

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020819\
 Data File : VX007443.D
 Acq On : 08 Feb 2019 15:42
 Operator : JC/SP
 Sample : VX0208WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 08 23:04:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	456932	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	689750	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	626709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	314677	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	249718	51.49	ug/l	0.00
Spiked Amount			Recovery	=	102.98%	
35) Dibromofluoromethane	5.51	113	227134	50.61	ug/l	0.00
Spiked Amount			Recovery	=	101.22%	
50) Toluene-d8	8.71	98	824070	49.49	ug/l	0.00
Spiked Amount			Recovery	=	98.98%	
62) 4-Bromofluorobenzene	11.13	95	288635	47.48	ug/l	0.00
Spiked Amount			Recovery	=	94.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	108493	19.431	ug/l	98
3) Chloromethane	1.33	50	96265	18.704	ug/l	99
4) Vinyl Chloride	1.41	62	103291	20.457	ug/l	98
5) Bromomethane	1.64	94	94864	18.695	ug/l	98
6) Chloroethane	1.73	64	65220	19.968	ug/l	98
7) Trichlorofluoromethane	1.93	101	159064	20.139	ug/l	100
8) Diethyl Ether	2.19	74	60266	20.272	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	92577	19.705	ug/l	99
10) Methyl Iodide	2.51	142	129796	18.780	ug/l	99
11) Tert butyl alcohol	3.07	59	106078	105.687	ug/l	98
12) 1,1-Dichloroethene	2.38	96	85782	19.662	ug/l	99
13) Acrolein	2.30	56	48531	103.112	ug/l	99
14) Allyl chloride	2.73	41	142960	20.111	ug/l	97
15) Acrylonitrile	3.15	53	263282	106.036	ug/l	99
16) Acetone	2.45	43	259093	116.622	ug/l	99
17) Carbon Disulfide	2.57	76	197843	18.727	ug/l	100
18) Methyl Acetate	2.78	43	137969	24.145	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	290070	20.523	ug/l	95
20) Methylene Chloride	2.86	84	96277	20.988	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	90579	19.490	ug/l	95
22) Diisopropyl ether	3.87	45	264803	20.251	ug/l	91
23) Vinyl Acetate	3.82	43	1104753	101.815	ug/l	99
24) 1,1-Dichloroethane	3.70	63	151014	20.111	ug/l	98
25) 2-Butanone	4.70	43	332452	105.151	ug/l	100
26) 2,2-Dichloropropane	4.59	77	107048	18.719	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	98437	19.392	ug/l	99
28) Bromochloromethane	5.02	49	68506	19.838	ug/l	99
29) Tetrahydrofuran	5.15	42	217242	109.251	ug/l	99
30) Chloroform	5.22	83	159243	20.323	ug/l	100
31) Cyclohexane	5.57	56	129075	19.139	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	134530	20.340	ug/l	99
36) 1,1-Dichloropropene	5.80	75	111072	17.948	ug/l	99
37) Ethyl Acetate	4.86	43	125502	20.061	ug/l	99
38) Carbon Tetrachloride	5.78	117	115151	19.179	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	137827	18.407	ug/l	97
40) Benzene	6.14	78	351572	19.285	ug/l	98
41) Methacrylonitrile	5.06	41	70129	20.916	ug/l	99
42) 1,2-Dichloroethane	6.20	62	124501	19.739	ug/l	99
43) Isopropyl Acetate	6.46	43	192023	19.886	ug/l	99
44) Trichloroethene	7.21	130	103734	18.893	ug/l	99
45) 1,2-Dichloropropane	7.51	63	89606	19.618	ug/l	98
46) Dibromomethane	7.66	93	65276	19.663	ug/l	97
47) Bromodichloromethane	7.90	83	106769	18.977	ug/l	97
48) Methyl methacrylate	7.77	41	97848	20.258	ug/l	98
49) 1,4-Dioxane	7.74	88	41084	378.329	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	649426	102.163	ug/l	100
52) Toluene	8.79	92	223927	19.038	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	112461	18.609	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	129521	19.489	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	97102	19.805	ug/l	98
56) Ethyl methacrylate	9.18	69	132107	19.455	ug/l	98
57) 1,3-Dichloropropane	9.37	76	153338	19.666	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	366274	102.335	ug/l	99
59) 2-Hexanone	9.49	43	494608	99.989	ug/l	100
60) Dibromochloromethane	9.58	129	91753	19.787	ug/l	98
61) 1,2-Dibromoethane	9.67	107	103392	19.913	ug/l	100
64) Tetrachloroethene	9.34	164	107796	18.249	ug/l	93
65) Chlorobenzene	10.14	112	256914	18.786	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	92805	20.240	ug/l	98
67) Ethyl Benzene	10.25	91	414489	18.820	ug/l	98
68) m/p-Xylenes	10.36	106	322976	36.892	ug/l	99
69) o-Xylene	10.70	106	158069	18.764	ug/l	97
70) Styrene	10.71	104	258062	18.889	ug/l	99
71) Bromoform	10.86	173	64542	18.785	ug/l #	100
73) Isopropylbenzene	11.02	105	424762	19.864	ug/l	98
74) N-amyl acetate	10.90	43	165595	20.021	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	140620	21.577	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	155810	25.456	ug/l	78
77) Bromobenzene	11.26	156	118185	19.616	ug/l	99
78) n-propylbenzene	11.36	91	468183	19.966	ug/l	100
79) 2-Chlorotoluene	11.42	91	277569	19.508	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	345249	19.734	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	35171	20.487	ug/l	96
82) 4-Chlorotoluene	11.51	91	318630	19.354	ug/l	100
83) tert-Butylbenzene	11.77	119	334113	19.290	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	358536	20.186	ug/l	99
85) sec-Butylbenzene	11.94	105	421095	20.087	ug/l	100
86) p-Isopropyltoluene	12.06	119	372063	19.661	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	206845	19.129	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	208836	19.037	ug/l	98
89) n-Butylbenzene	12.39	91	306786	18.845	ug/l	99
90) Hexachloroethane	12.60	117	55096	19.453	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	204795	19.031	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	28229	20.832	ug/l	97

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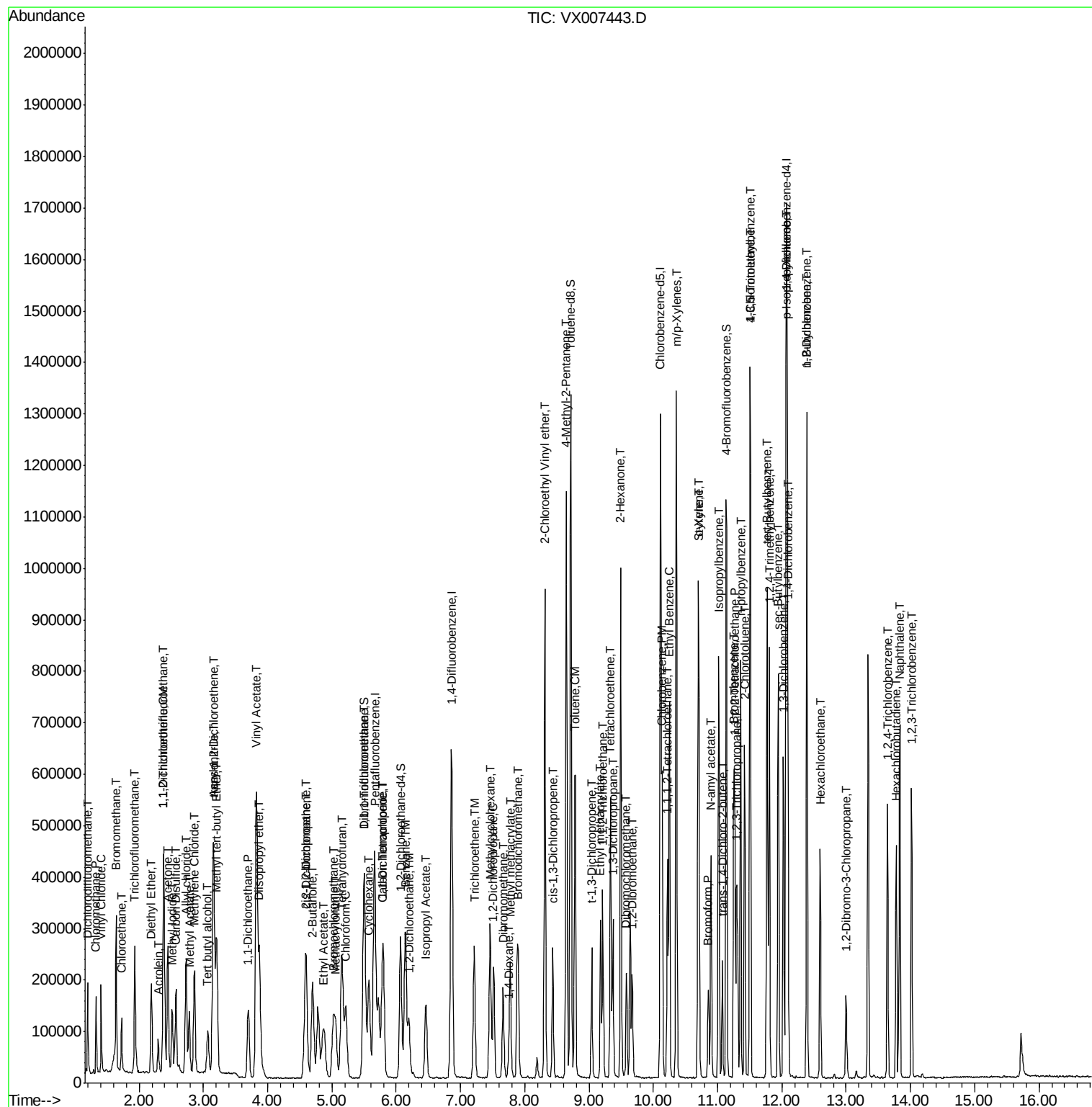
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	136599	18.823	ug/l	99
94) Hexachlorobutadiene	13.78	225	64736	18.371	ug/l	100
95) Naphthalene	13.83	128	427247	20.132	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	135551	18.556	ug/l	97

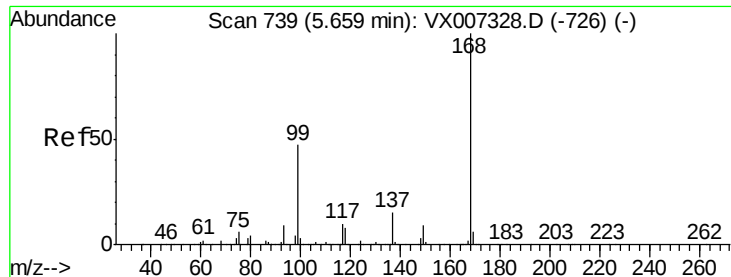
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007443.D

Acq: 08 Feb 2019 15:42

Instrument :

MSVOA_X

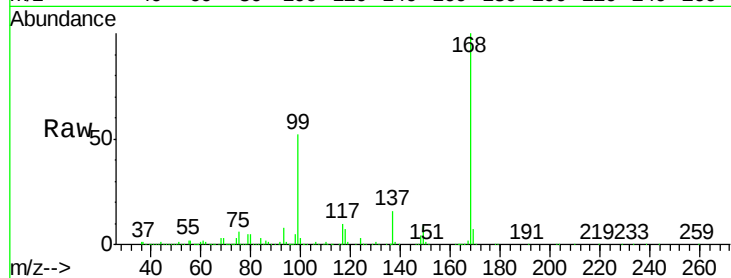
ClientSampleId :

Tot Ion:168 Resp: 456932

Ion Ratio Lower Upper

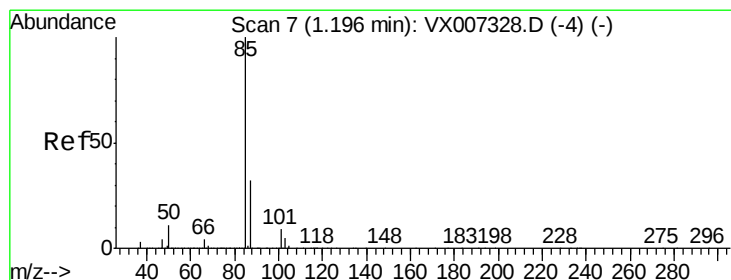
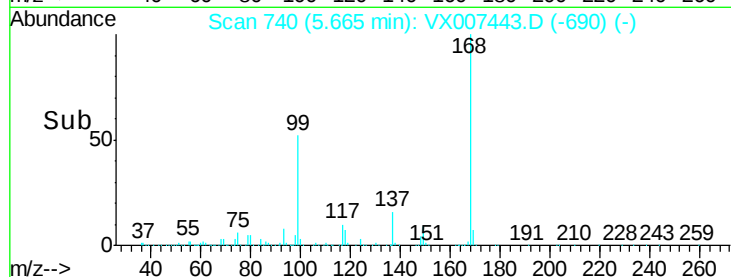
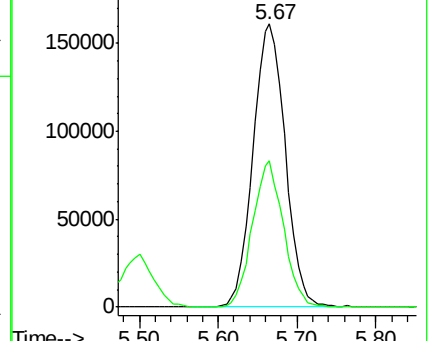
168 100

99 51.6 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.431 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007443.D

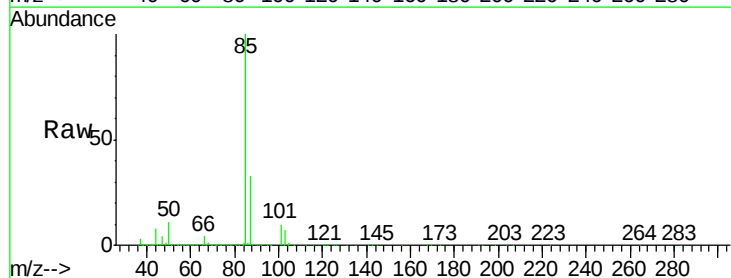
Acq: 08 Feb 2019 15:42

Tgt Ion: 85 Resp: 108493

Ion Ratio Lower Upper

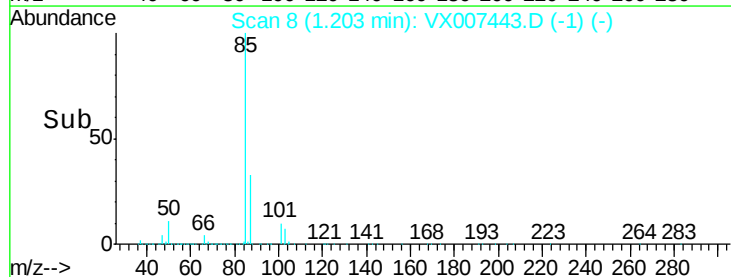
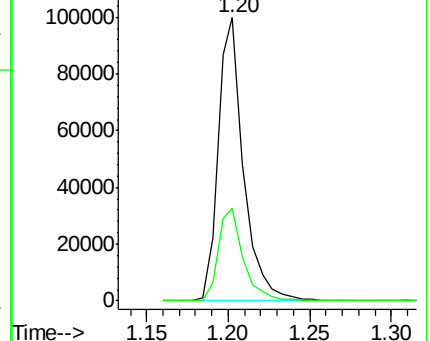
85 100

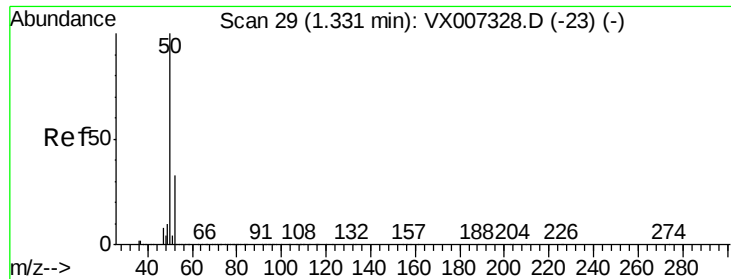
87 32.6 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.704 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007443.D

Acq: 08 Feb 2019 15:42

Instrument :

MSVOA_X

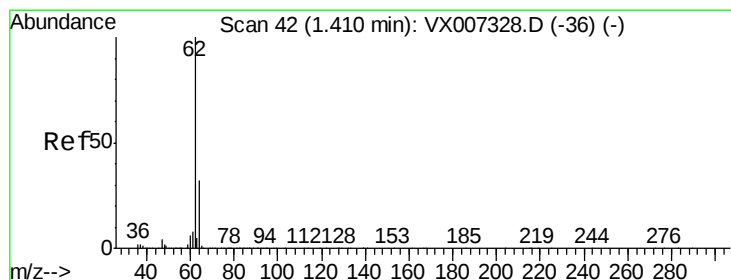
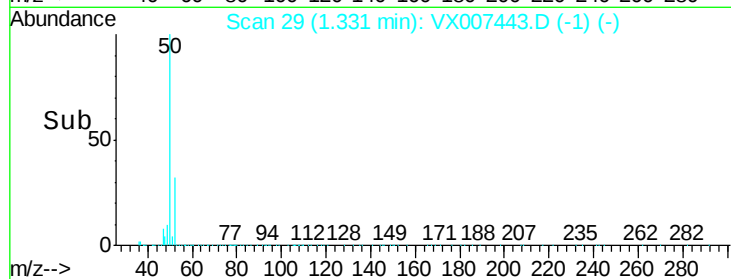
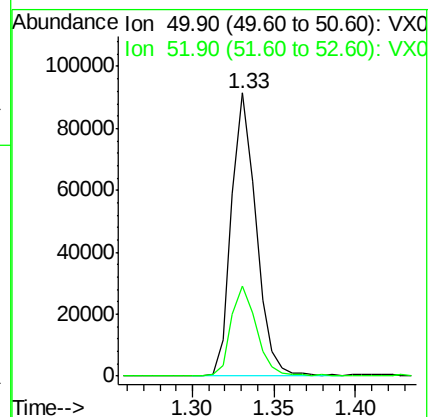
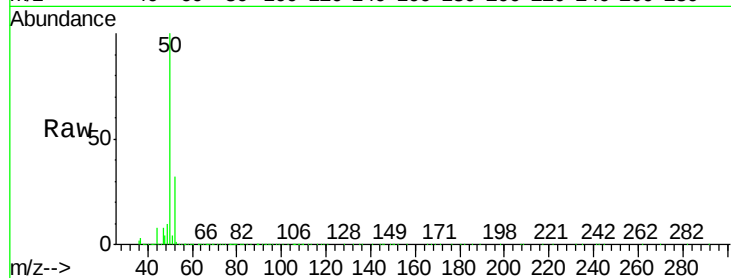
ClientSampleId :

Tot Ion: 50 Resp: 96265

Ion Ratio Lower Upper

50 100

52 31.8 26.1 39.1



#4

Vinyl Chloride

Concen: 20.457 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007443.D

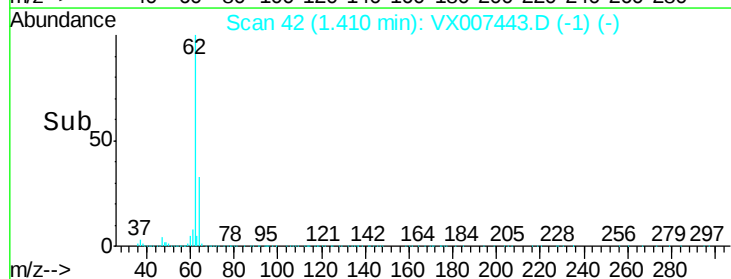
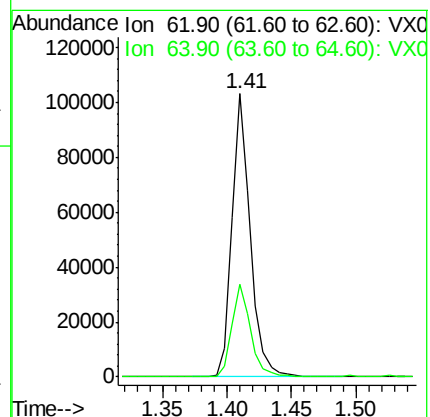
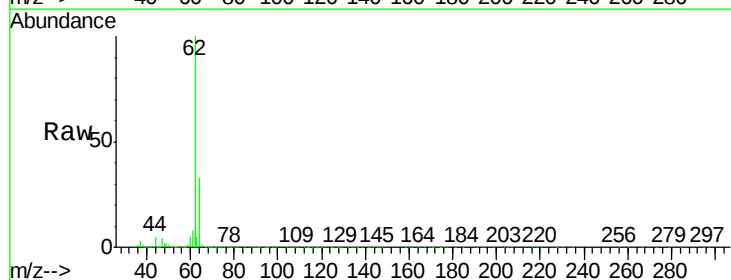
Acq: 08 Feb 2019 15:42

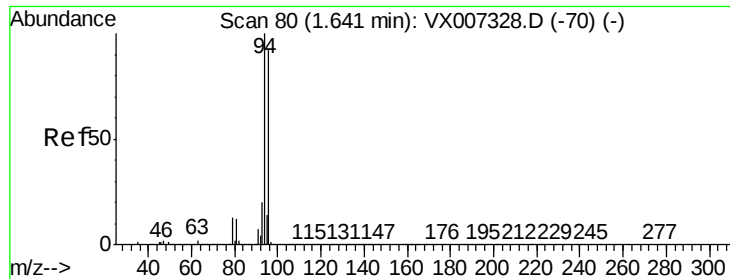
Tgt Ion: 62 Resp: 103291

Ion Ratio Lower Upper

62 100

64 32.7 25.4 38.0





#5

Bromomethane

Concen: 18.695 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007443.D

Acq: 08 Feb 2019 15:42

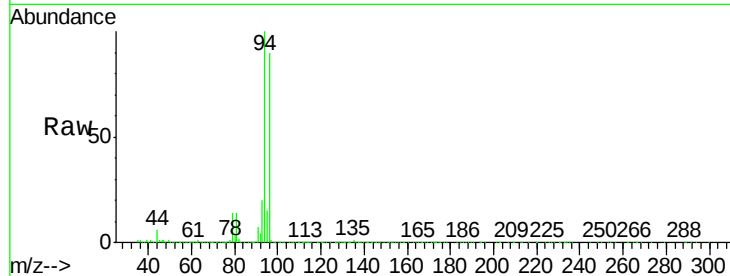
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 94864

Ion Ratio Lower Upper

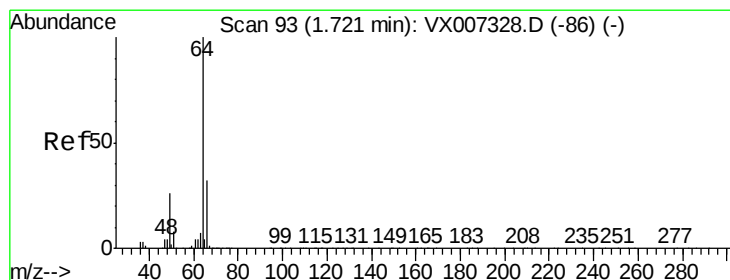
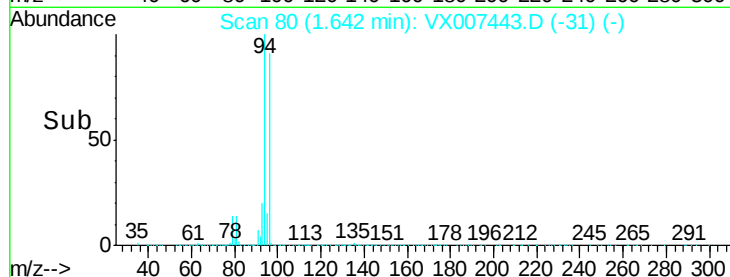
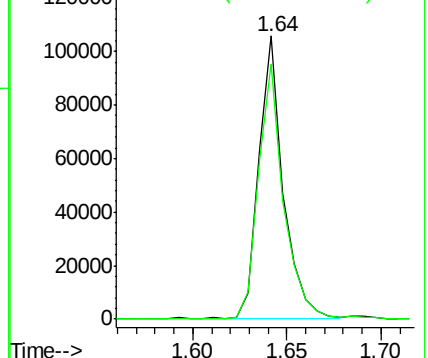
94 100

96 90.1 73.9 110.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.968 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007443.D

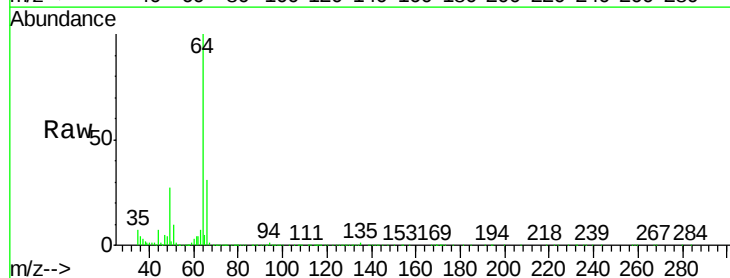
Acq: 08 Feb 2019 15:42

Tgt Ion: 64 Resp: 65220

Ion Ratio Lower Upper

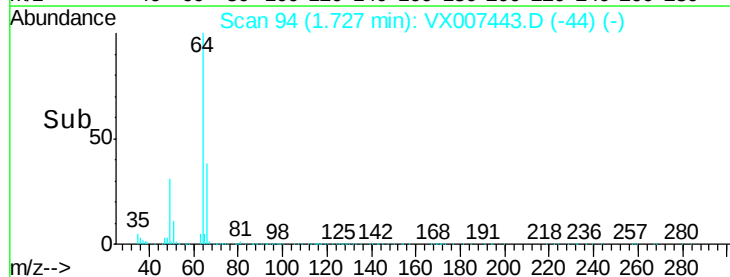
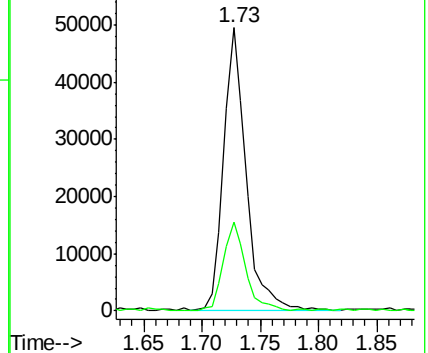
64 100

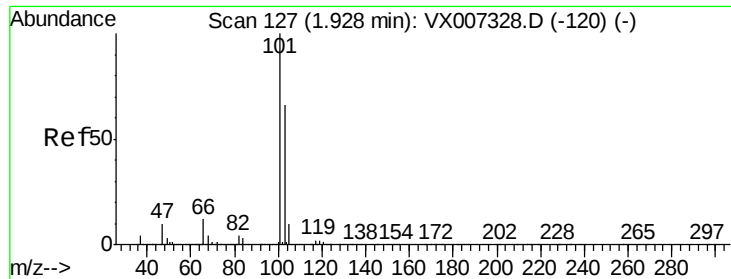
66 31.1 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



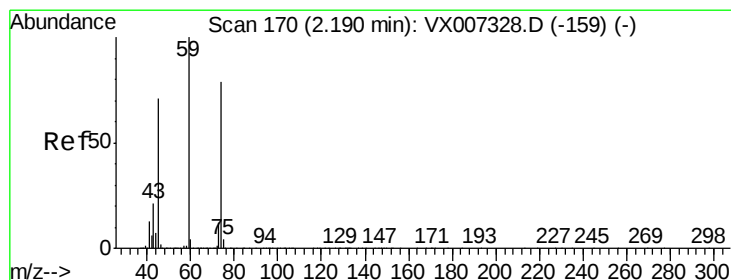
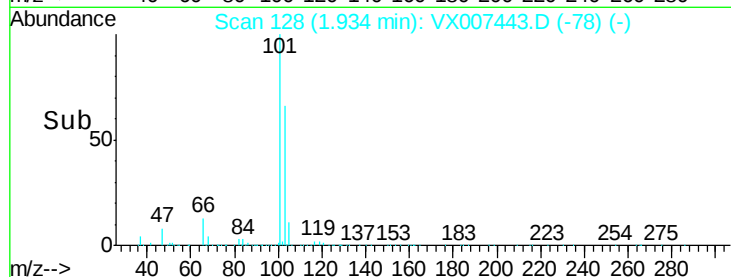
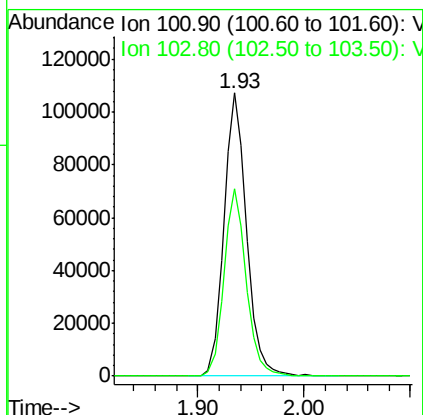
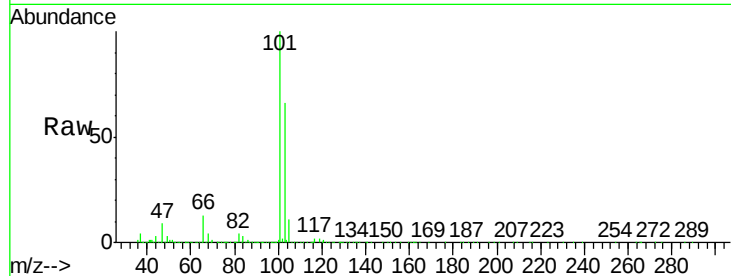


#7

Trichlorofluoromethane
Concen: 20.139 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007443.D
Acq: 08 Feb 2019 15:42

Instrument :
MSVOA_X
ClientSampleId :

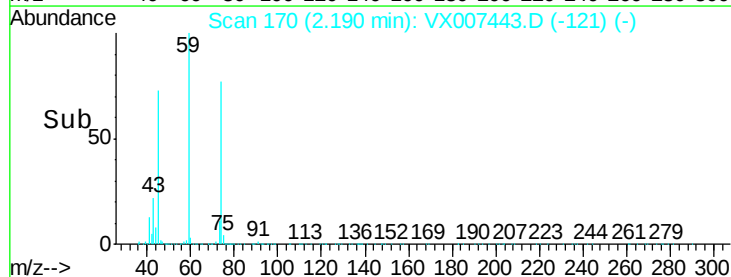
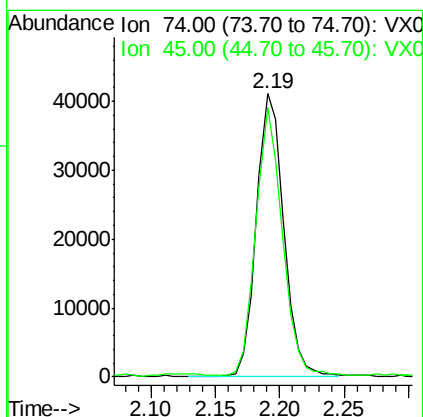
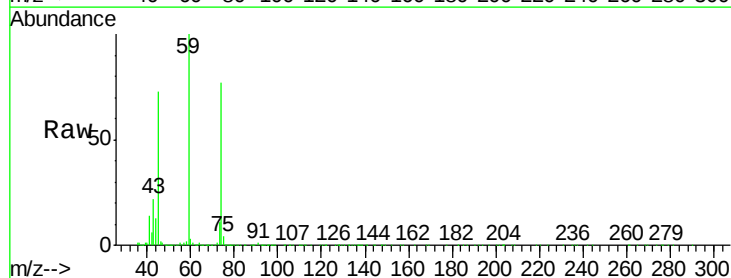
Tot Ion:101 Resp: 159064
Ion Ratio Lower Upper
101 100
103 66.1 52.6 79.0

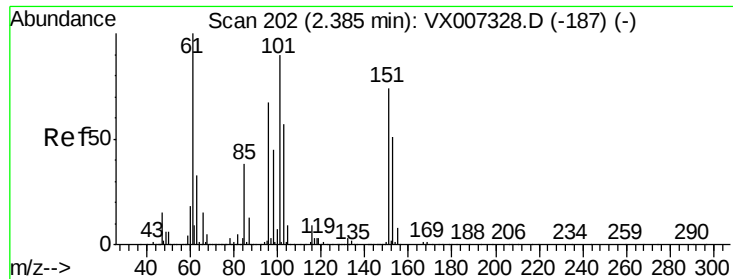


#8

Diethyl Ether
Concen: 20.272 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007443.D
Acq: 08 Feb 2019 15:42

Tgt Ion: 74 Resp: 60266
Ion Ratio Lower Upper
74 100
45 90.2 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.705 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007443.D

Acq: 08 Feb 2019 15:42

Instrument :

MSVOA_X

ClientSampleId :

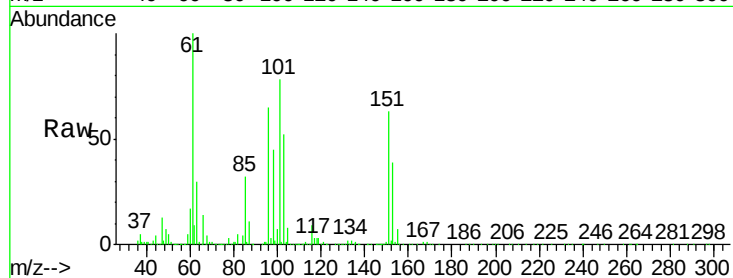
Tot Ion:101 Resp: 92577

Ion Ratio Lower Upper

101 100

85 43.0 34.1 51.1

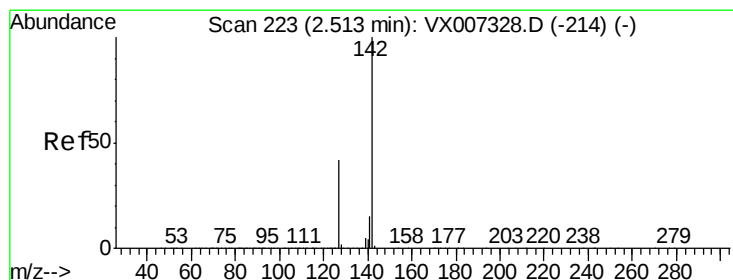
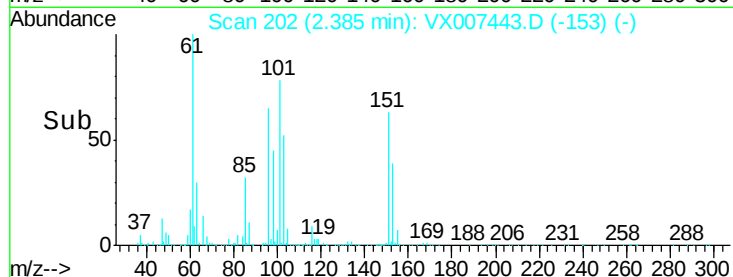
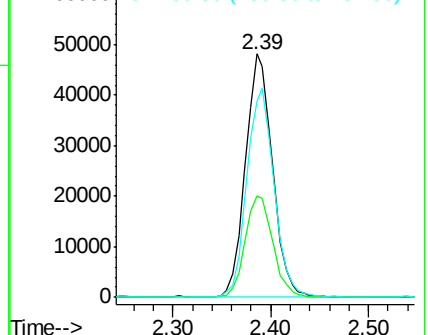
151 86.7 69.9 104.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.780 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007443.D

Acq: 08 Feb 2019 15:42

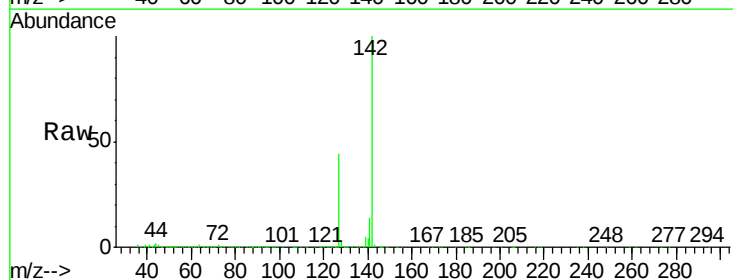
Tgt Ion:142 Resp: 129796

Ion Ratio Lower Upper

142 100

127 42.3 33.7 50.5

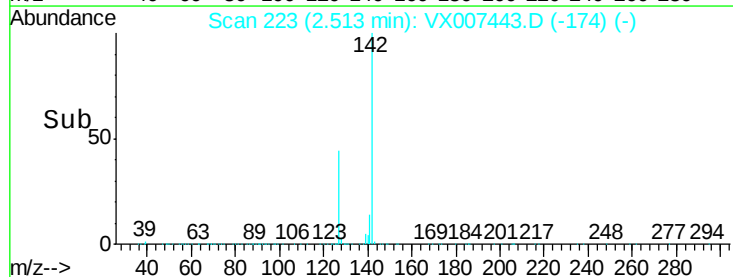
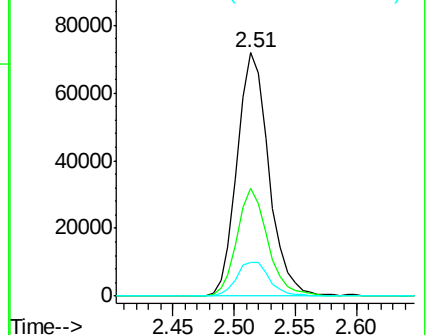
141 14.7 11.3 16.9

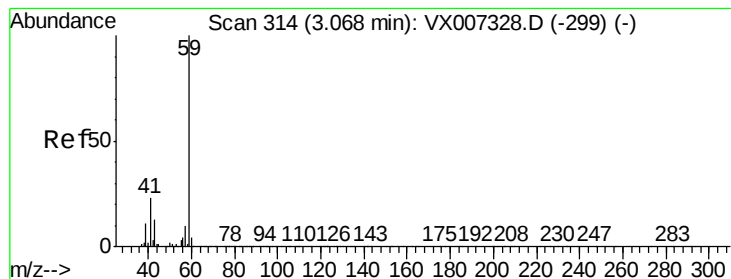


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



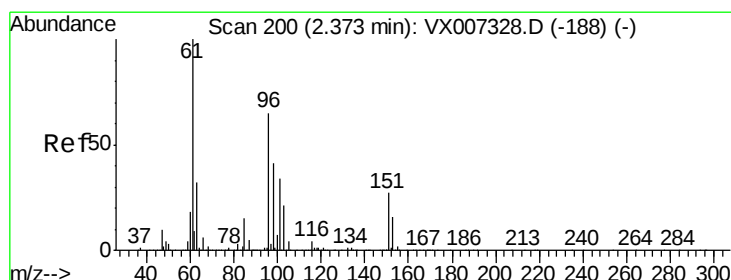
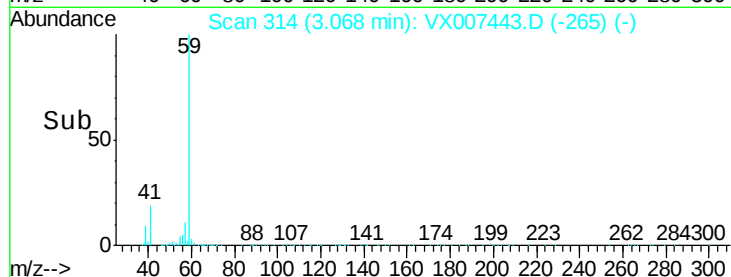
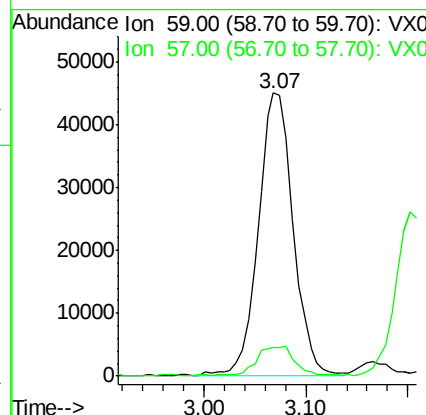
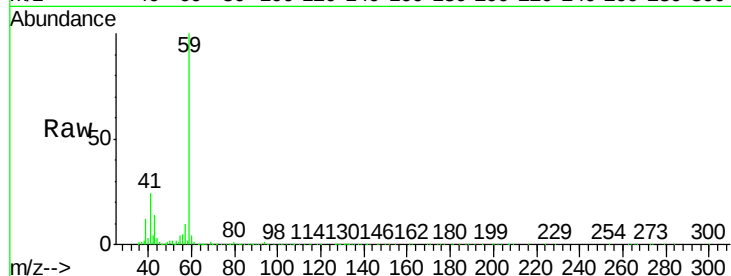


#11

Tert butyl alcohol
Concen: 105.687 ug/l
RT: 3.07 min Scan# 314
Delta R.T. 0.00 min
Lab File: VX007443.D
Acq: 08 Feb 2019 15:42

Instrument :
MSVOA_X
ClientSampleId :

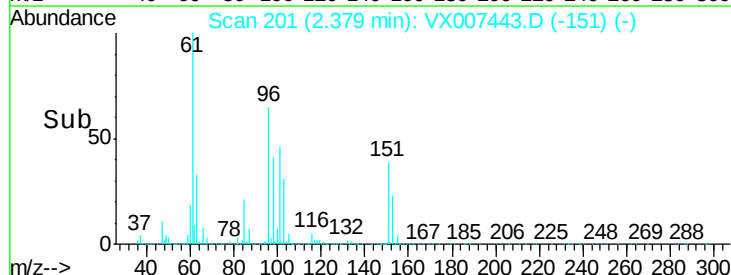
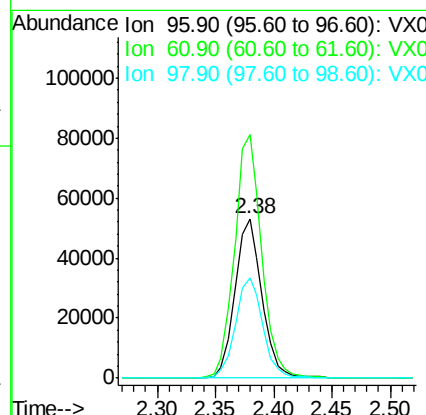
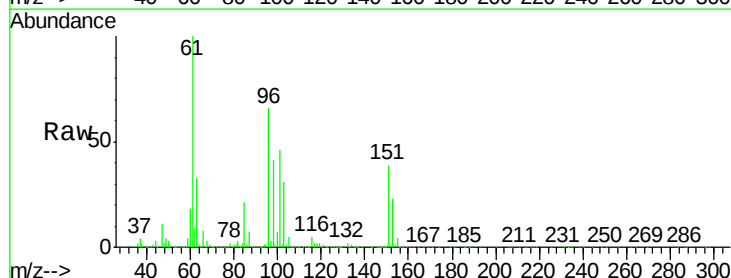
Tot Ion: 59 Resp: 106078
Ion Ratio Lower Upper
59 100
57 10.9 8.1 12.1

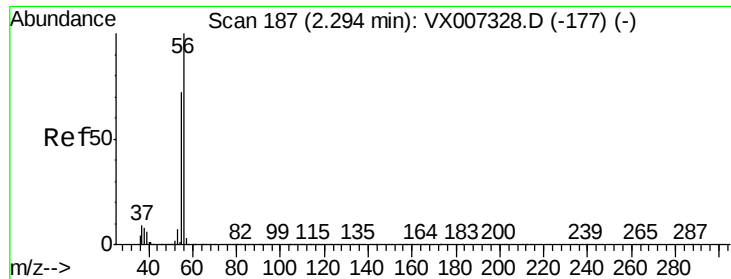


#12

1,1-Dichloroethene
Concen: 19.662 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007443.D
Acq: 08 Feb 2019 15:42

Tgt Ion: 96 Resp: 85782
Ion Ratio Lower Upper
96 100
61 152.3 123.0 184.4
98 62.8 50.9 76.3





#13

Acrolein

Concen: 103.112 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX007443.D

Acq: 08 Feb 2019 15:42

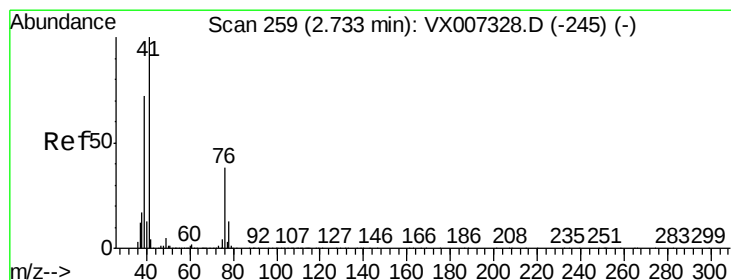
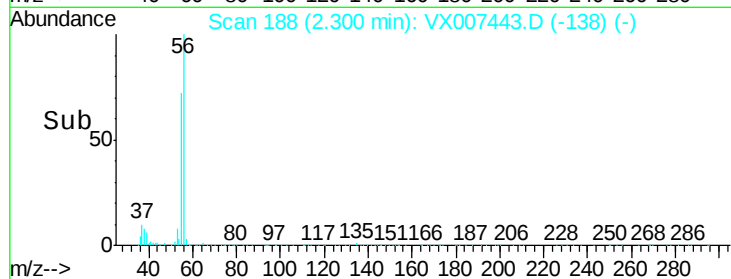
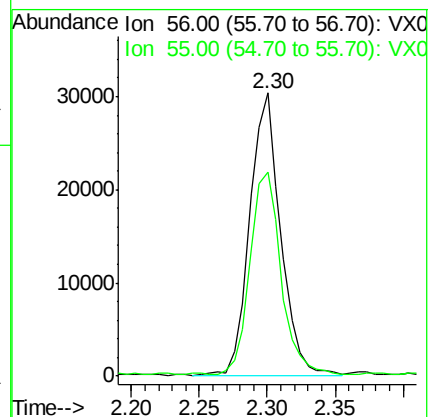
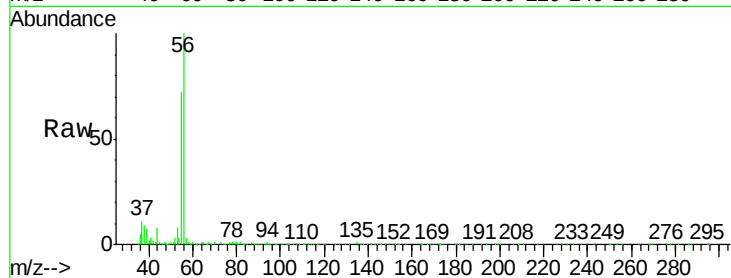
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 48531

Ion Ratio Lower Upper

56 100

55 71.5 56.9 85.3



#14

Allyl chloride

Concen: 20.111 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.00 min

Lab File: VX007443.D

Acq: 08 Feb 2019 15:42

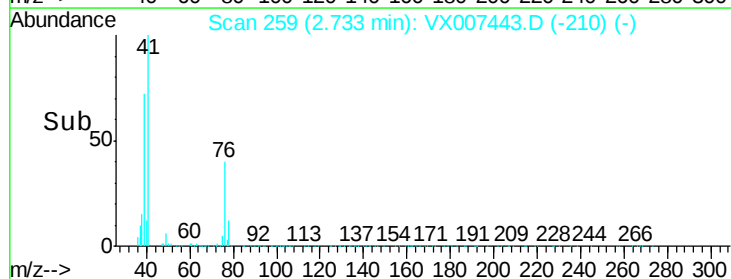
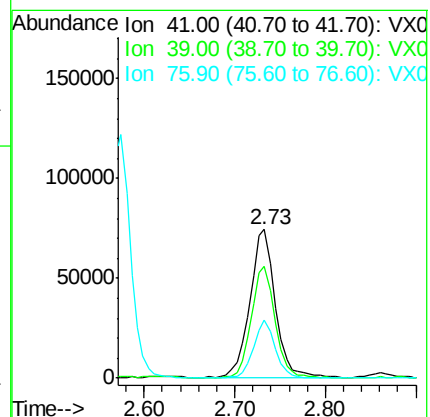
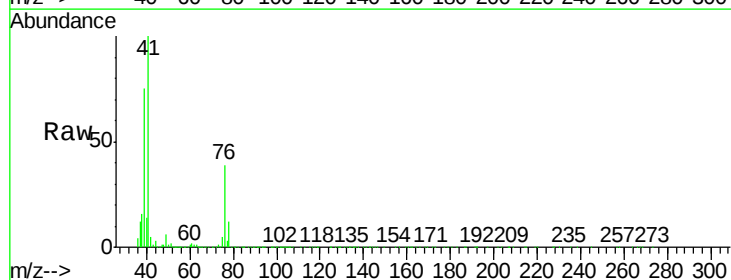
Tgt Ion: 41 Resp: 142960

Ion Ratio Lower Upper

41 100

39 70.1 54.1 81.1

76 33.8 27.8 41.8





#15

Acrylonitrile

Concen: 106.036 ug/l

RT: 3.15 min Scan# 328

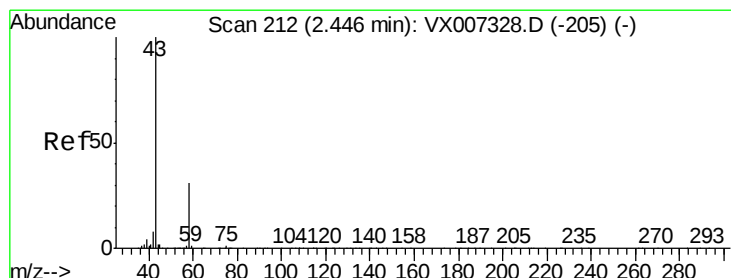
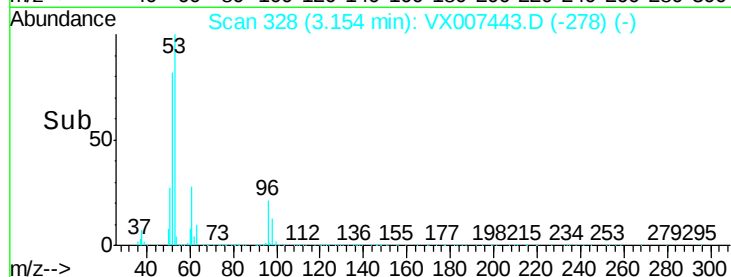
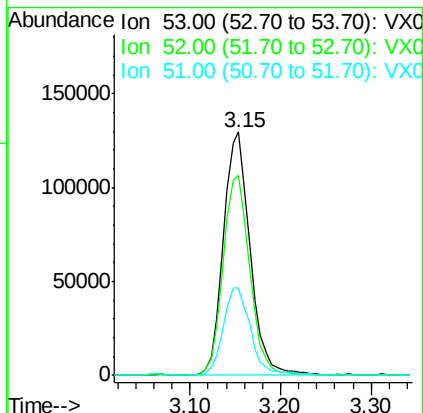
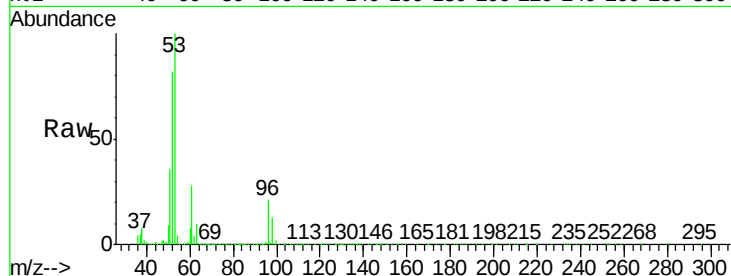
Delta R.T. 0.01 min

Lab File: VX007443.D

Acq: 08 Feb 2019 15:42

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	53	Resp:	263282
Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.4	99.6
51	36.7	28.4	42.6



#16

Acetone

Concen: 116.622 ug/l

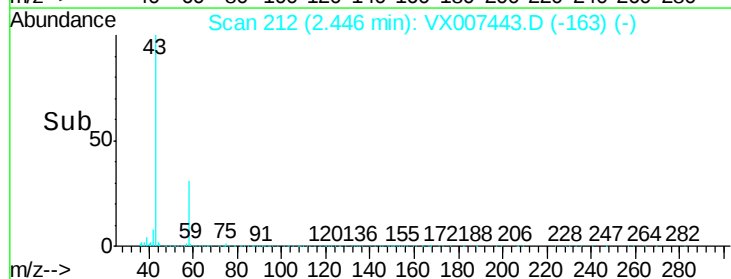
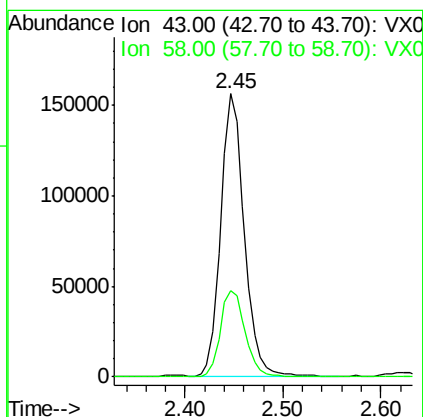
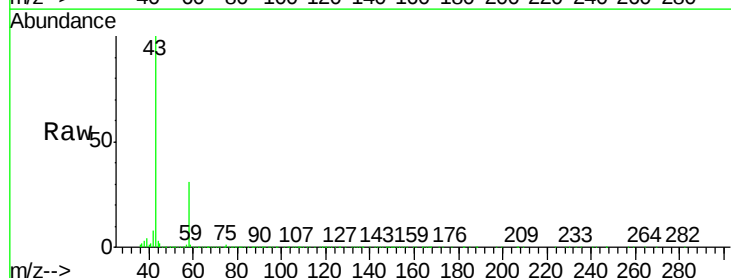
RT: 2.45 min Scan# 212

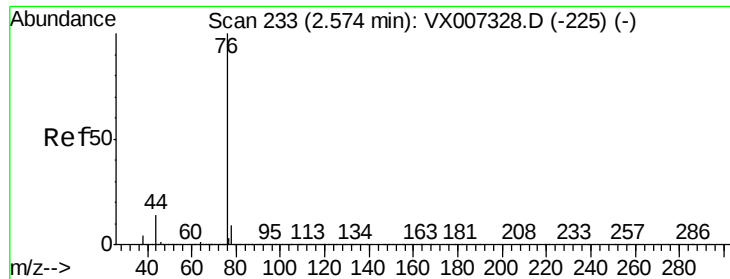
Delta R.T. 0.00 min

Lab File: VX007443.D

Acq: 08 Feb 2019 15:42

Tgt Ion:	43	Resp:	259093
Ion	Ratio	Lower	Upper
43	100		
58	30.5	24.9	37.3

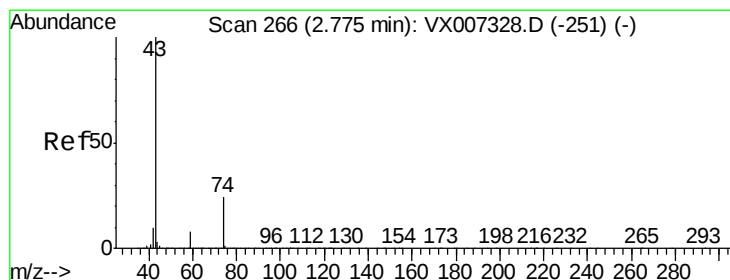
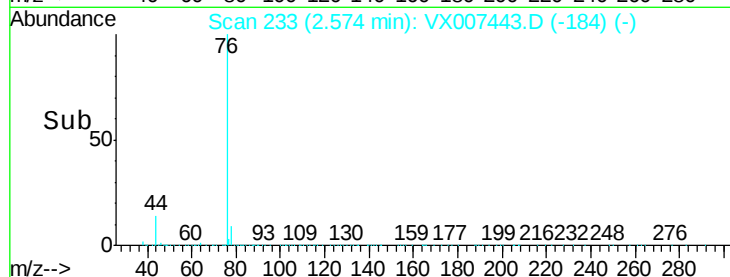
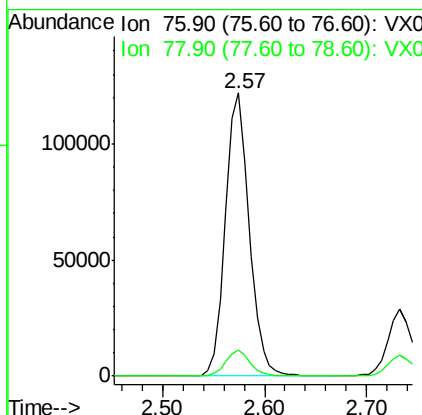
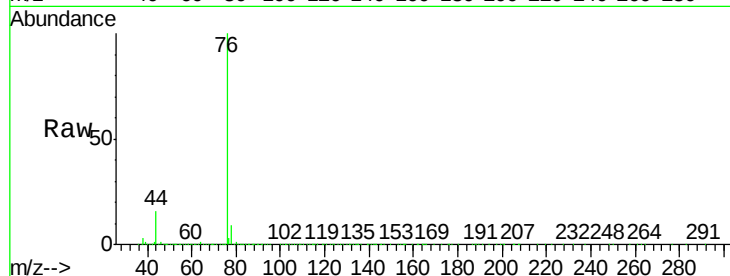




#17
Carbon Disulfide
Concen: 18.727 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.00 min
Lab File: VX007443.D
Acq: 08 Feb 2019 15:42

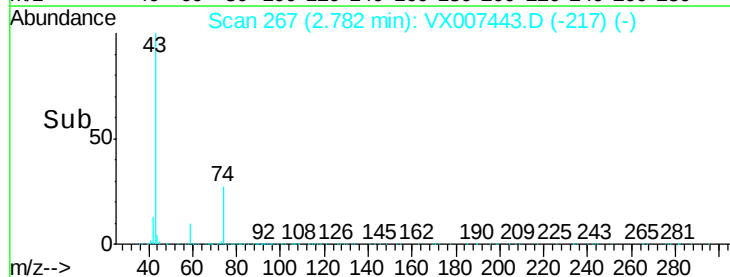
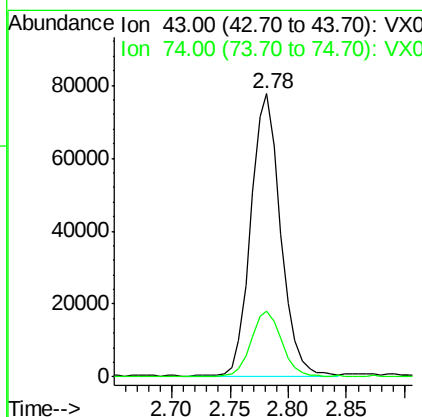
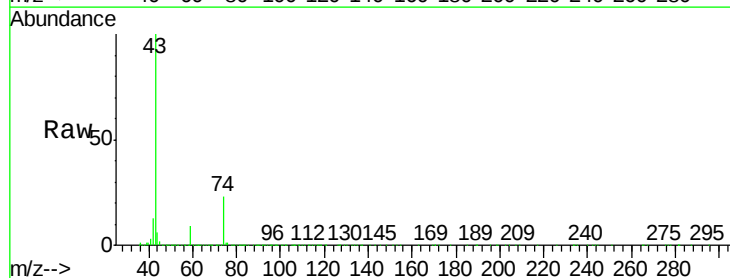
Instrument :
MSVOA_X
ClientSampleId :

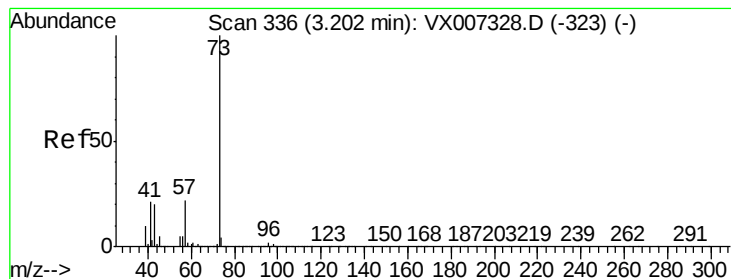
Tot Ion: 76 Resp: 197843
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 24.145 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX007443.D
Acq: 08 Feb 2019 15:42

Tgt Ion: 43 Resp: 137969
Ion Ratio Lower Upper
43 100
74 23.3 19.4 29.2



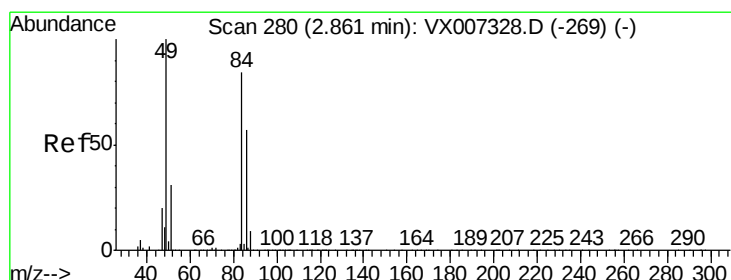
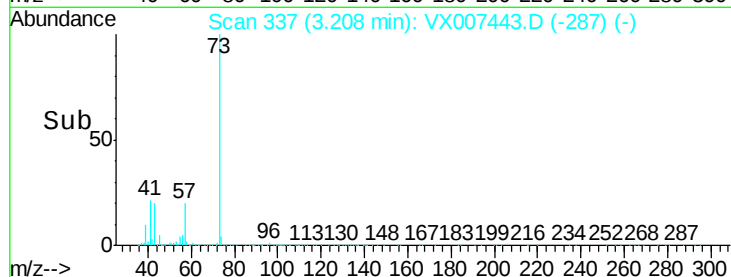
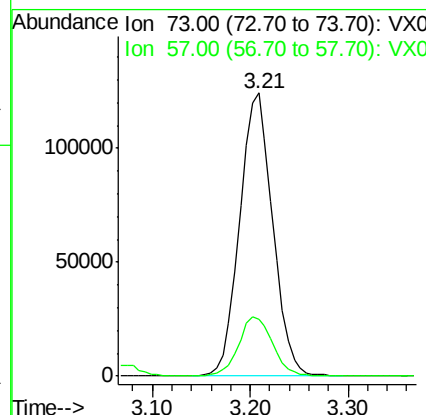
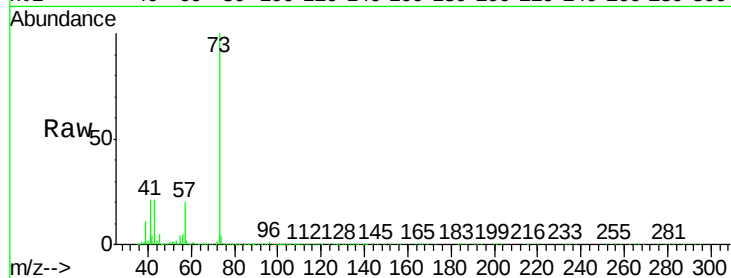


#19

Methyl tert-butyl Ether
 Concen: 20.523 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX007443.D
 Acq: 08 Feb 2019 15:42

Instrument :
 MSVOA_X
 ClientSampled :

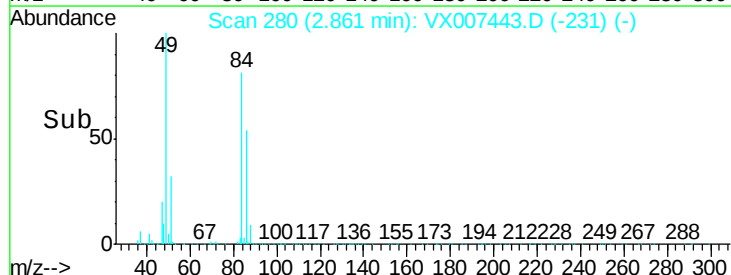
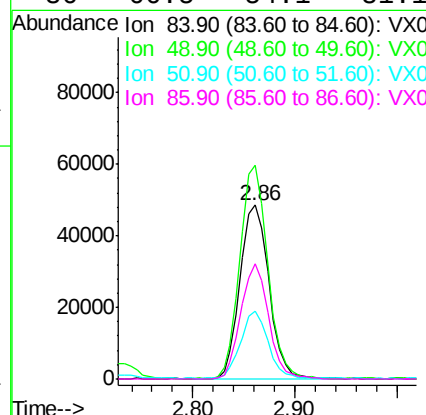
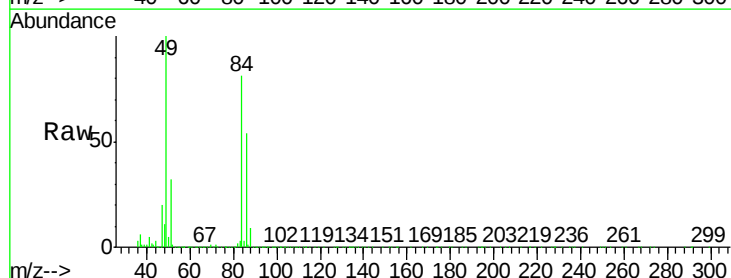
Tot Ion: 73 Resp: 290070
 Ion Ratio Lower Upper
 73 100
 57 20.0 17.8 26.8

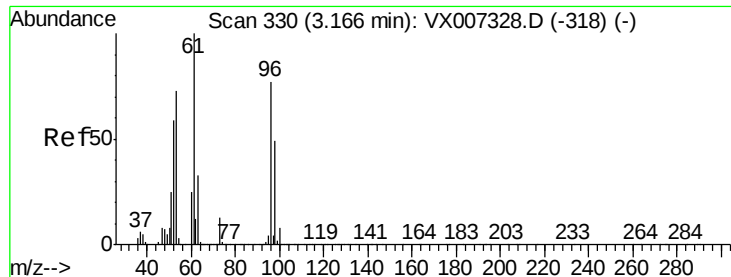


#20

Methylene Chloride
 Concen: 20.988 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX007443.D
 Acq: 08 Feb 2019 15:42

Tgt Ion: 84 Resp: 96277
 Ion Ratio Lower Upper
 84 100
 49 122.9 94.8 142.2
 51 38.3 29.8 44.8
 86 66.5 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 19.490 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007443.D

Acq: 08 Feb 2019 15:42

Instrument :
MSVOA_X
ClientSampled :

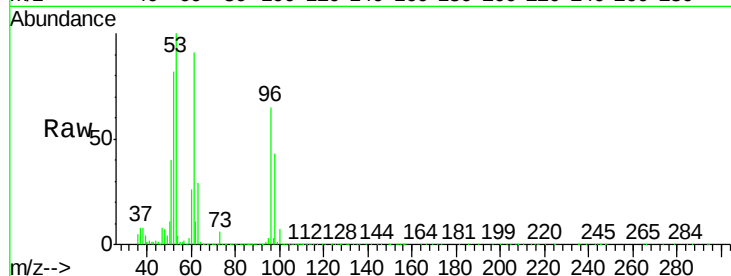
Tot Ion: 96 Resp: 90579

Ion Ratio Lower Upper

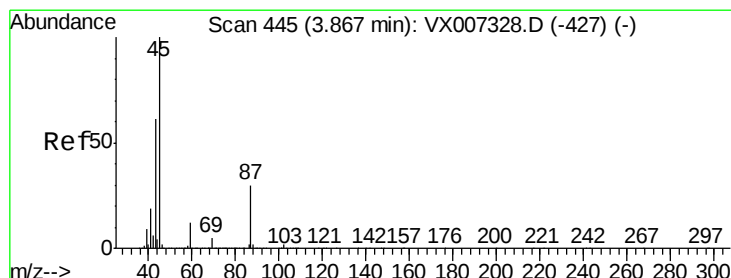
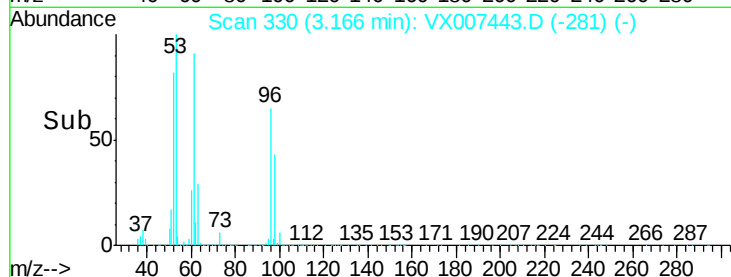
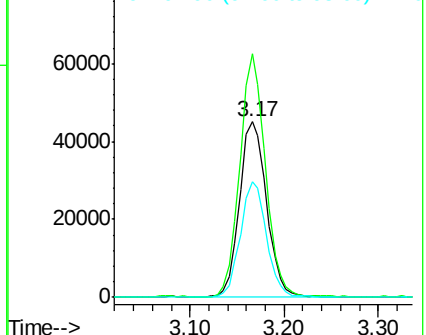
96 100

61 138.4 104.6 156.8

98 65.8 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.251 ug/l

RT: 3.87 min Scan# 445

Delta R.T. 0.00 min

Lab File: VX007443.D

Acq: 08 Feb 2019 15:42

Tgt Ion: 45 Resp: 264803

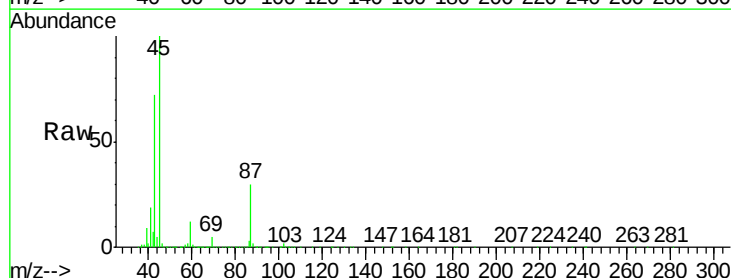
Ion Ratio Lower Upper

45 100

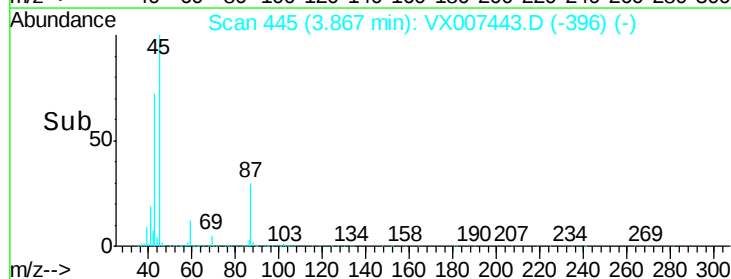
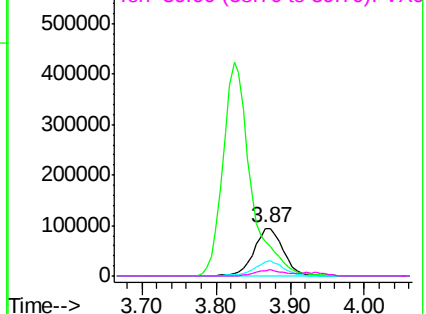
43 71.7 48.9 73.3

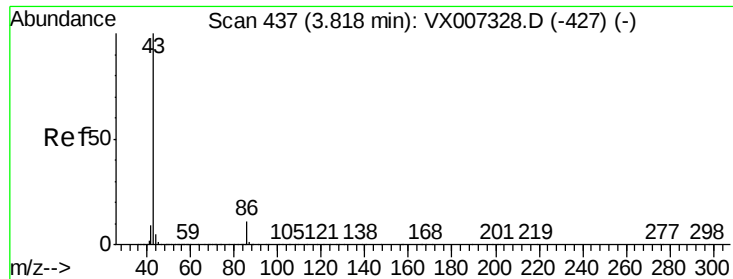
87 29.5 23.9 35.9

59 11.6 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 101.815 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007443.D

Acq: 08 Feb 2019 15:42

Instrument :

MSVOA_X

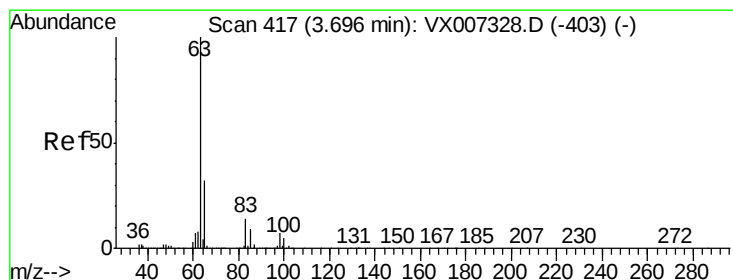
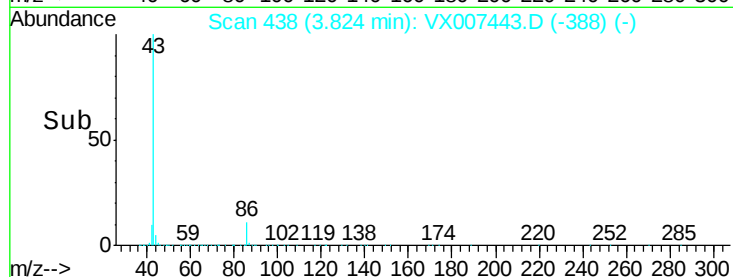
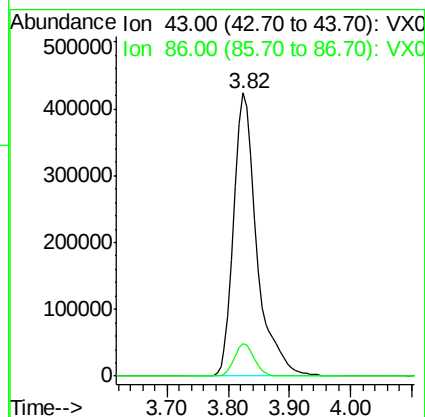
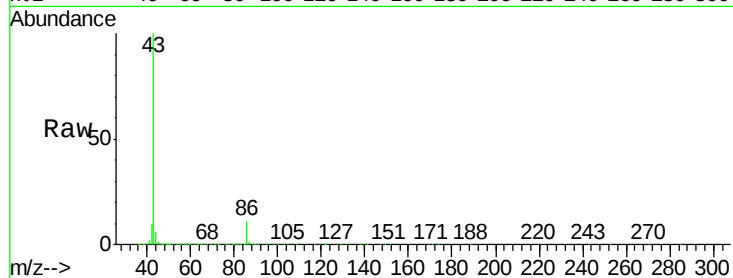
ClientSampleId :

Tot Ion: 43 Resp: 1104753

Ion Ratio Lower Upper

43 100

86 11.5 8.7 13.1



#24

1,1-Dichloroethane

Concen: 20.111 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007443.D

Acq: 08 Feb 2019 15:42

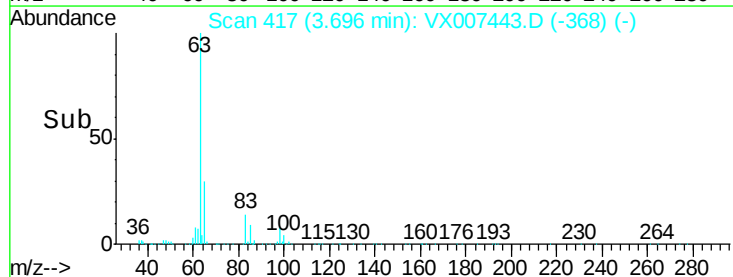
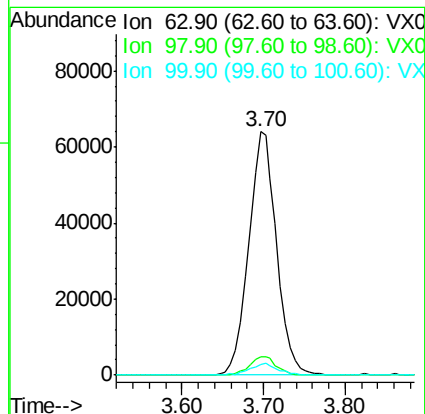
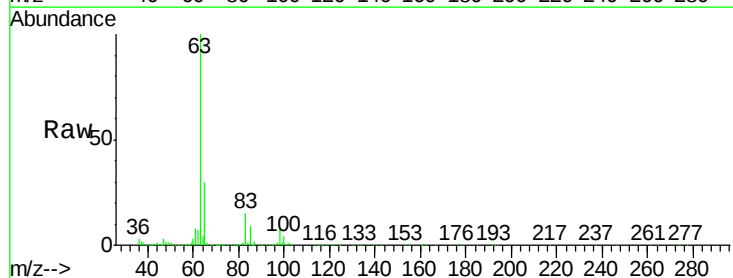
Tgt Ion: 63 Resp: 151014

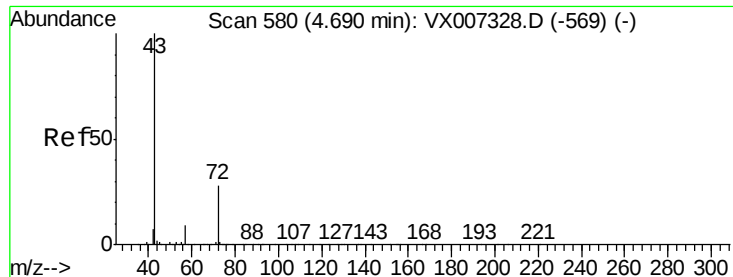
Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.8

100 4.3 2.5 7.4





#25

2-Butanone

Concen: 105.151 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX007443.D

Acq: 08 Feb 2019 15:42

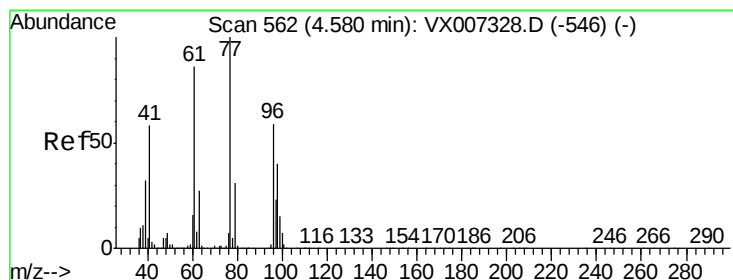
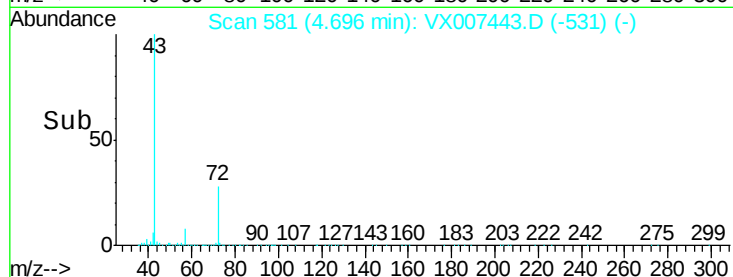
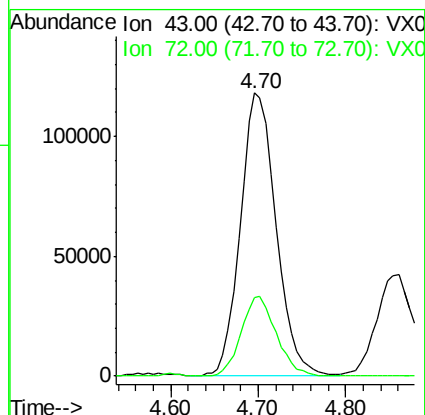
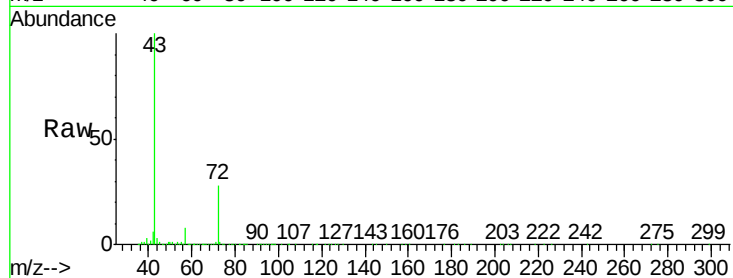
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 332452

Ion Ratio Lower Upper

43 100

72 27.5 22.2 33.2



#26

2,2-Dichloropropane

Concen: 18.719 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX007443.D

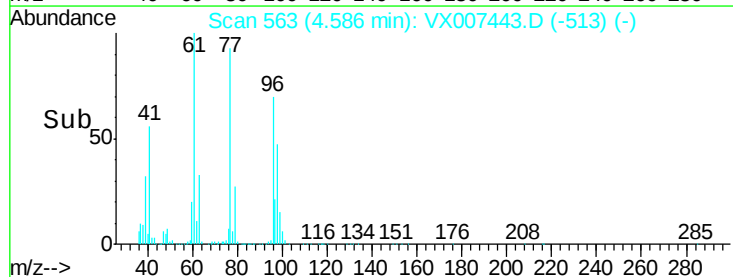
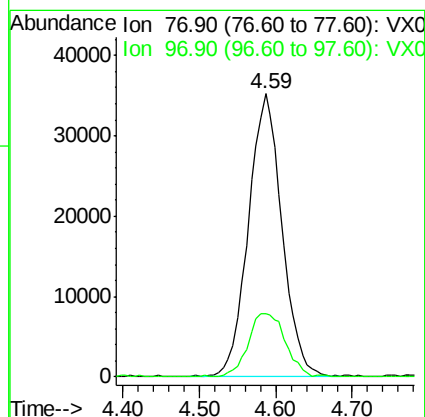
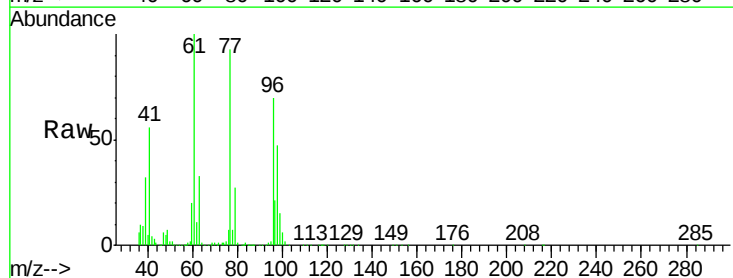
Acq: 08 Feb 2019 15:42

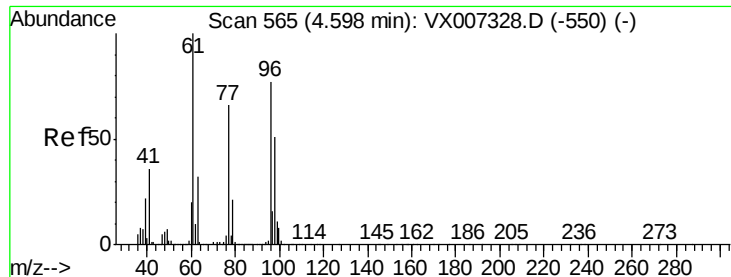
Tgt Ion: 77 Resp: 107048

Ion Ratio Lower Upper

77 100

97 24.6 12.1 36.3



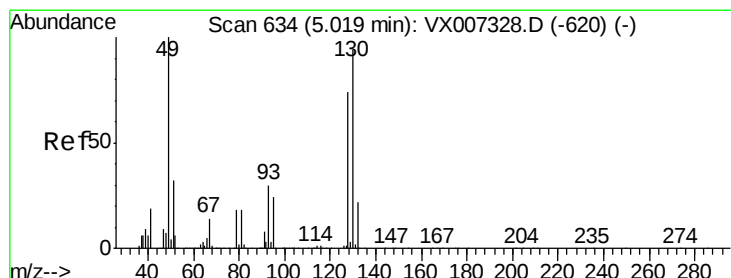
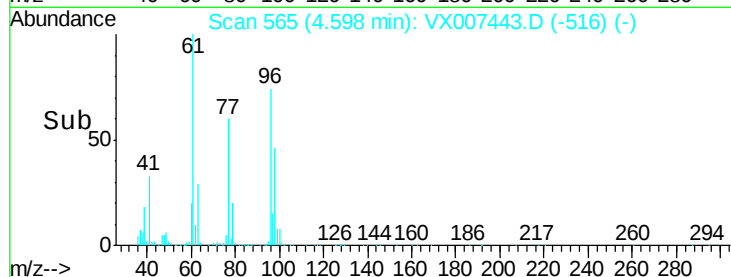
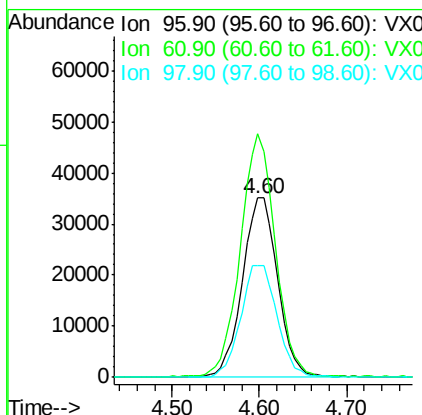
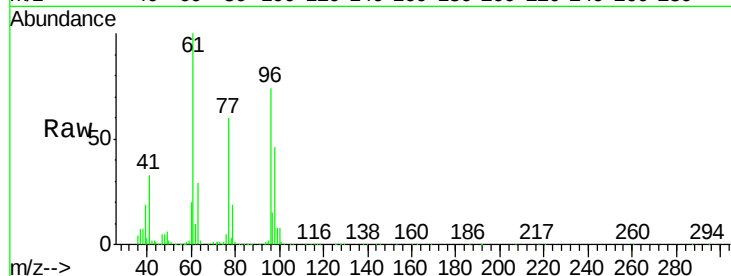


#27

cis-1,2-Dichloroethene
Concen: 19.392 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007443.D
Acq: 08 Feb 2019 15:42

Instrument :
MSVOA_X
ClientSampled :

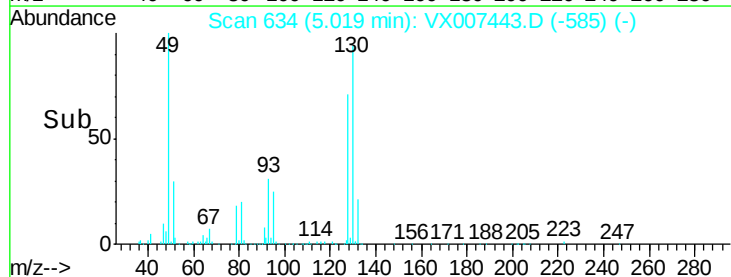
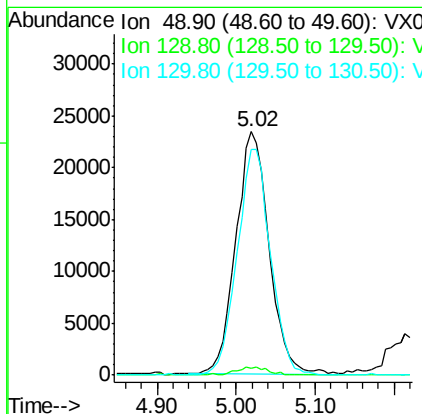
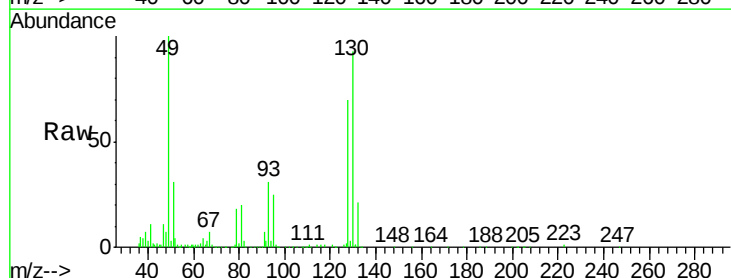
Tot Ion	Ratio	Lower	Upper
96	100		
61	134.5	0.0	265.6
98	64.9	0.0	131.6

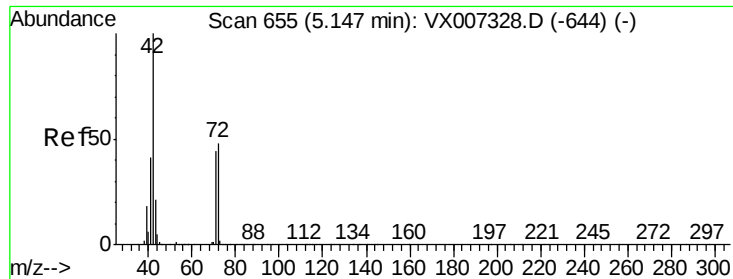


#28

Bromochloromethane
Concen: 19.838 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007443.D
Acq: 08 Feb 2019 15:42

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.2	0.0	5.6
130	93.3	75.6	113.4

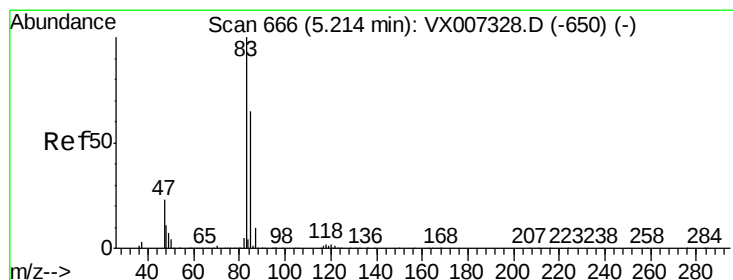
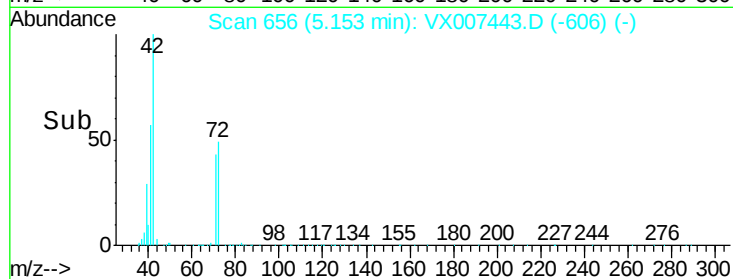
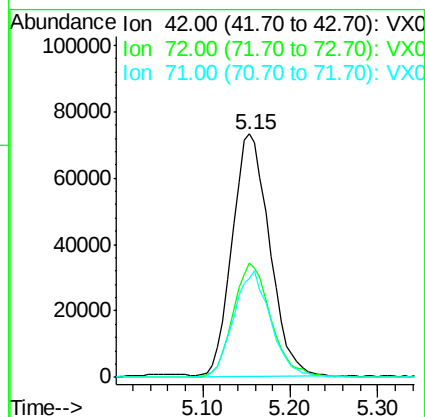
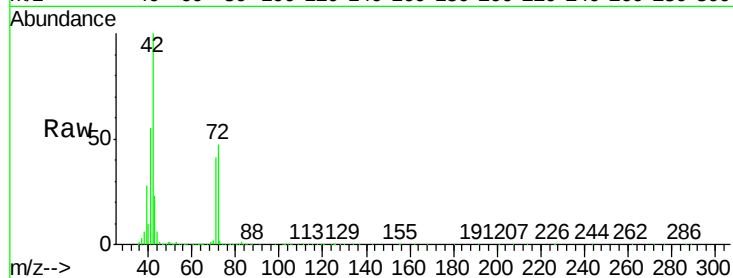




#29
Tetrahydrofuran
Concen: 109.251 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX007443.D
Acq: 08 Feb 2019 15:42

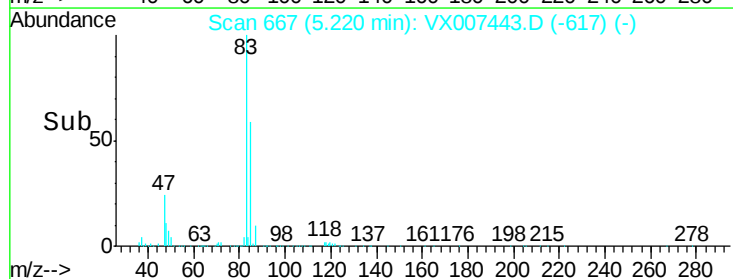
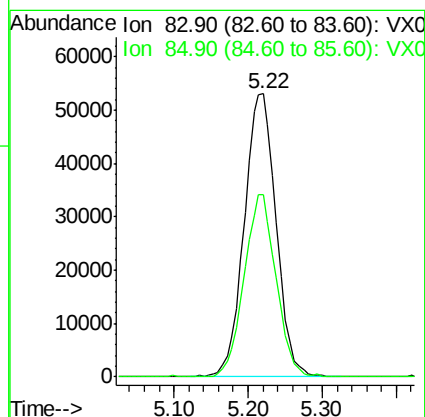
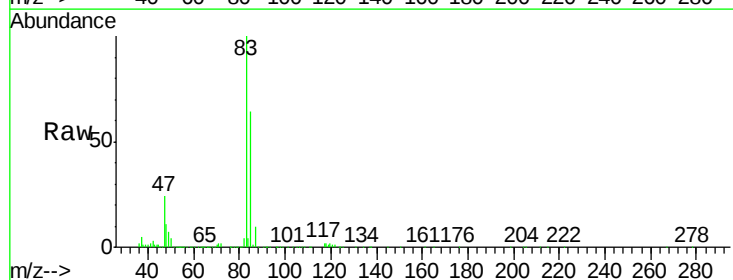
Instrument :
MSVOA_X
ClientSampleId :

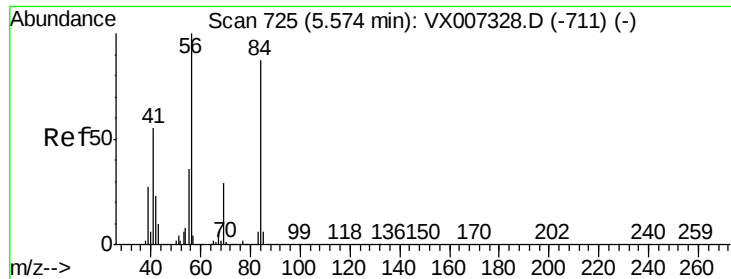
Tot Ion: 42 Resp: 217242
Ion Ratio Lower Upper
42 100
72 47.9 37.6 56.4
71 43.5 34.6 51.8



#30
Chloroform
Concen: 20.323 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX007443.D
Acq: 08 Feb 2019 15:42

Tgt Ion: 83 Resp: 159243
Ion Ratio Lower Upper
83 100
85 64.3 51.6 77.4

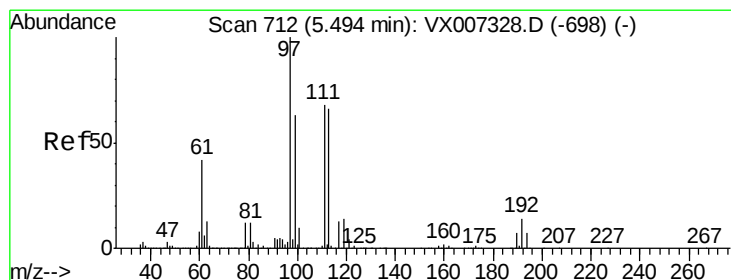
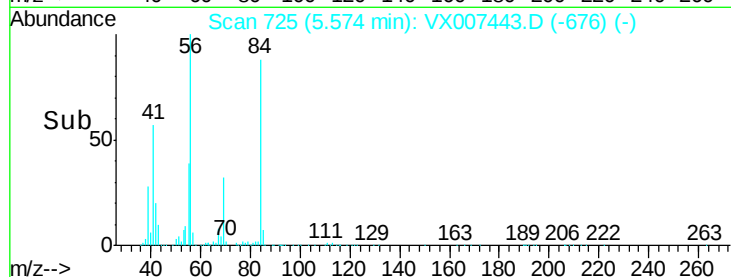
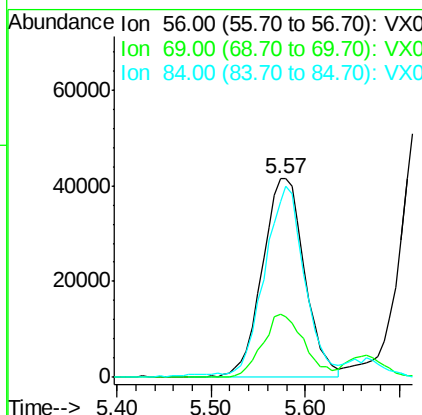
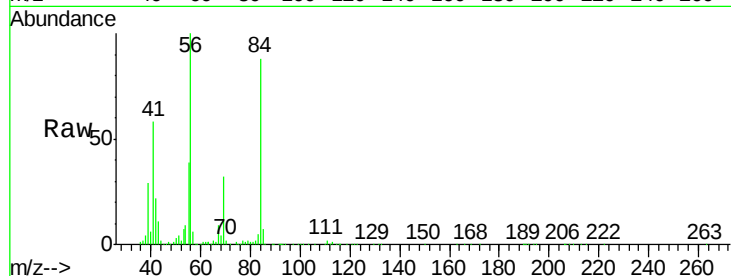




#31
Cyclohexane
Concen: 19.139 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX007443.D
Acq: 08 Feb 2019 15:42

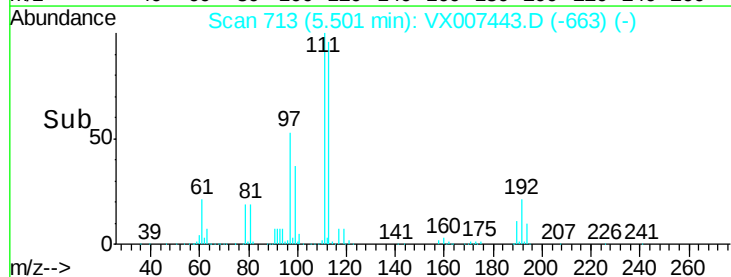
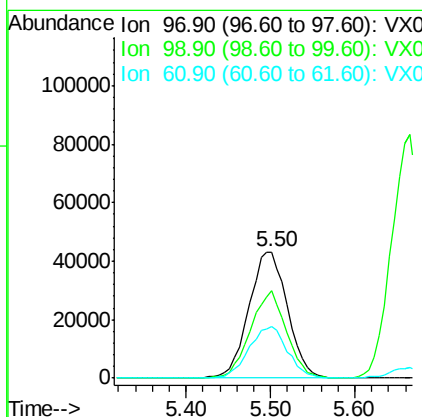
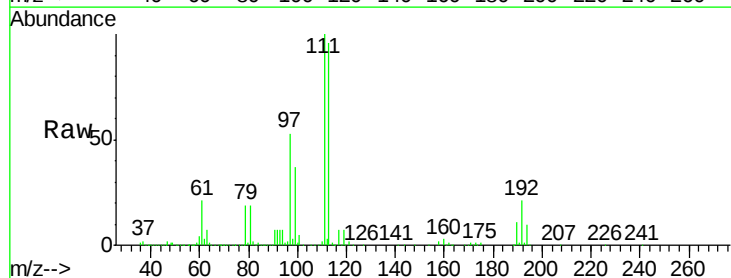
Instrument :
MSVOA_X
ClientSampleId :

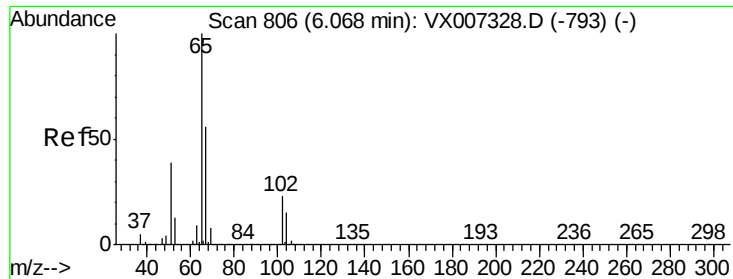
Tot Ion: 56 Resp: 129075
Ion Ratio Lower Upper
56 100
69 31.5 23.0 34.6
84 87.0 69.8 104.6



#32
1,1,1-Trichloroethane
Concen: 20.340 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX007443.D
Acq: 08 Feb 2019 15:42

Tgt Ion: 97 Resp: 134530
Ion Ratio Lower Upper
97 100
99 64.7 52.2 78.2
61 40.5 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 51.489 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007443.D

Acq: 08 Feb 2019 15:42

Instrument :

MSVOA_X

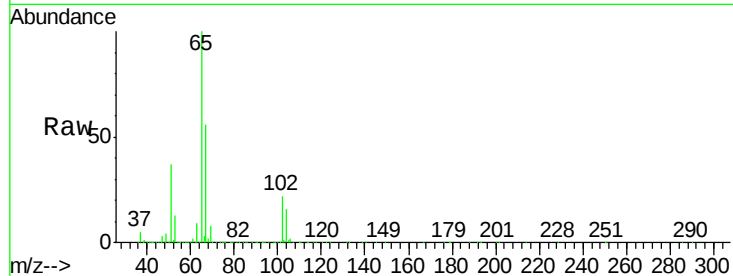
ClientSampled :

Tot Ion: 65 Resp: 249718

Ion Ratio Lower Upper

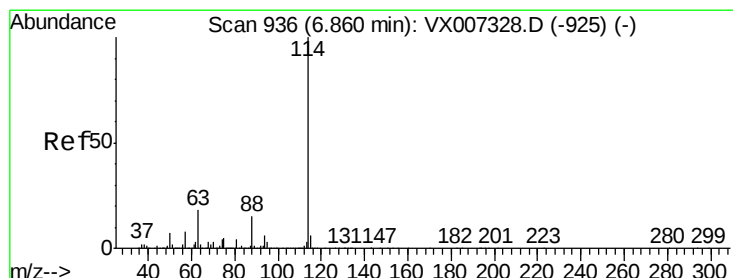
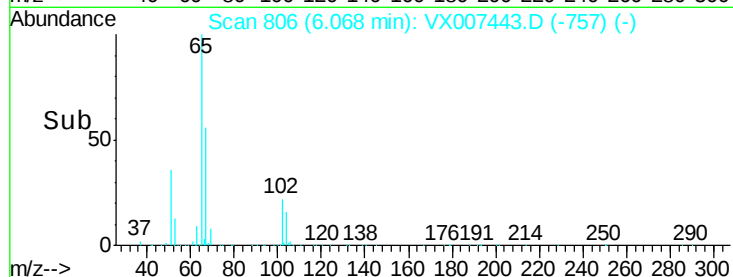
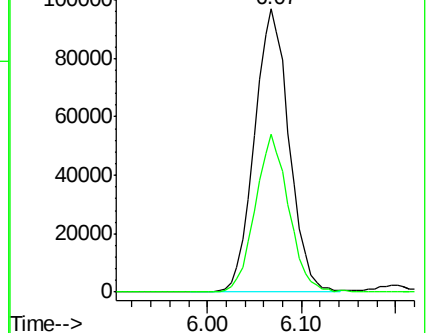
65 100

67 54.1 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007443.D

Acq: 08 Feb 2019 15:42

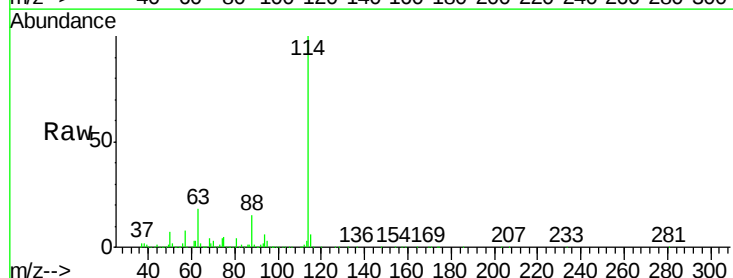
Tgt Ion: 114 Resp: 689750

Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.6

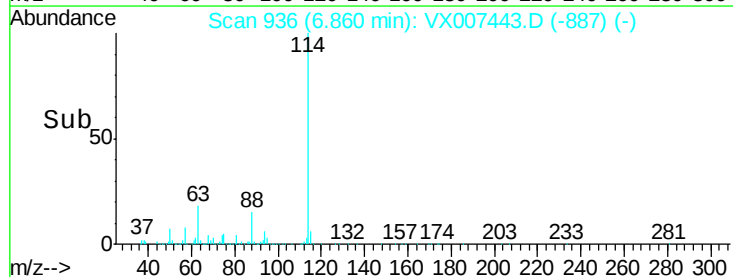
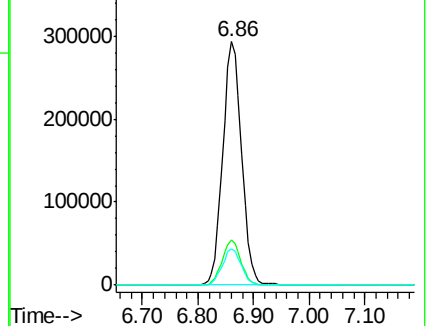
88 14.7 0.0 29.6

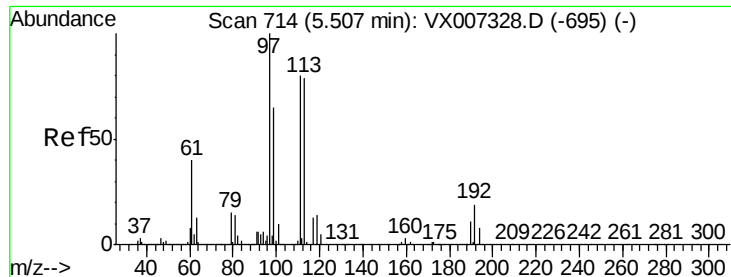


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.610 ug/l

RT: 5.51 min Scan# 714

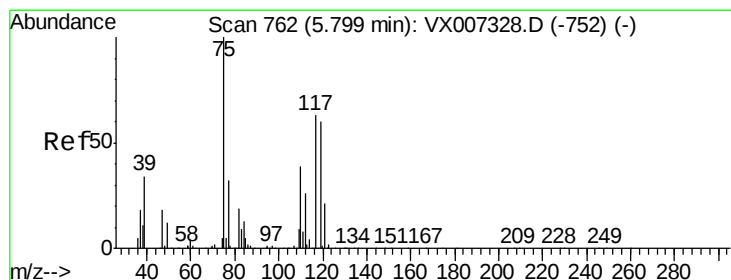
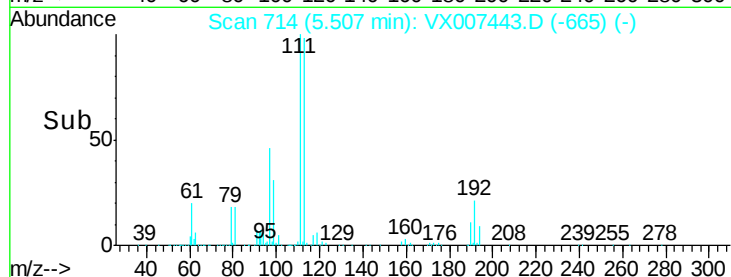
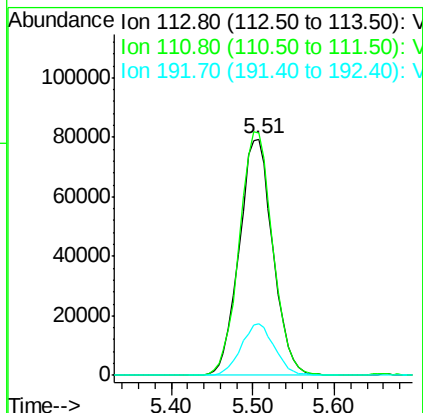
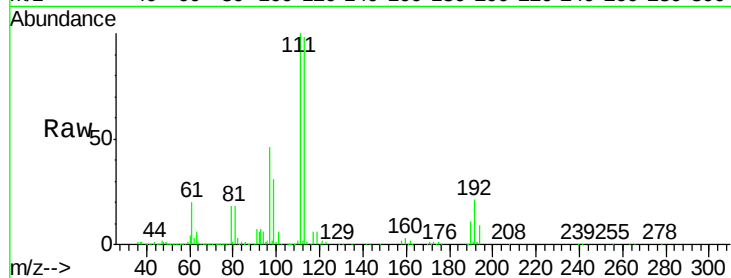
Delta R.T. 0.00 min

Lab File: VX007443.D

Acq: 08 Feb 2019 15:42

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:113	Resp:	227134
Ion	Ratio	Lower Upper
113	100	
111	102.6	81.8 122.8
192	21.8	18.5 27.7



#36

1,1-Dichloropropene

Concen: 17.948 ug/l

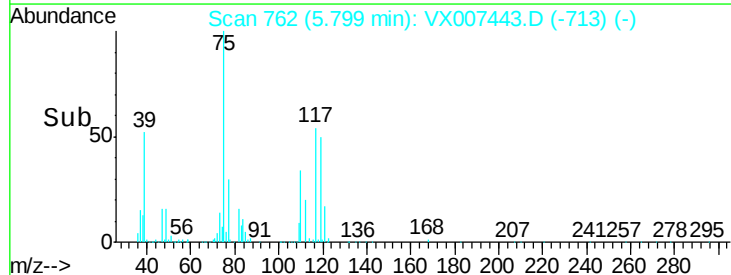
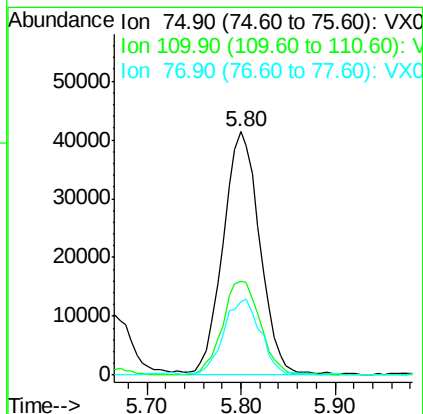
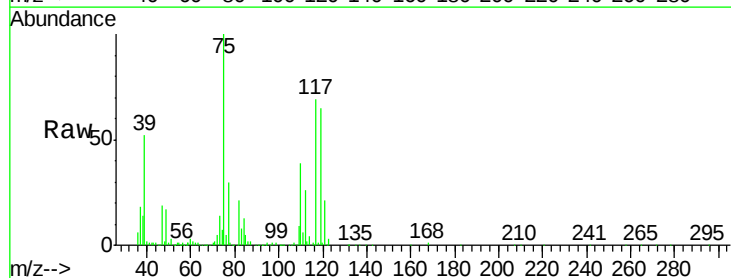
RT: 5.80 min Scan# 762

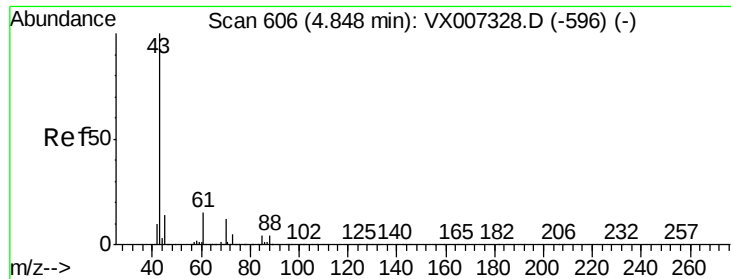
Delta R.T. 0.00 min

Lab File: VX007443.D

Acq: 08 Feb 2019 15:42

Tgt Ion: 75	Resp:	111072
Ion	Ratio	Lower Upper
75	100	
110	40.6	20.0 59.9
77	31.5	24.7 37.1

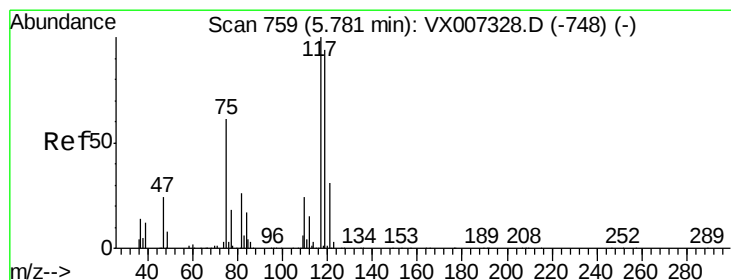
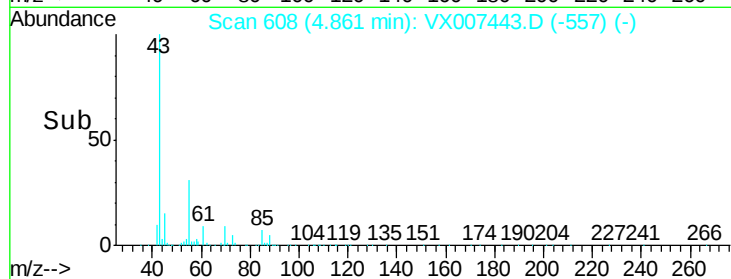
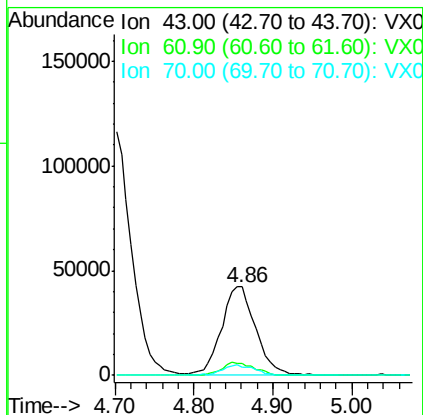
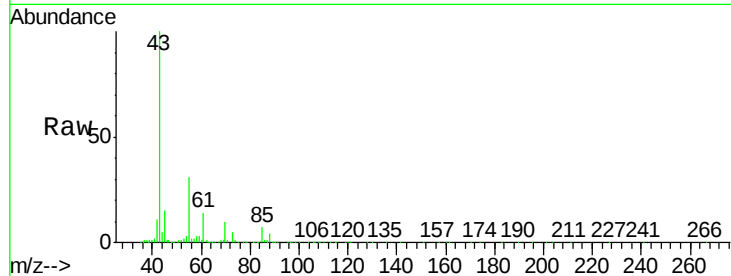




#37
Ethyl Acetate
Concen: 20.061 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX007443.D
Acq: 08 Feb 2019 15:42

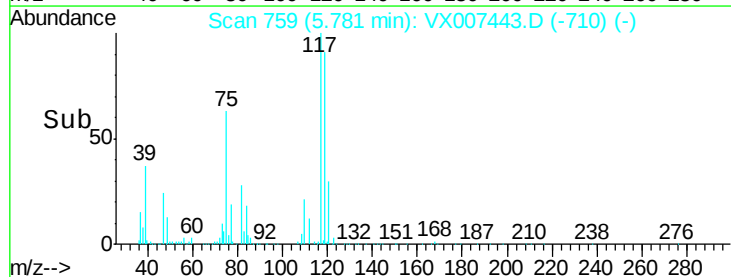
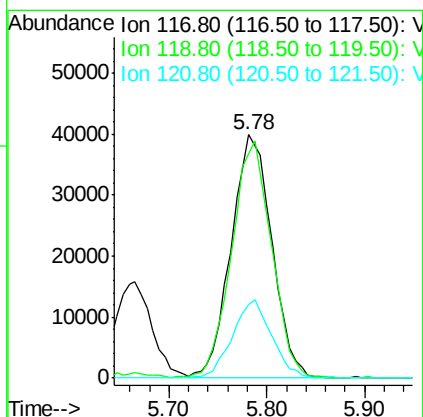
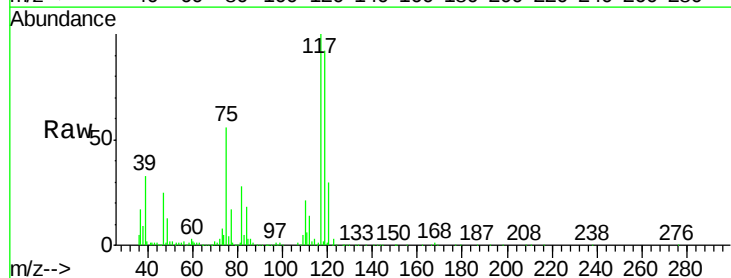
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 125502
Ion Ratio Lower Upper
43 100
61 14.5 11.3 16.9
70 11.3 8.6 13.0



#38
Carbon Tetrachloride
Concen: 19.179 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007443.D
Acq: 08 Feb 2019 15:42

Tgt Ion: 117 Resp: 115151
Ion Ratio Lower Upper
117 100
119 92.1 75.3 112.9
121 30.0 25.0 37.4

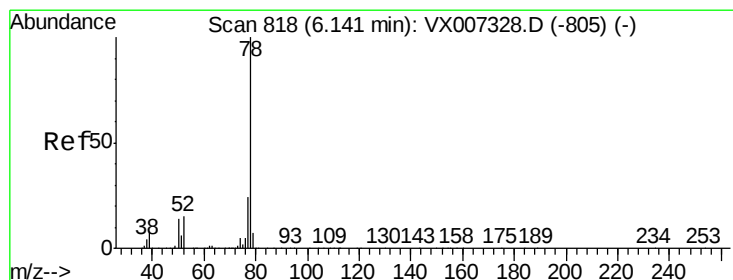
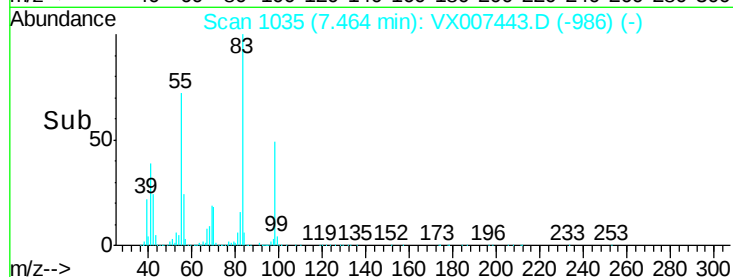
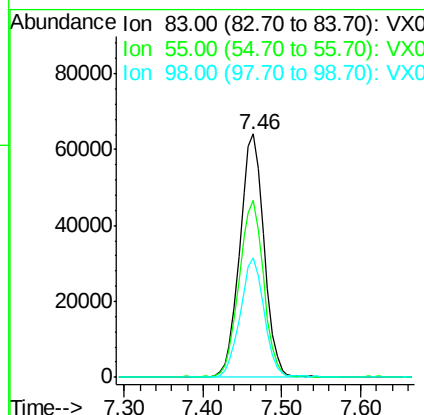
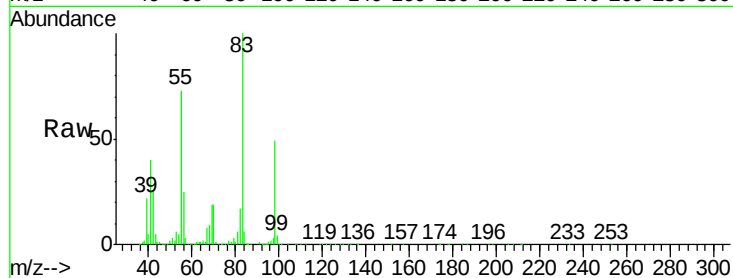




#39
Methvlcvclohexane
Concen: 18.407 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007443.D
Acq: 08 Feb 2019 15:42

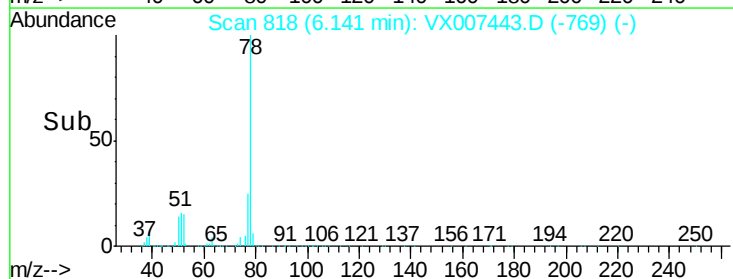
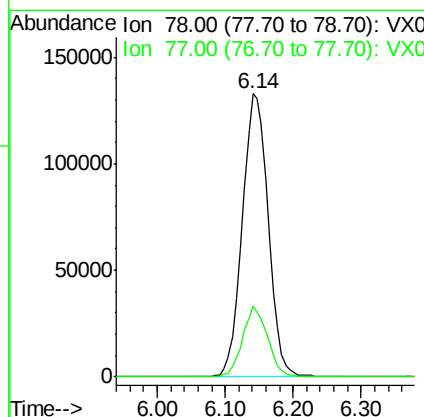
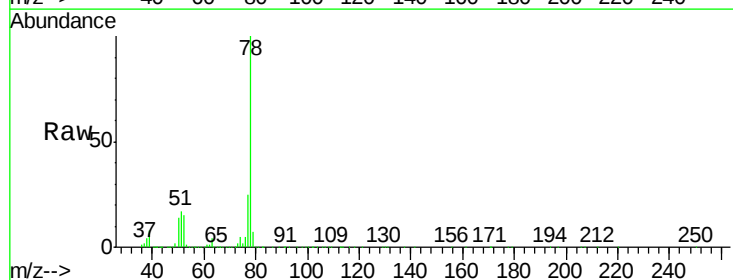
Instrument :
MSVOA_X
ClientSampleId :

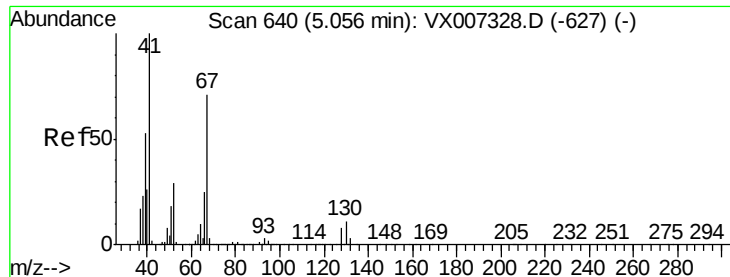
Tot Ion	83	Resp	137827
Ion Ratio	Lower	Upper	
83	100		
55	72.3	56.2	84.2
98	48.9	36.8	55.2



#40
Benzene
Concen: 19.285 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007443.D
Acq: 08 Feb 2019 15:42

Tgt Ion	78	Resp	351572
Ion Ratio	Lower	Upper	
78	100		
77	25.2	19.3	28.9





#41

Methacrylonitrile

Concen: 20.916 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX007443.D

Acq: 08 Feb 2019 15:42

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 70129

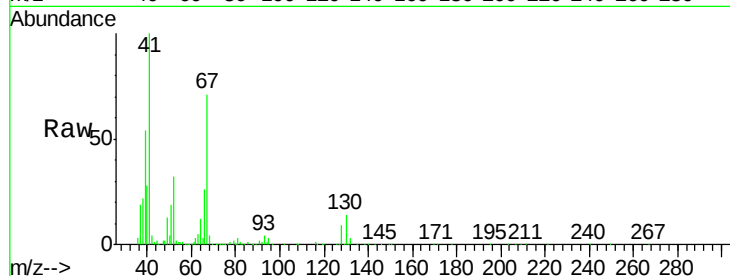
Ion Ratio Lower Upper

41 100

39 54.2 44.5 66.7

67 75.4 60.4 90.6

52 29.8 24.1 36.1

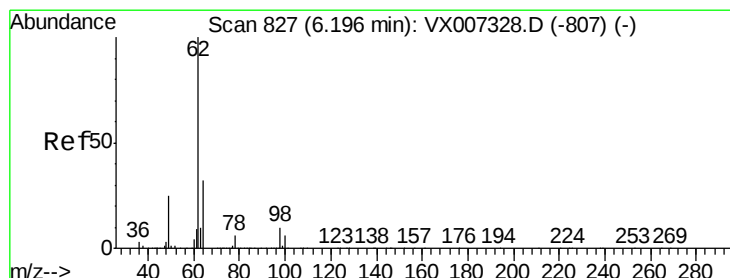
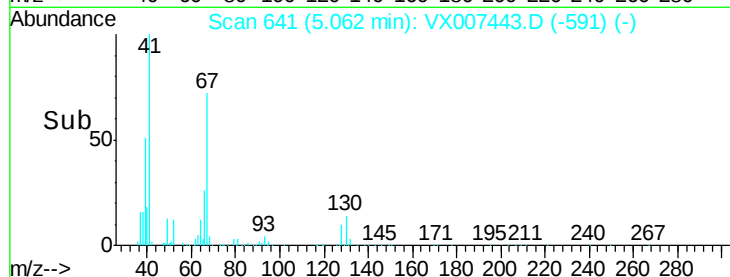
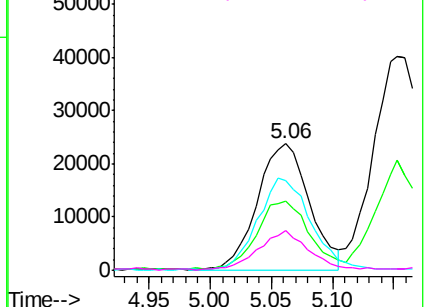


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.739 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX007443.D

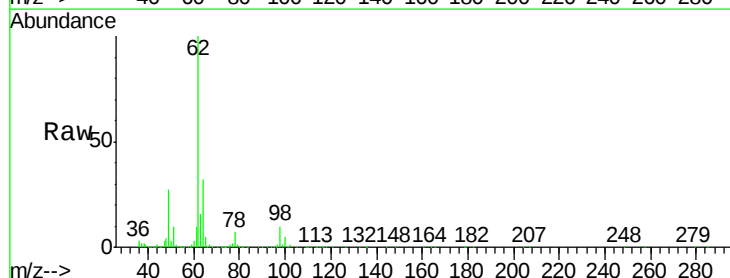
Acq: 08 Feb 2019 15:42

Tgt Ion: 62 Resp: 124501

Ion Ratio Lower Upper

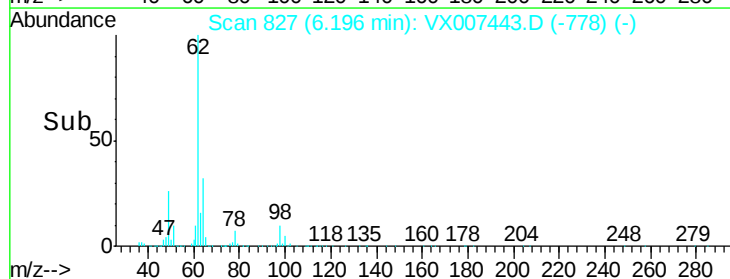
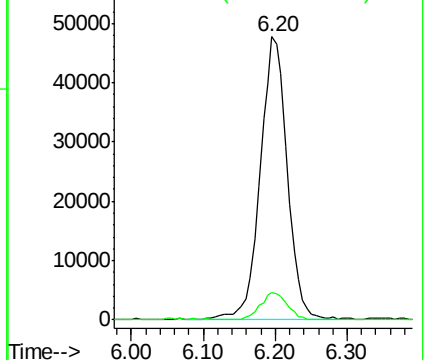
62 100

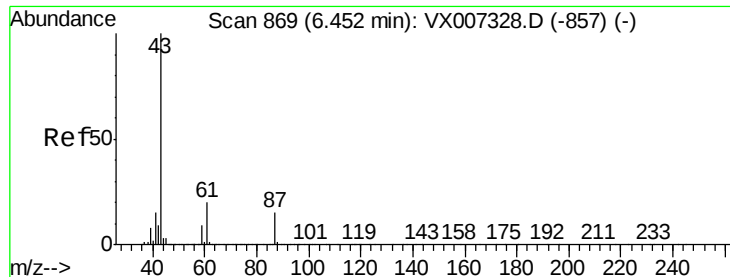
98 10.0 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



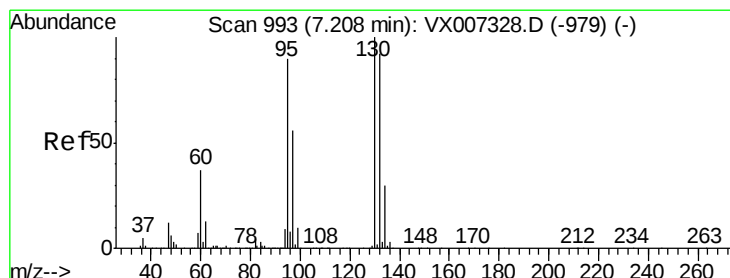
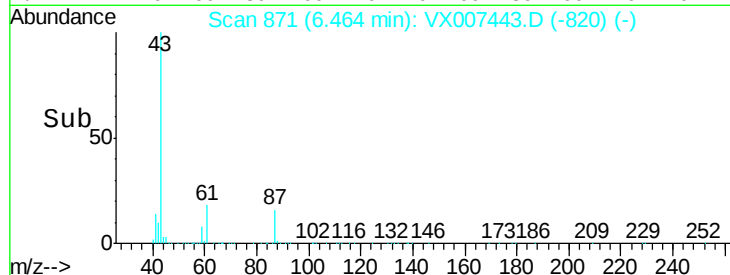
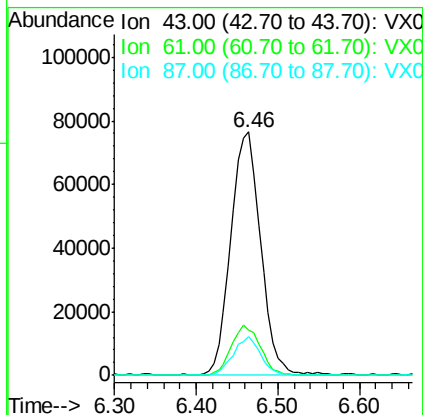
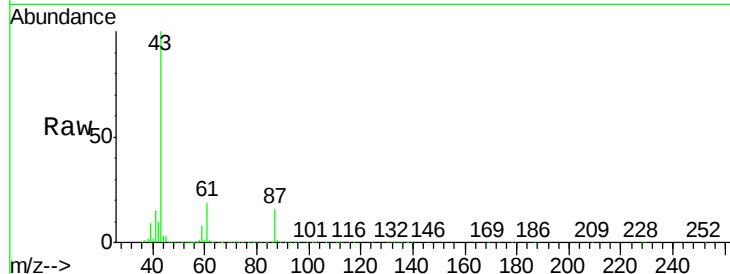


#43

Isopropyl Acetate
 Concen: 19.886 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX007443.D
 Acq: 08 Feb 2019 15:42

Instrument :
 MSVOA_X
 ClientSampled :

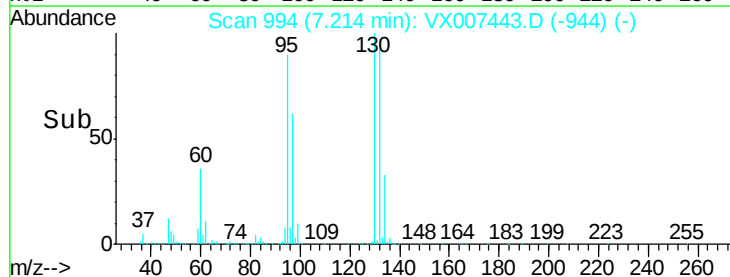
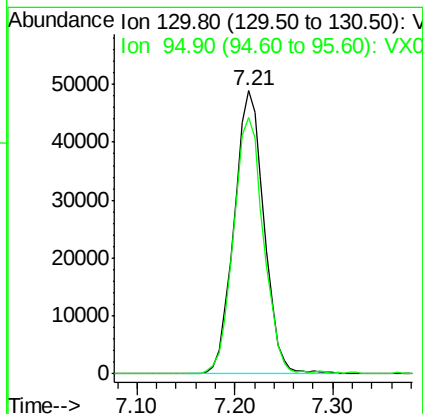
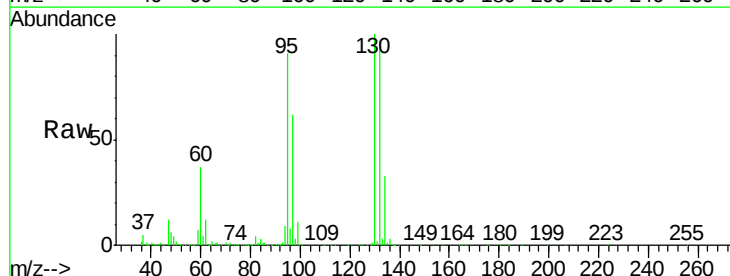
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.9	16.1	24.1
87	15.0	11.5	17.3

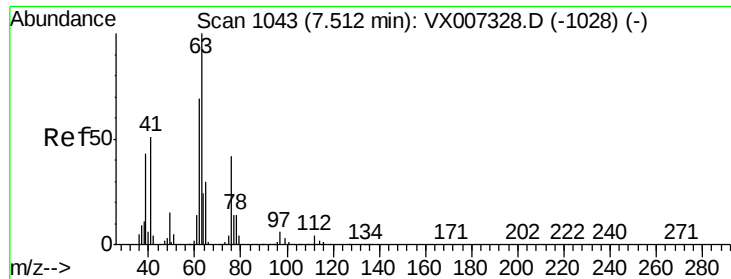


#44

Trichloroethene
 Concen: 18.893 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX007443.D
 Acq: 08 Feb 2019 15:42

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.6	0.0	180.0





#45

1,2-Dichloropropane

Concen: 19.618 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX007443.D

Acq: 08 Feb 2019 15:42

Instrument :

MSVOA_X

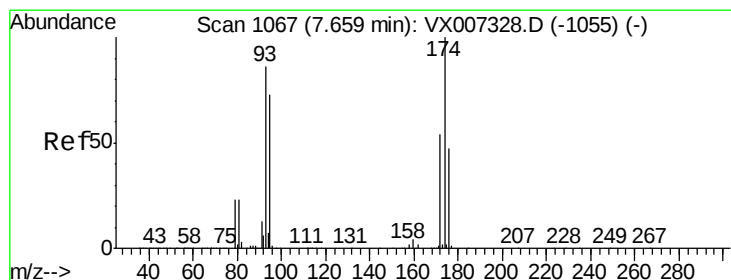
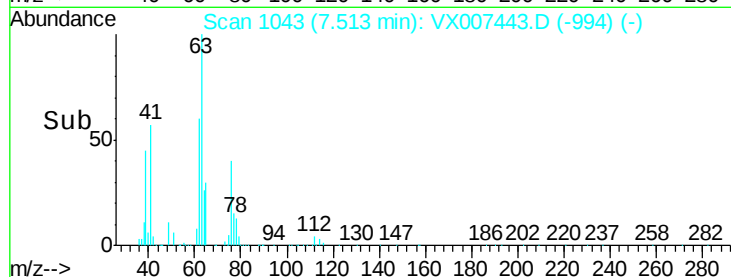
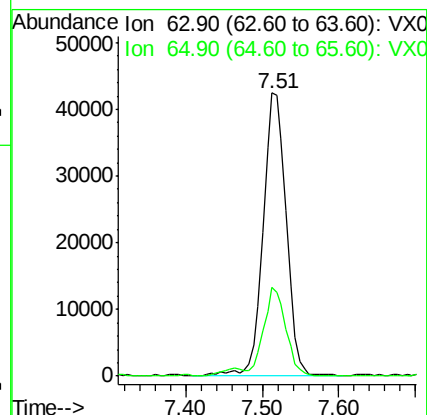
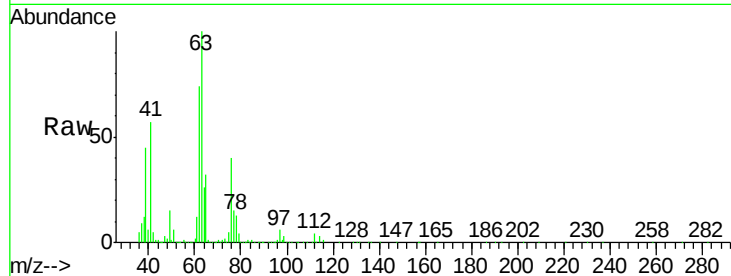
ClientSampleId :

Tot Ion: 63 Resp: 89606

Ion Ratio Lower Upper

63 100

65 31.3 24.2 36.2



#46

Dibromomethane

Concen: 19.663 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007443.D

Acq: 08 Feb 2019 15:42

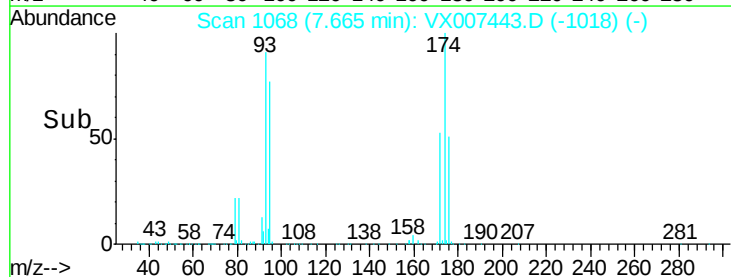
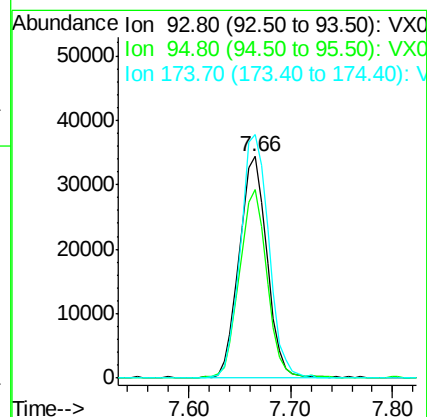
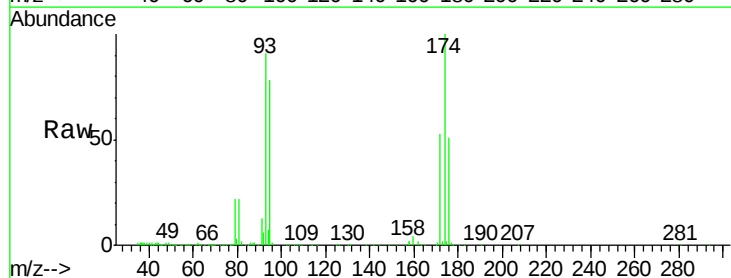
Tgt Ion: 93 Resp: 65276

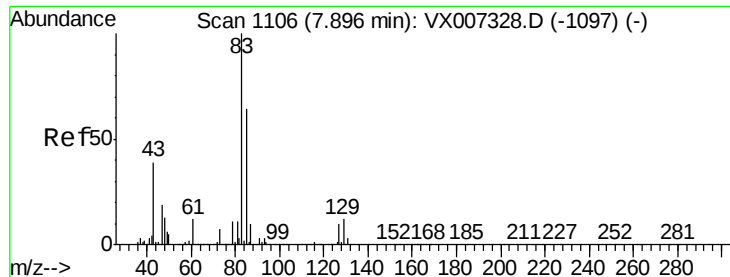
Ion Ratio Lower Upper

93 100

95 84.2 67.6 101.4

174 111.8 94.2 141.4





#47

Bromodichloromethane

Concen: 18.977 ug/l

RT: 7.90 min Scan# 1106

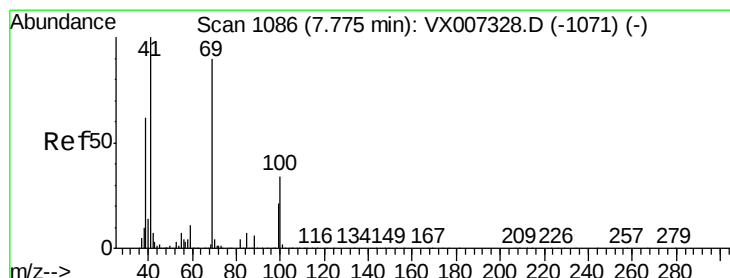
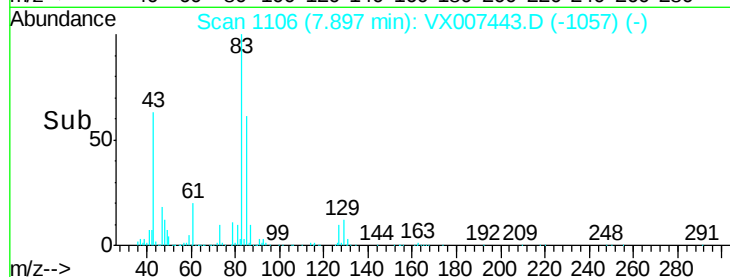
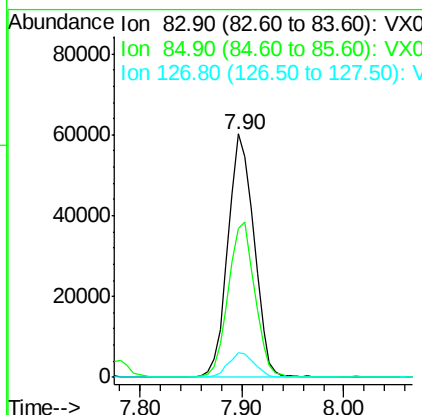
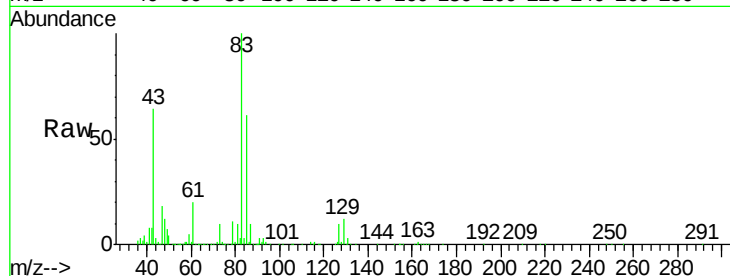
Delta R.T. 0.00 min

Lab File: VX007443.D

Acq: 08 Feb 2019 15:42

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	83	Resp:	106769
Ion	Ratio	Lower	Upper
83	100		
85	61.1	51.4	77.0
127	10.1	8.1	12.1



#48

Methyl methacrylate

Concen: 20.258 ug/l

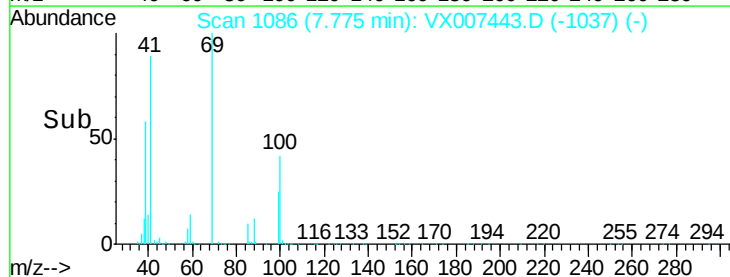
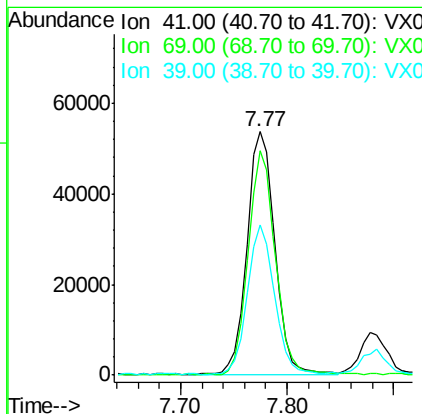
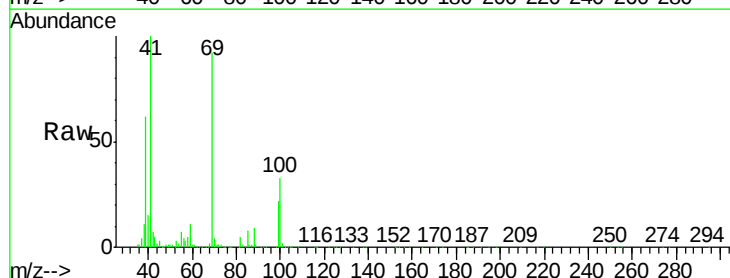
RT: 7.77 min Scan# 1086

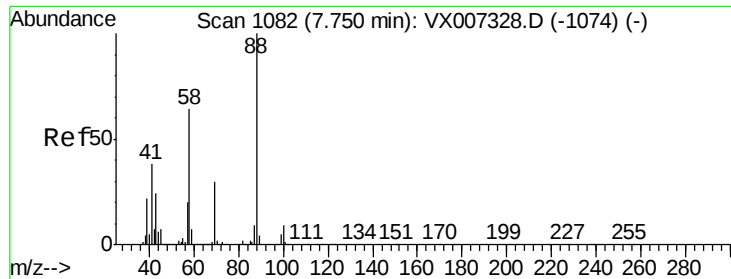
Delta R.T. 0.00 min

Lab File: VX007443.D

Acq: 08 Feb 2019 15:42

Tgt Ion:	41	Resp:	97848
Ion	Ratio	Lower	Upper
41	100		
69	90.2	70.2	105.4
39	60.2	47.4	71.0

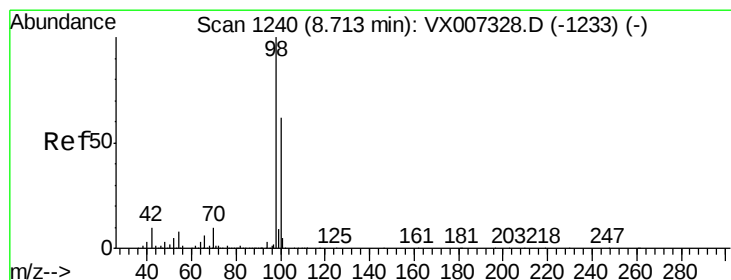
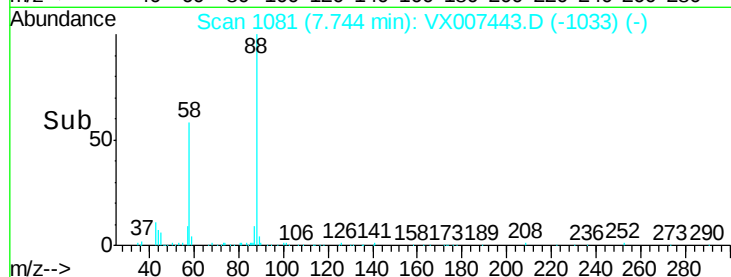
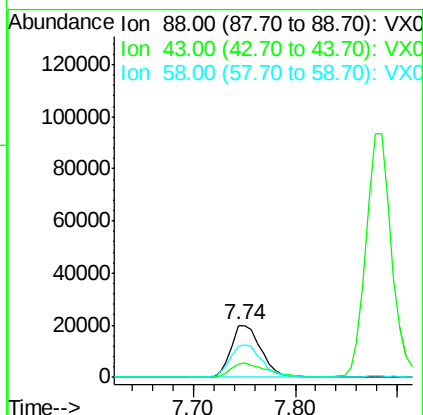
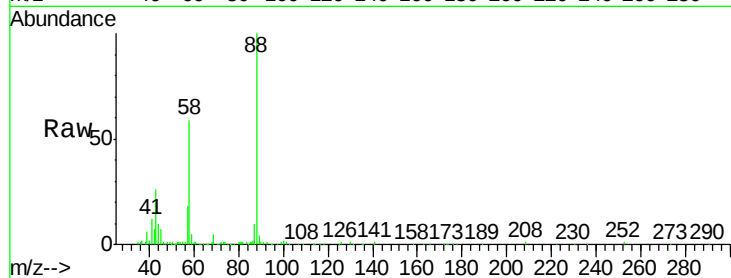




#49
1,4-Dioxane
Concen: 378.329 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. -0.01 min
Lab File: VX007443.D
Acq: 08 Feb 2019 15:42

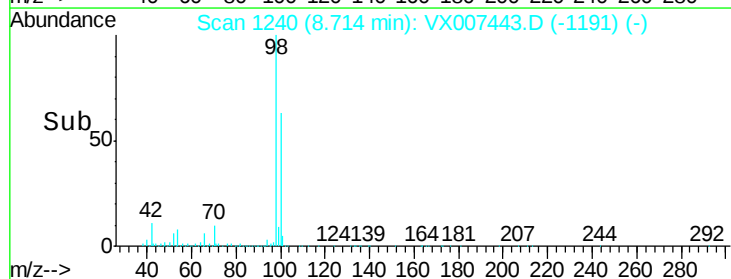
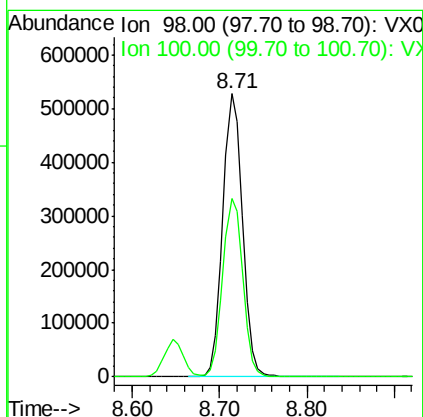
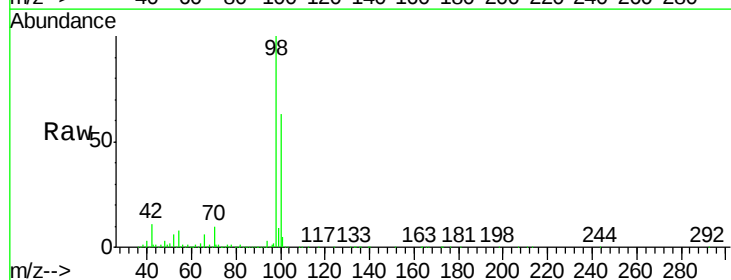
Instrument :
MSVOA_X
ClientSampleId :

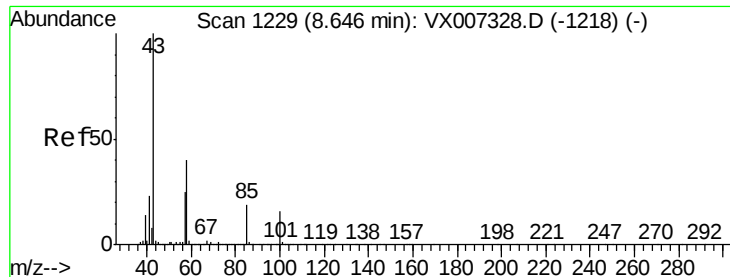
Tot Ion: 88 Resp: 41084
Ion Ratio Lower Upper
88 100
43 30.1 24.2 36.4
58 63.9 53.0 79.4



#50
Toluene-d8
Concen: 49.490 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007443.D
Acq: 08 Feb 2019 15:42

Tgt Ion: 98 Resp: 824070
Ion Ratio Lower Upper
98 100
100 64.1 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 102.163 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007443.D

Acq: 08 Feb 2019 15:42

Instrument :

MSVOA_X

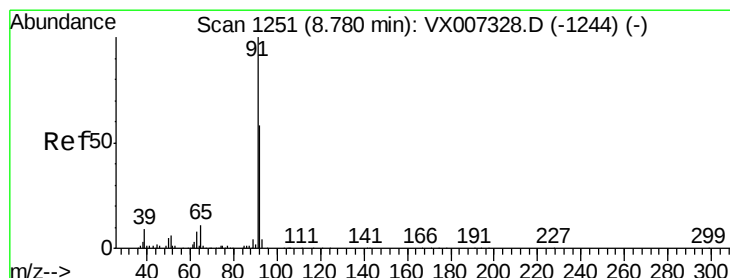
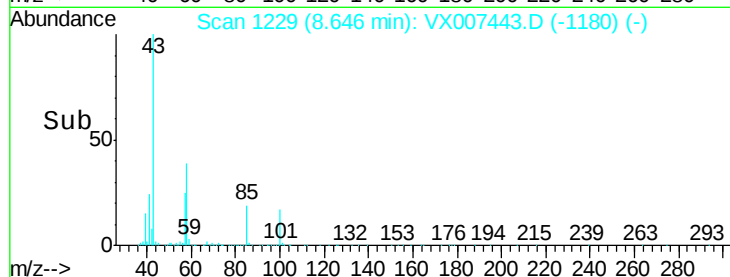
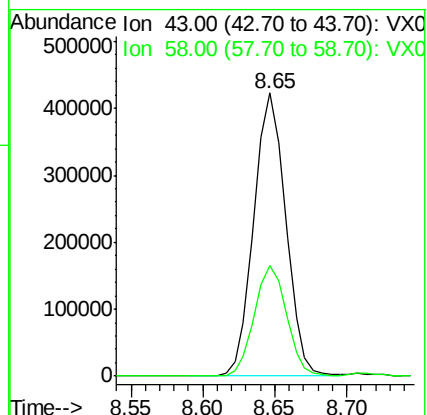
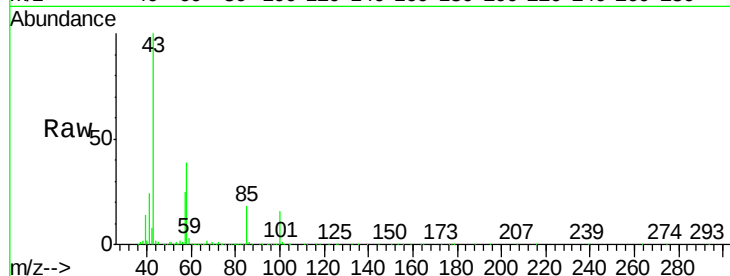
ClientSampleId :

Tot Ion: 43 Resp: 649426

Ion Ratio Lower Upper

43 100

58 39.2 31.2 46.8



#52

Toluene

Concen: 19.038 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007443.D

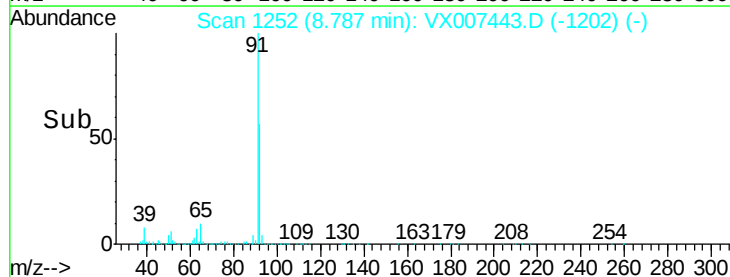
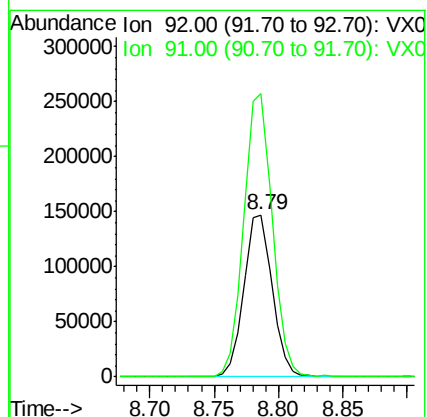
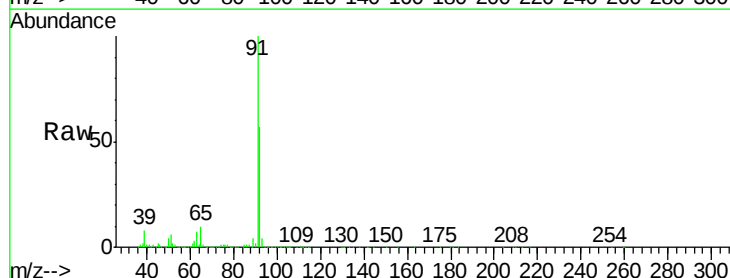
Acq: 08 Feb 2019 15:42

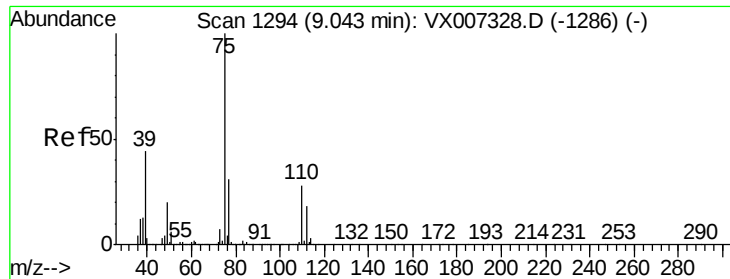
Tgt Ion: 92 Resp: 223927

Ion Ratio Lower Upper

92 100

91 176.0 139.1 208.7

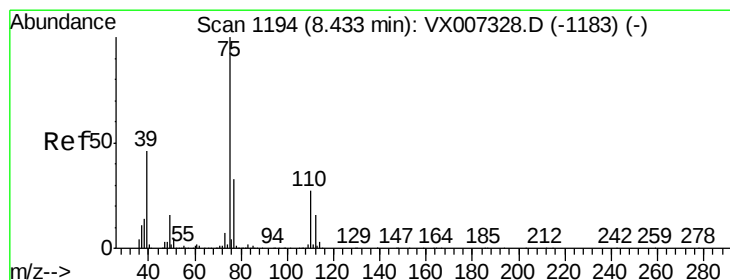
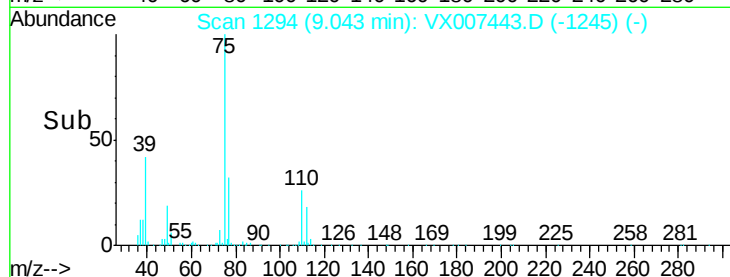
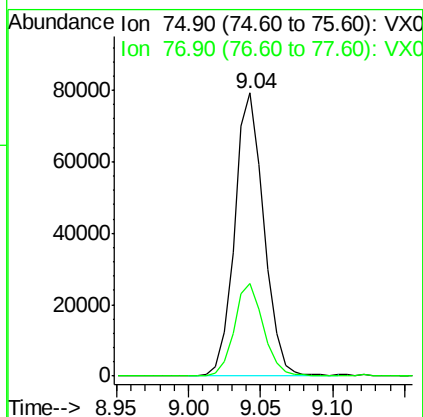
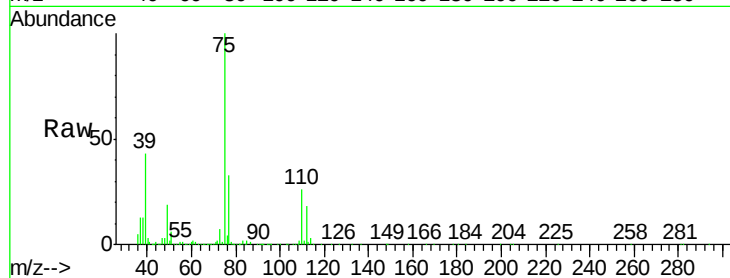




#53
t-1,3-Dichloropropene
Concen: 18.609 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX007443.D
Acq: 08 Feb 2019 15:42

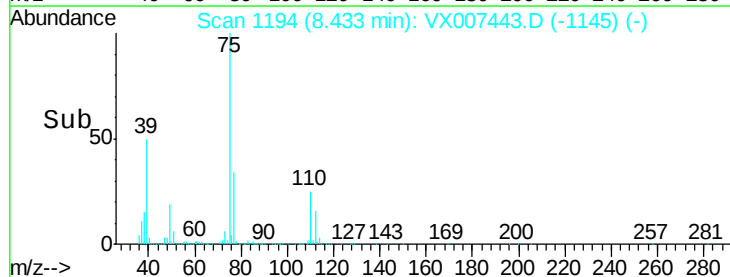
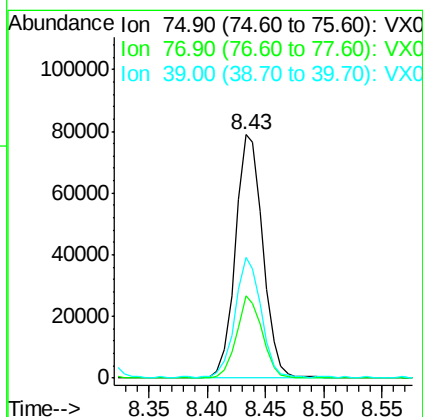
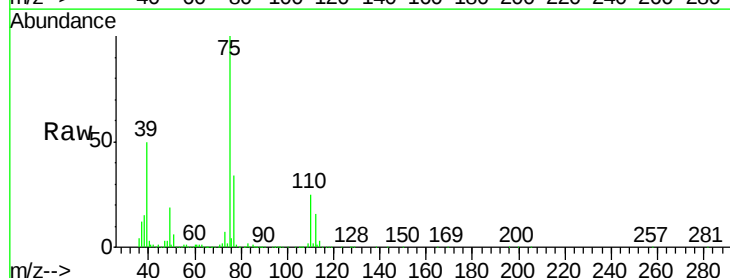
Instrument :
MSVOA_X
ClientSampleId :

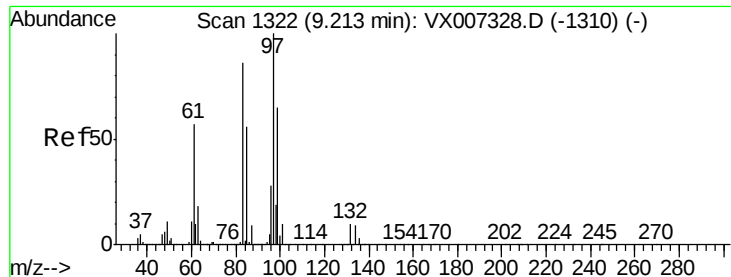
Tot Ion: 75 Resp: 112461
Ion Ratio Lower Upper
75 100
77 32.6 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 19.489 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX007443.D
Acq: 08 Feb 2019 15:42

Tgt Ion: 75 Resp: 129521
Ion Ratio Lower Upper
75 100
77 33.7 26.2 39.4
39 49.3 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 19.805 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX007443.D

Acq: 08 Feb 2019 15:42

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 97 Resp: 97102

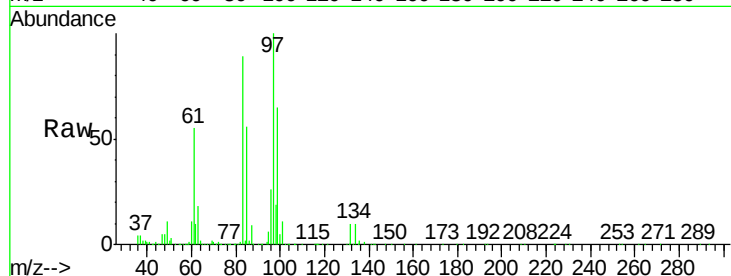
Ion Ratio Lower Upper

97 100

83 89.5 68.6 102.8

85 55.8 44.5 66.7

99 65.0 52.2 78.4

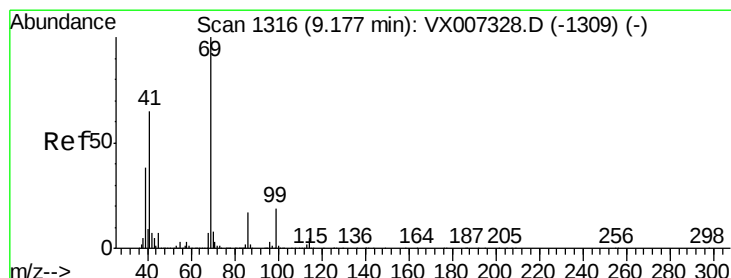
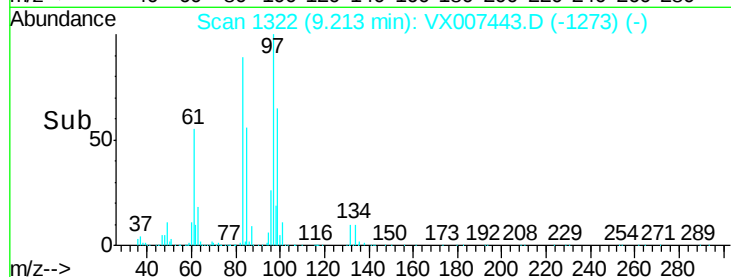
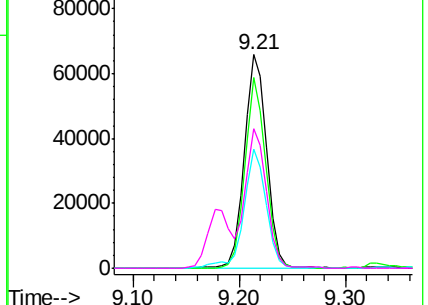


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.455 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX007443.D

Acq: 08 Feb 2019 15:42

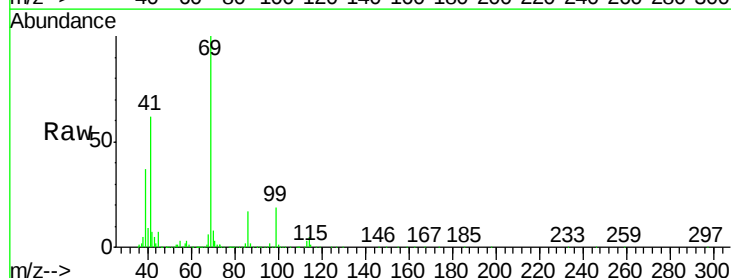
Tgt Ion: 69 Resp: 132107

Ion Ratio Lower Upper

69 100

41 63.6 52.1 78.1

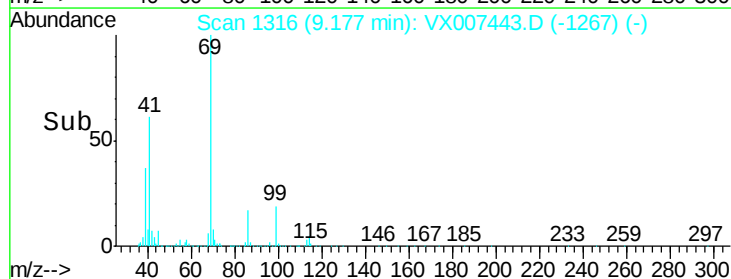
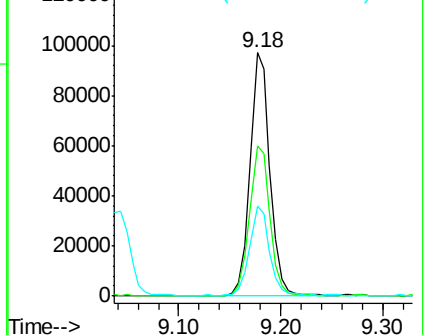
39 36.7 30.1 45.1



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.666 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007443.D

Acq: 08 Feb 2019 15:42

Instrument :

MSVOA_X

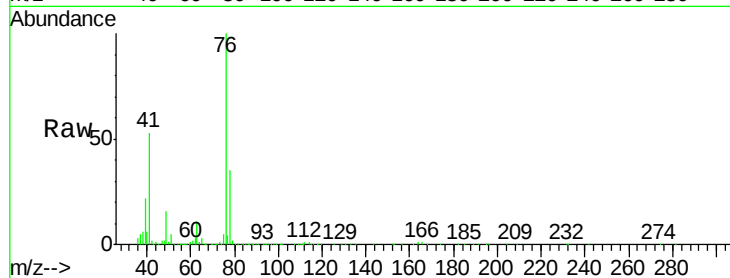
ClientSampleId :

Tot Ion: 76 Resp: 153338

Ion Ratio Lower Upper

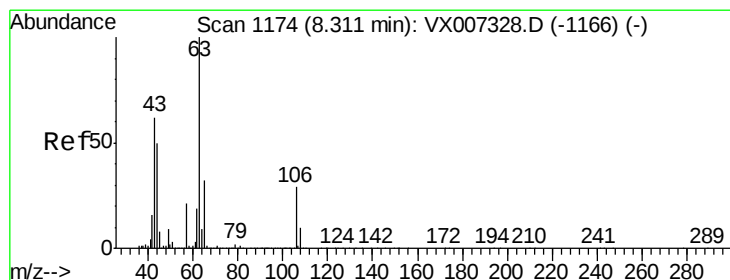
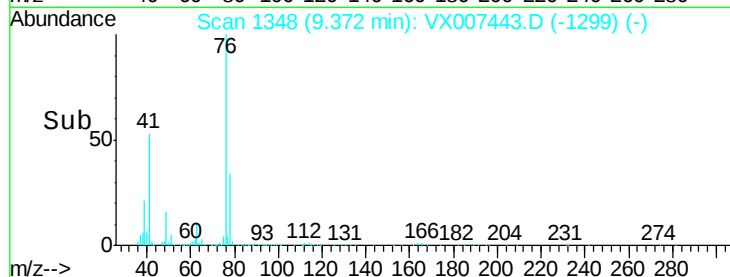
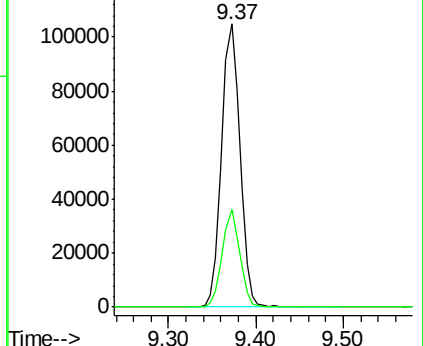
76 100

78 32.9 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 102.335 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007443.D

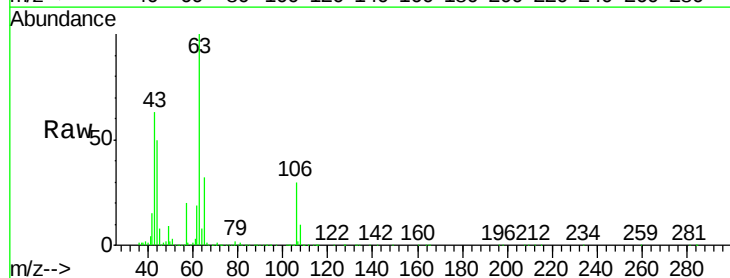
Acq: 08 Feb 2019 15:42

Tgt Ion: 63 Resp: 366274

Ion Ratio Lower Upper

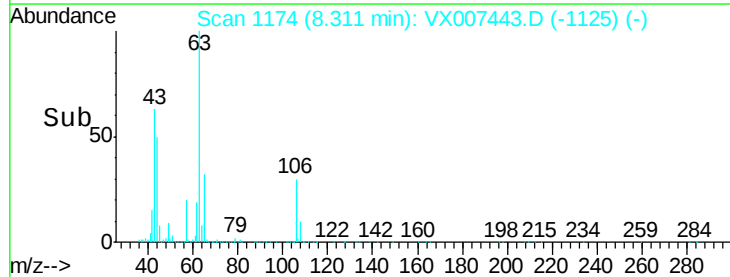
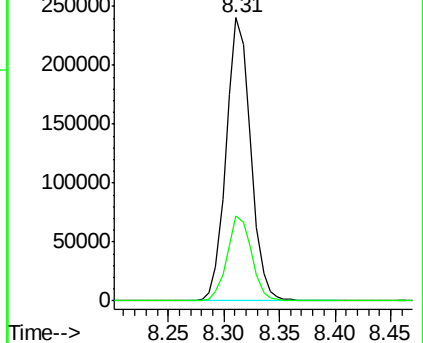
63 100

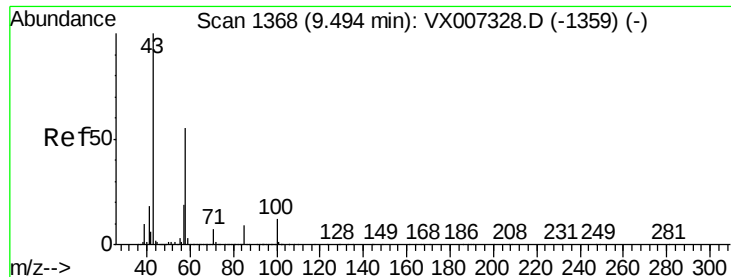
106 29.9 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

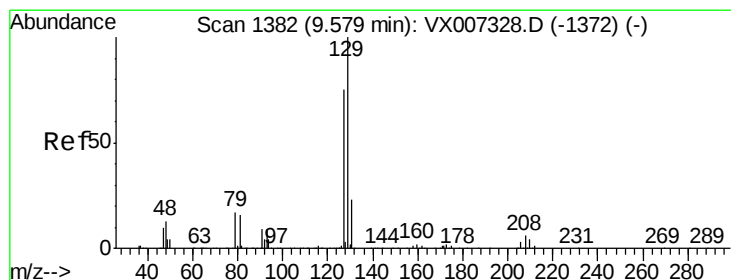
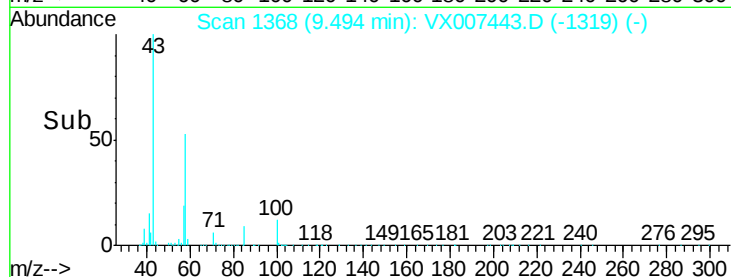
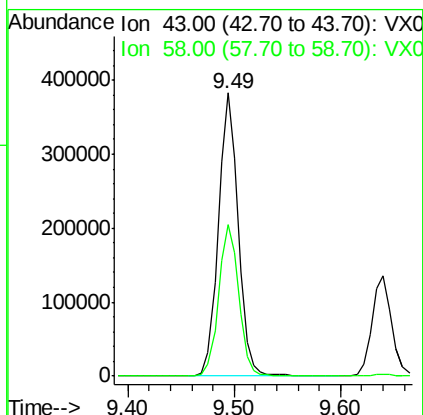
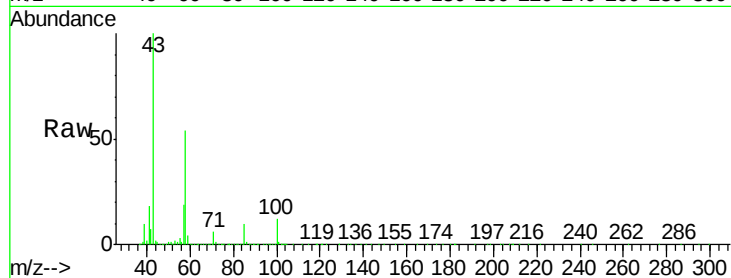




#59
2-Hexanone
Concen: 99.989 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007443.D
Acq: 08 Feb 2019 15:42

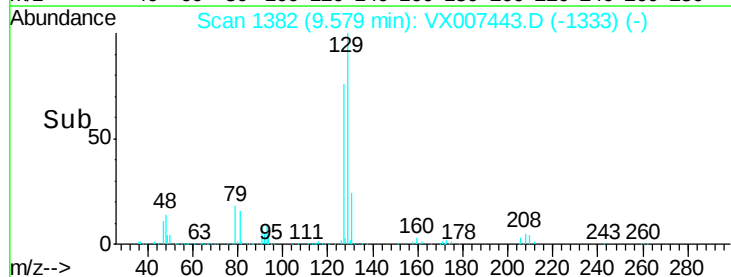
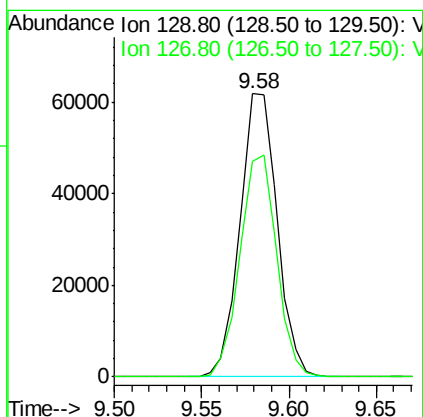
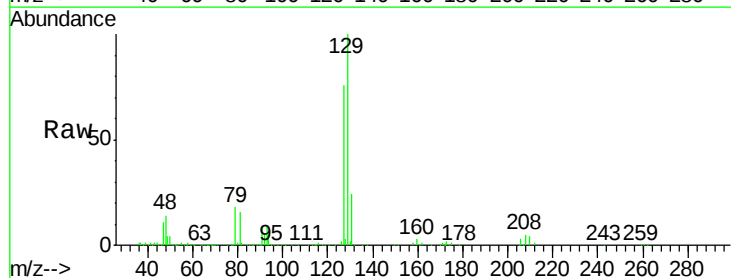
Instrument :
MSVOA_X
ClientSampleId :

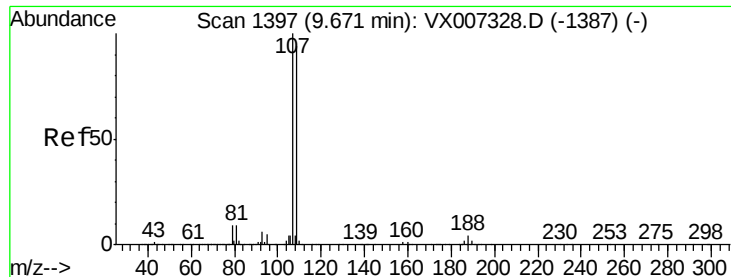
Tot Ion: 43 Resp: 494608
Ion Ratio Lower Upper
43 100
58 54.5 27.1 81.3



#60
Dibromochloromethane
Concen: 19.787 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX007443.D
Acq: 08 Feb 2019 15:42

Tgt Ion: 129 Resp: 91753
Ion Ratio Lower Upper
129 100
127 77.2 37.8 113.4





#61

1,2-Dibromoethane

Concen: 19.913 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007443.D

Acq: 08 Feb 2019 15:42

Instrument :

MSVOA_X

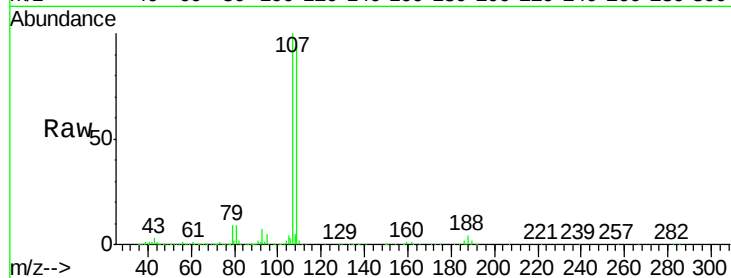
ClientSampleId :

Tot Ion:107 Resp: 103392

Ion Ratio Lower Upper

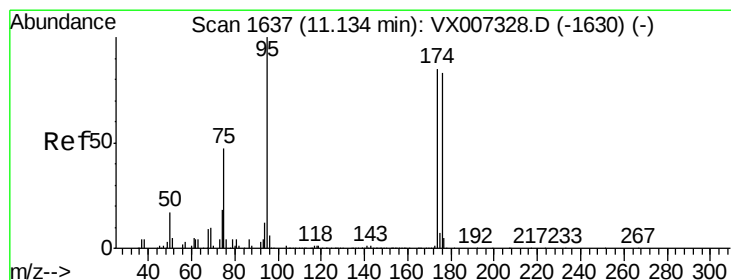
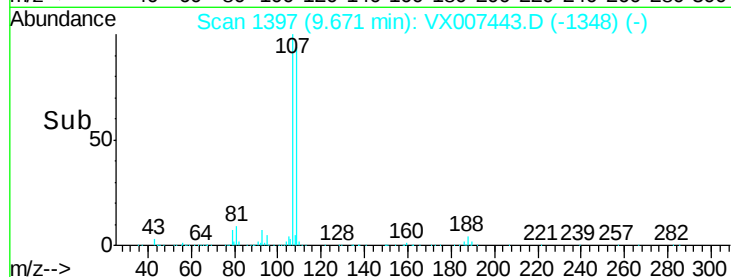
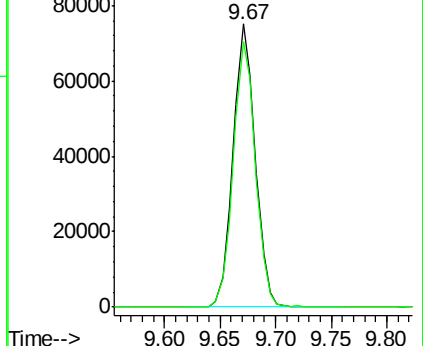
107 100

109 94.1 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.478 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007443.D

Acq: 08 Feb 2019 15:42

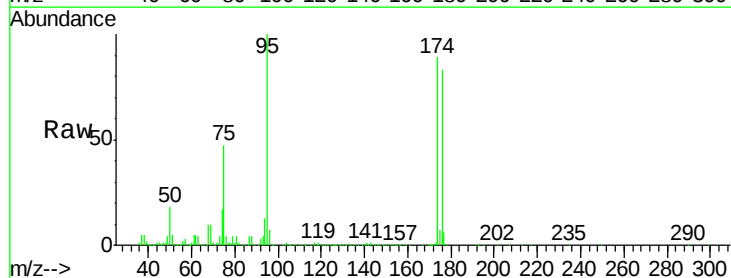
Tgt Ion: 95 Resp: 288635

Ion Ratio Lower Upper

95 100

174 94.3 0.0 189.2

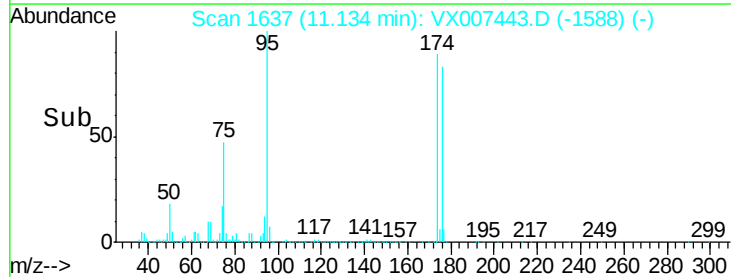
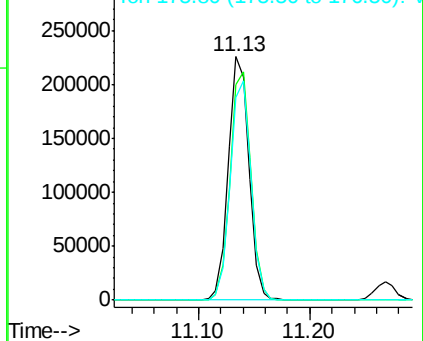
176 91.0 0.0 186.2

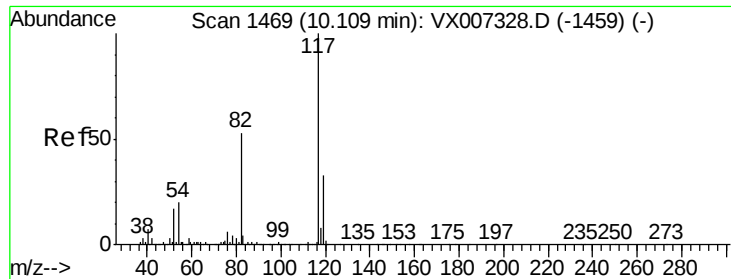


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

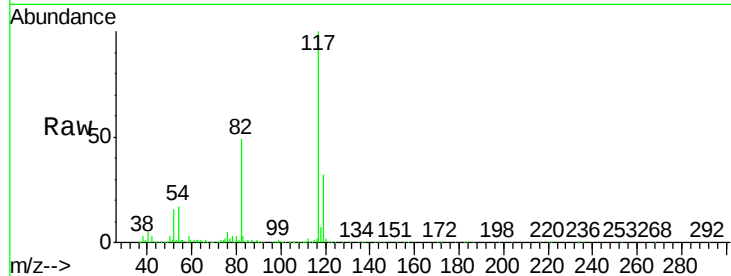




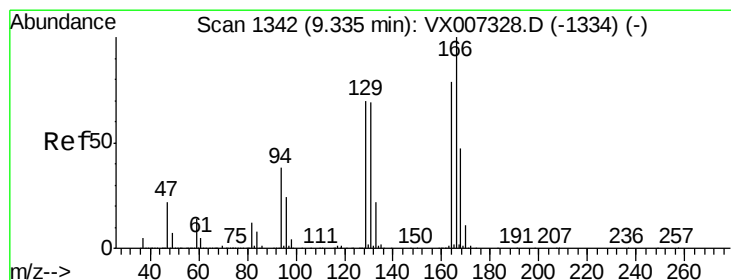
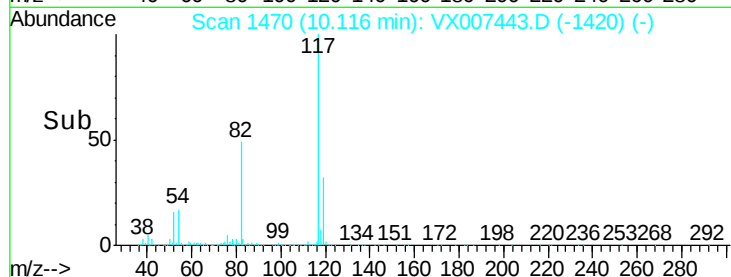
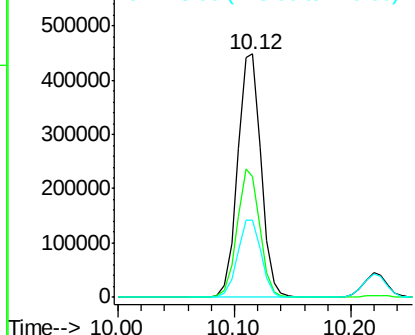
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007443.D
Acq: 08 Feb 2019 15:42

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 626709
Ion Ratio Lower Upper
117 100
82 49.3 42.1 63.1
119 31.7 26.5 39.7

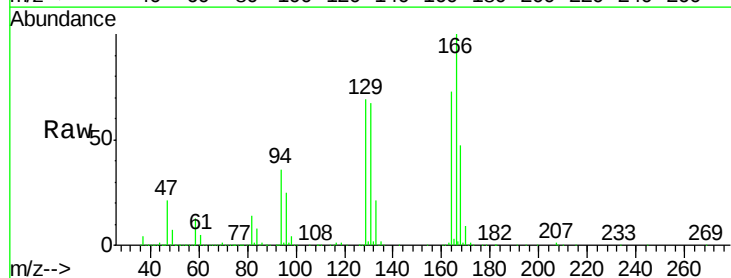


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

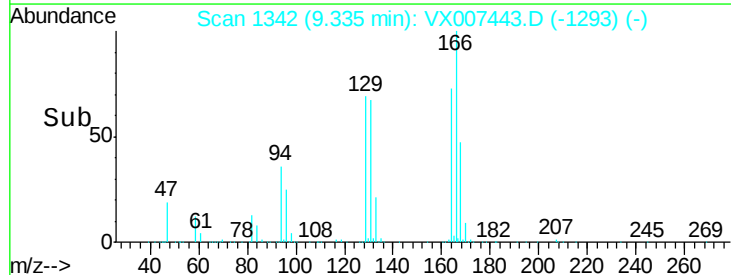
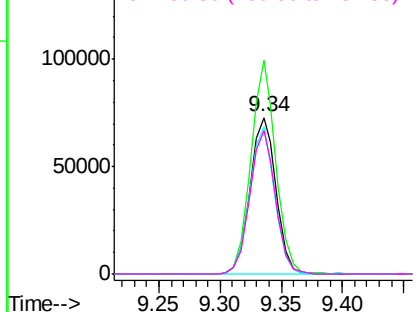


#64
Tetrachloroethene
Concen: 18.249 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007443.D
Acq: 08 Feb 2019 15:42

Tgt Ion:164 Resp: 107796
Ion Ratio Lower Upper
164 100
166 136.6 101.0 151.4
129 94.2 70.5 105.7
131 91.9 69.8 104.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

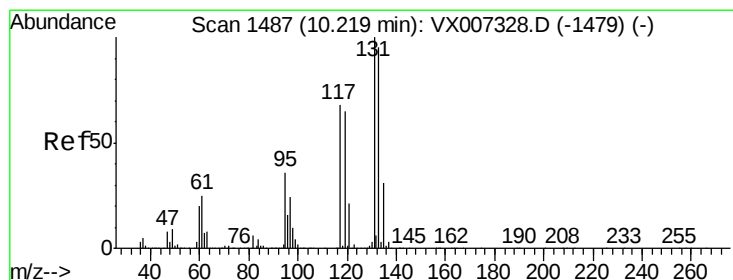
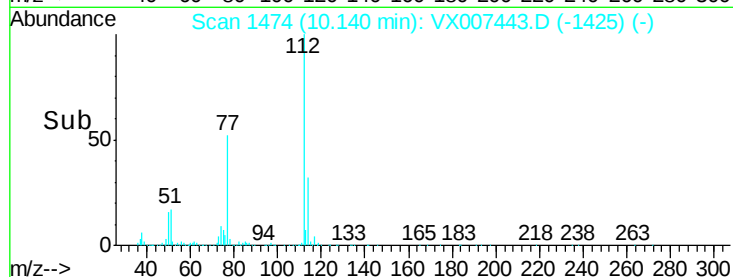
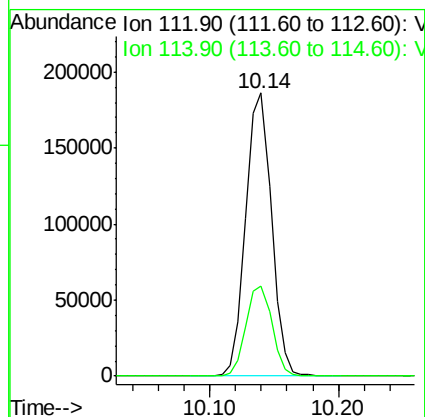
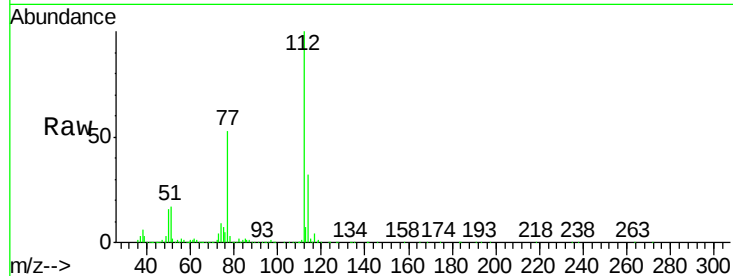




#65
Chlorobenzene
Concen: 18.786 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007443.D
Acq: 08 Feb 2019 15:42

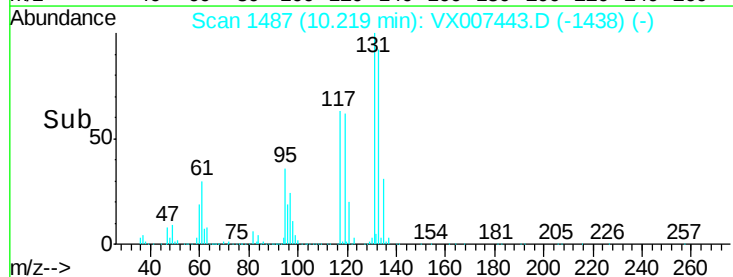
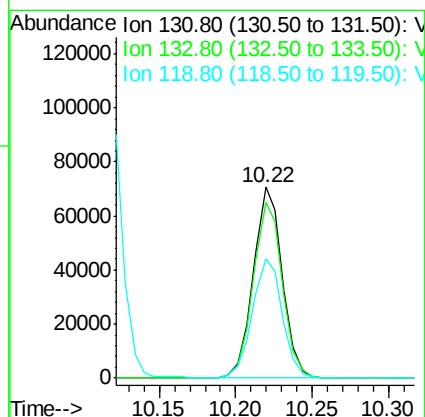
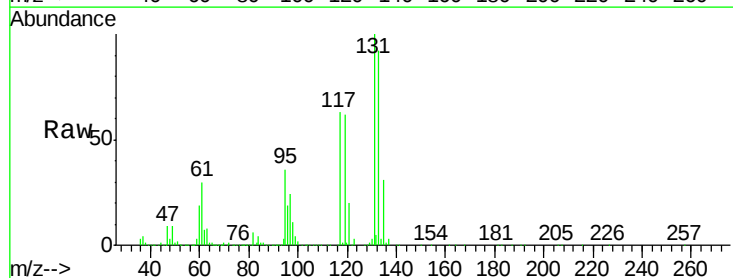
Instrument :
MSVOA_X
ClientSampleId :

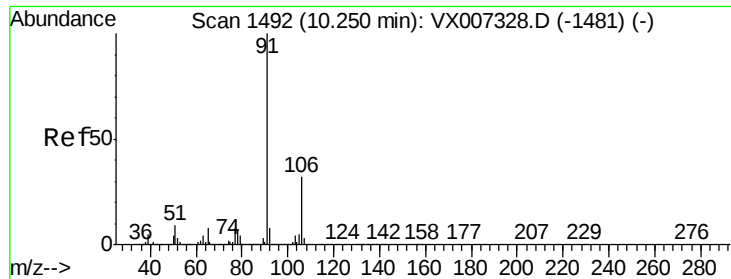
Tot Ion:112 Resp: 256914
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.240 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX007443.D
Acq: 08 Feb 2019 15:42

Tgt Ion:131 Resp: 92805
Ion Ratio Lower Upper
131 100
133 93.0 48.0 144.2
119 64.9 32.0 96.0

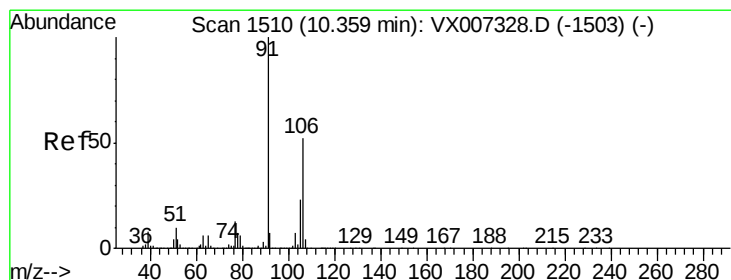
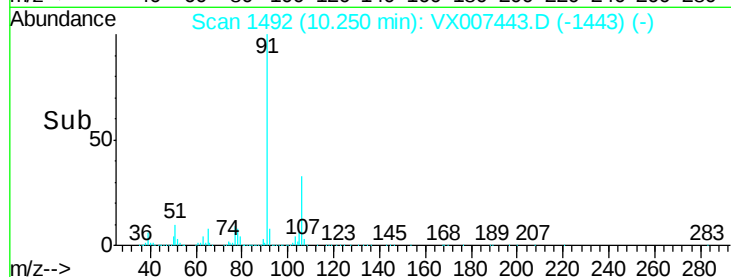
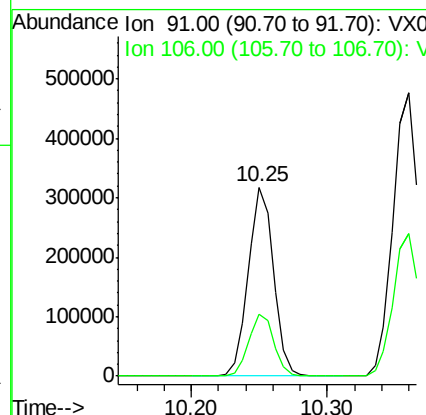
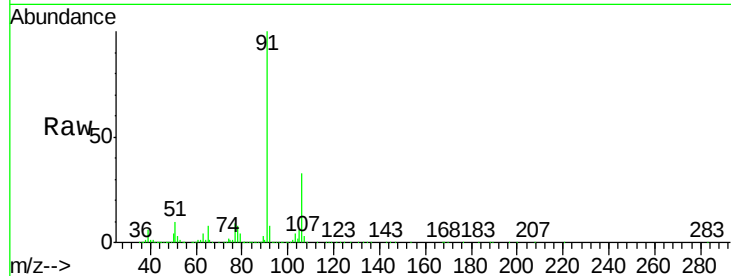




#67
Ethyl Benzene
Concen: 18.820 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX007443.D
Acq: 08 Feb 2019 15:42

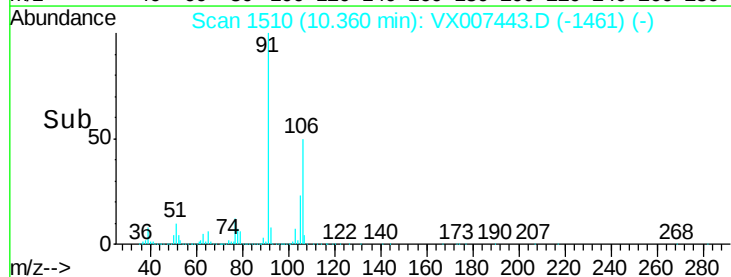
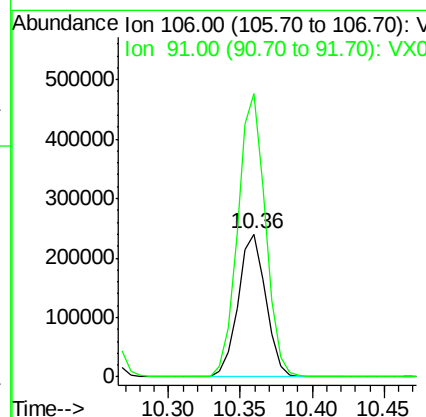
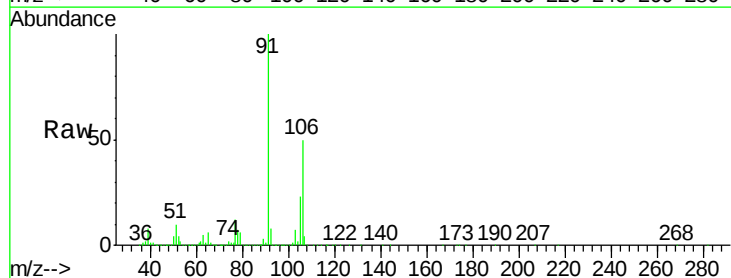
Instrument :
MSVOA_X
ClientSampled :

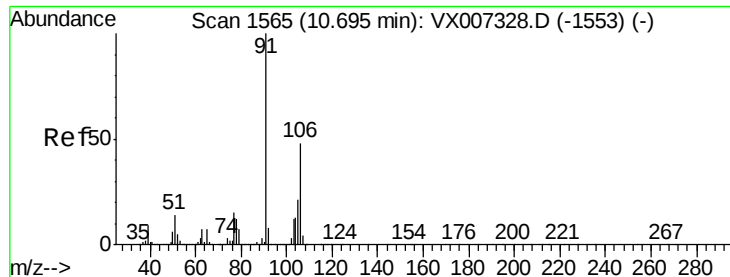
Tot Ion: 91 Resp: 414489
Ion Ratio Lower Upper
91 100
106 32.7 25.4 38.0



#68
m/p-Xylenes
Concen: 36.892 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007443.D
Acq: 08 Feb 2019 15:42

Tgt Ion: 106 Resp: 322976
Ion Ratio Lower Upper
106 100
91 196.8 156.6 234.8

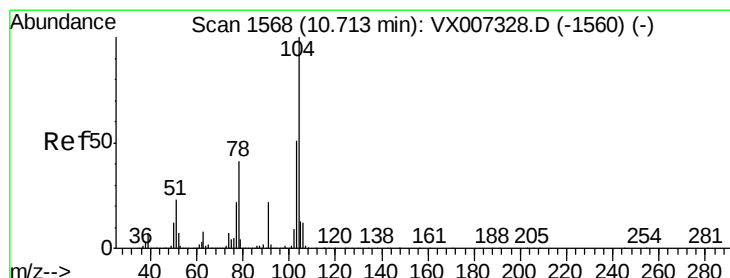
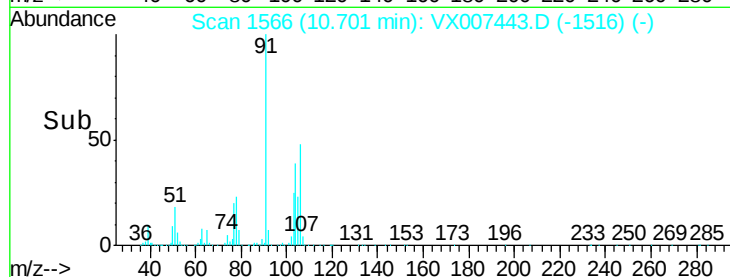
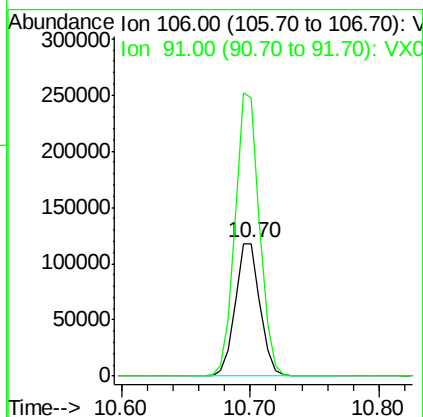
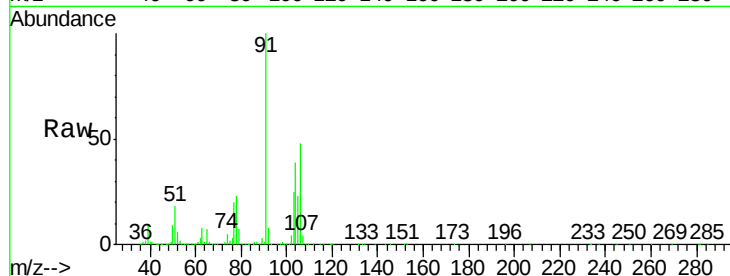




#69
o-Xylene
Concen: 18.764 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007443.D
Acq: 08 Feb 2019 15:42

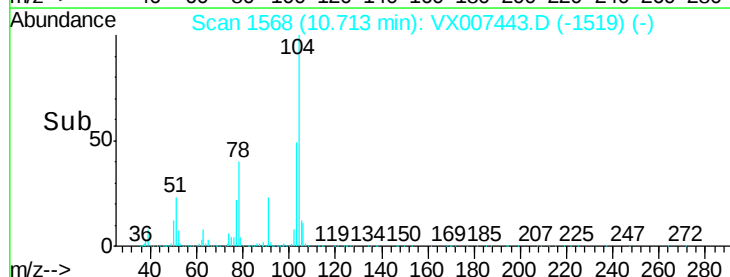
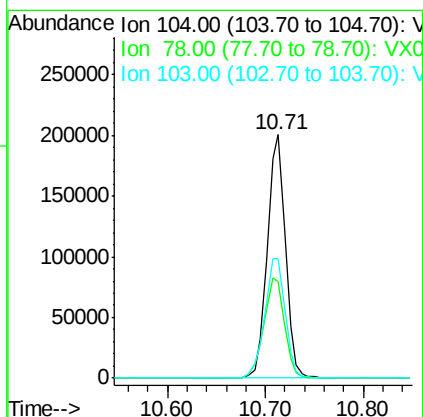
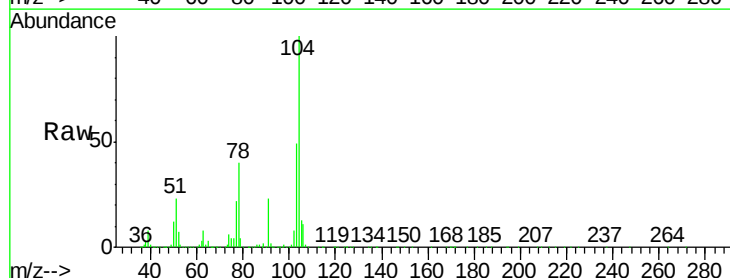
Instrument :
MSVOA_X
ClientSampleId :

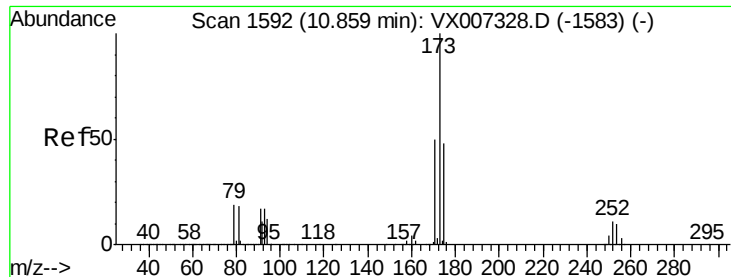
Tot Ion:106 Resp: 158069
Ion Ratio Lower Upper
106 100
91 209.9 102.9 308.7



#70
Styrene
Concen: 18.889 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007443.D
Acq: 08 Feb 2019 15:42

Tgt Ion:104 Resp: 258062
Ion Ratio Lower Upper
104 100
78 47.3 38.3 57.5
103 55.9 44.6 67.0





#71

Bromoform

Concen: 18.785 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007443.D

Acq: 08 Feb 2019 15:42

Instrument :

MSVOA_X

ClientSampleId :

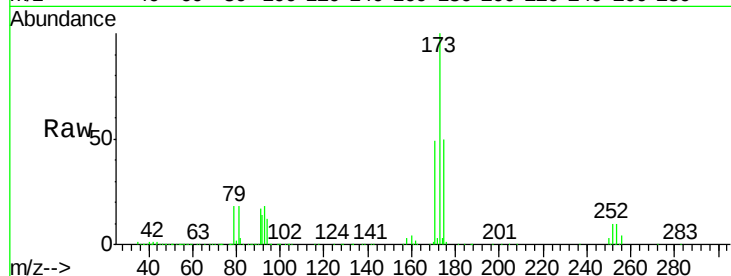
Tot Ion:173 Resp: 64542

Ion Ratio Lower Upper

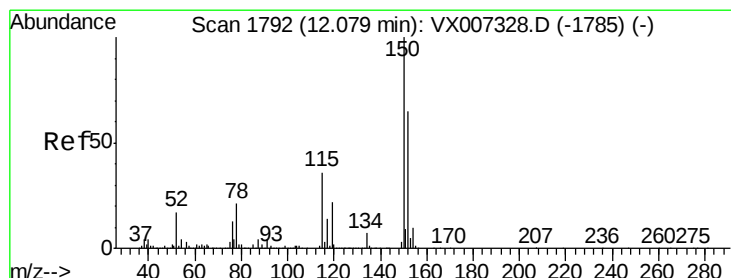
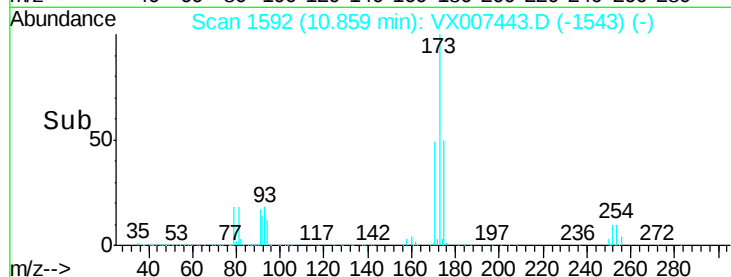
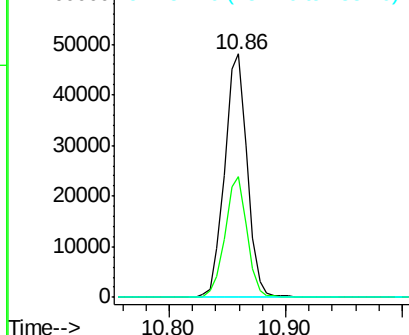
173 100

175 48.6 24.2 72.6

254 0.2 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007443.D

Acq: 08 Feb 2019 15:42

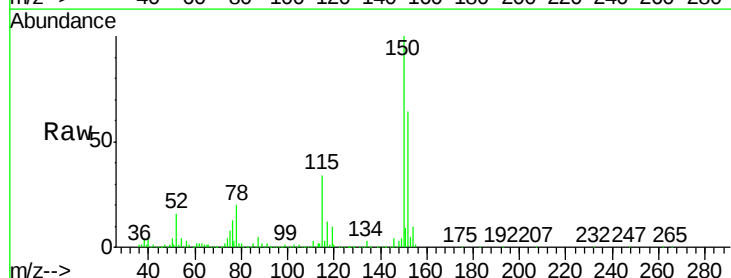
Tgt Ion:152 Resp: 314677

Ion Ratio Lower Upper

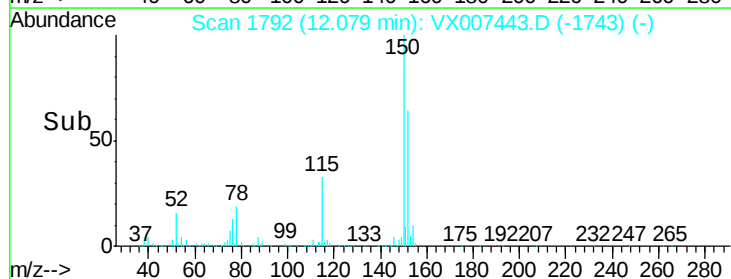
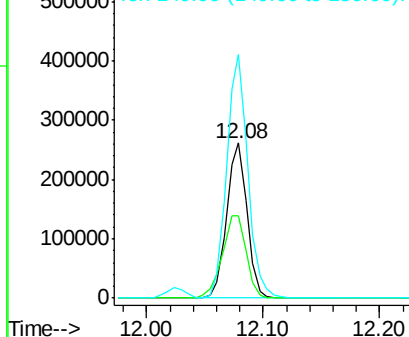
152 100

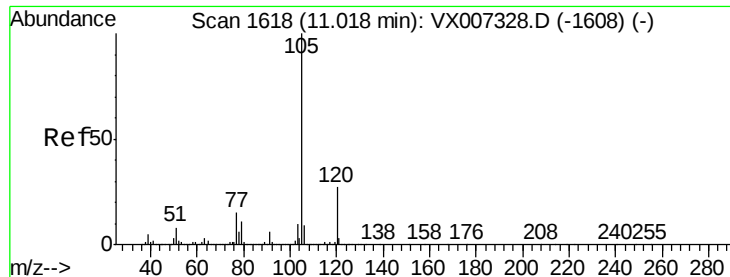
115 62.2 38.0 114.0

150 163.6 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.864 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007443.D

Acq: 08 Feb 2019 15:42

Instrument :

MSVOA_X

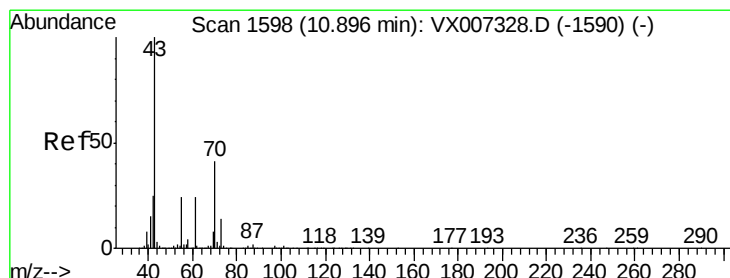
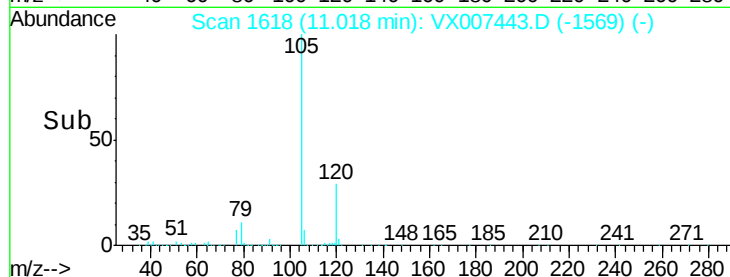
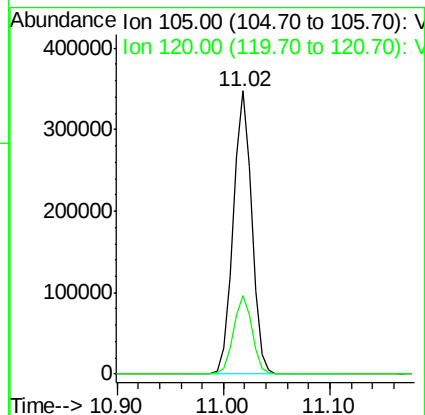
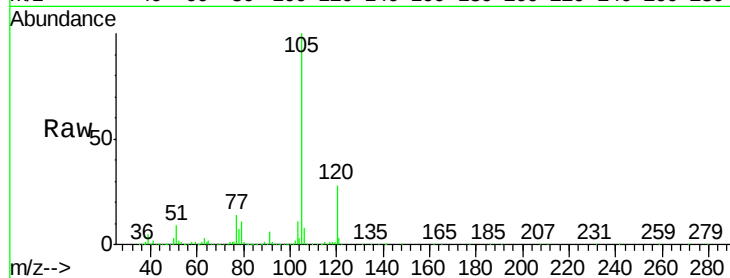
ClientSampleId :

Tot Ion:105 Resp: 424762

Ion Ratio Lower Upper

105 100

120 27.9 13.6 40.7



#74

N-ethyl acetate

Concen: 20.021 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007443.D

Acq: 08 Feb 2019 15:42

Tgt Ion: 43 Resp: 165595

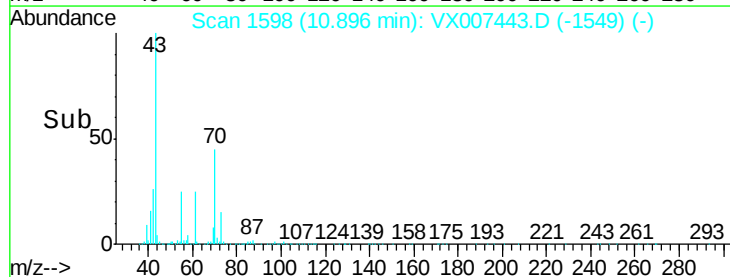
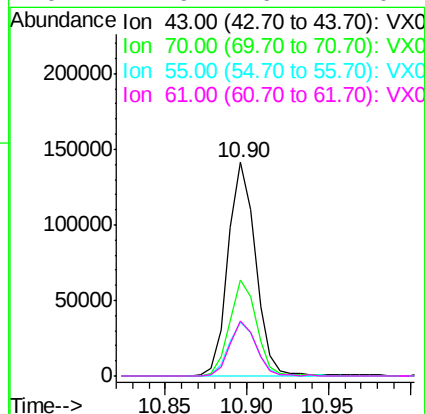
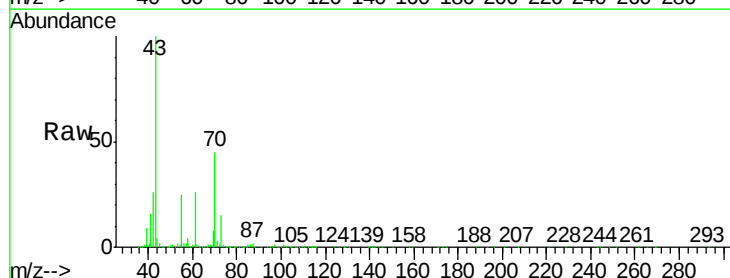
Ion Ratio Lower Upper

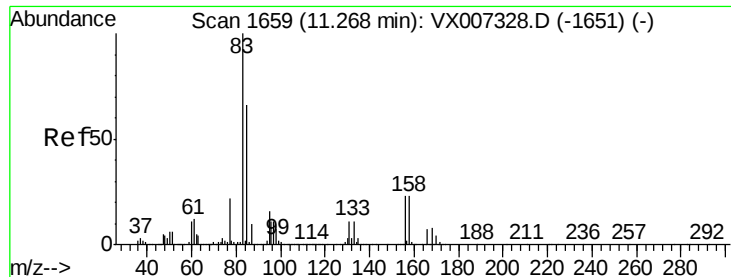
43 100

70 45.1 33.8 50.6

55 25.2 19.5 29.3

61 24.9 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.577 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007443.D

Acq: 08 Feb 2019 15:42

Instrument :

MSVOA_X

ClientSampled :

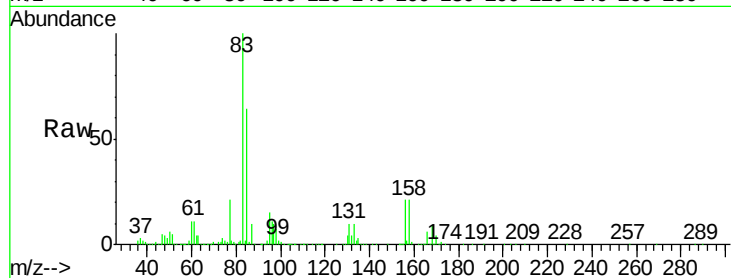
Tot Ion: 83 Resp: 140620

Ion Ratio Lower Upper

83 100

131 11.0 5.7 17.0

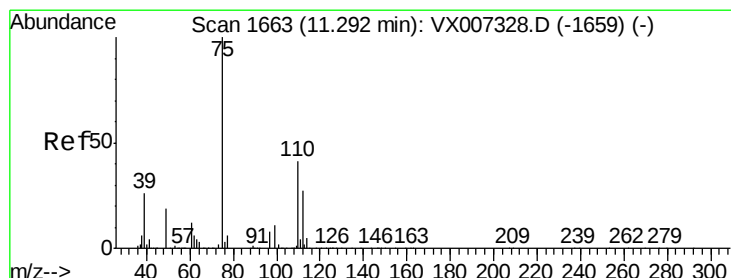
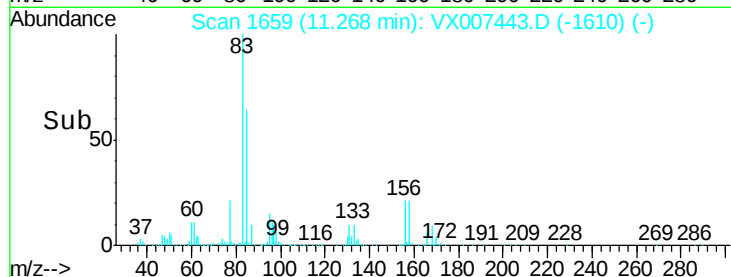
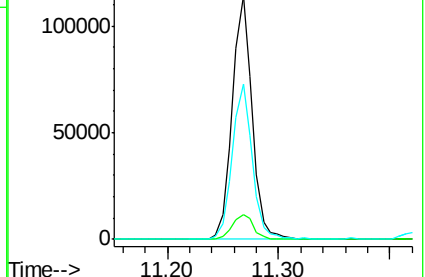
85 64.4 32.8 98.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.456 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX007443.D

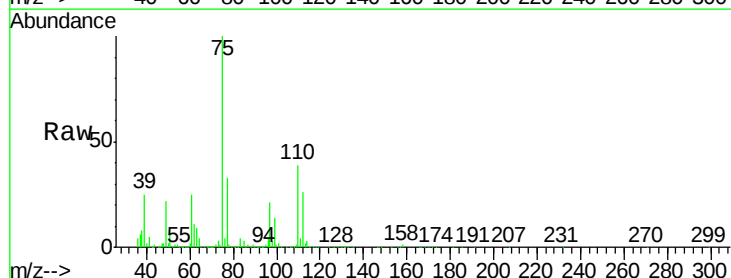
Acq: 08 Feb 2019 15:42

Tgt Ion: 75 Resp: 155810

Ion Ratio Lower Upper

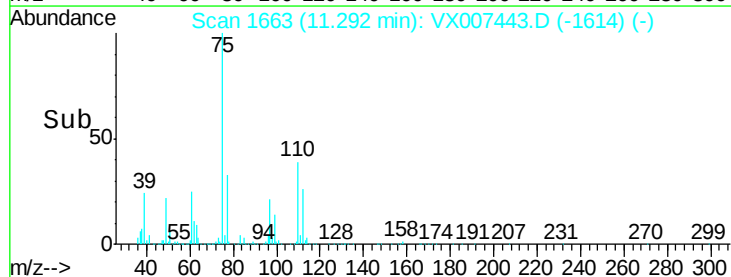
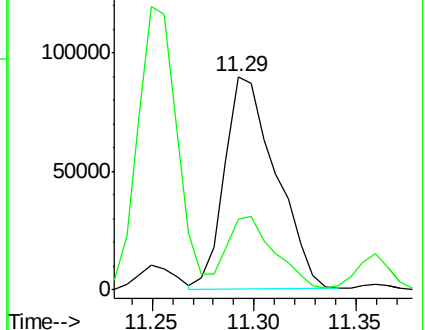
75 100

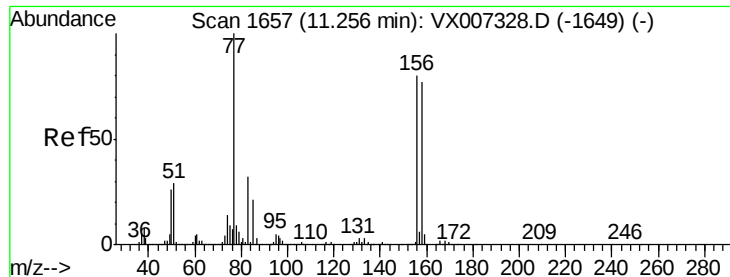
77 31.4 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.616 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007443.D

Acq: 08 Feb 2019 15:42

Instrument :

MSVOA_X

ClientSampleId :

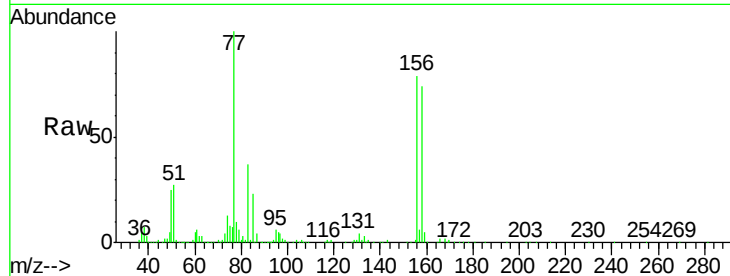
Tot Ion:156 Resp: 118185

Ion Ratio Lower Upper

156 100

77 135.9 66.8 200.6

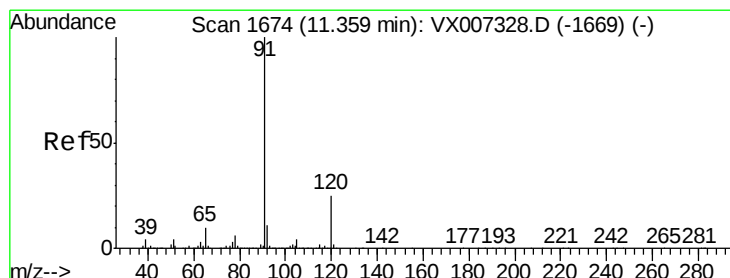
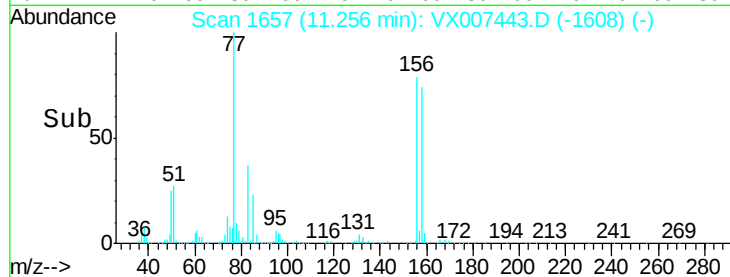
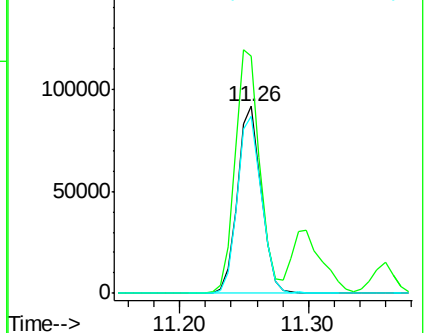
158 95.7 47.9 143.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.966 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007443.D

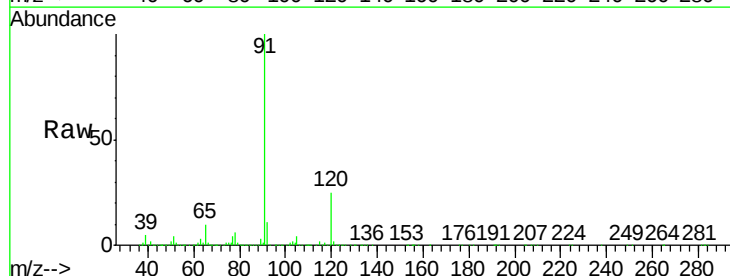
Acq: 08 Feb 2019 15:42

Tgt Ion: 91 Resp: 468183

Ion Ratio Lower Upper

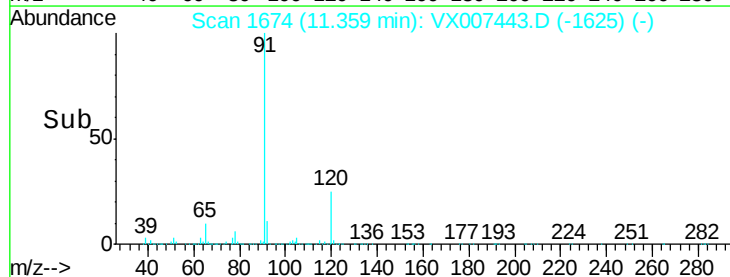
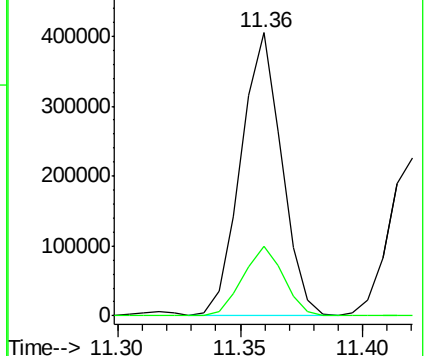
91 100

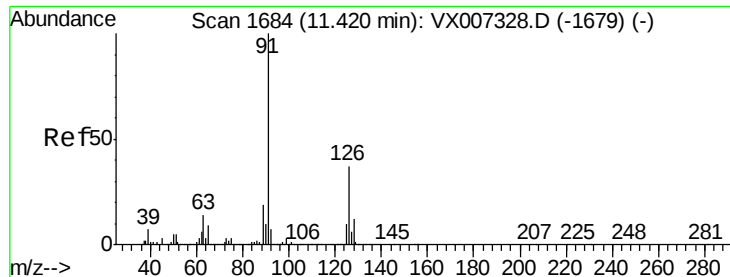
120 25.0 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.508 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007443.D

Acq: 08 Feb 2019 15:42

Instrument :

MSVOA_X

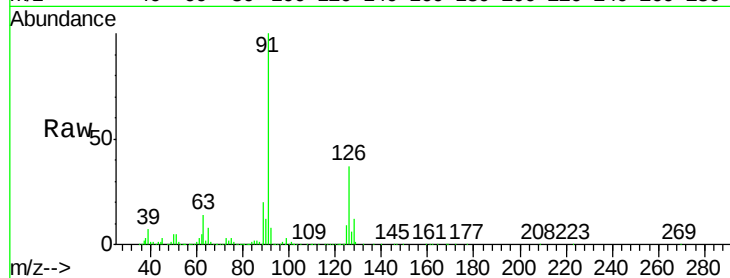
ClientSampleId :

Tot Ion: 91 Resp: 277569

Ion Ratio Lower Upper

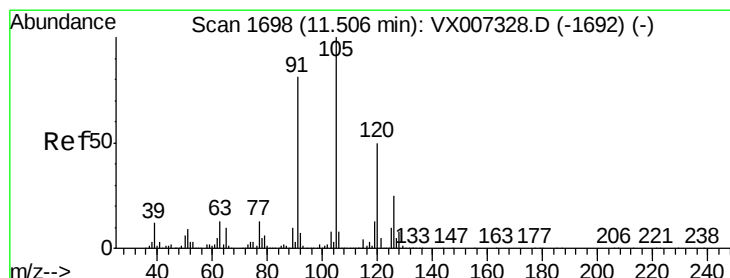
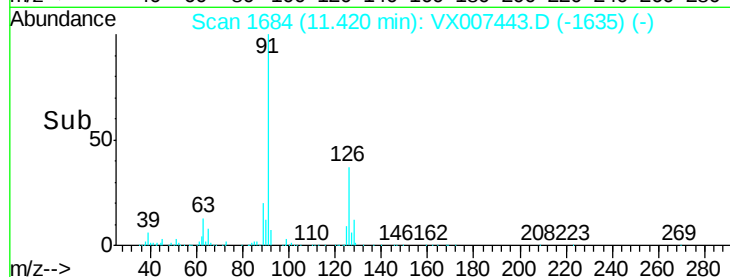
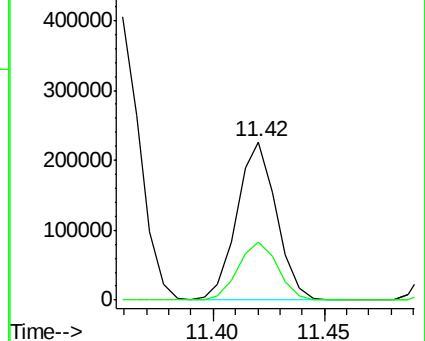
91 100

126 37.7 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.734 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007443.D

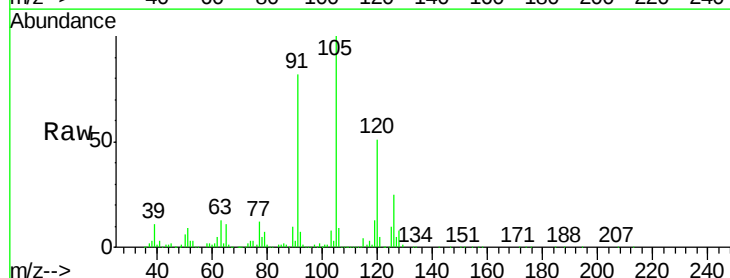
Acq: 08 Feb 2019 15:42

Tgt Ion:105 Resp: 345249

Ion Ratio Lower Upper

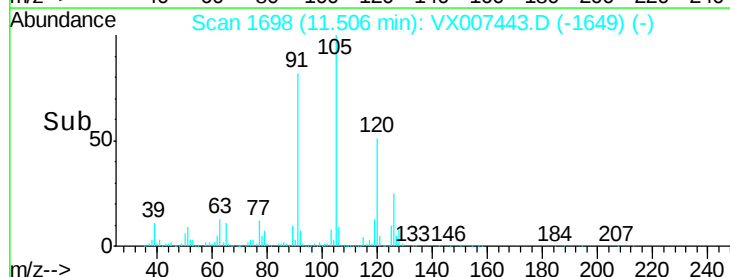
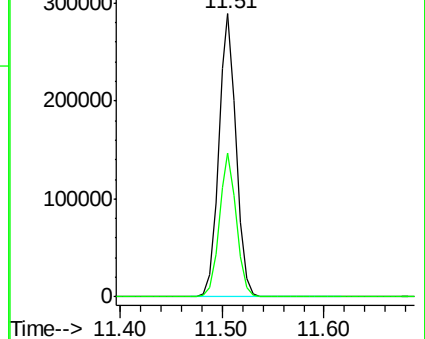
105 100

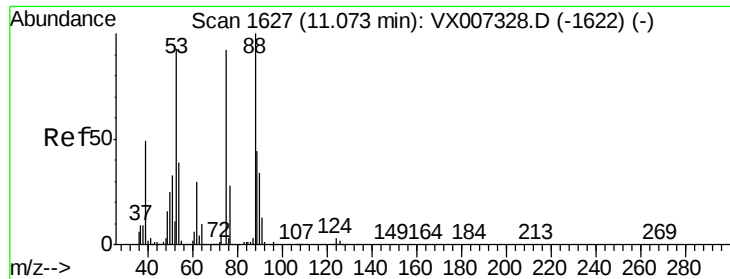
120 49.7 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 20.487 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007443.D

Acq: 08 Feb 2019 15:42

Instrument :

MSVOA_X

ClientSampleId :

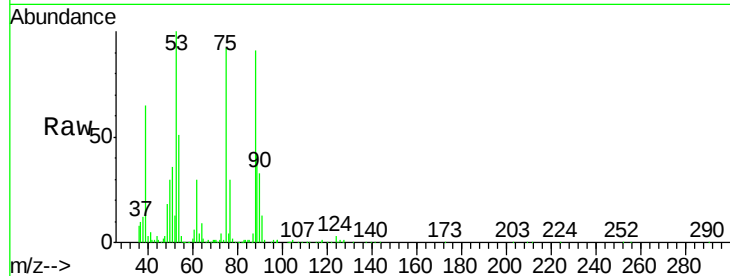
Tot Ion: 75 Resp: 35171

Ion Ratio Lower Upper

75 100

53 102.7 81.0 121.6

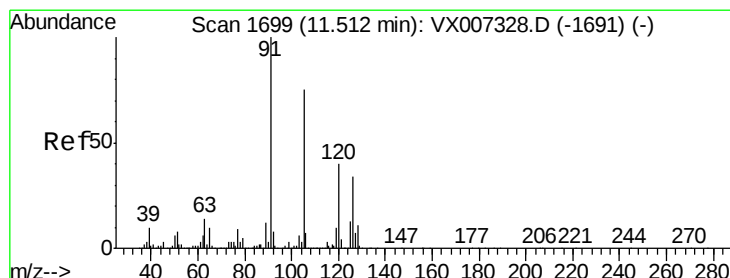
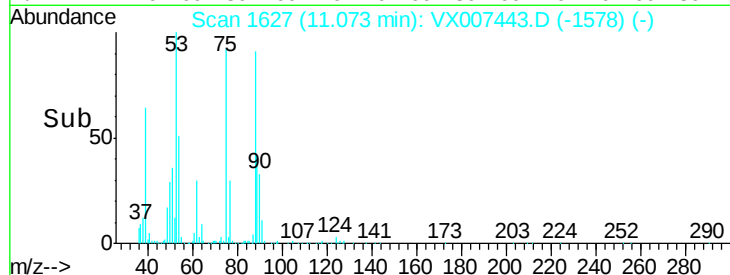
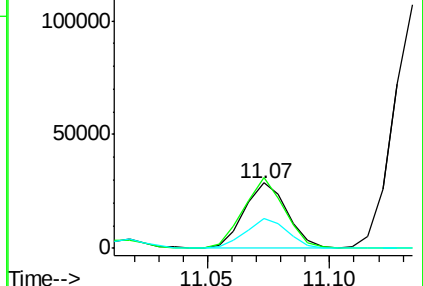
89 44.6 41.4 62.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.354 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007443.D

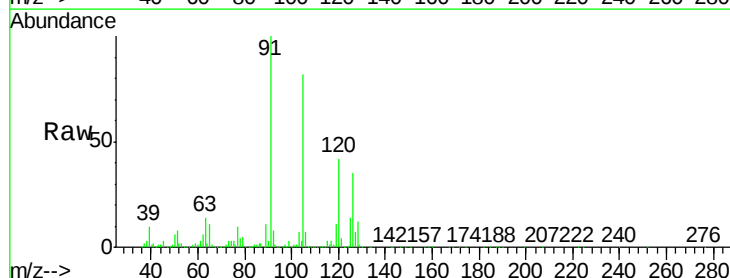
Acq: 08 Feb 2019 15:42

Tgt Ion: 91 Resp: 318630

Ion Ratio Lower Upper

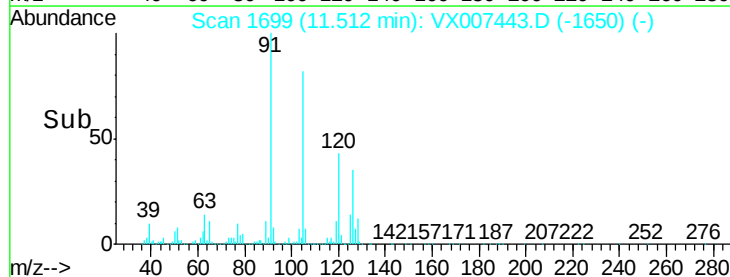
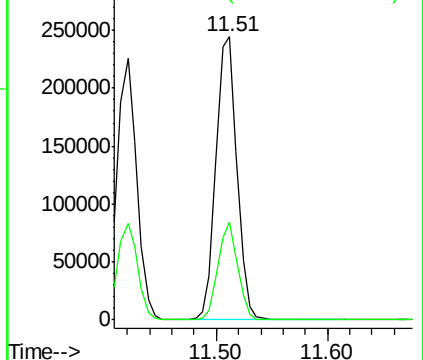
91 100

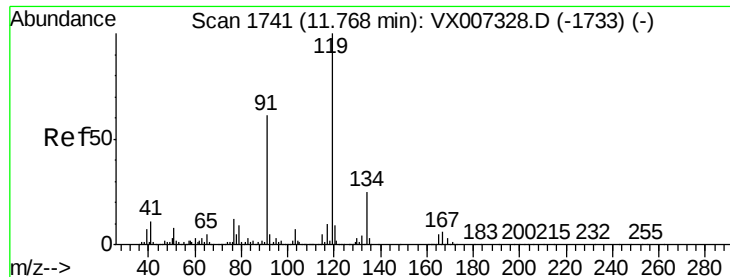
126 32.6 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 19.290 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007443.D

Acq: 08 Feb 2019 15:42

Instrument :

MSVOA_X

ClientSampleId :

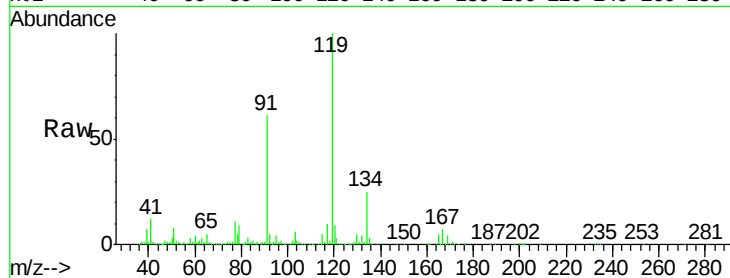
Tot Ion:119 Resp: 334113

Ion Ratio Lower Upper

119 100

91 58.0 28.5 85.6

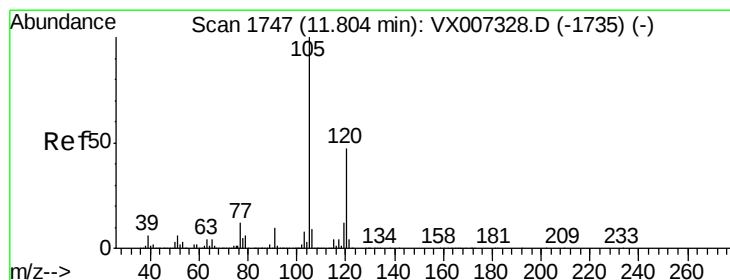
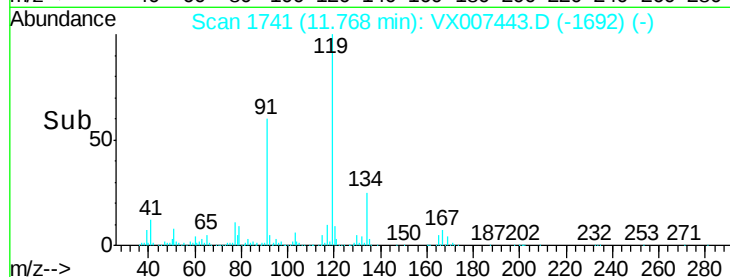
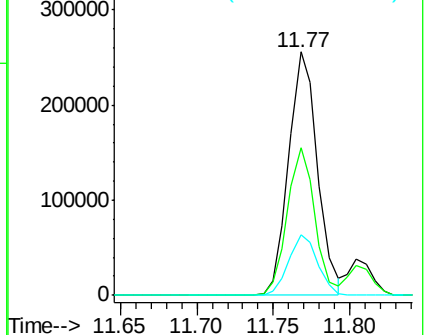
134 24.9 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.186 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX007443.D

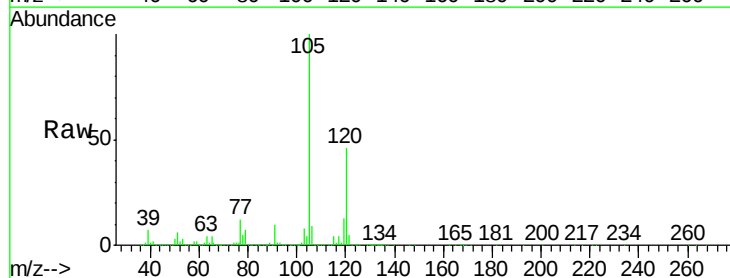
Acq: 08 Feb 2019 15:42

Tgt Ion:105 Resp: 358536

Ion Ratio Lower Upper

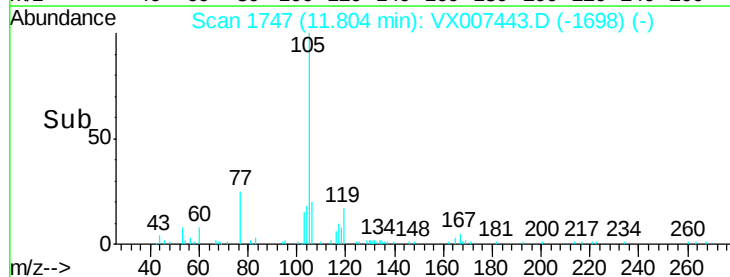
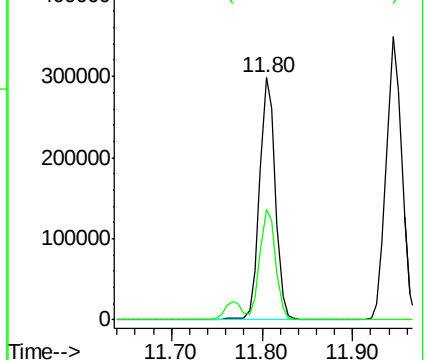
105 100

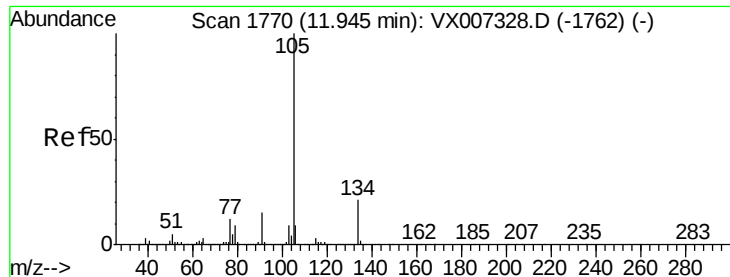
120 45.6 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.087 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007443.D

Acq: 08 Feb 2019 15:42

Instrument :

MSVOA_X

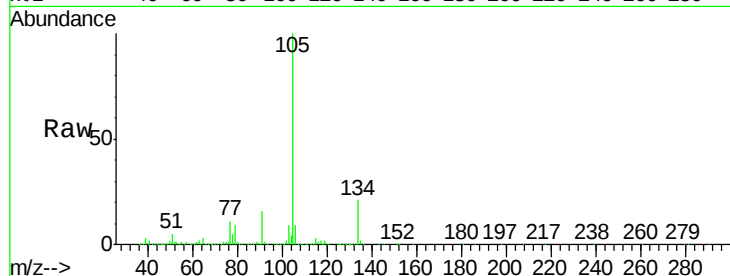
ClientSampleId :

Tot Ion:105 Resp: 421095

Ion Ratio Lower Upper

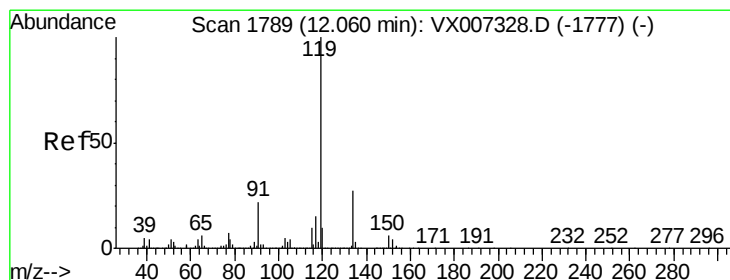
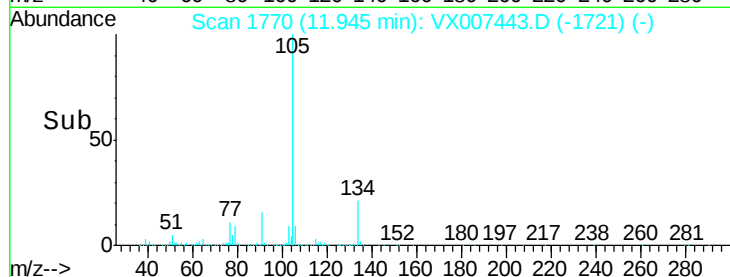
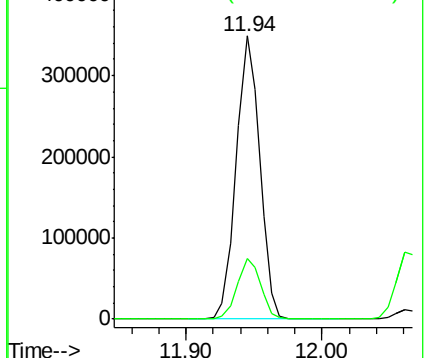
105 100

134 21.2 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.661 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007443.D

Acq: 08 Feb 2019 15:42

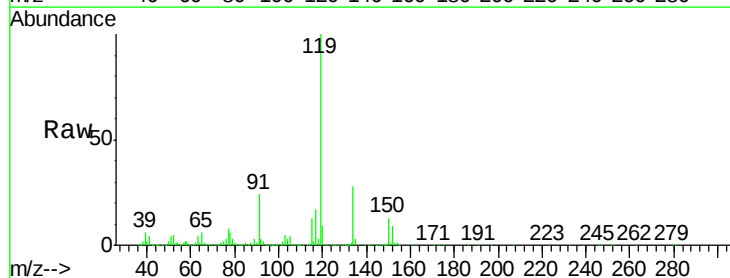
Tgt Ion:119 Resp: 372063

Ion Ratio Lower Upper

119 100

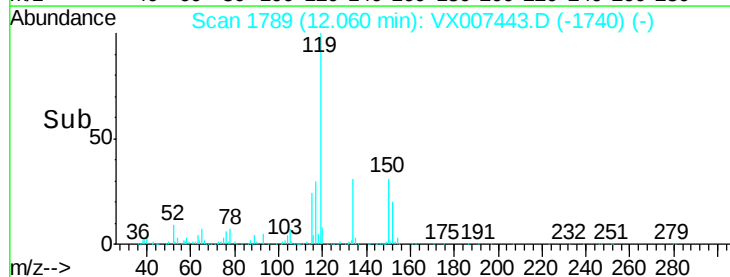
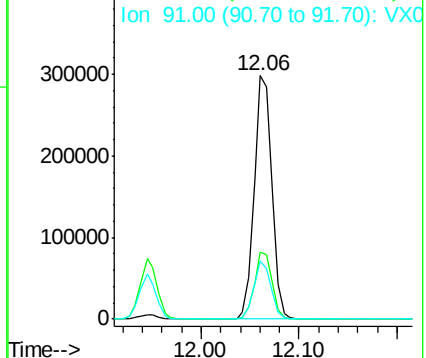
134 27.5 13.7 41.1

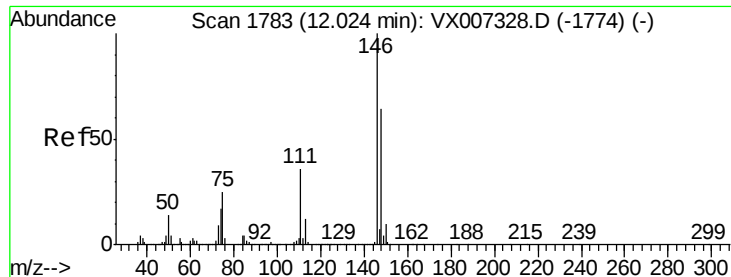
91 23.2 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

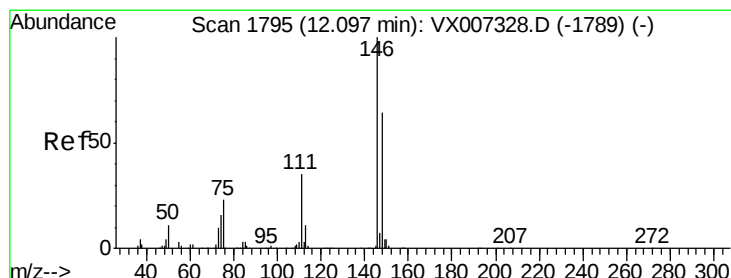
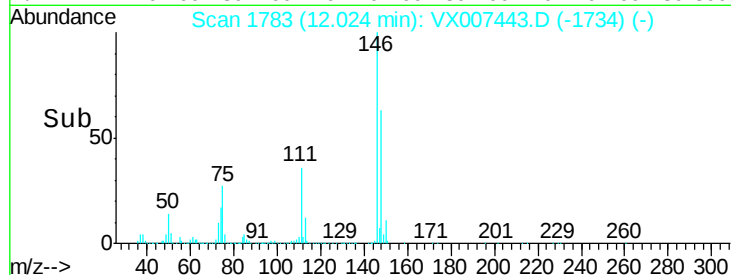
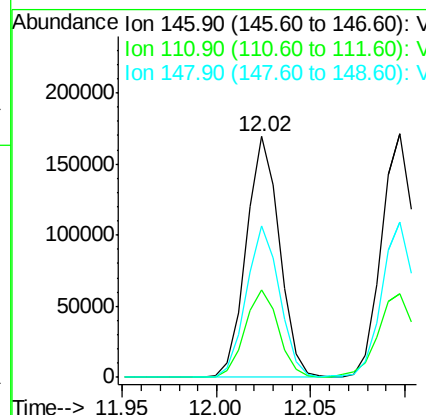
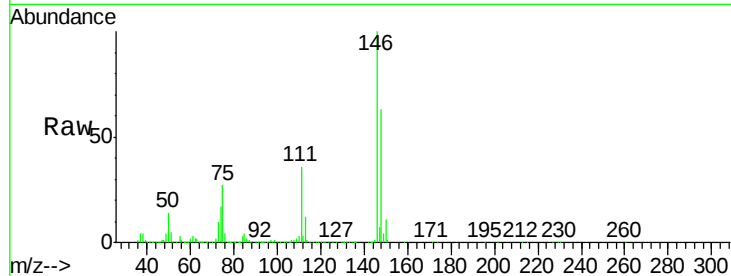




#87
 1,3-Dichlorobenzene
 Concen: 19.129 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007443.D
 Acq: 08 Feb 2019 15:42

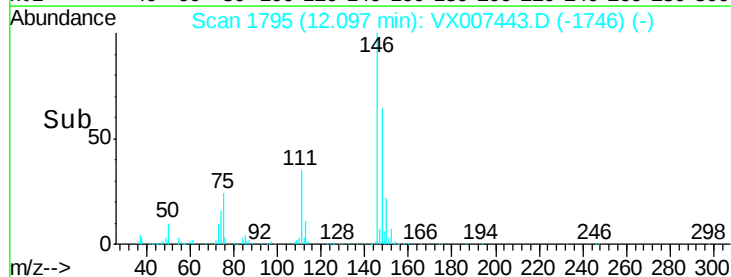
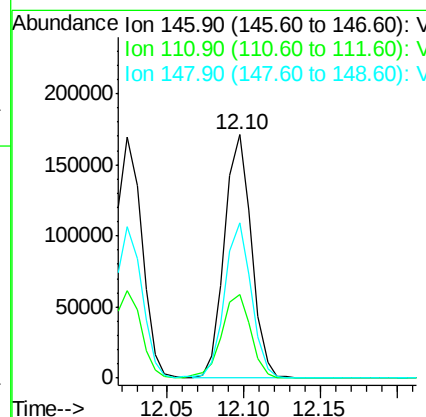
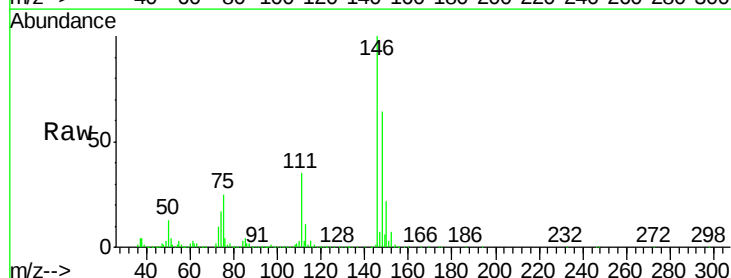
Instrument :
 MSVOA_X
 ClientSampled :

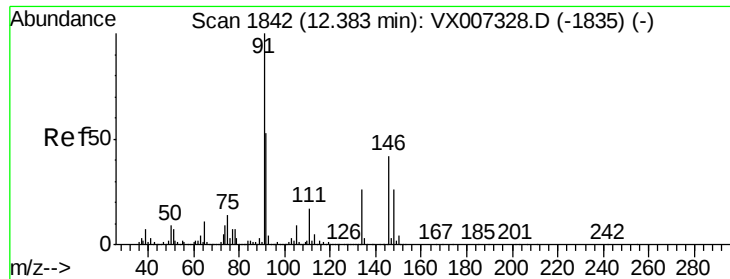
Tot Ion:146 Resp: 206845
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.1 54.1
 148 63.5 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 19.037 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007443.D
 Acq: 08 Feb 2019 15:42

Tgt Ion:146 Resp: 208836
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.1 54.1
 148 63.2 32.3 96.9

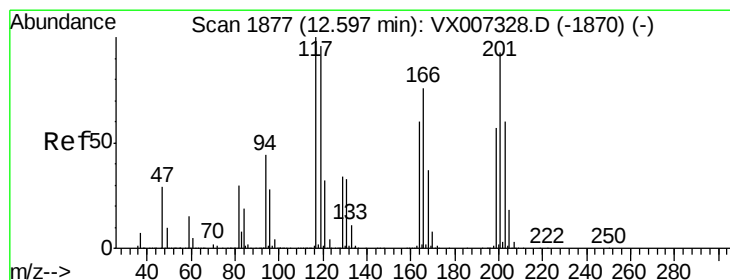
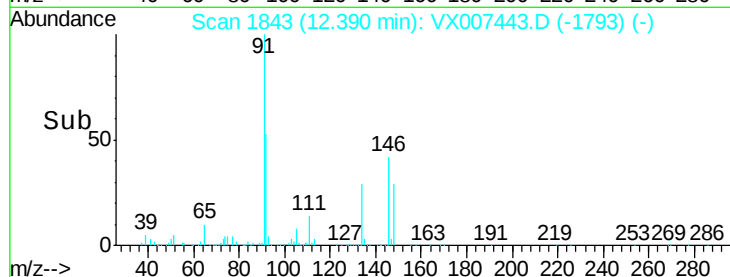
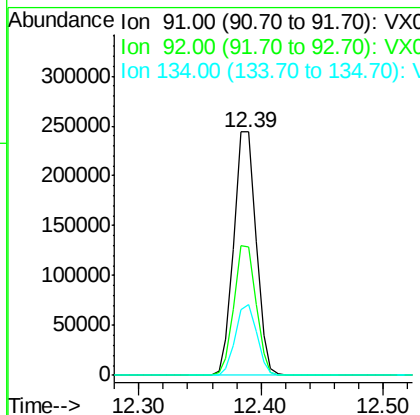
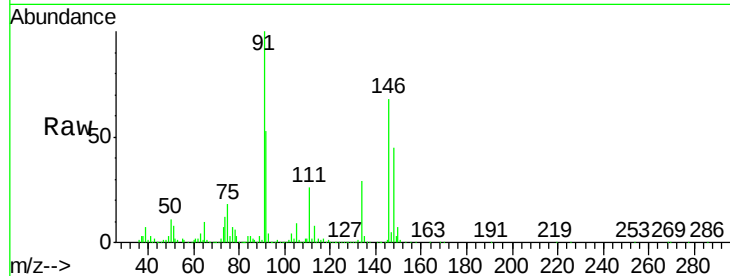




#89
n-Butylbenzene
Concen: 18.845 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007443.D
Acq: 08 Feb 2019 15:42

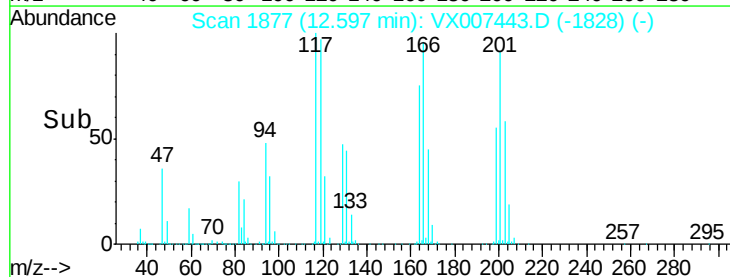
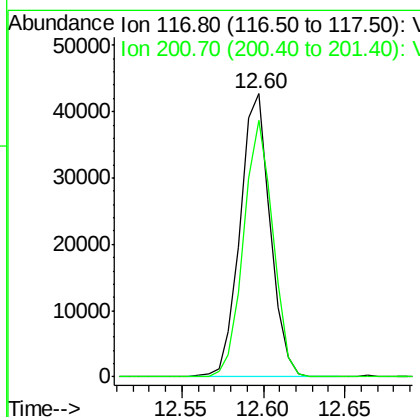
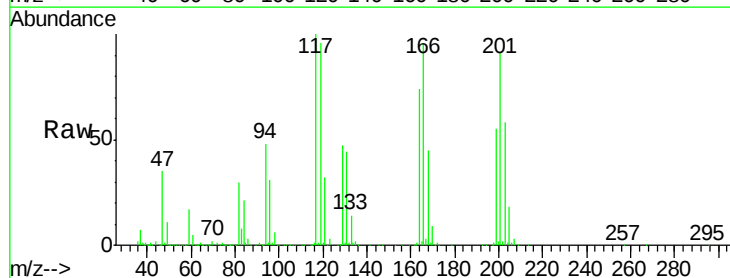
Instrument :
MSVOA_X
ClientSampleId :

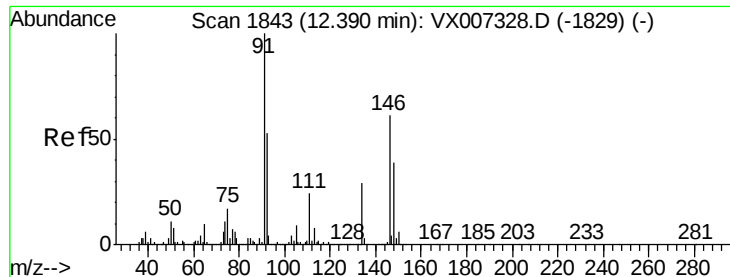
Tot Ion: 91 Resp: 306786
Ion Ratio Lower Upper
91 100
92 52.7 26.3 78.9
134 28.3 13.9 41.6



#90
Hexachloroethane
Concen: 19.453 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007443.D
Acq: 08 Feb 2019 15:42

Tgt Ion: 117 Resp: 55096
Ion Ratio Lower Upper
117 100
201 88.2 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 19.031 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007443.D

Acq: 08 Feb 2019 15:42

Instrument :

MSVOA_X

ClientSampleId :

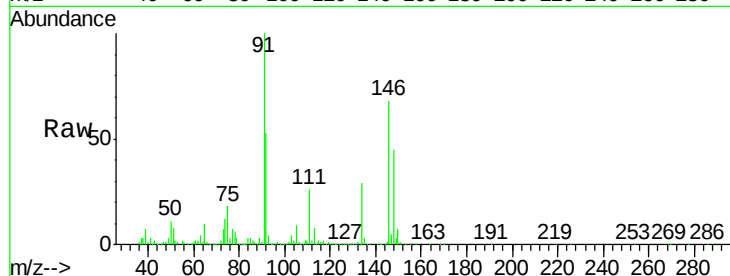
Tot Ion:146 Resp: 204795

Ion Ratio Lower Upper

146 100

111 37.3 19.1 57.3

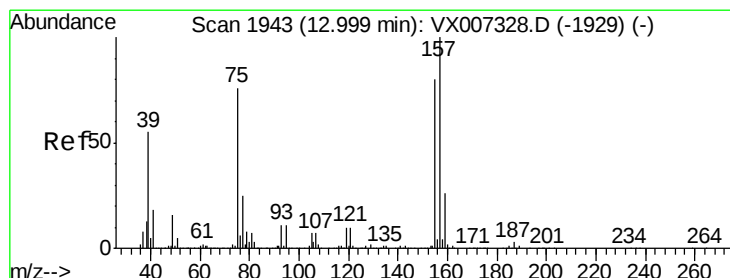
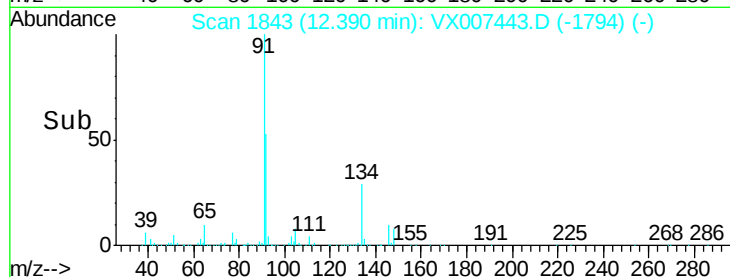
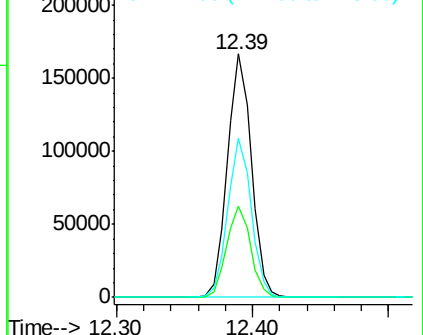
148 64.1 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.832 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX007443.D

Acq: 08 Feb 2019 15:42

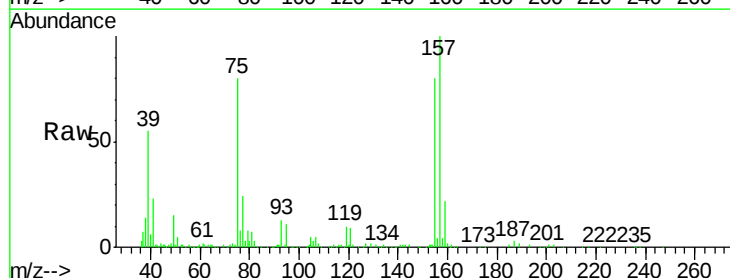
Tgt Ion: 75 Resp: 28229

Ion Ratio Lower Upper

75 100

155 98.2 49.6 149.0

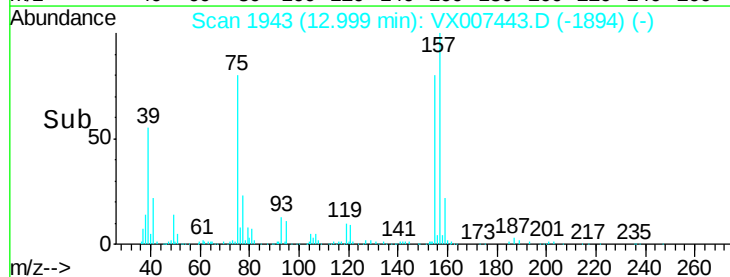
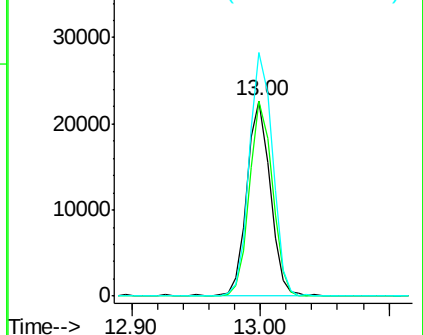
157 124.2 65.1 195.3

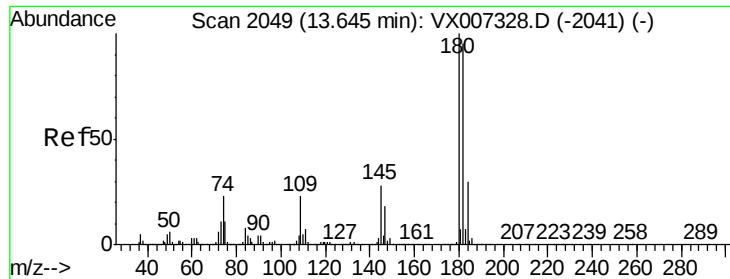


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

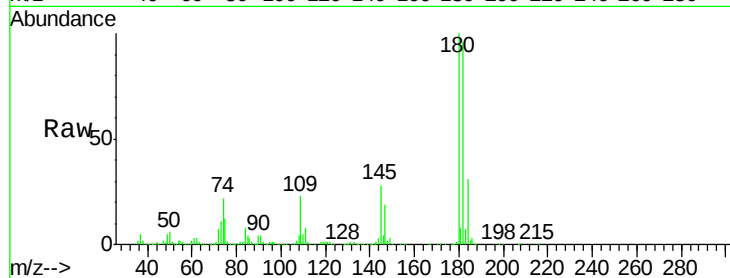




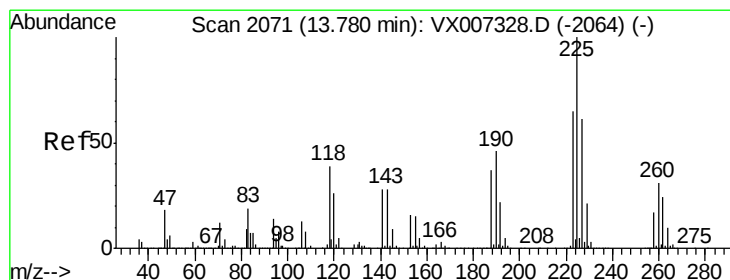
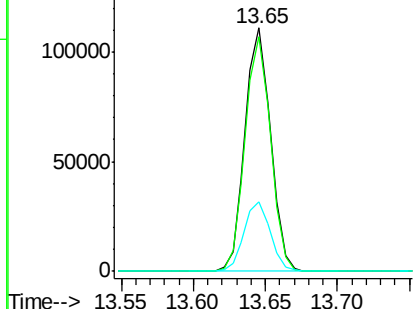
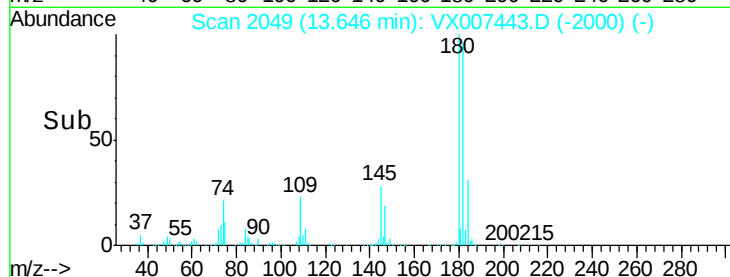
#93
 1,2,4-Trichlorobenzene
 Concen: 18.823 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007443.D
 Acq: 08 Feb 2019 15:42

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.8	143.3
145	29.4	14.1	42.2

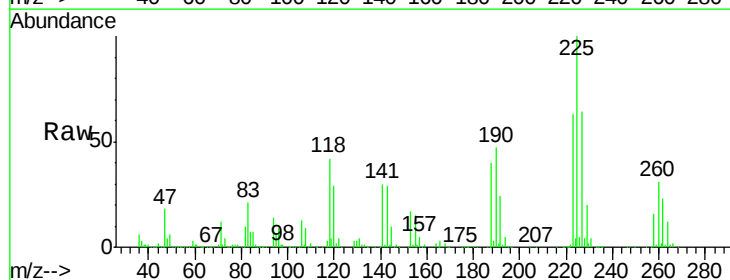


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

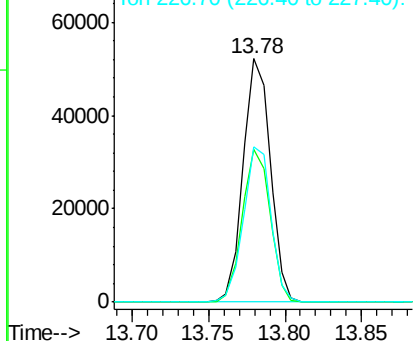
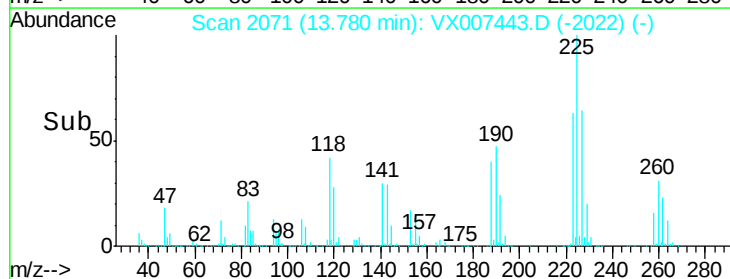


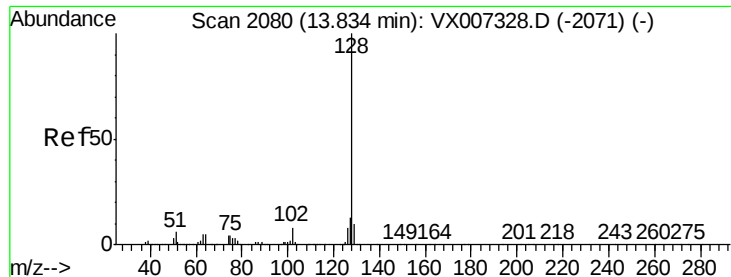
#94
 Hexachlorobutadiene
 Concen: 18.371 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007443.D
 Acq: 08 Feb 2019 15:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.6	94.8
227	64.2	32.1	96.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

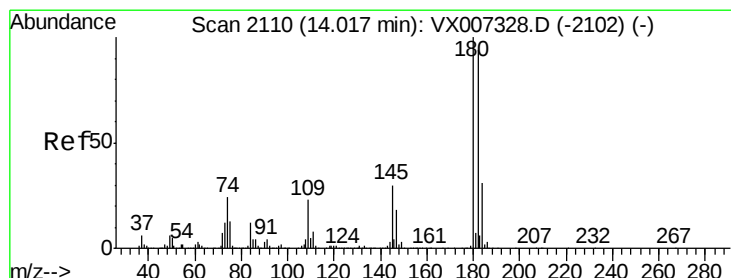
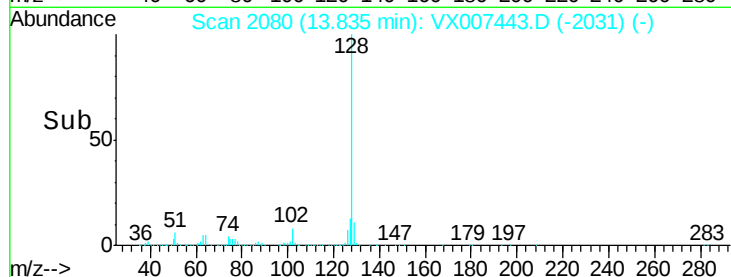
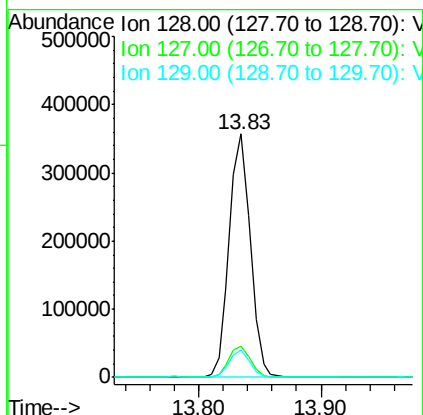
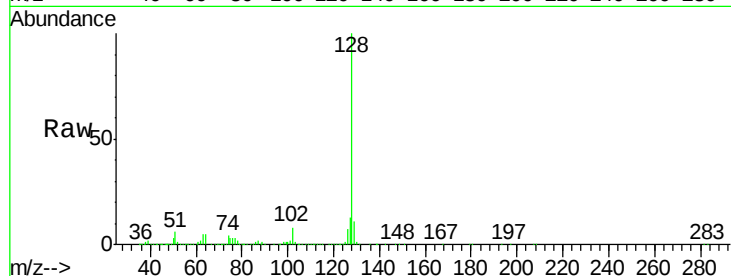




#95
Naphthalene
Concen: 20.132 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007443.D
Acq: 08 Feb 2019 15:42

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 427247
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.556 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX007443.D
Acq: 08 Feb 2019 15:42

Tgt Ion:180 Resp: 135551
Ion Ratio Lower Upper
180 100
182 97.7 47.5 142.6
145 31.9 14.9 44.5

