

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030819\
 Data File : VX007922.D
 Acq On : 08 Mar 2019 10:47
 Operator : JC/SP
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Quant Time: Mar 09 03:44:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X030819W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 08 12:01:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	45737	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	244279	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	218235	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	87804	29.21	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.37%
60) 4-Bromofluorobenzene	11.13	95	104603	30.03	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.10%
63) Toluene-d8	8.71	98	299240	29.96	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.87%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	131567	48.455	ug/l 100
3) Chloromethane	1.33	50	142735	47.274	ug/l 96
4) Vinyl Chloride	1.41	62	138441	46.289	ug/l 97
5) Bromomethane	1.64	94	64188	43.048	ug/l 98
6) Chloroethane	1.73	64	80268	45.955	ug/l 96
7) Trichlorofluoromethane	1.93	101	168893	45.349	ug/l 97
8) Diethyl Ether	2.19	74	92042	47.989	ug/l 89
9) 1,1,2-Trichlorotrifluoroet	2.39	101	134191	47.925	ug/l 99
10) 1,1-Dichloroethene	2.38	96	126624	47.711	ug/l 93
11) Methyl Iodide	2.51	142	206333	49.664	ug/l 96
12) Methyl Acetate	2.78	43	193050	45.993	ug/l 96
13) Acrolein	2.30	56	109425	222.214	ug/l 97
14) Acrylonitrile	3.15	53	431029	241.910	ug/l 100
15) Acetone	2.45	58	159102	247.326	ug/l 98
16) Carbon Disulfide	2.57	76	402986	48.397	ug/l 100
17) Allyl chloride	2.73	41	262748	48.289	ug/l 89
18) Methylene Chloride	2.86	84	141913	46.937	ug/l 93
19) trans-1,2-Dichloroethene	3.17	96	134314	47.831	ug/l 97
20) Diisopropyl ether	3.87	45	477367	47.957	ug/l 91
21) 1,1-Dichloroethane	3.70	63	257770	47.615	ug/l 98
22) cis-1,2-Dichloroethene	4.60	96	154287	47.631	ug/l 92
23) tert-Butyl Alcohol	3.07	59	173785	241.764	ug/l # 100
24) Methyl tert-Butyl Ether	3.20	73	434921	47.663	ug/l 95
25) Chloroform	5.21	83	242299	47.418	ug/l 98
26) Cyclohexane	5.57	56	242029	48.381	ug/l # 90
29) 1,1-Dichloropropene	5.80	75	188782	48.740	ug/l 97
30) 2-Butanone	4.70	43	653397	250.118	ug/l 98
31) 2,2-Dichloropropane	4.59	77	174914	48.893	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	204744	48.885	ug/l 99
33) Carbon Tetrachloride	5.79	117	182705	49.181	ug/l 99
34) Benzene	6.14	78	578219	48.713	ug/l 97
35) Methacrylonitrile	5.06	41	125064	49.129	ug/l 95
36) 1,2-Dichloroethane	6.20	62	185524	48.042	ug/l 99
37) Trichloroethene	7.21	130	156314	48.606	ug/l 93
38) Methylcyclohexane	7.46	83	242836	49.313	ug/l 96
39) 1,2-Dichloropropane	7.52	63	152566	49.286	ug/l 98
40) Dibromomethane	7.66	93	95672	48.724	ug/l 92

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Quant Time: Mar 09 03:44:42 2019
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 08 12:01:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.90	83	182759	49.242	ug/l	100
42) Vinyl Acetate	3.82	43	2119019	250.585	ug/l	97
43) Ethyl Acetate	4.85	43	223602	49.140	ug/l #	82
44) Isopropyl Acetate	6.46	43	345625	49.781	ug/l	99
45) 1,4-Dioxane	7.75	88	72740	1001.387	ug/l	92
46) Methyl methacrylate	7.77	41	182739	50.045	ug/l	90
47) n-amyl Acetate	10.90	43	297026	49.651	ug/l	97
48) t-1,3-Dichloropropene	9.04	75	203227	50.559	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	228282	50.155	ug/l	97
50) 1,1,2-Trichloroethane	9.21	97	145438	48.593	ug/l	96
51) Ethyl methacrylate	9.18	69	228986	50.449	ug/l	94
52) 1,3-Dichloropropane	9.37	76	241829	48.901	ug/l	100
53) Dibromochloromethane	9.59	129	154193	50.085	ug/l	100
54) 1,2-Dibromoethane	9.67	107	154129	49.258	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	522507	247.505	ug/l	98
56) Bromoform	10.85	173	124863	50.847	ug/l #	98
58) 4-Methyl-2-Pentanone	8.65	43	1128893	251.248	ug/l	99
59) 2-Hexanone	9.49	43	879350	247.930	ug/l	99
61) Tetrachloroethene	9.34	164	153346	48.169	ug/l	97
62) Toluene	8.79	91	619558	48.618	ug/l	100
64) Chlorobenzene	10.14	112	394254	48.542	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	143858	49.471	ug/l	99
66) Ethyl Benzene	10.25	91	671424	49.053	ug/l	98
67) m/p-Xylenes	10.36	106	519303	98.943	ug/l	97
68) o-Xylene	10.70	106	253170	49.675	ug/l	99
69) Styrene	10.71	104	418098	49.789	ug/l	99
70) Isopropylbenzene	11.02	105	668641	49.099	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.27	83	217286	48.310	ug/l	98
72) 1,2,3-Trichloropropane	11.30	75	255964	60.375	ug/l	89
73) Bromobenzene	11.26	156	175916	48.589	ug/l	94
74) n-propylbenzene	11.36	91	759130	49.417	ug/l	98
75) 2-Chlorotoluene	11.42	91	449956	48.869	ug/l	95
76) 1,3,5-Trimethylbenzene	11.51	105	554472	49.128	ug/l	98
77) t-1,4-Dichloro-2-butene	11.07	75	67203	51.304	ug/l	87
78) 4-Chlorotoluene	11.51	91	510936	49.080	ug/l	97
79) tert-butylbenzene	12.06	119	601721	49.681	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	566249	49.433	ug/l	98
81) sec-Butylbenzene	11.94	105	669665	49.363	ug/l	99
82) p-Isopropyltoluene	12.06	119	601721	49.681	ug/l	98
83) 1,3-Dichlorobenzene	12.02	146	314201	48.744	ug/l	98
84) 1,4-Dichlorobenzene	12.10	146	311764	48.340	ug/l	98
85) n-Butylbenzene	12.39	91	514811	49.701	ug/l	99
86) Hexachloroethane	12.60	117	98742	50.036	ug/l	83
87) 1,2-Dichlorobenzene	12.39	146	308743	48.465	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	45062	49.049	ug/l	98
89) 1,2,4-Trichlorobenzene	13.65	180	221045	48.281	ug/l	99
90) Hexachlorobutadiene	13.78	225	122927	48.683	ug/l	99
91) Naphthalene	13.83	128	648630	49.424	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	221623	48.701	ug/l	98

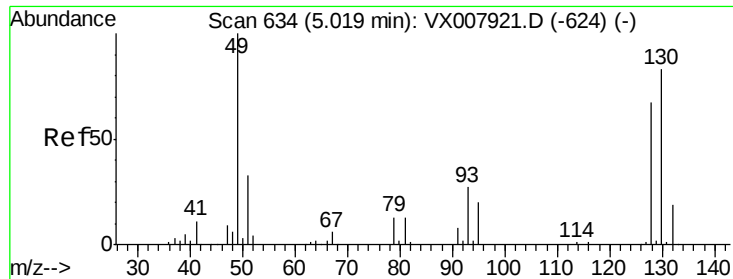
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030819\
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ClientSampleId :
VSTDICC050

Quant Time: Mar 09 03:44:42 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. 0.00 min

Lab File: VX007922.D

Acq: 08 Mar 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

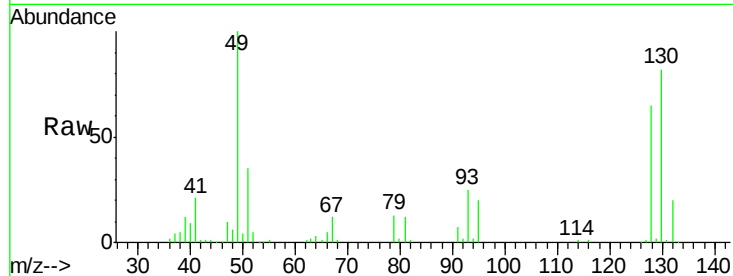
Tot Ion:128 Resp: 45737

Ion Ratio Lower Upper

128 100

49 156.5 0.0 350.8

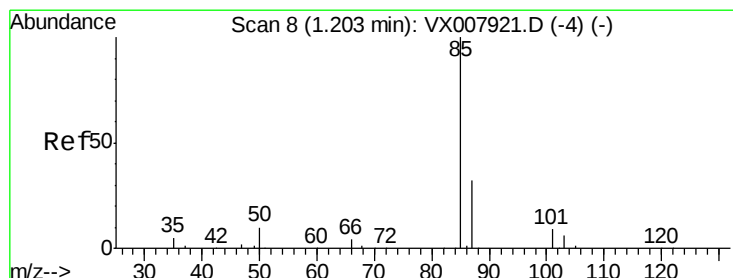
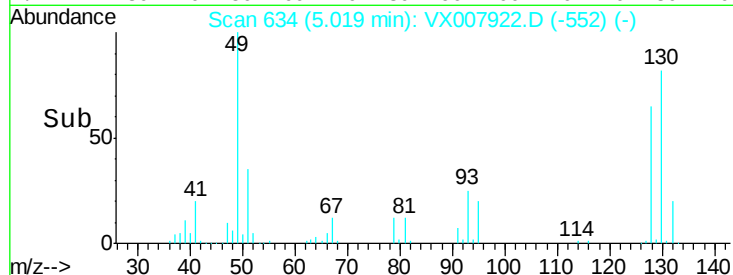
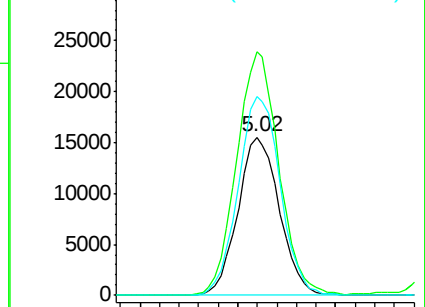
130 127.7 0.0 325.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 48.455 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.00 min

Lab File: VX007922.D

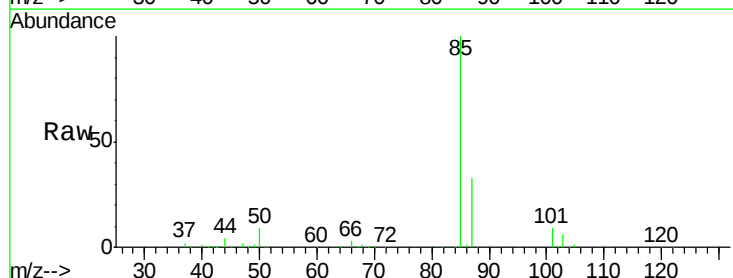
Acq: 08 Mar 2019 10:47

Tgt Ion: 85 Resp: 131567

Ion Ratio Lower Upper

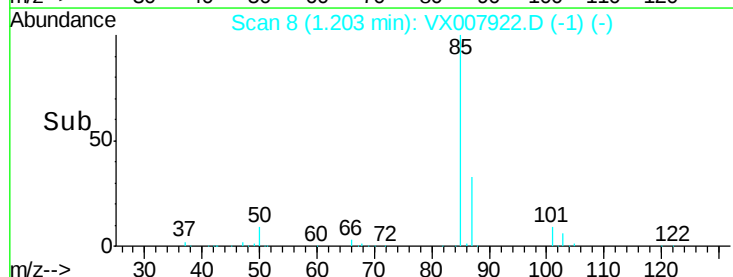
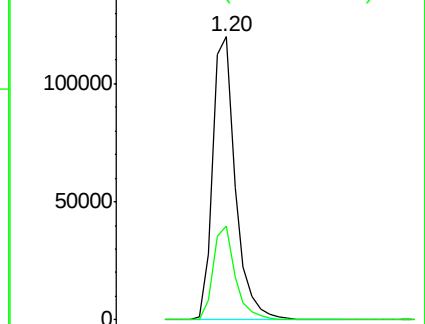
85 100

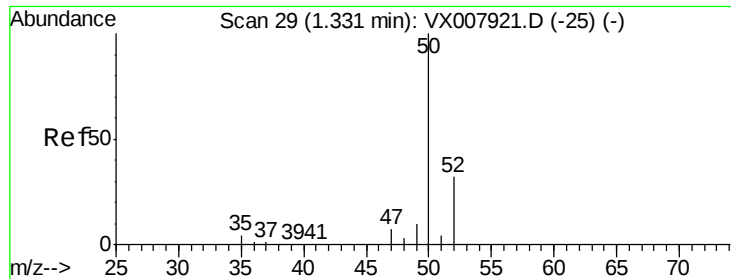
87 33.0 16.6 49.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 47.274 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007922.D

Acq: 08 Mar 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

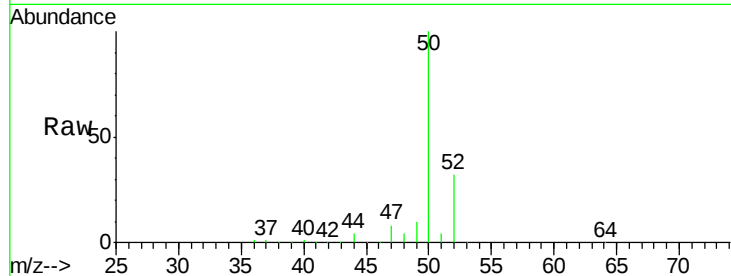
VSTDIC050

Tot Ion: 50 Resp: 142735

Ion Ratio Lower Upper

50 100

52 32.4 27.5 41.3



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

1.33

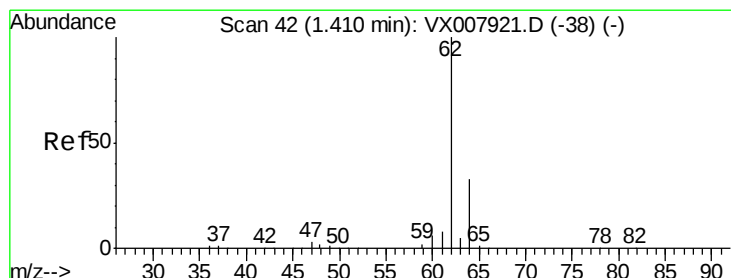
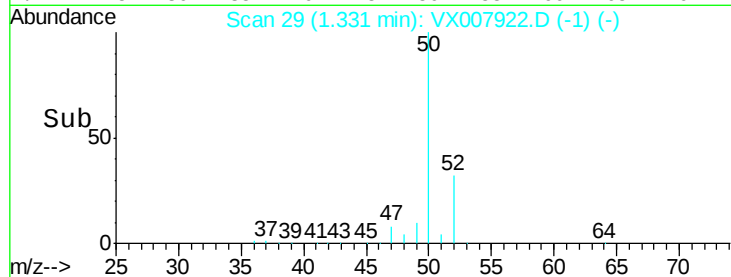
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 46.289 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007922.D

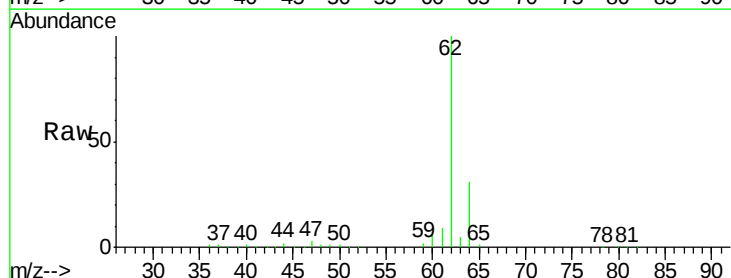
Acq: 08 Mar 2019 10:47

Tgt Ion: 62 Resp: 138441

Ion Ratio Lower Upper

62 100

64 30.9 25.9 38.9



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0

1.41

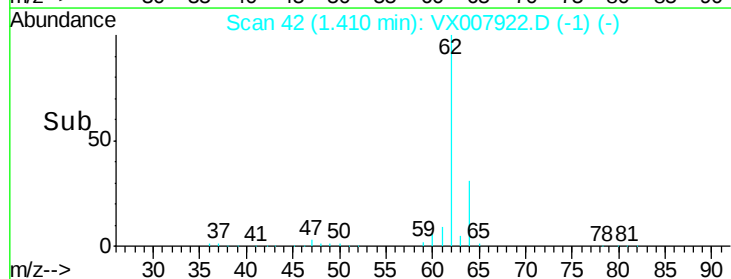
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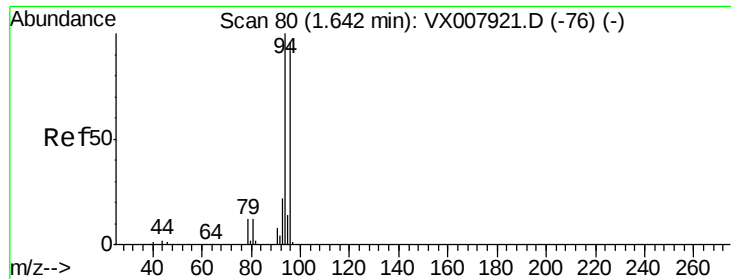
100000

50000

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Time-->





#5

Bromomethane

Concen: 43.048 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007922.D

Acq: 08 Mar 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

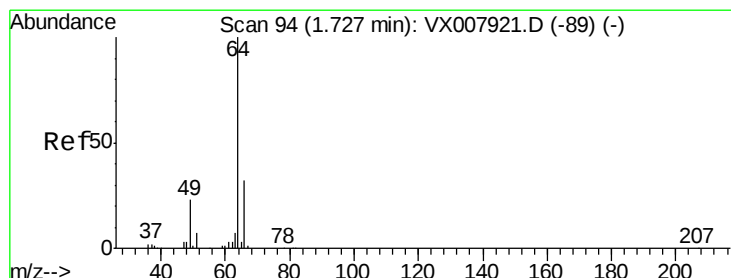
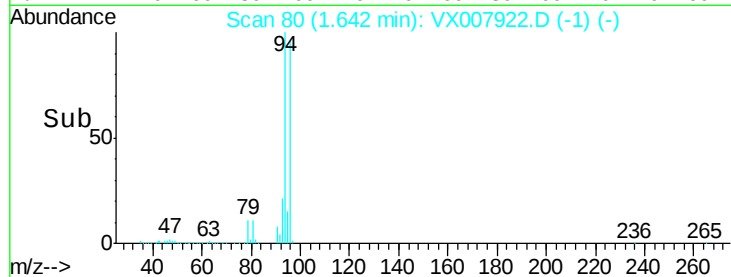
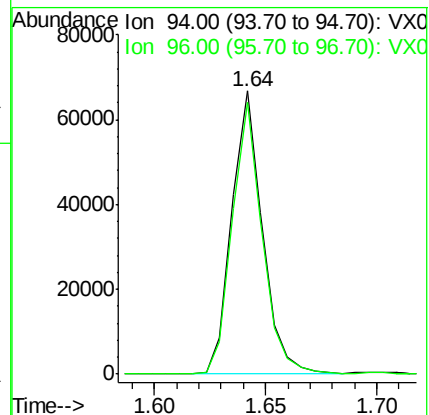
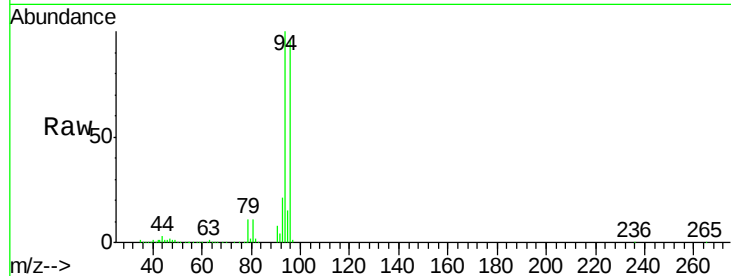
VSTDIC050

Tot Ion: 94 Resp: 64188

Ion Ratio Lower Upper

94 100

96 96.0 75.6 113.4



#6

Chloroethane

Concen: 45.955 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.00 min

Lab File: VX007922.D

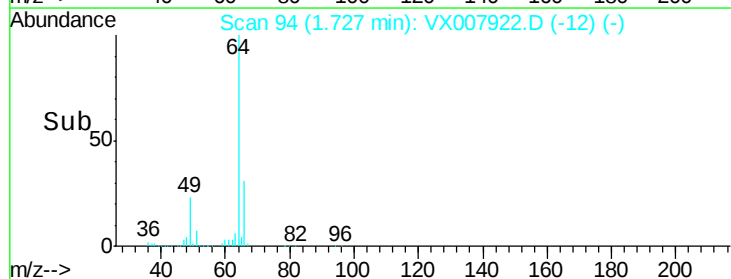
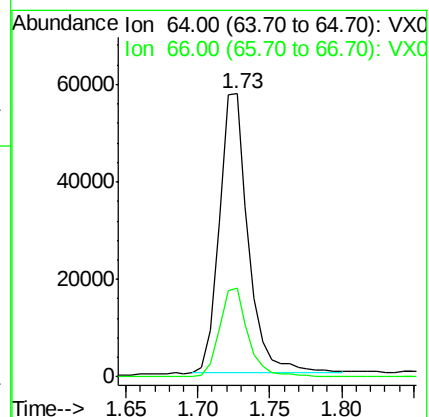
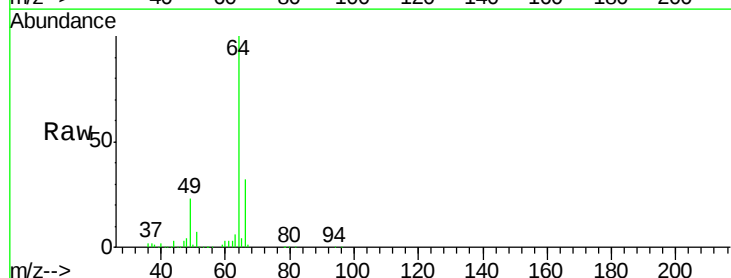
Acq: 08 Mar 2019 10:47

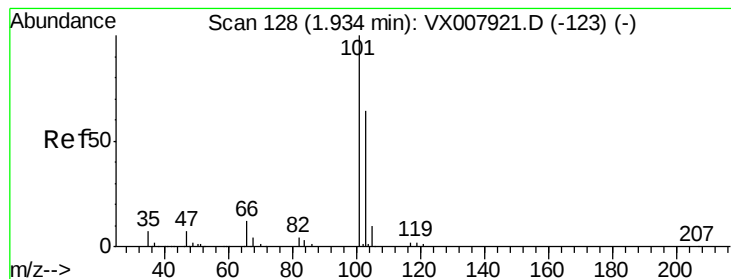
Tgt Ion: 64 Resp: 80268

Ion Ratio Lower Upper

64 100

66 31.9 23.9 35.9



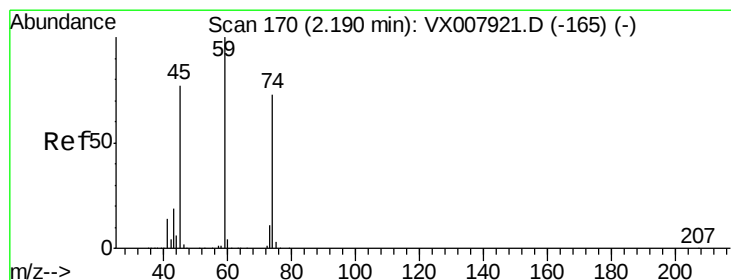
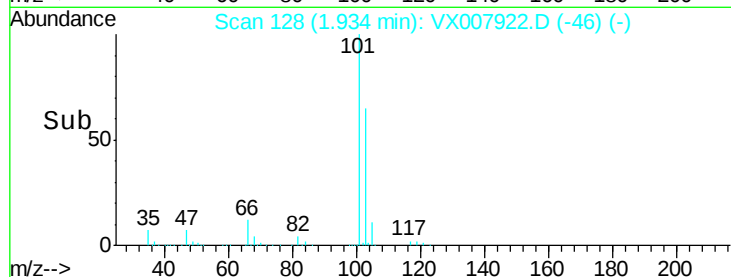
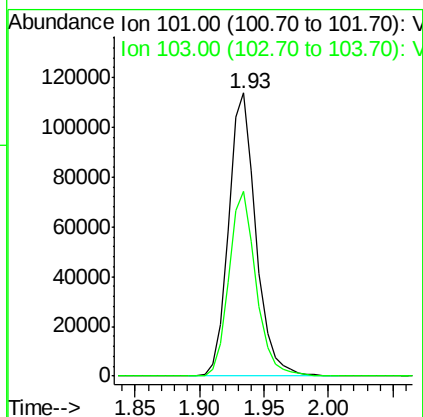
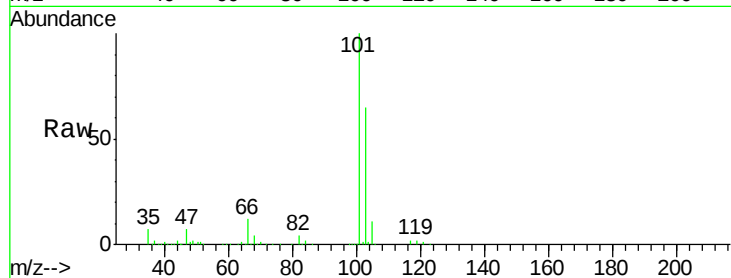


#7

Trichlorofluoromethane
Concen: 45.349 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.00 min
Lab File: VX007922.D
Acq: 08 Mar 2019 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

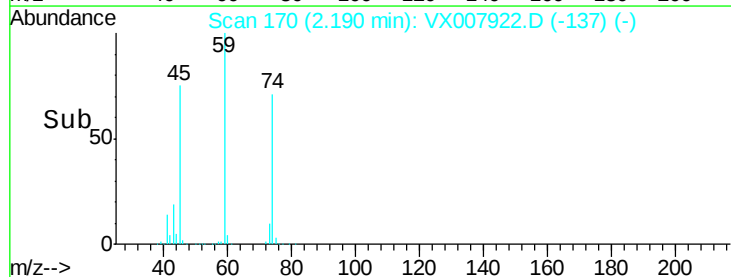
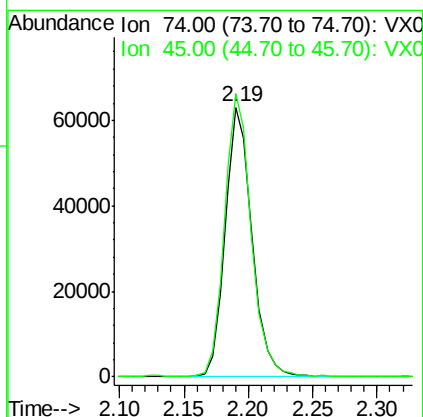
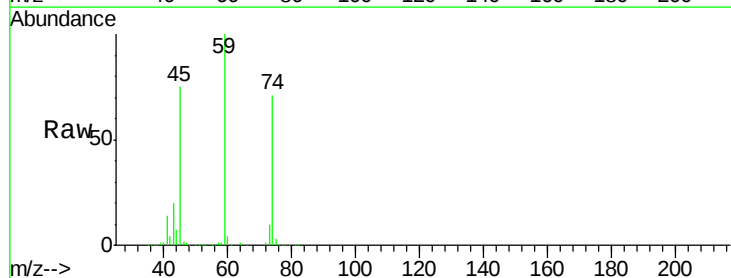
Tot Ion:101 Resp: 168893
Ion Ratio Lower Upper
101 100
103 65.1 50.4 75.6

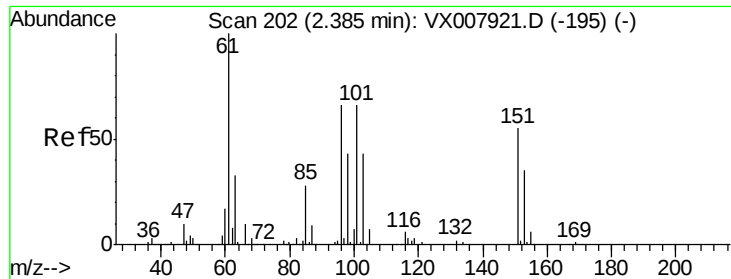


#8

Diethyl Ether
Concen: 47.989 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007922.D
Acq: 08 Mar 2019 10:47

Tgt Ion: 74 Resp: 92042
Ion Ratio Lower Upper
74 100
45 104.1 18.6 167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.925 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007922.D

Acq: 08 Mar 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

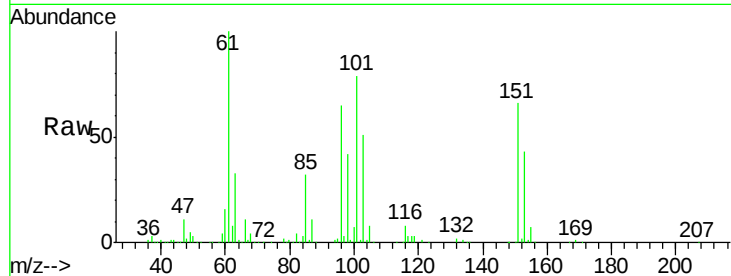
Tot Ion:101 Resp: 134191

Ion Ratio Lower Upper

101 100

85 41.6 0.0 86.8

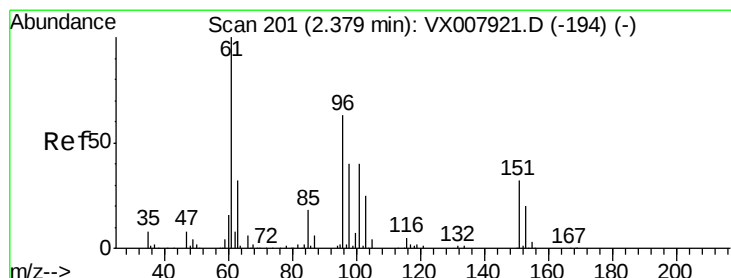
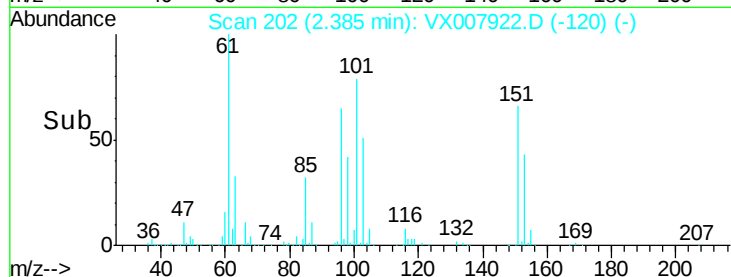
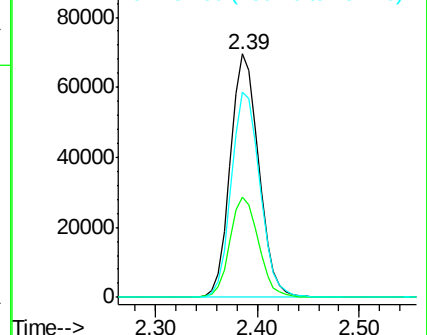
151 85.2 0.0 169.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 47.711 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX007922.D

Acq: 08 Mar 2019 10:47

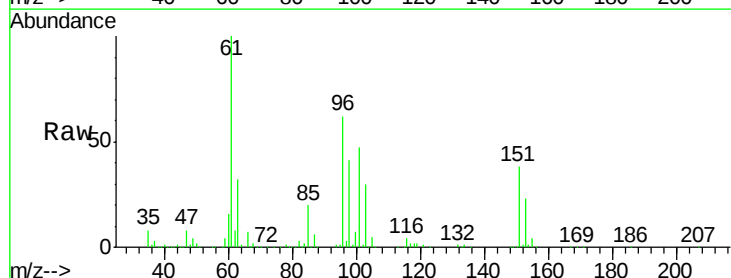
Tgt Ion: 96 Resp: 126624

Ion Ratio Lower Upper

96 100

61 160.0 120.2 180.2

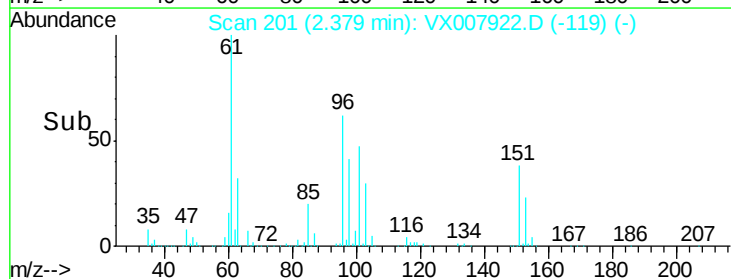
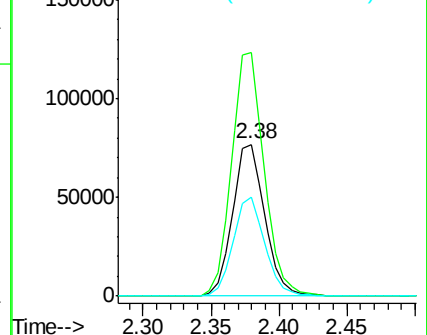
98 65.0 49.0 73.4

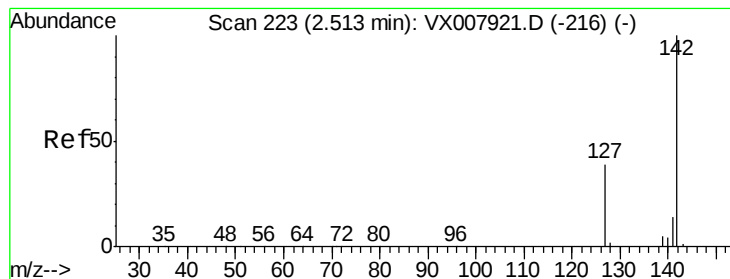


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

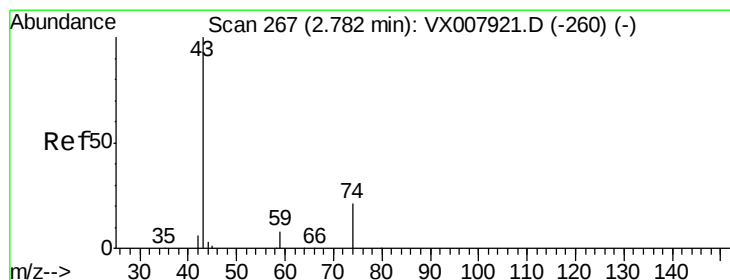
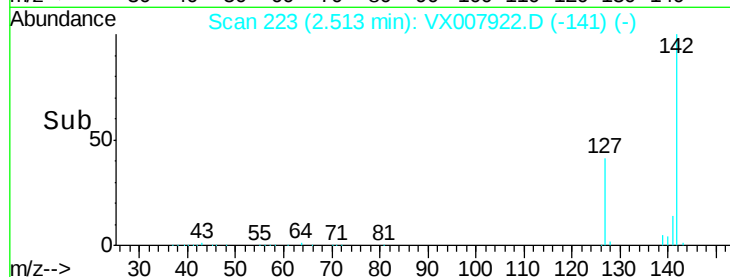
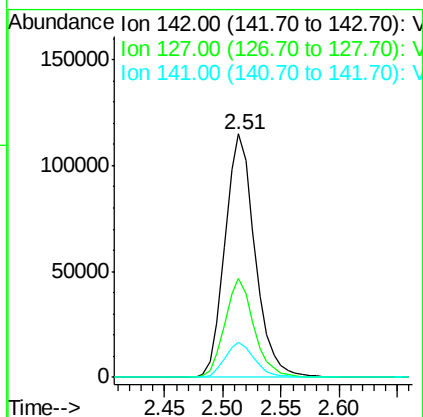
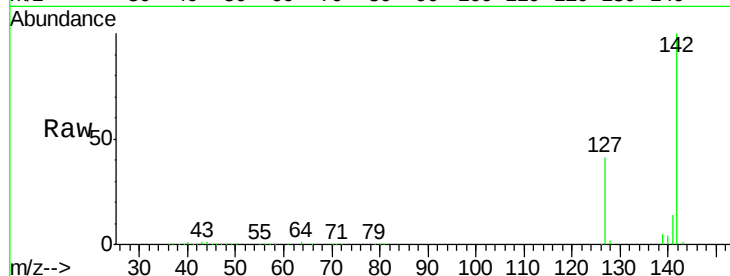




#11
Methvl Iodide
Concen: 49.664 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.00 min
Lab File: VX007922.D
Acq: 08 Mar 2019 10:47

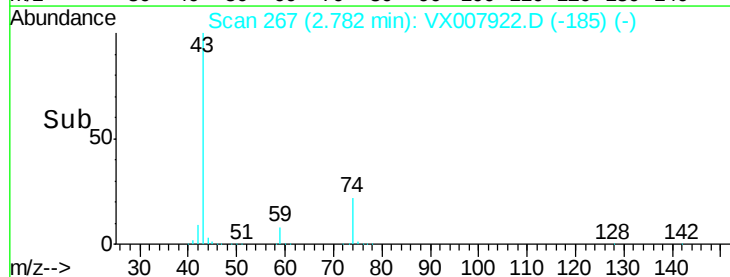
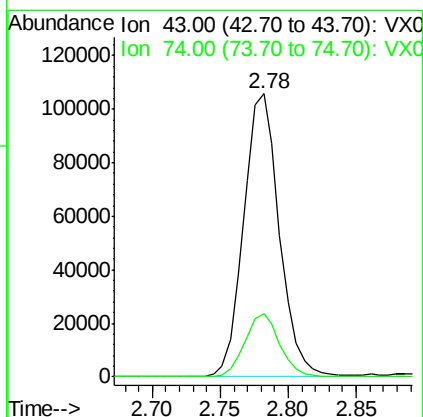
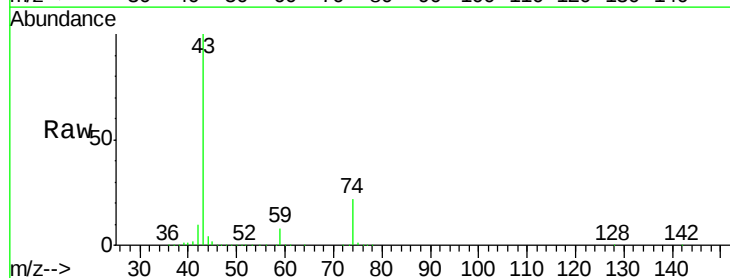
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

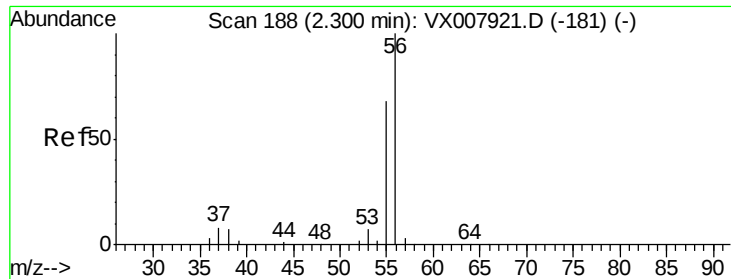
Tot Ion:142 Resp: 206333
Ion Ratio Lower Upper
142 100
127 40.8 22.1 66.5
141 14.4 7.4 22.3



#12
Methyl Acetate
Concen: 45.993 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007922.D
Acq: 08 Mar 2019 10:47

Tgt Ion: 43 Resp: 193050
Ion Ratio Lower Upper
43 100
74 22.1 19.4 29.0

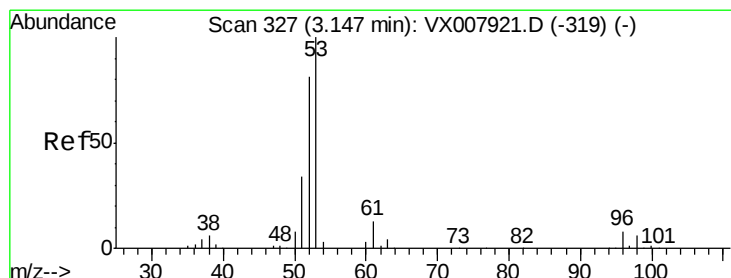
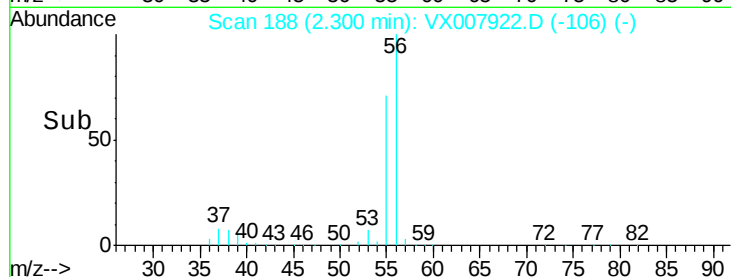
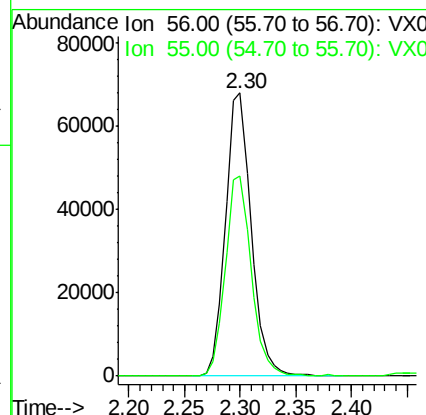
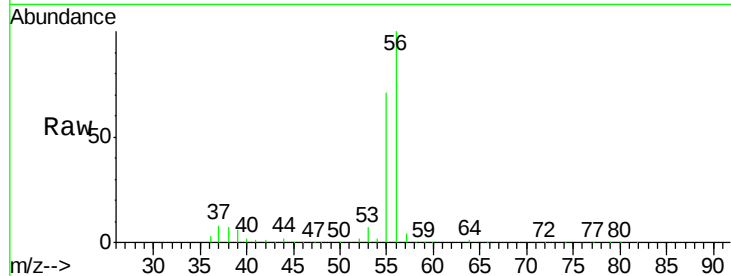




#13
Acrolein
Concen: 222.214 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.00 min
Lab File: VX007922.D
Acq: 08 Mar 2019 10:47

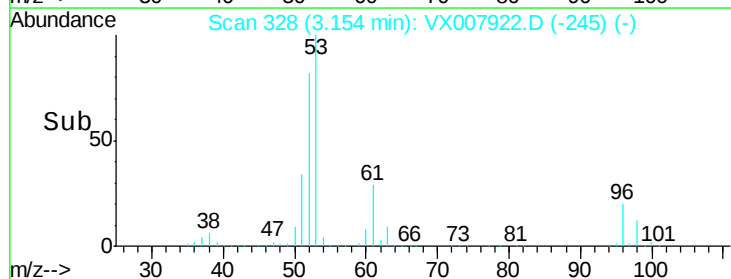
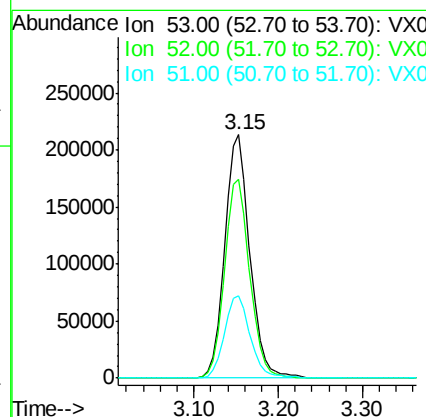
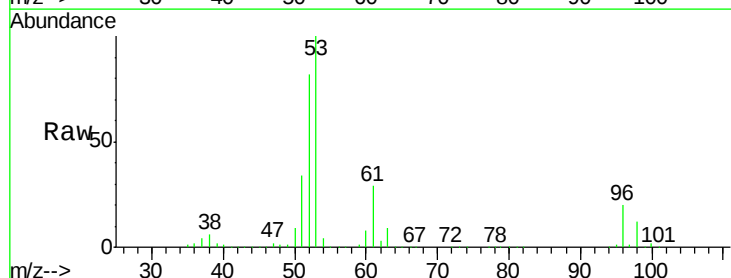
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

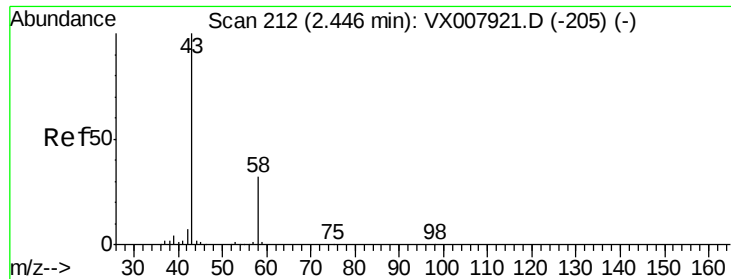
Tot Ion: 56 Resp: 109425
Ion Ratio Lower Upper
56 100
55 70.4 58.6 87.8



#14
Acrylonitrile
Concen: 241.910 ug/l
RT: 3.15 min Scan# 328
Delta R.T. 0.01 min
Lab File: VX007922.D
Acq: 08 Mar 2019 10:47

Tgt Ion: 53 Resp: 431029
Ion Ratio Lower Upper
53 100
52 82.5 41.3 124.1
51 35.3 17.5 52.6





#15

Acetone

Concen: 247.326 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007922.D

Acq: 08 Mar 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

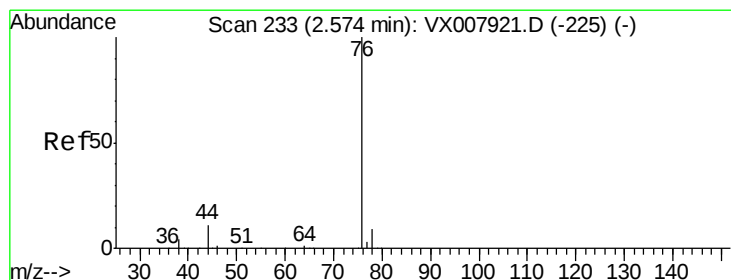
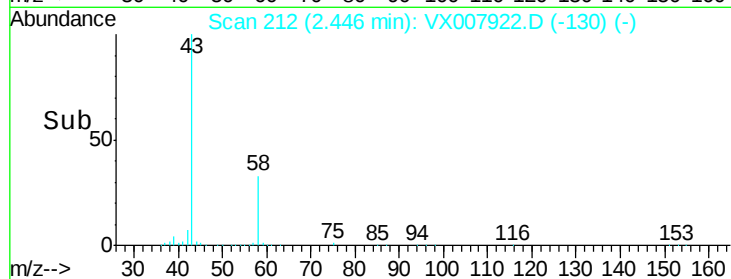
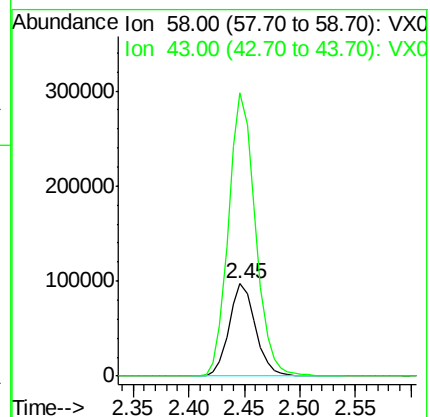
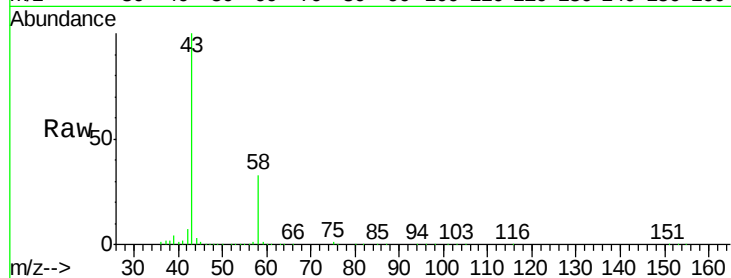
VSTDIC050

Tot Ion: 58 Resp: 159102

Ion Ratio Lower Upper

58 100

43 307.5 249.8 374.6



#16

Carbon Disulfide

Concen: 48.397 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007922.D

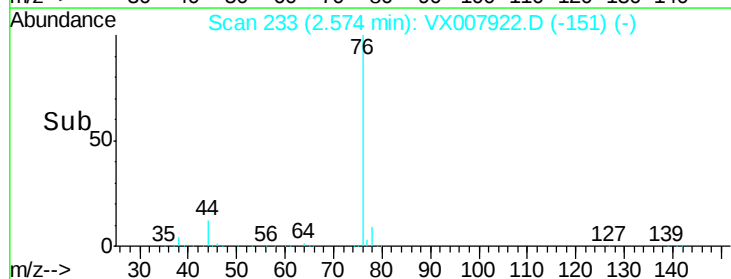
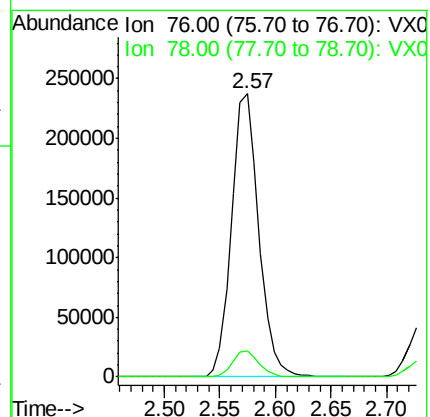
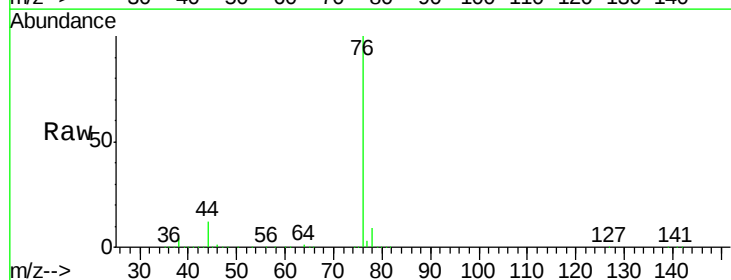
Acq: 08 Mar 2019 10:47

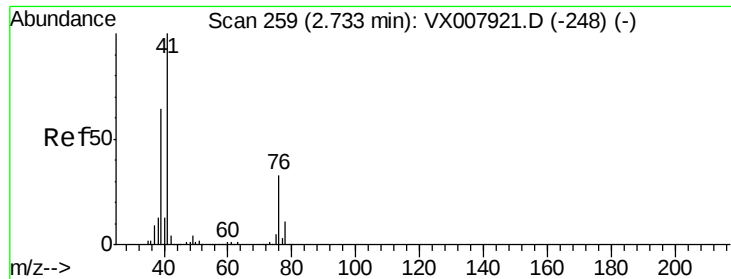
Tgt Ion: 76 Resp: 402986

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

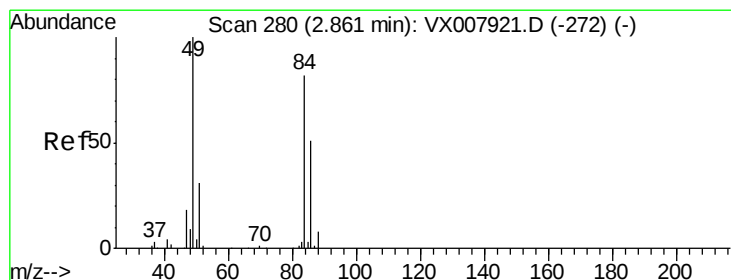
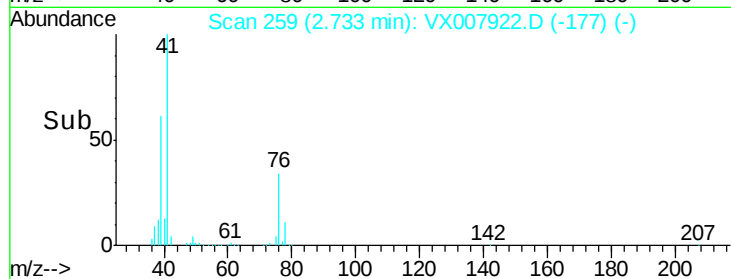
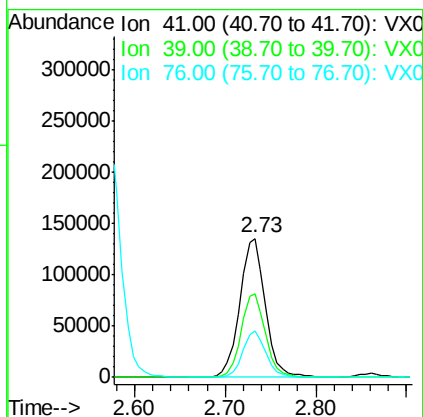
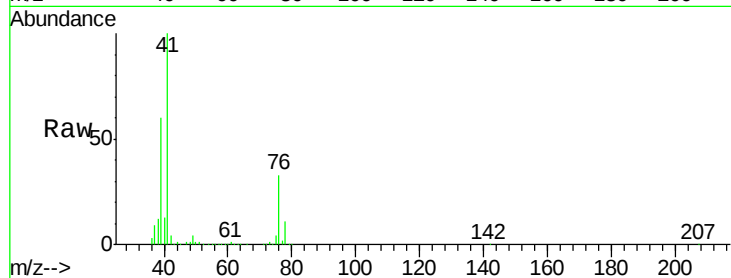




#17
Allvl chloride
Concen: 48.289 ug/l
RT: 2.73 min Scan# 259
Delta R.T. 0.00 min
Lab File: VX007922.D
Acq: 08 Mar 2019 10:47

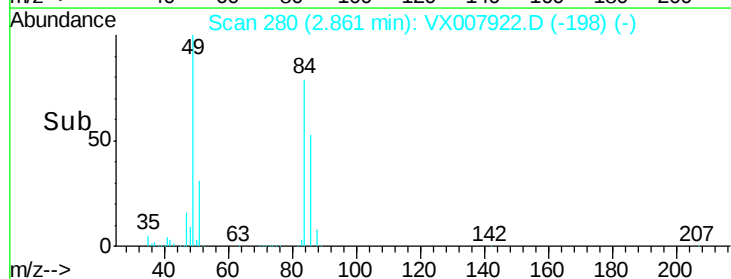
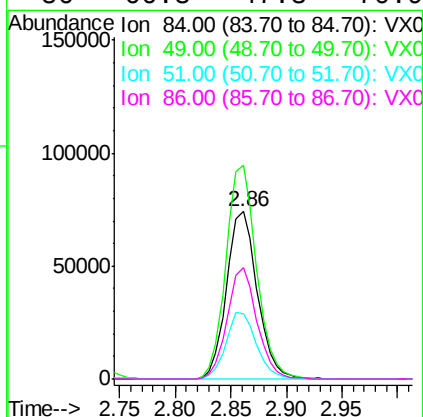
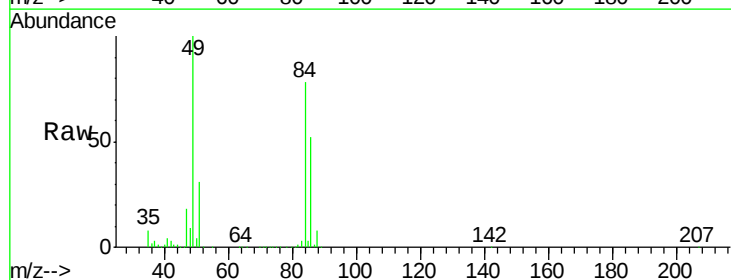
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

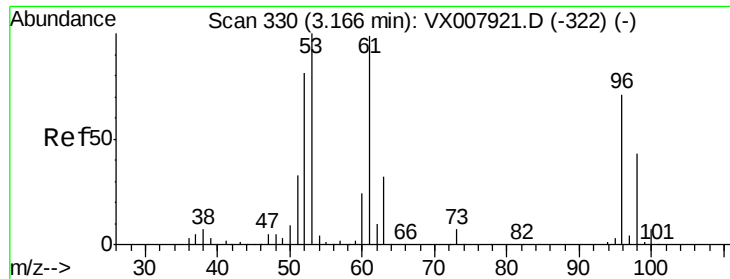
Tot Ion: 41 Resp: 262748
Ion Ratio Lower Upper
41 100
39 60.4 35.8 107.4
76 33.4 18.3 54.9



#18
Methylene Chloride
Concen: 46.937 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007922.D
Acq: 08 Mar 2019 10:47

Tgt Ion: 84 Resp: 141913
Ion Ratio Lower Upper
84 100
49 127.4 96.1 144.1
51 39.1 29.1 43.7
86 66.3 47.3 70.9

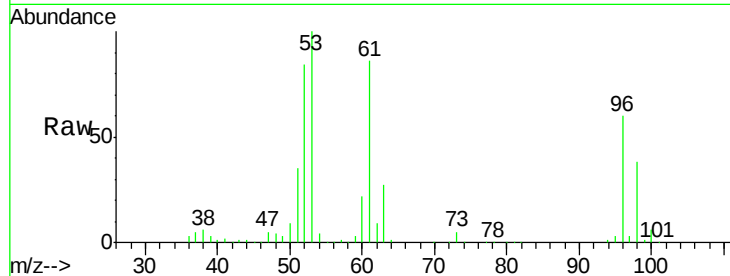




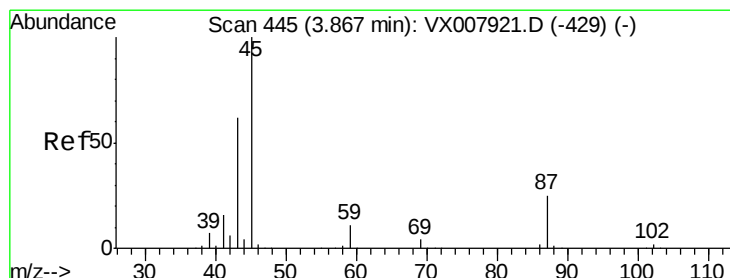
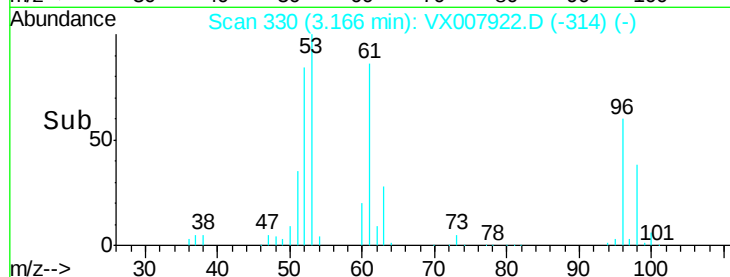
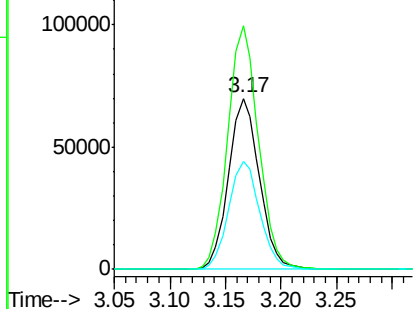
#19
trans-1,2-Dichloroethene
Concen: 47.831 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX007922.D
Acq: 08 Mar 2019 10:47

Instrument :
MSVOA_X
ClientSampled :
VSTDIC050

Tot Ion: 96 Resp: 134314
Ion Ratio Lower Upper
96 100
61 142.6 109.9 164.9
98 63.4 50.4 75.6

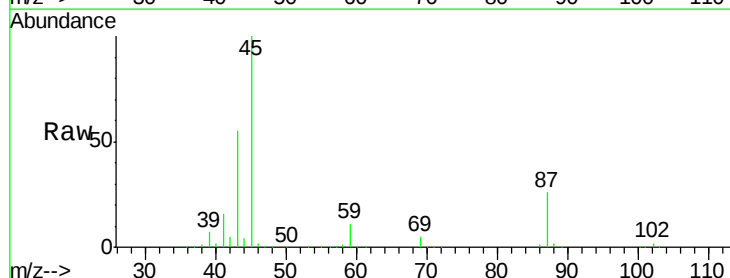


Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

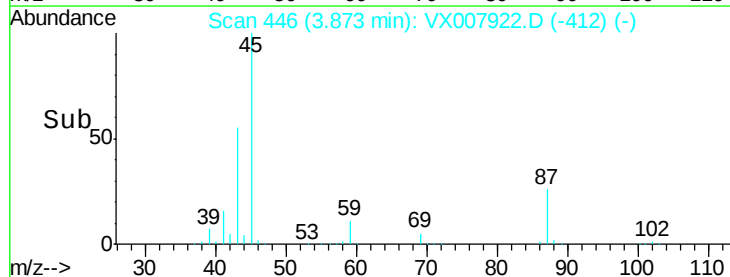
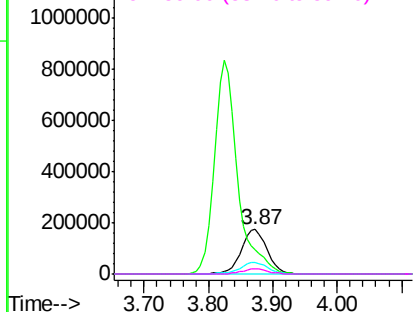


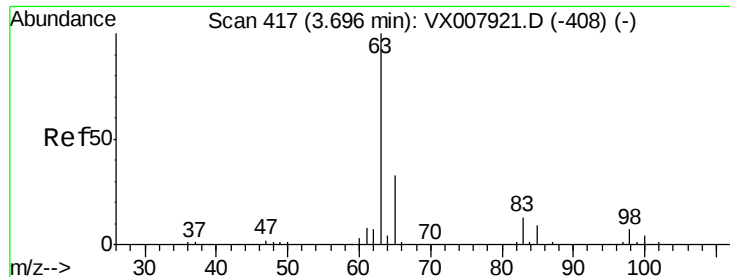
#20
Diisopropyl ether
Concen: 47.957 ug/l
RT: 3.87 min Scan# 446
Delta R.T. 0.01 min
Lab File: VX007922.D
Acq: 08 Mar 2019 10:47

Tgt Ion: 45 Resp: 477367
Ion Ratio Lower Upper
45 100
43 54.7 50.6 76.0
87 26.4 24.5 36.7
59 11.3 10.2 15.2



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

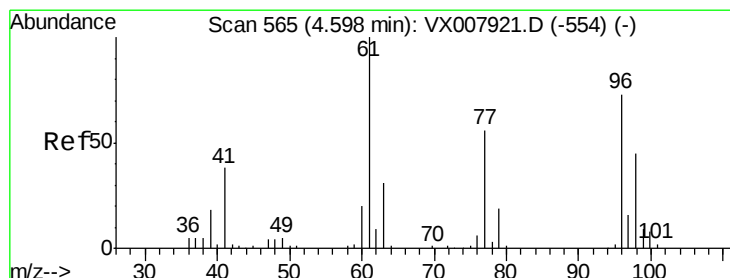
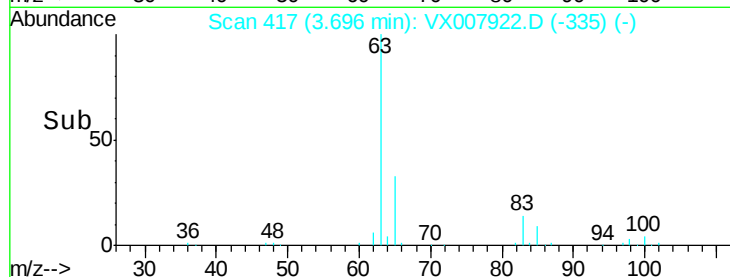
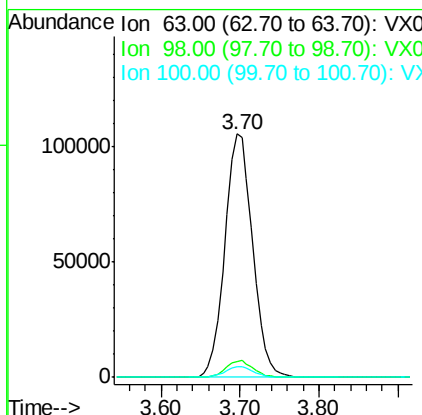
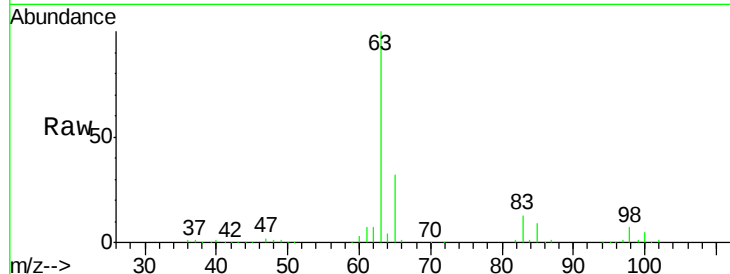




#21
1,1-Dichloroethane
Concen: 47.615 ug/l
RT: 3.70 min Scan# 417
Delta R.T. 0.00 min
Lab File: VX007922.D
Acq: 08 Mar 2019 10:47

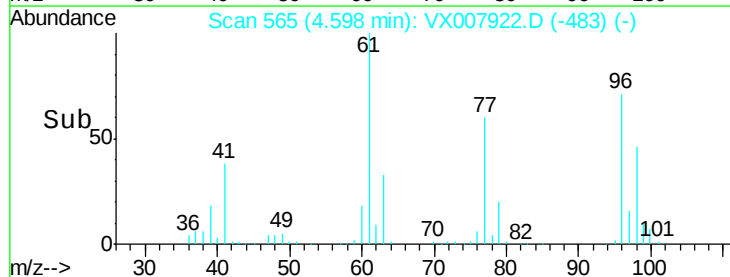
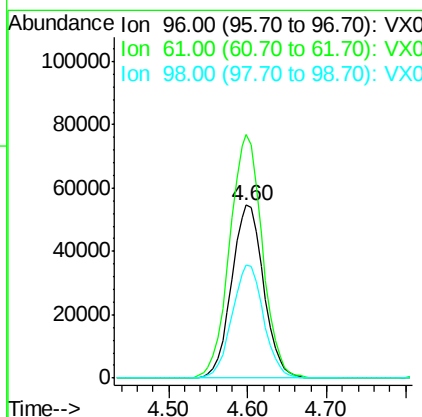
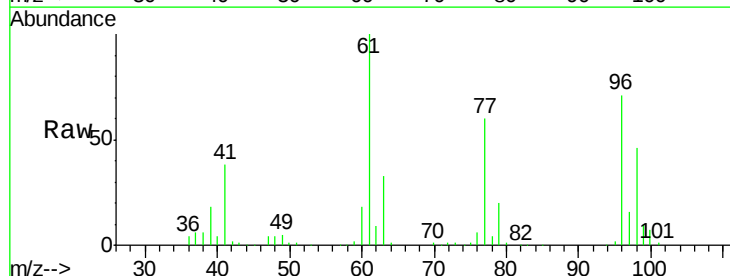
Instrument :
MSVOA_X
ClientSampled :
VSTDIC050

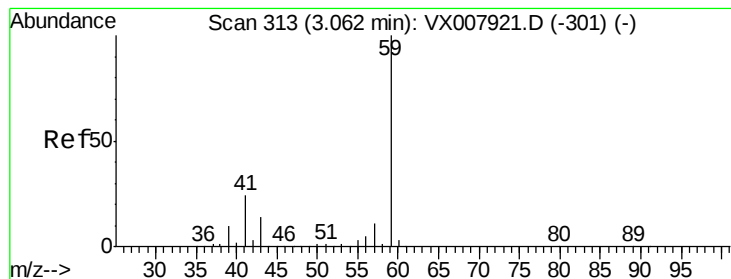
Tot Ion: 63 Resp: 257770
Ion Ratio Lower Upper
63 100
98 6.7 3.8 11.4
100 4.5 2.4 7.1



#22
cis-1,2-Dichloroethene
Concen: 47.631 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007922.D
Acq: 08 Mar 2019 10:47

Tgt Ion: 96 Resp: 154287
Ion Ratio Lower Upper
96 100
61 143.5 103.5 155.3
98 64.6 52.1 78.1



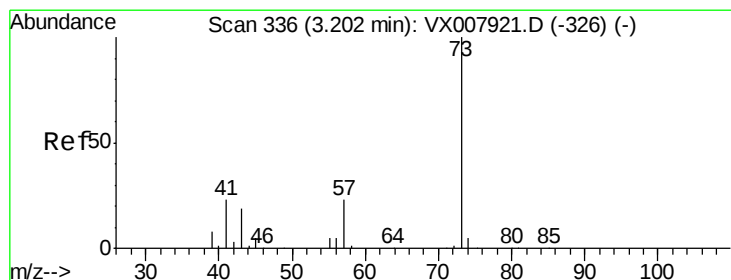
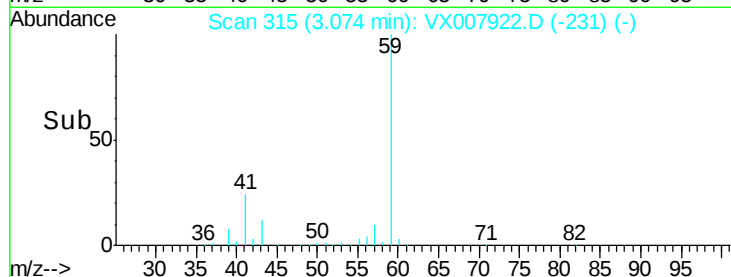
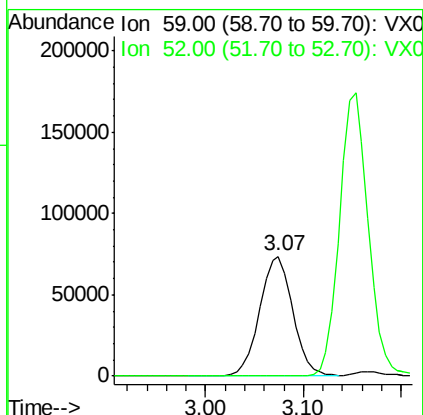
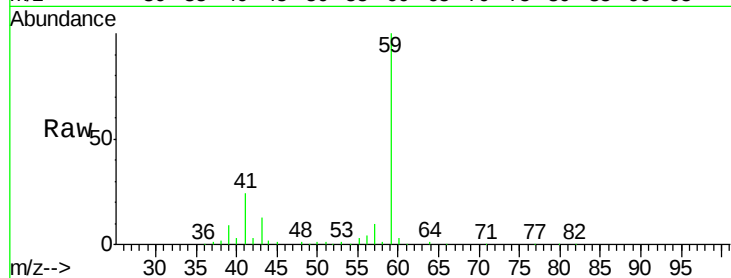


#23

tert-Butyl Alcohol
 Concen: 241.764 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. 0.01 min
 Lab File: VX007922.D
 Acq: 08 Mar 2019 10:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

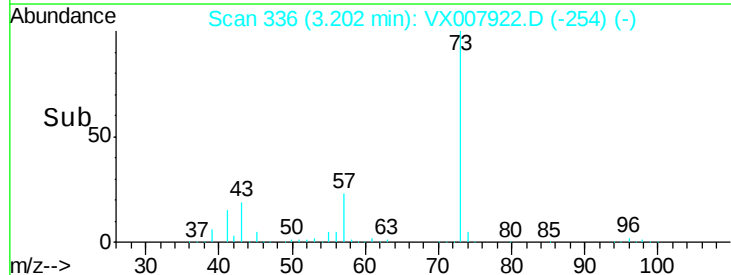
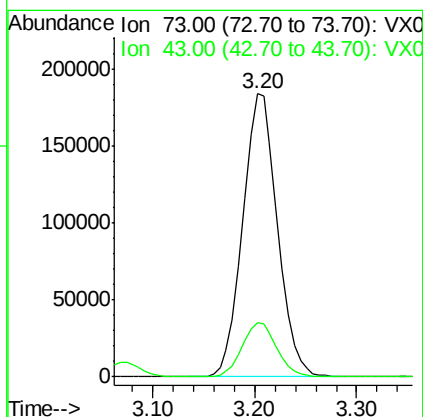
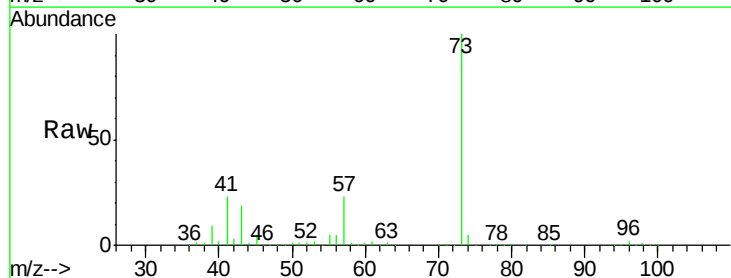
Tot Ion: 59 Resp: 173785
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.2 0.2#

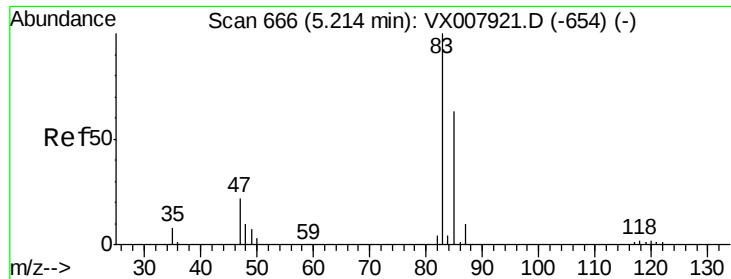


#24

Methyl tert-Butyl Ether
 Concen: 47.663 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX007922.D
 Acq: 08 Mar 2019 10:47

Tgt Ion: 73 Resp: 434921
 Ion Ratio Lower Upper
 73 100
 43 19.0 17.1 25.7

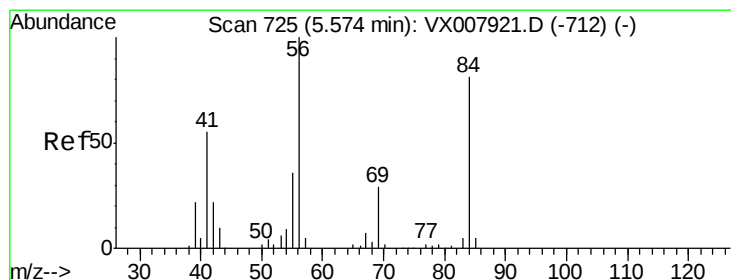
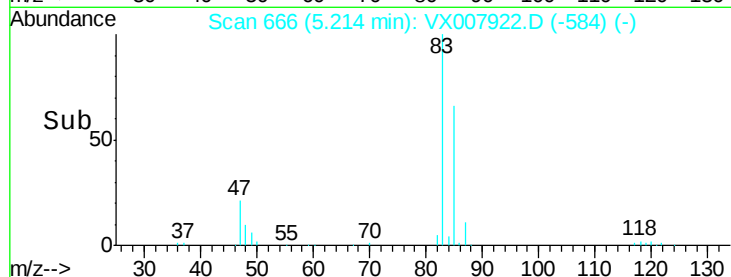
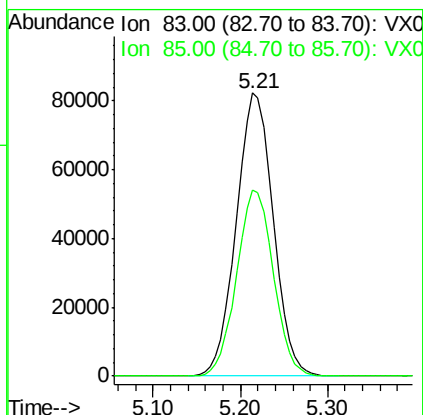
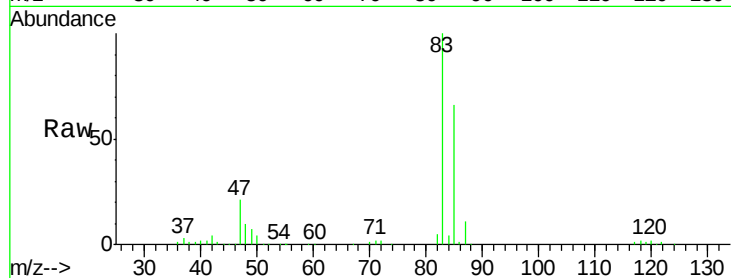




#25
Chloroform
Concen: 47.418 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007922.D
Acq: 08 Mar 2019 10:47

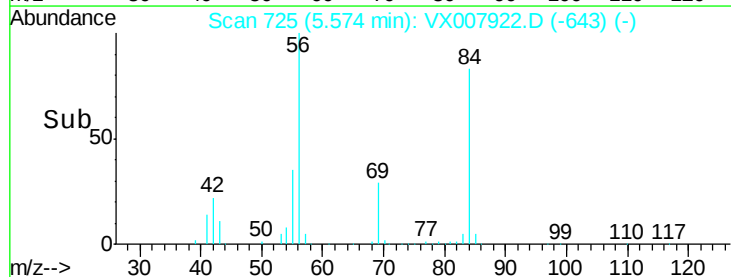
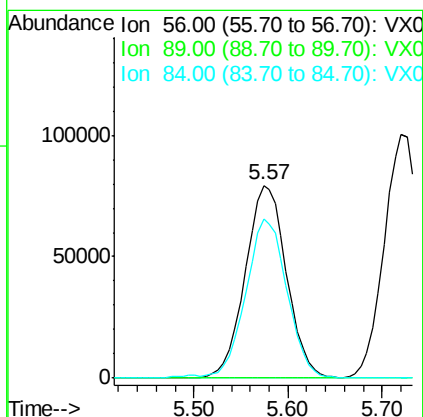
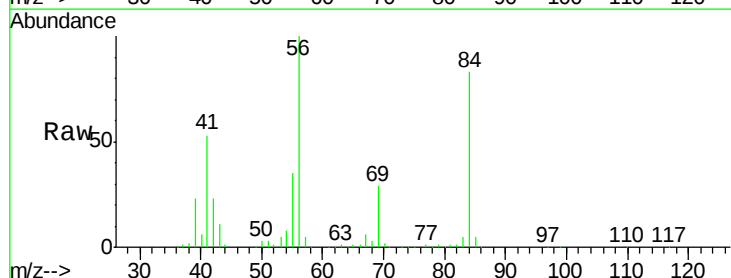
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

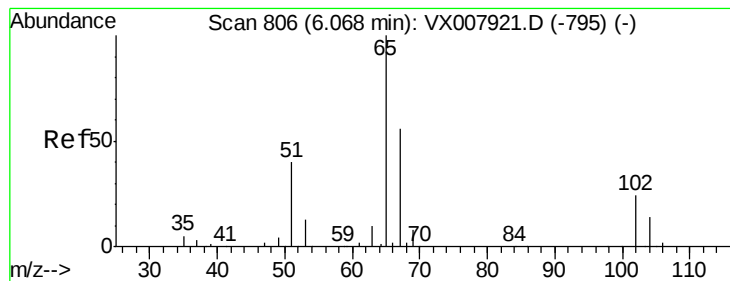
Tot Ion: 83 Resp: 242299
Ion Ratio Lower Upper
83 100
85 65.9 53.8 80.6



#26
Cyclohexane
Concen: 48.381 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX007922.D
Acq: 08 Mar 2019 10:47

Tgt Ion: 56 Resp: 242029
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 82.7 73.9 110.9





#27

1,2-Dichloroethane-d4

Concen: 29.207 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007922.D

Acq: 08 Mar 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

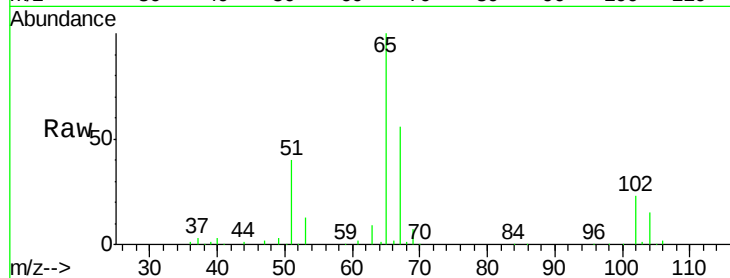
VSTDIC050

Tot Ion: 65 Resp: 87804

Ion Ratio Lower Upper

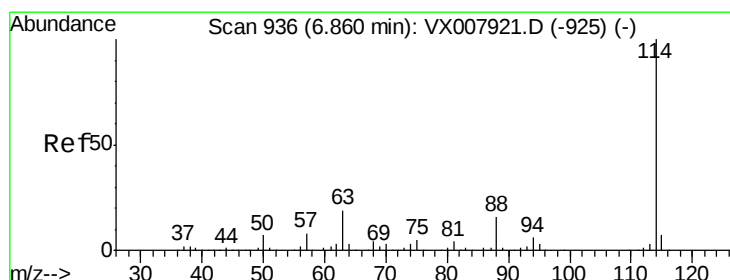
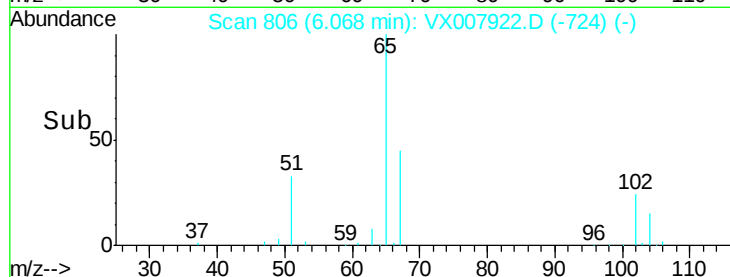
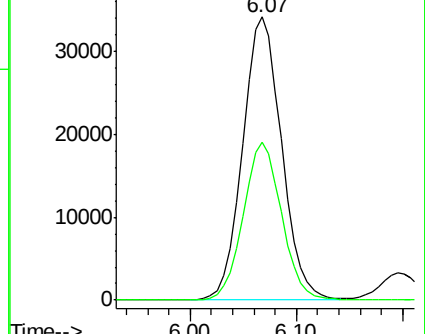
65 100

67 54.8 42.9 64.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007922.D

Acq: 08 Mar 2019 10:47

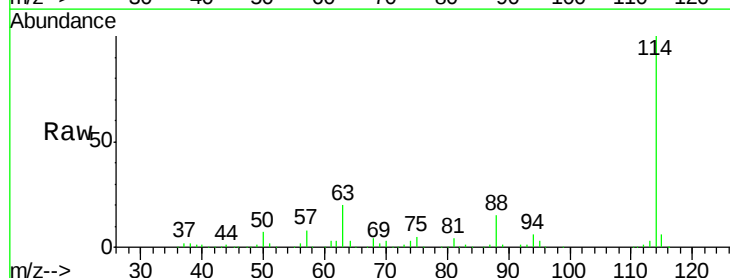
Tgt Ion: 114 Resp: 244279

Ion Ratio Lower Upper

114 100

63 19.9 14.2 21.4

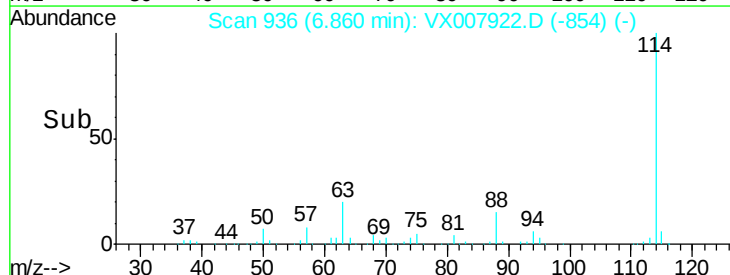
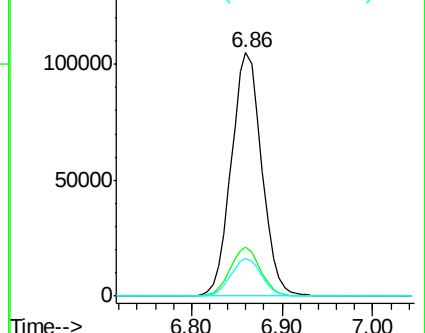
88 15.6 11.9 17.9

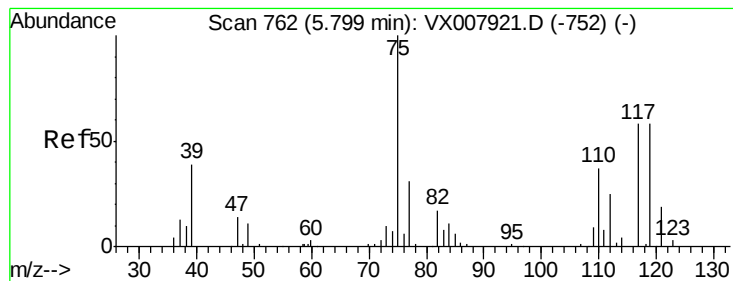


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 48.740 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX007922.D

Acq: 08 Mar 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

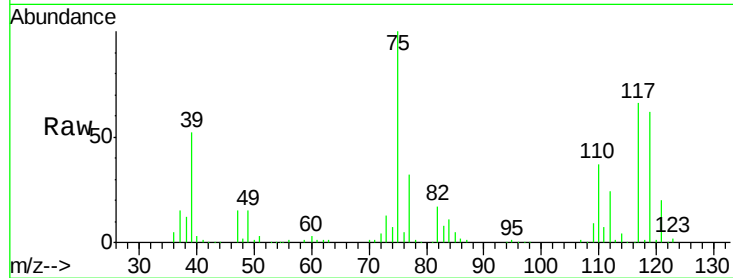
Tot Ion: 75 Resp: 188782

Ion Ratio Lower Upper

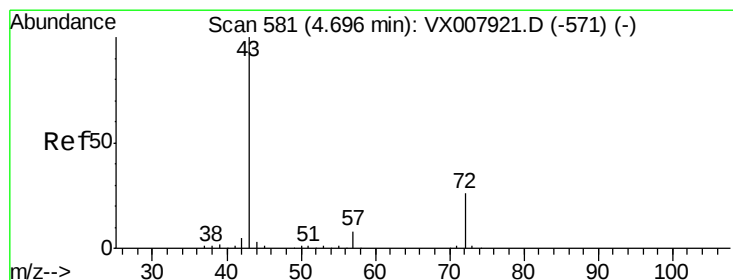
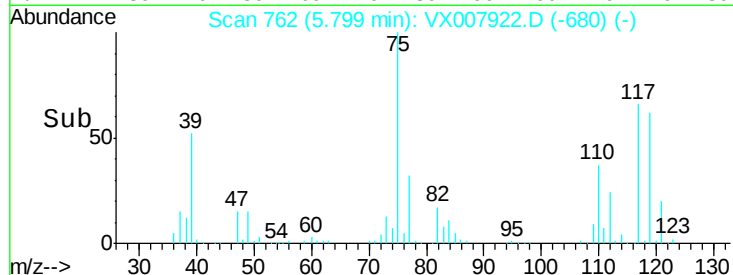
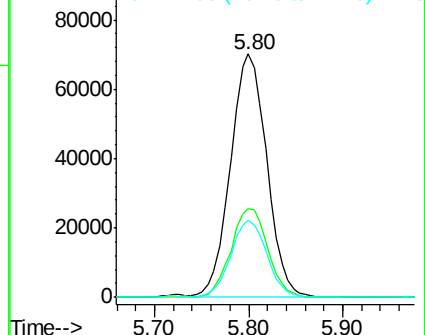
75 100

110 37.0 0.0 80.8

77 31.5 0.0 62.4



Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 110.00 (109.70 to 110.70): V
Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 250.118 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.00 min

Lab File: VX007922.D

Acq: 08 Mar 2019 10:47

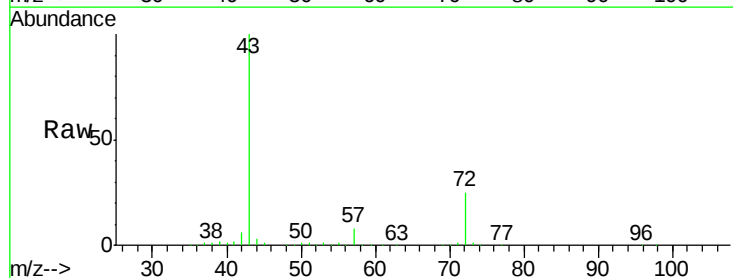
Tgt Ion: 43 Resp: 653397

Ion Ratio Lower Upper

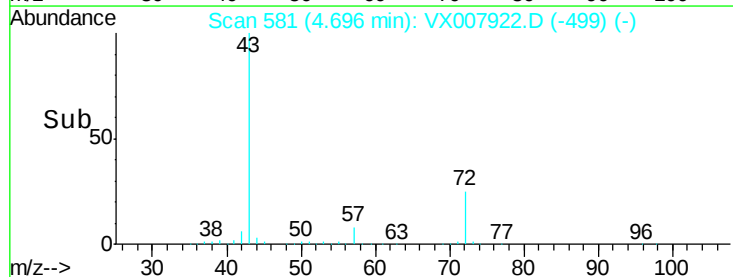
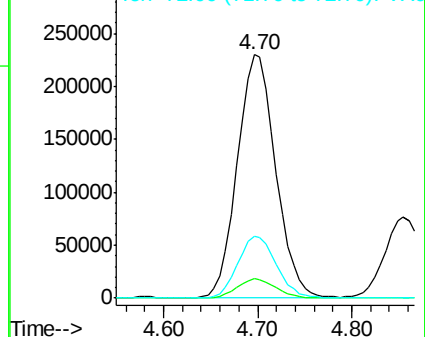
43 100

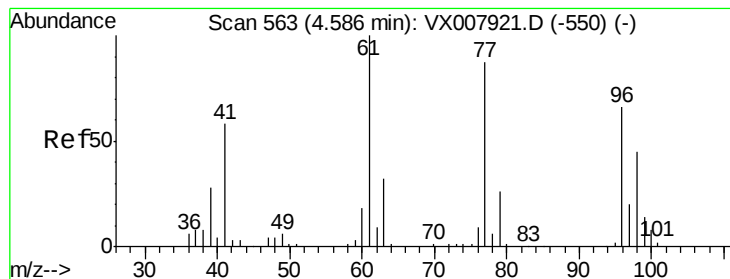
57 7.9 7.0 10.6

72 25.6 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 57.00 (56.70 to 57.70): VX0
Ion 72.00 (71.70 to 72.70): VX0





#31

2,2-Dichloropropane

Concen: 48.893 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX007922.D

Acq: 08 Mar 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

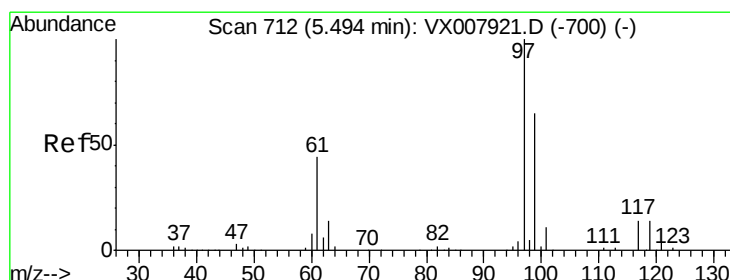
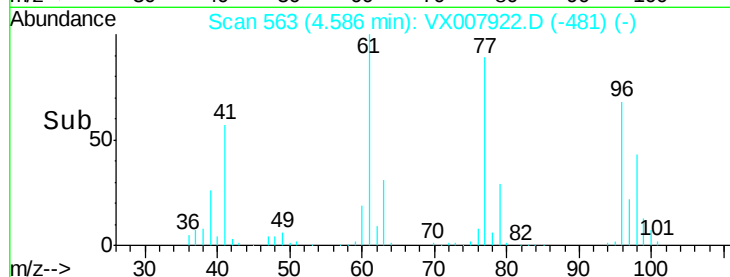
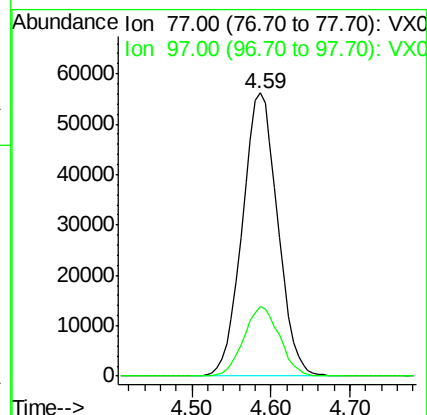
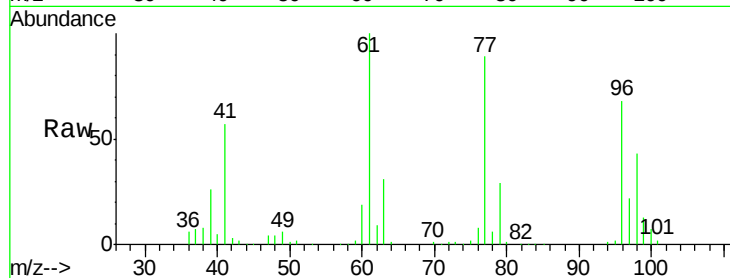
VSTDIC050

Tot Ion: 77 Resp: 174914

Ion Ratio Lower Upper

77 100

97 24.9 20.6 31.0



#32

1,1,1-Trichloroethane

Concen: 48.885 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX007922.D

Acq: 08 Mar 2019 10:47

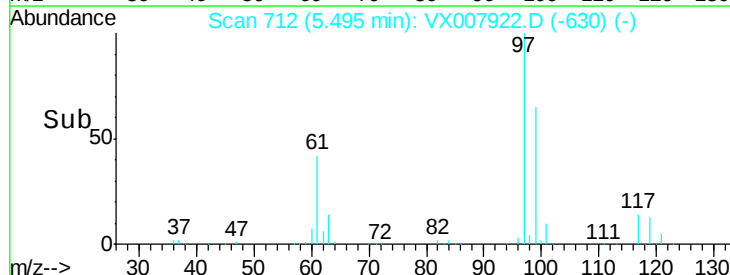
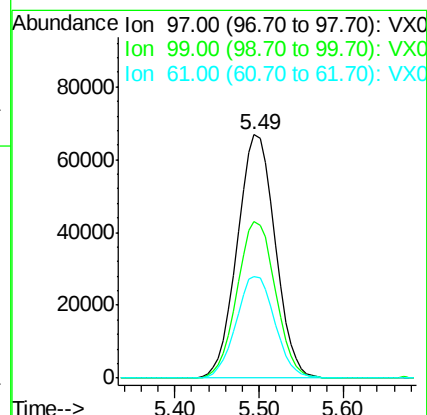
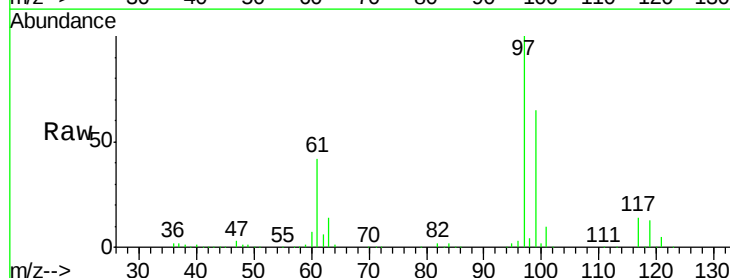
Tgt Ion: 97 Resp: 204744

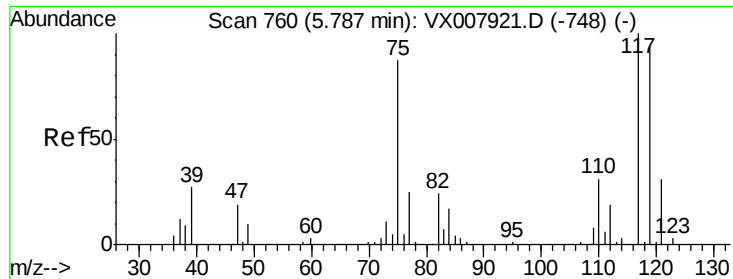
Ion Ratio Lower Upper

97 100

99 64.8 51.7 77.5

61 42.6 32.8 49.2





#33

Carbon Tetrachloride

Concen: 49.181 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX007922.D

Acq: 08 Mar 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

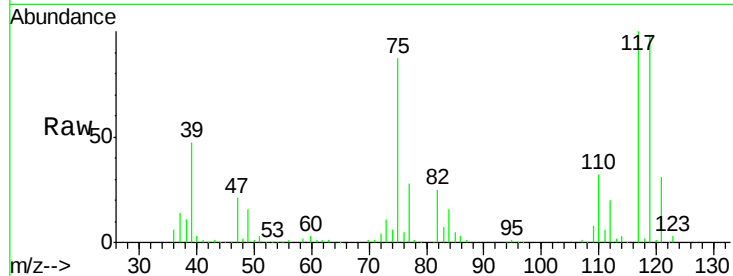
Tot Ion:117 Resp: 182705

Ion Ratio Lower Upper

117 100

119 98.0 78.1 117.1

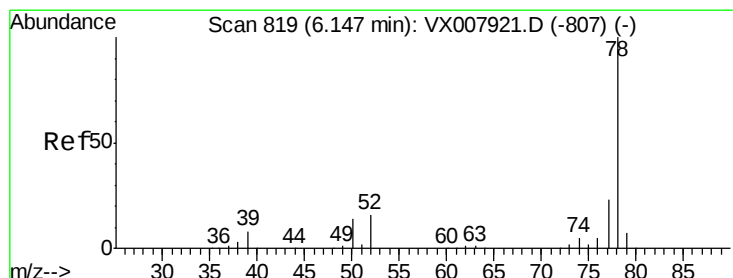
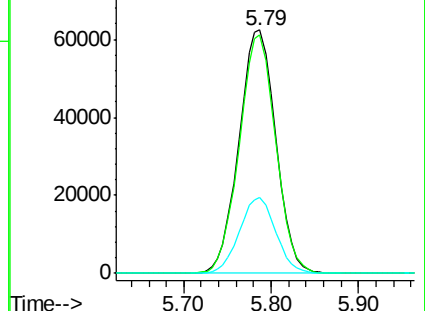
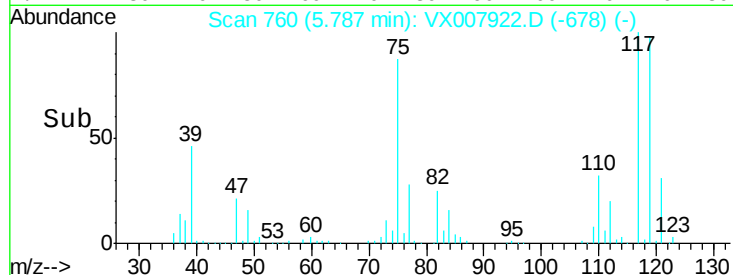
121 31.2 27.0 40.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 48.713 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX007922.D

Acq: 08 Mar 2019 10:47

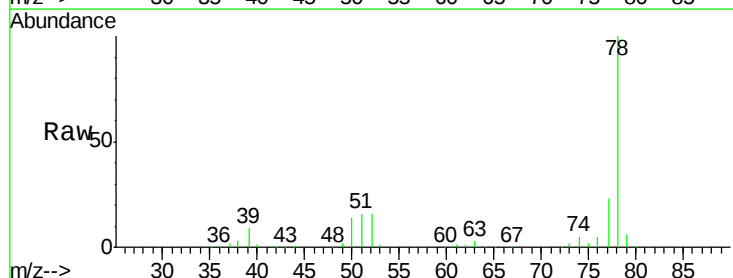
Tgt Ion: 78 Resp: 578219

Ion Ratio Lower Upper

78 100

77 23.4 19.1 28.7

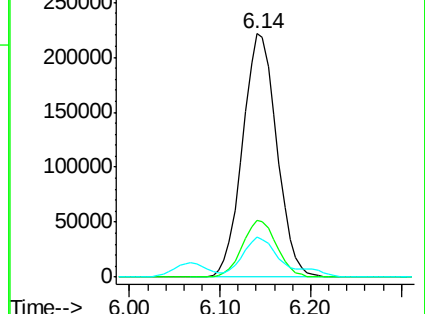
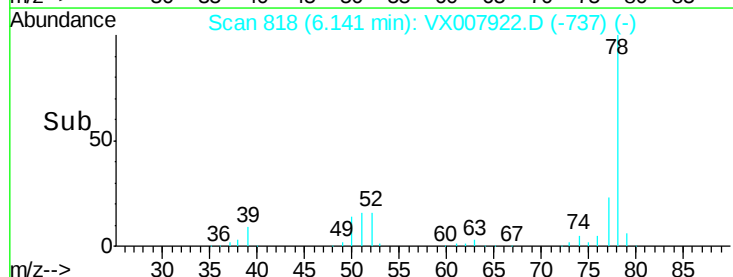
51 15.8 10.8 16.2

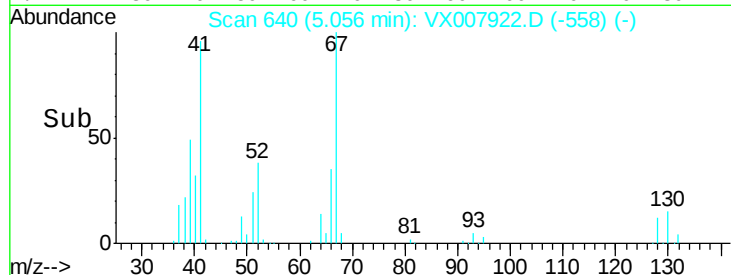
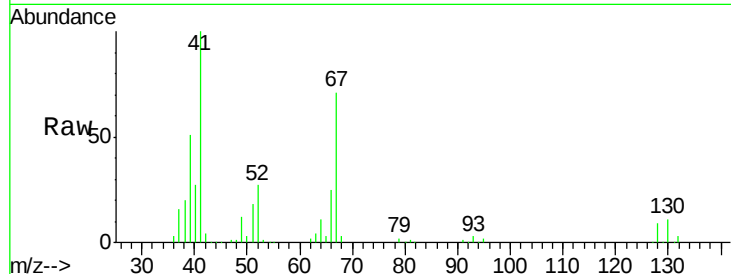
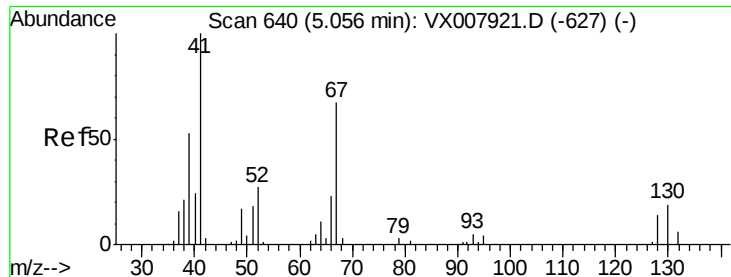


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

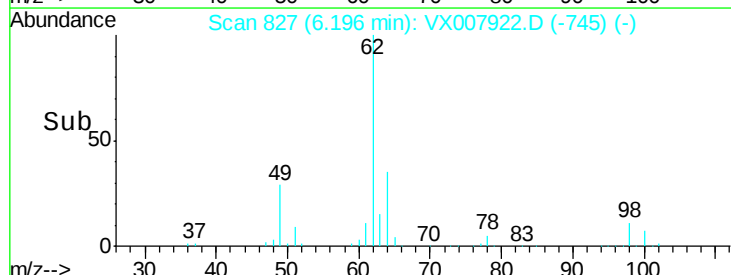
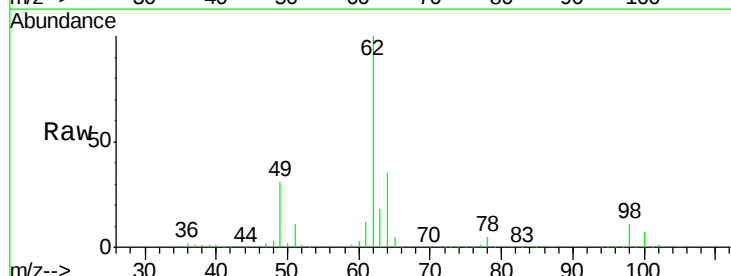
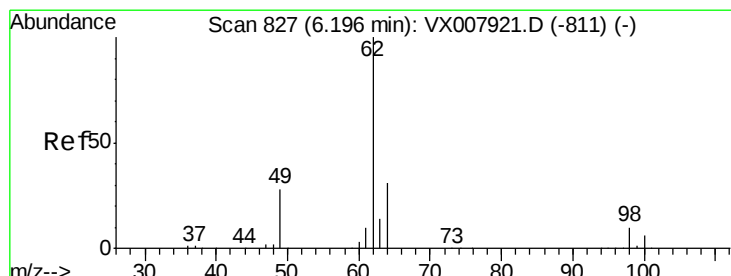
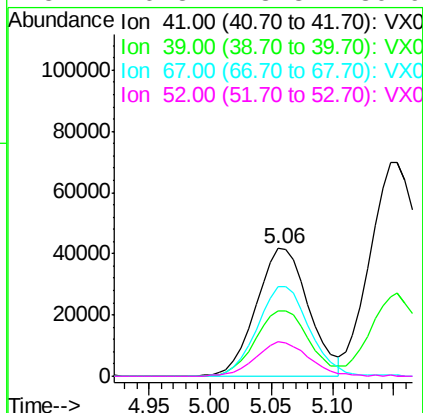




#35
Methacrylonitrile
Concen: 49.129 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.00 min
Lab File: VX007922.D
Acq: 08 Mar 2019 10:47

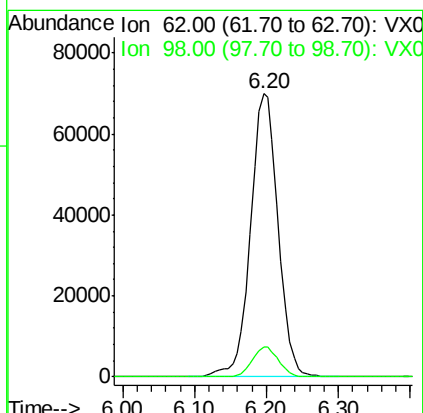
Instrument :
MSVOA_X
ClientSampled :
VSTDIC050

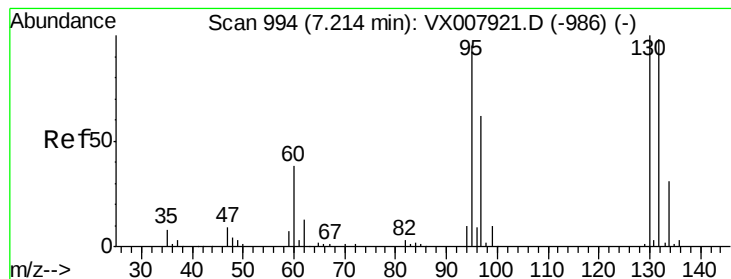
Tot Ion: 41 Resp: 125064
Ion Ratio Lower Upper
41 100
39 50.5 27.4 82.0
67 70.5 37.9 113.6
52 26.8 13.3 39.9



#36
1,2-Dichloroethane
Concen: 48.042 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX007922.D
Acq: 08 Mar 2019 10:47

Tgt Ion: 62 Resp: 185524
Ion Ratio Lower Upper
62 100
98 10.1 7.8 11.8





#37

Trichloroethene

Concen: 48.606 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX007922.D

Acq: 08 Mar 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

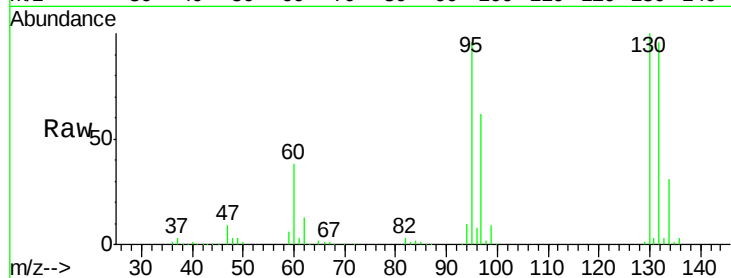
VSTDIC050

Tot Ion:130 Resp: 156314

Ion Ratio Lower Upper

130 100

95 96.1 71.3 106.9



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

80000

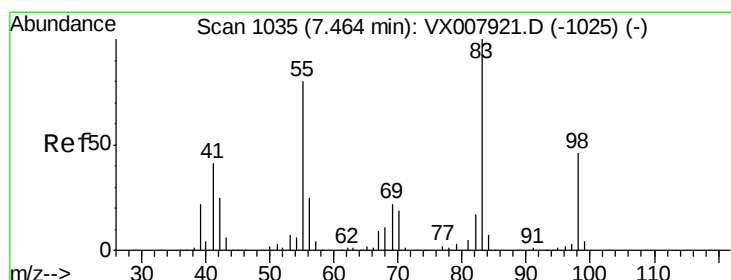
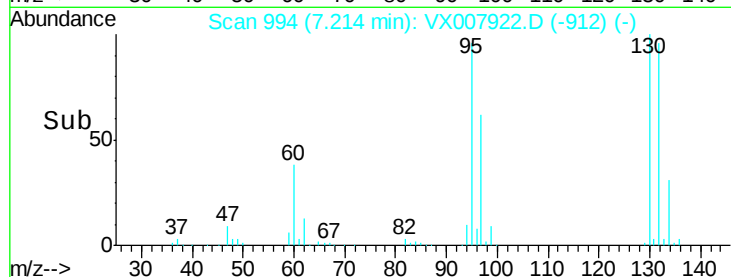
60000

40000

20000

0

Time--> 7.10 7.15 7.20 7.25 7.30



#38

Methylcyclohexane

Concen: 49.313 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX007922.D

Acq: 08 Mar 2019 10:47

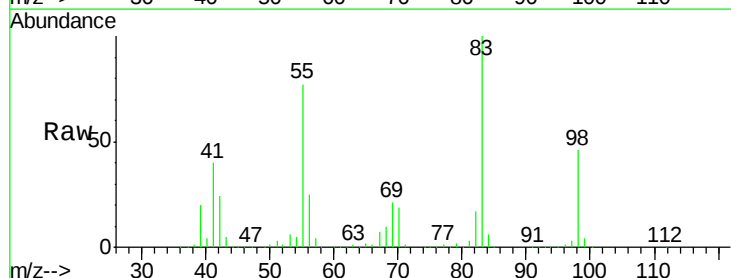
Tgt Ion: 83 Resp: 242836

Ion Ratio Lower Upper

83 100

55 77.1 36.0 108.0

98 46.6 23.8 71.4



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

7.46

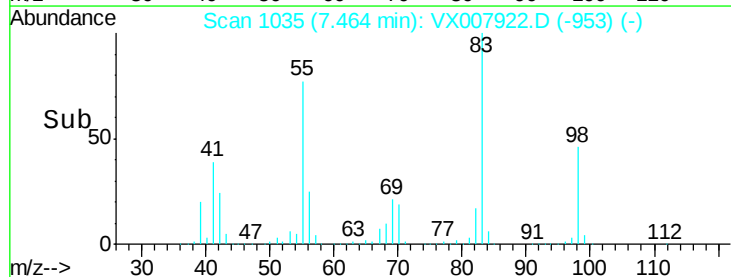
150000

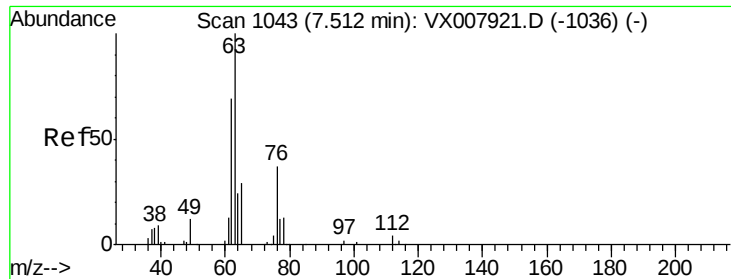
100000

50000

0

Time--> 7.40 7.45 7.50 7.55 7.60

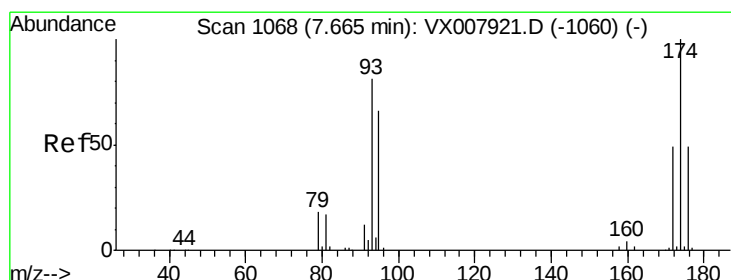
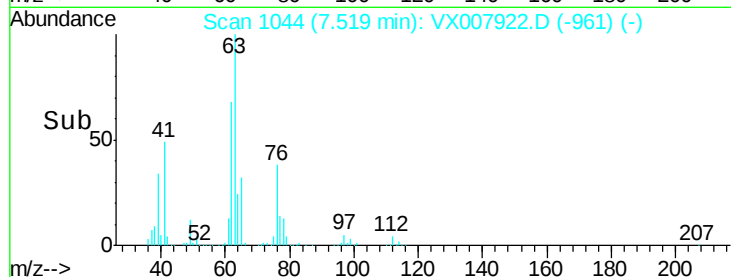
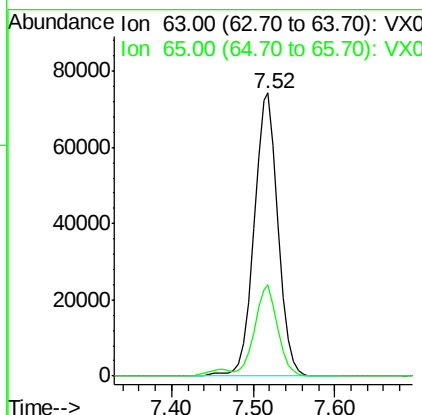
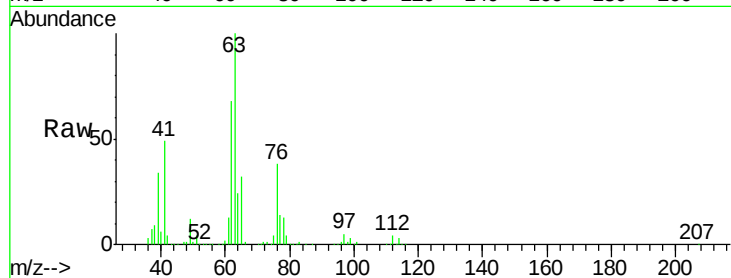




#39
 1,2-Dichloropropane
 Concen: 49.286 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VX007922.D
 Acq: 08 Mar 2019 10:47

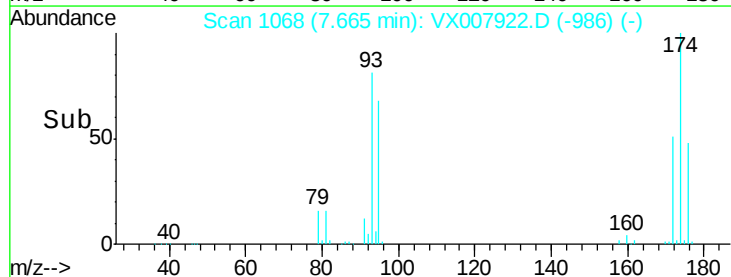
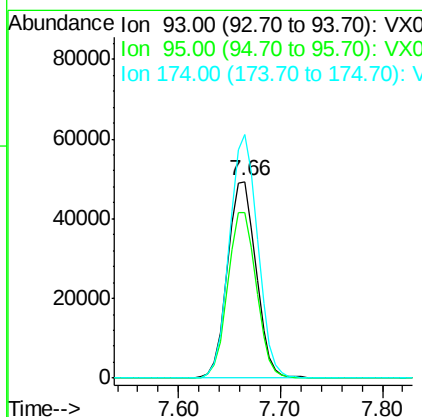
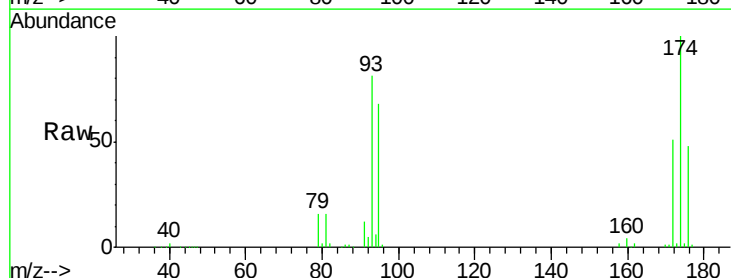
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

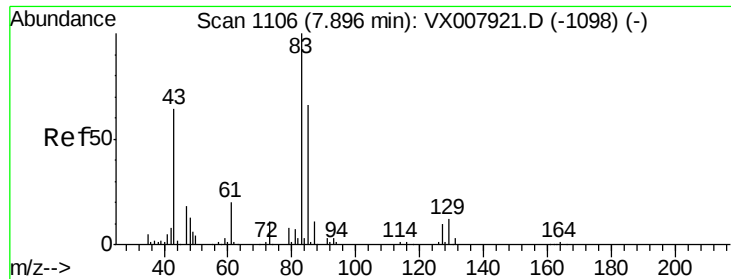
Tot Ion: 63 Resp: 152566
 Ion Ratio Lower Upper
 63 100
 65 32.1 24.6 37.0



#40
 Dibromomethane
 Concen: 48.724 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX007922.D
 Acq: 08 Mar 2019 10:47

Tgt Ion: 93 Resp: 95672
 Ion Ratio Lower Upper
 93 100
 95 84.5 0.0 158.8
 174 122.1 0.0 224.2

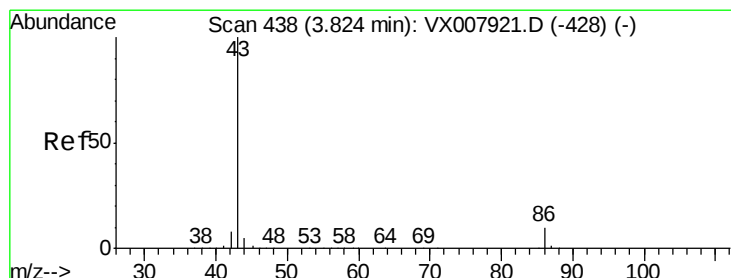
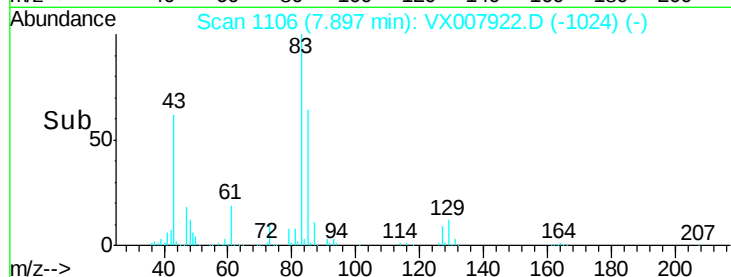
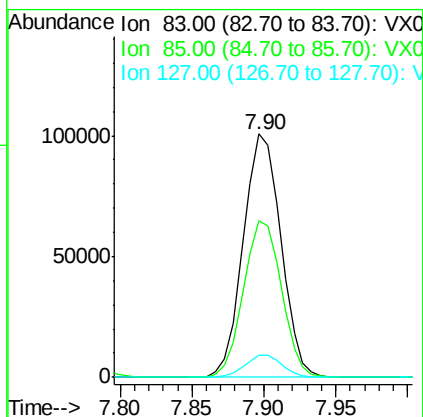
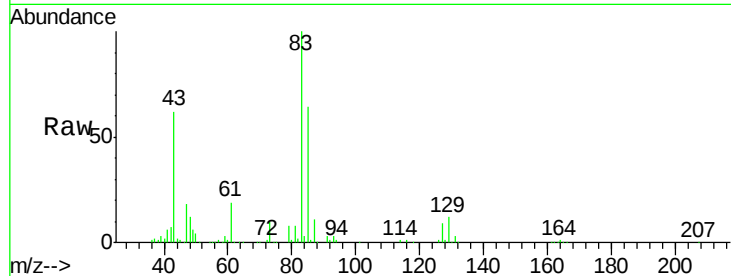




#41
Bromodichloromethane
Concen: 49.242 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX007922.D
Acq: 08 Mar 2019 10:47

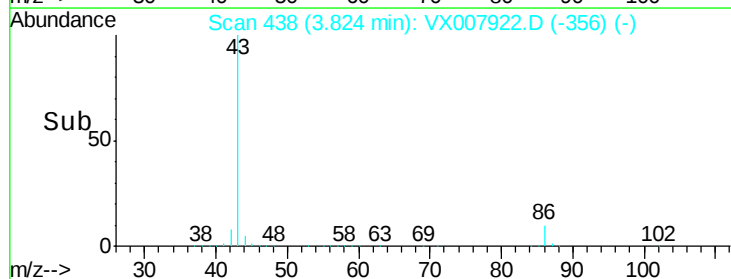
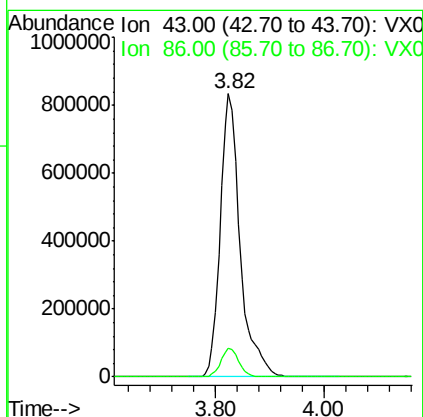
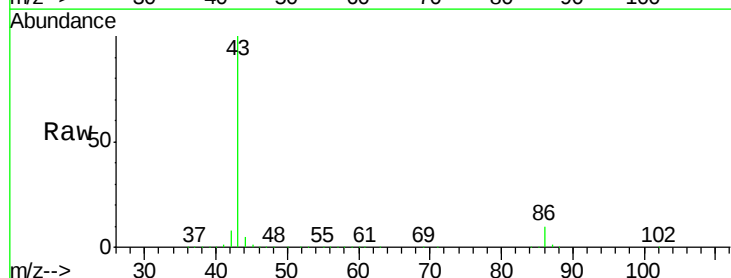
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

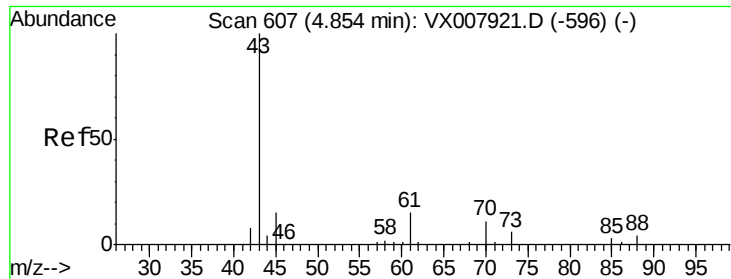
Tot Ion: 83 Resp: 182759
Ion Ratio Lower Upper
83 100
85 64.2 51.1 76.7
127 9.2 7.2 10.8



#42
Vinyl Acetate
Concen: 250.585 ug/l
RT: 3.82 min Scan# 438
Delta R.T. 0.00 min
Lab File: VX007922.D
Acq: 08 Mar 2019 10:47

Tgt Ion: 43 Resp: 2119019
Ion Ratio Lower Upper
43 100
86 9.0 8.2 12.2

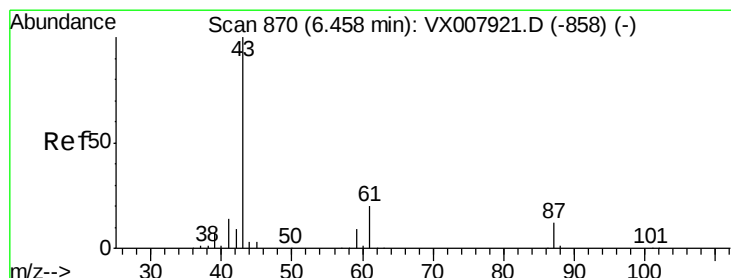
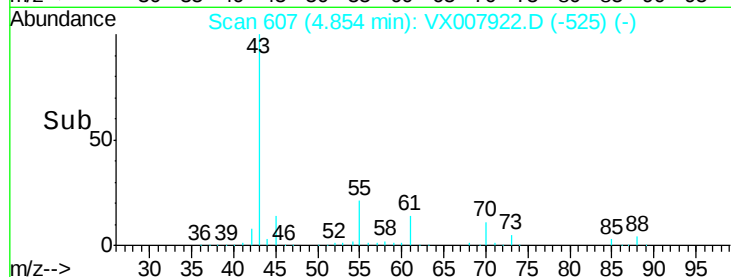
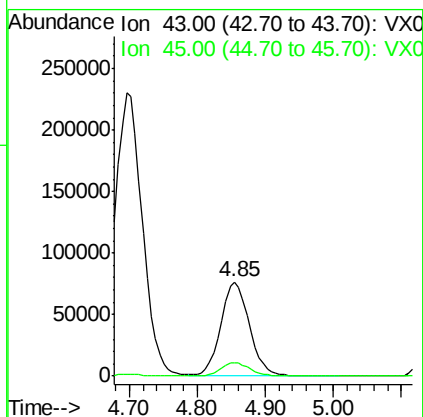
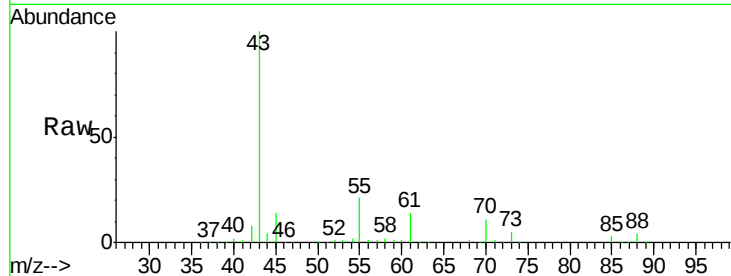




#43
Ethyl Acetate
Concen: 49.140 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007922.D
Acq: 08 Mar 2019 10:47

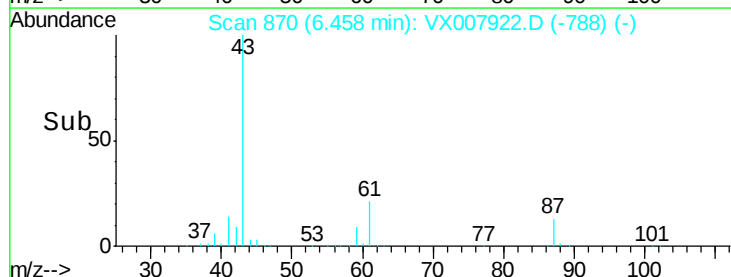
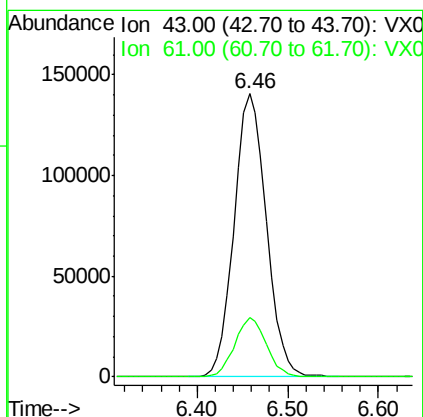
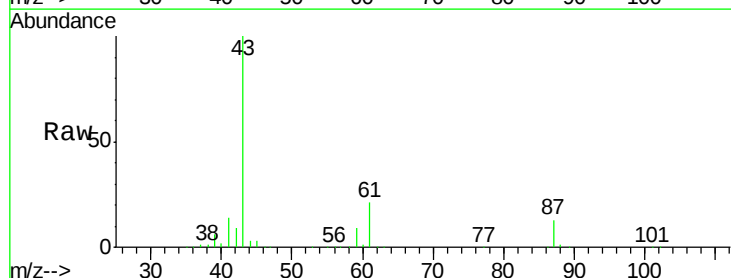
Instrument :
MSVOA_X
ClientSampled :
VSTDIC050

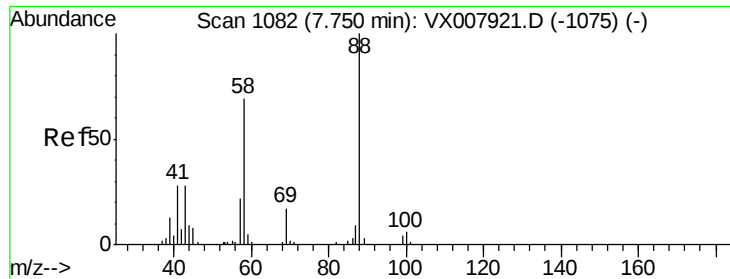
Tot Ion: 43 Resp: 223602
Ion Ratio Lower Upper
43 100
45 14.9 6.9 10.3#



#44
Isopropyl Acetate
Concen: 49.781 ug/l
RT: 6.46 min Scan# 870
Delta R.T. 0.00 min
Lab File: VX007922.D
Acq: 08 Mar 2019 10:47

Tgt Ion: 43 Resp: 345625
Ion Ratio Lower Upper
43 100
61 20.6 16.1 24.1



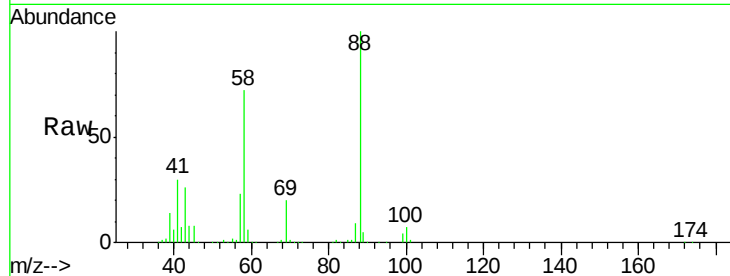


#45
 1,4-Dioxane
 Concen: 1001.387 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. 0.00 min
 Lab File: VX007922.D
 Acq: 08 Mar 2019 10:47

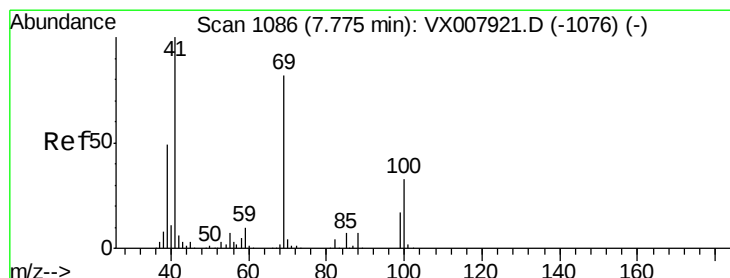
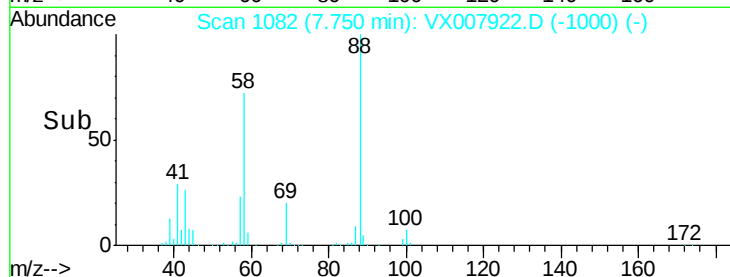
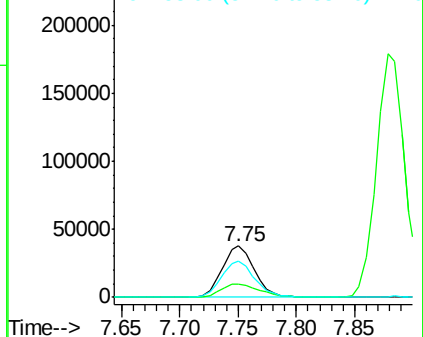
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion: 88 Resp: 72740

Ion	Ratio	Lower	Upper
88	100		
43	31.1	23.6	35.4
58	72.7	51.6	77.4



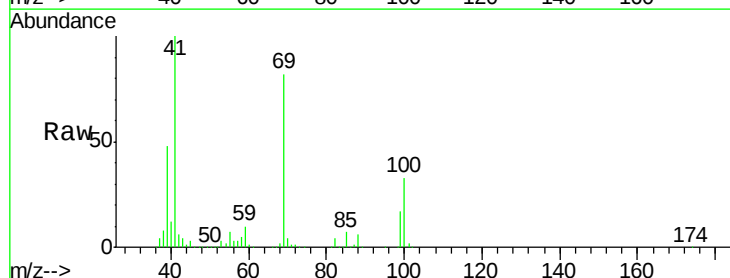
Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0



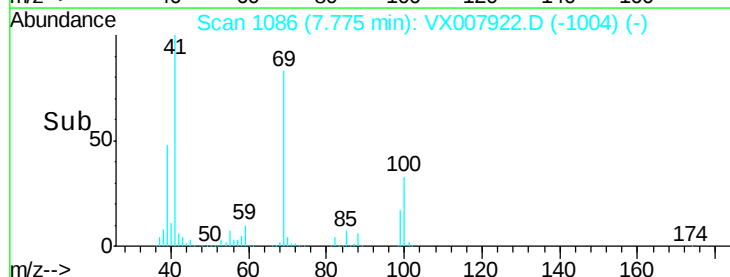
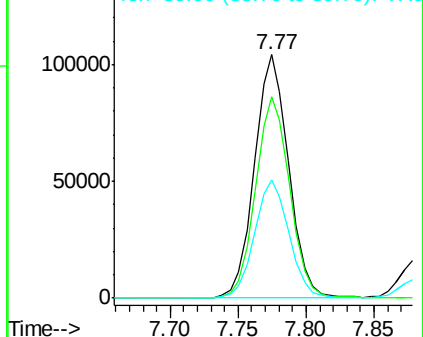
#46
 Methyl methacrylate
 Concen: 50.045 ug/l
 RT: 7.77 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX007922.D
 Acq: 08 Mar 2019 10:47

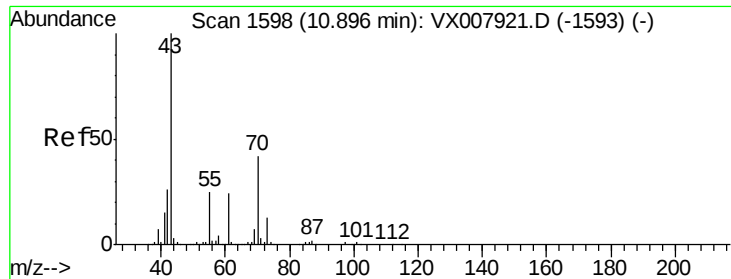
Tgt Ion: 41 Resp: 182739

Ion	Ratio	Lower	Upper
41	100		
69	82.5	44.2	132.6
39	48.4	29.9	89.8



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

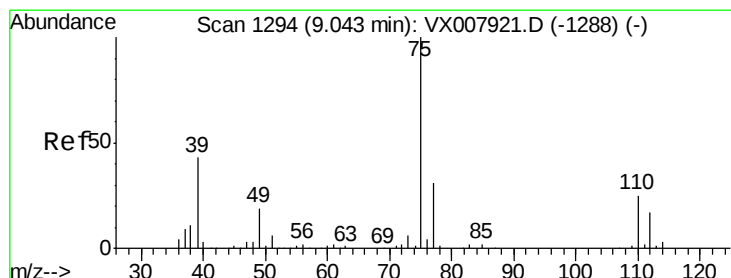
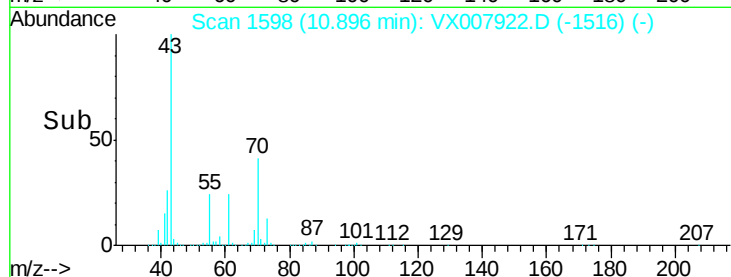
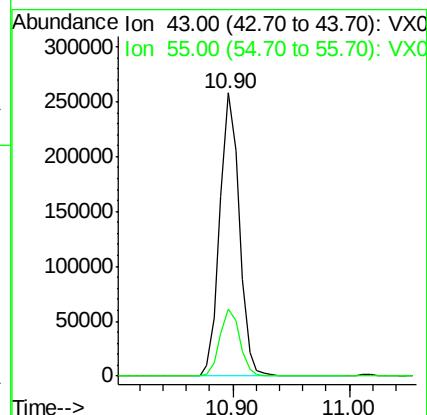
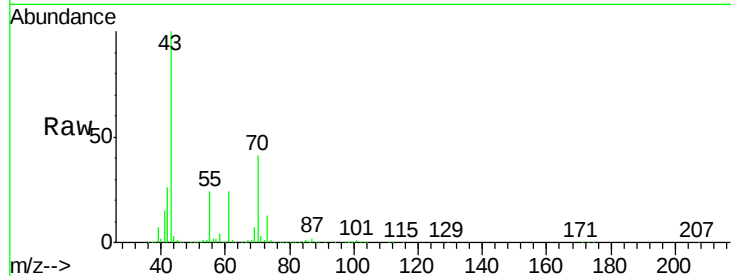




#47
 n-amvl Acetate
 Concen: 49.651 ug/l
 RT: 10.90 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: VX007922.D
 Acq: 08 Mar 2019 10:47

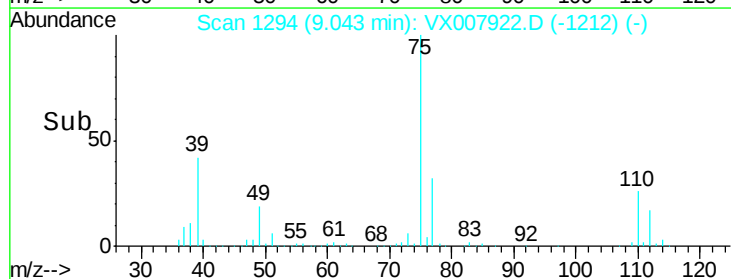
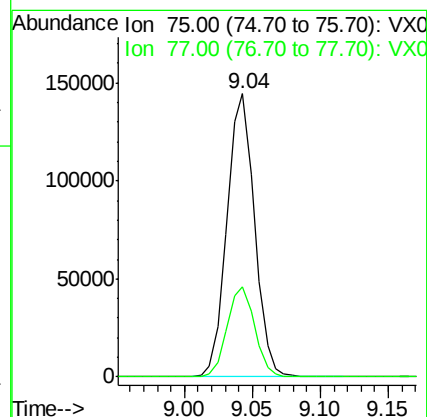
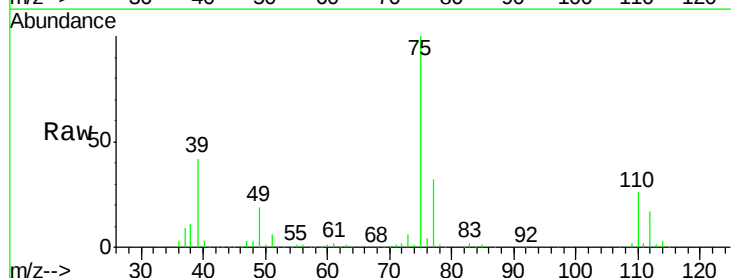
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

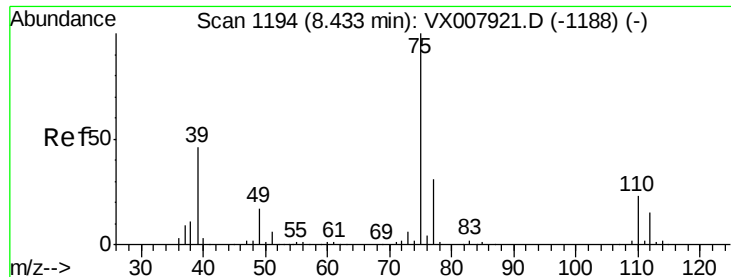
Tot Ion: 43 Resp: 297026
 Ion Ratio Lower Upper
 43 100
 55 24.3 20.8 31.2



#48
 t-1,3-Dichloropropene
 Concen: 50.559 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX007922.D
 Acq: 08 Mar 2019 10:47

Tgt Ion: 75 Resp: 203227
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.5 36.7



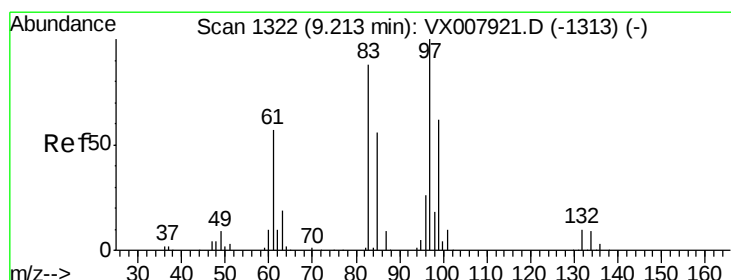
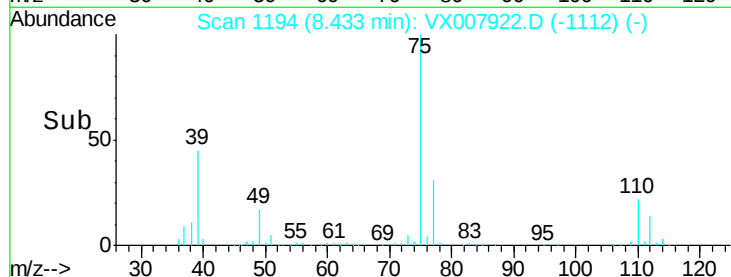
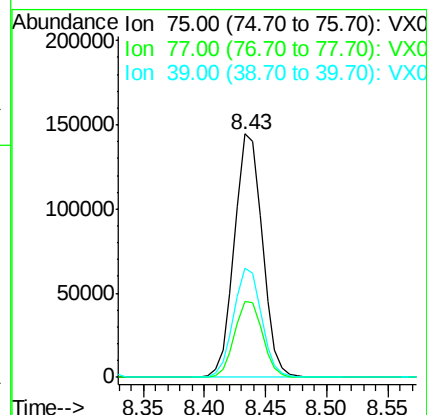
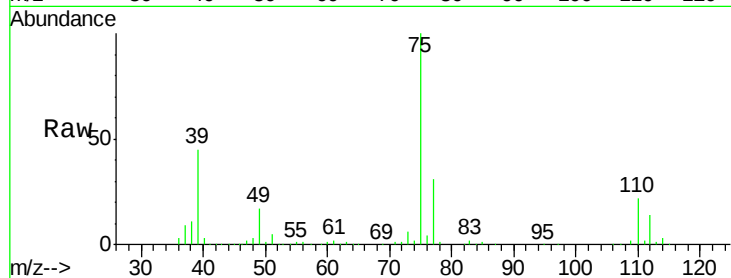


#49

cis-1,3-Dichloropropene
Concen: 50.155 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX007922.D
Acq: 08 Mar 2019 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

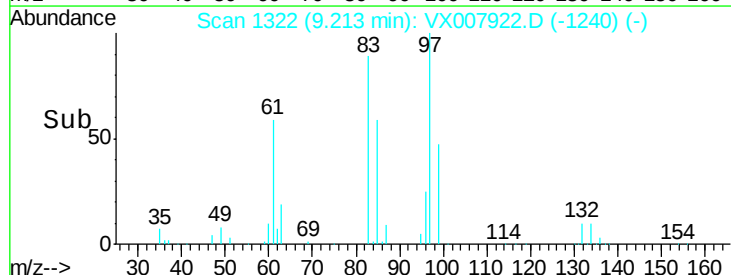
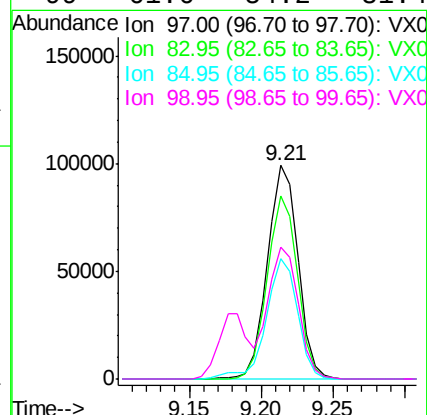
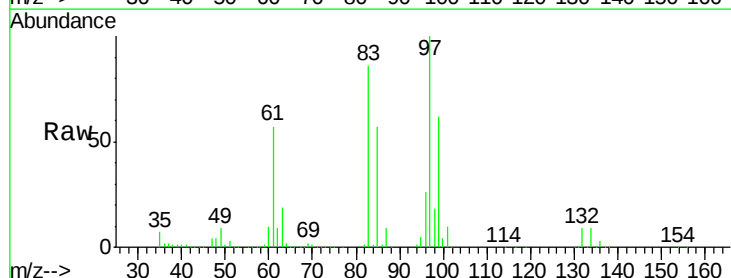
Tot Ion:	75	Resp:	228282
Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.0	37.4
39	44.9	38.5	57.7

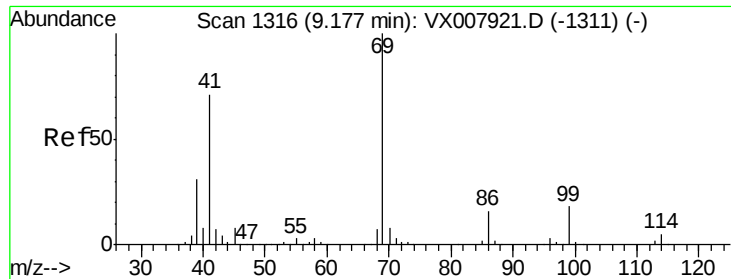


#50

1,1,2-Trichloroethane
Concen: 48.593 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX007922.D
Acq: 08 Mar 2019 10:47

Tgt Ion:	97	Resp:	145438
Ion	Ratio	Lower	Upper
97	100		
83	85.9	72.0	108.0
85	56.5	45.0	67.6
99	61.6	54.2	81.4





#51

Ethyl methacrylate

Concen: 50.449 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX007922.D

Acq: 08 Mar 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

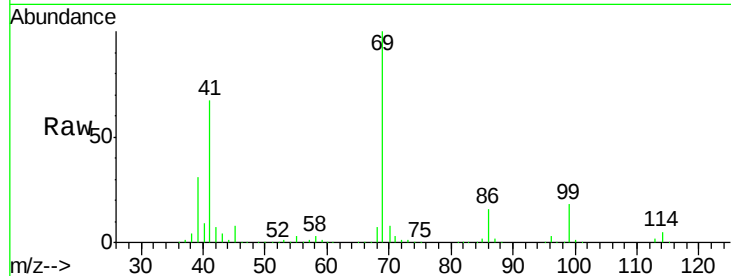
Tot Ion: 69 Resp: 228986

Ion Ratio Lower Upper

69 100

41 67.3 32.1 96.5

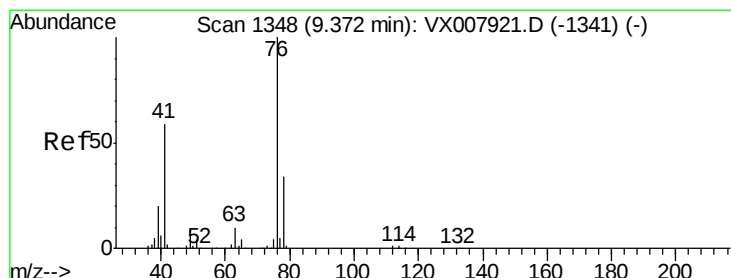
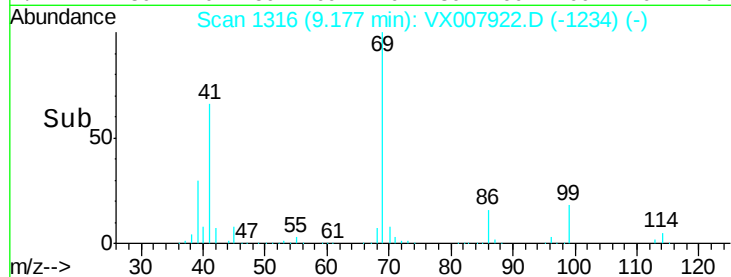
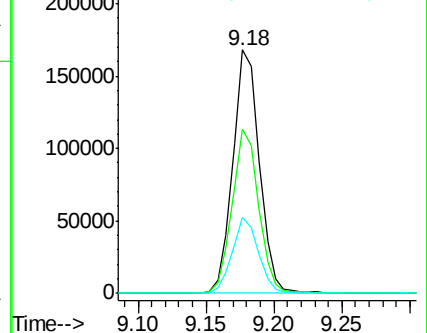
39 30.9 18.8 56.3



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



#52

1,3-Dichloropropane

Concen: 48.901 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007922.D

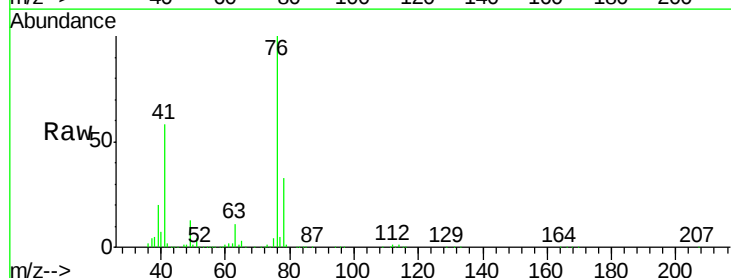
Acq: 08 Mar 2019 10:47

Tgt Ion: 76 Resp: 241829

Ion Ratio Lower Upper

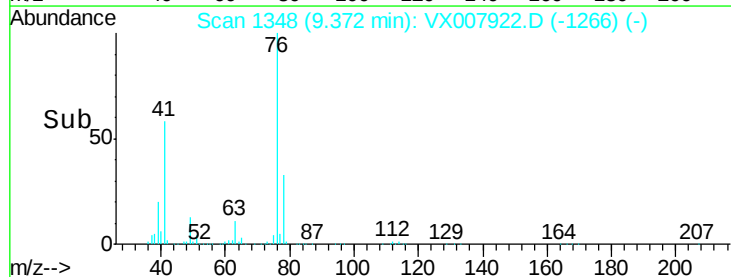
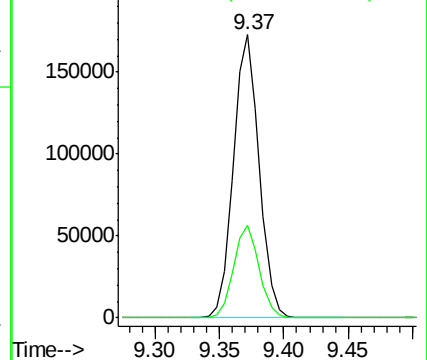
76 100

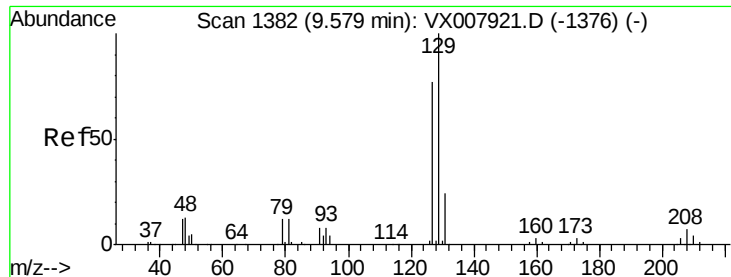
78 32.5 0.0 65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 50.085 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX007922.D

Acq: 08 Mar 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

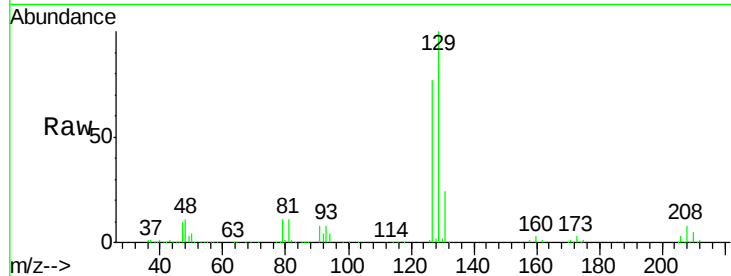
VSTDIC050

Tot Ion:129 Resp: 154193

Ion Ratio Lower Upper

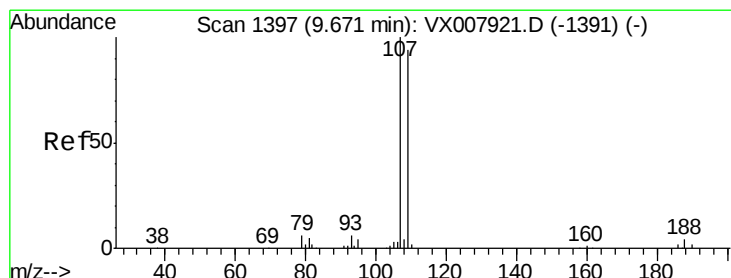
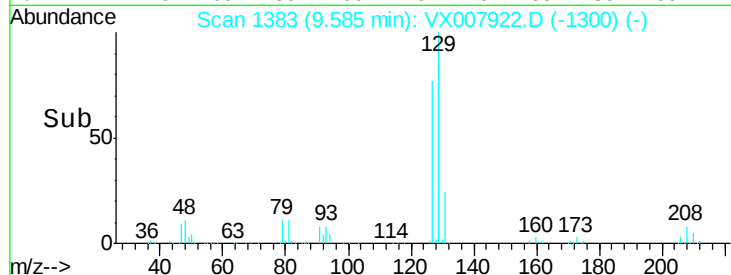
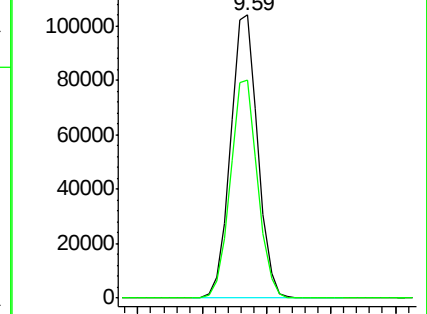
129 100

127 77.0 38.4 115.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 49.258 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007922.D

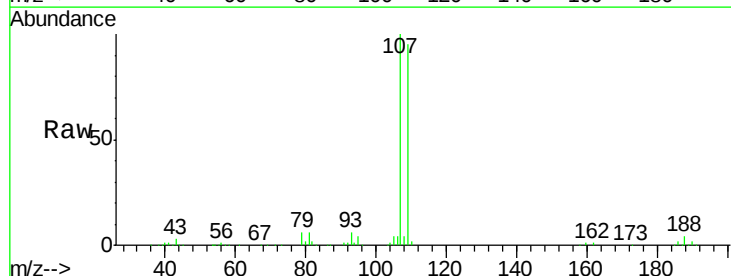
Acq: 08 Mar 2019 10:47

Tgt Ion:107 Resp: 154129

Ion Ratio Lower Upper

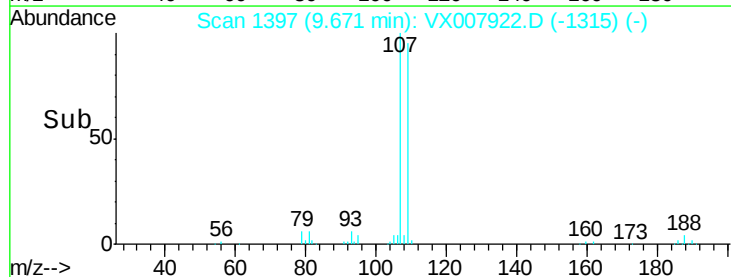
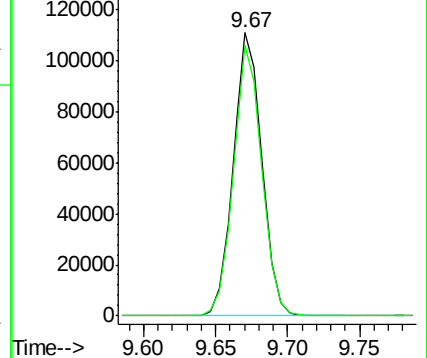
107 100

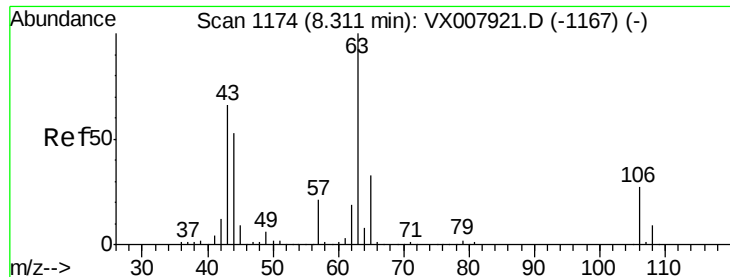
109 94.7 76.6 115.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

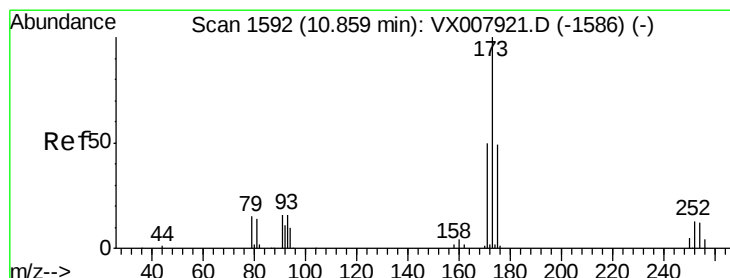
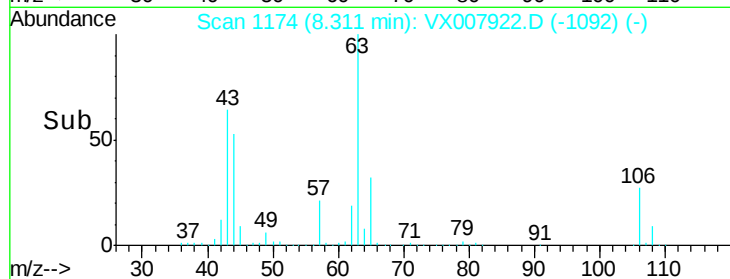
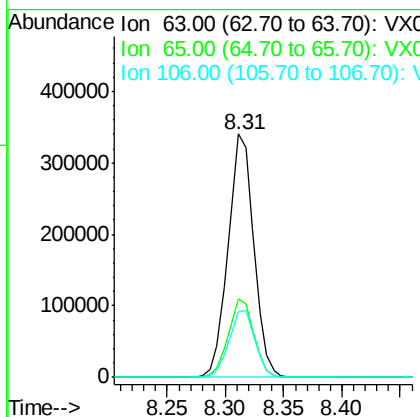
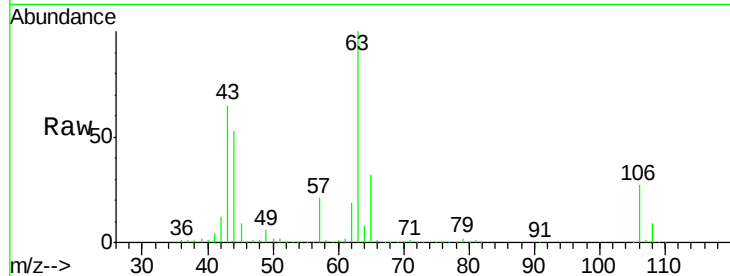




#55
2-Chloroethyl vinyl ether
Concen: 247.505 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. 0.00 min
Lab File: VX007922.D
Acq: 08 Mar 2019 10:47

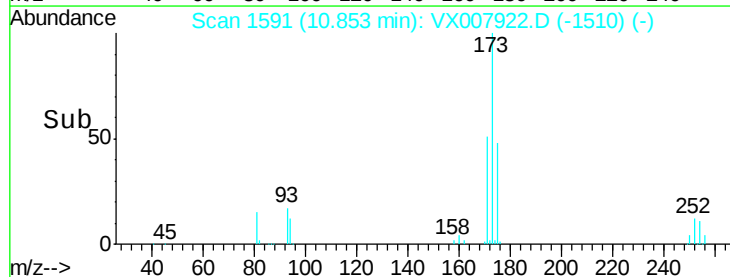
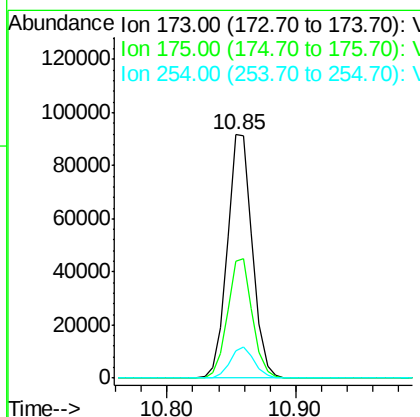
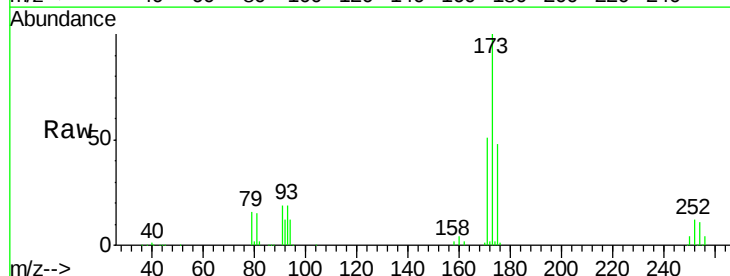
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

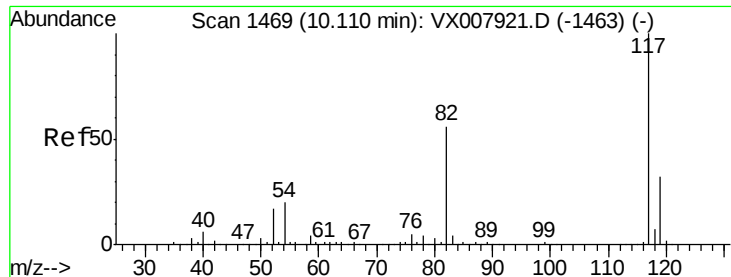
Tot Ion: 63 Resp: 522507
Ion Ratio Lower Upper
63 100
65 32.3 25.7 38.5
106 28.0 23.7 35.5



#56
Bromoform
Concen: 50.847 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.01 min
Lab File: VX007922.D
Acq: 08 Mar 2019 10:47

Tgt Ion: 173 Resp: 124863
Ion Ratio Lower Upper
173 100
175 48.6 38.5 57.7
254 12.3 7.4 11.2#

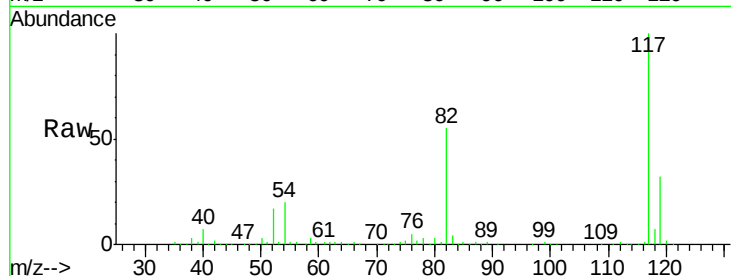




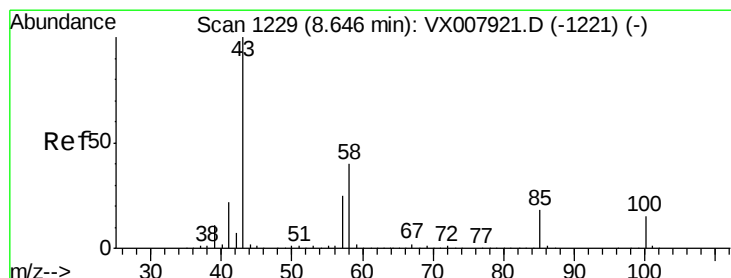
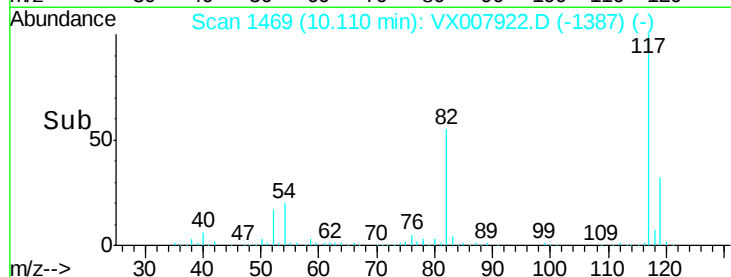
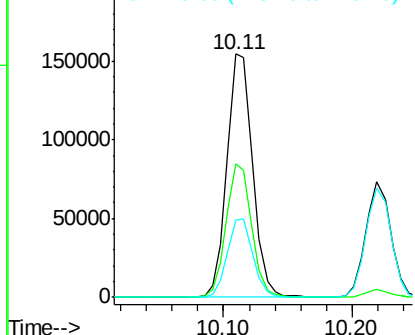
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007922.D
Acq: 08 Mar 2019 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion:117 Resp: 218235
Ion Ratio Lower Upper
117 100
82 54.2 40.4 60.6
119 32.1 25.8 38.6

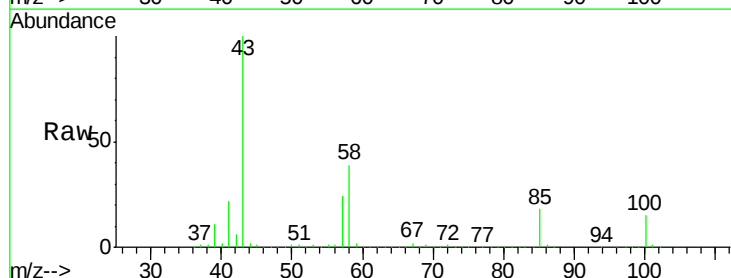


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

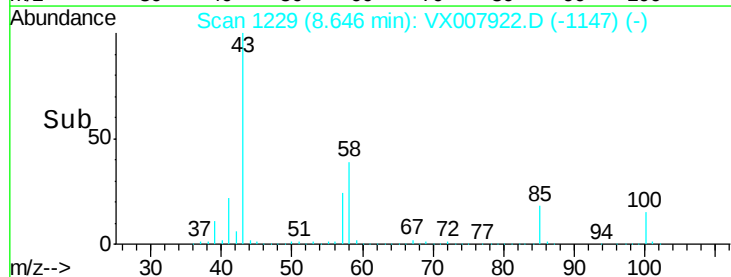
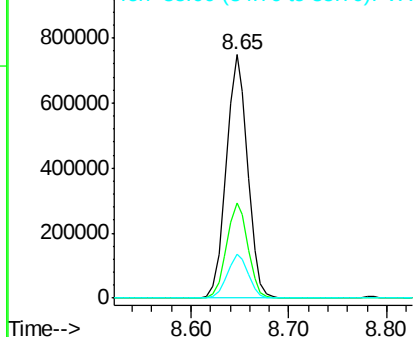


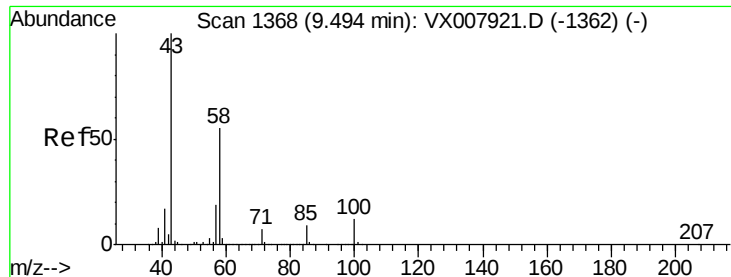
#58
4-Methyl-2-Pentanone
Concen: 251.248 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX007922.D
Acq: 08 Mar 2019 10:47

Tgt Ion: 43 Resp: 1128893
Ion Ratio Lower Upper
43 100
58 39.3 31.4 47.0
85 17.8 15.0 22.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 85.00 (84.70 to 85.70): VX0

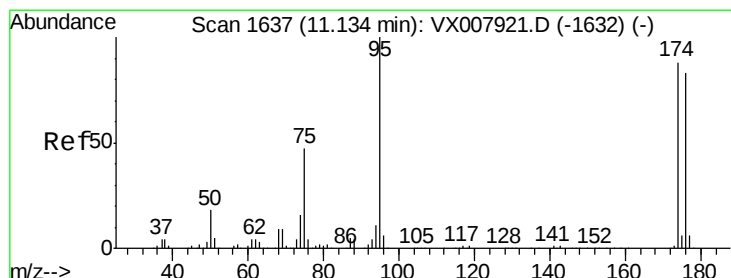
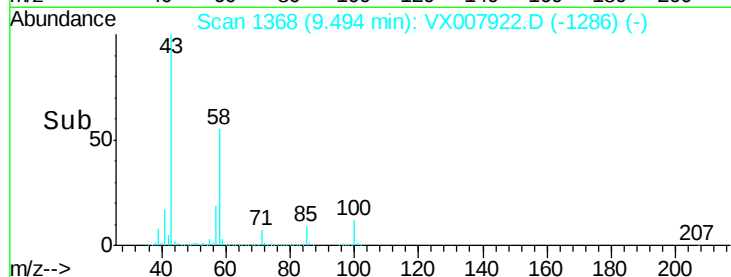
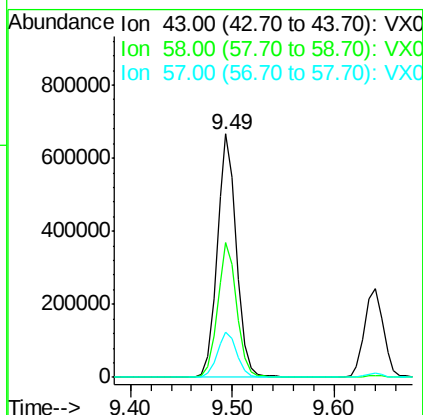
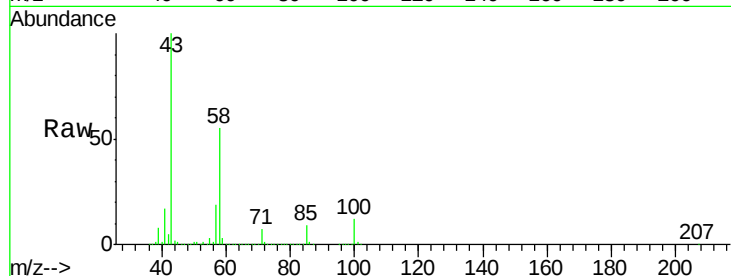




#59
2-Hexanone
Concen: 247.930 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007922.D
Acq: 08 Mar 2019 10:47

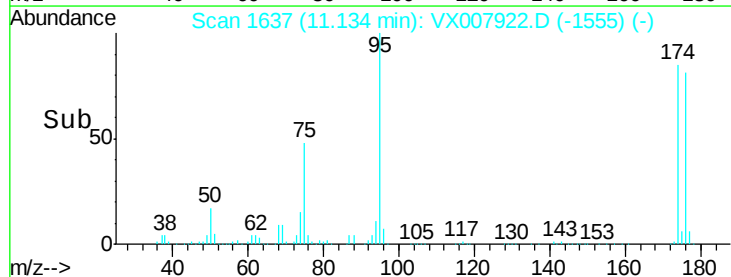
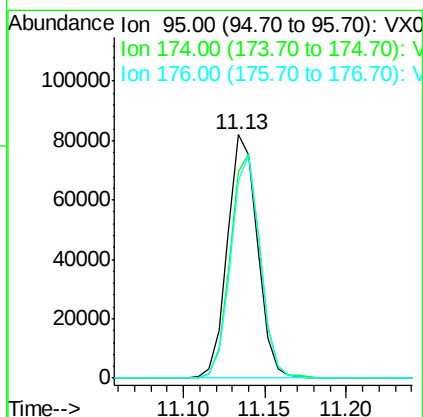
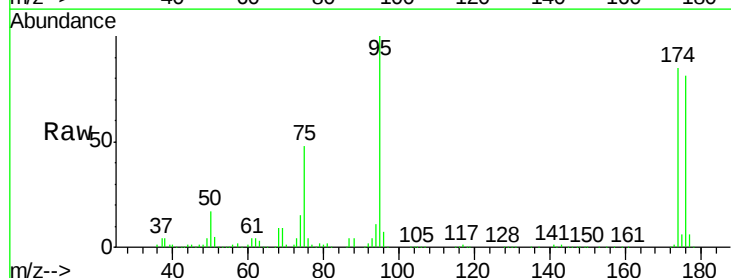
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

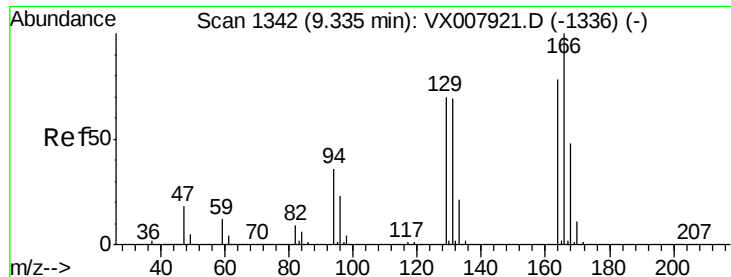
Tot Ion	Ratio	Lower	Upper
43	100		
58	55.3	43.9	65.9
57	19.1	14.9	22.3



#60
4-Bromofluorobenzene
Concen: 30.030 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007922.D
Acq: 08 Mar 2019 10:47

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.6	74.9	112.3
176	89.5	70.7	106.1





#61

Tetrachloroethene

Concen: 48.169 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX007922.D

Acq: 08 Mar 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion:164 Resp: 153346

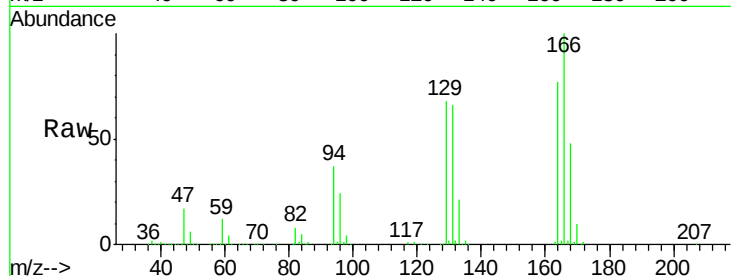
Ion Ratio Lower Upper

164 100

166 129.8 103.9 155.9

129 88.5 74.7 112.1

131 85.6 71.7 107.5

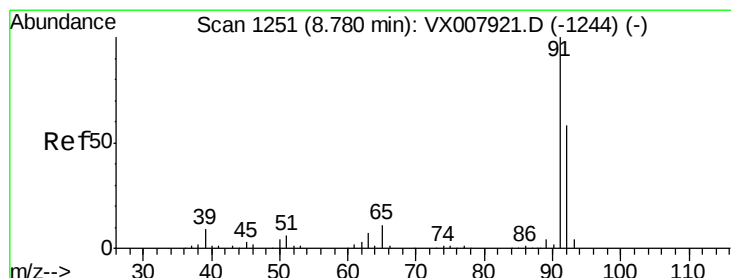
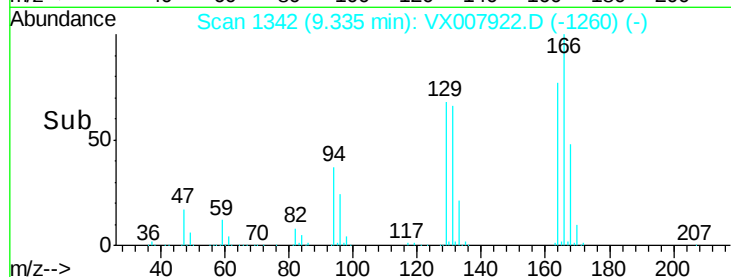
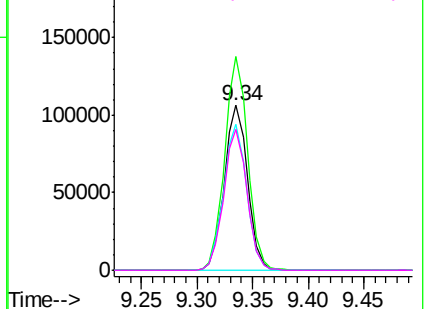


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 48.618 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007922.D

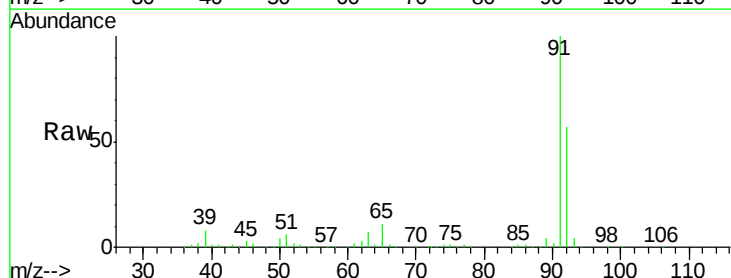
Acq: 08 Mar 2019 10:47

Tgt Ion: 91 Resp: 619558

Ion Ratio Lower Upper

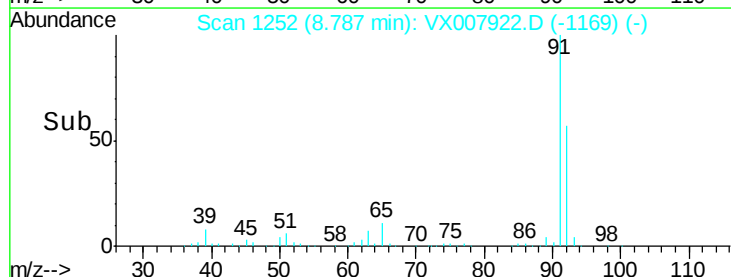
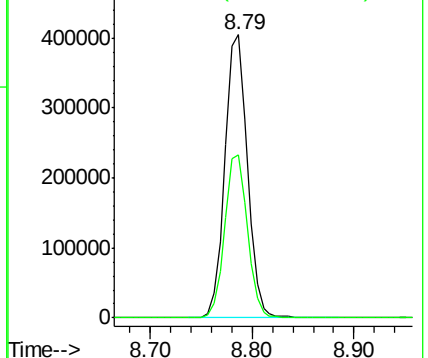
91 100

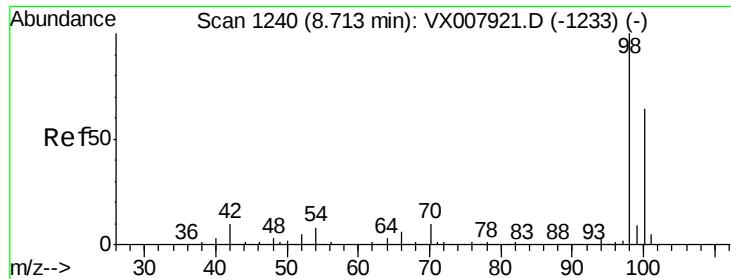
92 58.1 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

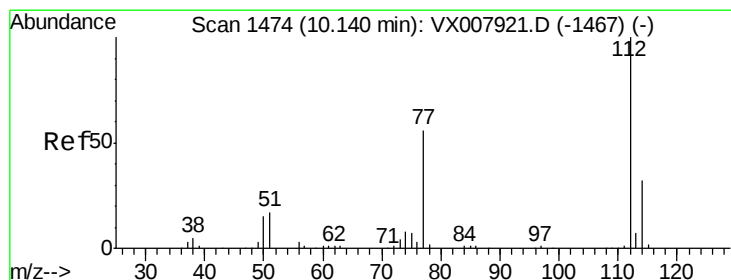
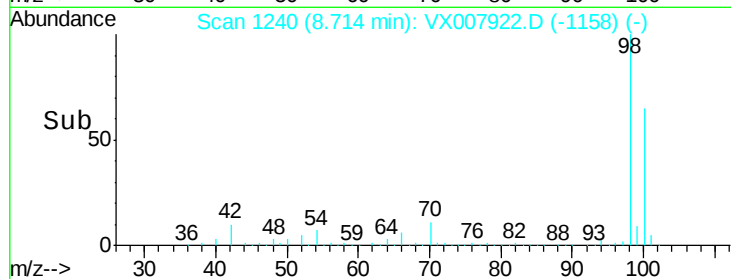
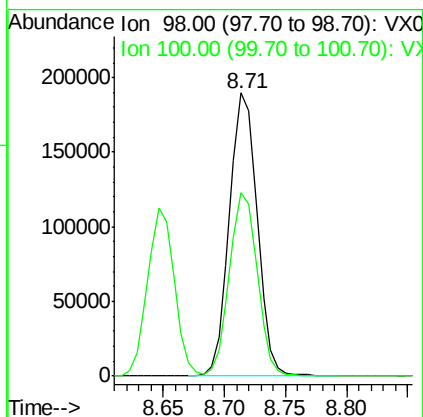
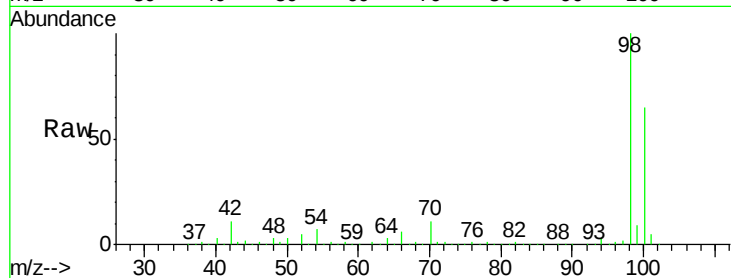




#63
Toluene-d8
Concen: 29.962 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007922.D
Acq: 08 Mar 2019 10:47

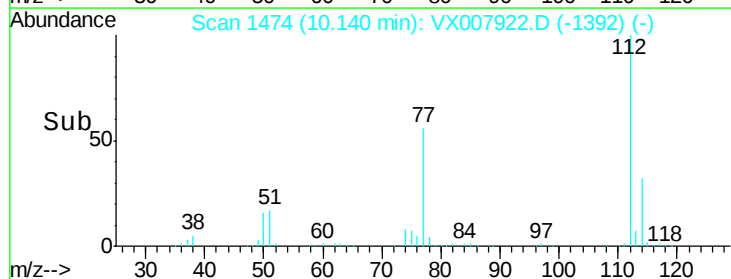
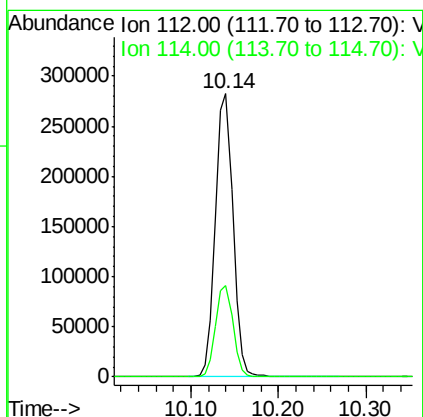
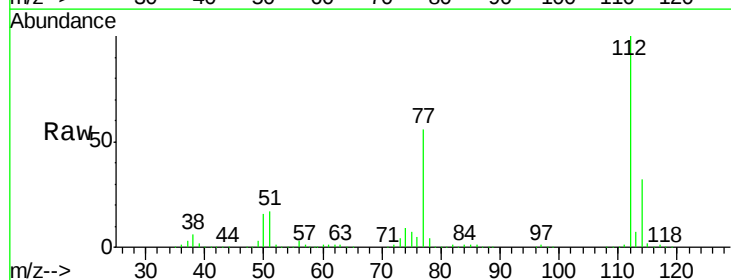
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

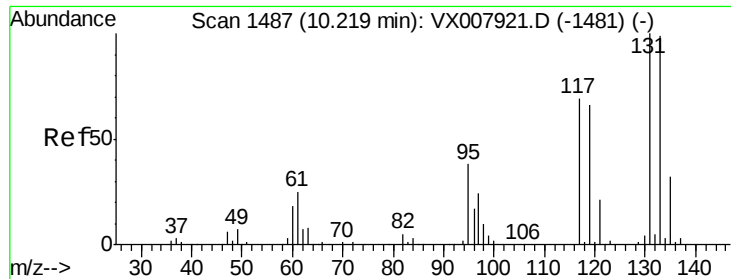
Tot Ion: 98 Resp: 299240
Ion Ratio Lower Upper
98 100
100 64.5 50.9 76.3



#64
Chlorobenzene
Concen: 48.542 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007922.D
Acq: 08 Mar 2019 10:47

Tgt Ion: 112 Resp: 394254
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.2





#65

1,1,1,2-Tetrachloroethane

Concen: 49.471 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007922.D

Acq: 08 Mar 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

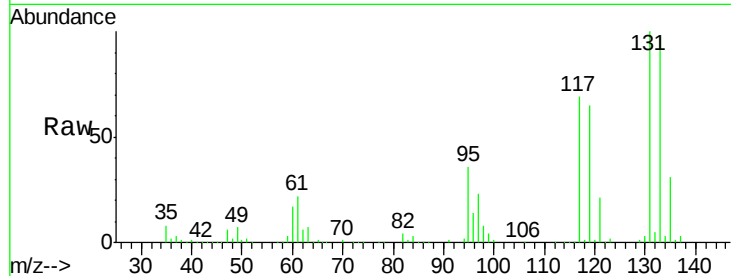
Tot Ion:131 Resp: 143858

Ion Ratio Lower Upper

131 100

133 96.4 0.0 191.6

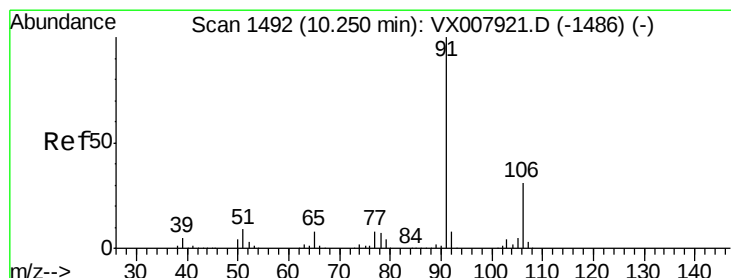
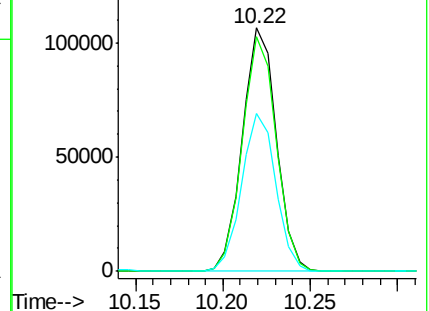
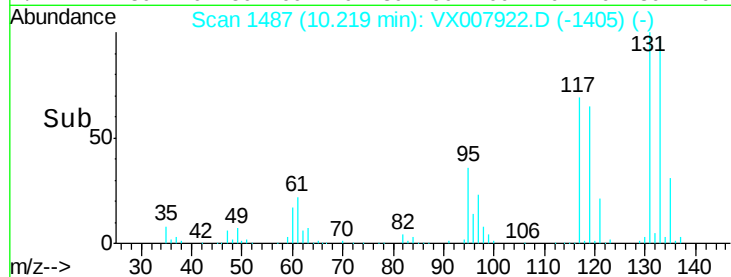
119 65.3 0.0 127.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 49.053 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007922.D

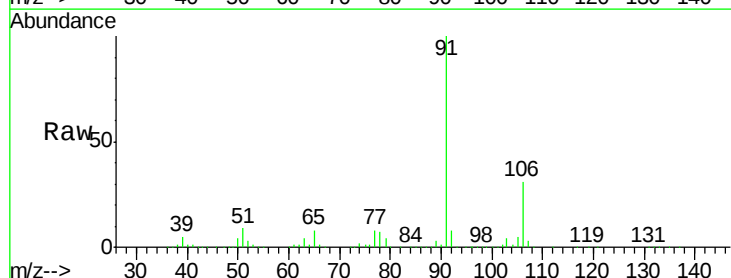
Acq: 08 Mar 2019 10:47

Tgt Ion: 91 Resp: 671424

Ion Ratio Lower Upper

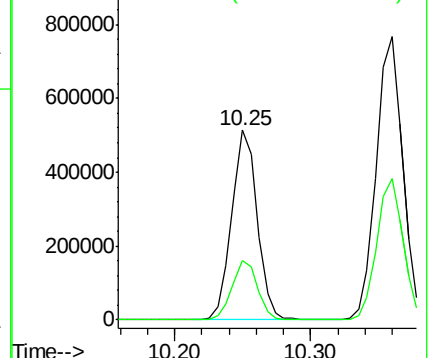
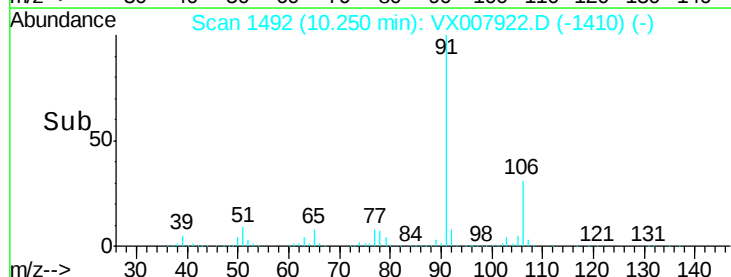
91 100

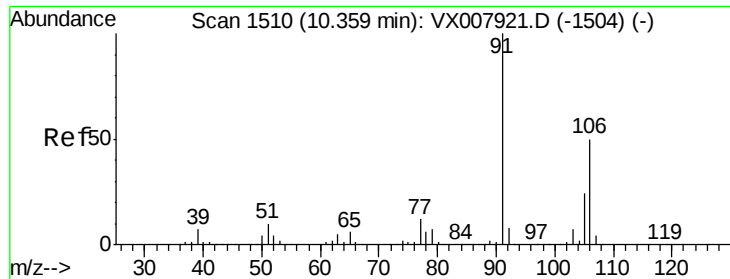
106 31.5 26.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xvlenes

Concen: 98.943 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007922.D

Acq: 08 Mar 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

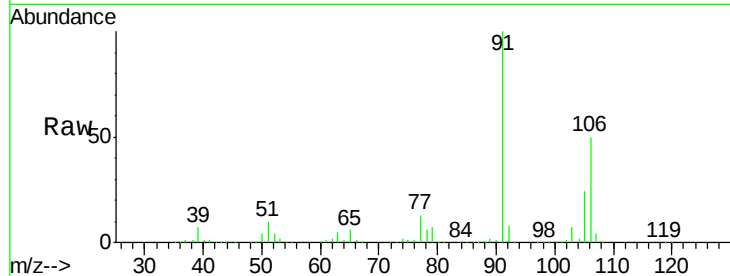
VSTDIC050

Tot Ion:106 Resp: 519303

Ion Ratio Lower Upper

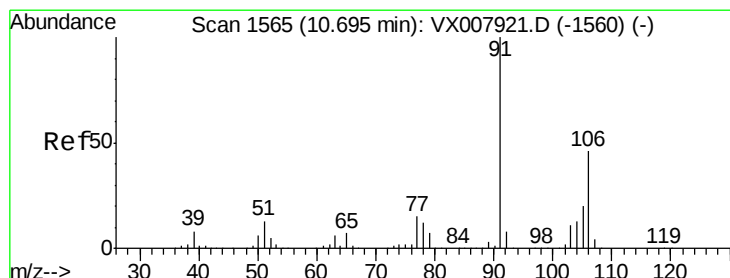
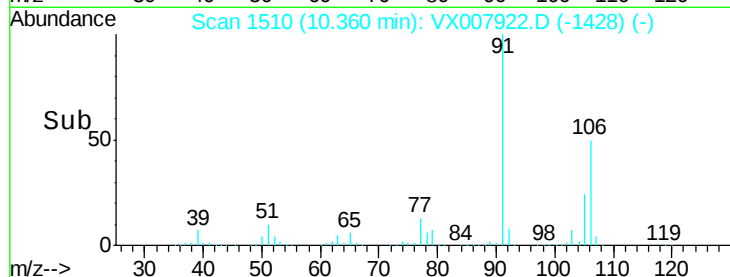
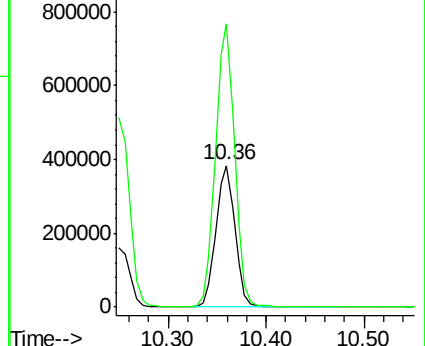
106 100

91 200.9 157.0 235.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 49.675 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. 0.01 min

Lab File: VX007922.D

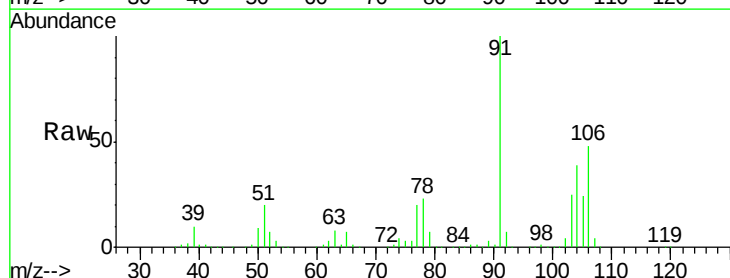
Acq: 08 Mar 2019 10:47

Tgt Ion:106 Resp: 253170

Ion Ratio Lower Upper

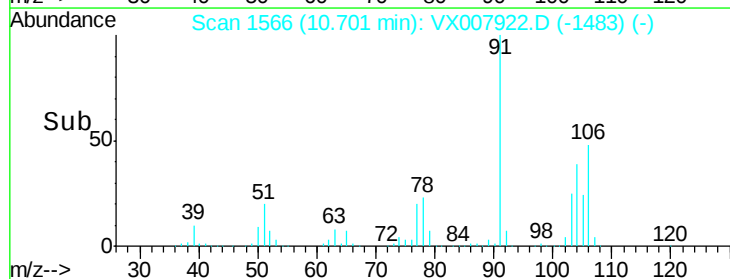
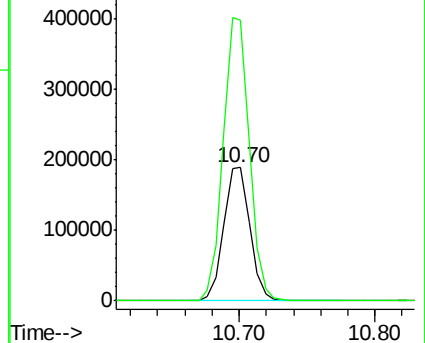
106 100

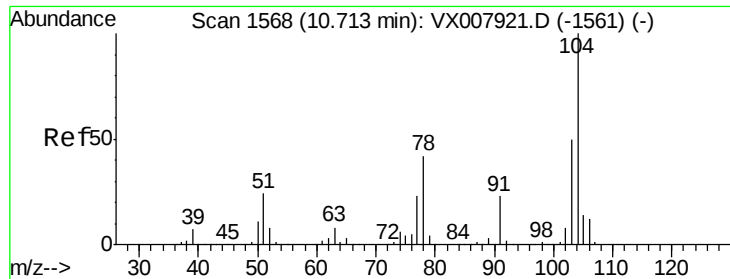
91 210.5 104.4 313.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

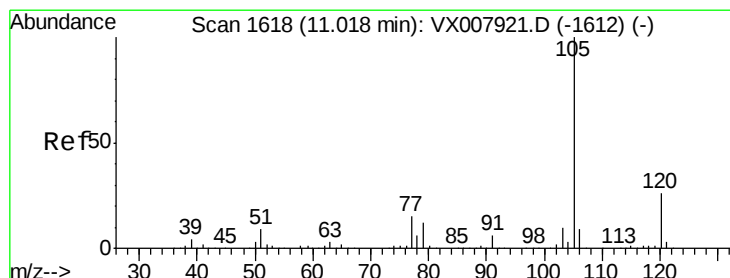
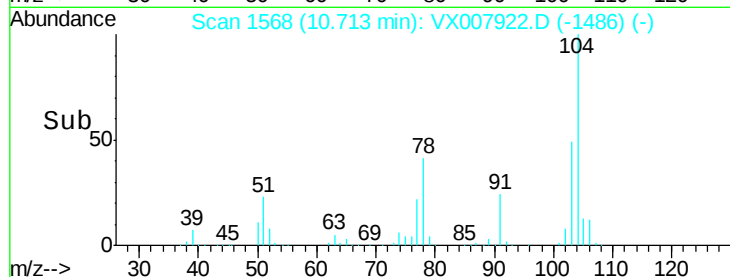
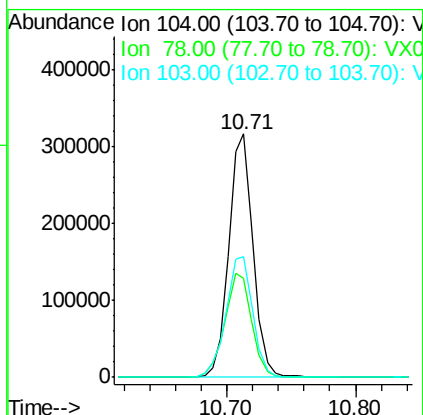
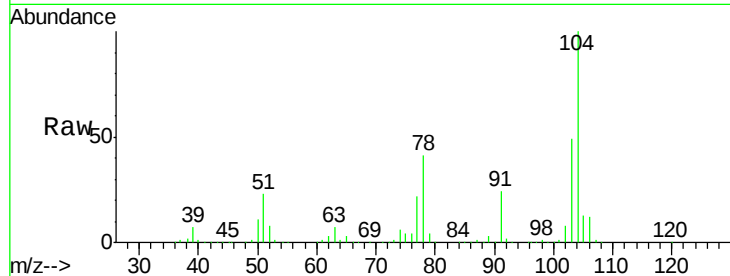




#69
Stvrene
Concen: 49.789 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007922.D
Acq: 08 Mar 2019 10:47

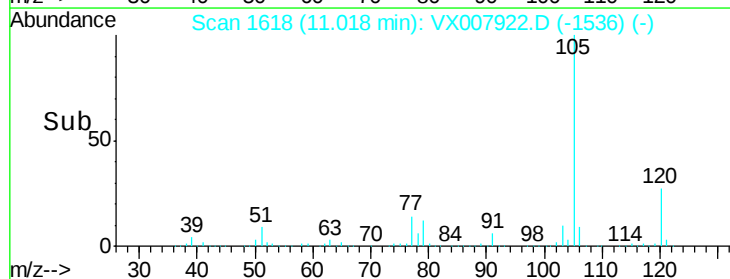
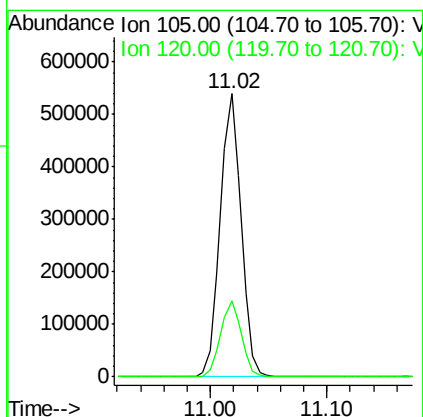
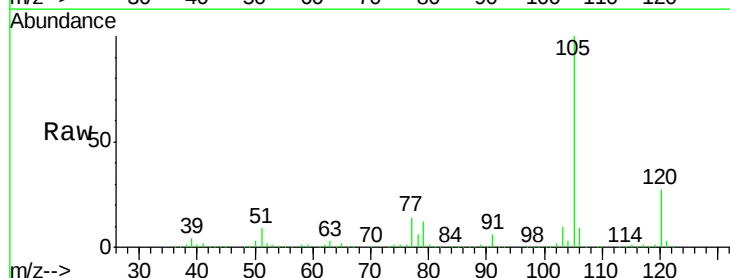
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

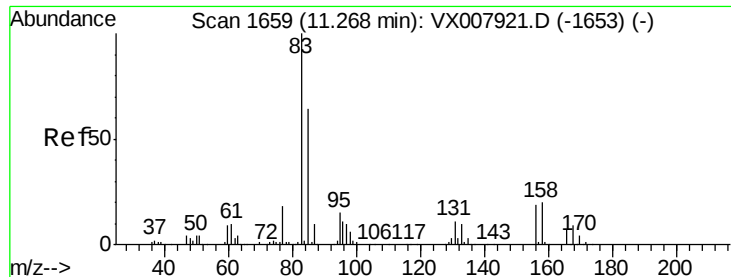
Tot Ion:104 Resp: 418098
Ion Ratio Lower Upper
104 100
78 47.9 38.2 57.2
103 55.2 45.0 67.4



#70
Isopropylbenzene
Concen: 49.099 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX007922.D
Acq: 08 Mar 2019 10:47

Tgt Ion:105 Resp: 668641
Ion Ratio Lower Upper
105 100
120 26.7 19.8 36.8

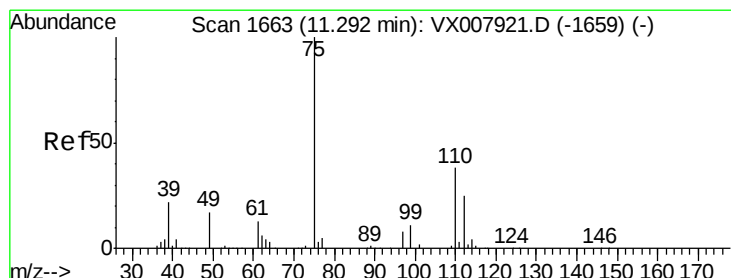
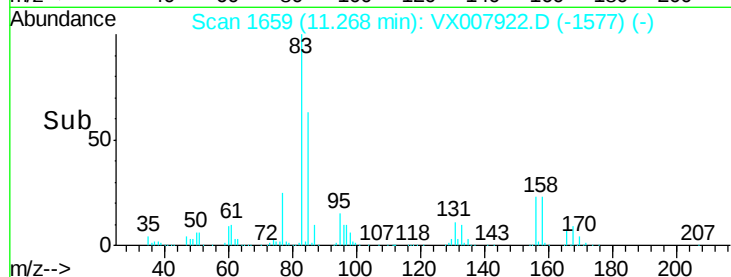
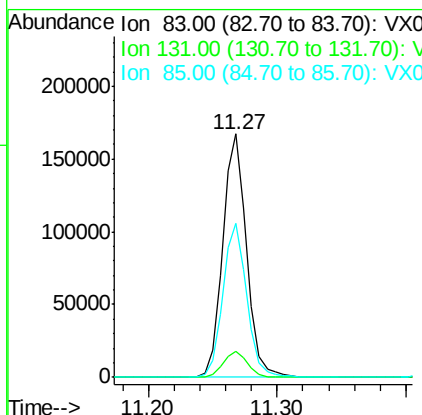
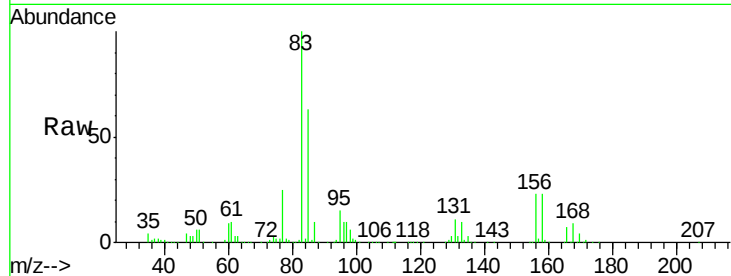




#71
 1,1,2,2-Tetrachloroethane
 Concen: 48.310 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: VX007922.D
 Acq: 08 Mar 2019 10:47

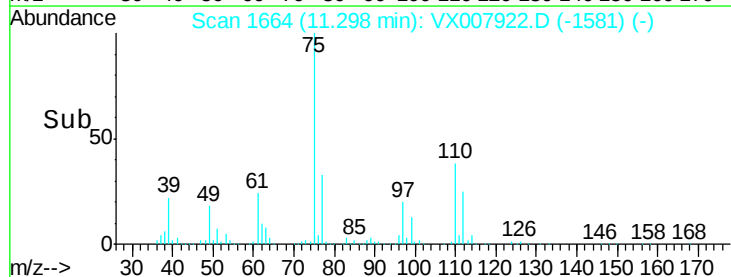
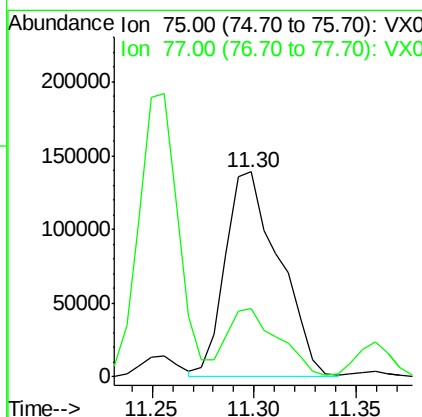
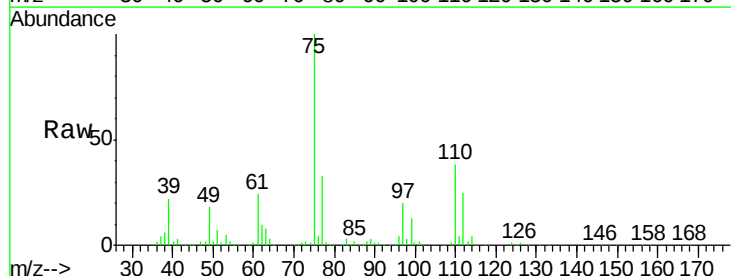
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

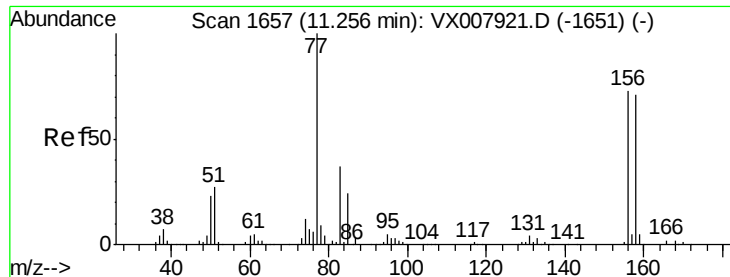
Tot Ion: 83 Resp: 217286
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.4 16.2
 85 63.7 32.8 98.4



#72
 1,2,3-Trichloropropane
 Concen: 60.375 ug/l
 RT: 11.30 min Scan# 1664
 Delta R.T. 0.01 min
 Lab File: VX007922.D
 Acq: 08 Mar 2019 10:47

Tgt Ion: 75 Resp: 255964
 Ion Ratio Lower Upper
 75 100
 77 31.3 0.0 76.4





#73

Bromobenzene

Concen: 48.589 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007922.D

Acq: 08 Mar 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

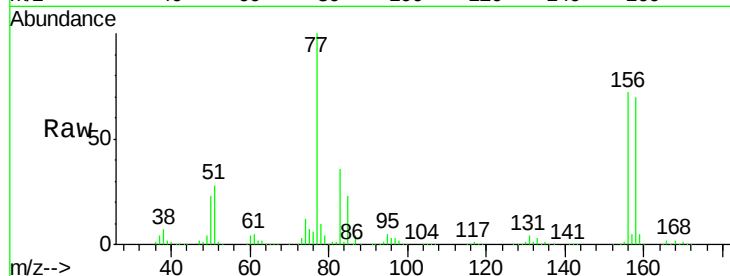
Tot Ion:156 Resp: 175916

Ion Ratio Lower Upper

156 100

77 147.2 0.0 271.4

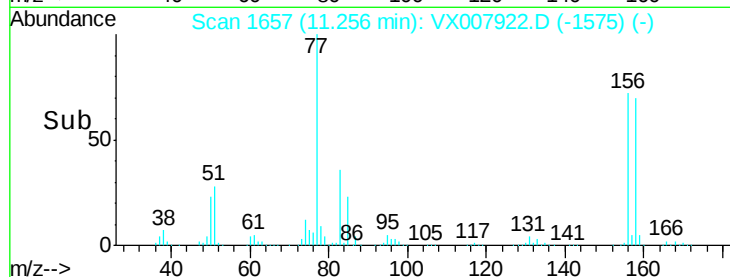
158 97.6 0.0 194.0



Abundance Ion 156.00 (155.70 to 156.70): V

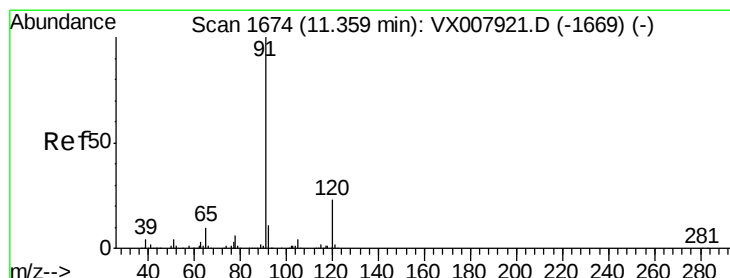
Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



11.26

Time-->



#74

n-propylbenzene

Concen: 49.417 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007922.D

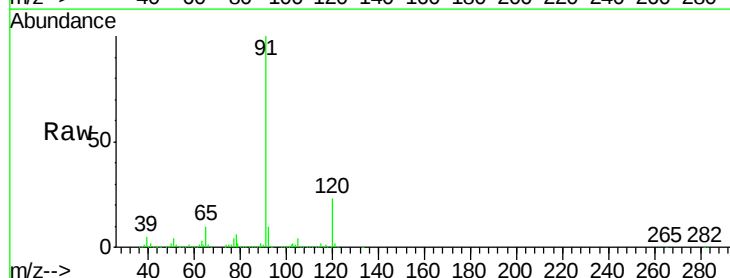
Acq: 08 Mar 2019 10:47

Tgt Ion: 91 Resp: 759130

Ion Ratio Lower Upper

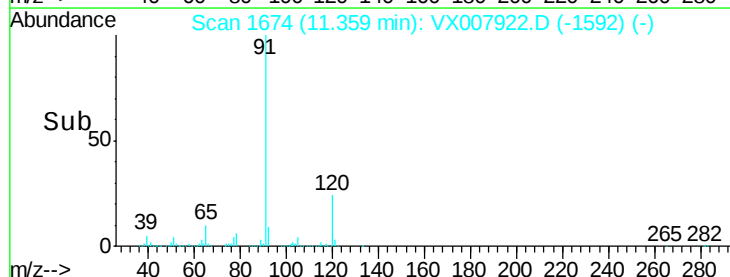
91 100

120 23.4 0.0 48.6



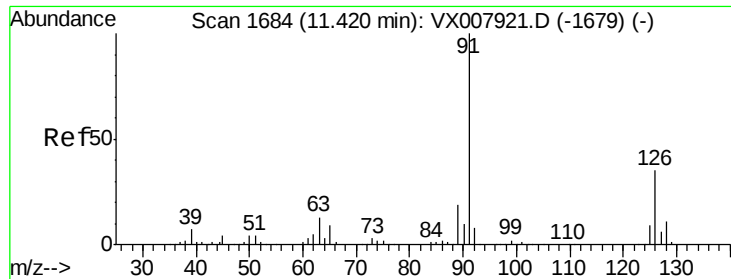
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



11.36

Time-->



#75

2-Chlorotoluene

Concen: 48.869 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007922.D

Acq: 08 Mar 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

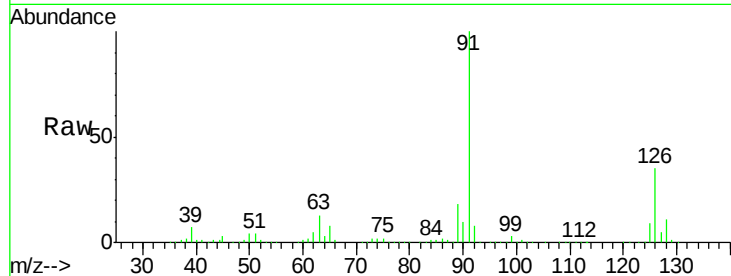
VSTDIC050

Tot Ion: 91 Resp: 449956

Ion Ratio Lower Upper

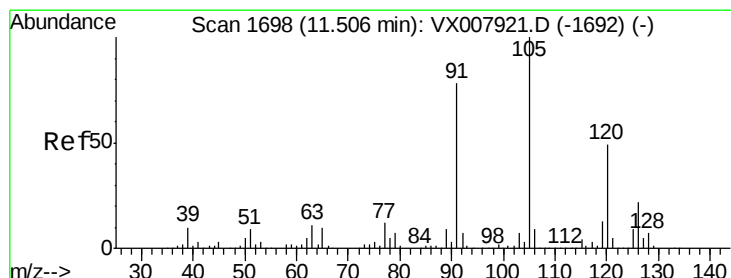
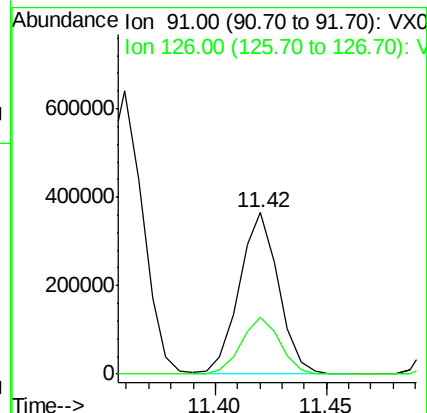
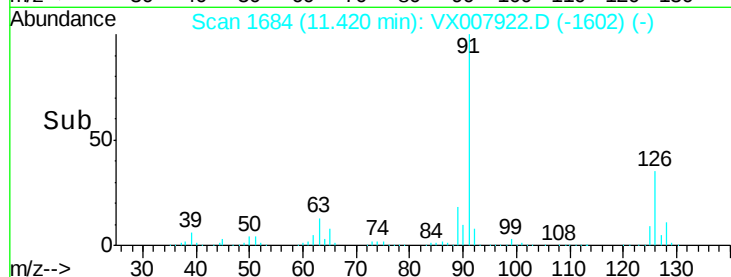
91 100

126 34.8 0.0 75.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 49.128 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007922.D

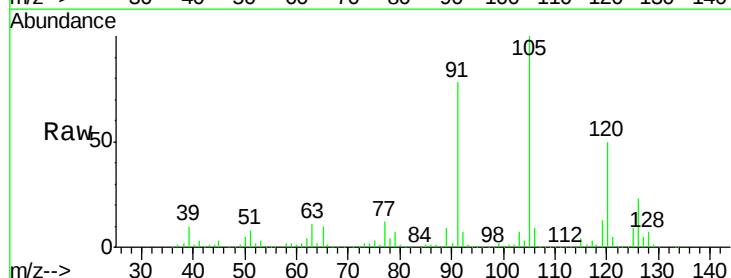
Acq: 08 Mar 2019 10:47

Tgt Ion:105 Resp: 554472

Ion Ratio Lower Upper

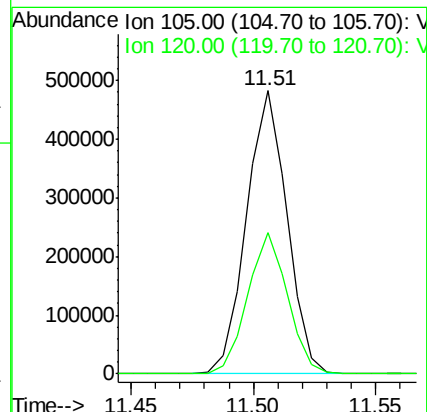
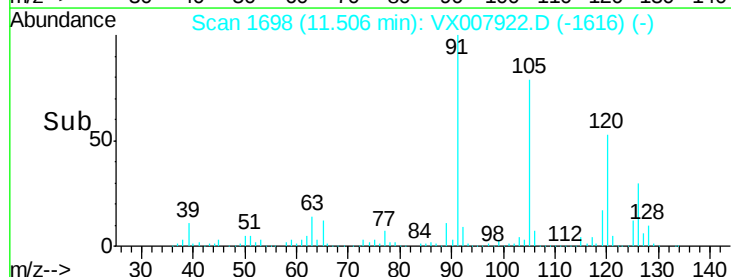
105 100

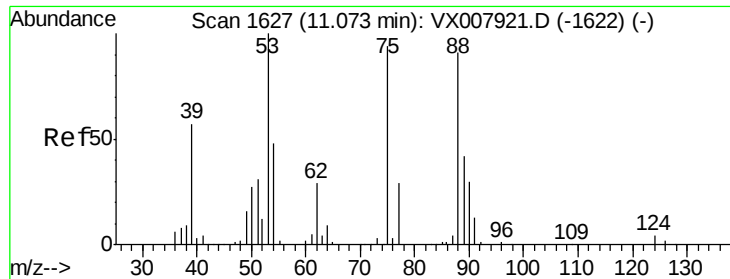
120 49.4 0.0 101.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



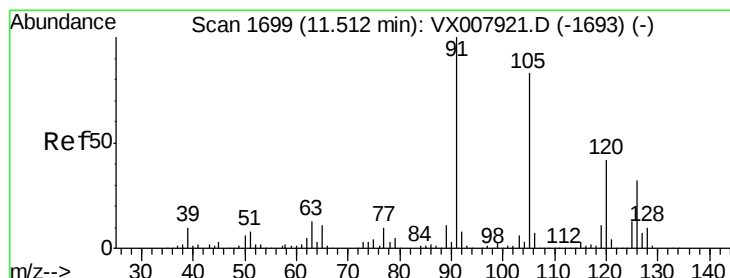
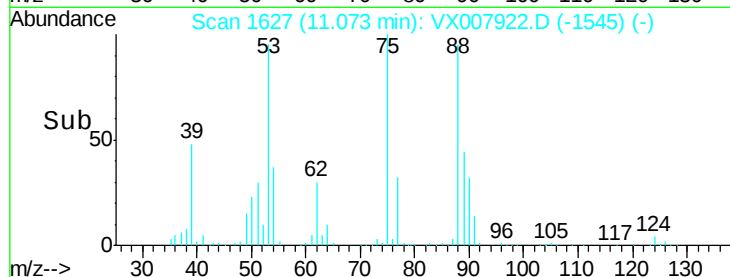
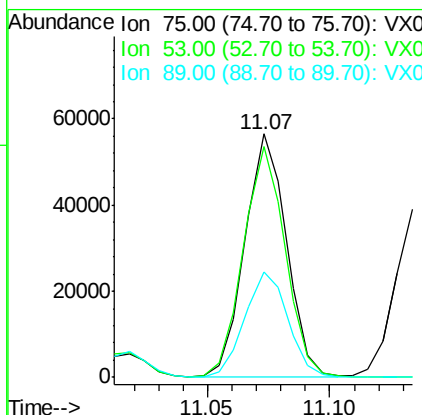
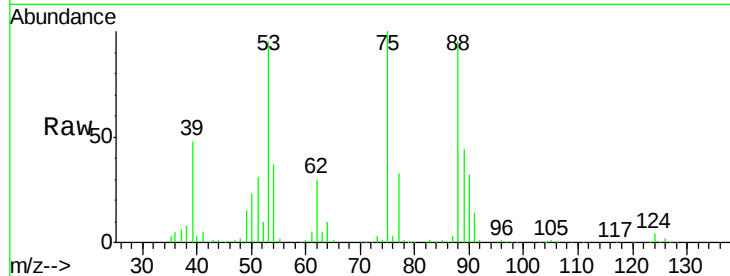


#77
t-1,4-Dichloro-2-butene
Concen: 51.304 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007922.D
Acq: 08 Mar 2019 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion: 75 Resp: 67203

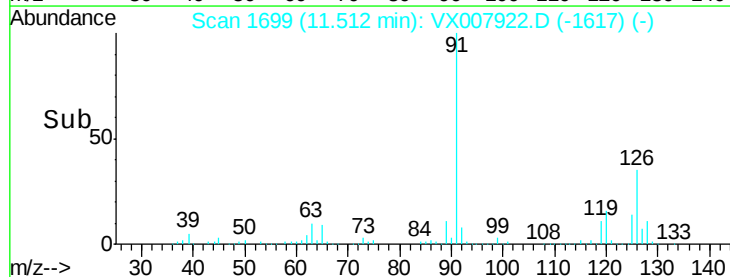
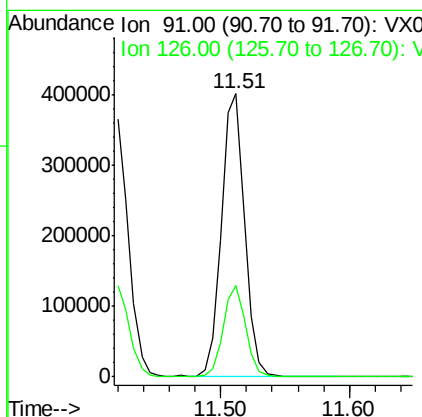
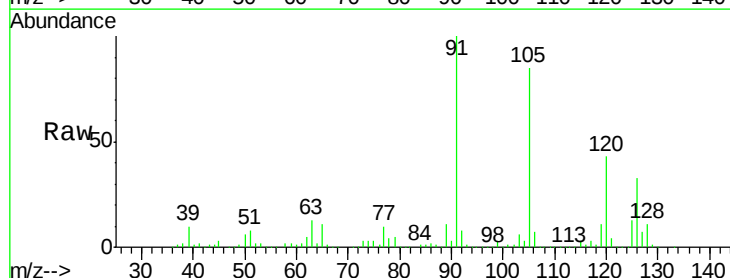
Ion	Ratio	Lower	Upper
75	100		
53	94.6	55.5	166.7
89	43.3	24.4	73.2

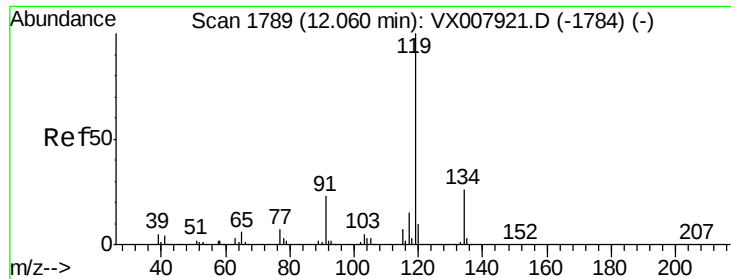


#78
4-Chlorotoluene
Concen: 49.080 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX007922.D
Acq: 08 Mar 2019 10:47

Tgt Ion: 91 Resp: 510936

Ion	Ratio	Lower	Upper
91	100		
126	31.1	0.0	66.2

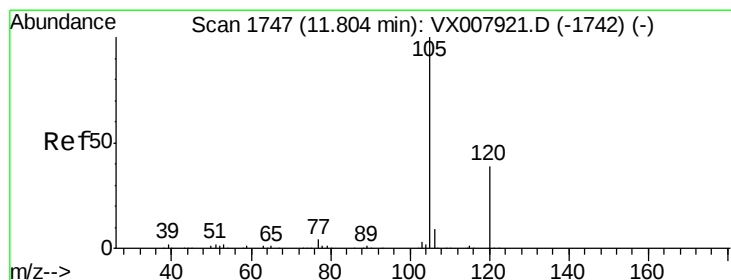
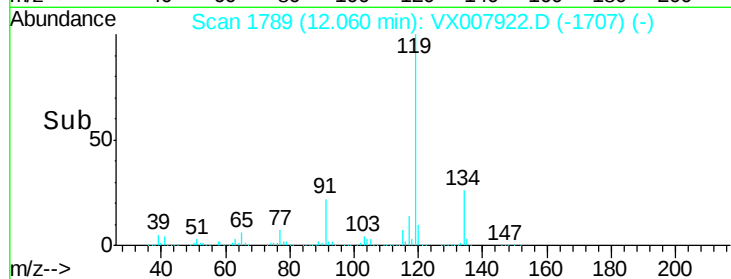
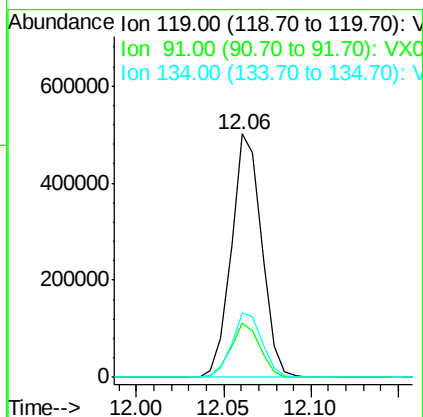
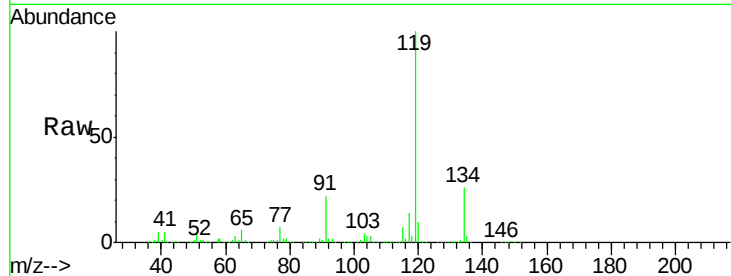




#79
tert-butylbenzene
Concen: 49.681 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX007922.D
Acq: 08 Mar 2019 10:47

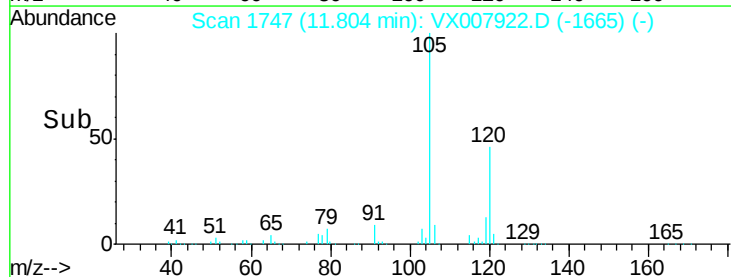
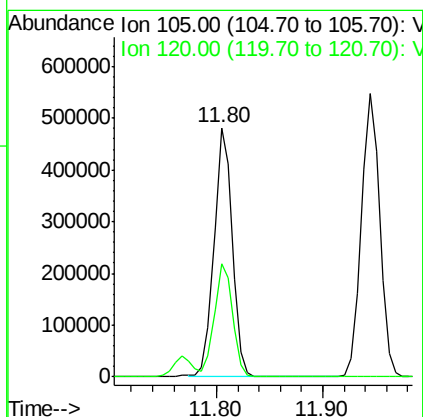
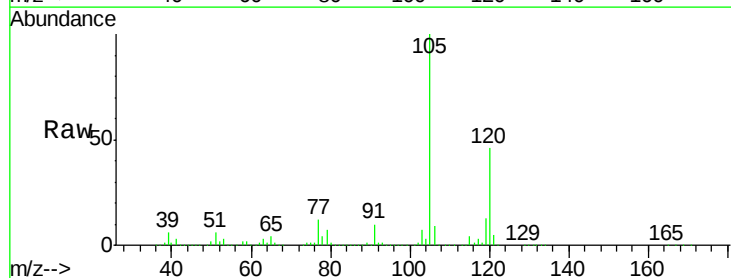
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

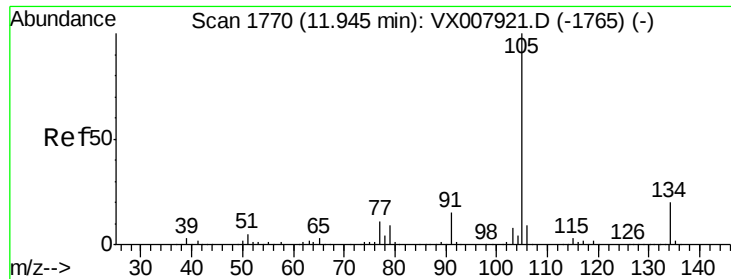
Tot Ion:119 Resp: 601721
Ion Ratio Lower Upper
119 100
91 21.8 0.0 45.0
134 26.5 0.0 55.4



#80
1,2,4-Trimethylbenzene
Concen: 49.433 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX007922.D
Acq: 08 Mar 2019 10:47

Tgt Ion:105 Resp: 566249
Ion Ratio Lower Upper
105 100
120 45.5 0.0 94.0

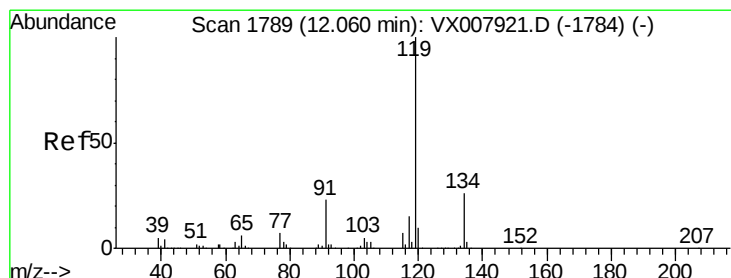
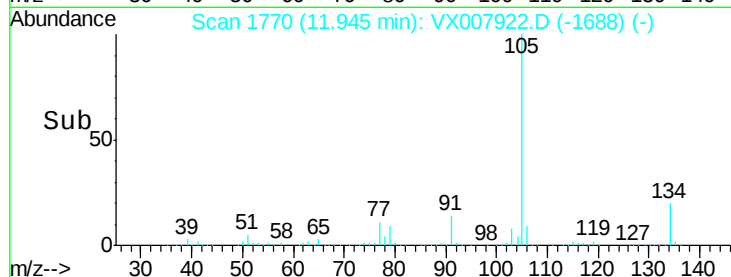
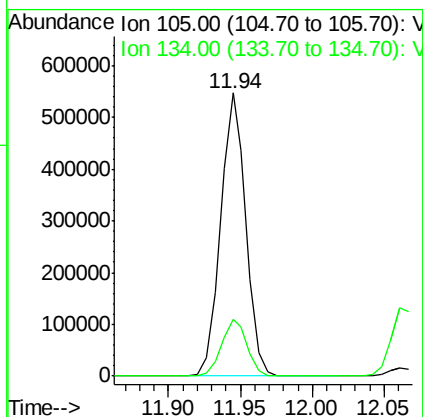
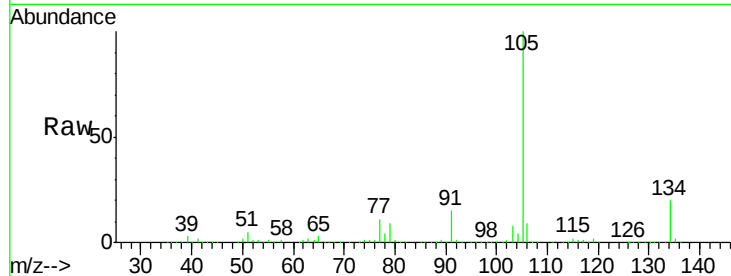




#81
 sec-Butylbenzene
 Concen: 49.363 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX007922.D
 Acq: 08 Mar 2019 10:47

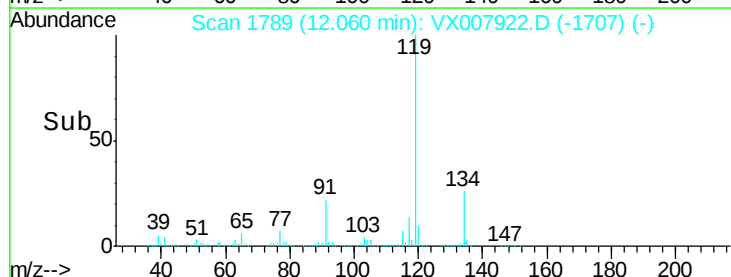
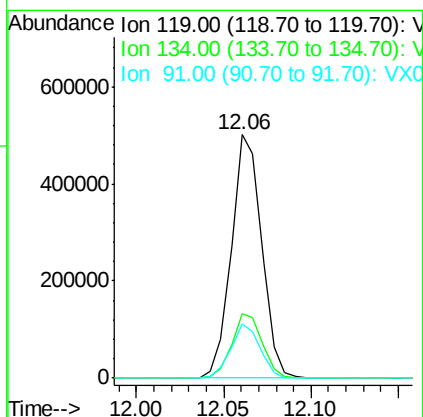
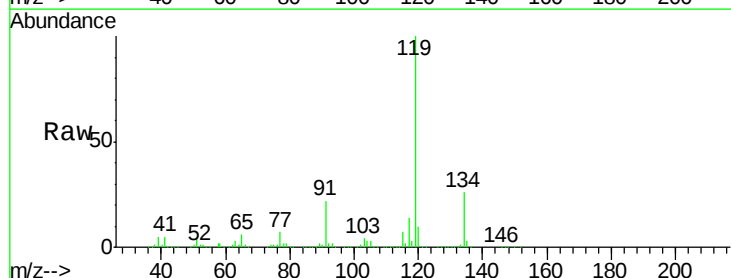
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

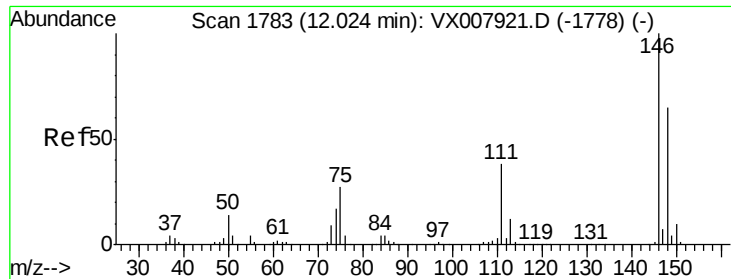
Tot Ion:105 Resp: 669665
 Ion Ratio Lower Upper
 105 100
 134 20.4 0.0 41.8



#82
 p-Isopropyltoluene
 Concen: 49.681 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX007922.D
 Acq: 08 Mar 2019 10:47

Tgt Ion:119 Resp: 601721
 Ion Ratio Lower Upper
 119 100
 134 26.5 0.0 55.4
 91 21.8 0.0 45.0

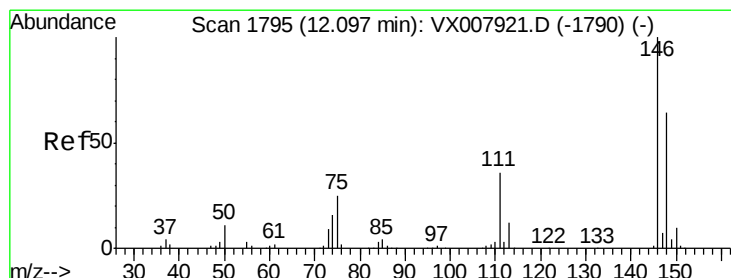
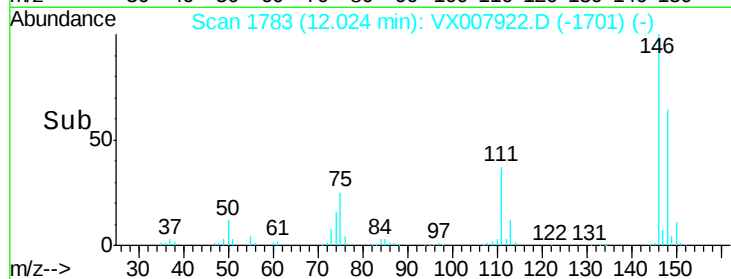
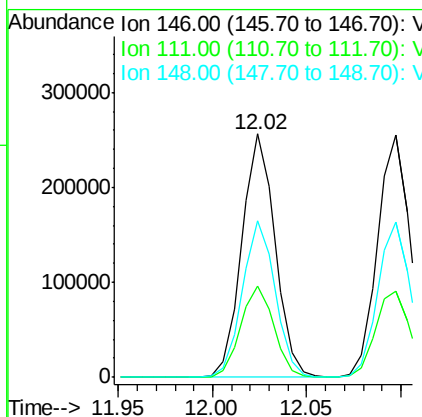
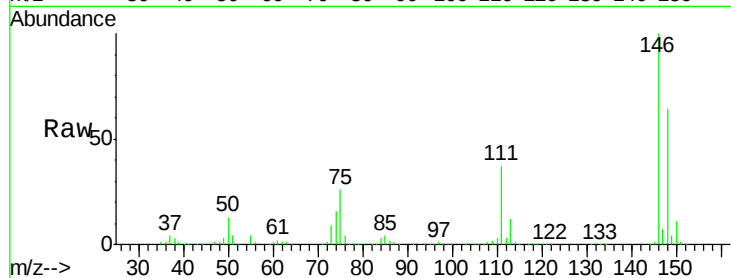




#83
 1,3-Dichlorobenzene
 Concen: 48.744 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007922.D
 Acq: 08 Mar 2019 10:47

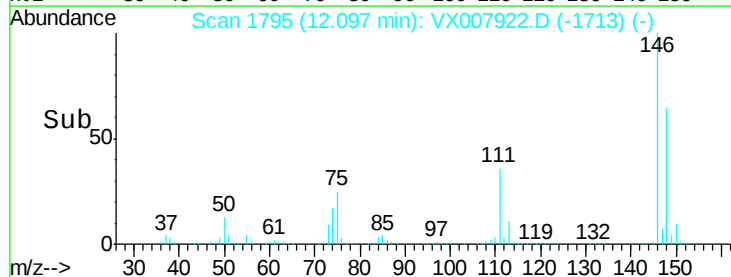
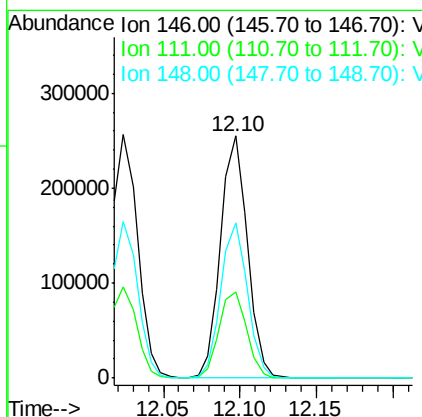
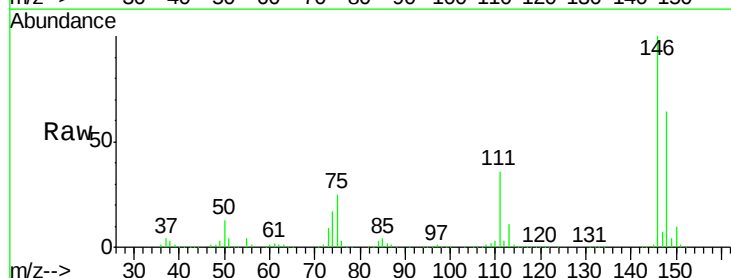
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

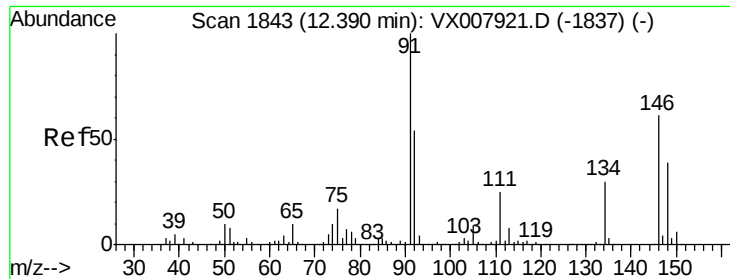
Tot Ion:146 Resp: 314201
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.8 56.3
 148 63.8 30.6 91.8



#84
 1,4-Dichlorobenzene
 Concen: 48.340 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007922.D
 Acq: 08 Mar 2019 10:47

Tgt Ion:146 Resp: 311764
 Ion Ratio Lower Upper
 146 100
 111 36.6 17.6 52.8
 148 63.8 31.4 94.2

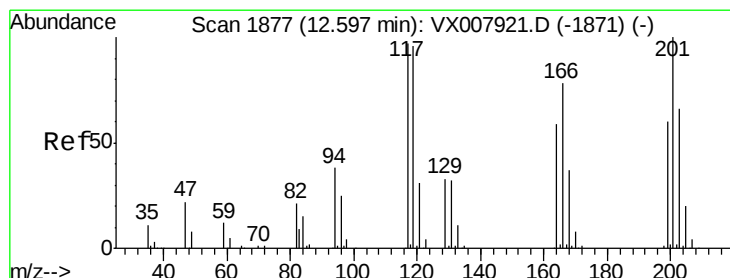
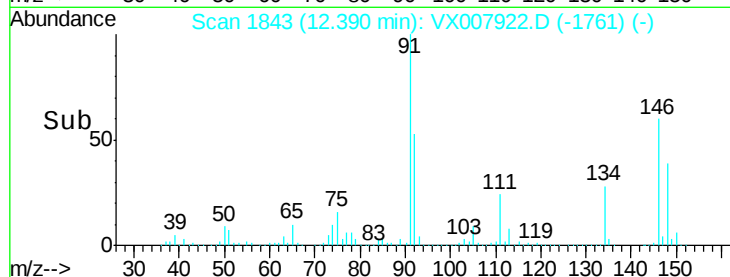
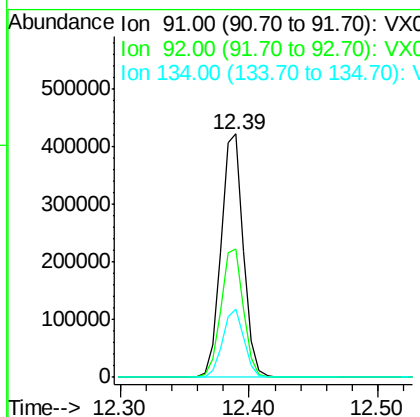
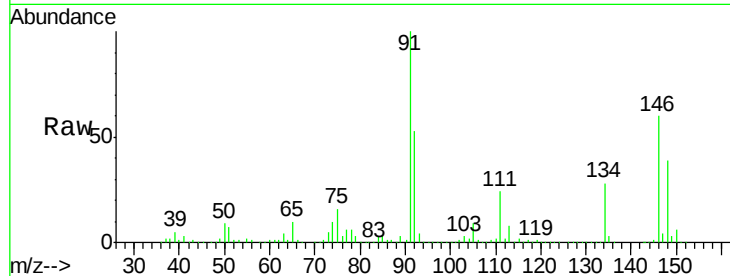




#85
n-Butylbenzene
Concen: 49.701 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX007922.D
Acq: 08 Mar 2019 10:47

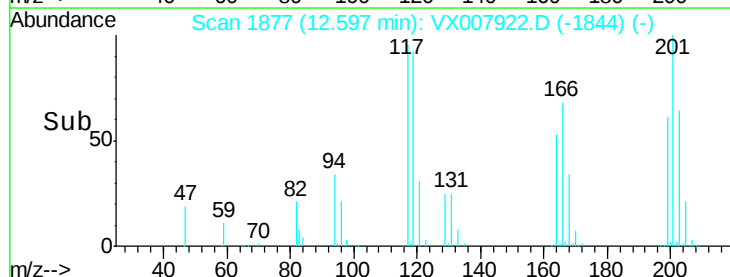
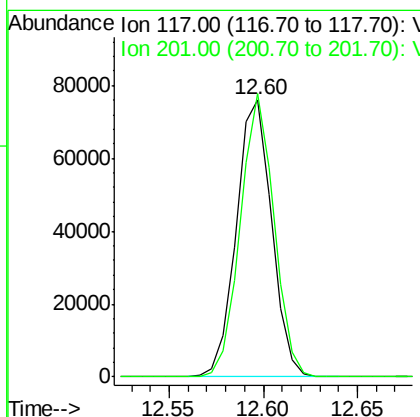
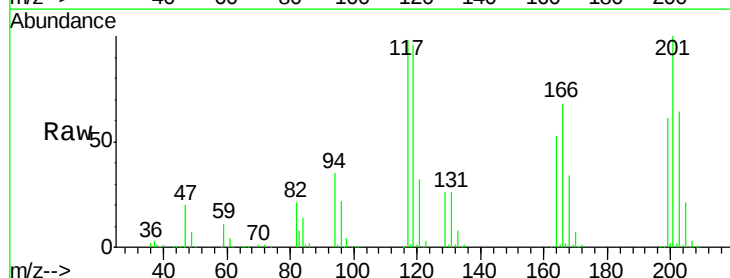
Instrument :
MSVOA_X
ClientSampled :
VSTDIC050

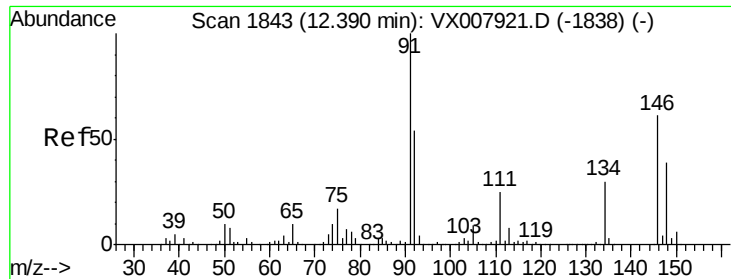
Tot Ion: 91 Resp: 514811
Ion Ratio Lower Upper
91 100
92 53.1 0.0 105.2
134 27.3 0.0 56.4



#86
Hexachloroethane
Concen: 50.036 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007922.D
Acq: 08 Mar 2019 10:47

Tgt Ion: 117 Resp: 98742
Ion Ratio Lower Upper
117 100
201 97.3 41.1 123.3

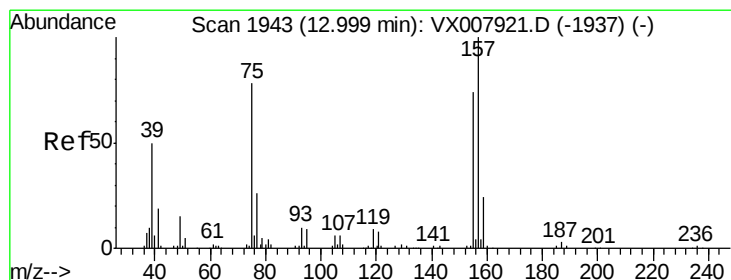
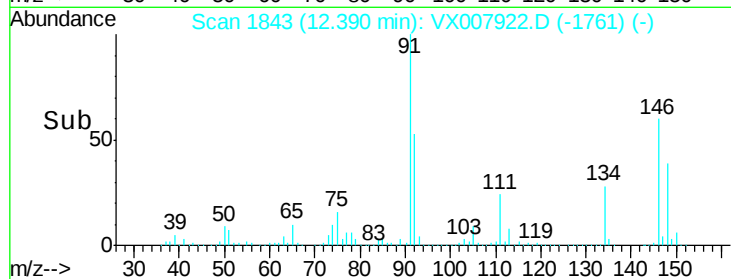
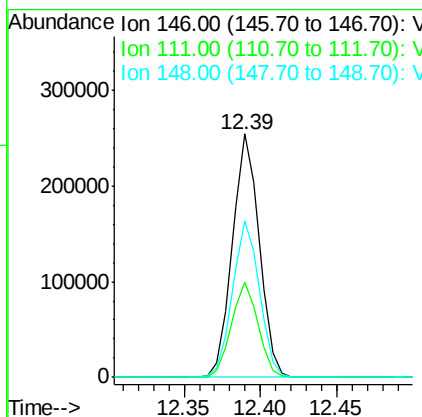
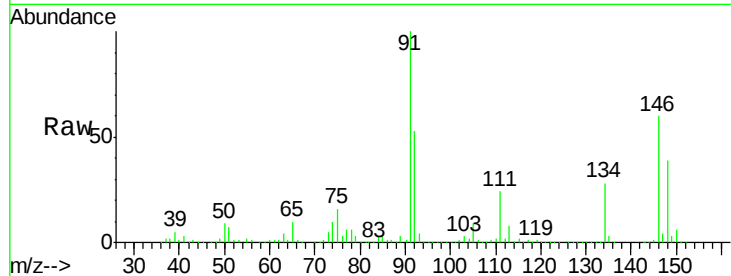




#87
 1,2-Dichlorobenzene
 Concen: 48.465 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007922.D
 Acq: 08 Mar 2019 10:47

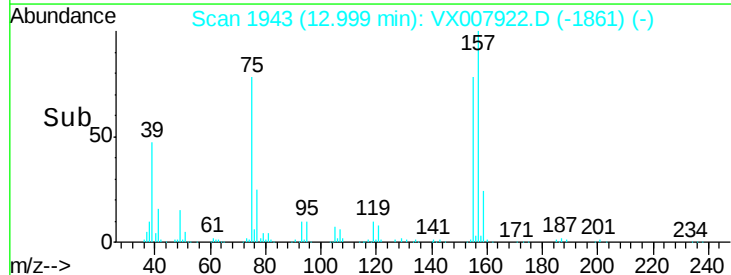
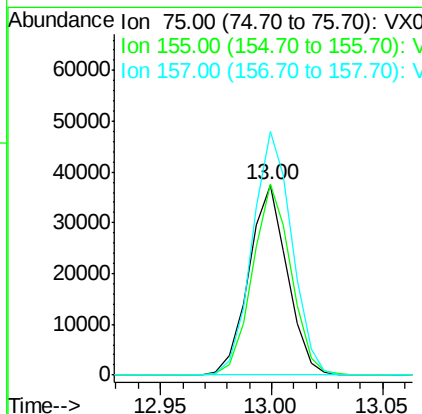
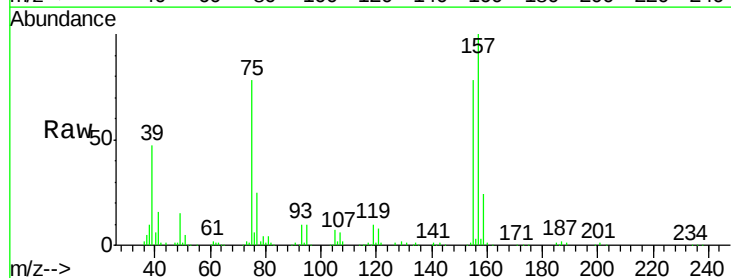
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

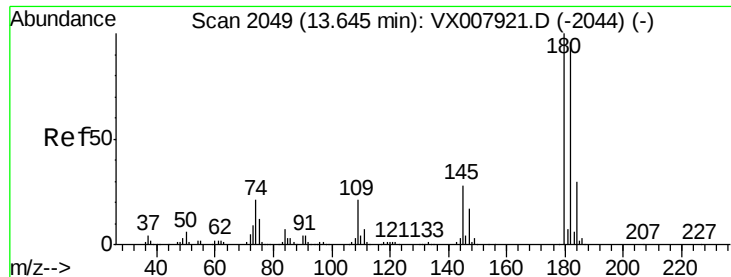
Tot Ion:146 Resp: 308743
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.3 57.8
 148 64.4 32.1 96.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 49.049 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007922.D
 Acq: 08 Mar 2019 10:47

Tgt Ion: 75 Resp: 45062
 Ion Ratio Lower Upper
 75 100
 155 100.1 81.0 121.6
 157 131.3 103.2 154.8

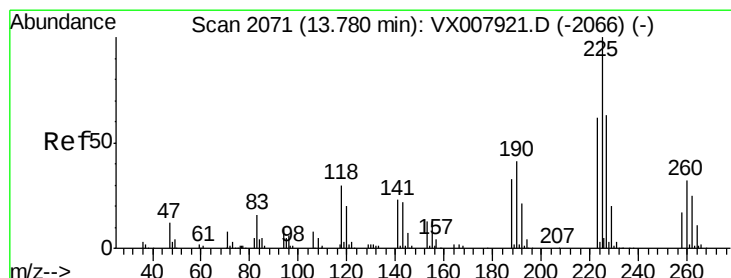
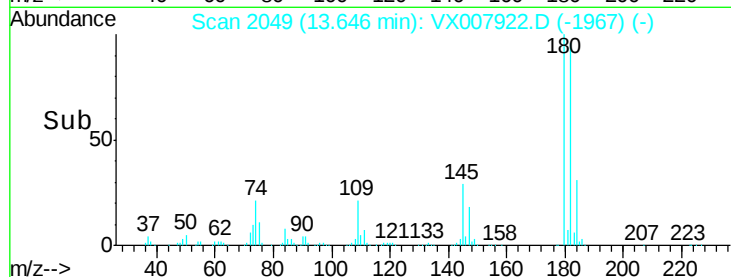
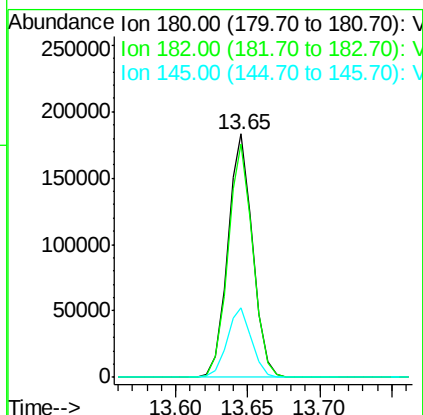
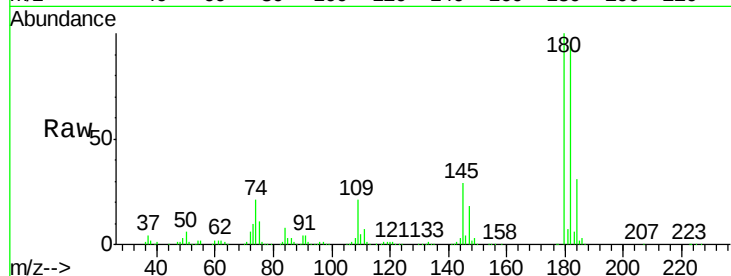




#89
 1,2,4-Trichlorobenzene
 Concen: 48.281 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007922.D
 Acq: 08 Mar 2019 10:47

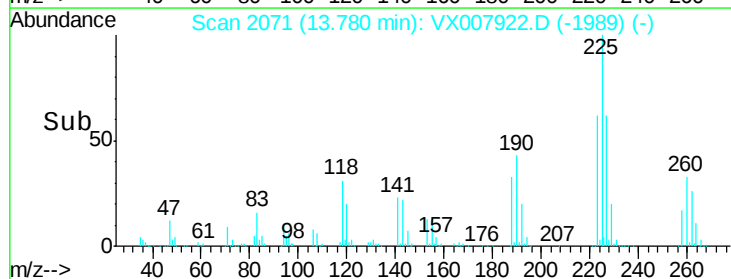
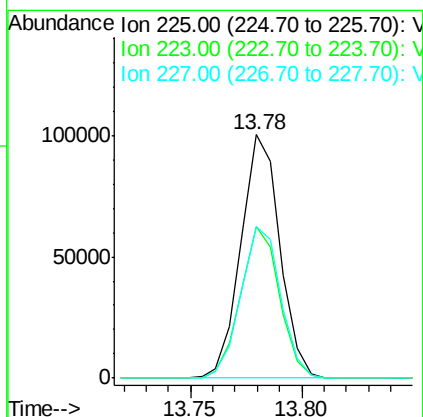
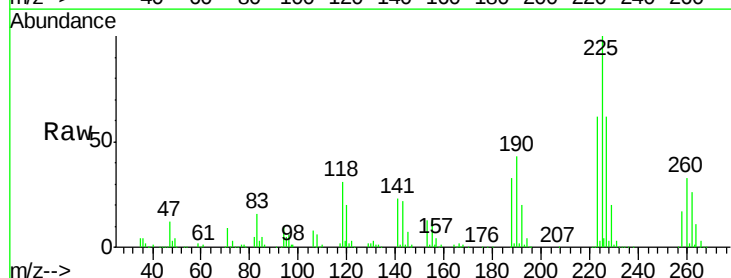
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

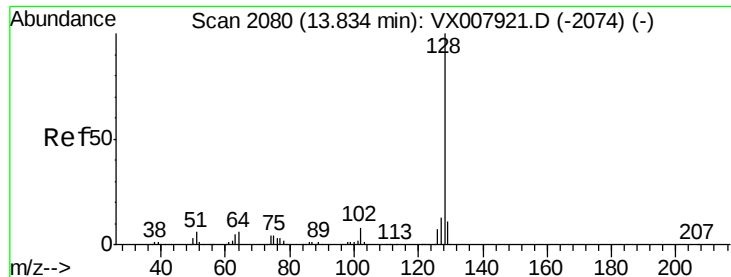
Tot Ion:180 Resp: 221045
 Ion Ratio Lower Upper
 180 100
 182 95.4 75.6 113.4
 145 28.4 23.0 34.6



#90
 Hexachlorobutadiene
 Concen: 48.683 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007922.D
 Acq: 08 Mar 2019 10:47

Tgt Ion:225 Resp: 122927
 Ion Ratio Lower Upper
 225 100
 223 61.9 0.0 123.8
 227 63.5 0.0 124.4

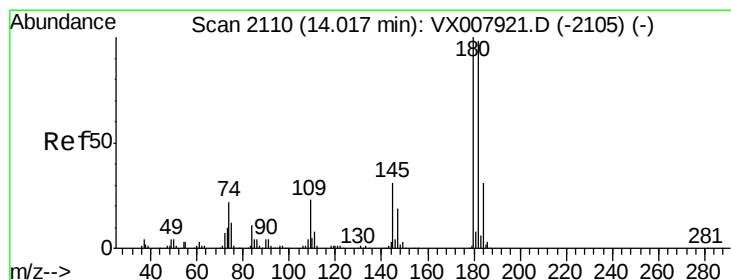
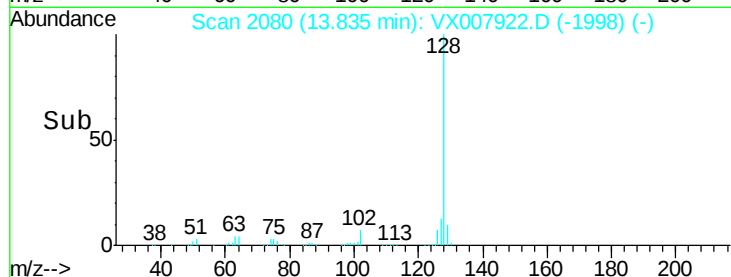
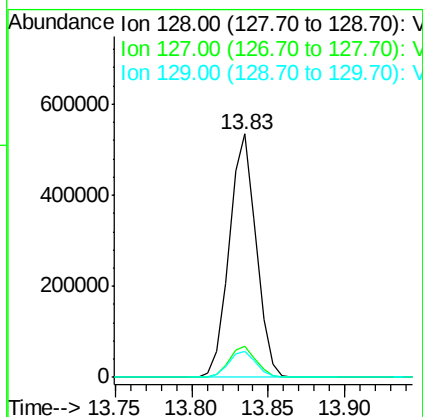
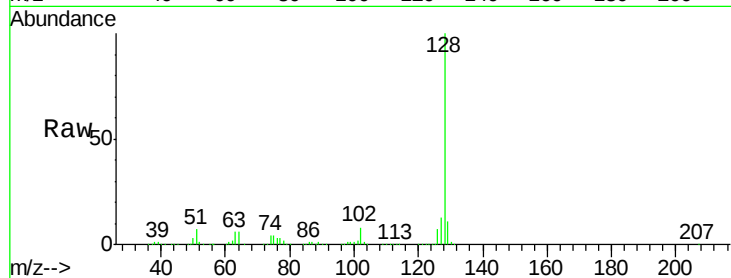




#91
Naphthalene
Concen: 49.424 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007922.D
Acq: 08 Mar 2019 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion:128 Resp: 648630
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.9 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 48.701 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX007922.D
Acq: 08 Mar 2019 10:47

Tgt Ion:180 Resp: 221623
Ion Ratio Lower Upper
180 100
182 95.1 0.0 193.0
145 30.0 0.0 63.0

