

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032519\
 Data File : VX008444.D
 Acq On : 26 Mar 2019 04:45
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 8:56:00 AM

Quant Time: Mar 26 08:05:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 04:58:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	192345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	334729	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	302878	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	143214	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	148067	50.78	ug/l	0.00
Spiked Amount			Recovery	=	101.56%	
35) Dibromofluoromethane	5.50	113	110676	50.71	ug/l	0.00
Spiked Amount			Recovery	=	101.42%	
50) Toluene-d8	8.71	98	437944	50.18	ug/l	0.00
Spiked Amount			Recovery	=	100.36%	
62) 4-Bromofluorobenzene	11.13	95	163273	50.49	ug/l	0.00
Spiked Amount			Recovery	=	100.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	98221	43.322	ug/l	100
3) Chloromethane	1.32	50	133125	46.483	ug/l	99
4) Vinyl Chloride	1.40	62	143133	45.215	ug/l	100
5) Bromomethane	1.64	94	58633	35.822	ug/l	97
6) Chloroethane	1.71	64	97995	52.255	ug/l	97
7) Trichlorofluoromethane	1.92	101	164766	45.956	ug/l	98
8) Diethyl Ether	2.18	74	79089	46.612	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	96287	44.438	ug/l	99
10) Methyl Iodide	2.51	142	63617	31.812	ug/l	99
11) Tert butyl alcohol	3.06	59	171434	265.352	ug/l	99
12) 1,1-Dichloroethene	2.37	96	104550	46.722	ug/l	97
13) Acrolein	2.29	56	132775	283.003	ug/l	98
14) Allyl chloride	2.73	41	229882	46.630	ug/l	99
15) Acrylonitrile	3.14	53	409427	241.680	ug/l	100
16) Acetone	2.45	43	353739	232.103	ug/l	99
17) Carbon Disulfide	2.57	76	311179	41.920	ug/l	100
18) Methyl Acetate	2.77	43	177894	48.600	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	392241	48.642	ug/l	99
20) Methylene Chloride	2.85	84	125350	50.399	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	110587	49.594	ug/l	100
22) Diisopropyl ether	3.85	45	465890	47.994	ug/l	99
23) Vinyl Acetate	3.81	43	2081314	245.756	ug/l	99
24) 1,1-Dichloroethane	3.70	63	235179	47.988	ug/l	99
25) 2-Butanone	4.67	43	604165	247.270	ug/l	99
26) 2,2-Dichloropropane	4.58	77	123272	37.818	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	129734	47.412	ug/l	98
28) Bromochloromethane	5.01	49	114915	47.462	ug/l	99
29) Tetrahydrofuran	5.13	42	395708	245.729	ug/l	100
30) Chloroform	5.21	83	213006	48.161	ug/l	99
31) Cyclohexane	5.58	56	217661	46.568	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	172570	48.814	ug/l	99
36) 1,1-Dichloropropene	5.80	75	160852	45.070	ug/l	98
37) Ethyl Acetate	4.83	43	227546	49.215	ug/l	99
38) Carbon Tetrachloride	5.79	117	142215	47.749	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	191116	44.808	ug/l	99
40) Benzene	6.14	78	501151	46.904	ug/l	99
41) Methacrylonitrile	5.04	41	129197	49.724	ug/l	99
42) 1,2-Dichloroethane	6.19	62	180765	46.208	ug/l	99
43) Isopropyl Acetate	6.45	43	363588	49.164	ug/l	100
44) Trichloroethene	7.21	130	114461	45.625	ug/l	100
45) 1,2-Dichloropropane	7.51	63	143664	47.305	ug/l	99
46) Dibromomethane	7.66	93	82775	46.675	ug/l	100
47) Bromodichloromethane	7.90	83	167137	49.238	ug/l	96
48) Methyl methacrylate	7.77	41	183703	49.645	ug/l	99
49) 1,4-Dioxane	7.74	88	75330	1023.851	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1211171	252.152	ug/l	100
52) Toluene	8.78	92	303895	47.568	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	179082	48.166	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	201758	47.721	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	124121	47.728	ug/l	100
56) Ethyl methacrylate	9.18	69	235167	50.096	ug/l	99
57) 1,3-Dichloropropane	9.37	76	219634	47.105	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	578591	238.441	ug/l	100
59) 2-Hexanone	9.49	43	946942	254.425	ug/l	99
60) Dibromochloromethane	9.58	129	122110	49.373	ug/l	98
61) 1,2-Dibromoethane	9.67	107	127567	48.067	ug/l	99
64) Tetrachloroethene	9.34	164	94250	45.965	ug/l	98
65) Chlorobenzene	10.13	112	310326	47.114	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	110019	48.414	ug/l	100
67) Ethyl Benzene	10.25	91	588415	47.335	ug/l	100
68) m/p-Xylenes	10.36	106	422075	93.331	ug/l	100
69) o-Xylene	10.69	106	207075	47.185	ug/l	100
70) Styrene	10.71	104	364511	48.084	ug/l	100
71) Bromoform	10.85	173	89717	49.992	ug/l #	99
73) Isopropylbenzene	11.02	105	551876	47.367	ug/l	99
74) N-amyl acetate	10.90	43	337704	50.076	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	214197	47.382	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	179023m	42.047	ug/l	
77) Bromobenzene	11.26	156	130134	46.021	ug/l	99
78) n-propylbenzene	11.36	91	645164	47.270	ug/l	100
79) 2-Chlorotoluene	11.42	91	388649	46.816	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	464060	47.112	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	62489	47.008	ug/l	98
82) 4-Chlorotoluene	11.51	91	444380	46.406	ug/l	100
83) tert-Butylbenzene	11.77	119	445798	46.909	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	467146	46.888	ug/l	100
85) sec-Butylbenzene	11.94	105	532562	47.057	ug/l	99
86) p-Isopropyltoluene	12.06	119	476665	47.732	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	233269	46.170	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	232562	45.610	ug/l	100
89) n-Butylbenzene	12.38	91	438948	46.401	ug/l	100
90) Hexachloroethane	12.60	117	81216	48.818	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	234709	46.390	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	47696	48.388	ug/l	99

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QLast Update : Tue Mar 26 04:58:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	159653	46.869	ug/l	99
94) Hexachlorobutadiene	13.78	225	74842	46.272	ug/l	100
95) Naphthalene	13.83	128	566068	48.471	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	159893	46.713	ug/l	100

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

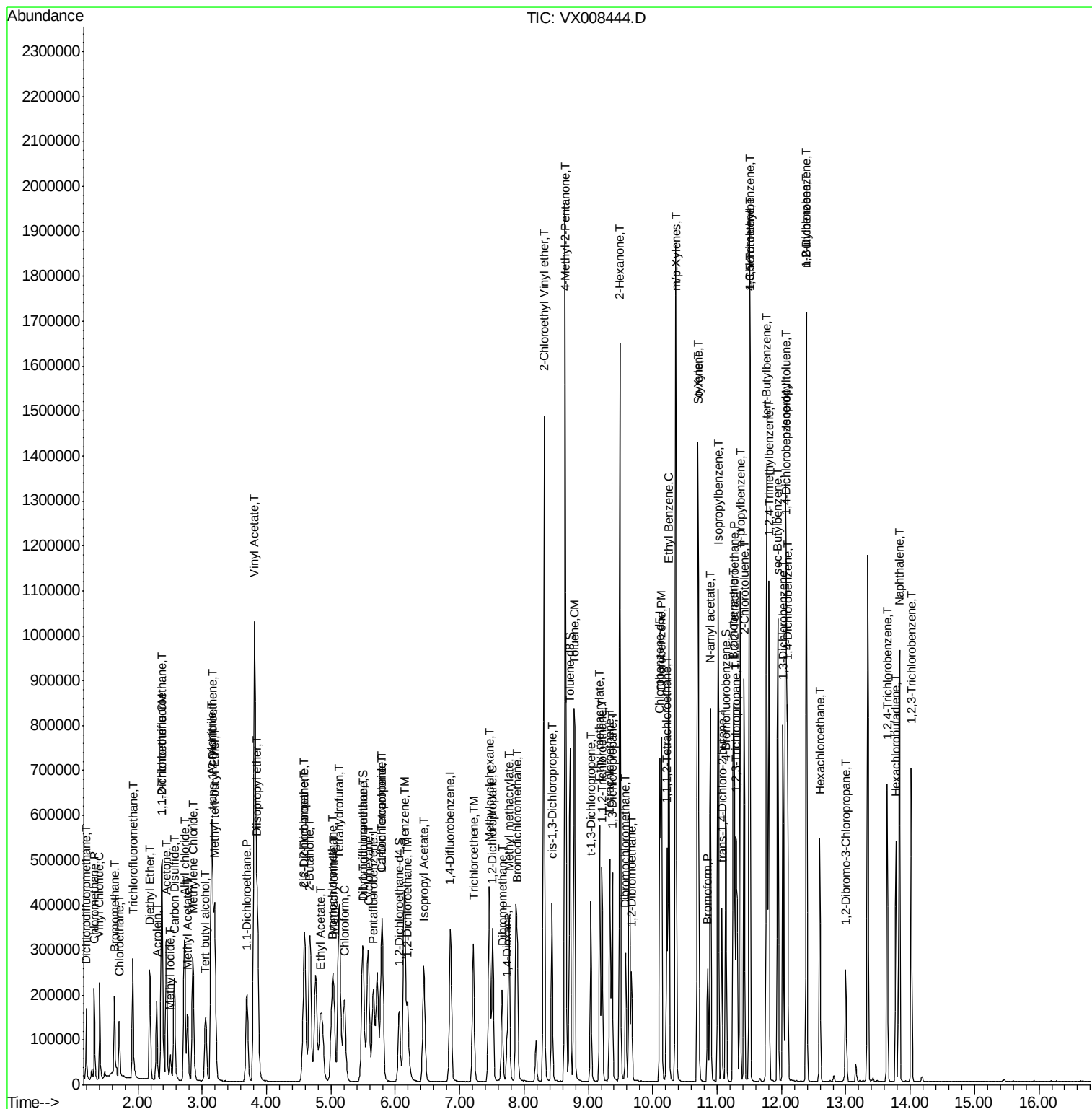
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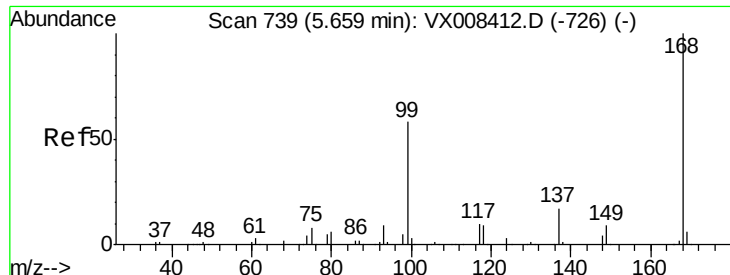
Instrument :
 MSVOA_X
 Client Sample ID :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 192345

Ion Ratio Lower Upper

168 100

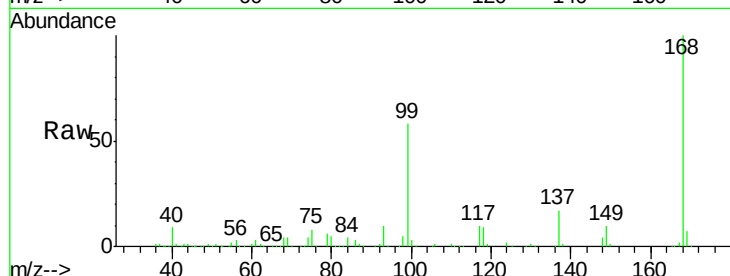
99 57.6 46.0 69.0

Manual Integrations

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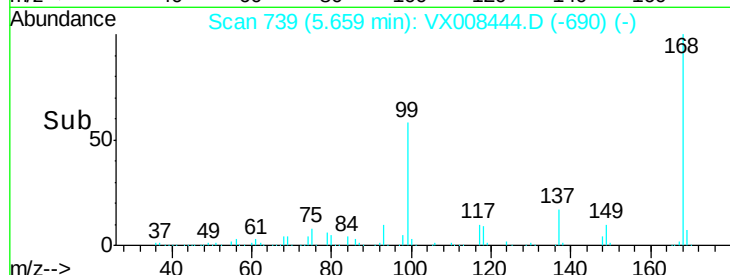


Abundance Ion 167.90 (167.60 to 168.60): V

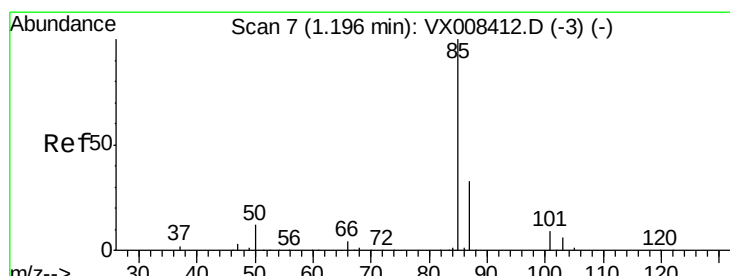
Ion 98.90 (98.60 to 99.60): VX0

5.66

Time-->



Time-->



#2

Dichlorodifluoromethane

Concen: 43.322 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008444.D

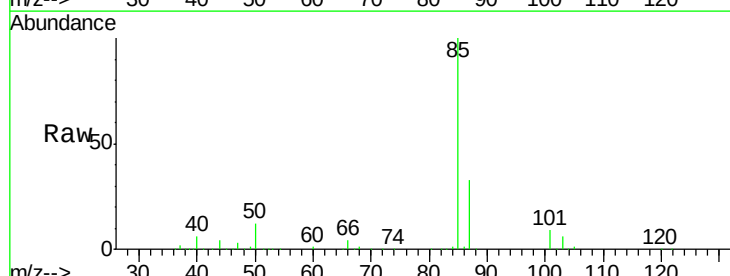
Acq: 26 Mar 2019 04:45

Tgt Ion: 85 Resp: 98221

Ion Ratio Lower Upper

85 100

87 32.7 16.4 49.1

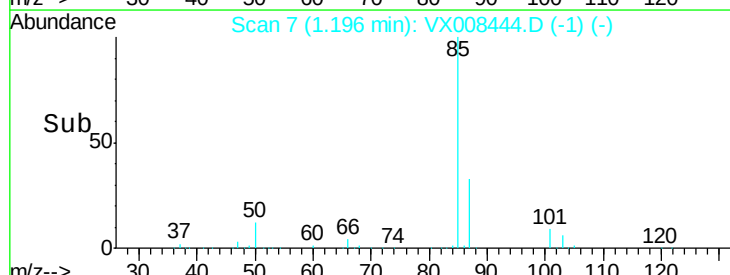


Abundance Ion 84.90 (84.60 to 85.60): VX0

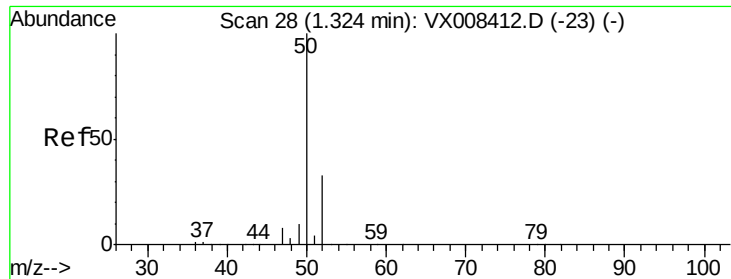
Ion 86.90 (86.60 to 87.60): VX0

1.20

Time-->



Time-->



#3

Chloromethane

Concen: 46.483 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 133125

Ion Ratio Lower Upper

50 100

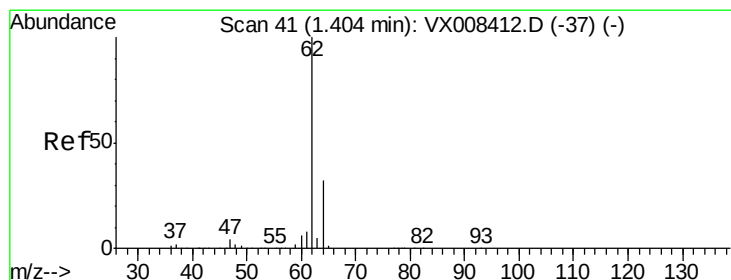
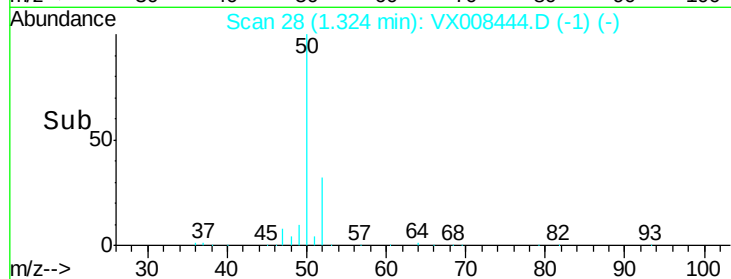
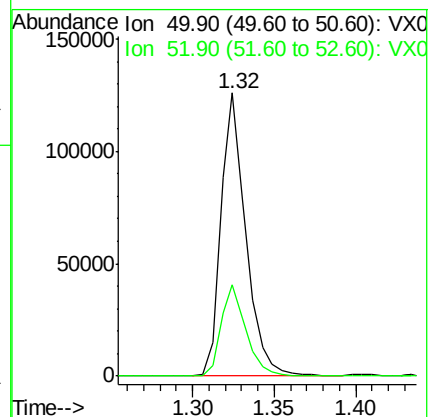
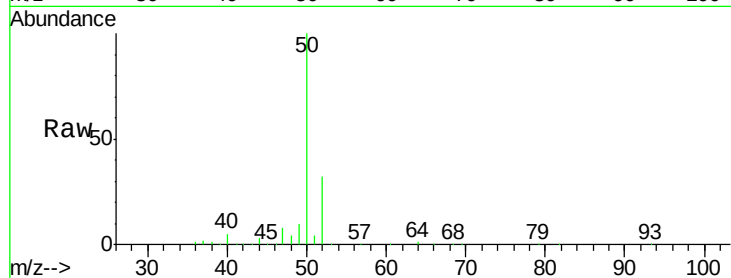
52 32.3 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 45.215 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX008444.D

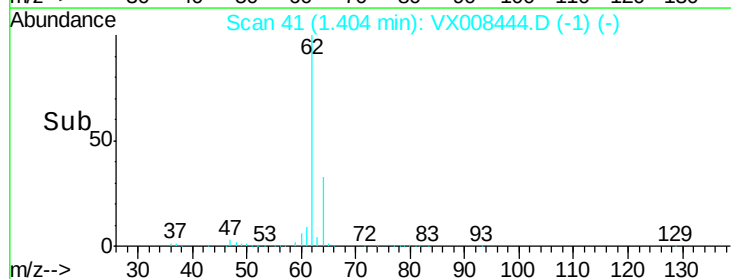
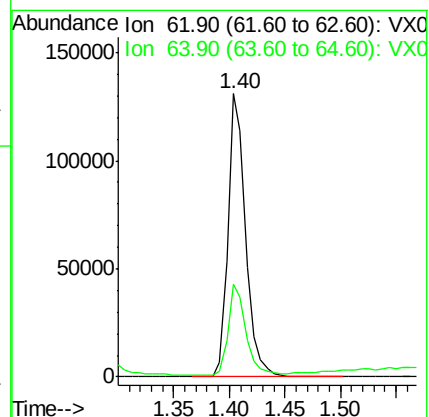
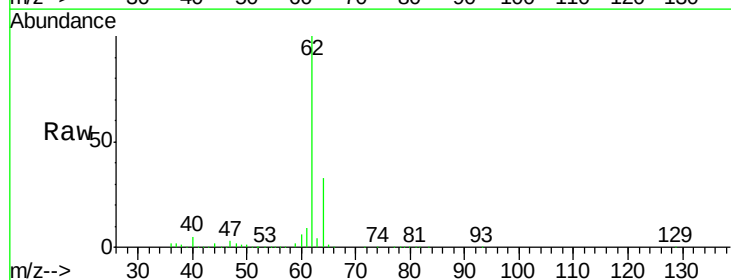
Acq: 26 Mar 2019 04:45

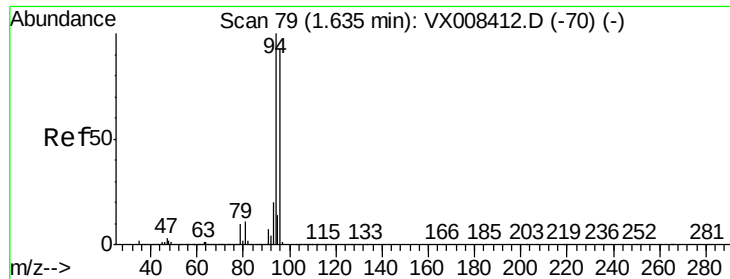
Tgt Ion: 62 Resp: 143133

Ion Ratio Lower Upper

62 100

64 32.0 25.5 38.3





#5

Bromomethane

Concen: 35.822 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Tot Ion: 94 Resp: 58633

Ion Ratio Lower Upper

94 100

96 96.5 74.8 112.2

Instrument :

MSVOA_X

ClientSampleId :

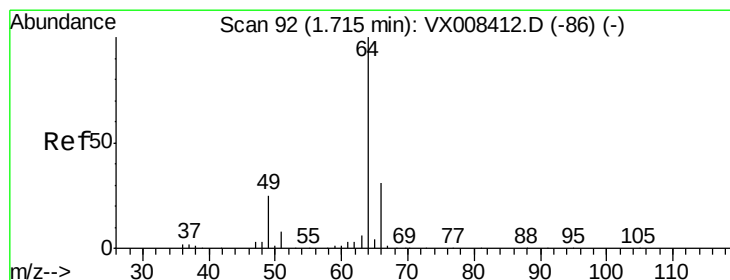
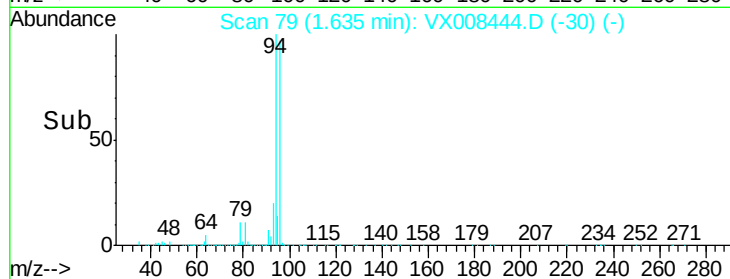
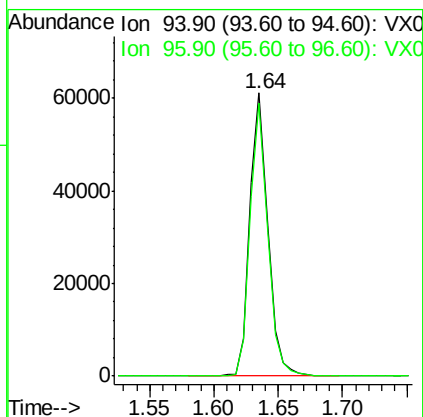
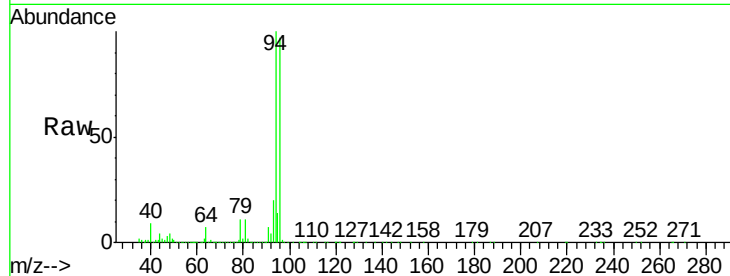
VSTDCCC050EC

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#6

Chloroethane

Concen: 52.255 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008444.D

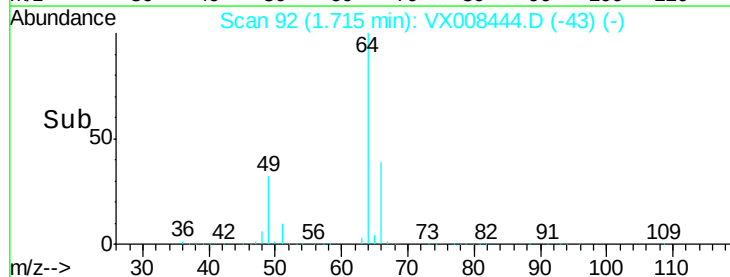
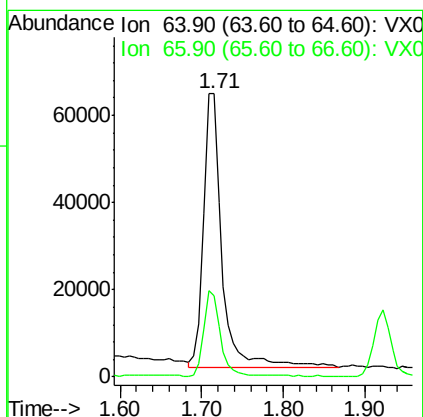
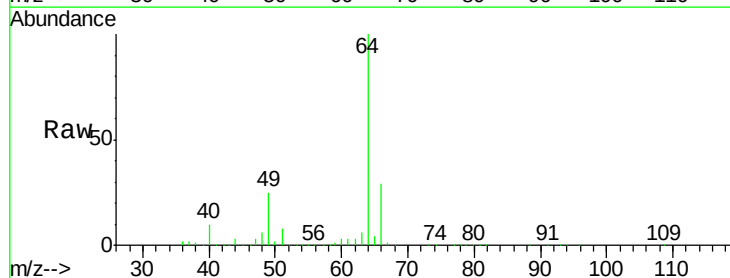
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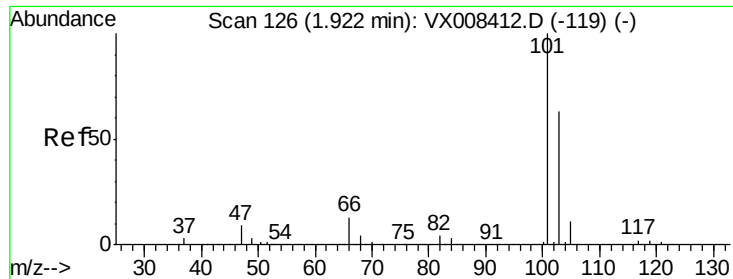
Tgt Ion: 64 Resp: 97995

Ion Ratio Lower Upper

64 100

66 29.7 25.1 37.7





#7

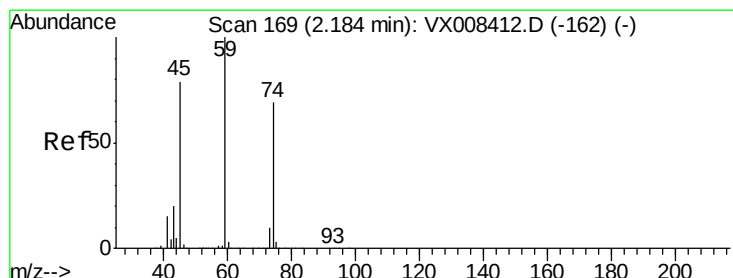
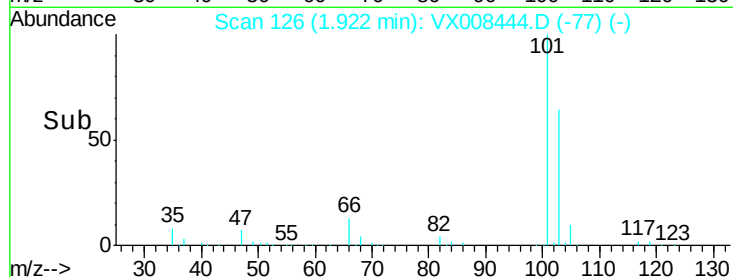
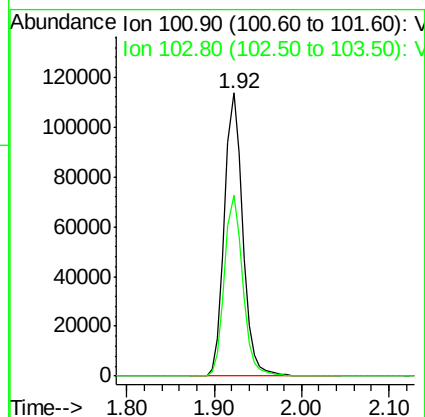
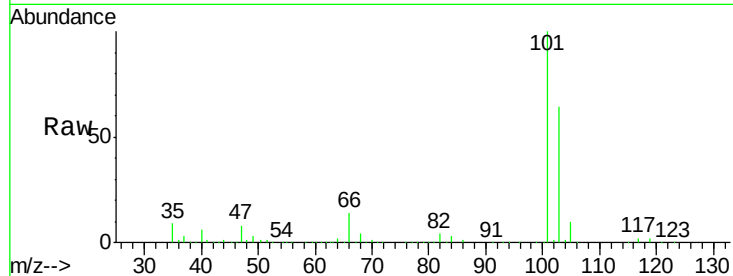
Trichlorofluoromethane
Concen: 45.956 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	50.2	75.4

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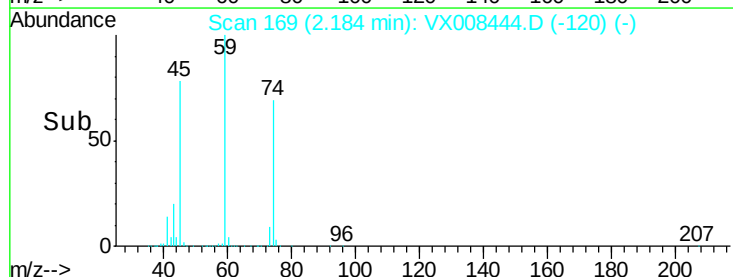
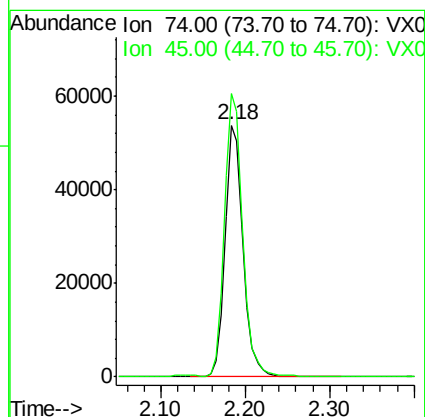
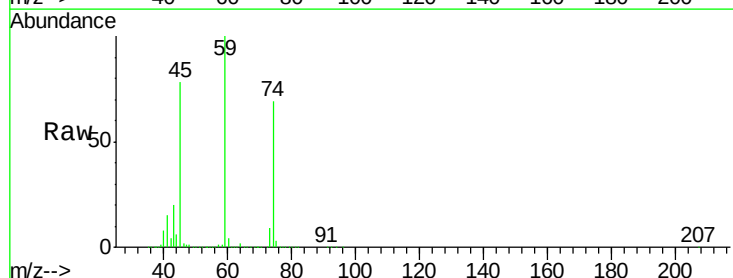
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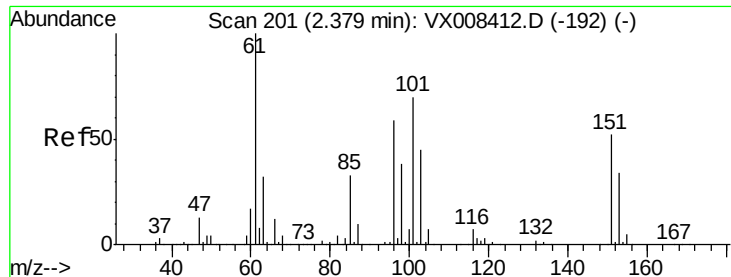


#8

Diethyl Ether
Concen: 46.612 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	113.4	56.4	169.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.438 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX008444.D

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Instrument :

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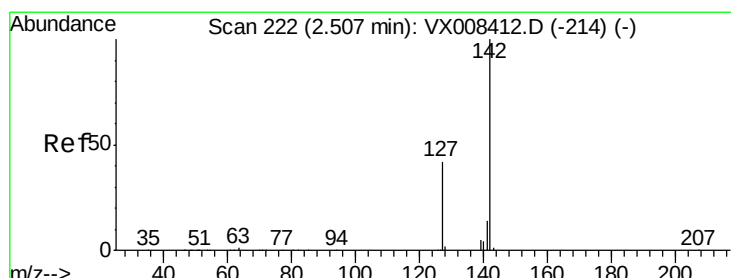
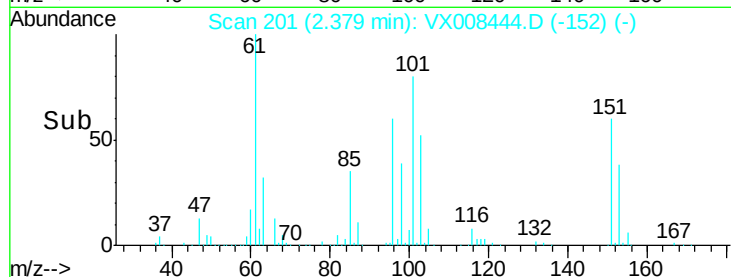
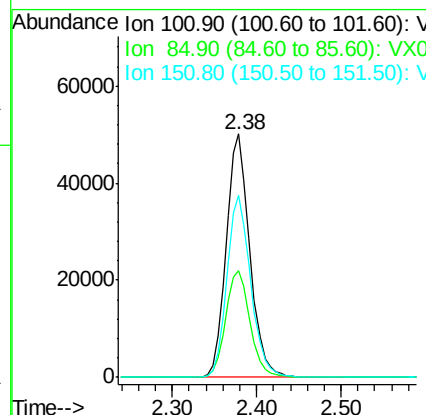
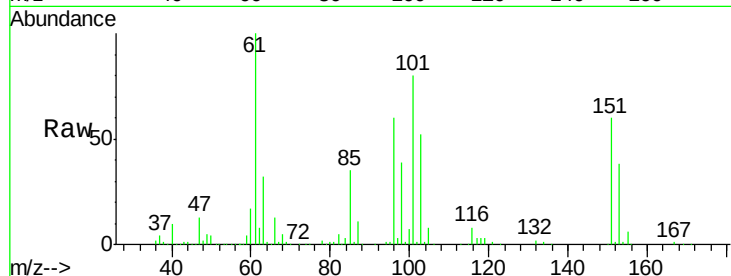
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	96287
Ion Ratio	Lower	Upper	
101	100		
85	45.3	36.0	54.0
151	75.3	59.2	88.8

Manual Integrations
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3/27/2019 8:56:00 AM



#10

Methyl Iodide

Concen: 31.812 ug/l

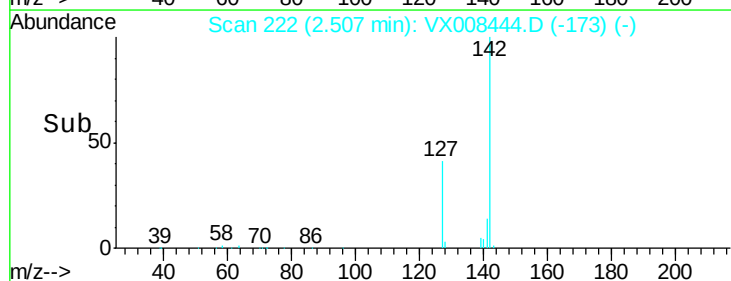
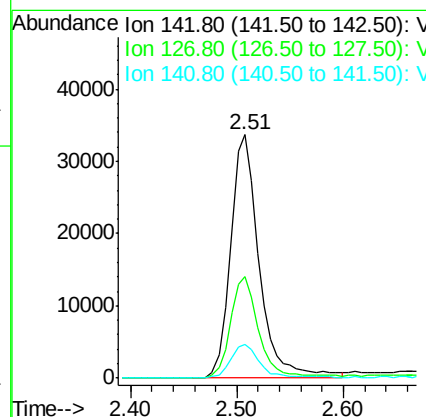
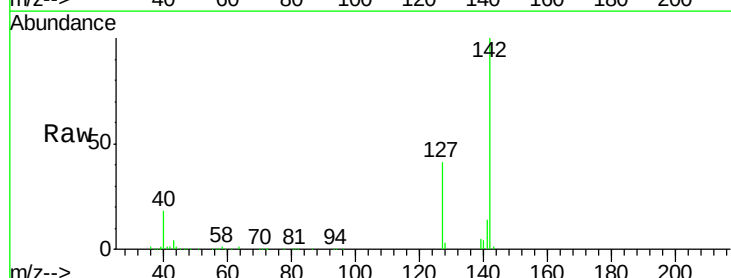
RT: 2.51 min Scan# 222

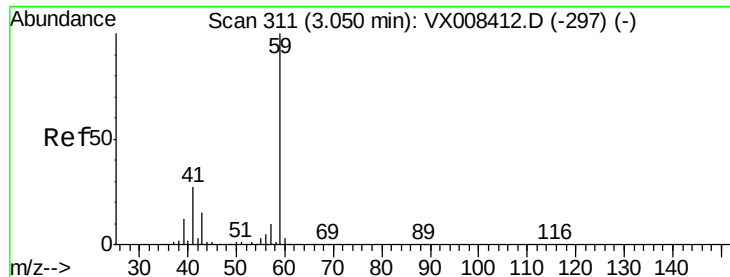
Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Tgt Ion:	142	Resp:	63617
Ion Ratio	Lower	Upper	
142	100		
127	41.6	33.6	50.4
141	14.3	11.3	16.9





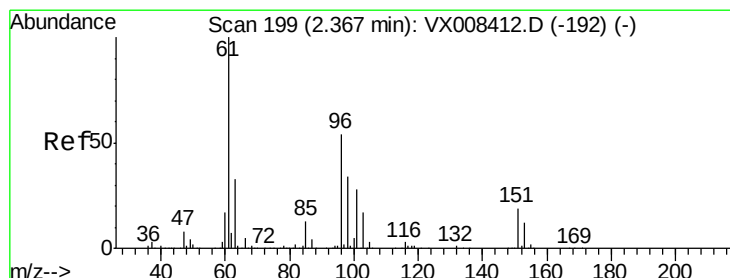
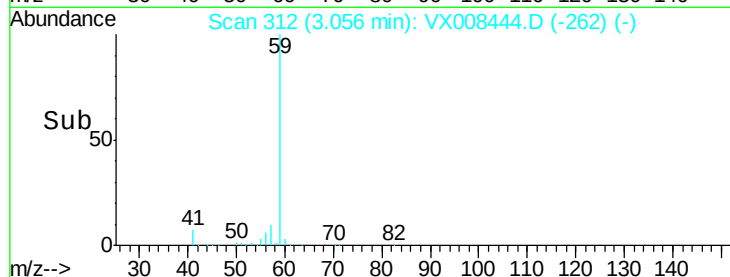
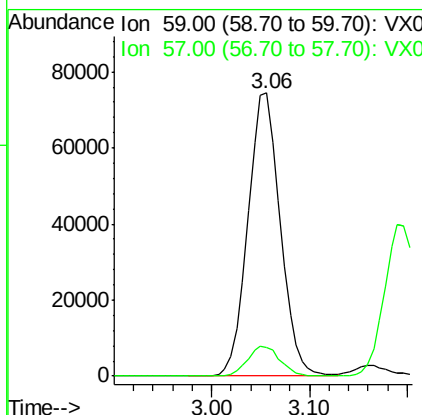
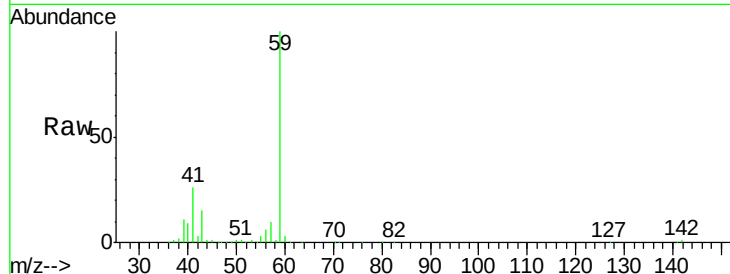
#11
Tert butyl alcohol
Concen: 265.352 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 171434
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4

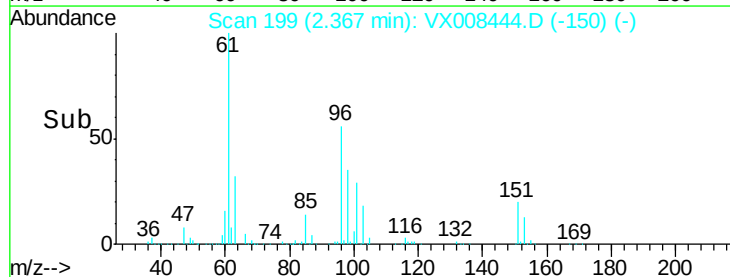
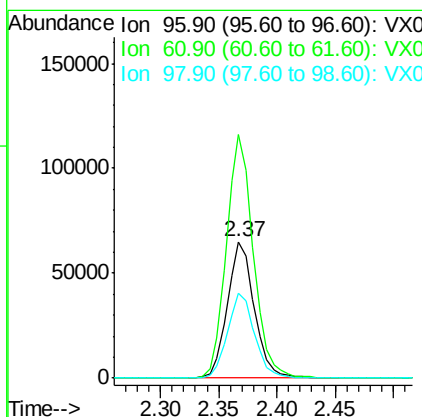
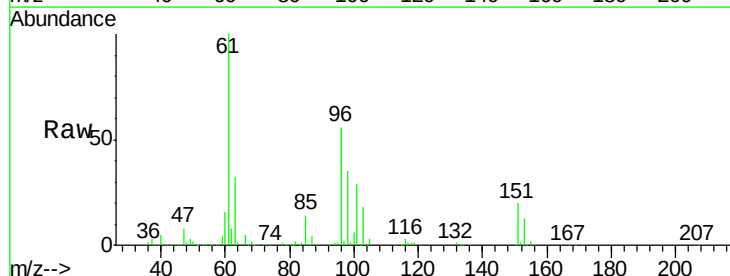
Manual Integrations
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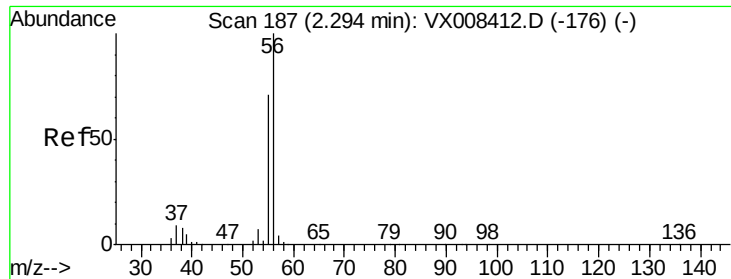
MMDadoda
3/27/2019 8:56:00 AM



#12
1,1-Dichloroethene
Concen: 46.722 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

Tgt Ion: 96 Resp: 104550
Ion Ratio Lower Upper
96 100
61 178.8 146.9 220.3
98 62.8 50.1 75.1





#13

Acrolein

Concen: 283.003 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 132775

Ion Ratio Lower Upper

56 100

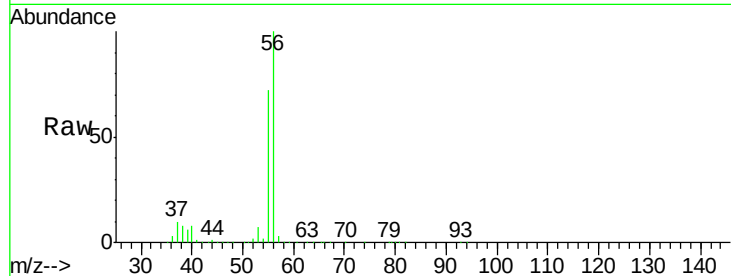
55 72.2 56.5 84.7

Manual Integrations

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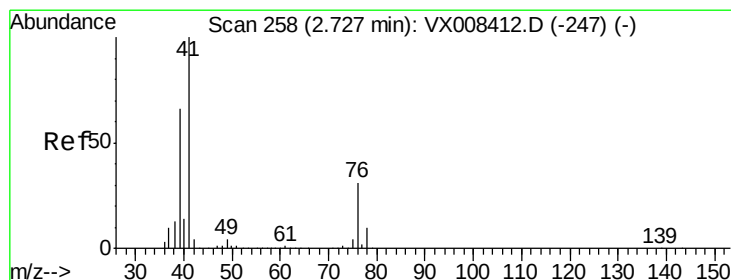
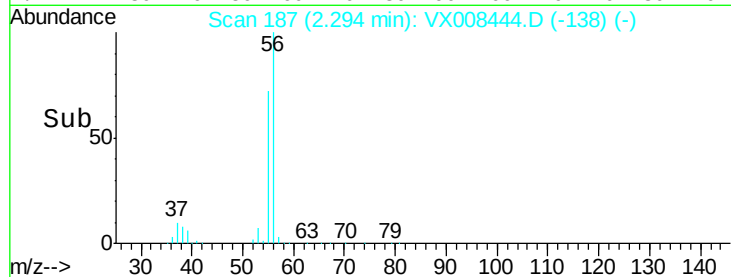
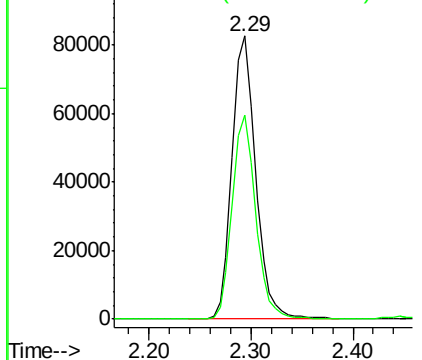
MMDadoda

3/27/2019 8:56:00 AM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 46.630 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

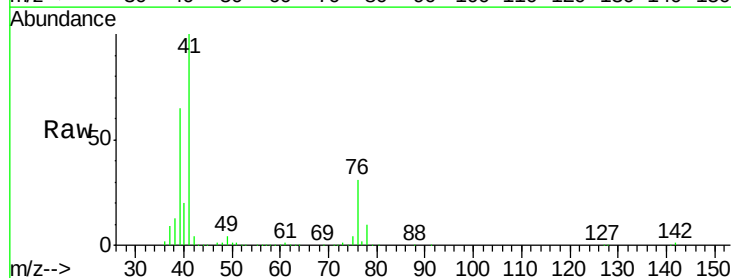
Tgt Ion: 41 Resp: 229882

Ion Ratio Lower Upper

41 100

39 61.0 49.6 74.4

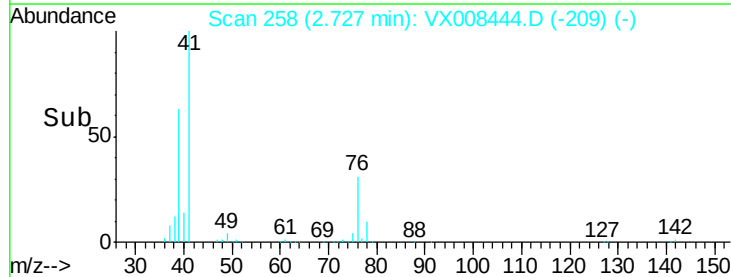
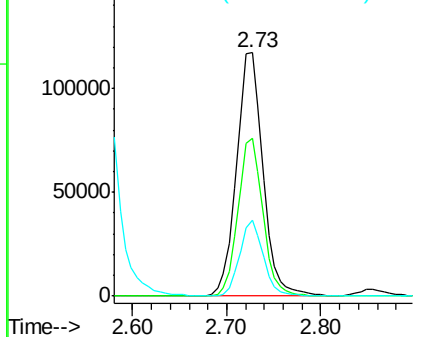
76 27.7 22.6 34.0

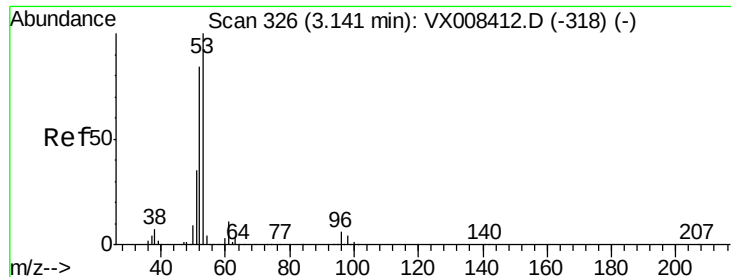


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 241.680 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Instrument :

MSVOA_X

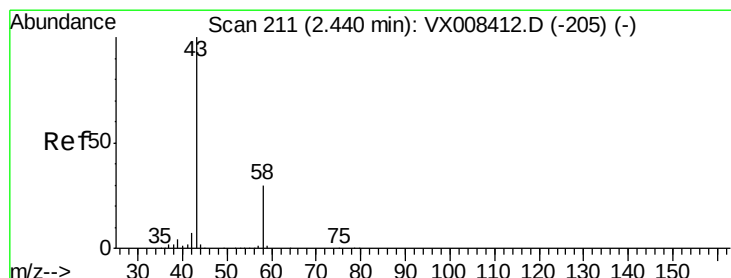
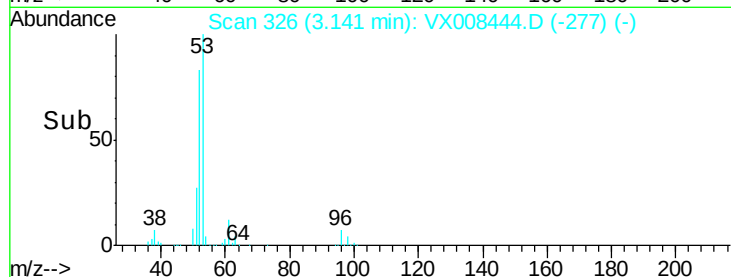
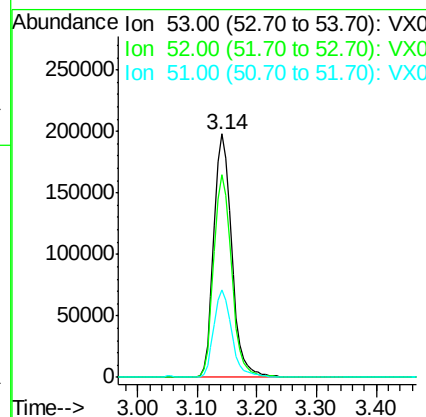
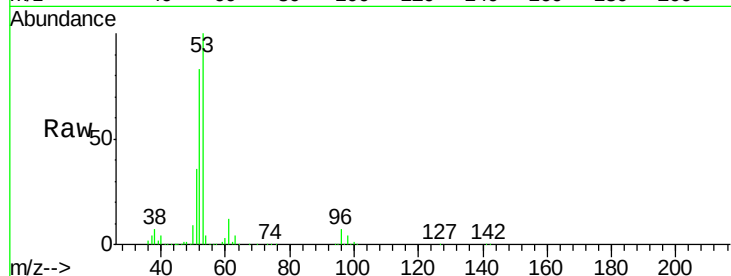
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	409427
Ion Ratio	Lower	Upper	
53	100		
52	83.2	66.5	99.7
51	35.7	28.3	42.5

Manual Integrations
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3/27/2019 8:56:00 AM



#16

Acetone

Concen: 232.103 ug/l

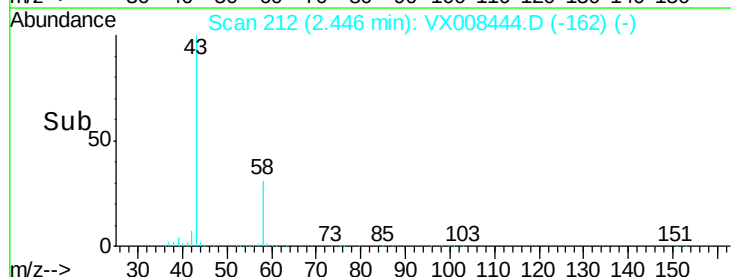
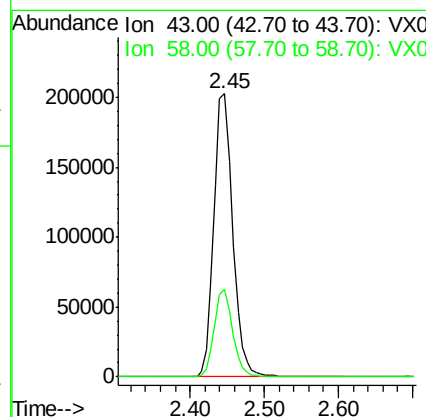
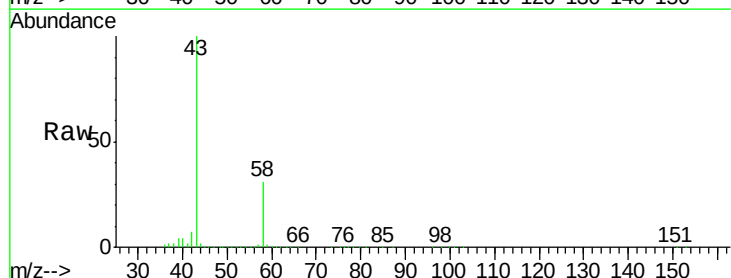
RT: 2.45 min Scan# 212

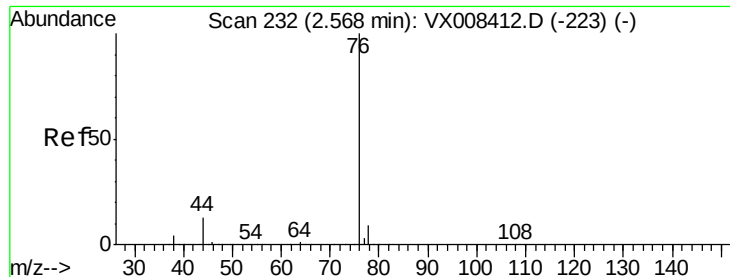
Delta R.T. 0.01 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Tgt Ion:	43	Resp:	353739
Ion Ratio	Lower	Upper	
43	100		
58	30.9	24.2	36.2





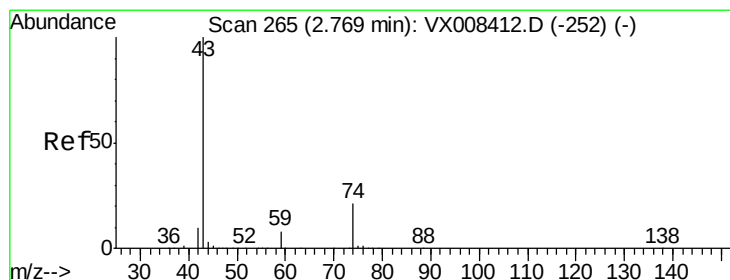
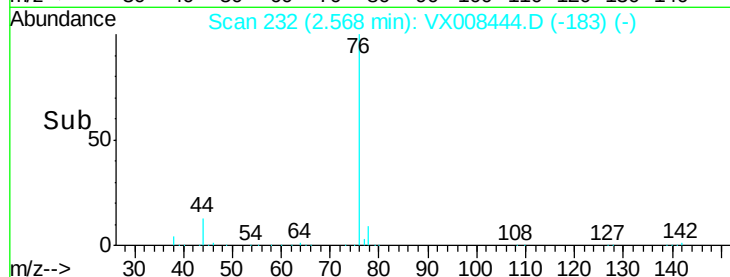
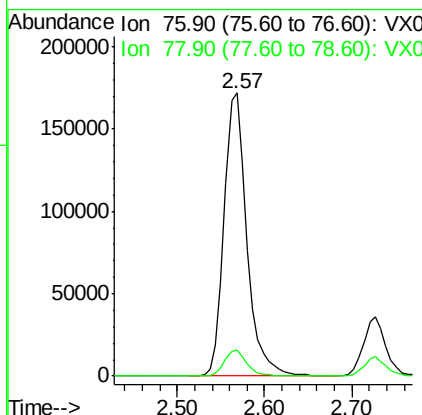
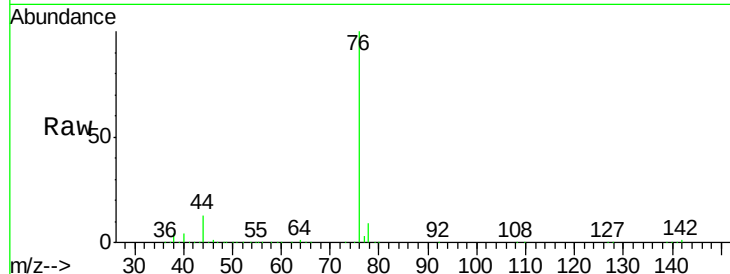
#17
Carbon Disulfide
Concen: 41.920 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.4	11.2

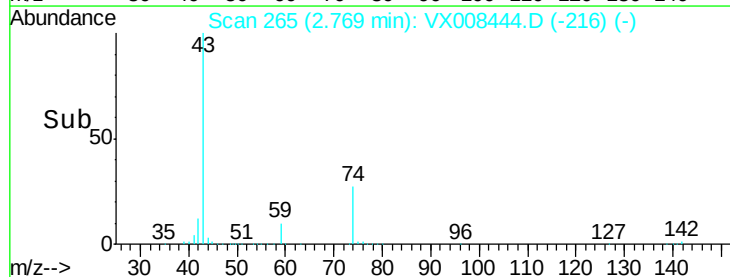
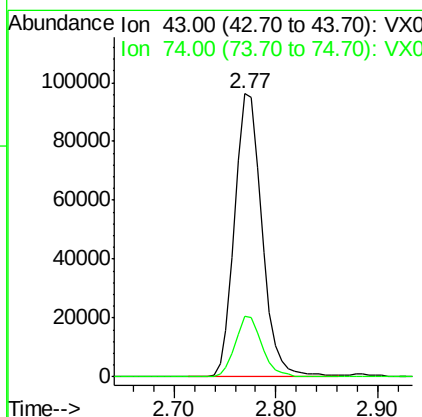
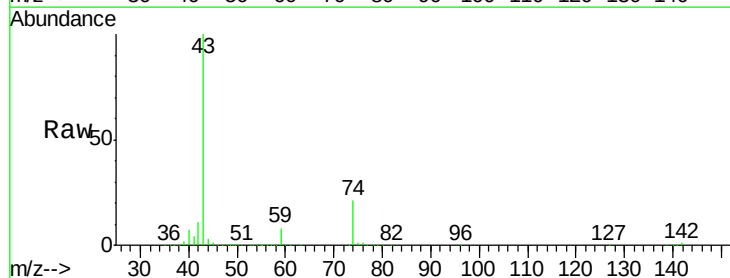
Manual Integrations
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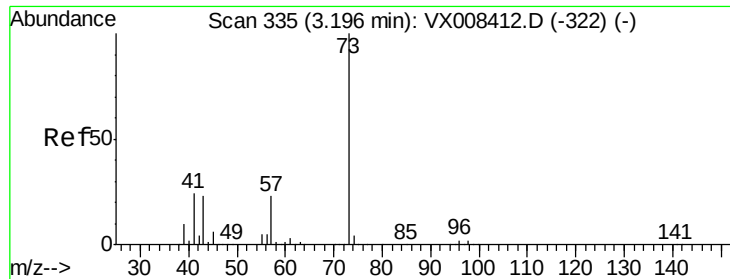
MMDadoda
3/27/2019 8:56:00 AM



#18
Methyl Acetate
Concen: 48.600 ug/l
RT: 2.77 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.2	16.7	25.1





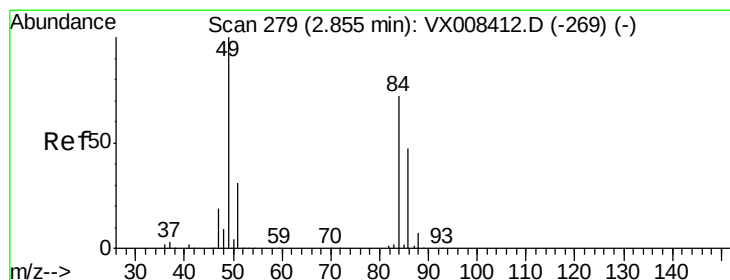
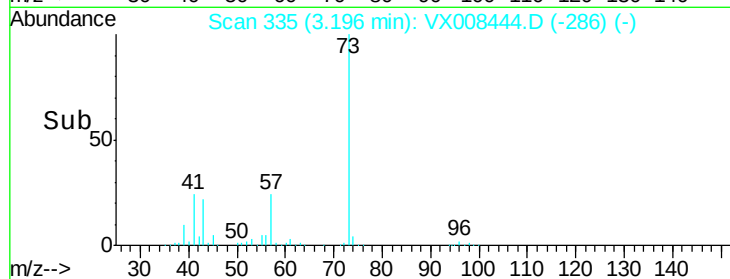
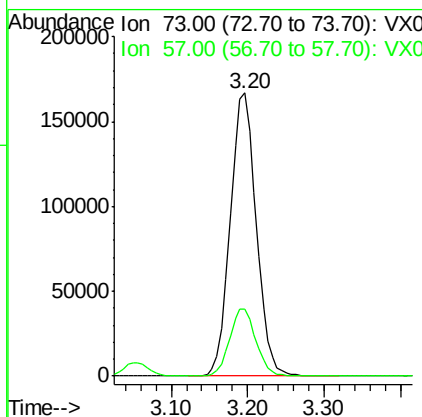
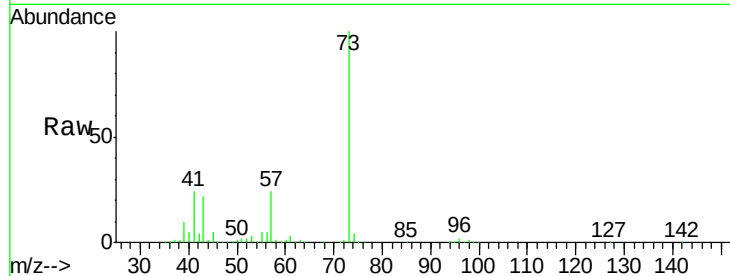
#19
Methvl tert-butyl Ether
Concen: 48.642 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	73	Resp	392241
Ion Ratio	Lower	Upper	
73	100		
57	23.7	18.6	28.0

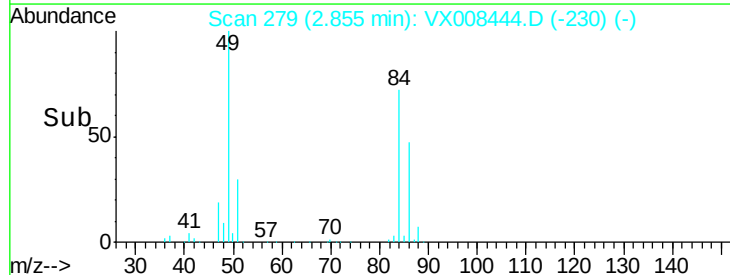
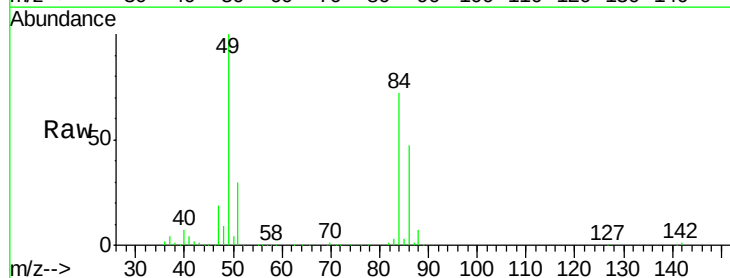
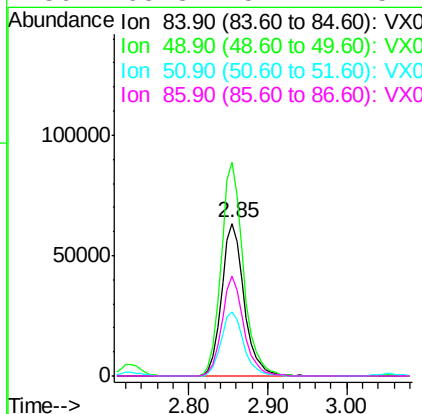
Manual Integrations
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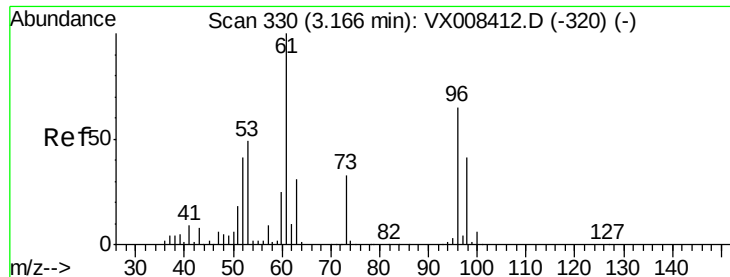
MMDadoda
3/27/2019 8:56:00 AM



#20
Methylene Chloride
Concen: 50.399 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

Tgt Ion	84	Resp	125350
Ion Ratio	Lower	Upper	
84	100		
49	139.5	110.6	165.8
51	42.0	33.9	50.9
86	65.3	52.2	78.2





#21

trans-1,2-Dichloroethene

Concen: 49.594 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 110587

Ion Ratio Lower Upper

96 100

61 153.3 122.6 184.0

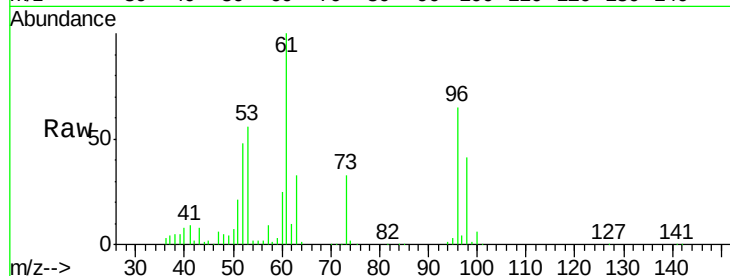
98 63.1 50.9 76.3

Manual Integrations

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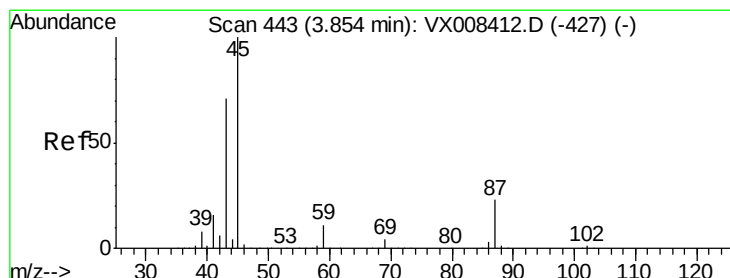
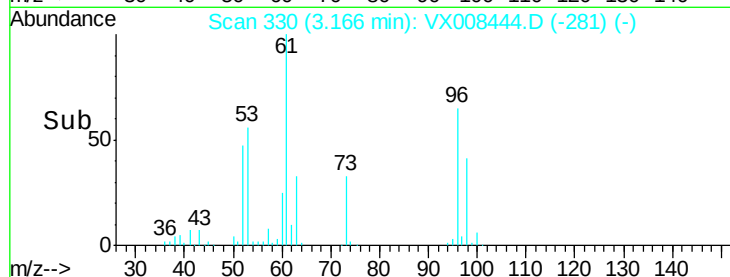
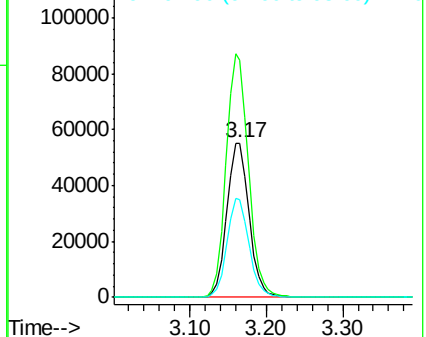


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 47.994 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Tgt Ion: 45 Resp: 465890

Ion Ratio Lower Upper

45 100

43 70.8 57.1 85.7

87 22.7 18.8 28.2

59 10.7 8.7 13.1

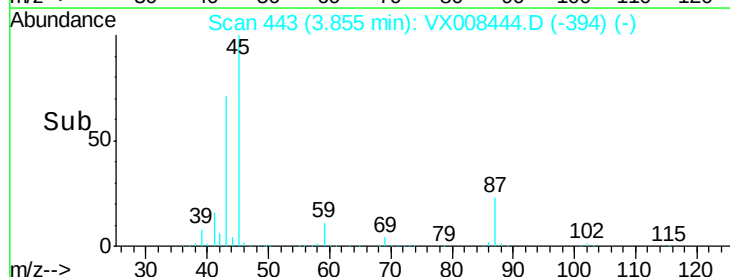
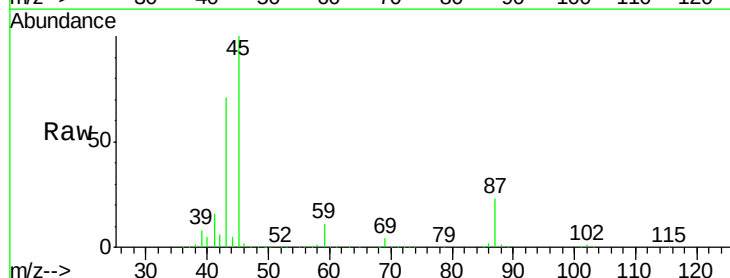
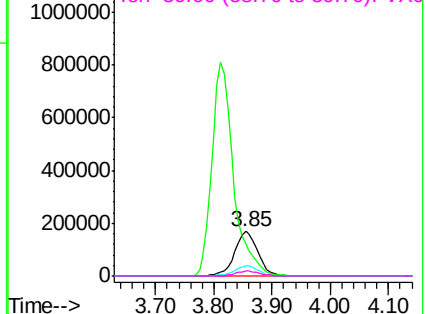
Abundance

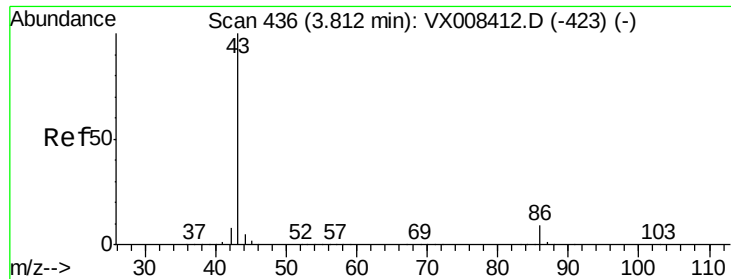
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 245.756 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2081314

Ion Ratio Lower Upper

43 100

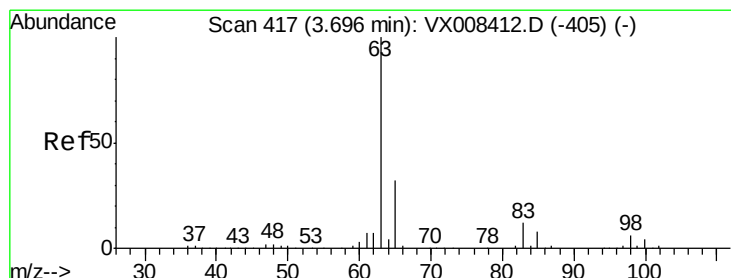
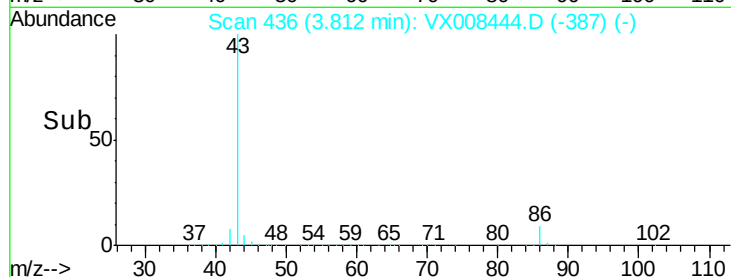
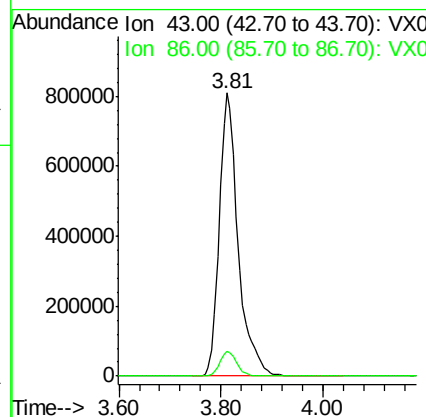
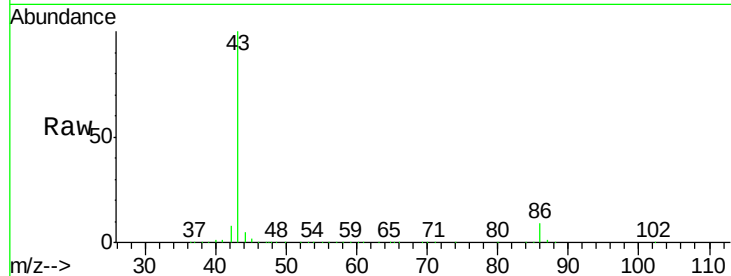
86 8.9 6.9 10.3

Manual Integrations

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MMDadoda

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#24

1,1-Dichloroethane

Concen: 47.988 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

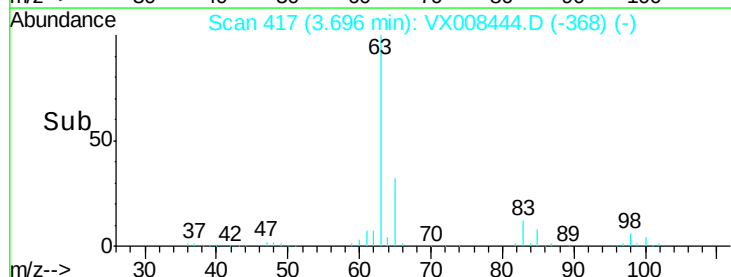
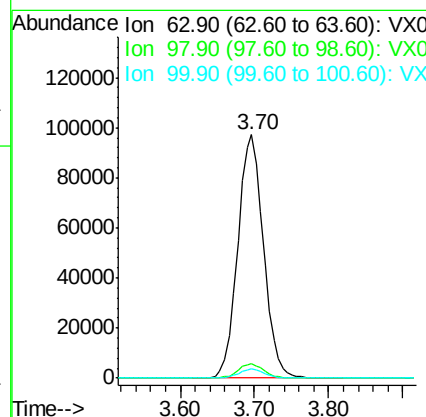
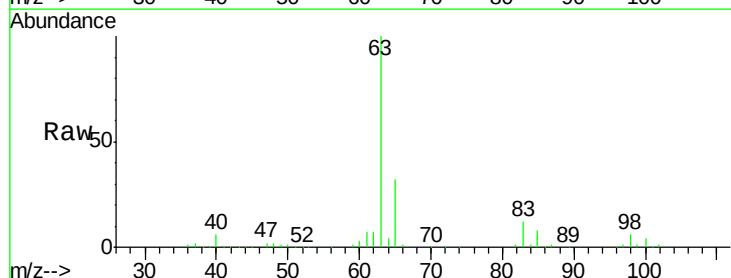
Tgt Ion: 63 Resp: 235179

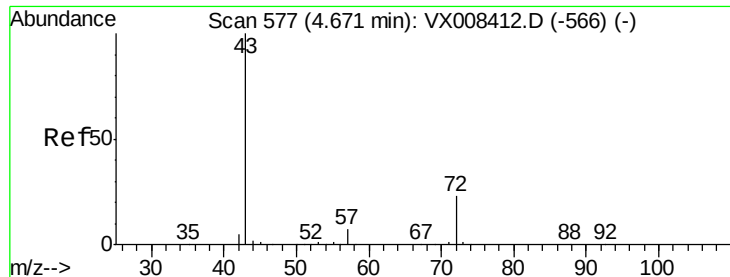
Ion Ratio Lower Upper

63 100

98 5.9 3.2 9.6

100 3.7 2.0 5.8





#25

2-Butanone

Concen: 247.270 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 604165

Ion Ratio Lower Upper

43 100

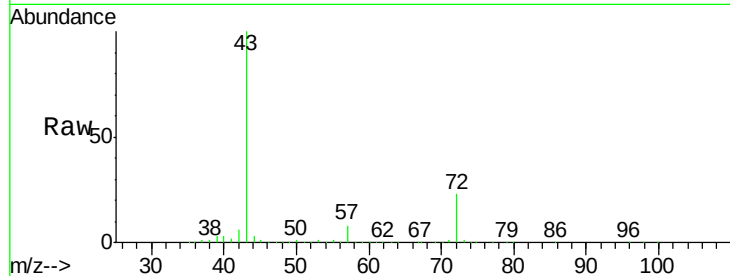
72 22.9 18.6 28.0

Manual Integrations

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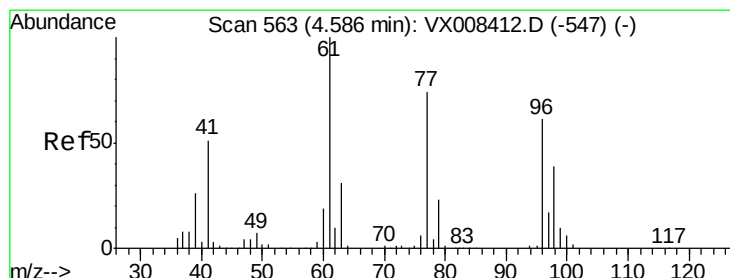
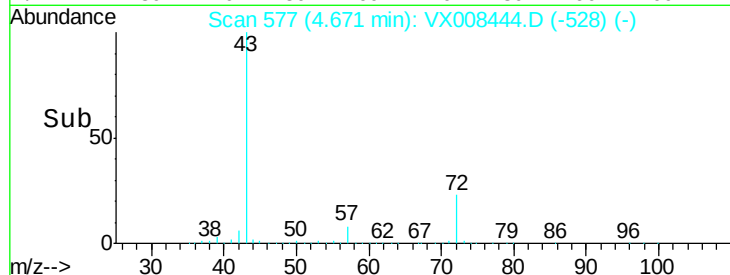
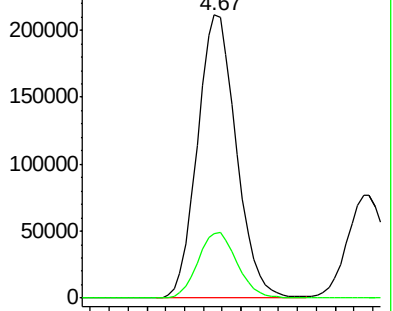
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 37.818 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008444.D

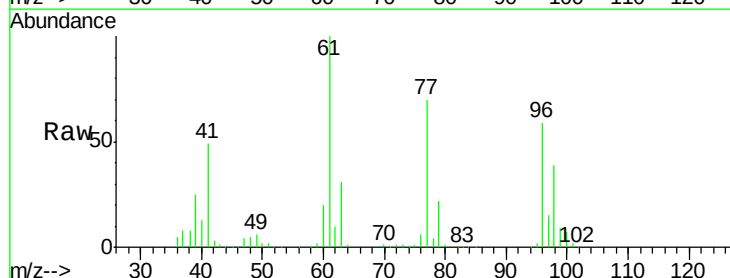
Acq: 26 Mar 2019 04:45

Tgt Ion: 77 Resp: 123272

Ion Ratio Lower Upper

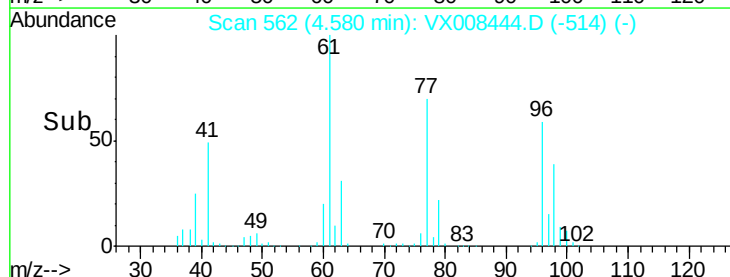
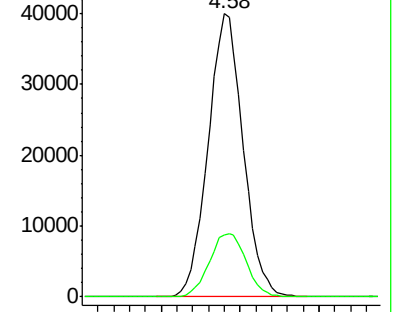
77 100

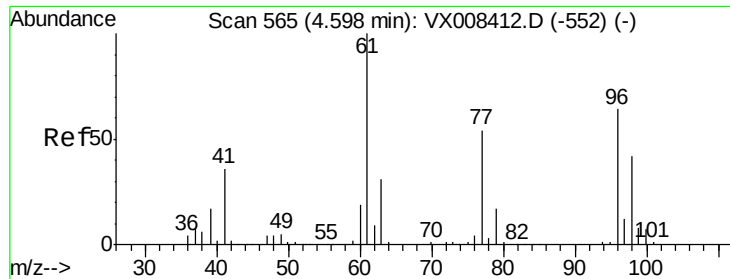
97 23.5 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

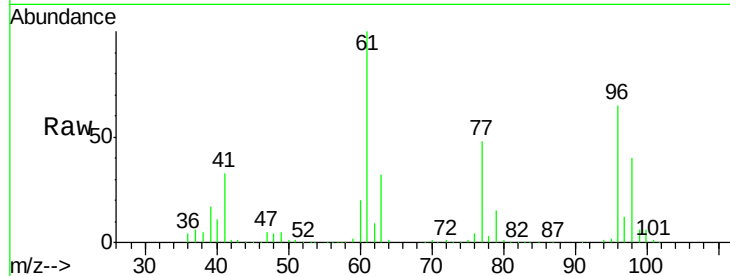
cis-1,2-Dichloroethene
Concen: 47.412 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	129734		
61	158.8	0.0	325.6	
98	65.1	0.0	130.0	

Manual Integrations
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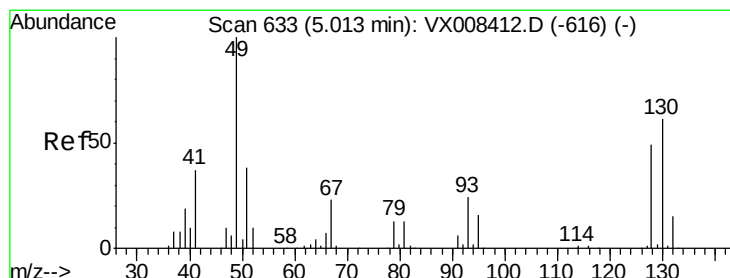
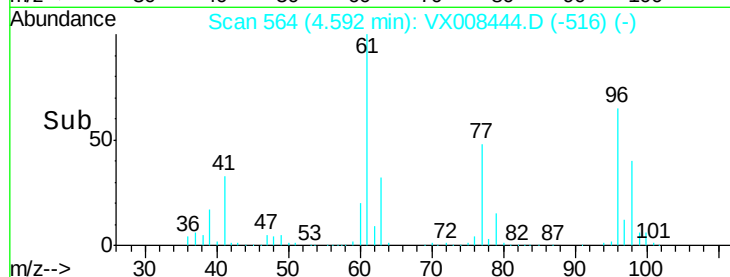
Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

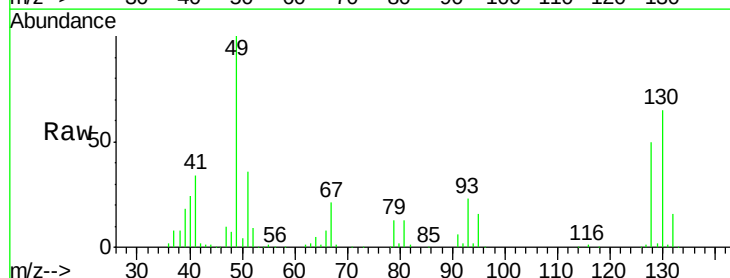
Time-->



#28

Bromochloromethane
Concen: 47.462 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	114915		
129	1.7	0.0	3.4	
130	63.3	49.8	74.6	



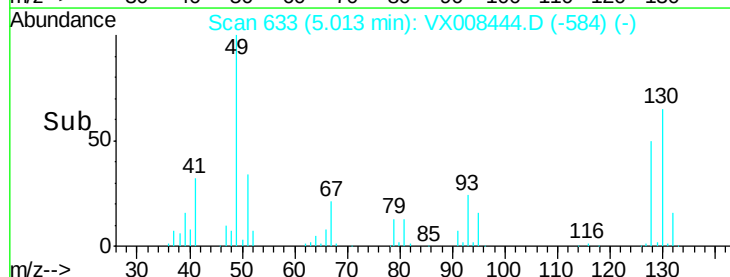
Abundance

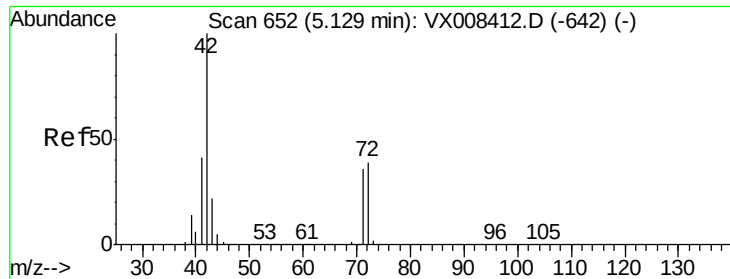
Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

Time-->





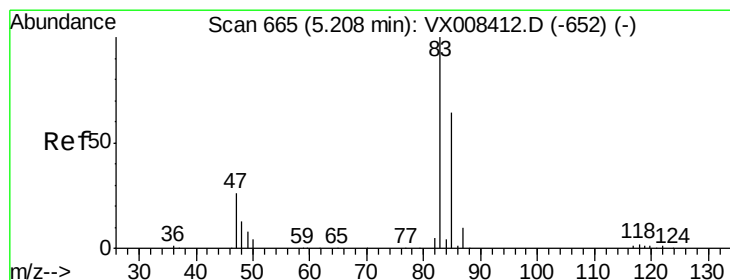
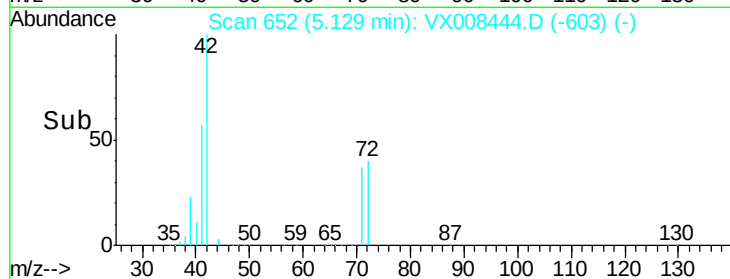
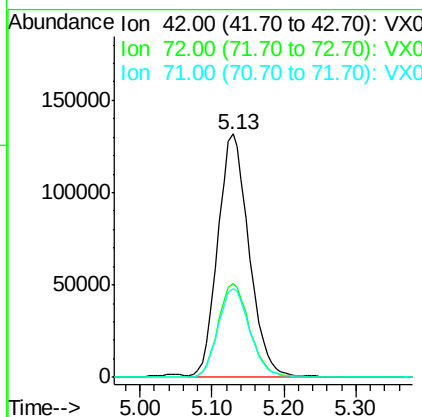
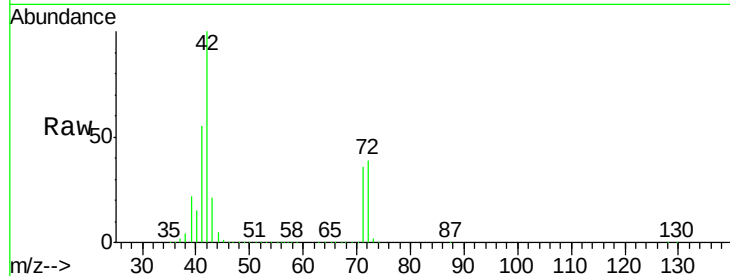
#29
Tetrahydrofuran
Concen: 245.729 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.4	31.4	47.2
71	37.0	29.4	44.2

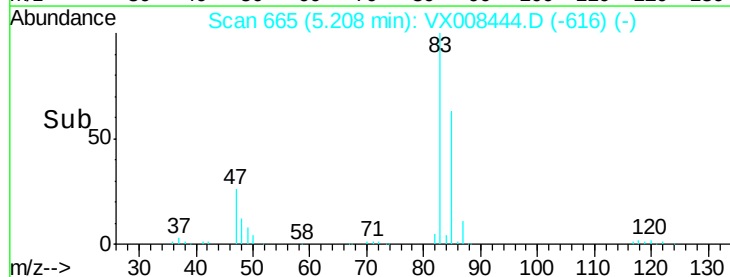
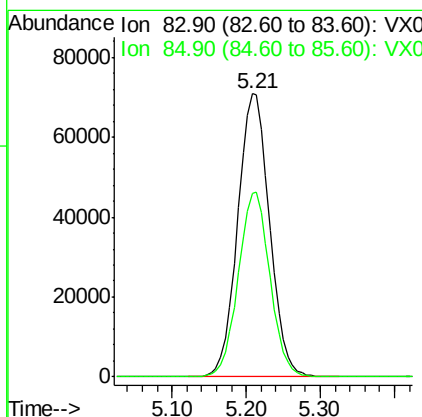
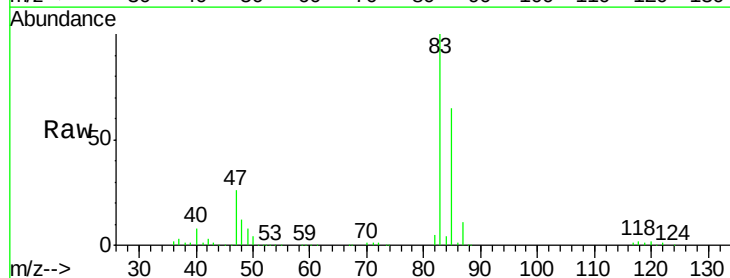
Manual Integrations
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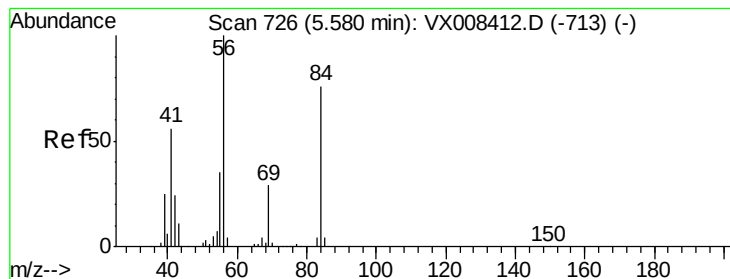
MMDadoda
3/27/2019 8:56:00 AM



#30
Chloroform
Concen: 48.161 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.4	77.2





#31

Cyclohexane

Concen: 46.568 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 217661

Ion Ratio Lower Upper

56 100

69 29.7 23.2 34.8

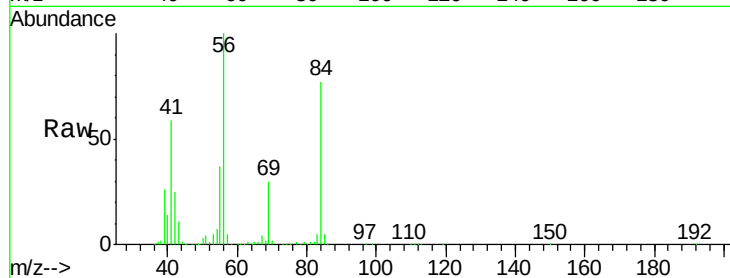
84 75.8 60.7 91.1

Manual Integrations

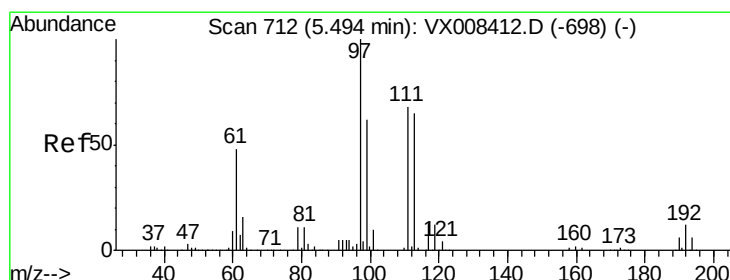
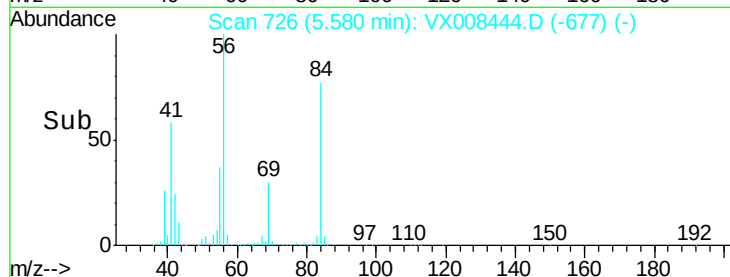
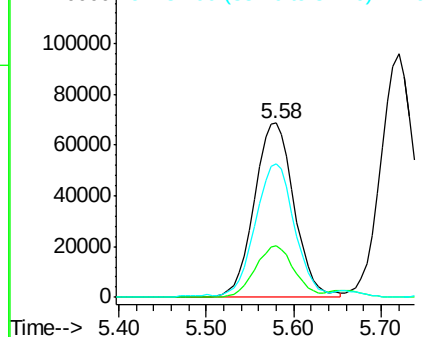
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Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 48.814 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

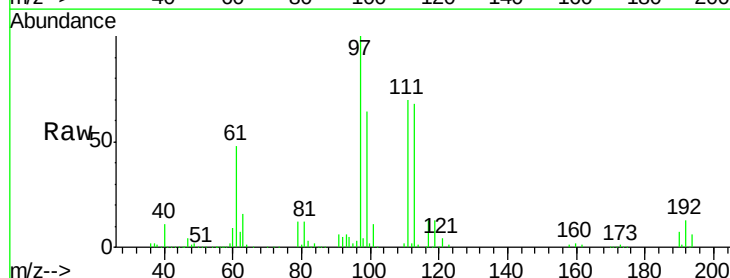
Tgt Ion: 97 Resp: 172570

Ion Ratio Lower Upper

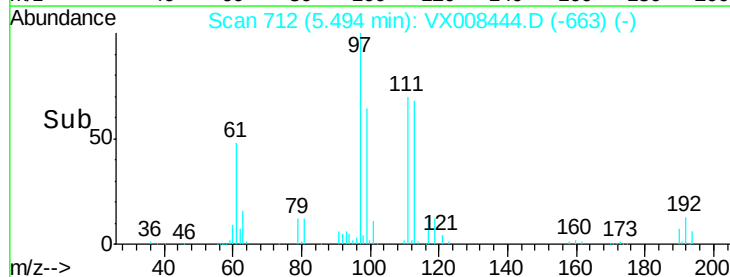
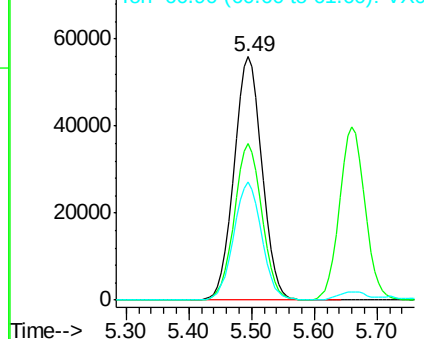
97 100

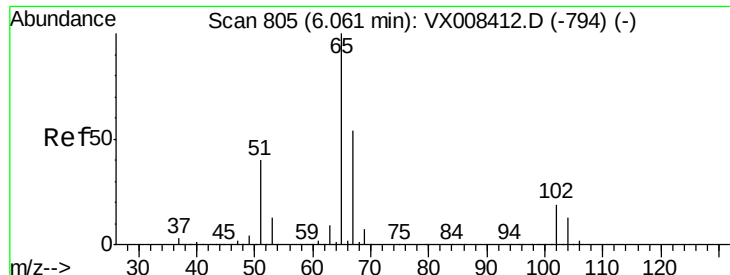
99 63.4 51.5 77.3

61 48.4 38.8 58.2



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





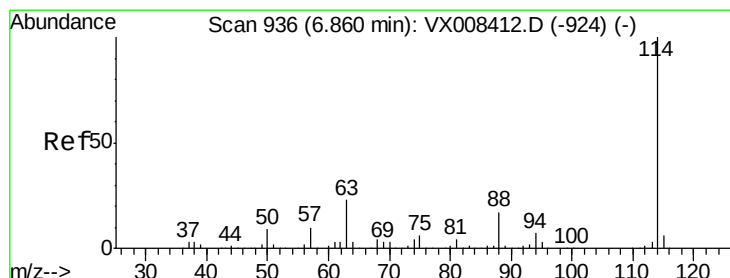
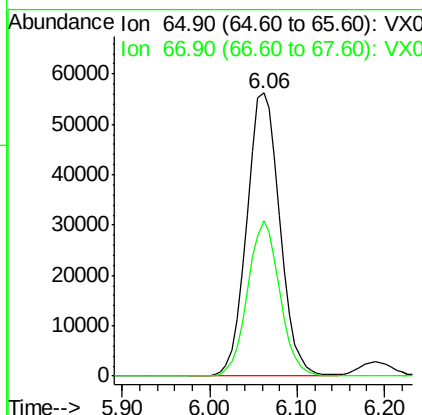
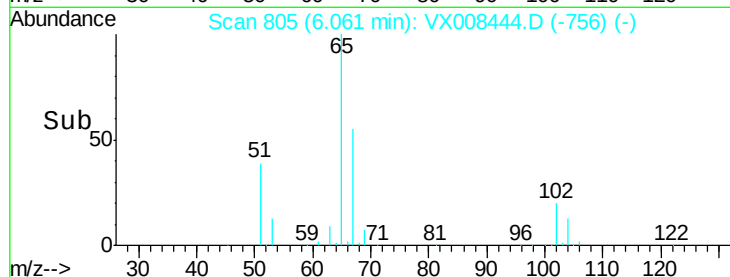
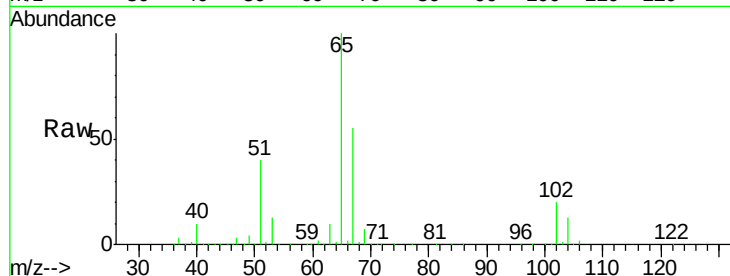
#33
 1,2-Dichloroethane-d4
 Concen: 50.777 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX008444.D
 Acq: 26 Mar 2019 04:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	109.4

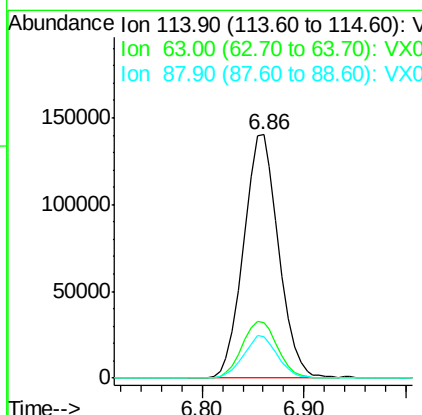
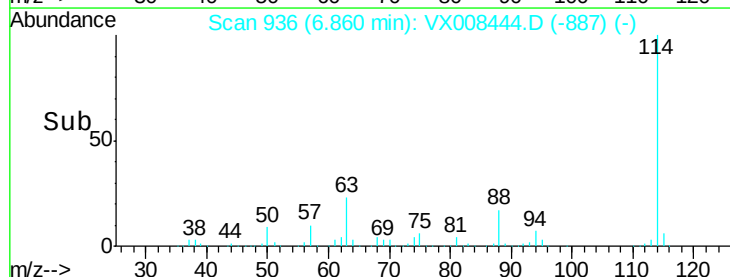
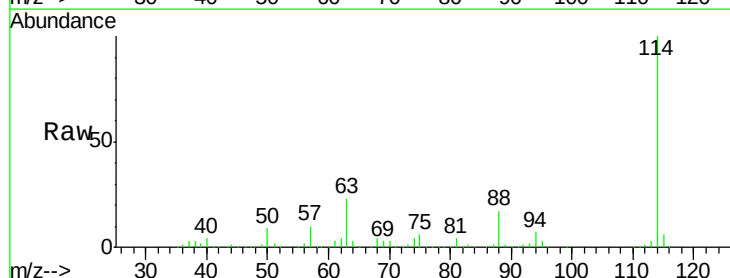
Manual Integrations
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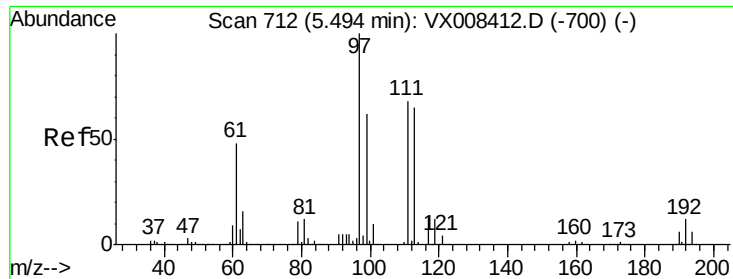
MMDadoda
 3/27/2019 8:56:00 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008444.D
 Acq: 26 Mar 2019 04:45

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	46.4
88	17.2	0.0	33.2





#35

Dibromofluoromethane

Concen: 50.709 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Instrument :

MSVOA_X

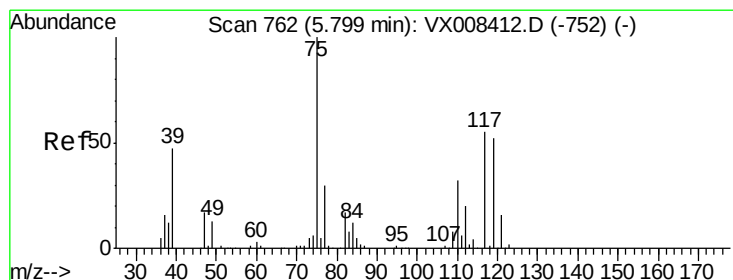
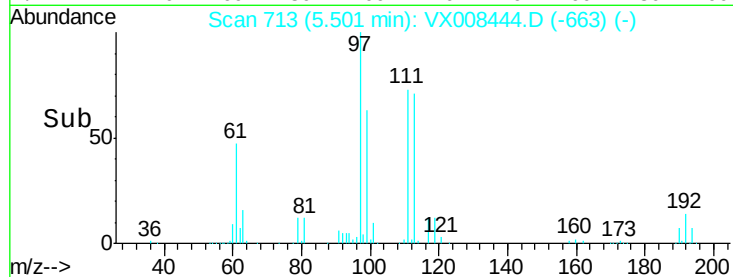
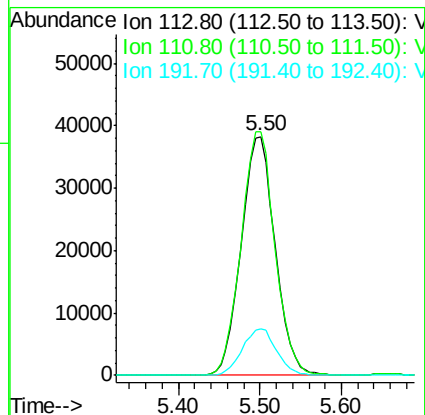
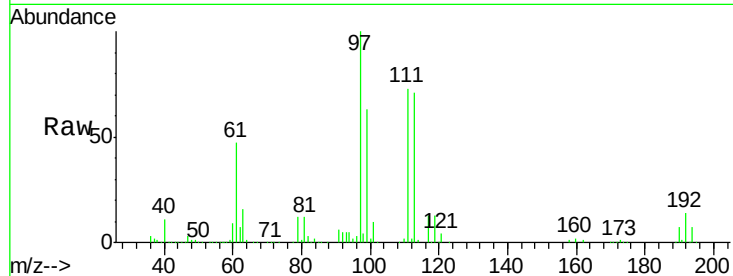
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	110676
Ion	Ratio	Lower	Upper
113	100		
111	101.5	83.0	124.4
192	19.7	15.6	23.4

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 45.070 ug/l

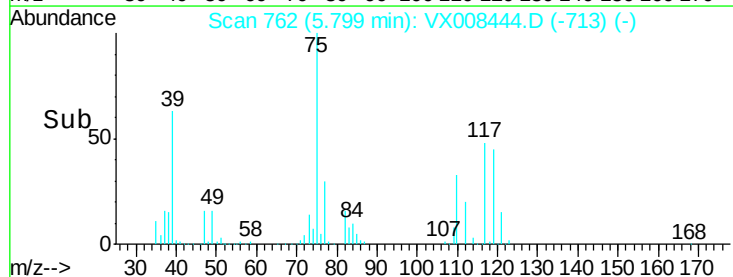
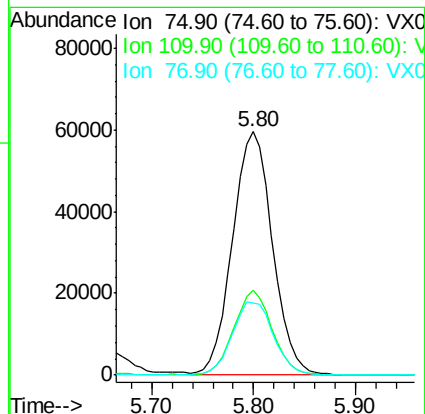
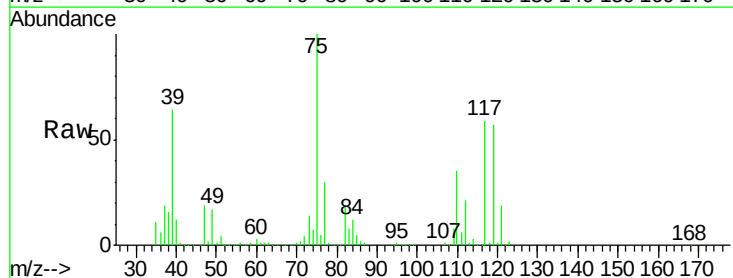
RT: 5.80 min Scan# 762

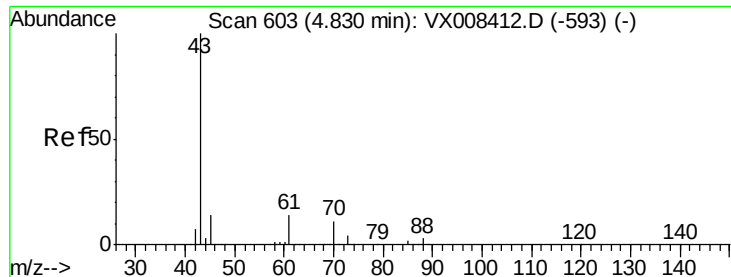
Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Tgt Ion:	75	Resp:	160852
Ion	Ratio	Lower	Upper
75	100		
110	33.9	16.6	49.7
77	31.4	24.2	36.2





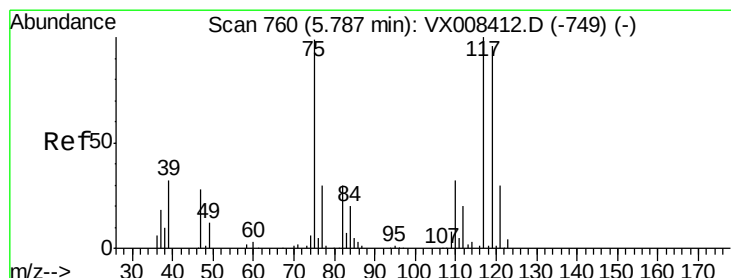
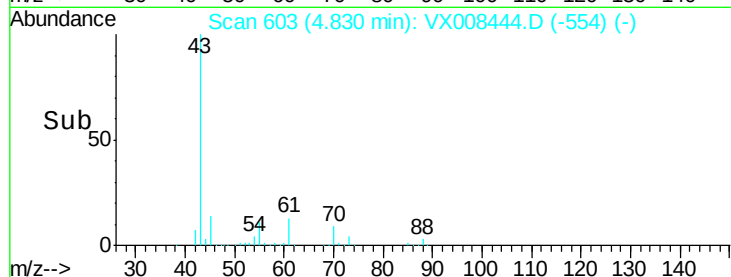
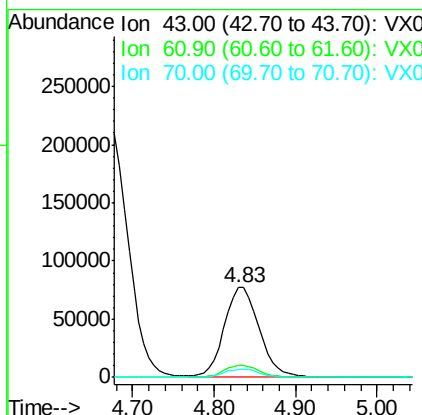
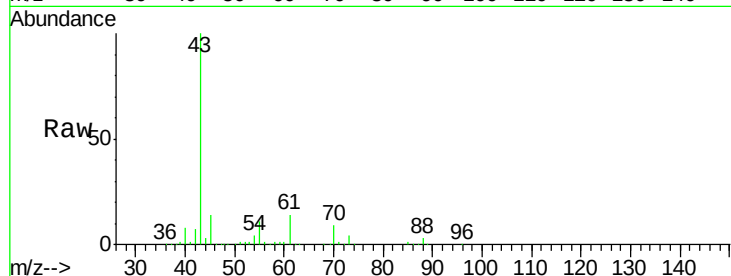
#37
Ethyl Acetate
Concen: 49.215 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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

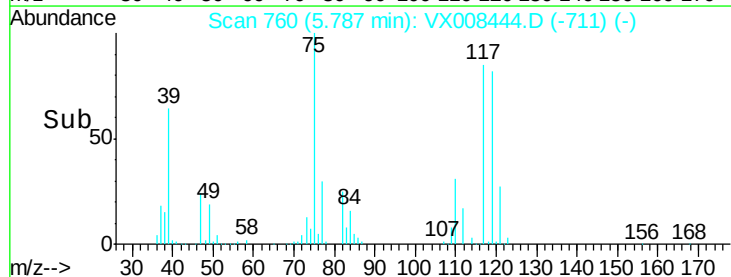
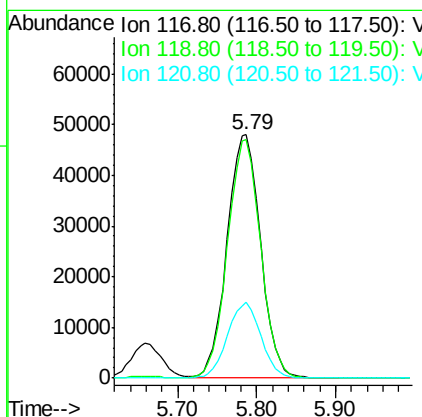
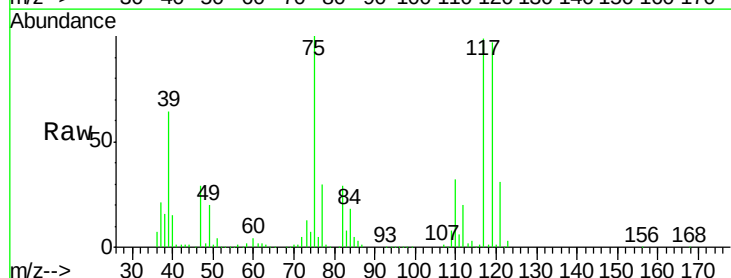
Manual Integrations
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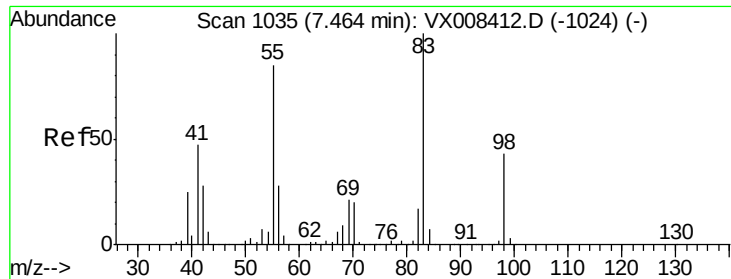
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3/27/2019 8:56:00 AM



#38
Carbon Tetrachloride
Concen: 47.749 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.8	76.7	115.1
121	31.0	24.3	36.5





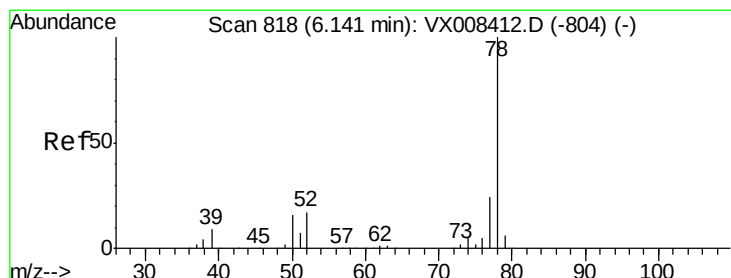
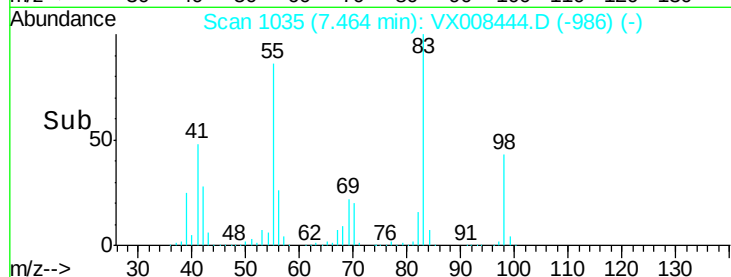
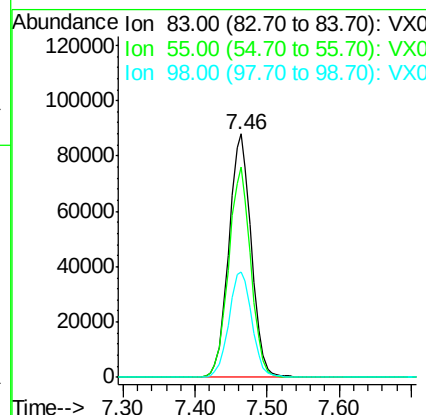
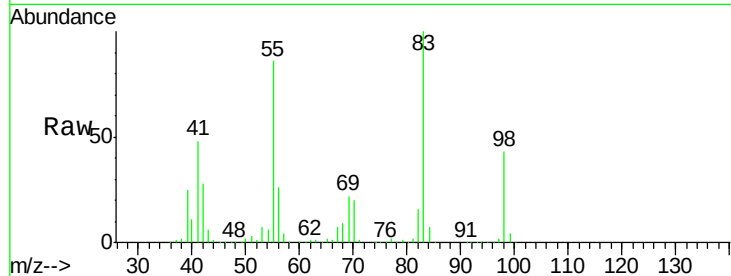
#39
Methylvlcyclohexane
Concen: 44.808 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	86.4	68.2	102.4
98	43.2	34.2	51.4

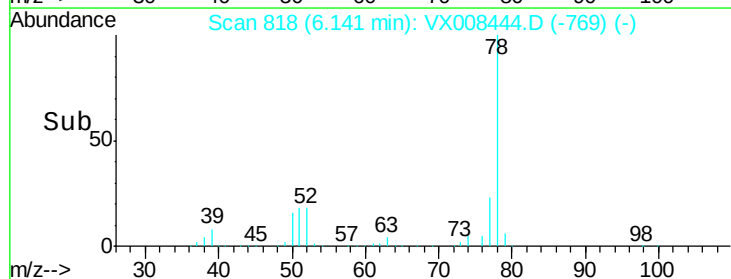
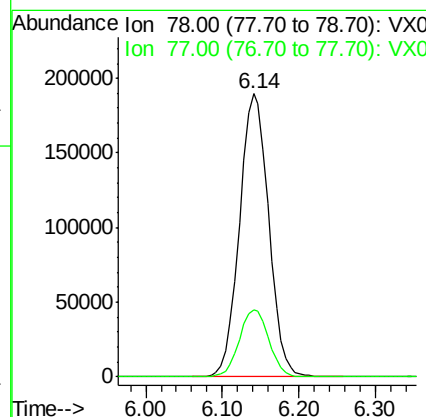
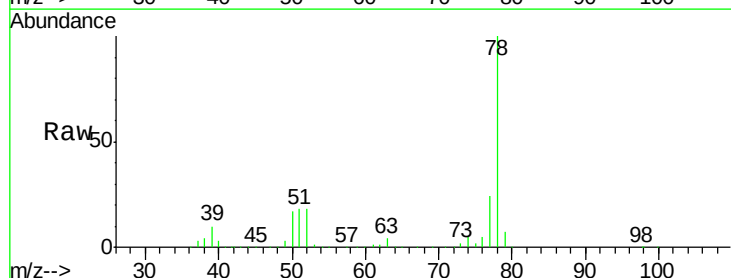
Manual Integrations
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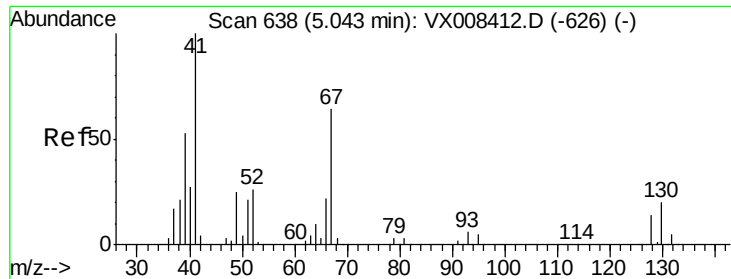
MMDadoda
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#40
Benzene
Concen: 46.904 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.3	28.9





#41

Methacrylonitrile

Concen: 49.724 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 129197

Ion Ratio Lower Upper

41 100

39 53.0 42.6 64.0

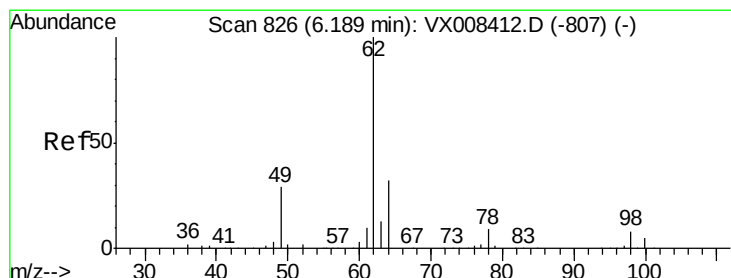
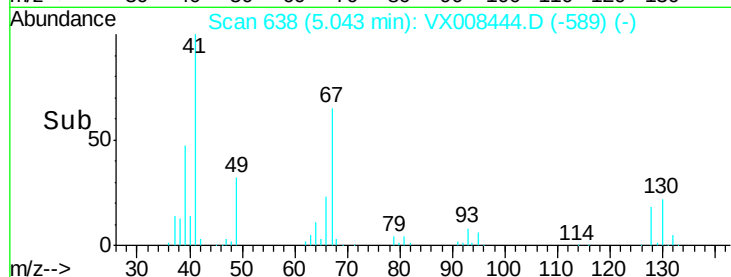
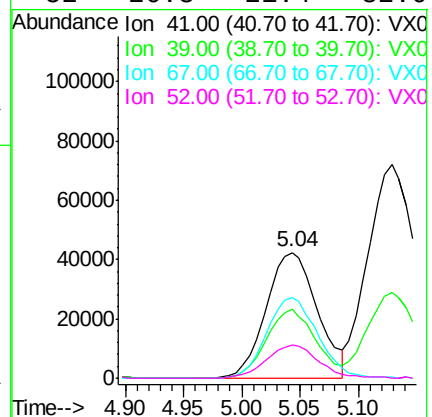
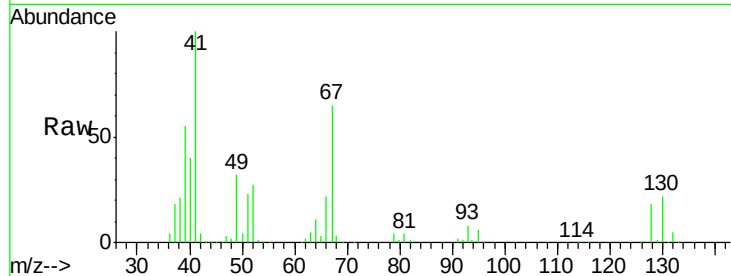
67 64.2 52.2 78.4

52 26.3 21.4 32.0

Manual Integrations
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3/27/2019 8:56:00 AM



#42

1,2-Dichloroethane

Concen: 46.208 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX008444.D

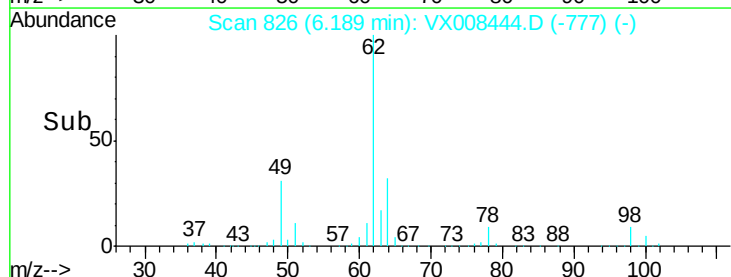
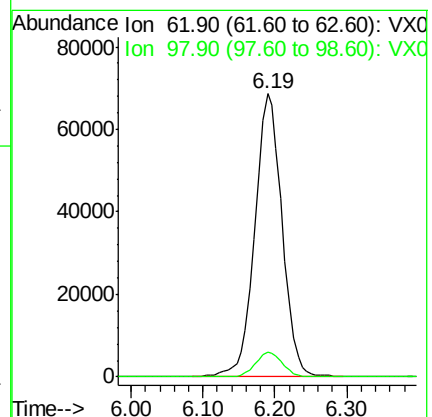
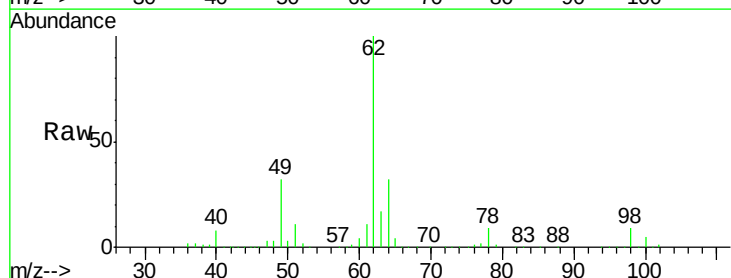
Acq: 26 Mar 2019 04:45

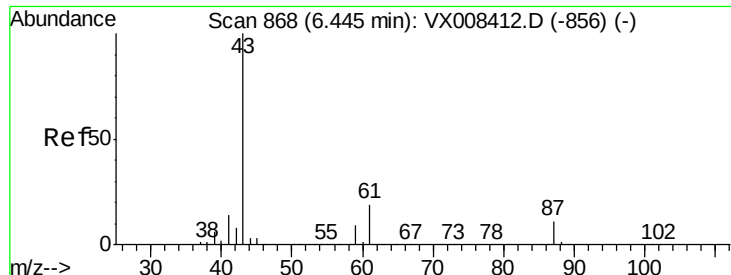
Tgt Ion: 62 Resp: 180765

Ion Ratio Lower Upper

62 100

98 8.6 0.0 17.6





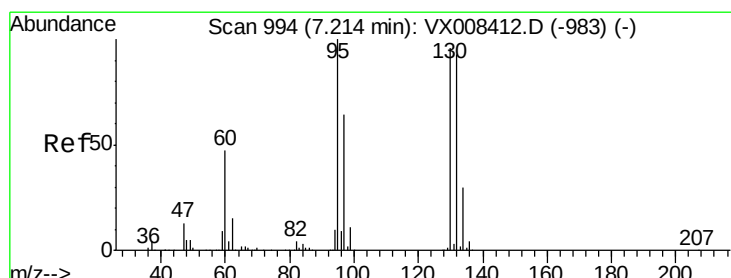
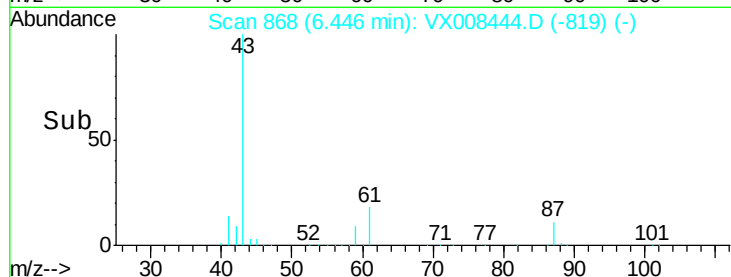
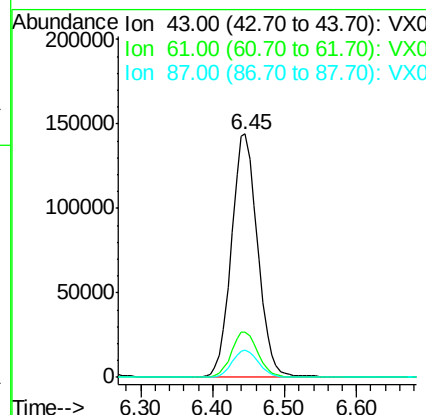
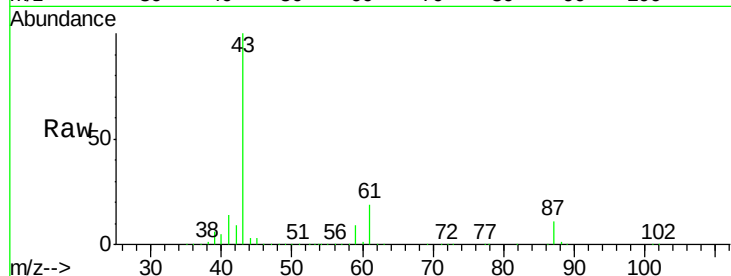
#43
Isopropyl Acetate
Concen: 49.164 ug/l
RT: 6.45 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.4	23.2
87	11.3	9.1	13.7

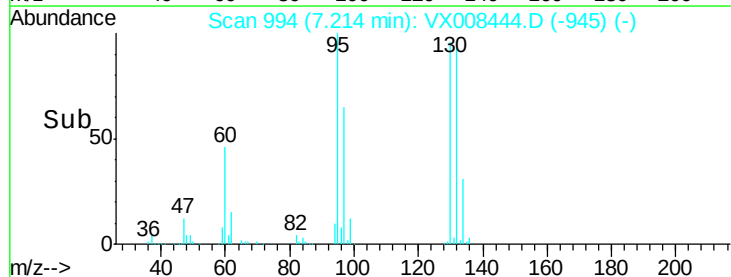
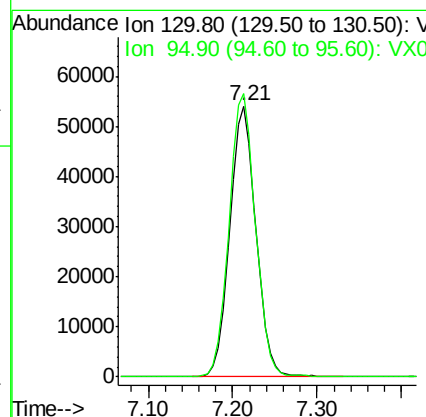
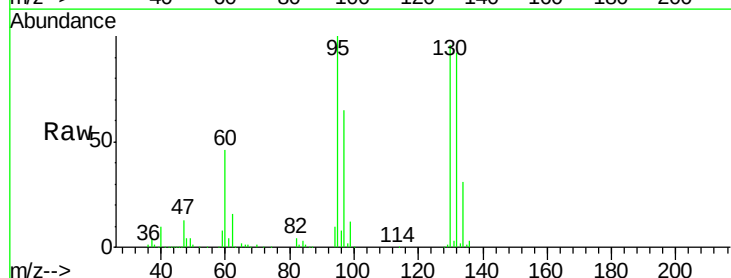
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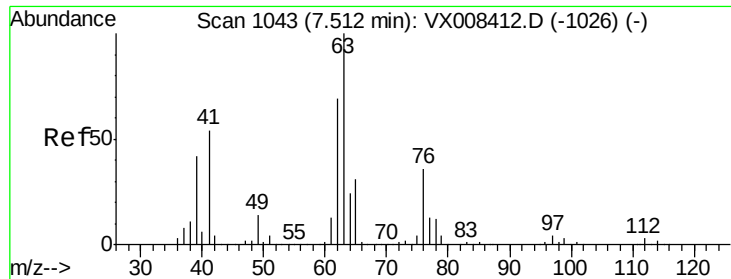
MMDadoda
3/27/2019 8:56:00 AM



#44
Trichloroethene
Concen: 45.625 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.5	0.0	208.8





#45

1,2-Dichloropropane

Concen: 47.305 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 143664

Ion Ratio Lower Upper

63 100

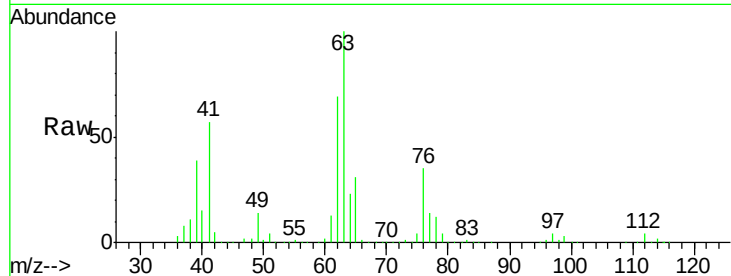
65 30.8 25.1 37.7

Manual Integrations

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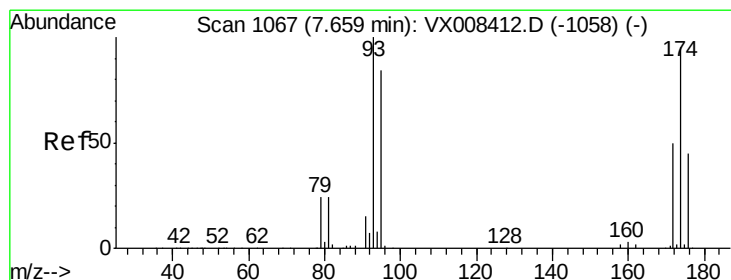
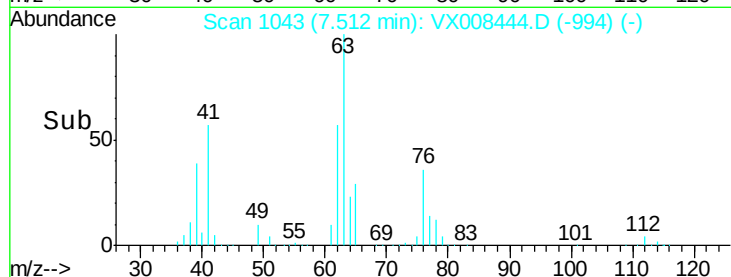
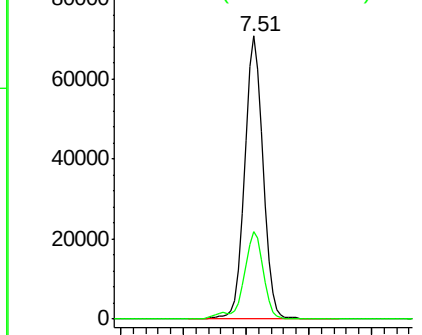
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 46.675 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

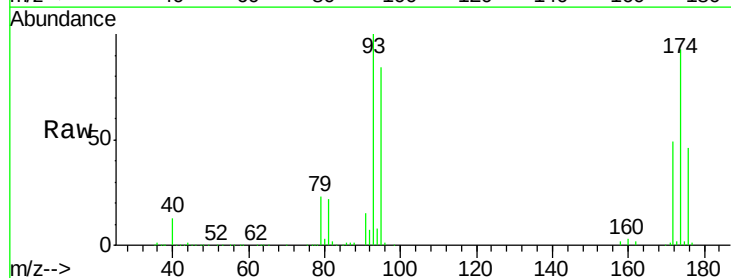
Tgt Ion: 93 Resp: 82775

Ion Ratio Lower Upper

93 100

95 83.6 67.0 100.6

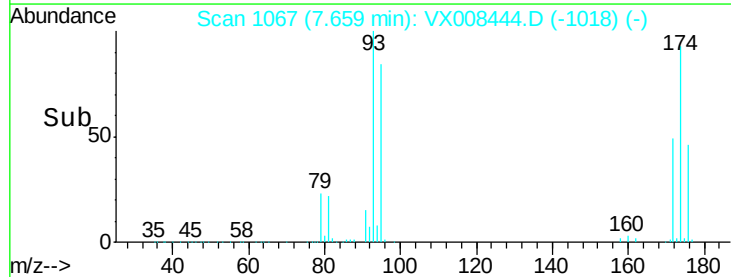
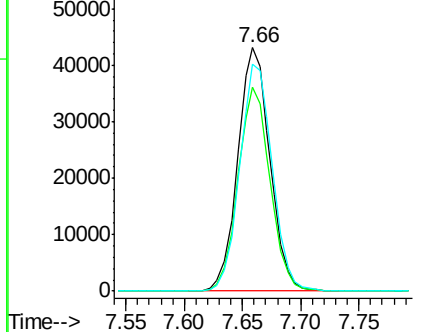
174 94.6 76.0 114.0

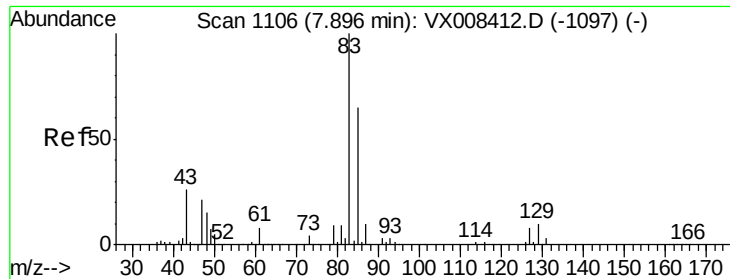


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





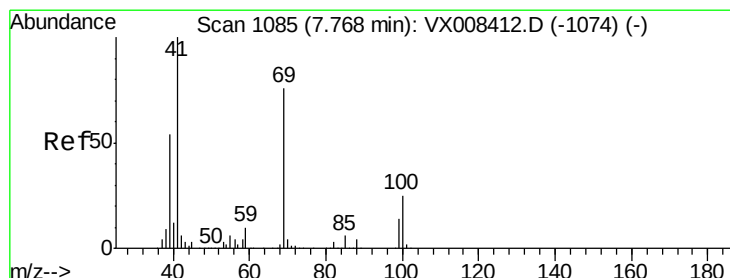
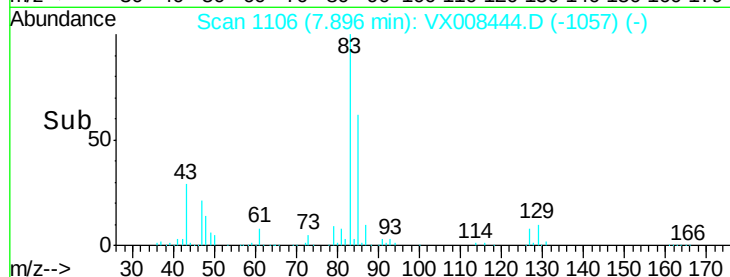
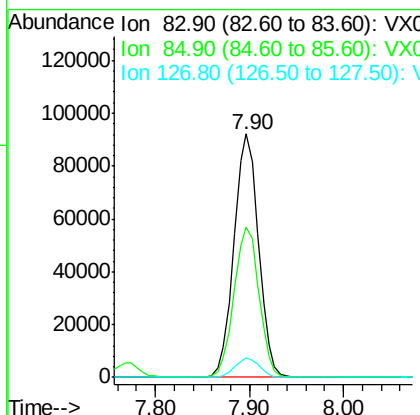
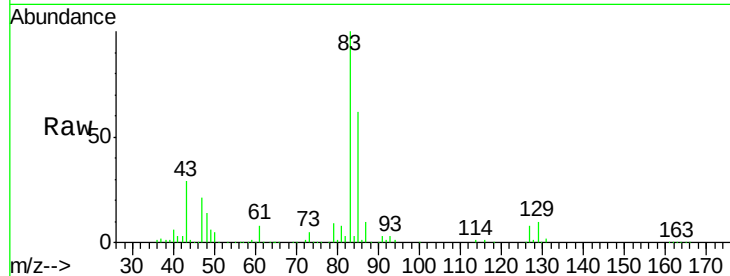
#47
Bromodichloromethane
Concen: 49.238 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	167137
Ion Ratio	100	Lower	Upper
83	100		
85	61.9	52.0	78.0
127	8.2	6.4	9.6

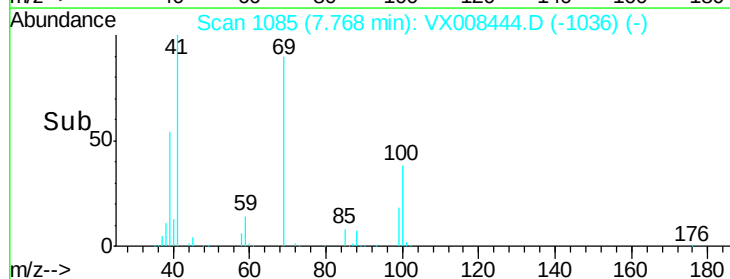
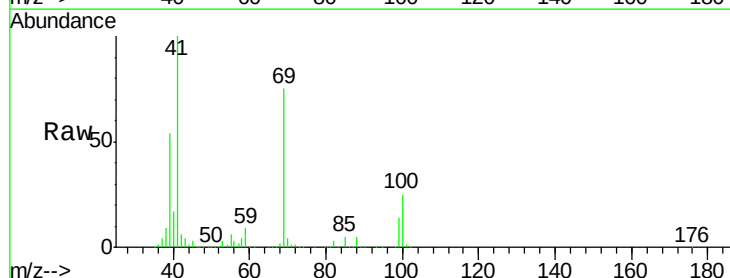
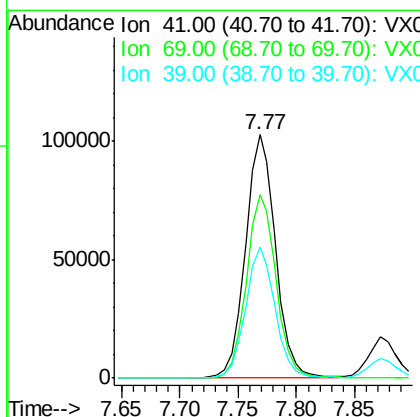
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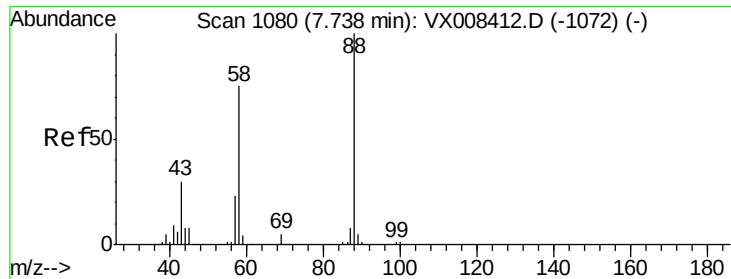
MMDadoda
3/27/2019 8:56:00 AM



#48
Methyl methacrylate
Concen: 49.645 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

Tgt Ion	41	Resp	183703
Ion Ratio	100	Lower	Upper
41	100		
69	75.3	60.8	91.2
39	53.0	42.3	63.5





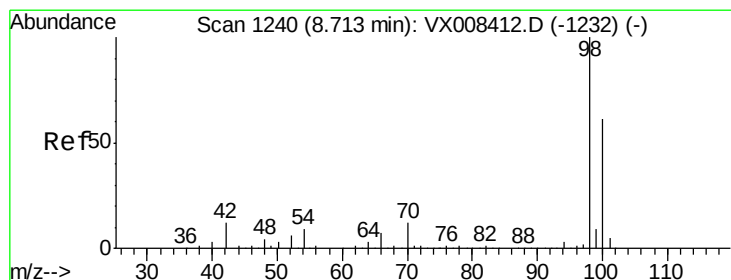
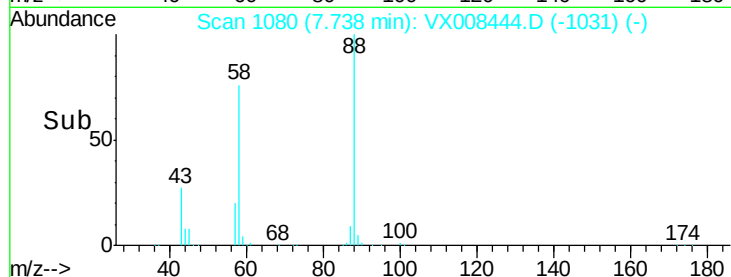
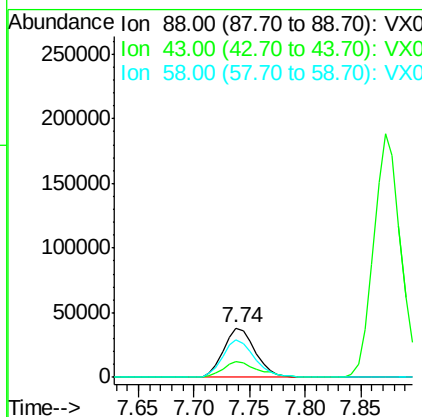
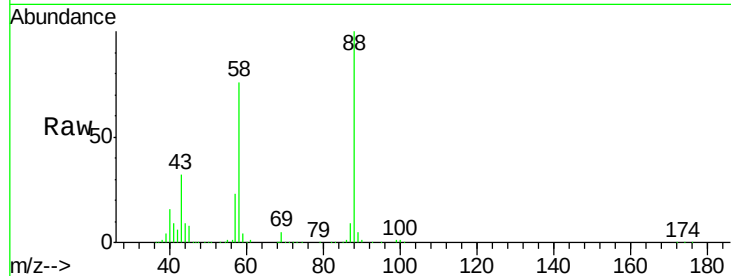
#49
1,4-Dioxane
Concen: 1023.851 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.7	28.6	43.0
58	77.2	63.0	94.4

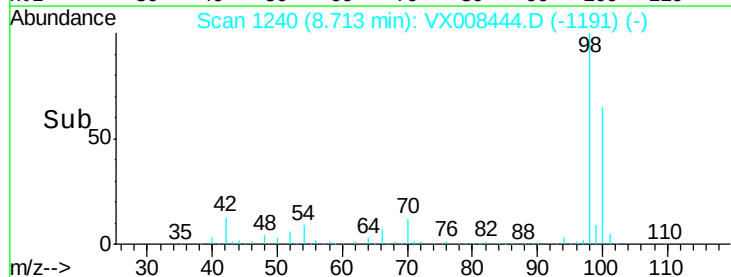
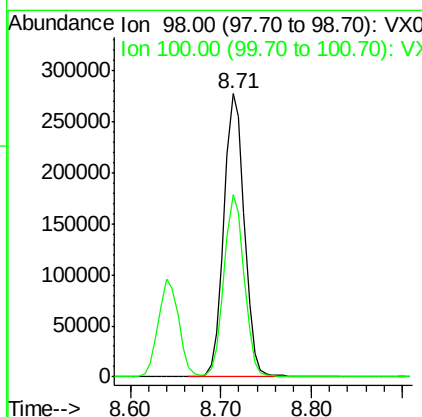
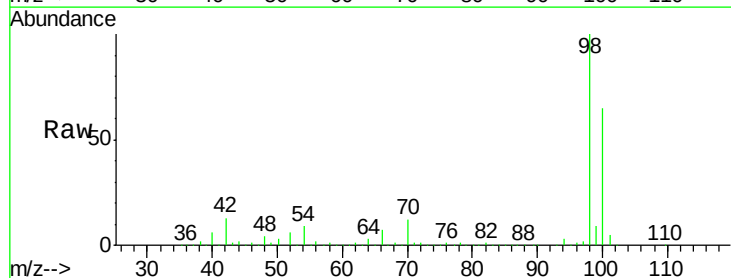
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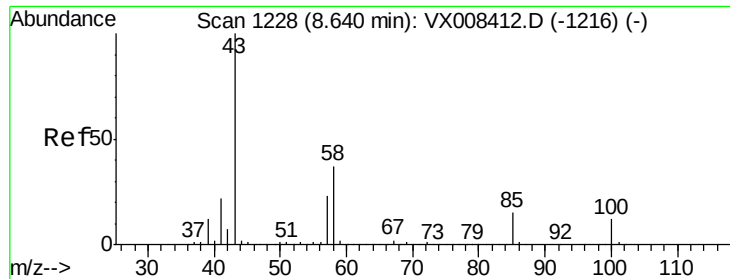
MMDadoda
3/27/2019 8:56:00 AM



#50
Toluene-d8
Concen: 50.181 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.1	76.7





#51

4-Methyl-2-Pentanone

Concen: 252.152 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1211171

Ion Ratio Lower Upper

43 100

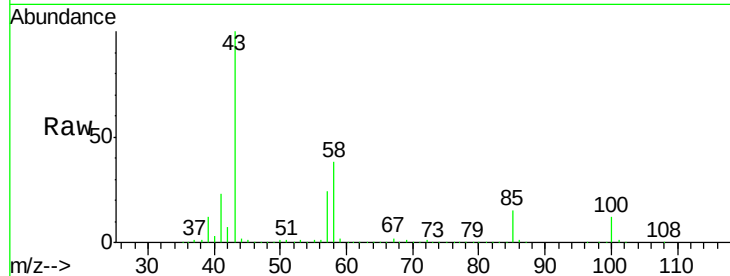
58 37.6 29.8 44.8

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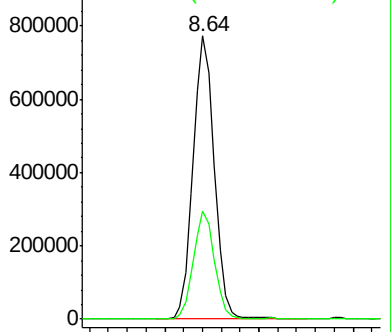
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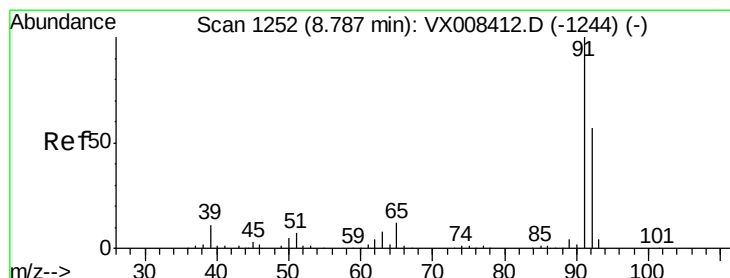
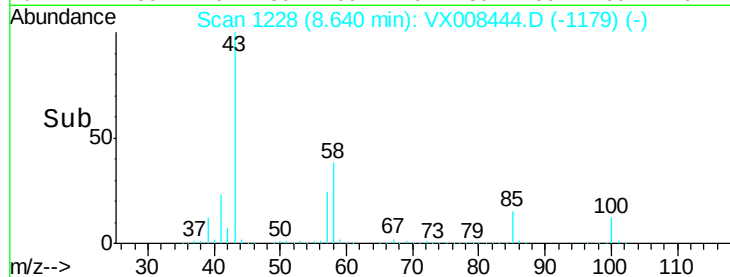


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#52

Toluene

Concen: 47.568 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008444.D

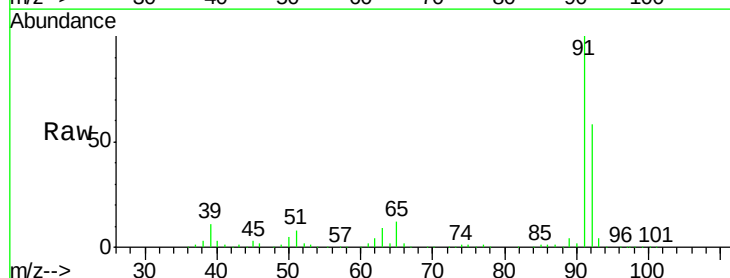
Acq: 26 Mar 2019 04:45

Tgt Ion: 92 Resp: 303895

Ion Ratio Lower Upper

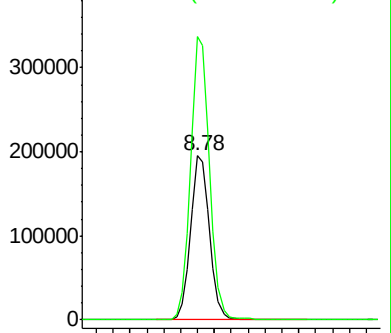
92 100

91 173.1 140.2 210.4

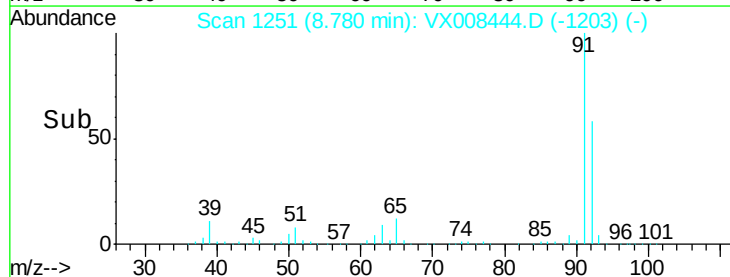


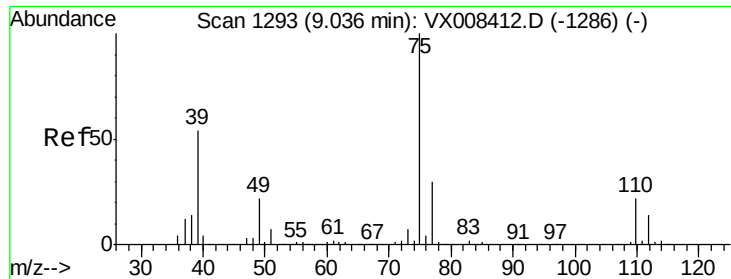
Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->





#53

t-1,3-Dichloropropene

Concen: 48.166 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 179082

Ion Ratio Lower Upper

75 100

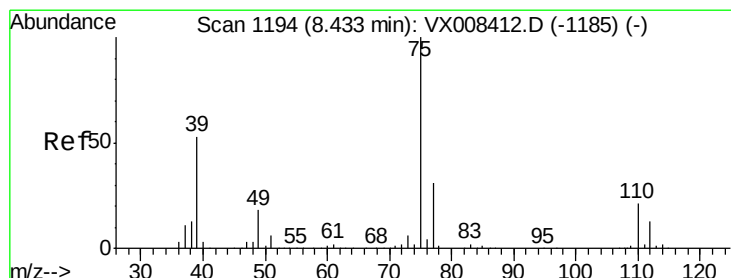
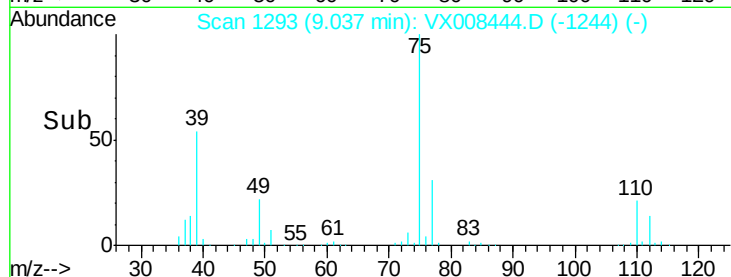
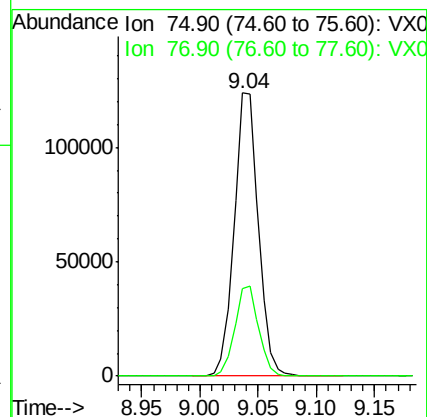
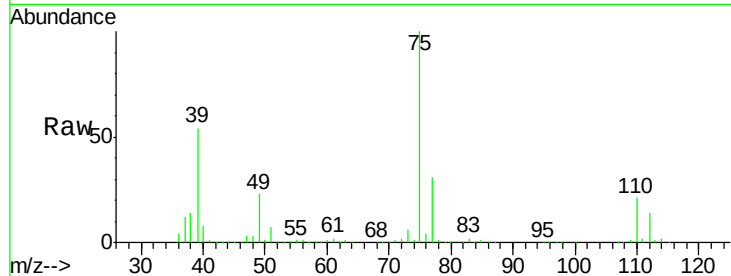
77 31.1 24.3 36.5

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#54

cis-1,3-Dichloropropene

Concen: 47.721 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

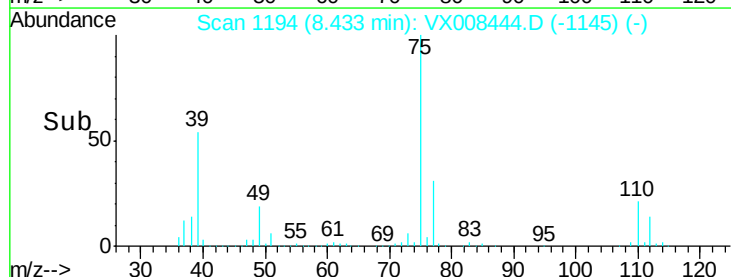
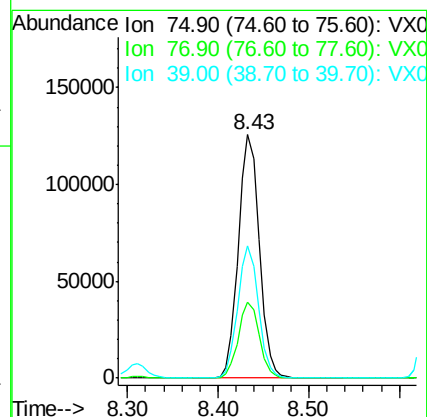
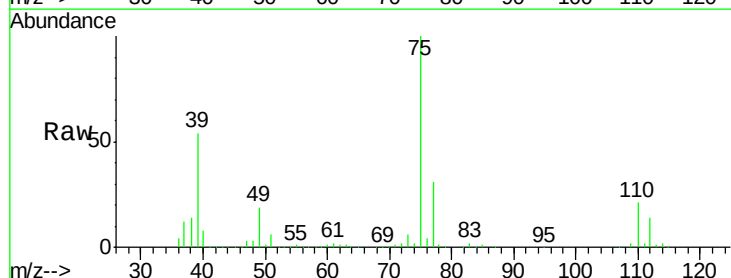
Tgt Ion: 75 Resp: 201758

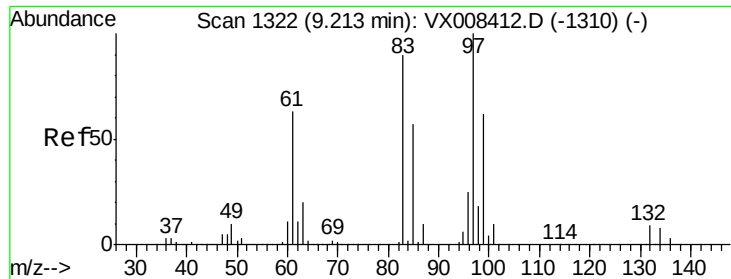
Ion Ratio Lower Upper

75 100

77 31.4 24.7 37.1

39 54.0 42.4 63.6





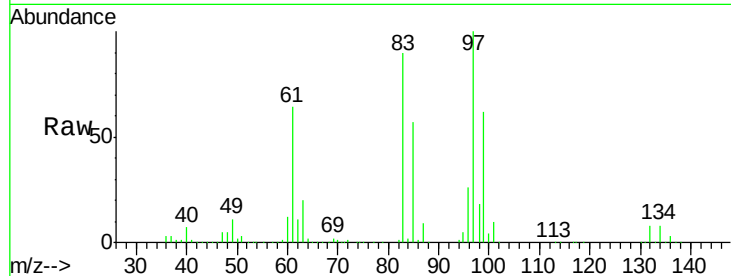
#55
 1,1,2-Trichloroethane
 Concen: 47.728 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008444.D
 Acq: 26 Mar 2019 04:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

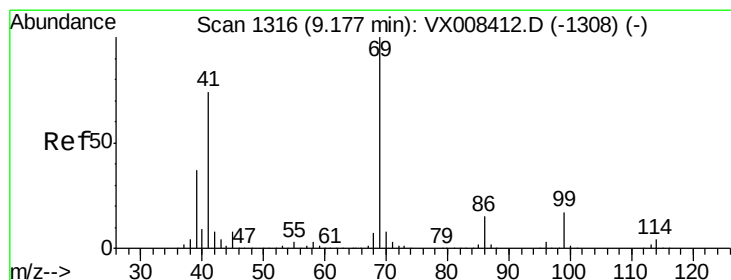
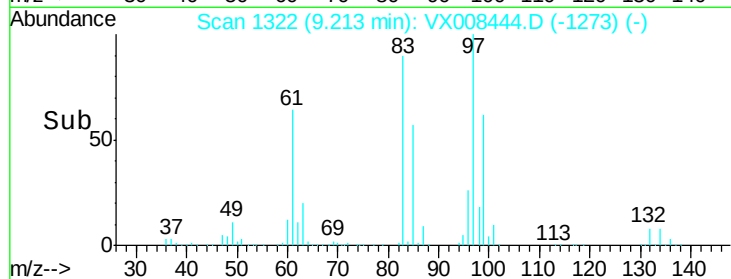
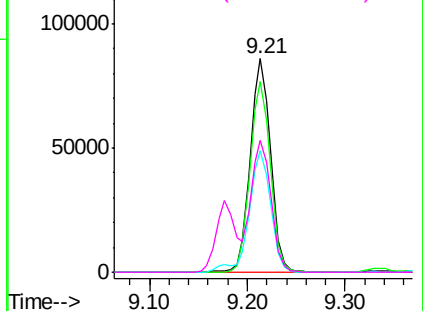
Tot Ion:	97	Resp:	124121
Ion	Ratio	Lower	Upper
97	100		
83	89.6	71.8	107.6
85	56.8	45.9	68.9
99	61.8	49.4	74.0

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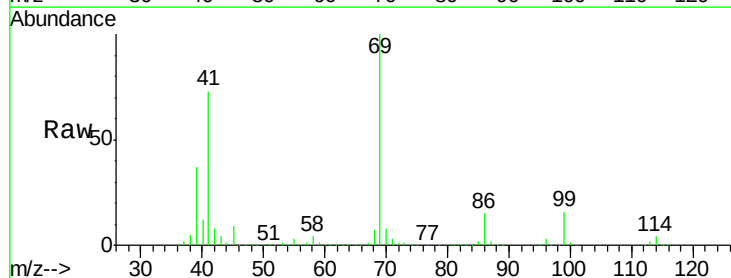


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

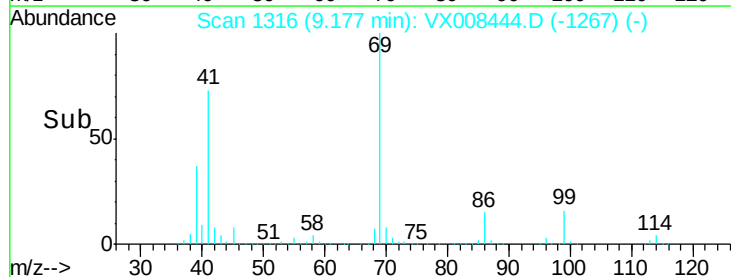
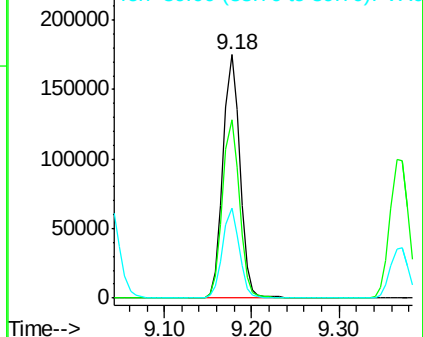


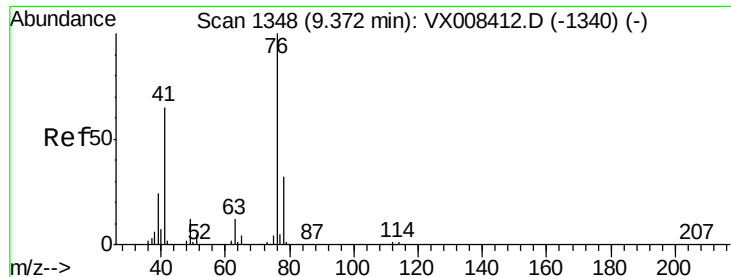
#56
 Ethyl methacrylate
 Concen: 50.096 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008444.D
 Acq: 26 Mar 2019 04:45

Tgt Ion:	69	Resp:	235167
Ion	Ratio	Lower	Upper
69	100		
41	73.6	59.5	89.3
39	36.4	29.3	43.9



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





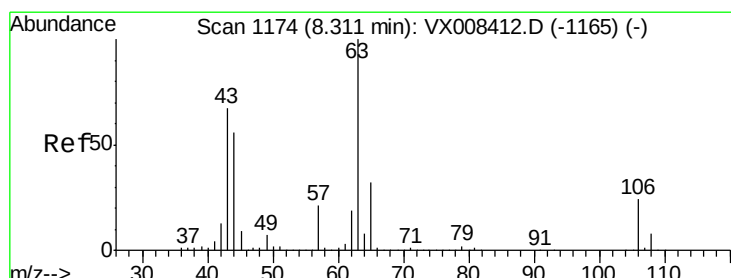
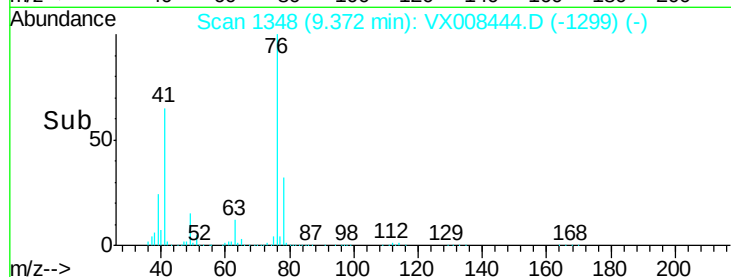
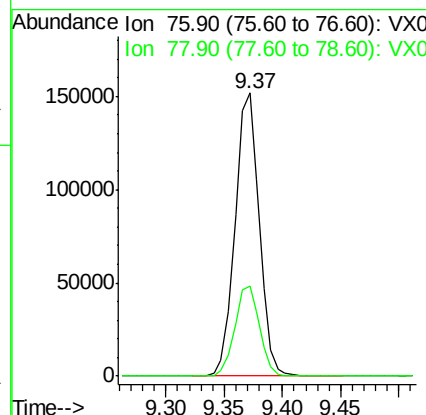
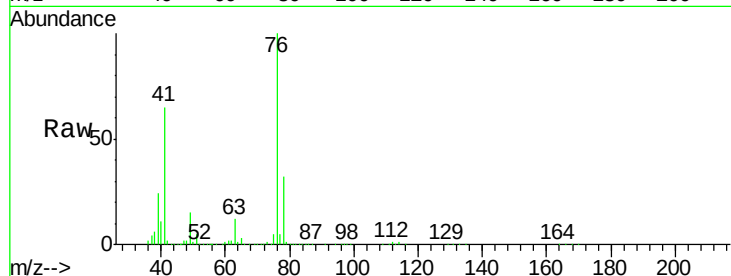
#57
 1,3-Dichloropropane
 Concen: 47.105 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX008444.D
 Acq: 26 Mar 2019 04:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.8	38.8

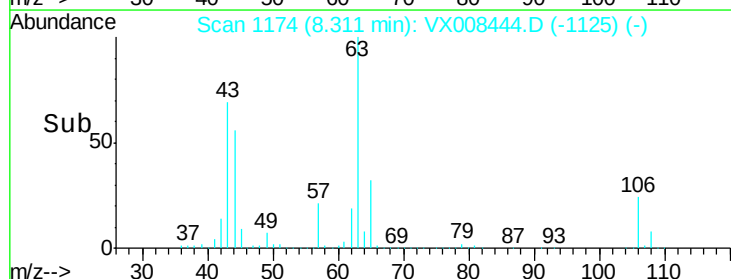
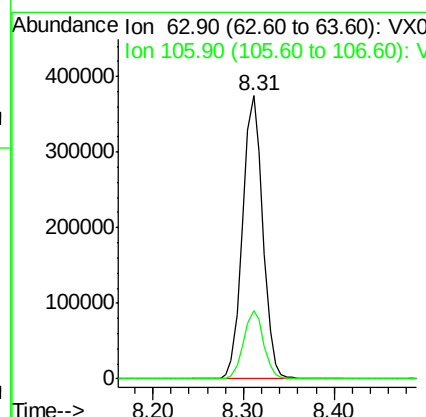
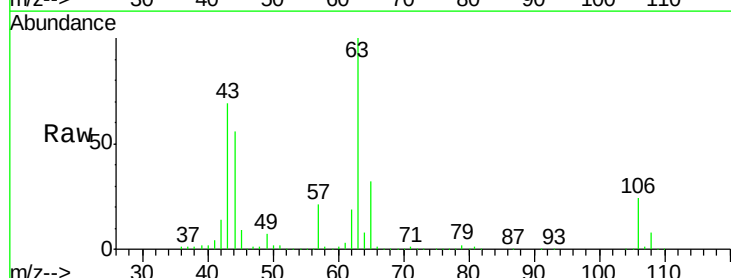
Manual Integrations
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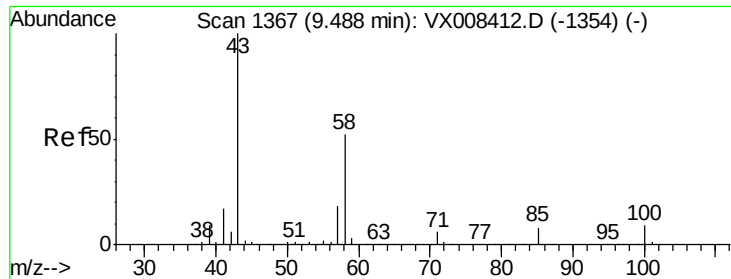
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#58
 2-Chloroethyl Vinyl ether
 Concen: 238.441 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX008444.D
 Acq: 26 Mar 2019 04:45

Tgt Ion	Ratio	Lower	Upper
63	100		
106	24.0	19.0	28.6





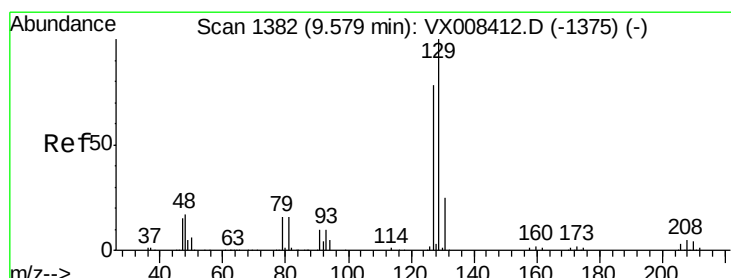
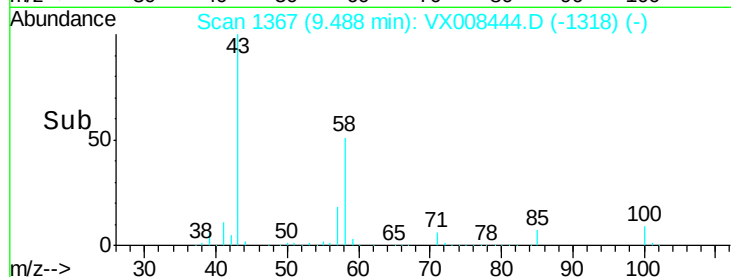
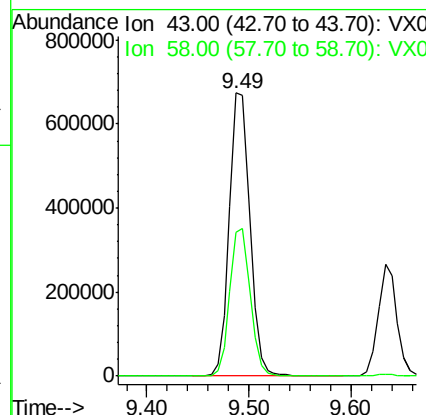
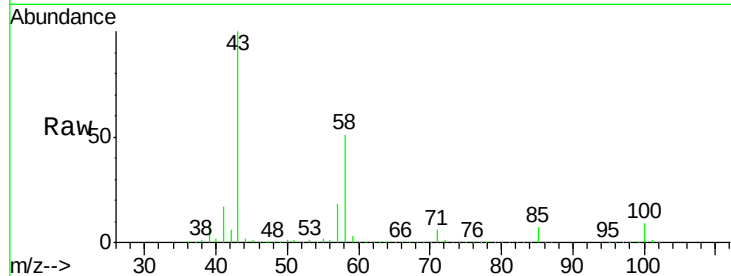
#59
2-Hexanone
Concen: 254.425 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 946942
Ion Ratio Lower Upper
43 100
58 52.1 26.3 78.9

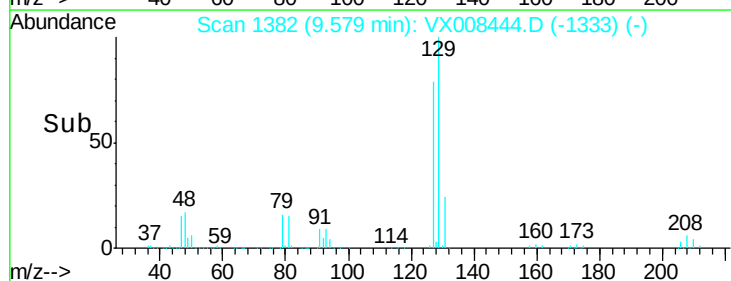
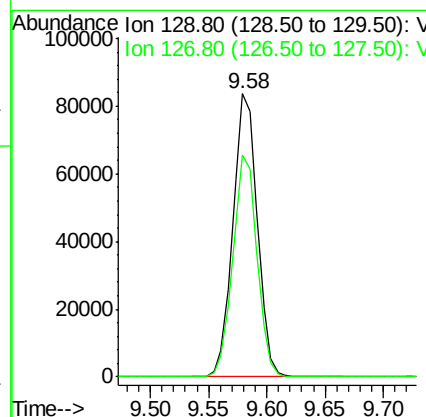
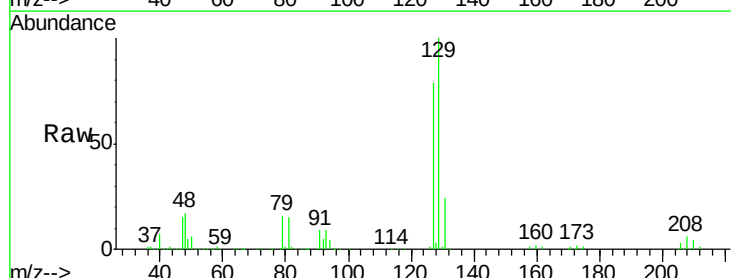
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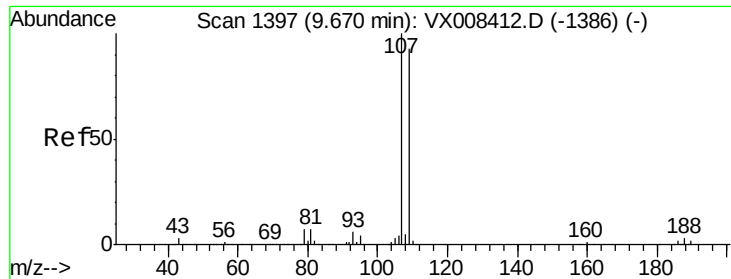
MMDadoda
3/27/2019 8:56:00 AM



#60
Dibromochloromethane
Concen: 49.373 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

Tgt Ion: 129 Resp: 122110
Ion Ratio Lower Upper
129 100
127 77.6 38.1 114.3





#61

1,2-Dibromoethane

Concen: 48.067 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 127567

Ion Ratio Lower Upper

107 100

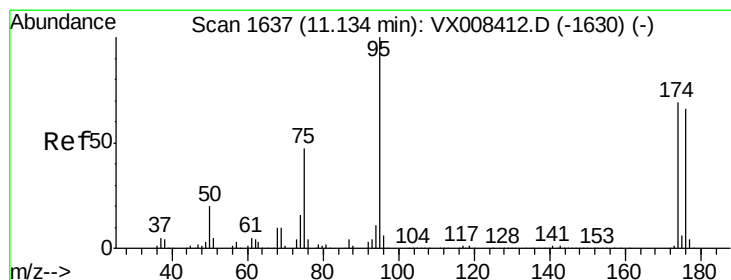
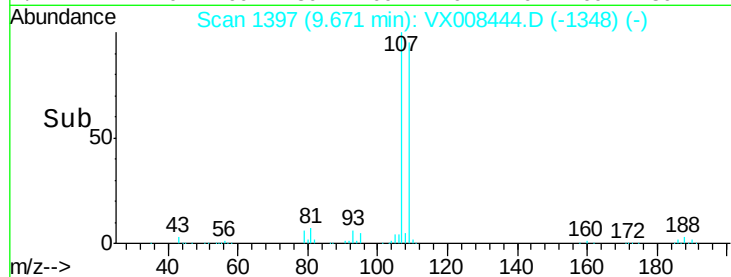
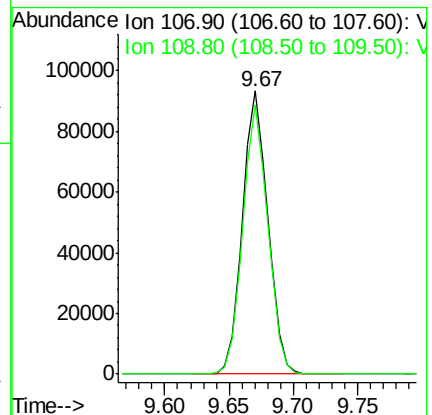
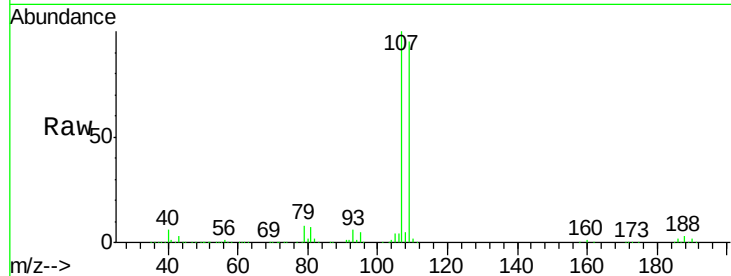
109 94.3 74.6 111.8

Manual Integrations

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MMDadoda

3/27/2019 8:56:00 AM



#62

4-Bromofluorobenzene

Concen: 50.486 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

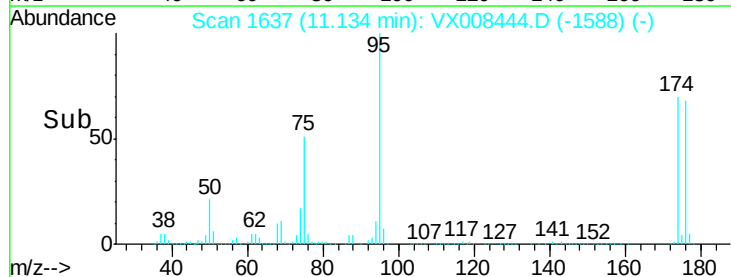
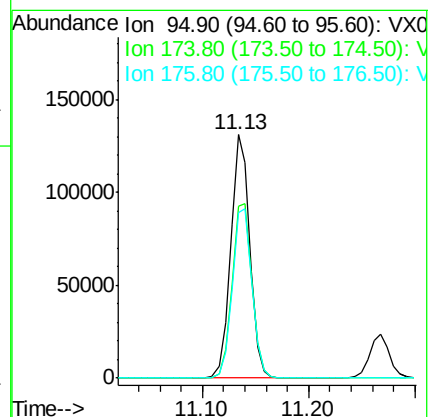
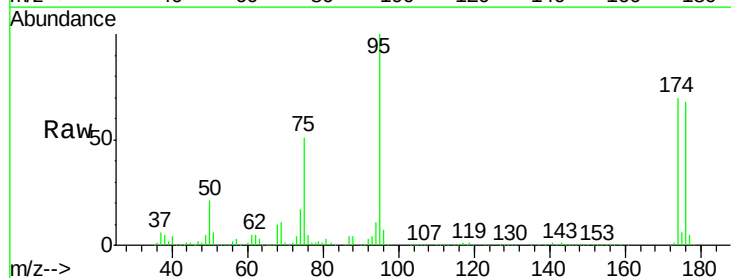
Tgt Ion: 95 Resp: 163273

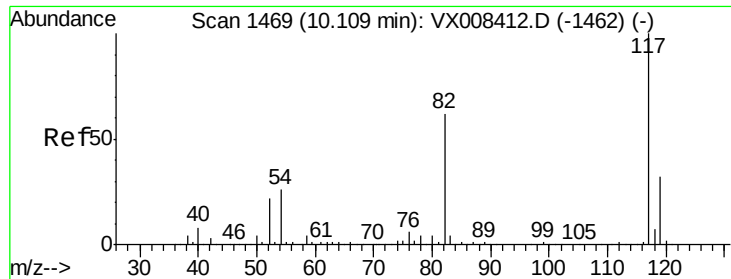
Ion Ratio Lower Upper

95 100

174 74.8 0.0 147.2

176 72.5 0.0 142.4





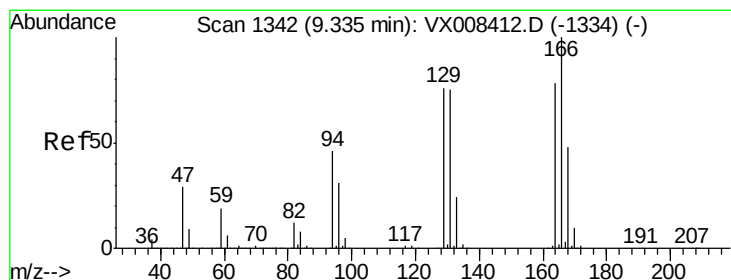
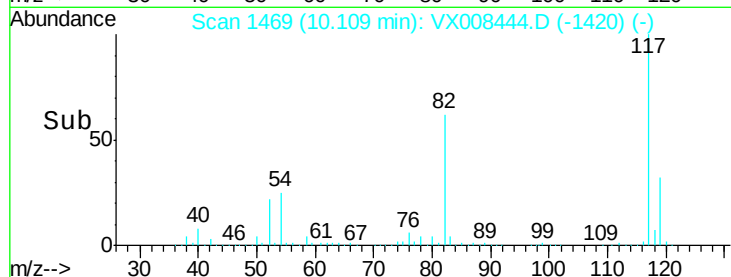
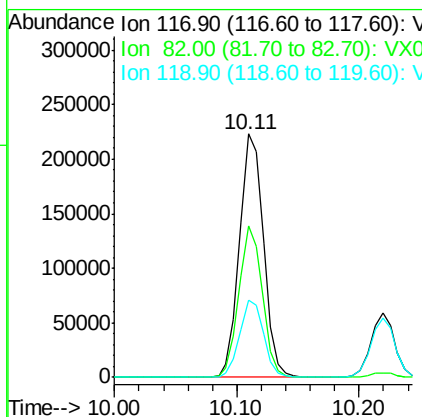
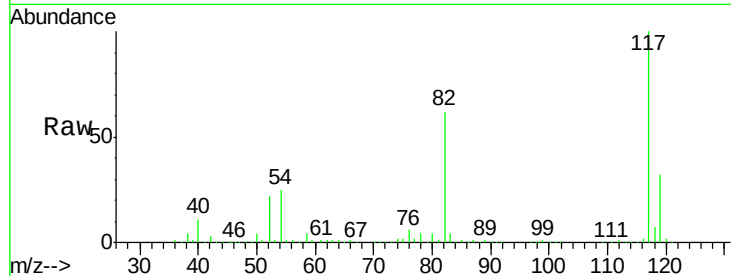
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	62.1	49.4	74.2
119	31.9	25.4	38.0

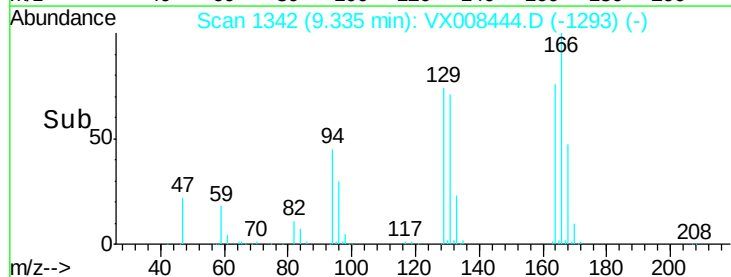
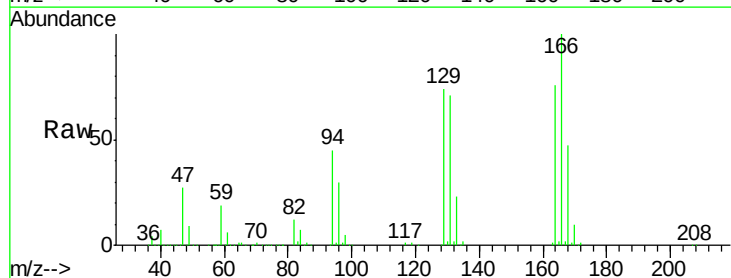
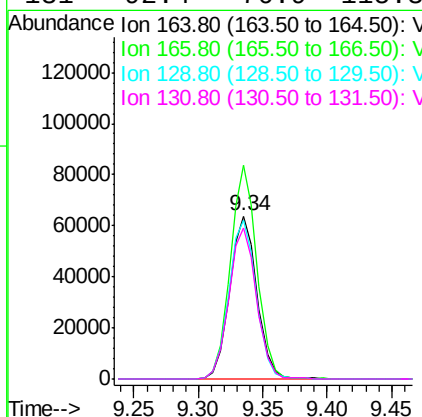
Manual Integrations
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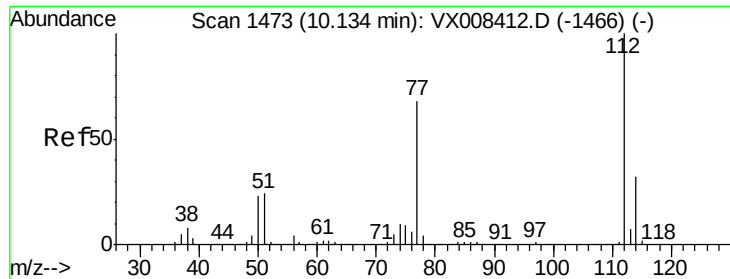
MMDadoda
3/27/2019 8:56:00 AM



#64
Tetrachloroethene
Concen: 45.965 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.9	102.5	153.7
129	97.2	77.8	116.8
131	92.4	76.9	115.3





#65

Chlorobenzene

Concen: 47.114 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 310326

Ion Ratio Lower Upper

112 100

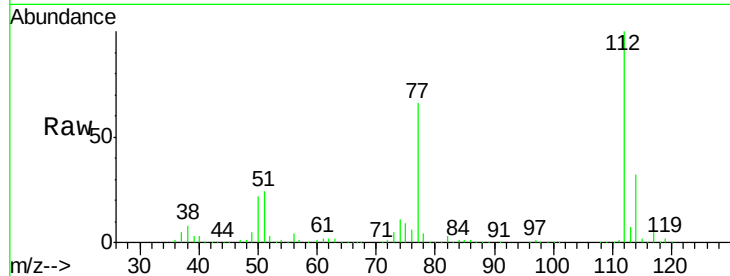
114 31.8 25.4 38.2

Manual Integrations

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.13

250000

200000

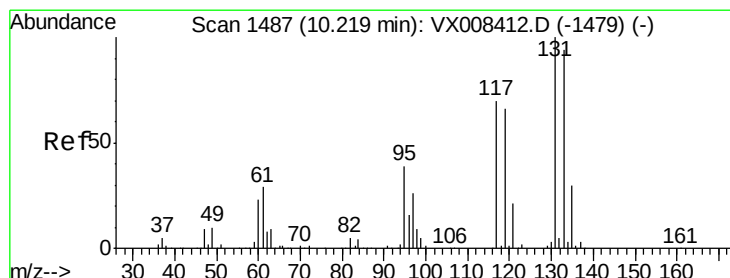
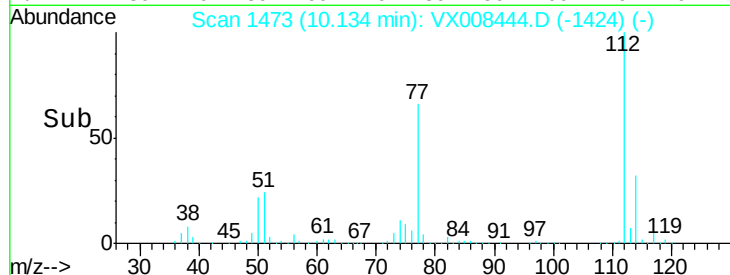
150000

100000

50000

0

Time--> 10.00 10.10 10.20 10.30



#66

1,1,1,2-Tetrachloroethane

Concen: 48.414 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

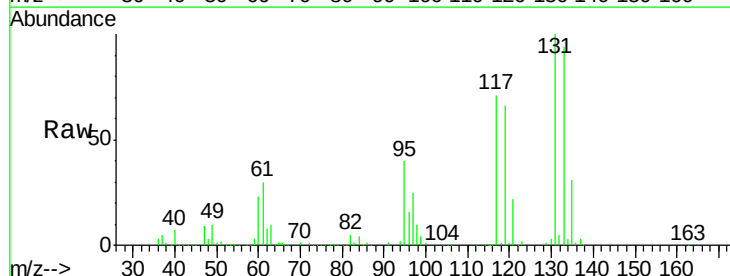
Tgt Ion:131 Resp: 110019

Ion Ratio Lower Upper

131 100

133 94.3 47.3 141.8

119 67.7 33.6 100.6



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

10.22

100000

80000

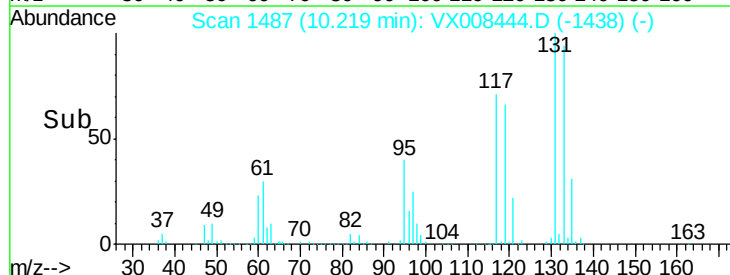
60000

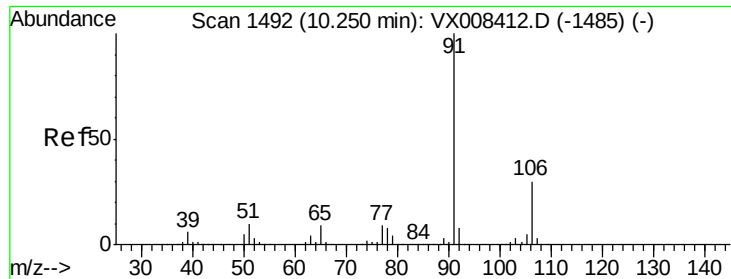
40000

20000

0

Time--> 10.20 10.30





#67

Ethyl Benzene

Concen: 47.335 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 588415

Ion Ratio Lower Upper

91 100

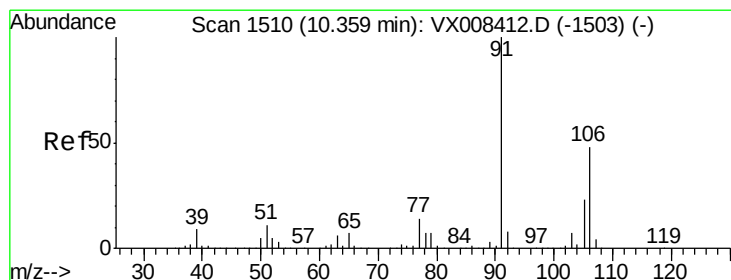
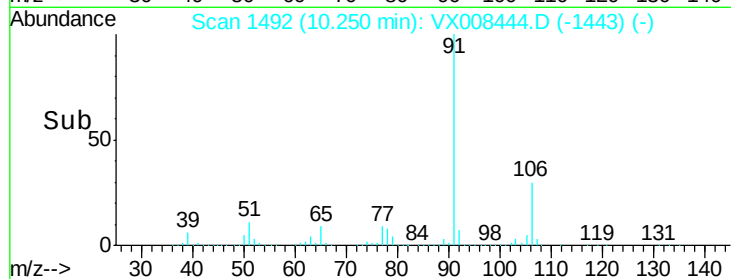
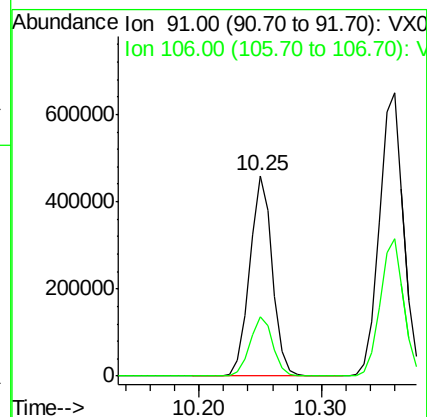
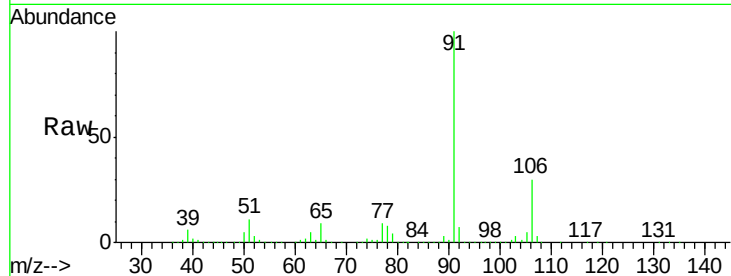
106 29.8 24.0 36.0

Manual Integrations

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#68

m/p-Xylenes

Concen: 93.331 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX008444.D

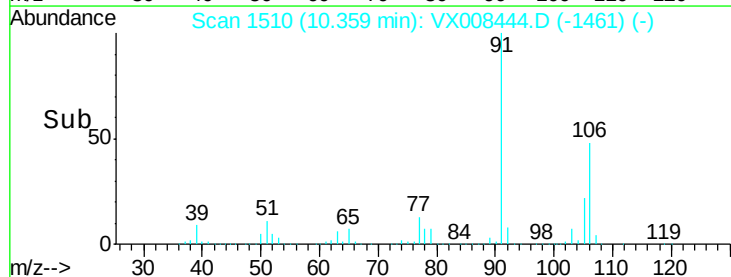
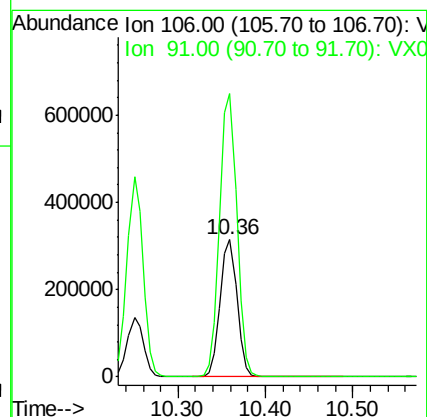
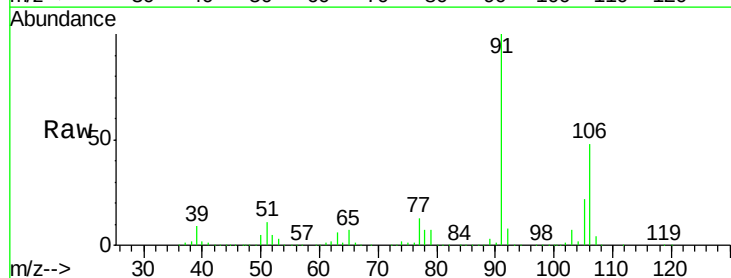
Acq: 26 Mar 2019 04:45

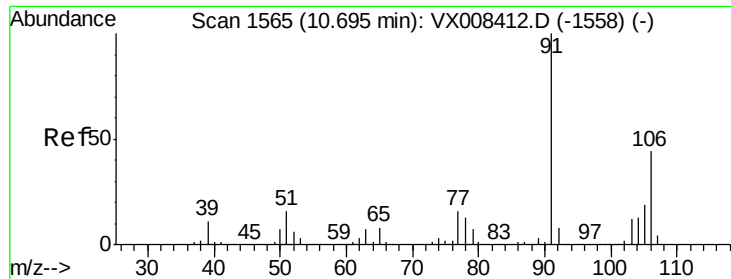
Tgt Ion: 106 Resp: 422075

Ion Ratio Lower Upper

106 100

91 210.8 168.6 253.0





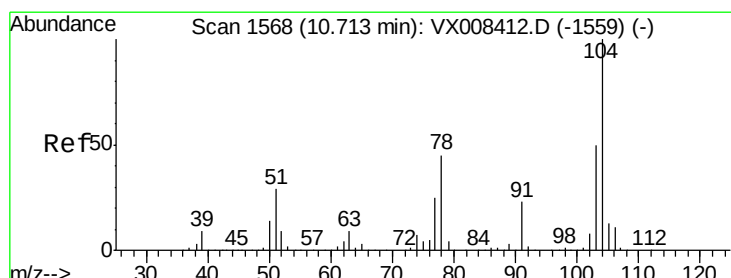
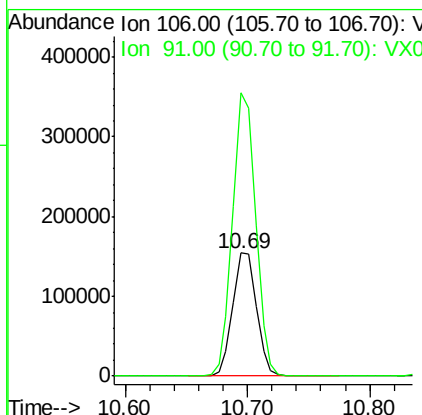
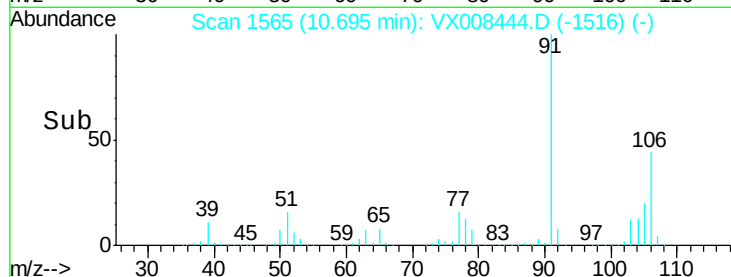
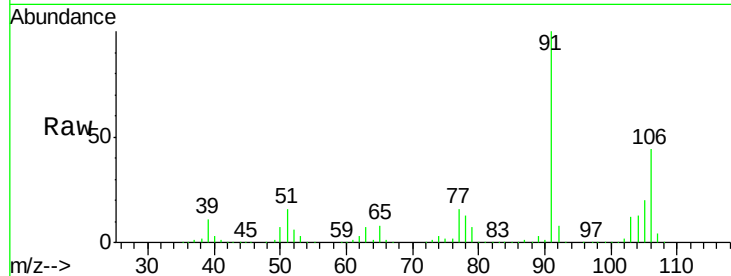
#69
o-Xylene
Concen: 47.185 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 207075
Ion Ratio Lower Upper
106 100
91 223.6 111.4 334.2

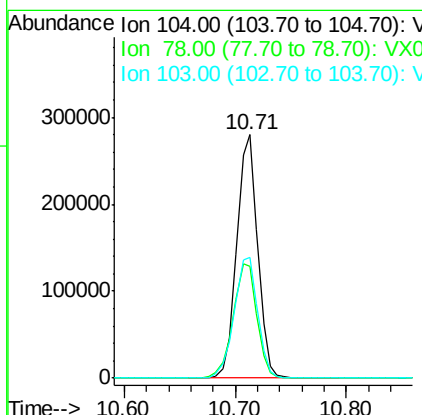
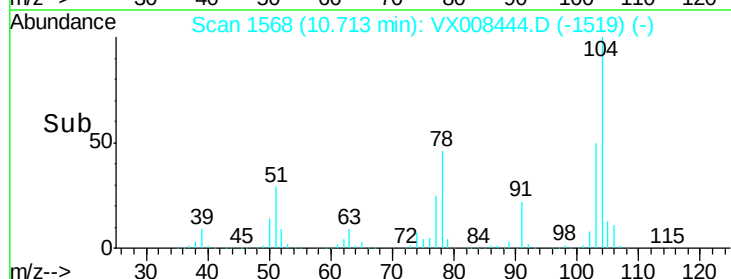
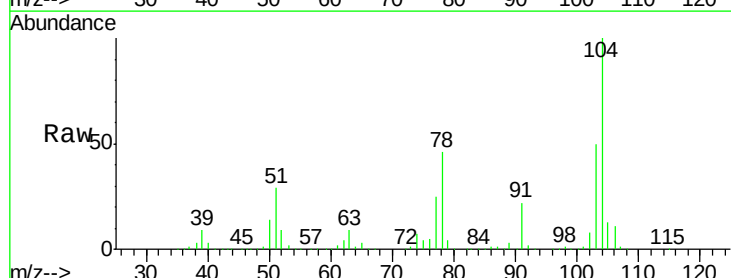
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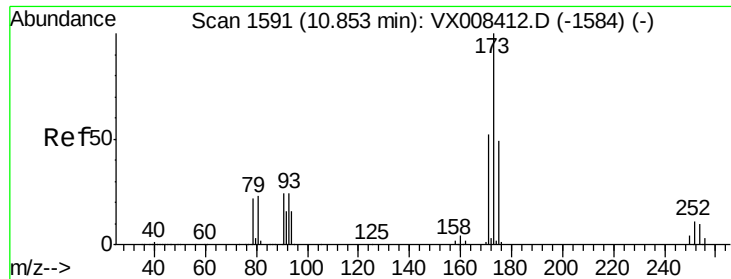
MMDadoda
3/27/2019 8:56:00 AM



#70
Styrene
Concen: 48.084 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

Tgt Ion:104 Resp: 364511
Ion Ratio Lower Upper
104 100
78 53.4 42.5 63.7
103 55.7 44.2 66.4





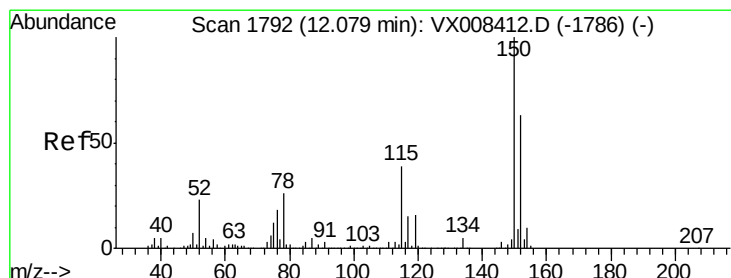
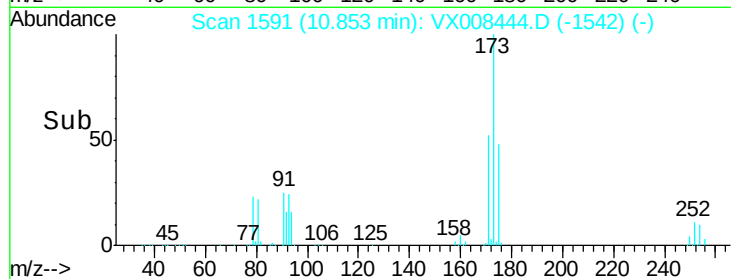
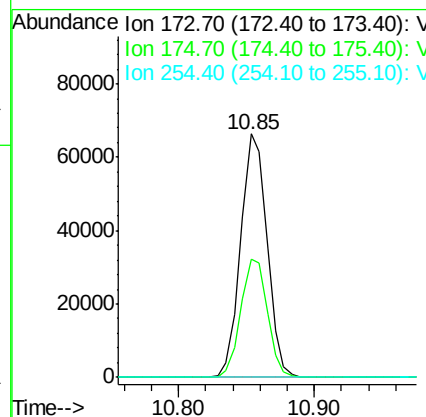
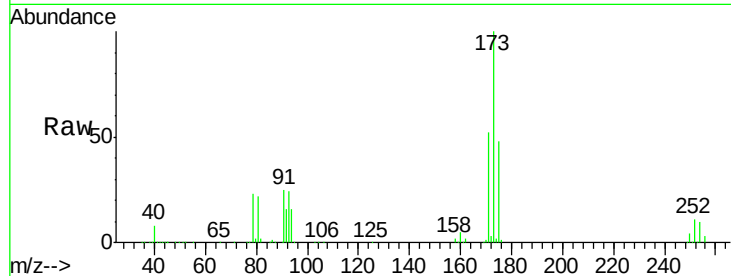
#71
Bromoform
Concen: 49.992 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.3	72.8
254	0.1	0.2	0.2#

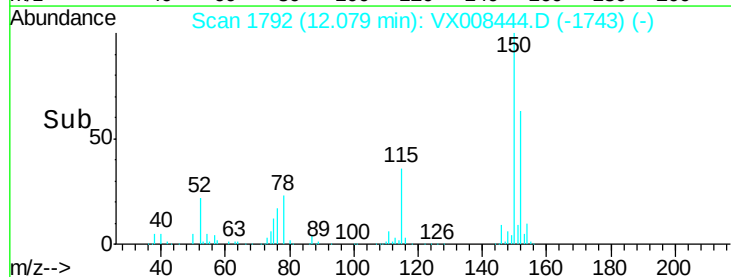
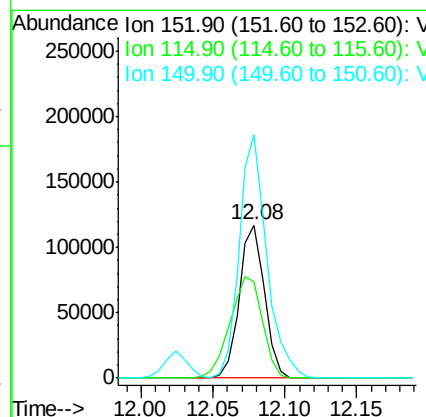
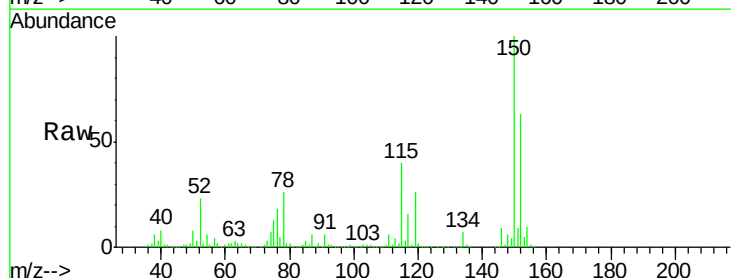
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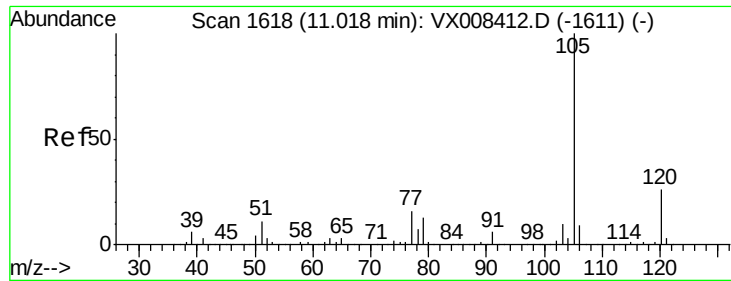
MMDadoda
3/27/2019 8:56:00 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	85.2	43.5	130.5
150	173.0	0.0	348.8





#73

Isopropylbenzene

Concen: 47.367 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 551876

Ion Ratio Lower Upper

105 100

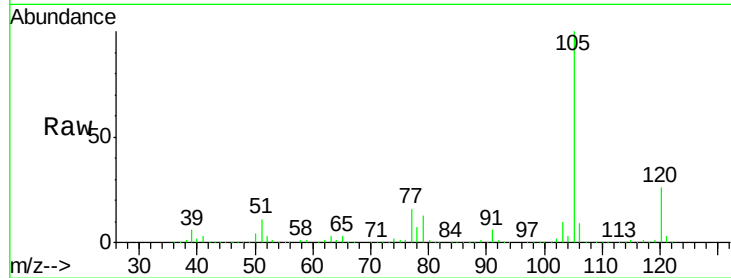
120 25.5 12.9 38.7

Manual Integrations

APPROVED

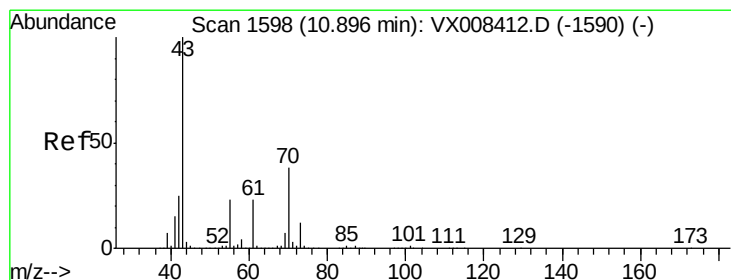
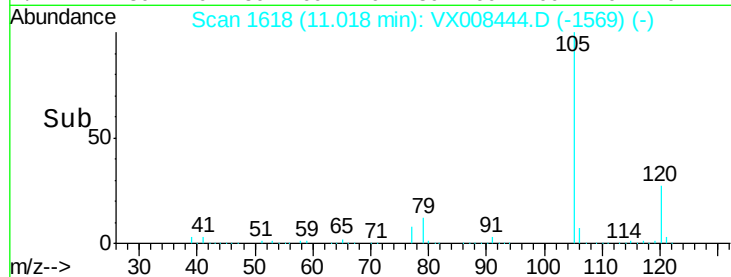
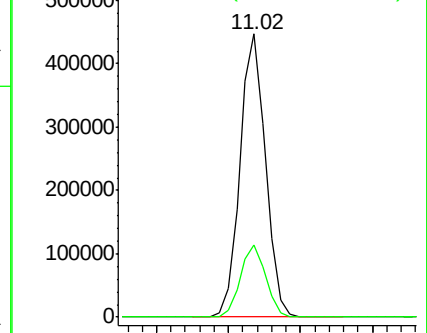
MMDadoda

3/27/2019 8:56:00 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.076 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Tgt Ion: 43 Resp: 337704

Ion Ratio Lower Upper

43 100

70 38.0 30.5 45.7

55 22.6 18.2 27.2

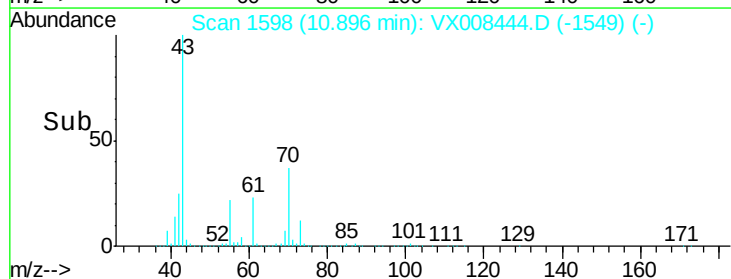
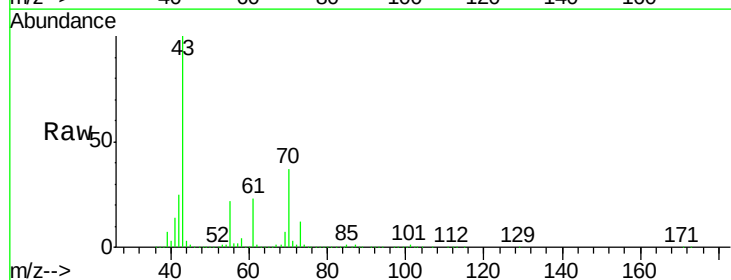
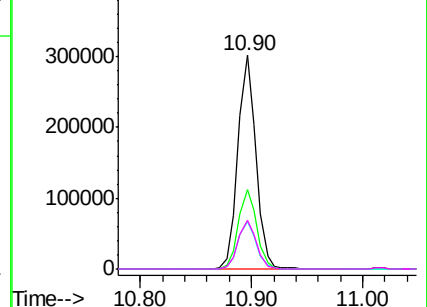
61 23.1 18.4 27.6

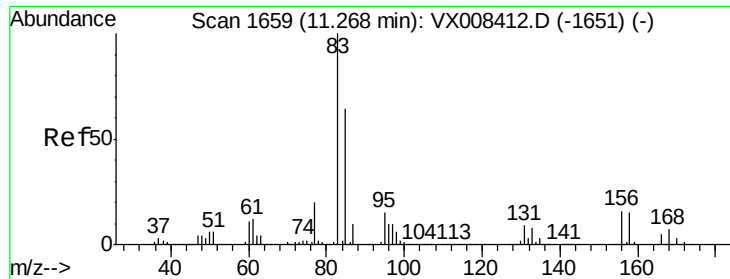
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.382 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Instrument :

MSVOA_X

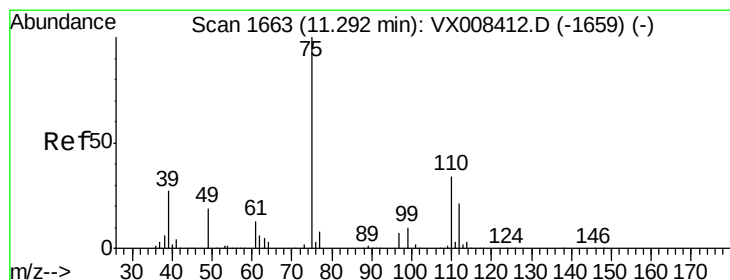
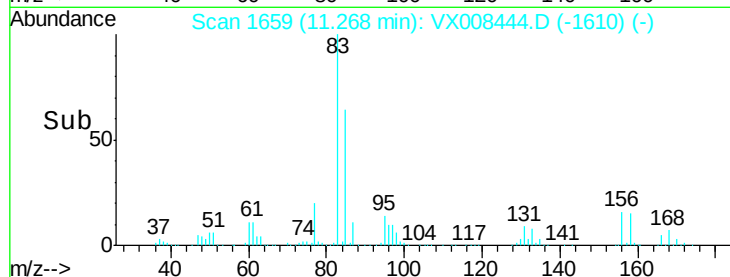
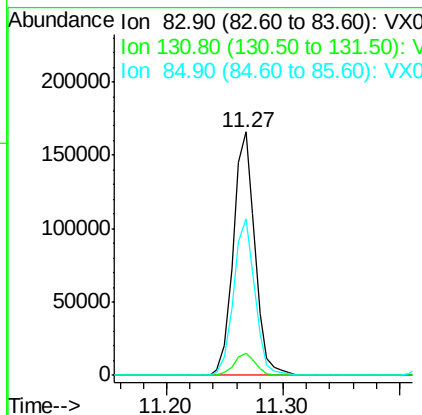
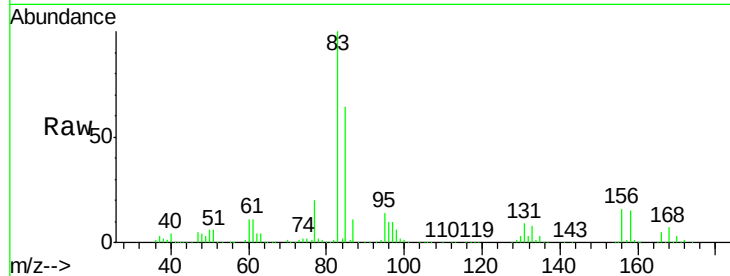
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	214197
Ion Ratio	Lower	Upper	
83	100		
131	9.0	4.5	13.4
85	63.7	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 42.047 ug/l m

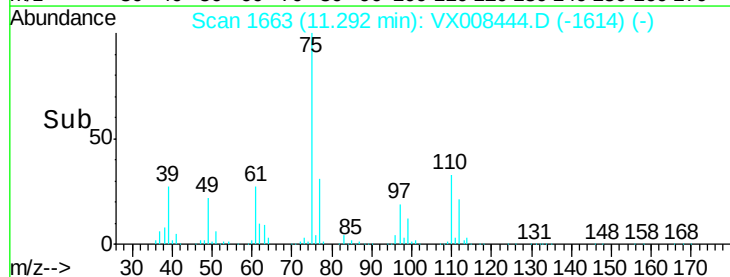
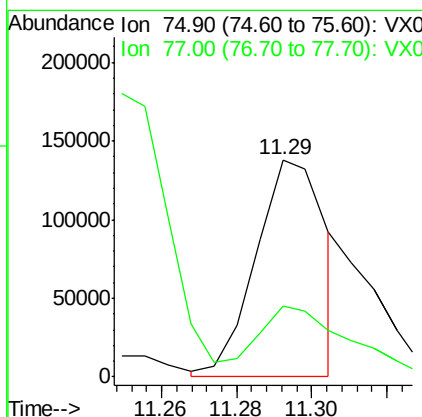
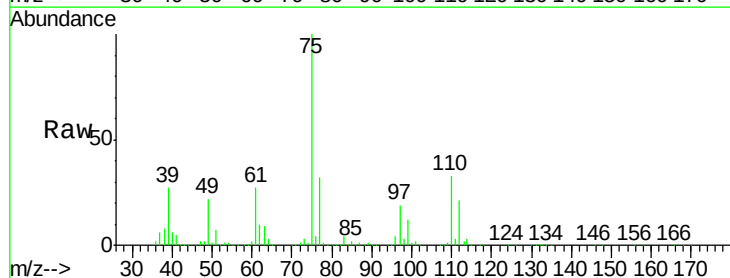
RT: 11.29 min Scan# 1663

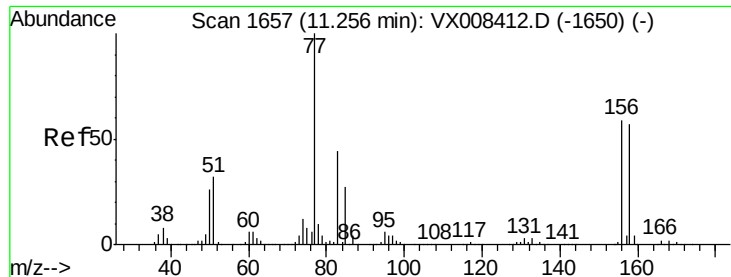
Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Tgt Ion:	75	Resp:	179023
Ion Ratio	Lower	Upper	
75	100		
77	42.9	21.9	65.7





#77

Bromobenzene

Concen: 46.021 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Instrument :

MSVOA_X

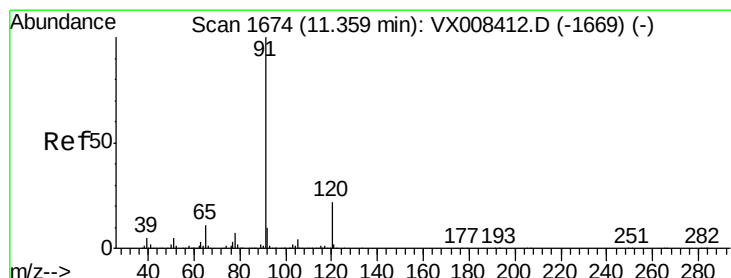
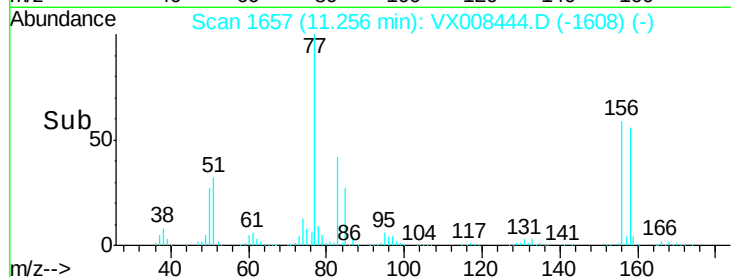
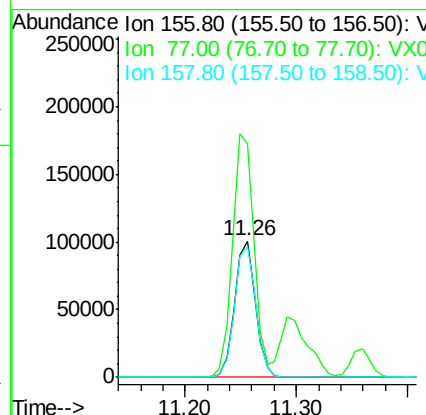
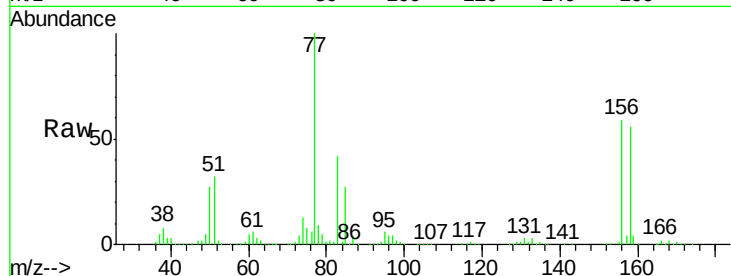
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100				
77	183.7	91.1	273.3		
158	97.7	48.3	144.8		

Manual Integrations
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#78

n-propylbenzene

Concen: 47.270 ug/l

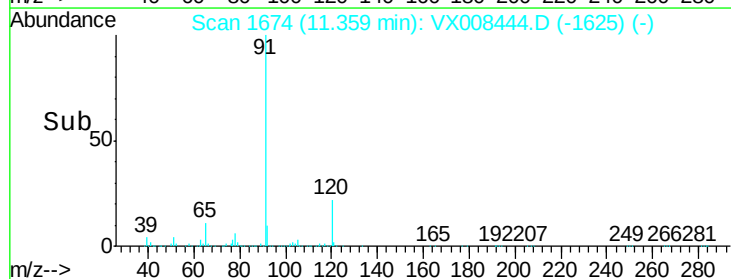
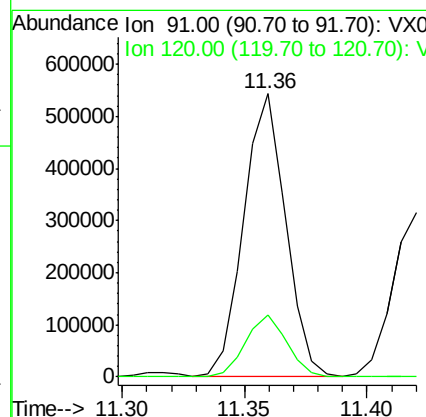
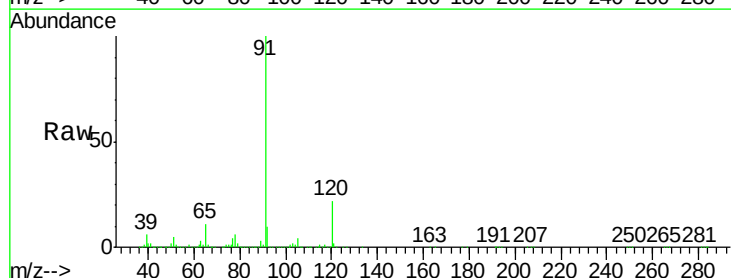
RT: 11.36 min Scan# 1674

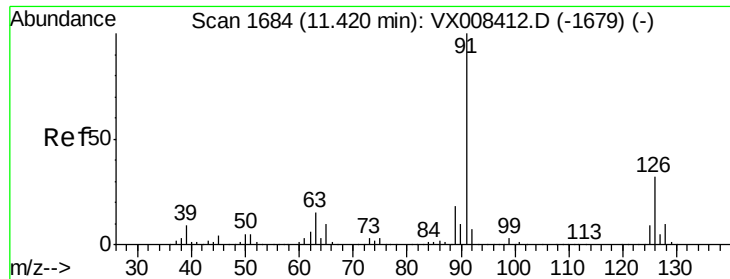
Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
120	21.7	10.8	32.4		





#79

2-Chlorotoluene

Concen: 46.816 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 388649

Ion Ratio Lower Upper

91 100

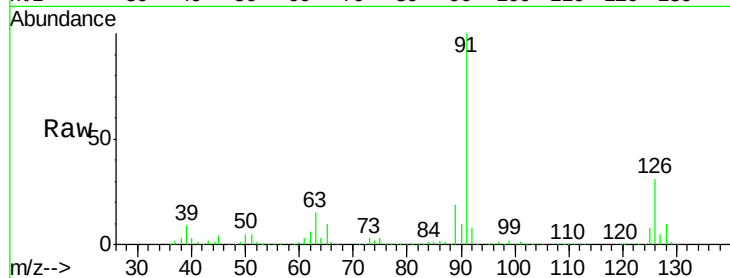
126 31.5 15.7 47.1

Manual Integrations

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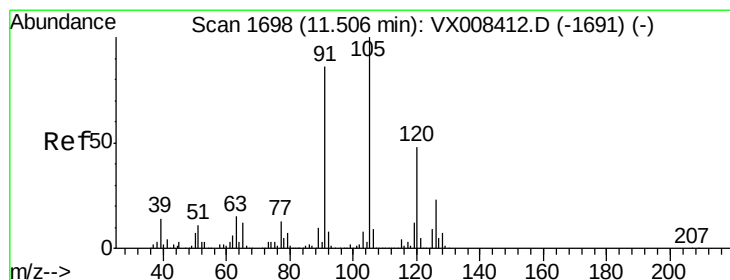
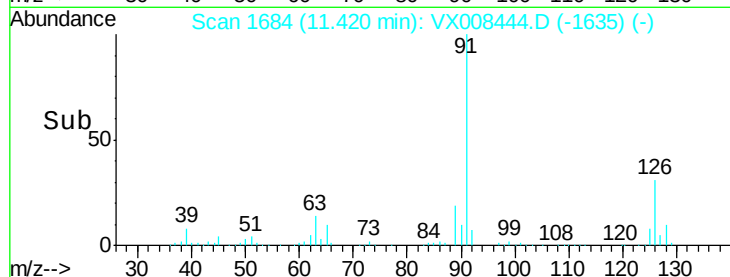
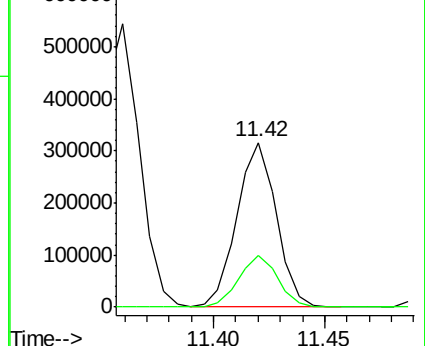
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 47.112 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008444.D

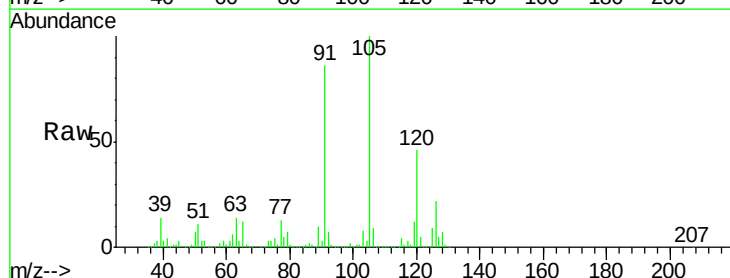
Acq: 26 Mar 2019 04:45

Tgt Ion:105 Resp: 464060

Ion Ratio Lower Upper

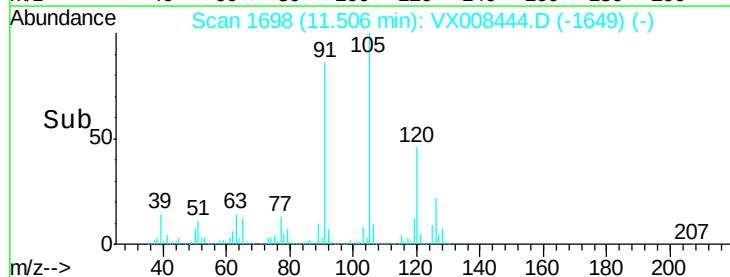
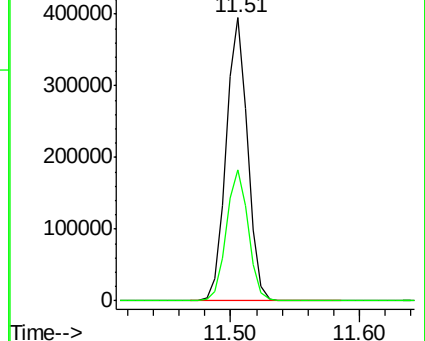
105 100

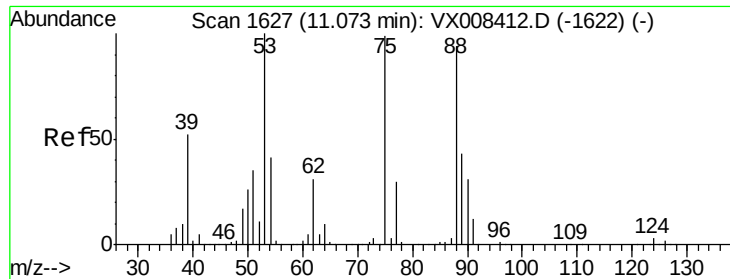
120 47.1 23.4 70.3



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: 47.008 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 62489

Ion Ratio Lower Upper

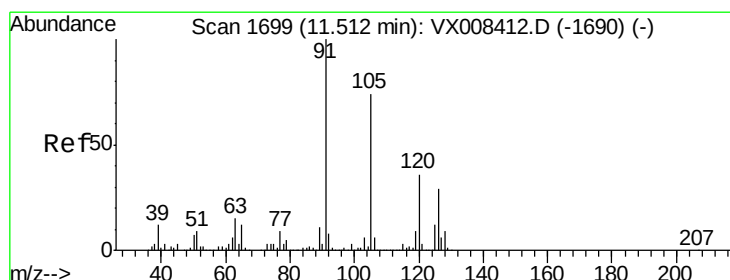
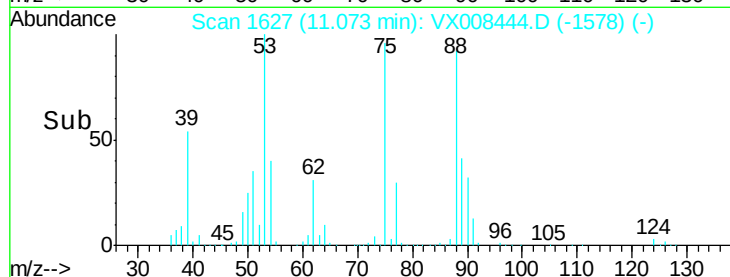
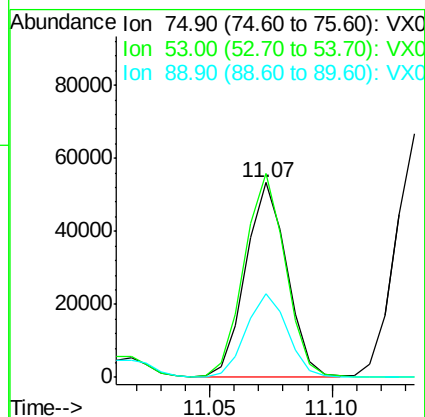
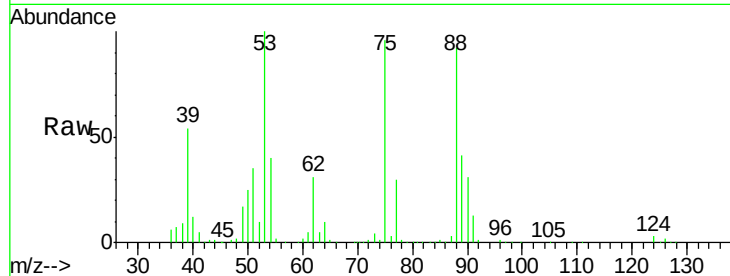
75 100

53 105.3 82.1 123.1

89 43.7 34.6 52.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 46.406 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX008444.D

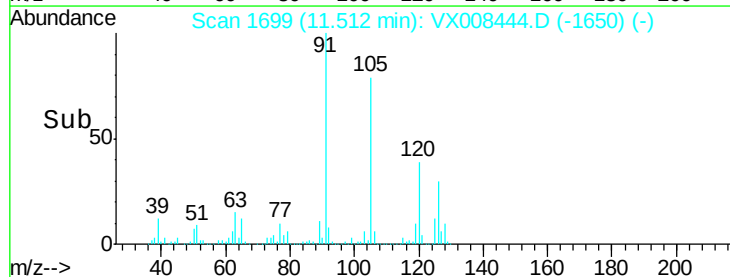
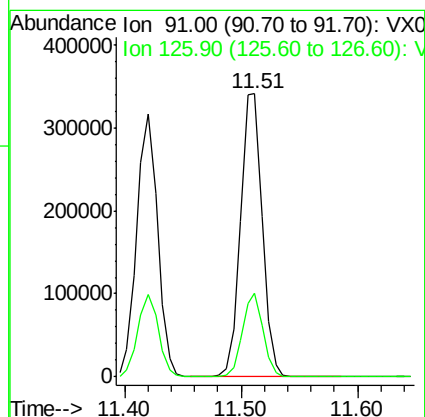
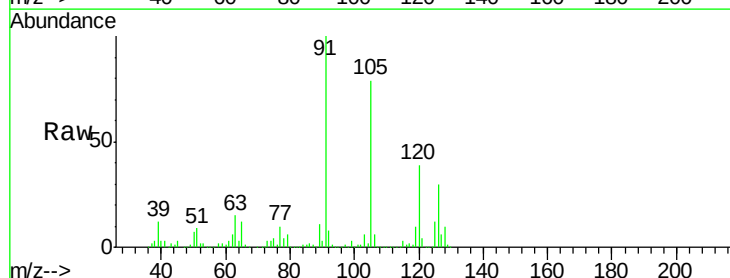
Acq: 26 Mar 2019 04:45

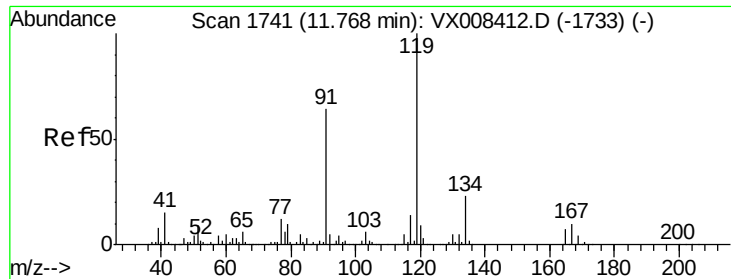
Tgt Ion: 91 Resp: 444380

Ion Ratio Lower Upper

91 100

126 27.9 13.9 41.7





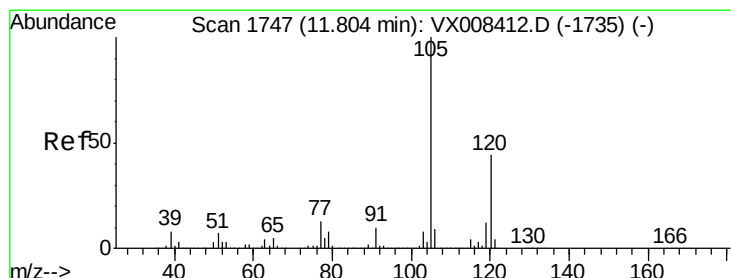
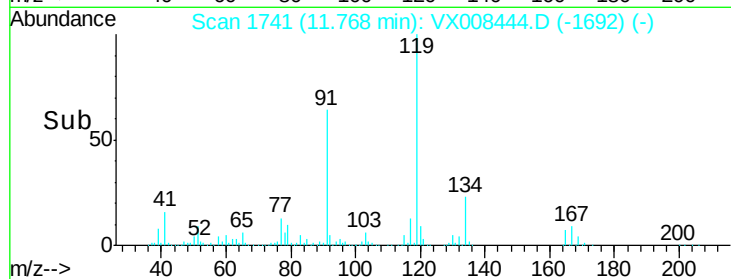
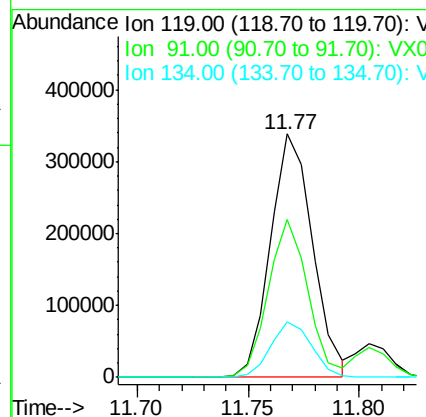
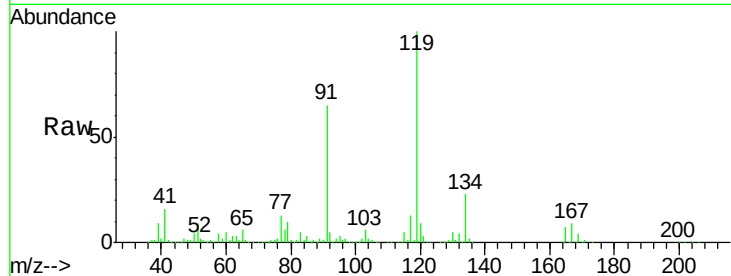
#83
 tert-Butylbenzene
 Concen: 46.909 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX008444.D
 Acq: 26 Mar 2019 04:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.8	30.1	90.3
134	22.1	10.9	32.9

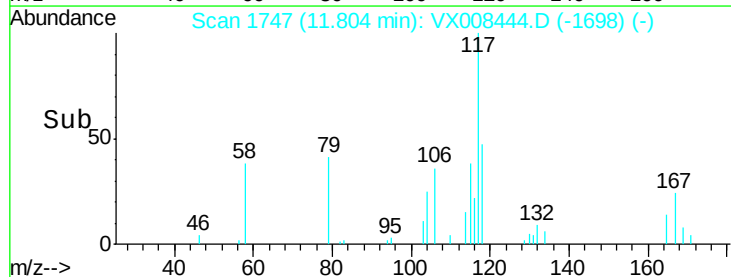
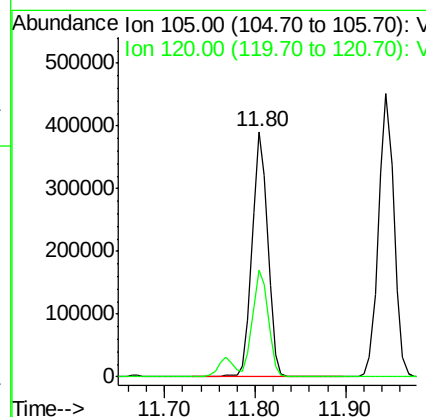
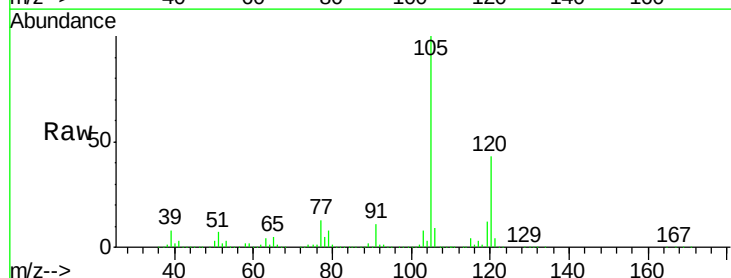
Manual Integrations
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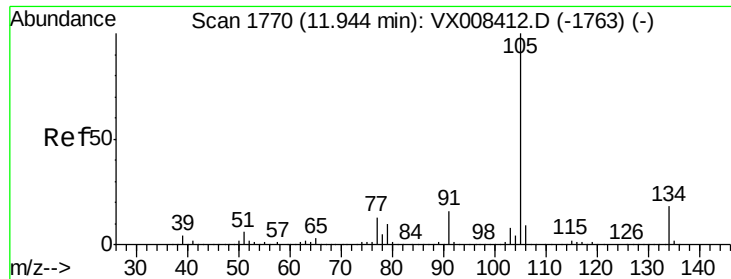
MMDadoda
 3/27/2019 8:56:00 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 46.888 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008444.D
 Acq: 26 Mar 2019 04:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.3	21.6	65.0





#85

sec-Butylbenzene

Concen: 47.057 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 532562

Ion Ratio Lower Upper

105 100

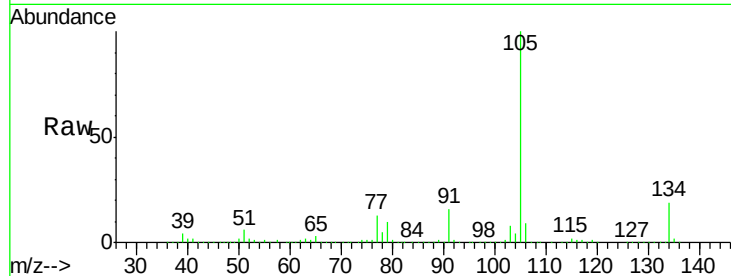
134 19.1 9.3 28.0

Manual Integrations

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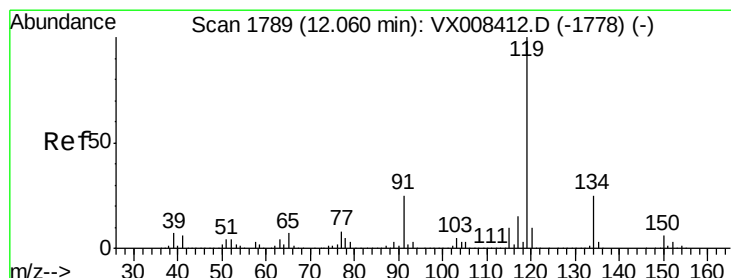
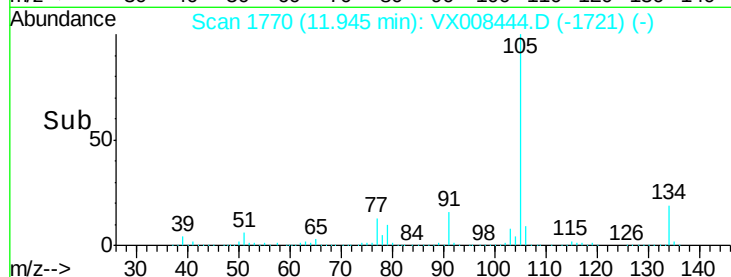
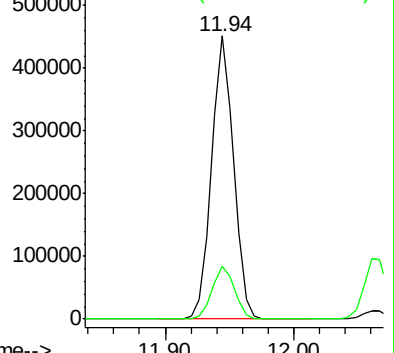
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.732 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

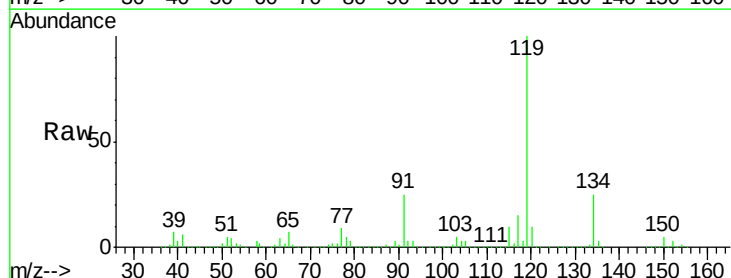
Tgt Ion:119 Resp: 476665

Ion Ratio Lower Upper

119 100

134 25.3 12.8 38.4

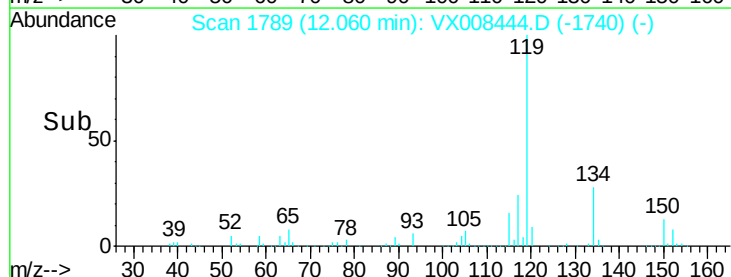
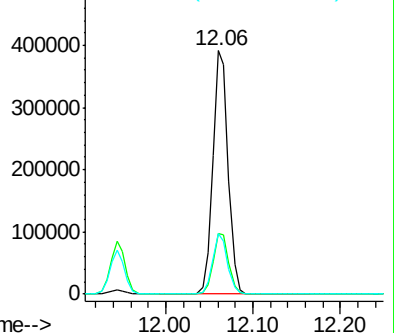
91 24.2 12.4 37.0

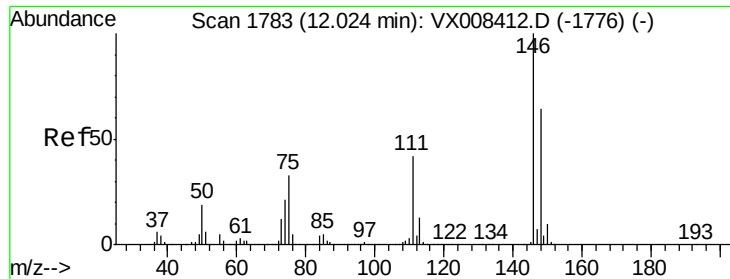


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





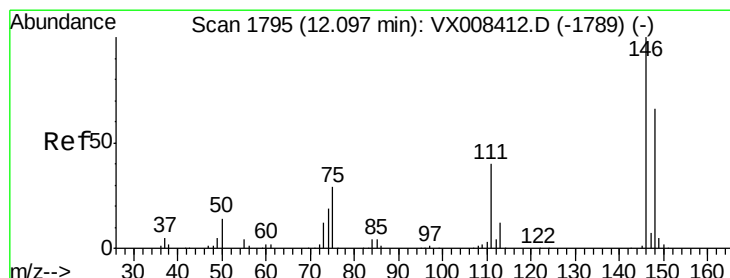
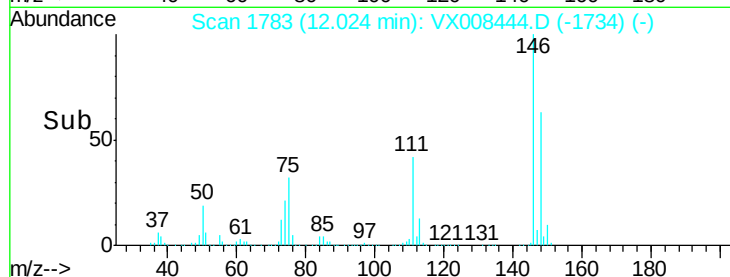
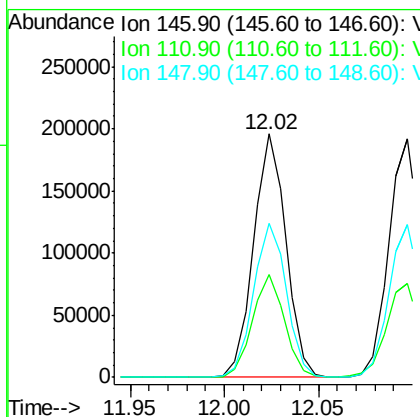
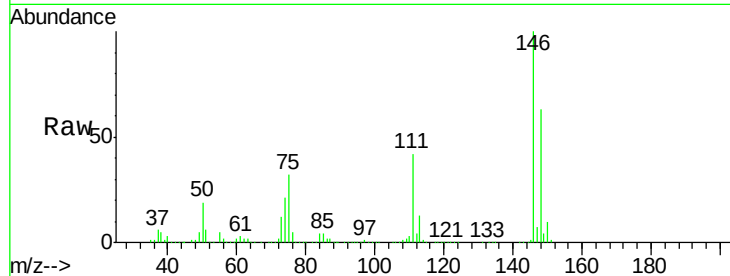
#87
 1,3-Dichlorobenzene
 Concen: 46.170 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008444.D
 Acq: 26 Mar 2019 04:45

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.8	62.5
148	64.1	32.0	96.0

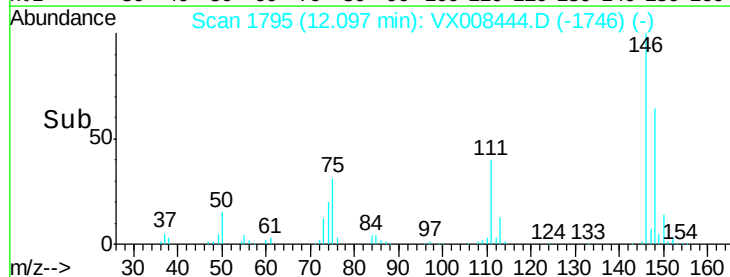
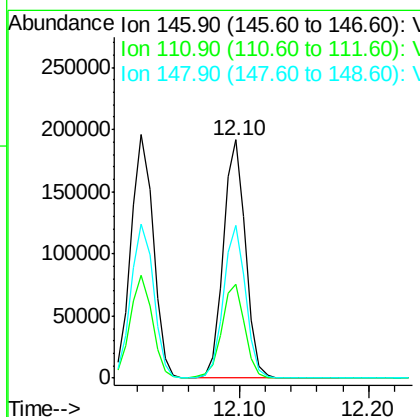
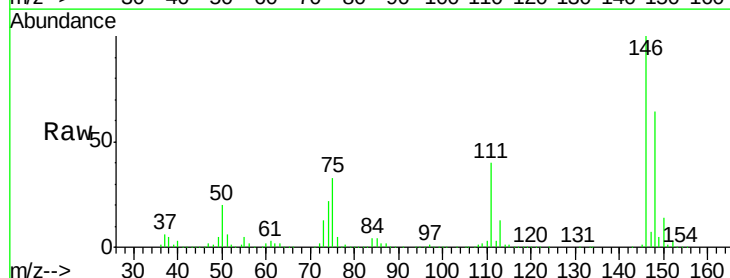
Manual Integrations
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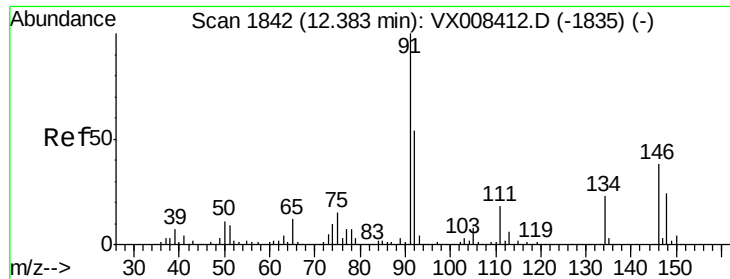
MMDadoda
 3/27/2019 8:56:00 AM



#88
 1,4-Dichlorobenzene
 Concen: 45.610 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008444.D
 Acq: 26 Mar 2019 04:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.3	61.0
148	64.0	32.1	96.5





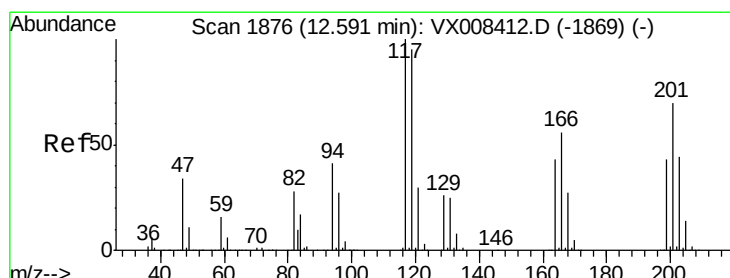
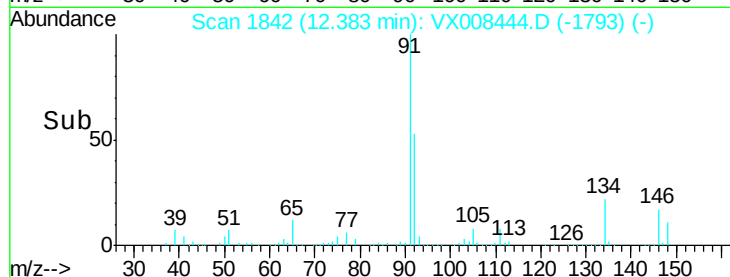
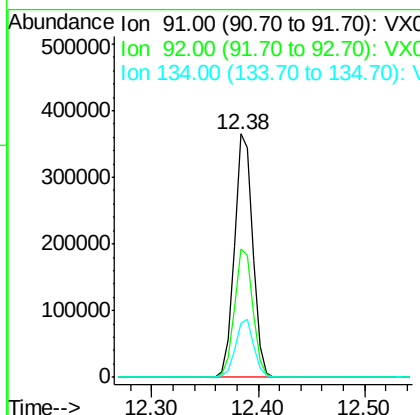
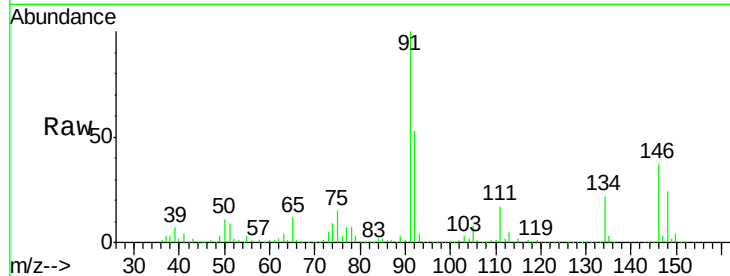
#89
n-Butylbenzene
Concen: 46.401 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.5	79.5
134	23.9	11.8	35.4

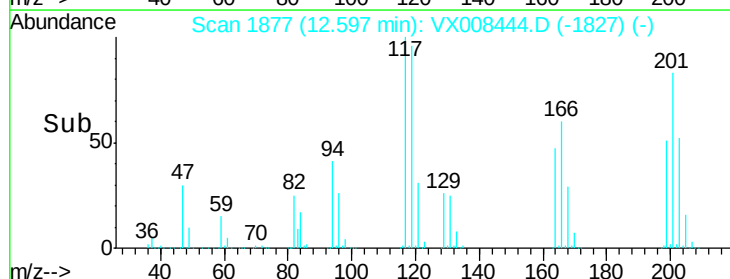
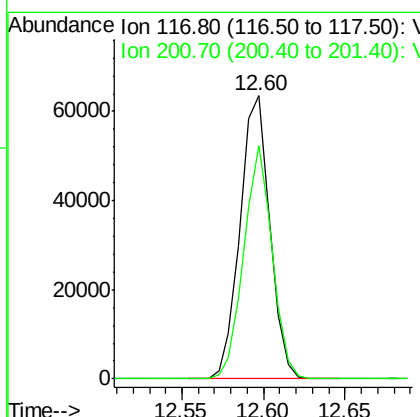
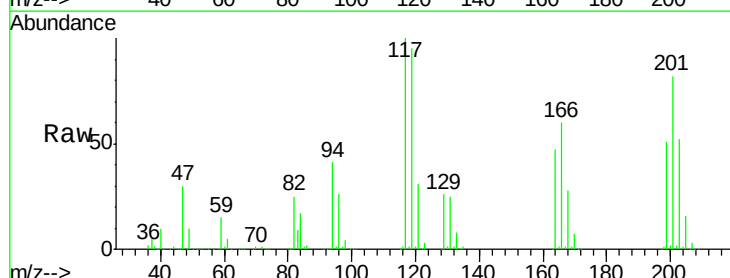
Manual Integrations
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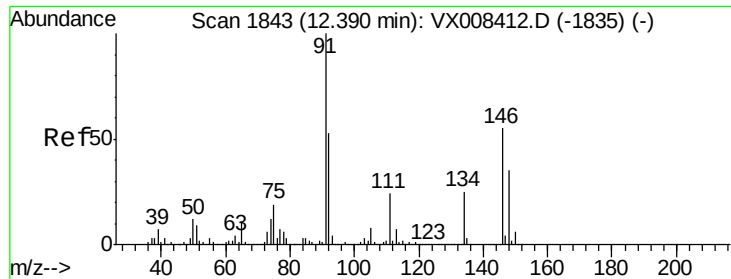
MMDadoda
3/27/2019 8:56:00 AM



#90
Hexachloroethane
Concen: 48.818 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.4	39.4	118.1





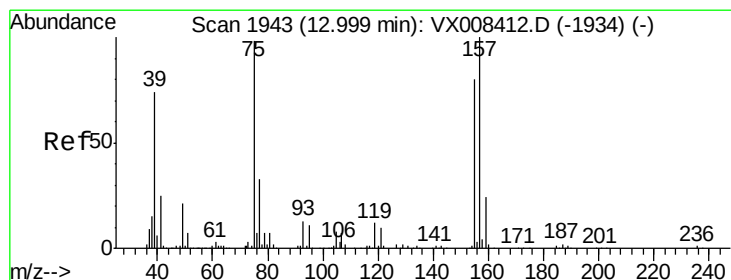
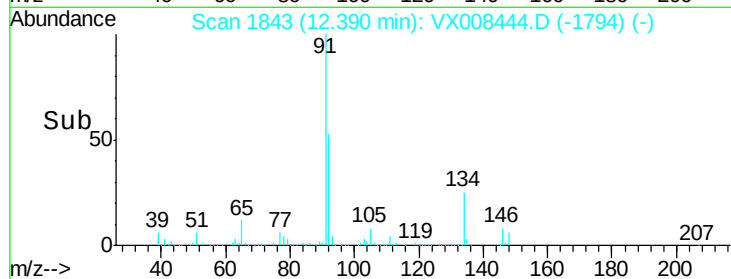
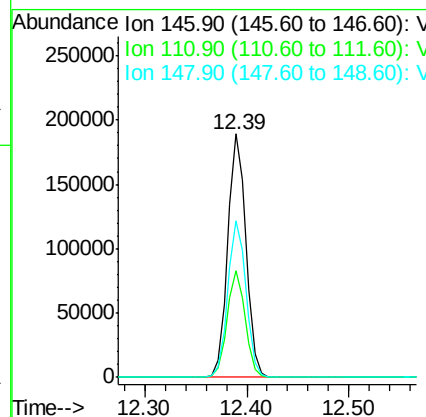
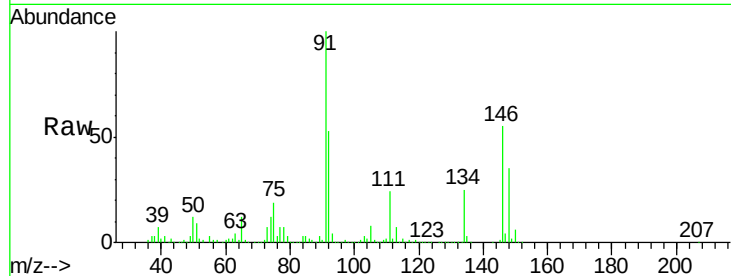
#91
 1,2-Dichlorobenzene
 Concen: 46.390 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008444.D
 Acq: 26 Mar 2019 04:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.6	64.6
148	64.2	31.9	95.7

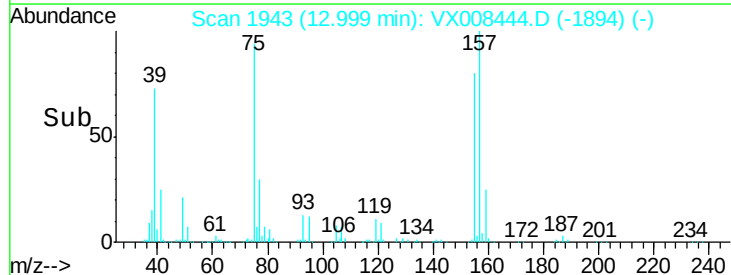
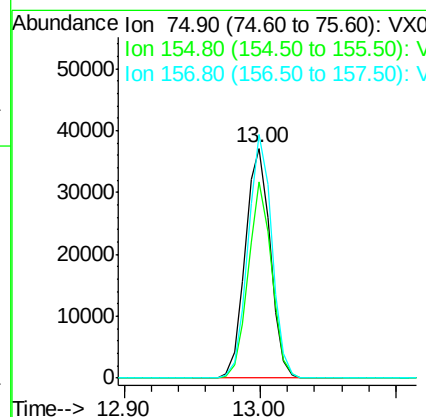
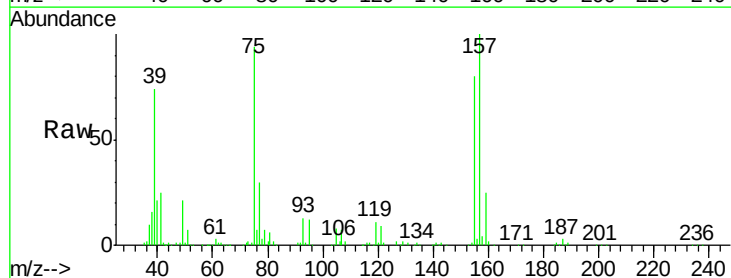
Manual Integrations
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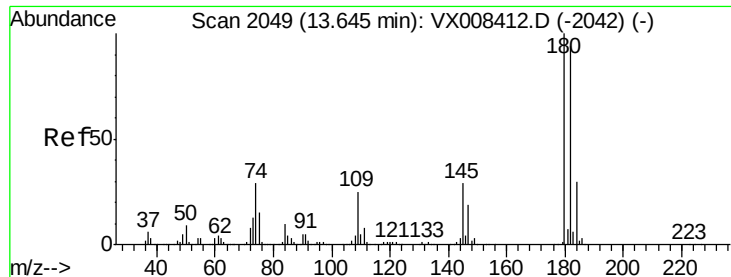
MMDadoda
 3/27/2019 8:56:00 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.388 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008444.D
 Acq: 26 Mar 2019 04:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.0	39.5	118.5
157	100.7	49.9	149.7





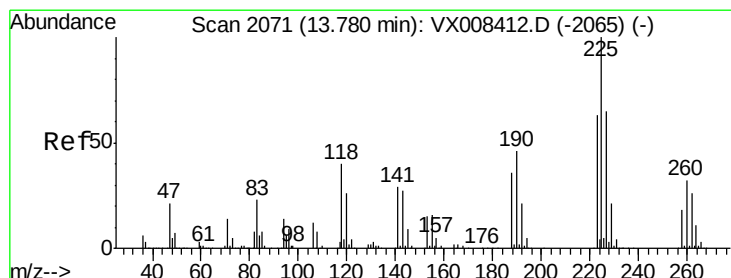
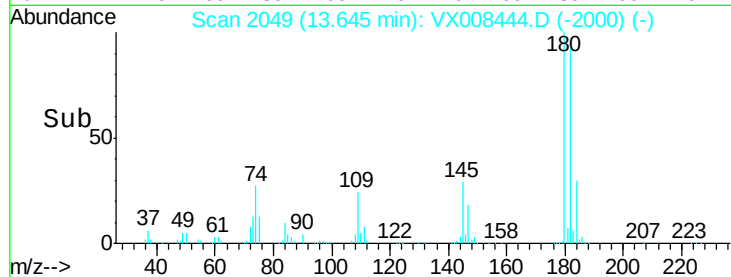
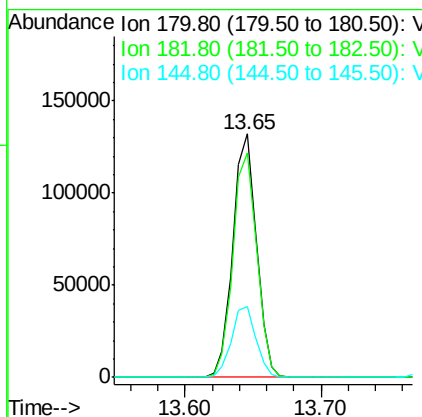
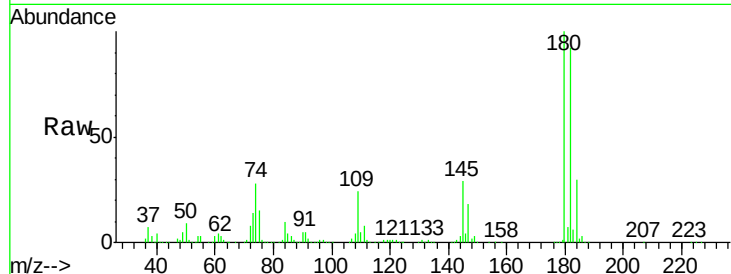
#93
 1,2,4-Trichlorobenzene
 Concen: 46.869 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008444.D
 Acq: 26 Mar 2019 04:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	180	Resp:	159653
Ion Ratio	Lower	Upper	
180	100		
182	93.9	47.3	142.0
145	30.1	15.3	45.8

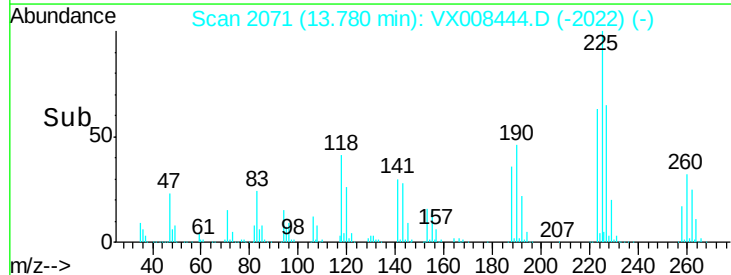
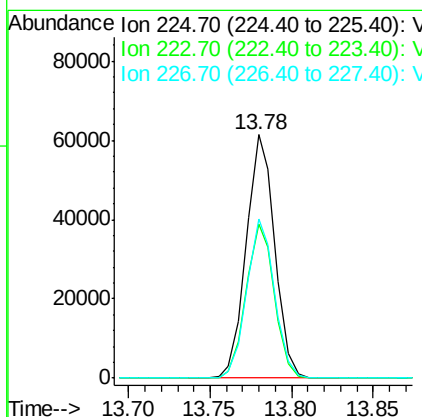
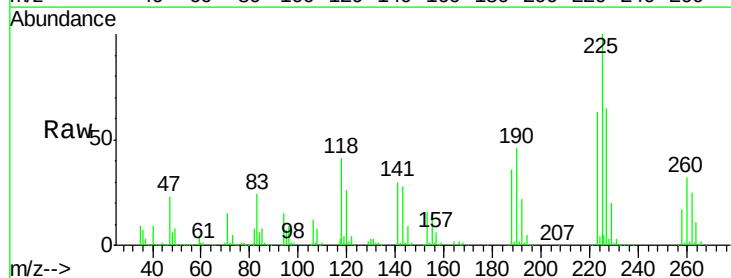
Manual Integrations
 APPROVED

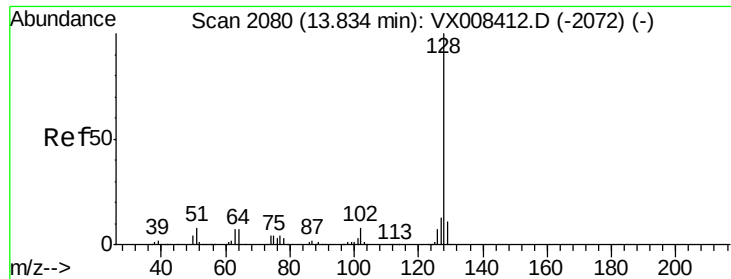
MMDadoda
 3/27/2019 8:56:00 AM



#94
 Hexachlorobutadiene
 Concen: 46.272 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008444.D
 Acq: 26 Mar 2019 04:45

Tgt Ion:	225	Resp:	74842
Ion Ratio	Lower	Upper	
225	100		
223	62.6	31.4	94.0
227	63.7	31.9	95.9





#95

Naphthalene

Concen: 48.471 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Instrument :

MSVOA_X

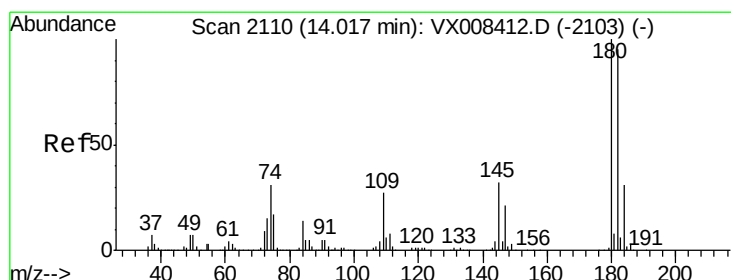
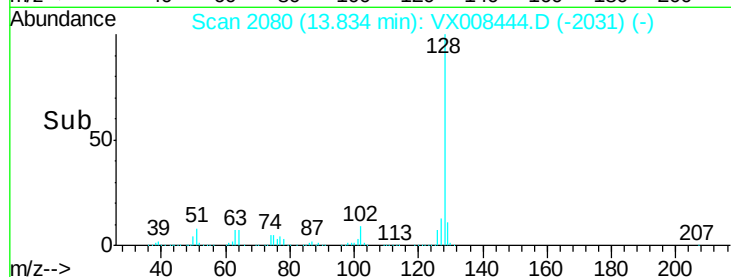
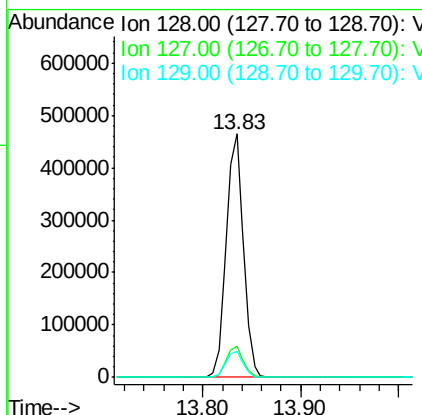
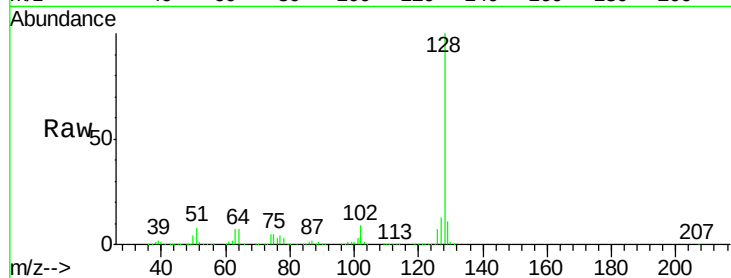
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	566068
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
3/27/2019 8:56:00 AM



#96

1,2,3-Trichlorobenzene

Concen: 46.713 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Tgt Ion:	180	Resp:	159893
Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.3	142.0
145	32.3	16.2	48.5

