

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021519\
 Data File : VX007558.D
 Acq On : 14 Feb 2019 20:48
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 15 02:48:28 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	473426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	708411	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	657572	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	344432	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	250932	49.94	ug/l	0.00
Spiked Amount			Recovery	=	99.88%	
35) Dibromofluoromethane	5.50	113	224447	48.69	ug/l	0.00
Spiked Amount			Recovery	=	97.38%	
50) Toluene-d8	8.71	98	824643	48.22	ug/l	0.00
Spiked Amount			Recovery	=	96.44%	
62) 4-Bromofluorobenzene	11.13	95	308680	49.44	ug/l	0.00
Spiked Amount			Recovery	=	98.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	278936	47.954	ug/l	99
3) Chloromethane	1.33	50	266109	49.904	ug/l	99
4) Vinyl Chloride	1.41	62	287051	54.872	ug/l	99
5) Bromomethane	1.64	94	153173	29.410	ug/l	98
6) Chloroethane	1.72	64	192058	56.753	ug/l	100
7) Trichlorofluoromethane	1.93	101	449805	54.964	ug/l	97
8) Diethyl Ether	2.19	74	169601	55.062	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	243064	49.933	ug/l	98
10) Methyl Iodide	2.51	142	245374	34.266	ug/l	99
11) Tert butyl alcohol	3.07	59	326020	313.501	ug/l	98
12) 1,1-Dichloroethene	2.38	96	228879	50.634	ug/l	99
13) Acrolein	2.30	56	122698	251.609	ug/l	96
14) Allyl chloride	2.73	41	420656	57.114	ug/l	98
15) Acrylonitrile	3.15	53	741890	288.383	ug/l	100
16) Acetone	2.45	43	679118	295.033	ug/l	98
17) Carbon Disulfide	2.57	76	549103	46.605	ug/l	99
18) Methyl Acetate	2.78	43	410999	68.309	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	828069	56.545	ug/l	100
20) Methylene Chloride	2.86	84	256030	54.490	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	236919	49.202	ug/l	96
22) Diisopropyl ether	3.87	45	714063	52.707	ug/l	95
23) Vinyl Acetate	3.82	43	2981427	265.198	ug/l	100
24) 1,1-Dichloroethane	3.70	63	383951	49.350	ug/l	99
25) 2-Butanone	4.70	43	883872	269.819	ug/l	97
26) 2,2-Dichloropropane	4.59	77	265281	44.773	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	245732	46.722	ug/l	98
28) Bromochloromethane	5.02	49	173784	48.572	ug/l	95
29) Tetrahydrofuran	5.15	42	573267	278.252	ug/l	99
30) Chloroform	5.21	83	407654	50.213	ug/l	99
31) Cyclohexane	5.57	56	322202	46.110	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	348871	50.909	ug/l	99
36) 1,1-Dichloropropene	5.80	75	279707	44.006	ug/l	99
37) Ethyl Acetate	4.85	43	329167	51.230	ug/l	99
38) Carbon Tetrachloride	5.78	117	300928	48.801	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	336007	43.692	ug/l	99
40) Benzene	6.14	78	889164	47.490	ug/l	98
41) Methacrylonitrile	5.06	41	185279	53.803	ug/l	99
42) 1,2-Dichloroethane	6.20	62	311285	48.052	ug/l	100
43) Isopropyl Acetate	6.46	43	535461	53.991	ug/l	100
44) Trichloroethene	7.21	130	252313	44.744	ug/l	97
45) 1,2-Dichloropropane	7.51	63	229122	48.841	ug/l	100
46) Dibromomethane	7.66	93	161402	47.338	ug/l	98
47) Bromodichloromethane	7.90	83	289052	50.023	ug/l	98
48) Methyl methacrylate	7.77	41	273593	55.152	ug/l	98
49) 1,4-Dioxane	7.75	88	119370	1057.701	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1775174	271.902	ug/l	100
52) Toluene	8.79	92	573869	47.505	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	321831	51.851	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	348809	51.102	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	244545	48.564	ug/l	98
56) Ethyl methacrylate	9.18	69	369864	53.033	ug/l	99
57) 1,3-Dichloropropane	9.37	76	387499	48.390	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	957050	260.352	ug/l	100
59) 2-Hexanone	9.49	43	1351668	266.053	ug/l	100
60) Dibromochloromethane	9.58	129	257794	54.131	ug/l	99
61) 1,2-Dibromoethane	9.67	107	262066	49.144	ug/l	99
64) Tetrachloroethene	9.34	164	254259	41.024	ug/l	99
65) Chlorobenzene	10.14	112	660312	46.016	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	246135	51.161	ug/l	99
67) Ethyl Benzene	10.25	91	1156098	50.030	ug/l	100
68) m/p-Xylenes	10.36	106	871005	94.821	ug/l	97
69) o-Xylene	10.70	106	430326	48.685	ug/l	96
70) Styrene	10.71	104	702615	49.015	ug/l	98
71) Bromoform	10.86	173	197679	47.102	ug/l #	99
73) Isopropylbenzene	11.02	105	1174844	50.194	ug/l	100
74) N-amyl acetate	10.90	43	494226	54.591	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	371873	52.133	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	417063	62.252	ug/l	80
77) Bromobenzene	11.26	156	310912	47.145	ug/l	97
78) n-propylbenzene	11.36	91	1322371	51.522	ug/l	98
79) 2-Chlorotoluene	11.42	91	764027	49.059	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	968915	50.599	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	100912	46.848	ug/l	98
82) 4-Chlorotoluene	11.51	91	900812	49.988	ug/l	98
83) tert-Butylbenzene	11.77	119	945978	49.897	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	998212	51.347	ug/l	98
85) sec-Butylbenzene	11.94	105	1154659	50.321	ug/l	100
86) p-Isopropyltoluene	12.06	119	1034580	49.948	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	551789	46.622	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	550418	45.839	ug/l	100
89) n-Butylbenzene	12.38	91	881808	49.489	ug/l	100
90) Hexachloroethane	12.60	117	166817	53.812	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	547567	46.489	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	80745	54.439	ug/l	96

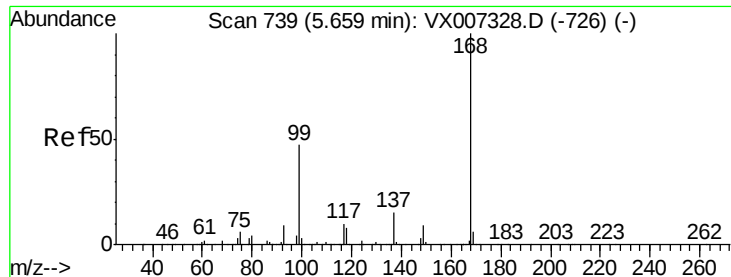
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	370786	46.679	ug/l	100
94) Hexachlorobutadiene	13.78	225	179134	46.443	ug/l	99
95) Naphthalene	13.83	128	1189202	51.195	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	368353	46.069	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007558.D

Acq: 14 Feb 2019 20:48

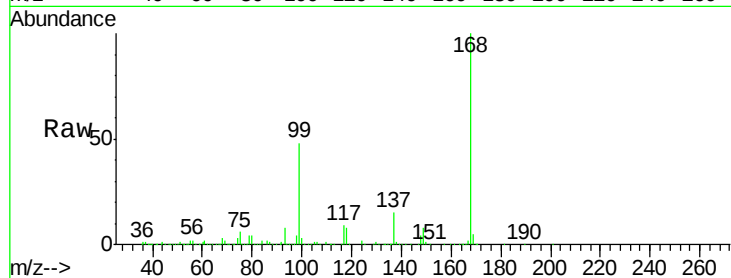
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 473426

Ion Ratio Lower Upper

168 100

99 47.4 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

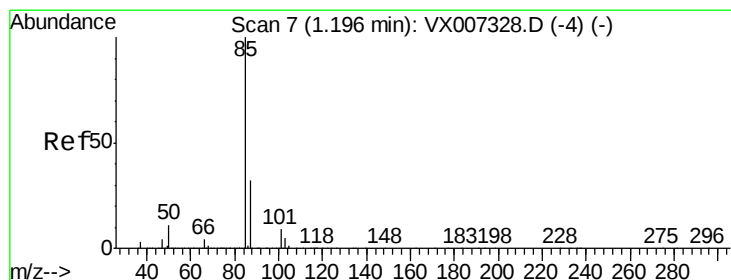
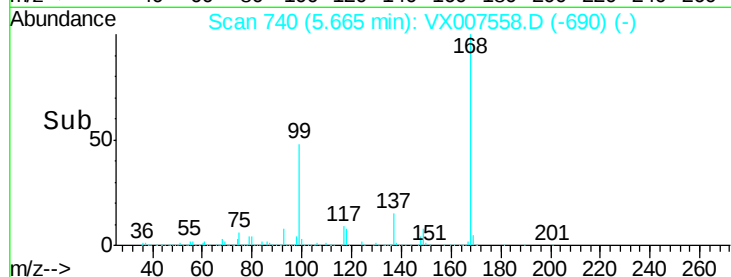
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.954 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007558.D

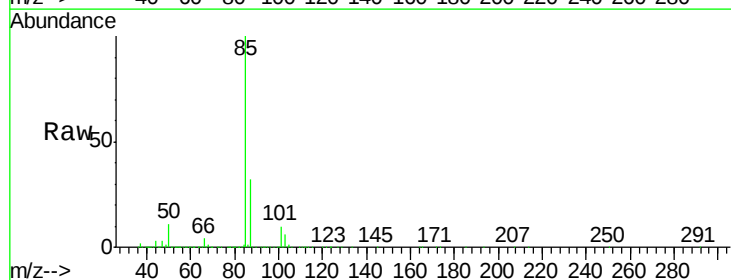
Acq: 14 Feb 2019 20:48

Tgt Ion: 85 Resp: 278936

Ion Ratio Lower Upper

85 100

87 32.2 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

250000

200000

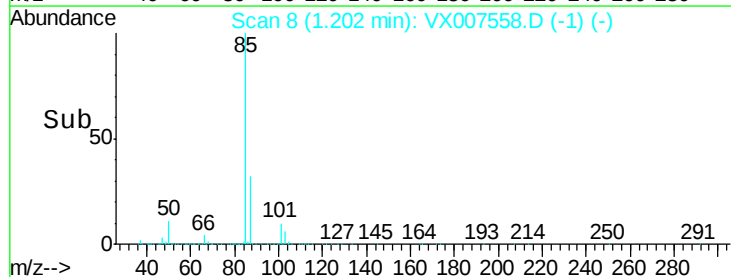
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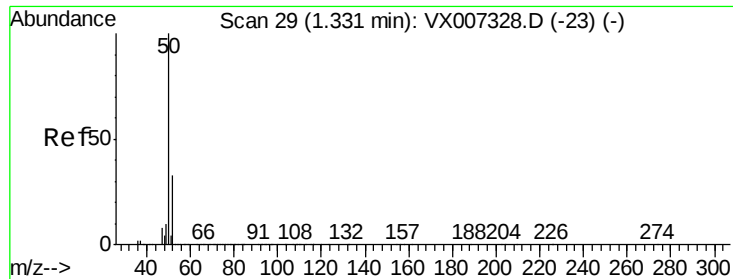
100000

50000

0

Time-->





#3

Chloromethane

Concen: 49.904 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007558.D

Acq: 14 Feb 2019 20:48

Instrument :

MSVOA_X

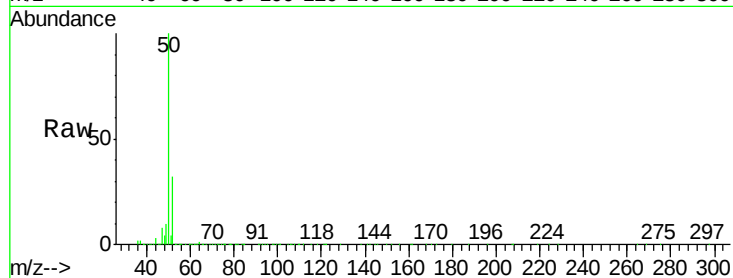
ClientSampleId :

Tot Ion: 50 Resp: 266109

Ion Ratio Lower Upper

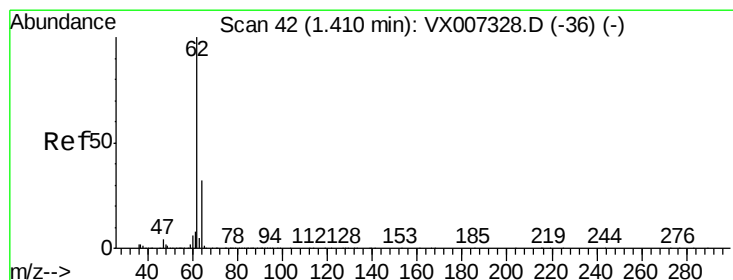
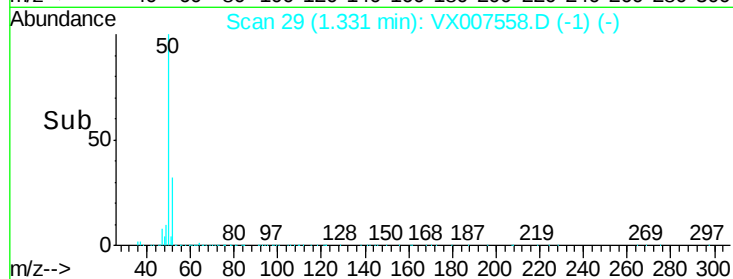
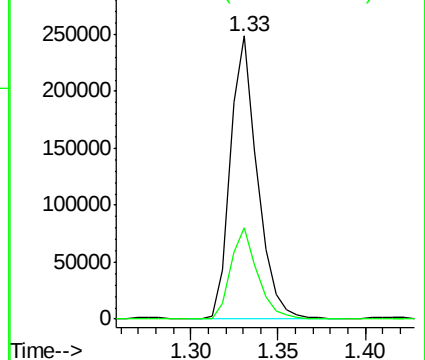
50 100

52 32.2 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 54.872 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007558.D

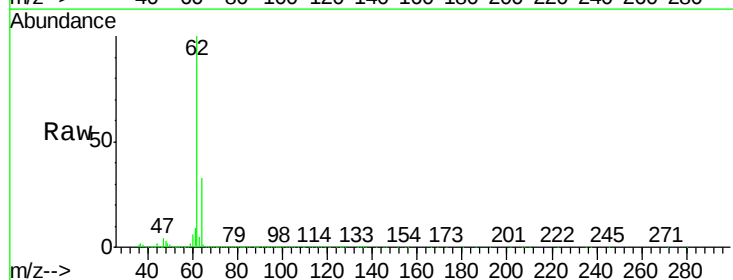
Acq: 14 Feb 2019 20:48

Tgt Ion: 62 Resp: 287051

Ion Ratio Lower Upper

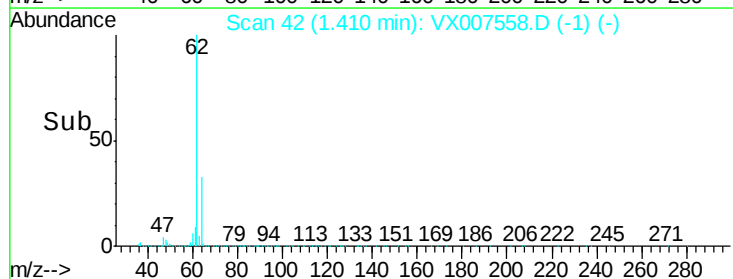
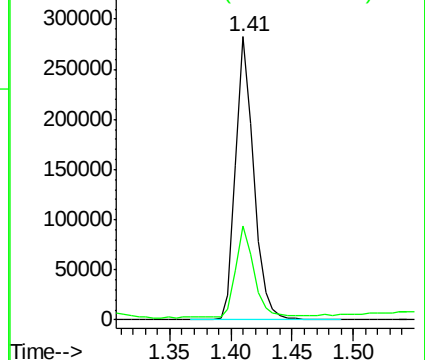
62 100

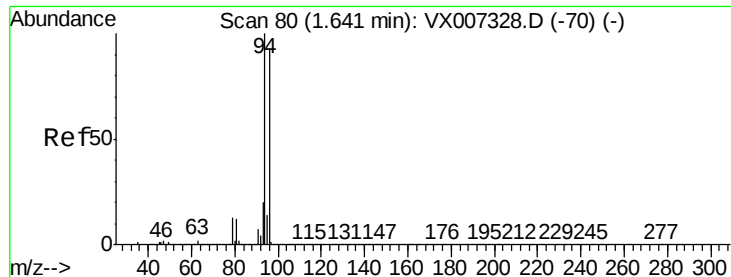
64 32.3 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 29.410 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007558.D

Acq: 14 Feb 2019 20:48

Instrument :

MSVOA_X

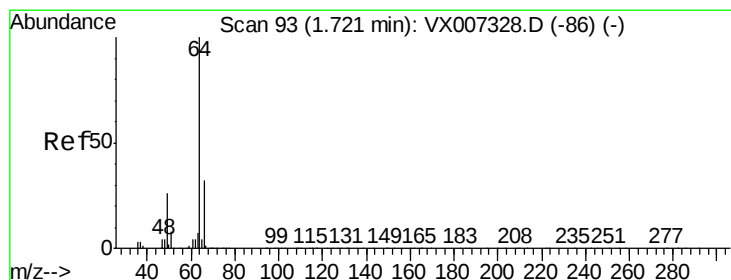
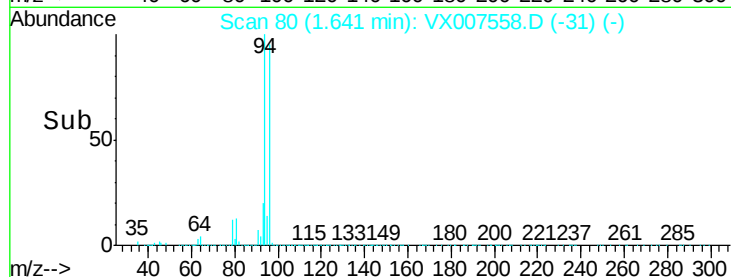
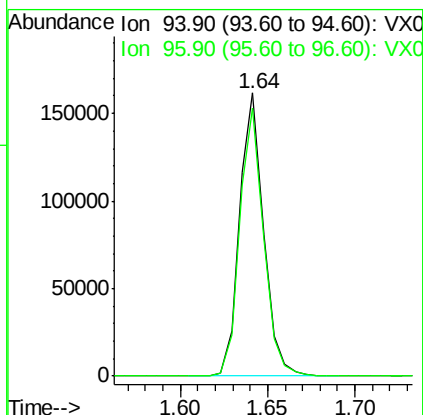
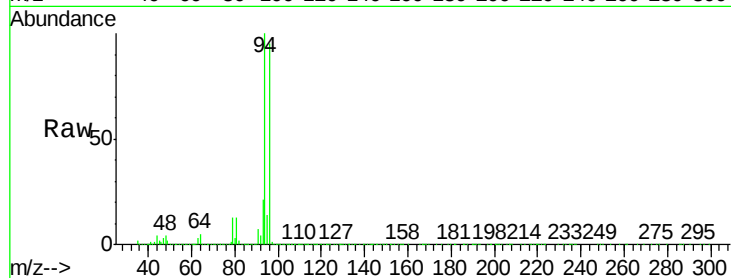
ClientSampleId :

Tot Ion: 94 Resp: 153173

Ion Ratio Lower Upper

94 100

96 94.7 73.9 110.9



#6

Chloroethane

Concen: 56.753 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX007558.D

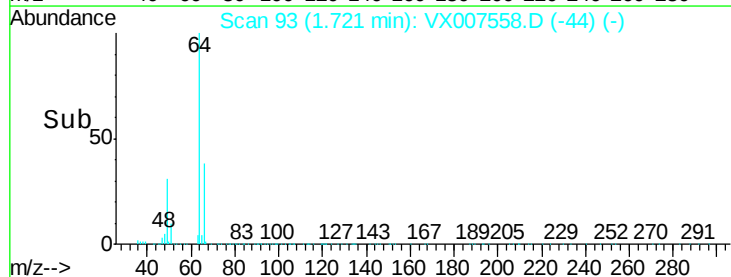
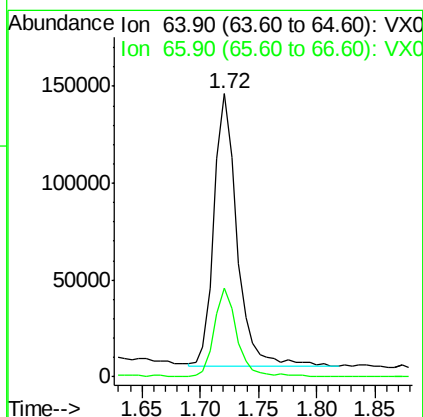
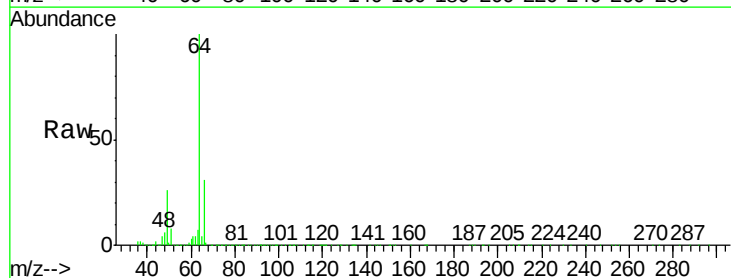
Acq: 14 Feb 2019 20:48

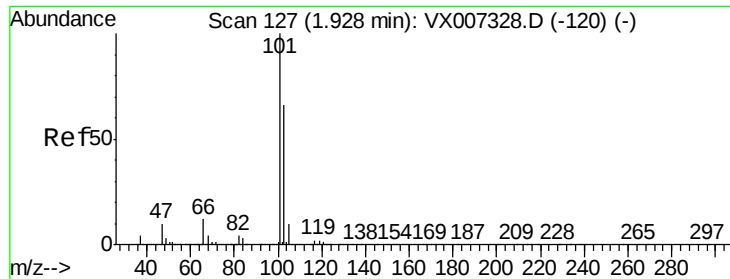
Tgt Ion: 64 Resp: 192058

Ion Ratio Lower Upper

64 100

66 32.2 25.5 38.3



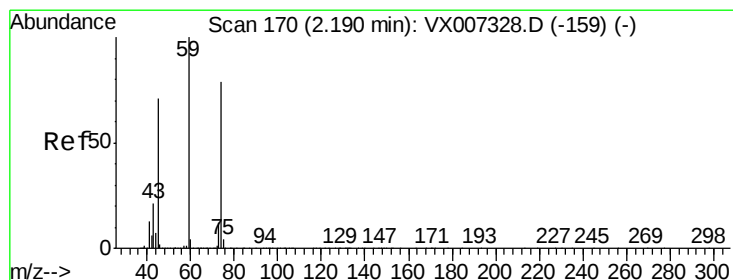
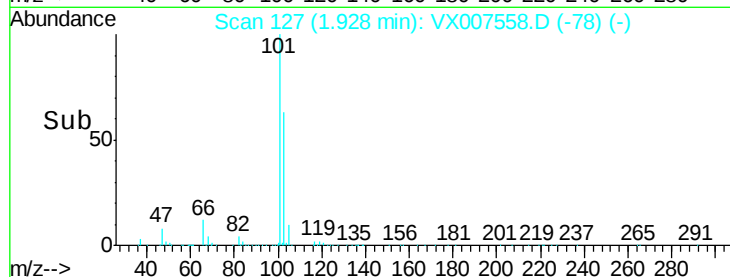
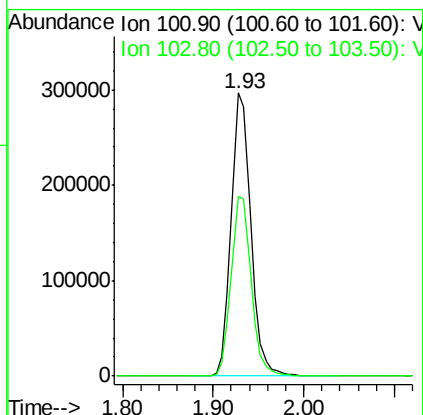
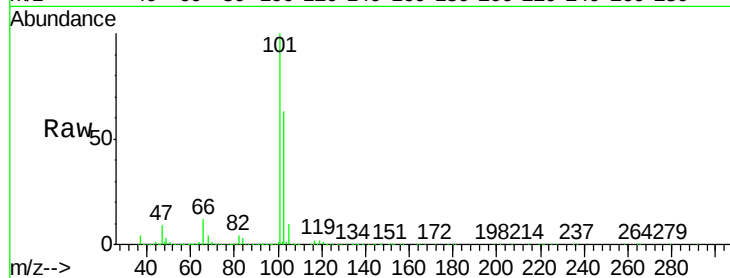


#7

Trichlorofluoromethane
Concen: 54.964 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007558.D
Acq: 14 Feb 2019 20:48

Instrument :
MSVOA_X
ClientSampleId :

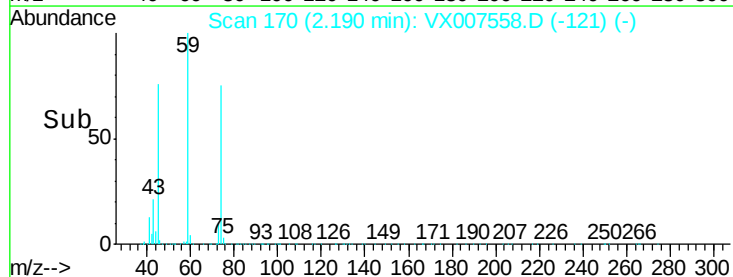
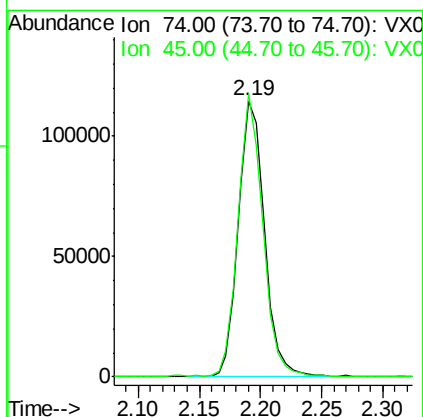
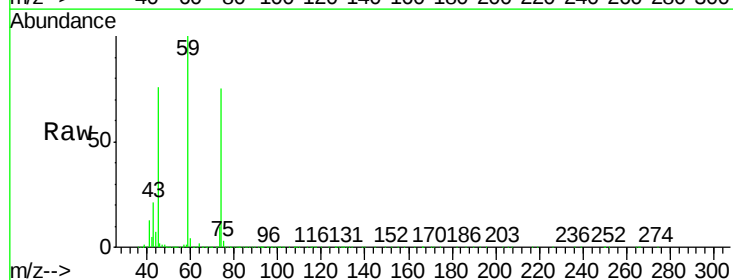
Tot Ion:101 Resp: 449805
Ion Ratio Lower Upper
101 100
103 63.4 52.6 79.0

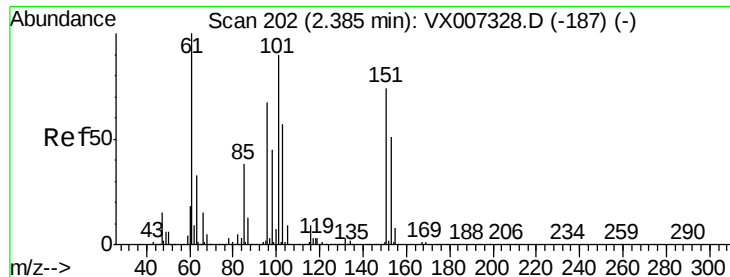


#8

Diethyl Ether
Concen: 55.062 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007558.D
Acq: 14 Feb 2019 20:48

Tgt Ion: 74 Resp: 169601
Ion Ratio Lower Upper
74 100
45 96.7 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.933 ug/l

RT: 2.39 min Scan# 202

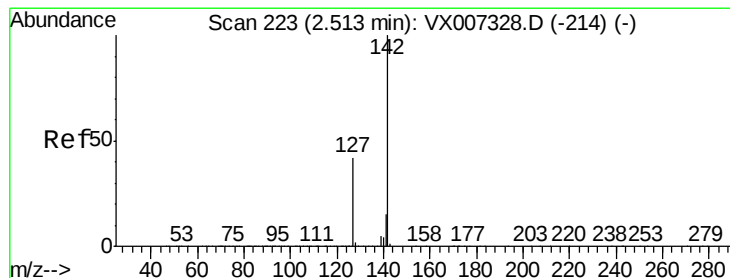
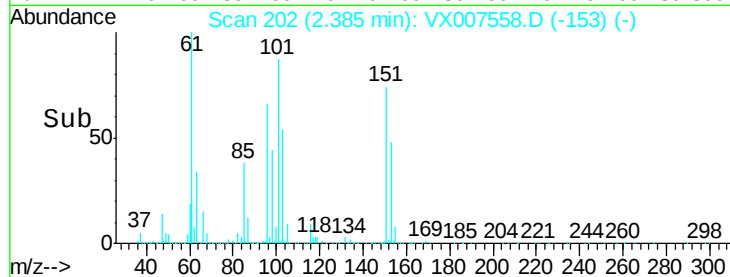
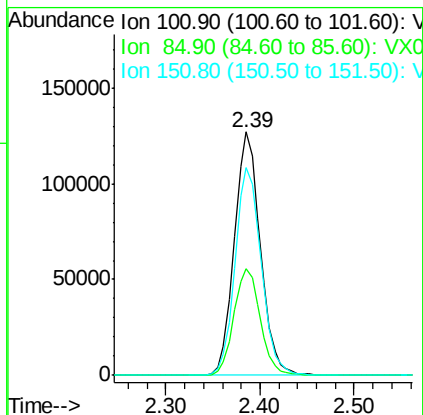
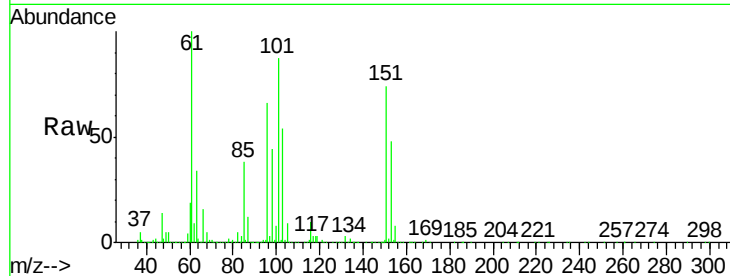
Delta R.T. -0.00 min

Lab File: VX007558.D

Acq: 14 Feb 2019 20:48

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	101	Resp:	243064
Ion	Ratio	Lower	Upper
101	100		
85	44.7	34.1	51.1
151	86.1	69.9	104.9



#10

Methyl Iodide

Concen: 34.266 ug/l

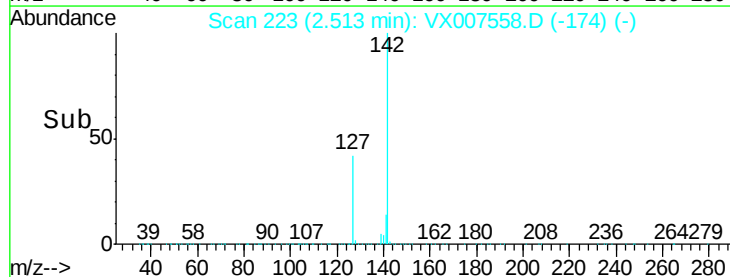
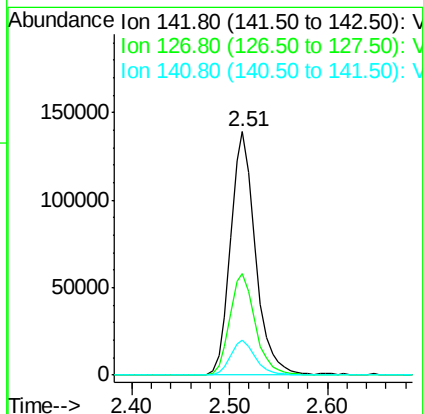
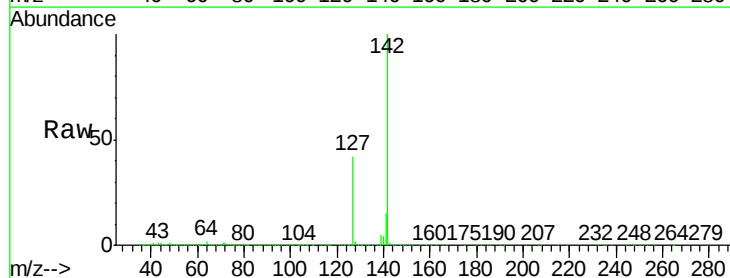
RT: 2.51 min Scan# 223

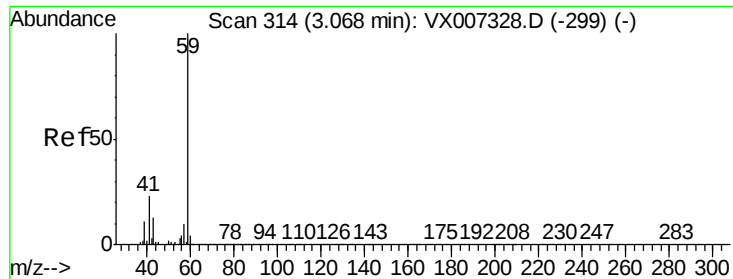
Delta R.T. -0.00 min

Lab File: VX007558.D

Acq: 14 Feb 2019 20:48

Tgt Ion:	142	Resp:	245374
Ion	Ratio	Lower	Upper
142	100		
127	43.1	33.7	50.5
141	14.2	11.3	16.9

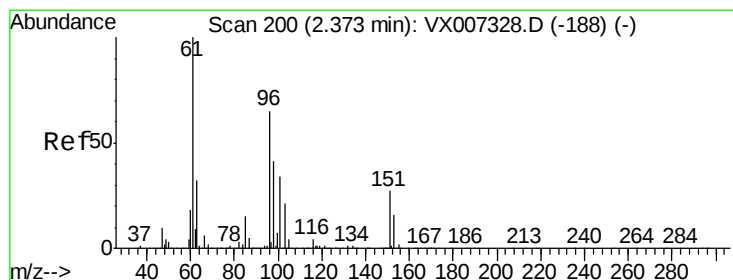
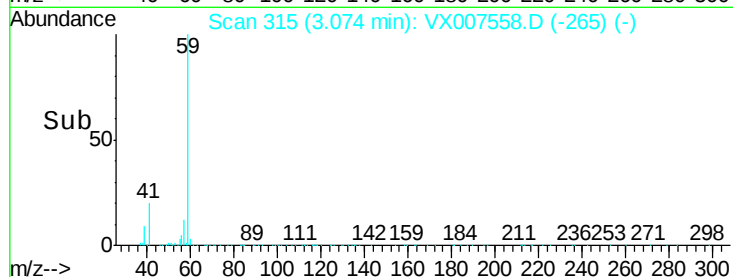
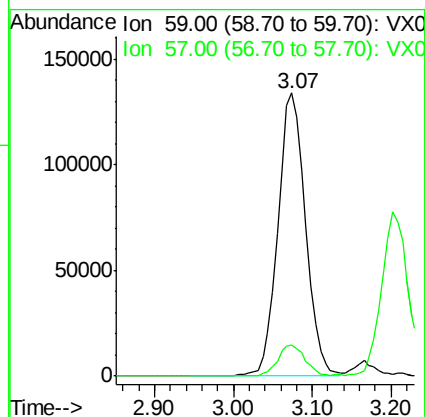
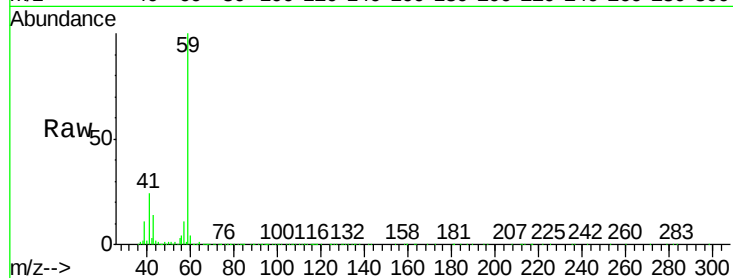




#11
Tert butyl alcohol
Concen: 313.501 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.01 min
Lab File: VX007558.D
Acq: 14 Feb 2019 20:48

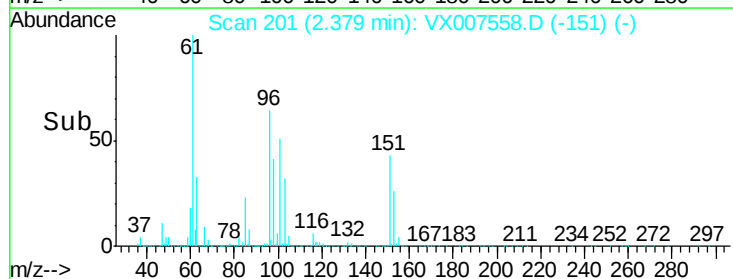
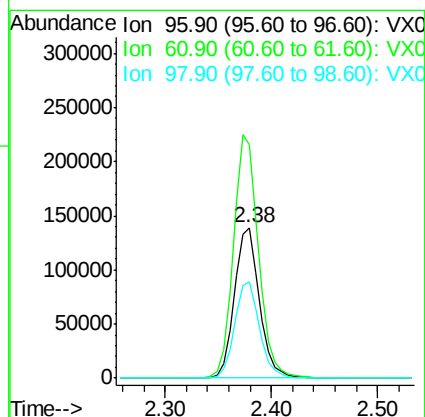
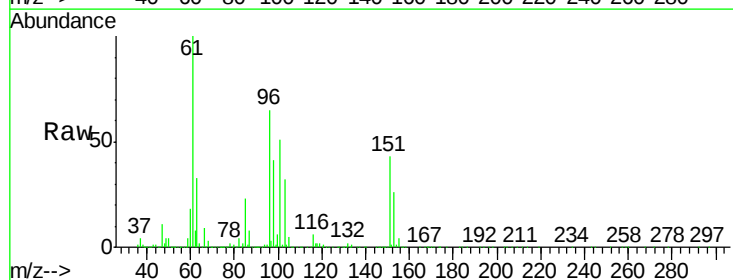
Instrument :
MSVOA_X
ClientSampleId :

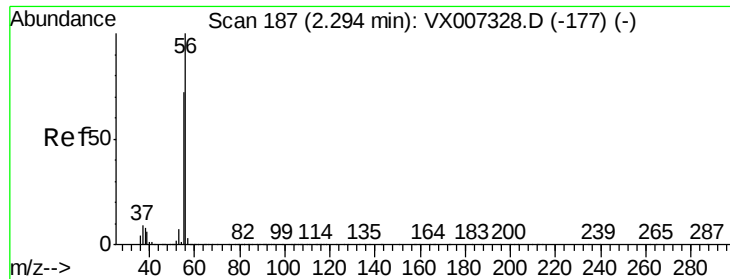
Tot Ion: 59 Resp: 326020
Ion Ratio Lower Upper
59 100
57 10.7 8.1 12.1



#12
1,1-Dichloroethene
Concen: 50.634 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007558.D
Acq: 14 Feb 2019 20:48

Tgt Ion: 96 Resp: 228879
Ion Ratio Lower Upper
96 100
61 154.9 123.0 184.4
98 64.0 50.9 76.3





#13

Acrolein

Concen: 251.609 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX007558.D

Acq: 14 Feb 2019 20:48

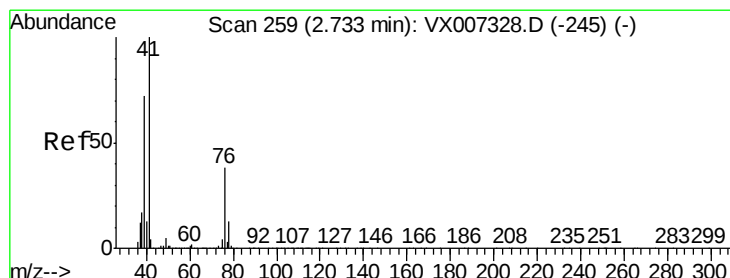
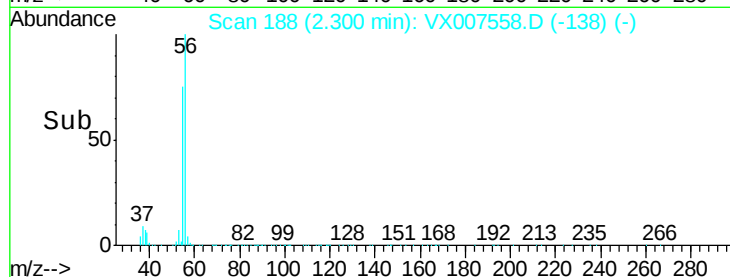
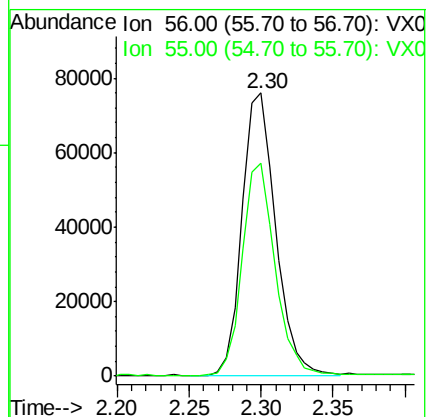
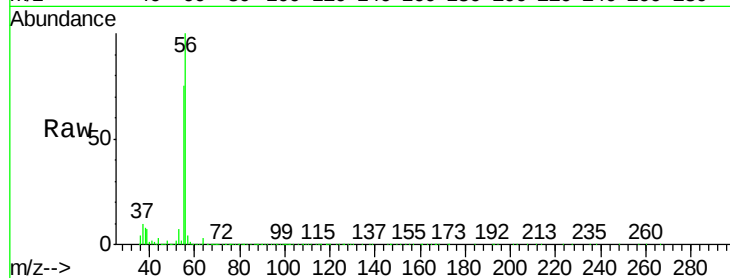
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 122698

Ion Ratio Lower Upper

56 100

55 74.2 56.9 85.3



#14

Allyl chloride

Concen: 57.114 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007558.D

Acq: 14 Feb 2019 20:48

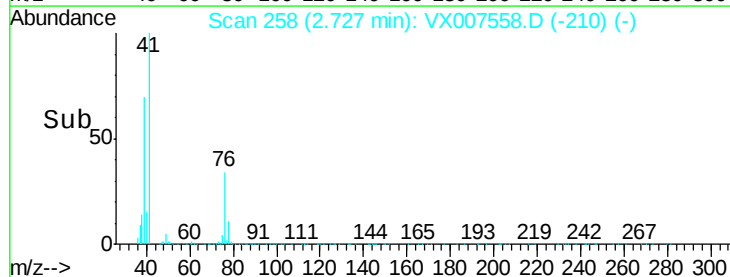
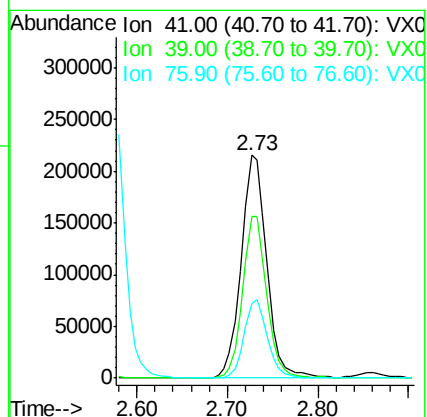
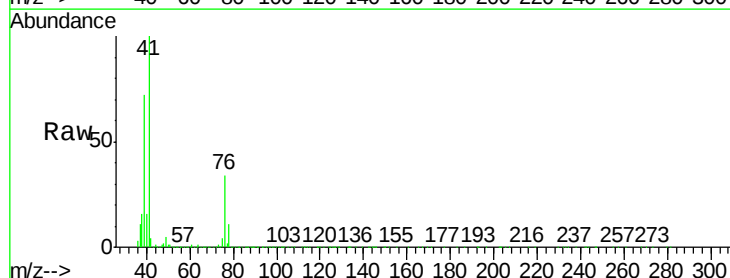
Tgt Ion: 41 Resp: 420656

Ion Ratio Lower Upper

41 100

39 67.6 54.1 81.1

76 32.1 27.8 41.8





#15

Acrylonitrile

Concen: 288.383 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

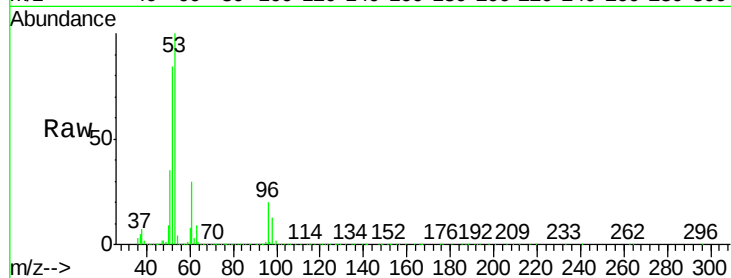
Lab File: VX007558.D

Acq: 14 Feb 2019 20:48

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 53 Resp: 741890

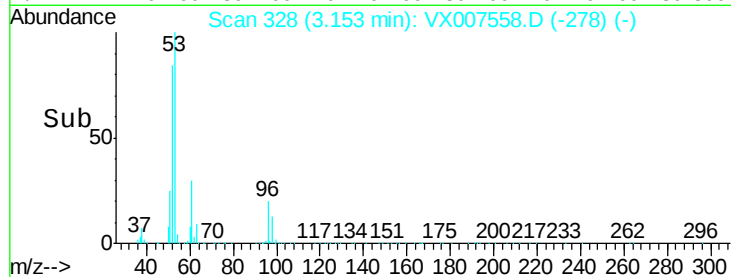
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.4	99.6
51	36.0	28.4	42.6



Abundance Ion 53.00 (52.70 to 53.70): VX007328.D (-318) (-)

Ion 52.00 (51.70 to 52.70): VX007328.D (-318) (-)

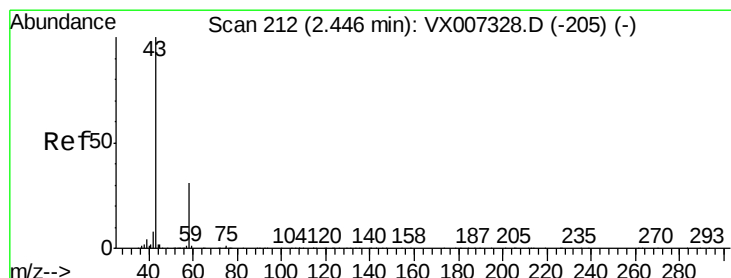
Ion 51.00 (50.70 to 51.70): VX007328.D (-318) (-)



Abundance Ion 53.00 (52.70 to 53.70): VX007558.D (-278) (-)

Ion 52.00 (51.70 to 52.70): VX007558.D (-278) (-)

Ion 51.00 (50.70 to 51.70): VX007558.D (-278) (-)



#16

Acetone

Concen: 295.033 ug/l

RT: 2.45 min Scan# 212

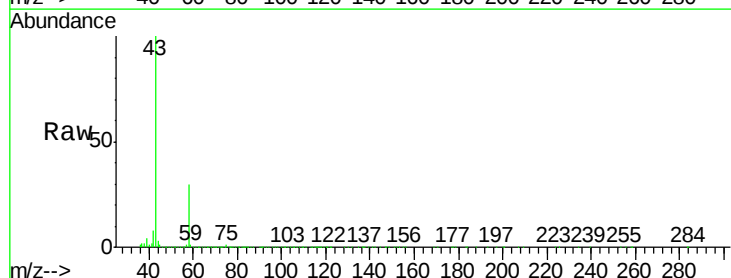
Delta R.T. -0.00 min

Lab File: VX007558.D

Acq: 14 Feb 2019 20:48

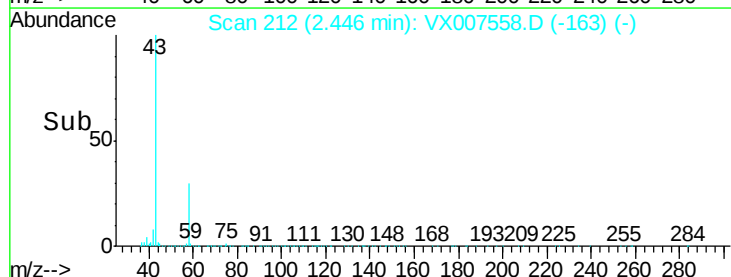
Tgt Ion: 43 Resp: 679118

Ion	Ratio	Lower	Upper
43	100		
58	30.1	24.9	37.3



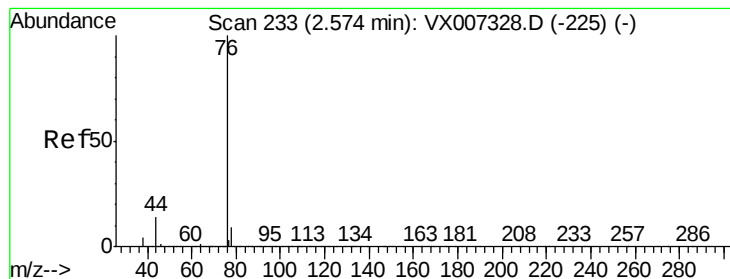
Abundance Ion 43.00 (42.70 to 43.70): VX007328.D (-205) (-)

Ion 58.00 (57.70 to 58.70): VX007328.D (-205) (-)



Abundance Ion 43.00 (42.70 to 43.70): VX007558.D (-163) (-)

Ion 58.00 (57.70 to 58.70): VX007558.D (-163) (-)



#17

Carbon Disulfide

Concen: 46.605 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007558.D

Acq: 14 Feb 2019 20:48

Instrument :

MSVOA_X

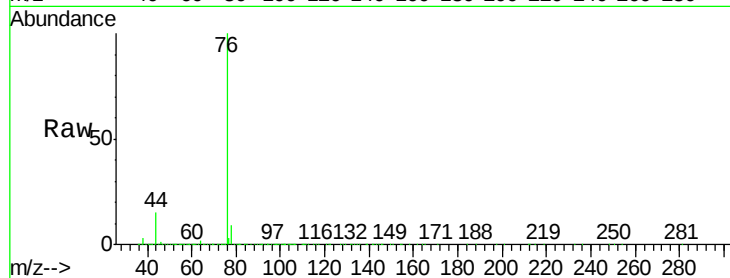
ClientSampleId :

Tot Ion: 76 Resp: 549103

Ion Ratio Lower Upper

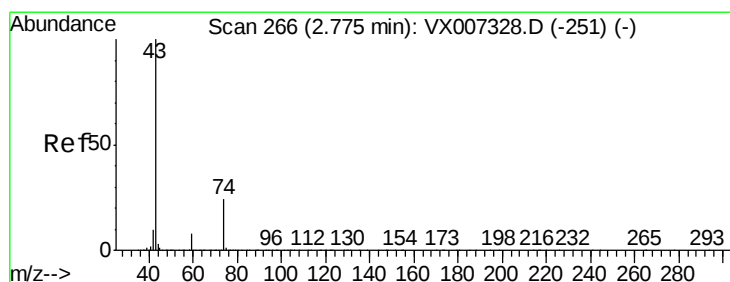
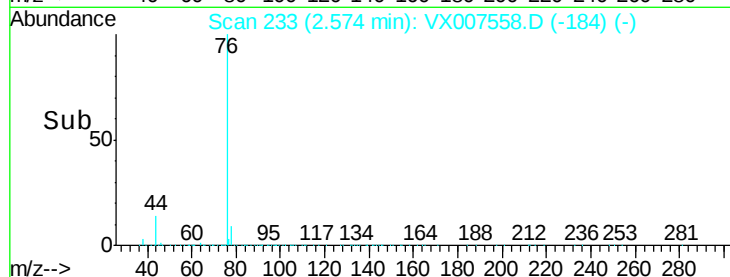
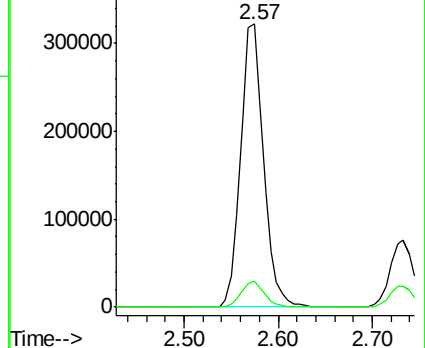
76 100

78 9.2 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 68.309 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX007558.D

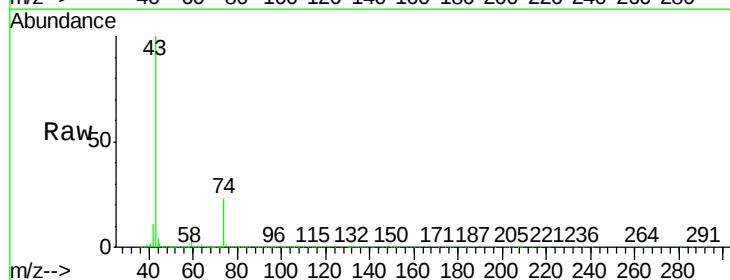
Acq: 14 Feb 2019 20:48

Tgt Ion: 43 Resp: 410999

Ion Ratio Lower Upper

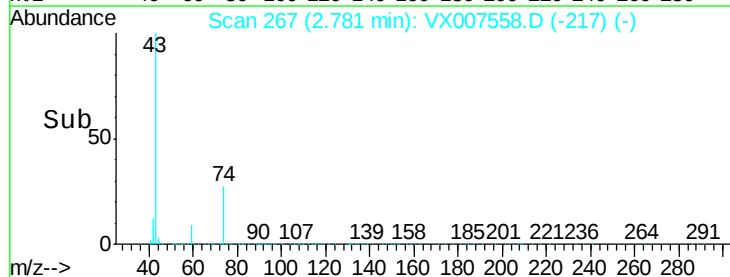
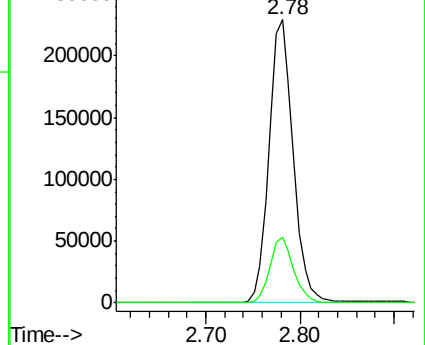
43 100

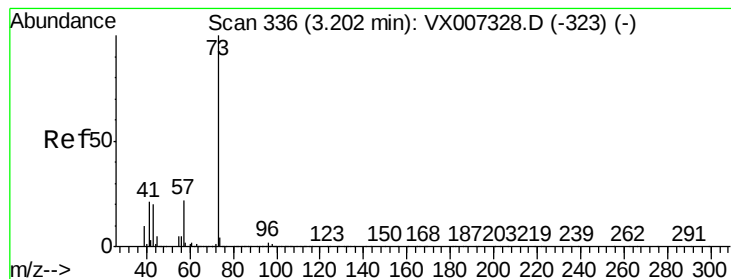
74 23.3 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



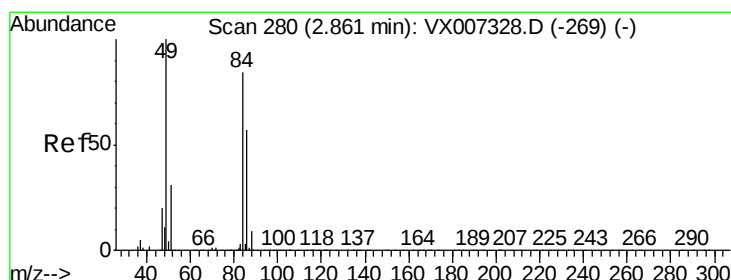
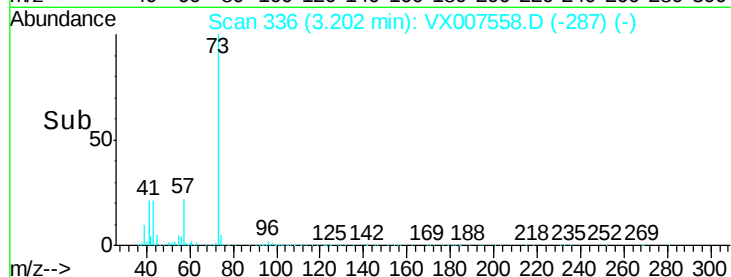
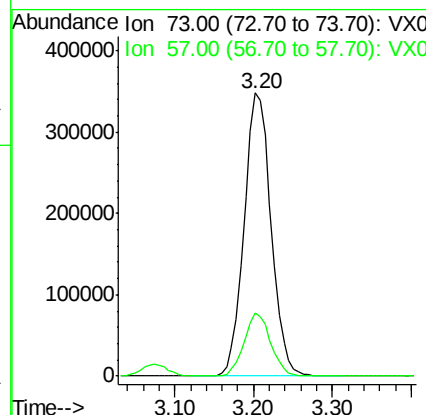
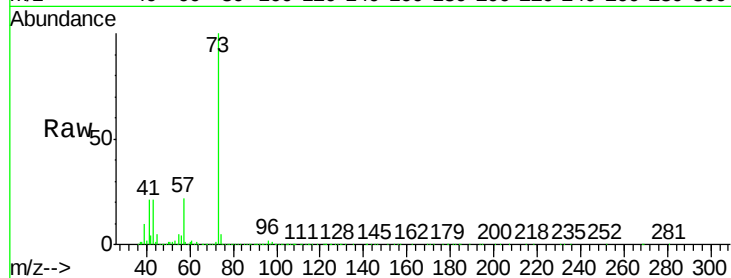


#19

Methyl tert-butyl Ether
 Concen: 56.545 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX007558.D
 Acq: 14 Feb 2019 20:48

Instrument :
 MSVOA_X
 ClientSampleId :

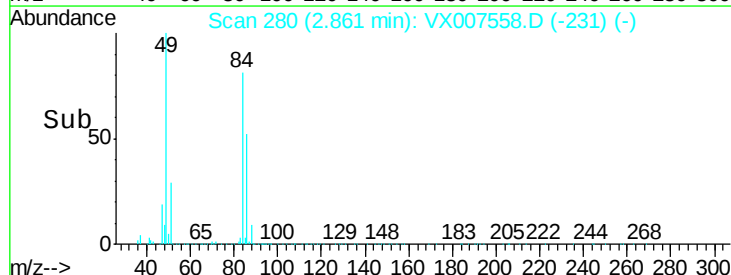
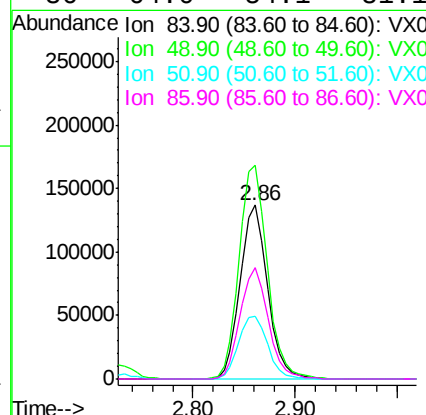
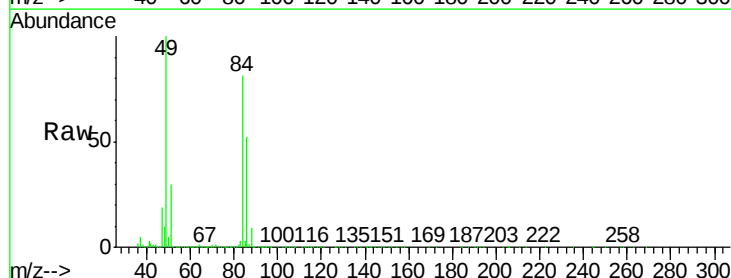
Tot Ion: 73 Resp: 828069
 Ion Ratio Lower Upper
 73 100
 57 22.3 17.8 26.8

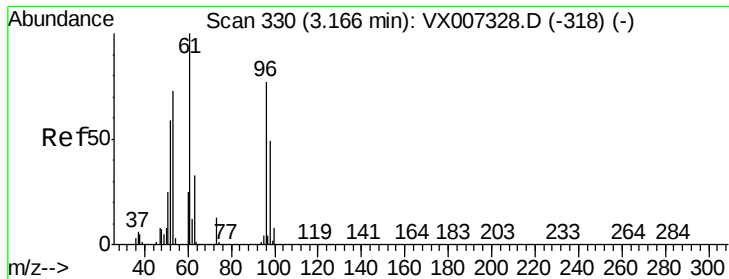


#20

Methylene Chloride
 Concen: 54.490 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX007558.D
 Acq: 14 Feb 2019 20:48

Tgt Ion: 84 Resp: 256030
 Ion Ratio Lower Upper
 84 100
 49 122.9 94.8 142.2
 51 36.1 29.8 44.8
 86 64.0 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 49.202 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007558.D

Acq: 14 Feb 2019 20:48

Instrument :
MSVOA_X
ClientSampleId :

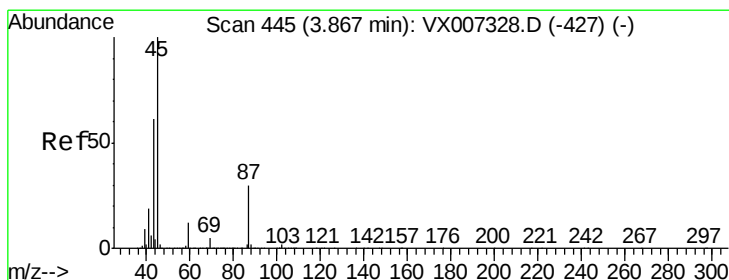
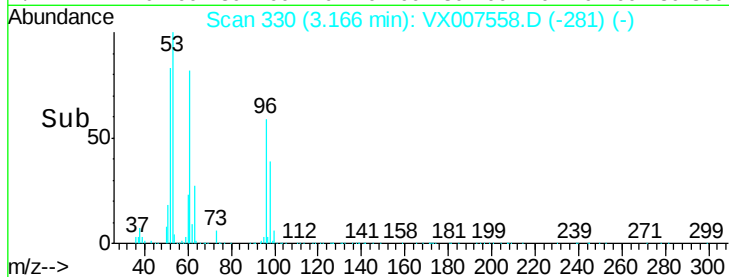
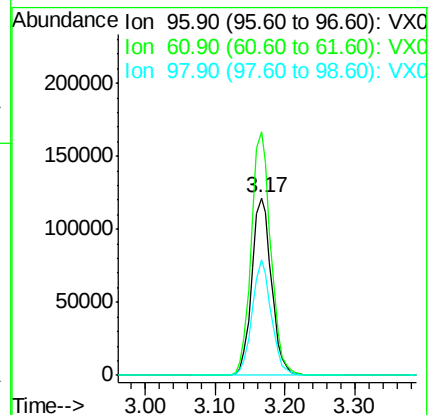
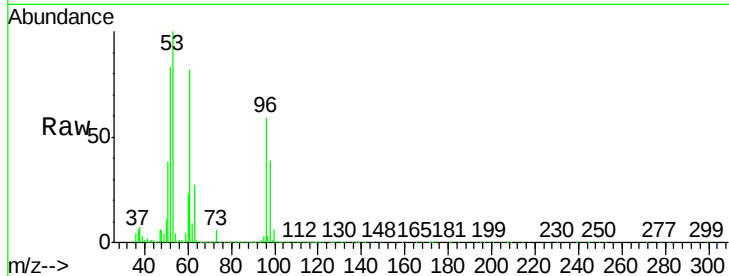
Tot Ion: 96 Resp: 236919

Ion Ratio Lower Upper

96 100

61 137.3 104.6 156.8

98 65.0 51.0 76.4



#22

Diisopropyl ether

Concen: 52.707 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX007558.D

Acq: 14 Feb 2019 20:48

Tgt Ion: 45 Resp: 714063

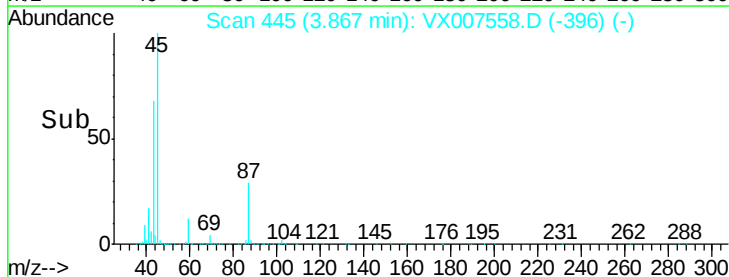
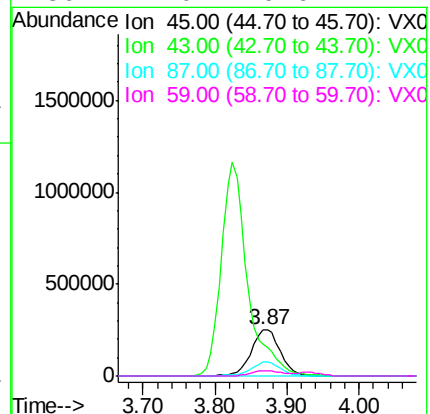
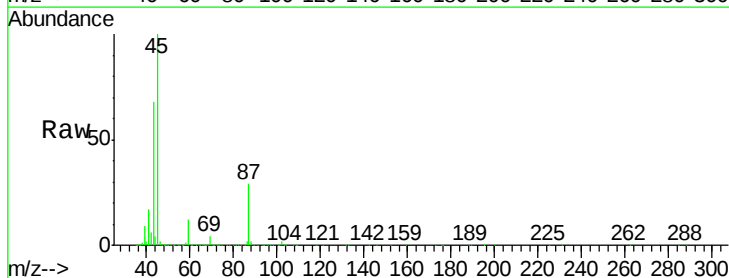
Ion Ratio Lower Upper

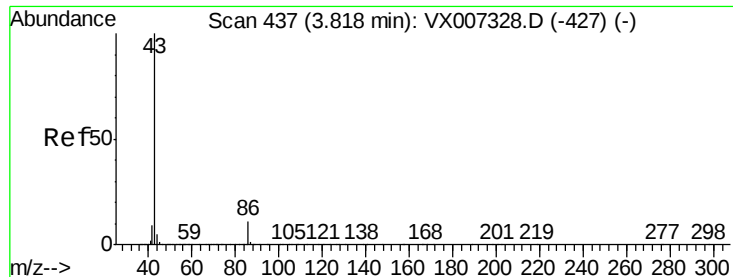
45 100

43 67.6 48.9 73.3

87 29.4 23.9 35.9

59 12.0 9.6 14.4





#23

Vinyl Acetate

Concen: 265.198 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007558.D

Acq: 14 Feb 2019 20:48

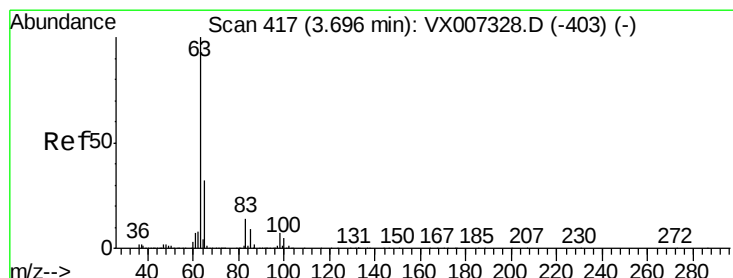
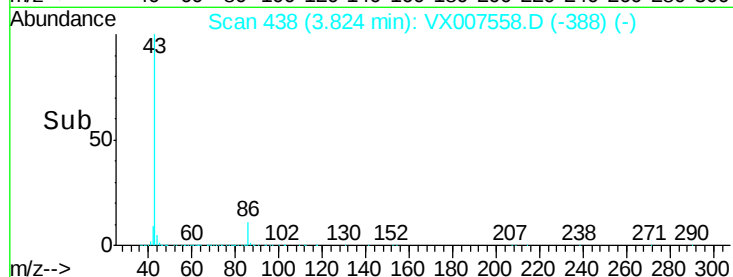
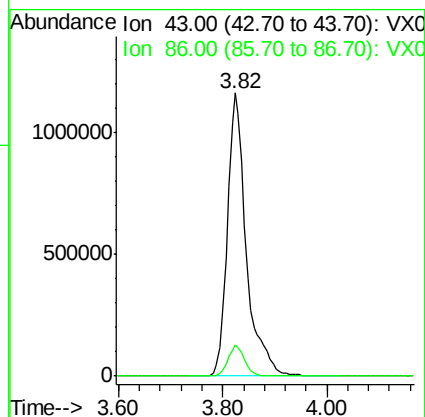
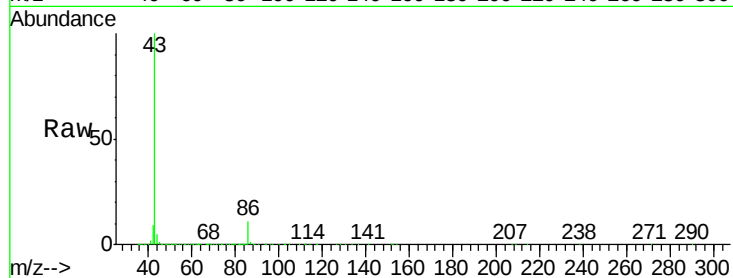
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 2981427

Ion Ratio Lower Upper

43 100

86 10.8 8.7 13.1



#24

1,1-Dichloroethane

Concen: 49.350 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007558.D

Acq: 14 Feb 2019 20:48

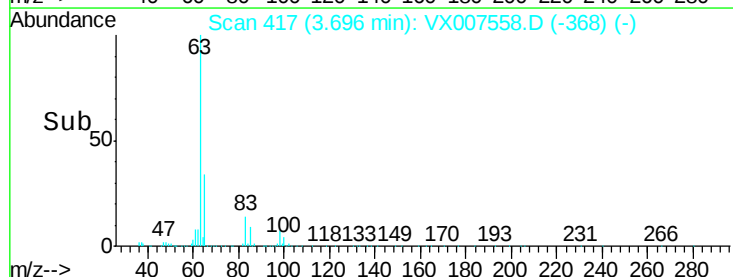
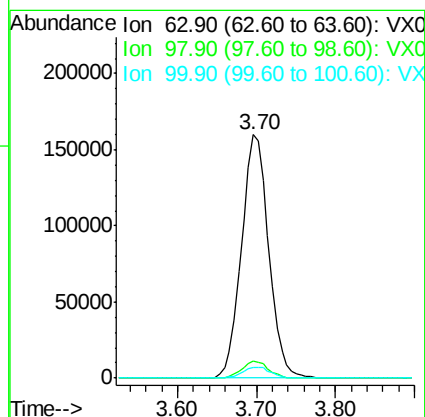
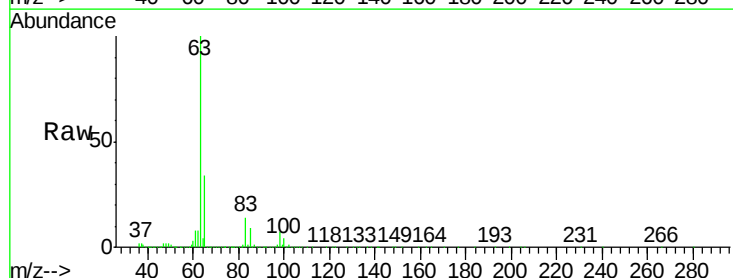
Tgt Ion: 63 Resp: 383951

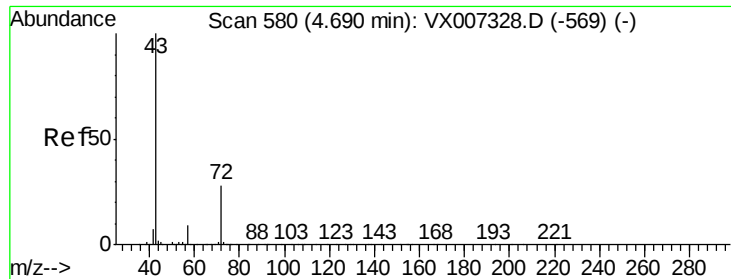
Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.8

100 4.3 2.5 7.4





#25

2-Butanone

Concen: 269.819 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX007558.D

Acq: 14 Feb 2019 20:48

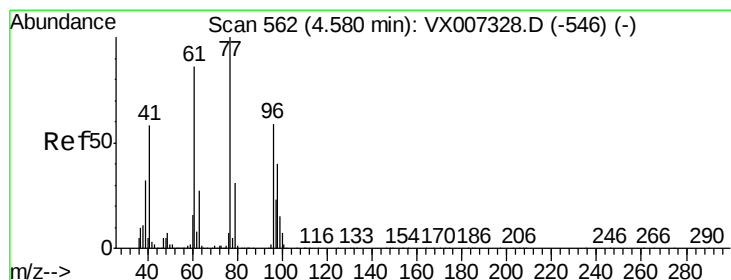
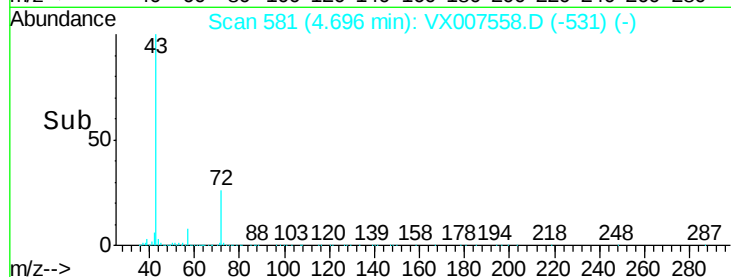
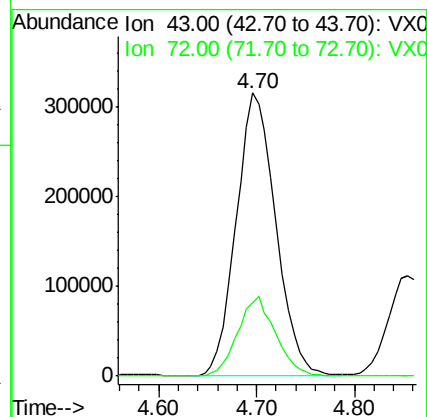
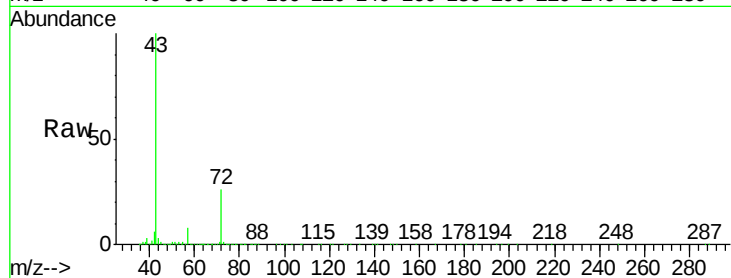
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 883872

Ion Ratio Lower Upper

43 100

72 25.9 22.2 33.2



#26

2,2-Dichloropropane

Concen: 44.773 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX007558.D

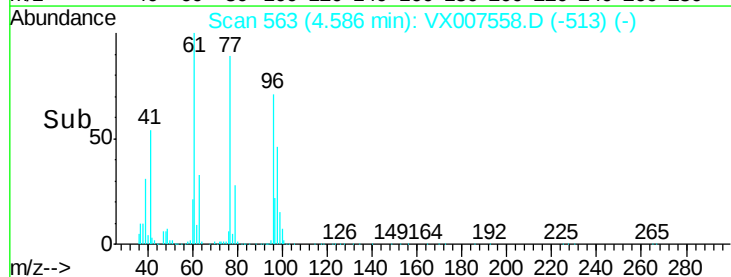
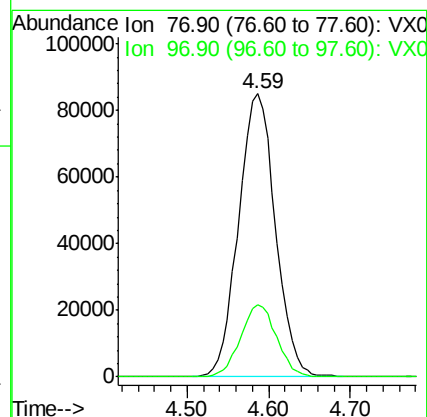
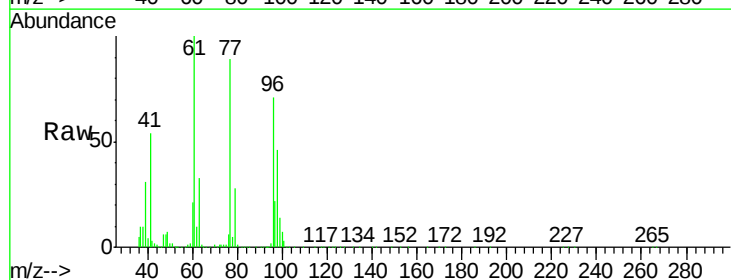
Acq: 14 Feb 2019 20:48

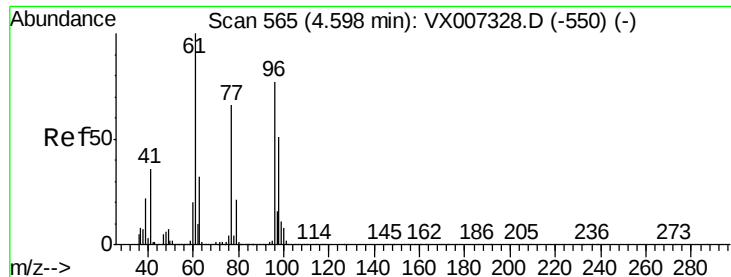
Tgt Ion: 77 Resp: 265281

Ion Ratio Lower Upper

77 100

97 25.2 12.1 36.3



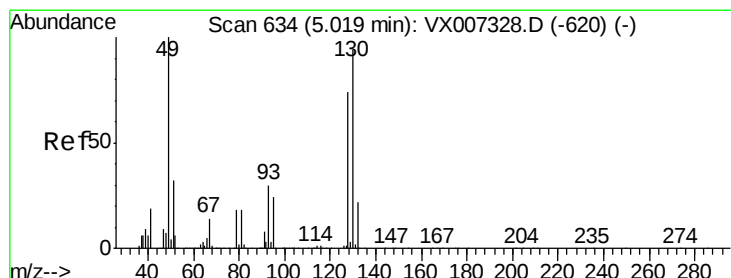
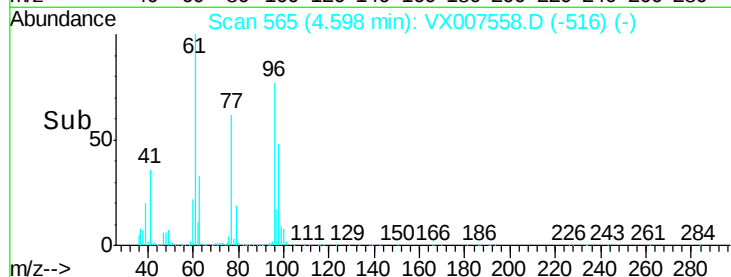
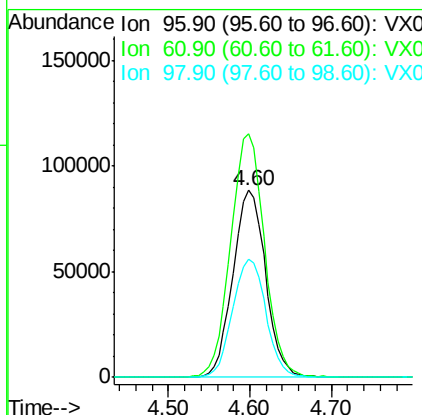
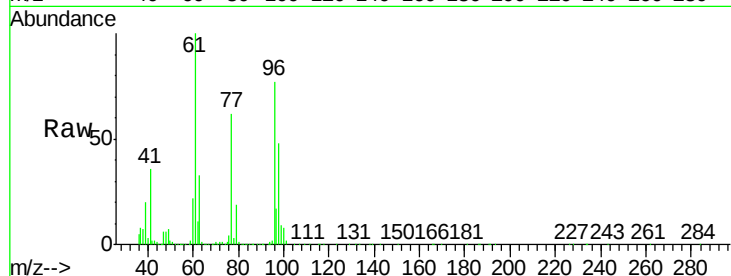


#27

cis-1,2-Dichloroethene
Concen: 46.722 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007558.D
Acq: 14 Feb 2019 20:48

Instrument :
MSVOA_X
ClientSampleId :

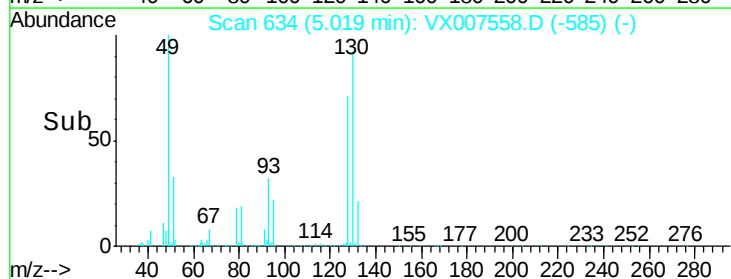
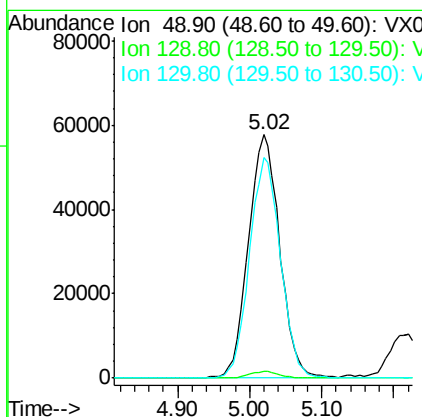
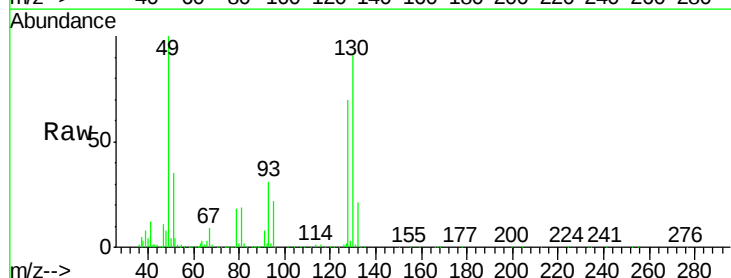
Tot Ion	Ratio	Lower	Upper
96	100		
61	134.9	0.0	265.6
98	64.8	0.0	131.6



#28

Bromochloromethane
Concen: 48.572 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007558.D
Acq: 14 Feb 2019 20:48

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.6
130	89.9	75.6	113.4

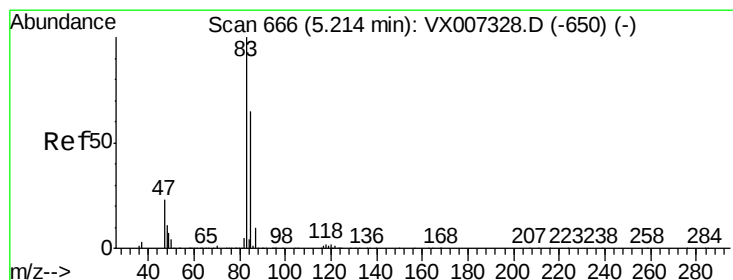
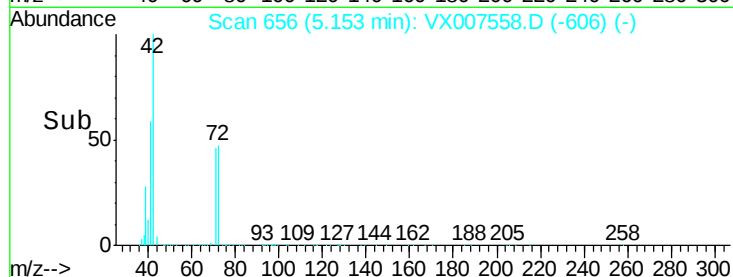
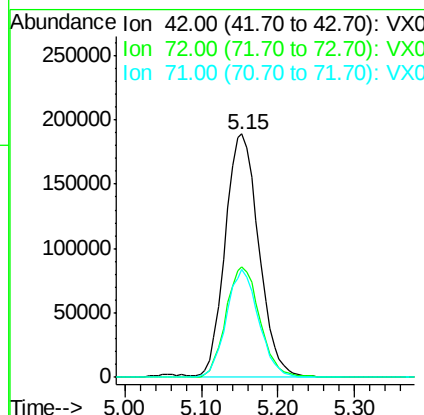
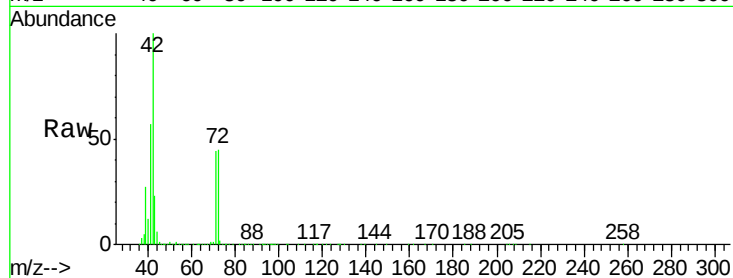




#29
Tetrahydrofuran
Concen: 278.252 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX007558.D
Acq: 14 Feb 2019 20:48

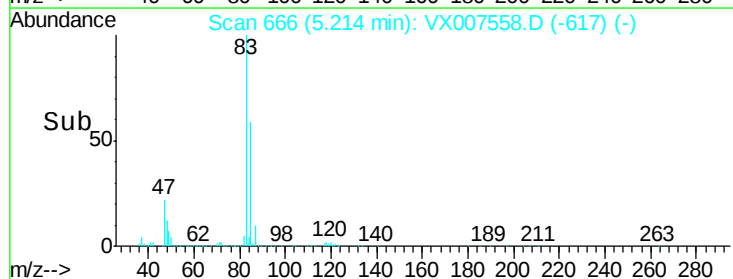
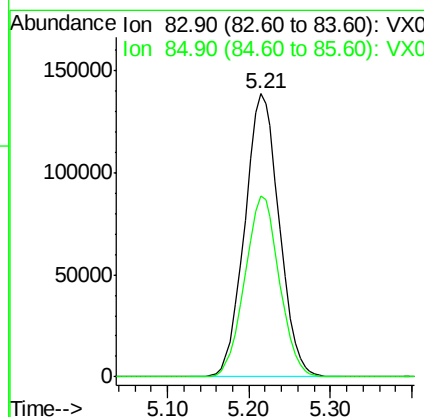
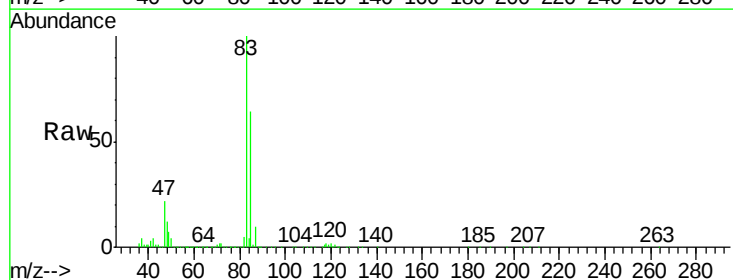
Instrument :
MSVOA_X
ClientSampled :

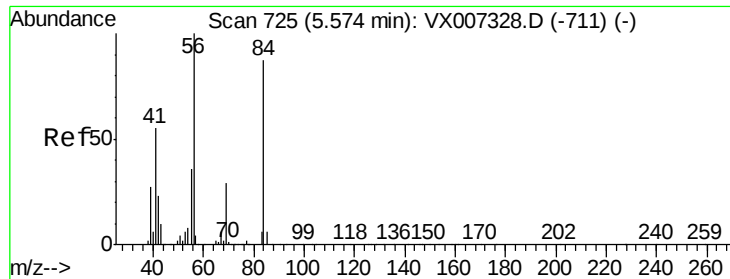
Tot Ion: 42 Resp: 573267
Ion Ratio Lower Upper
42 100
72 45.7 37.6 56.4
71 42.7 34.6 51.8



#30
Chloroform
Concen: 50.213 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007558.D
Acq: 14 Feb 2019 20:48

Tgt Ion: 83 Resp: 407654
Ion Ratio Lower Upper
83 100
85 63.7 51.6 77.4

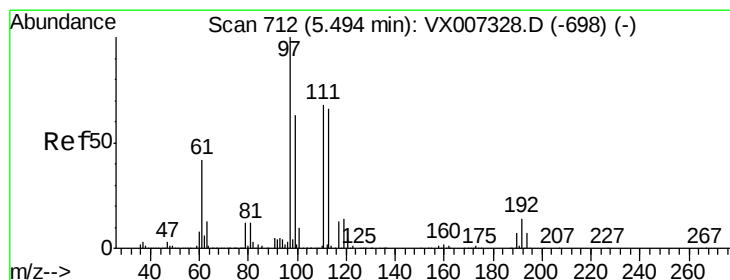
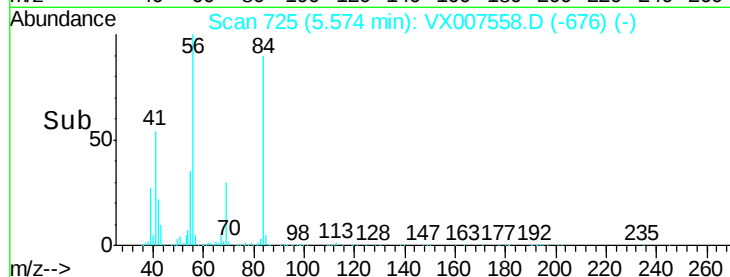
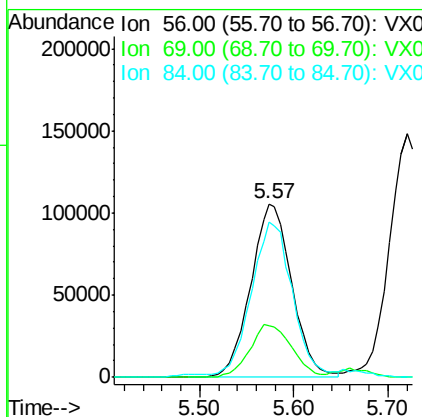
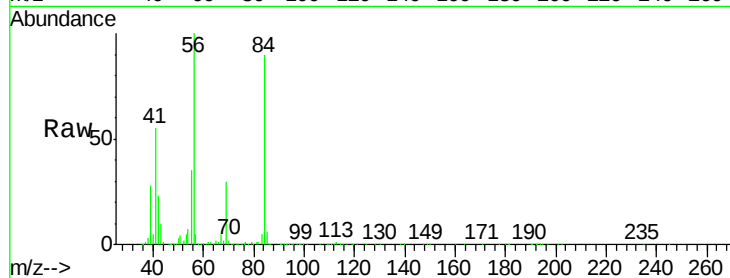




#31
Cyclohexane
Concen: 46.110 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007558.D
Acq: 14 Feb 2019 20:48

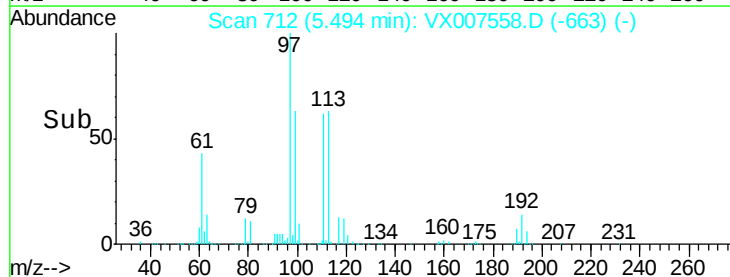
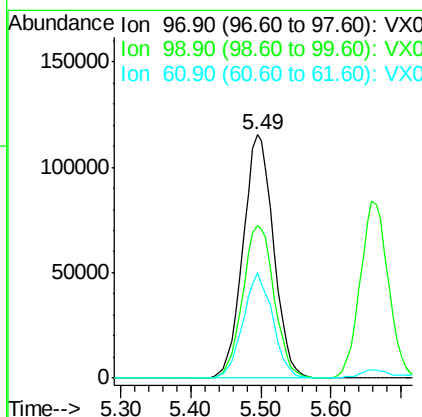
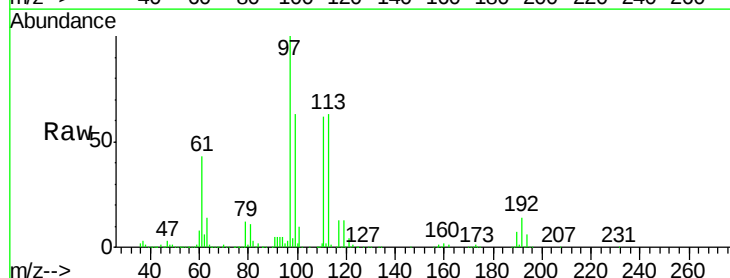
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 322202
Ion Ratio Lower Upper
56 100
69 30.0 23.0 34.6
84 88.5 69.8 104.6



#32
1,1,1-Trichloroethane
Concen: 50.909 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX007558.D
Acq: 14 Feb 2019 20:48

Tgt Ion: 97 Resp: 348871
Ion Ratio Lower Upper
97 100
99 64.7 52.2 78.2
61 41.8 32.7 49.1

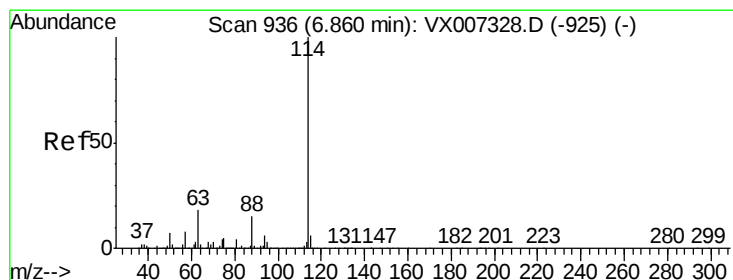
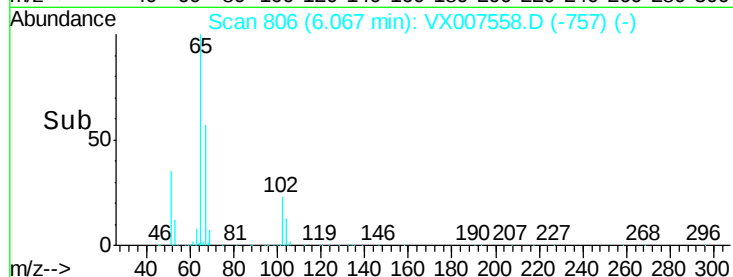
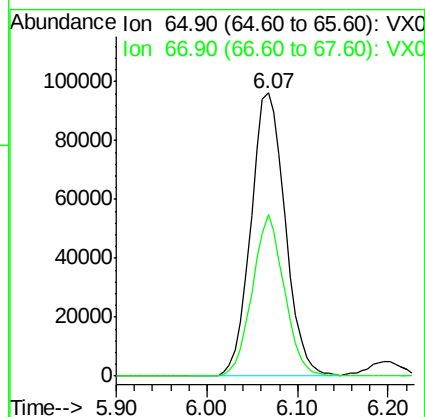
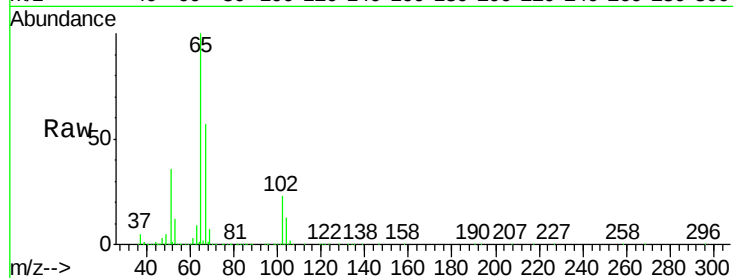




#33
 1,2-Dichloroethane-d4
 Concen: 49.936 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007558.D
 Acq: 14 Feb 2019 20:48

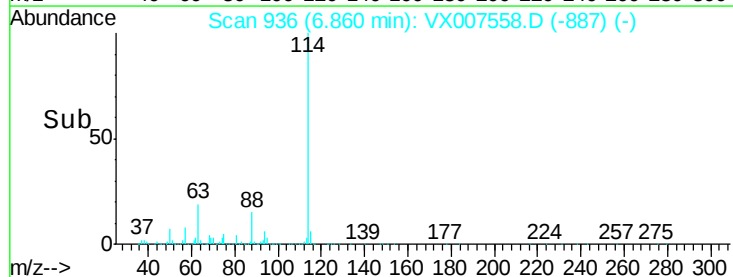
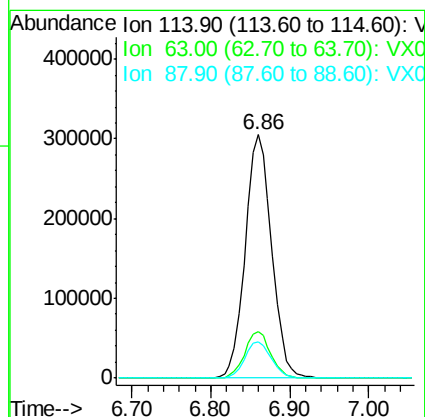
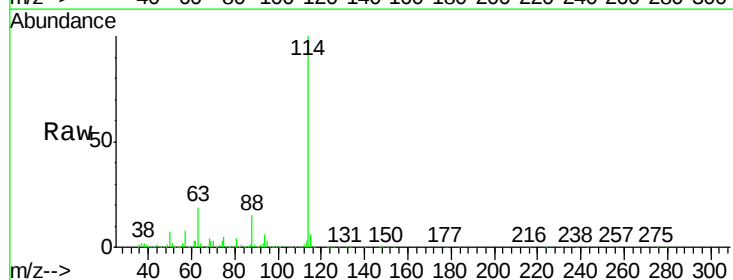
Instrument :
 MSVOA_X
 ClientSampled :

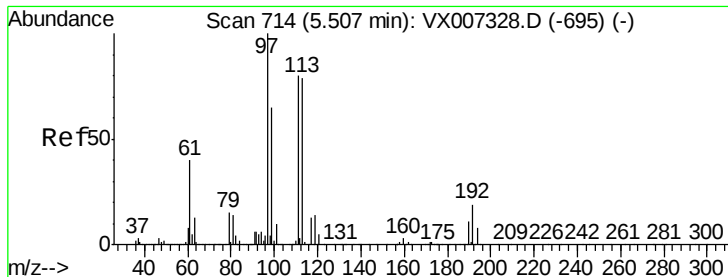
Tot Ion: 65 Resp: 250932
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007558.D
 Acq: 14 Feb 2019 20:48

Tgt Ion: 114 Resp: 708411
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 35.6
 88 14.8 0.0 29.6

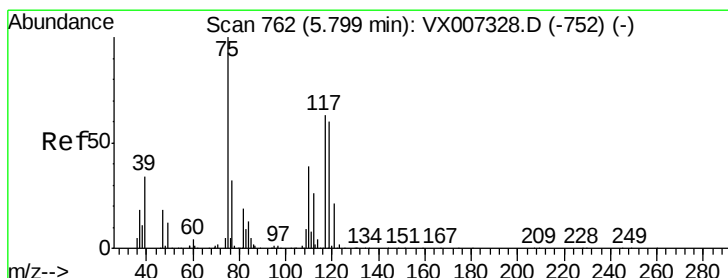
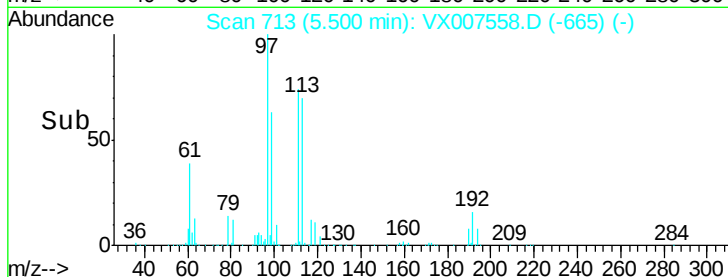
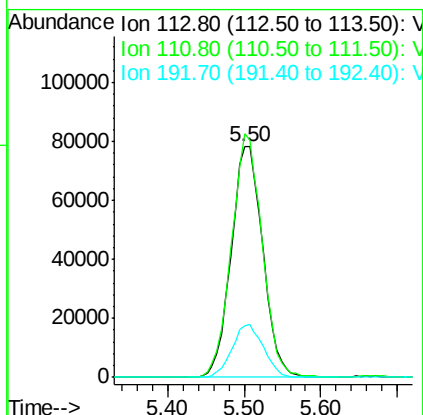
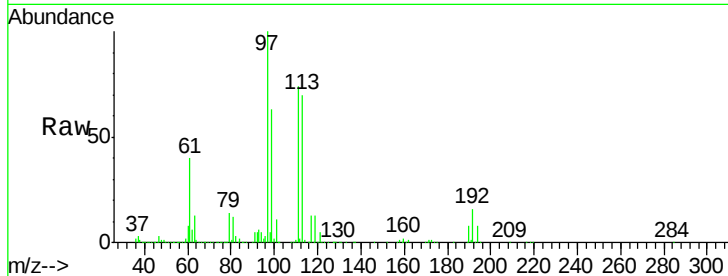




#35
Dibromofluoromethane
Concen: 48.694 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.01 min
Lab File: VX007558.D
Acq: 14 Feb 2019 20:48

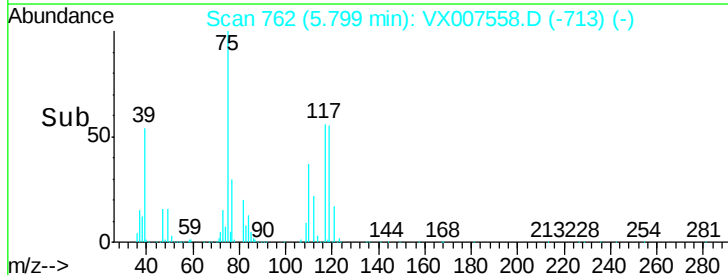
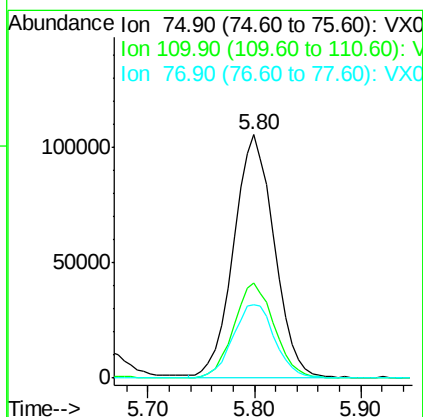
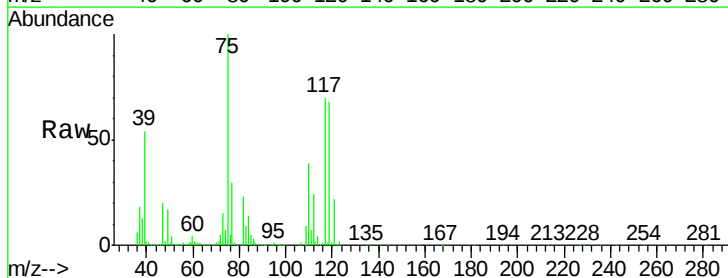
Instrument :
MSVOA_X
ClientSampleId :

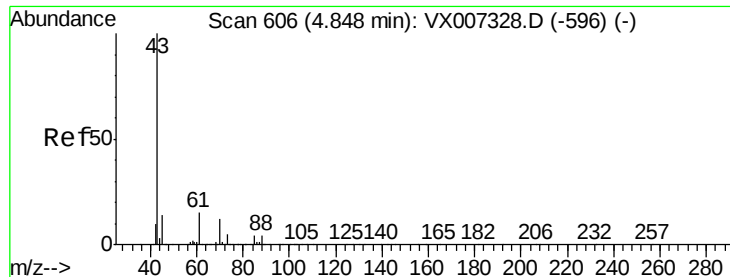
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.8	122.8
192	22.8	18.5	27.7



#36
1,1-Dichloropropene
Concen: 44.006 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX007558.D
Acq: 14 Feb 2019 20:48

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.2	20.0	59.9
77	31.3	24.7	37.1





#37

Ethyl Acetate

Concen: 51.230 ug/l

RT: 4.85 min Scan# 607

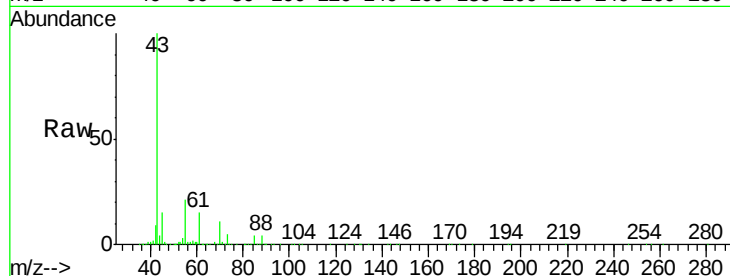
Delta R.T. 0.01 min

Lab File: VX007558.D

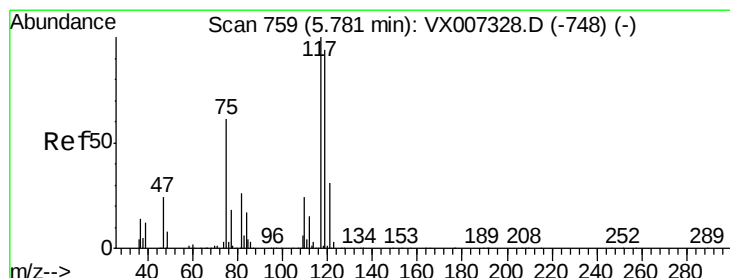
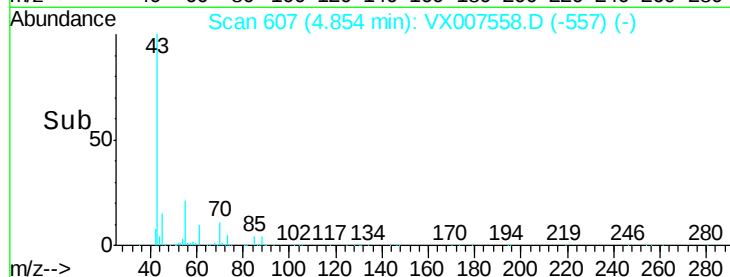
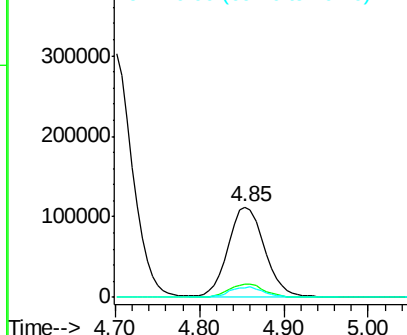
Acq: 14 Feb 2019 20:48

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	43	Resp:	329167
Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.3	16.9
70	11.1	8.6	13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 48.801 ug/l

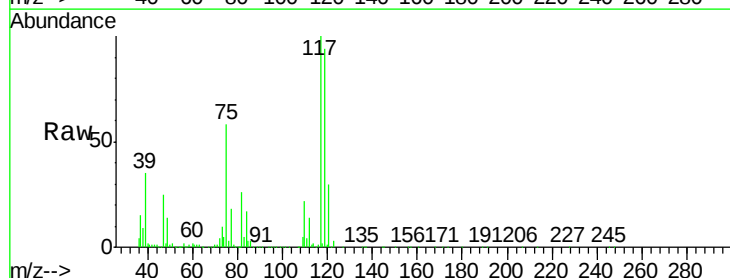
RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

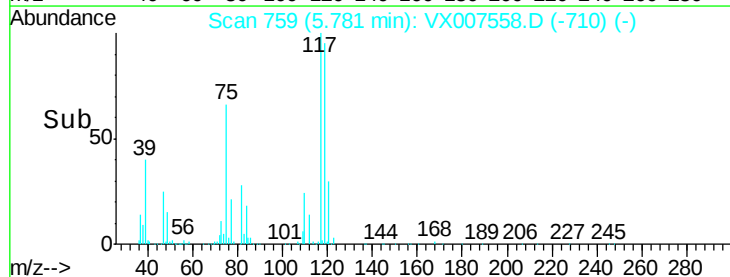
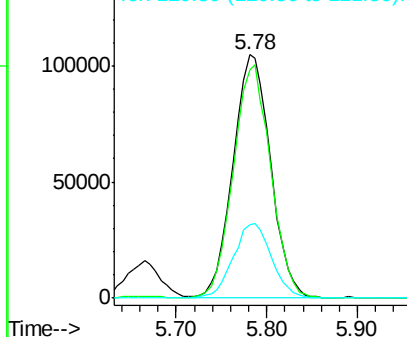
Lab File: VX007558.D

Acq: 14 Feb 2019 20:48

Tgt Ion:	117	Resp:	300928
Ion	Ratio	Lower	Upper
117	100		
119	93.9	75.3	112.9
121	30.3	25.0	37.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

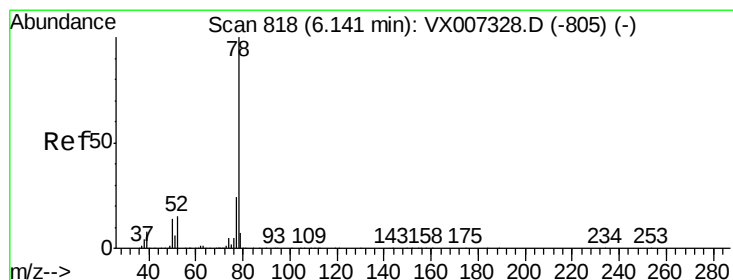
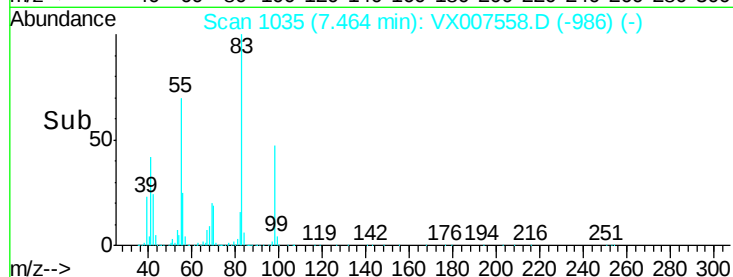
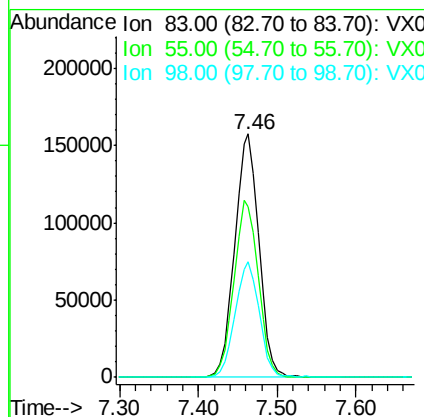
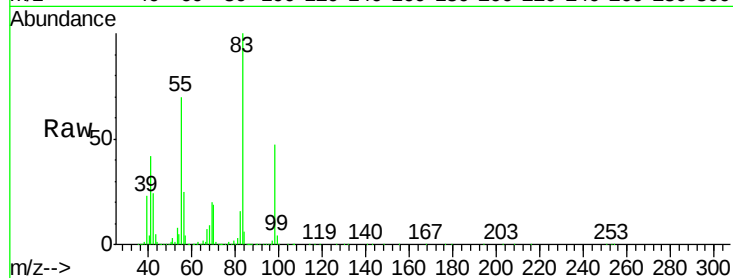




#39
Methvlcvclohexane
Concen: 43.692 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007558.D
Acq: 14 Feb 2019 20:48

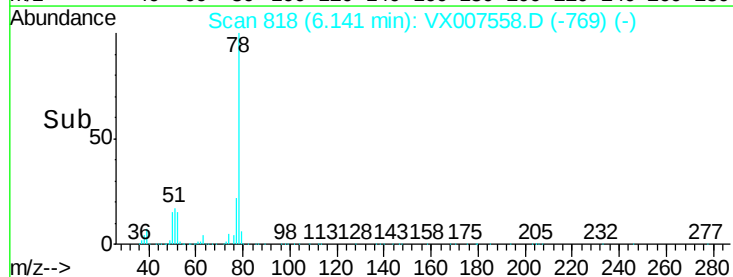
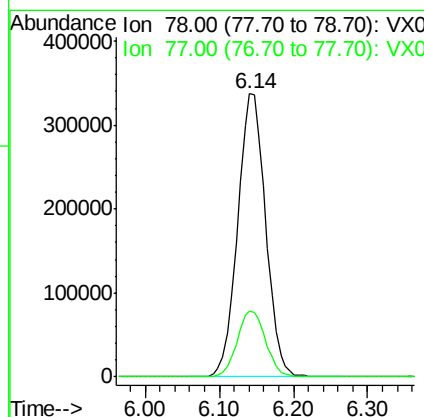
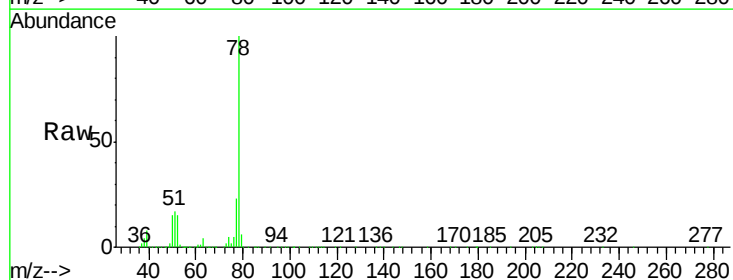
Instrument :
MSVOA_X
ClientSampled :

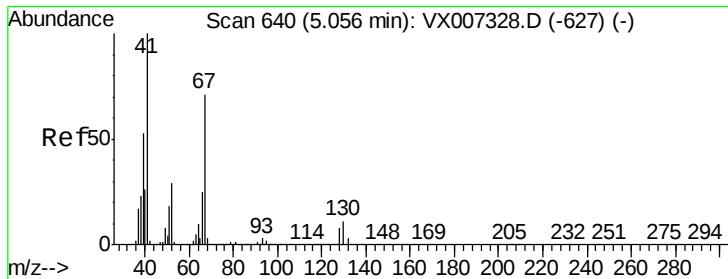
Tot Ion: 83 Resp: 336007
Ion Ratio Lower Upper
83 100
55 70.2 56.2 84.2
98 47.3 36.8 55.2



#40
Benzene
Concen: 47.490 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007558.D
Acq: 14 Feb 2019 20:48

Tgt Ion: 78 Resp: 889164
Ion Ratio Lower Upper
78 100
77 23.0 19.3 28.9





#41

Methacrylonitrile

Concen: 53.803 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.00 min

Lab File: VX007558.D

Acq: 14 Feb 2019 20:48

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 185279

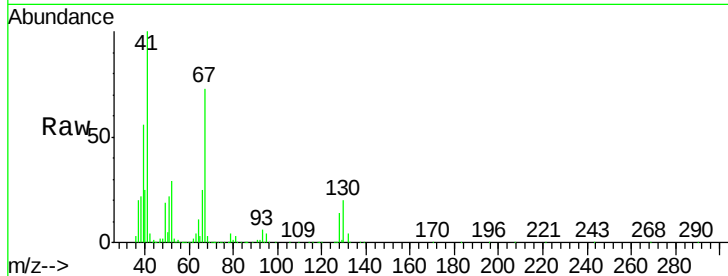
Ion Ratio Lower Upper

41 100

39 54.9 44.5 66.7

67 74.0 60.4 90.6

52 30.2 24.1 36.1

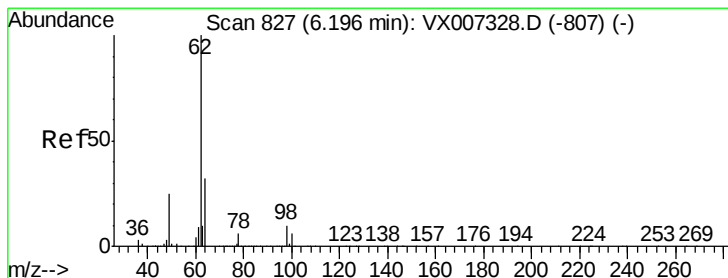
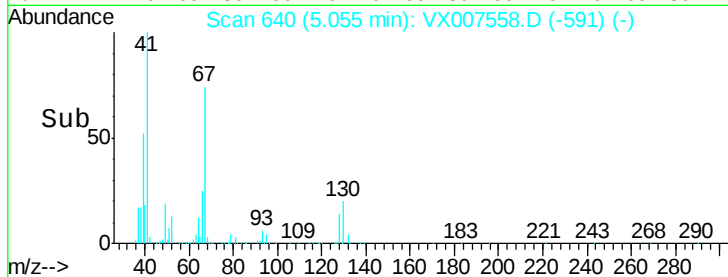
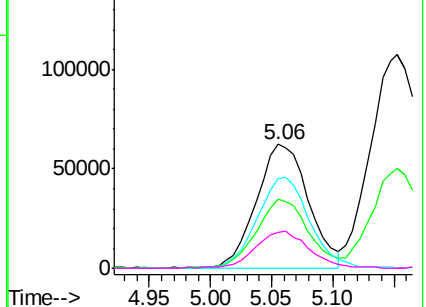


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 48.052 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX007558.D

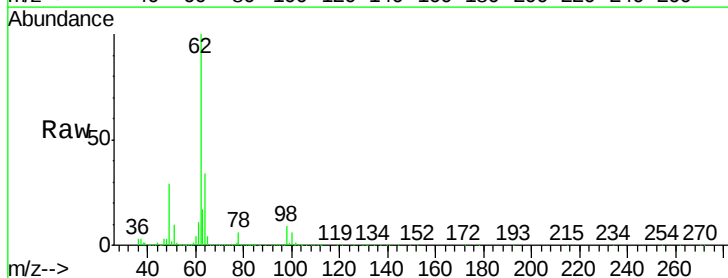
Acq: 14 Feb 2019 20:48

Tgt Ion: 62 Resp: 311285

Ion Ratio Lower Upper

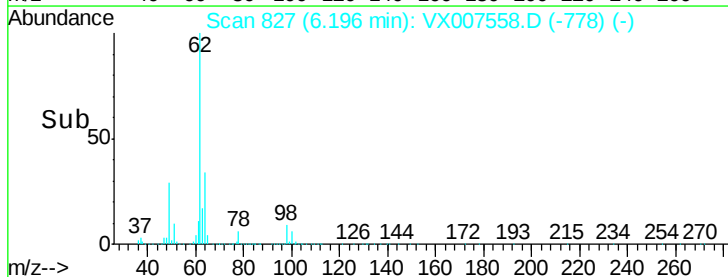
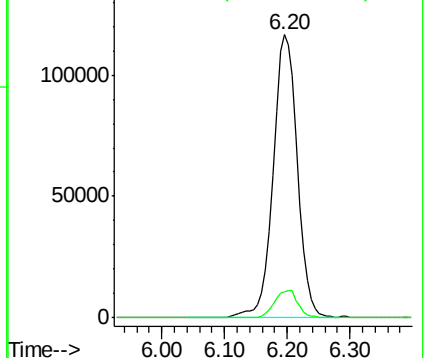
62 100

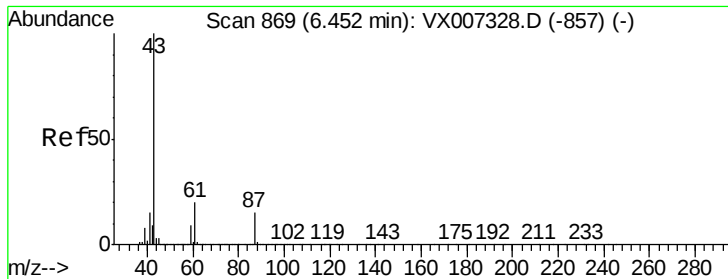
98 9.6 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



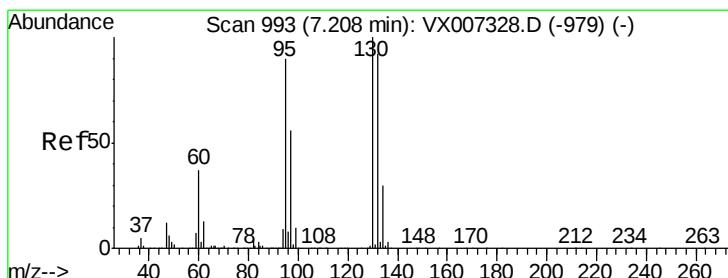
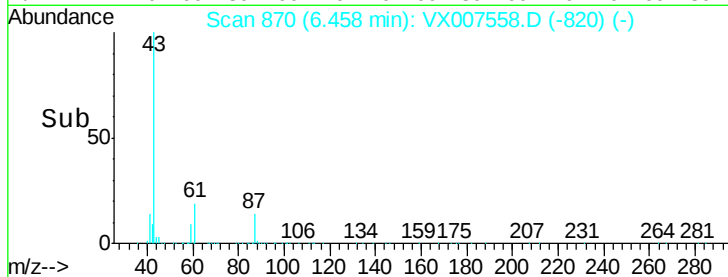
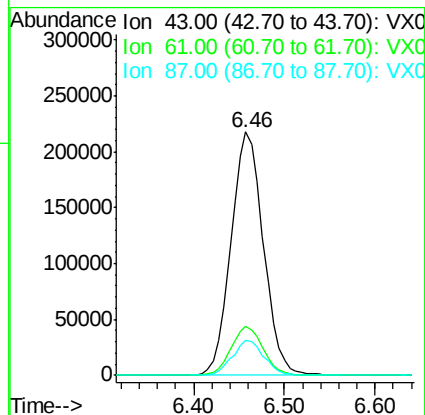
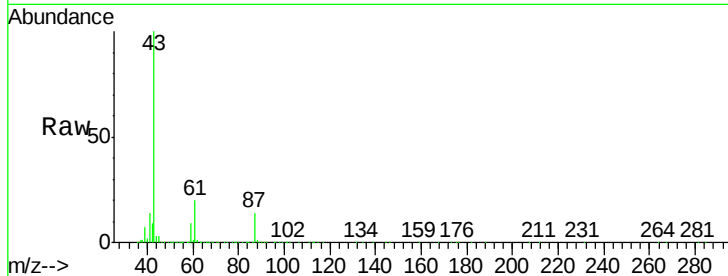


#43

Isopropyl Acetate
 Concen: 53.991 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.01 min
 Lab File: VX007558.D
 Acq: 14 Feb 2019 20:48

Instrument :
 MSVOA_X
 ClientSampleId :

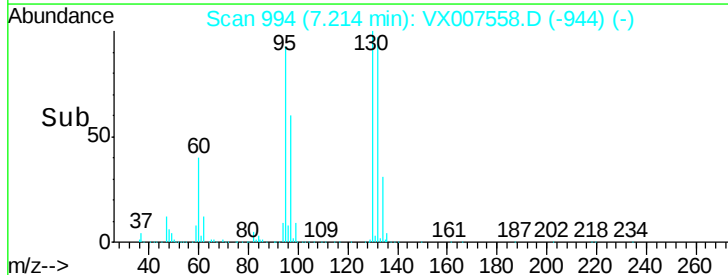
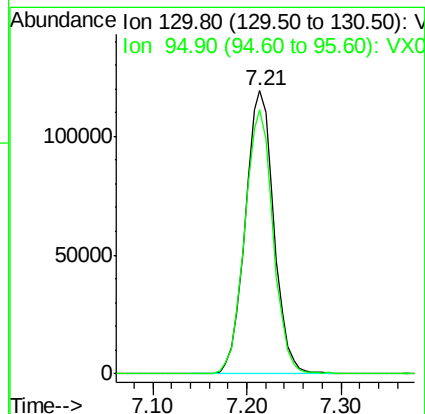
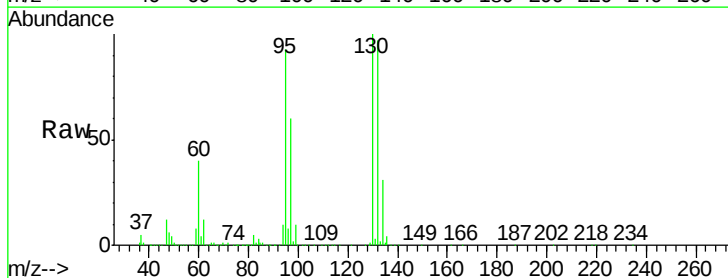
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.0	16.1	24.1
87	14.2	11.5	17.3

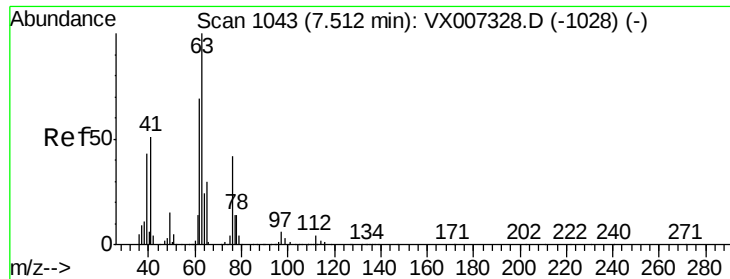


#44

Trichloroethene
 Concen: 44.744 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX007558.D
 Acq: 14 Feb 2019 20:48

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.3	0.0	180.0

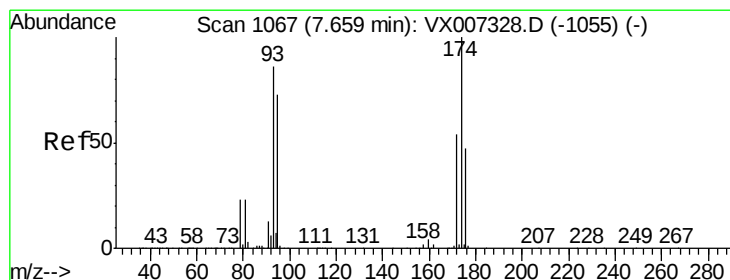
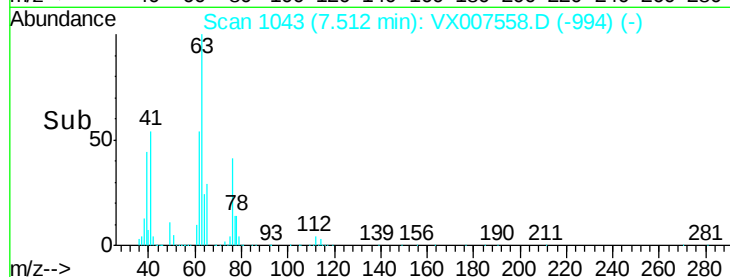
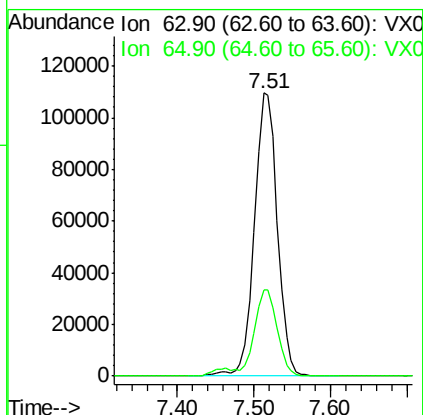
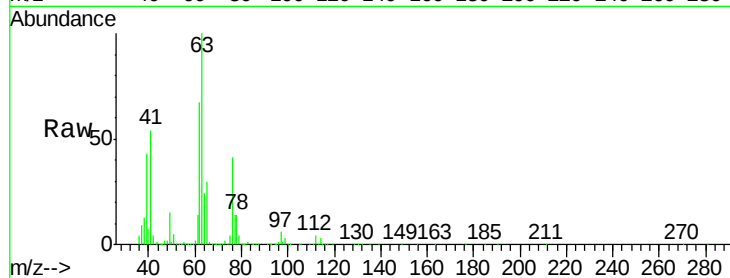




#45
 1,2-Dichloropropane
 Concen: 48.841 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX007558.D
 Acq: 14 Feb 2019 20:48

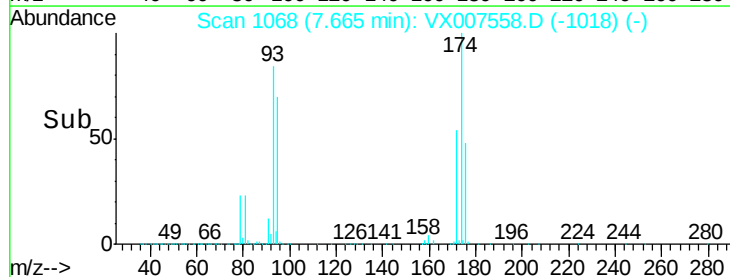
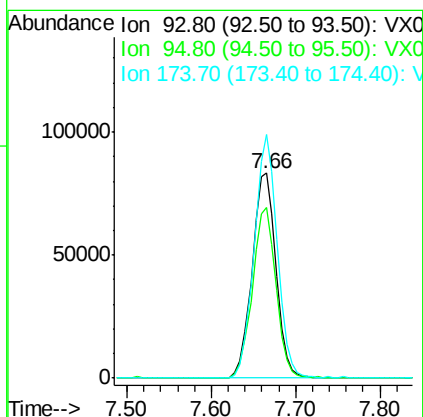
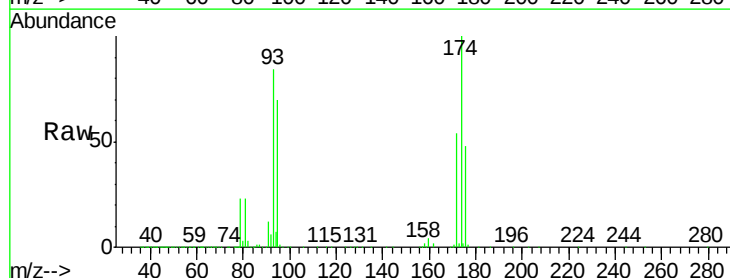
Instrument :
 MSVOA_X
 ClientSampleId :

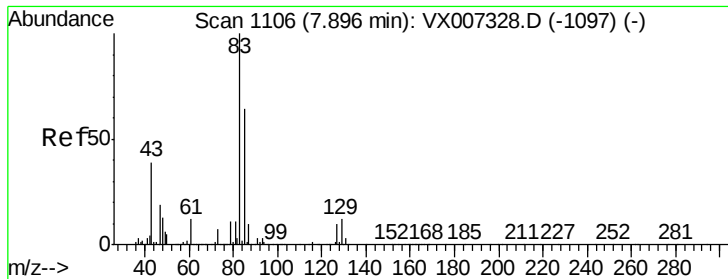
Tot Ion: 63 Resp: 229122
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.2 36.2



#46
 Dibromomethane
 Concen: 47.338 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX007558.D
 Acq: 14 Feb 2019 20:48

Tgt Ion: 93 Resp: 161402
 Ion Ratio Lower Upper
 93 100
 95 82.1 67.6 101.4
 174 115.3 94.2 141.4





#47

Bromodichloromethane

Concen: 50.023 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007558.D

Acq: 14 Feb 2019 20:48

Instrument :
MSVOA_X
ClientSampleId :

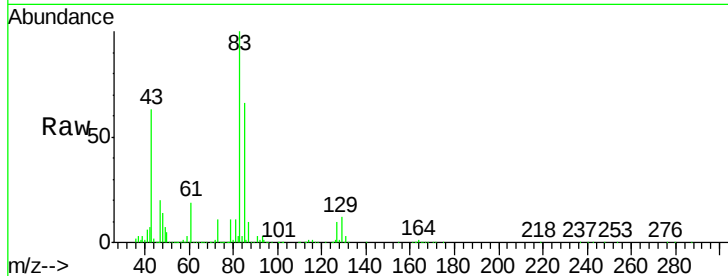
Tot Ion: 83 Resp: 289052

Ion Ratio Lower Upper

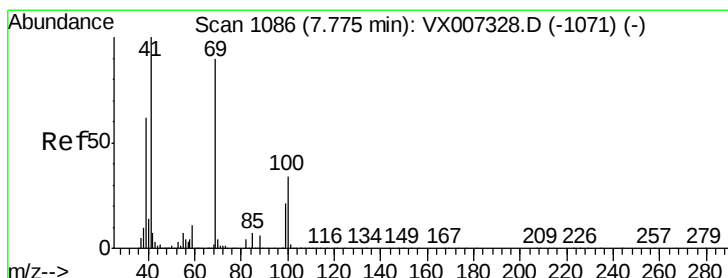
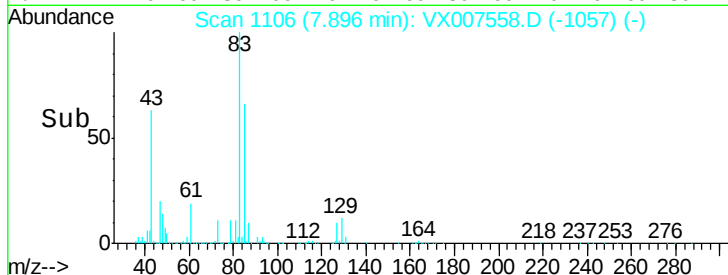
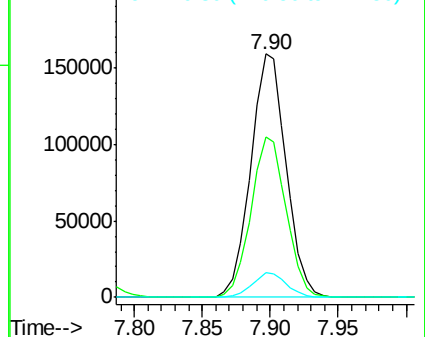
83 100

85 65.7 51.4 77.0

127 9.9 8.1 12.1



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 55.152 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007558.D

Acq: 14 Feb 2019 20:48

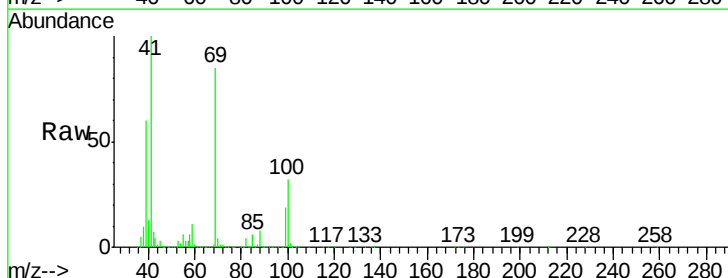
Tgt Ion: 41 Resp: 273593

Ion Ratio Lower Upper

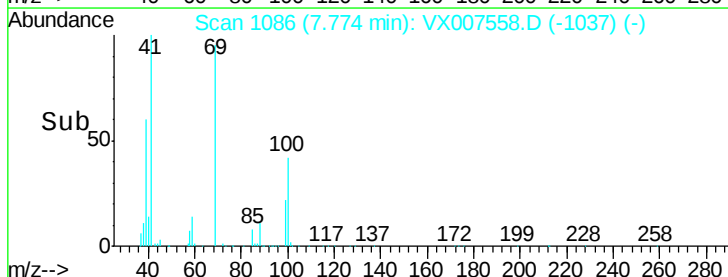
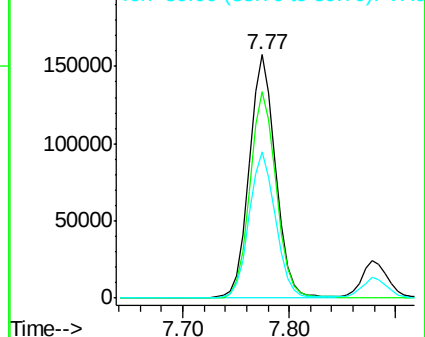
41 100

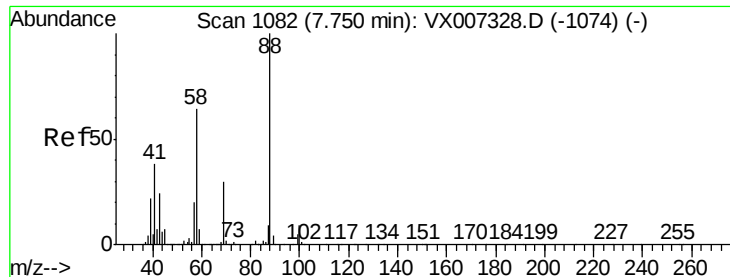
69 85.1 70.2 105.4

39 60.0 47.4 71.0



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





#49

1,4-Dioxane

Concen: 1057.701 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

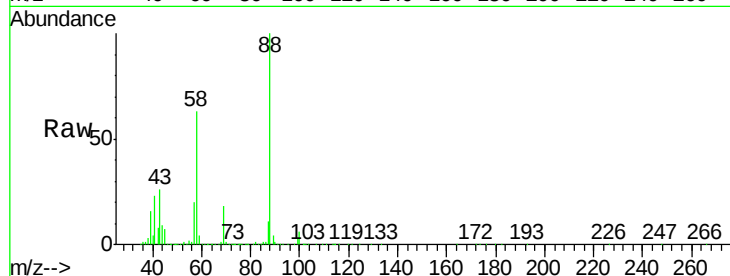
Lab File: VX007558.D

Acq: 14 Feb 2019 20:48

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 119370

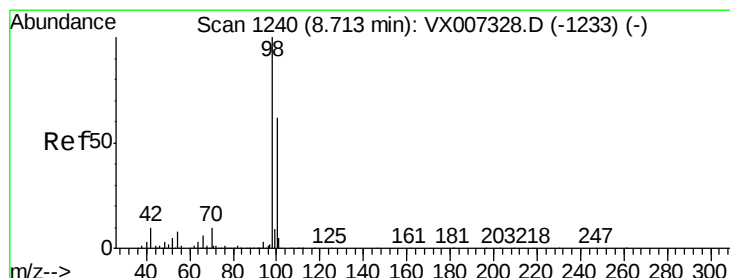
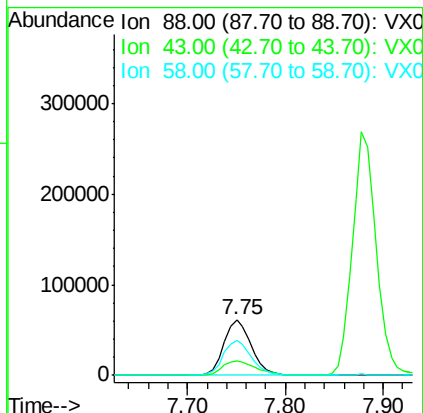
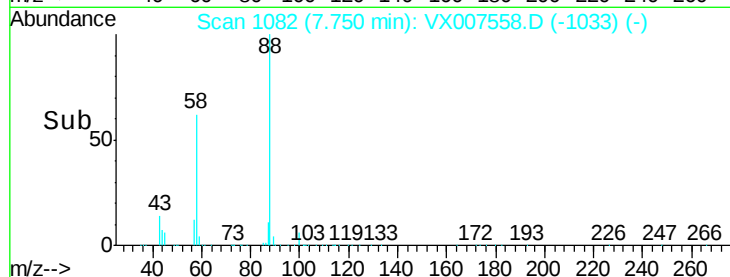
Ion	Ratio	Lower	Upper
88	100		
43	31.8	24.2	36.4
58	65.3	53.0	79.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.220 ug/l

RT: 8.71 min Scan# 1240

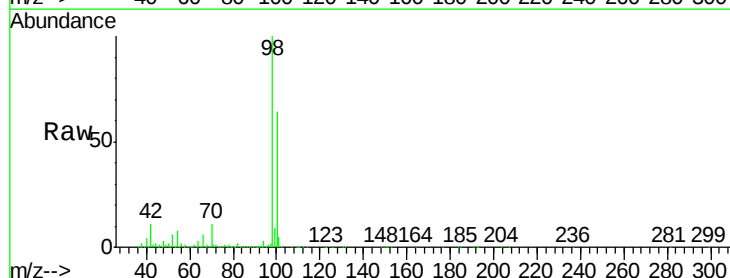
Delta R.T. -0.00 min

Lab File: VX007558.D

Acq: 14 Feb 2019 20:48

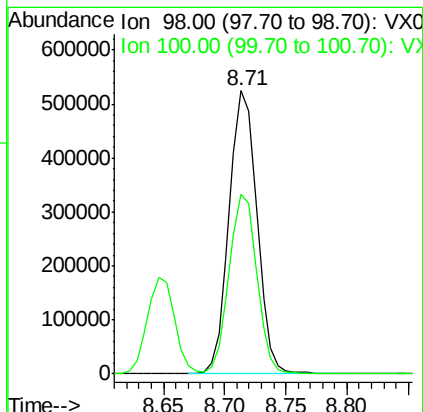
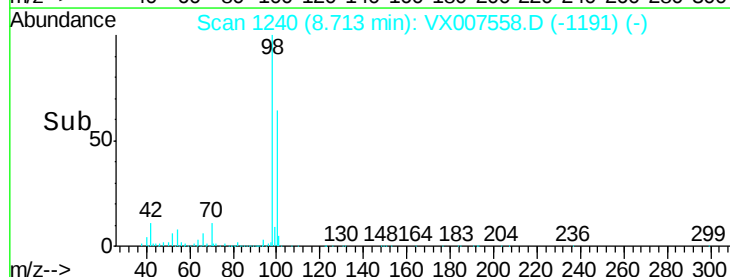
Tgt Ion: 98 Resp: 824643

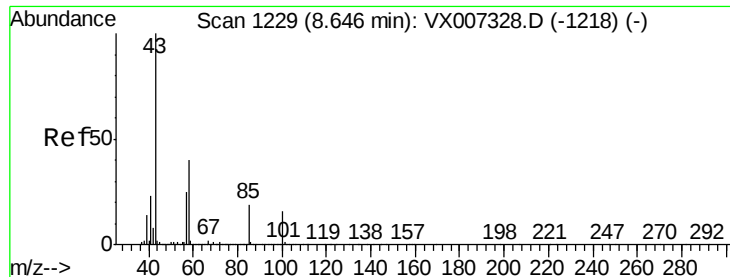
Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.6	77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 271.902 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007558.D

Acq: 14 Feb 2019 20:48

Instrument :

MSVOA_X

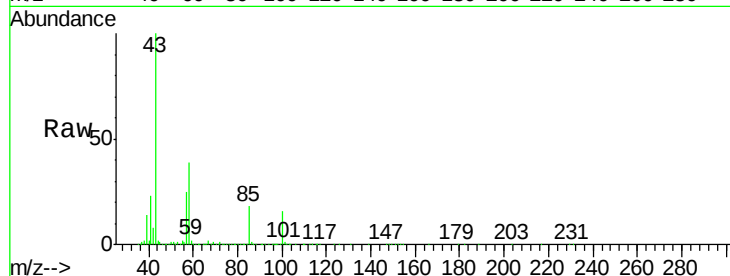
ClientSampleId :

Tot Ion: 43 Resp: 1775174

Ion Ratio Lower Upper

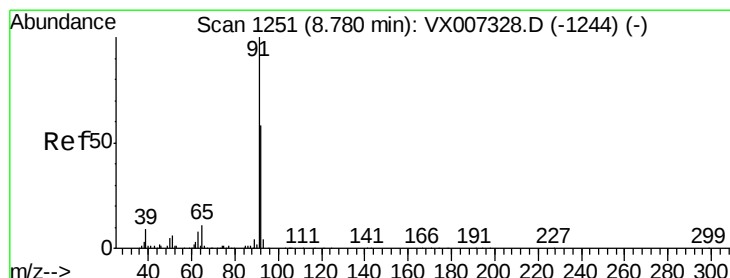
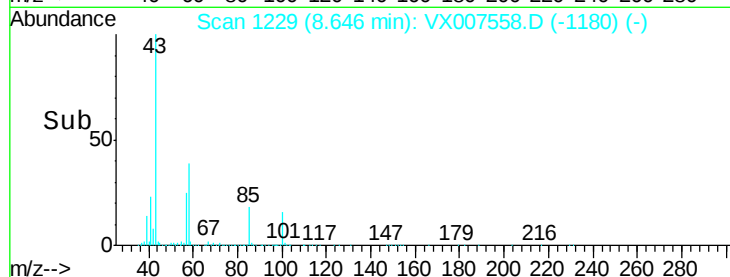
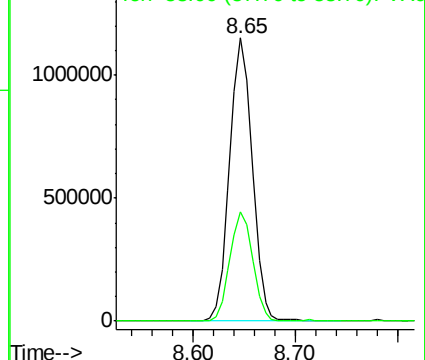
43 100

58 39.0 31.2 46.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 47.505 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007558.D

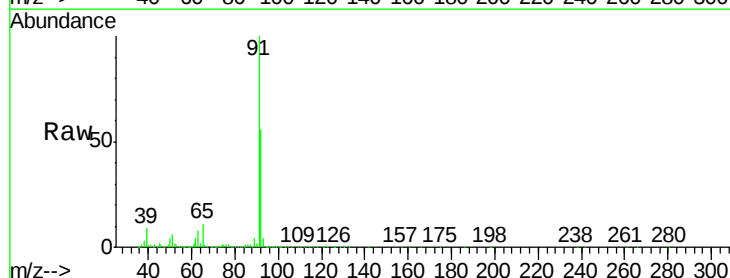
Acq: 14 Feb 2019 20:48

Tgt Ion: 92 Resp: 573869

Ion Ratio Lower Upper

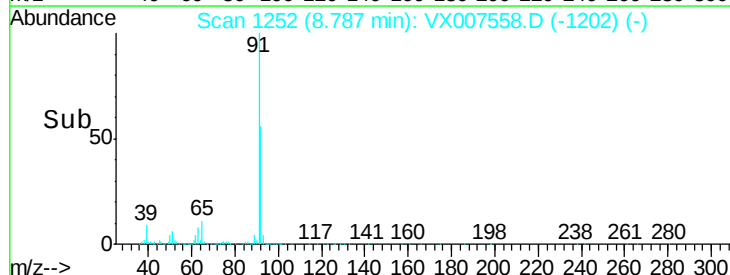
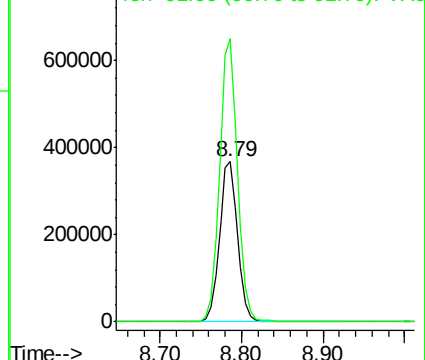
92 100

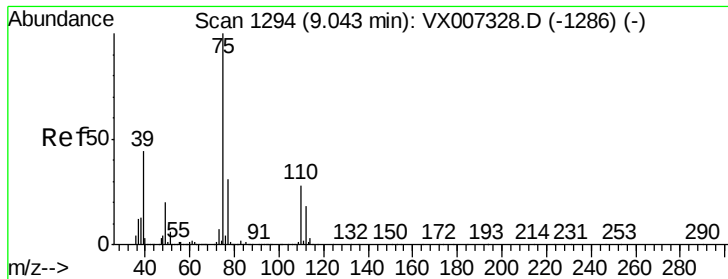
91 174.5 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 51.851 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007558.D

Acq: 14 Feb 2019 20:48

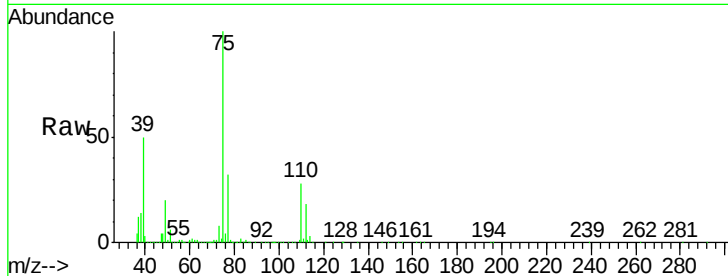
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 75 Resp: 321831

Ion Ratio Lower Upper

75 100

77 31.8 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

250000

200000

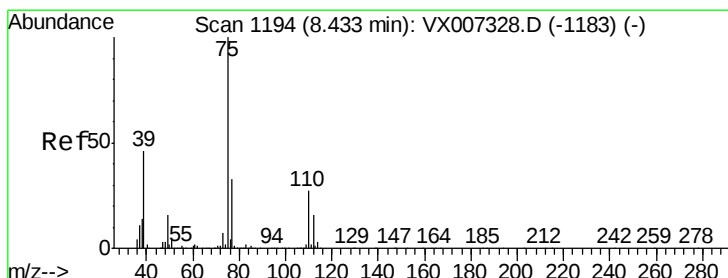
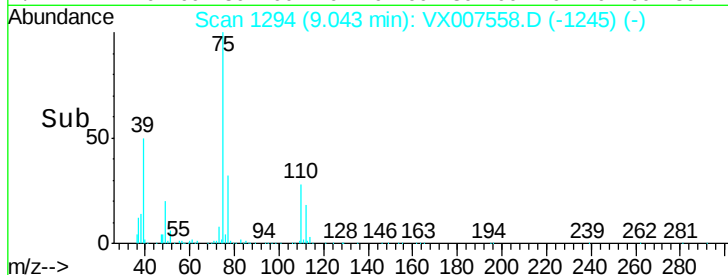
150000

100000

50000

0

Time--> 8.95 9.00 9.05 9.10



#54

cis-1,3-Dichloropropene

Concen: 51.102 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007558.D

Acq: 14 Feb 2019 20:48

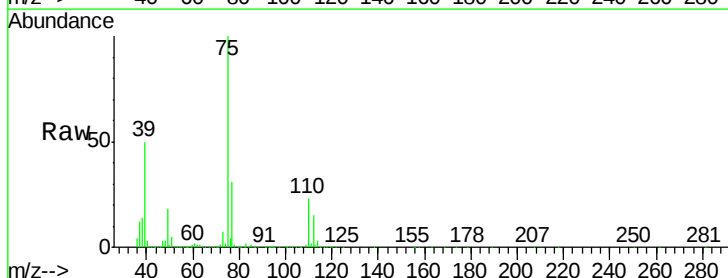
Tgt Ion: 75 Resp: 348809

Ion Ratio Lower Upper

75 100

77 31.3 26.2 39.4

39 50.2 37.1 55.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

300000

250000

200000

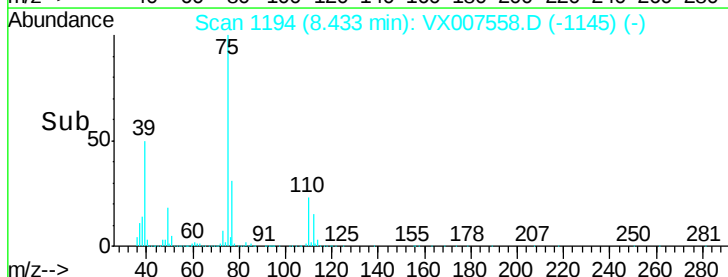
150000

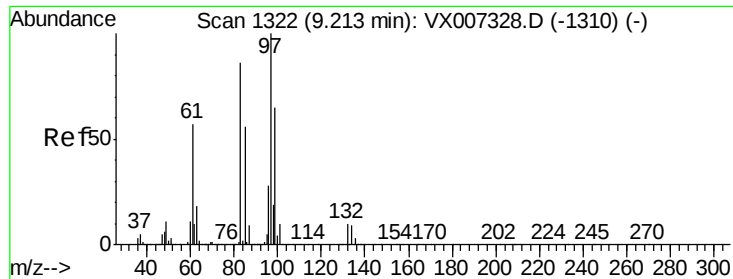
100000

50000

0

Time--> 8.35 8.40 8.45 8.50

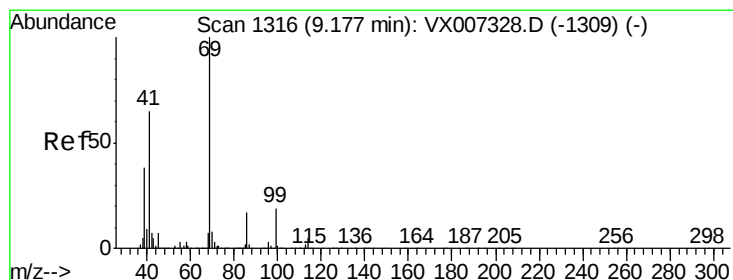
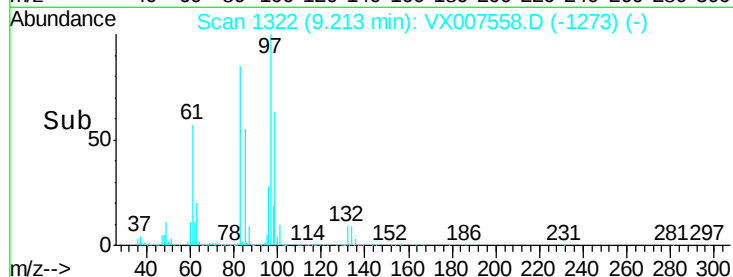
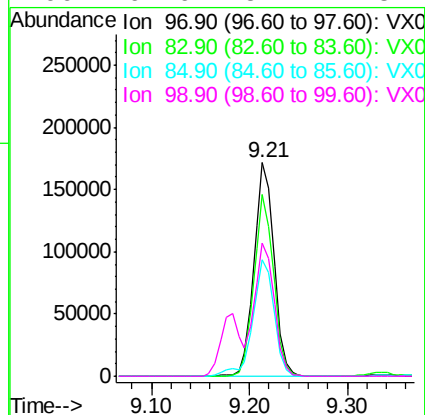
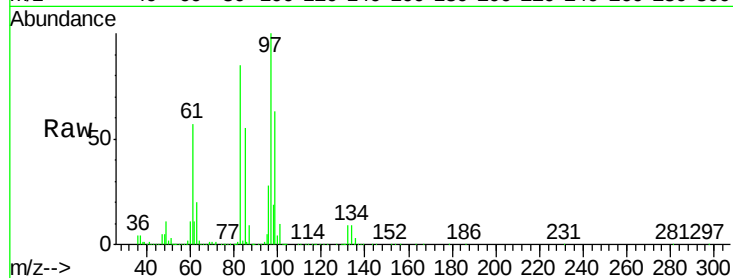




#55
 1,1,2-Trichloroethane
 Concen: 48.564 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007558.D
 Acq: 14 Feb 2019 20:48

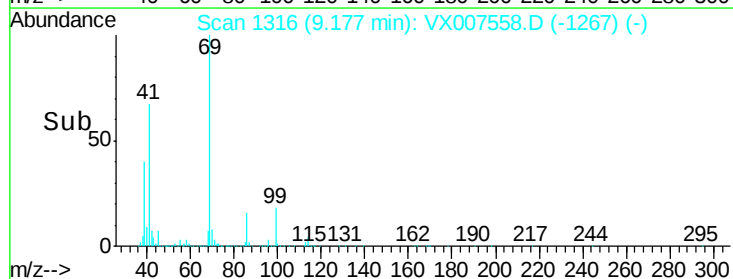
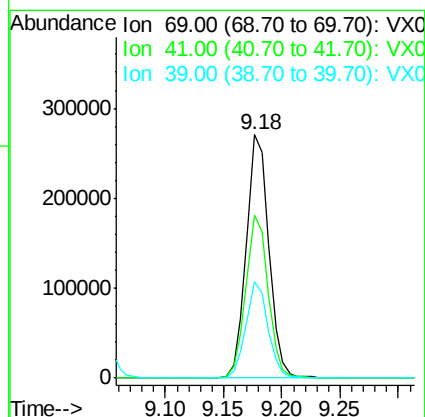
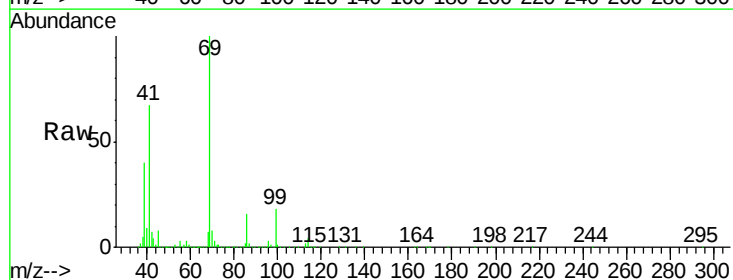
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	244545
Ion	Ratio	Lower	Upper
97	100		
83	84.8	68.6	102.8
85	54.6	44.5	66.7
99	62.6	52.2	78.4



#56
 Ethyl methacrylate
 Concen: 53.033 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX007558.D
 Acq: 14 Feb 2019 20:48

Tgt Ion:	69	Resp:	369864
Ion	Ratio	Lower	Upper
69	100		
41	66.1	52.1	78.1
39	38.5	30.1	45.1





#57

1,3-Dichloropropane

Concen: 48.390 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007558.D

Acq: 14 Feb 2019 20:48

Instrument :

MSVOA_X

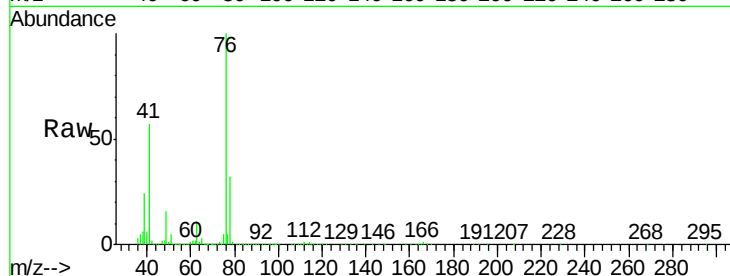
ClientSampleId :

Tot Ion: 76 Resp: 387499

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

300000

250000

200000

150000

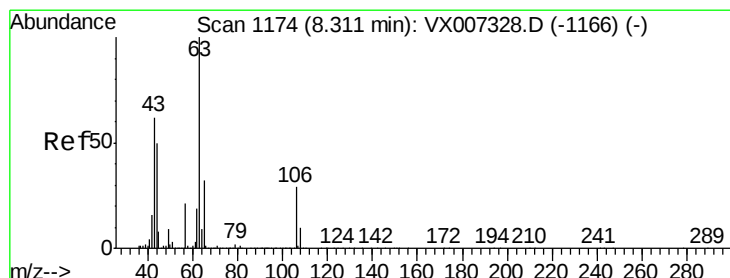
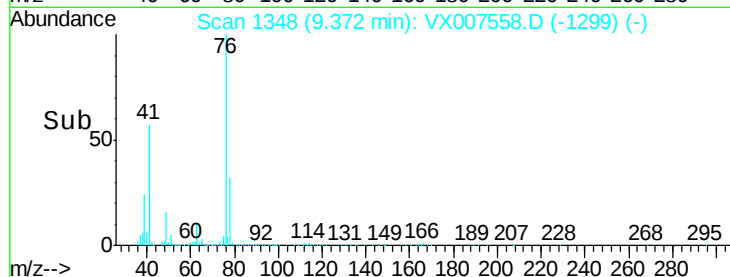
100000

50000

0

Time-->

9.30 9.40 9.50



#58

2-Chloroethyl Vinyl ether

Concen: 260.352 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007558.D

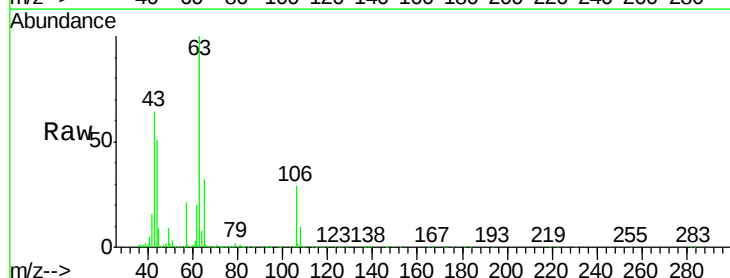
Acq: 14 Feb 2019 20:48

Tgt Ion: 63 Resp: 957050

Ion Ratio Lower Upper

63 100

106 29.4 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

600000

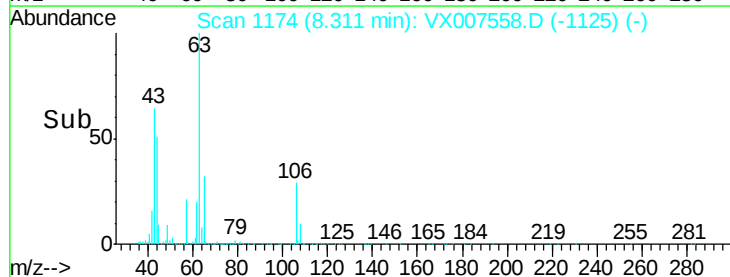
400000

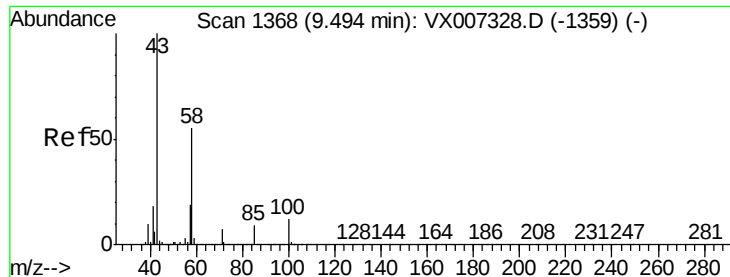
200000

0

Time-->

8.20 8.30 8.40

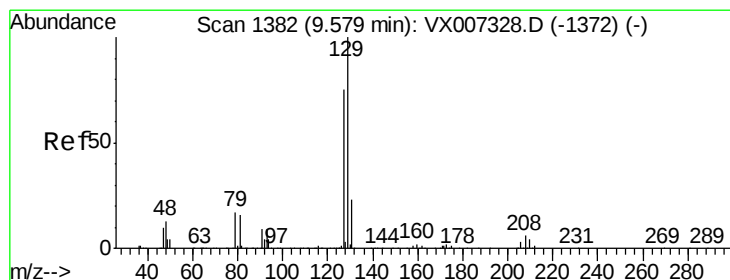
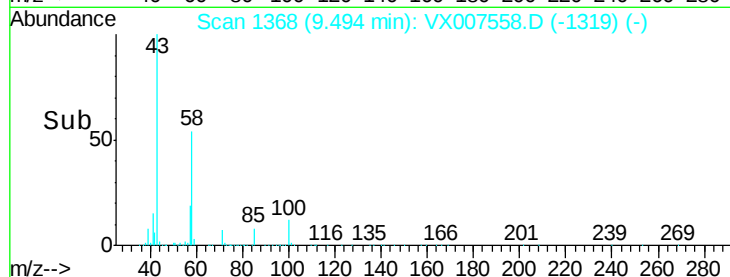
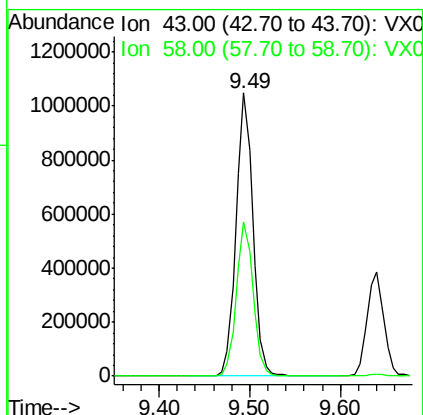
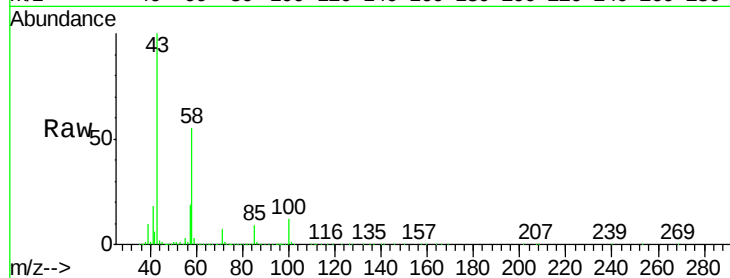




#59
2-Hexanone
Concen: 266.053 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007558.D
Acq: 14 Feb 2019 20:48

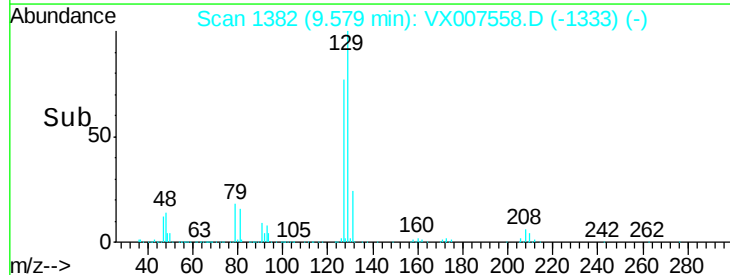
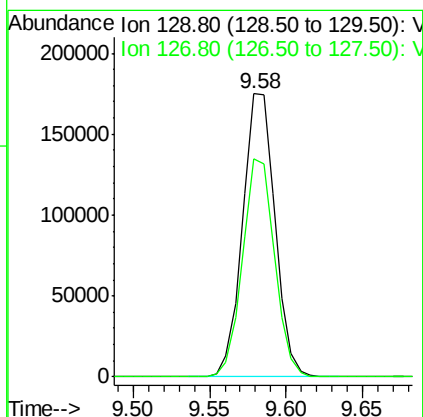
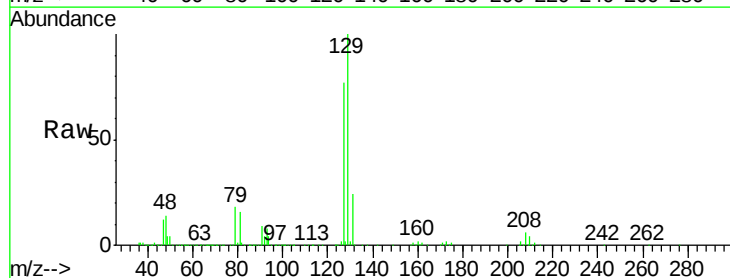
Instrument :
MSVOA_X
ClientSampled :

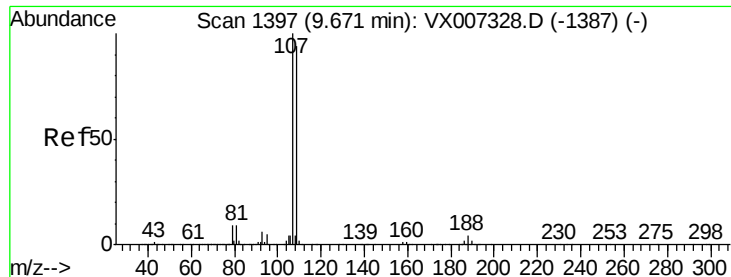
Tot Ion: 43 Resp: 1351668
Ion Ratio Lower Upper
43 100
58 54.1 27.1 81.3



#60
Dibromochloromethane
Concen: 54.131 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX007558.D
Acq: 14 Feb 2019 20:48

Tgt Ion: 129 Resp: 257794
Ion Ratio Lower Upper
129 100
127 76.3 37.8 113.4





#61

1,2-Dibromoethane

Concen: 49.144 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007558.D

Acq: 14 Feb 2019 20:48

Instrument :

MSVOA_X

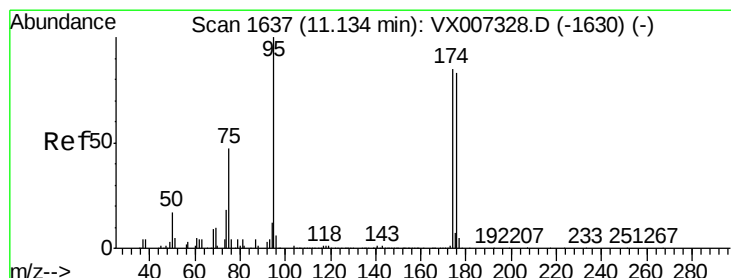
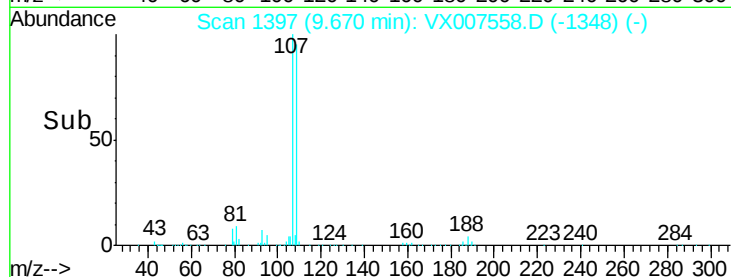
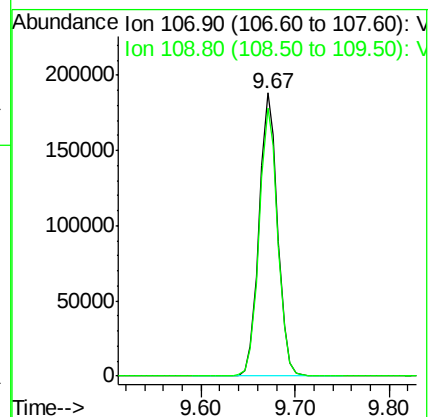
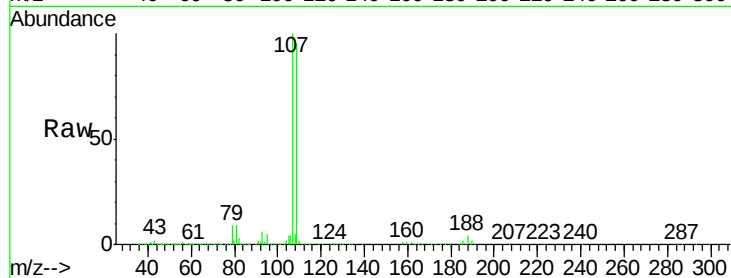
ClientSampleId :

Tot Ion:107 Resp: 262066

Ion Ratio Lower Upper

107 100

109 95.3 75.1 112.7



#62

4-Bromofluorobenzene

Concen: 49.438 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007558.D

Acq: 14 Feb 2019 20:48

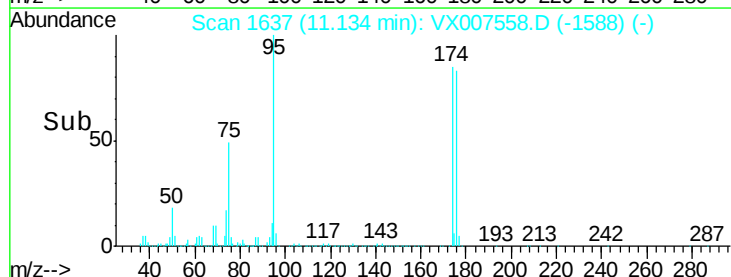
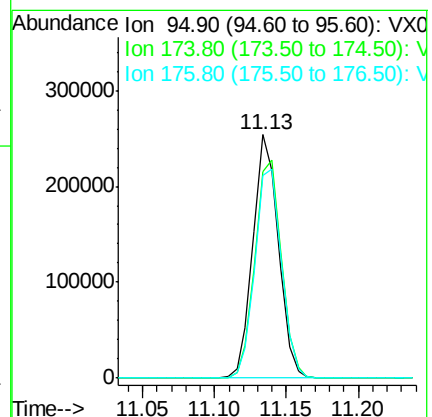
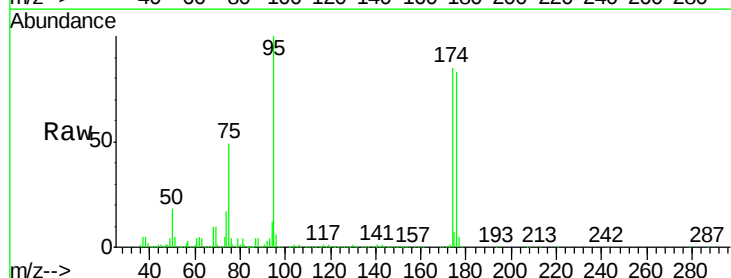
Tgt Ion: 95 Resp: 308680

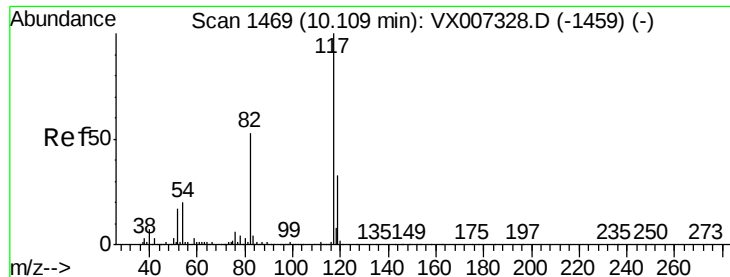
Ion Ratio Lower Upper

95 100

174 93.1 0.0 189.2

176 90.1 0.0 186.2

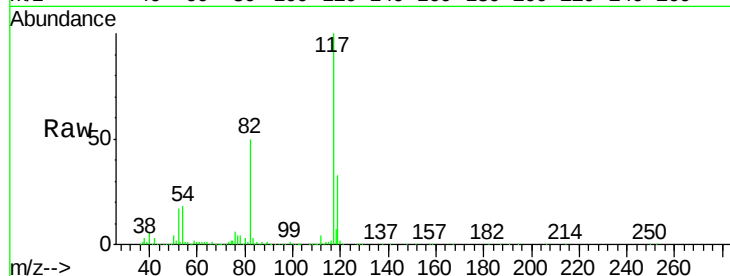




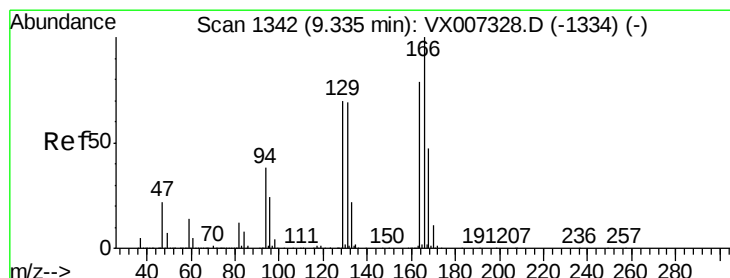
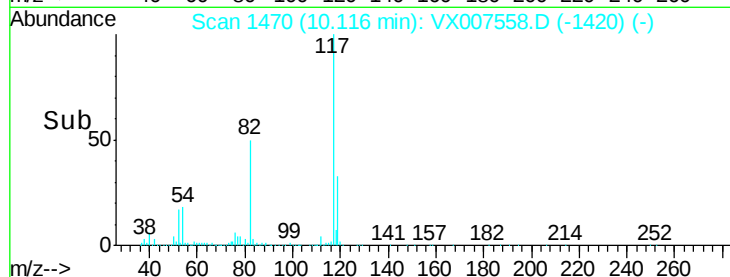
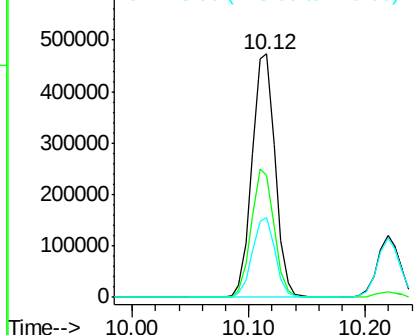
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007558.D
Acq: 14 Feb 2019 20:48

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 657572
Ion Ratio Lower Upper
117 100
82 49.9 42.1 63.1
119 32.8 26.5 39.7

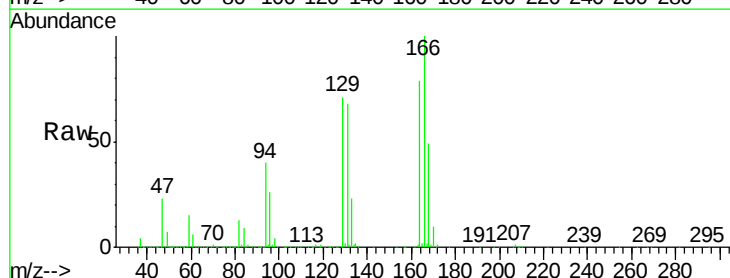


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

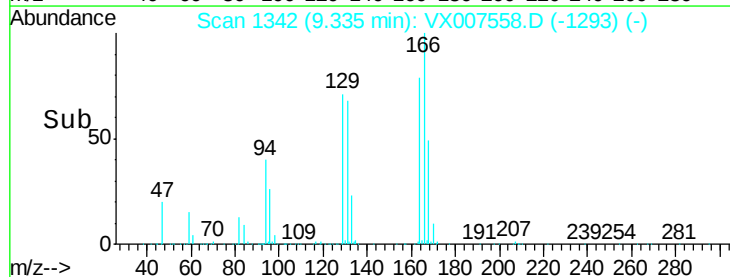
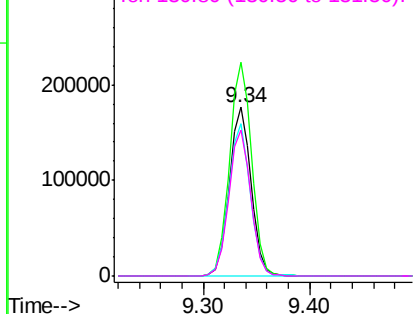


#64
Tetrachloroethene
Concen: 41.024 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007558.D
Acq: 14 Feb 2019 20:48

Tgt Ion:164 Resp: 254259
Ion Ratio Lower Upper
164 100
166 126.5 101.0 151.4
129 90.1 70.5 105.7
131 86.4 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: 46.016 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007558.D

Acq: 14 Feb 2019 20:48

Instrument :

MSVOA_X

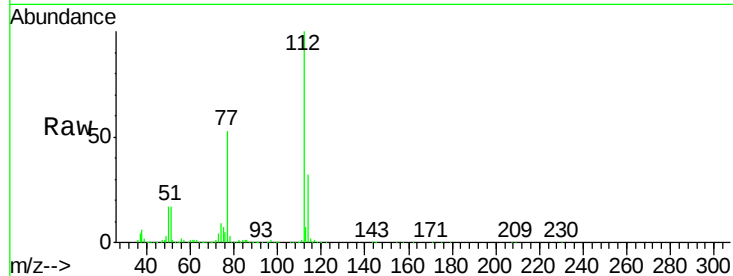
ClientSampled :

Tot Ion:112 Resp: 660312

Ion Ratio Lower Upper

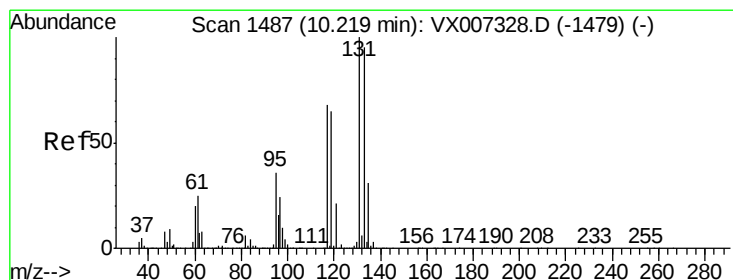
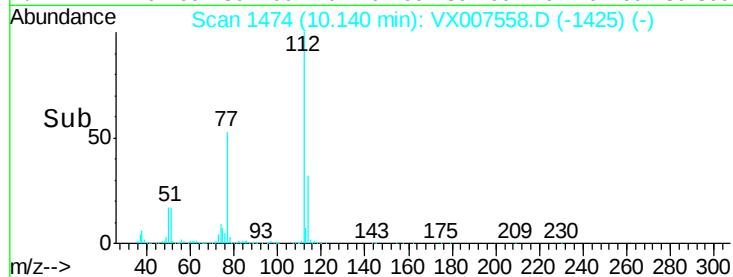
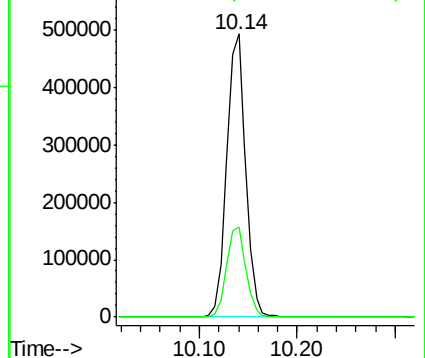
112 100

114 32.0 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.161 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007558.D

Acq: 14 Feb 2019 20:48

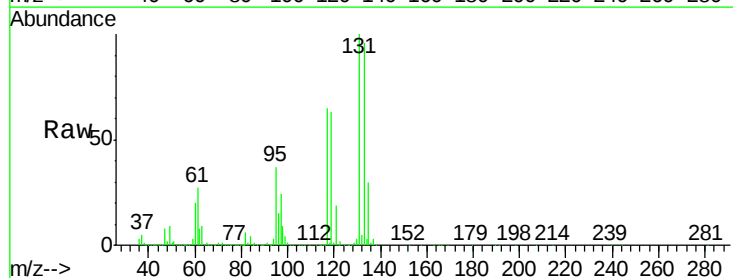
Tgt Ion:131 Resp: 246135

Ion Ratio Lower Upper

131 100

133 95.6 48.0 144.2

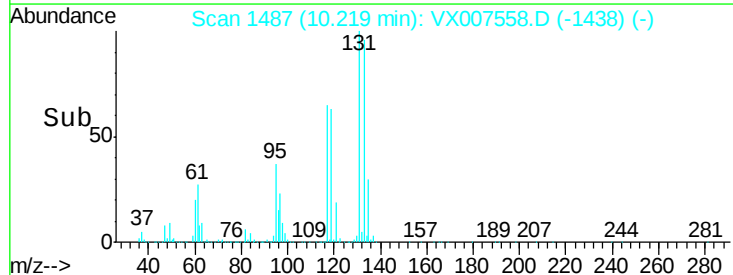
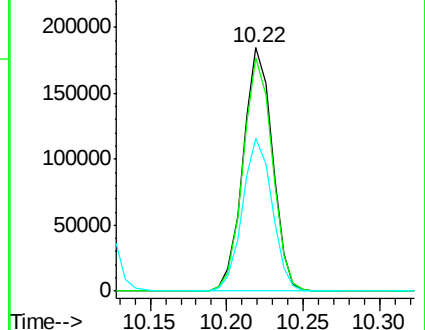
119 63.4 32.0 96.0

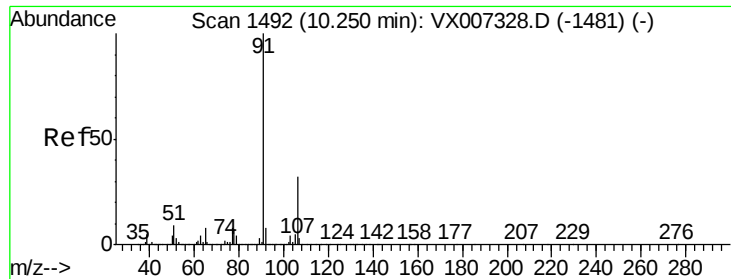


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 50.030 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007558.D

Acq: 14 Feb 2019 20:48

Instrument :

MSVOA_X

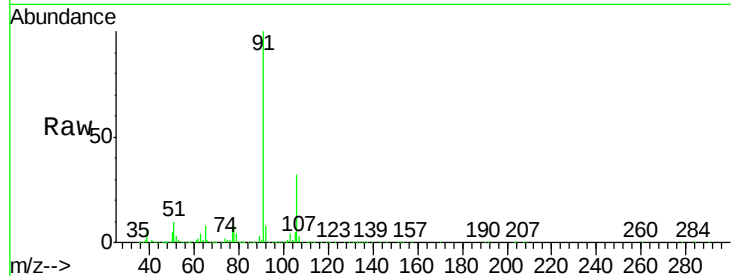
ClientSampled :

Tot Ion: 91 Resp: 1156098

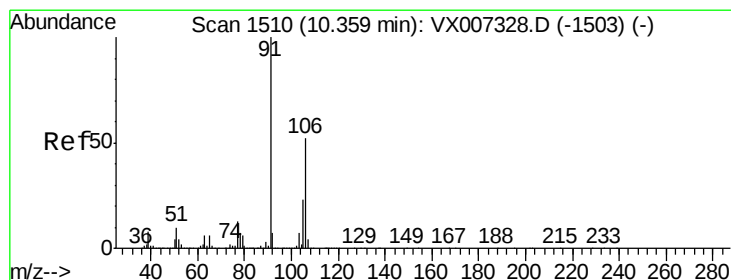
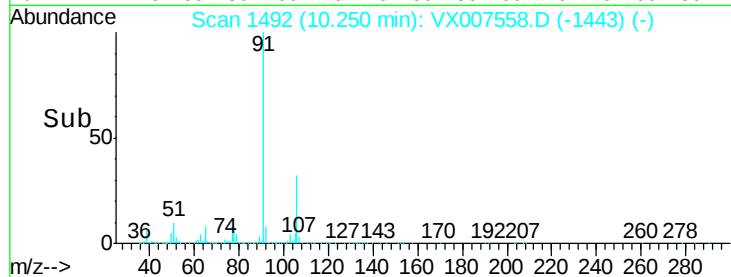
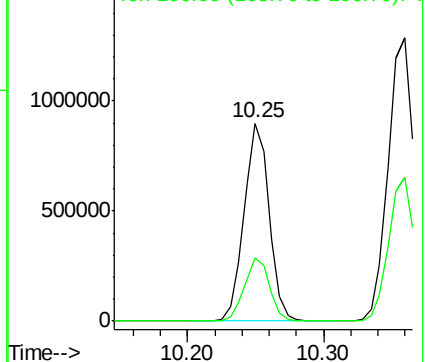
Ion Ratio Lower Upper

91 100

106 31.9 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX007558.D (-1443) (-)



#68

m/p-Xylenes

Concen: 94.821 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007558.D

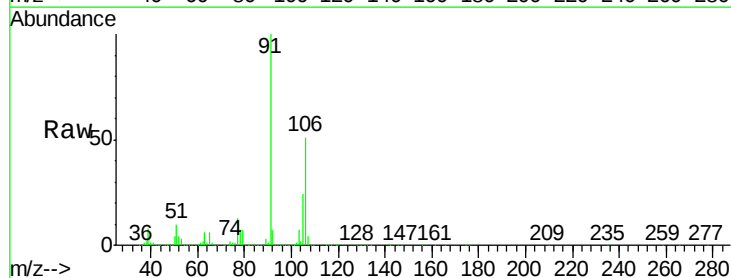
Acq: 14 Feb 2019 20:48

Tgt Ion: 106 Resp: 871005

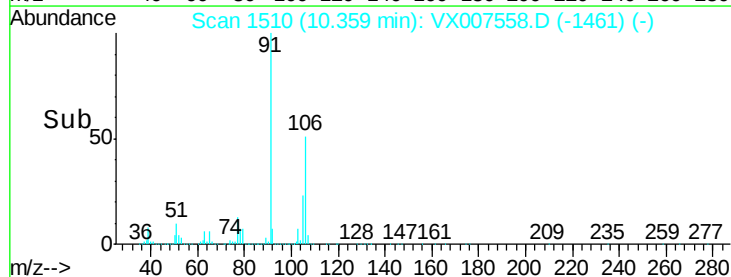
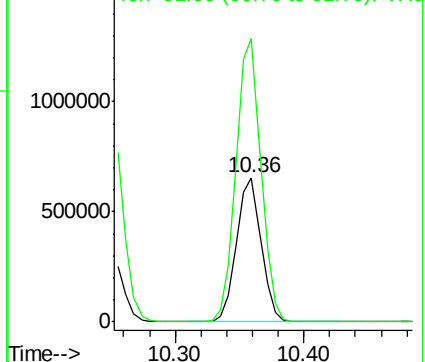
Ion Ratio Lower Upper

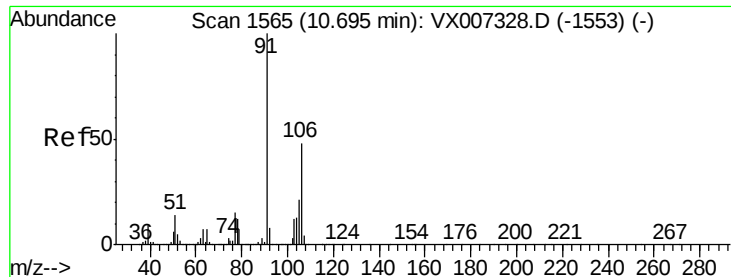
106 100

91 199.7 156.6 234.8



Abundance Ion 106.00 (105.70 to 106.70): VX007558.D (-1461) (-)

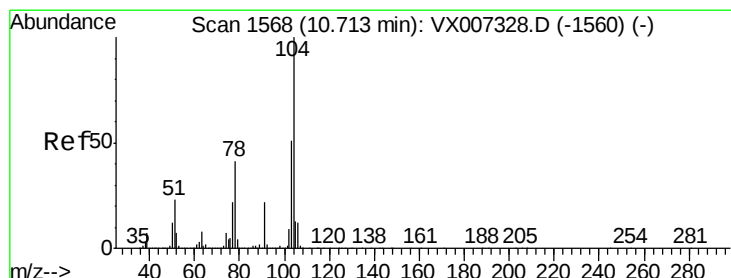
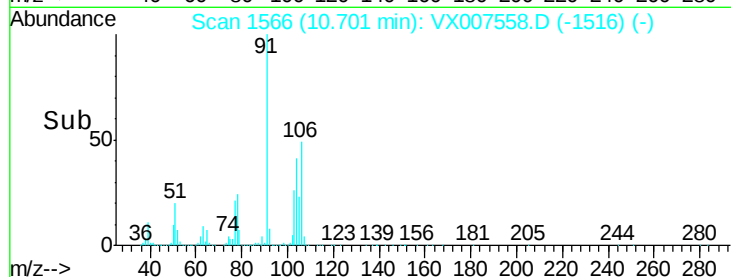
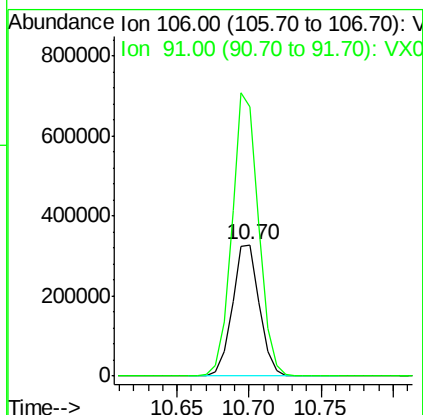
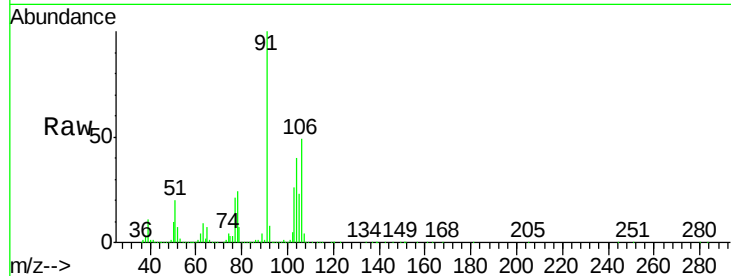




#69
o-Xylene
Concen: 48.685 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007558.D
Acq: 14 Feb 2019 20:48

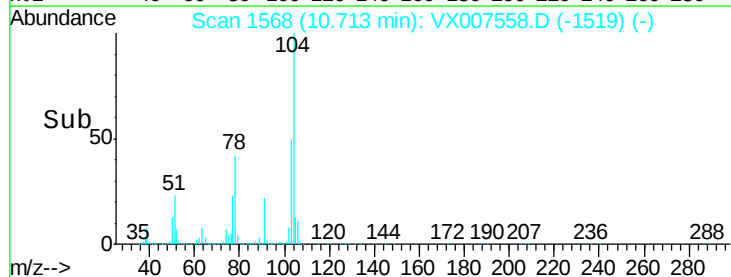
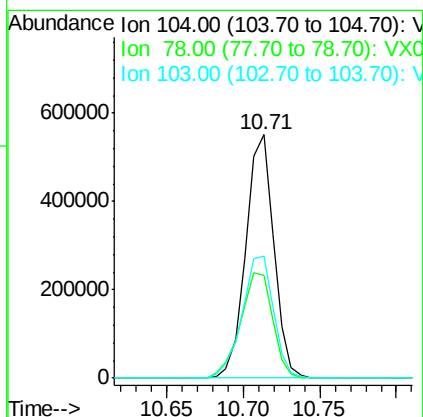
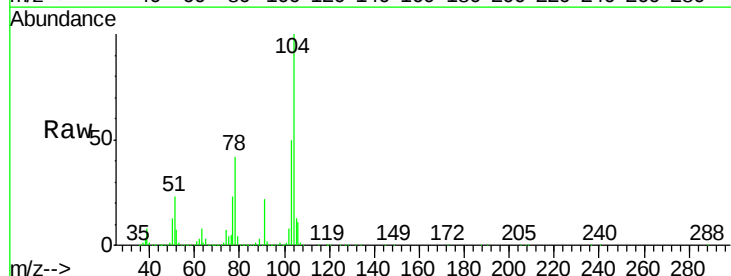
Instrument :
MSVOA_X
ClientSampleId :

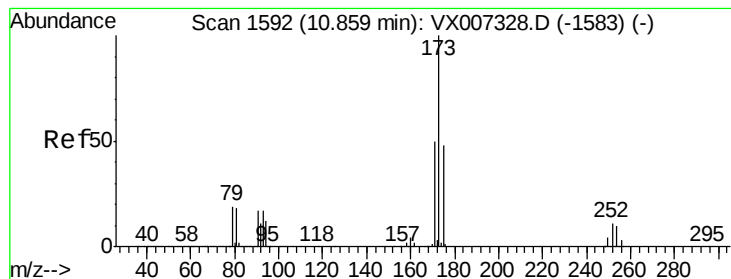
Tot Ion:106 Resp: 430326
Ion Ratio Lower Upper
106 100
91 211.4 102.9 308.7



#70
Styrene
Concen: 49.015 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007558.D
Acq: 14 Feb 2019 20:48

Tgt Ion:104 Resp: 702615
Ion Ratio Lower Upper
104 100
78 49.8 38.3 57.5
103 56.0 44.6 67.0





#71

Bromoform

Concen: 47.102 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007558.D

Acq: 14 Feb 2019 20:48

Instrument :

MSVOA_X

ClientSampleId :

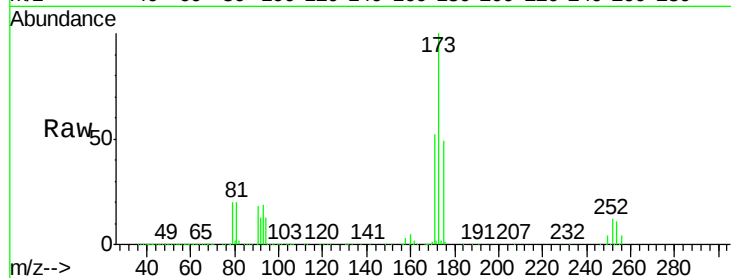
Tot Ion:173 Resp: 197679

Ion Ratio Lower Upper

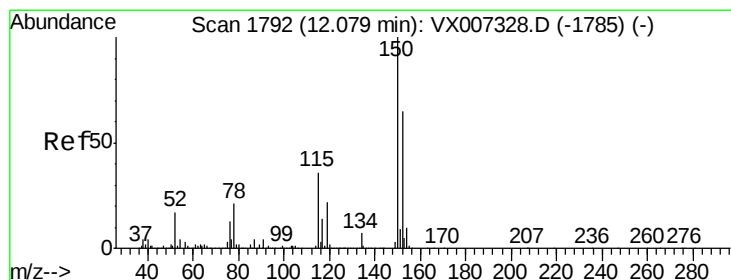
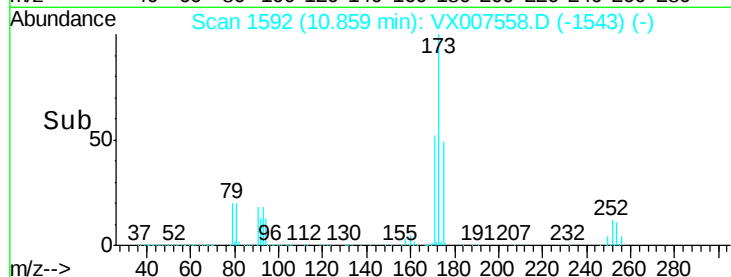
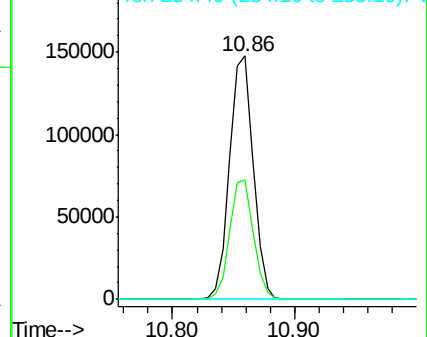
173 100

175 49.2 24.2 72.6

254 0.1 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: VX007558.D

Acq: 14 Feb 2019 20:48

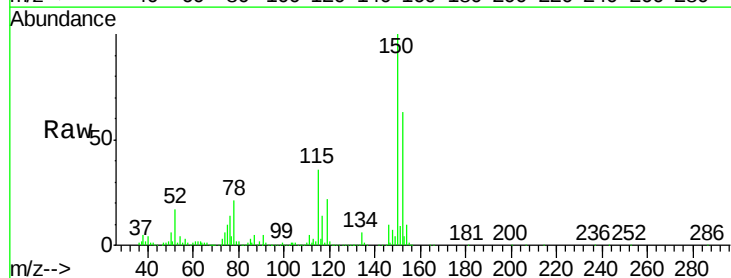
Tgt Ion:152 Resp: 344432

Ion Ratio Lower Upper

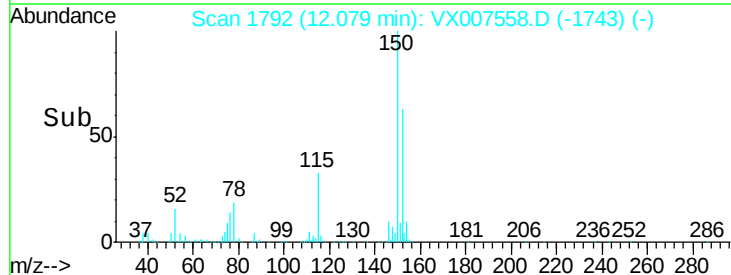
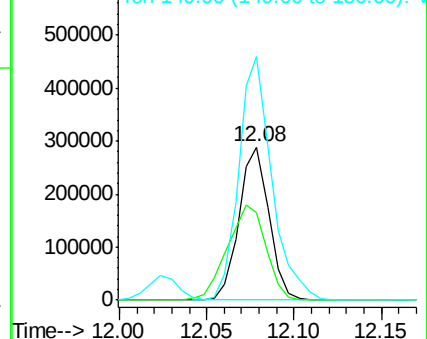
152 100

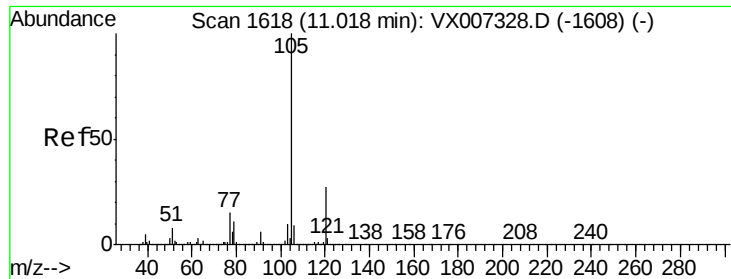
115 79.6 38.0 114.0

150 174.1 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: 50.194 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007558.D

Acq: 14 Feb 2019 20:48

Instrument :

MSVOA_X

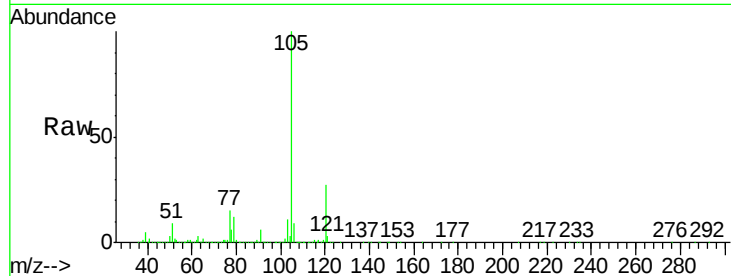
ClientSampleId :

Tot Ion:105 Resp: 1174844

Ion Ratio Lower Upper

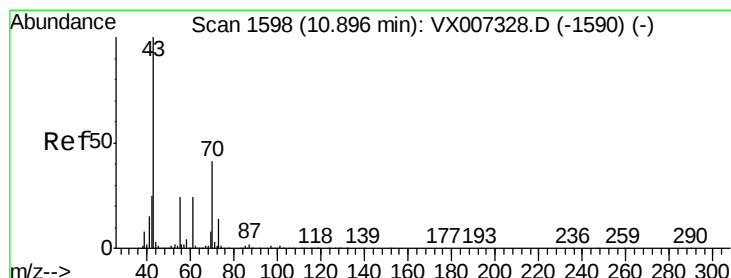
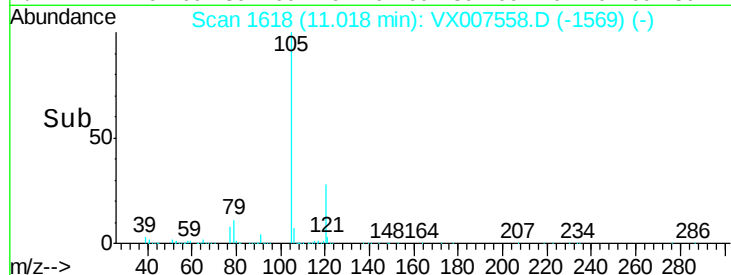
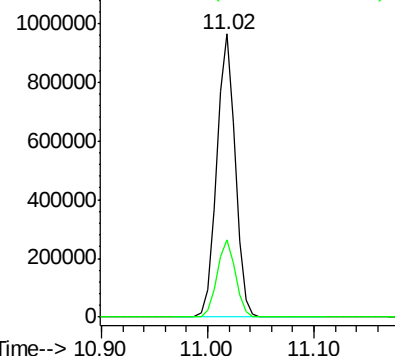
105 100

120 27.1 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.591 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007558.D

Acq: 14 Feb 2019 20:48

Tgt Ion: 43 Resp: 494226

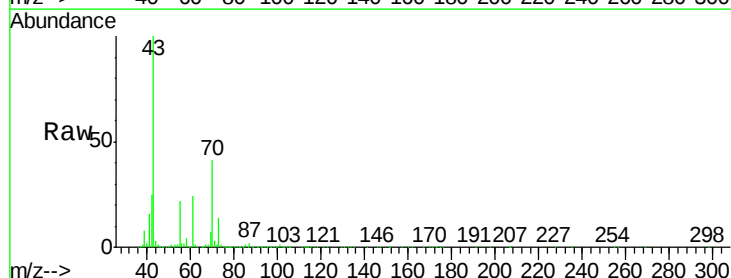
Ion Ratio Lower Upper

43 100

70 40.8 33.8 50.6

55 22.6 19.5 29.3

61 23.6 19.4 29.2

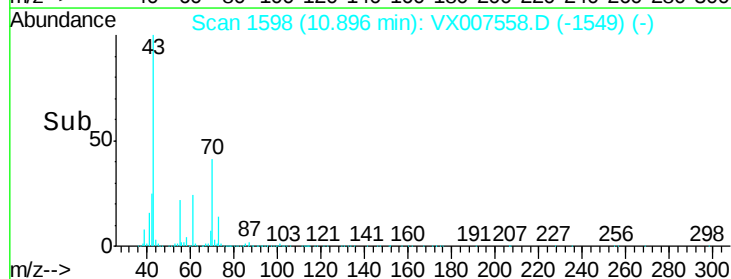
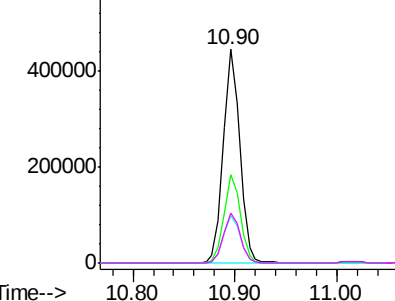


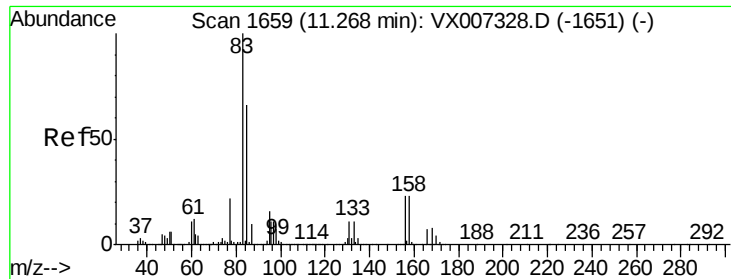
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.133 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007558.D

Acq: 14 Feb 2019 20:48

Instrument :

MSVOA_X

ClientSampleId :

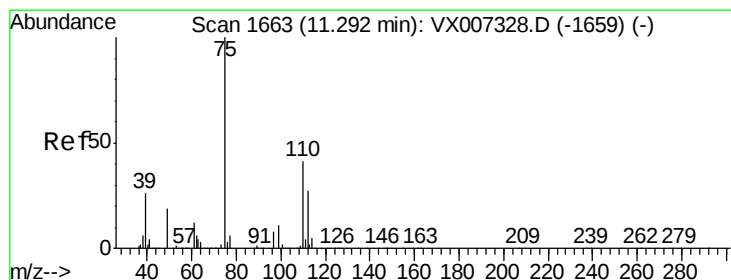
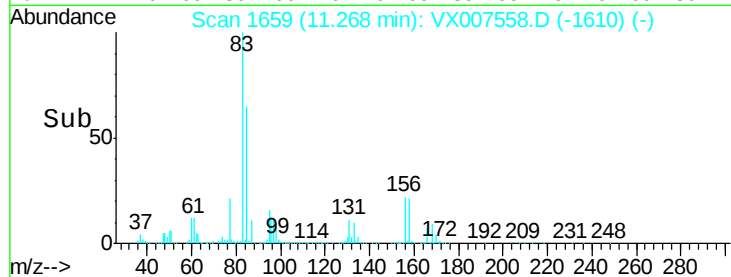
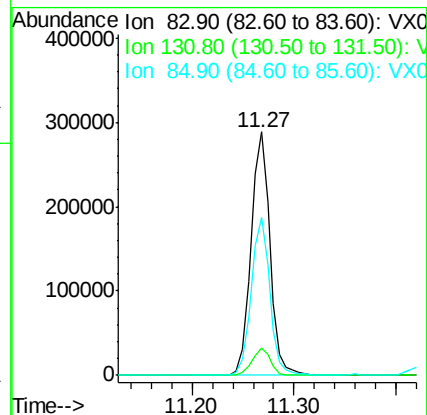
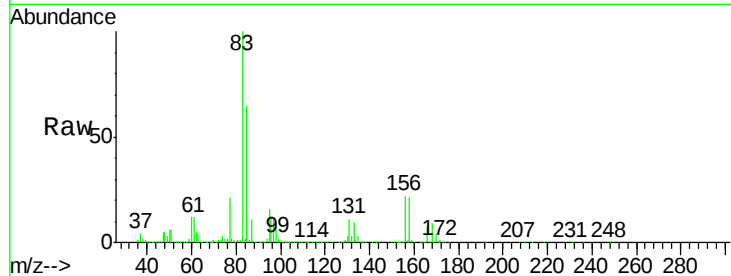
Tot Ion: 83 Resp: 371873

Ion Ratio Lower Upper

83 100

131 11.0 5.7 17.0

85 64.0 32.8 98.3



#76

1,2,3-Trichloropropane

Concen: 62.252 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX007558.D

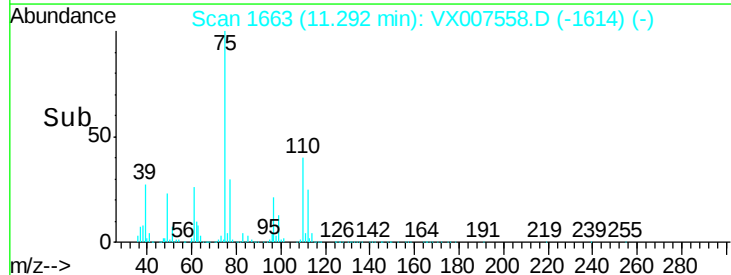
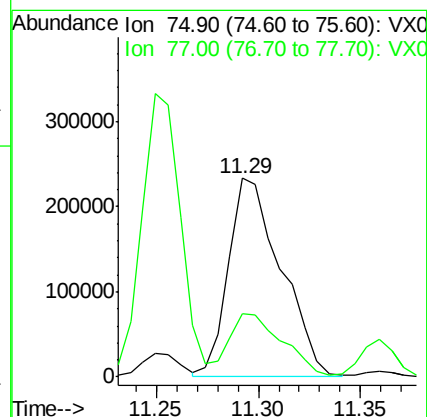
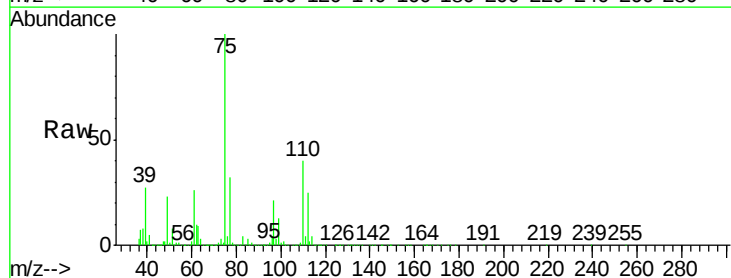
Acq: 14 Feb 2019 20:48

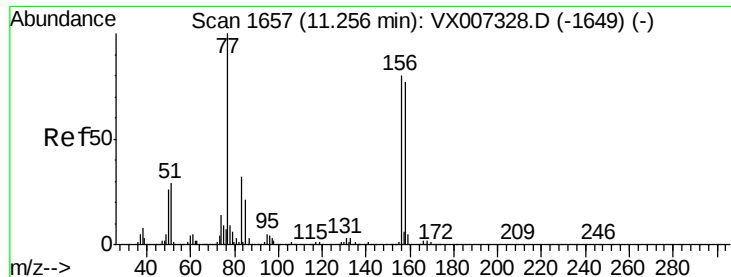
Tgt Ion: 75 Resp: 417063

Ion Ratio Lower Upper

75 100

77 32.5 23.0 69.0





#77

Bromobenzene

Concen: 47.145 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007558.D

Acq: 14 Feb 2019 20:48

Instrument :

MSVOA_X

ClientSampleId :

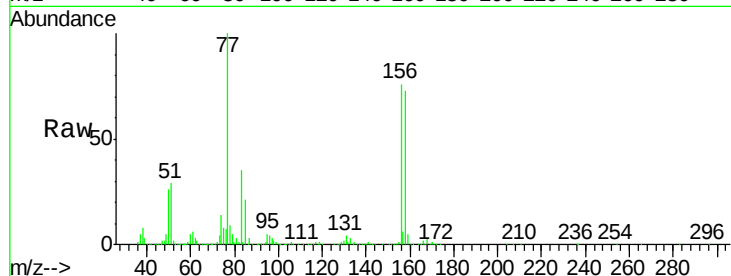
Tot Ion:156 Resp: 310912

Ion Ratio Lower Upper

156 100

77 140.2 66.8 200.6

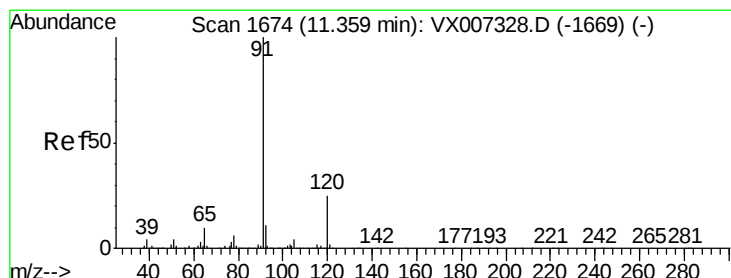
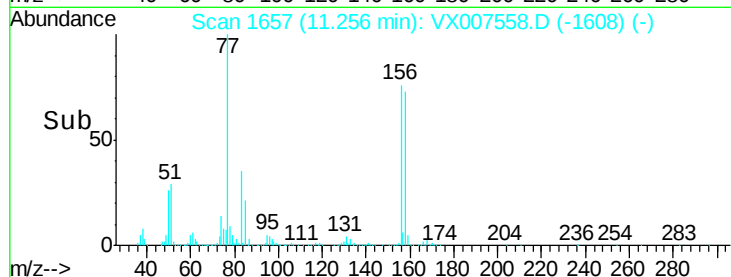
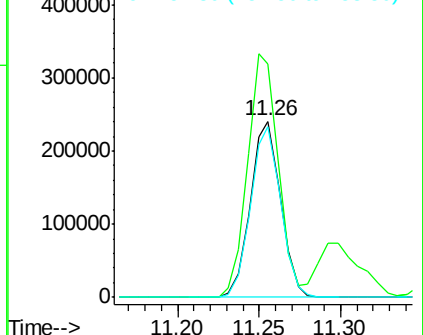
158 96.6 47.9 143.8



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: 51.522 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007558.D

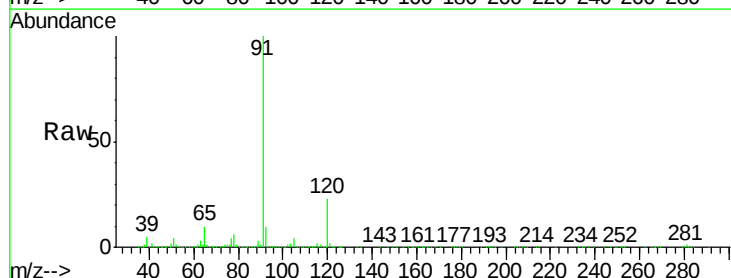
Acq: 14 Feb 2019 20:48

Tgt Ion: 91 Resp: 1322371

Ion Ratio Lower Upper

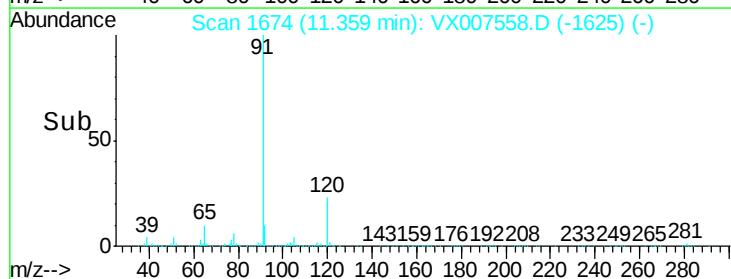
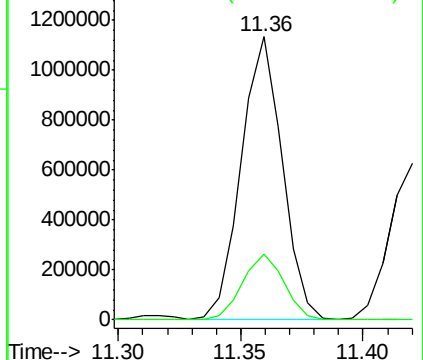
91 100

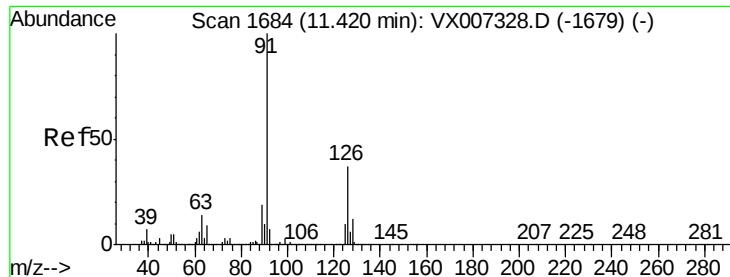
120 23.9 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

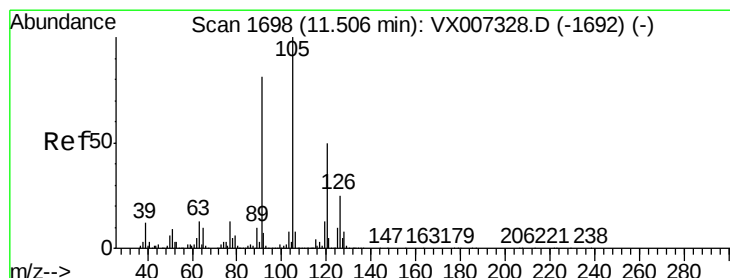
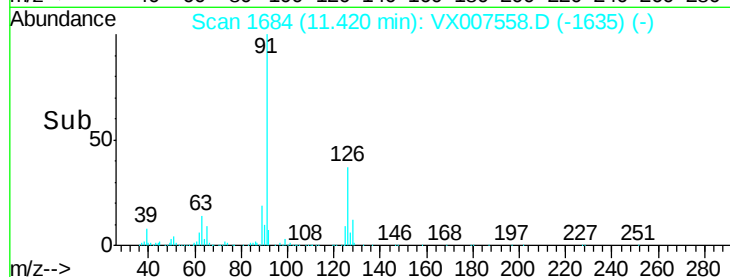
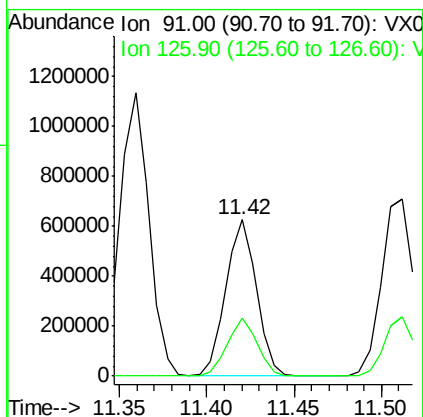
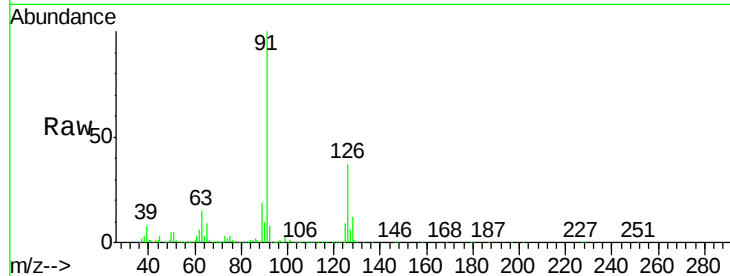




#79
 2-Chlorotoluene
 Concen: 49.059 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX007558.D
 Acq: 14 Feb 2019 20:48

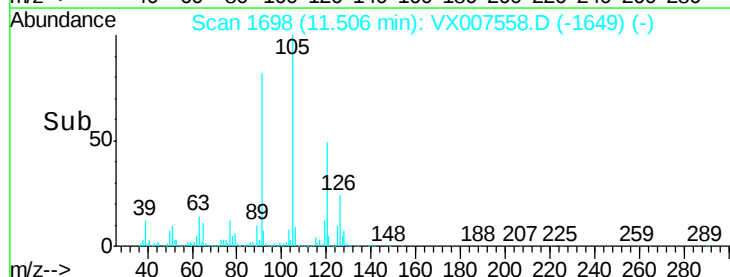
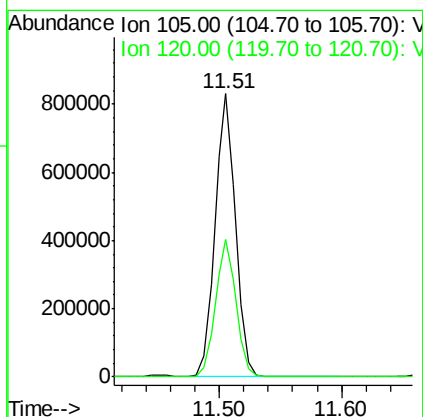
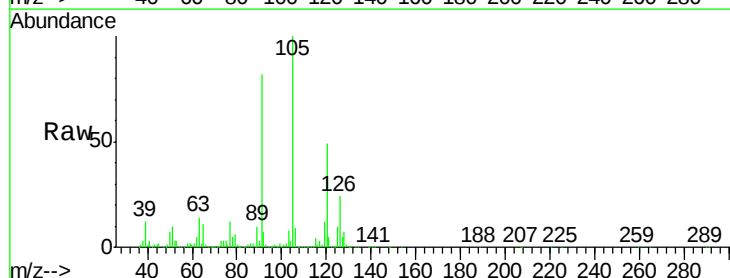
Instrument :
 MSVOA_X
 ClientSampleId :

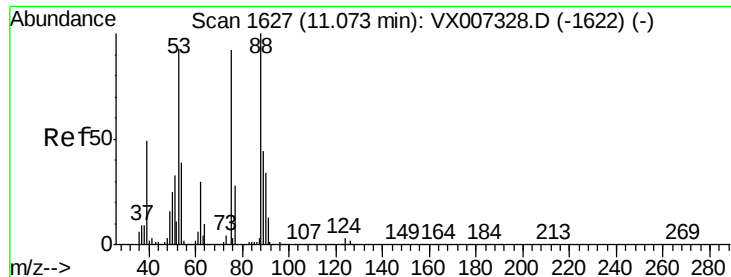
Tot Ion: 91 Resp: 764027
 Ion Ratio Lower Upper
 91 100
 126 36.5 18.7 56.1



#80
 1,3,5-Trimethylbenzene
 Concen: 50.599 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX007558.D
 Acq: 14 Feb 2019 20:48

Tgt Ion: 105 Resp: 968915
 Ion Ratio Lower Upper
 105 100
 120 48.7 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 46.848 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007558.D

Acq: 14 Feb 2019 20:48

Instrument :

MSVOA_X

ClientSampleId :

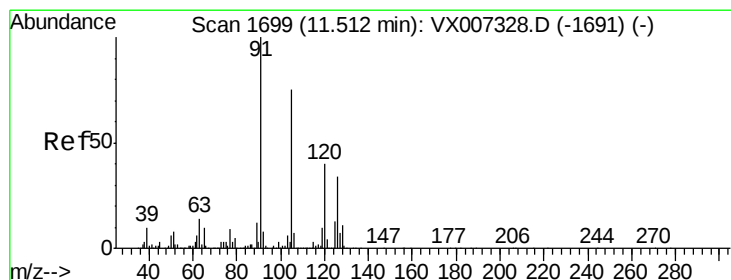
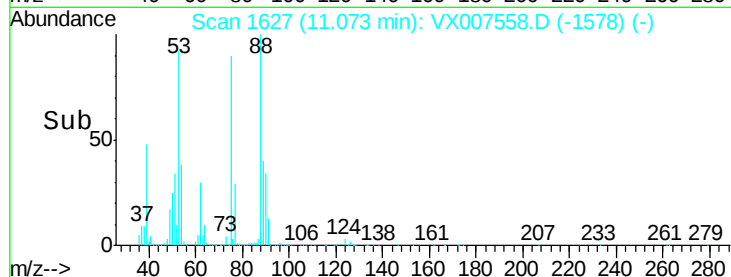
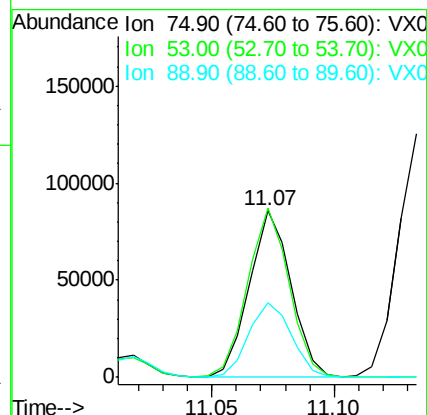
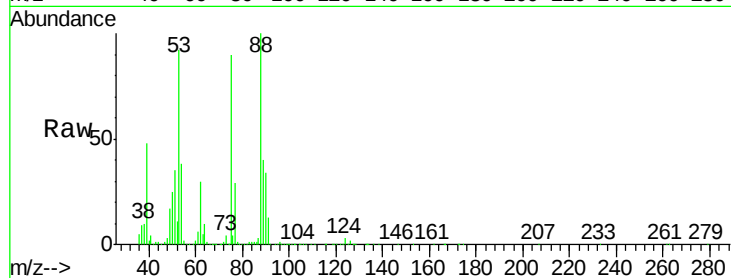
Tot Ion: 75 Resp: 100912

Ion Ratio Lower Upper

75 100

53 101.4 81.0 121.6

89 46.8 41.4 62.0



#82

4-Chlorotoluene

Concen: 49.988 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007558.D

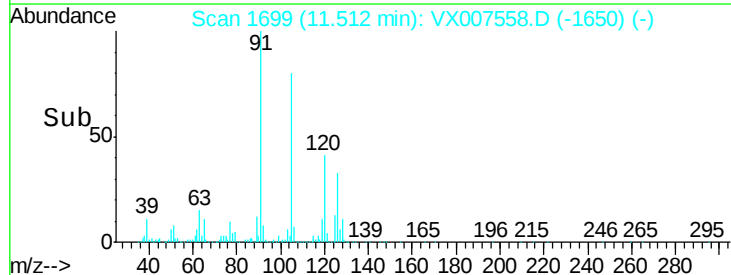
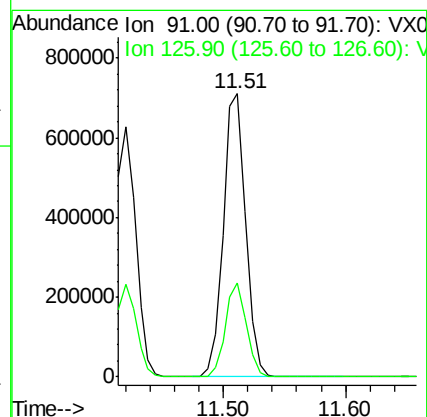
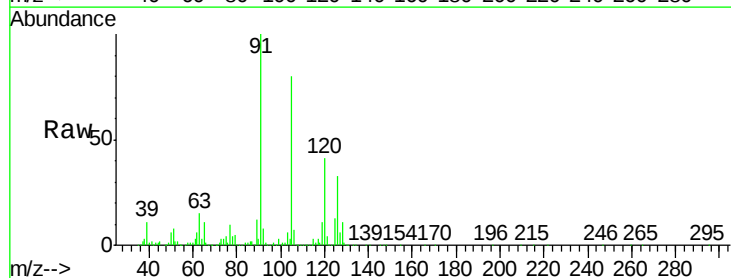
Acq: 14 Feb 2019 20:48

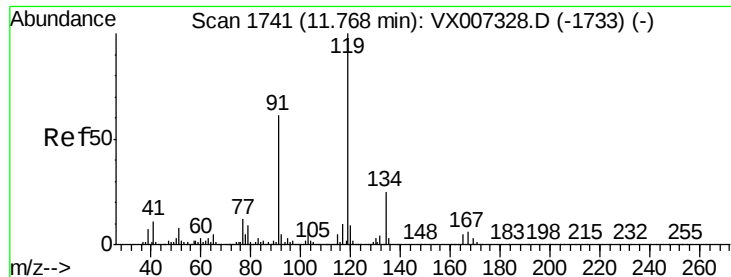
Tgt Ion: 91 Resp: 900812

Ion Ratio Lower Upper

91 100

126 31.3 16.2 48.5





#83

tert-Butylbenzene

Concen: 49.897 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007558.D

Acq: 14 Feb 2019 20:48

Instrument :

MSVOA_X

ClientSampleId :

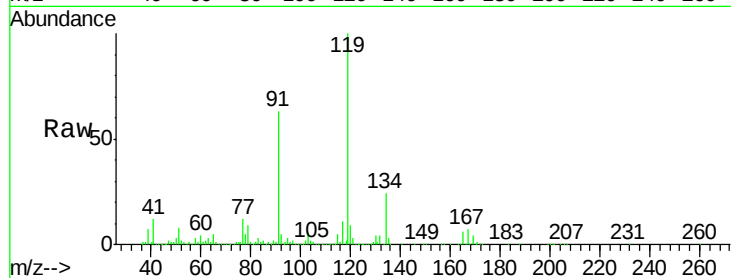
Tot Ion:119 Resp: 945978

Ion Ratio Lower Upper

119 100

91 58.0 28.5 85.6

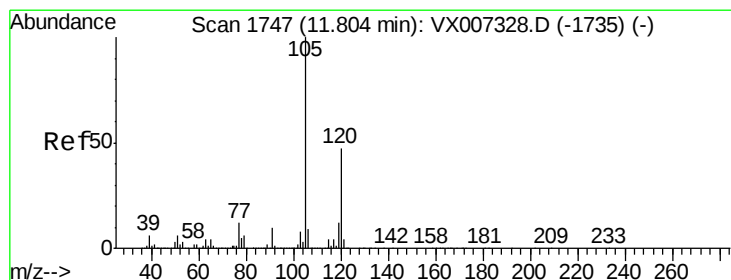
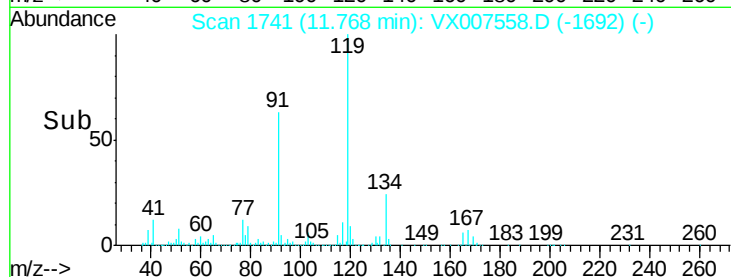
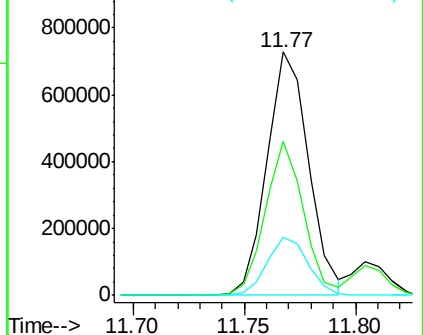
134 23.6 12.0 36.0



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: 51.347 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007558.D

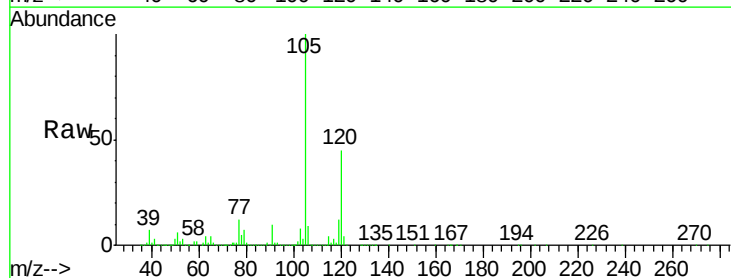
Acq: 14 Feb 2019 20:48

Tgt Ion:105 Resp: 998212

Ion Ratio Lower Upper

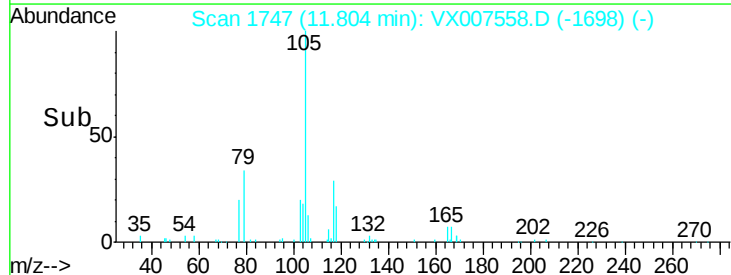
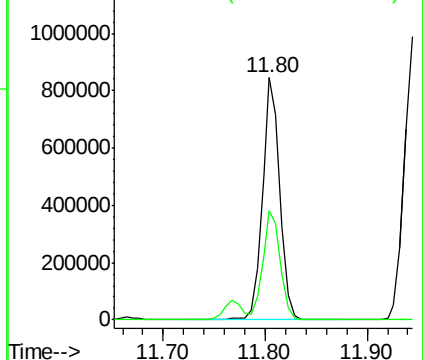
105 100

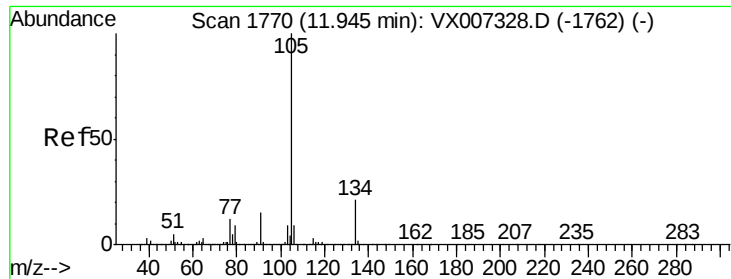
120 45.2 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.321 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007558.D

Acq: 14 Feb 2019 20:48

Instrument :

MSVOA_X

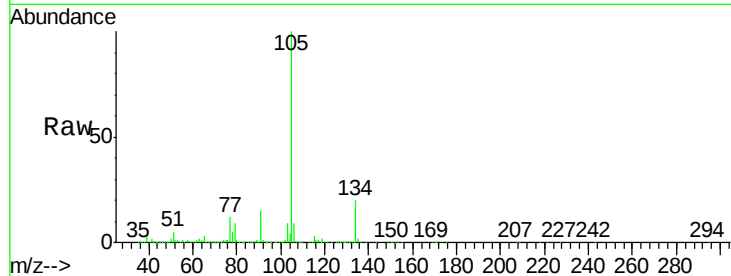
ClientSampled :

Tot Ion:105 Resp: 1154659

Ion Ratio Lower Upper

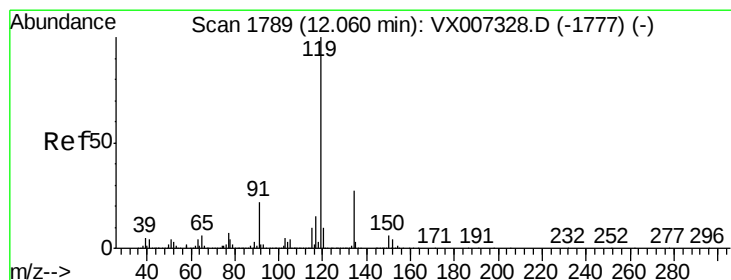
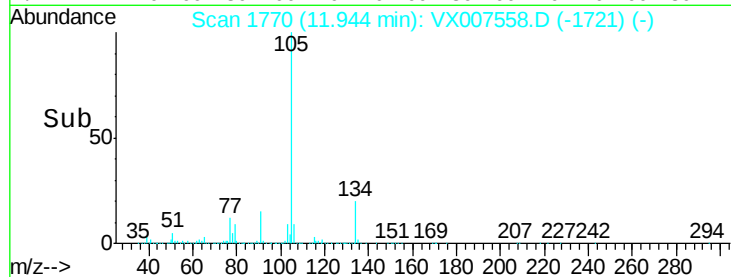
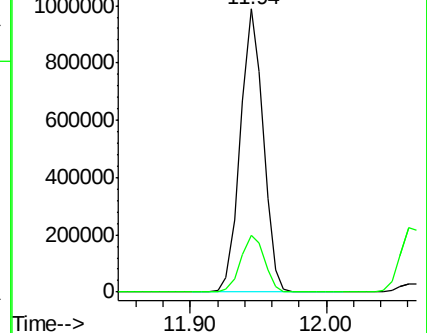
105 100

134 21.0 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: 49.948 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007558.D

Acq: 14 Feb 2019 20:48

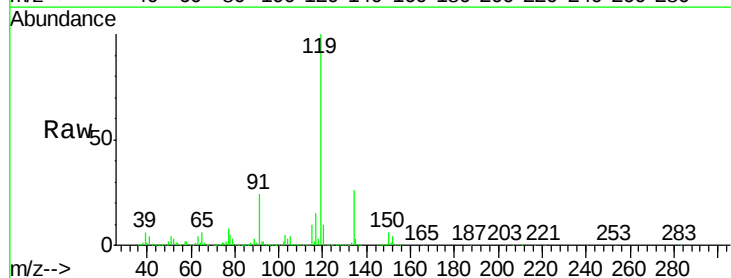
Tgt Ion:119 Resp: 1034580

Ion Ratio Lower Upper

119 100

134 26.9 13.7 41.1

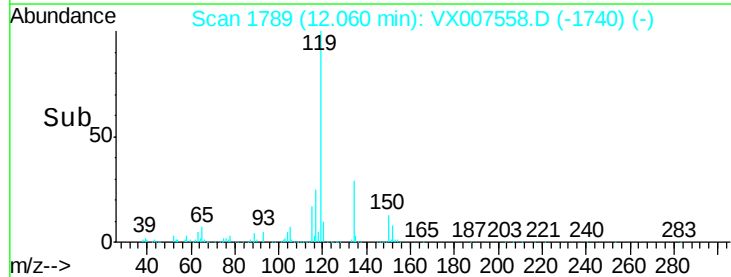
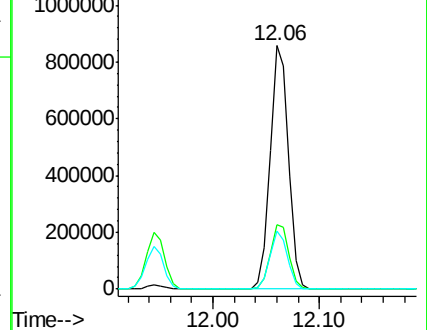
91 23.3 11.2 33.5

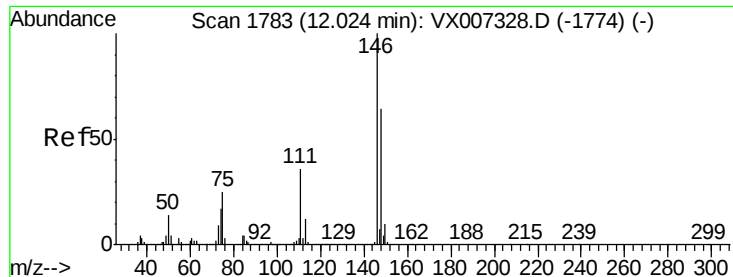


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

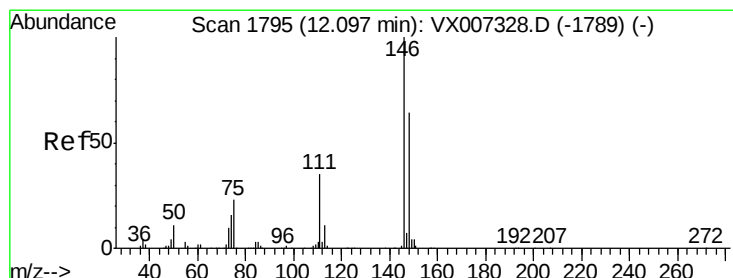
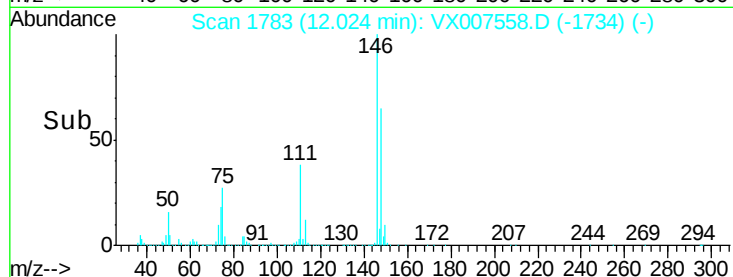
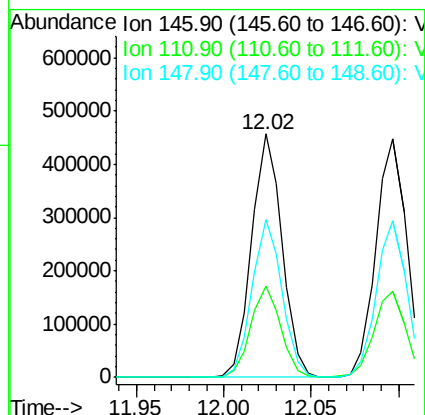
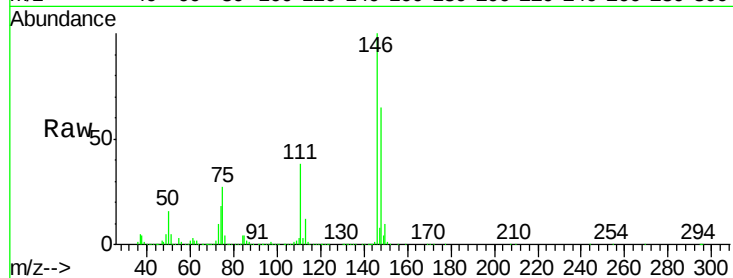




#87
 1,3-Dichlorobenzene
 Concen: 46.622 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007558.D
 Acq: 14 Feb 2019 20:48

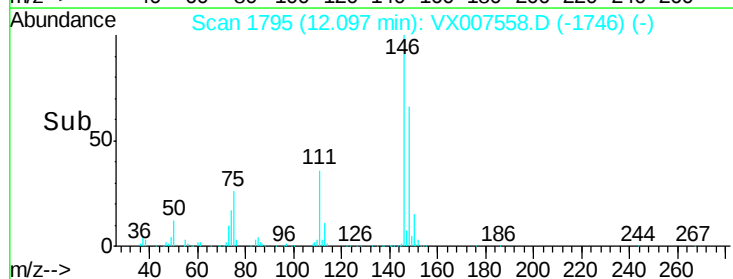
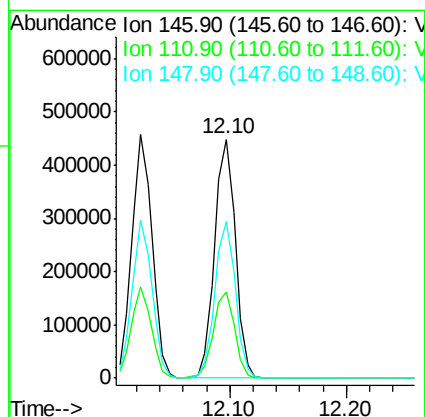
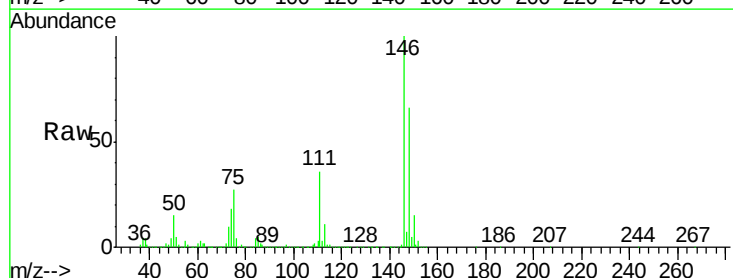
Instrument :
 MSVOA_X
 ClientSampleId :

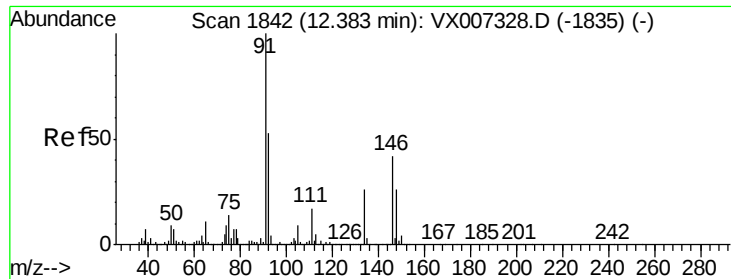
Tot Ion:146 Resp: 551789
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.1 54.1
 148 63.8 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 45.839 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007558.D
 Acq: 14 Feb 2019 20:48

Tgt Ion:146 Resp: 550418
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.1 54.1
 148 64.7 32.3 96.9

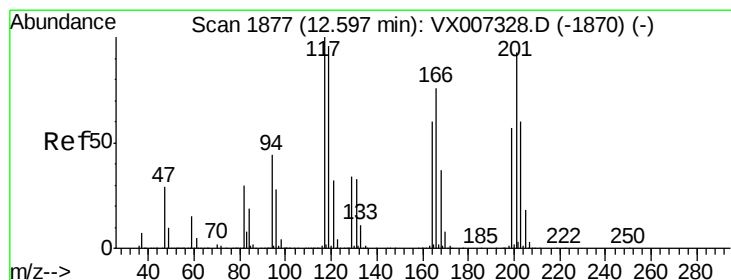
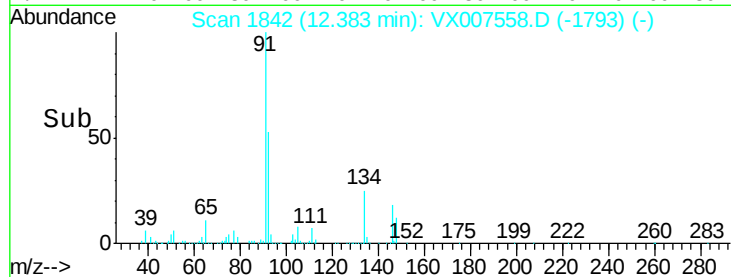
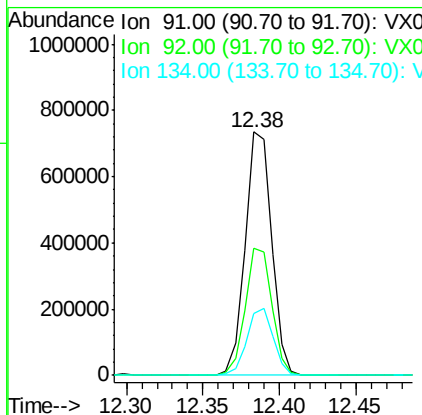
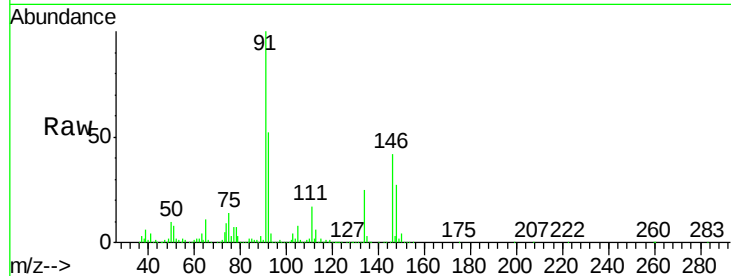




#89
n-Butylbenzene
Concen: 49.489 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX007558.D
Acq: 14 Feb 2019 20:48

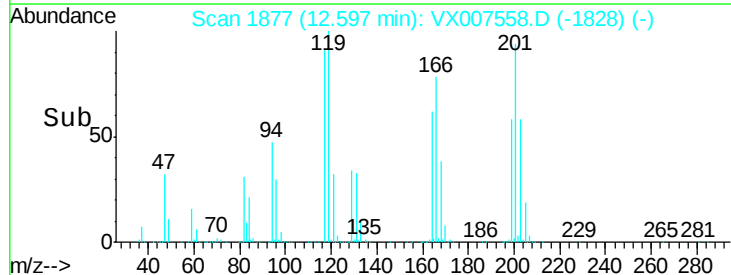
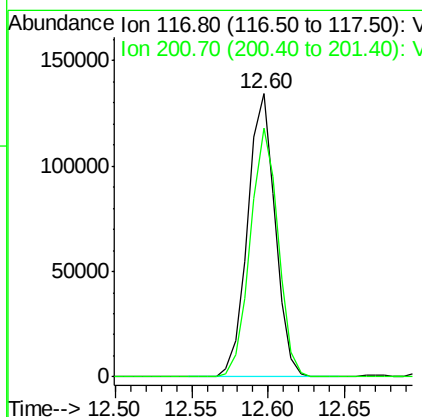
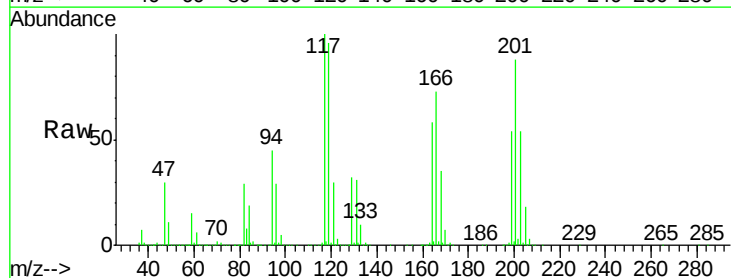
Instrument :
MSVOA_X
ClientSampleId :

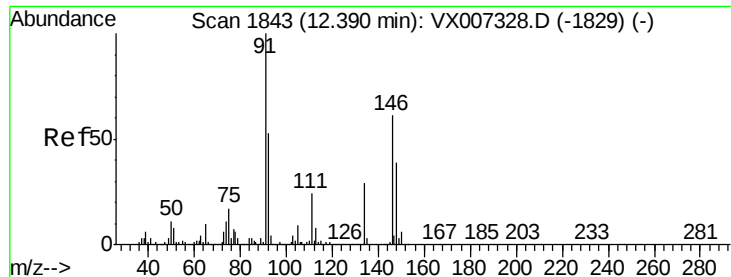
Tot Ion: 91 Resp: 881808
Ion Ratio Lower Upper
91 100
92 52.7 26.3 78.9
134 27.3 13.9 41.6



#90
Hexachloroethane
Concen: 53.812 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007558.D
Acq: 14 Feb 2019 20:48

Tgt Ion: 117 Resp: 166817
Ion Ratio Lower Upper
117 100
201 89.4 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 46.489 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007558.D

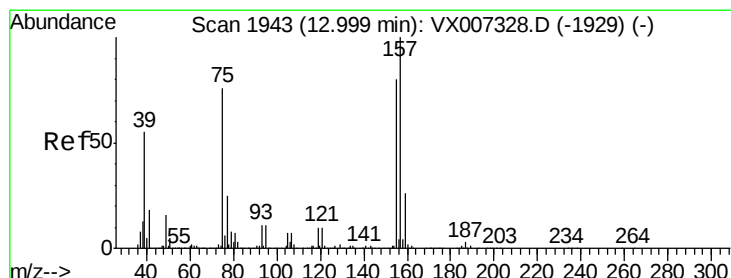
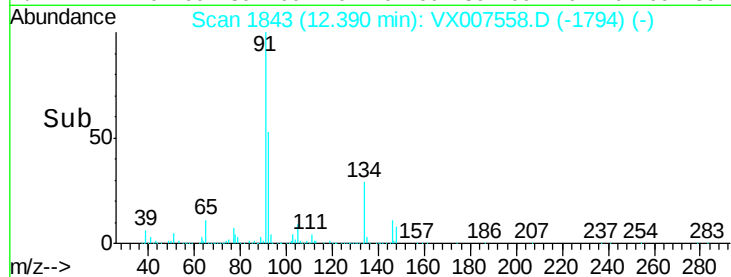
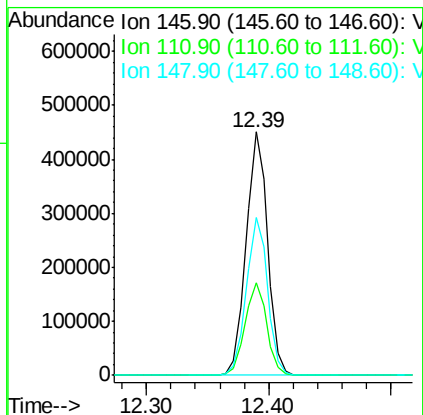
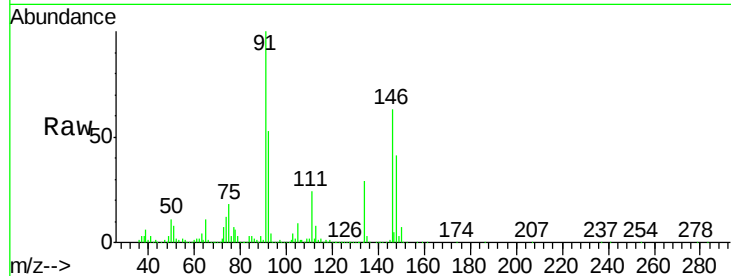
Acq: 14 Feb 2019 20:48

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	146	Resp:	547567
Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.1	57.3
148	64.4	32.1	96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.439 ug/l

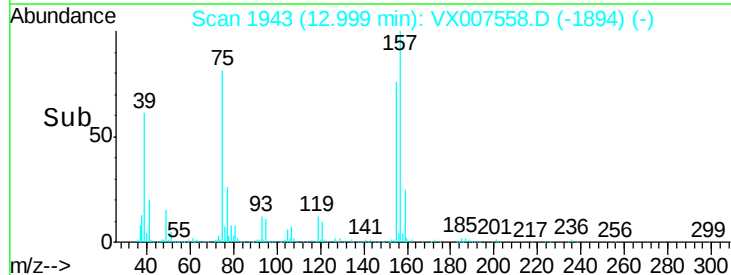
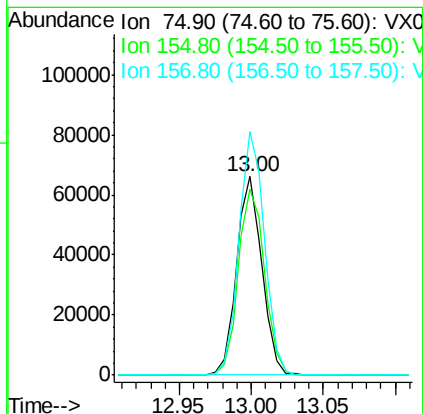
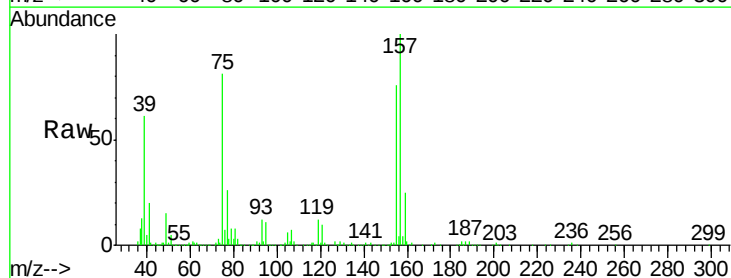
RT: 13.00 min Scan# 1943

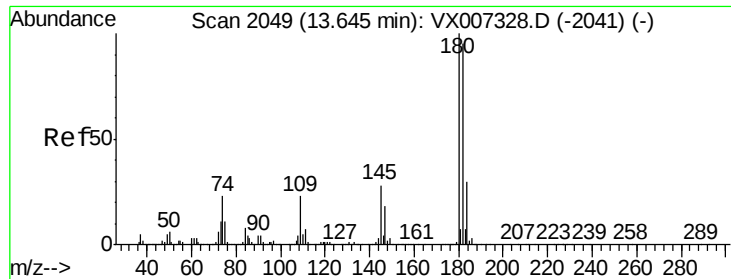
Delta R.T. -0.00 min

Lab File: VX007558.D

Acq: 14 Feb 2019 20:48

Tgt Ion:	75	Resp:	80745
Ion	Ratio	Lower	Upper
75	100		
155	97.5	49.6	149.0
157	123.8	65.1	195.3

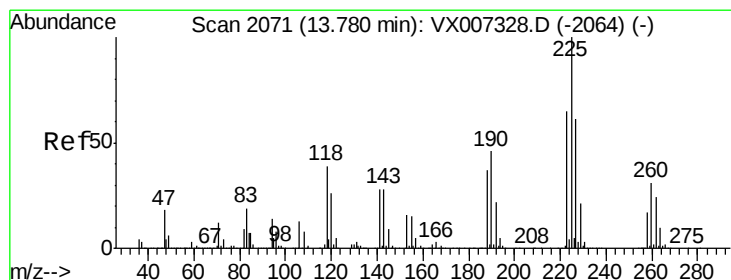
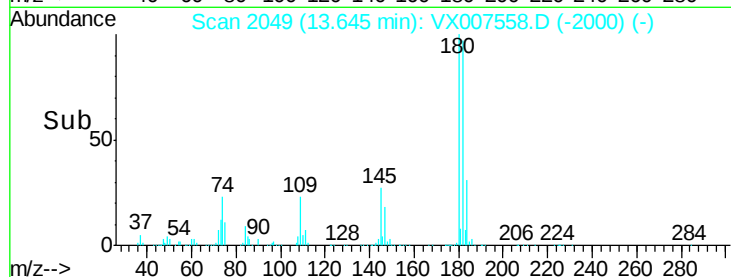
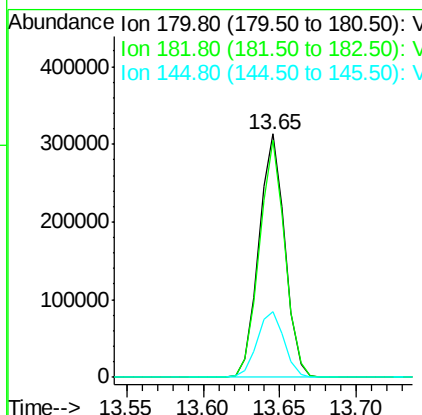
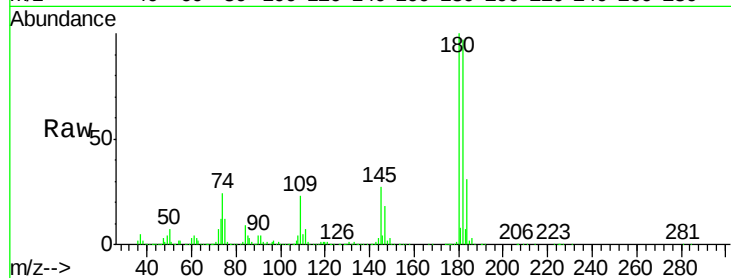




#93
 1,2,4-Trichlorobenzene
 Concen: 46.679 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007558.D
 Acq: 14 Feb 2019 20:48

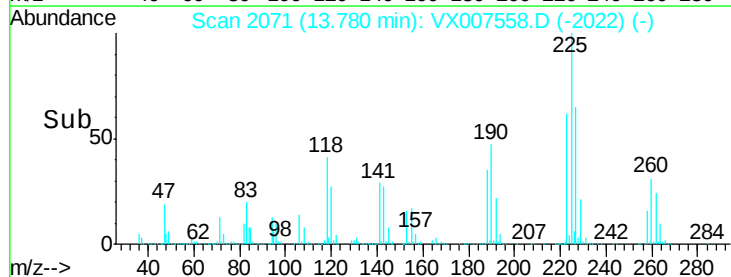
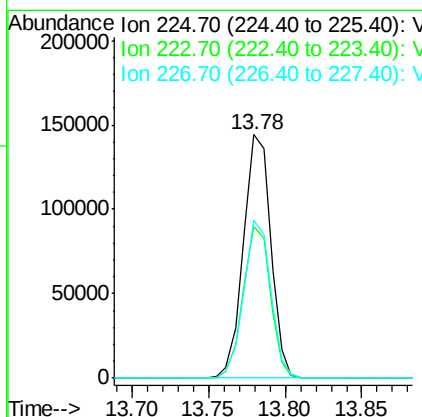
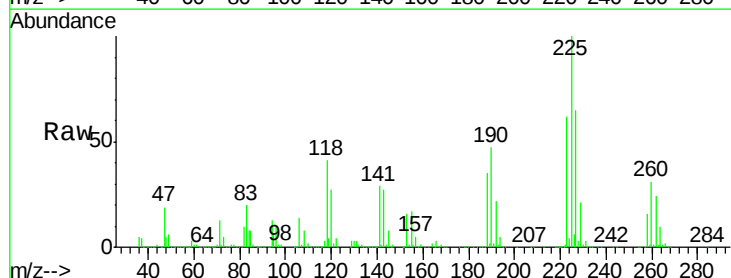
Instrument :
 MSVOA_X
 ClientSampleId :

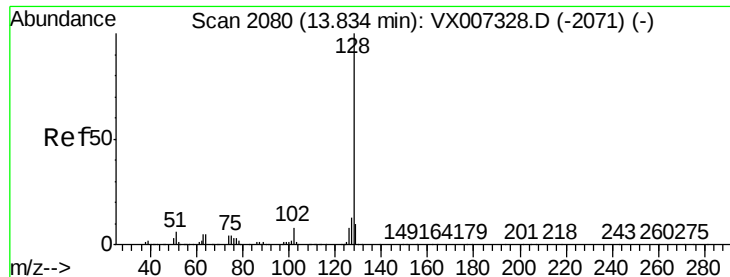
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.8	143.3
145	28.2	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 46.443 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007558.D
 Acq: 14 Feb 2019 20:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.6	94.8
227	64.0	32.1	96.3





#95

Naphthalene

Concen: 51.195 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007558.D

Acq: 14 Feb 2019 20:48

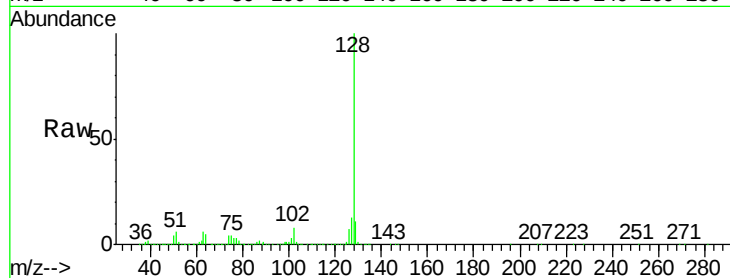
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:128 Resp: 1189202

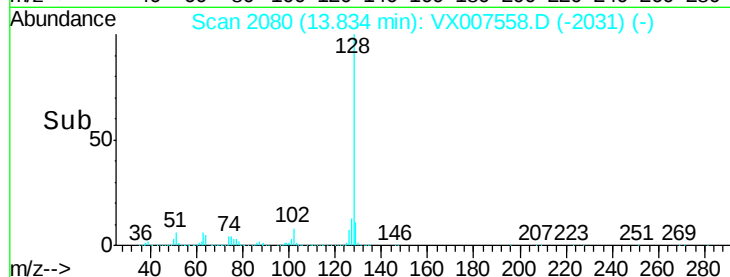
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	10.9	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

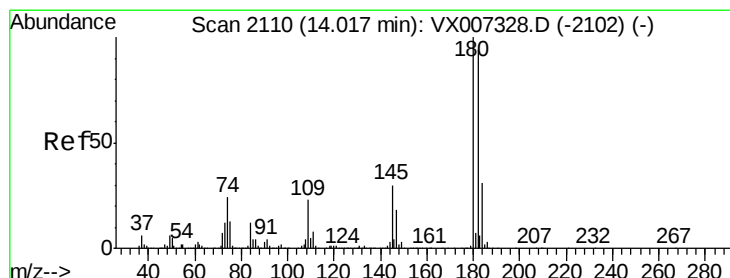
Ion 129.00 (128.70 to 129.70): V



Time-->

13.83

13.70 13.80 13.90



#96

1,2,3-Trichlorobenzene

Concen: 46.069 ug/l

RT: 14.02 min Scan# 2110

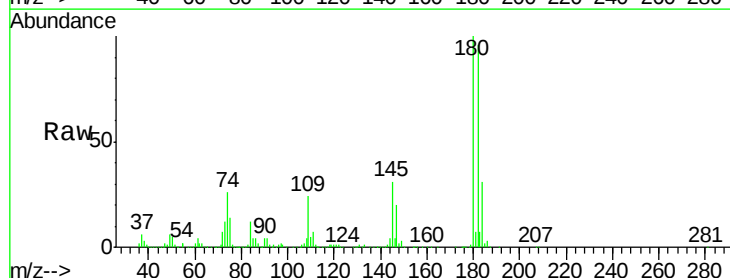
Delta R.T. -0.00 min

Lab File: VX007558.D

Acq: 14 Feb 2019 20:48

Tgt Ion:180 Resp: 368353

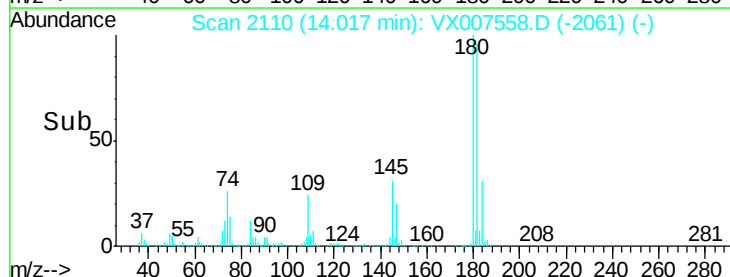
Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.5	142.6
145	30.6	14.9	44.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V



Time-->

14.02

13.90 14.00 14.10