

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040119\
 Data File : VX008583.D
 Acq On : 01 Apr 2019 20:49
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/2/2019 10:06:22 AM

Quant Time: Apr 02 03:21:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	172786	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	296598	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	266860	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	126963	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	131157	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
35) Dibromofluoromethane	5.49	113	97816	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
50) Toluene-d8	8.71	98	384625	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
62) 4-Bromofluorobenzene	11.13	95	145471	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	83034	40.769	ug/l	98
3) Chloromethane	1.32	50	114822	44.604	ug/l	100
4) Vinyl Chloride	1.40	62	119456	42.007	ug/l	99
5) Bromomethane	1.64	94	47550	32.515	ug/l	99
6) Chloroethane	1.71	64	72109	42.804	ug/l	97
7) Trichlorofluoromethane	1.92	101	136902	42.507	ug/l	97
8) Diethyl Ether	2.18	74	67129	44.042	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	86423	44.401	ug/l	99
10) Methyl Iodide	2.51	142	59752	33.074	ug/l	99
11) Tert butyl alcohol	3.06	59	144297	248.631	ug/l	99
12) 1,1-Dichloroethene	2.37	96	90524	45.033	ug/l	95
13) Acrolein	2.29	56	84975	201.622	ug/l	100
14) Allyl chloride	2.72	41	207750	46.911	ug/l	99
15) Acrylonitrile	3.14	53	378411	248.657	ug/l	100
16) Acetone	2.45	43	320555	234.138	ug/l	99
17) Carbon Disulfide	2.56	76	250210	43.332	ug/l	100
18) Methyl Acetate	2.78	43	169431	51.527	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	352815	48.706	ug/l	98
20) Methylene Chloride	2.85	84	111987	50.120	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	96272	48.053	ug/l	97
22) Diisopropyl ether	3.85	45	422345	48.433	ug/l	100
23) Vinyl Acetate	3.81	43	1866159	245.295	ug/l	100
24) 1,1-Dichloroethane	3.69	63	207985	47.244	ug/l	99
25) 2-Butanone	4.67	43	550706	250.904	ug/l	99
26) 2,2-Dichloropropane	4.58	77	132555	45.270	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	115987	47.186	ug/l	99
28) Bromochloromethane	5.01	49	103268	47.480	ug/l	100
29) Tetrahydrofuran	5.13	42	359752	248.690	ug/l	98
30) Chloroform	5.21	83	189230	47.629	ug/l	100
31) Cyclohexane	5.57	56	190292	45.321	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	152584	48.047	ug/l	99
36) 1,1-Dichloropropene	5.80	75	141098	44.617	ug/l	99
37) Ethyl Acetate	4.84	43	207314	50.604	ug/l	100
38) Carbon Tetrachloride	5.78	117	124480	47.167	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	169672	44.895	ug/l	99
40) Benzene	6.14	78	442597	46.749	ug/l	100
41) Methacrylonitrile	5.04	41	117720	51.131	ug/l	99
42) 1,2-Dichloroethane	6.19	62	158775	45.805	ug/l	100
43) Isopropyl Acetate	6.45	43	327686	50.006	ug/l	100
44) Trichloroethene	7.21	130	101268	45.556	ug/l	99
45) 1,2-Dichloropropane	7.51	63	128645	47.806	ug/l	99
46) Dibromomethane	7.66	93	73517	46.784	ug/l	98
47) Bromodichloromethane	7.90	83	146676	48.765	ug/l	98
48) Methyl methacrylate	7.77	41	166198	50.689	ug/l	98
49) 1,4-Dioxane	7.74	88	58820	902.233	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1107189	260.138	ug/l	100
52) Toluene	8.78	92	266973	47.162	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	165277	50.168	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	182992	48.847	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	112090	48.643	ug/l	99
56) Ethyl methacrylate	9.18	69	210812	50.682	ug/l	100
57) 1,3-Dichloropropane	9.37	76	197232	47.739	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	552853	257.125	ug/l	100
59) 2-Hexanone	9.49	43	847874	257.095	ug/l	99
60) Dibromochloromethane	9.58	129	108054	49.307	ug/l	98
61) 1,2-Dibromoethane	9.67	107	113335	48.194	ug/l	99
64) Tetrachloroethene	9.34	164	85763	47.471	ug/l	98
65) Chlorobenzene	10.13	112	276189	47.591	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	98661	49.275	ug/l	99
67) Ethyl Benzene	10.25	91	519261	47.409	ug/l	100
68) m/p-Xylenes	10.36	106	376951	94.603	ug/l	99
69) o-Xylene	10.69	106	186865	48.326	ug/l	97
70) Styrene	10.71	104	329067	49.267	ug/l	100
71) Bromoform	10.85	173	80775	51.084	ug/l	100
73) Isopropylbenzene	11.02	105	492548	47.686	ug/l	100
74) N-amyl acetate	10.90	43	298741	49.969	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	191141	47.694	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	162091m	42.944	ug/l	
77) Bromobenzene	11.26	156	117983	47.064	ug/l	99
78) n-propylbenzene	11.36	91	575065	47.527	ug/l	100
79) 2-Chlorotoluene	11.42	91	345781	46.984	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	412633	47.253	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	61149	51.888	ug/l	100
82) 4-Chlorotoluene	11.51	91	397024	46.768	ug/l	99
83) tert-Butylbenzene	11.77	119	400313	47.515	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	415368	47.028	ug/l	100
85) sec-Butylbenzene	11.94	105	477228	47.566	ug/l	99
86) p-Isopropyltoluene	12.06	119	428716	48.426	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	209437	46.759	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	208636	46.155	ug/l	100
89) n-Butylbenzene	12.38	91	397531	47.401	ug/l	100
90) Hexachloroethane	12.60	117	71891	48.744	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	211271	47.102	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	41579	47.582	ug/l	99

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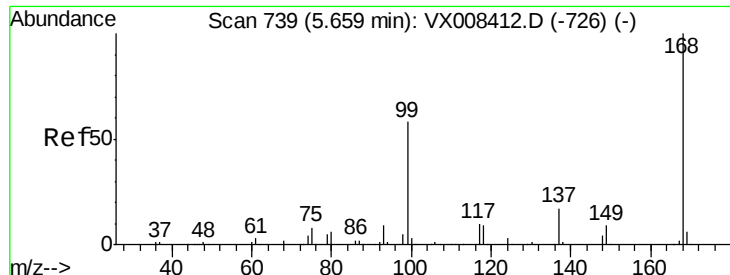
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	143444	47.501	ug/l	99
94) Hexachlorobutadiene	13.78	225	68631	47.863	ug/l	100
95) Naphthalene	13.83	128	498461	48.145	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	144923	47.758	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 172786

Ion Ratio Lower Upper

168 100

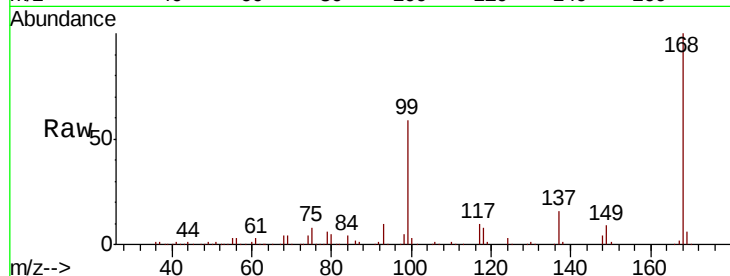
99 58.9 46.0 69.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

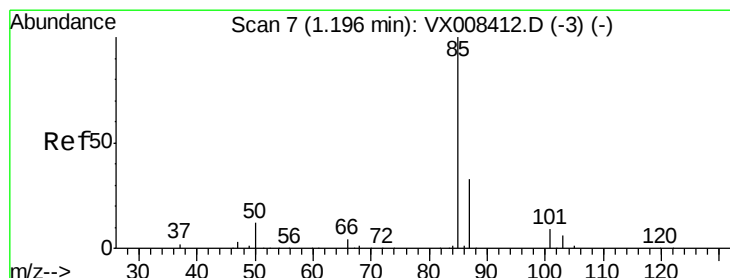
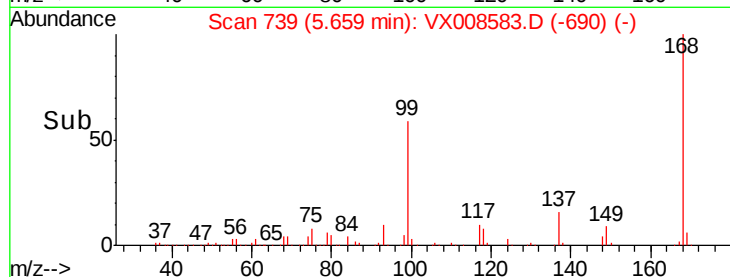
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 40.769 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008583.D

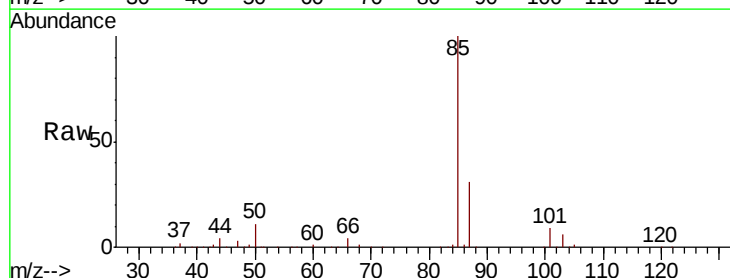
Acq: 01 Apr 2019 20:49

Tgt Ion: 85 Resp: 83034

Ion Ratio Lower Upper

85 100

87 31.5 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

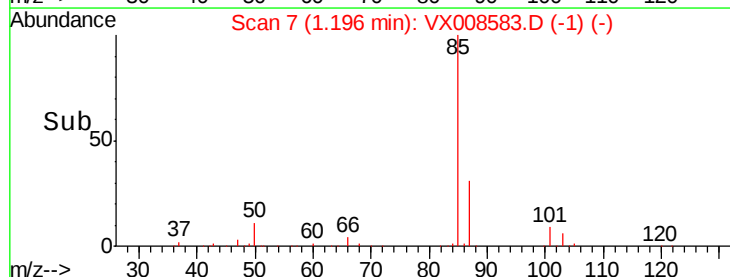
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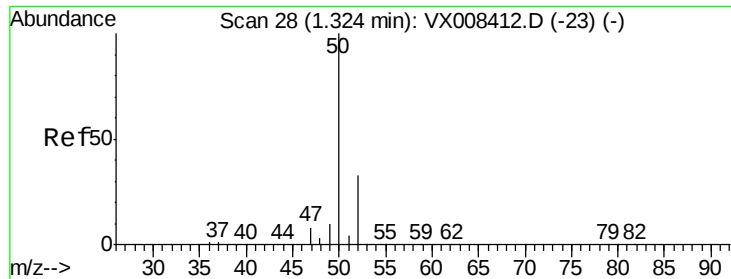
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 44.604 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 114822

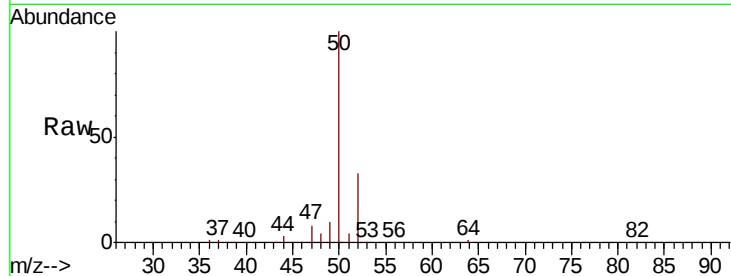
Ion Ratio Lower Upper

50 100

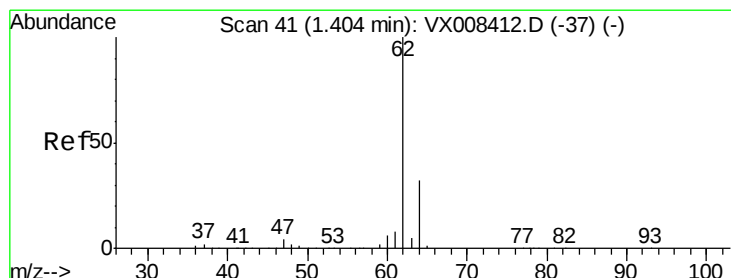
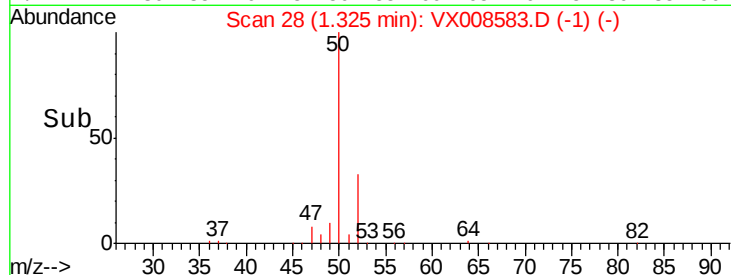
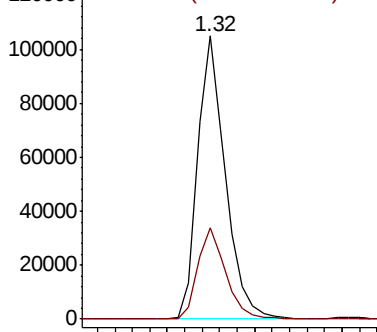
52 32.5 26.2 39.2

Manual Integrations
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Abundance Ion 49.90 (49.60 to 50.60): VX0
Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 42.007 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX008583.D

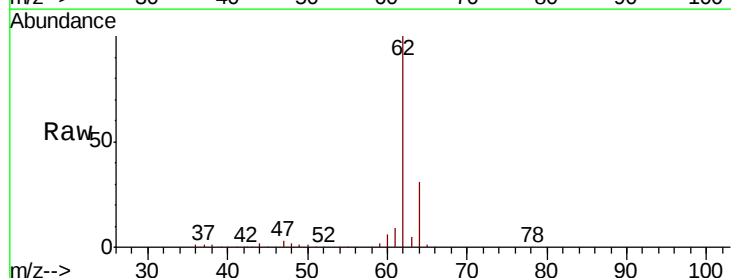
Acq: 01 Apr 2019 20:49

Tgt Ion: 62 Resp: 119456

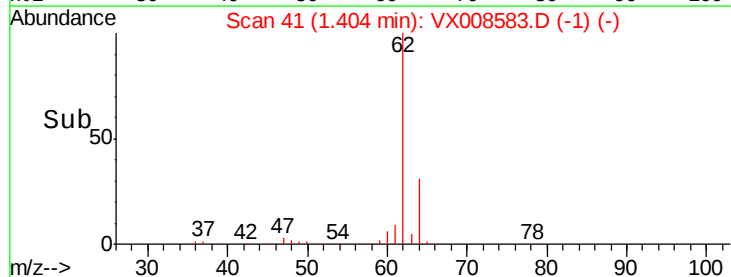
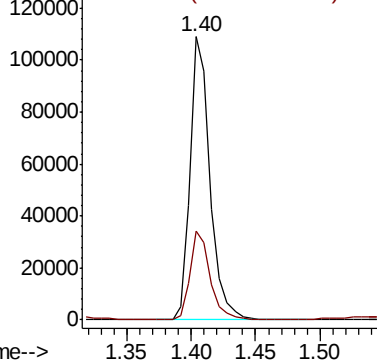
Ion Ratio Lower Upper

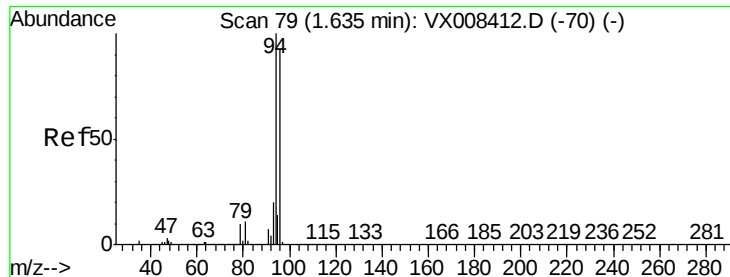
62 100

64 31.3 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 32.515 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 47550

Ion Ratio Lower Upper

94 100

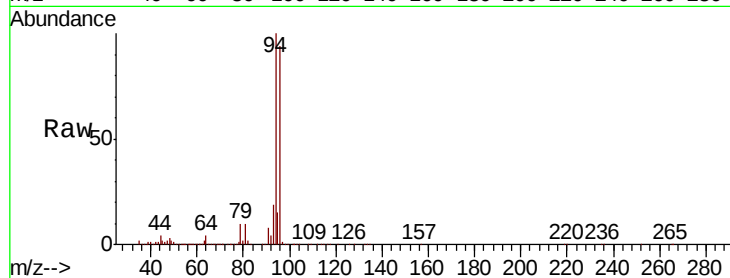
96 94.4 74.8 112.2

Manual Integrations

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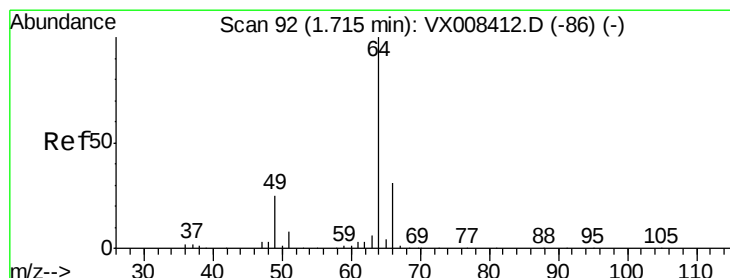
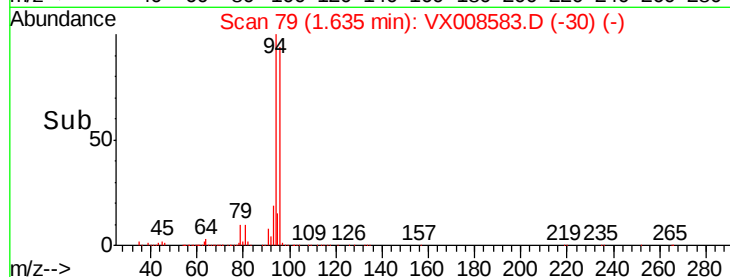
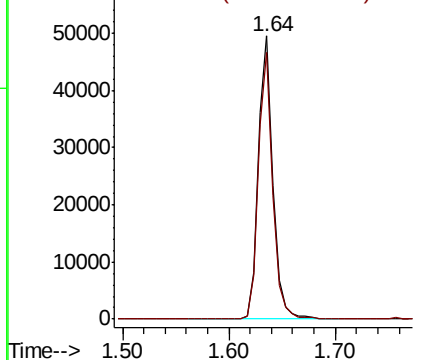
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 42.804 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX008583.D

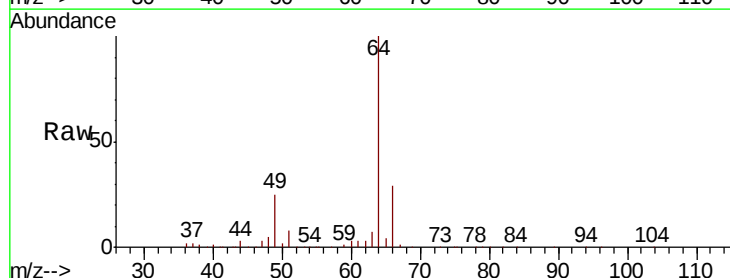
Acq: 01 Apr 2019 20:49

Tgt Ion: 64 Resp: 72109

Ion Ratio Lower Upper

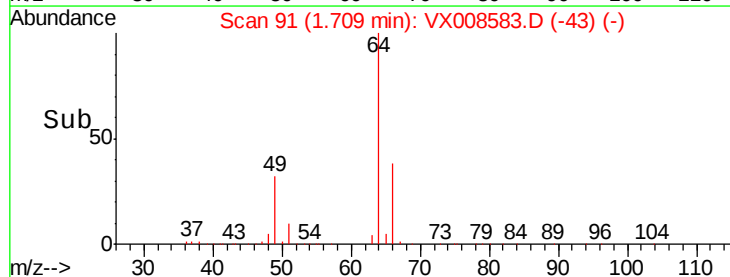
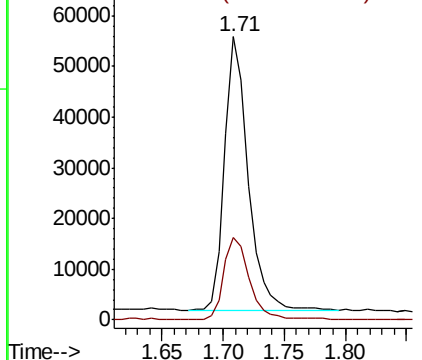
64 100

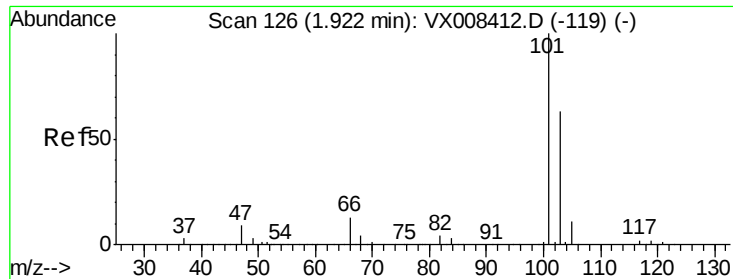
66 29.7 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

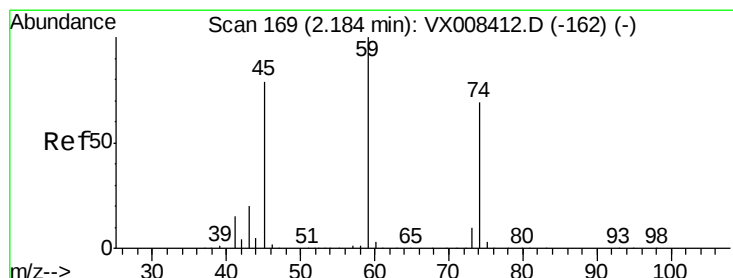
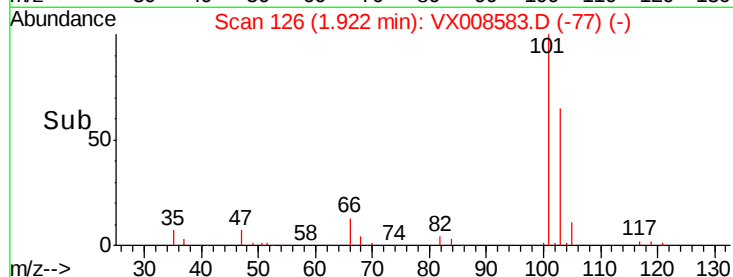
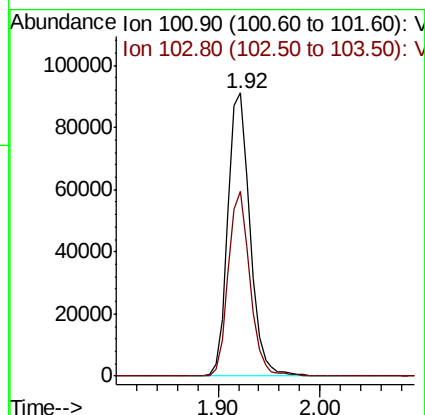
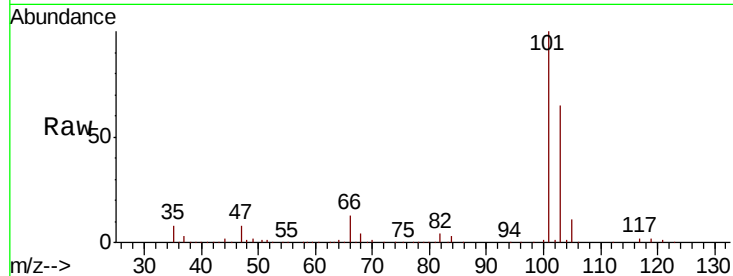
Trichlorofluoromethane
Concen: 42.507 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:101 Resp: 136902
Ion Ratio Lower Upper
101 100
103 65.3 50.2 75.4

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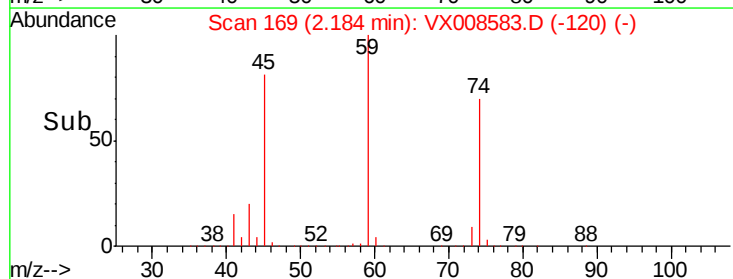
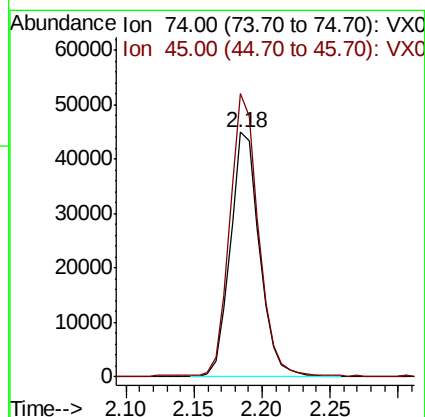
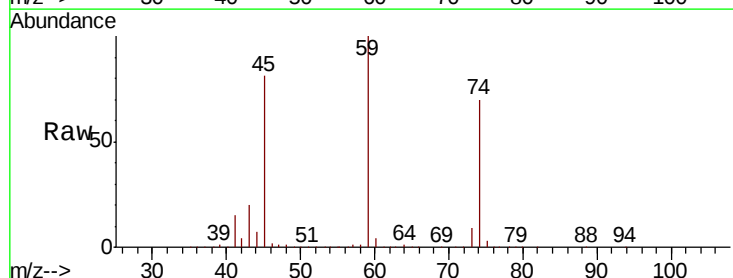
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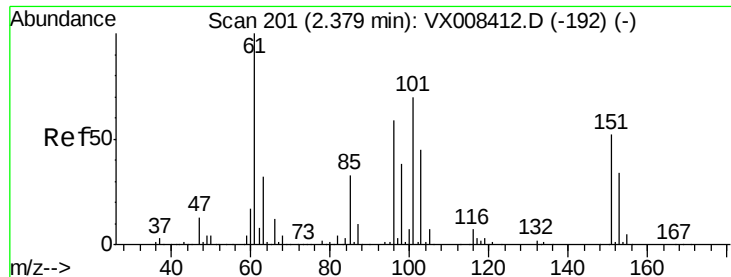


#8

Diethyl Ether
Concen: 44.042 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

Tgt Ion: 74 Resp: 67129
Ion Ratio Lower Upper
74 100
45 113.5 56.4 169.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.401 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

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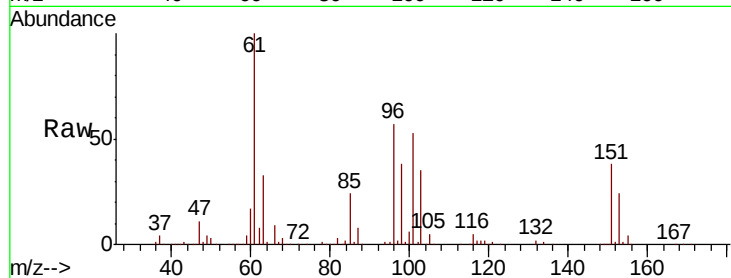
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VSTDCCC050EC

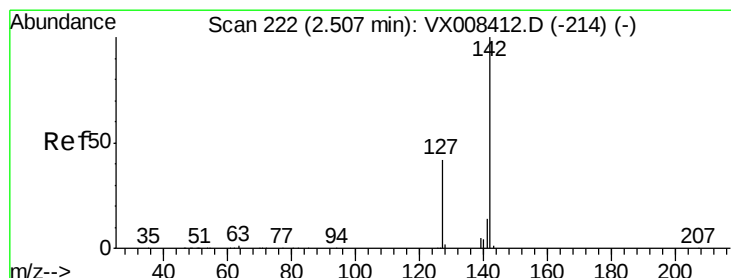
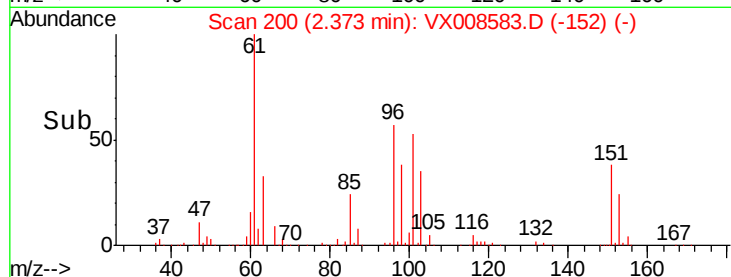
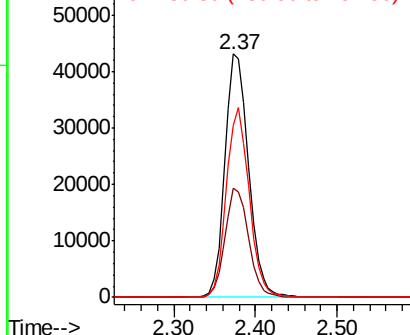
Tot Ion:	101	Resp:	86423
Ion Ratio	Lower	Upper	
101	100		
85	44.5	36.0	54.0
151	75.0	59.2	88.8

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 33.074 ug/l

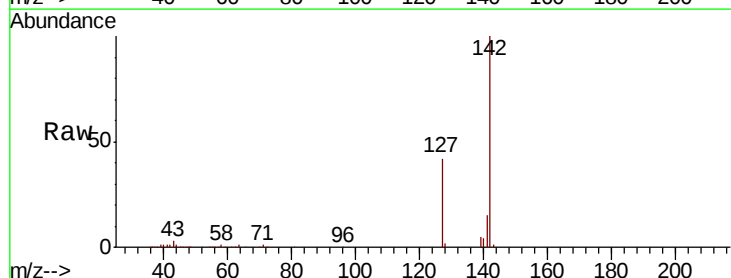
RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

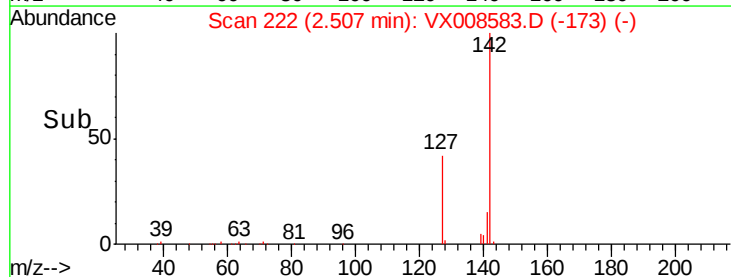
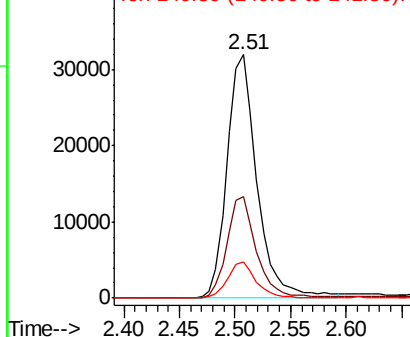
Lab File: VX008583.D

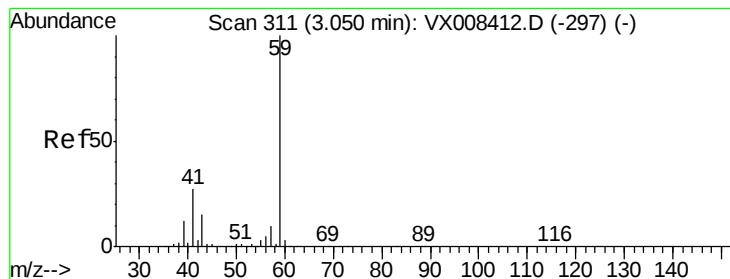
Acq: 01 Apr 2019 20:49

Tgt Ion:	142	Resp:	59752
Ion Ratio	Lower	Upper	
142	100		
127	41.2	33.6	50.4
141	14.5	11.3	16.9



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

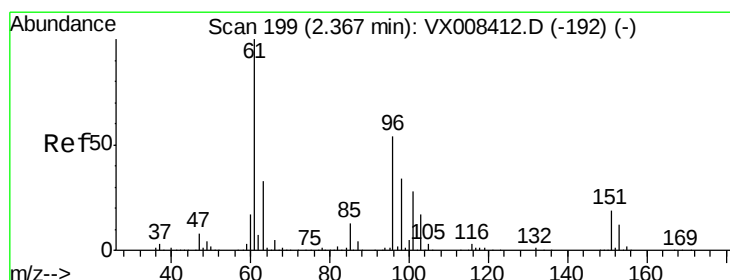
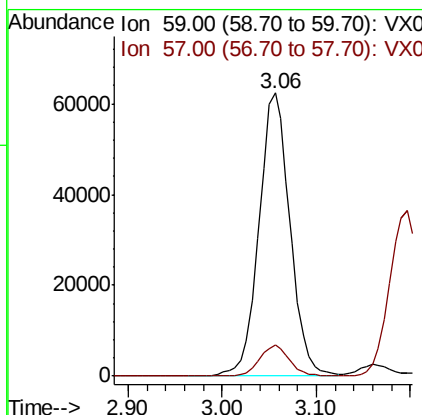
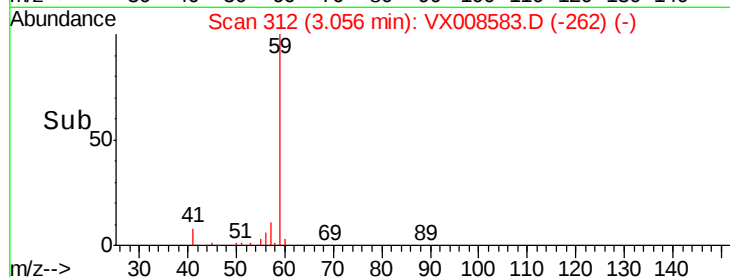
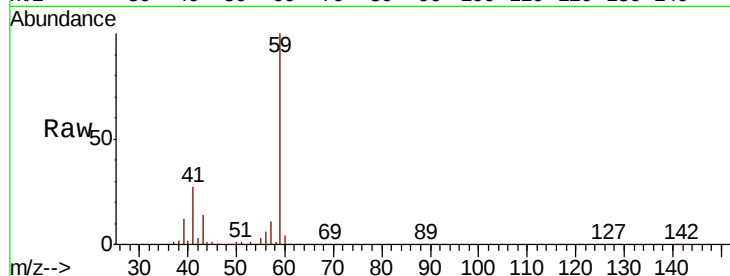
Tert butyl alcohol
Concen: 248.631 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	59	57	Ratio	100	10.6	Resp	144297	Lower	Upper
59	100								
57		10.6						8.2	12.4

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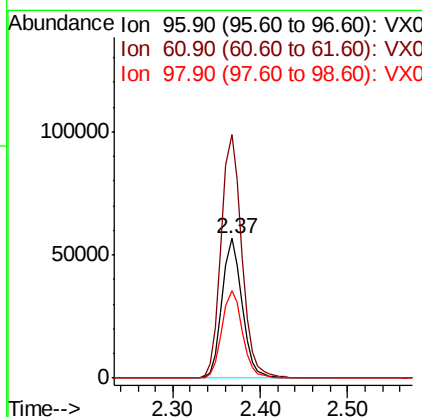
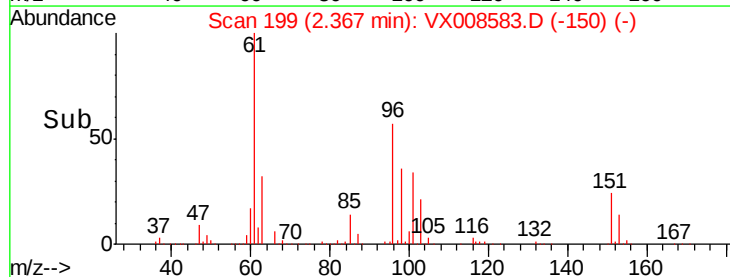
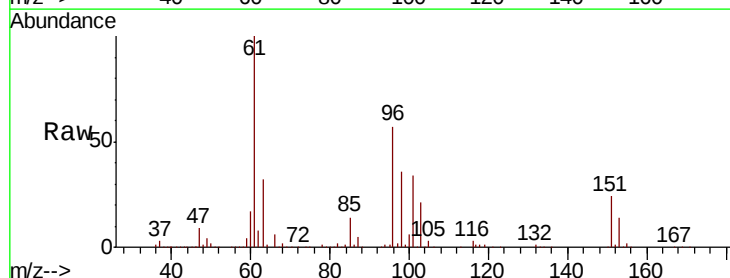
MMDadoda
4/2/2019 10:06:22 AM

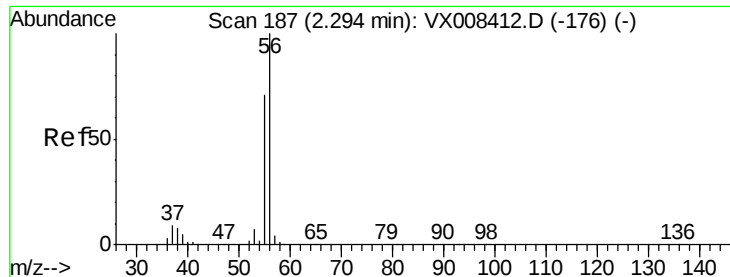


#12

1,1-Dichloroethene
Concen: 45.033 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

Tgt Ion	96	61	98	Ratio	100	174.5	62.8	Resp	90524	Lower	Upper
96	100										
61		174.5								146.9	220.3
98		62.8								50.1	75.1





#13

Acrolein

Concen: 201.622 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 84975

Ion Ratio Lower Upper

56 100

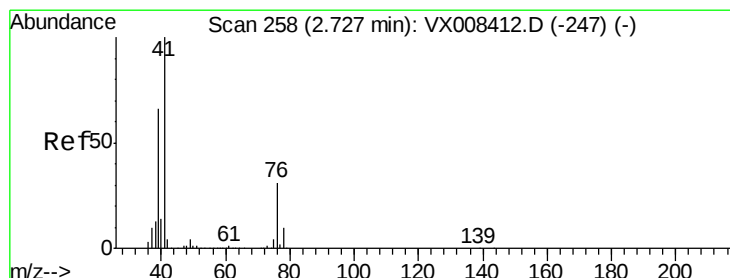
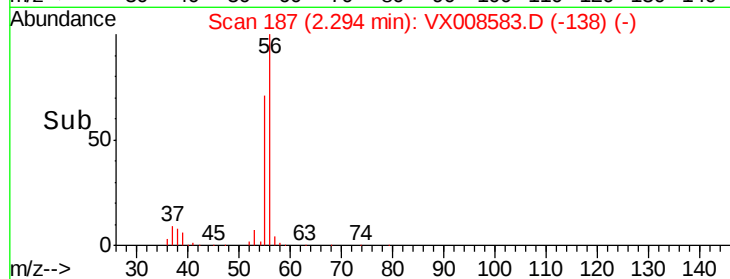
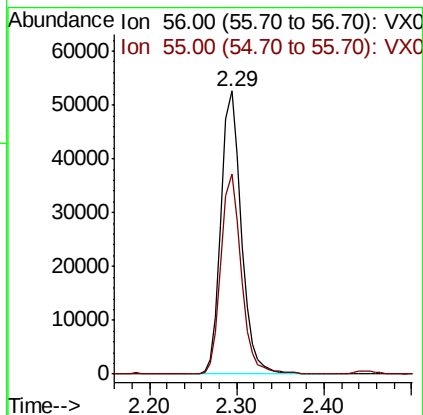
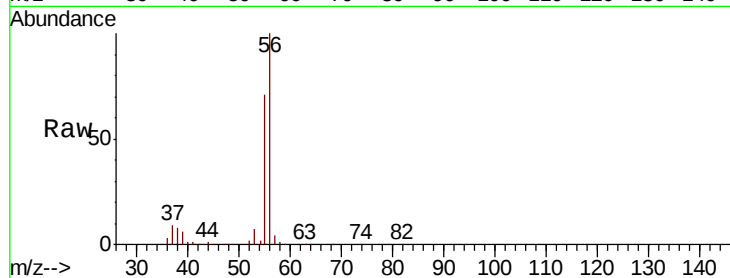
55 70.6 56.5 84.7

Manual Integrations

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#14

Allyl chloride

Concen: 46.911 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

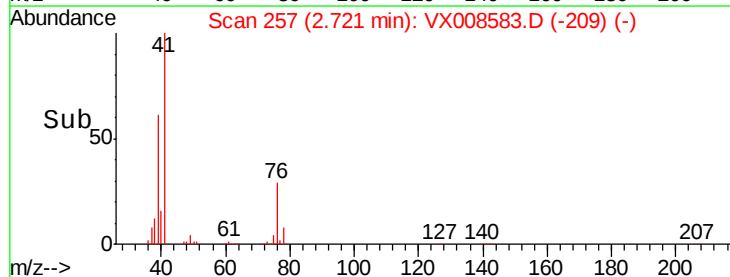
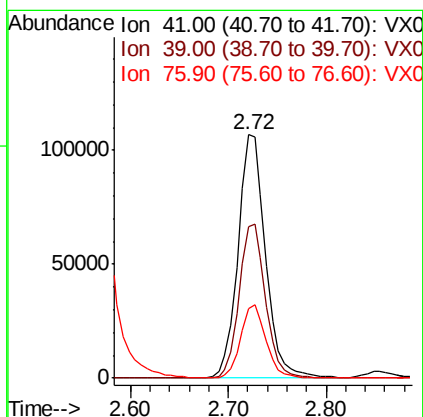
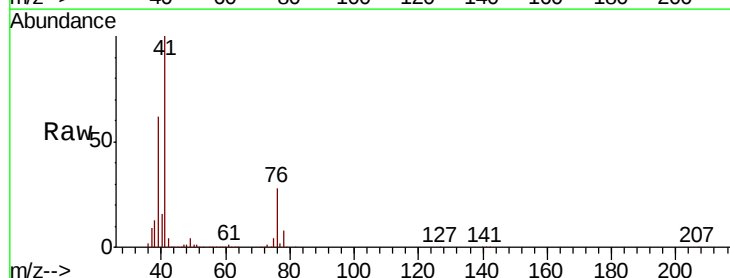
Tgt Ion: 41 Resp: 207750

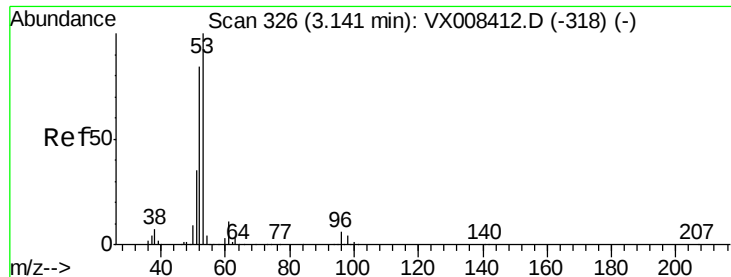
Ion Ratio Lower Upper

41 100

39 60.9 49.6 74.4

76 27.6 22.6 34.0





#15

Acrylonitrile

Concen: 248.657 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

Instrument :

MSVOA_X

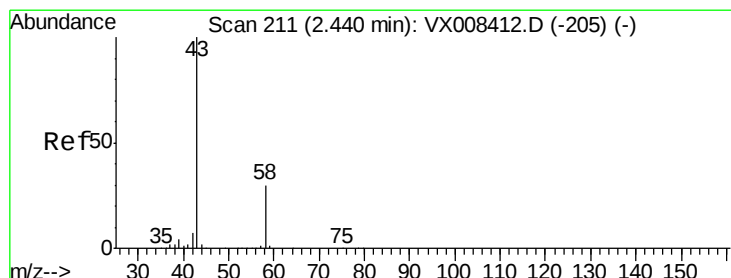
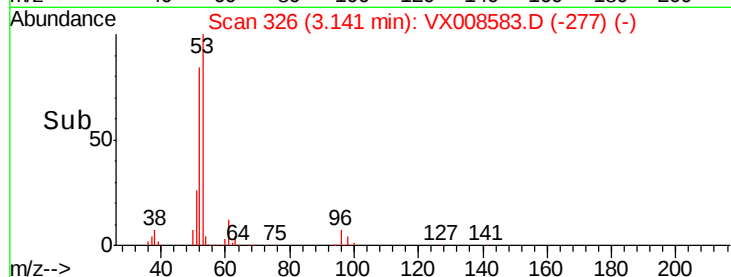
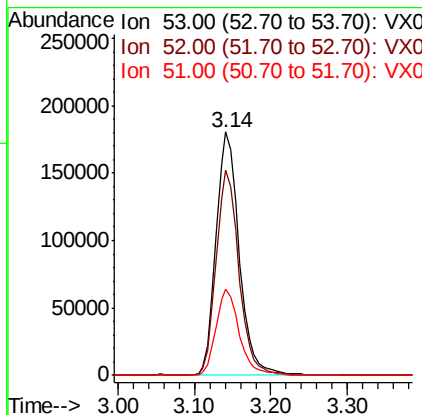
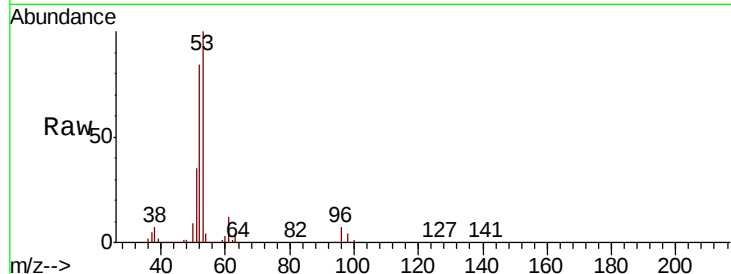
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	378411
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.5	99.7
51	35.6	28.3	42.5

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#16

Acetone

Concen: 234.138 ug/l

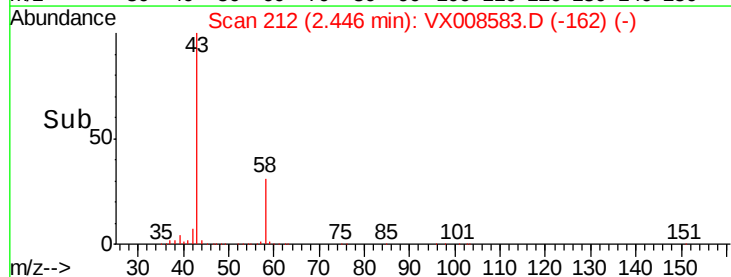
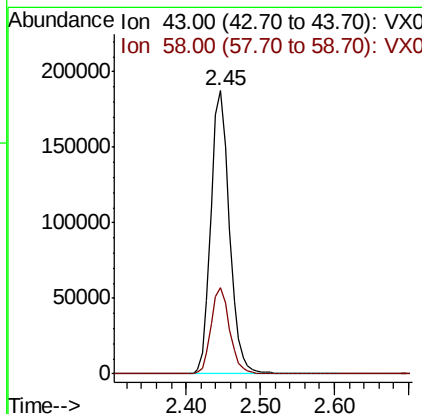
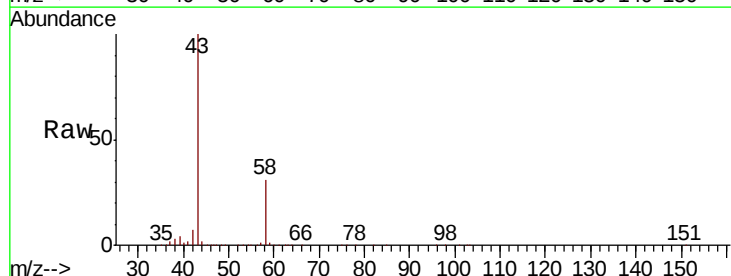
RT: 2.45 min Scan# 212

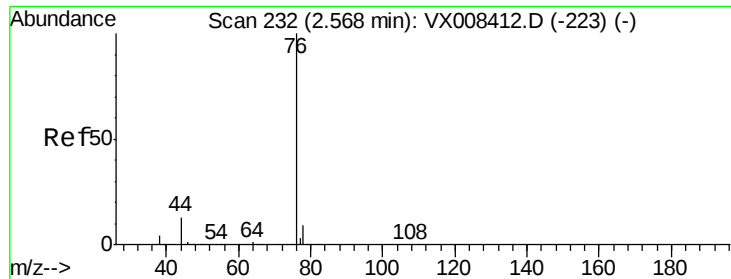
Delta R.T. 0.01 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

Tgt Ion:	43	Resp:	320555
Ion	Ratio	Lower	Upper
43	100		
58	30.5	24.2	36.2





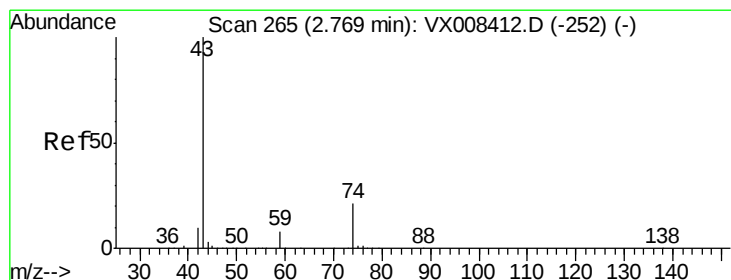
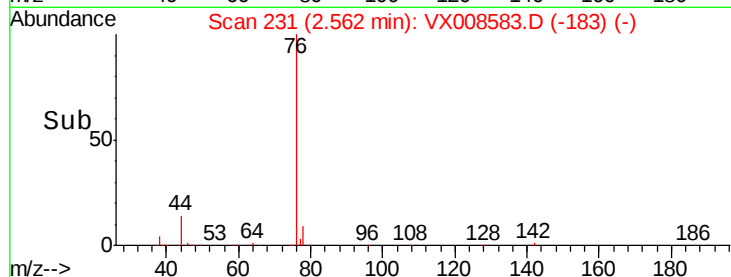
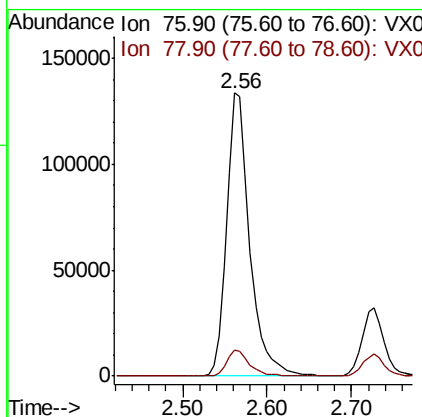
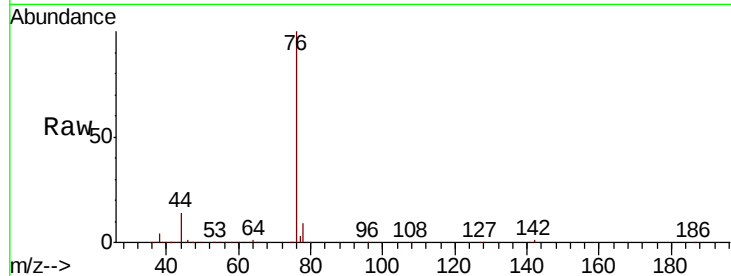
#17
Carbon Disulfide
Concen: 43.332 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.2

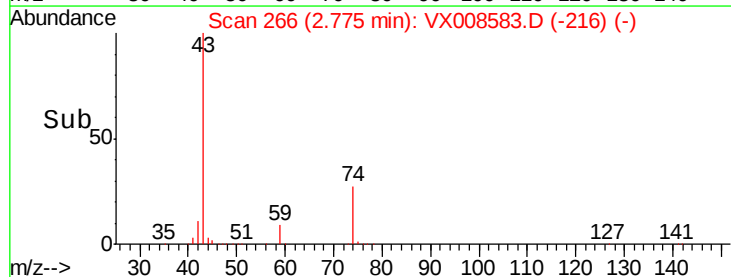
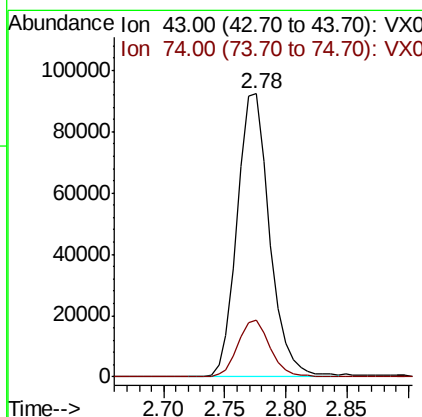
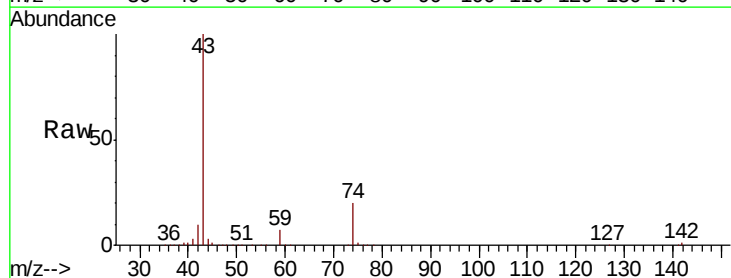
Manual Integrations
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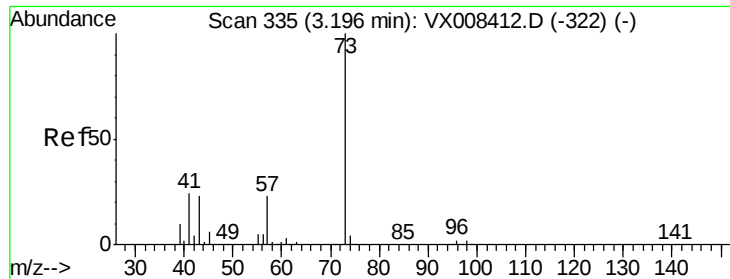
MMDadoda
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#18
Methyl Acetate
Concen: 51.527 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.5	16.7	25.1





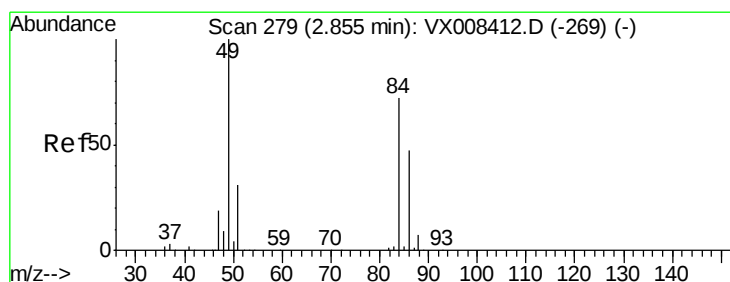
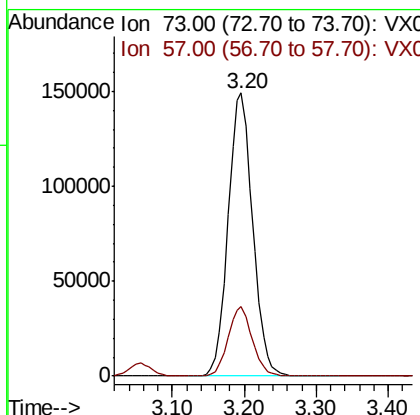
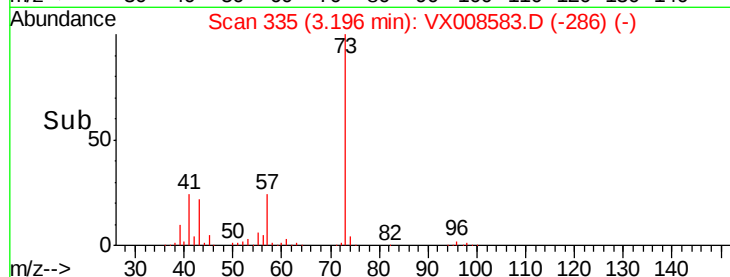
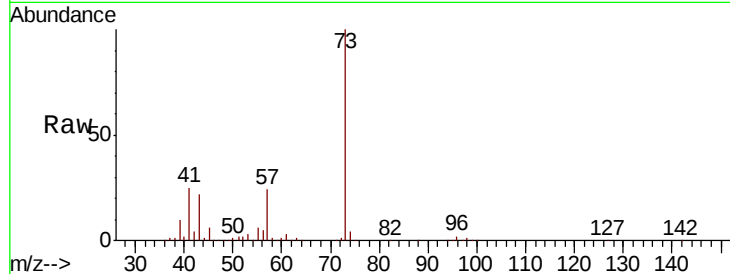
#19
Methvl tert-butvl Ether
Concen: 48.706 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.4	18.6	28.0

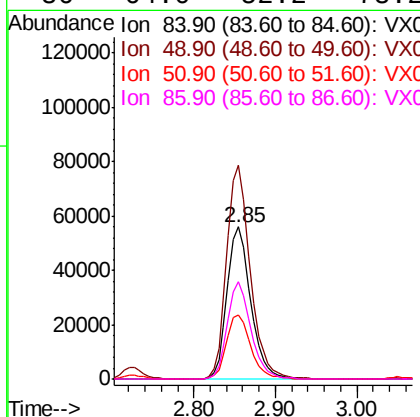
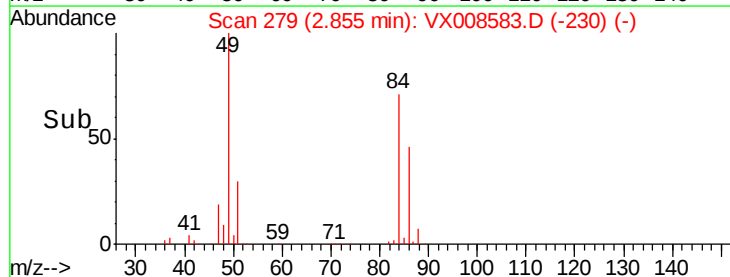
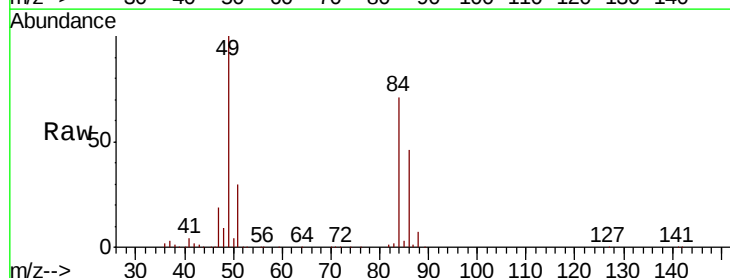
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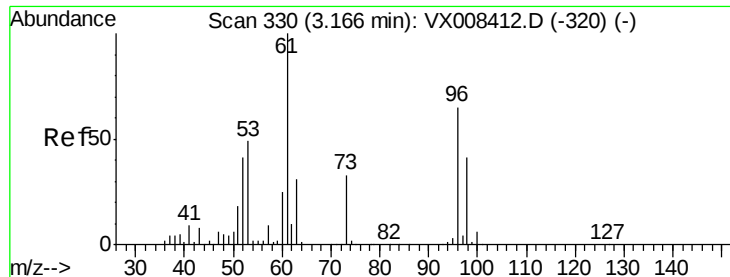
MMDadoda
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#20
Methylene Chloride
Concen: 50.120 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

Tgt Ion	Ratio	Lower	Upper
84	100		
49	140.4	110.6	165.8
51	41.7	33.9	50.9
86	64.0	52.2	78.2





#21

trans-1,2-Dichloroethene

Concen: 48.053 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 96272

Ion Ratio Lower Upper

96 100

61 158.2 122.6 184.0

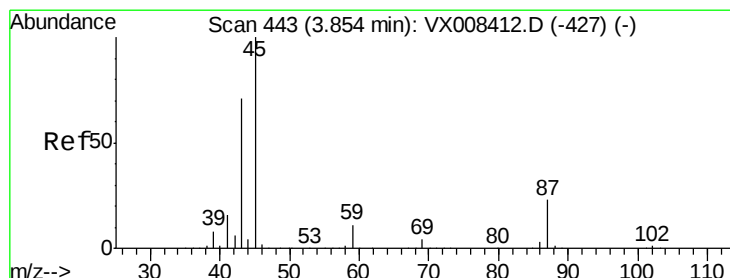
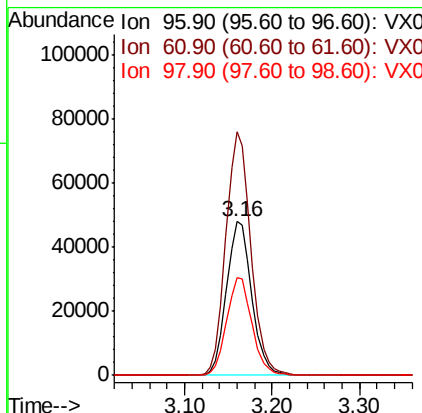
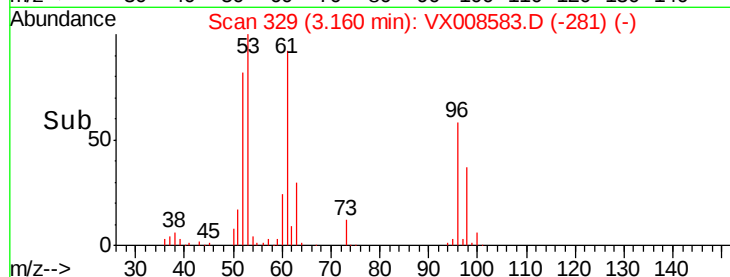
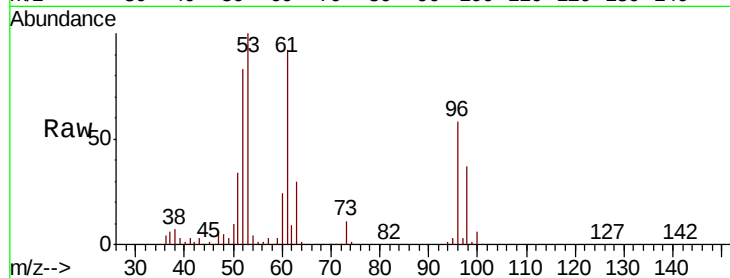
98 63.6 50.9 76.3

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#22

Diisopropyl ether

Concen: 48.433 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

Tgt Ion: 45 Resp: 422345

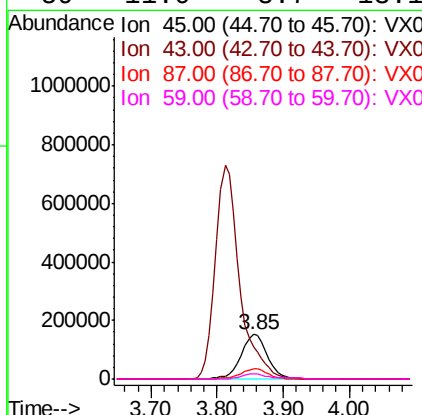
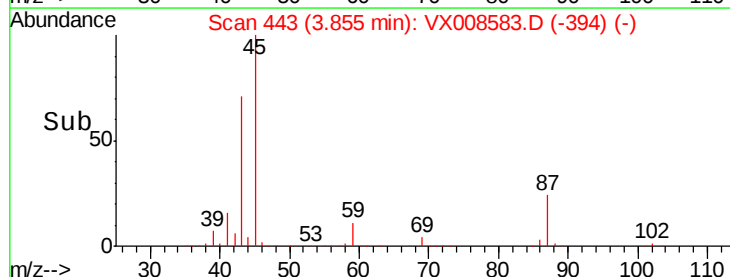
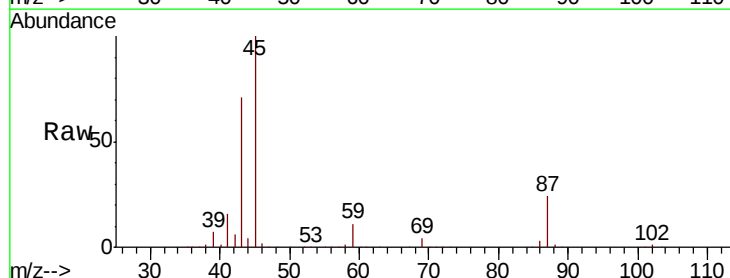
Ion Ratio Lower Upper

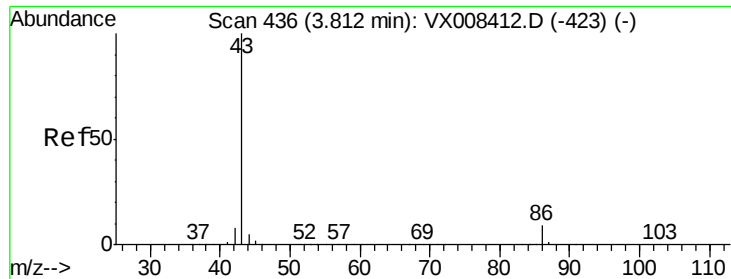
45 100

43 71.0 57.1 85.7

87 23.6 18.8 28.2

59 11.0 8.7 13.1





#23

Vinyl Acetate

Concen: 245.295 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1866159

Ion Ratio Lower Upper

43 100

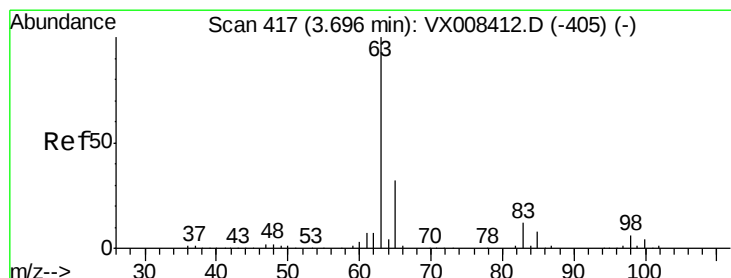
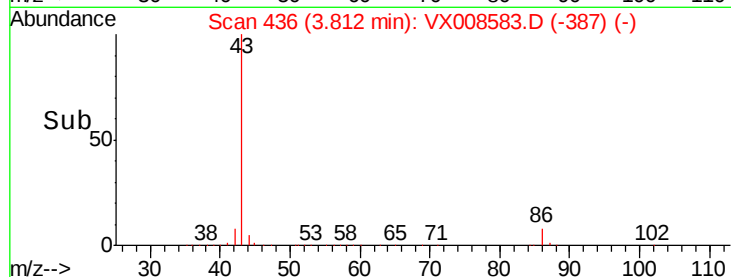
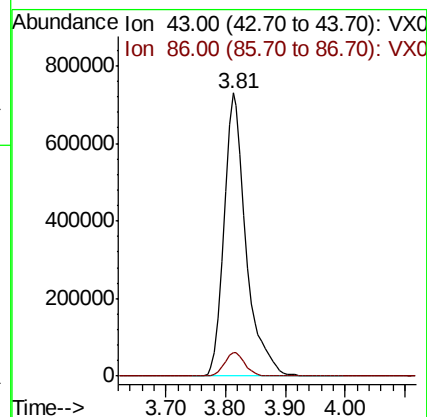
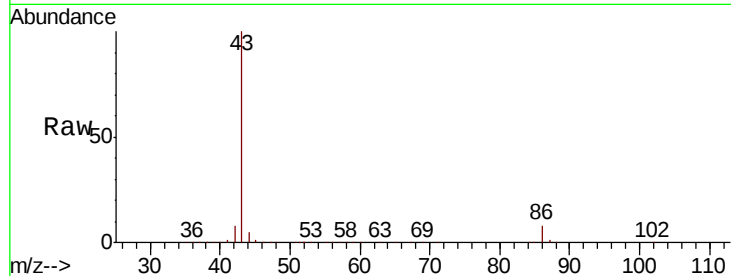
86 8.5 6.9 10.3

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#24

1,1-Dichloroethane

Concen: 47.244 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

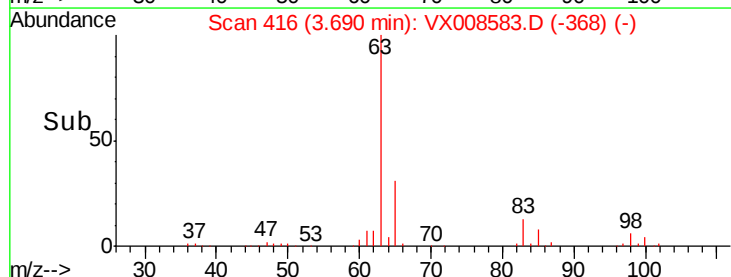
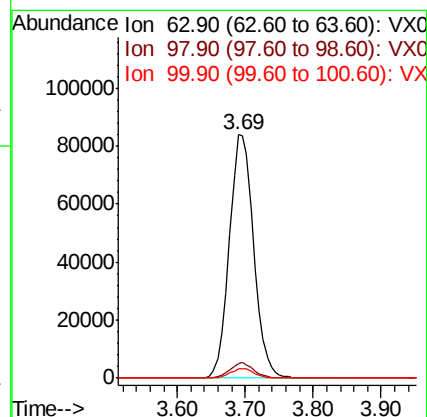
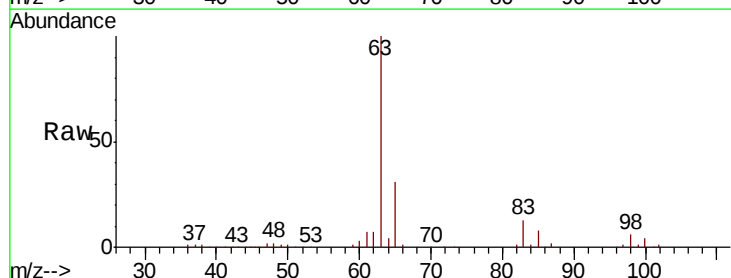
Tgt Ion: 63 Resp: 207985

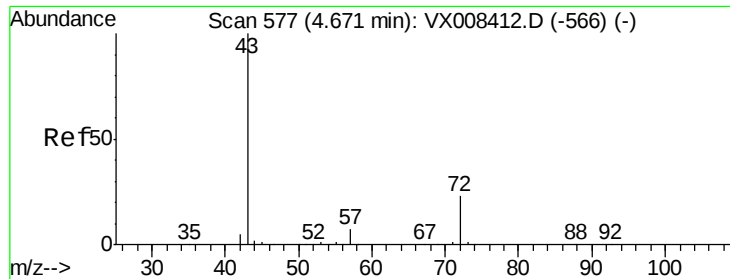
Ion Ratio Lower Upper

63 100

98 5.7 3.2 9.6

100 4.1 2.0 5.8





#25

2-Butanone

Concen: 250.904 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 550706

Ion Ratio Lower Upper

43 100

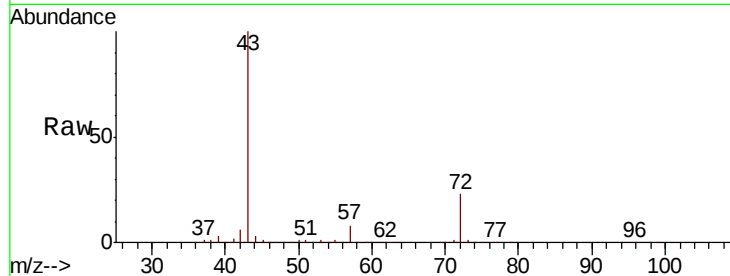
72 22.6 18.6 28.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

200000

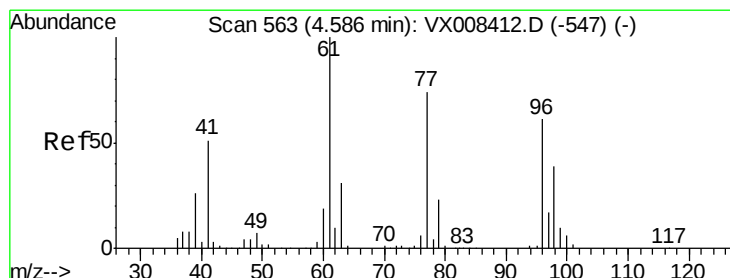
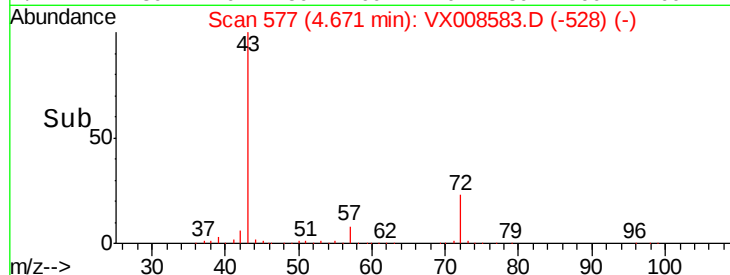
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 45.270 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008583.D

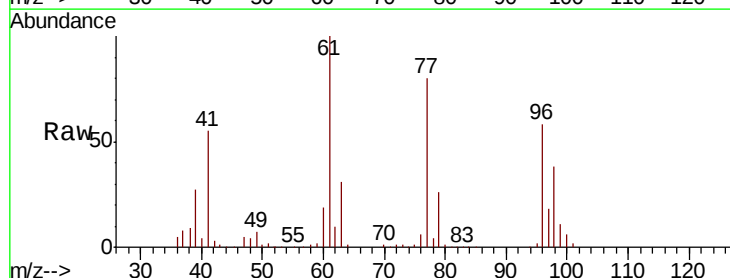
Acq: 01 Apr 2019 20:49

Tgt Ion: 77 Resp: 132555

Ion Ratio Lower Upper

77 100

97 23.0 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

50000

40000

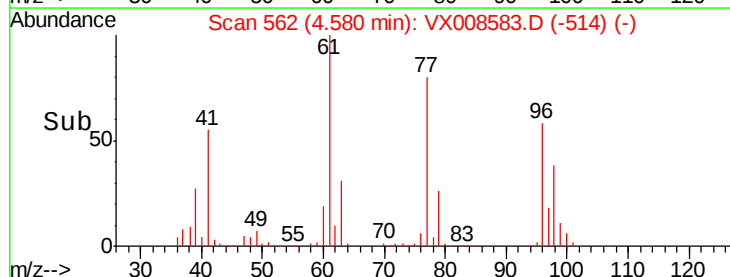
30000

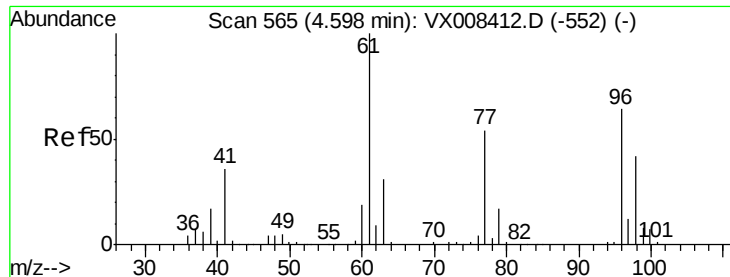
20000

10000

0

Time-->





#27

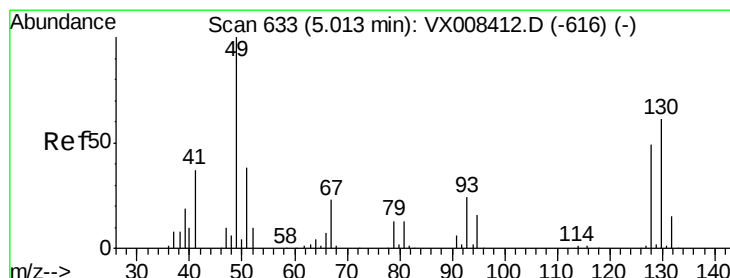
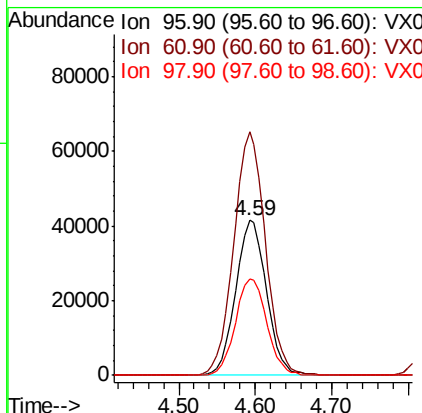
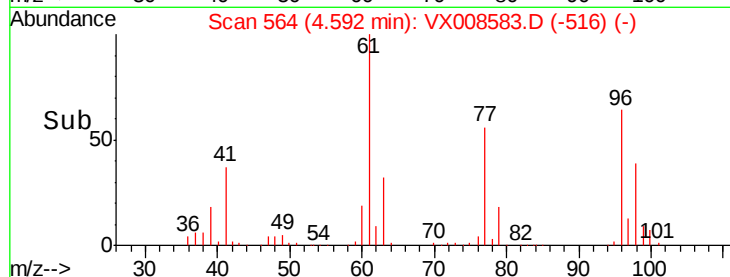
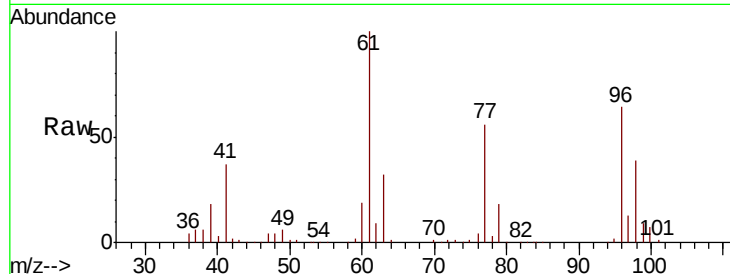
cis-1,2-Dichloroethene
Concen: 47.186 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	115987		
61	161.5	0.0	325.6	
98	63.6	0.0	130.0	

Manual Integrations
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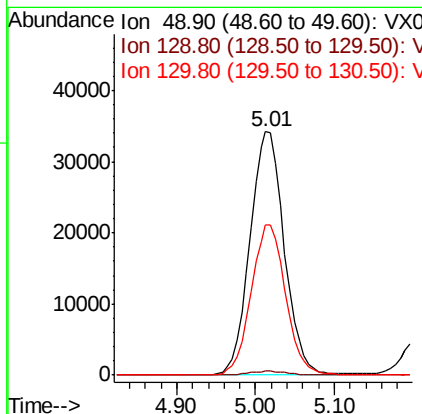
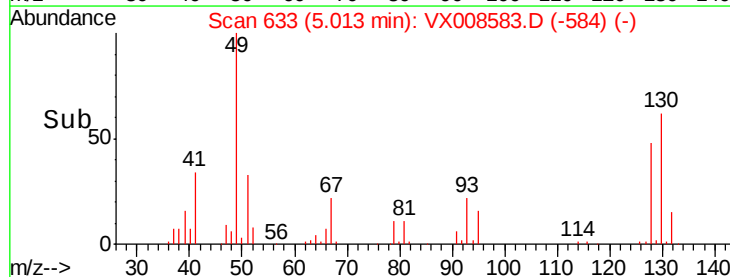
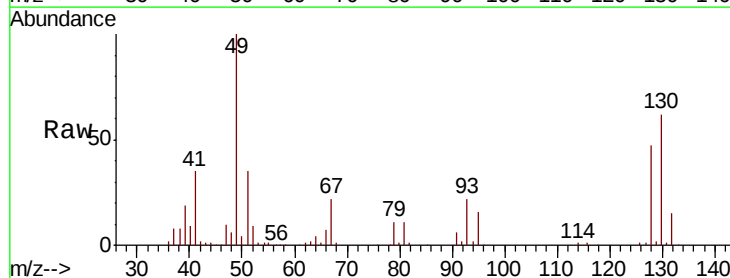
MMDadoda
4/2/2019 10:06:22 AM

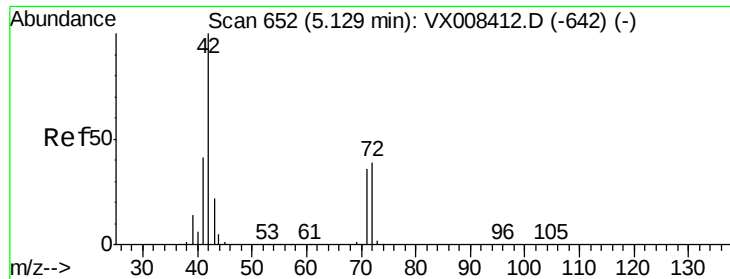


#28

Bromochloromethane
Concen: 47.480 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	103268		
129	1.7	0.0	3.4	
130	61.9	49.8	74.6	





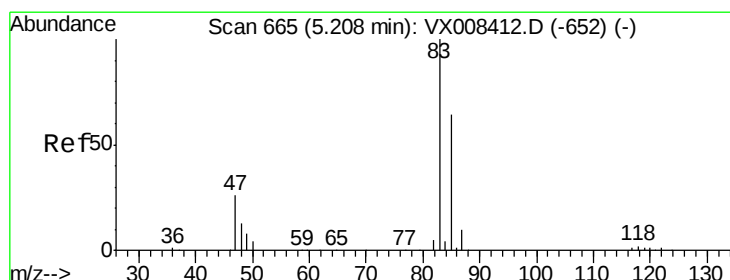
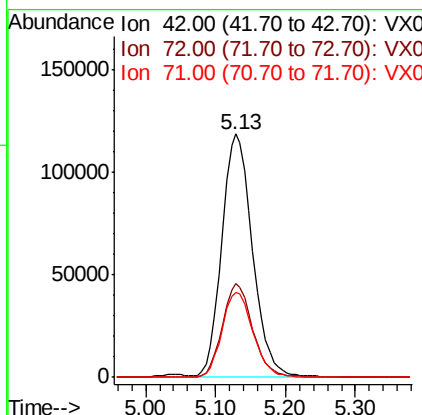
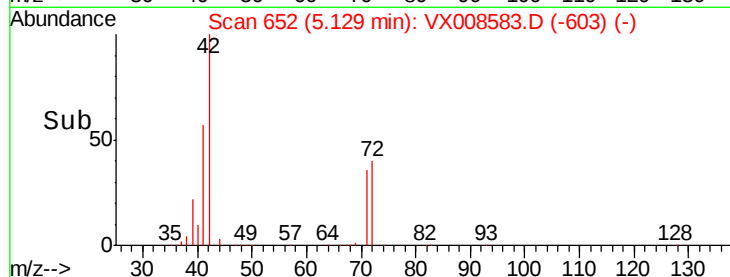
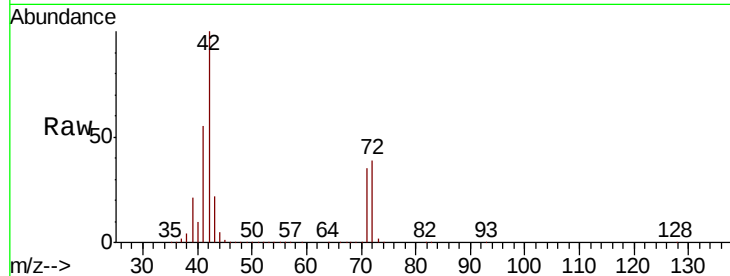
#29
Tetrahydrofuran
Concen: 248.690 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.6	31.4	47.2
71	35.6	29.4	44.2

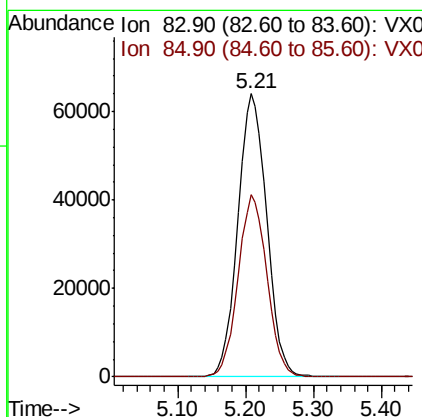
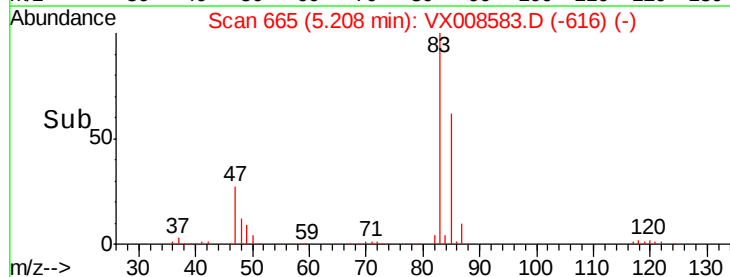
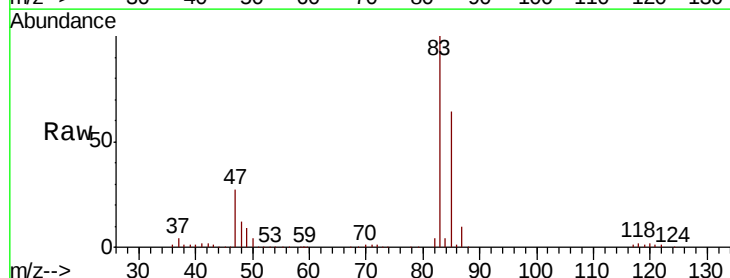
Manual Integrations
APPROVED

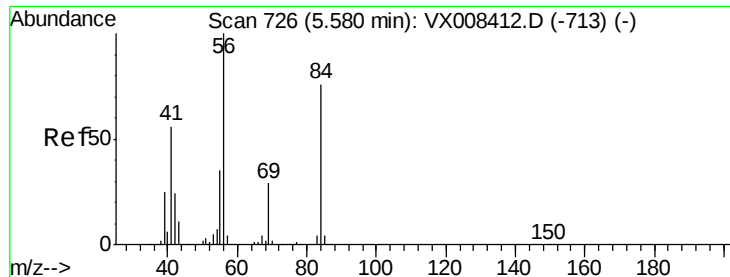
MMDadoda
4/2/2019 10:06:22 AM



#30
Chloroform
Concen: 47.629 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.4	77.2





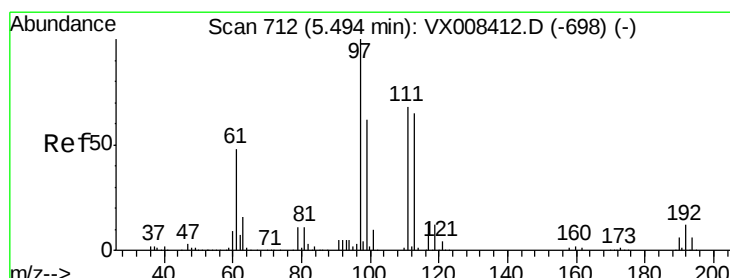
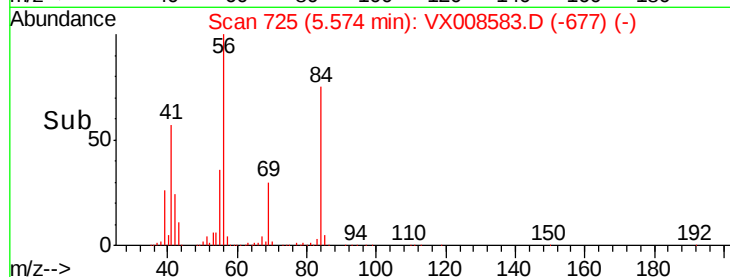
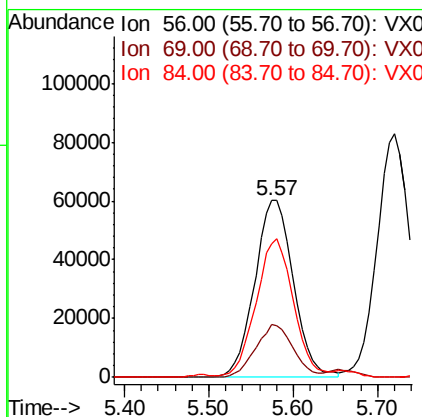
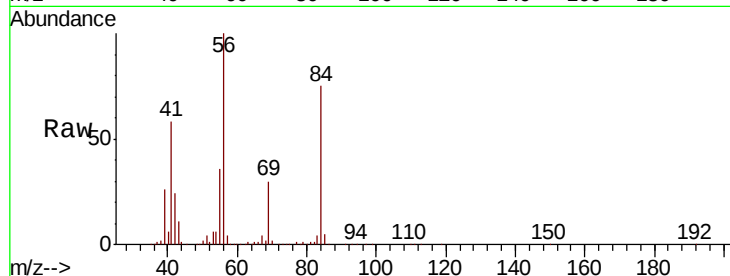
#31
Cyclohexane
Concen: 45.321 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.7	23.2	34.8
84	74.2	60.7	91.1

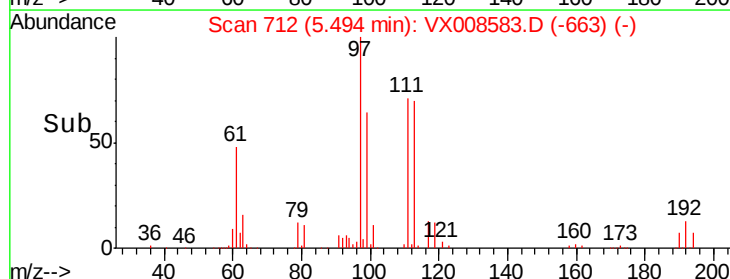
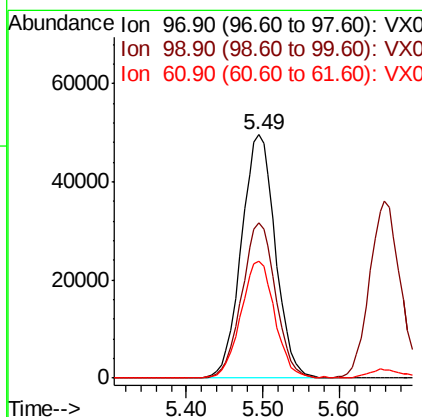
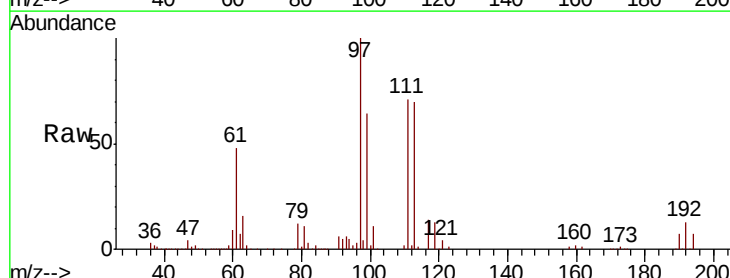
Manual Integrations
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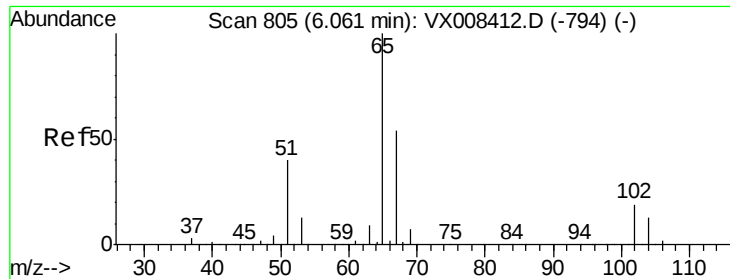
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#32
1,1,1-Trichloroethane
Concen: 48.047 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.5	77.3
61	48.2	38.8	58.2





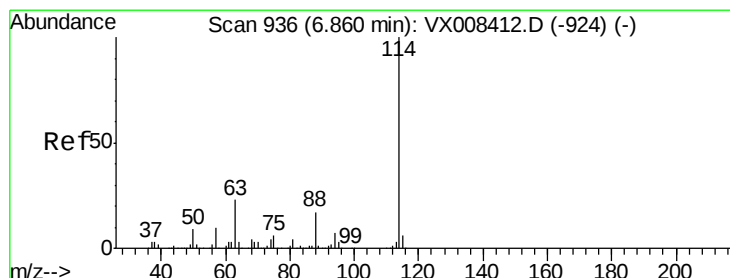
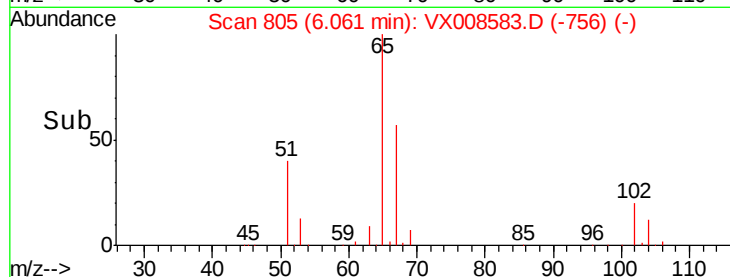
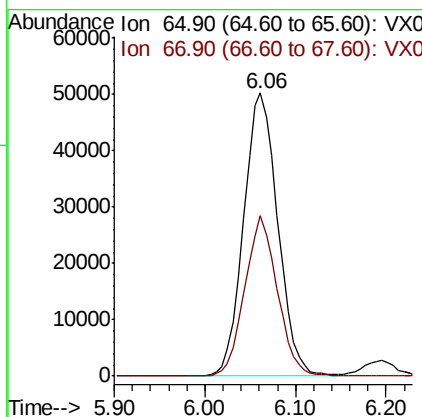
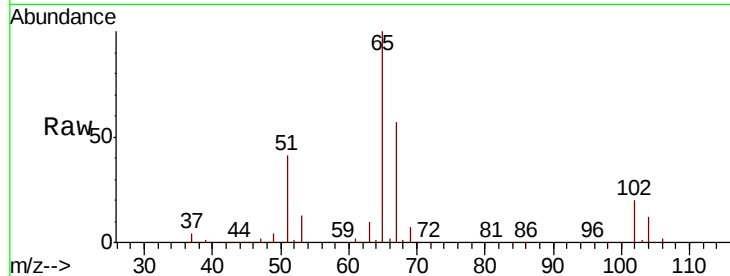
#33
 1,2-Dichloroethane-d4
 Concen: 50.070 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX008583.D
 Acq: 01 Apr 2019 20:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	131157		
67	53.9	0.0	109.4	

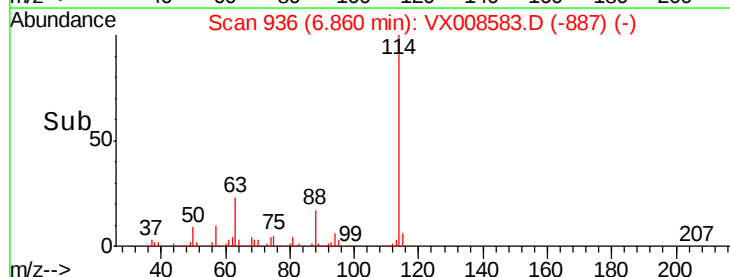
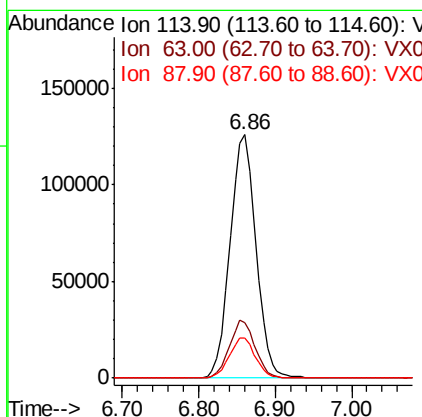
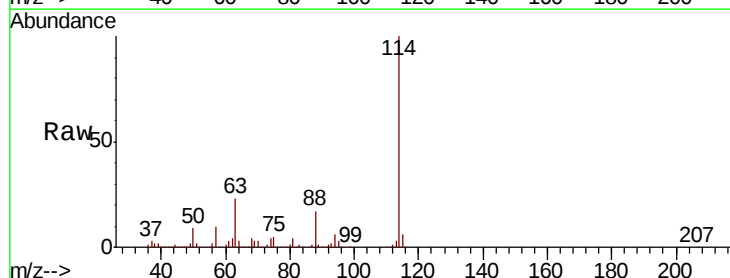
Manual Integrations
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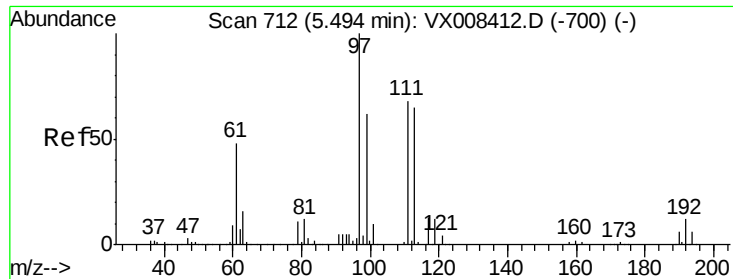
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008583.D
 Acq: 01 Apr 2019 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	296598		
63	22.8	0.0	46.4	
88	16.7	0.0	33.2	





#35

Dibromofluoromethane

Concen: 50.578 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

Instrument :

MSVOA_X

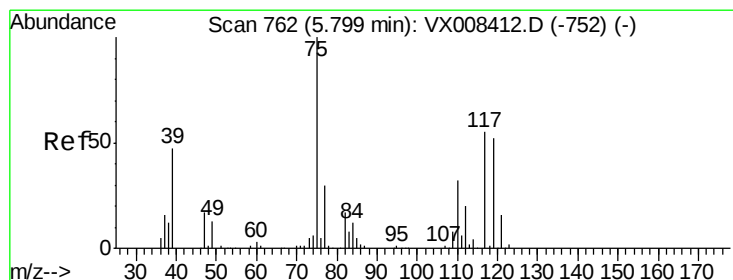
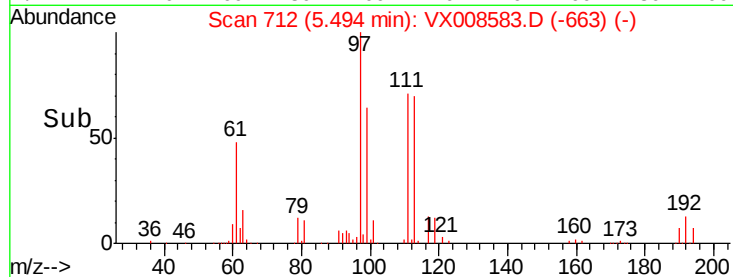
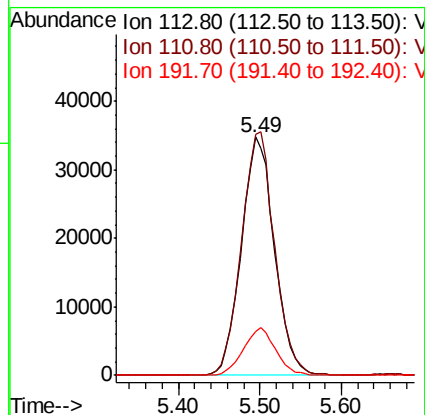
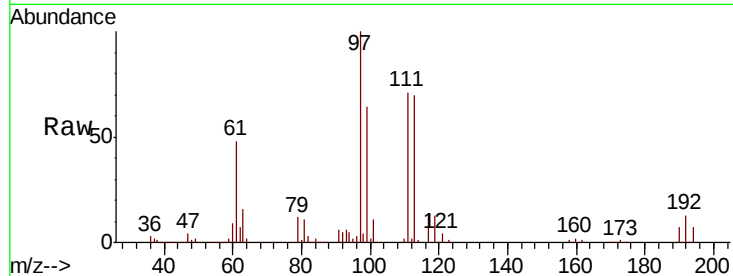
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	97816
Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.0	124.4
192	19.7	15.6	23.4

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 44.617 ug/l

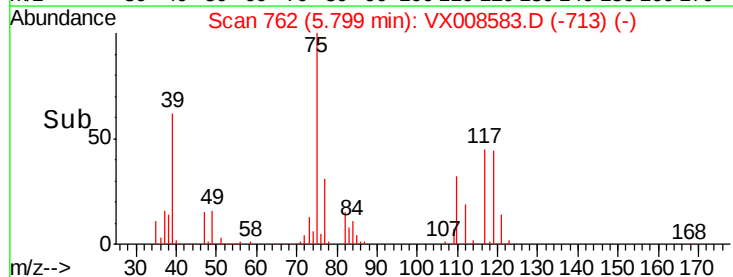
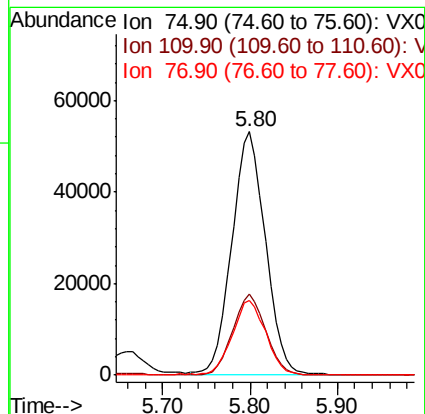
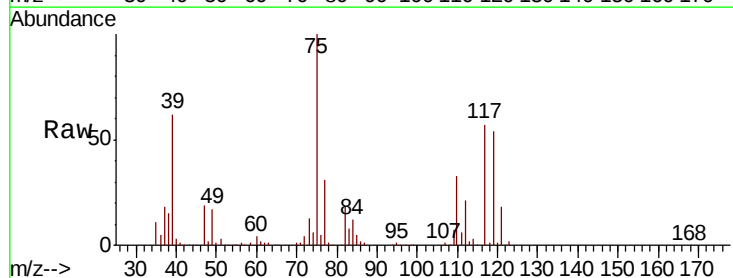
RT: 5.80 min Scan# 762

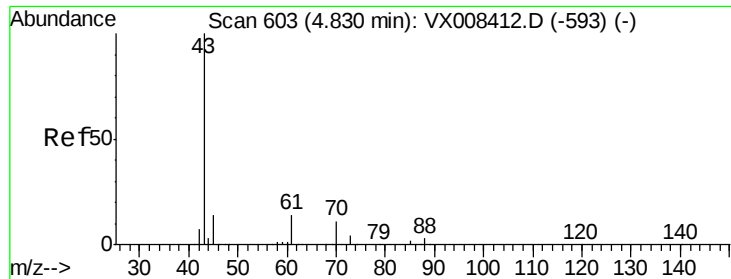
Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

Tgt Ion:	75	Resp:	141098
Ion	Ratio	Lower	Upper
75	100		
110	33.2	16.6	49.7
77	30.7	24.2	36.2





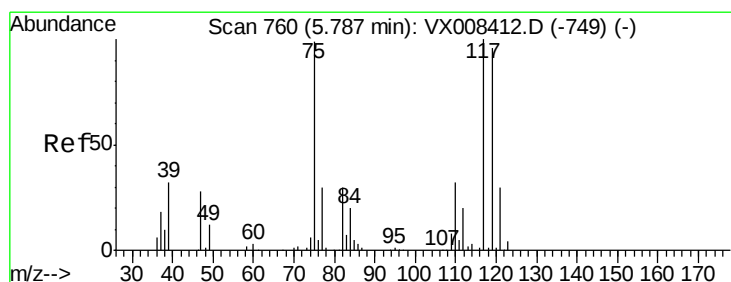
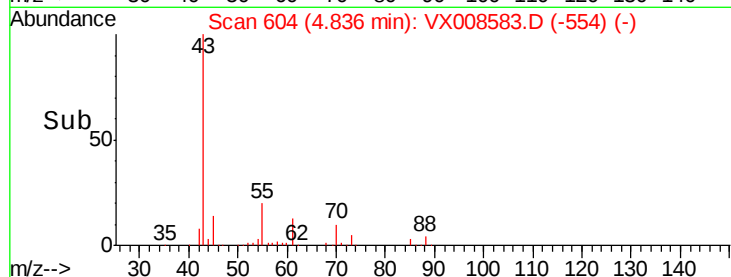
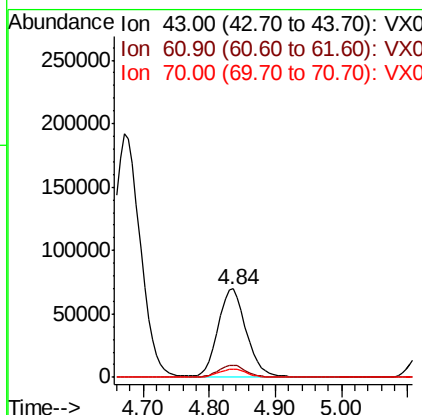
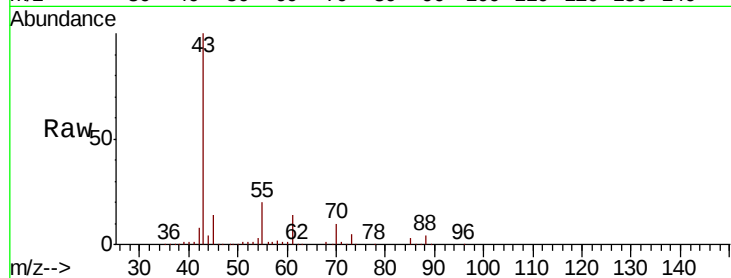
#37
Ethyl Acetate
Concen: 50.604 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	207314
Ion Ratio	100	Lower	Upper
43	100		
61	13.3	10.5	15.7
70	9.6	7.8	11.8

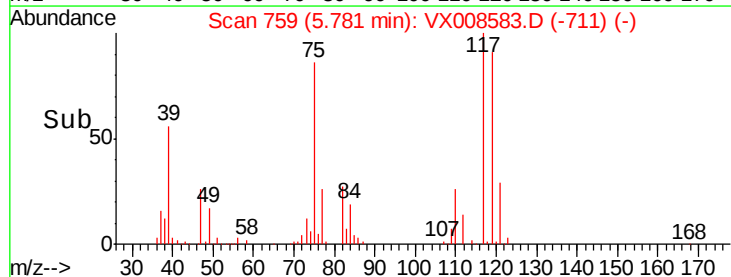
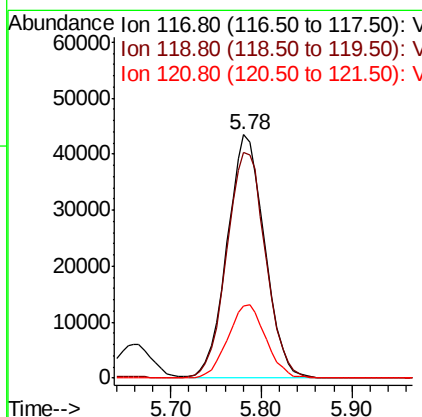
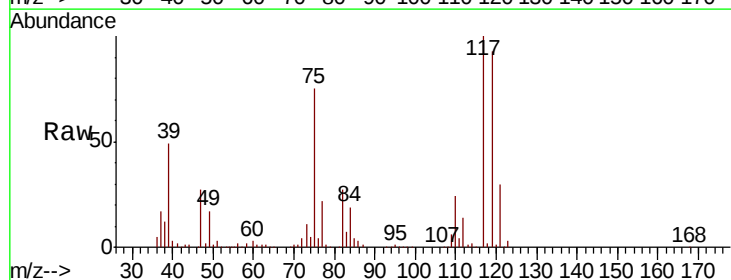
Manual Integrations
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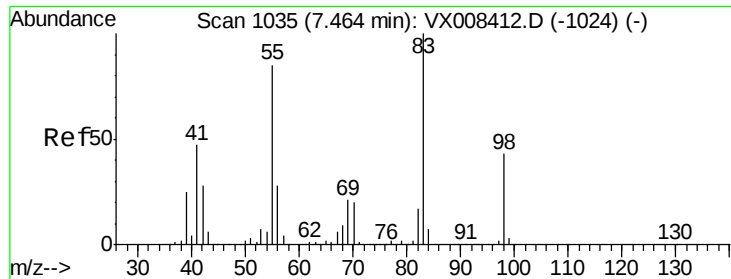
MMDadoda
4/2/2019 10:06:22 AM



#38
Carbon Tetrachloride
Concen: 47.167 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

Tgt Ion	117	Resp	124480
Ion Ratio	100	Lower	Upper
117	100		
119	92.4	76.7	115.1
121	29.7	24.3	36.5





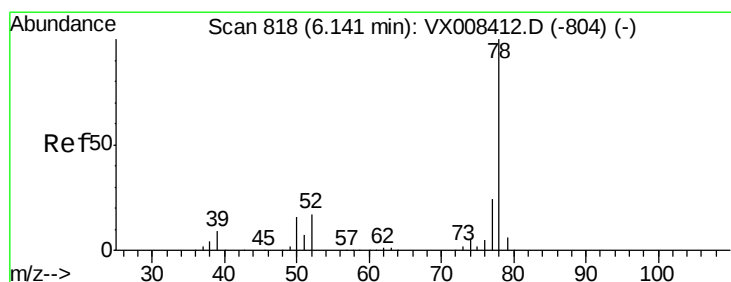
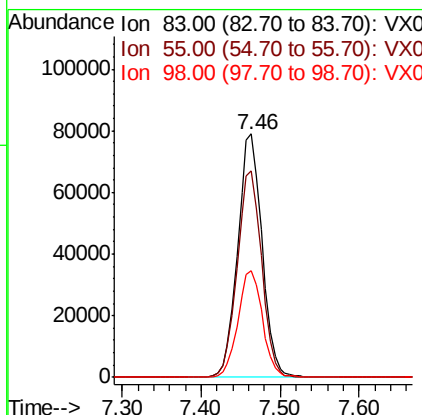
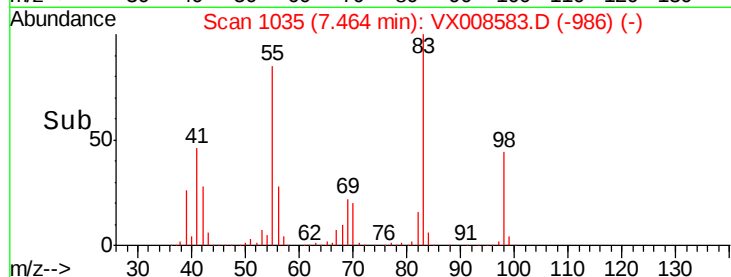
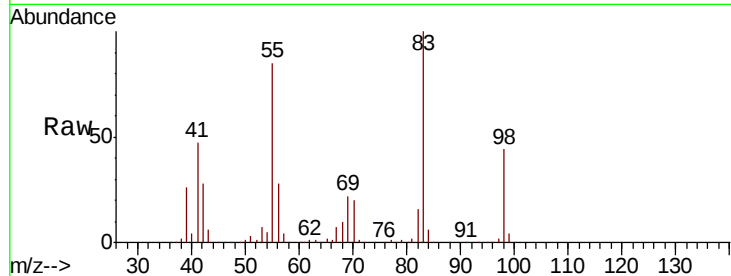
#39
Methvlcvclohexane
Concen: 44.895 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	84.9	68.2	102.4
98	43.9	34.2	51.4

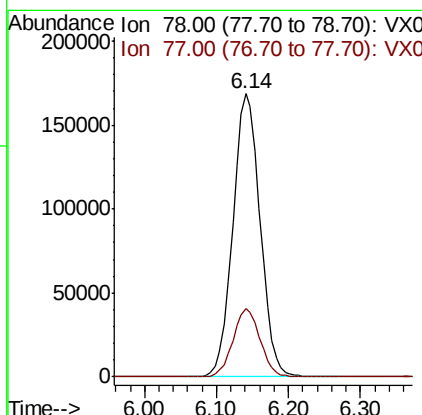
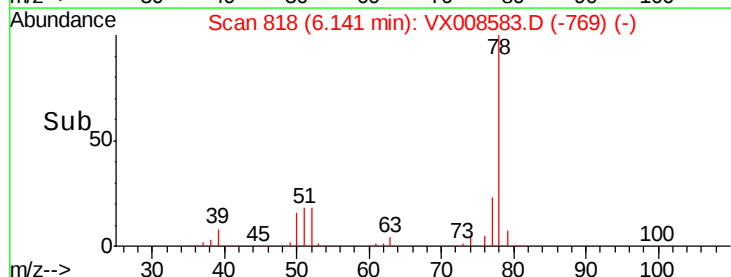
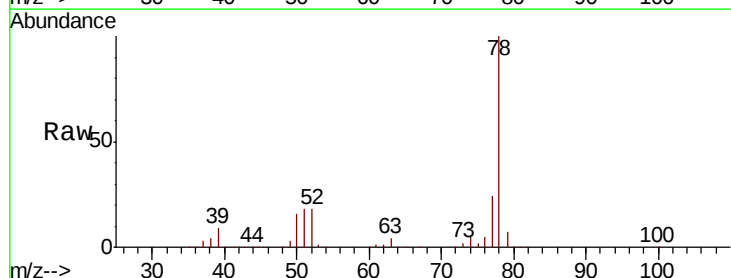
Manual Integrations
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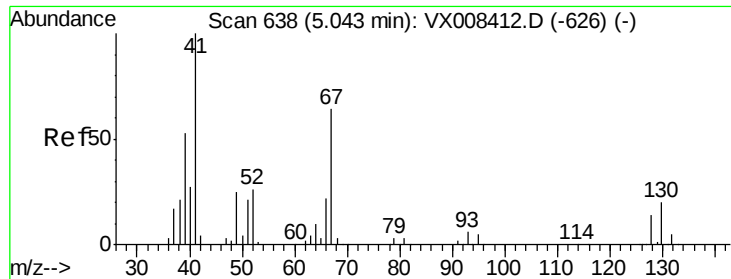
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#40
Benzene
Concen: 46.749 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.3	28.9





#41

Methacrylonitrile

Concen: 51.131 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 117720

Ion Ratio Lower Upper

41 100

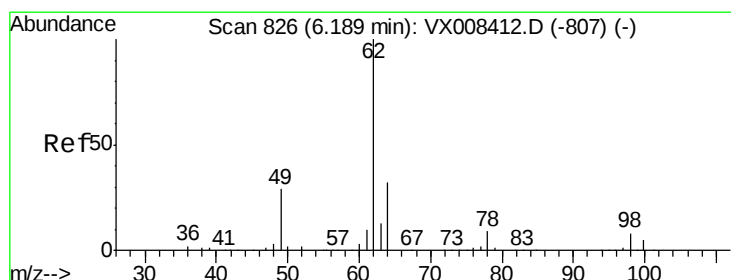
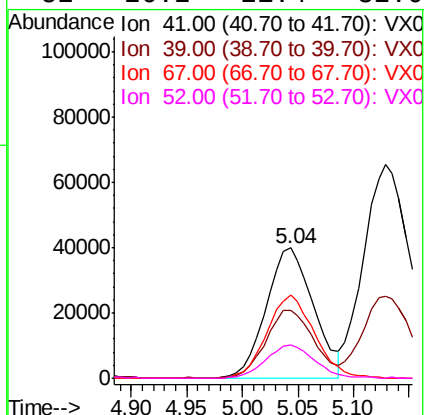
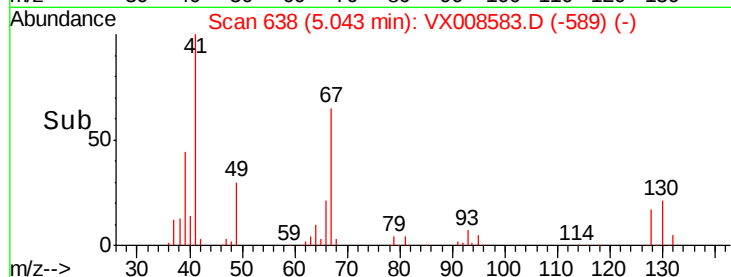
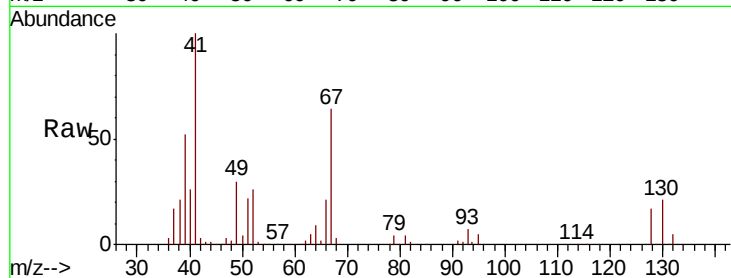
39 53.1 42.6 64.0

67 64.3 52.2 78.4

52 26.2 21.4 32.0

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 45.805 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX008583.D

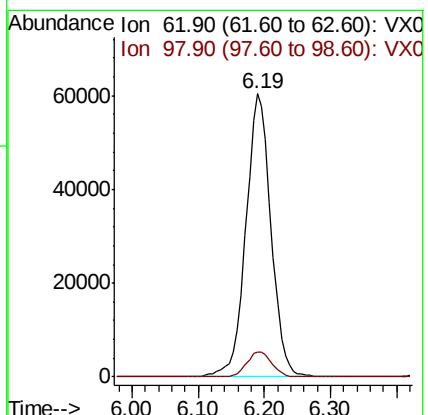
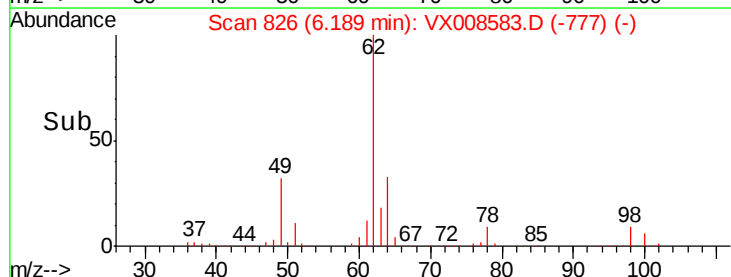
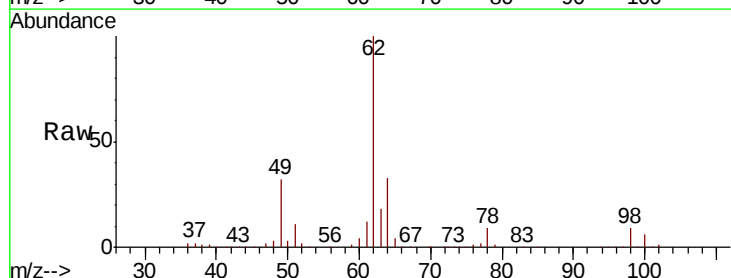
Acq: 01 Apr 2019 20:49

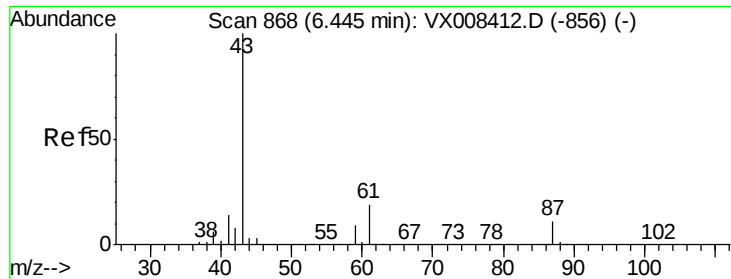
Tgt Ion: 62 Resp: 158775

Ion Ratio Lower Upper

62 100

98 8.9 0.0 17.6





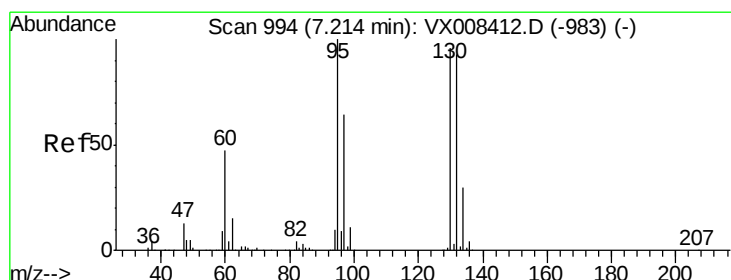
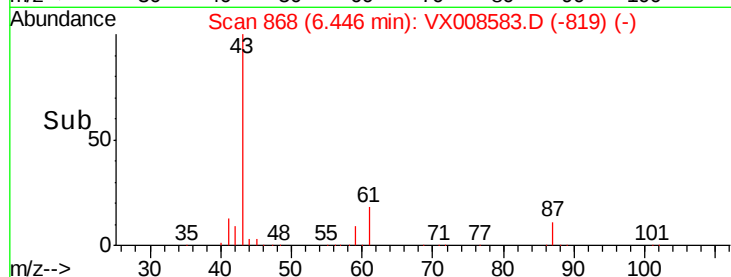
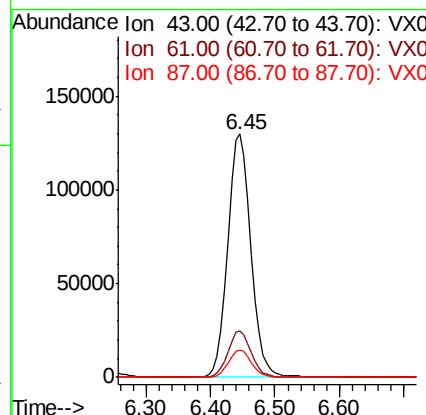
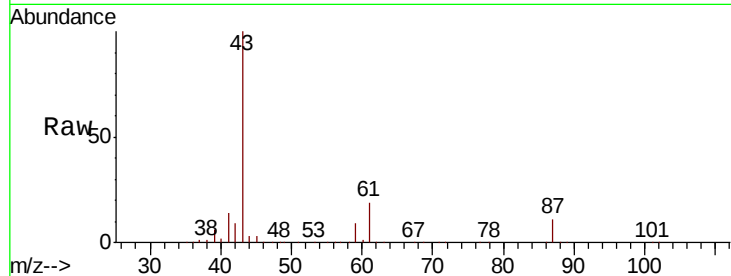
#43
Isopropyl Acetate
Concen: 50.006 ug/l
RT: 6.45 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.4	23.2
87	11.4	9.1	13.7

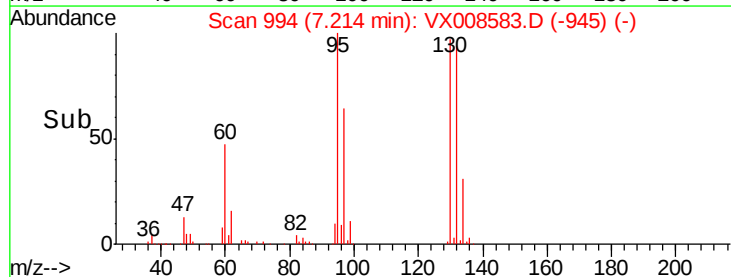
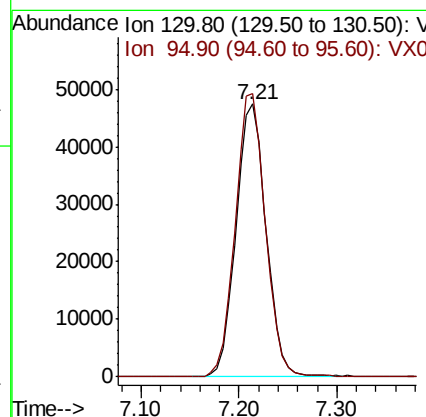
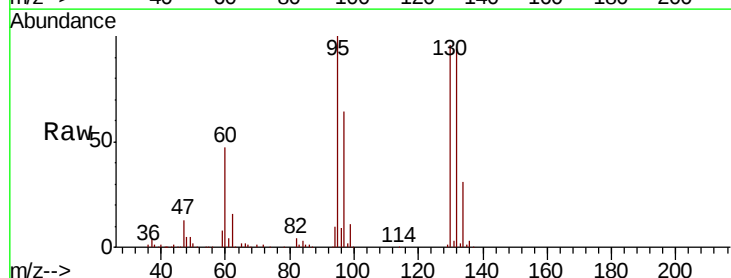
Manual Integrations
APPROVED

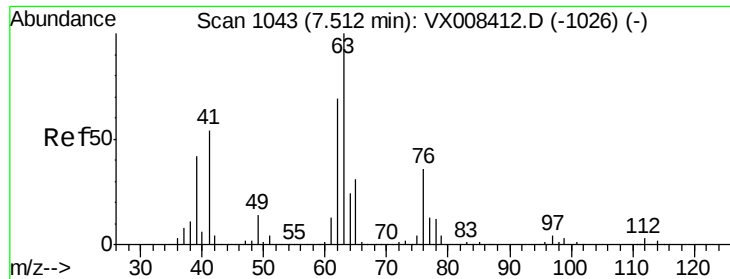
MMDadoda
4/2/2019 10:06:22 AM



#44
Trichloroethene
Concen: 45.556 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.8	0.0	208.8





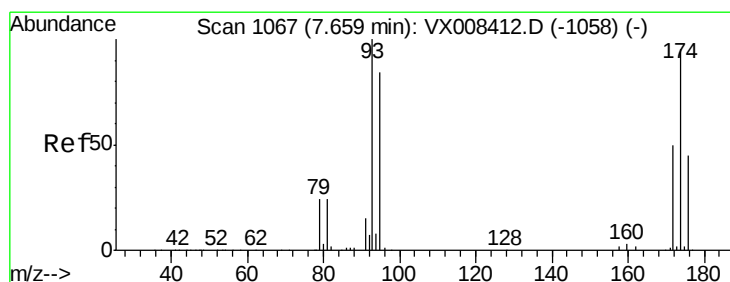
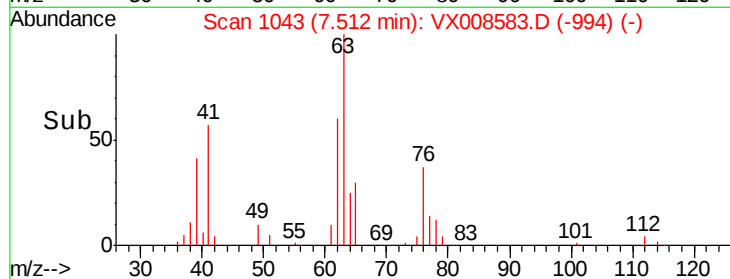
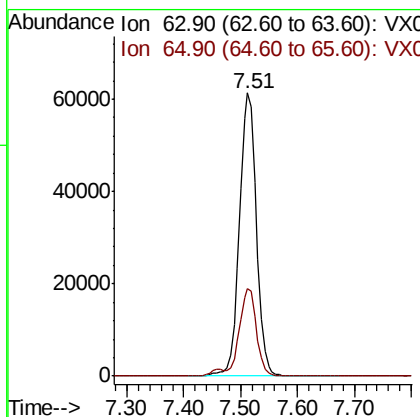
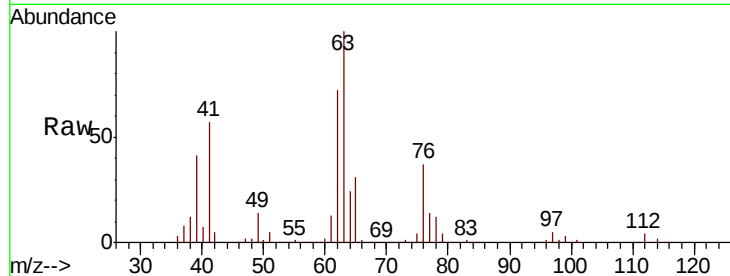
#45
 1,2-Dichloropropane
 Concen: 47.806 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX008583.D
 Acq: 01 Apr 2019 20:49

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050EC

Tot Ion: 63 Resp: 128645
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.1 37.7

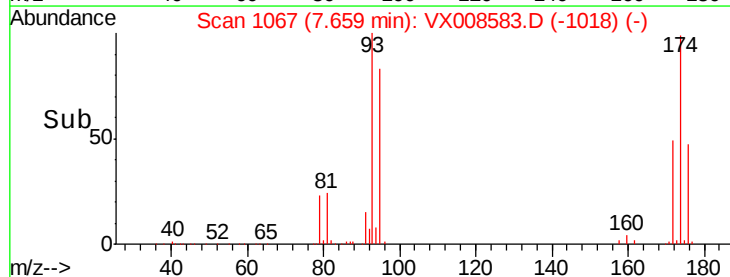
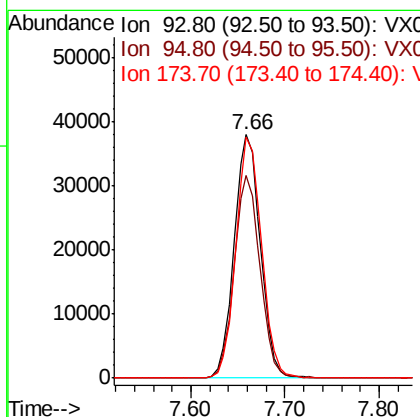
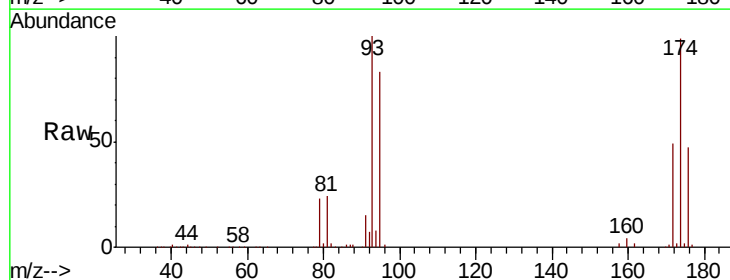
Manual Integrations
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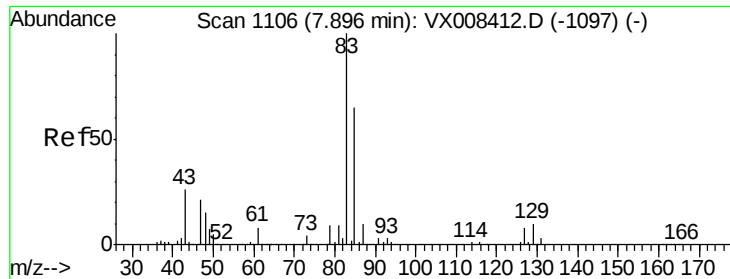
MMDadoda
 4/2/2019 10:06:22 AM



#46
 Dibromomethane
 Concen: 46.784 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX008583.D
 Acq: 01 Apr 2019 20:49

Tgt Ion: 93 Resp: 73517
 Ion Ratio Lower Upper
 93 100
 95 82.2 67.0 100.6
 174 97.1 76.0 114.0





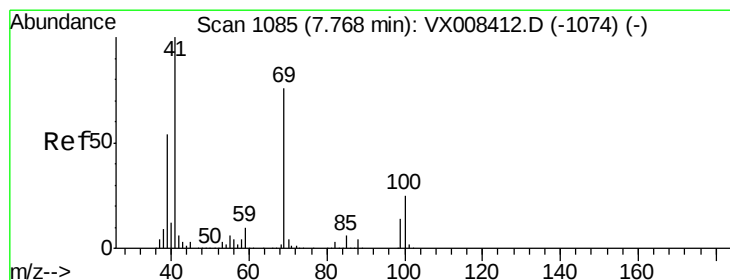
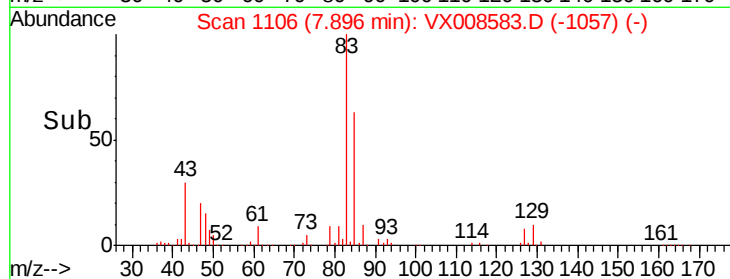
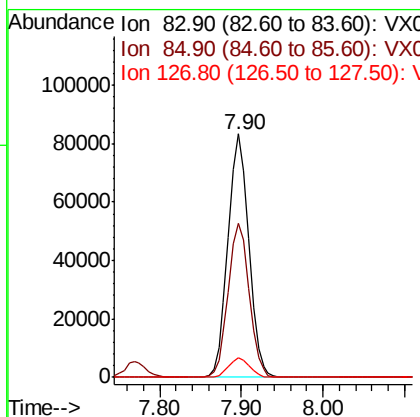
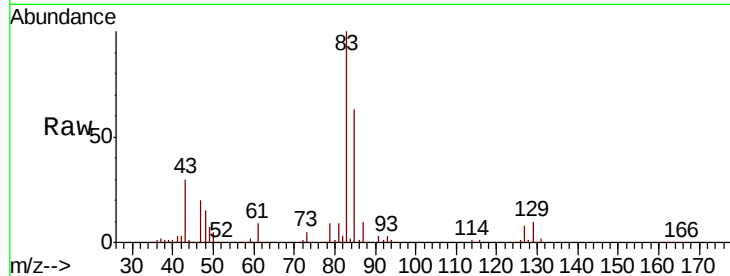
#47
 Bromodichloromethane
 Concen: 48.765 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: VX008583.D
 Acq: 01 Apr 2019 20:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	146676		
85	63.3	52.0	78.0	
127	8.2	6.4	9.6	

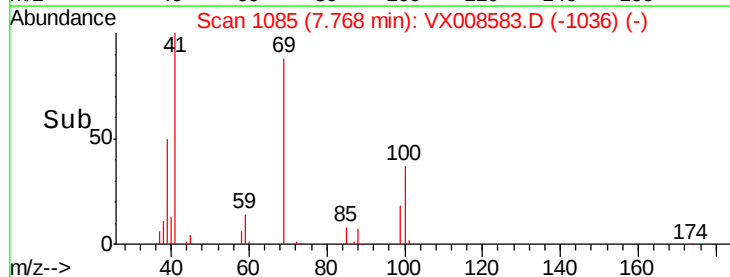
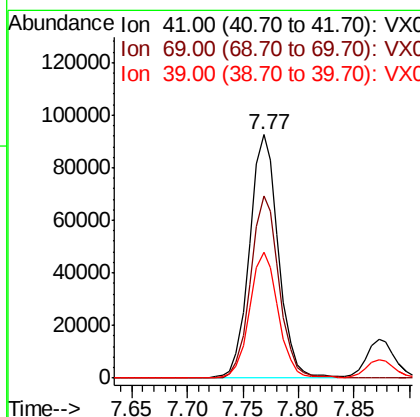
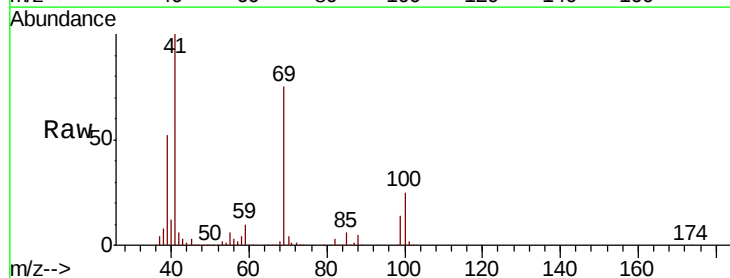
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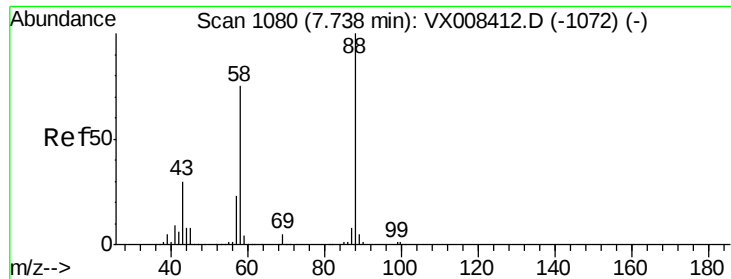
MMDadoda
 4/2/2019 10:06:22 AM



#48
 Methyl methacrylate
 Concen: 50.689 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. 0.00 min
 Lab File: VX008583.D
 Acq: 01 Apr 2019 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	166198		
69	74.4	60.8	91.2	
39	51.2	42.3	63.5	





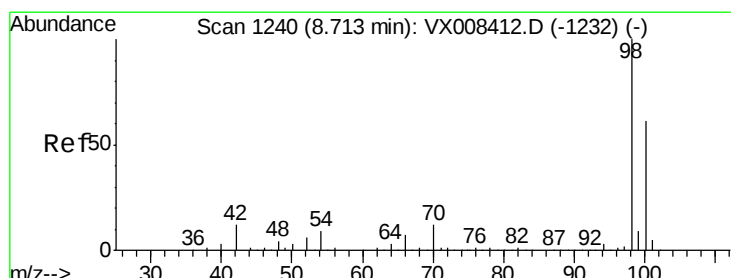
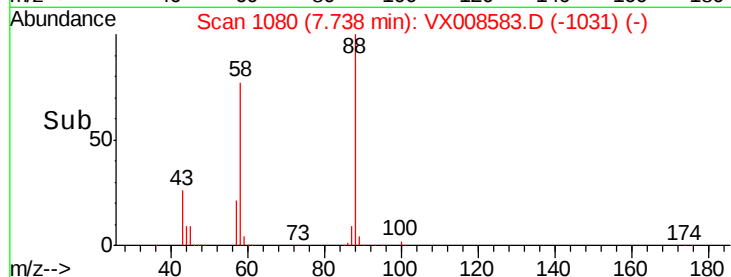
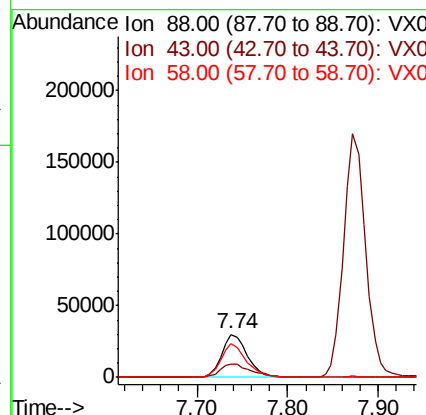
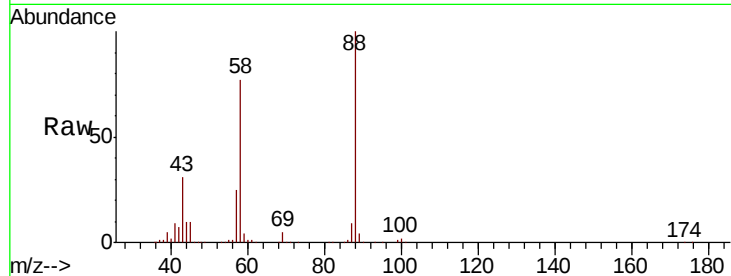
#49
 1,4-Dioxane
 Concen: 902.233 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: VX008583.D
 Acq: 01 Apr 2019 20:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	88	Resp	58820
Ion	Ratio	Lower	Upper
88	100		
43	36.7	28.6	43.0
58	78.7	63.0	94.4

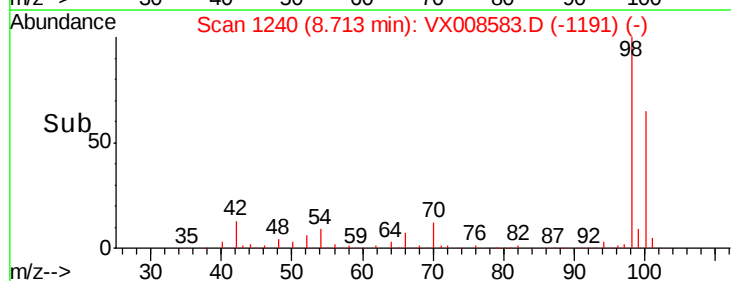
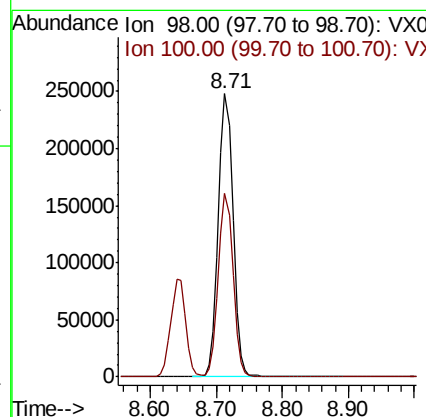
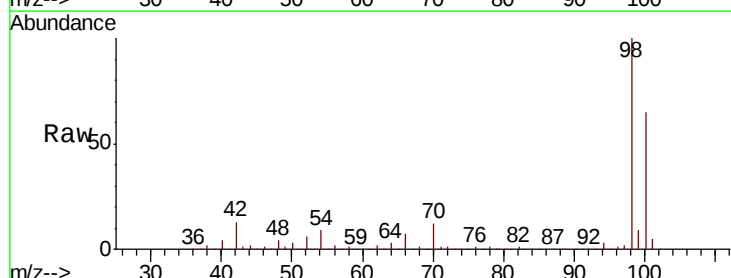
Manual Integrations
 APPROVED

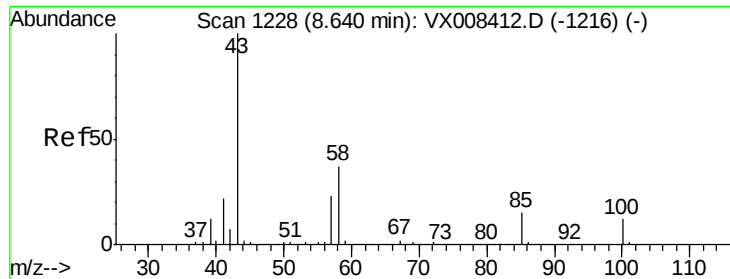
MMDadoda
 4/2/2019 10:06:22 AM



#50
 Toluene-d8
 Concen: 49.738 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX008583.D
 Acq: 01 Apr 2019 20:49

Tgt Ion	98	Resp	384625
Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.1	76.7





#51

4-Methyl-2-Pentanone

Concen: 260.138 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1107189

Ion Ratio Lower Upper

43 100

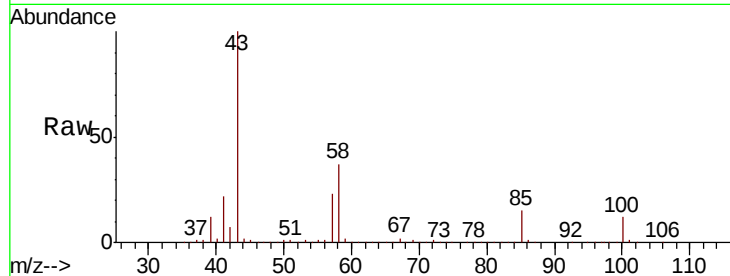
58 37.1 29.8 44.8

Manual Integrations

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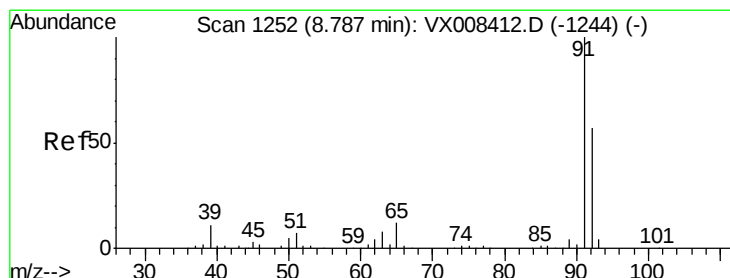
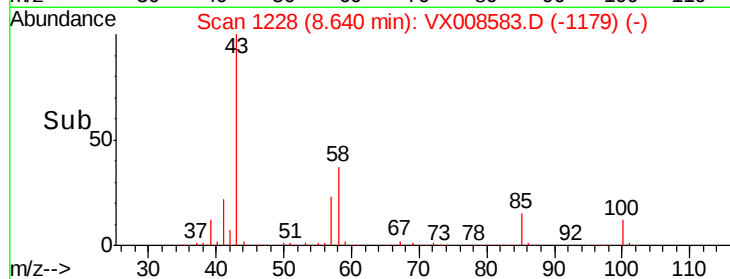
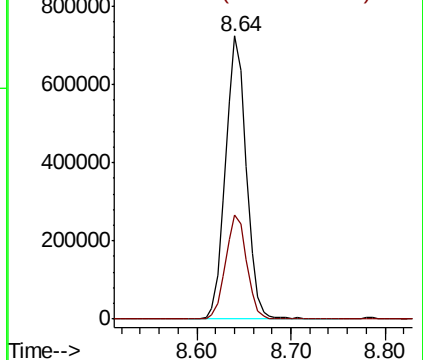
MMDadoda

4/2/2019 10:06:22 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 47.162 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008583.D

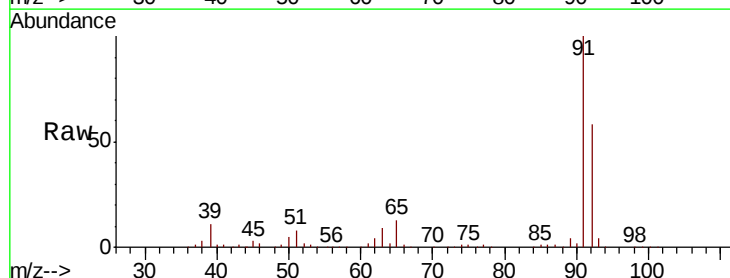
Acq: 01 Apr 2019 20:49

Tgt Ion: 92 Resp: 266973

Ion Ratio Lower Upper

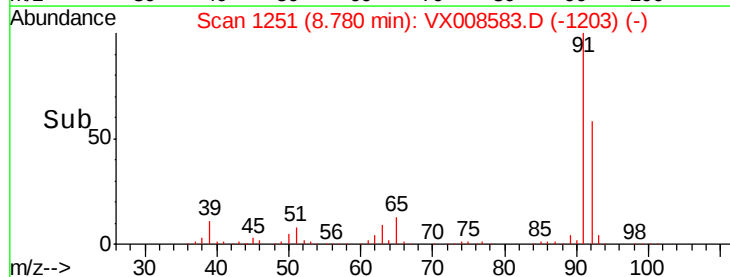
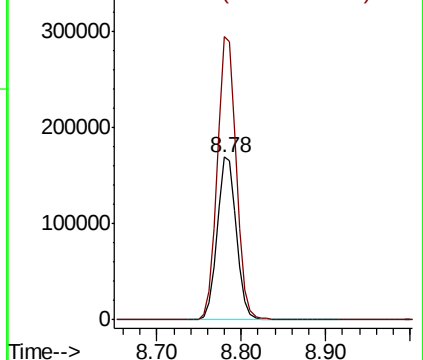
92 100

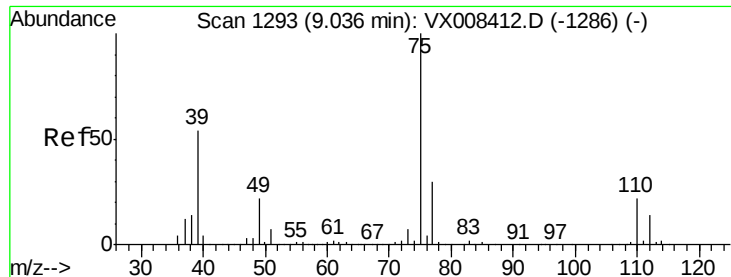
91 173.2 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





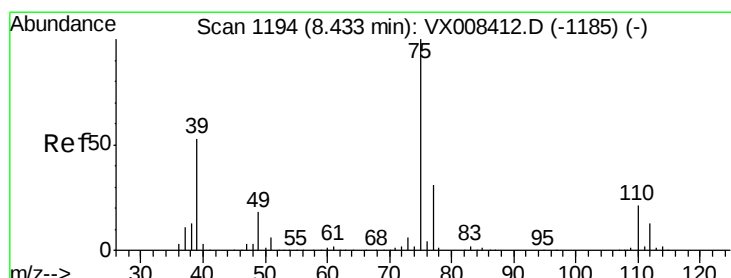
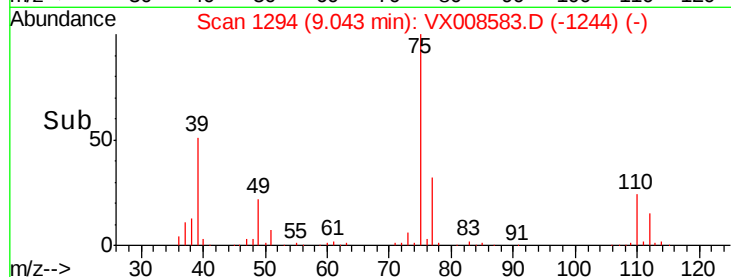
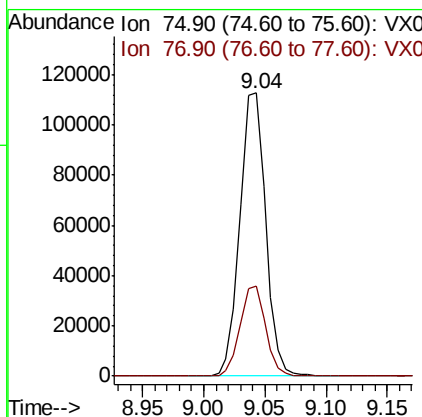
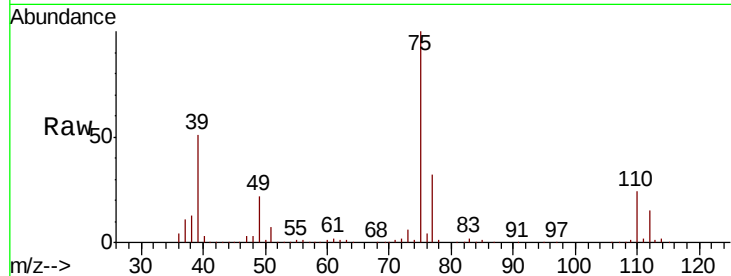
#53
 t-1,3-Dichloropropene
 Concen: 50.168 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX008583.D
 Acq: 01 Apr 2019 20:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 165277
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.3 36.5

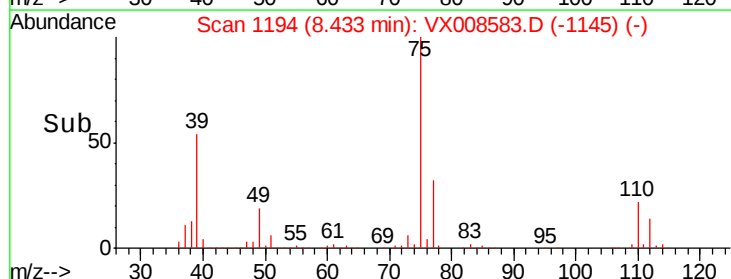
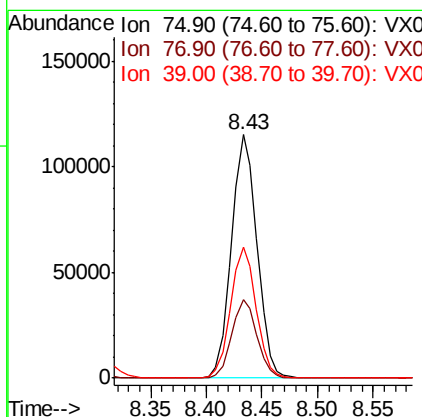
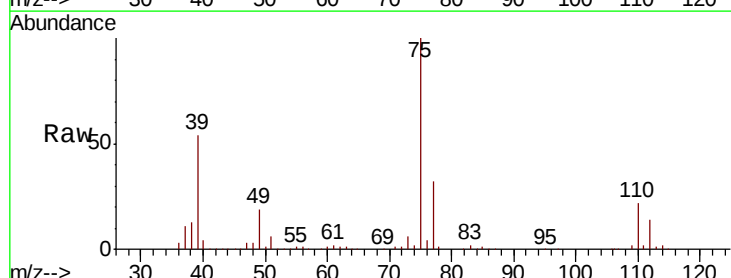
Manual Integrations
 APPROVED

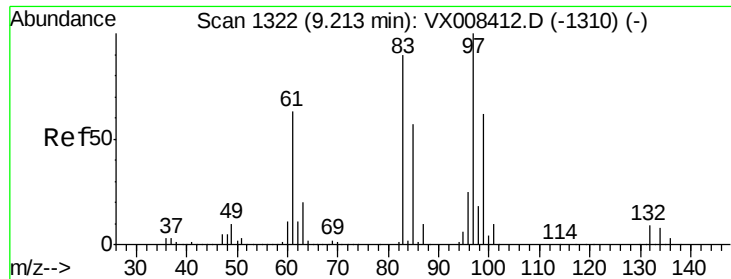
MMDadoda
 4/2/2019 10:06:22 AM



#54
 cis-1,3-Dichloropropene
 Concen: 48.847 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX008583.D
 Acq: 01 Apr 2019 20:49

Tgt Ion: 75 Resp: 182992
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.7 37.1
 39 53.7 42.4 63.6





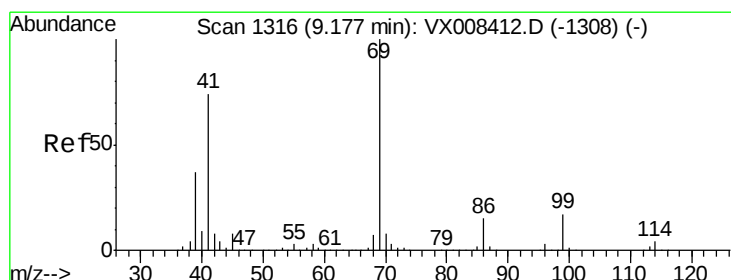
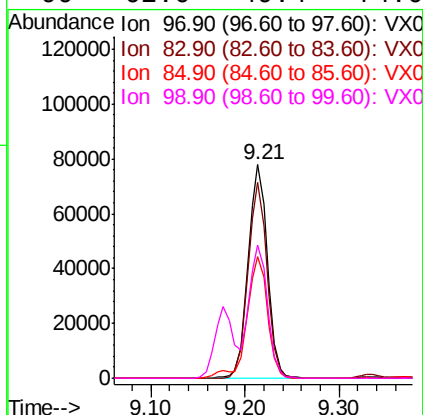
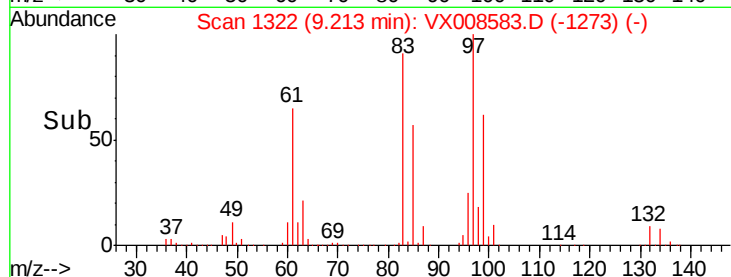
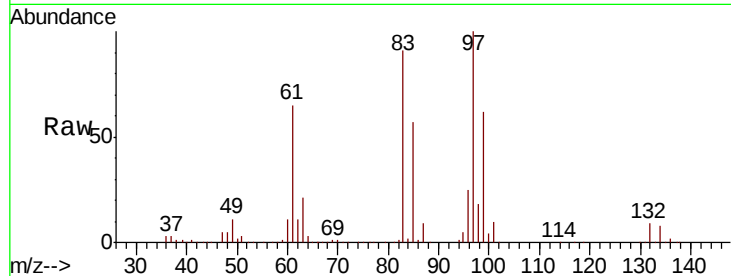
#55
 1,1,2-Trichloroethane
 Concen: 48.643 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008583.D
 Acq: 01 Apr 2019 20:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	112090
Ion	Ratio	Lower	Upper
97	100		
83	91.4	71.8	107.6
85	56.7	45.9	68.9
99	62.0	49.4	74.0

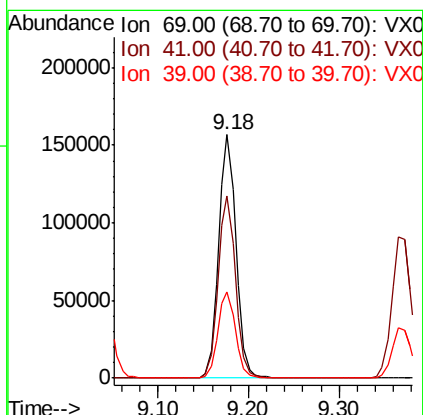
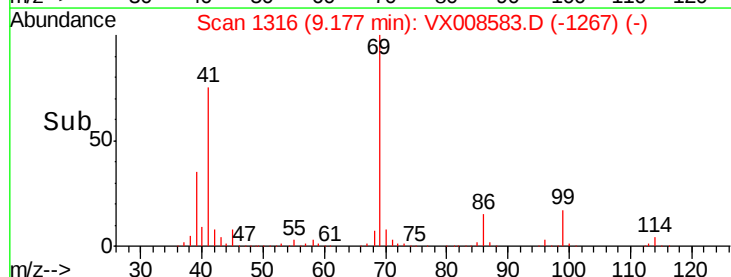
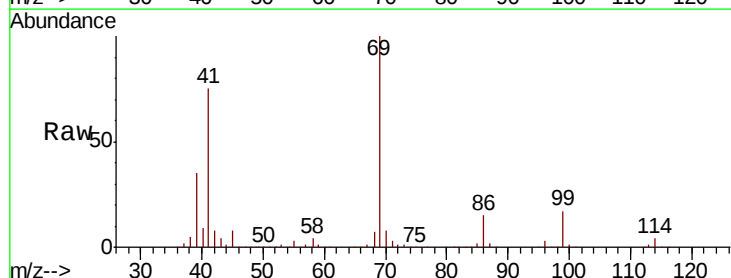
Manual Integrations
 APPROVED

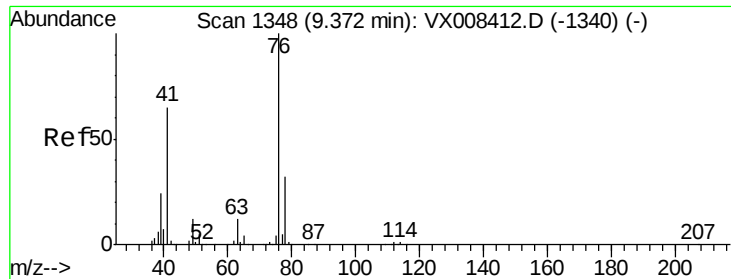
MMDadoda
 4/2/2019 10:06:22 AM



#56
 Ethyl methacrylate
 Concen: 50.682 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008583.D
 Acq: 01 Apr 2019 20:49

Tgt Ion:	69	Resp:	210812
Ion	Ratio	Lower	Upper
69	100		
41	74.5	59.5	89.3
39	35.8	29.3	43.9





#57

1,3-Dichloropropane

Concen: 47.739 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 197232

Ion Ratio Lower Upper

76 100

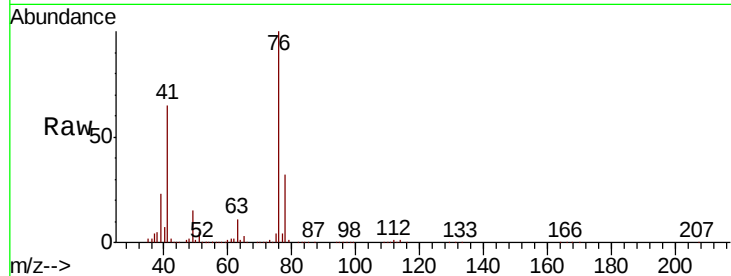
78 32.1 25.8 38.8

Manual Integrations

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MMDadoda

4/2/2019 10:06:22 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

150000

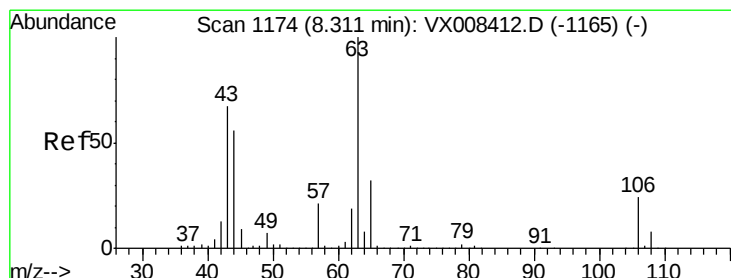
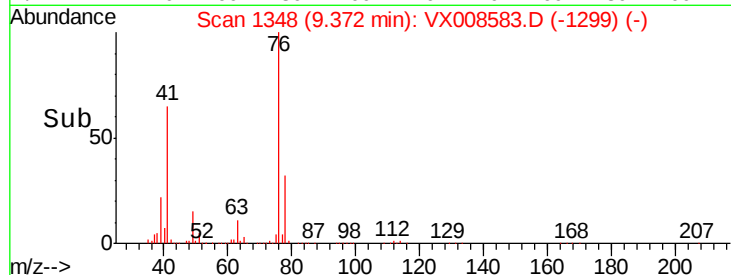
100000

50000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 257.125 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX008583.D

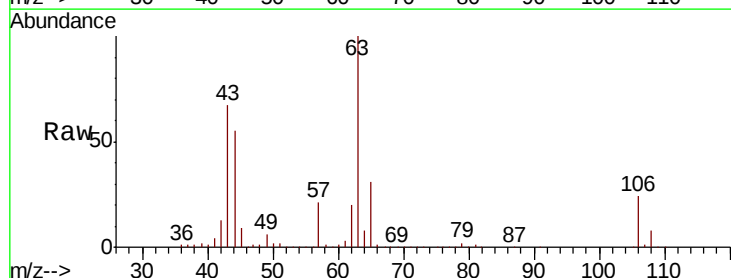
Acq: 01 Apr 2019 20:49

Tgt Ion: 63 Resp: 552853

Ion Ratio Lower Upper

63 100

106 23.8 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

400000

300000

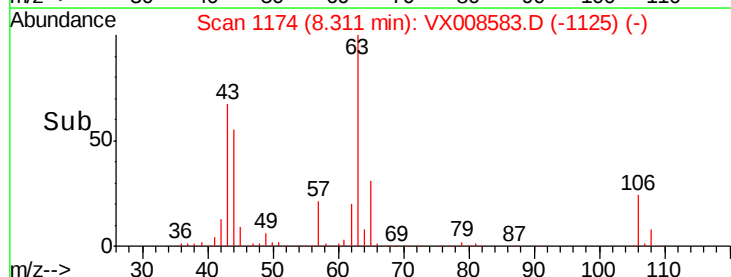
200000

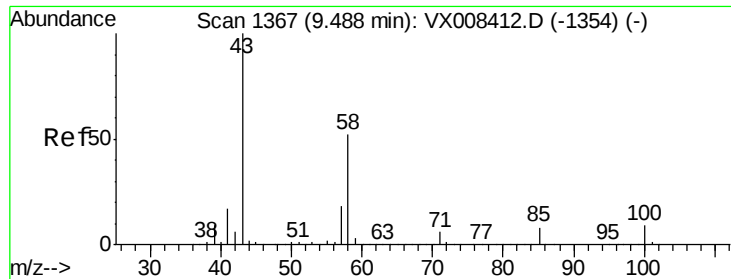
100000

0

8.20 8.30 8.40

Time-->





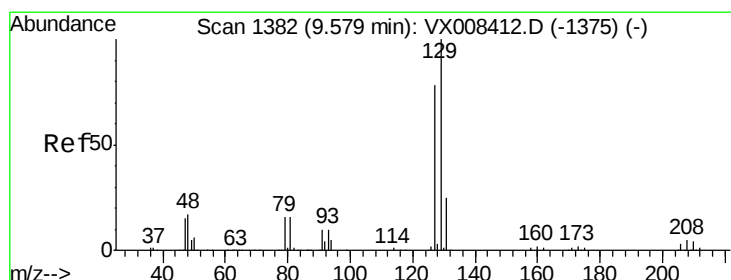
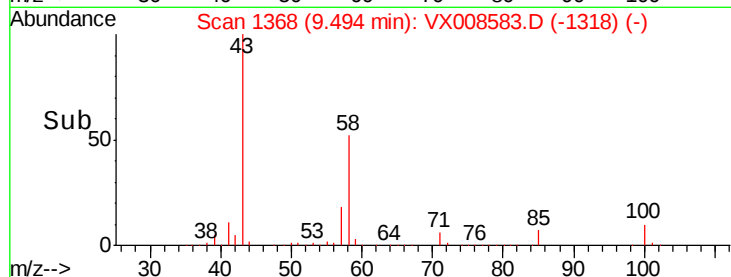
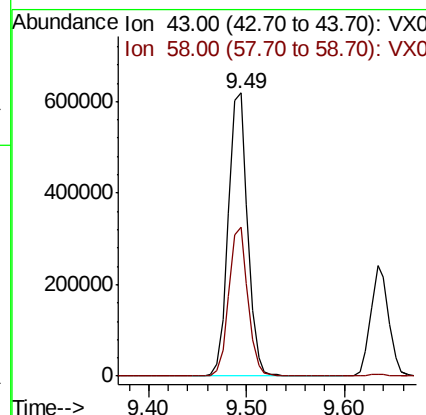
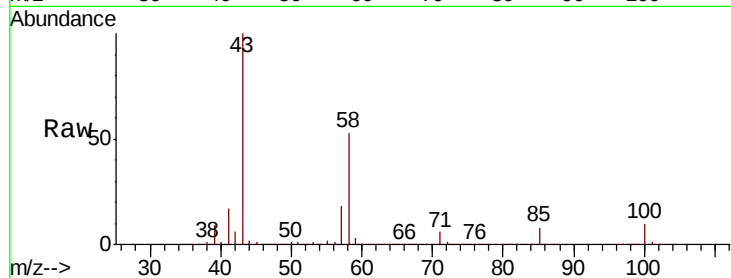
#59
2-Hexanone
Concen: 257.095 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 847874
Ion Ratio Lower Upper
43 100
58 52.0 26.3 78.9

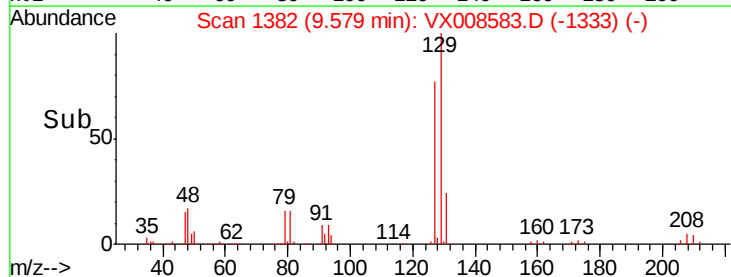
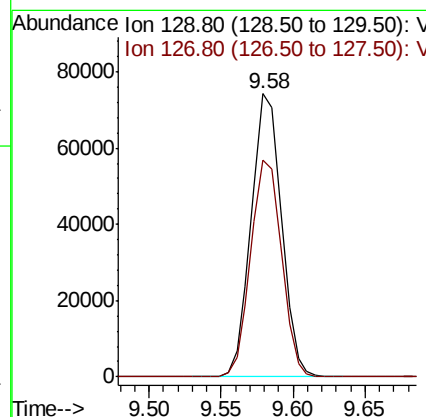
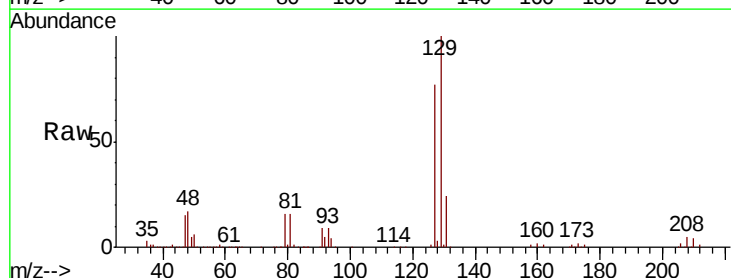
Manual Integrations
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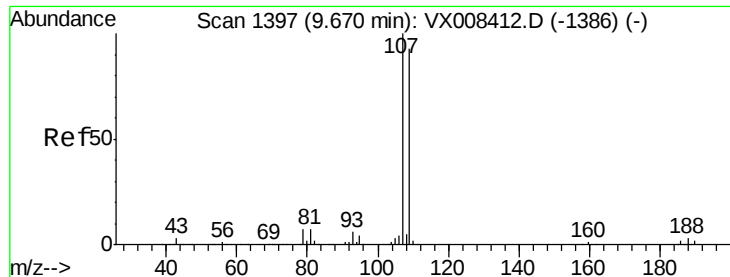
MMDadoda
4/2/2019 10:06:22 AM



#60
Dibromochloromethane
Concen: 49.307 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

Tgt Ion:129 Resp: 108054
Ion Ratio Lower Upper
129 100
127 77.9 38.1 114.3





#61

1,2-Dibromoethane

Concen: 48.194 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 113335

Ion Ratio Lower Upper

107 100

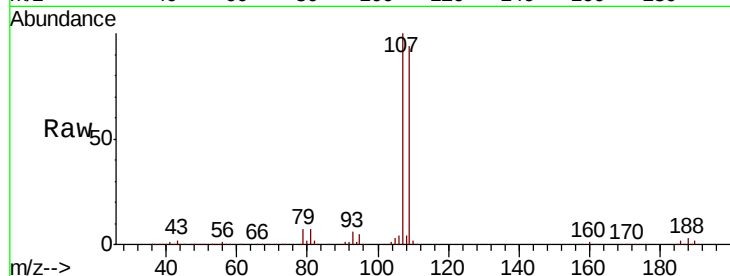
109 93.7 74.6 111.8

Manual Integrations

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MMDadoda

4/2/2019 10:06:22 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

80000

60000

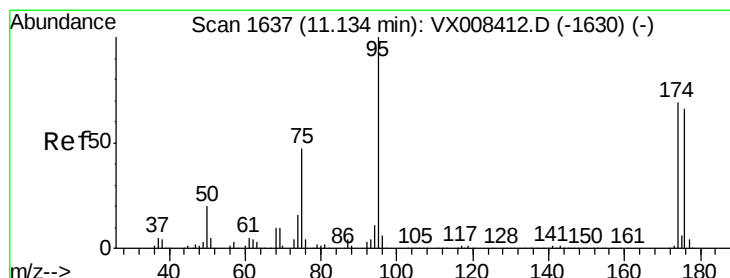
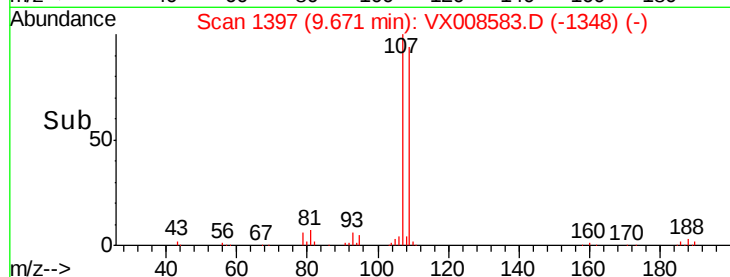
40000

20000

0

9.60 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 50.765 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

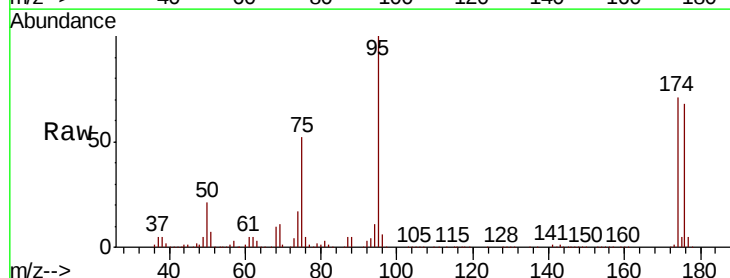
Tgt Ion: 95 Resp: 145471

Ion Ratio Lower Upper

95 100

174 75.8 0.0 147.2

176 72.9 0.0 142.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

150000

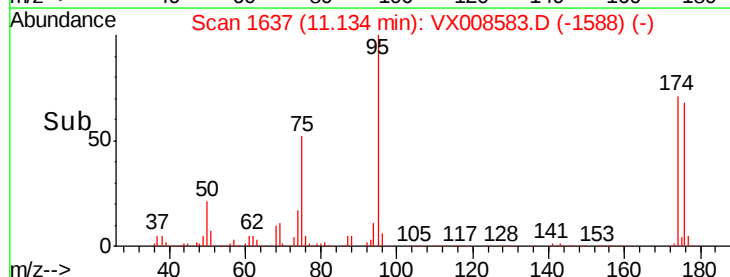
100000

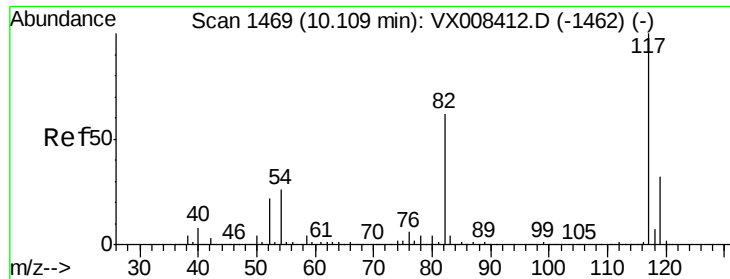
50000

0

11.10 11.20

Time-->





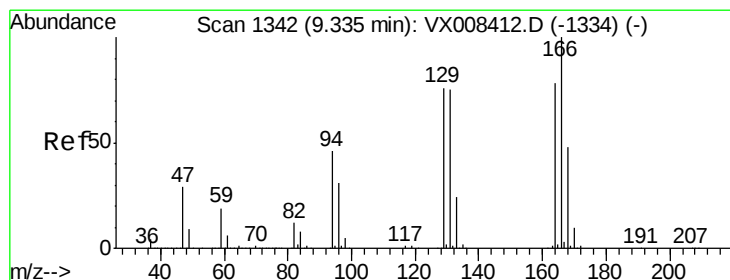
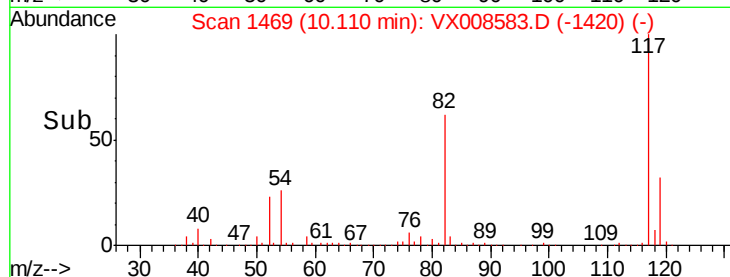
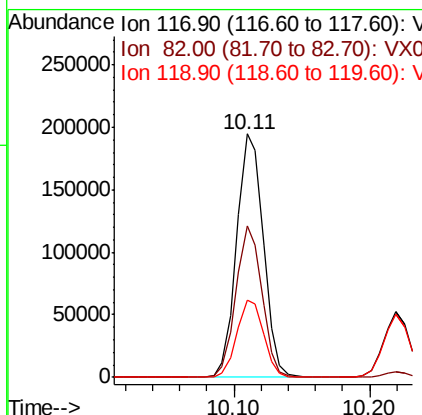
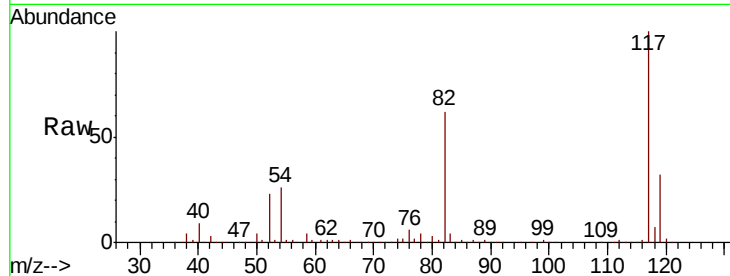
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	62.3	49.4	74.2
119	32.0	25.4	38.0

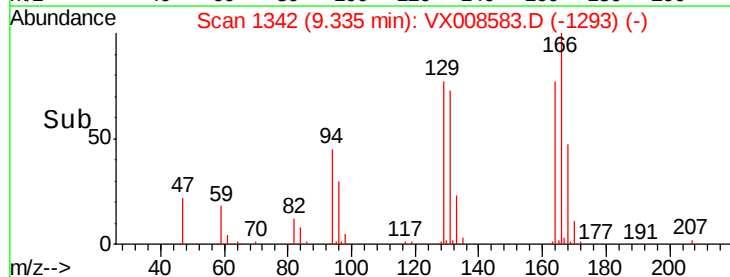
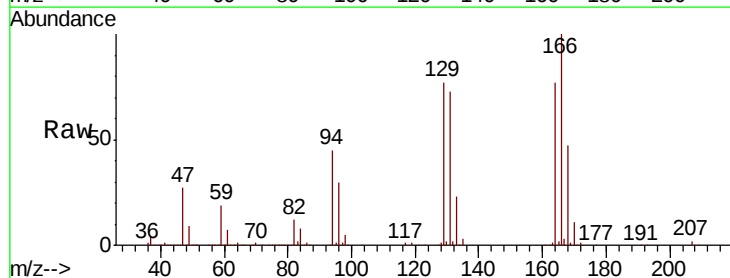
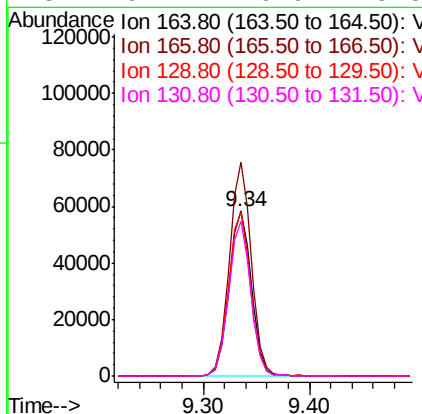
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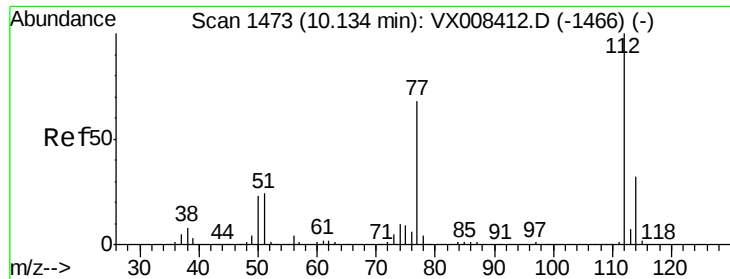
MMDadoda
4/2/2019 10:06:22 AM



#64
Tetrachloroethene
Concen: 47.471 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.6	102.5	153.7
129	99.2	77.8	116.8
131	94.4	76.9	115.3





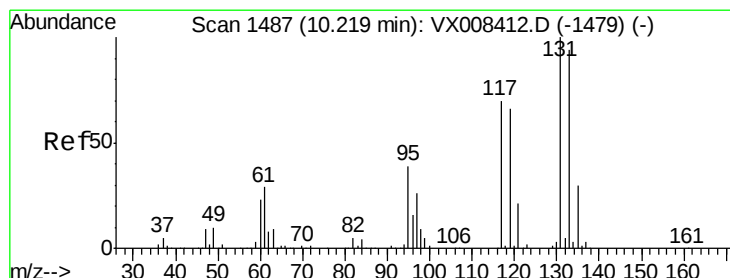
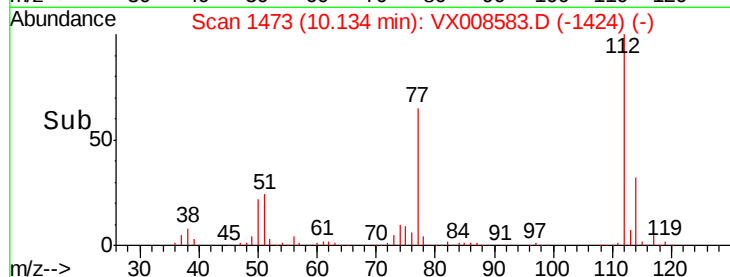
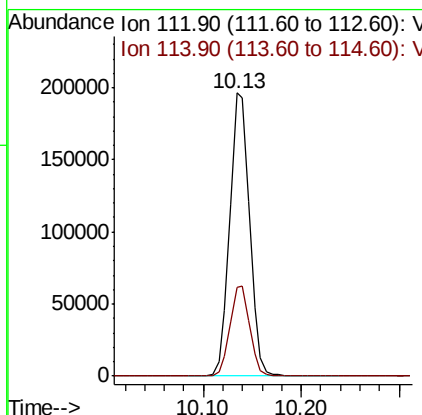
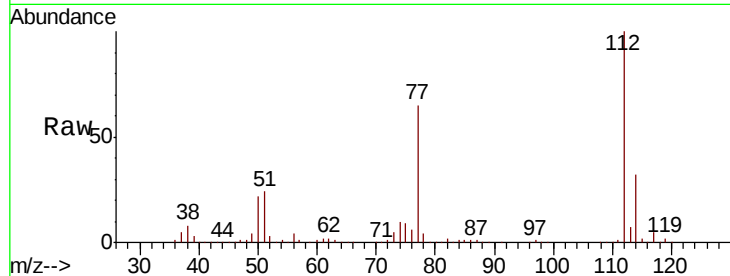
#65
Chlorobenzene
Concen: 47.591 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 276189
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2

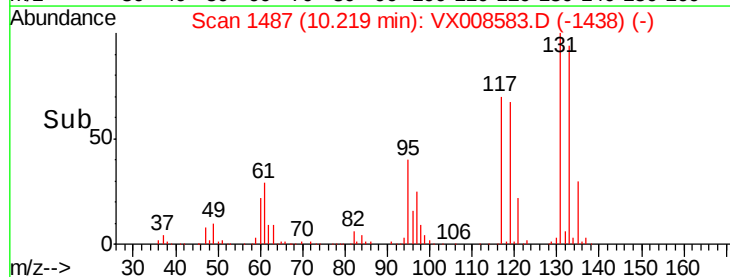
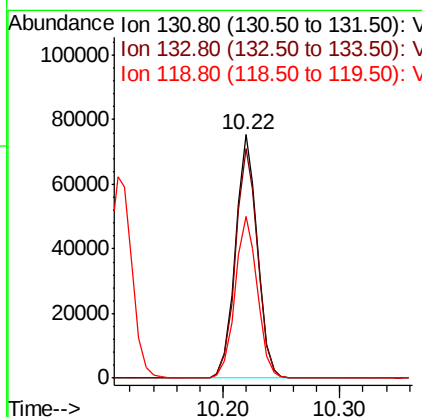
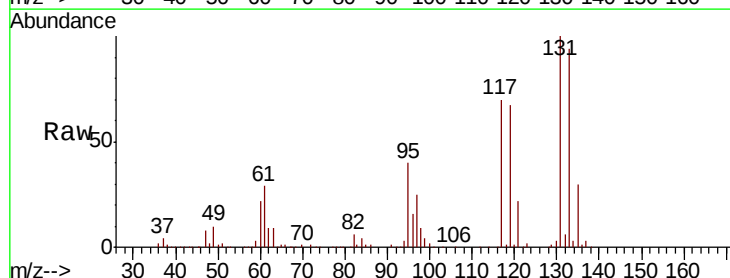
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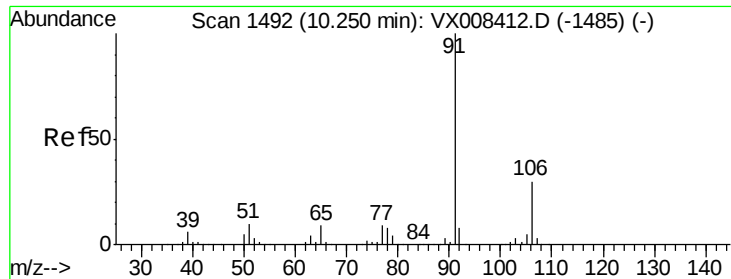
MMDadoda
4/2/2019 10:06:22 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.275 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

Tgt Ion:131 Resp: 98661
Ion Ratio Lower Upper
131 100
133 95.4 47.3 141.8
119 67.9 33.6 100.6





#67

Ethyl Benzene

Concen: 47.409 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 519261

Ion Ratio Lower Upper

91 100

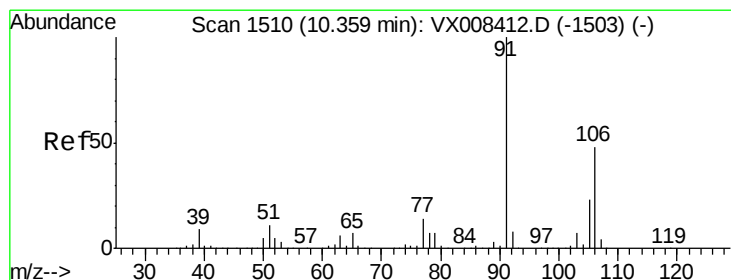
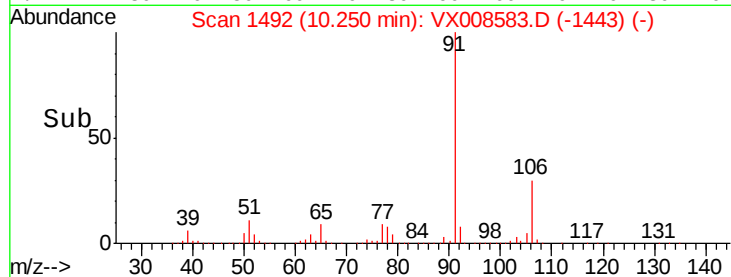
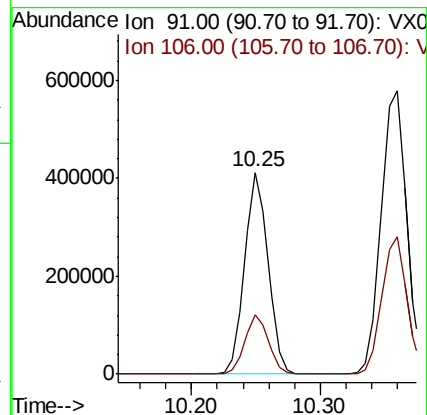
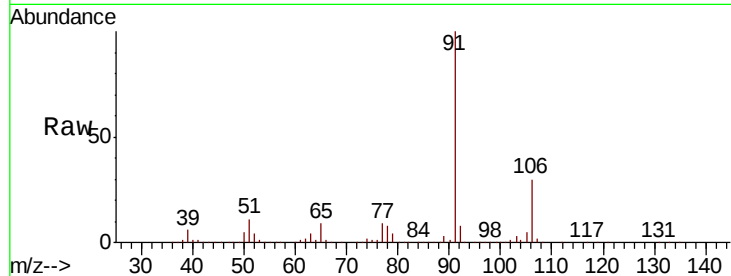
106 29.8 24.0 36.0

Manual Integrations

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MMDadoda

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#68

m/p-Xylenes

Concen: 94.603 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX008583.D

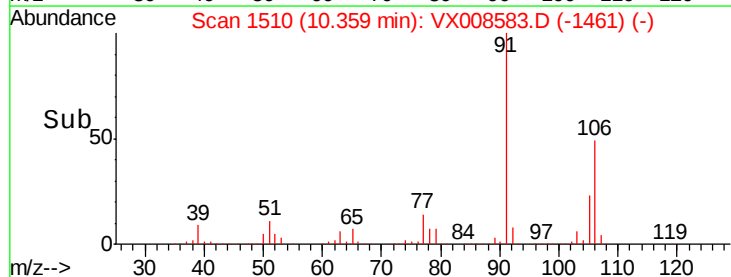
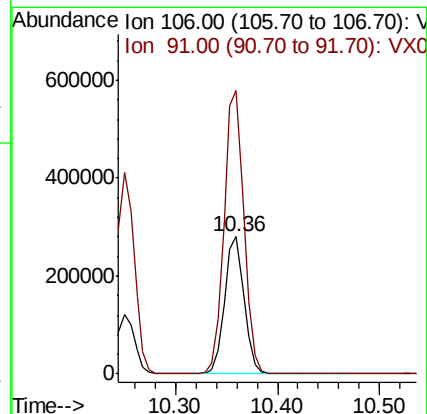
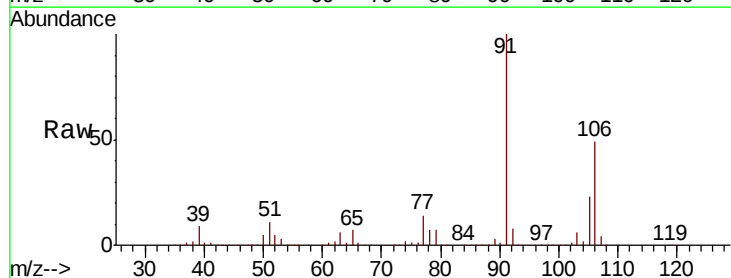
Acq: 01 Apr 2019 20:49

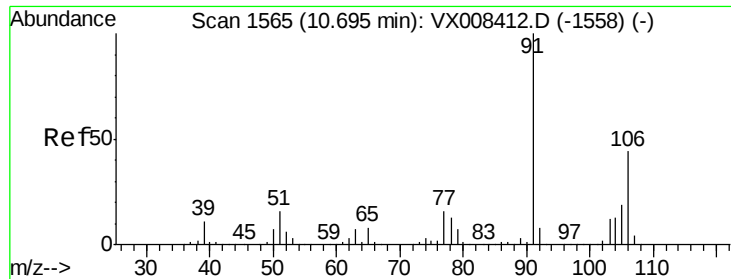
Tgt Ion: 106 Resp: 376951

Ion Ratio Lower Upper

106 100

91 209.3 168.6 253.0





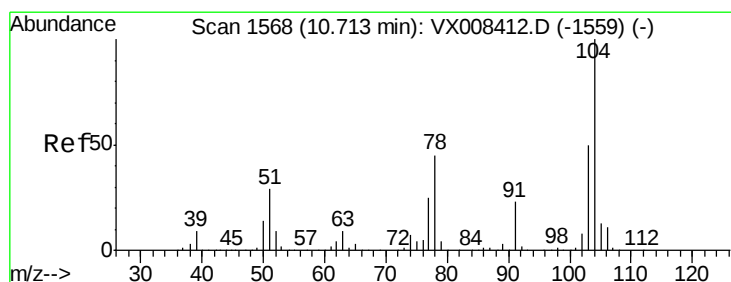
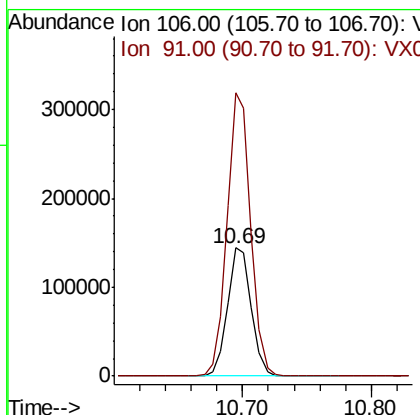
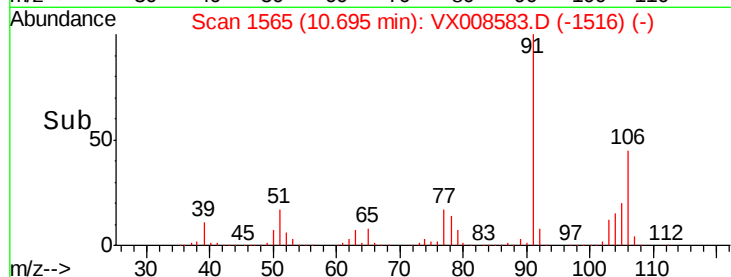
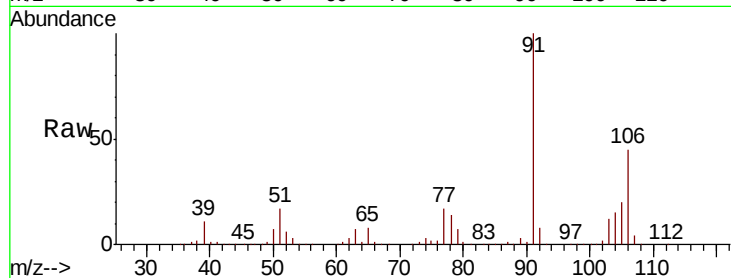
#69
o-Xylene
Concen: 48.326 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 186865
Ion Ratio Lower Upper
106 100
91 218.7 111.4 334.2

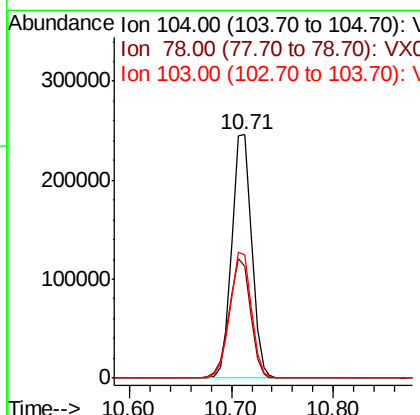
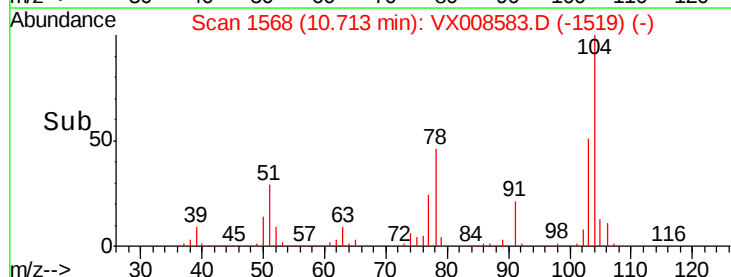
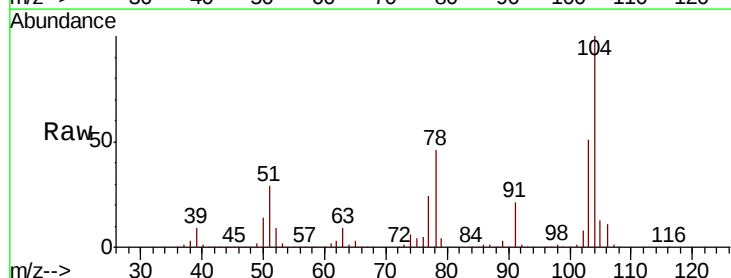
Manual Integrations
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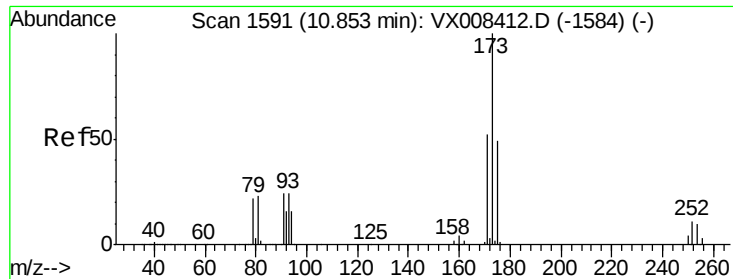
MMDadoda
4/2/2019 10:06:22 AM



#70
Styrene
Concen: 49.267 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

Tgt Ion:104 Resp: 329067
Ion Ratio Lower Upper
104 100
78 52.8 42.5 63.7
103 55.6 44.2 66.4





#71

Bromoform

Concen: 51.084 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 80775

Ion Ratio Lower Upper

173 100

175 48.7 24.3 72.8

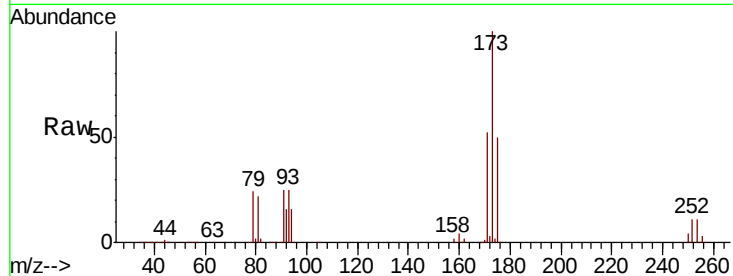
254 0.2 0.2 0.2

Manual Integrations

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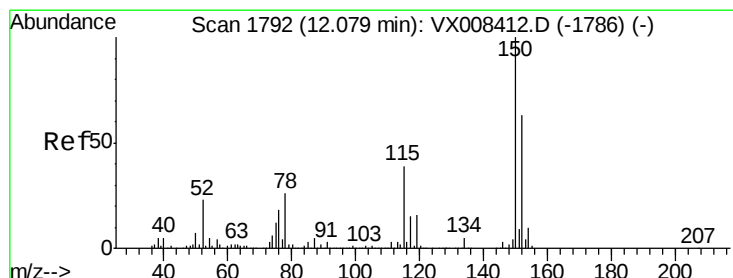
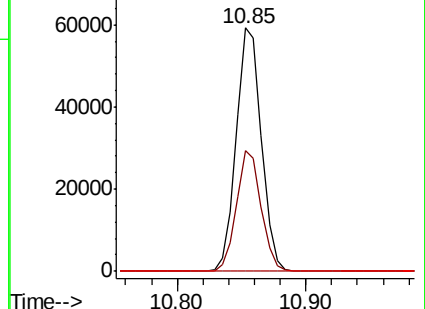
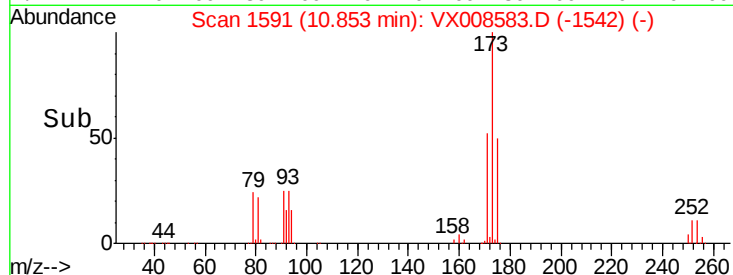
4/2/2019 10:06:22 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

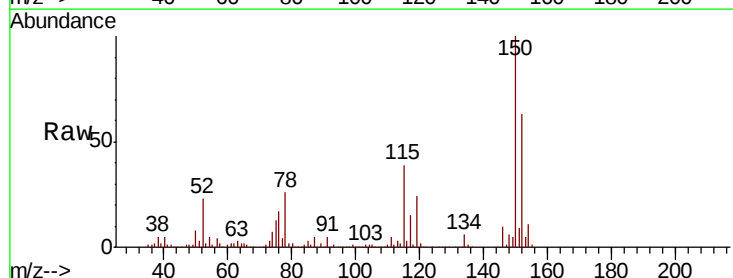
Tgt Ion:152 Resp: 126963

Ion Ratio Lower Upper

152 100

115 86.2 43.5 130.5

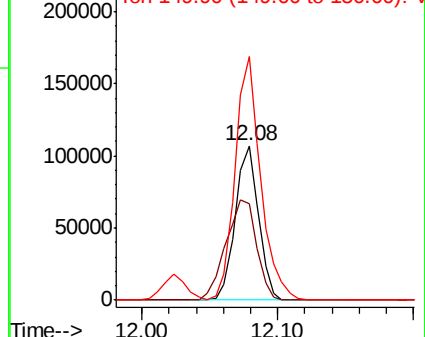
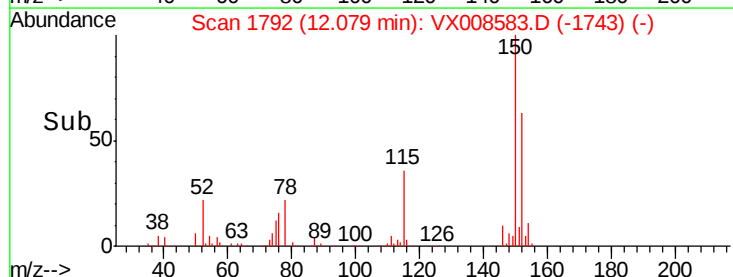
150 173.5 0.0 348.8

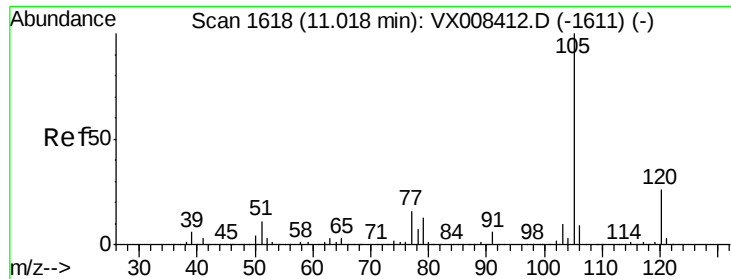


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.686 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 492548

Ion Ratio Lower Upper

105 100

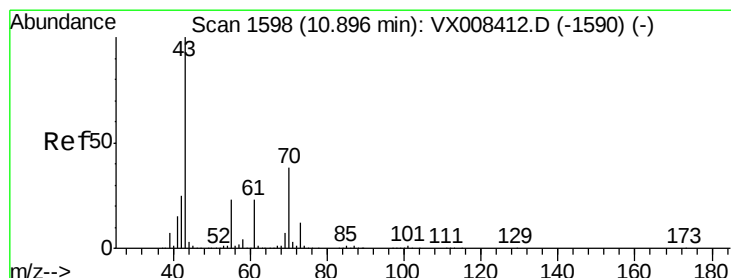
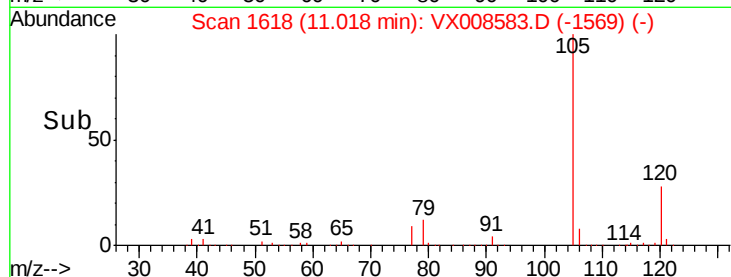
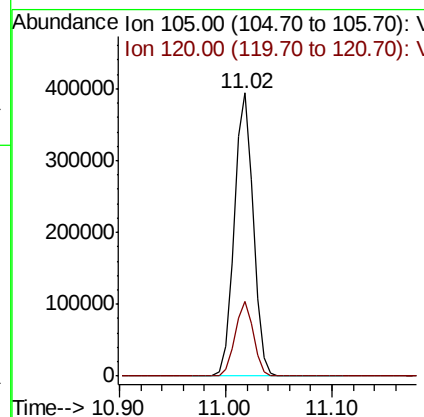
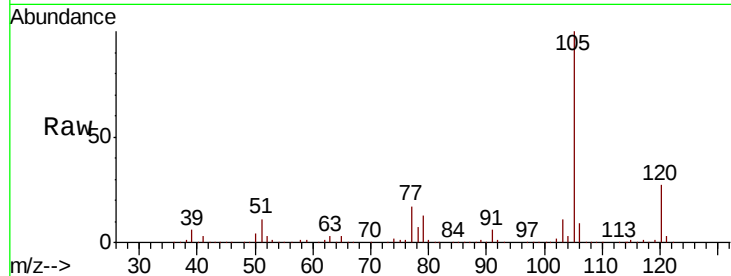
120 25.7 12.9 38.7

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#74

N-ethyl acetate

Concen: 49.969 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

Tgt Ion: 43 Resp: 298741

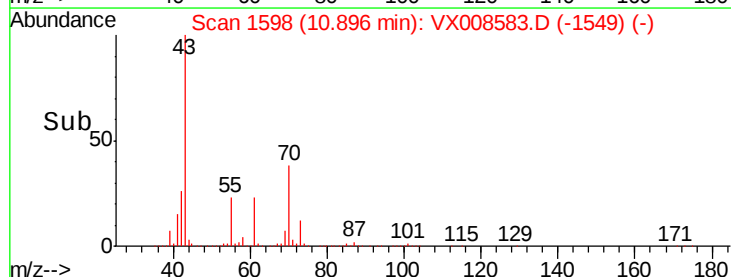
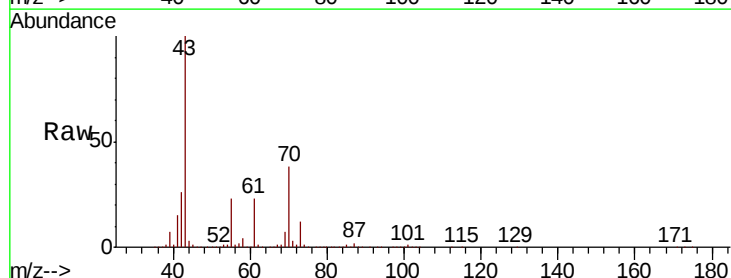
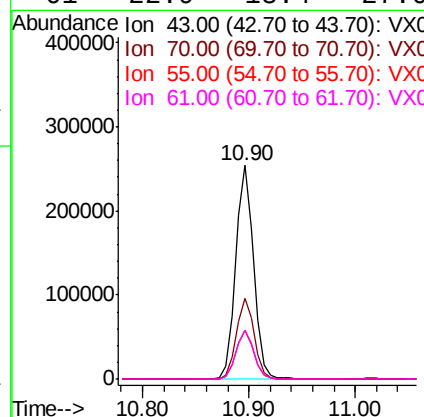
Ion Ratio Lower Upper

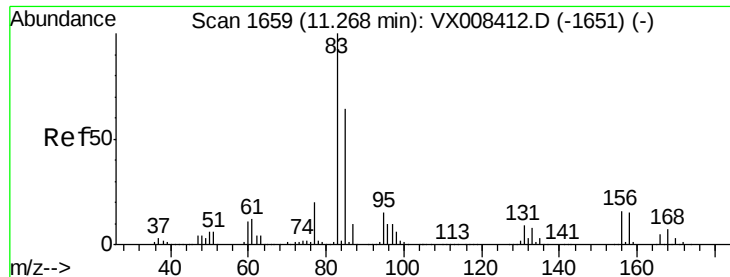
43 100

70 37.9 30.5 45.7

55 23.1 18.2 27.2

61 22.9 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 47.694 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

Instrument :

MSVOA_X

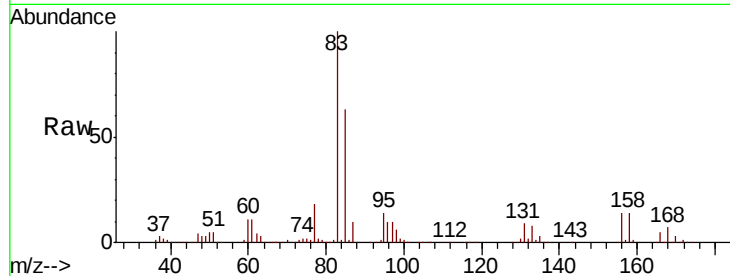
ClientSampleId :

VSTDCCC050EC

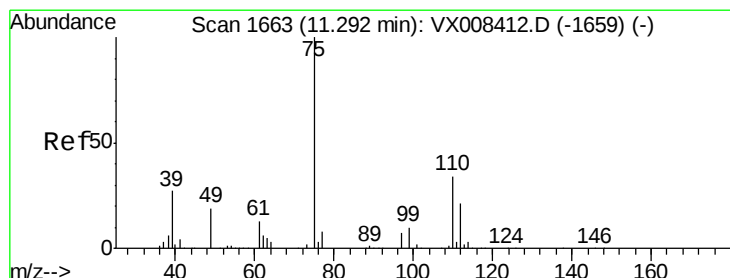
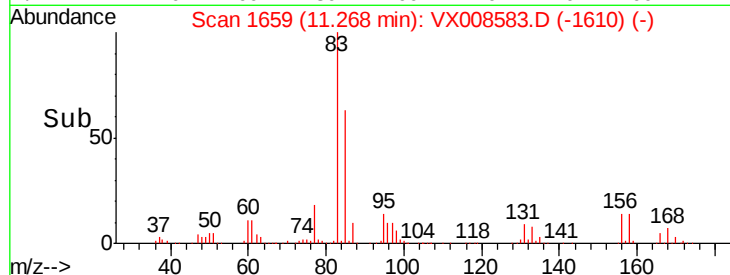
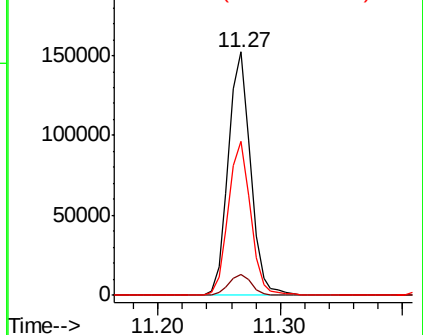
Tot Ion:	83	Resp:	191141
Ion Ratio	Lower	Upper	
83	100		
131	8.9	4.5	13.4
85	63.4	31.9	95.9

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 42.944 ug/l m

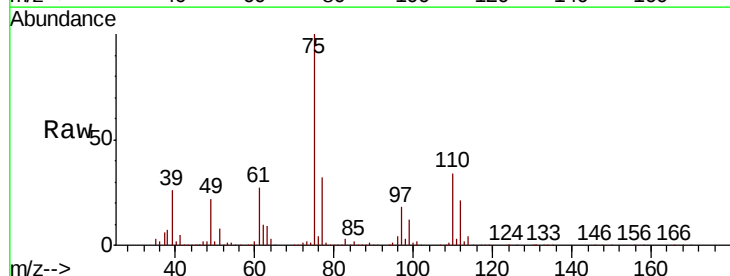
RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

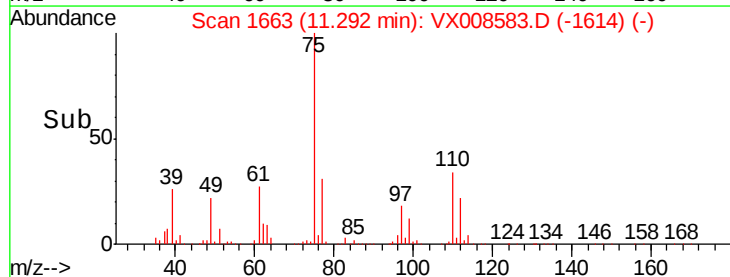
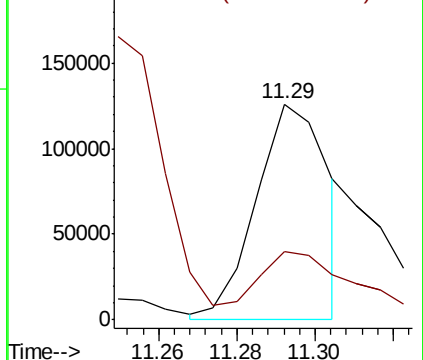
Lab File: VX008583.D

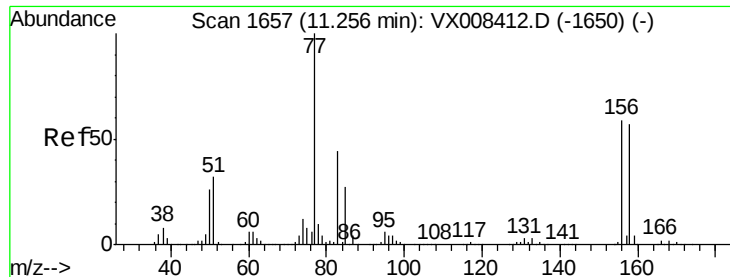
Acq: 01 Apr 2019 20:49

Tgt Ion:	75	Resp:	162091
Ion Ratio	Lower	Upper	
75	100		
77	43.4	21.9	65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.064 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 117983

Ion Ratio Lower Upper

156 100

77 181.4 91.1 273.3

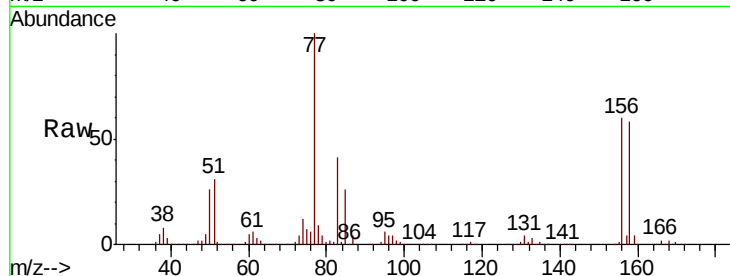
158 98.4 48.3 144.8

Manual Integrations

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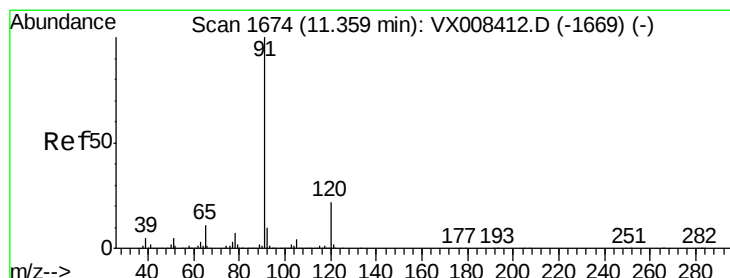
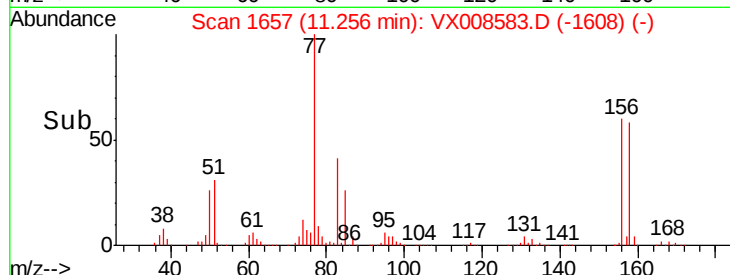
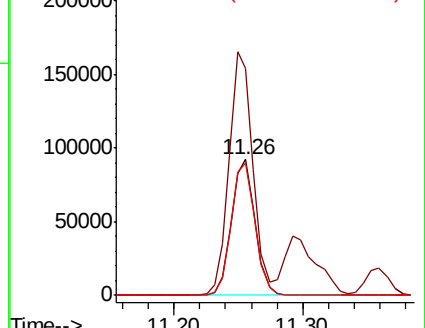
4/2/2019 10:06:22 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.527 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008583.D

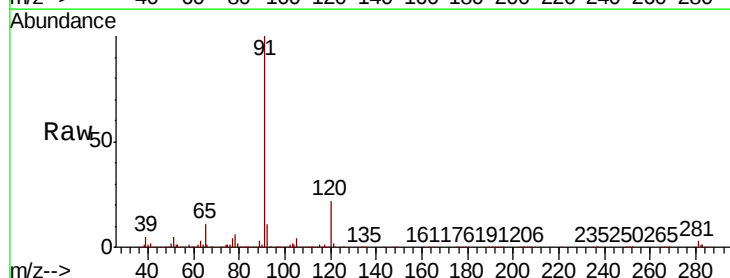
Acq: 01 Apr 2019 20:49

Tgt Ion: 91 Resp: 575065

Ion Ratio Lower Upper

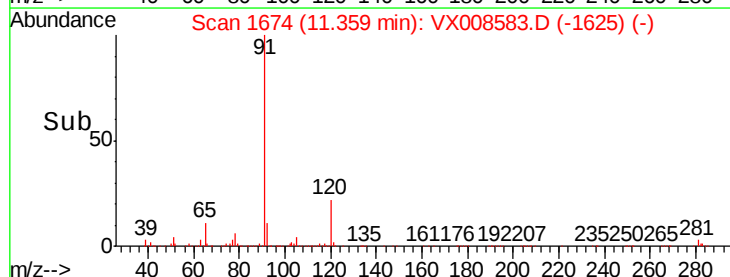
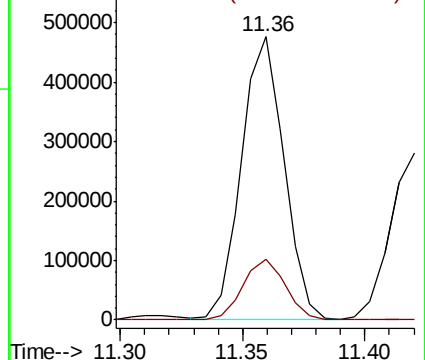
91 100

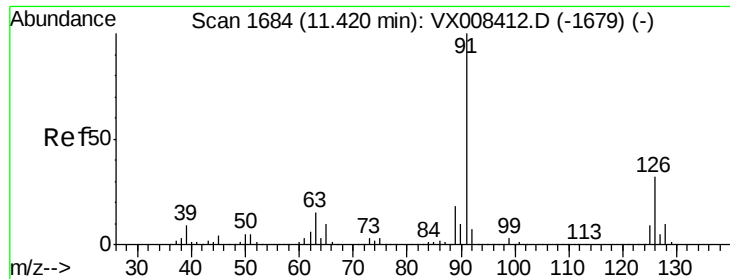
120 21.6 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





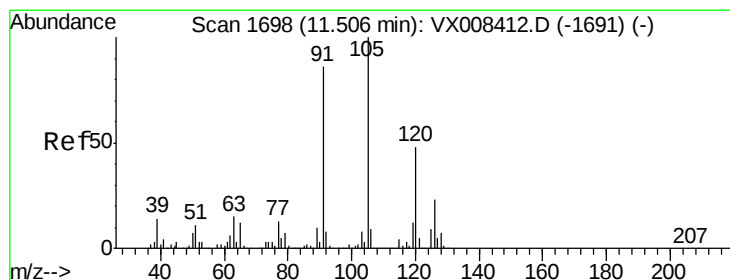
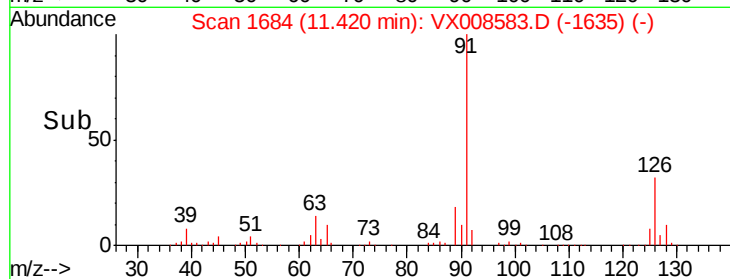
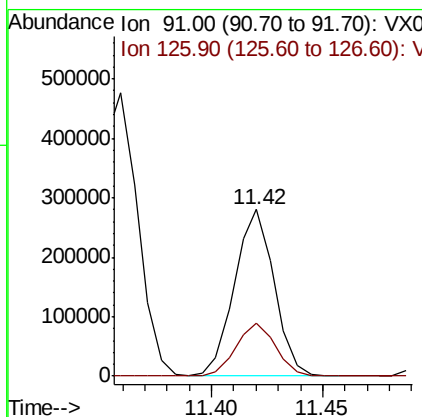
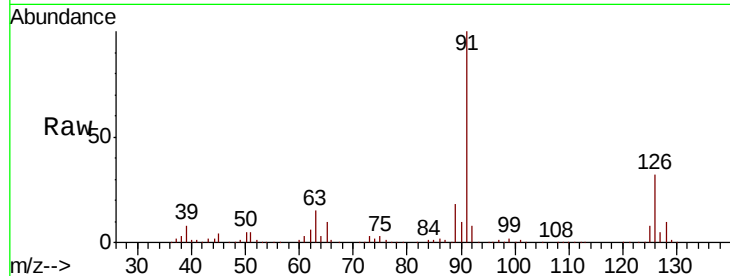
#79
 2-Chlorotoluene
 Concen: 46.984 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX008583.D
 Acq: 01 Apr 2019 20:49

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050EC

Tot Ion: 91 Resp: 345781
 Ion Ratio Lower Upper
 91 100
 126 31.7 15.7 47.1

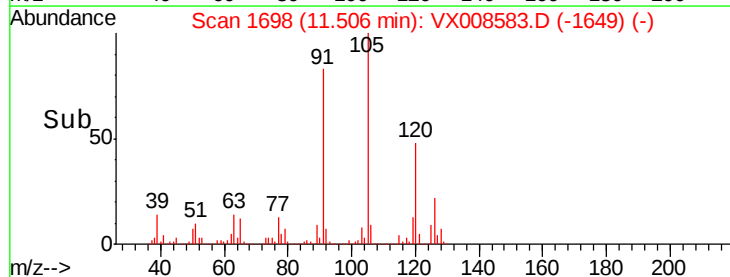
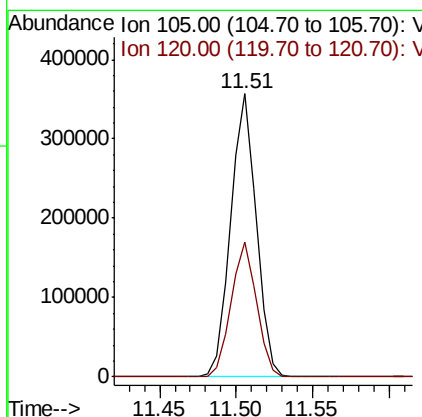
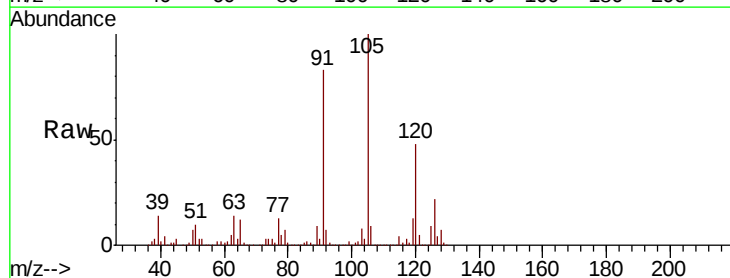
Manual Integrations
 APPROVED

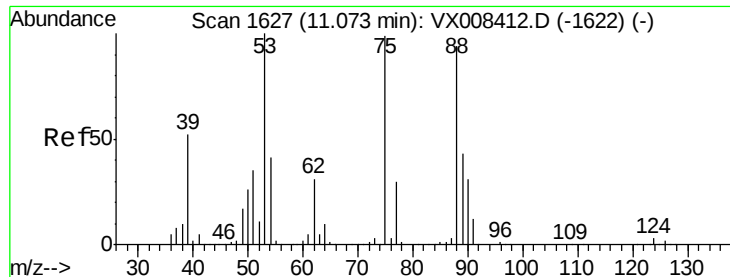
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 47.253 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX008583.D
 Acq: 01 Apr 2019 20:49

Tgt Ion: 105 Resp: 412633
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.4 70.3





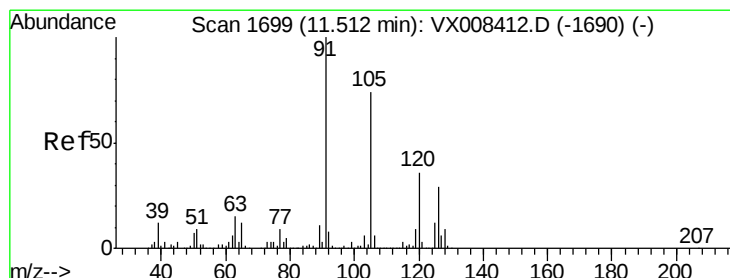
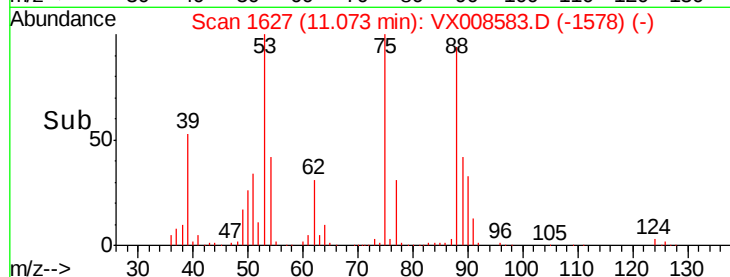
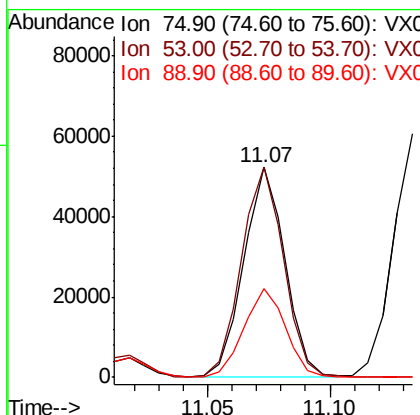
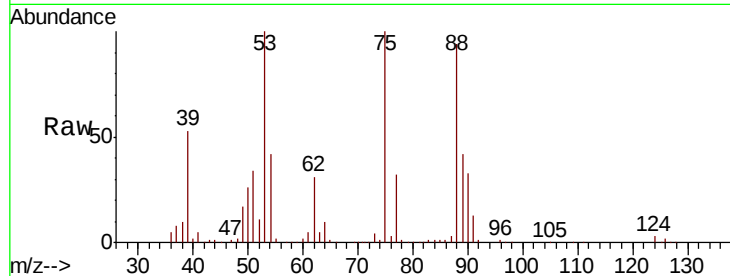
#81
trans-1,4-Dichloro-2-butene
Concen: 51.888 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.8	82.1	123.1
89	43.0	34.6	52.0

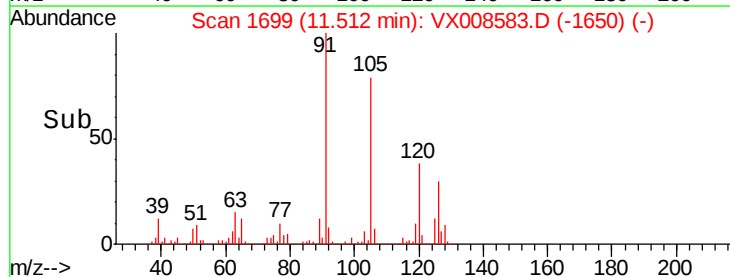
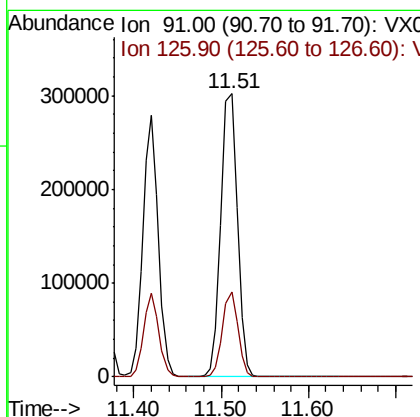
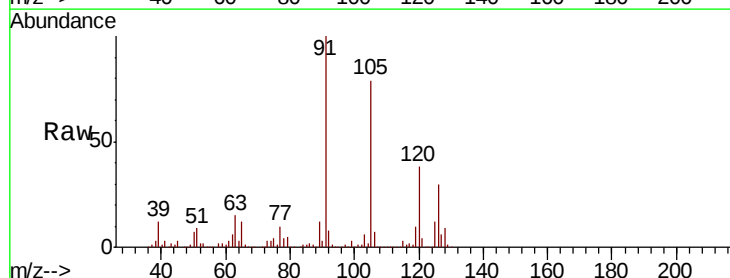
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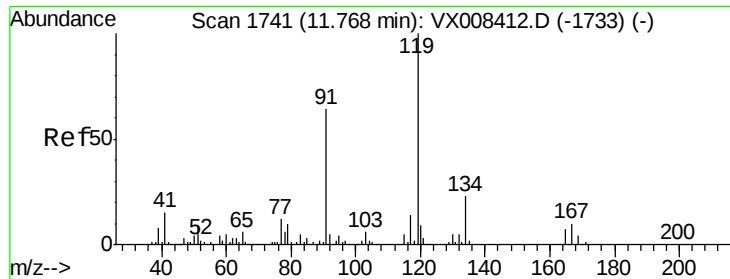
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#82
4-Chlorotoluene
Concen: 46.768 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.1	13.9	41.7





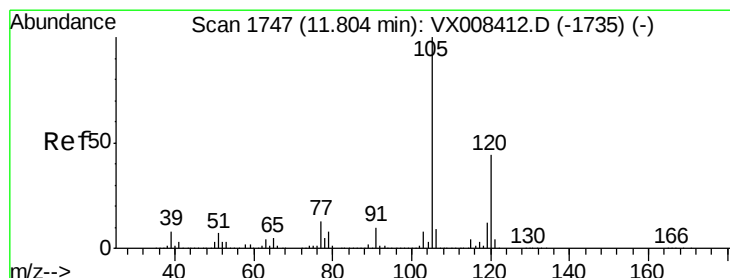
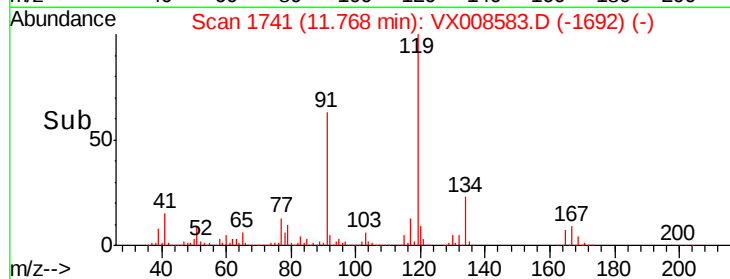
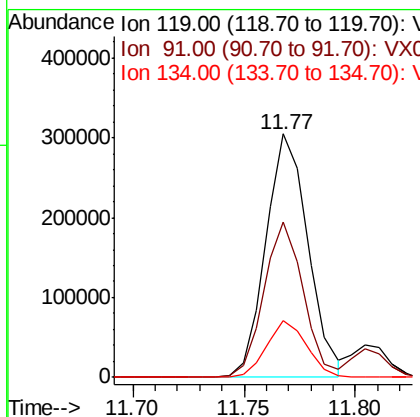
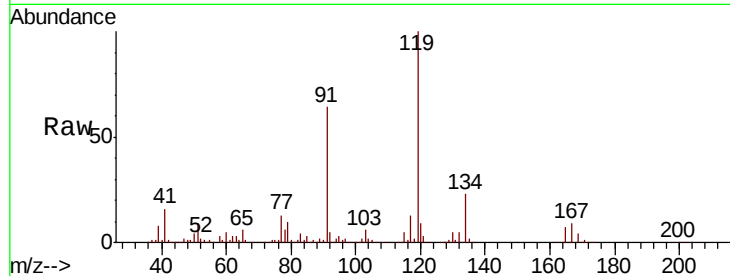
#83
 tert-Butylbenzene
 Concen: 47.515 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX008583.D
 Acq: 01 Apr 2019 20:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	400313		
91	59.9	30.1	90.3	
134	22.0	10.9	32.9	

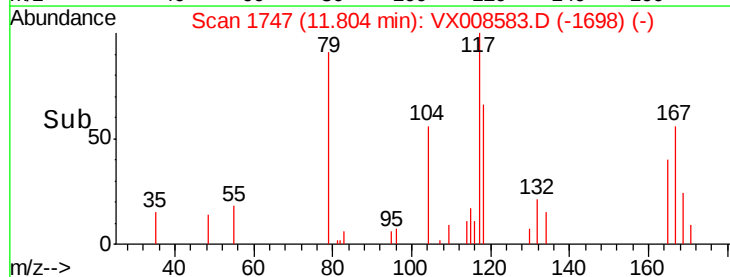
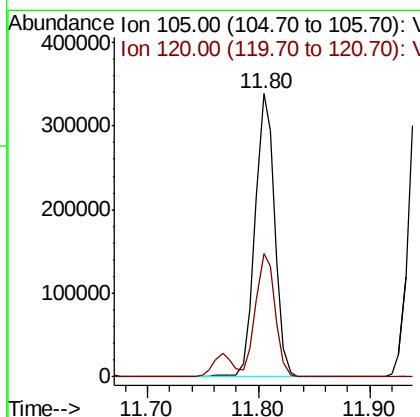
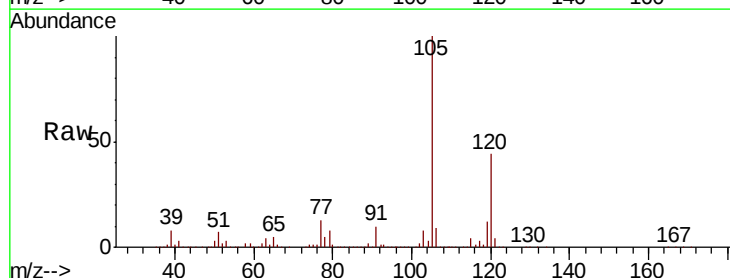
Manual Integrations
 APPROVED

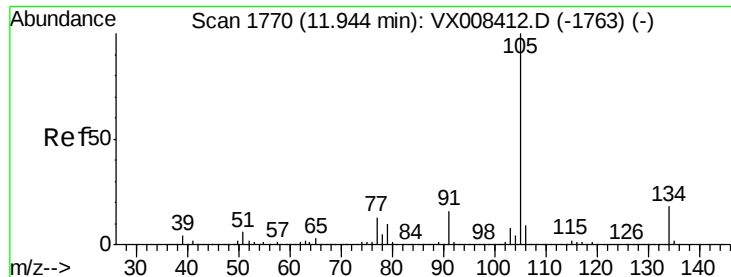
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#84
 1,2,4-Trimethylbenzene
 Concen: 47.028 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008583.D
 Acq: 01 Apr 2019 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	415368		
120	43.1	21.6	65.0	





#85

sec-Butylbenzene

Concen: 47.566 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 477228

Ion Ratio Lower Upper

105 100

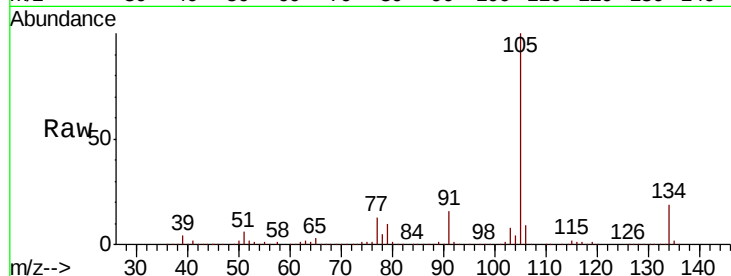
134 19.0 9.3 28.0

Manual Integrations

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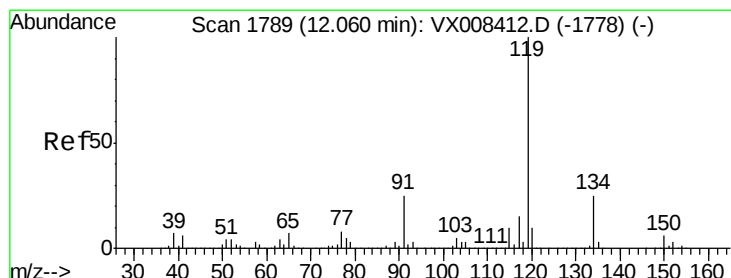
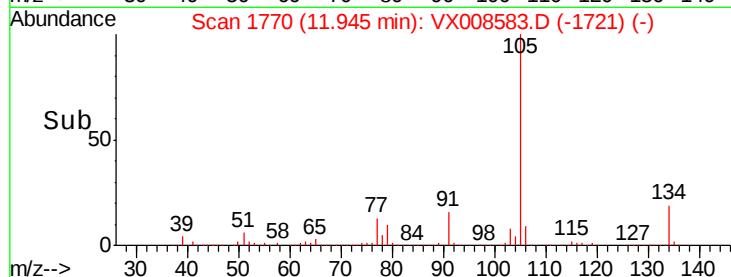
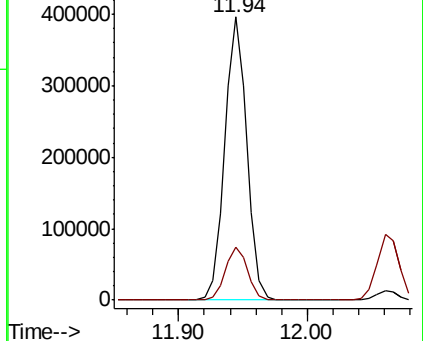
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.426 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

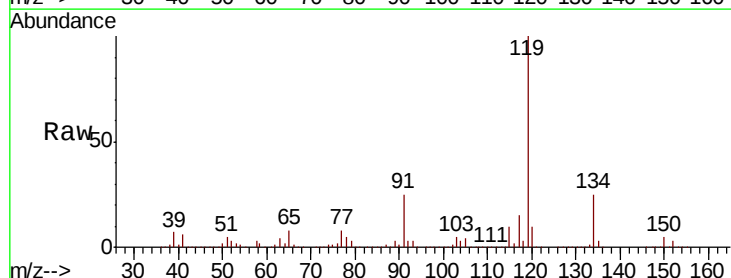
Tgt Ion:119 Resp: 428716

Ion Ratio Lower Upper

119 100

134 25.2 12.8 38.4

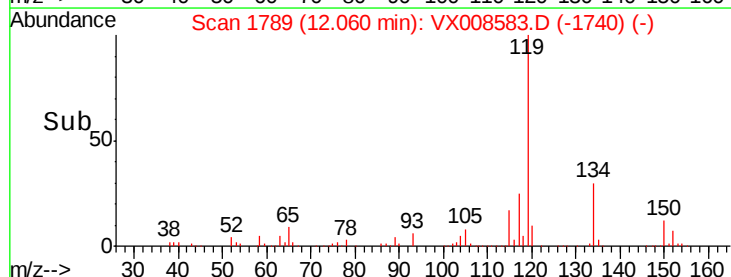
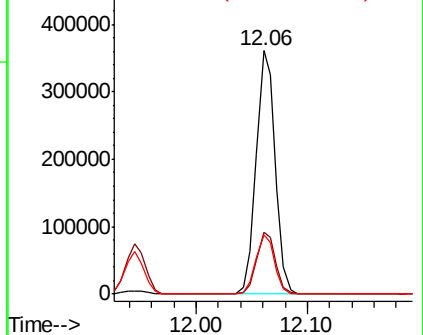
91 24.1 12.4 37.0

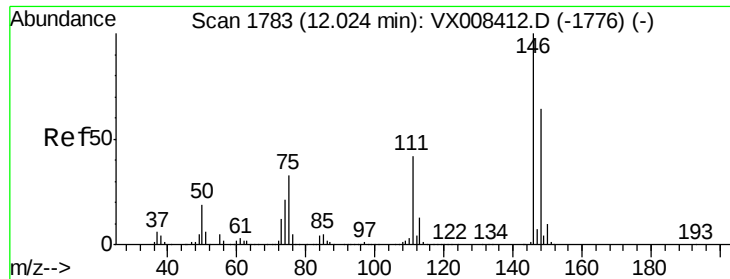


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 46.759 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

Instrument :

MSVOA_X

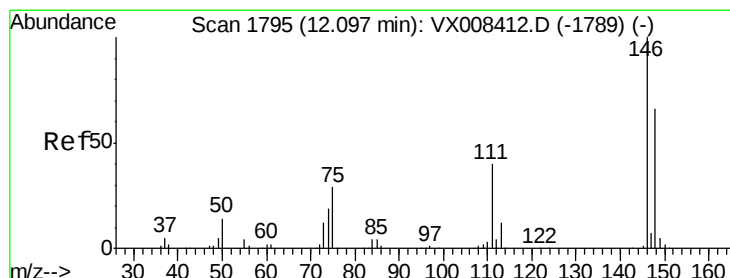
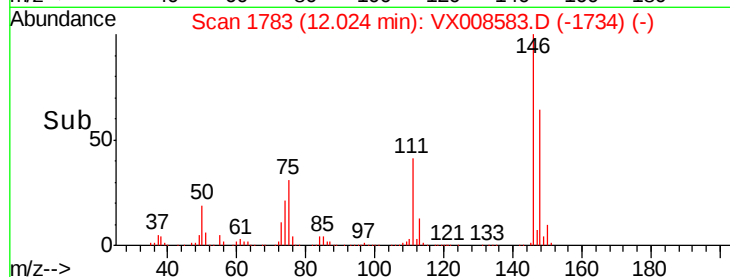
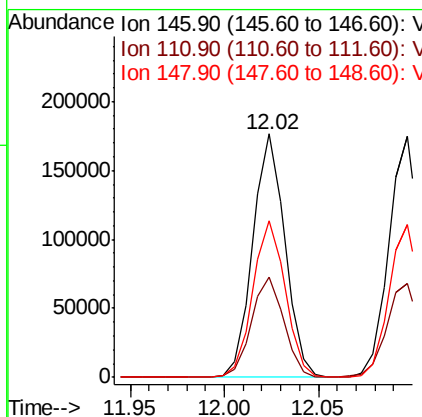
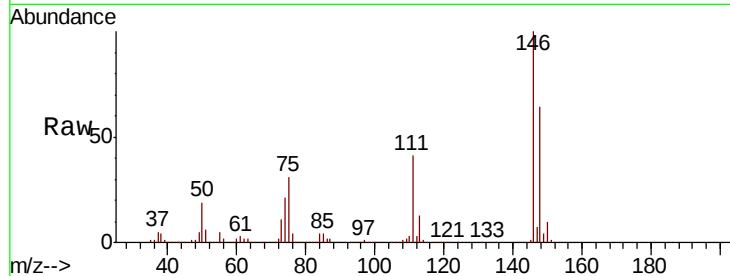
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	209437
Ion Ratio	Lower	Upper	
146	100		
111	41.5	20.8	62.5
148	64.8	32.0	96.0

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 46.155 ug/l

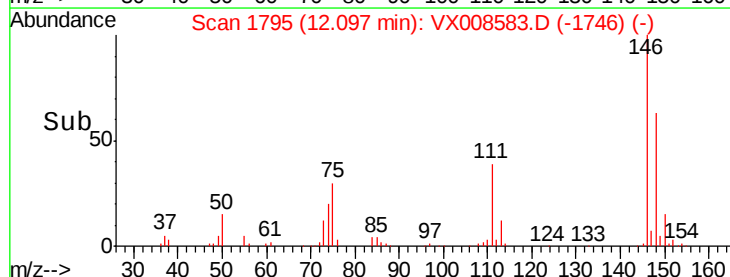
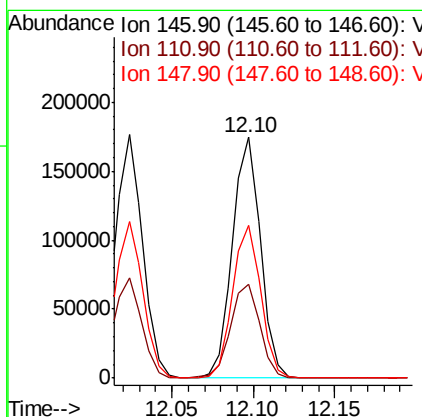
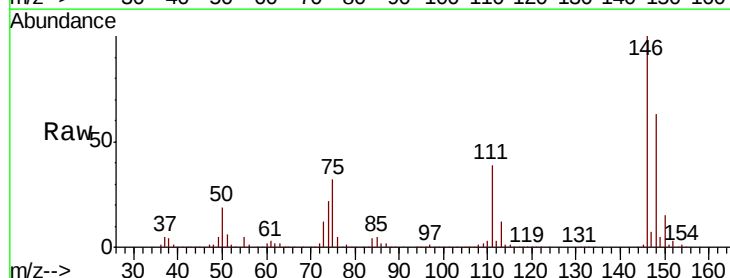
RT: 12.10 min Scan# 1795

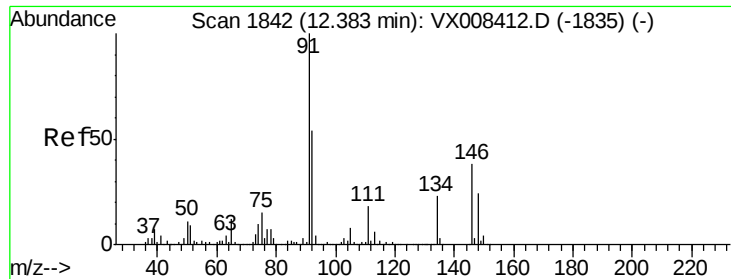
Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

Tgt Ion:	146	Resp:	208636
Ion Ratio	Lower	Upper	
146	100		
111	40.7	20.3	61.0
148	63.7	32.1	96.5





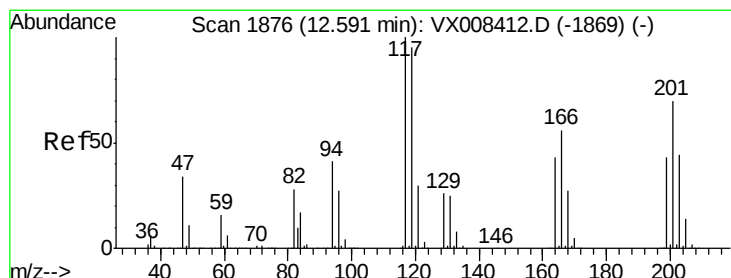
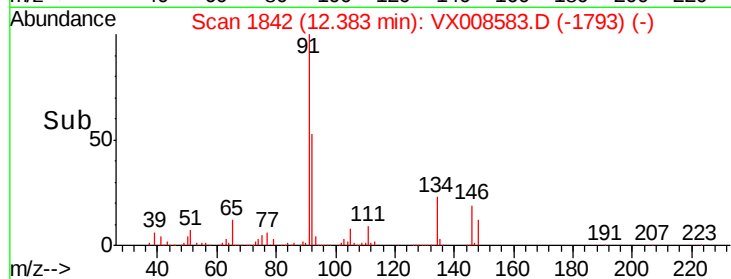
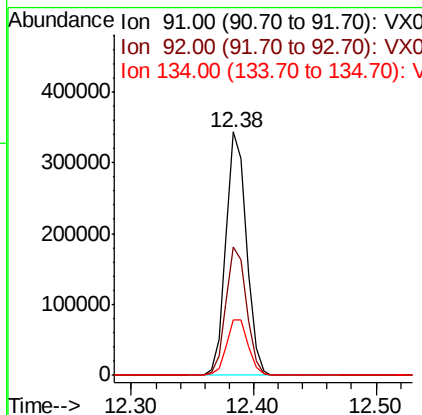
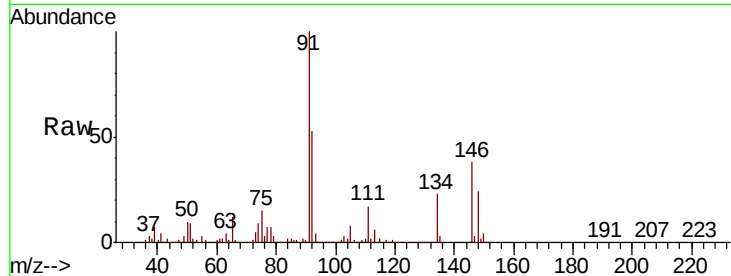
#89
n-Butylbenzene
Concen: 47.401 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.5	79.5
134	24.0	11.8	35.4

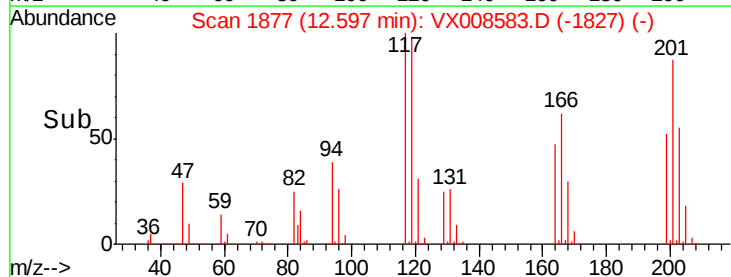
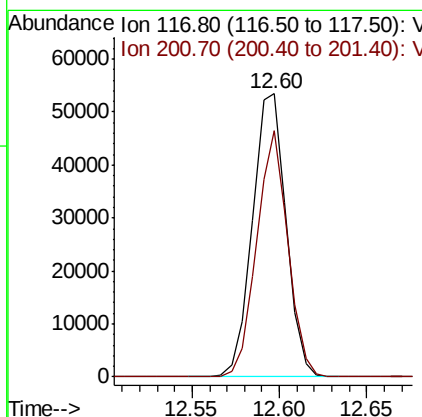
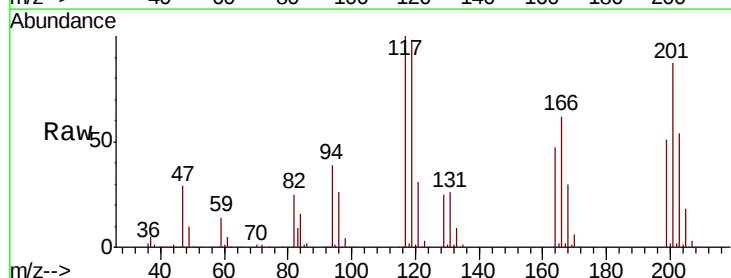
Manual Integrations
APPROVED

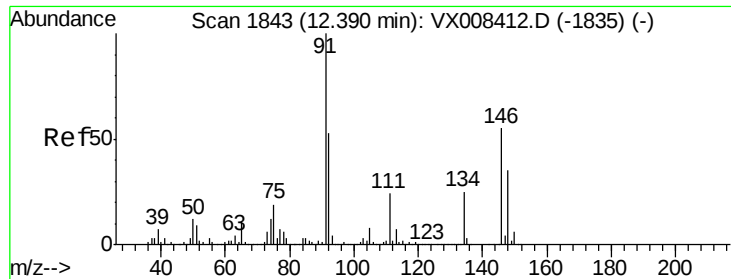
MMDadoda
4/2/2019 10:06:22 AM



#90
Hexachloroethane
Concen: 48.744 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.8	39.4	118.1





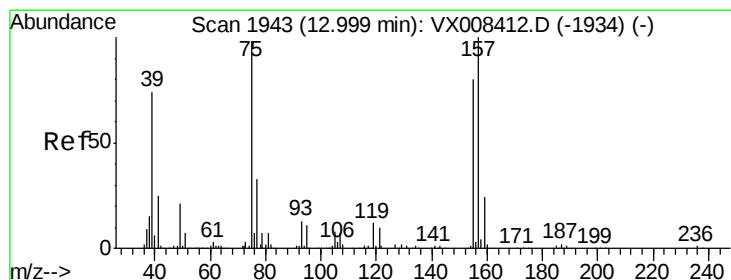
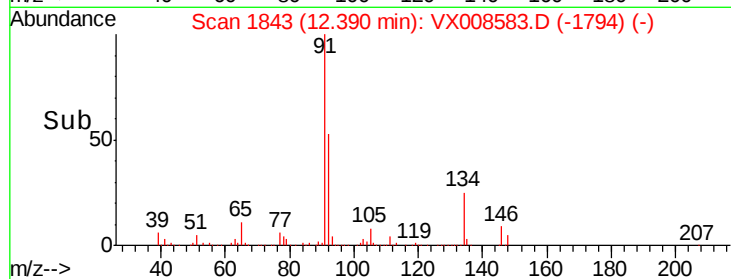
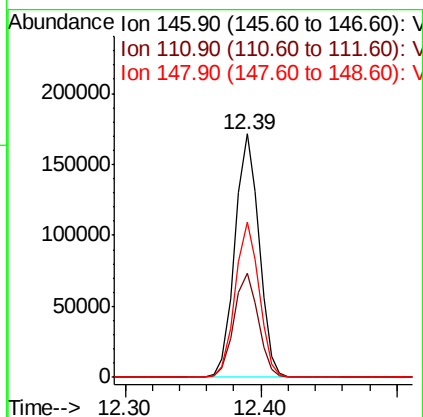
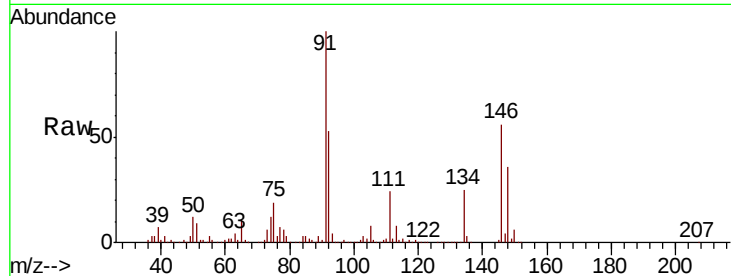
#91
 1,2-Dichlorobenzene
 Concen: 47.102 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008583.D
 Acq: 01 Apr 2019 20:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.6	64.6
148	63.3	31.9	95.7

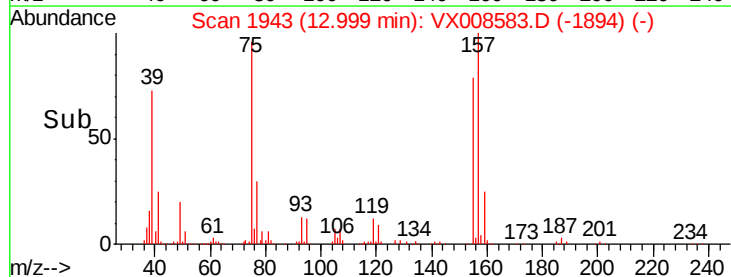
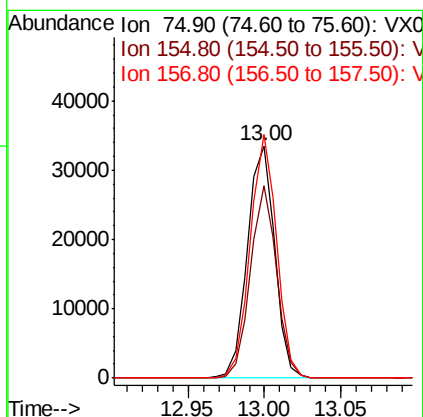
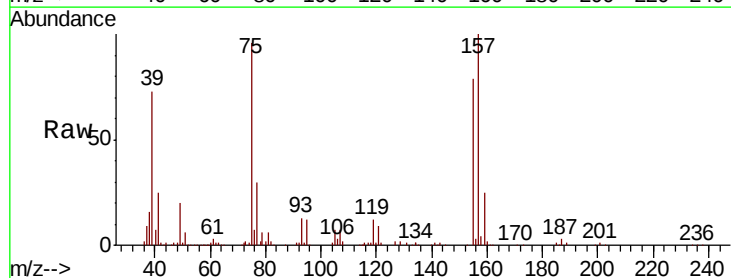
Manual Integrations
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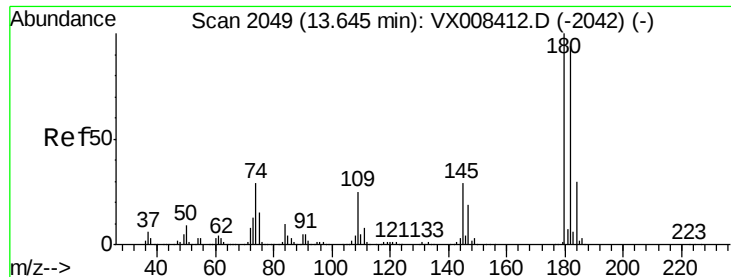
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.582 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008583.D
 Acq: 01 Apr 2019 20:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.7	39.5	118.5
157	101.7	49.9	149.7





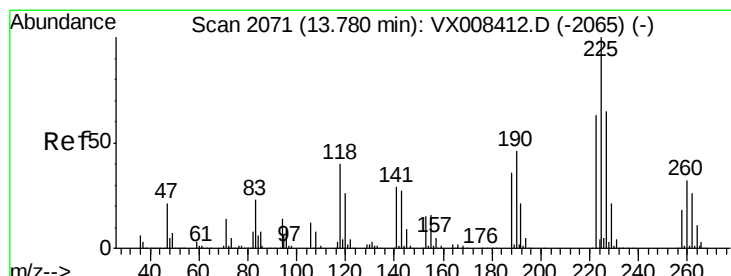
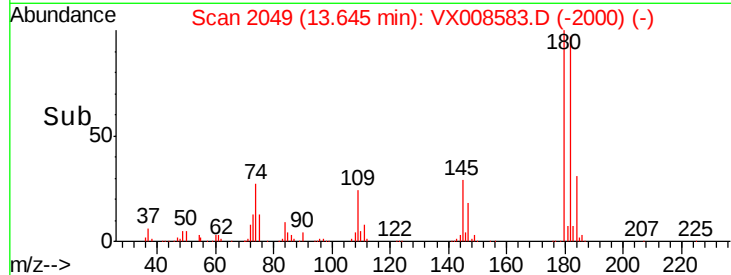
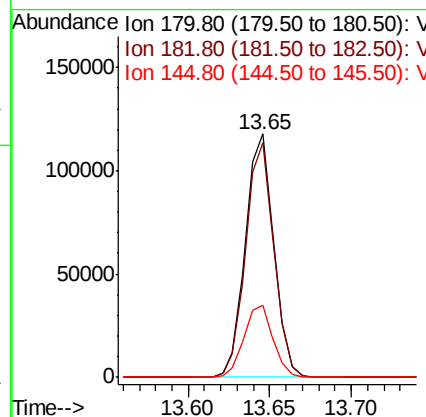
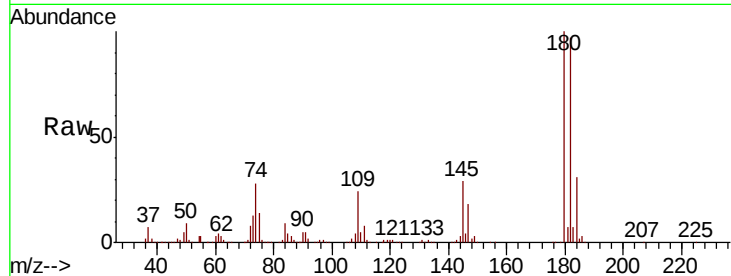
#93
 1,2,4-Trichlorobenzene
 Concen: 47.501 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008583.D
 Acq: 01 Apr 2019 20:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.3	142.0
145	30.0	15.3	45.8

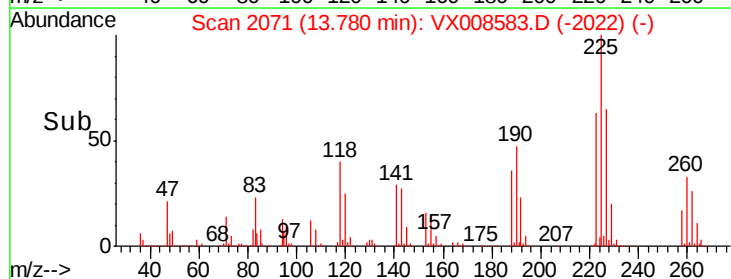
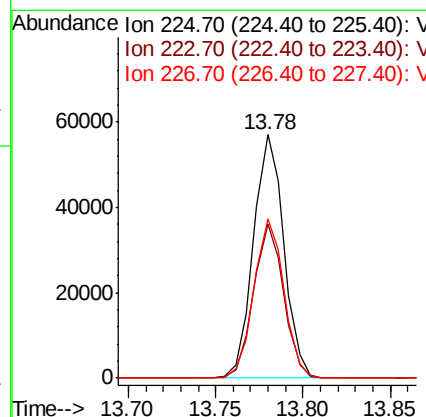
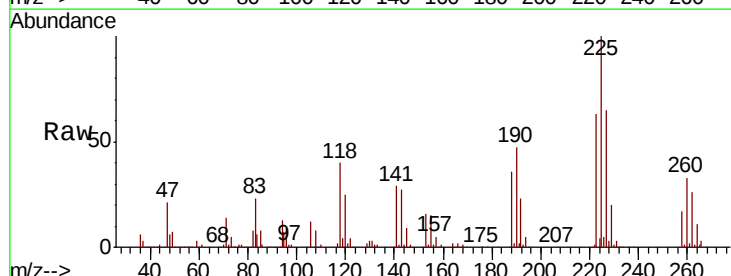
Manual Integrations
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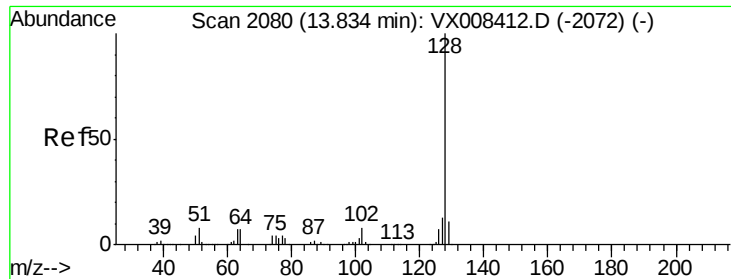
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 4/2/2019 10:06:22 AM



#94
 Hexachlorobutadiene
 Concen: 47.863 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008583.D
 Acq: 01 Apr 2019 20:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.4	94.0
227	64.5	31.9	95.9





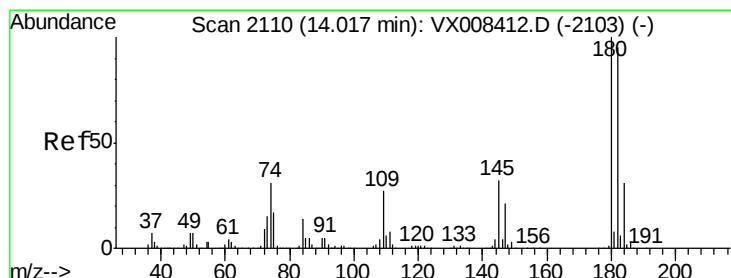
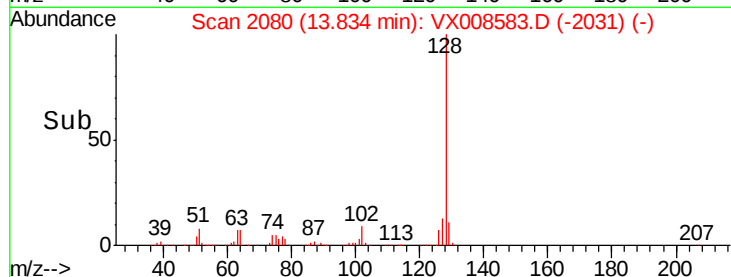
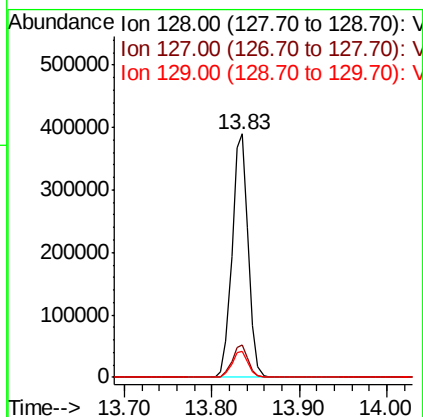
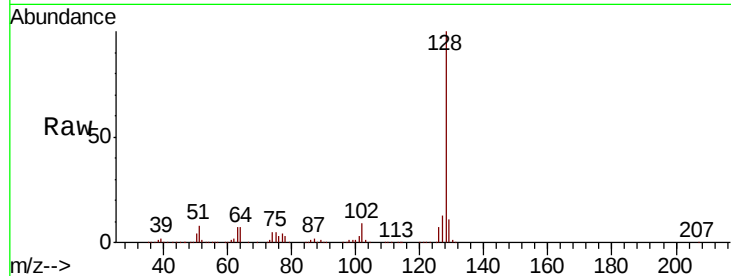
#95
Naphthalene
Concen: 48.145 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	498461		
127	13.1		10.4	15.6
129	10.8		8.7	13.1

Manual Integrations
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4/2/2019 10:06:22 AM



#96
1,2,3-Trichlorobenzene
Concen: 47.758 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	144923		
182	94.8		47.3	142.0
145	32.2		16.2	48.5

