

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041019\
 Data File : VX008818.D
 Acq On : 10 Apr 2019 20:12
 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
 4/11/2019 11:48:26 AM

Quant Time: Apr 11 08:05:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	176090	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	290829	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	259870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	118305	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	119406	46.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.98%	
35) Dibromofluoromethane	5.49	113	88749	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	
50) Toluene-d8	8.71	98	356773	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	
62) 4-Bromofluorobenzene	11.13	95	124317	47.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.70%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	78786	38.869	ug/l 99
3) Chloromethane	1.32	50	111877	44.863	ug/l 99
4) Vinyl Chloride	1.41	62	109440	39.941	ug/l 100
5) Bromomethane	1.64	94	55402	41.383	ug/l 99
6) Chloroethane	1.71	64	68555	45.543	ug/l 98
7) Trichlorofluoromethane	1.92	101	126766	41.852	ug/l 97
8) Diethyl Ether	2.19	74	61048	42.501	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	84101	43.126	ug/l 98
10) Methyl Iodide	2.51	142	81513	46.224	ug/l 100
11) Tert butyl alcohol	3.06	59	128273	213.330	ug/l 100
12) 1,1-Dichloroethene	2.37	96	85818	42.155	ug/l 97
13) Acrolein	2.29	56	127491	427.606	ug/l 97
14) Allyl chloride	2.73	41	203671	43.703	ug/l 99
15) Acrylonitrile	3.14	53	351560	220.702	ug/l 100
16) Acetone	2.45	43	311491	210.565	ug/l 98
17) Carbon Disulfide	2.57	76	239948	40.679	ug/l 100
18) Methyl Acetate	2.78	43	162596	45.320	ug/l 100
19) Methyl tert-butyl Ether	3.20	73	331086	45.540	ug/l 100
20) Methylene Chloride	2.85	84	103955	41.982	ug/l 98
21) trans-1,2-Dichloroethene	3.17	96	91863	41.718	ug/l 94
22) Diisopropyl ether	3.85	45	406681	45.275	ug/l 94
23) Vinyl Acetate	3.81	43	1797650	230.052	ug/l 99
24) 1,1-Dichloroethane	3.70	63	196136	44.102	ug/l 99
25) 2-Butanone	4.67	43	524676	224.404	ug/l 98
26) 2,2-Dichloropropane	4.59	77	136765	43.663	ug/l 100
27) cis-1,2-Dichloroethene	4.59	96	109280	43.165	ug/l 99
28) Bromochloromethane	5.01	49	101164	54.743	ug/l 100
29) Tetrahydrofuran	5.13	42	344814	222.196	ug/l 98
30) Chloroform	5.21	83	177161	44.601	ug/l 98
31) Cyclohexane	5.58	56	184164	41.501	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	144640	45.061	ug/l 100
36) 1,1-Dichloropropene	5.80	75	135497	42.622	ug/l 99
37) Ethyl Acetate	4.83	43	197074	46.443	ug/l 100
38) Carbon Tetrachloride	5.78	117	119861	45.554	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	165619	42.173	ug/l	99
40) Benzene	6.14	78	421995	44.558	ug/l	100
41) Methacrylonitrile	5.04	41	113128	46.381	ug/l	99
42) 1,2-Dichloroethane	6.19	62	152322	44.863	ug/l	99
43) Isopropyl Acetate	6.45	43	310593	46.725	ug/l	100
44) Trichloroethene	7.21	130	99020	44.891	ug/l	96
45) 1,2-Dichloropropane	7.51	63	122021	45.140	ug/l	99
46) Dibromomethane	7.66	93	68162	43.476	ug/l	98
47) Bromodichloromethane	7.90	83	137303	46.448	ug/l	100
48) Methyl methacrylate	7.77	41	157031	46.700	ug/l	99
49) 1,4-Dioxane	7.74	88	53326	846.587	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1006625	235.243	ug/l	100
52) Toluene	8.79	92	252769	45.271	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	158680	47.920	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	175559	46.399	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	103956	46.383	ug/l	99
56) Ethyl methacrylate	9.18	69	191897	47.322	ug/l	99
57) 1,3-Dichloropropane	9.37	76	186922	46.446	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	493520	238.341	ug/l	100
59) 2-Hexanone	9.49	43	749239	225.303	ug/l	100
60) Dibromochloromethane	9.58	129	102178	48.380	ug/l	100
61) 1,2-Dibromoethane	9.67	107	106017	45.438	ug/l	99
64) Tetrachloroethene	9.34	164	86493	44.923	ug/l	99
65) Chlorobenzene	10.14	112	258617	44.895	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	93755	46.393	ug/l	99
67) Ethyl Benzene	10.25	91	480967	44.777	ug/l	99
68) m/p-Xylenes	10.36	106	344816	89.281	ug/l	99
69) o-Xylene	10.69	106	169047	45.165	ug/l	98
70) Styrene	10.71	104	296078	45.891	ug/l	100
71) Bromoform	10.85	173	73494	47.617	ug/l #	99
73) Isopropylbenzene	11.02	105	454249	46.332	ug/l	100
74) N-amyl acetate	10.90	43	263423	45.668	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	163370	43.814	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	142271m	43.776	ug/l	
77) Bromobenzene	11.26	156	108258	45.931	ug/l	98
78) n-propylbenzene	11.36	91	521063	45.644	ug/l	100
79) 2-Chlorotoluene	11.42	91	309563	44.810	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	379489	46.111	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	55250	46.862	ug/l	98
82) 4-Chlorotoluene	11.51	91	354513	44.333	ug/l	98
83) tert-Butylbenzene	11.77	119	361568	45.665	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	380619	45.675	ug/l	99
85) sec-Butylbenzene	11.94	105	434732	46.224	ug/l	99
86) p-Isopropyltoluene	12.06	119	393676	46.637	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	188376	44.644	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	188581	44.136	ug/l	100
89) n-Butylbenzene	12.38	91	364205	46.007	ug/l	100
90) Hexachloroethane	12.60	117	65174	46.550	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	188293	44.945	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35862	43.721	ug/l	100

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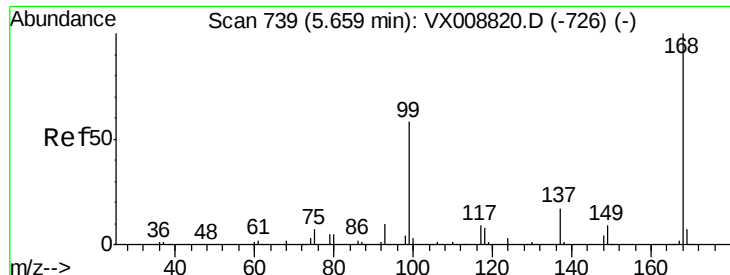
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	132892	45.622	ug/l	99
94) Hexachlorobutadiene	13.78	225	65760	47.073	ug/l	99
95) Naphthalene	13.83	128	438187	45.009	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	132639	45.575	ug/l	98

(#) = 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: VX008818.D

Acq: 10 Apr 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 176090

Ion Ratio Lower Upper

168 100

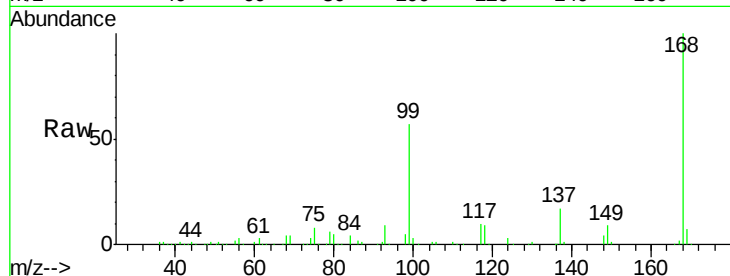
99 56.8 46.7 70.1

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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

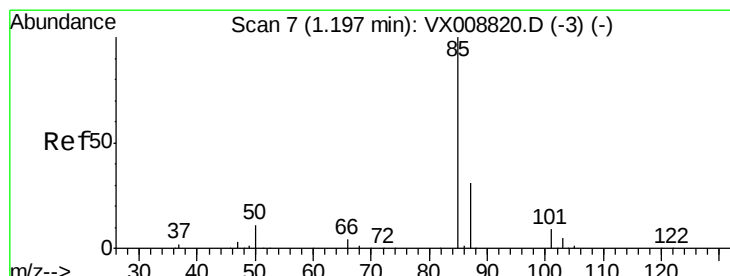
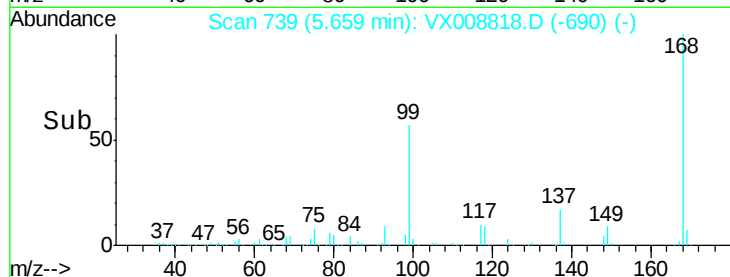
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 38.869 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008818.D

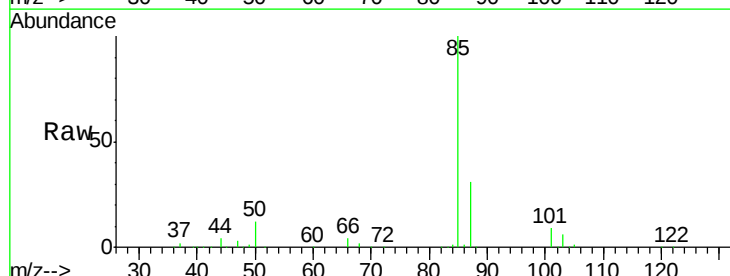
Acq: 10 Apr 2019 20:12

Tgt Ion: 85 Resp: 78786

Ion Ratio Lower Upper

85 100

87 31.2 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

60000

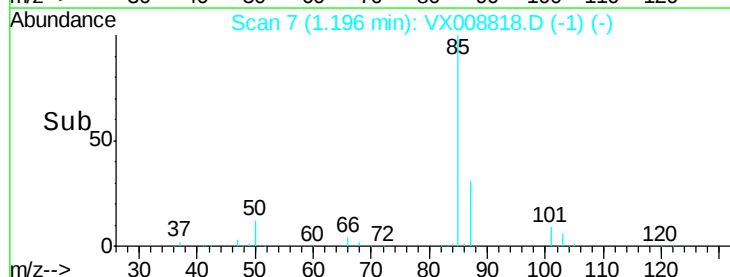
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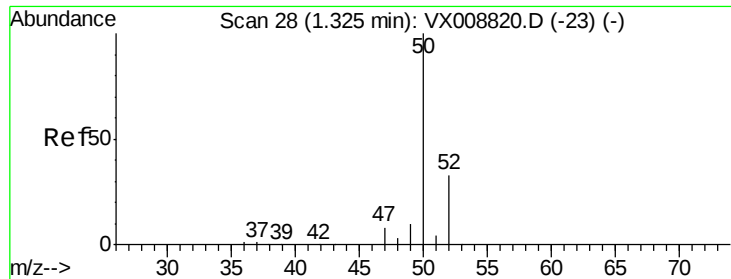
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 44.863 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 111877

Ion Ratio Lower Upper

50 100

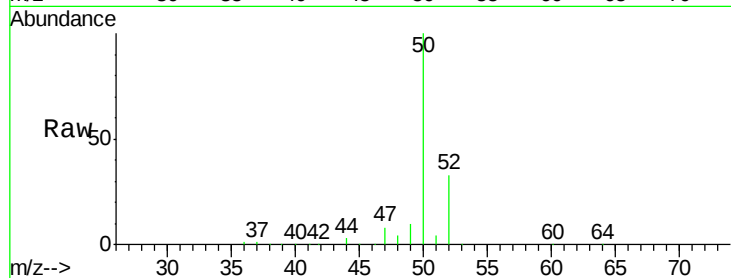
52 33.1 25.8 38.8

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

120000

100000

80000

60000

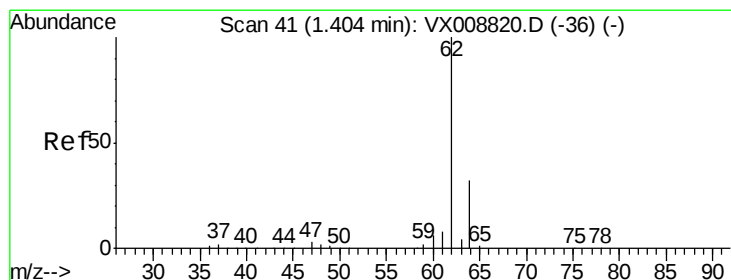
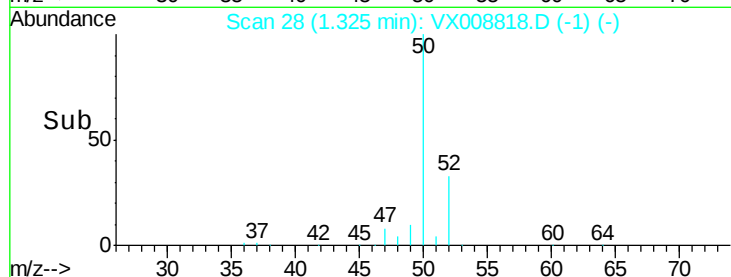
40000

20000

0

1.25 1.30 1.32 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 39.941 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008818.D

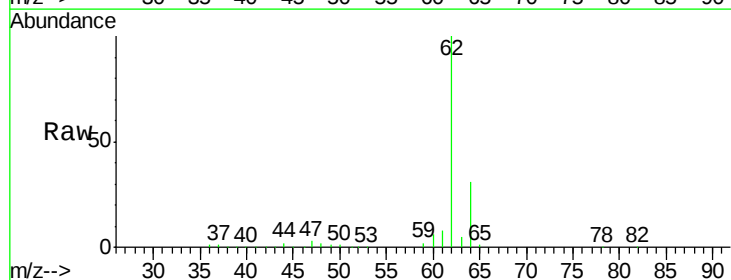
Acq: 10 Apr 2019 20:12

Tgt Ion: 62 Resp: 109440

Ion Ratio Lower Upper

62 100

64 30.8 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

100000

80000

60000

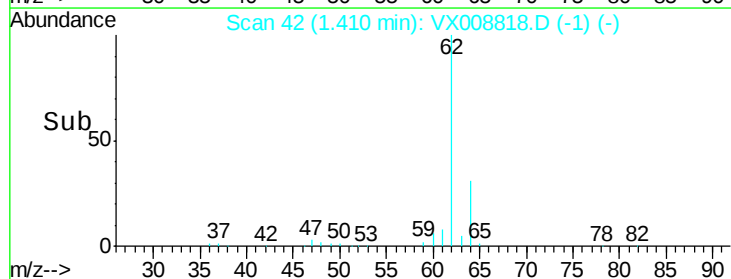
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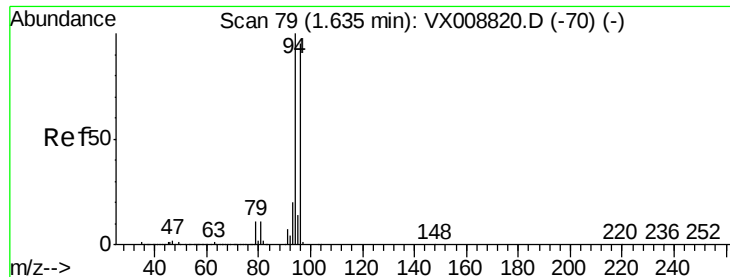
20000

0

1.35 1.40 1.41 1.45 1.50

Time-->





#5

Bromomethane

Concen: 41.383 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 55402

Ion Ratio Lower Upper

94 100

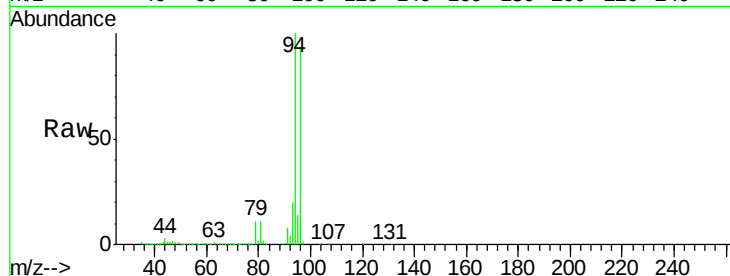
96 93.0 75.2 112.8

Manual Integrations

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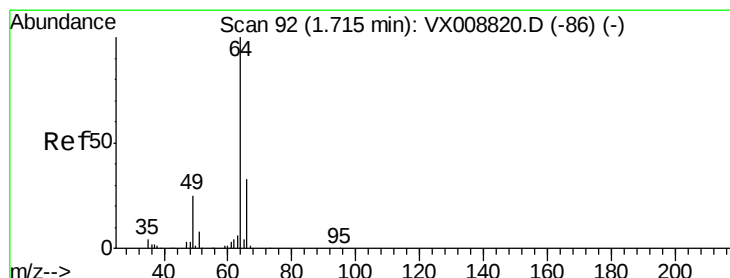
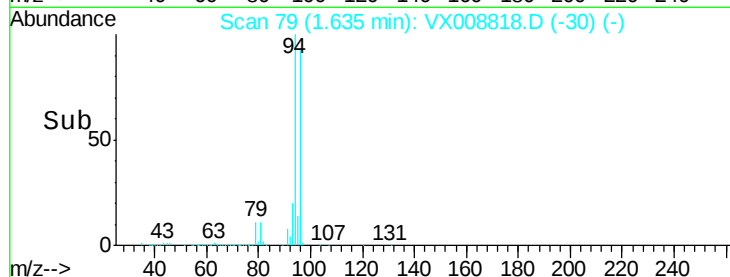
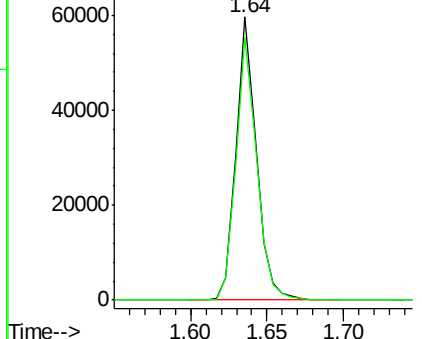
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 45.543 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008818.D

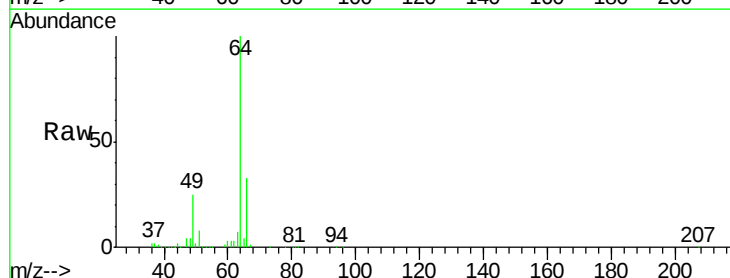
Acq: 10 Apr 2019 20:12

Tgt Ion: 64 Resp: 68555

Ion Ratio Lower Upper

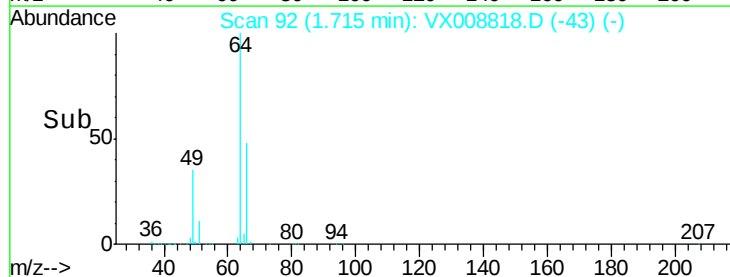
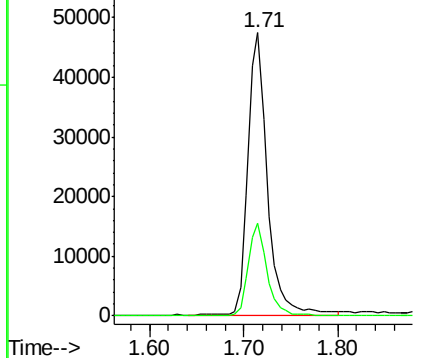
64 100

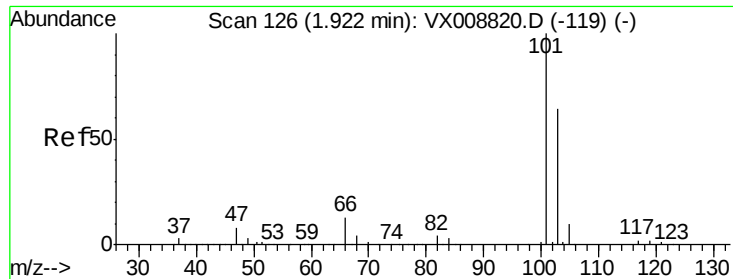
66 32.6 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 41.852 ug/l

RT: 1.92 min Scan# 126

Delta R.T. -0.00 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:101 Resp: 126766

Ion Ratio Lower Upper

101 100

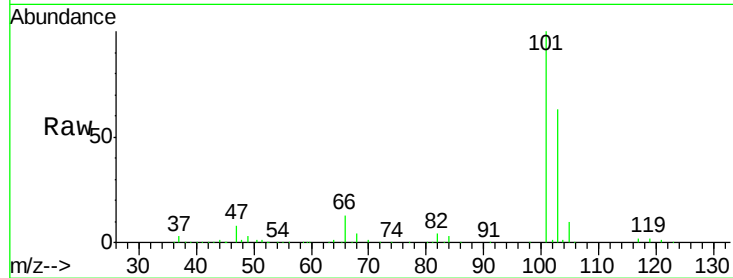
103 62.8 52.3 78.5

Manual Integrations

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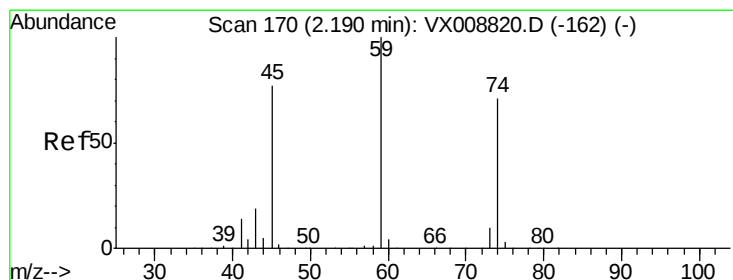
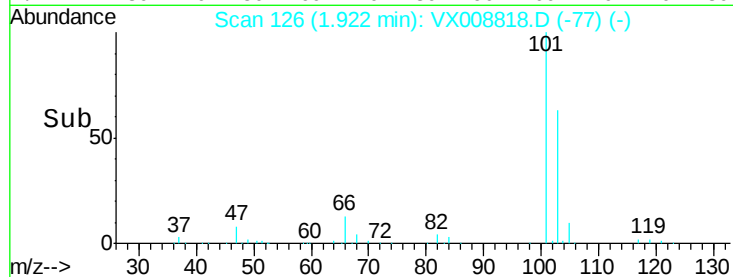
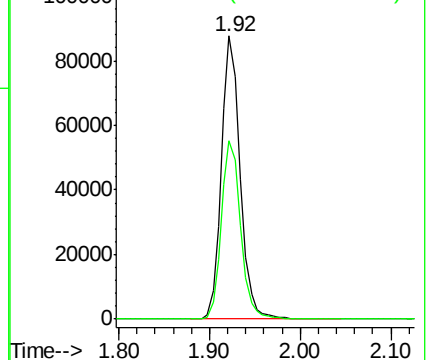
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 42.501 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX008818.D

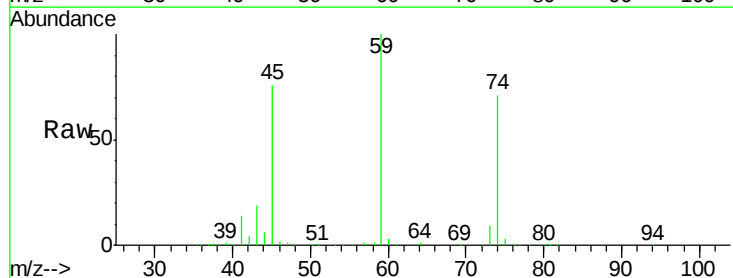
Acq: 10 Apr 2019 20:12

Tgt Ion: 74 Resp: 61048

Ion Ratio Lower Upper

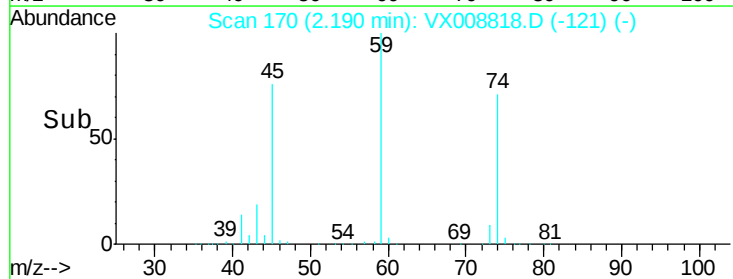
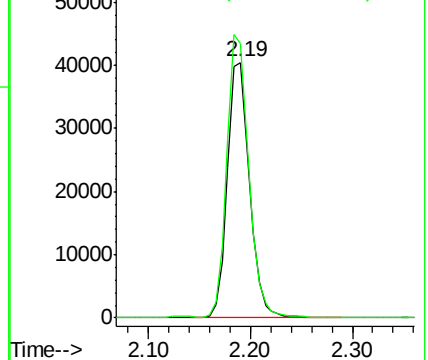
74 100

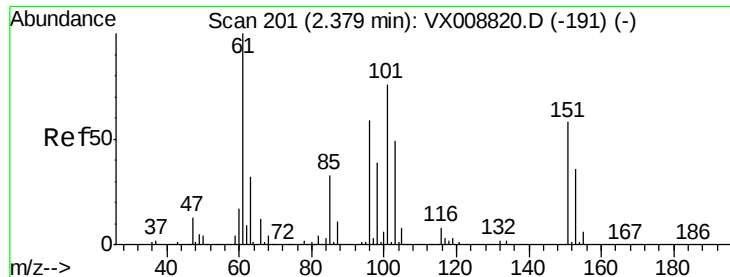
45 109.3 56.5 169.5



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.126 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

Instrument :

MSVOA_X

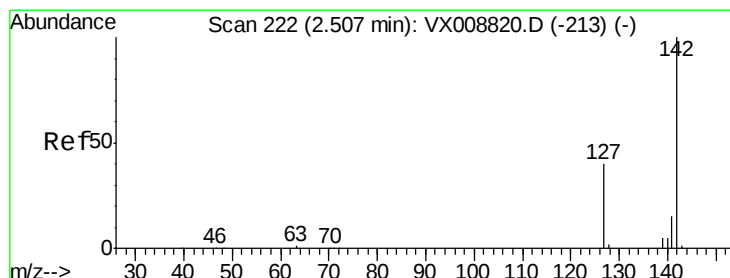
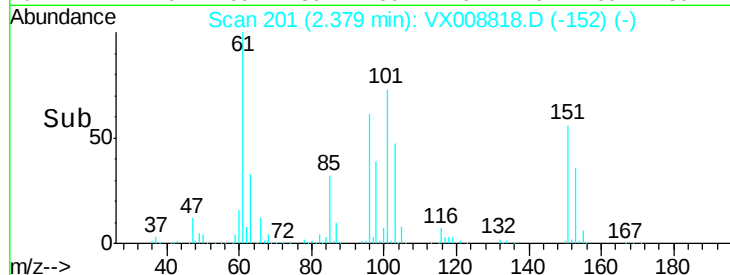
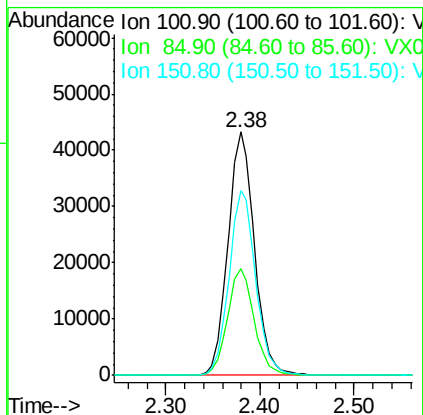
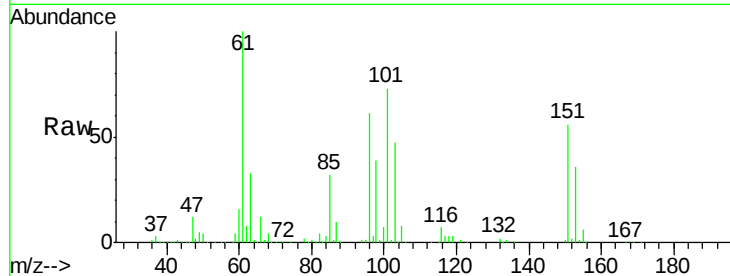
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	84101
Ion Ratio	Lower	Upper	
101	100		
85	43.9	36.0	54.0
151	76.3	59.9	89.9

Manual Integrations
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#10

Methyl Iodide

Concen: 46.224 ug/l

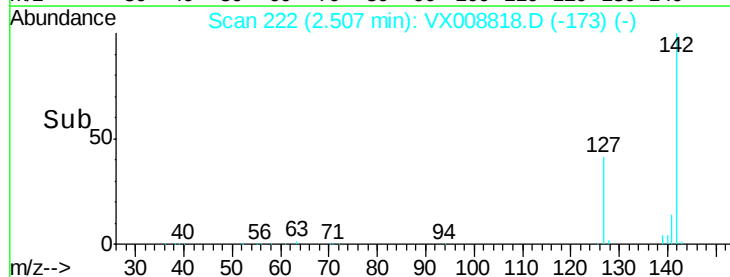
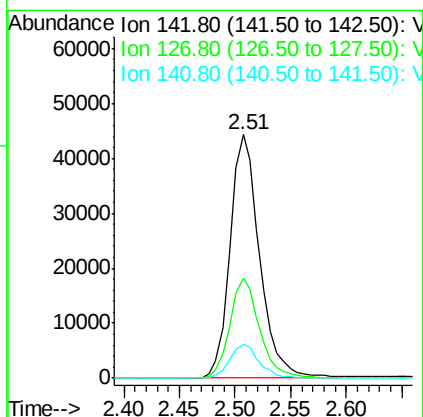
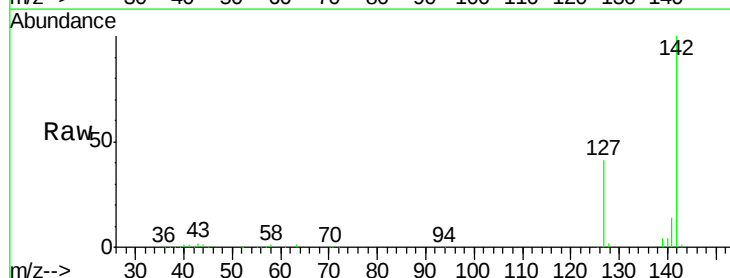
RT: 2.51 min Scan# 222

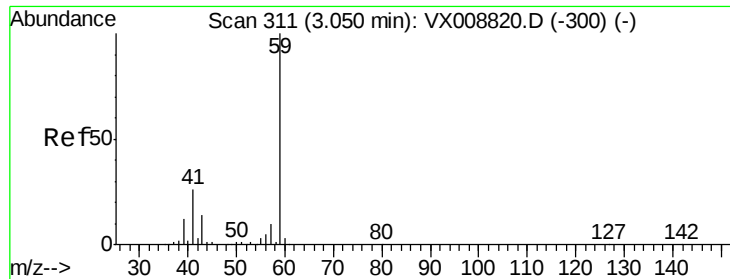
Delta R.T. 0.00 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

Tgt Ion:	142	Resp:	81513
Ion Ratio	Lower	Upper	
142	100		
127	41.2	33.0	49.6
141	14.2	11.4	17.2





#11

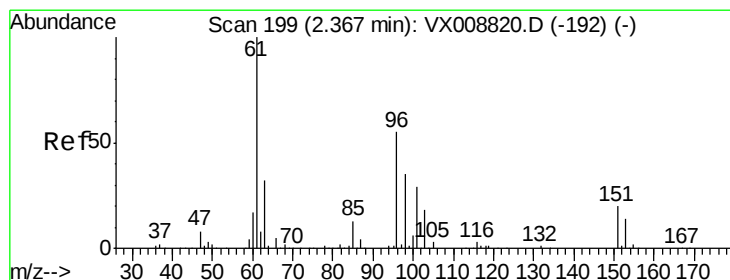
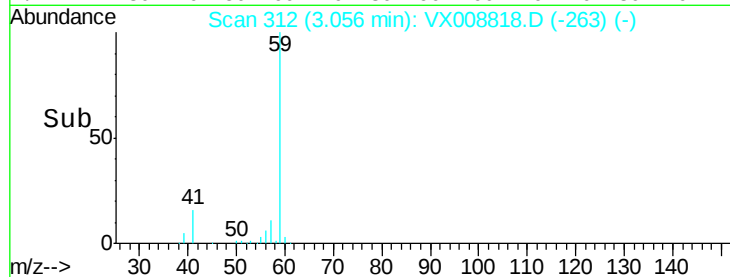
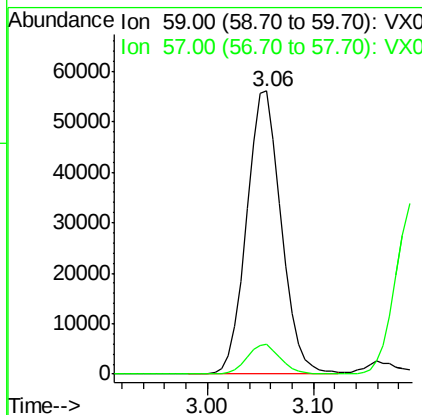
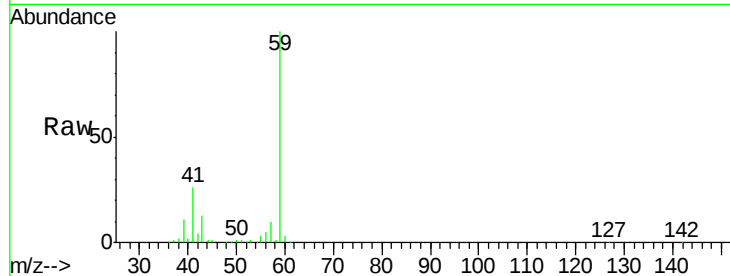
Tert butyl alcohol
Concen: 213.330 ug/l
RT: 3.06 min Scan# 312
Delta R.T. -0.00 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	128273
Ion Ratio	100	Lower	Upper
57	10.4	8.3	12.5

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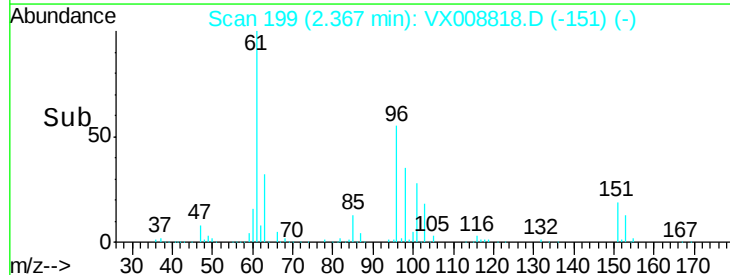
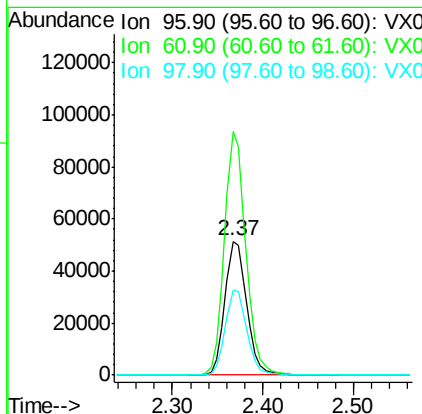
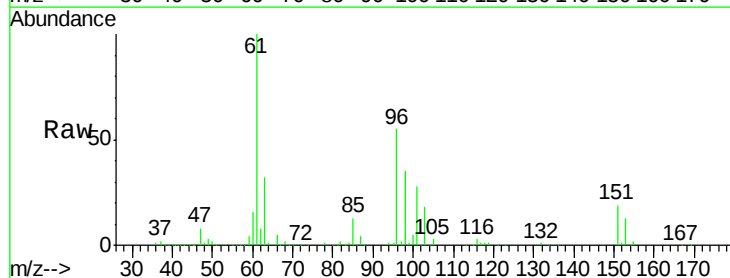
MMDadoda
4/11/2019 11:48:26 AM

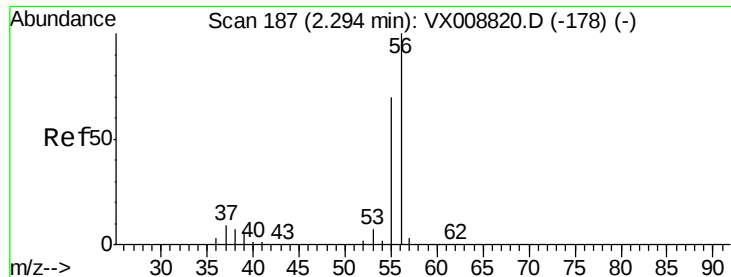


#12

1,1-Dichloroethene
Concen: 42.155 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Tgt Ion	96	Resp	85818
Ion Ratio	100	Lower	Upper
61	181.5	140.9	211.3
98	63.6	52.1	78.1





#13

Acrolein

Concen: 427.606 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 127491

Ion Ratio Lower Upper

56 100

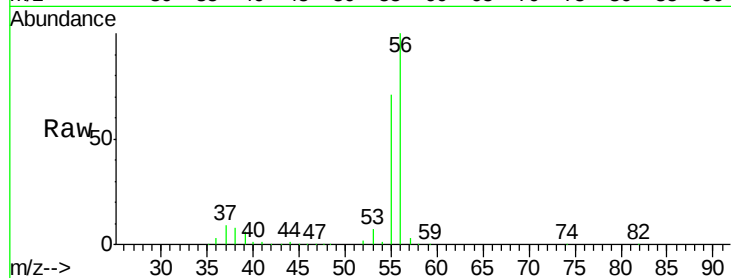
55 70.4 58.0 87.0

Manual Integrations

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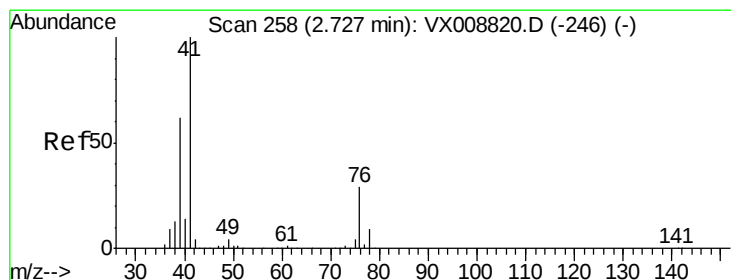
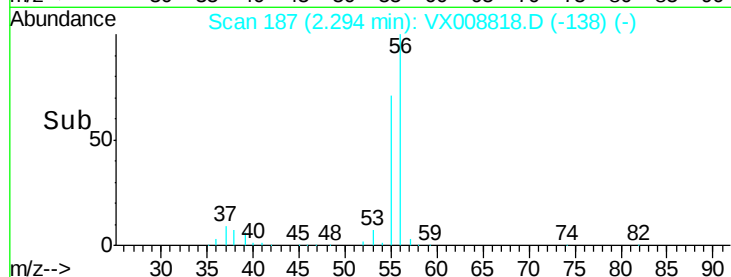
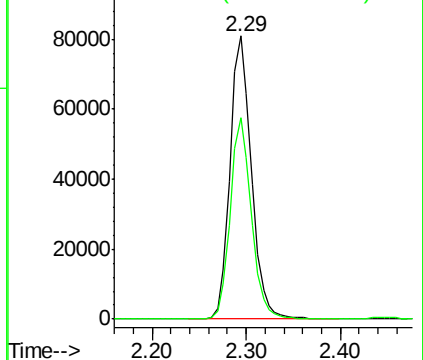
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 43.703 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

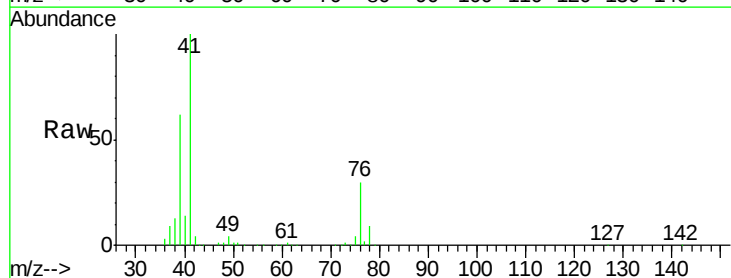
Tgt Ion: 41 Resp: 203671

Ion Ratio Lower Upper

41 100

39 59.4 48.0 72.0

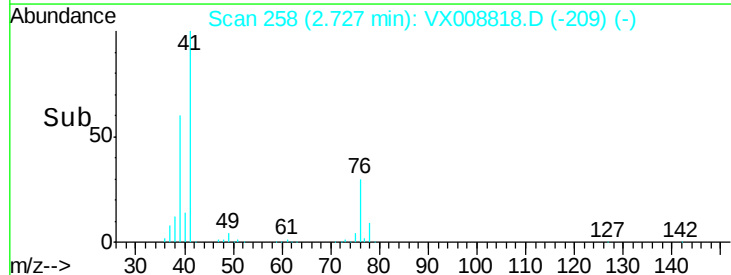
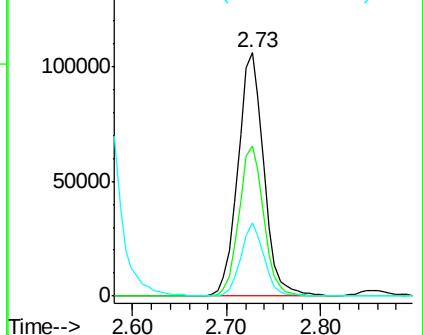
76 27.1 22.0 33.0

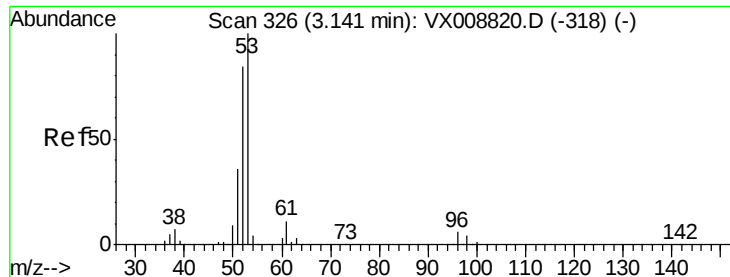


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 220.702 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

Instrument :

MSVOA_X

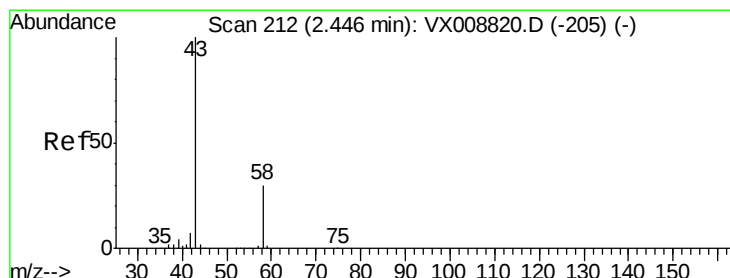
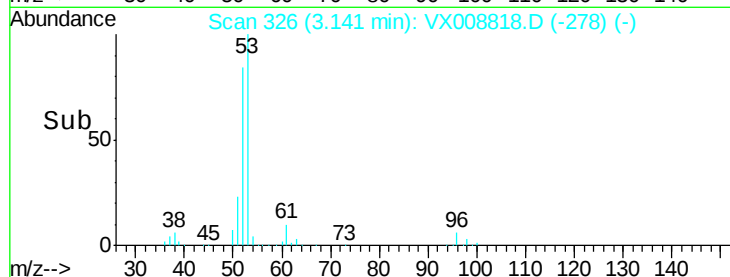
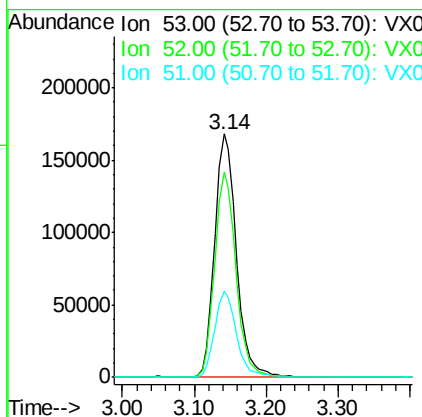
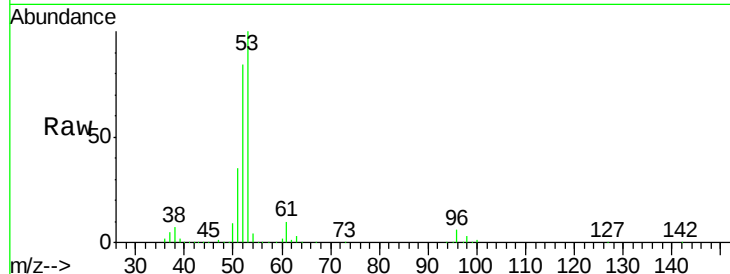
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	351560
Ion Ratio	Lower	Upper	
53	100		
52	82.9	66.5	99.7
51	35.3	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 210.565 ug/l

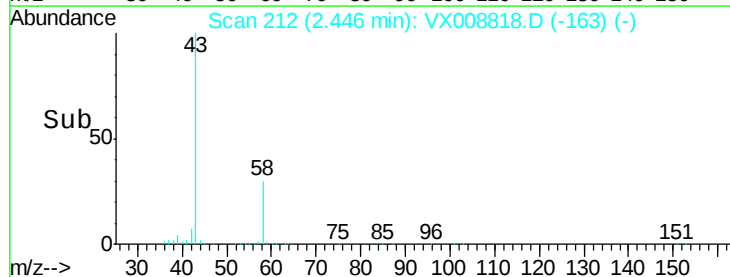
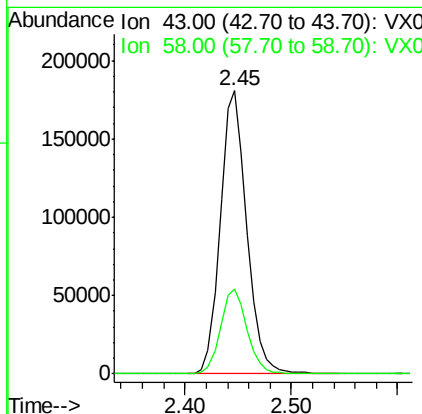
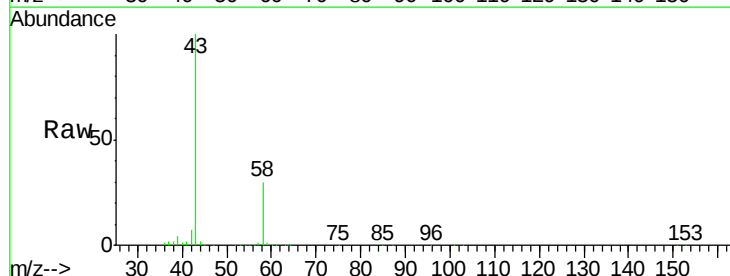
RT: 2.45 min Scan# 212

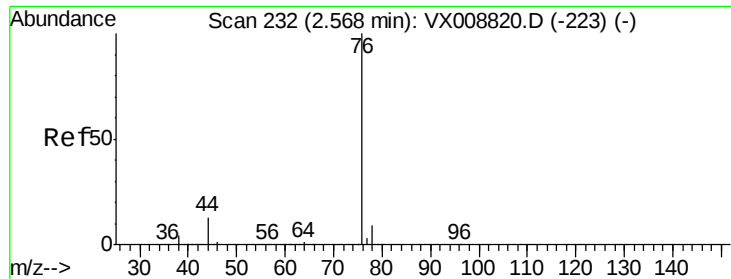
Delta R.T. -0.00 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

Tgt Ion:	43	Resp:	311491
Ion Ratio	Lower	Upper	
43	100		
58	29.9	24.8	37.2





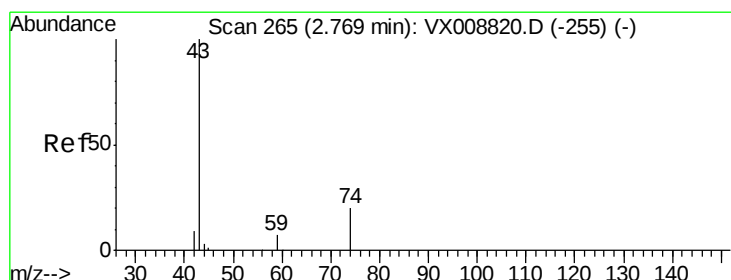
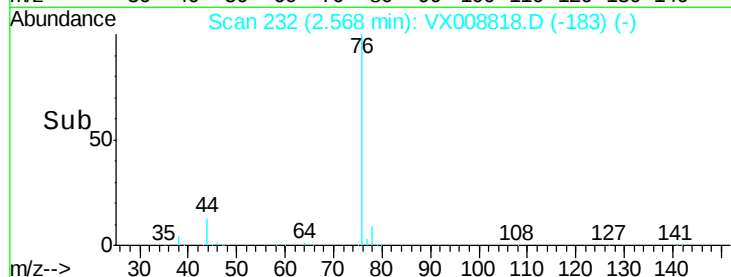
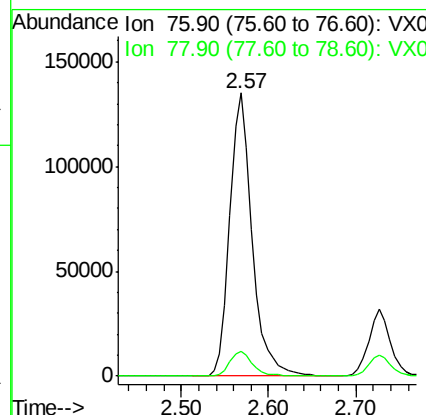
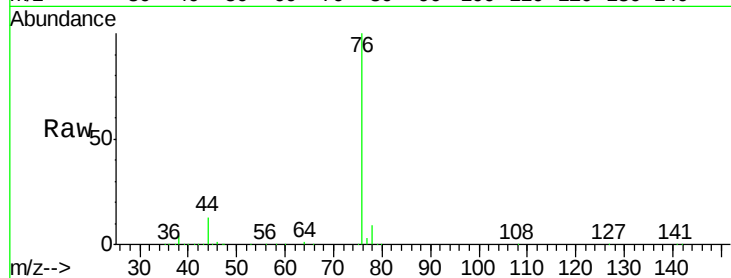
#17
Carbon Disulfide
Concen: 40.679 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.1	10.7

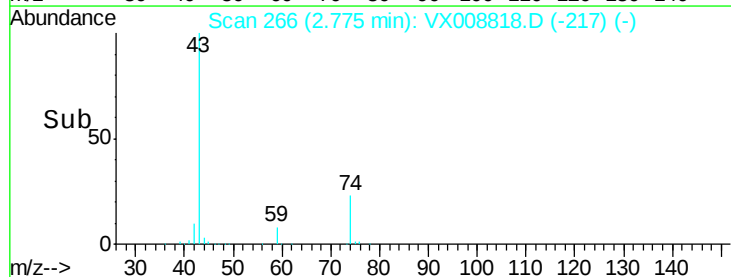
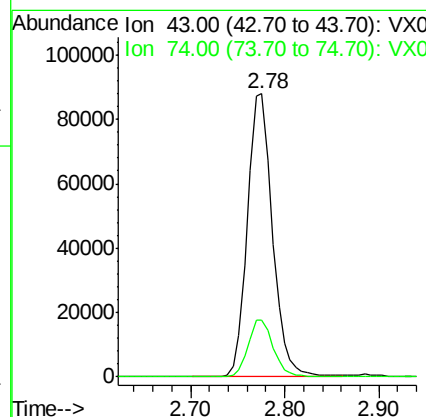
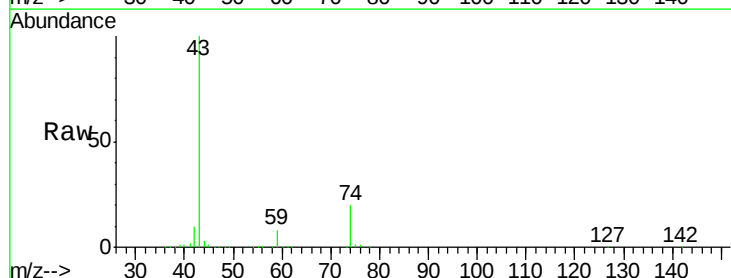
Manual Integrations
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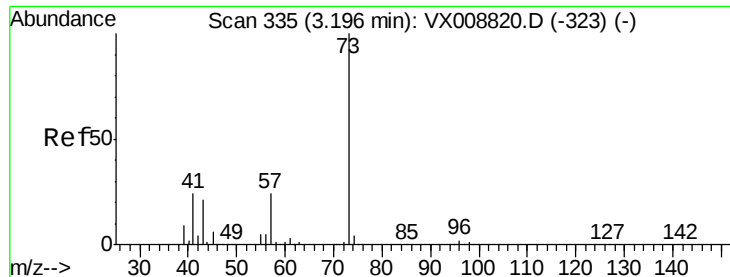
MMDadoda
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#18
Methyl Acetate
Concen: 45.320 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.4	16.5	24.7





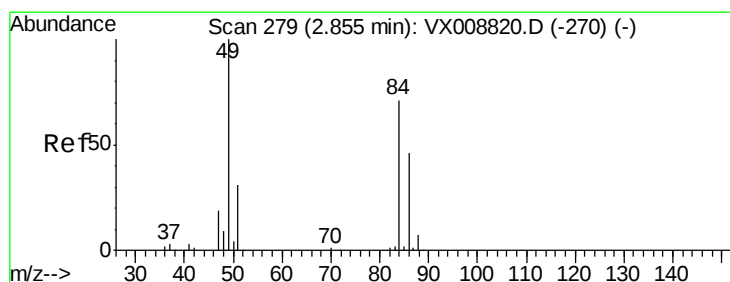
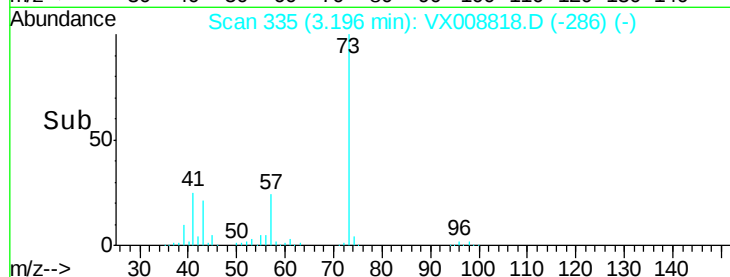
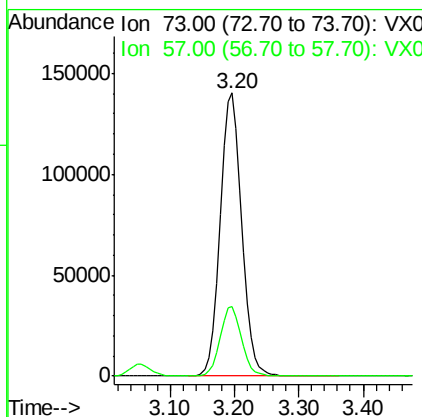
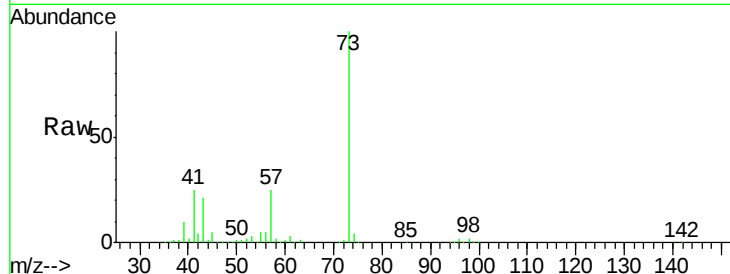
#19
Methvl tert-butvl Ether
Concen: 45.540 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 331086
Ion Ratio Lower Upper
73 100
57 24.5 19.5 29.3

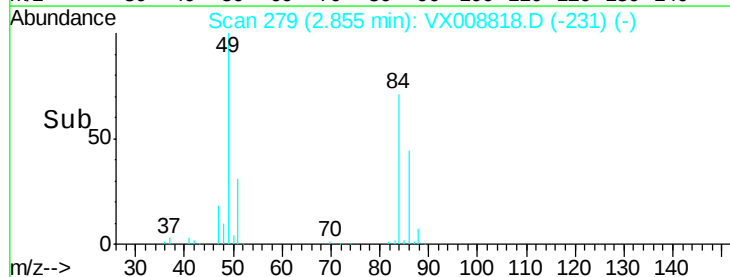
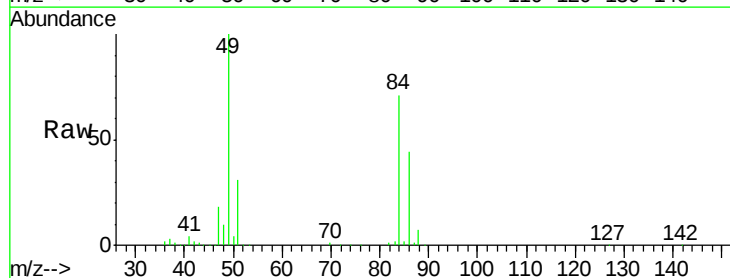
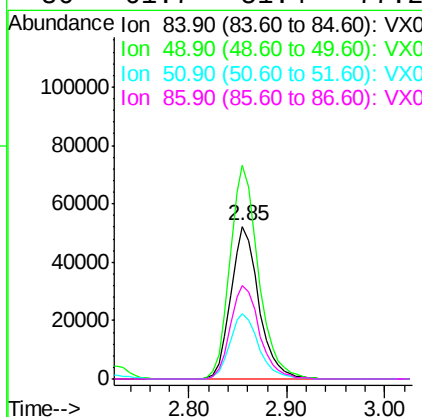
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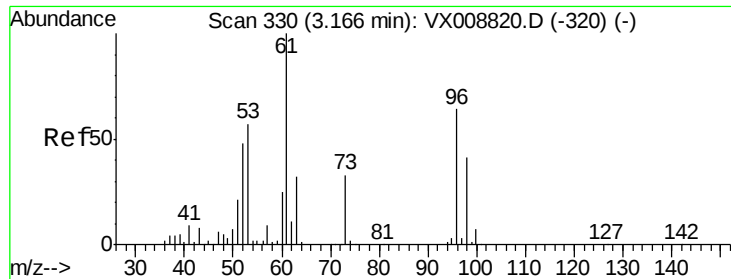
MMDadoda
4/11/2019 11:48:26 AM



#20
Methylene Chloride
Concen: 41.982 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Tgt Ion: 84 Resp: 103955
Ion Ratio Lower Upper
84 100
49 140.1 109.7 164.5
51 42.7 33.6 50.4
86 61.7 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 41.718 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 91863

Ion Ratio Lower Upper

96 100

61 155.7 132.1 198.1

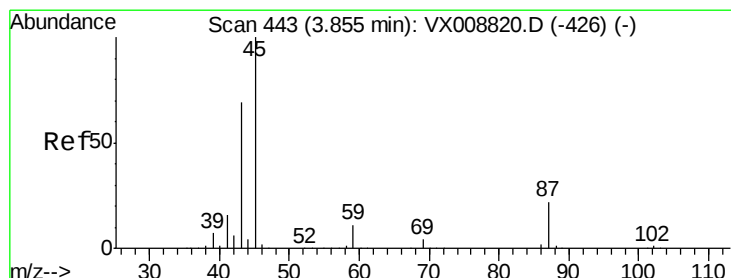
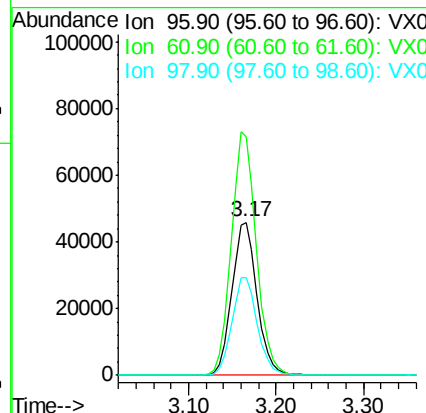
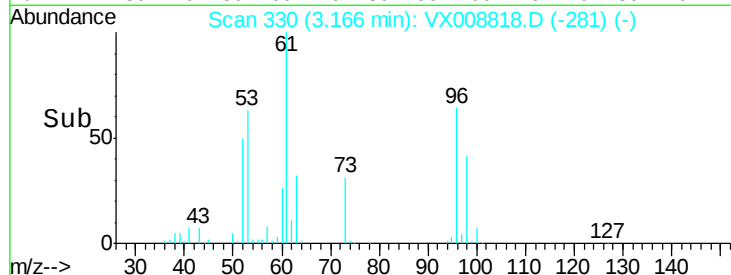
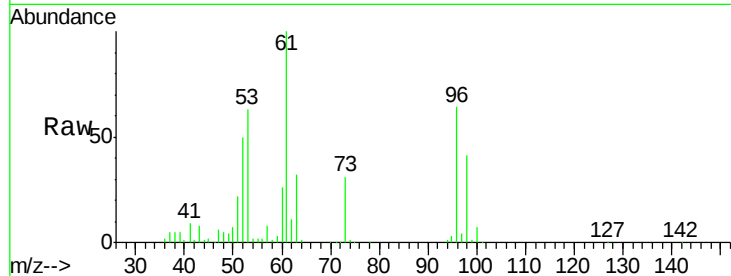
98 63.8 52.2 78.2

Manual Integrations

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#22

Diisopropyl ether

Concen: 45.275 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

Tgt Ion: 45 Resp: 406681

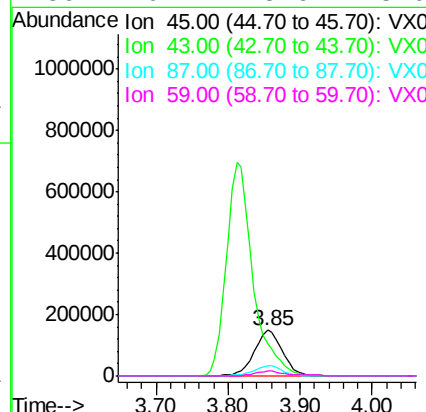
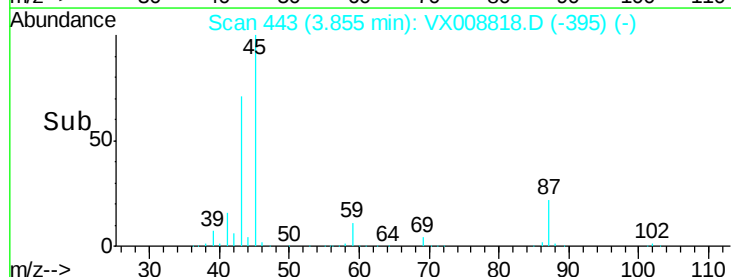
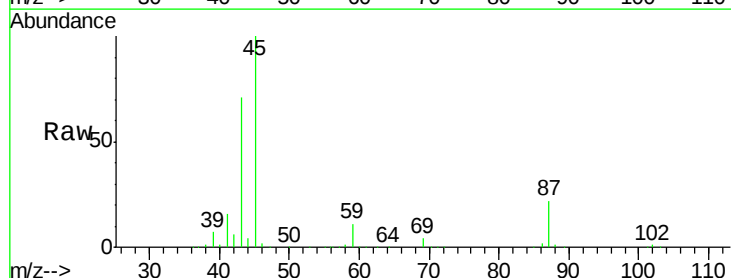
Ion Ratio Lower Upper

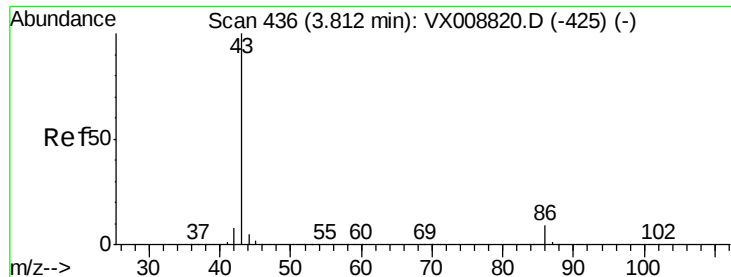
45 100

43 71.0 51.3 76.9

87 22.0 18.1 27.1

59 10.7 8.6 13.0





#23

Vinyl Acetate

Concen: 230.052 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1797650

Ion Ratio Lower Upper

43 100

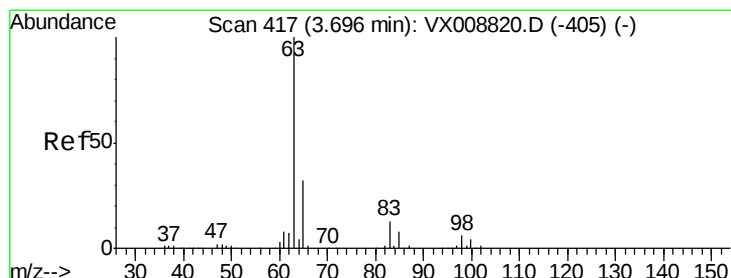
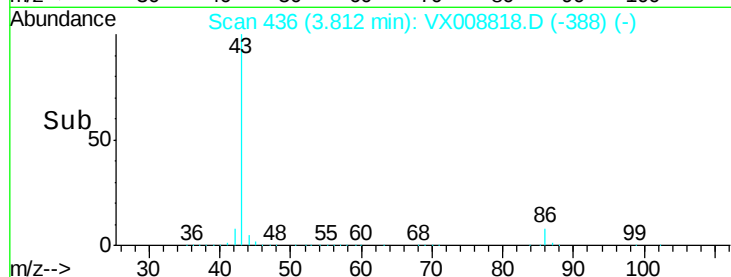
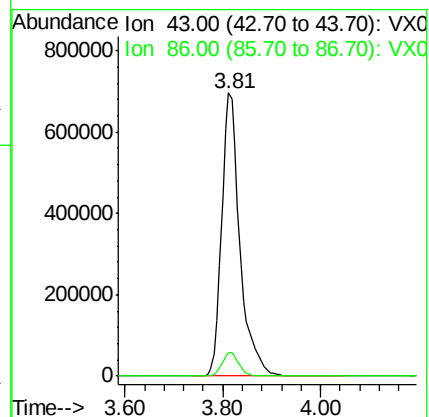
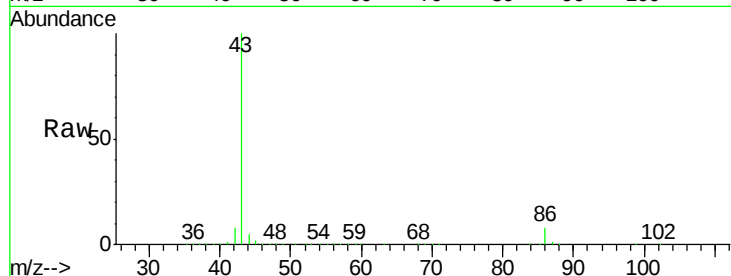
86 8.5 7.0 10.6

Manual Integrations

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MMDadoda

4/11/2019 11:48:26 AM



#24

1,1-Dichloroethane

Concen: 44.102 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

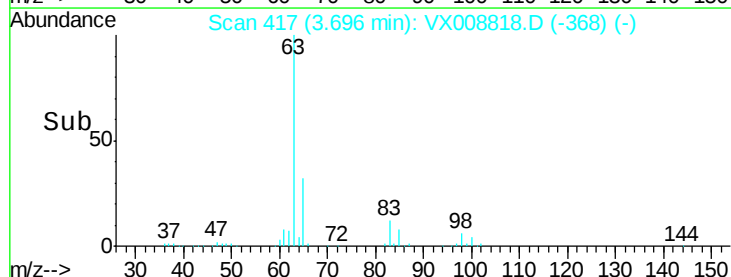
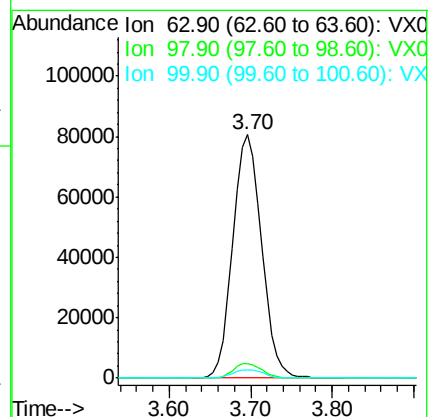
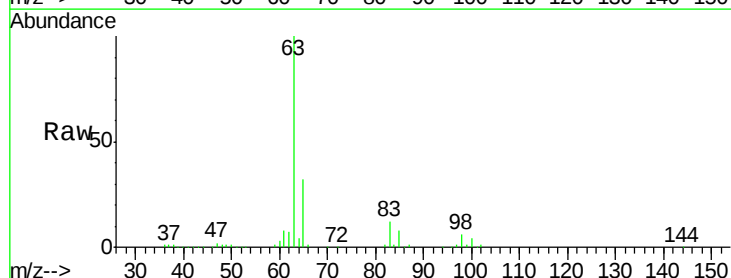
Tgt Ion: 63 Resp: 196136

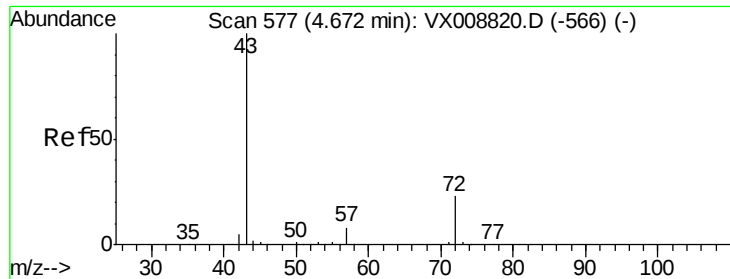
Ion Ratio Lower Upper

63 100

98 5.9 2.8 8.4

100 3.5 1.8 5.5





#25

2-Butanone

Concen: 224.404 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 524676

Ion Ratio Lower Upper

43 100

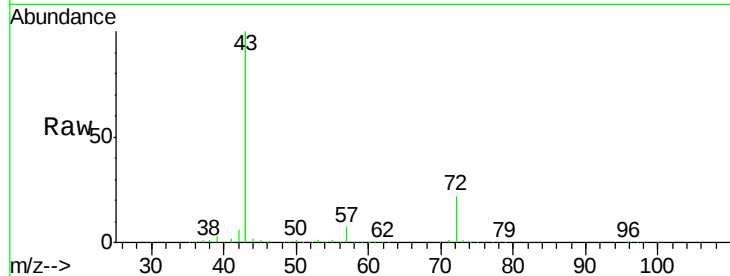
72 22.0 18.2 27.4

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

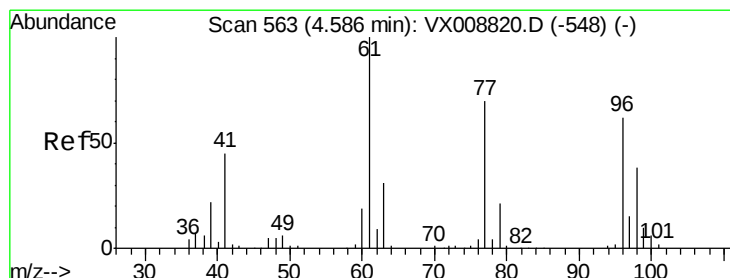
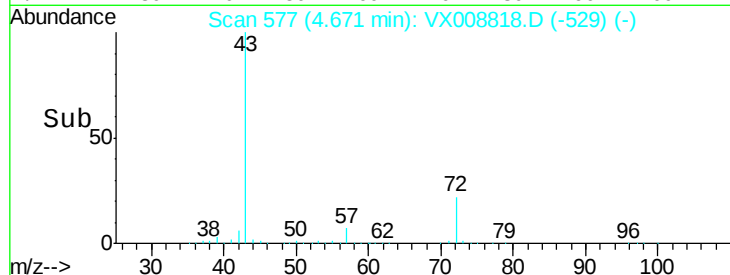
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 43.663 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008818.D

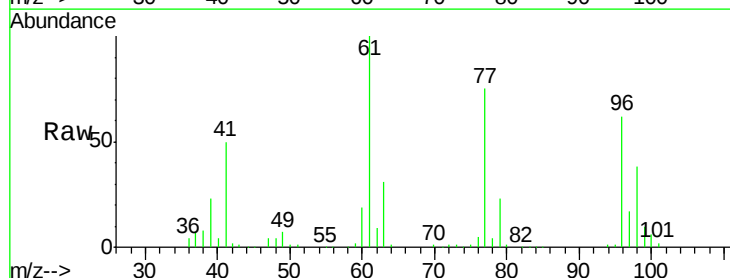
Acq: 10 Apr 2019 20:12

Tgt Ion: 77 Resp: 136765

Ion Ratio Lower Upper

77 100

97 22.8 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

50000

40000

30000

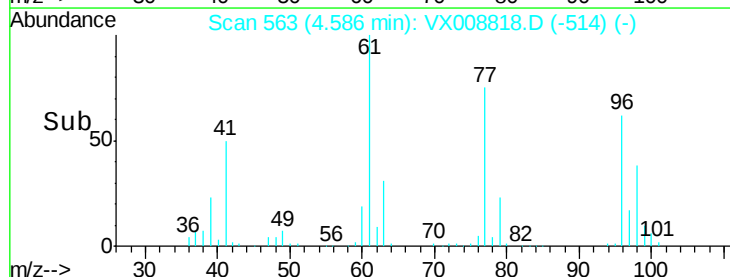
20000

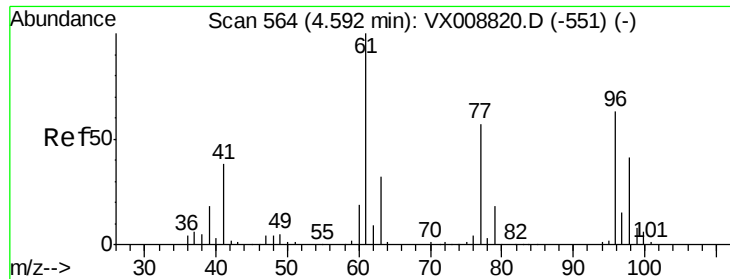
10000

0

4.40 4.50 4.60 4.70

Time-->





#27

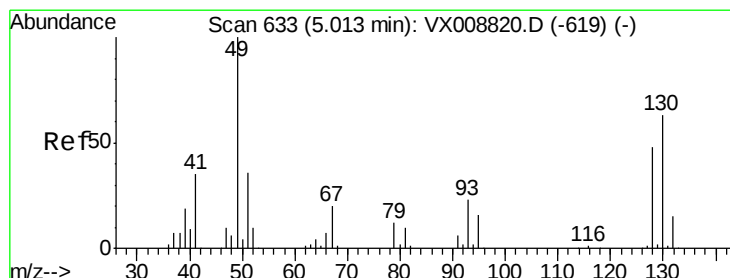
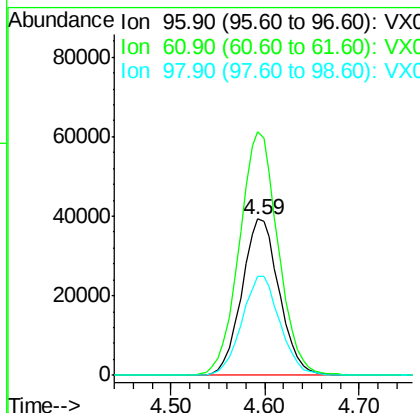
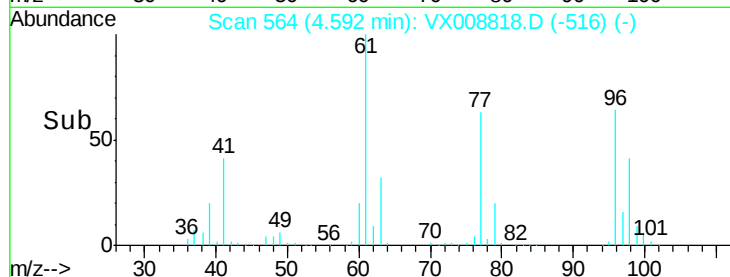
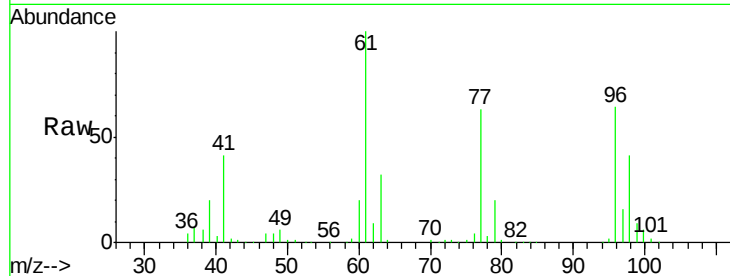
cis-1,2-Dichloroethene
Concen: 43.165 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	109280		
61	161.7	0.0	327.6	
98	64.6	0.0	128.6	

Manual Integrations
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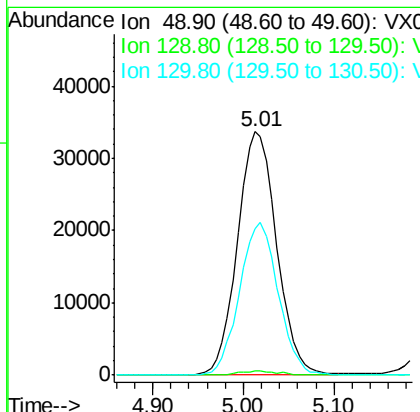
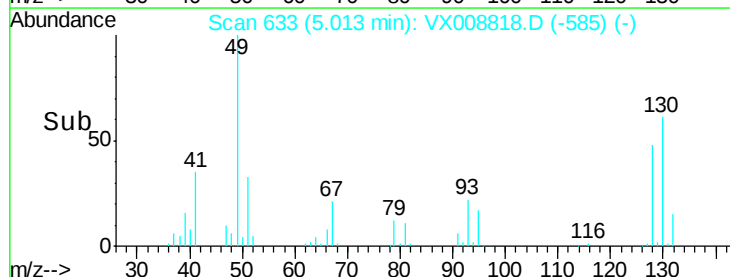
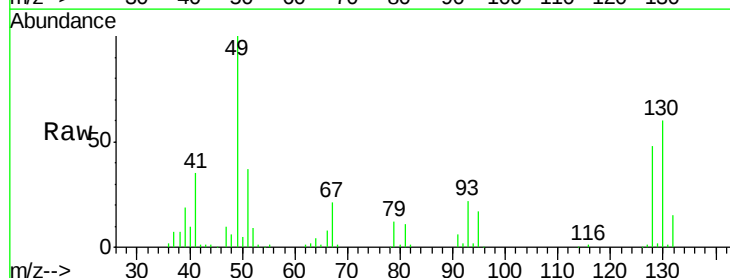
MMDadoda
4/11/2019 11:48:26 AM

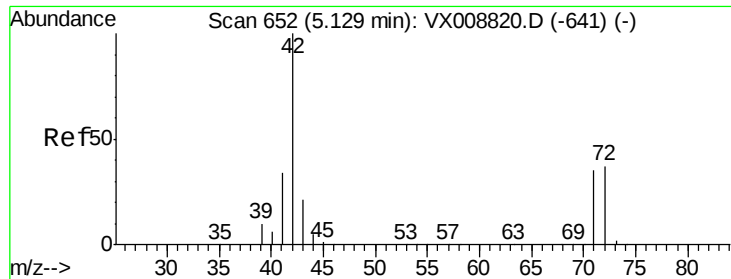


#28

Bromochloromethane
Concen: 54.743 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	101164		
129	1.7	0.0	3.6	
130	61.7	49.3	73.9	





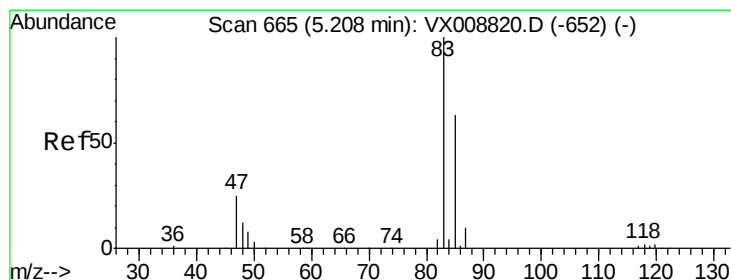
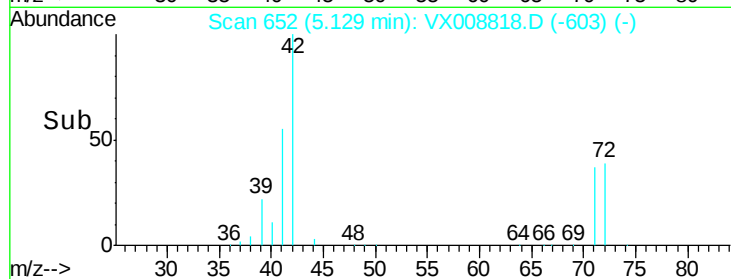
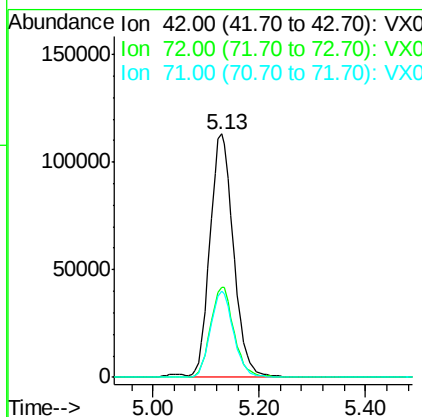
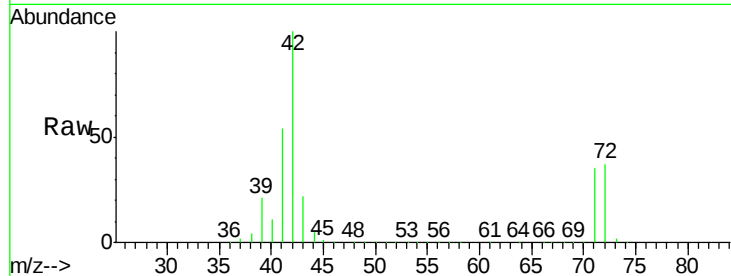
#29
Tetrahydrofuran
Concen: 222.196 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.2	30.5	45.7
71	34.7	28.6	43.0

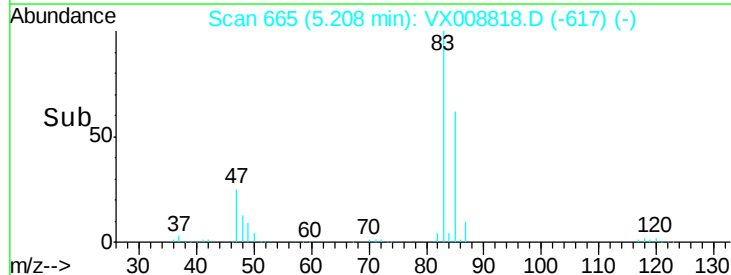
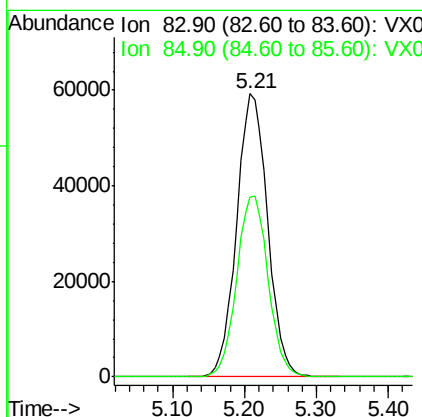
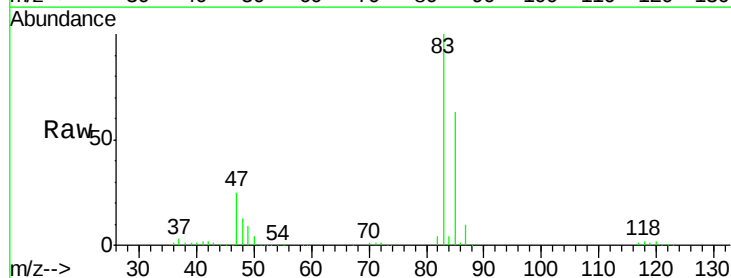
Manual Integrations
APPROVED

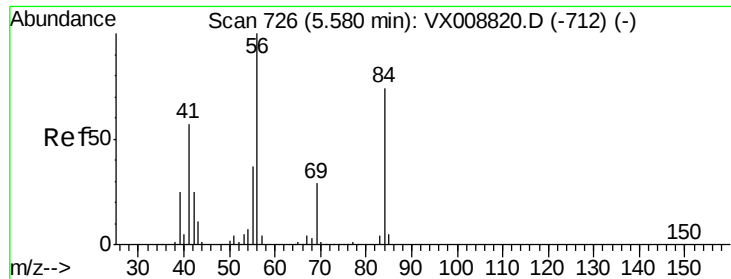
MMDadoda
4/11/2019 11:48:26 AM



#30
Chloroform
Concen: 44.601 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	52.1	78.1





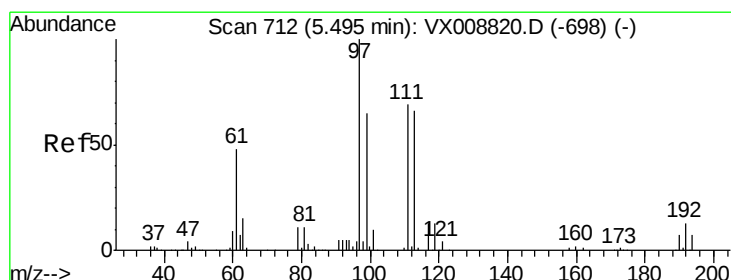
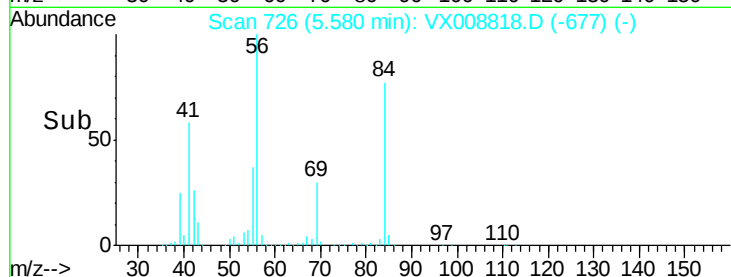
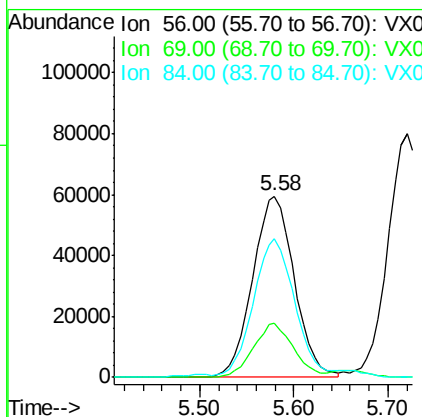
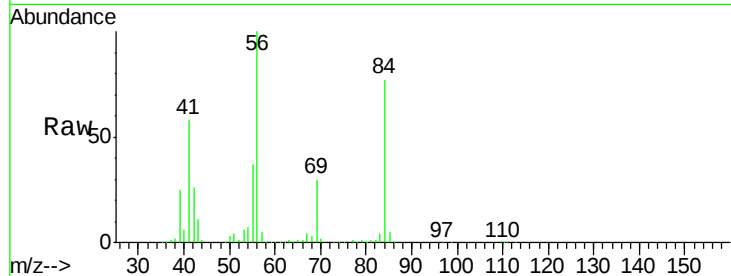
#31
Cyclohexane
Concen: 41.501 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.0	22.6	33.8
84	75.3	59.3	88.9

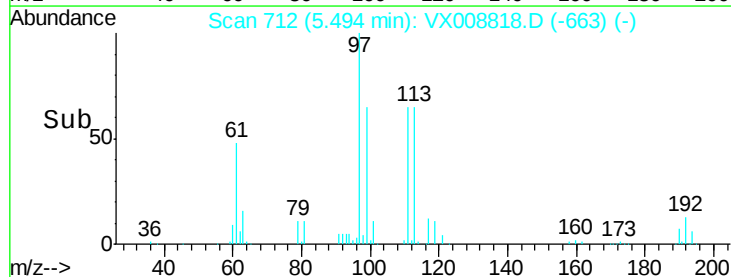
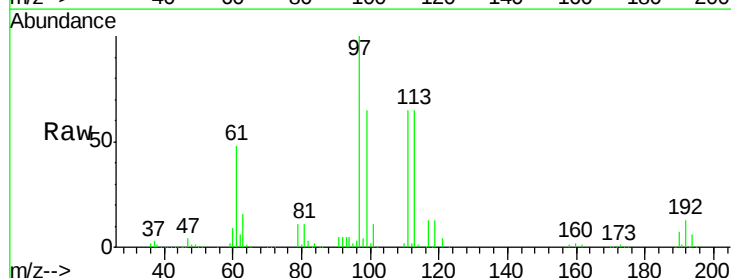
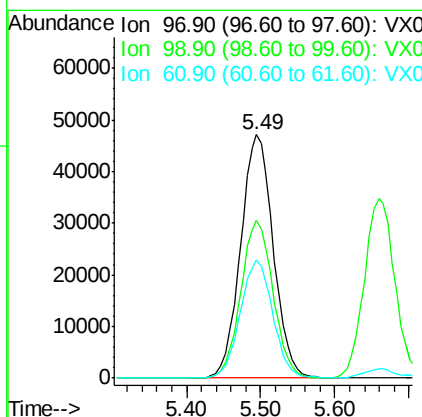
Manual Integrations
APPROVED

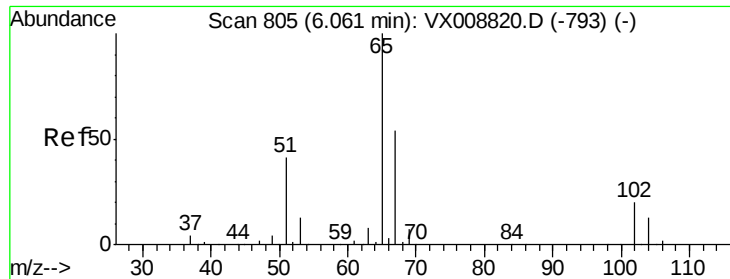
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 45.061 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.3	76.9
61	48.6	38.9	58.3





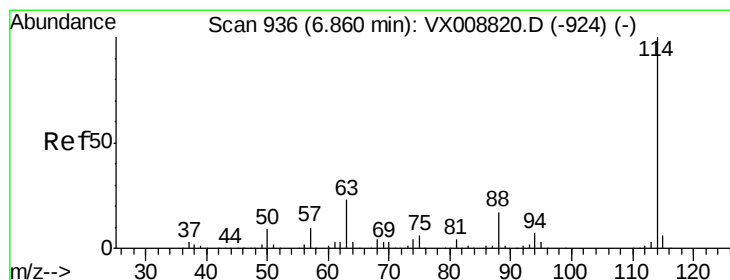
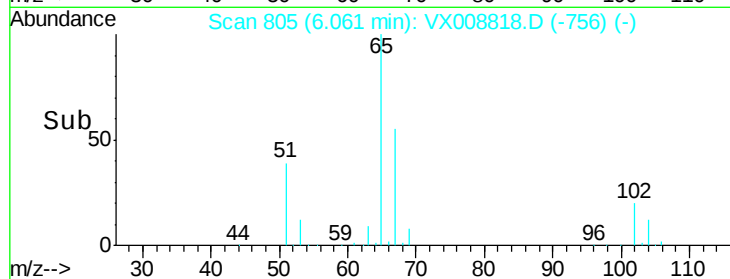
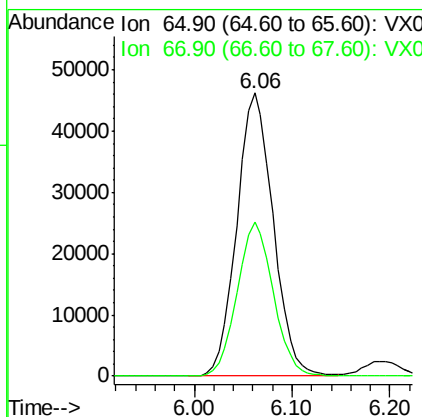
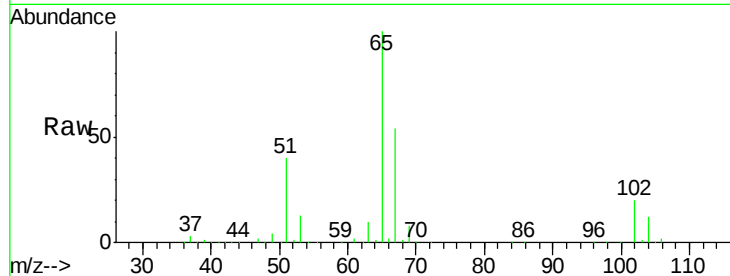
#33
 1,2-Dichloroethane-d4
 Concen: 46.491 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008818.D
 Acq: 10 Apr 2019 20:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	119406		
67	54.0	0.0	107.2	

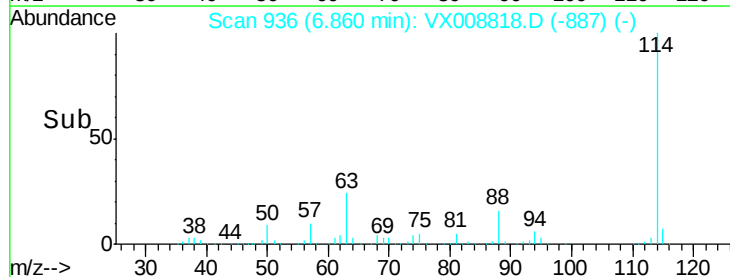
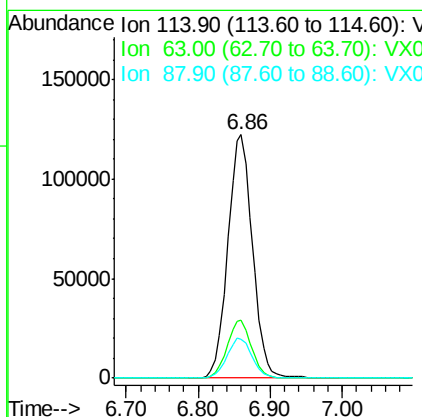
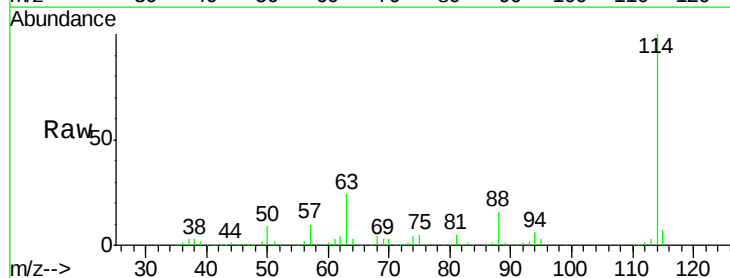
Manual Integrations
 APPROVED

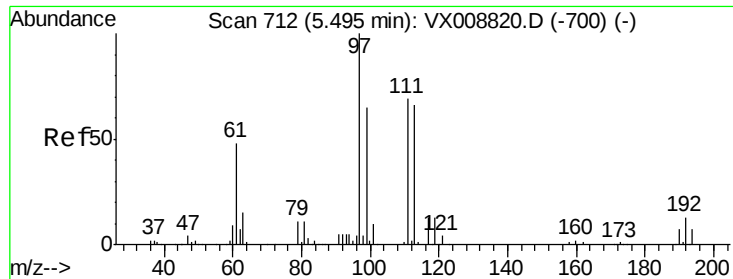
MMDadoda
 4/11/2019 11:48:26 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008818.D
 Acq: 10 Apr 2019 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	290829		
63	23.7	0.0	47.2	
88	15.8	0.0	34.0	





#35

Dibromofluoromethane

Concen: 47.729 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

Instrument :

MSVOA_X

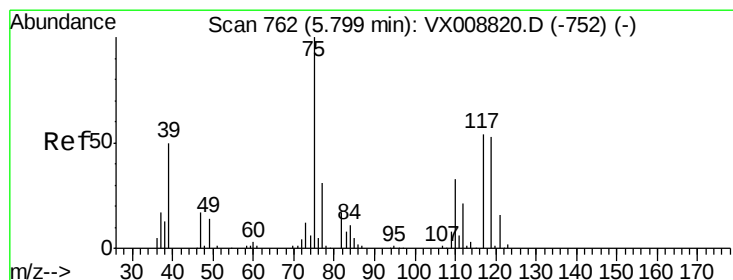
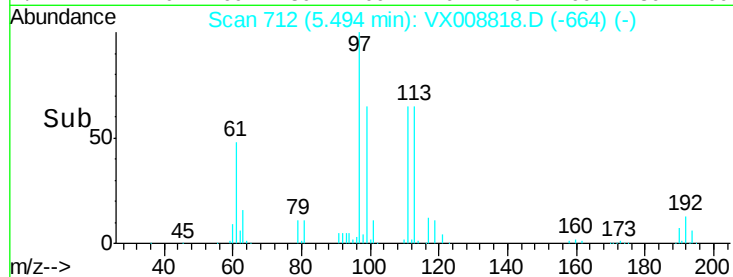
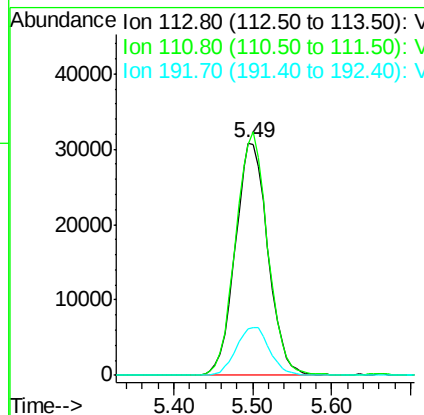
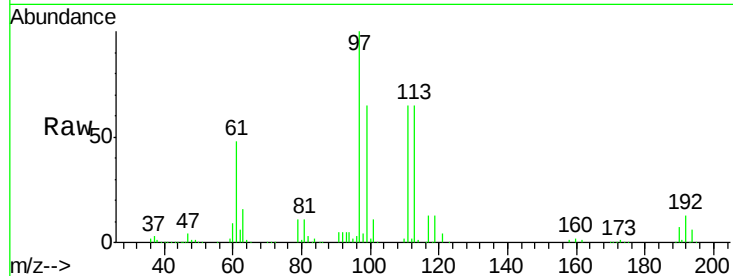
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.4	125.2
192	21.0	16.1	24.1

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 42.622 ug/l

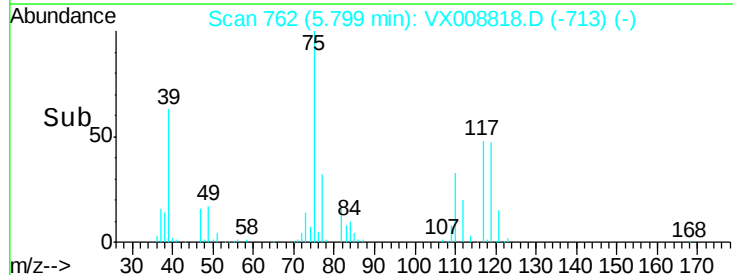
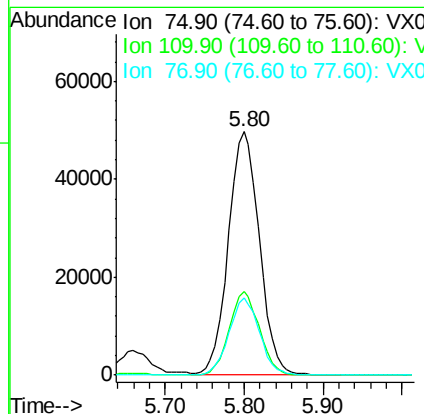
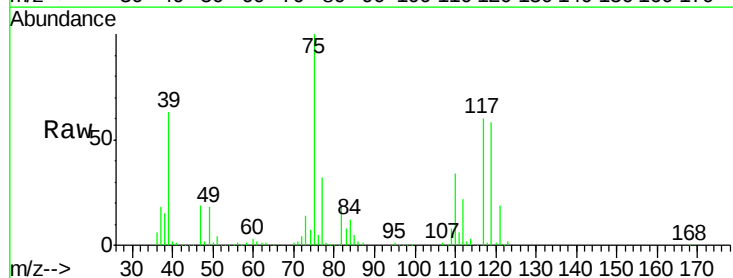
RT: 5.80 min Scan# 762

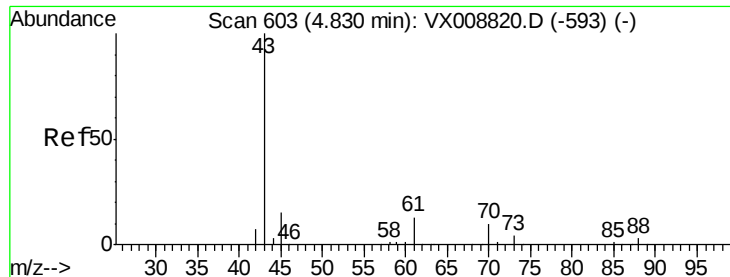
Delta R.T. -0.00 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.6	16.4	49.2
77	30.9	24.7	37.1





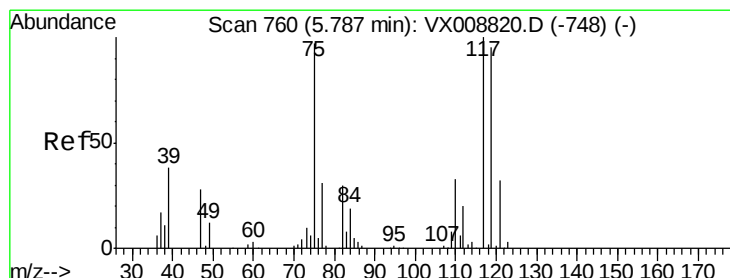
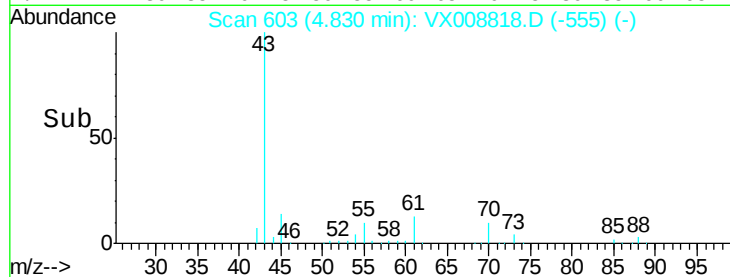
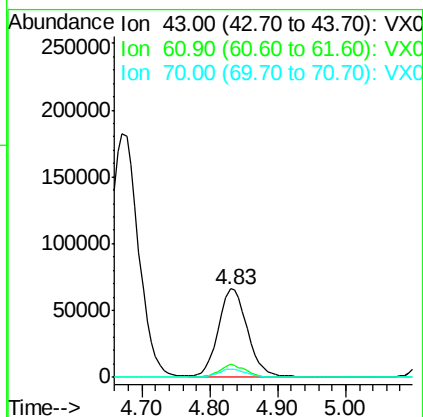
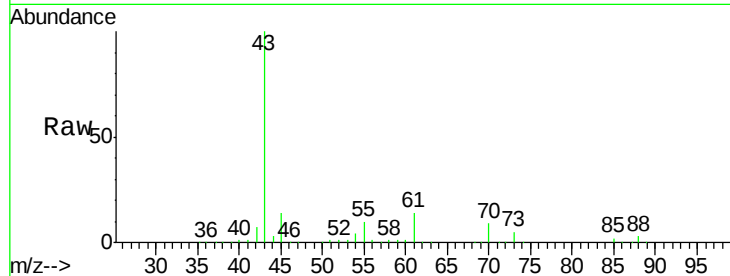
#37
Ethyl Acetate
Concen: 46.443 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.3	15.5
70	9.3	7.6	11.4

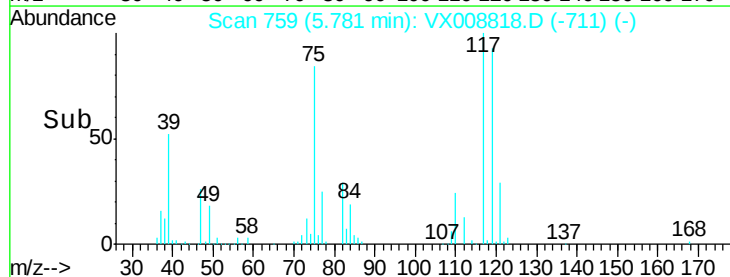
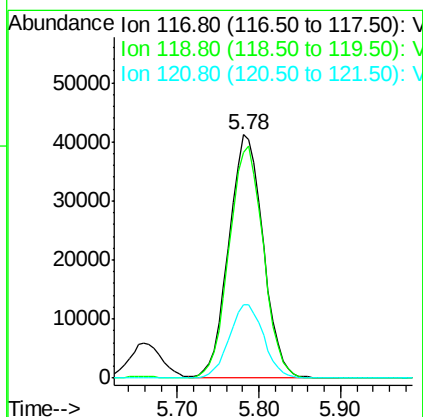
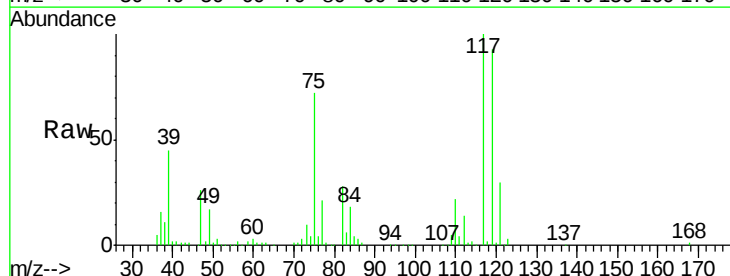
Manual Integrations
APPROVED

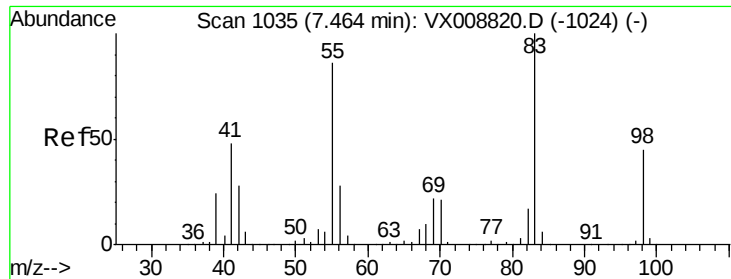
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#38
Carbon Tetrachloride
Concen: 45.554 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.9	75.0	112.6
121	30.0	24.3	36.5





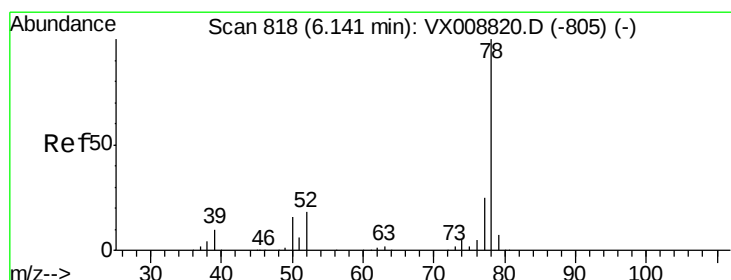
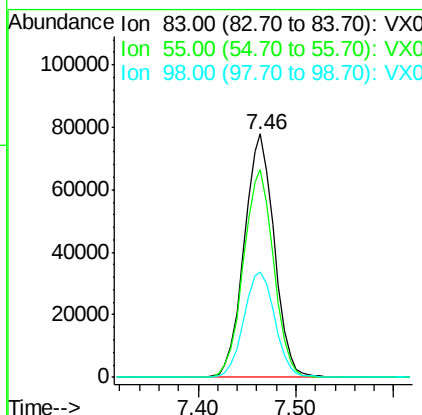
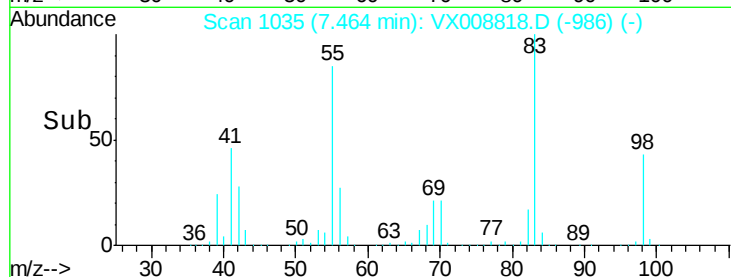
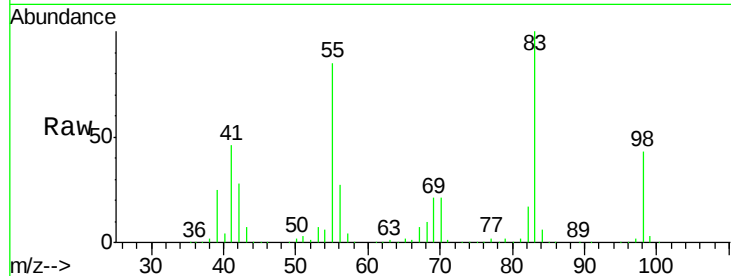
#39
Methylvlcvclohexane
Concen: 42.173 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	85.4	69.0	103.6
98	43.1	34.4	51.6

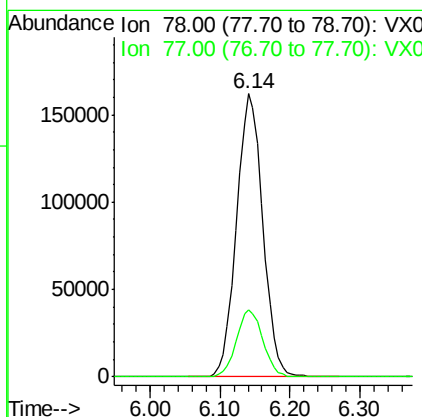
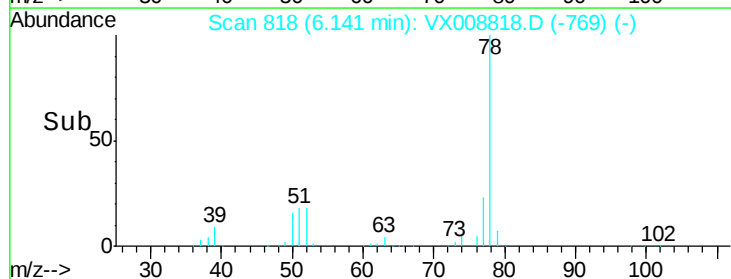
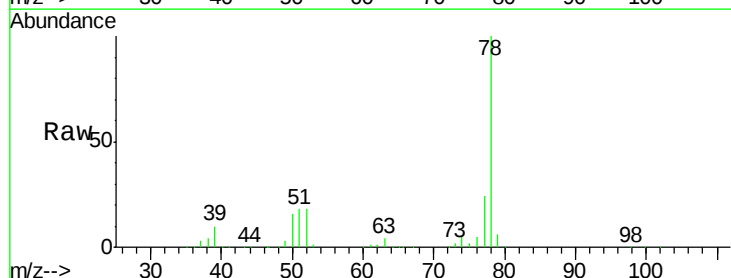
Manual Integrations
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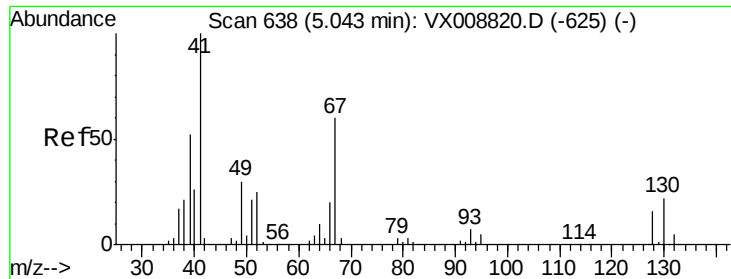
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4/11/2019 11:48:26 AM



#40
Benzene
Concen: 44.558 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.1	28.7





#41

Methacrylonitrile

Concen: 46.381 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

Instrument :

MSVOA_X

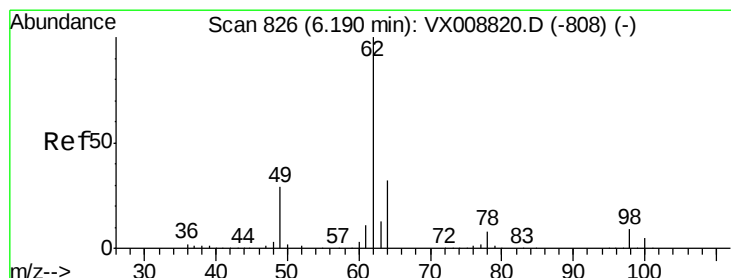
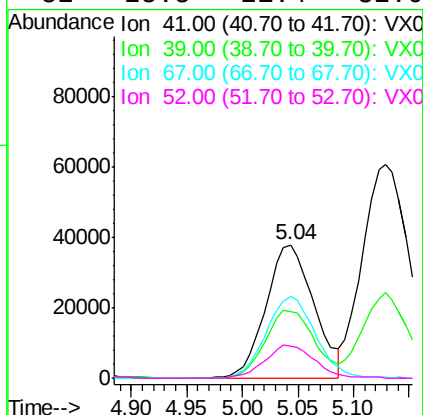
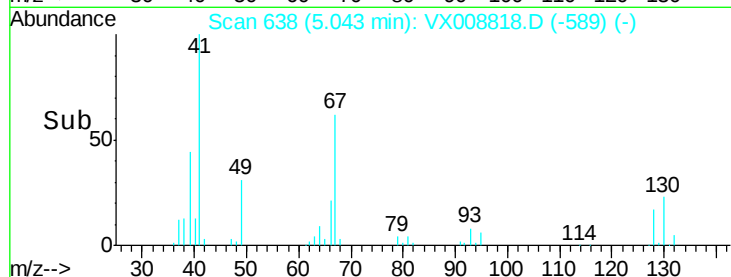
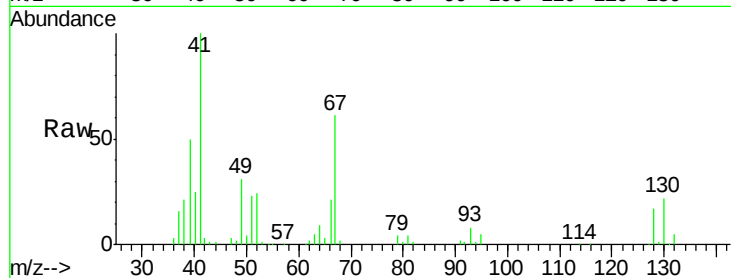
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.5	42.1	63.1	
67	63.1	51.0	76.6	
52	25.5	21.4	32.0	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 44.863 ug/l

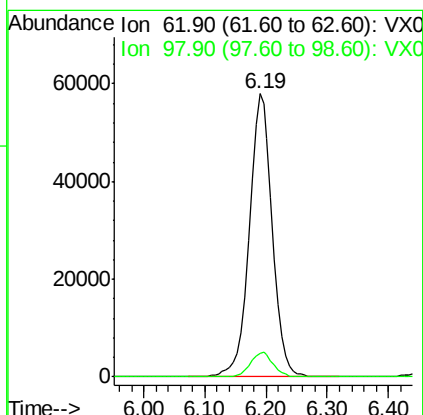
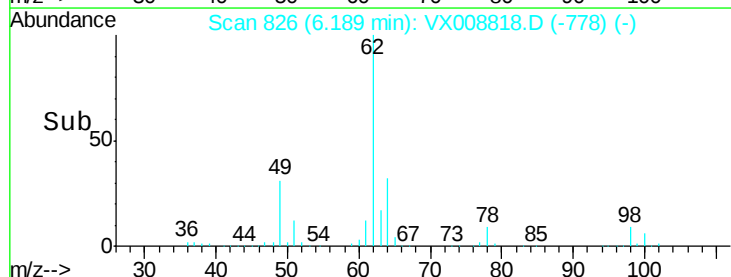
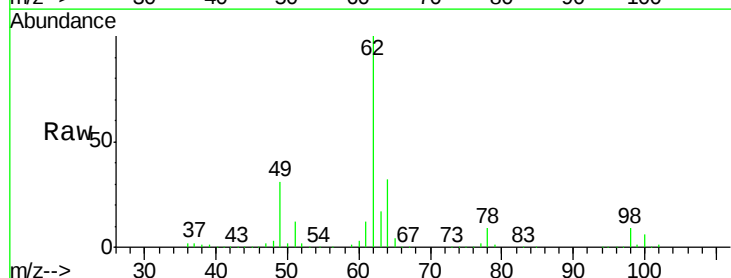
RT: 6.19 min Scan# 826

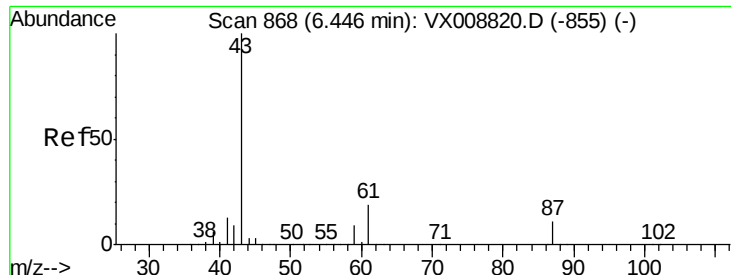
Delta R.T. -0.01 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.6	0.0	18.0	





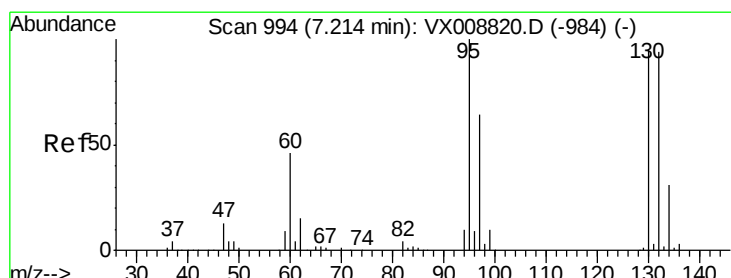
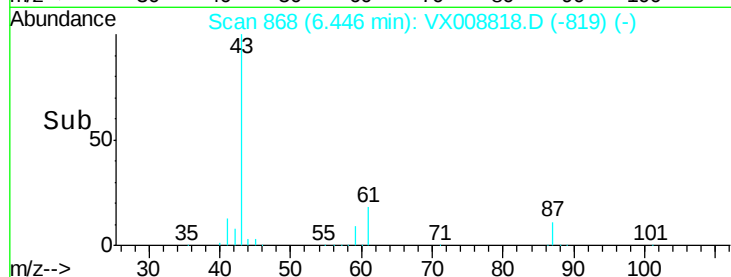
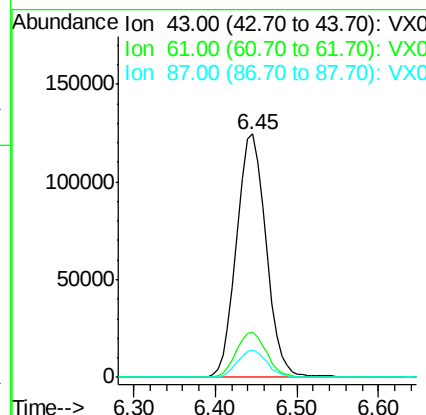
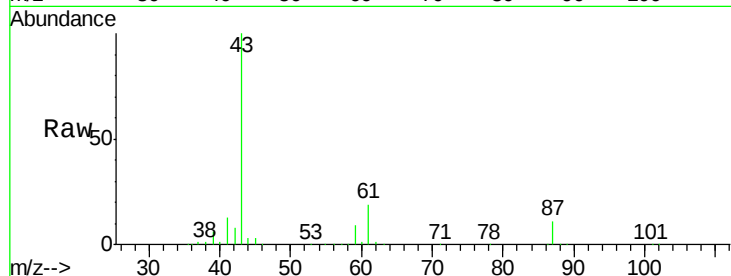
#43
Isopropyl Acetate
Concen: 46.725 ug/l
RT: 6.45 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.0	15.3	22.9
87	11.1	9.0	13.6

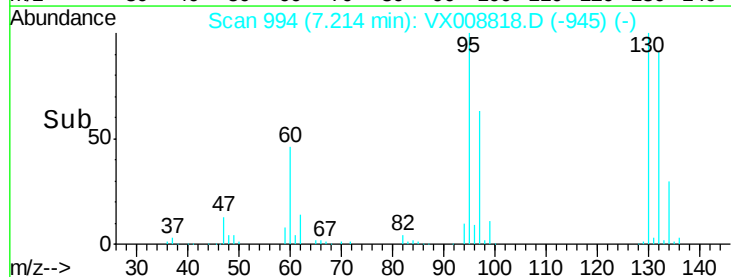
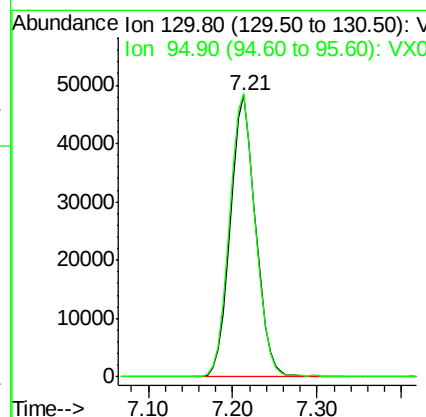
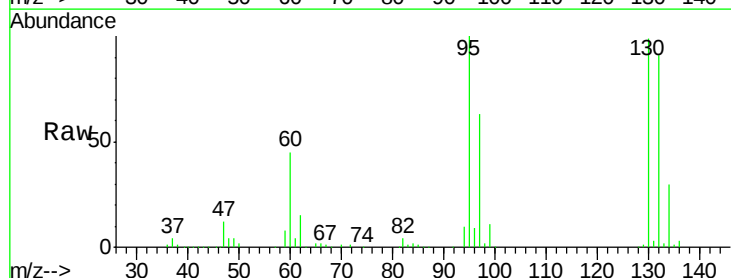
Manual Integrations
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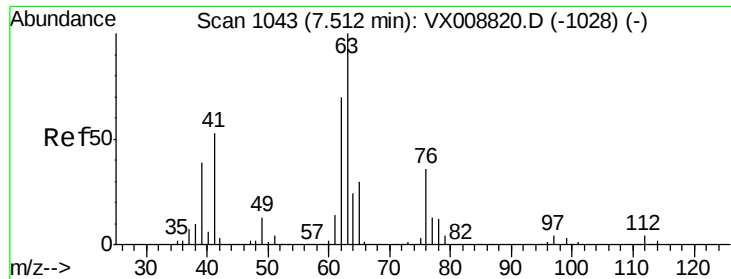
MMDadoda
4/11/2019 11:48:26 AM



#44
Trichloroethene
Concen: 44.891 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.5	0.0	209.8





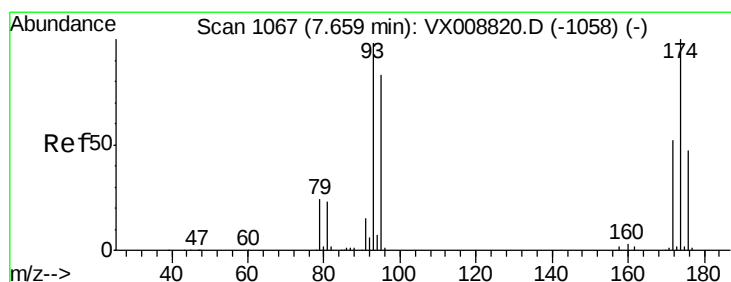
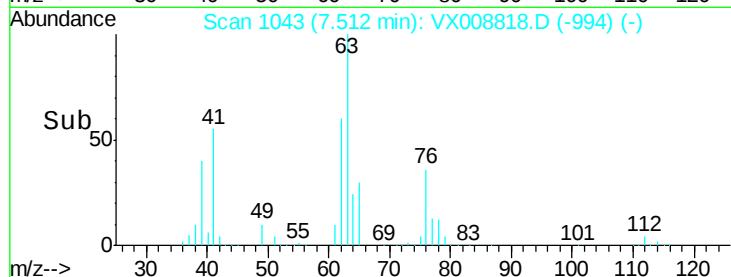
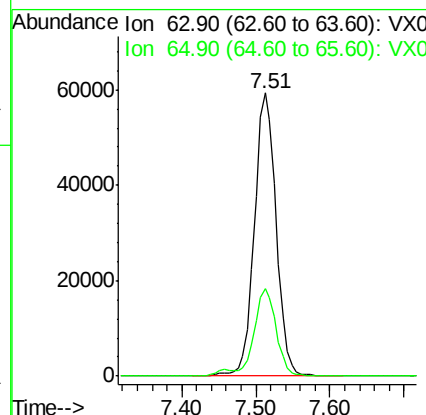
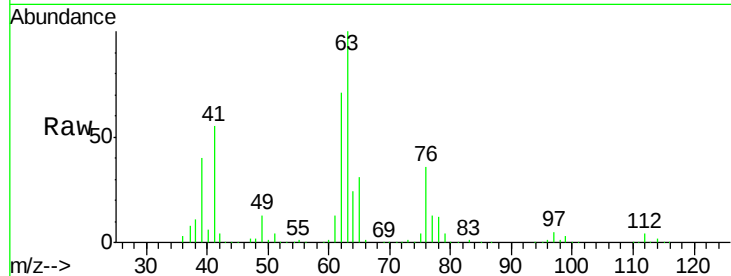
#45
 1,2-Dichloropropane
 Concen: 45.140 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008818.D
 Acq: 10 Apr 2019 20:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.0	24.2	36.4

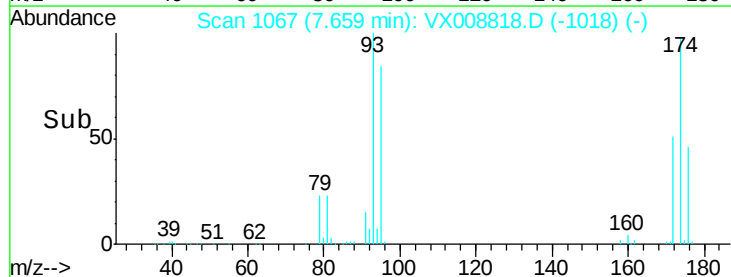
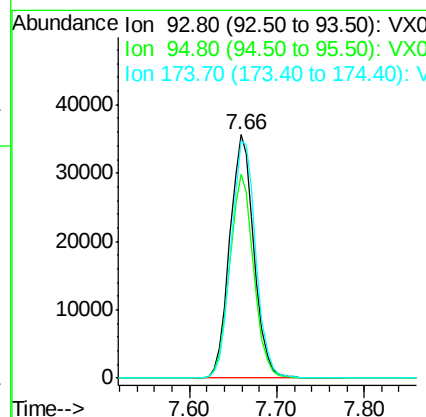
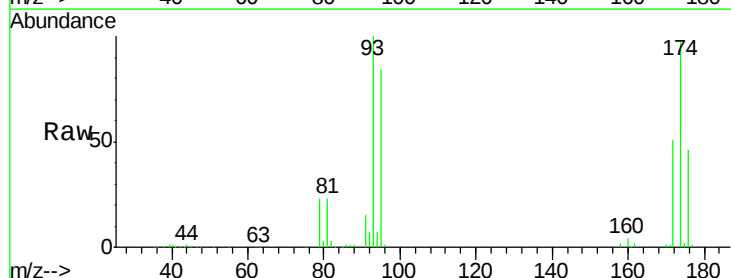
Manual Integrations
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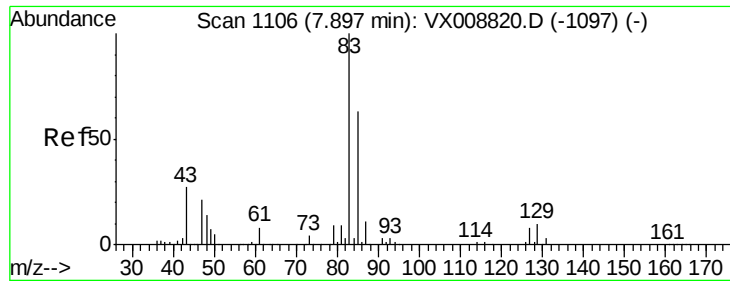
MMDadoda
 4/11/2019 11:48:26 AM



#46
 Dibromomethane
 Concen: 43.476 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008818.D
 Acq: 10 Apr 2019 20:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.0	66.6	99.8
174	99.8	77.7	116.5





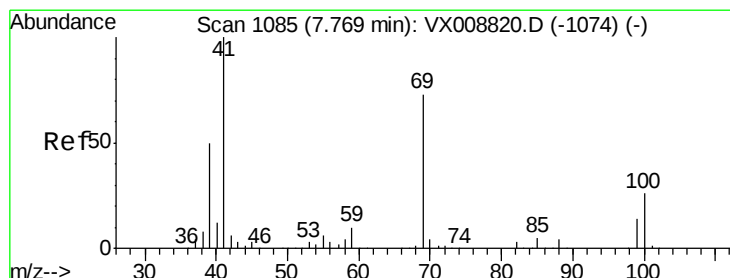
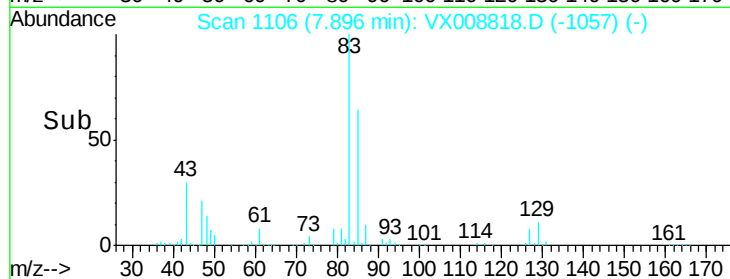
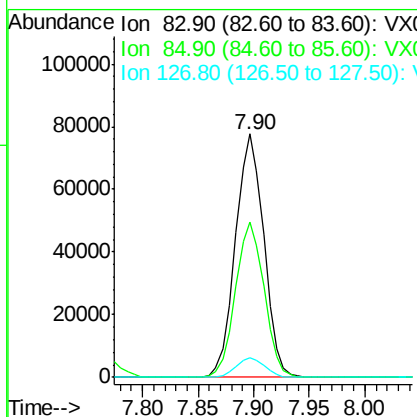
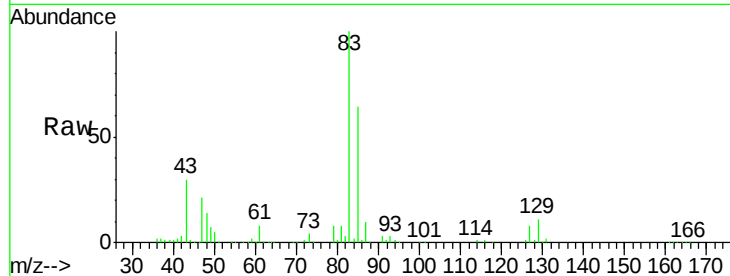
#47
Bromodichloromethane
Concen: 46.448 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	137303
Ion Ratio	100	Lower	Upper
83	100		
85	64.0	51.2	76.8
127	8.1	6.6	10.0

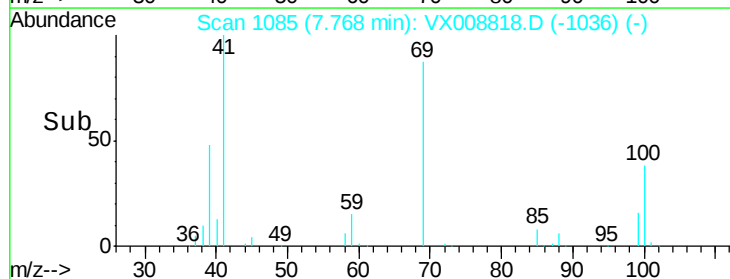
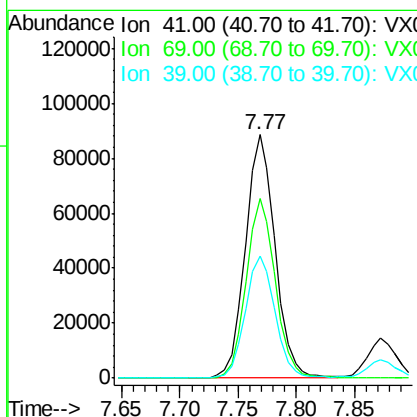
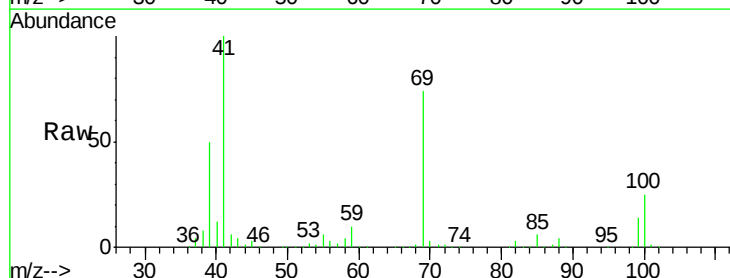
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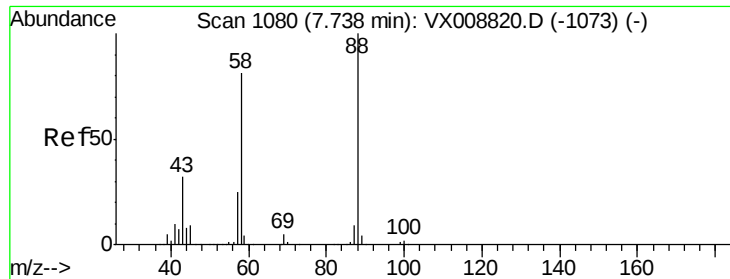
MMDadoda
4/11/2019 11:48:26 AM



#48
Methyl methacrylate
Concen: 46.700 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Tgt Ion	41	Resp	157031
Ion Ratio	100	Lower	Upper
41	100		
69	73.3	59.0	88.4
39	50.3	41.0	61.4





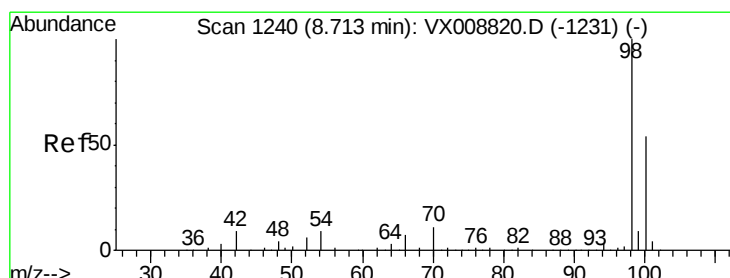
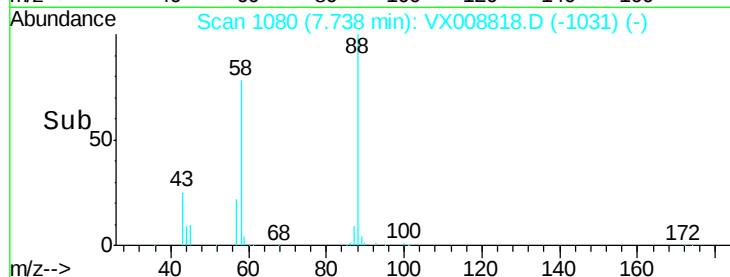
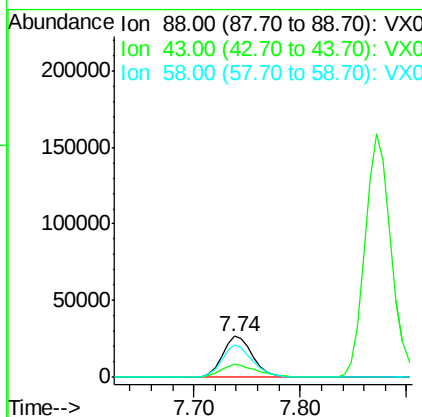
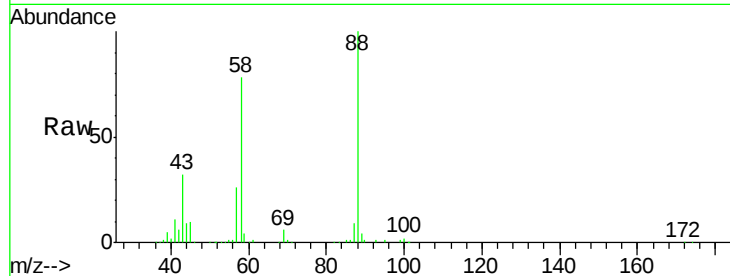
#49
1,4-Dioxane
Concen: 846.587 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.9	28.6	43.0
58	80.0	62.2	93.2

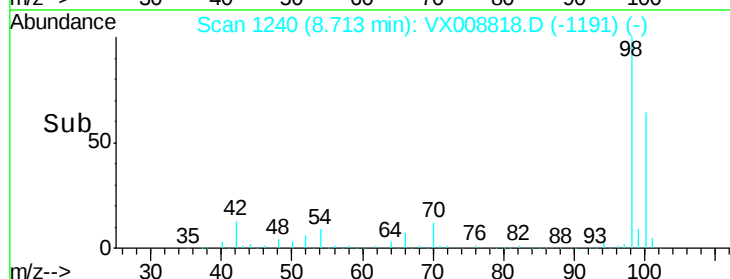
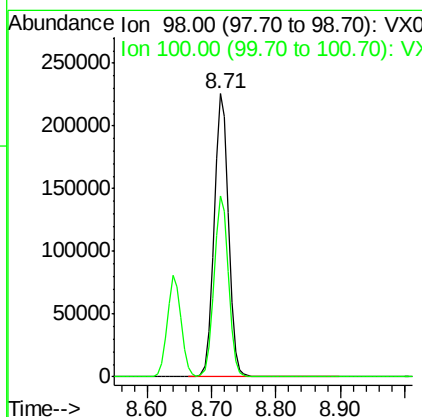
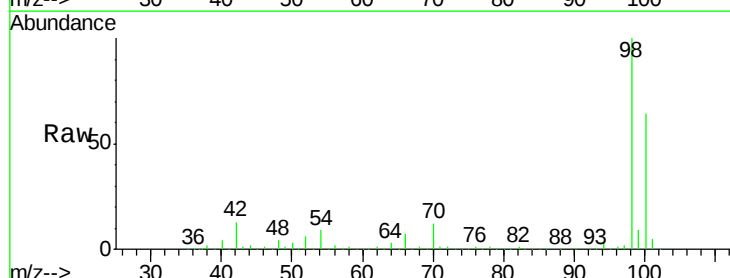
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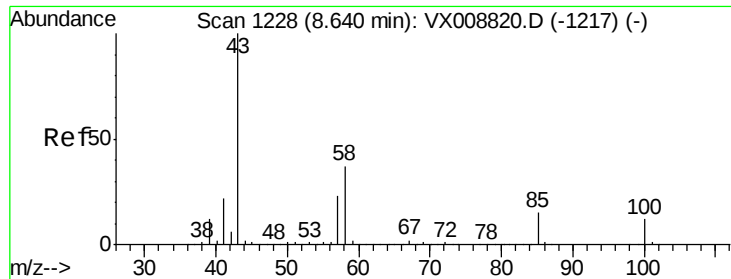
MMDadoda
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#50
Toluene-d8
Concen: 48.188 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.4	77.0





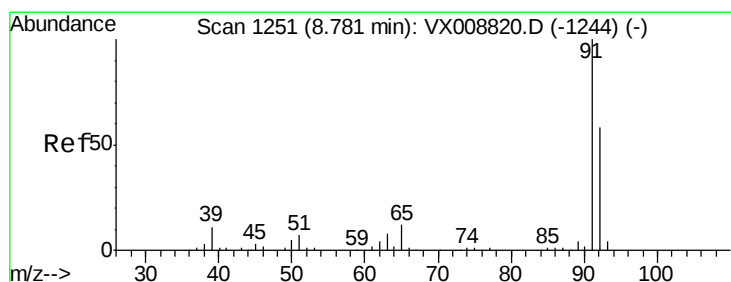
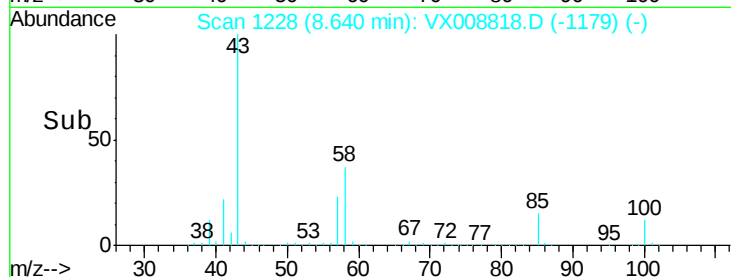
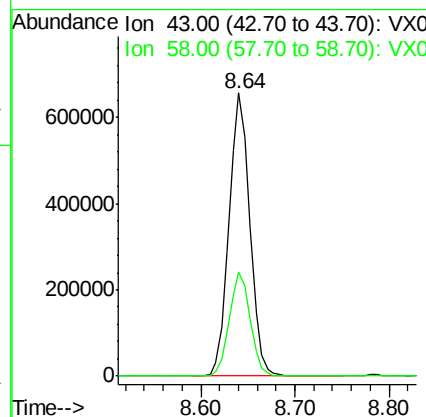
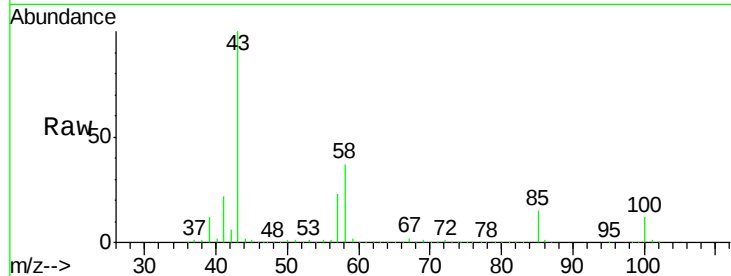
#51
4-Methyl-2-Pentanone
Concen: 235.243 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1006625
Ion Ratio Lower Upper
43 100
58 36.7 29.5 44.3

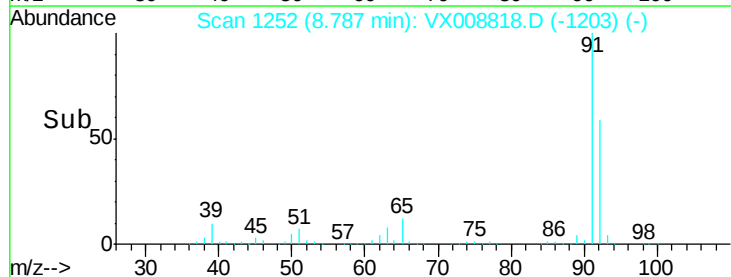
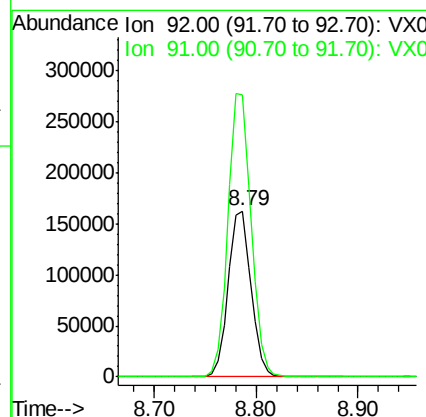
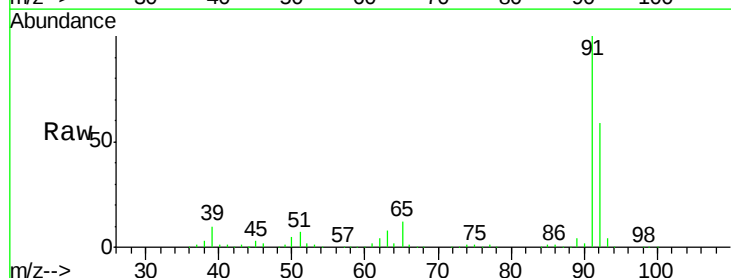
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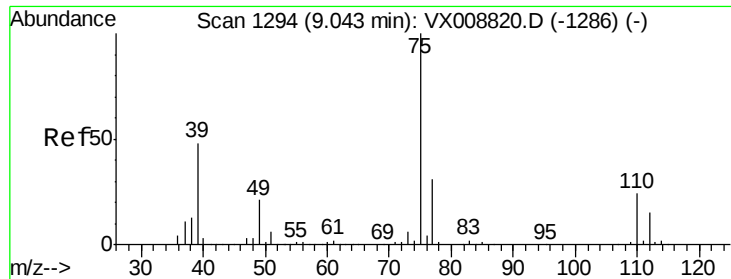
MMDadoda
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#52
Toluene
Concen: 45.271 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Tgt Ion: 92 Resp: 252769
Ion Ratio Lower Upper
92 100
91 173.0 138.5 207.7





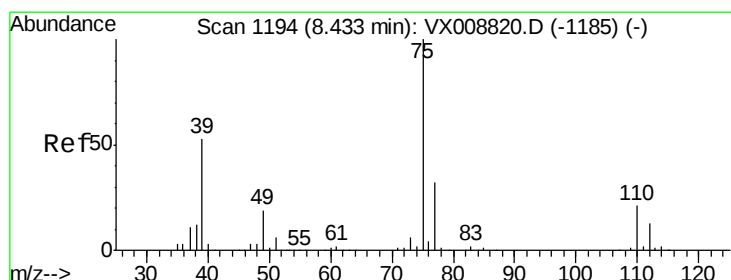
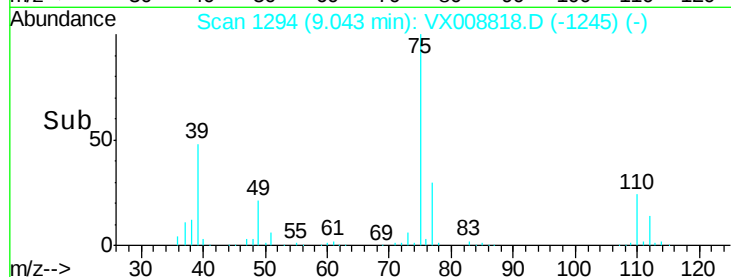
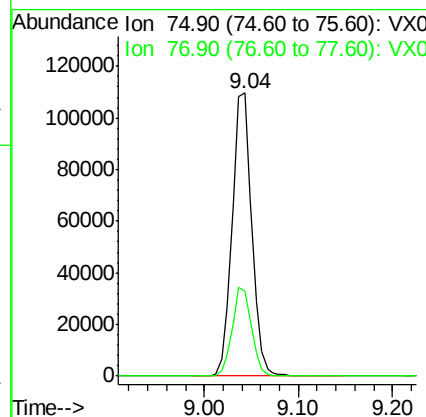
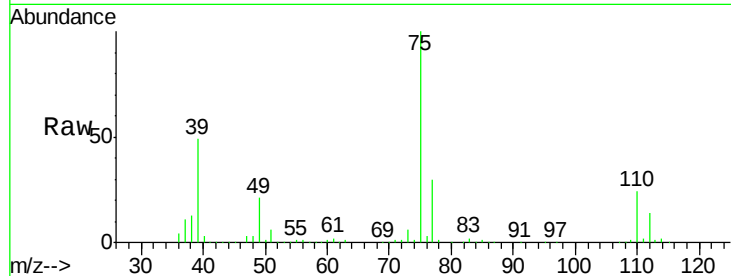
#53
 t-1,3-Dichloropropene
 Concen: 47.920 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX008818.D
 Acq: 10 Apr 2019 20:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 158680
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.2 37.8

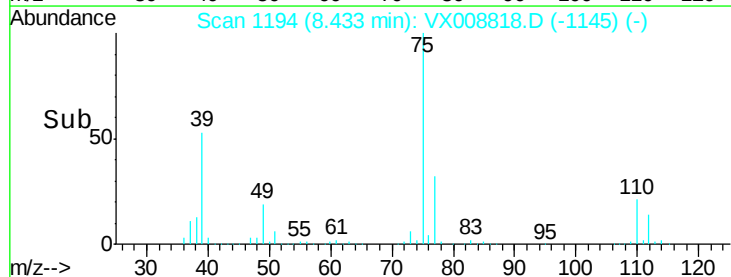
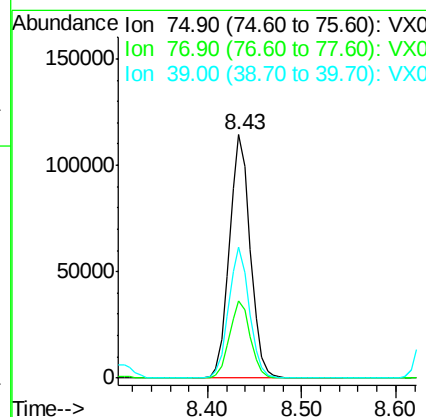
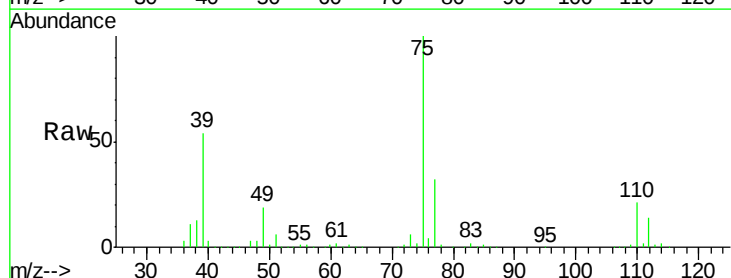
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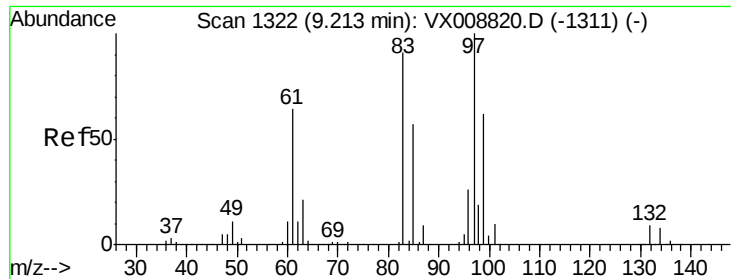
MMDadoda
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#54
 cis-1,3-Dichloropropene
 Concen: 46.399 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008818.D
 Acq: 10 Apr 2019 20:12

Tgt Ion: 75 Resp: 175559
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.3 37.9
 39 53.5 42.6 63.8





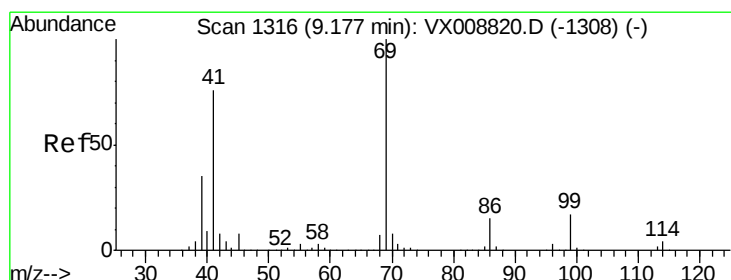
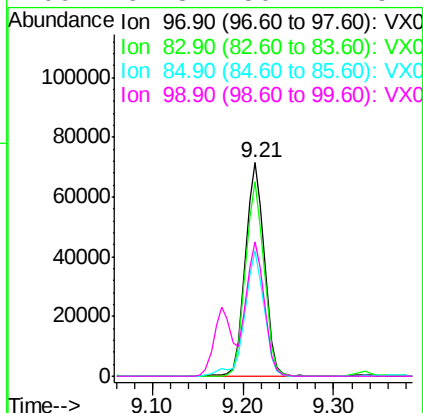
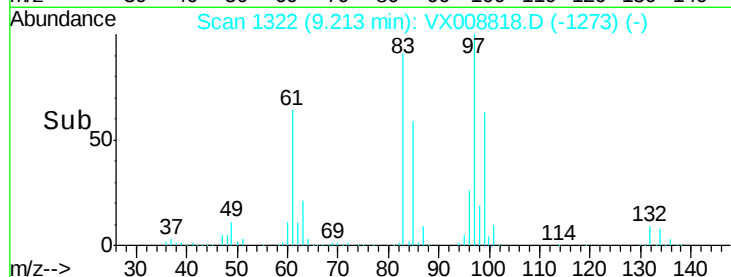
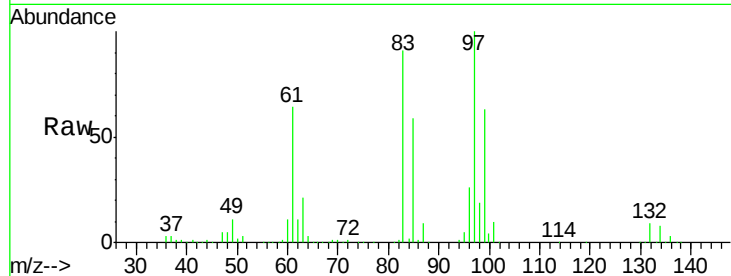
#55
 1,1,2-Trichloroethane
 Concen: 46.383 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008818.D
 Acq: 10 Apr 2019 20:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		103956		
83	90.9	73.2	109.8		
85	59.0	46.6	69.8		
99	62.8	50.1	75.1		

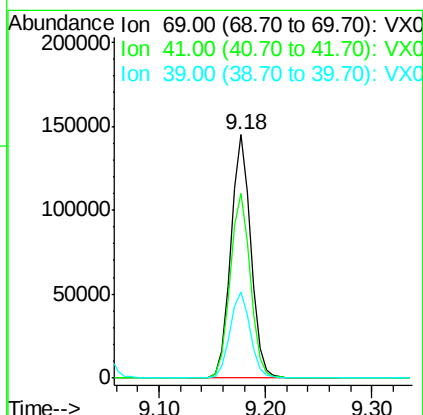
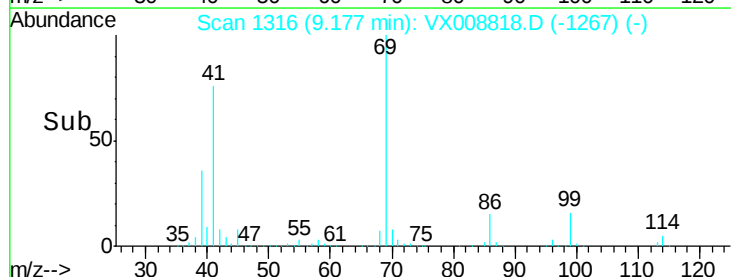
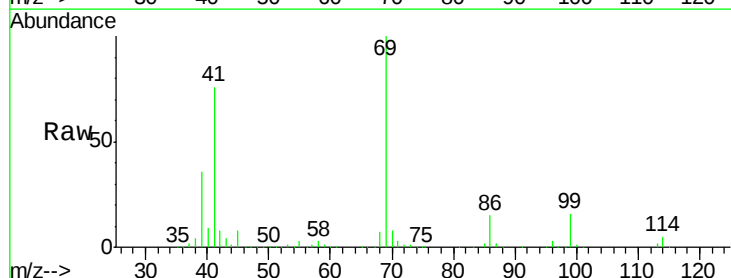
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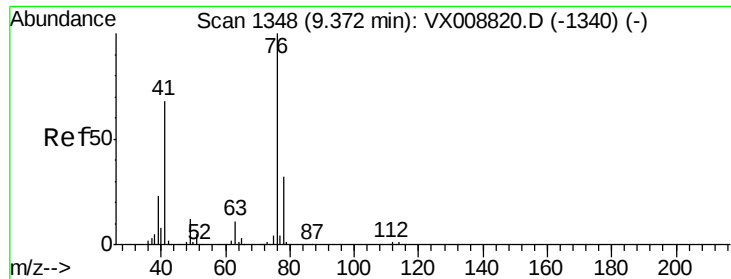
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#56
 Ethyl methacrylate
 Concen: 47.322 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008818.D
 Acq: 10 Apr 2019 20:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		191897		
41	76.4	60.1	90.1		
39	35.9	28.9	43.3		





#57

1,3-Dichloropropane

Concen: 46.446 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 186922

Ion Ratio Lower Upper

76 100

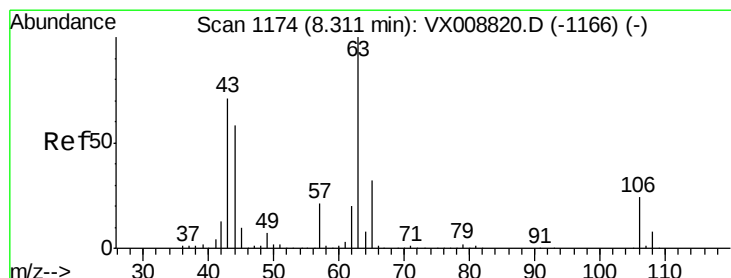
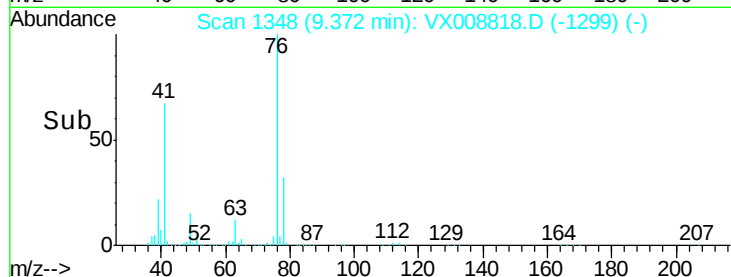
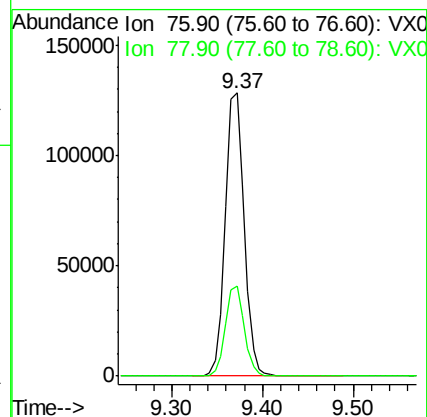
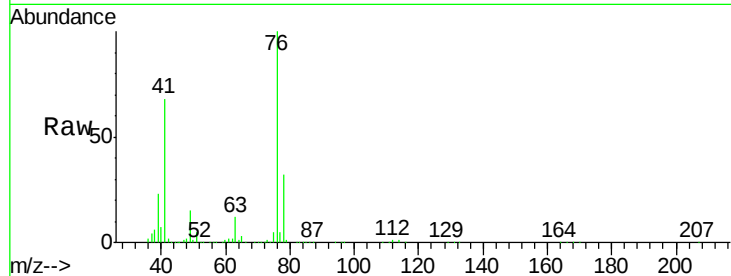
78 31.9 25.6 38.4

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 238.341 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008818.D

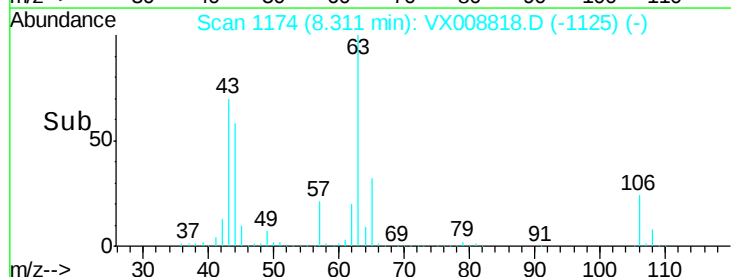
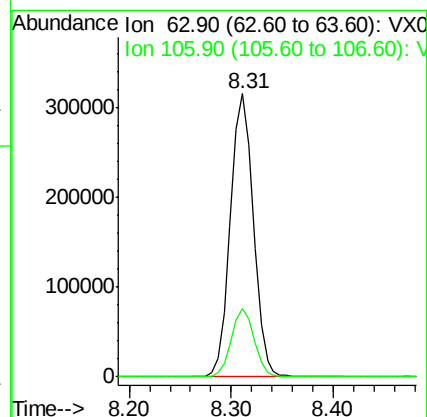
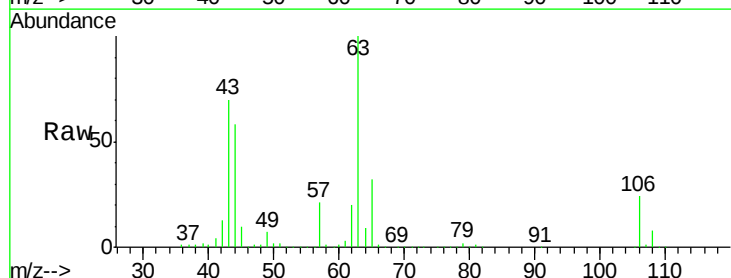
Acq: 10 Apr 2019 20:12

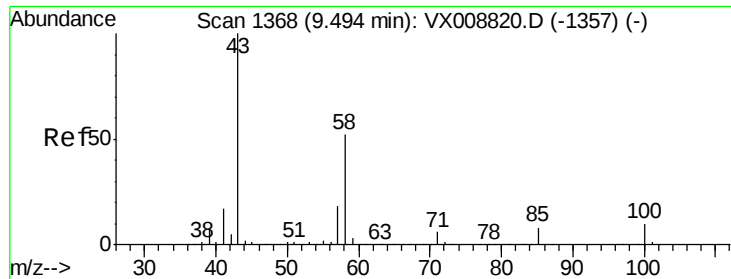
Tgt Ion: 63 Resp: 493520

Ion Ratio Lower Upper

63 100

106 24.0 19.0 28.6





#59

2-Hexanone

Concen: 225.303 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 749239

Ion Ratio Lower Upper

43 100

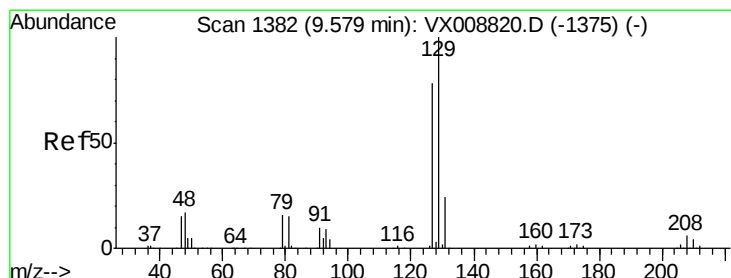
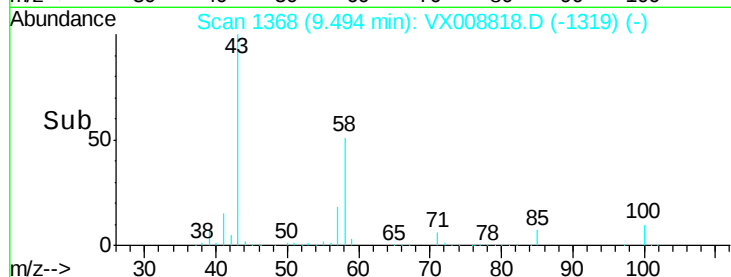
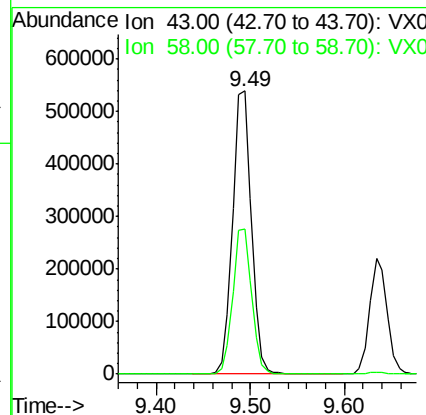
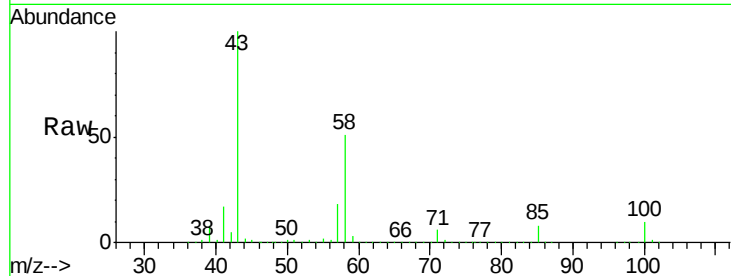
58 51.5 25.9 77.7

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#60

Dibromochloromethane

Concen: 48.380 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX008818.D

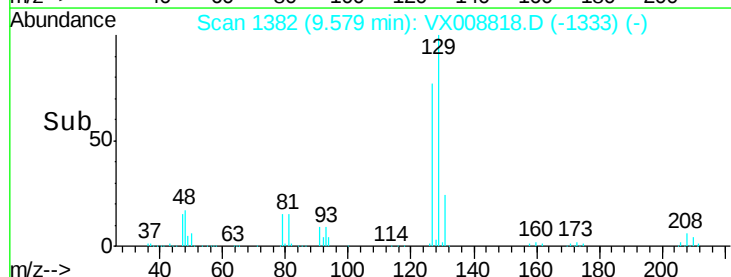
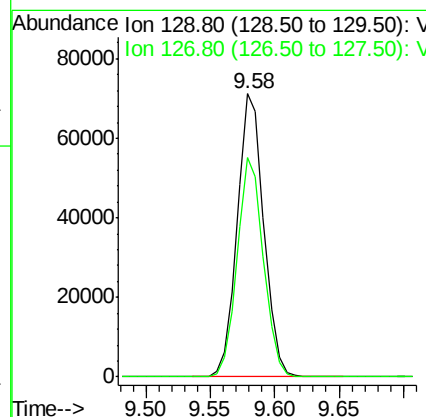
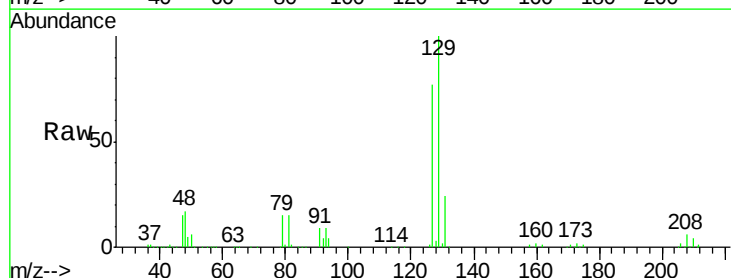
Acq: 10 Apr 2019 20:12

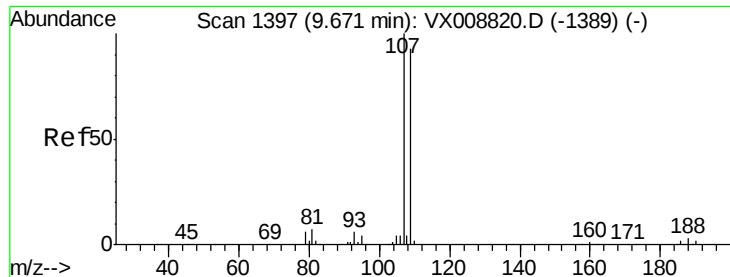
Tgt Ion: 129 Resp: 102178

Ion Ratio Lower Upper

129 100

127 76.5 38.5 115.3





#61

1,2-Dibromoethane

Concen: 45.438 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 106017

Ion Ratio Lower Upper

107 100

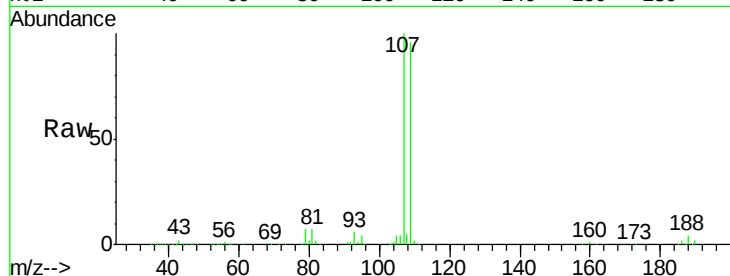
109 93.9 74.1 111.1

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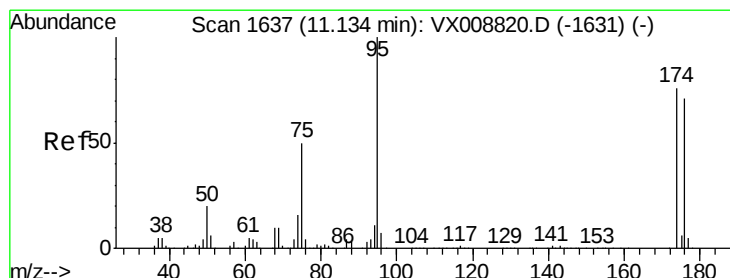
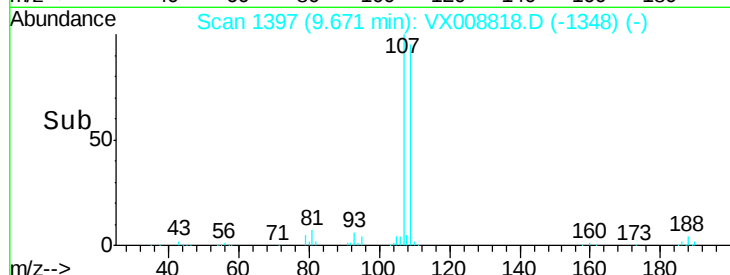
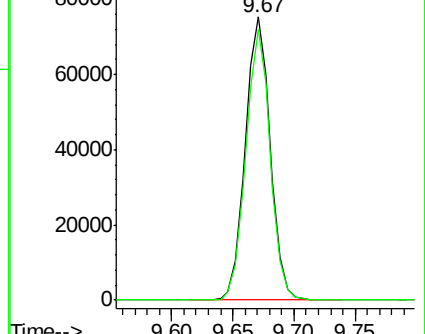
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.350 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

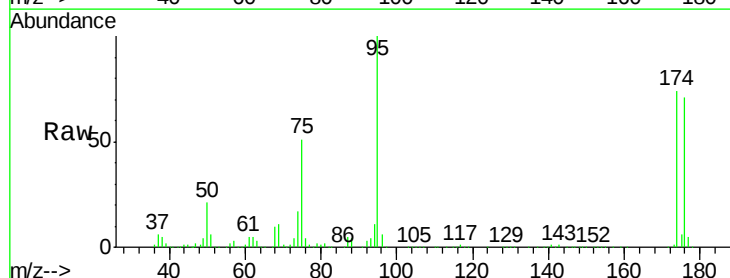
Tgt Ion: 95 Resp: 124317

Ion Ratio Lower Upper

95 100

174 79.5 0.0 151.8

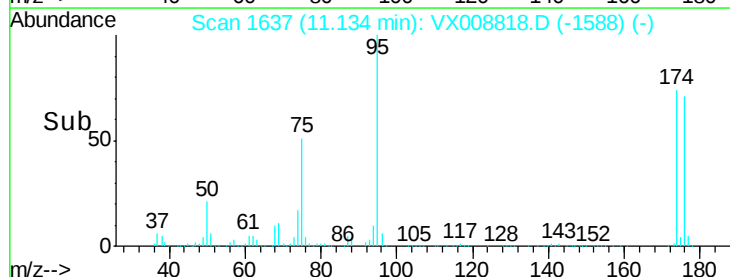
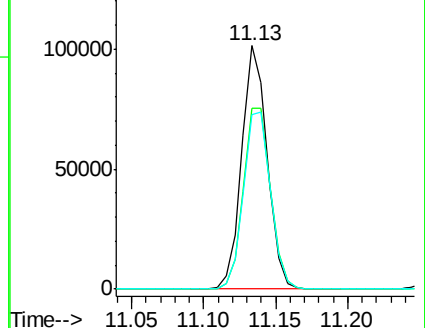
176 77.1 0.0 145.8

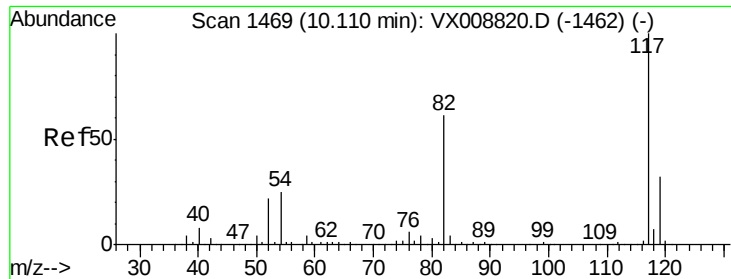


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





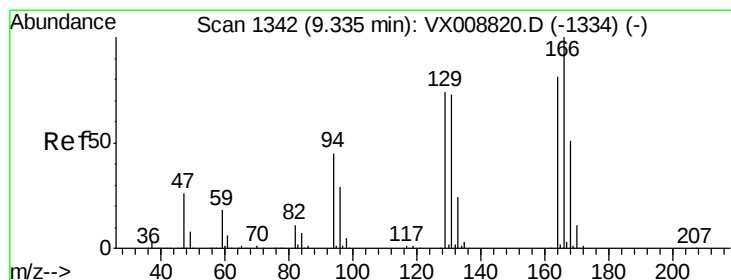
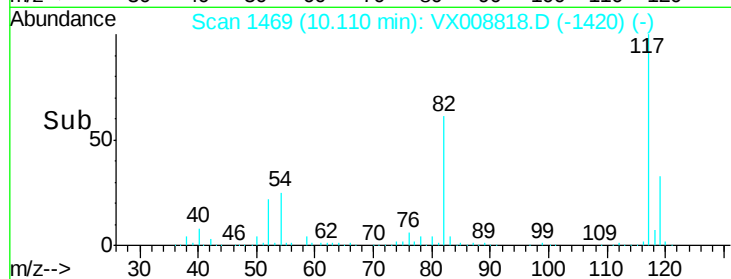
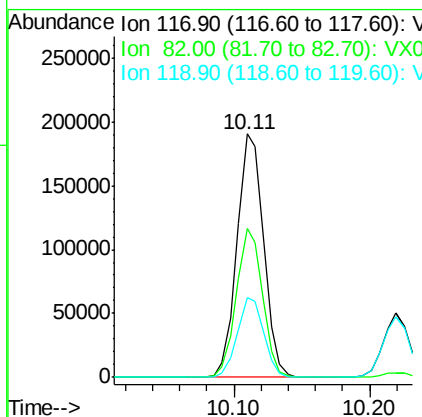
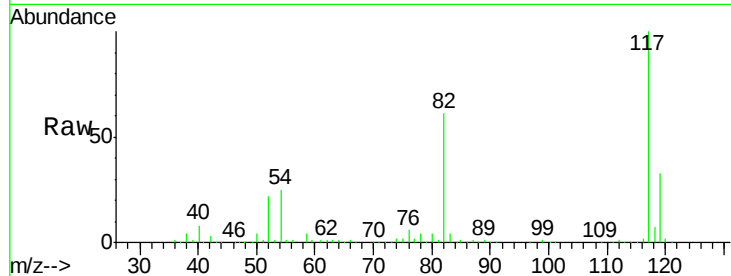
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.2	49.6	74.4
119	32.8	25.0	37.4

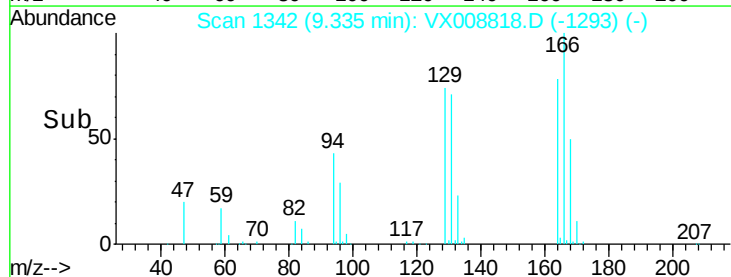
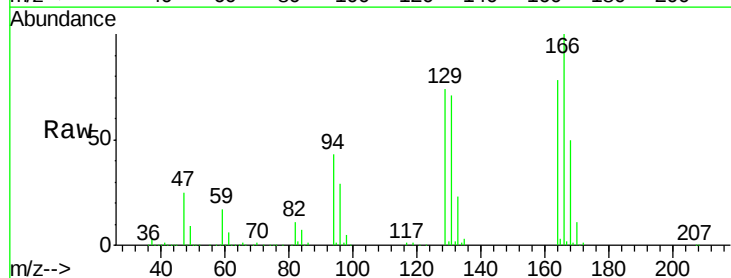
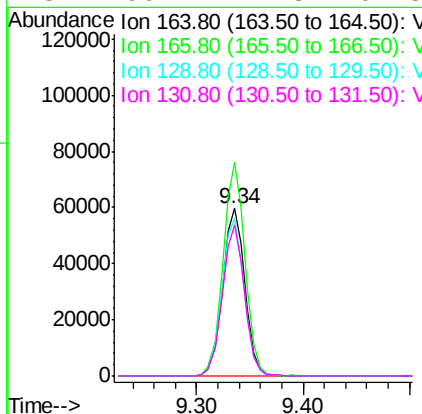
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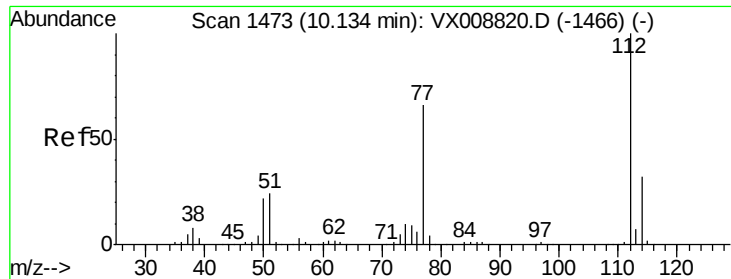
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#64
Tetrachloroethene
Concen: 44.923 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.5	101.0	151.6
129	94.1	75.8	113.8
131	90.2	71.8	107.8





#65

Chlorobenzene

Concen: 44.895 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 258617

Ion Ratio Lower Upper

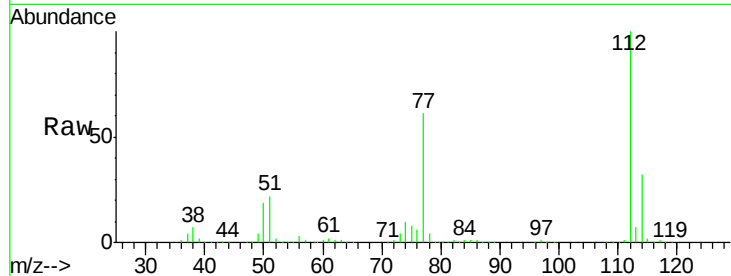
112 100

114 32.2 25.8 38.8

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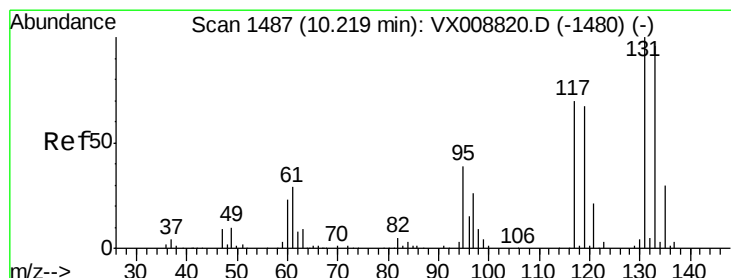
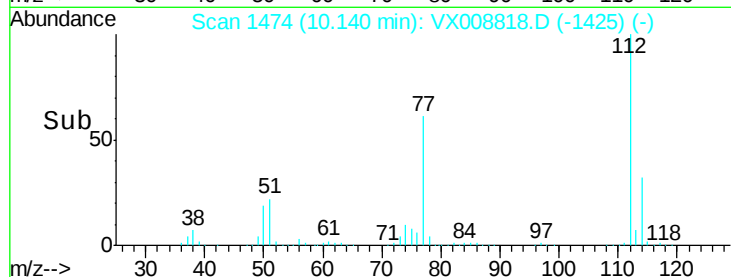
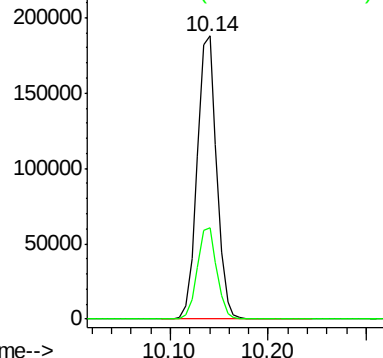
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 46.393 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

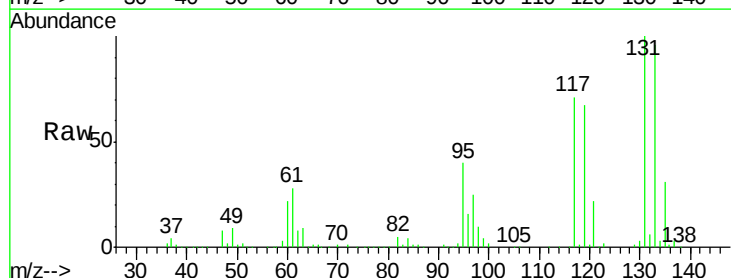
Tgt Ion:131 Resp: 93755

Ion Ratio Lower Upper

131 100

133 95.8 47.0 141.2

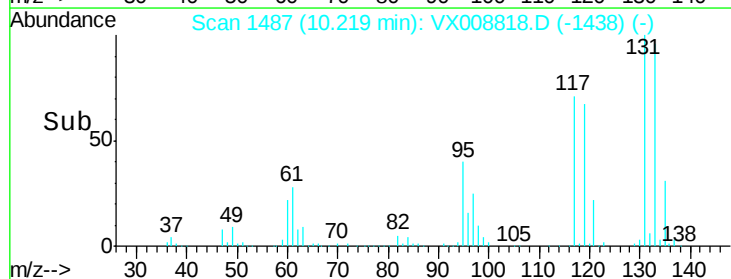
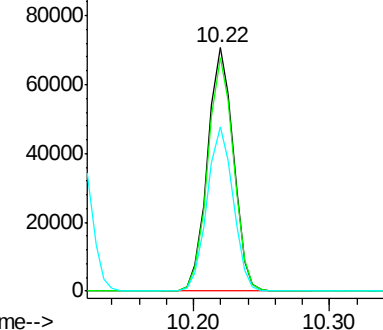
119 67.9 33.7 101.0

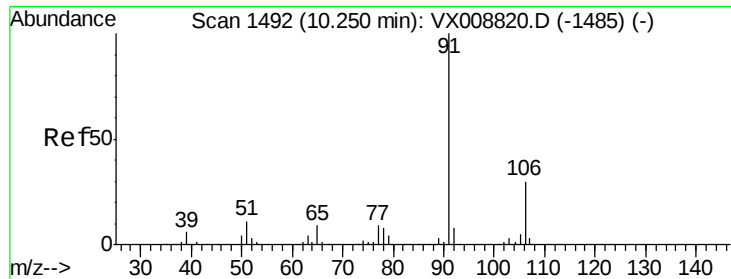


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





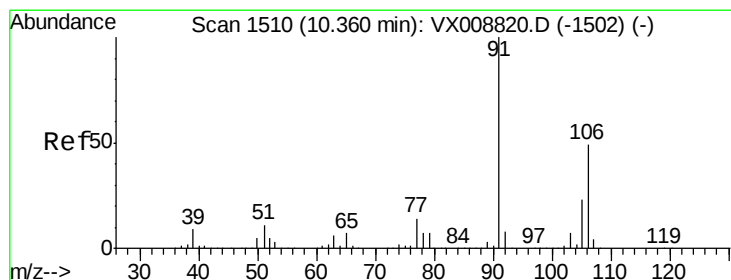
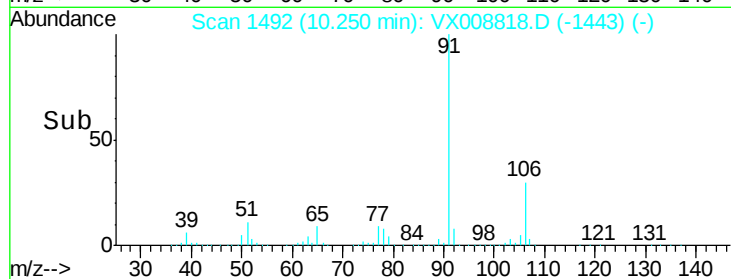
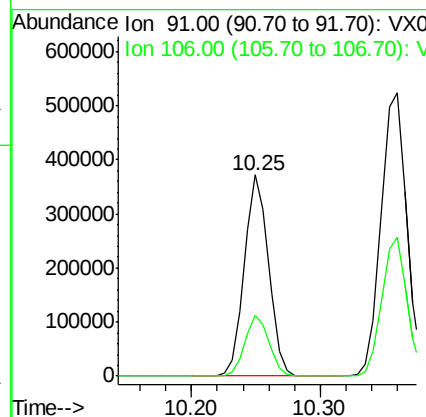
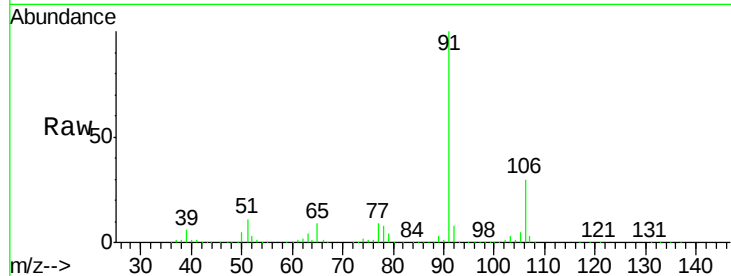
#67
Ethyl Benzene
Concen: 44.777 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 480967
Ion Ratio Lower Upper
91 100
106 30.1 23.7 35.5

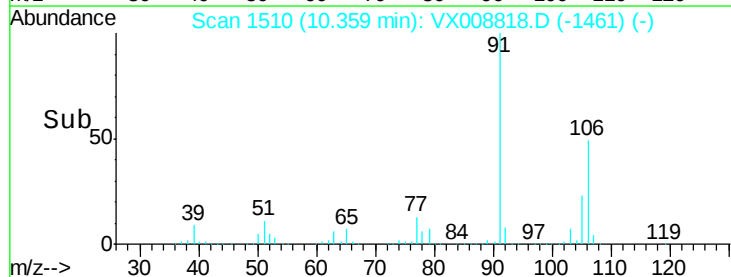
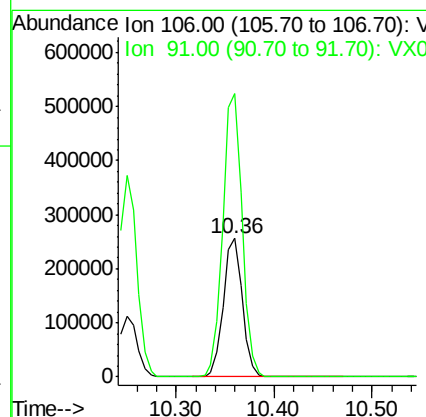
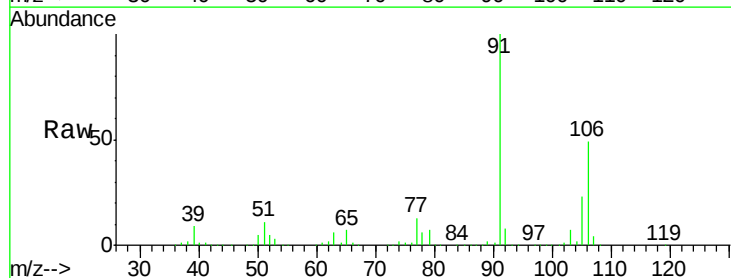
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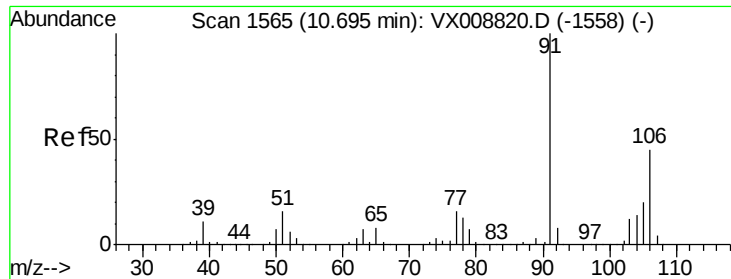
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#68
m/p-Xylenes
Concen: 89.281 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Tgt Ion: 106 Resp: 344816
Ion Ratio Lower Upper
106 100
91 208.6 168.5 252.7





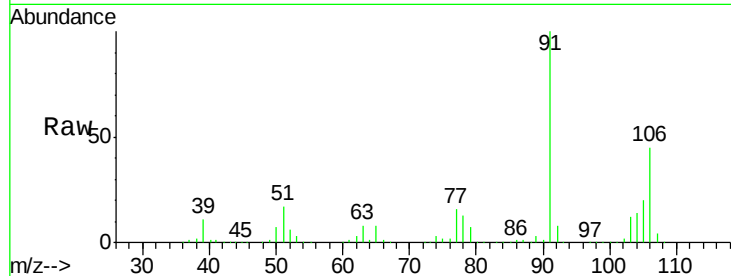
#69
o-Xylene
Concen: 45.165 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

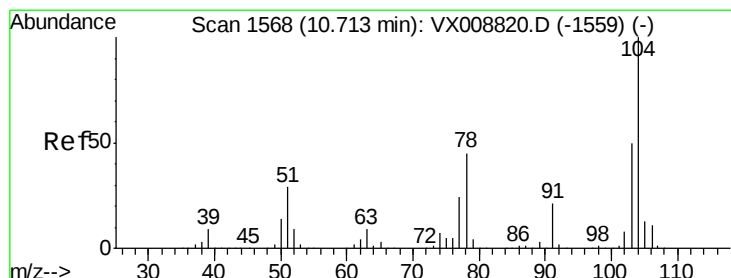
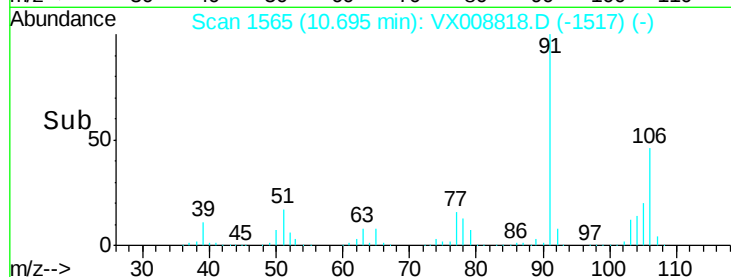
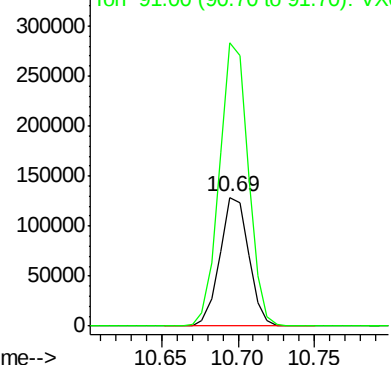
Tot Ion:106 Resp: 169047
Ion Ratio Lower Upper
106 100
91 220.5 111.5 334.4

Manual Integrations
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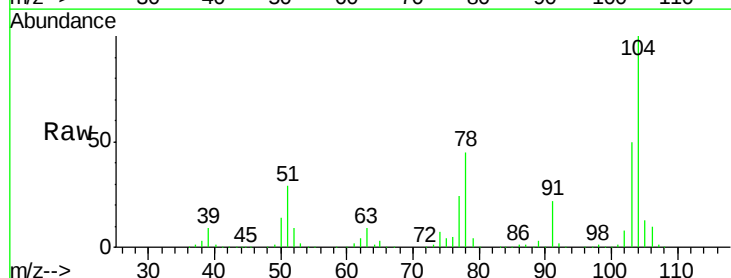


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

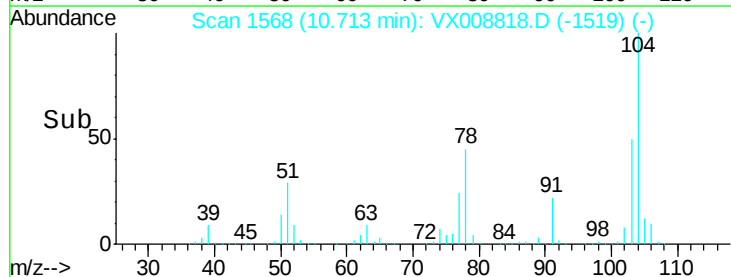
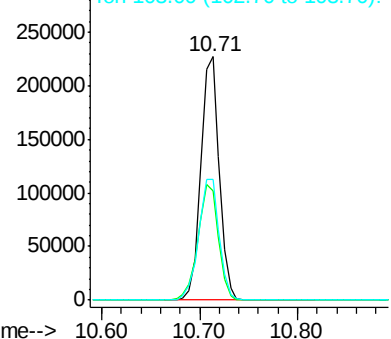


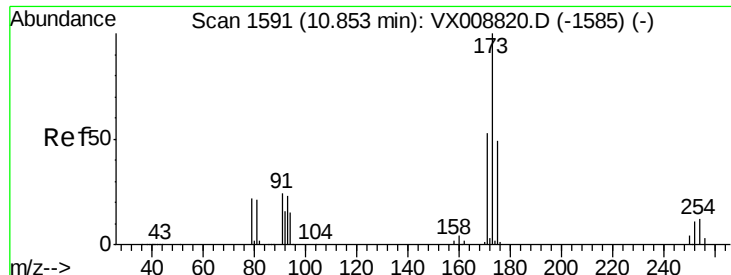
#70
Styrene
Concen: 45.891 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Tgt Ion:104 Resp: 296078
Ion Ratio Lower Upper
104 100
78 52.7 42.3 63.5
103 55.6 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 47.617 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 73494

Ion Ratio Lower Upper

173 100

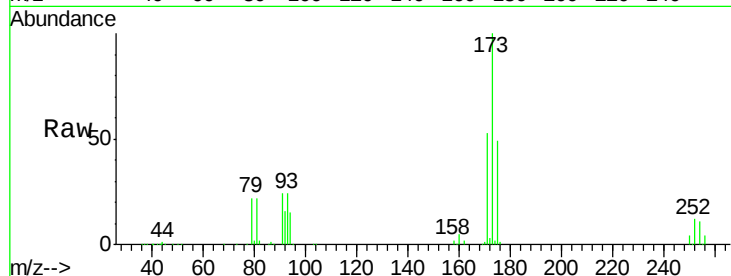
175 49.1 24.9 74.6

254 0.2 0.1 0.1#

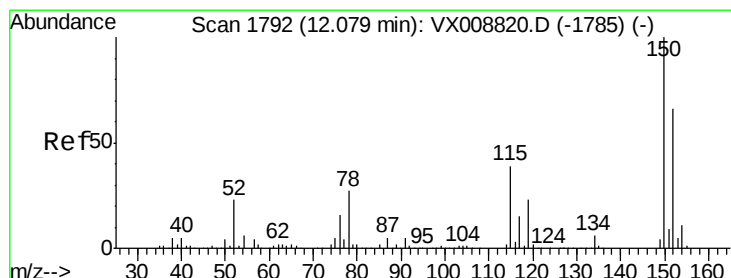
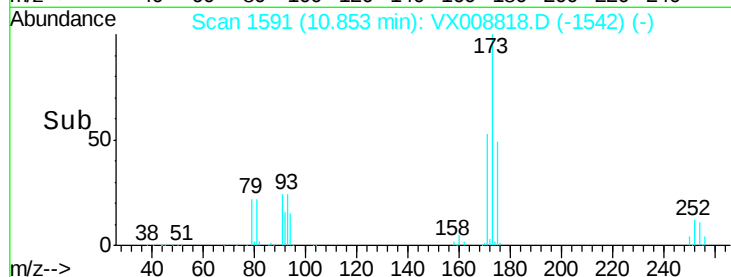
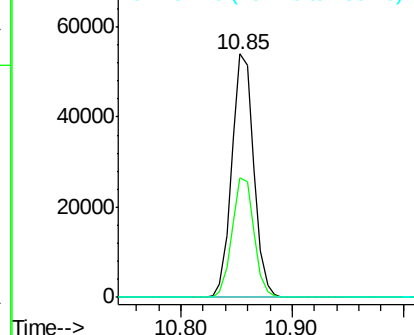
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

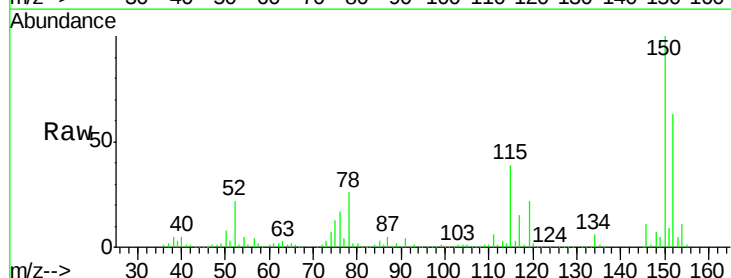
Tgt Ion:152 Resp: 118305

Ion Ratio Lower Upper

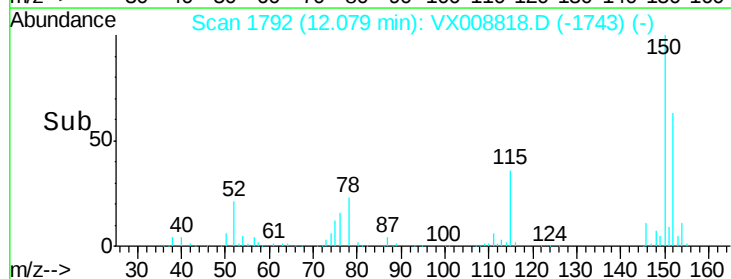
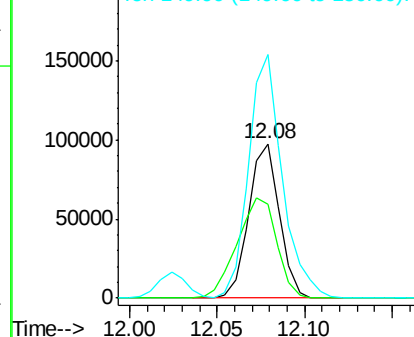
152 100

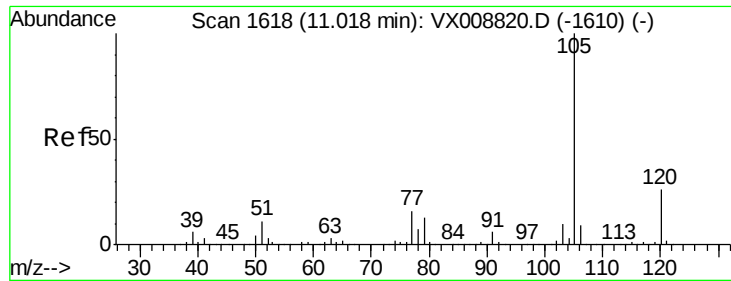
115 84.0 43.5 130.5

150 174.0 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: 46.332 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 454249

Ion Ratio Lower Upper

105 100

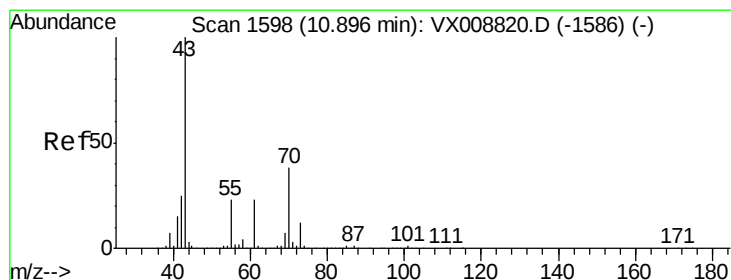
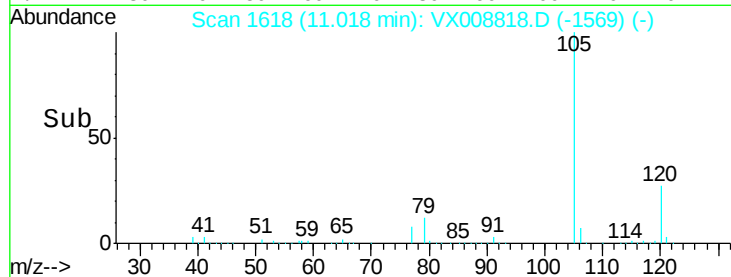
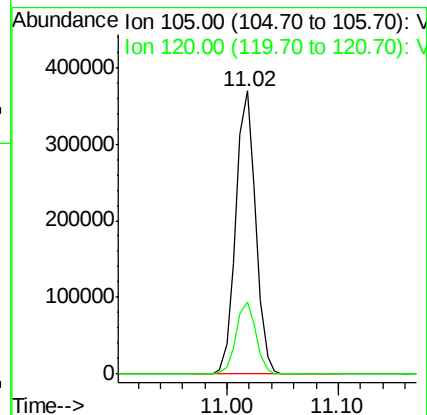
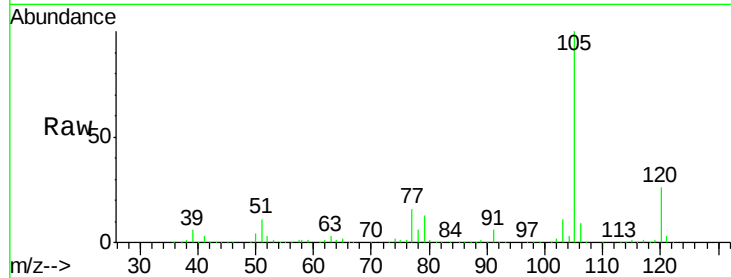
120 25.5 12.9 38.6

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#74

N-ethyl acetate

Concen: 45.668 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

Tgt Ion: 43 Resp: 263423

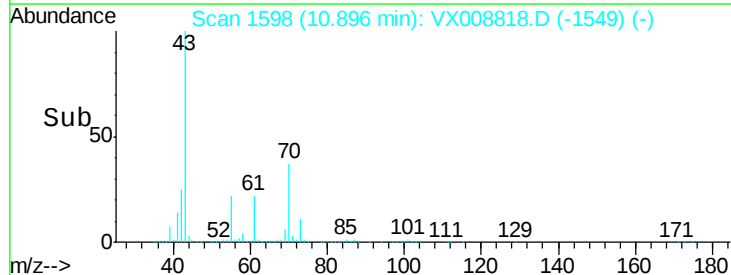
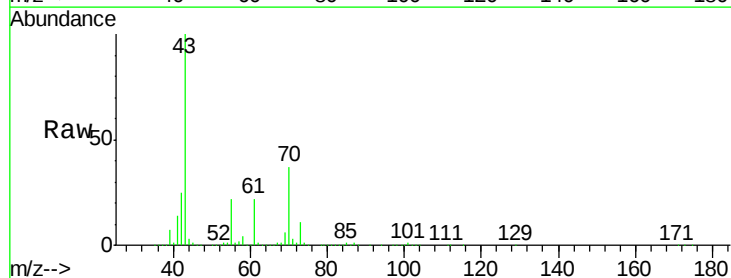
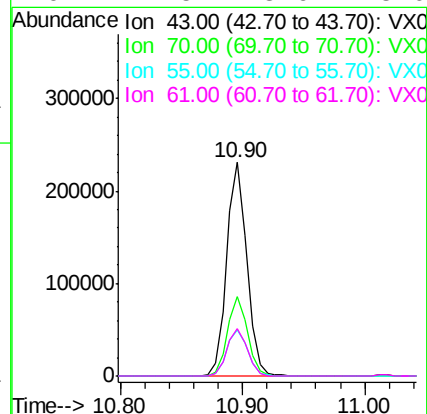
Ion Ratio Lower Upper

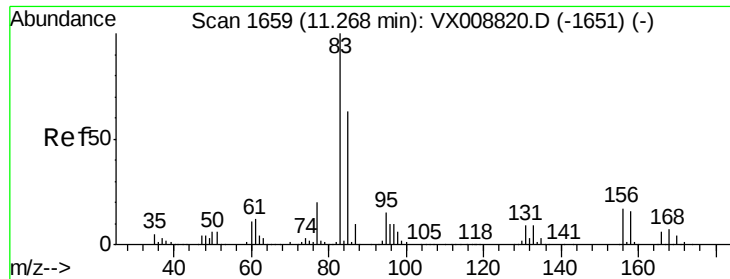
43 100

70 37.1 30.2 45.4

55 22.5 18.2 27.4

61 22.5 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 43.814 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 163370

Ion Ratio Lower Upper

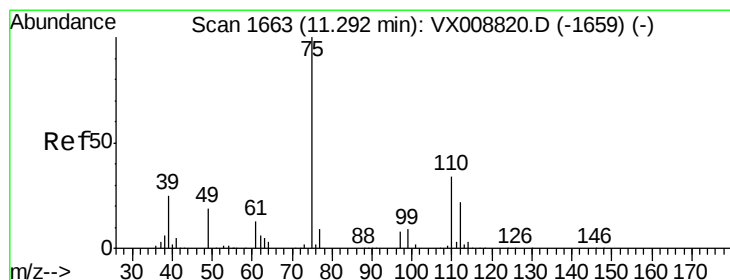
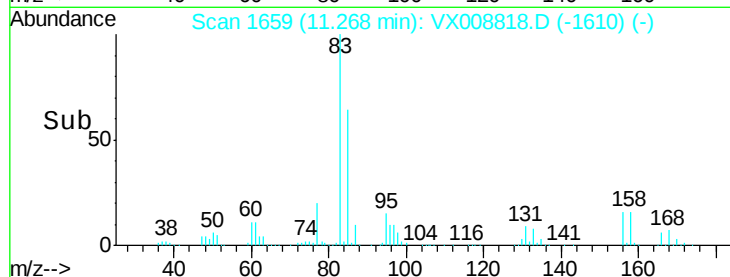
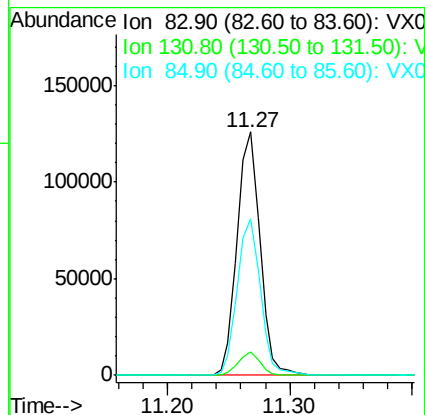
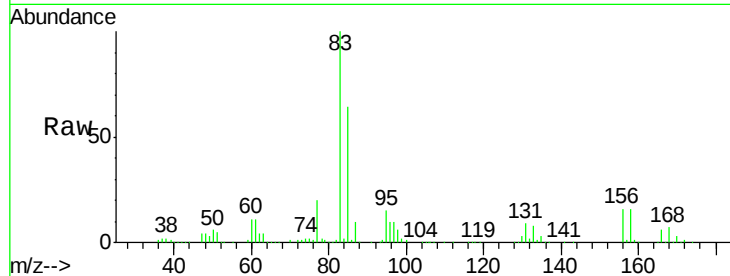
83 100

131 9.2 4.5 13.7

85 64.9 32.0 96.2

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#76

1,2,3-Trichloropropane

Concen: 43.776 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX008818.D

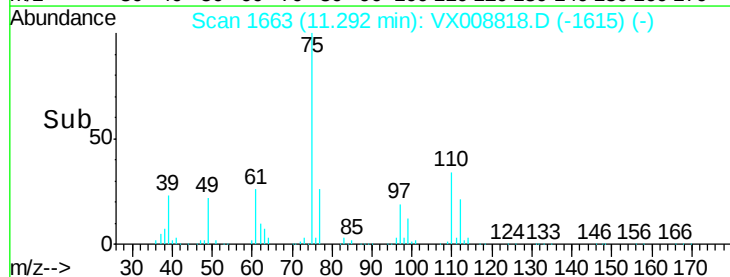
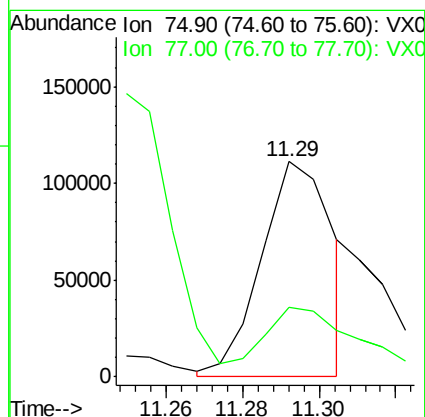
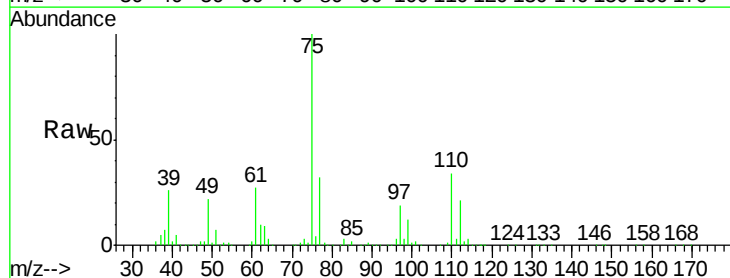
Acq: 10 Apr 2019 20:12

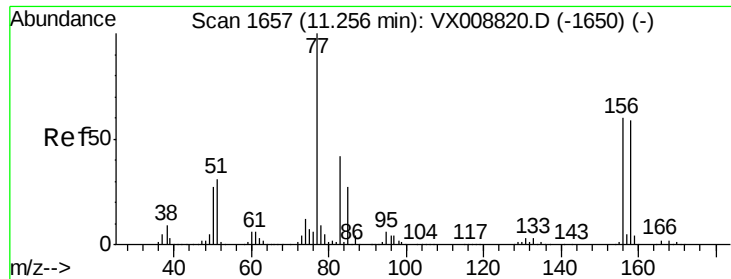
Tgt Ion: 75 Resp: 142271

Ion Ratio Lower Upper

75 100

77 44.2 22.3 66.8





#77

Bromobenzene

Concen: 45.931 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

Instrument :

MSVOA_X

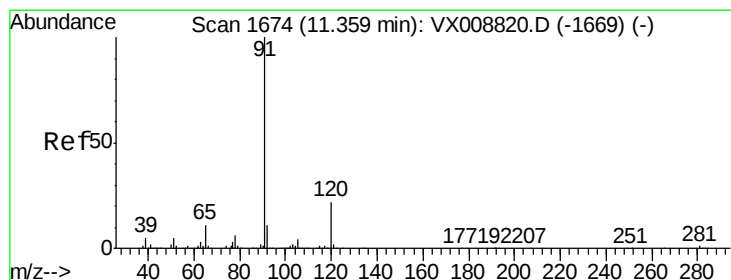
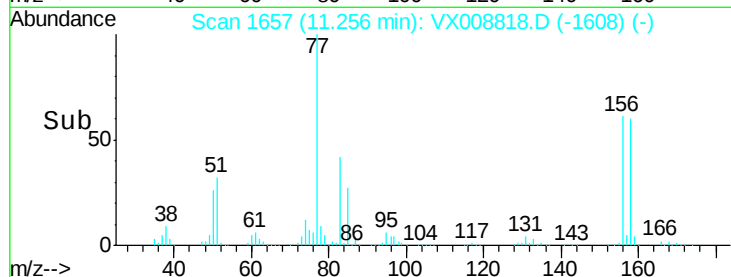
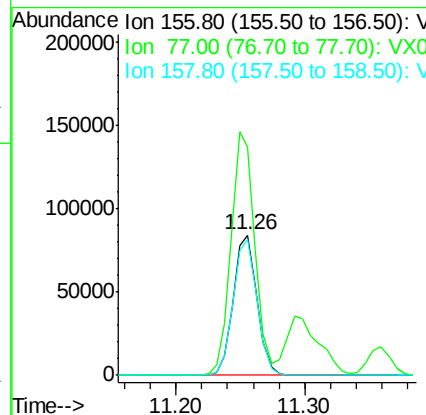
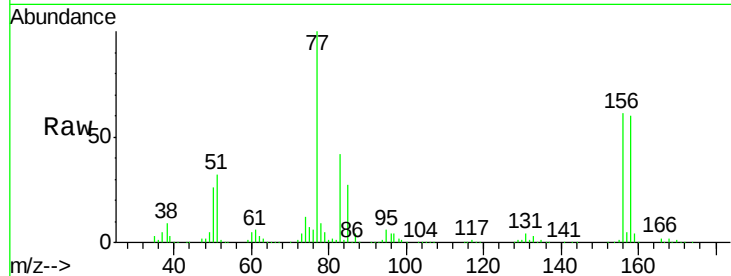
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100				
77	175.6	89.8	269.6		
158	98.4	48.6	145.9		

Manual Integrations
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#78

n-propylbenzene

Concen: 45.644 ug/l

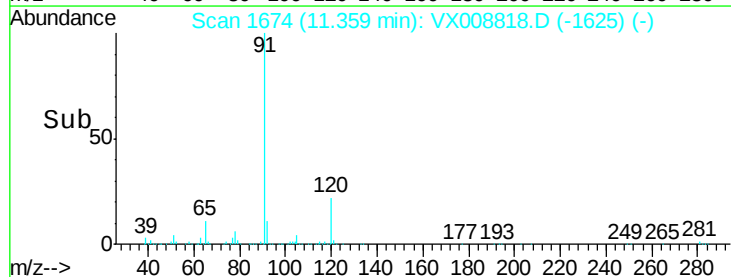
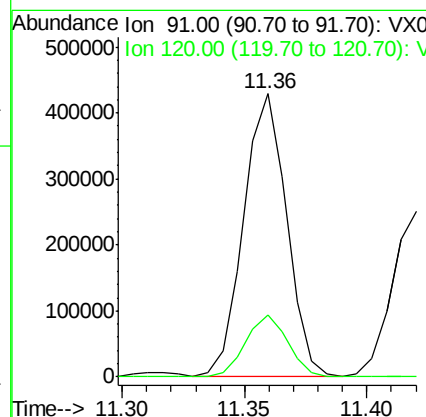
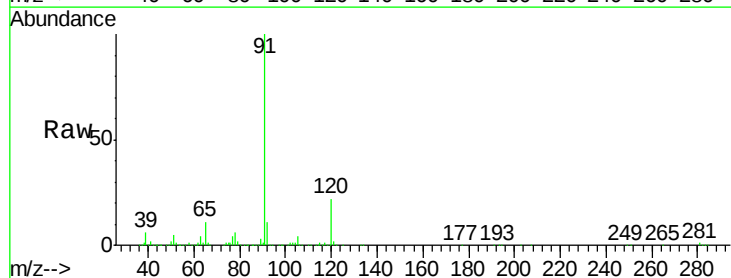
RT: 11.36 min Scan# 1674

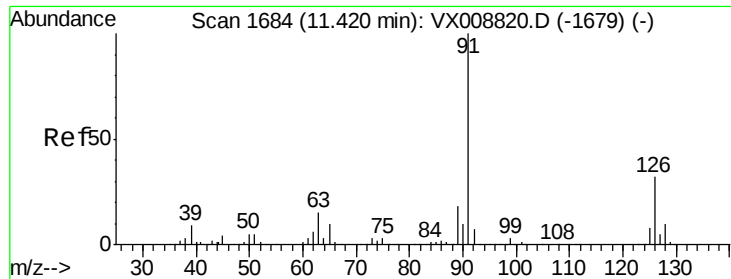
Delta R.T. -0.00 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
120	21.8	10.9	32.7		





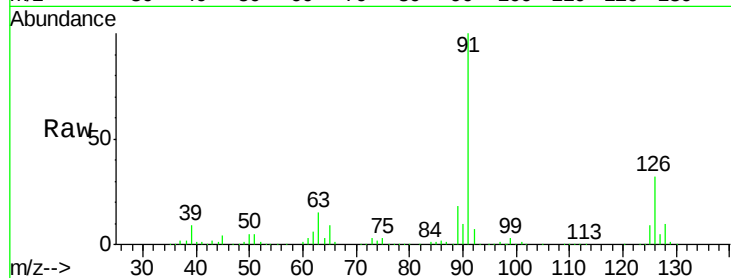
#79
 2-Chlorotoluene
 Concen: 44.810 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008818.D
 Acq: 10 Apr 2019 20:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

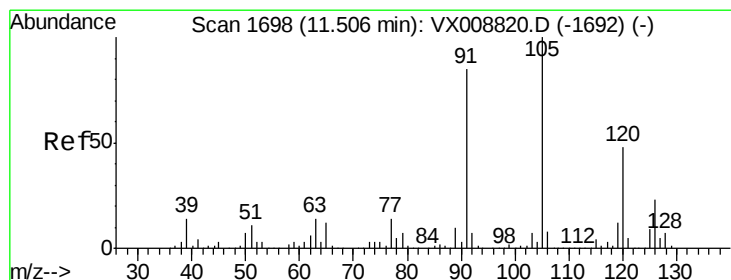
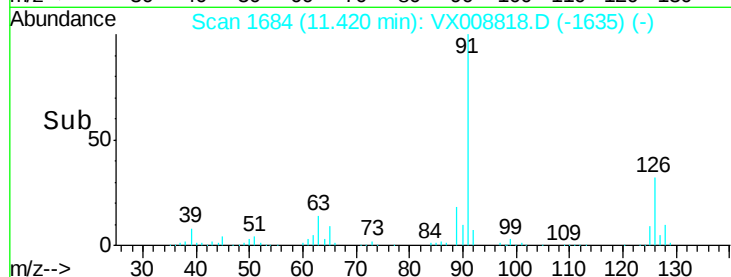
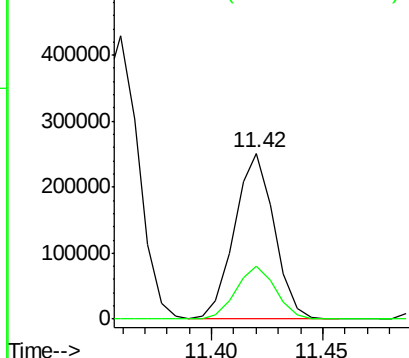
Tot Ion: 91 Resp: 309563
 Ion Ratio Lower Upper
 91 100
 126 32.2 16.1 48.3

Manual Integrations
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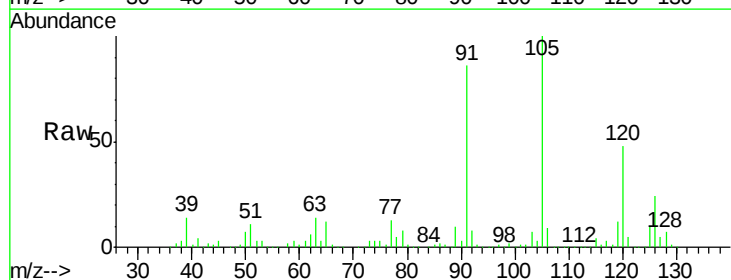


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

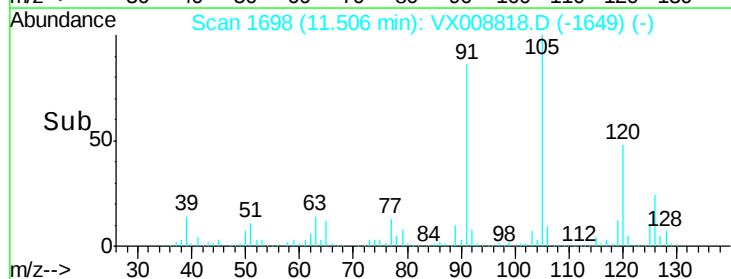
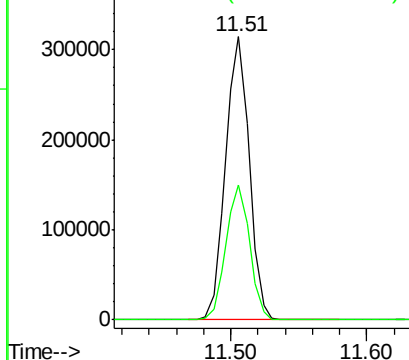


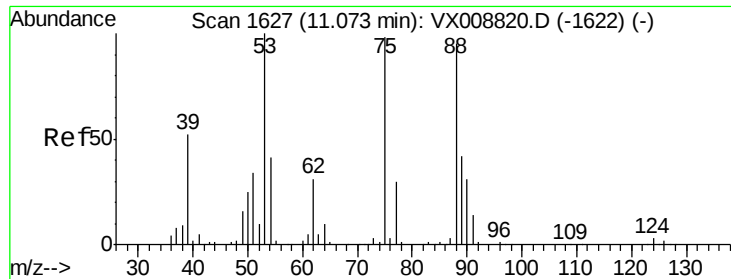
#80
 1,3,5-Trimethylbenzene
 Concen: 46.111 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008818.D
 Acq: 10 Apr 2019 20:12

Tgt Ion:105 Resp: 379489
 Ion Ratio Lower Upper
 105 100
 120 48.0 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





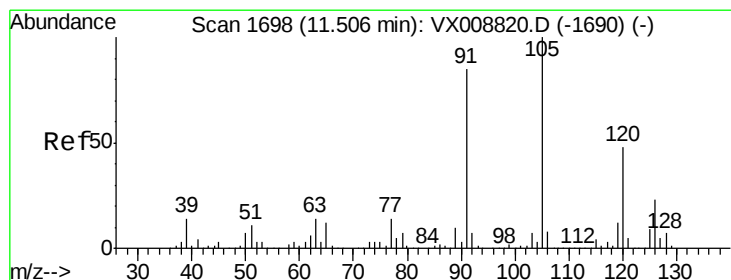
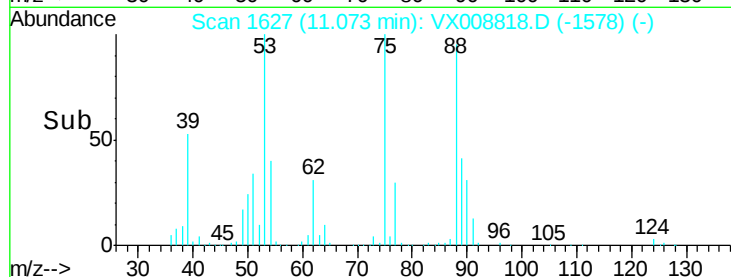
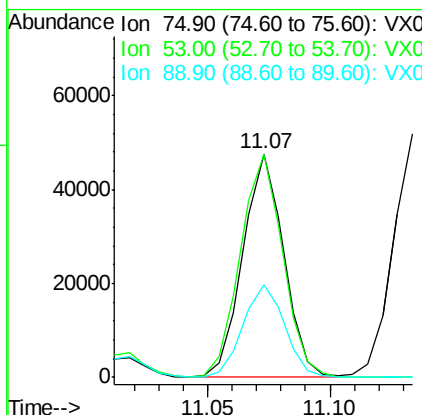
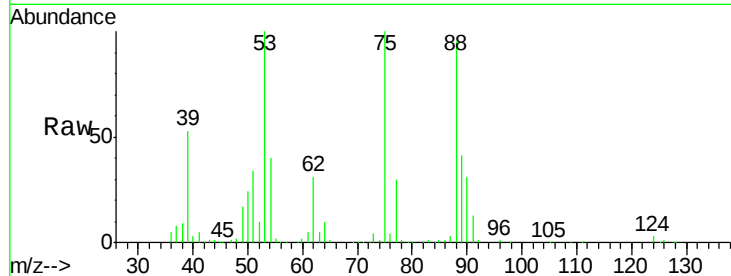
#81
trans-1,4-Dichloro-2-butene
Concen: 46.862 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.8	81.3	121.9
89	42.7	35.6	53.4

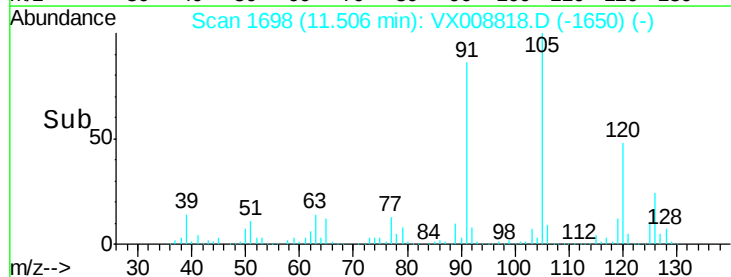
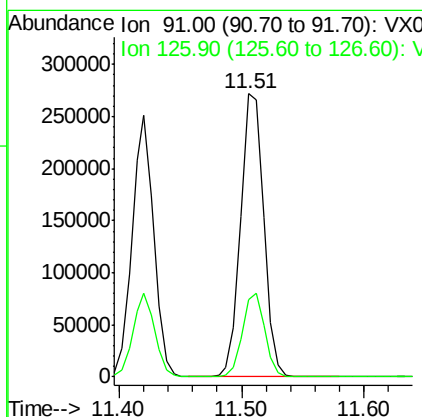
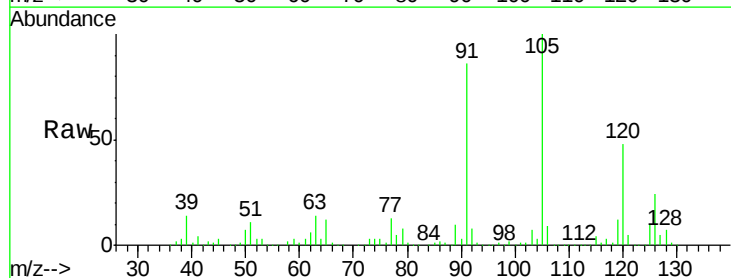
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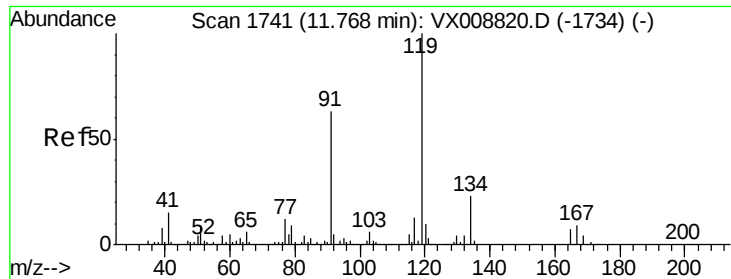
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#82
4-Chlorotoluene
Concen: 44.333 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.5	13.9	41.6





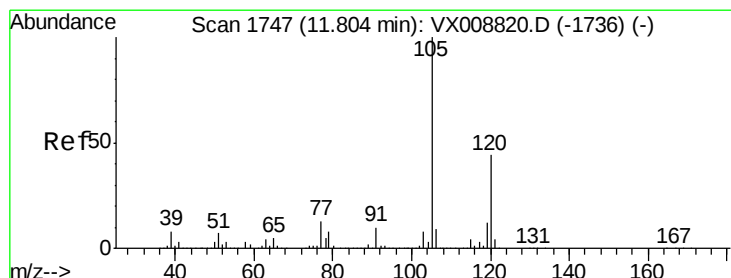
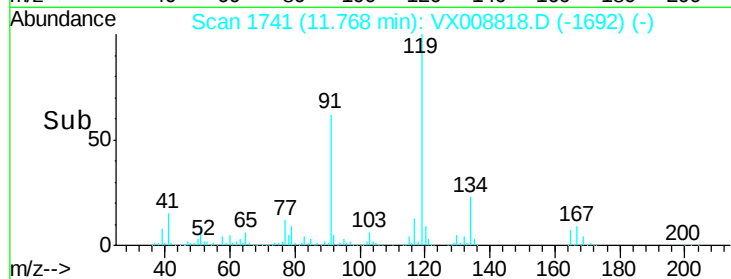
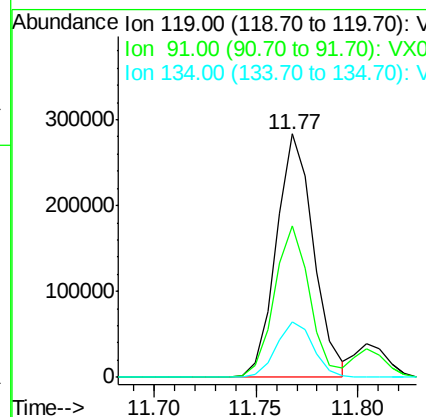
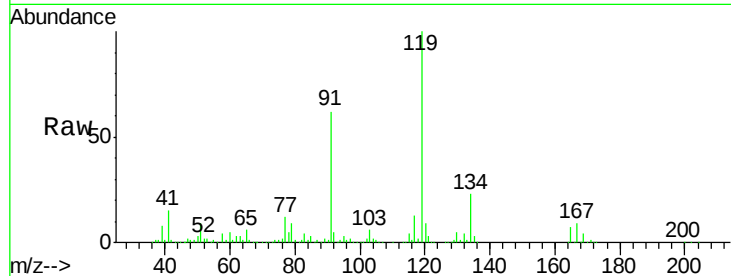
#83
tert-Butylbenzene
Concen: 45.665 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	361568		
91	59.3	30.0	90.1	
134	22.4	11.1	33.3	

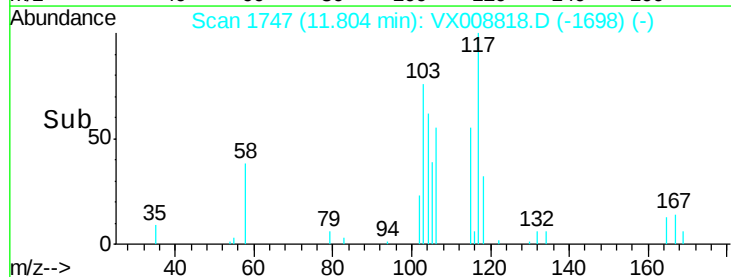
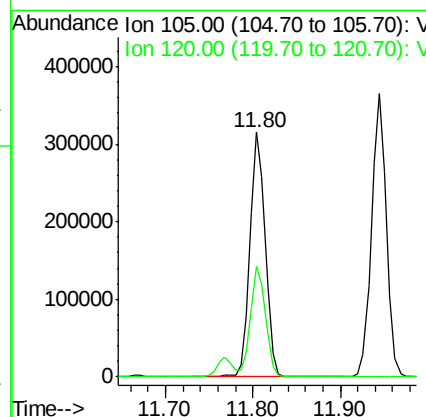
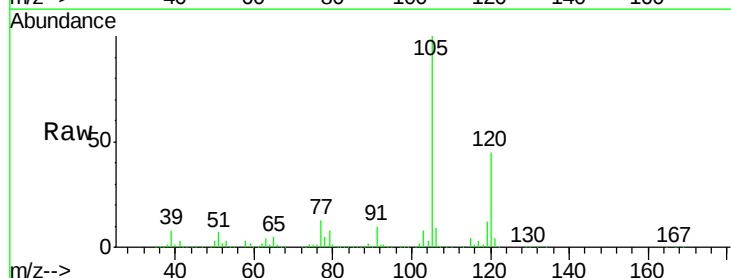
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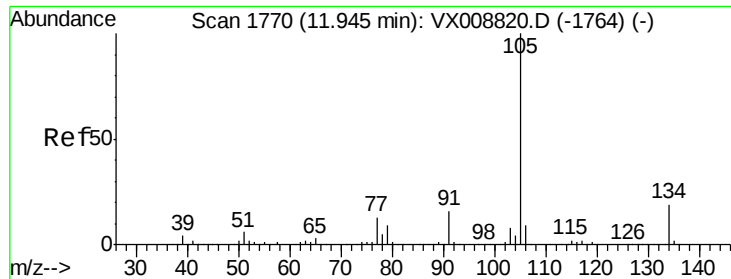
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 45.675 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	380619		
120	43.9	21.8	65.3	





#85

sec-Butylbenzene

Concen: 46.224 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 434732

Ion Ratio Lower Upper

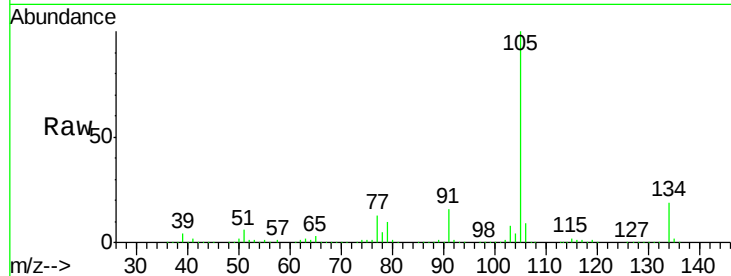
105 100

134 19.2 9.4 28.2

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

400000

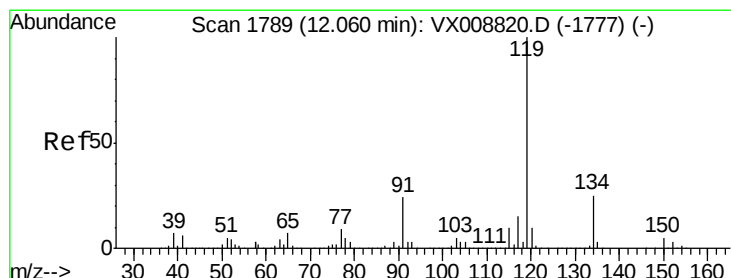
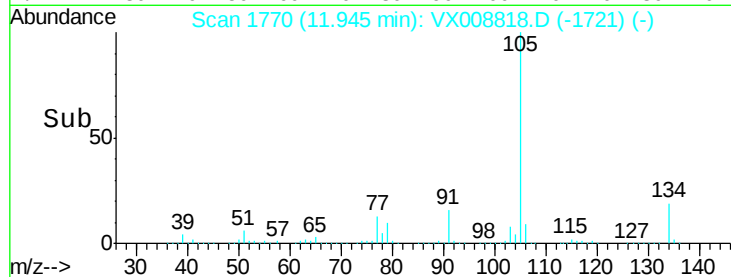
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 46.637 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

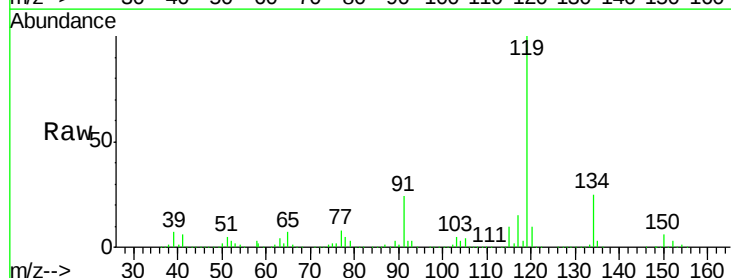
Tgt Ion:119 Resp: 393676

Ion Ratio Lower Upper

119 100

134 25.5 12.8 38.4

91 23.9 12.2 36.6



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): V

12.06

400000

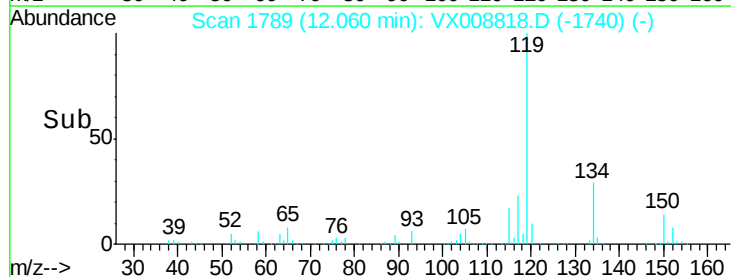
300000

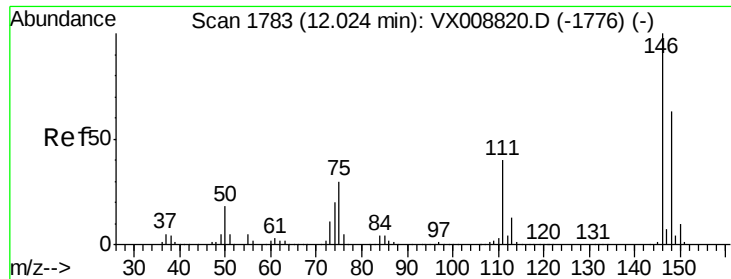
200000

100000

0

Time-->





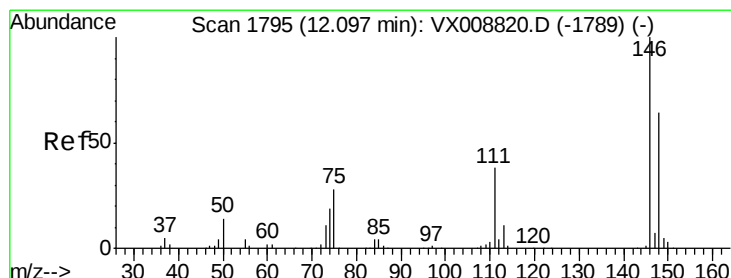
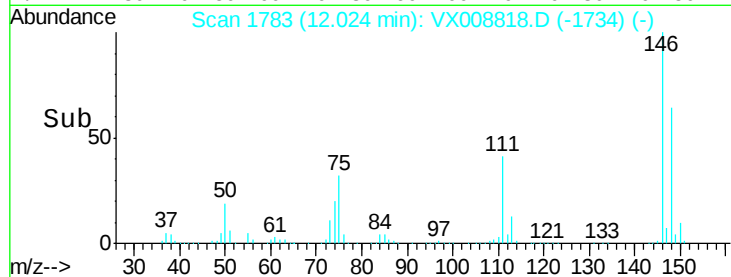
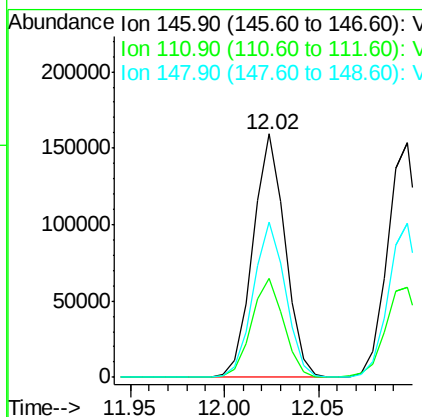
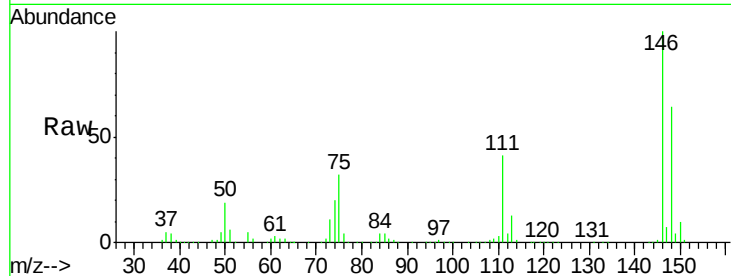
#87
 1,3-Dichlorobenzene
 Concen: 44.644 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008818.D
 Acq: 10 Apr 2019 20:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.5	61.5
148	64.1	31.6	94.7

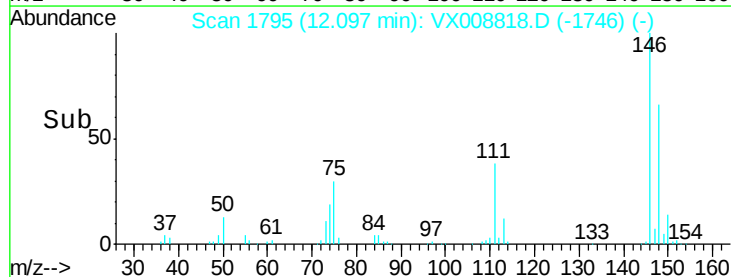
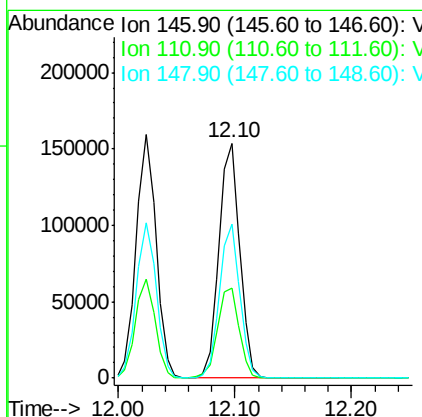
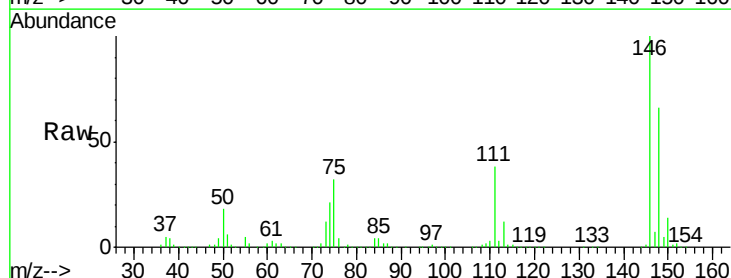
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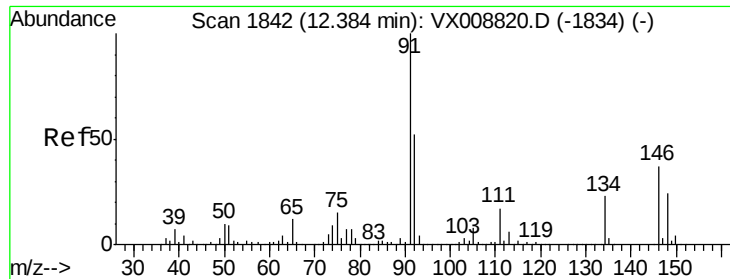
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#88
 1,4-Dichlorobenzene
 Concen: 44.136 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008818.D
 Acq: 10 Apr 2019 20:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.2	60.6
148	64.2	32.0	96.0





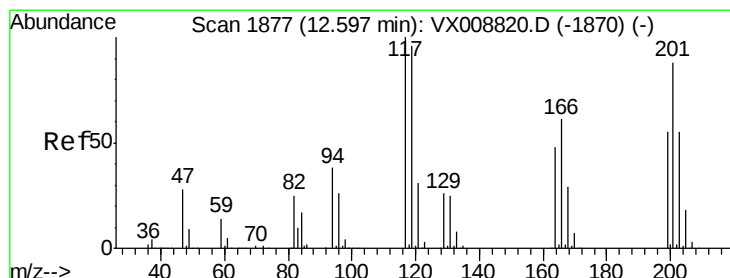
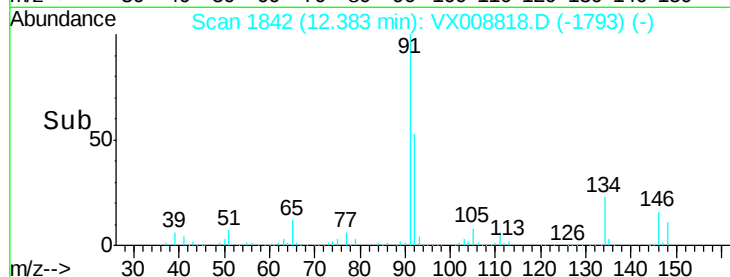
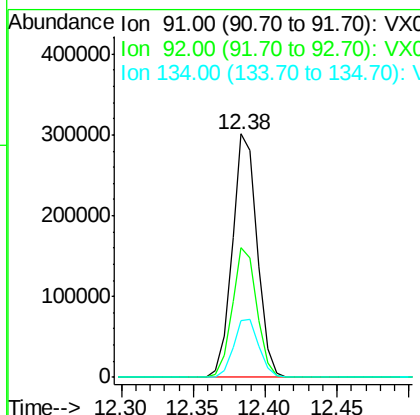
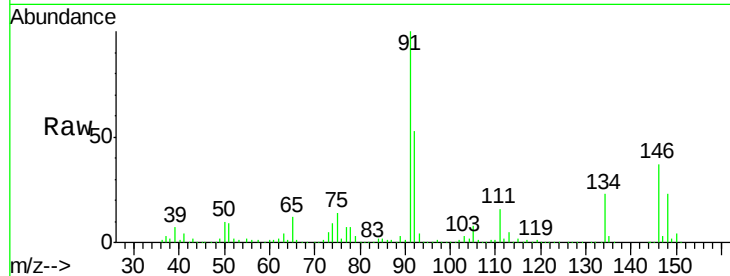
#89
n-Butylbenzene
Concen: 46.007 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		364205		
92	52.9	26.4	79.2		
134	24.4	12.0	36.0		

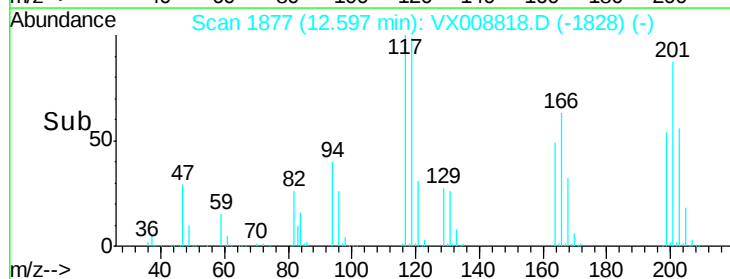
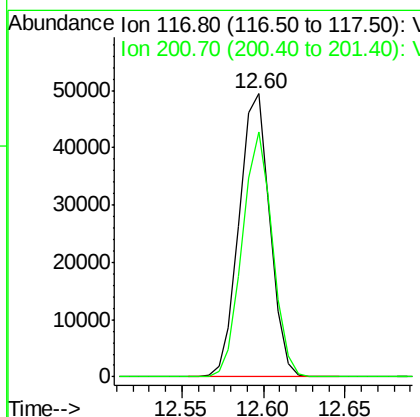
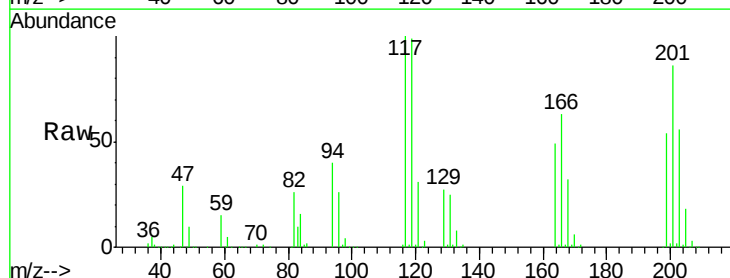
Manual Integrations
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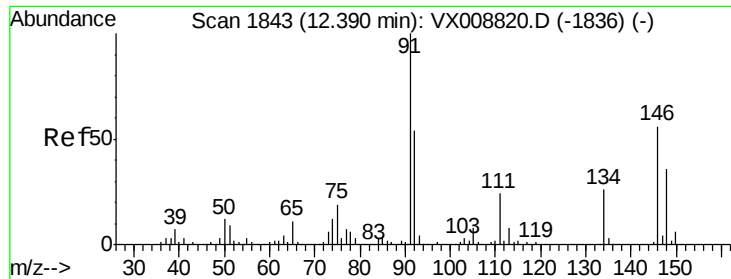
MMDadoda
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#90
Hexachloroethane
Concen: 46.550 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		65174		
201	84.2	40.6	122.0		





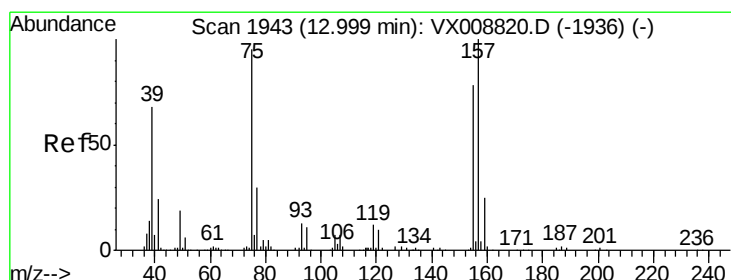
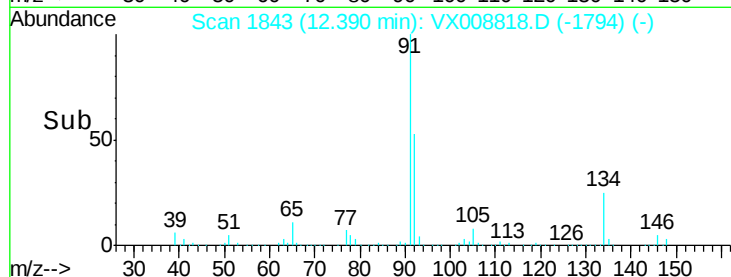
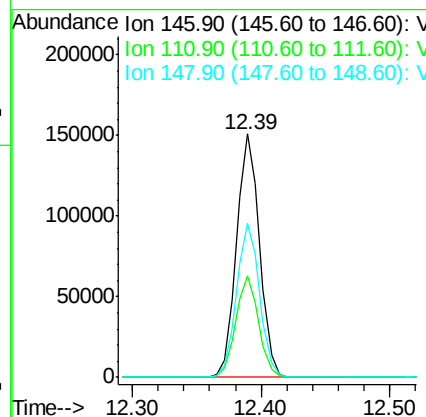
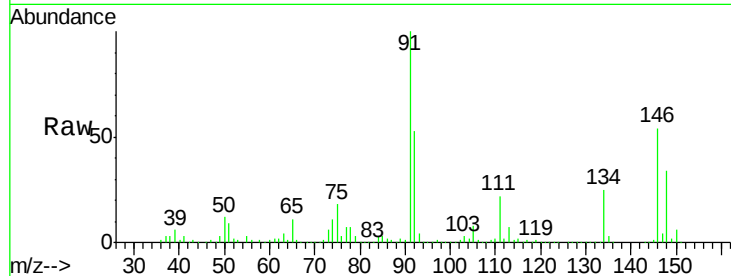
#91
 1,2-Dichlorobenzene
 Concen: 44.945 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008818.D
 Acq: 10 Apr 2019 20:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	21.3	63.9
148	63.6	31.7	95.1

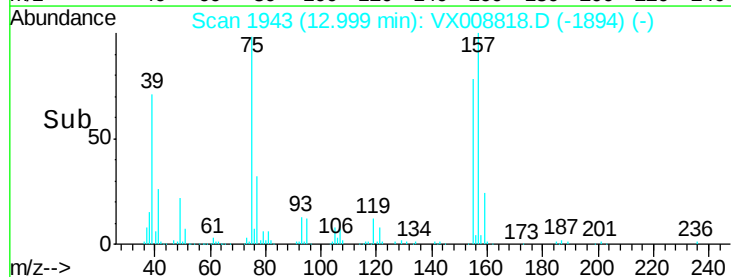
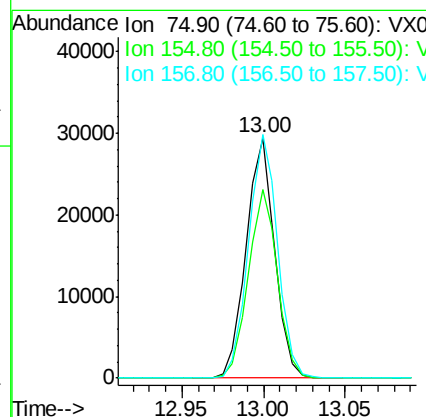
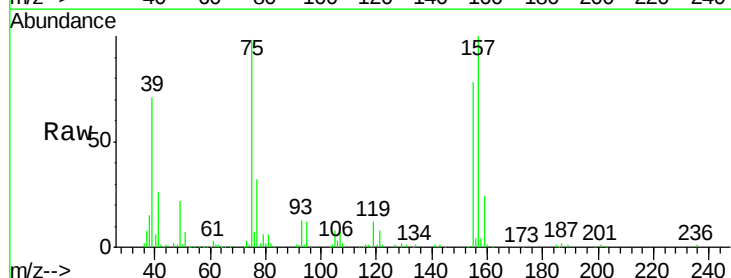
Manual Integrations
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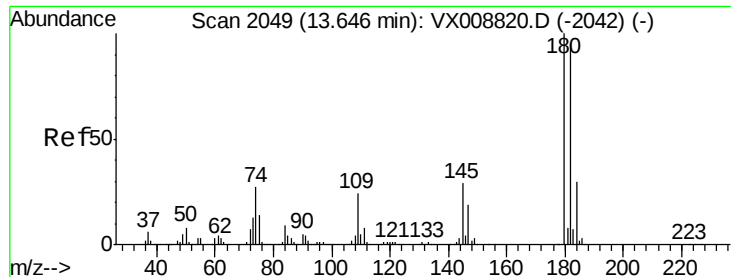
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.721 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008818.D
 Acq: 10 Apr 2019 20:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.1	39.9	119.6
157	103.1	51.5	154.7





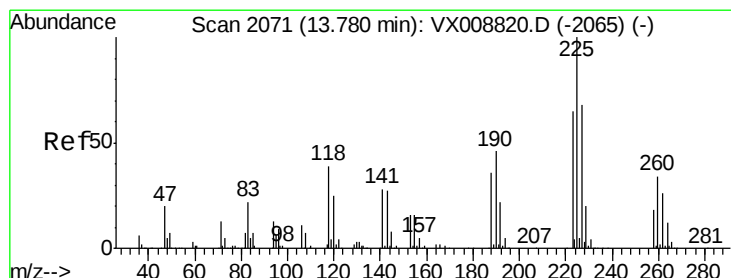
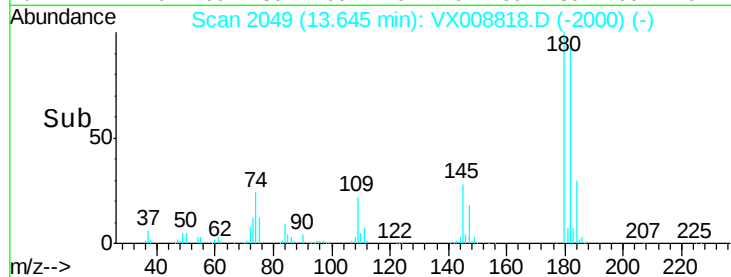
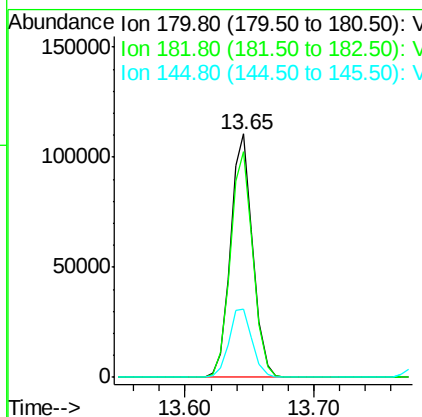
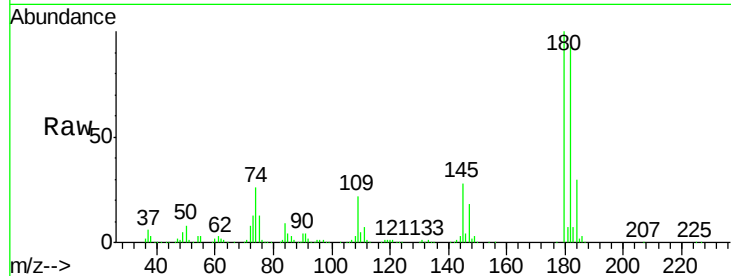
#93
 1,2,4-Trichlorobenzene
 Concen: 45.622 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008818.D
 Acq: 10 Apr 2019 20:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	180	Resp:	132892
Ion Ratio	Lower	Upper	
180	100		
182	94.4	47.2	141.6
145	29.5	15.3	45.9

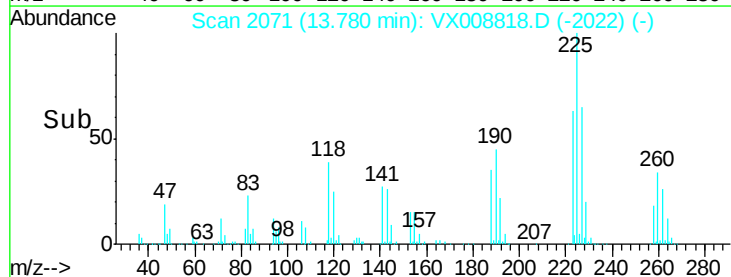
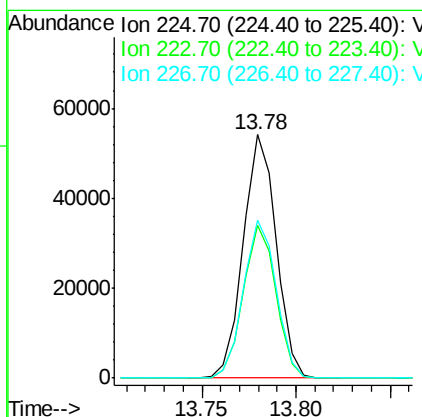
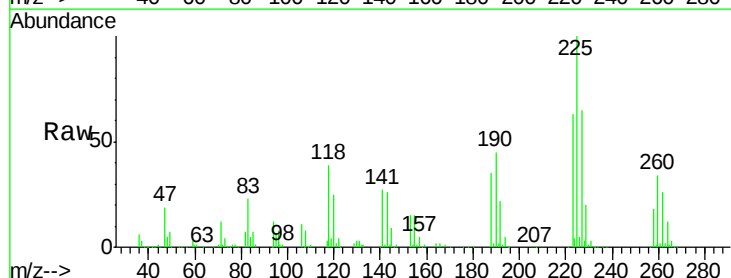
Manual Integrations
 APPROVED

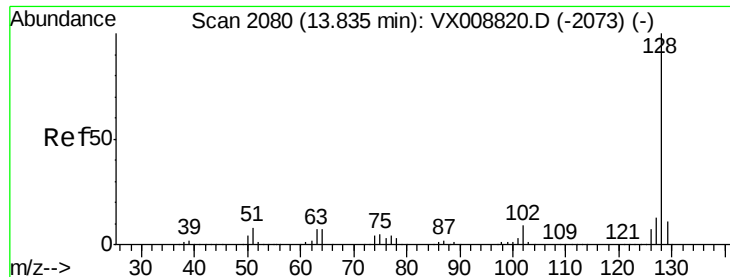
MMDadoda
 4/11/2019 11:48:26 AM



#94
 Hexachlorobutadiene
 Concen: 47.073 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008818.D
 Acq: 10 Apr 2019 20:12

Tgt Ion:	225	Resp:	65760
Ion Ratio	Lower	Upper	
225	100		
223	62.3	31.2	93.6
227	64.6	31.9	95.5





#95

Naphthalene

Concen: 45.009 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

Instrument :

MSVOA_X

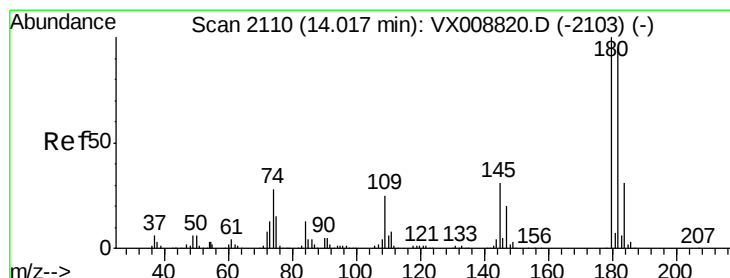
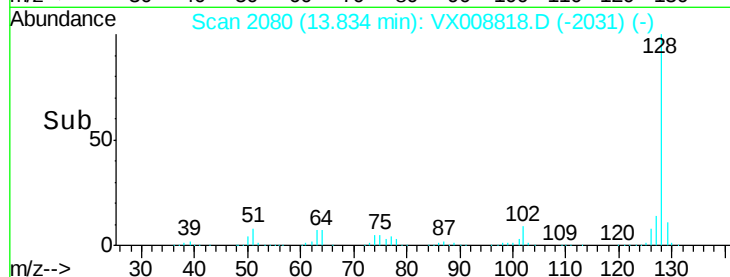
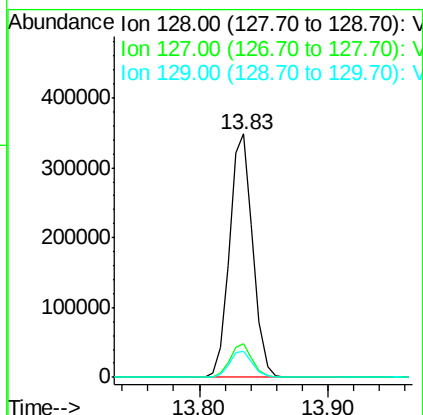
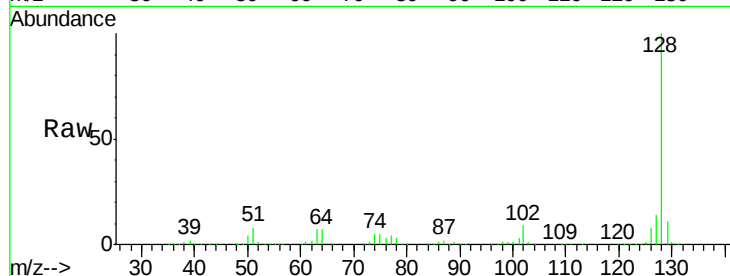
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	438187
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.4	15.6
129	10.8	8.6	13.0

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 45.575 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

Tgt Ion:	180	Resp:	132639
Ion Ratio	Lower	Upper	
180	100		
182	94.4	48.1	144.3
145	31.3	16.3	48.8

