

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021519\
 Data File : VX007540.D
 Acq On : 14 Feb 2019 12:48
 Operator : JC/SP
 Sample : VX0215WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 15 02:41:43 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	466684	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	693461	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	622997	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	316315	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	250517	50.57	ug/l	0.00
Spiked Amount			Recovery	=	101.14%	
35) Dibromofluoromethane	5.51	113	229313	50.82	ug/l	0.00
Spiked Amount			Recovery	=	101.64%	
50) Toluene-d8	8.71	98	832035	49.70	ug/l	0.00
Spiked Amount			Recovery	=	99.40%	
62) 4-Bromofluorobenzene	11.13	95	286530	46.88	ug/l	0.00
Spiked Amount			Recovery	=	93.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	101855	17.875	ug/l	99
3) Chloromethane	1.33	50	90352	17.189	ug/l	98
4) Vinyl Chloride	1.42	62	97146	18.838	ug/l	100
5) Bromomethane	1.64	94	89826	17.296	ug/l	100
6) Chloroethane	1.73	64	60980	18.280	ug/l	98
7) Trichlorofluoromethane	1.93	101	157377	19.509	ug/l	95
8) Diethyl Ether	2.20	74	58768	19.355	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	87211	18.175	ug/l	98
10) Methyl Iodide	2.51	142	106713	15.118	ug/l	98
11) Tert butyl alcohol	3.07	59	108023	105.376	ug/l	99
12) 1,1-Dichloroethene	2.38	96	80598	18.088	ug/l	99
13) Acrolein	2.30	56	38025	79.102	ug/l	93
14) Allyl chloride	2.73	41	139550	19.221	ug/l	99
15) Acrylonitrile	3.15	53	257257	101.444	ug/l	99
16) Acetone	2.45	43	248300	109.429	ug/l	97
17) Carbon Disulfide	2.57	76	186913	17.482	ug/l	98
18) Methyl Acetate	2.78	43	140089	24.008	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	279056	19.331	ug/l	99
20) Methylene Chloride	2.86	84	92216	19.658	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	84463	17.794	ug/l	99
22) Diisopropyl ether	3.87	45	267338	20.018	ug/l	97
23) Vinyl Acetate	3.83	43	1106585	99.853	ug/l	99
24) 1,1-Dichloroethane	3.70	63	150856	19.670	ug/l	98
25) 2-Butanone	4.70	43	343182	106.277	ug/l	98
26) 2,2-Dichloropropane	4.59	77	113289	19.397	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	98663	19.030	ug/l	99
28) Bromochloromethane	5.02	49	69727	19.770	ug/l	96
29) Tetrahydrofuran	5.16	42	218596	107.635	ug/l	99
30) Chloroform	5.21	83	163025	20.371	ug/l	97
31) Cyclohexane	5.58	56	125482	18.217	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	135290	20.027	ug/l	98
36) 1,1-Dichloropropene	5.81	75	113947	18.314	ug/l	99
37) Ethyl Acetate	4.86	43	123791	19.682	ug/l	98
38) Carbon Tetrachloride	5.79	117	116890	19.364	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	133342	17.713	ug/l	97
40) Benzene	6.15	78	350841	19.142	ug/l	99
41) Methacrylonitrile	5.07	41	67371	19.986	ug/l	98
42) 1,2-Dichloroethane	6.20	62	119428	18.833	ug/l	99
43) Isopropyl Acetate	6.46	43	192967	19.877	ug/l	99
44) Trichloroethene	7.21	130	102514	18.571	ug/l	100
45) 1,2-Dichloropropane	7.52	63	88127	19.191	ug/l	98
46) Dibromomethane	7.66	93	63906	19.147	ug/l	97
47) Bromodichloromethane	7.90	83	112094	19.817	ug/l	98
48) Methyl methacrylate	7.77	41	98979	20.383	ug/l	99
49) 1,4-Dioxane	7.75	88	47159	430.973	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	653300	102.223	ug/l	100
52) Toluene	8.79	92	225109	19.036	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	114277	18.808	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	130954	19.599	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	96039	19.484	ug/l	97
56) Ethyl methacrylate	9.18	69	133770	19.594	ug/l	96
57) 1,3-Dichloropropane	9.37	76	151869	19.374	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	345565	96.033	ug/l	99
59) 2-Hexanone	9.49	43	508833	102.314	ug/l	99
60) Dibromochloromethane	9.59	129	93841	20.129	ug/l	98
61) 1,2-Dibromoethane	9.67	107	101761	19.494	ug/l	98
64) Tetrachloroethene	9.34	164	104012	17.713	ug/l	98
65) Chlorobenzene	10.14	112	260884	19.190	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	93995	20.622	ug/l	99
67) Ethyl Benzene	10.25	91	415922	18.998	ug/l	97
68) m/p-Xylenes	10.36	106	327221	37.600	ug/l	99
69) o-Xylene	10.70	106	163263	19.496	ug/l	97
70) Styrene	10.71	104	256514	18.888	ug/l	99
71) Bromoform	10.86	173	69835	20.090	ug/l	99
73) Isopropylbenzene	11.02	105	425233	19.783	ug/l	99
74) N-amyl acetate	10.90	43	163994	19.725	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	140379	21.429	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	152973	24.863	ug/l	81
77) Bromobenzene	11.26	156	116209	19.188	ug/l	98
78) n-propylbenzene	11.36	91	469558	19.921	ug/l	99
79) 2-Chlorotoluene	11.42	91	281430	19.677	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	350020	19.904	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	35895	20.736	ug/l	95
82) 4-Chlorotoluene	11.51	91	324754	19.623	ug/l	100
83) tert-Butylbenzene	11.77	119	345281	19.831	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	362235	20.289	ug/l	98
85) sec-Butylbenzene	11.94	105	421585	20.006	ug/l	100
86) p-Isopropyltoluene	12.06	119	374104	19.667	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	202792	18.657	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	203591	18.462	ug/l	99
89) n-Butylbenzene	12.38	91	307249	18.776	ug/l	99
90) Hexachloroethane	12.60	117	57892	20.335	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	205213	18.971	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	28320	20.791	ug/l	95

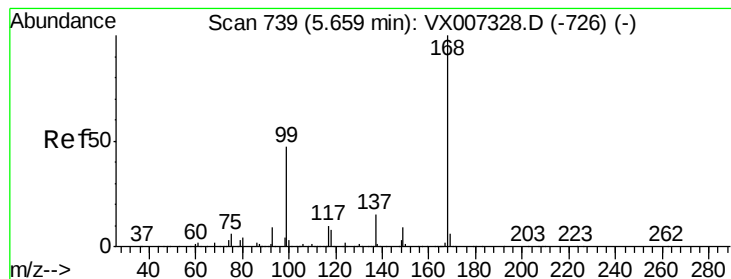
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021519\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	131744	18.060	ug/l	99
94) Hexachlorobutadiene	13.78	225	64637	18.248	ug/l	98
95) Naphthalene	13.83	128	415938	19.498	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	131250	17.874	ug/l	98

(#) = 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: VX007540.D

Acq: 14 Feb 2019 12:48

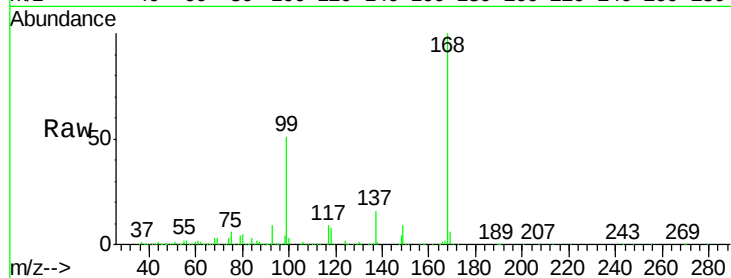
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 466684

Ion Ratio Lower Upper

168 100

99 50.6 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

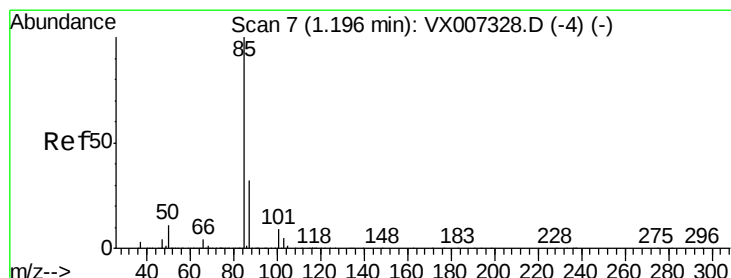
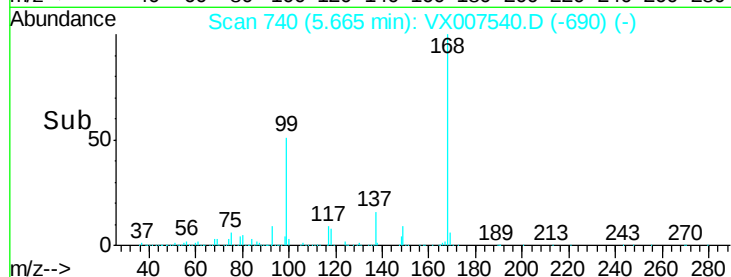
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 17.875 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007540.D

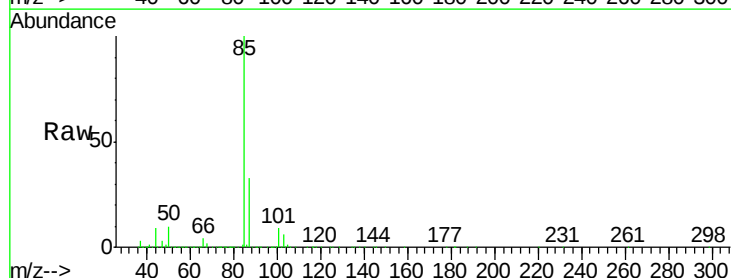
Acq: 14 Feb 2019 12:48

Tgt Ion: 85 Resp: 101855

Ion Ratio Lower Upper

85 100

87 32.4 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

100000

80000

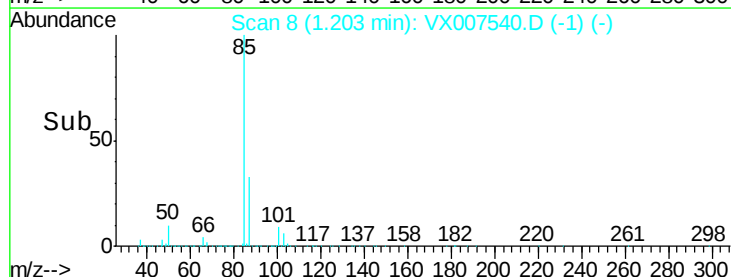
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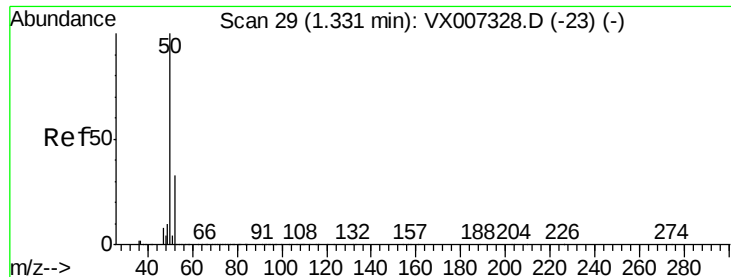
40000

20000

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Time--> 1.15 1.20 1.25 1.30

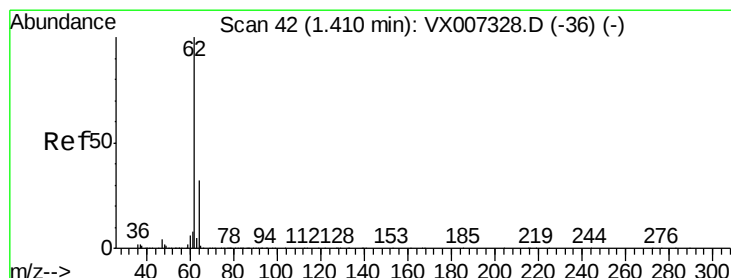
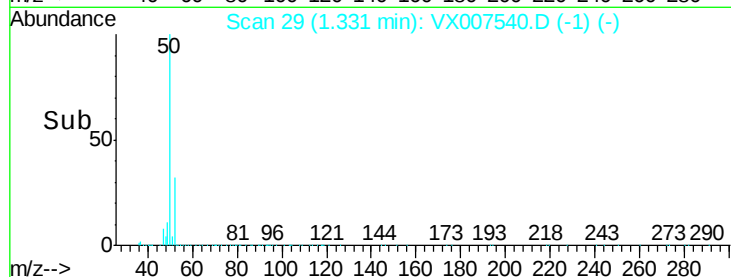
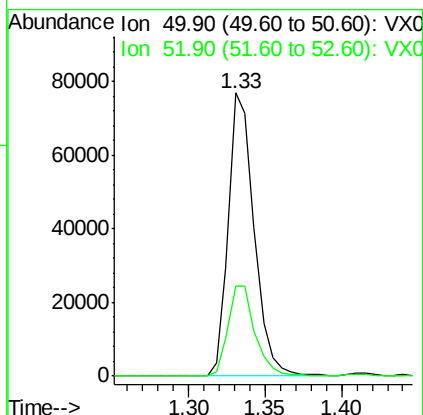
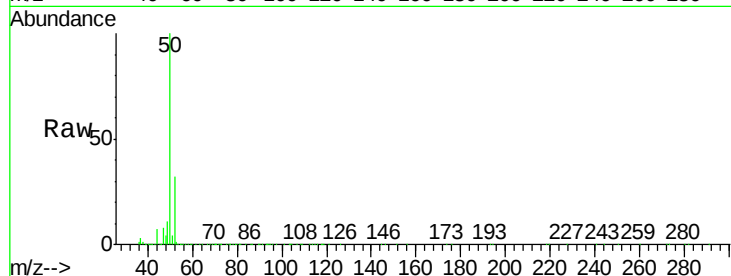




#3
Chloromethane
Concen: 17.189 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

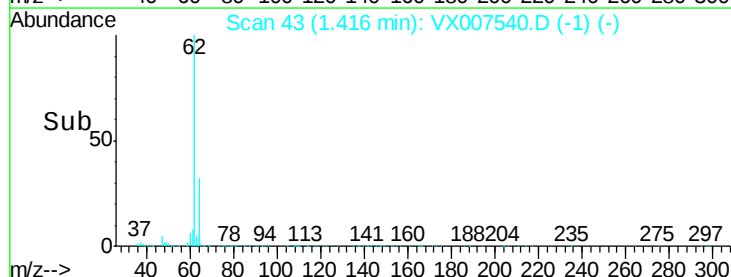
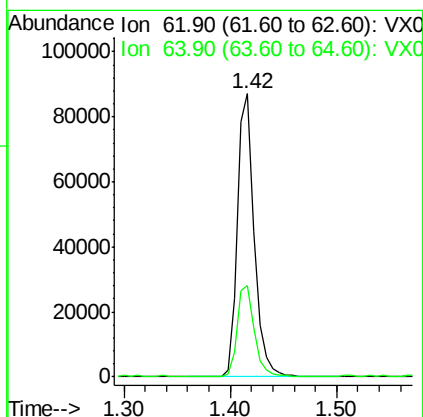
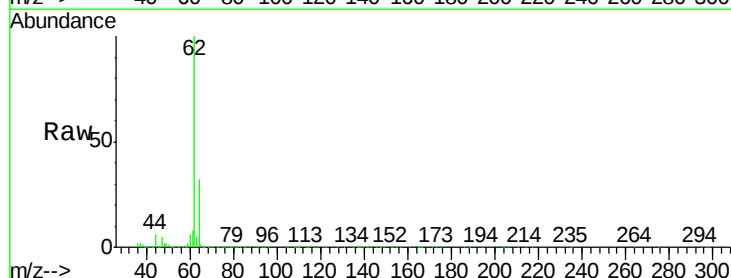
Instrument :
MSVOA_X
ClientSampleId :

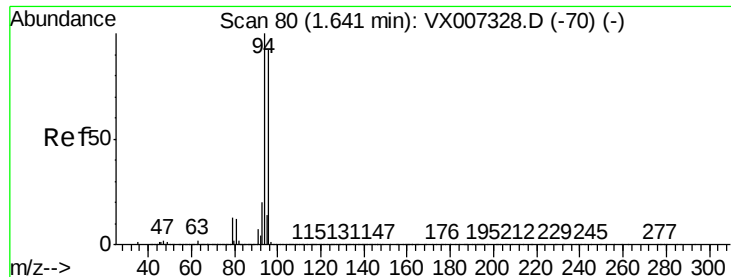
Tot Ion: 50 Resp: 90352
Ion Ratio Lower Upper
50 100
52 31.7 26.1 39.1



#4
Vinyl Chloride
Concen: 18.838 ug/l
RT: 1.42 min Scan# 43
Delta R.T. 0.01 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

Tgt Ion: 62 Resp: 97146
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.0





#5

Bromomethane

Concen: 17.296 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

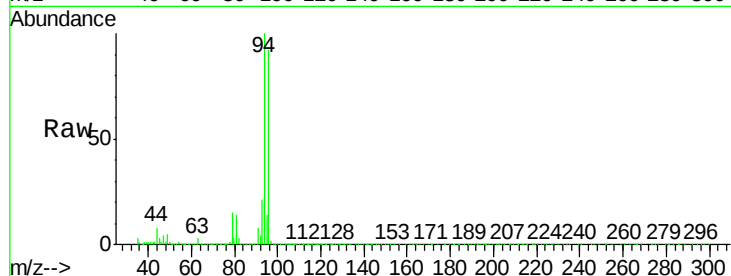
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 89826

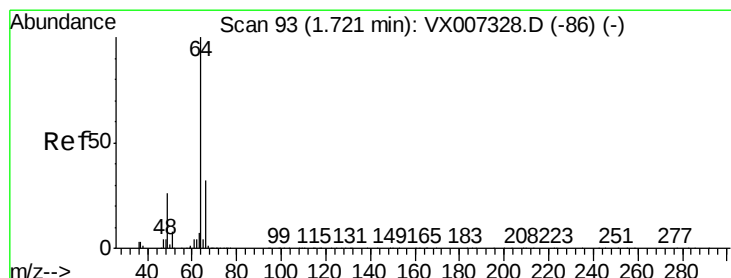
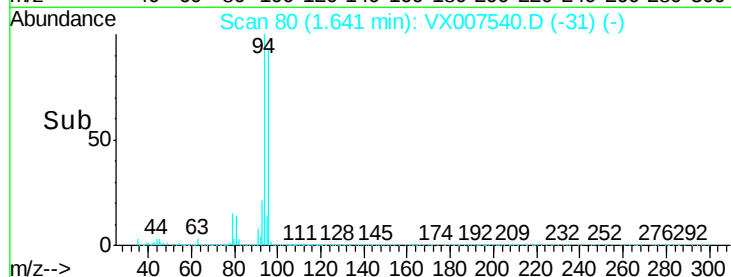
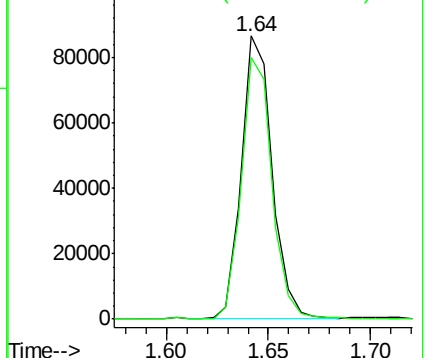
Ion Ratio Lower Upper

94 100

96 92.4 73.9 110.9



Abundance Ion 93.90 (93.60 to 94.60): VX0
Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.280 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007540.D

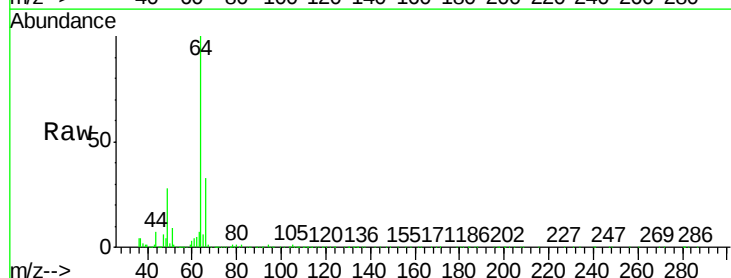
Acq: 14 Feb 2019 12:48

Tgt Ion: 64 Resp: 60980

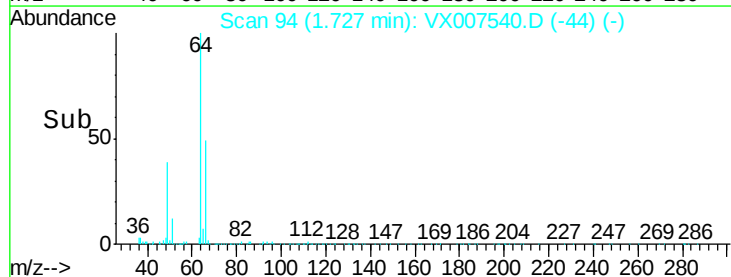
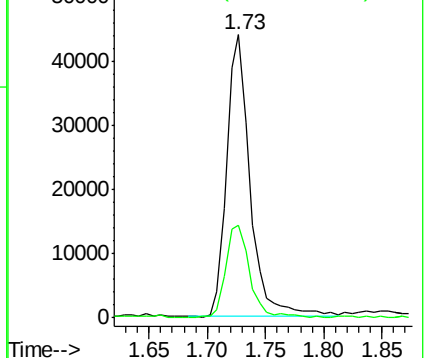
Ion Ratio Lower Upper

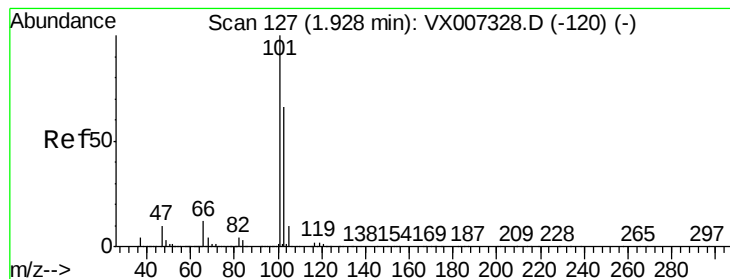
64 100

66 32.8 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0
Ion 65.90 (65.60 to 66.60): VX0



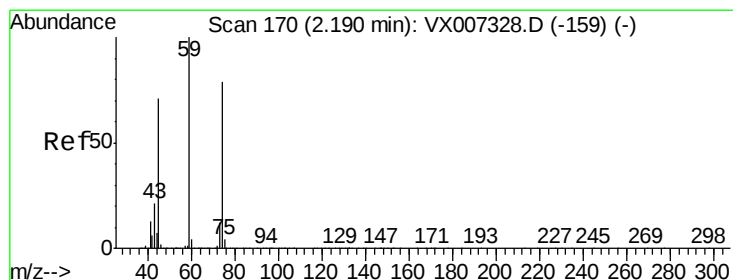
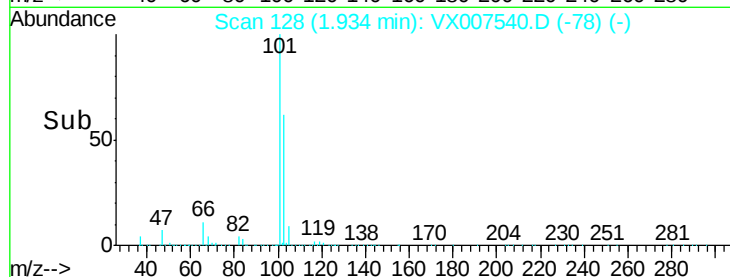
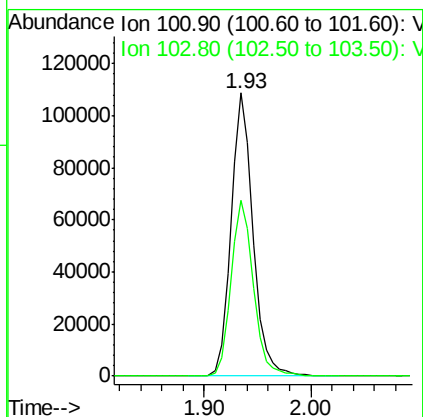
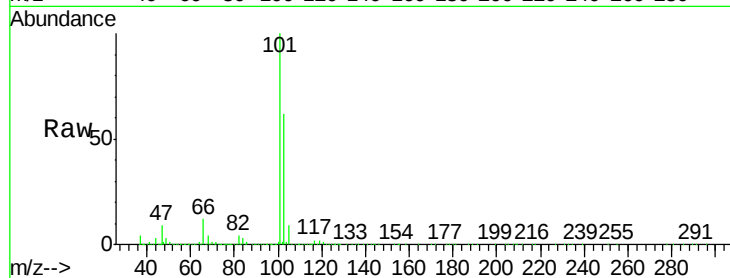


#7

Trichlorofluoromethane
 Concen: 19.509 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: VX007540.D
 Acq: 14 Feb 2019 12:48

Instrument :
 MSVOA_X
 ClientSampleId :

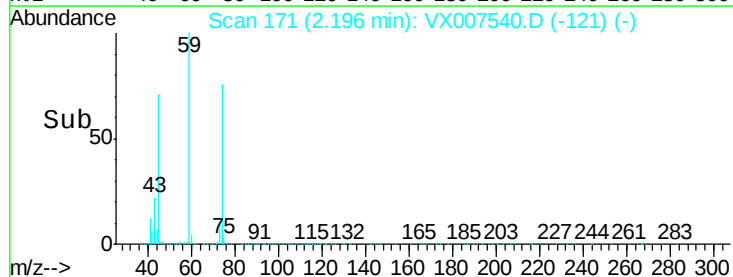
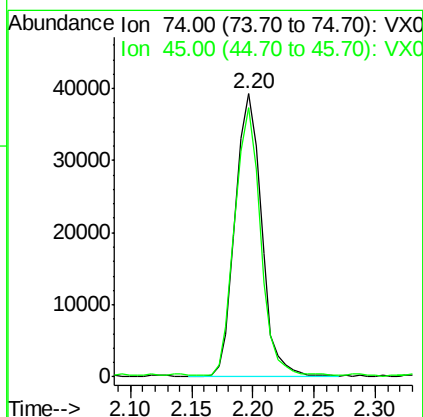
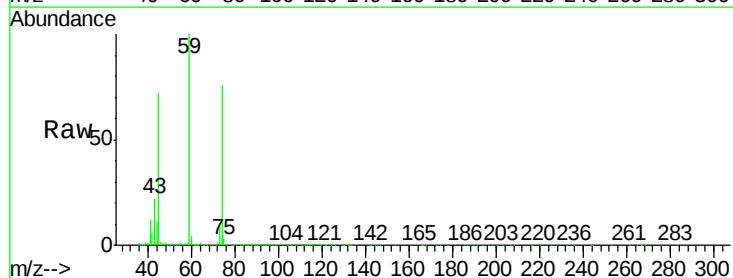
Tot Ion:101 Resp: 157377
 Ion Ratio Lower Upper
 101 100
 103 62.1 52.6 79.0

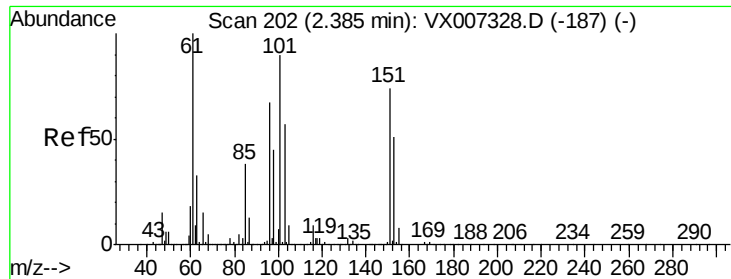


#8

Diethyl Ether
 Concen: 19.355 ug/l
 RT: 2.20 min Scan# 171
 Delta R.T. 0.01 min
 Lab File: VX007540.D
 Acq: 14 Feb 2019 12:48

Tgt Ion: 74 Resp: 58768
 Ion Ratio Lower Upper
 74 100
 45 92.5 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.175 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

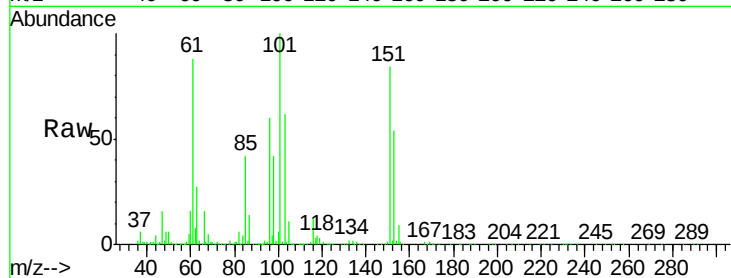
Tot Ion:101 Resp: 87211

Ion Ratio Lower Upper

101 100

85 44.6 34.1 51.1

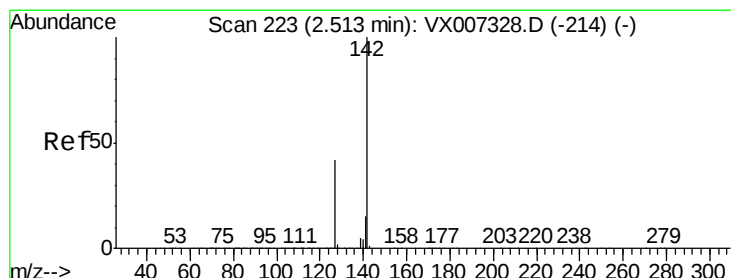
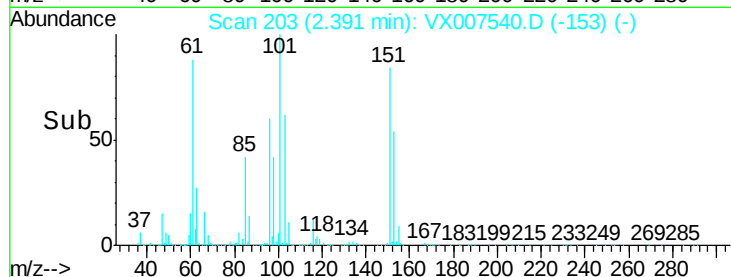
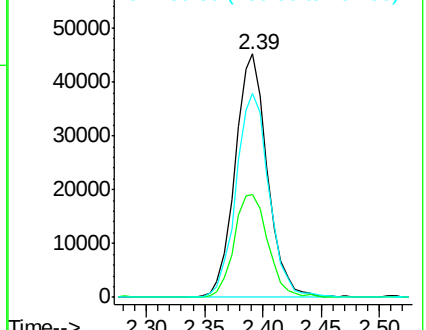
151 86.2 69.9 104.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.118 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

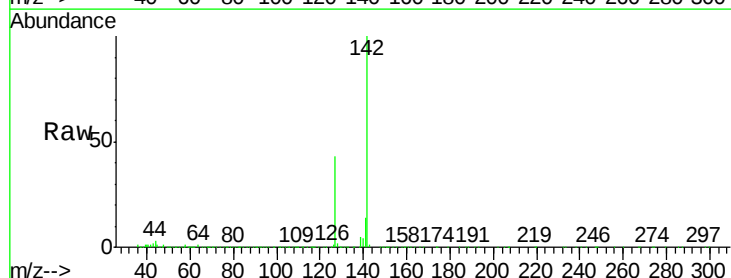
Tgt Ion:142 Resp: 106713

Ion Ratio Lower Upper

142 100

127 43.4 33.7 50.5

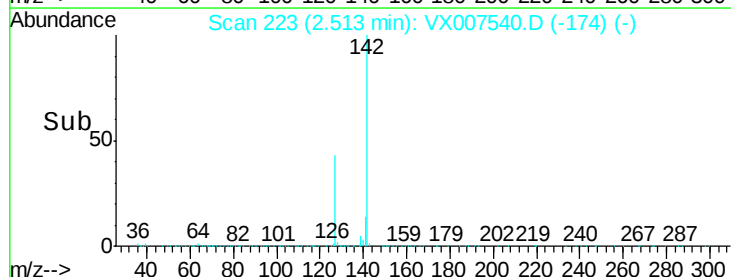
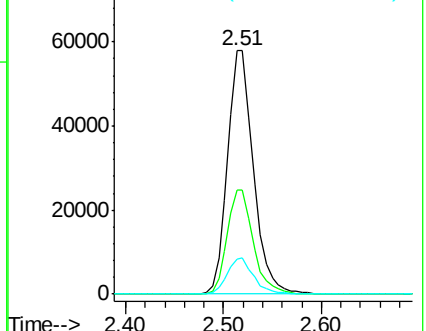
141 15.3 11.3 16.9

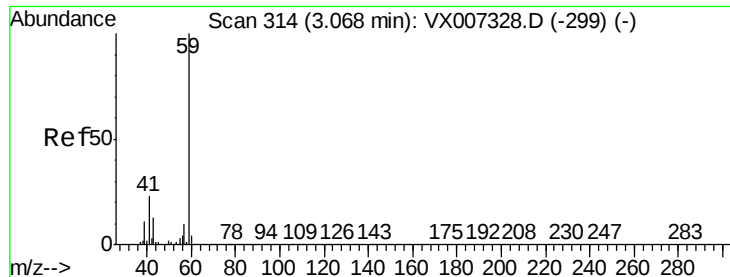


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



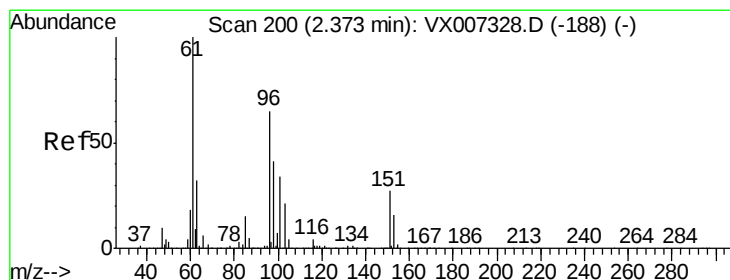
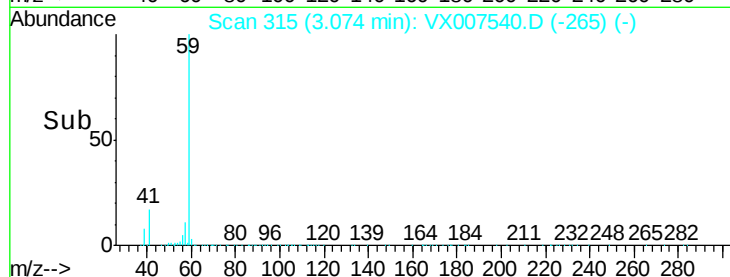
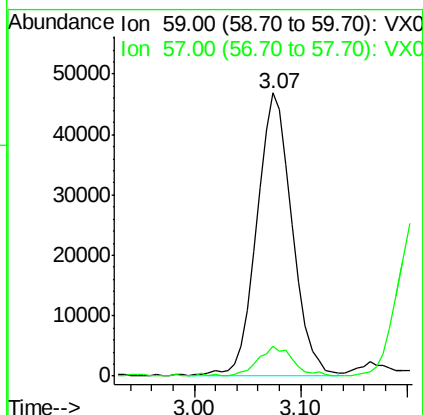
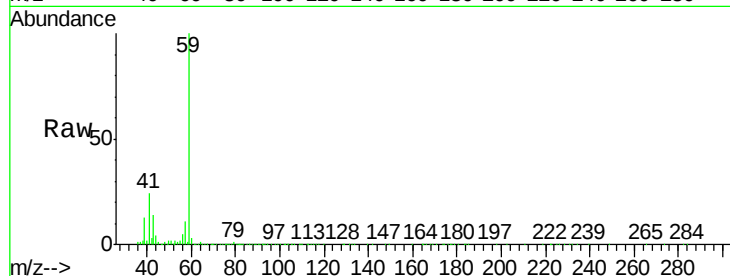


#11

Tert butyl alcohol
Concen: 105.376 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.01 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

Instrument :
MSVOA_X
ClientSampleId :

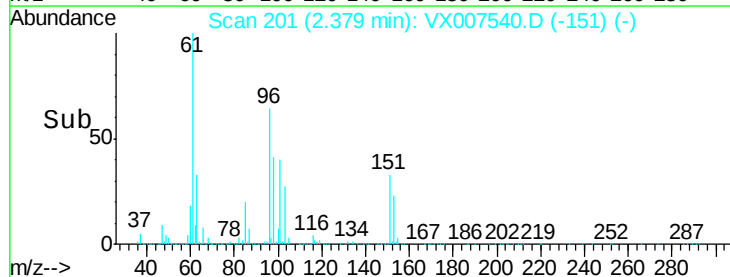
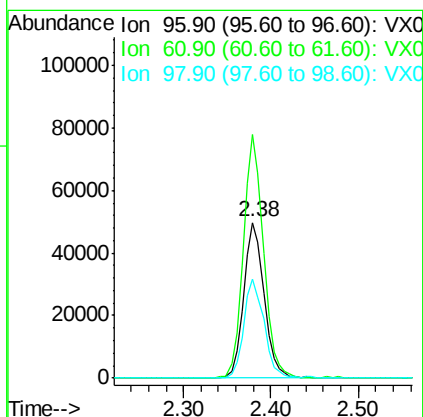
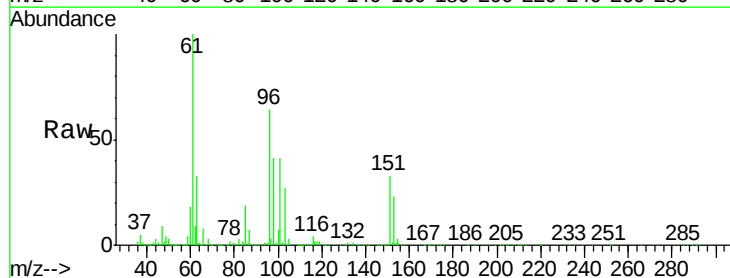
Tot Ion: 59 Resp: 108023
Ion Ratio Lower Upper
59 100
57 9.9 8.1 12.1

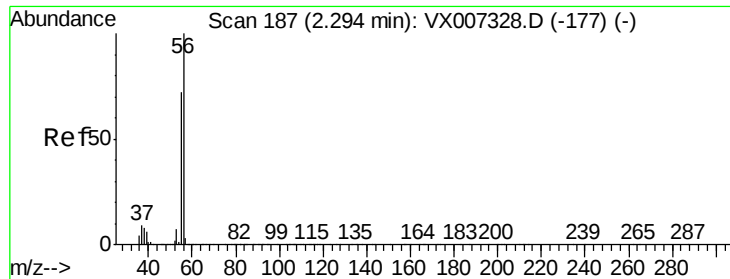


#12

1,1-Dichloroethene
Concen: 18.088 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

Tgt Ion: 96 Resp: 80598
Ion Ratio Lower Upper
96 100
61 155.9 123.0 184.4
98 63.5 50.9 76.3

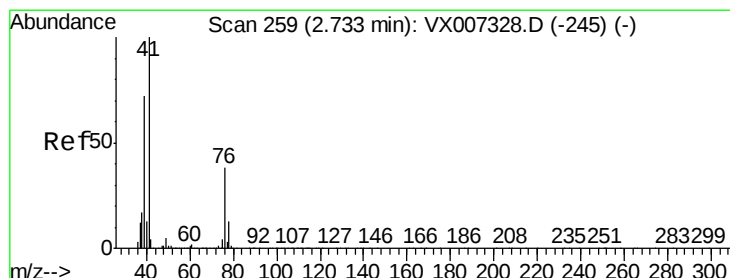
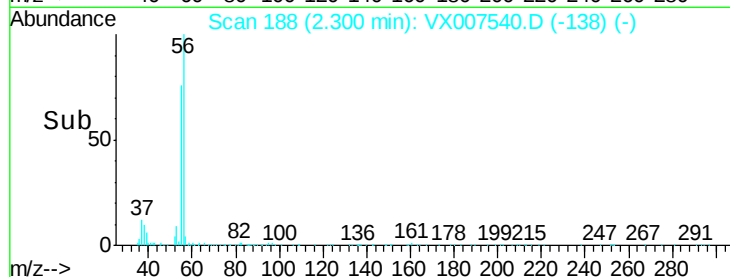
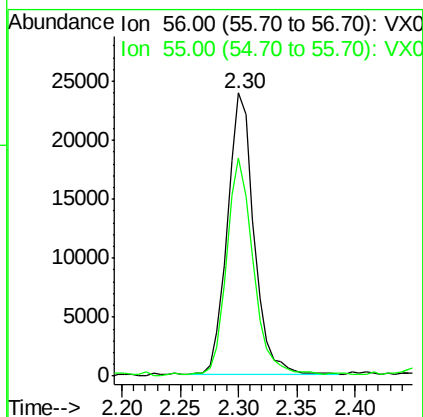
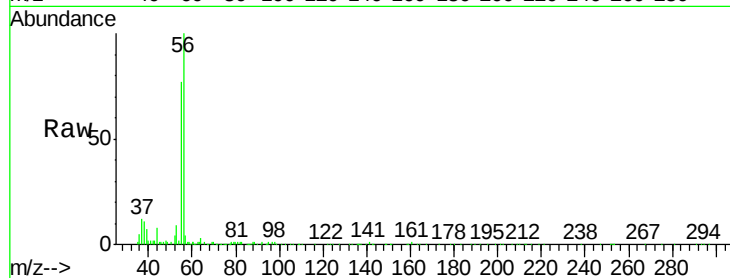




#13
Acrolein
Concen: 79.102 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

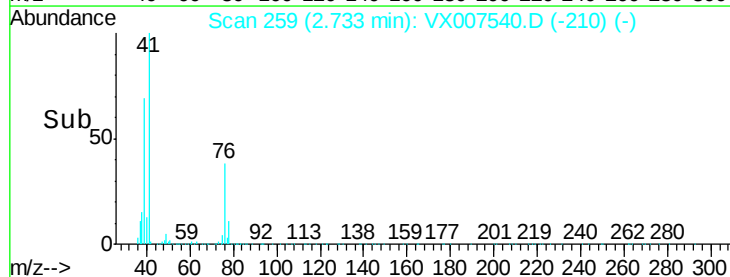
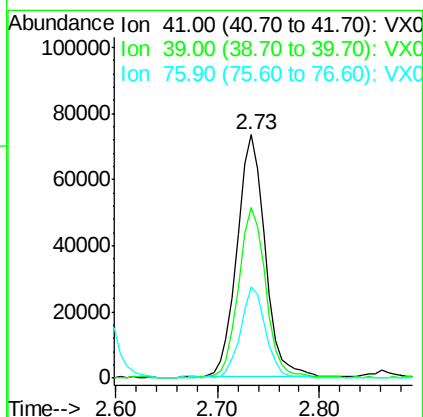
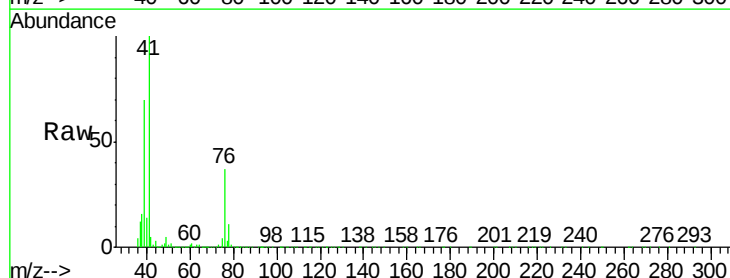
Instrument :
MSVOA_X
ClientSampled :

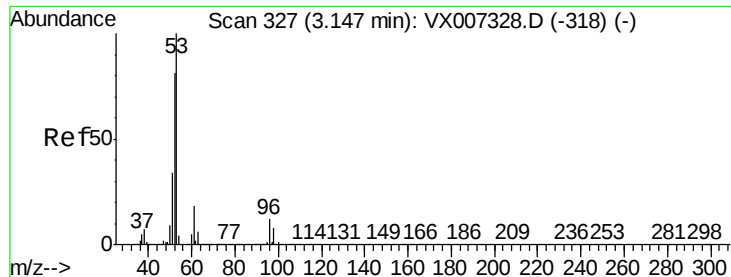
Tot Ion: 56 Resp: 38025
Ion Ratio Lower Upper
56 100
55 76.9 56.9 85.3



#14
Allyl chloride
Concen: 19.221 ug/l
RT: 2.73 min Scan# 259
Delta R.T. -0.00 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

Tgt Ion: 41 Resp: 139550
Ion Ratio Lower Upper
41 100
39 68.3 54.1 81.1
76 34.0 27.8 41.8





#15

Acrylonitrile

Concen: 101.444 ug/l

RT: 3.15 min Scan# 328

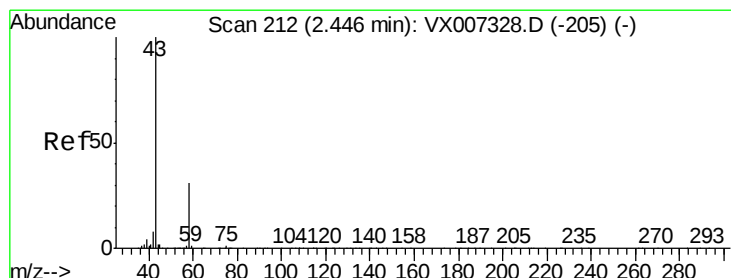
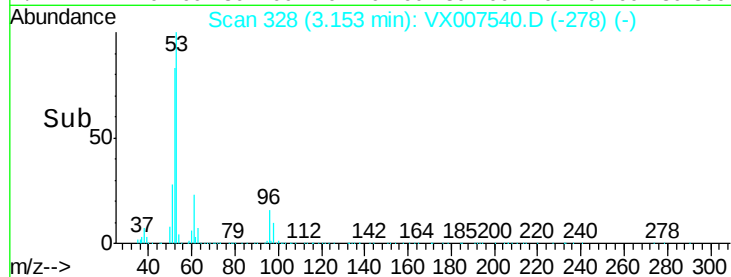
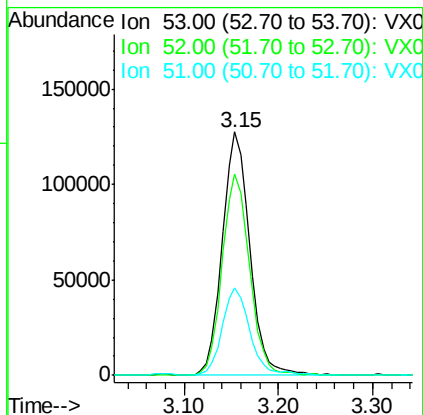
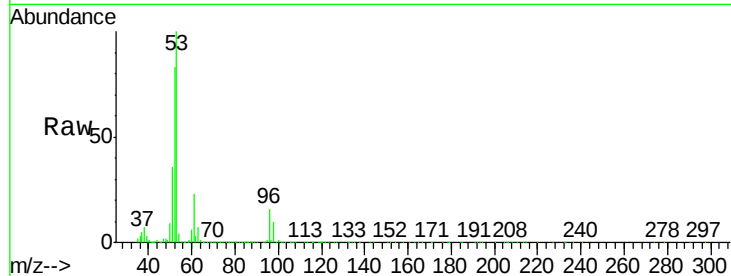
Delta R.T. 0.01 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	53	Resp:	257257
Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.4	99.6
51	36.1	28.4	42.6



#16

Acetone

Concen: 109.429 ug/l

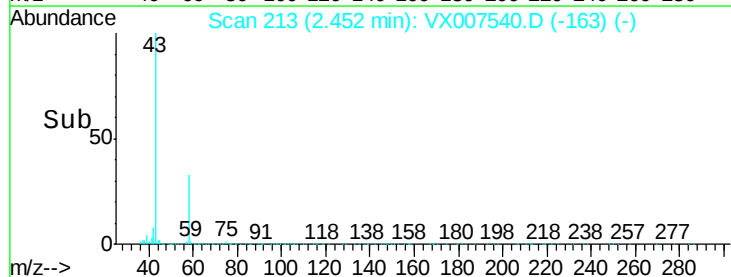
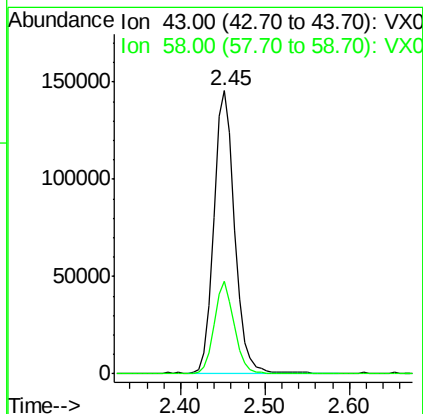
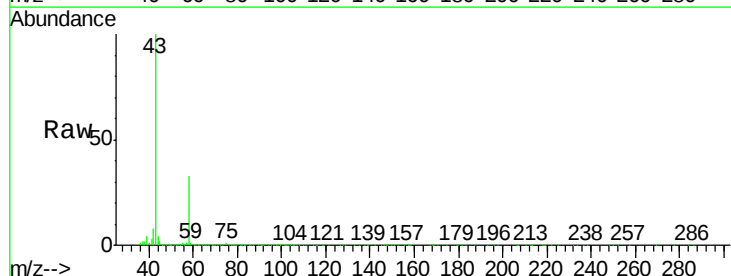
RT: 2.45 min Scan# 213

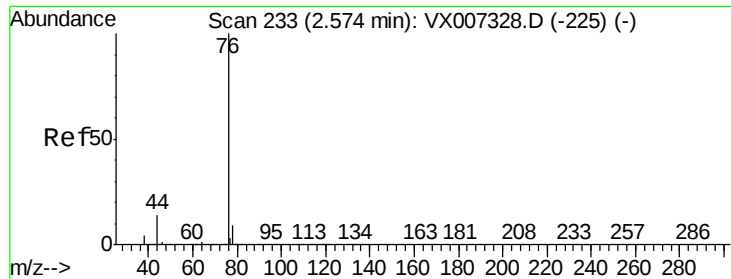
Delta R.T. 0.01 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Tgt Ion:	43	Resp:	248300
Ion	Ratio	Lower	Upper
43	100		
58	32.9	24.9	37.3





#17

Carbon Disulfide

Concen: 17.482 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Instrument :

MSVOA_X

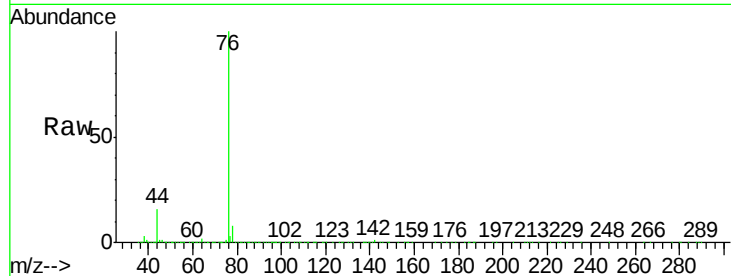
ClientSampleId :

Tot Ion: 76 Resp: 186913

Ion Ratio Lower Upper

76 100

78 8.3 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

120000

100000

80000

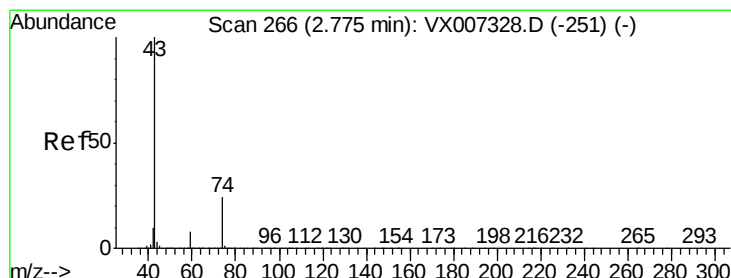
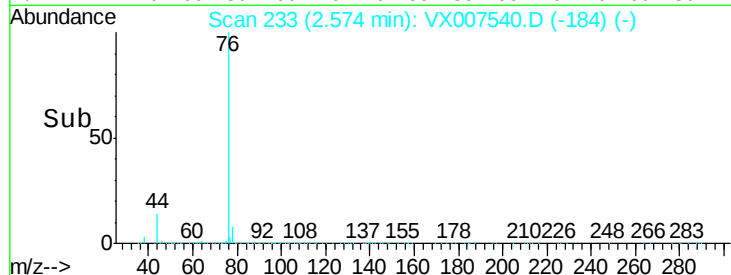
60000

40000

20000

0

Time--> 2.50 2.55 2.60 2.65



#18

Methyl Acetate

Concen: 24.008 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX007540.D

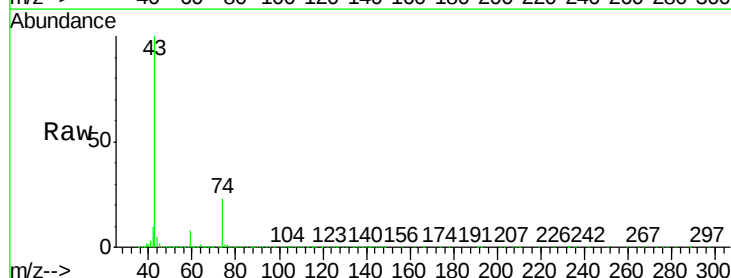
Acq: 14 Feb 2019 12:48

Tgt Ion: 43 Resp: 140089

Ion Ratio Lower Upper

43 100

74 23.5 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

80000

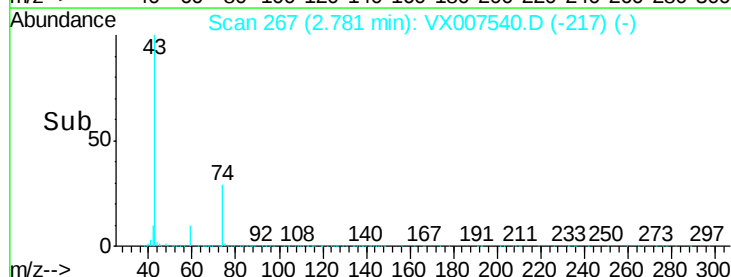
60000

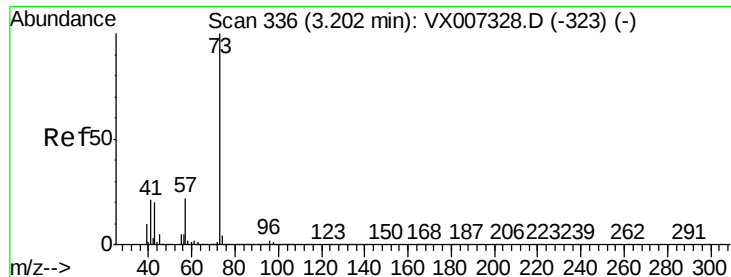
40000

20000

0

Time--> 2.70 2.75 2.80 2.85 2.90



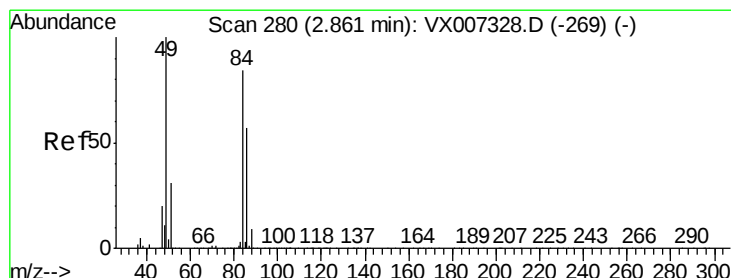
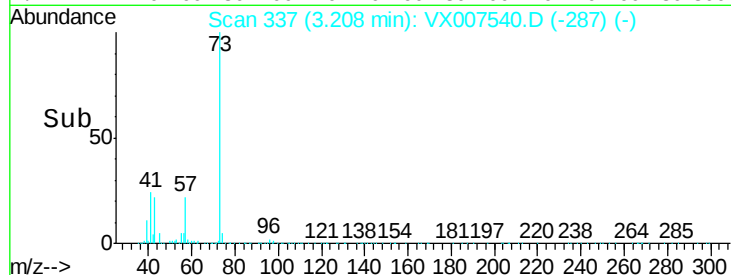
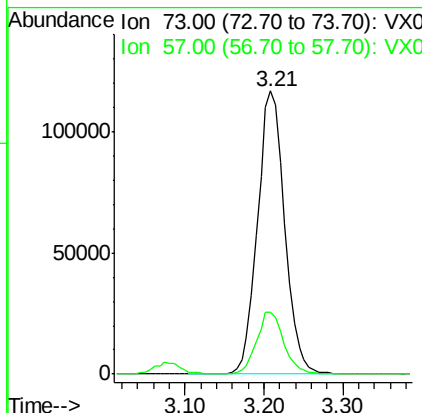
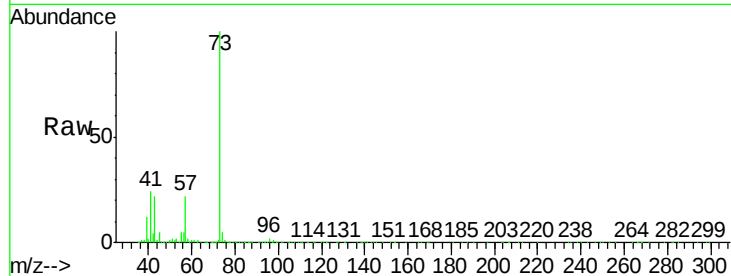


#19

Methyl tert-butyl Ether
 Concen: 19.331 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX007540.D
 Acq: 14 Feb 2019 12:48

Instrument :
 MSVOA_X
 ClientSampled :

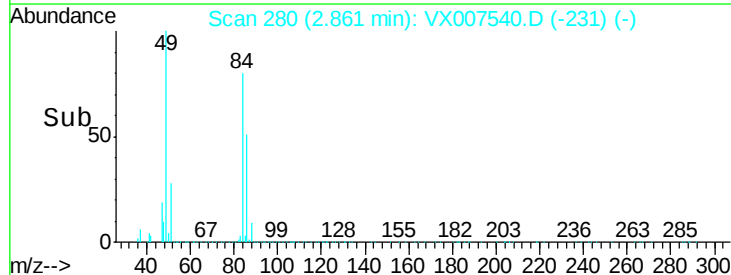
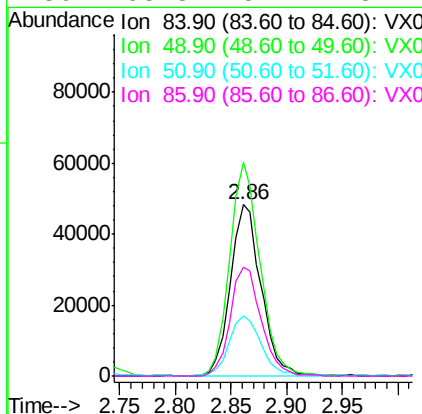
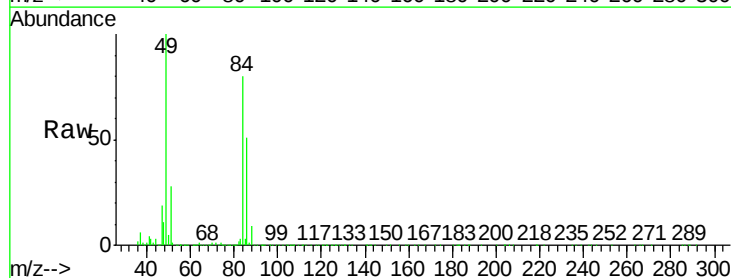
Tot Ion: 73 Resp: 279056
 Ion Ratio Lower Upper
 73 100
 57 21.9 17.8 26.8

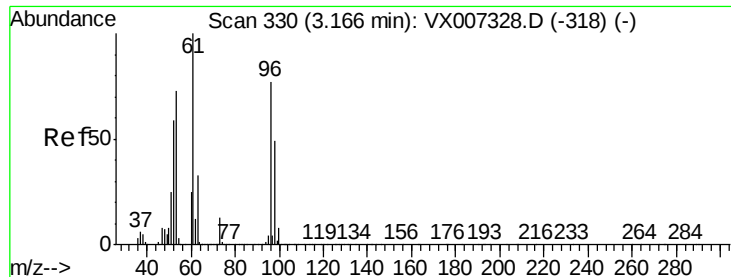


#20

Methylene Chloride
 Concen: 19.658 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX007540.D
 Acq: 14 Feb 2019 12:48

Tgt Ion: 84 Resp: 92216
 Ion Ratio Lower Upper
 84 100
 49 124.3 94.8 142.2
 51 34.8 29.8 44.8
 86 63.3 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 17.794 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Instrument :
MSVOA_X
ClientSampleId :

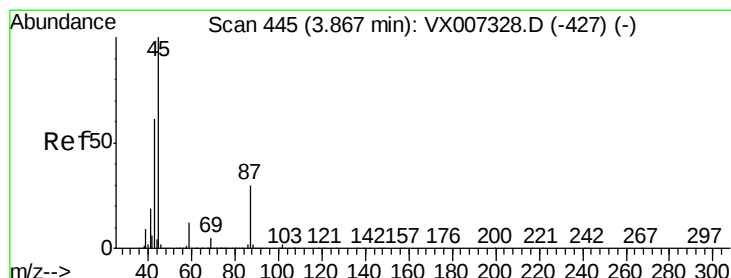
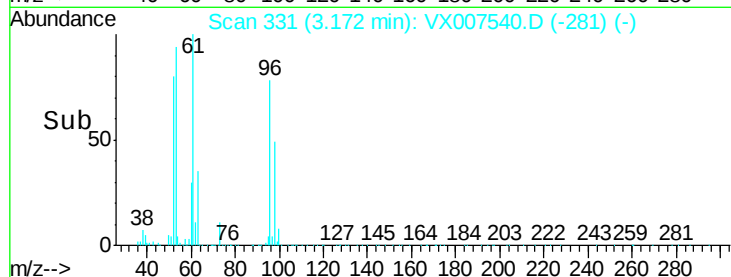
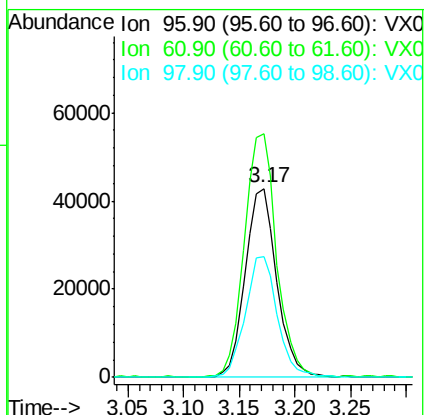
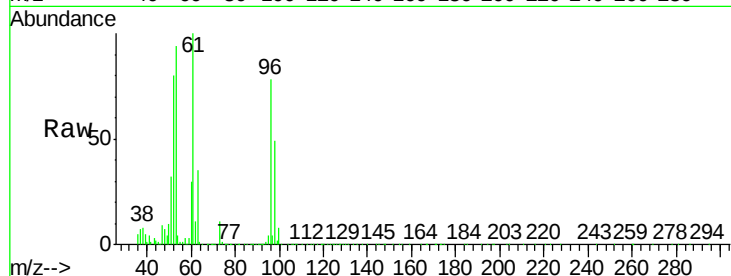
Tot Ion: 96 Resp: 84463

Ion Ratio Lower Upper

96 100

61 128.6 104.6 156.8

98 63.5 51.0 76.4



#22

Diisopropyl ether

Concen: 20.018 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Tgt Ion: 45 Resp: 267338

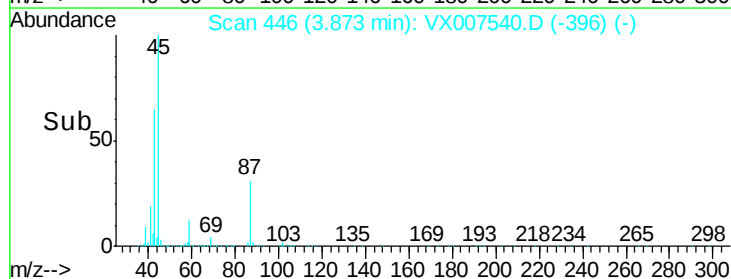
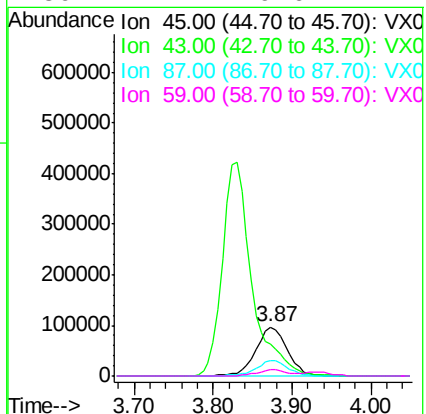
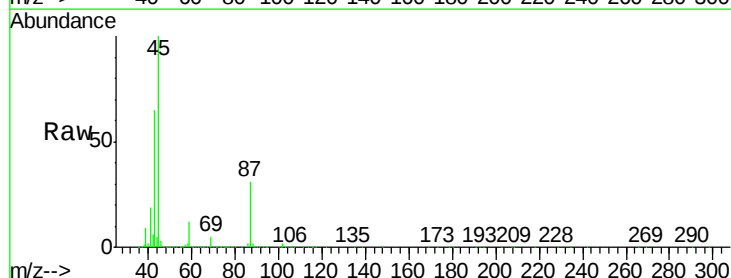
Ion Ratio Lower Upper

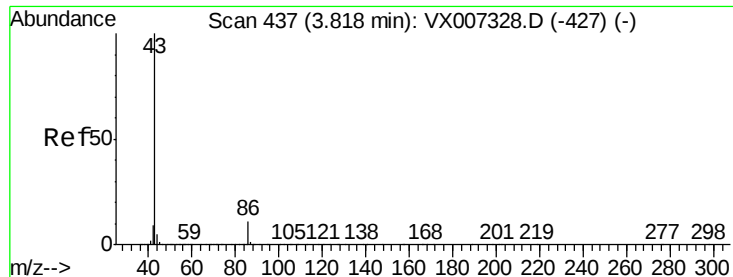
45 100

43 64.6 48.9 73.3

87 30.7 23.9 35.9

59 12.2 9.6 14.4





#23

Vinyl Acetate

Concen: 99.853 ug/l

RT: 3.83 min Scan# 439

Delta R.T. 0.01 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Instrument :

MSVOA_X

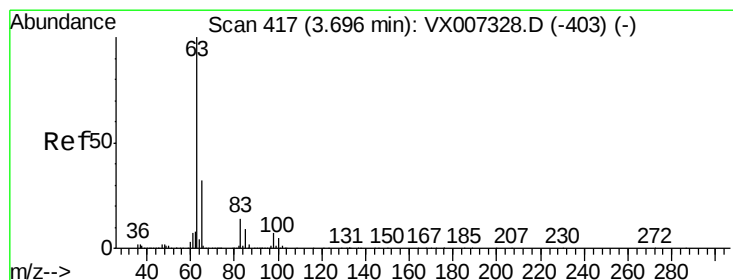
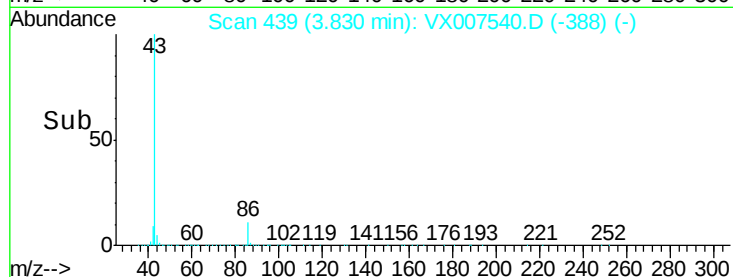
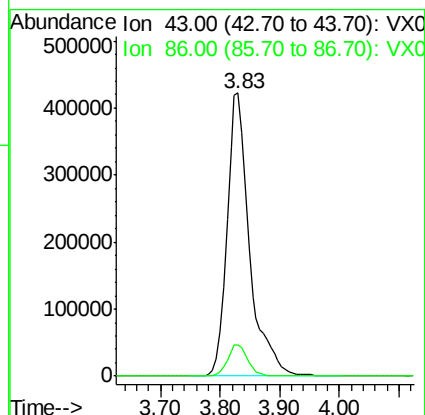
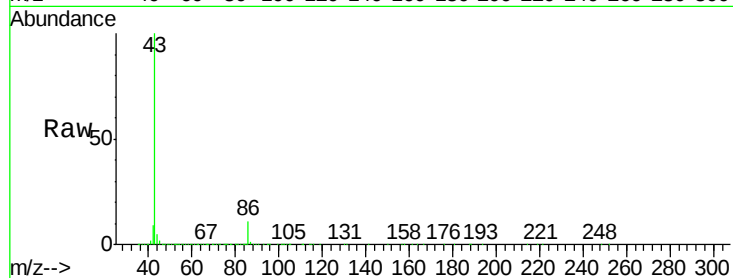
ClientSampleId :

Tot Ion: 43 Resp: 1106585

Ion Ratio Lower Upper

43 100

86 11.2 8.7 13.1



#24

1,1-Dichloroethane

Concen: 19.670 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

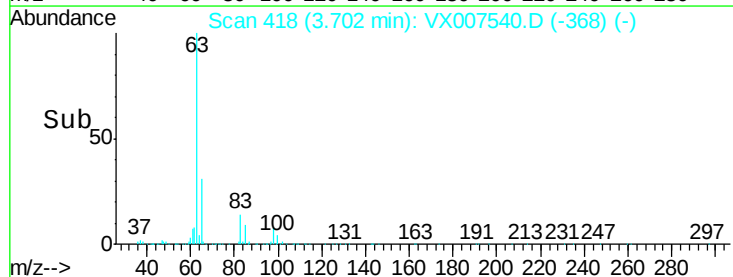
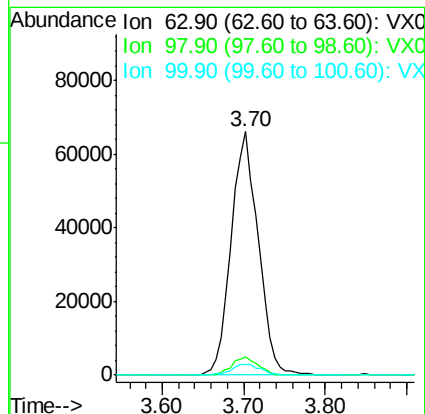
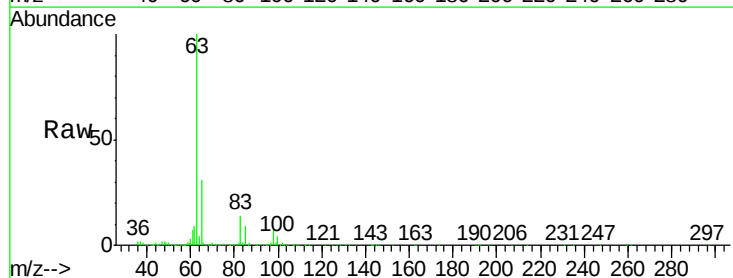
Tgt Ion: 63 Resp: 150856

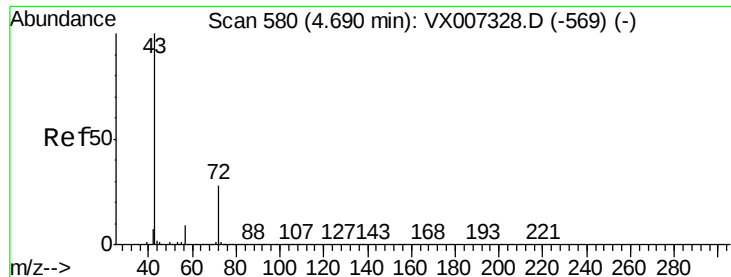
Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.8

100 4.3 2.5 7.4





#25

2-Butanone

Concen: 106.277 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Instrument :

MSVOA_X

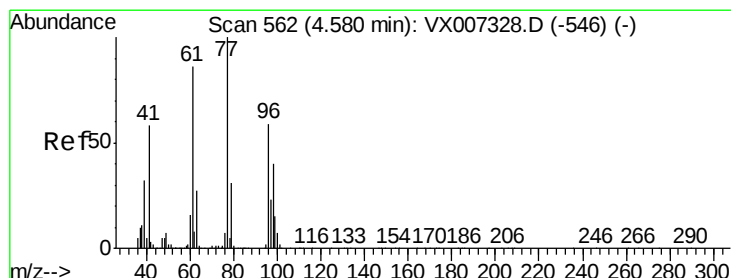
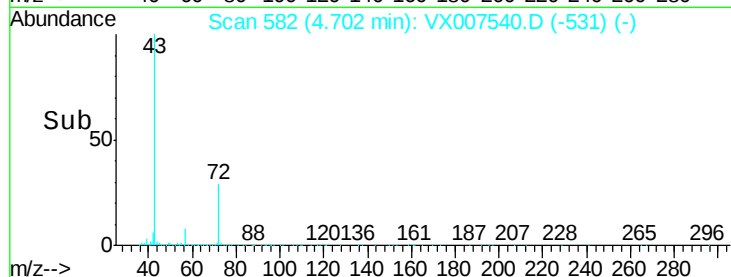
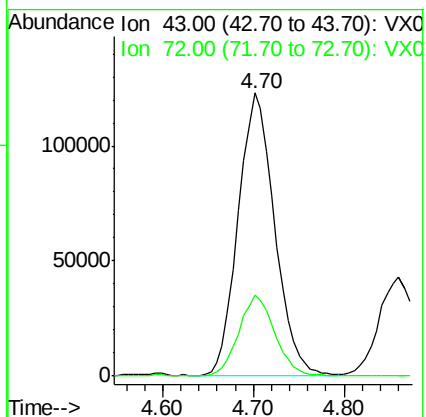
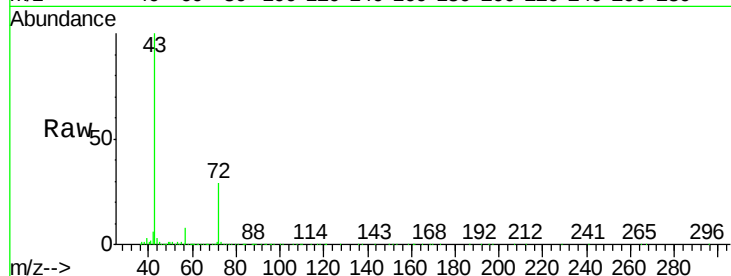
ClientSampleId :

Tot Ion: 43 Resp: 343182

Ion Ratio Lower Upper

43 100

72 28.6 22.2 33.2



#26

2,2-Dichloropropane

Concen: 19.397 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX007540.D

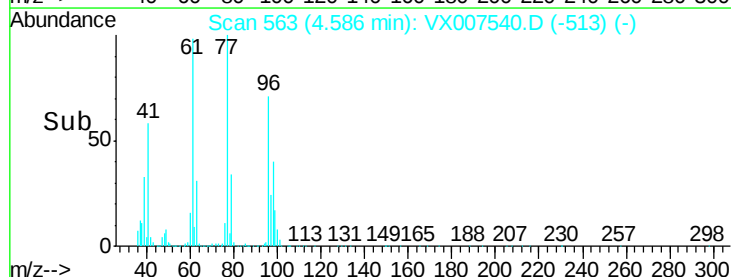
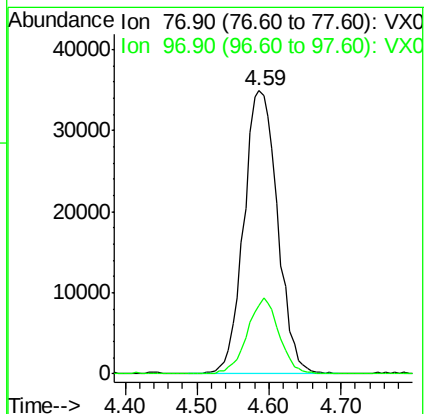
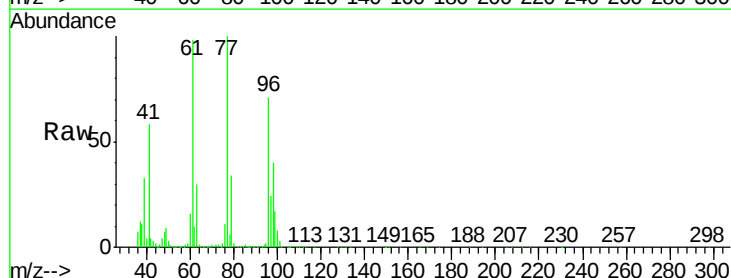
Acq: 14 Feb 2019 12:48

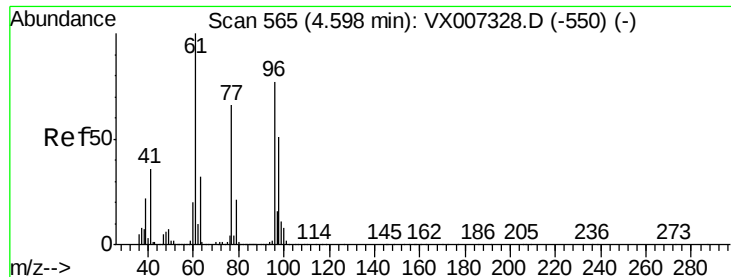
Tgt Ion: 77 Resp: 113289

Ion Ratio Lower Upper

77 100

97 25.3 12.1 36.3



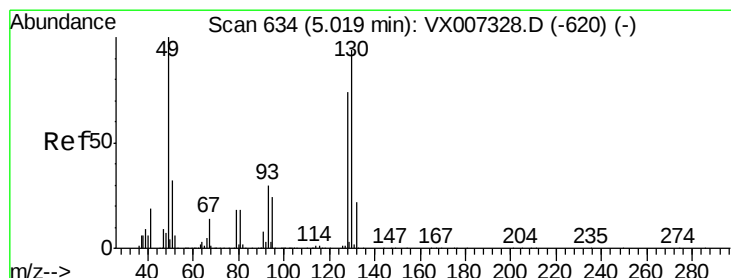
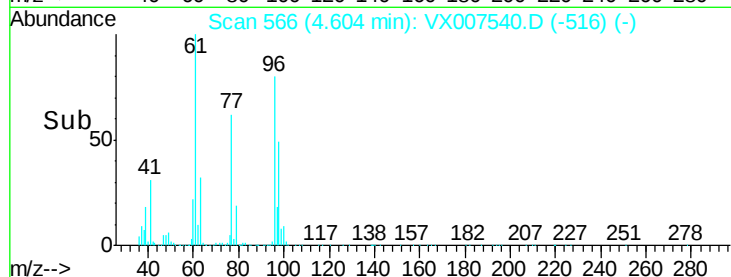
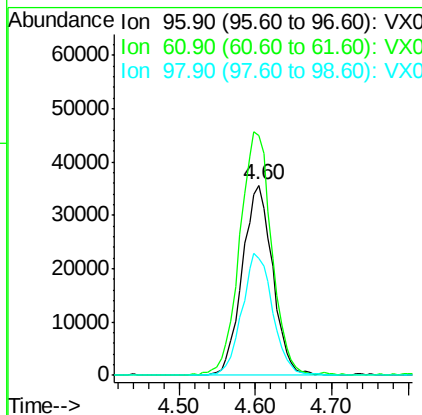
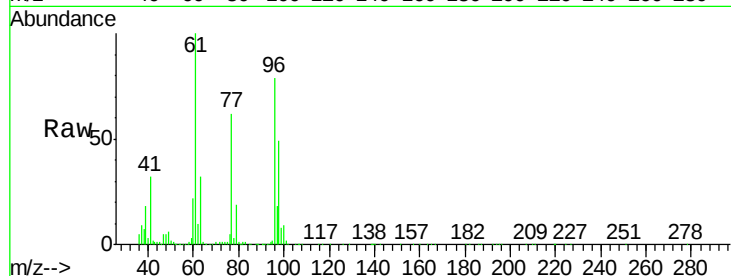


#27

cis-1,2-Dichloroethene
Concen: 19.030 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

Instrument :
MSVOA_X
ClientSampleId :

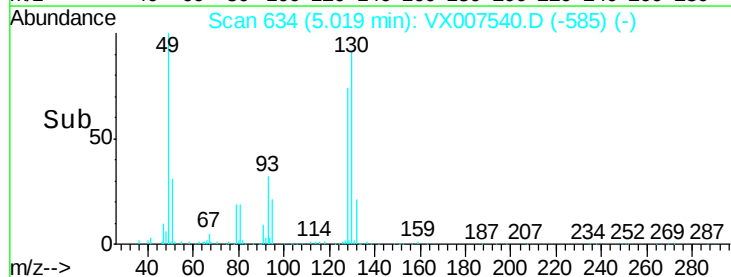
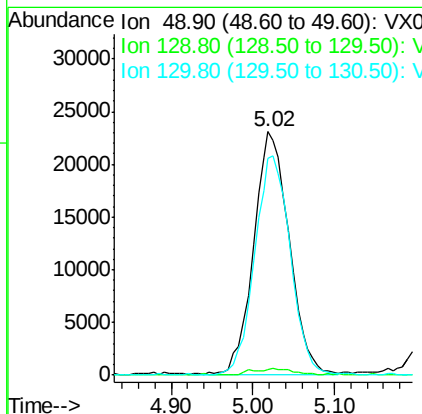
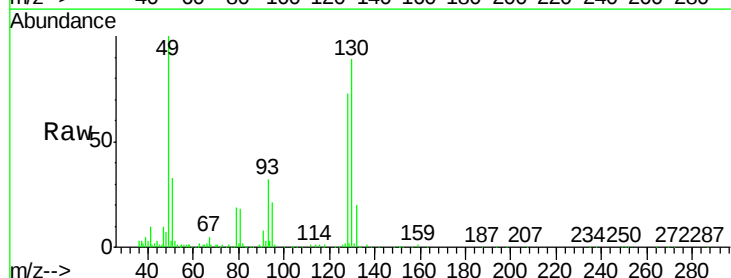
Tot Ion: 96 Resp: 98663
Ion Ratio Lower Upper
96 100
61 133.5 0.0 265.6
98 65.0 0.0 131.6



#28

Bromochloromethane
Concen: 19.770 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

Tgt Ion: 49 Resp: 69727
Ion Ratio Lower Upper
49 100
129 3.1 0.0 5.6
130 90.9 75.6 113.4





#29

Tetrahydrofuran

Concen: 107.635 ug/l

RT: 5.16 min Scan# 657

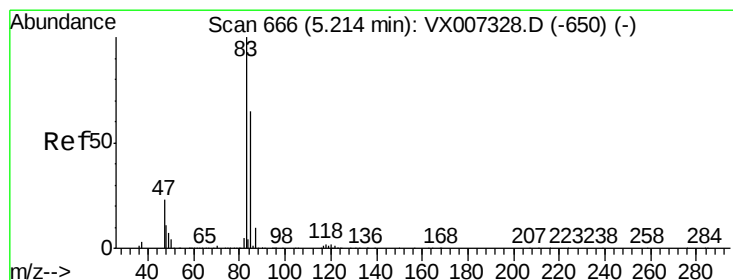
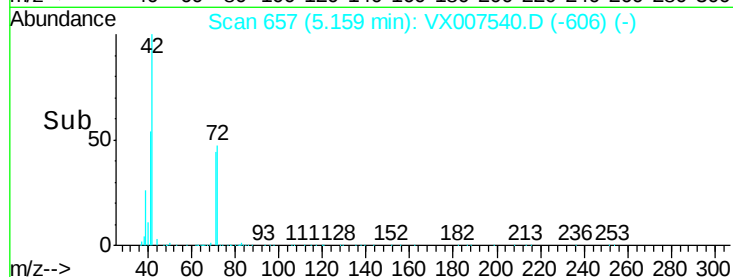
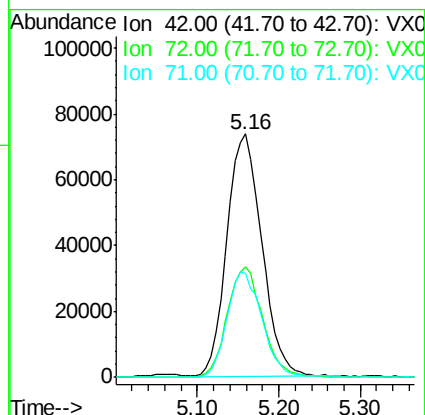
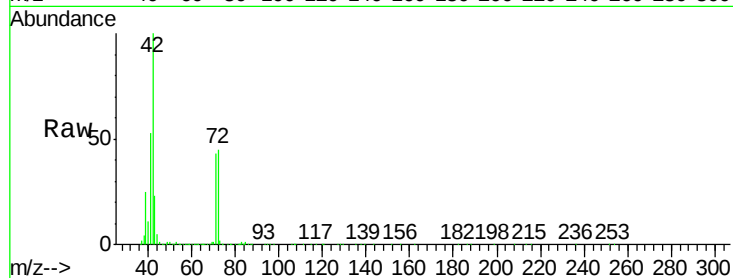
Delta R.T. 0.01 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	42	Resp:	218596
Ion	Ratio	Lower	Upper
42	100		
72	46.4	37.6	56.4
71	43.4	34.6	51.8



#30

Chloroform

Concen: 20.371 ug/l

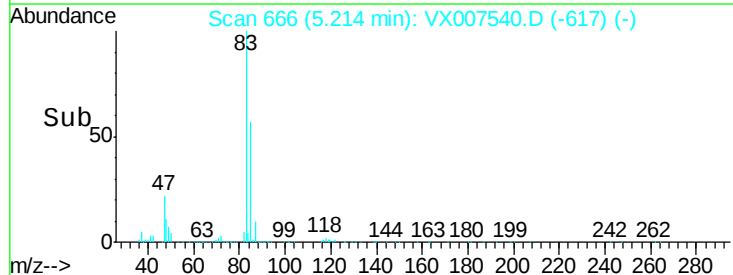
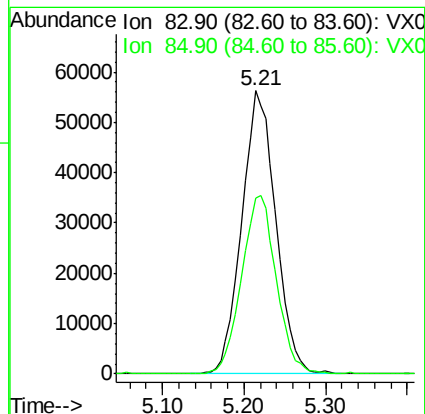
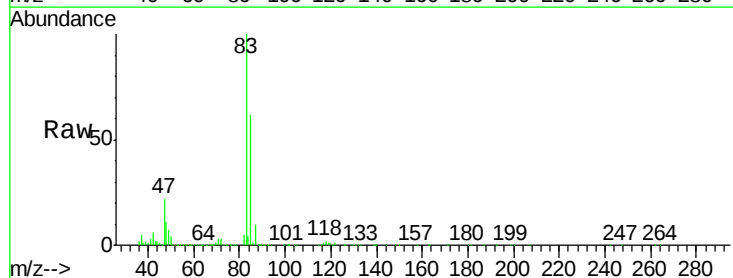
RT: 5.21 min Scan# 666

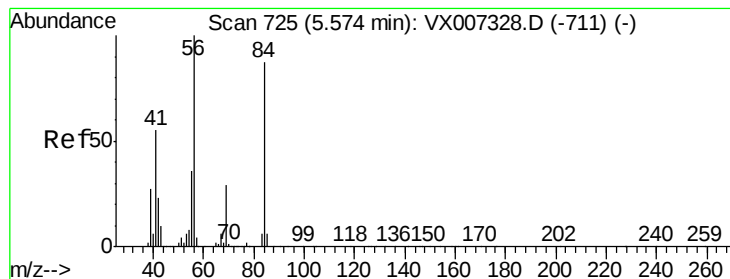
Delta R.T. -0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Tgt Ion:	83	Resp:	163025
Ion	Ratio	Lower	Upper
83	100		
85	62.0	51.6	77.4





#31

Cyclohexane

Concen: 18.217 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Instrument :
MSVOA_X
ClientSampleId :

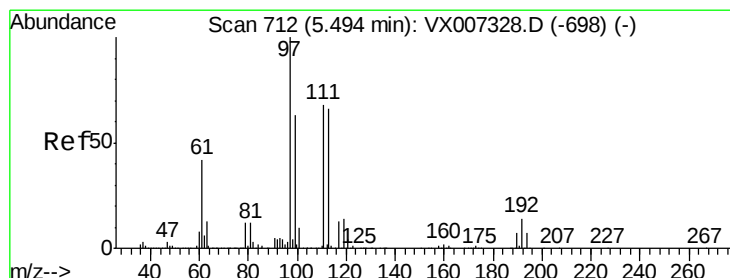
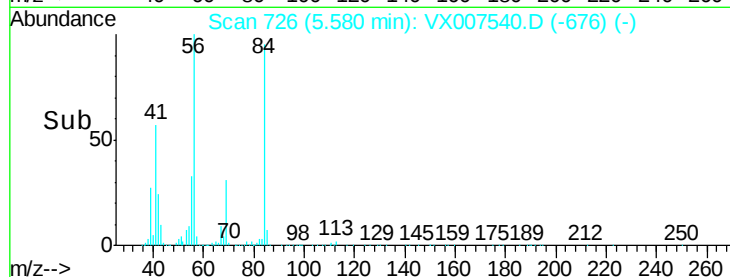
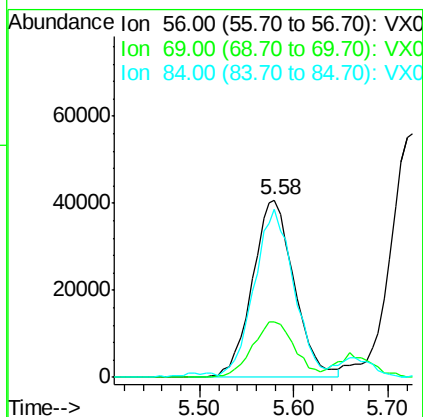
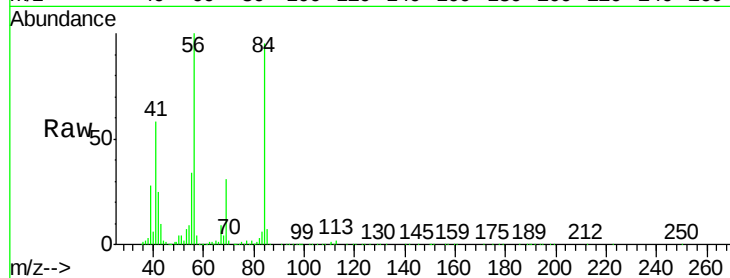
Tot Ion: 56 Resp: 125482

Ion Ratio Lower Upper

56 100

69 31.2 23.0 34.6

84 93.2 69.8 104.6



#32

1,1,1-Trichloroethane

Concen: 20.027 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

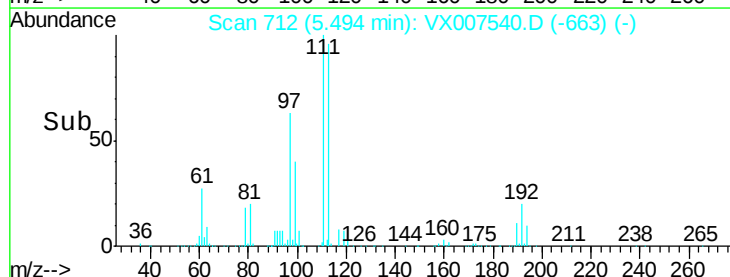
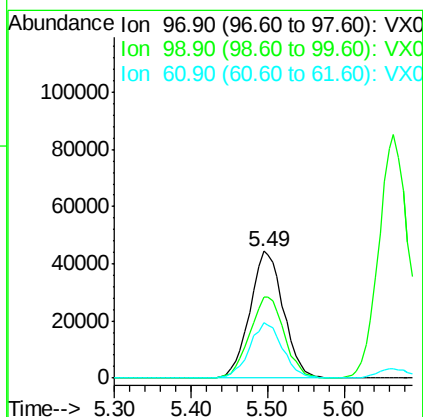
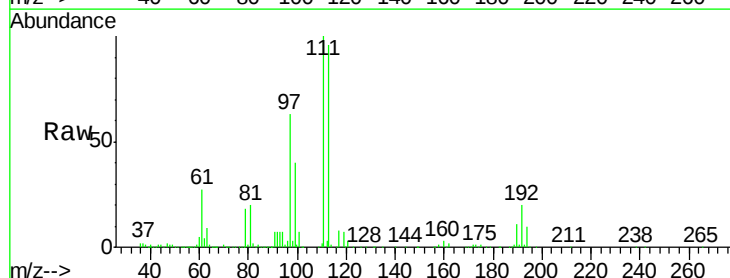
Tgt Ion: 97 Resp: 135290

Ion Ratio Lower Upper

97 100

99 66.2 52.2 78.2

61 43.5 32.7 49.1

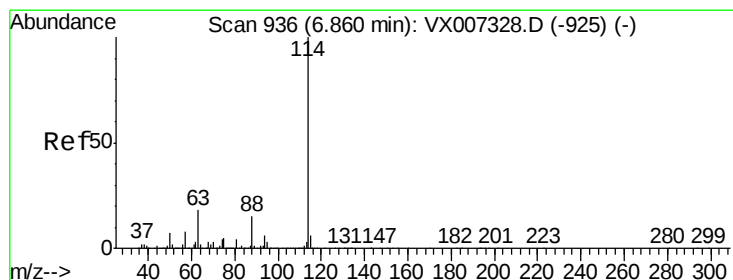
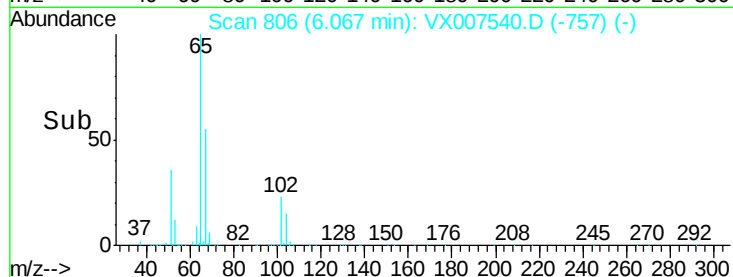
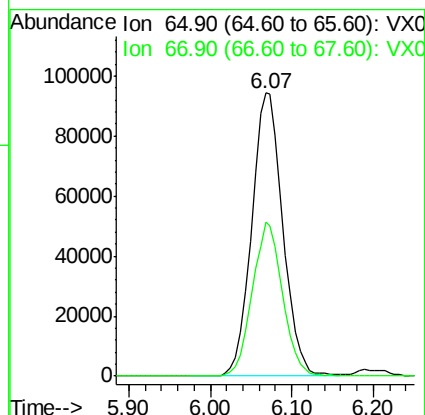
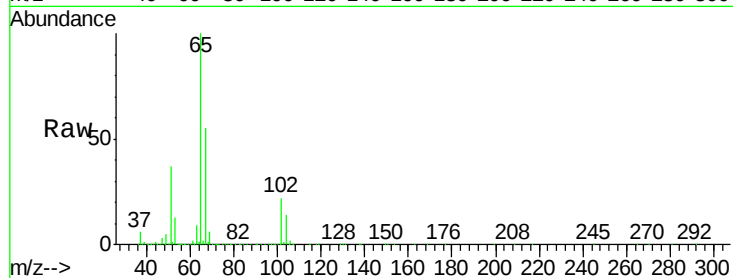




#33
 1,2-Dichloroethane-d4
 Concen: 50.574 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007540.D
 Acq: 14 Feb 2019 12:48

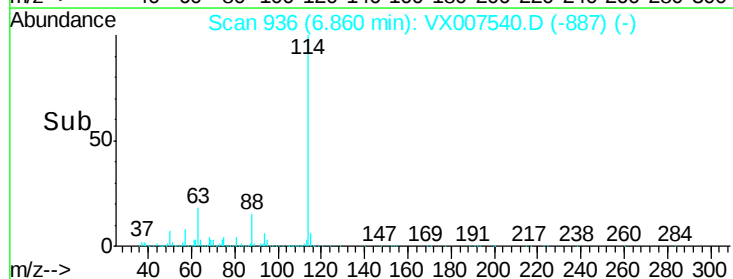
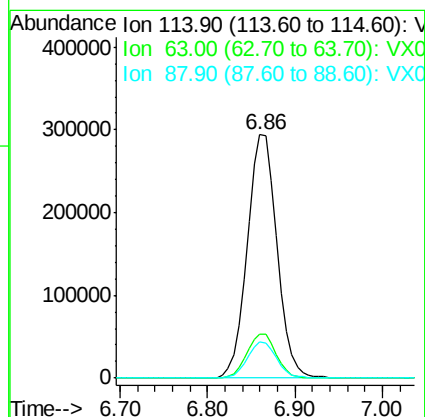
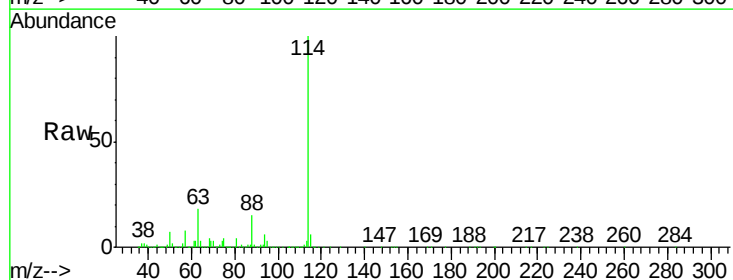
Instrument :
 MSVOA_X
 ClientSampled :

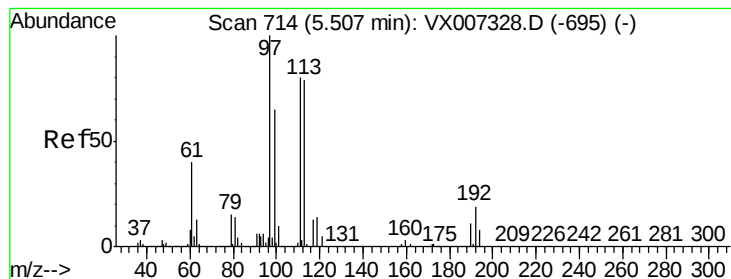
Tot Ion: 65 Resp: 250517
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007540.D
 Acq: 14 Feb 2019 12:48

Tgt Ion: 114 Resp: 693461
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 35.6
 88 14.7 0.0 29.6





#35

Dibromofluoromethane

Concen: 50.822 ug/l

RT: 5.51 min Scan# 714

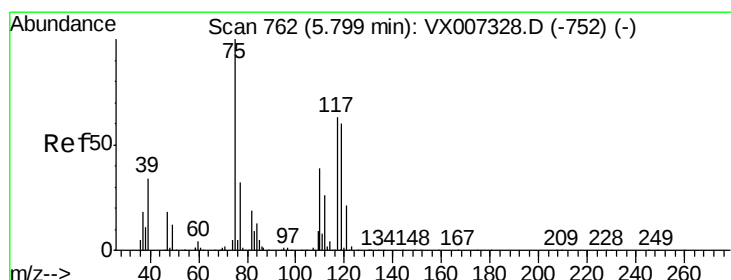
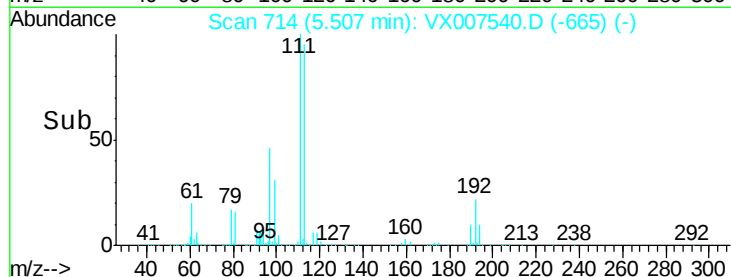
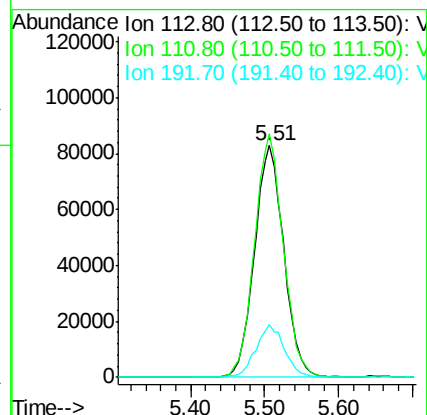
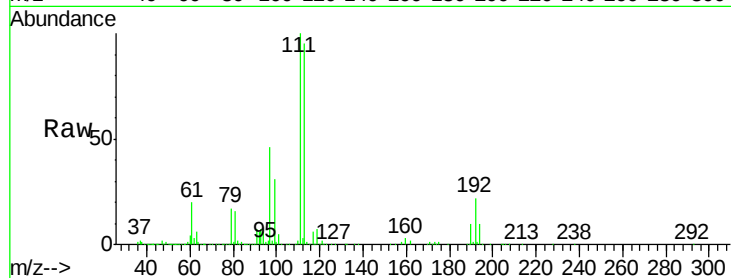
Delta R.T. -0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	113	Resp:	229313
Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.8	122.8
192	22.2	18.5	27.7



#36

1,1-Dichloropropene

Concen: 18.314 ug/l

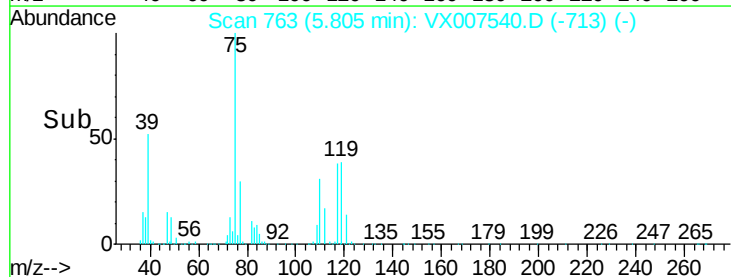
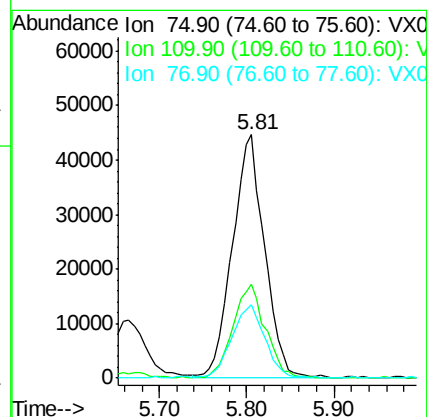
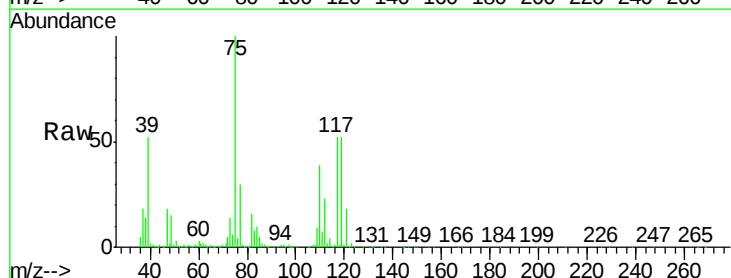
RT: 5.81 min Scan# 763

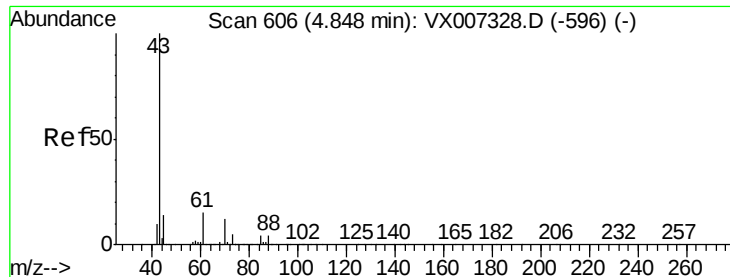
Delta R.T. 0.01 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Tgt Ion:	75	Resp:	113947
Ion	Ratio	Lower	Upper
75	100		
110	39.1	20.0	59.9
77	30.6	24.7	37.1

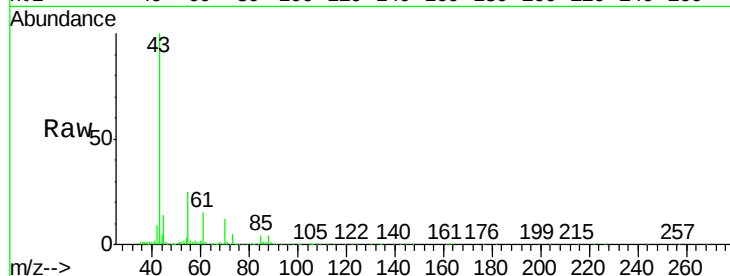




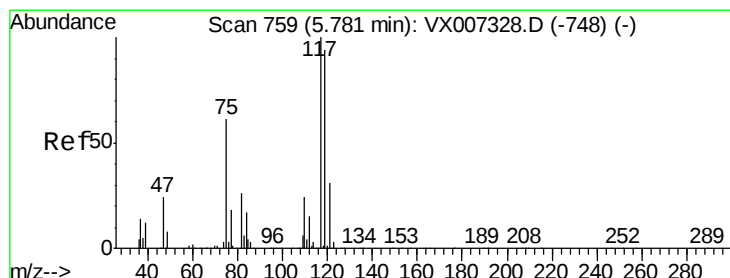
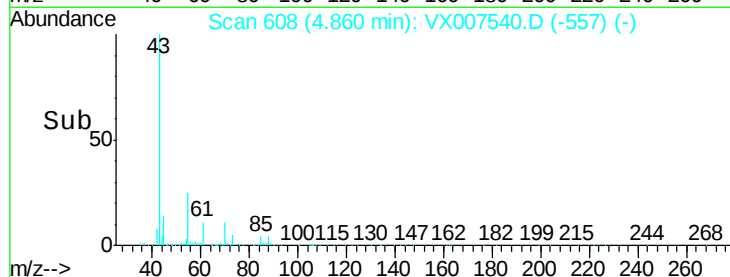
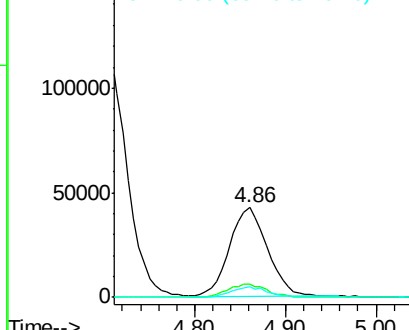
#37
Ethyl Acetate
Concen: 19.682 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	11.3	16.9
70	11.5	8.6	13.0

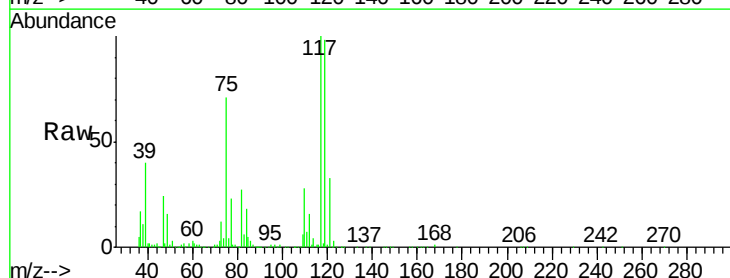


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

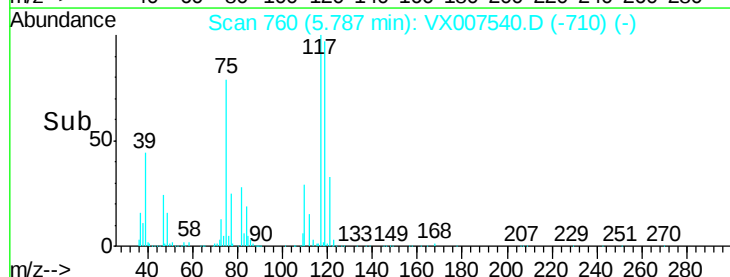
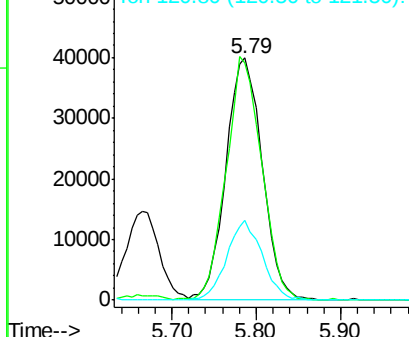


#38
Carbon Tetrachloride
Concen: 19.364 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	75.3	112.9
121	32.8	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

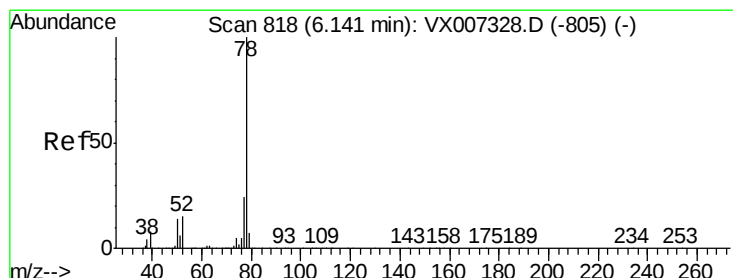
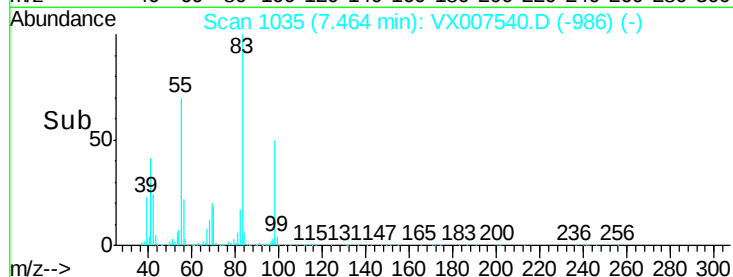
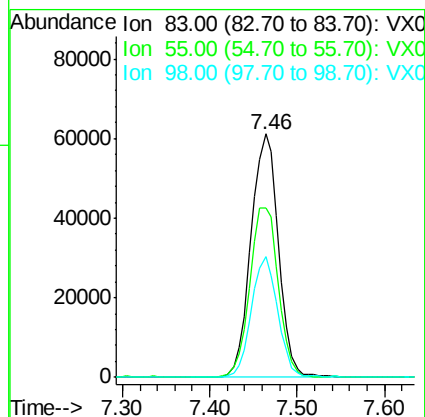
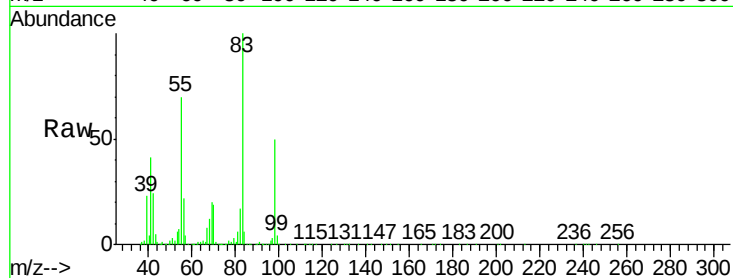




#39
Methvlcvclohexane
Concen: 17.713 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

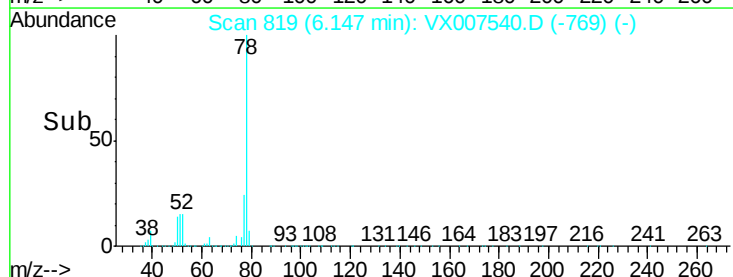
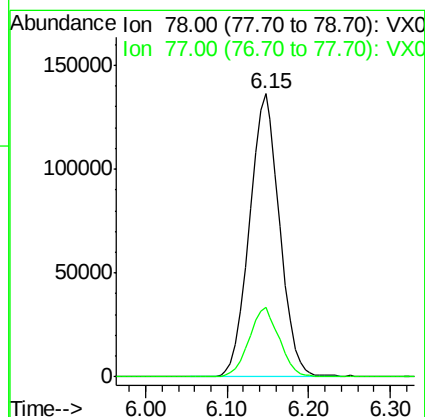
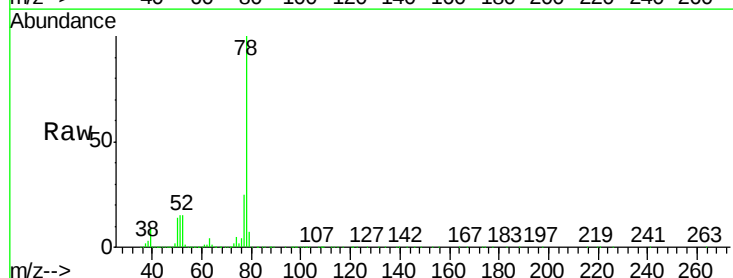
Instrument :
MSVOA_X
ClientSampleId :

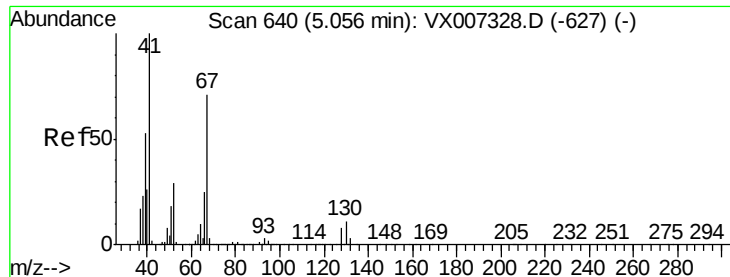
Tot Ion	83.00	Resp	133342
Ion	Ratio	Lower	Upper
83	100		
55	69.4	56.2	84.2
98	49.8	36.8	55.2



#40
Benzene
Concen: 19.142 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

Tgt Ion	78.00	Resp	350841
Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.3	28.9





#41

Methacrylonitrile

Concen: 19.986 ug/l

RT: 5.07 min Scan# 642

Delta R.T. 0.01 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 67371

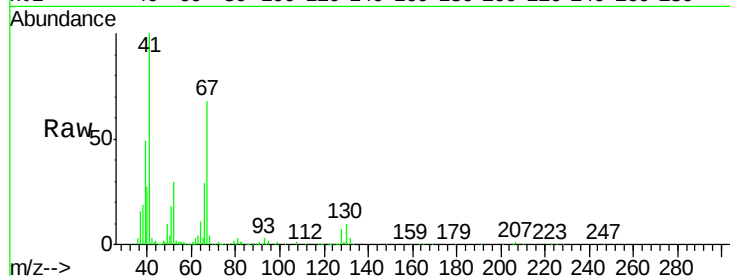
Ion Ratio Lower Upper

41 100

39 55.3 44.5 66.7

67 78.7 60.4 90.6

52 31.1 24.1 36.1

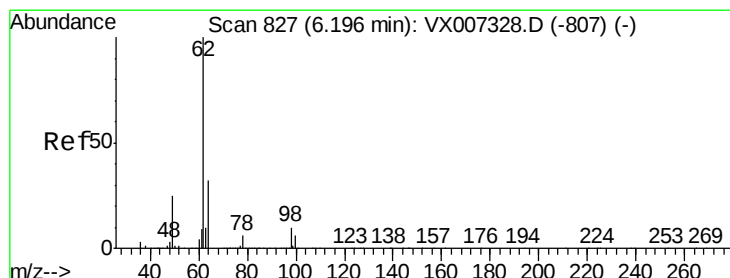
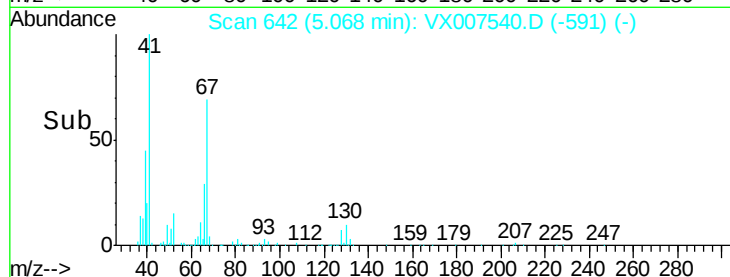
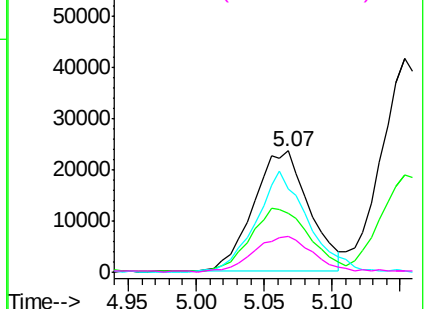


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 18.833 ug/l

RT: 6.20 min Scan# 828

Delta R.T. 0.01 min

Lab File: VX007540.D

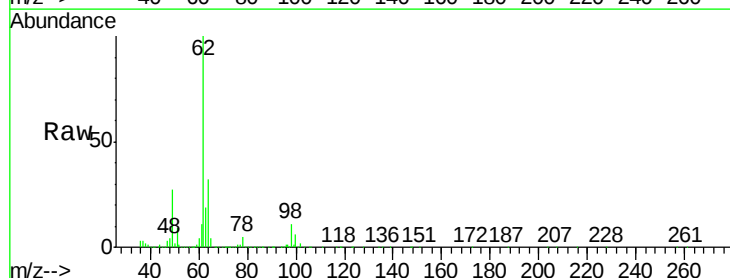
Acq: 14 Feb 2019 12:48

Tgt Ion: 62 Resp: 119428

Ion Ratio Lower Upper

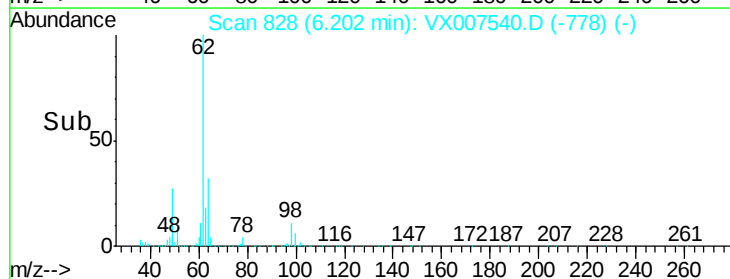
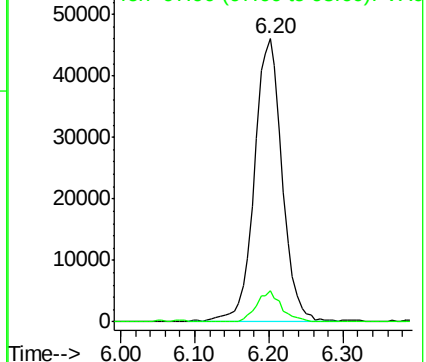
62 100

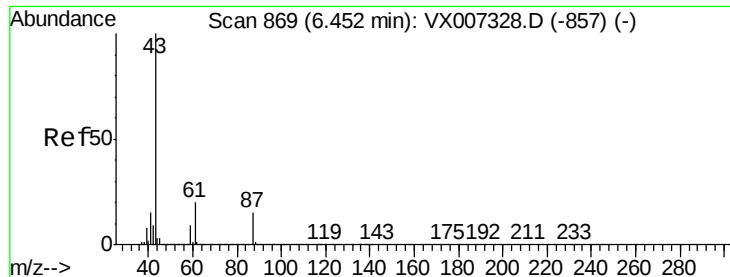
98 10.0 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



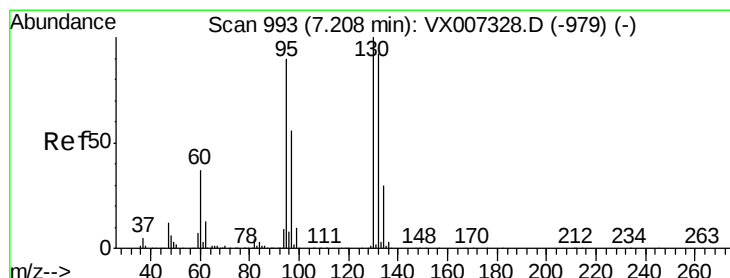
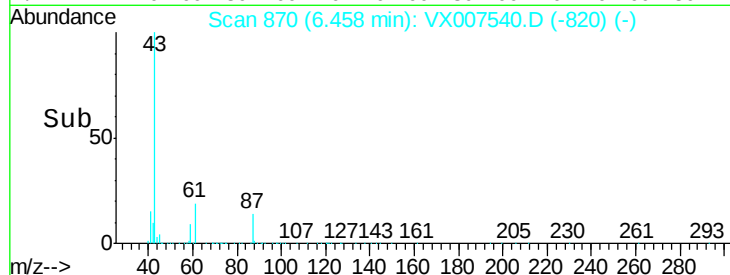
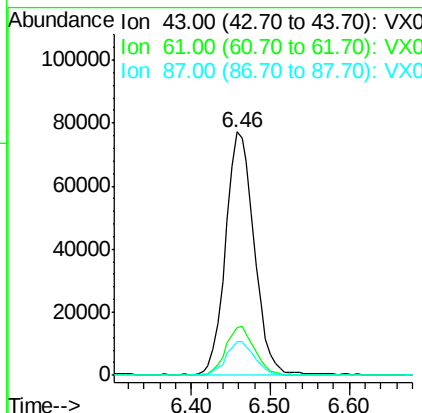
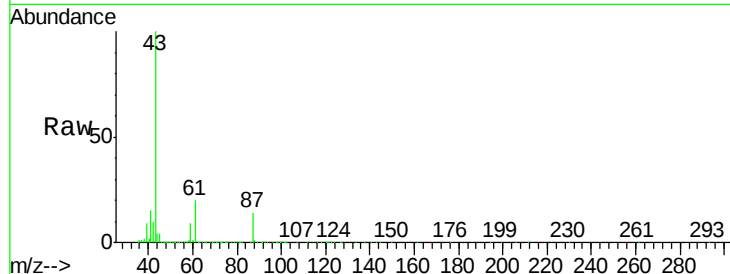


#43

Isopropyl Acetate
 Concen: 19.877 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.01 min
 Lab File: VX007540.D
 Acq: 14 Feb 2019 12:48

Instrument :
 MSVOA_X
 ClientSampleId :

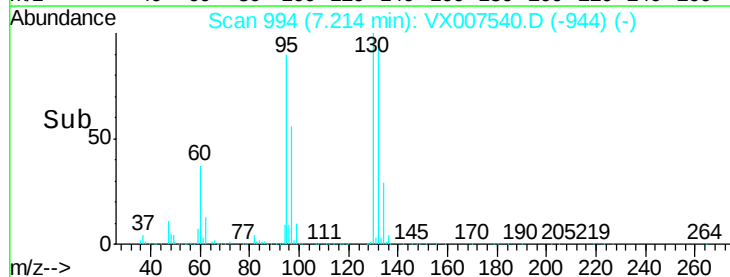
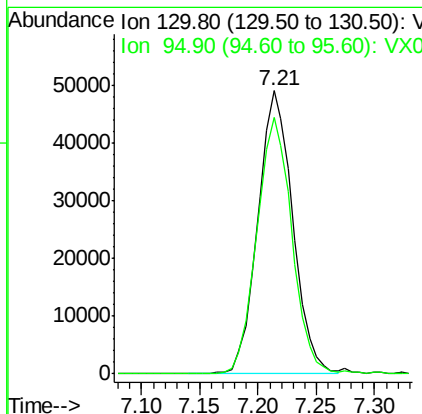
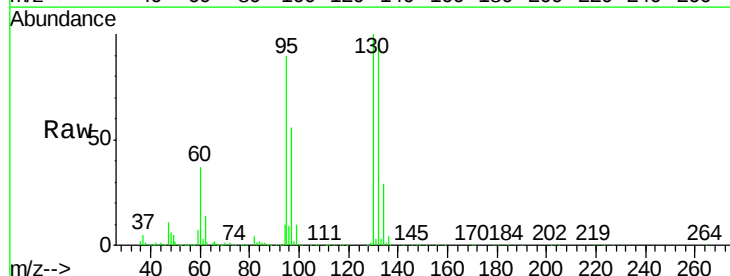
Tot Ion	43	Resp	192967
Ion Ratio	Lower	Upper	
43	100		
61	20.3	16.1	24.1
87	14.1	11.5	17.3

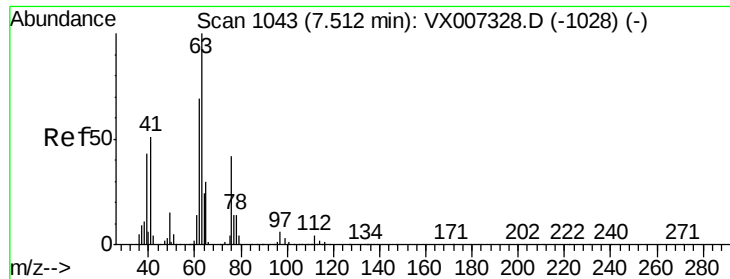


#44

Trichloroethene
 Concen: 18.571 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX007540.D
 Acq: 14 Feb 2019 12:48

Tgt Ion	130	Resp	102514
Ion Ratio	Lower	Upper	
130	100		
95	90.3	0.0	180.0





#45

1,2-Dichloropropane

Concen: 19.191 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Instrument :

MSVOA_X

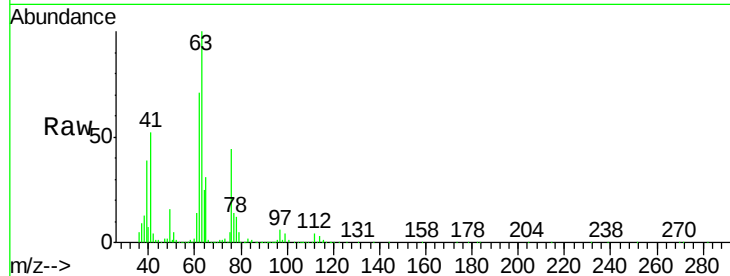
ClientSampleId :

Tot Ion: 63 Resp: 88127

Ion Ratio Lower Upper

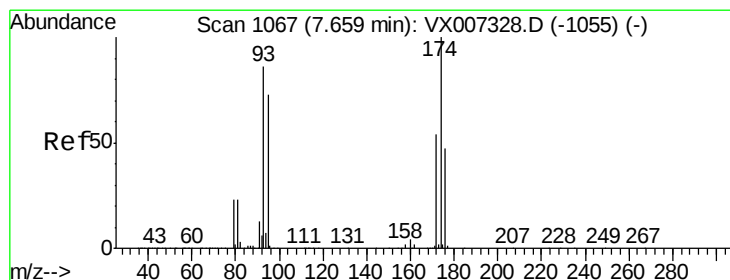
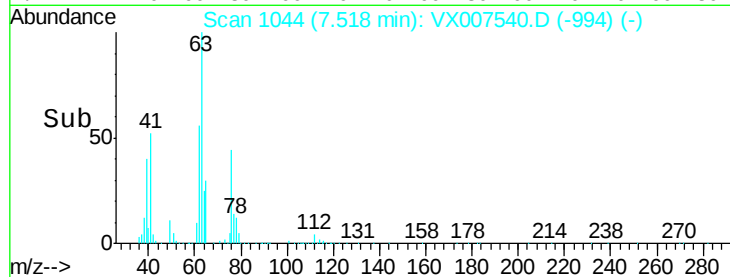
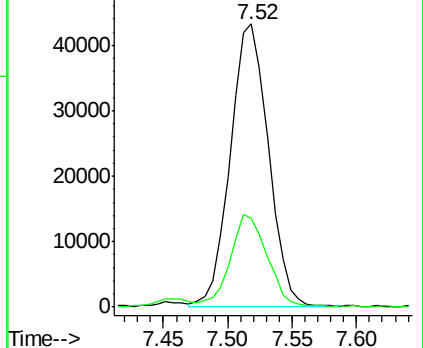
63 100

65 31.1 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.147 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

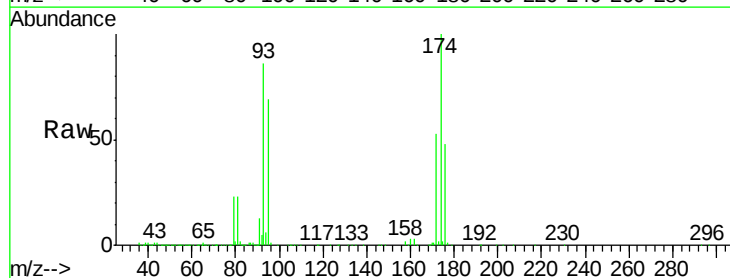
Tgt Ion: 93 Resp: 63906

Ion Ratio Lower Upper

93 100

95 84.4 67.6 101.4

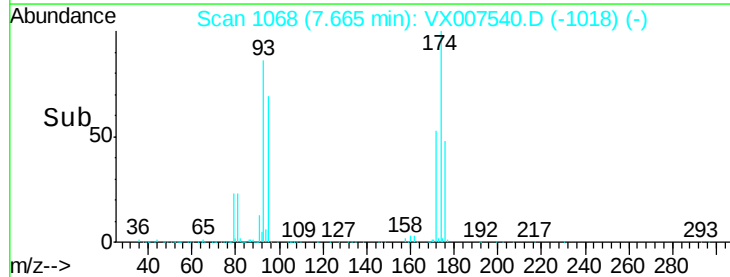
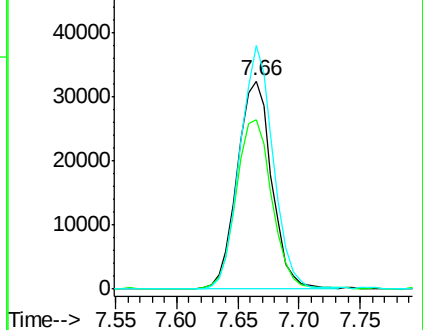
174 112.0 94.2 141.4

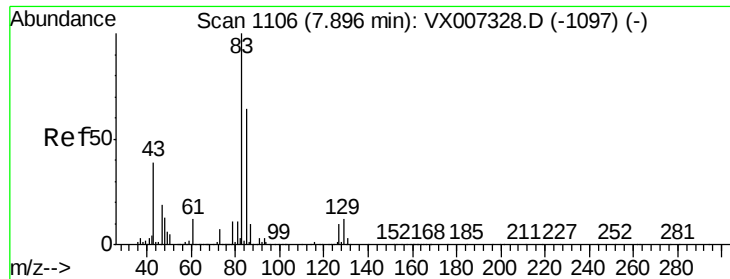


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.817 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

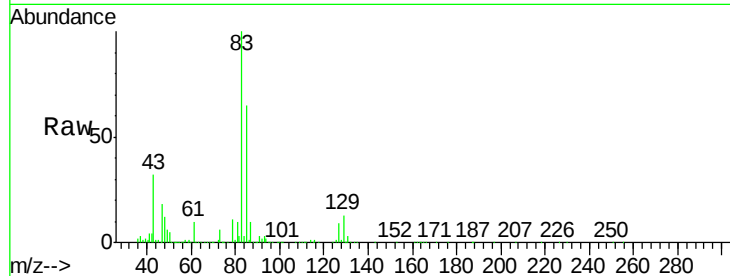
Tot Ion: 83 Resp: 112094

Ion Ratio Lower Upper

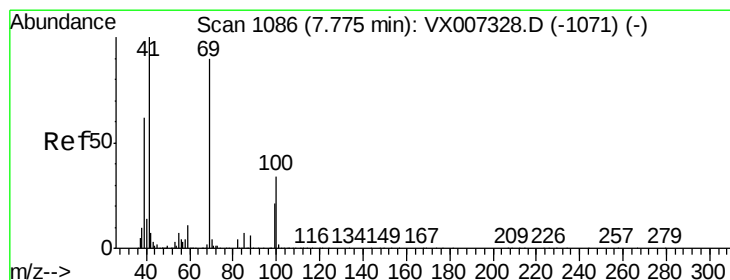
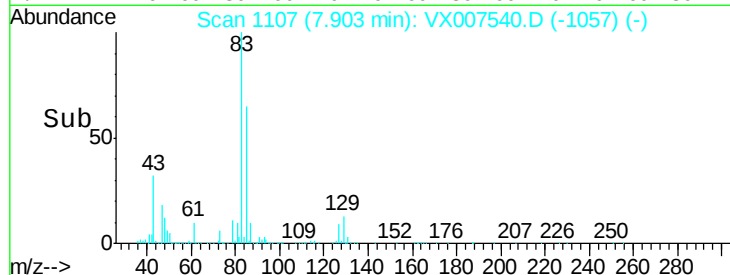
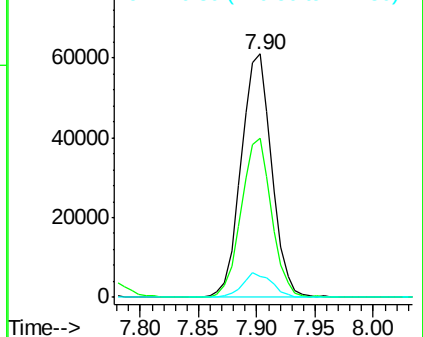
83 100

85 65.2 51.4 77.0

127 8.8 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: 20.383 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

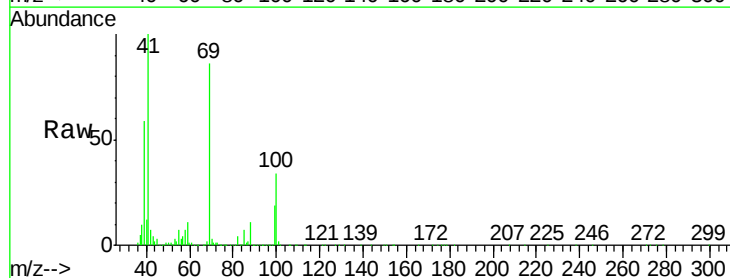
Tgt Ion: 41 Resp: 98979

Ion Ratio Lower Upper

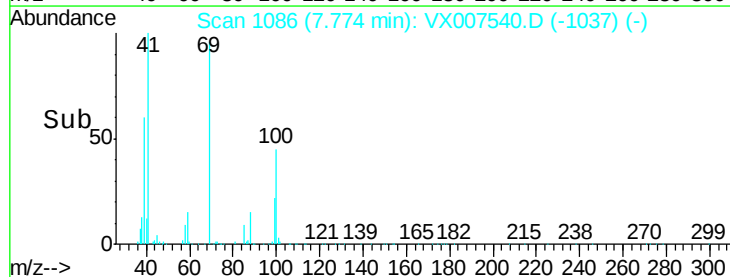
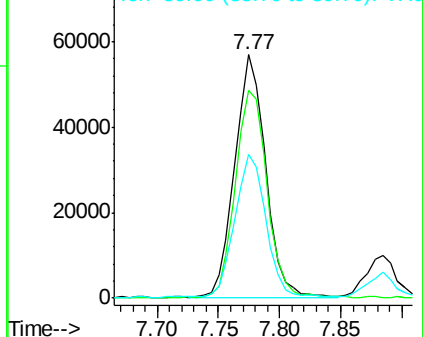
41 100

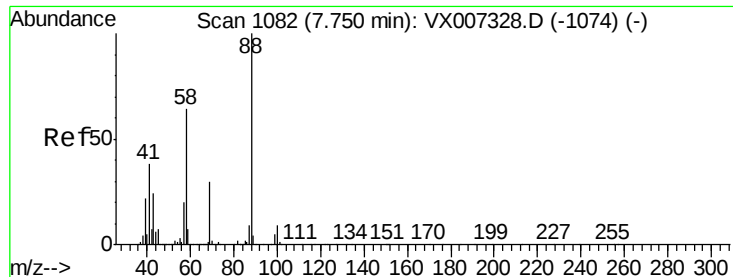
69 89.0 70.2 105.4

39 58.7 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: 430.973 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Instrument :
MSVOA_X
ClientSampleId :

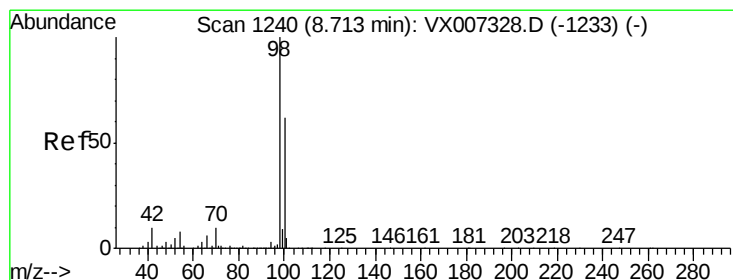
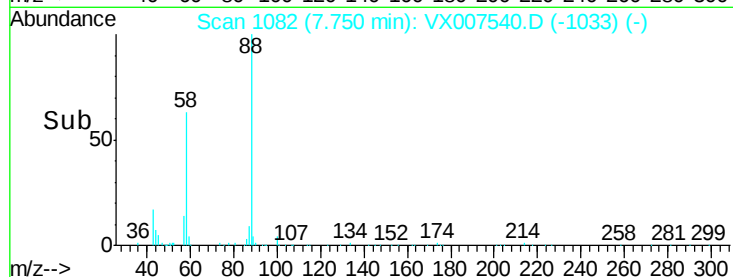
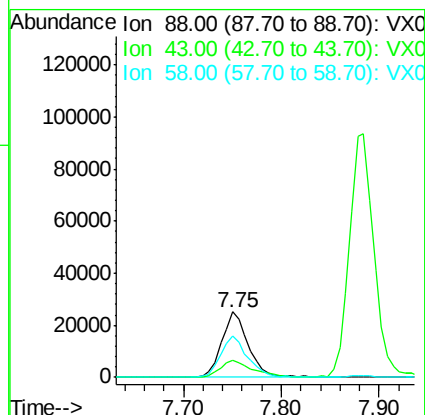
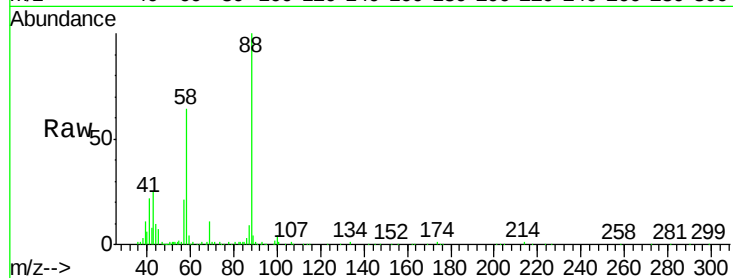
Tot Ion: 88 Resp: 47159

Ion Ratio Lower Upper

88 100

43 29.6 24.2 36.4

58 65.0 53.0 79.4



#50

Toluene-d8

Concen: 49.701 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007540.D

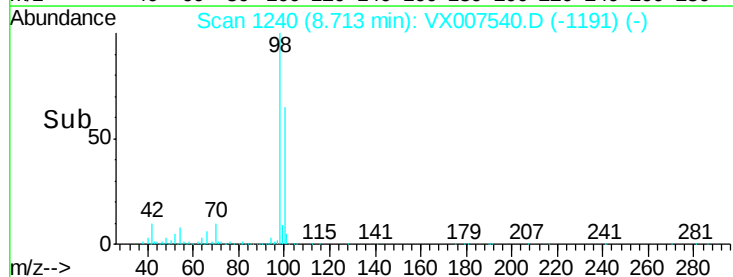
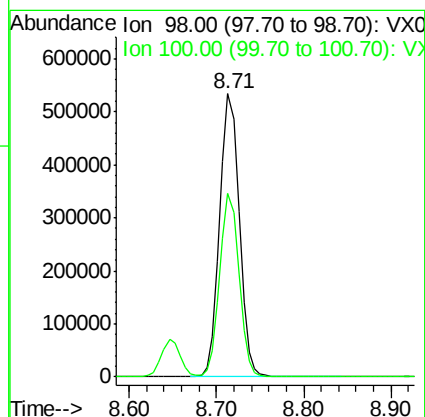
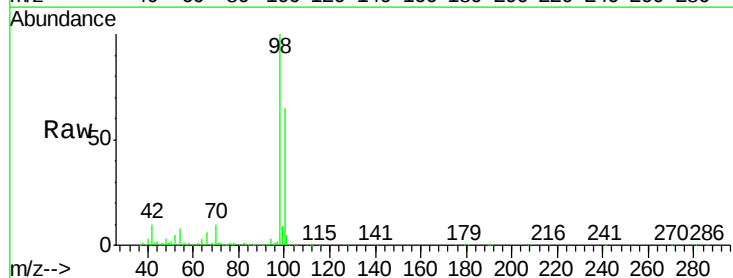
Acq: 14 Feb 2019 12:48

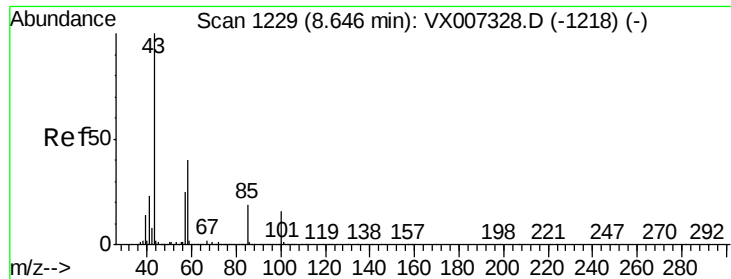
Tgt Ion: 98 Resp: 832035

Ion Ratio Lower Upper

98 100

100 64.1 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 102.223 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Instrument :

MSVOA_X

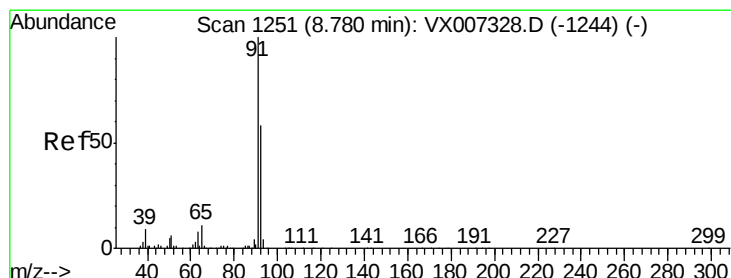
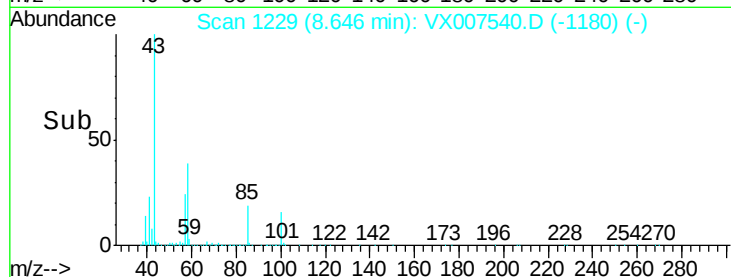
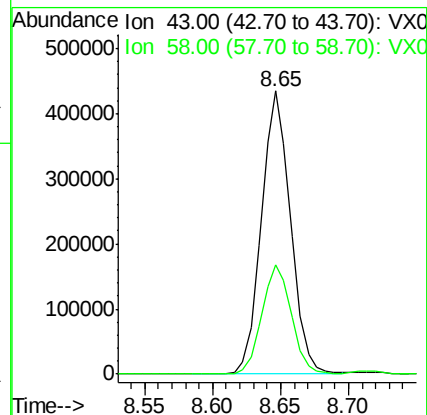
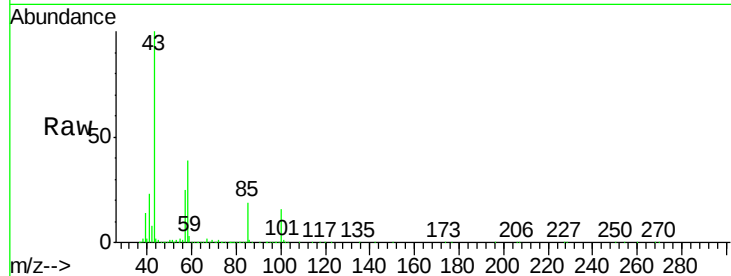
ClientSampleId :

Tot Ion: 43 Resp: 653300

Ion Ratio Lower Upper

43 100

58 39.0 31.2 46.8



#52

Toluene

Concen: 19.036 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007540.D

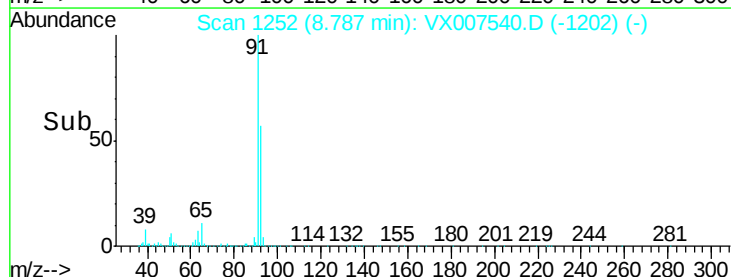
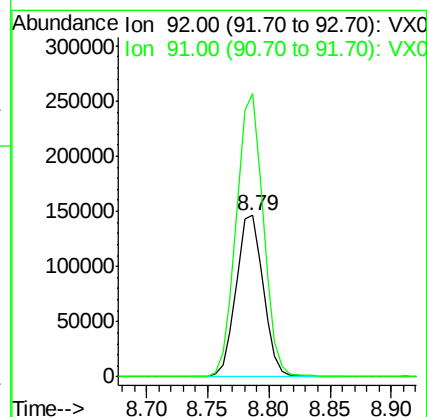
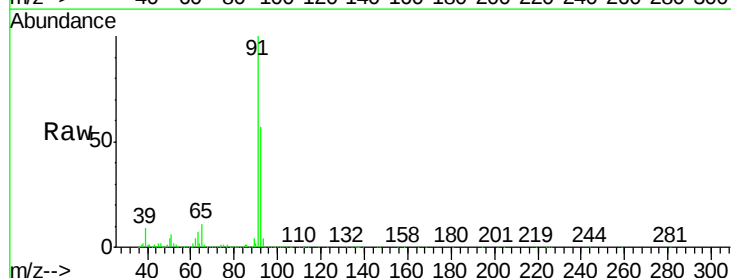
Acq: 14 Feb 2019 12:48

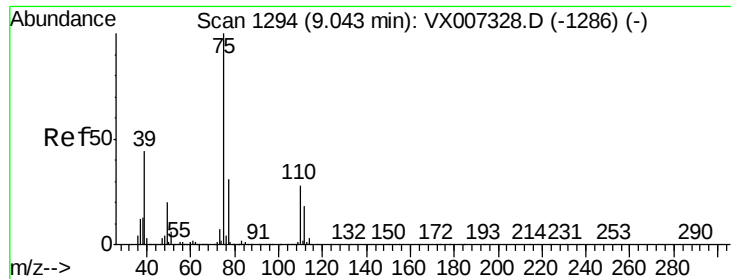
Tgt Ion: 92 Resp: 225109

Ion Ratio Lower Upper

92 100

91 173.9 139.1 208.7

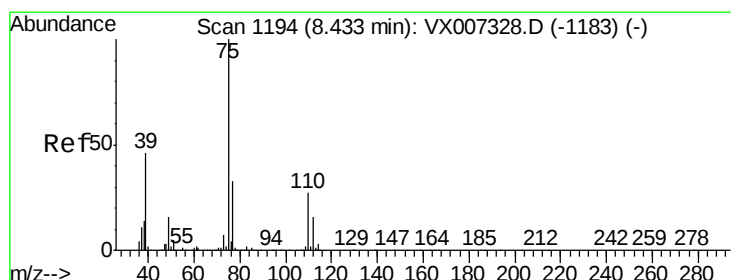
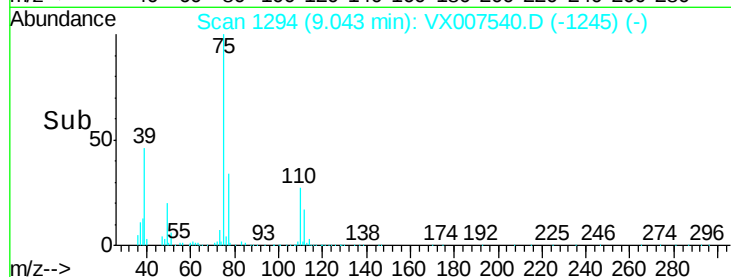
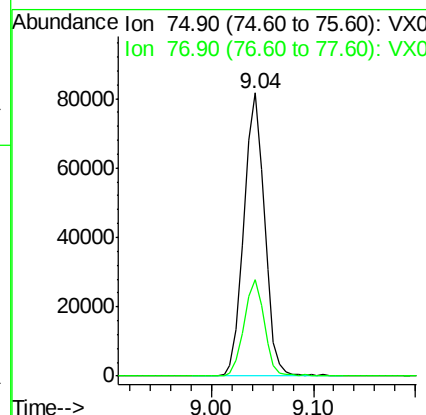
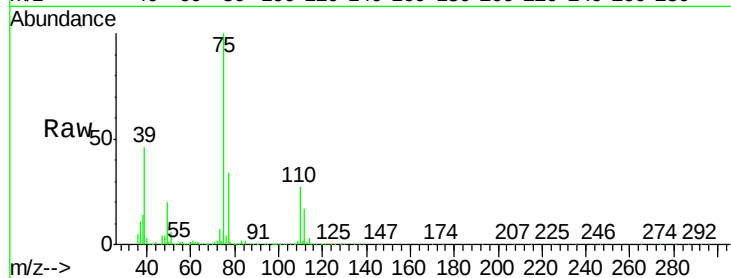




#53
 t-1,3-Dichloropropene
 Concen: 18.808 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX007540.D
 Acq: 14 Feb 2019 12:48

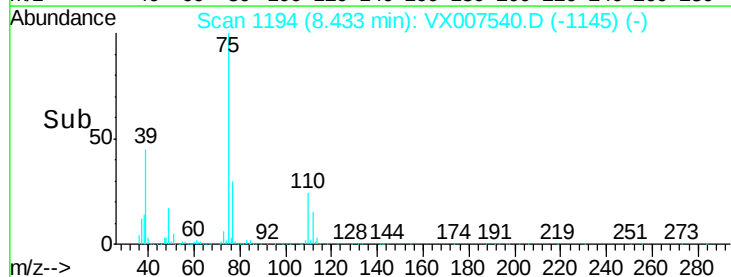
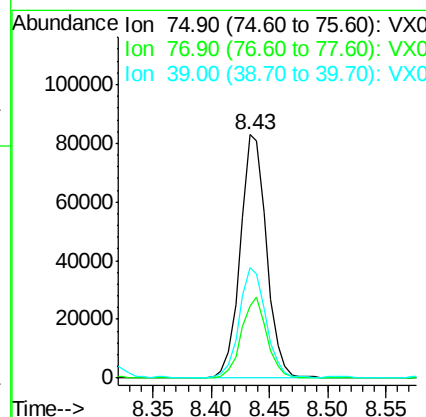
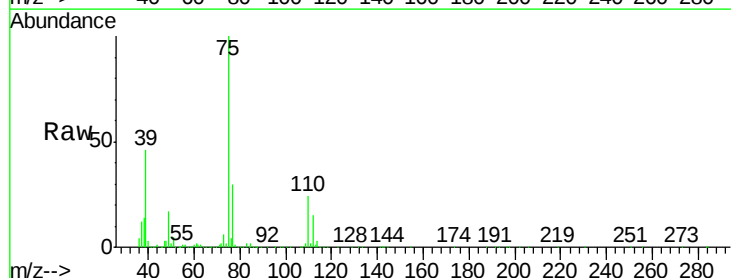
Instrument :
 MSVOA_X
 ClientSampleId :

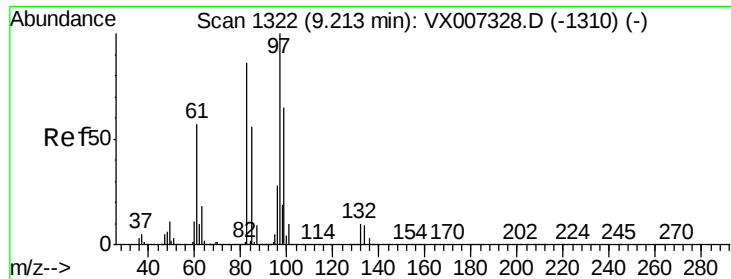
Tot Ion: 75 Resp: 114277
 Ion Ratio Lower Upper
 75 100
 77 33.8 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 19.599 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX007540.D
 Acq: 14 Feb 2019 12:48

Tgt Ion: 75 Resp: 130954
 Ion Ratio Lower Upper
 75 100
 77 29.8 26.2 39.4
 39 45.3 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 19.484 ug/l

RT: 9.21 min Scan# 1322

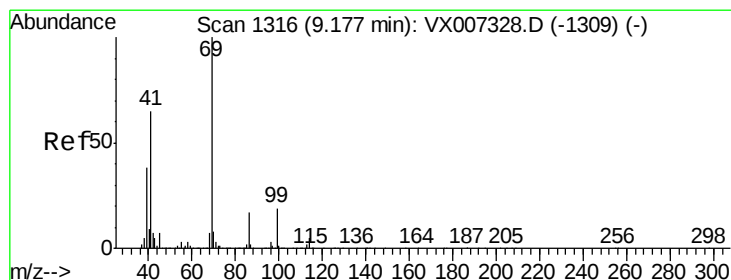
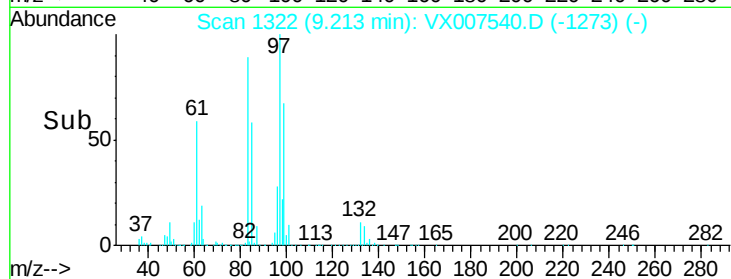
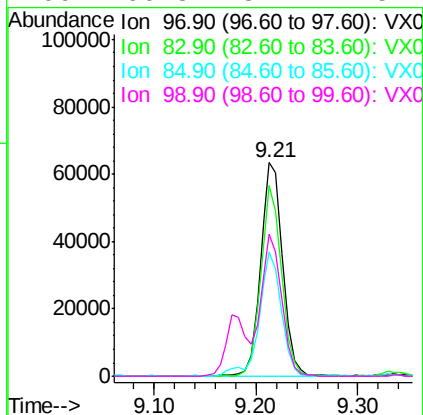
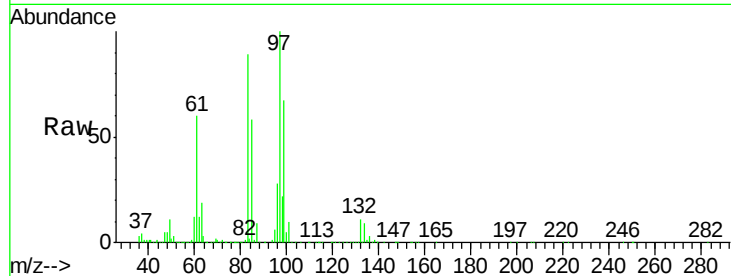
Delta R.T. -0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	97	Resp:	96039
Ion	Ratio	Lower	Upper
97	100		
83	89.1	68.6	102.8
85	58.1	44.5	66.7
99	66.8	52.2	78.4



#56

Ethyl methacrylate

Concen: 19.594 ug/l

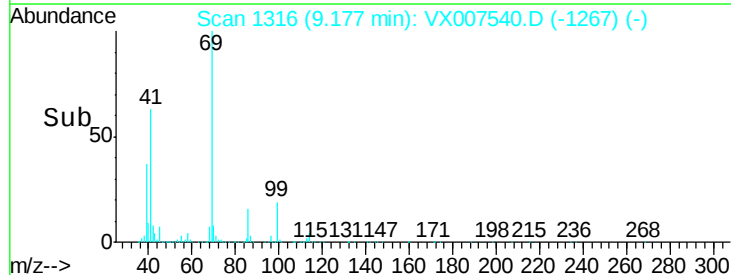
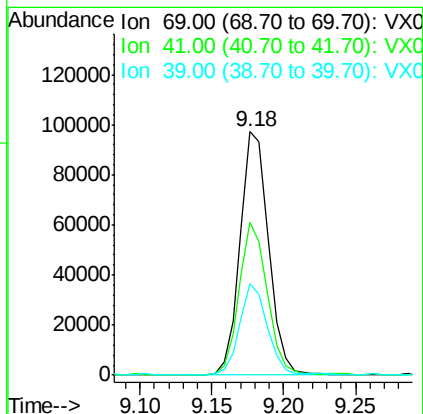
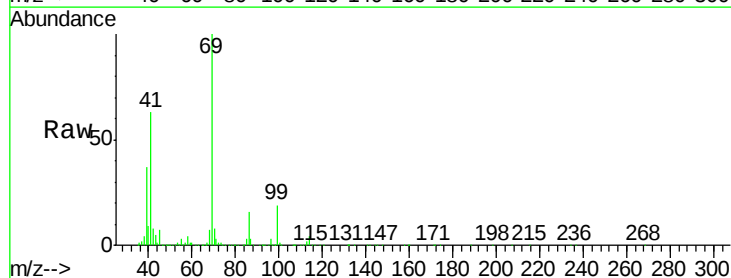
RT: 9.18 min Scan# 1316

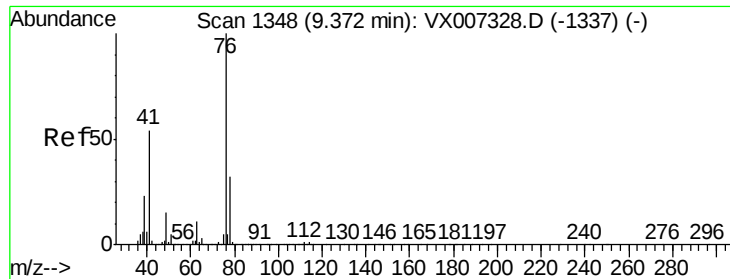
Delta R.T. -0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Tgt Ion:	69	Resp:	133770
Ion	Ratio	Lower	Upper
69	100		
41	61.2	52.1	78.1
39	36.2	30.1	45.1





#57

1,3-Dichloropropane

Concen: 19.374 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Instrument :

MSVOA_X

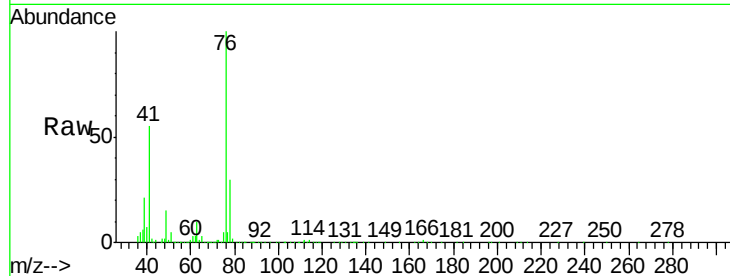
ClientSampleId :

Tot Ion: 76 Resp: 151869

Ion Ratio Lower Upper

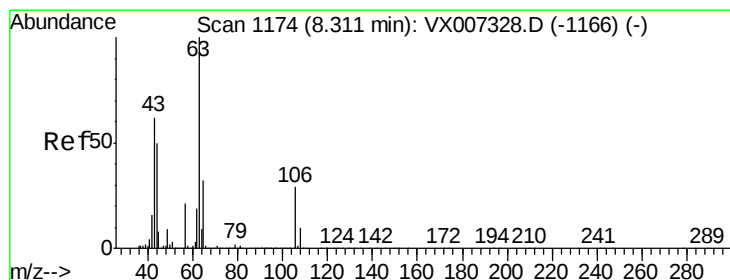
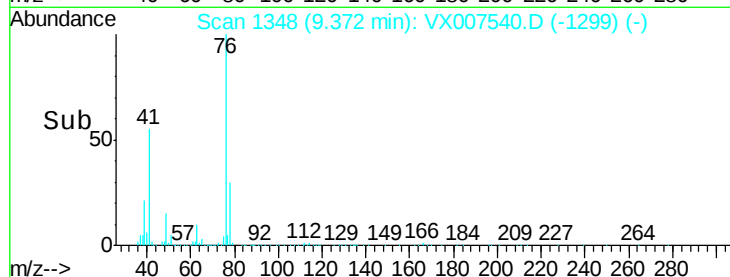
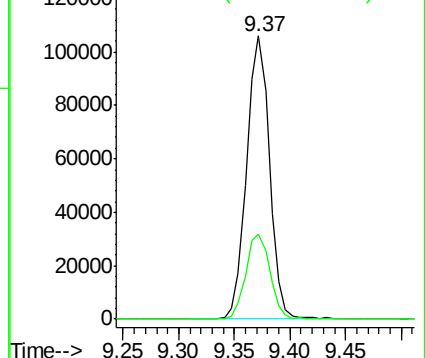
76 100

78 31.8 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 96.033 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007540.D

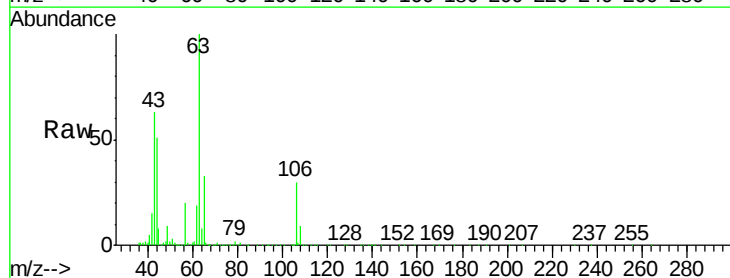
Acq: 14 Feb 2019 12:48

Tgt Ion: 63 Resp: 345565

Ion Ratio Lower Upper

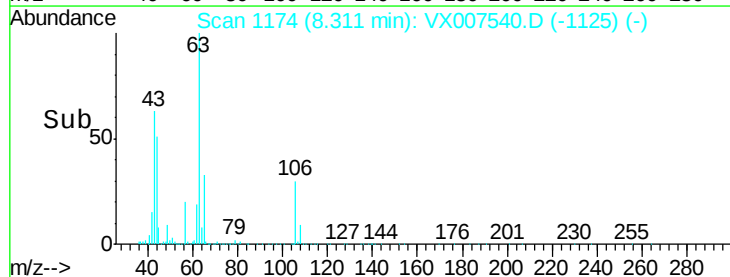
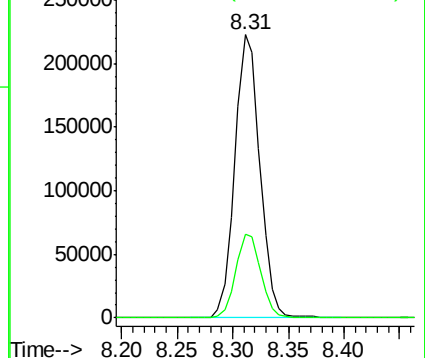
63 100

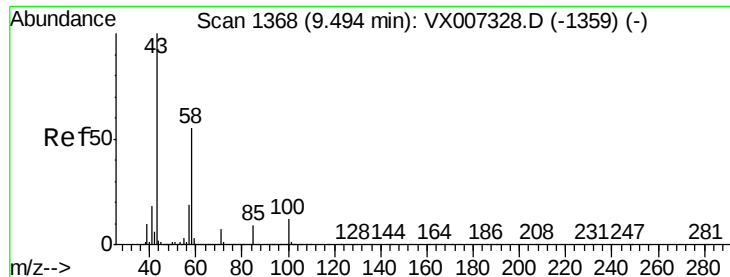
106 29.9 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

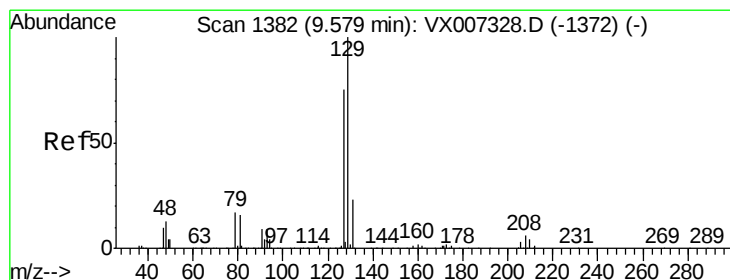
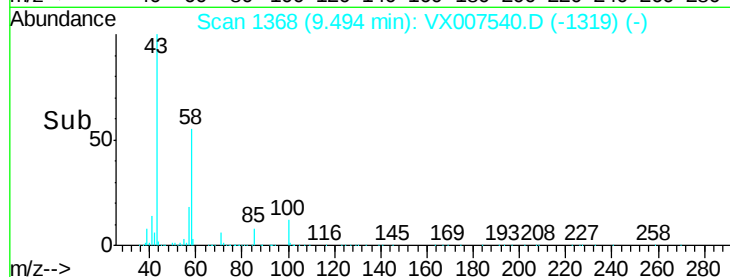
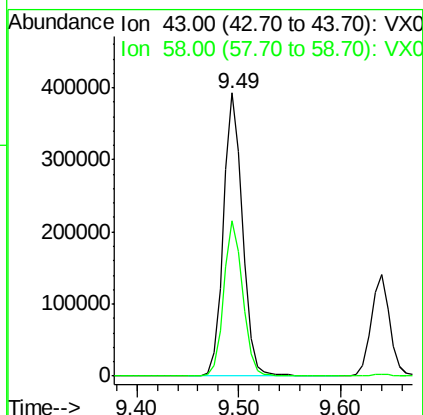
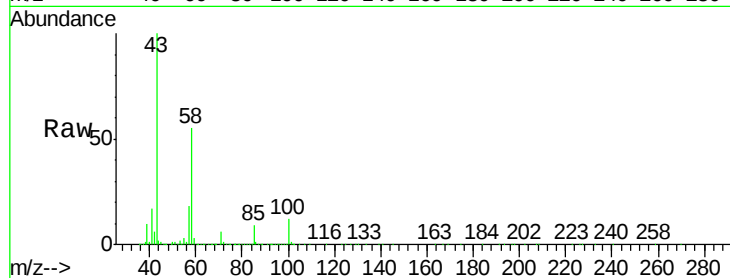




#59
2-Hexanone
Concen: 102.314 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

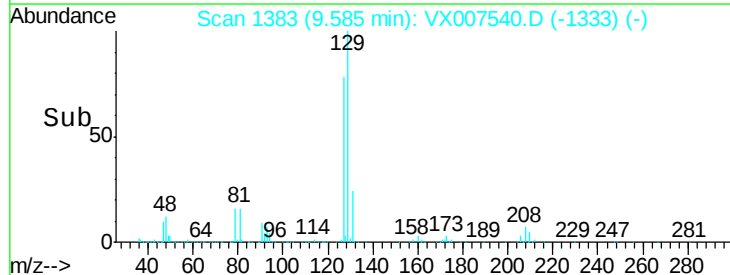
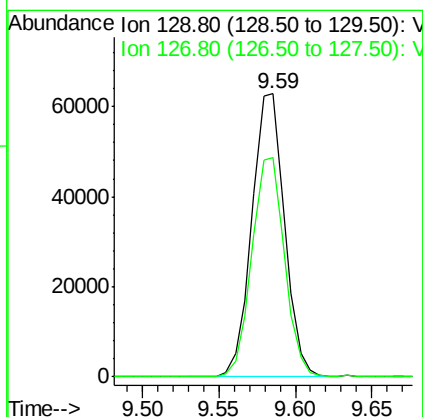
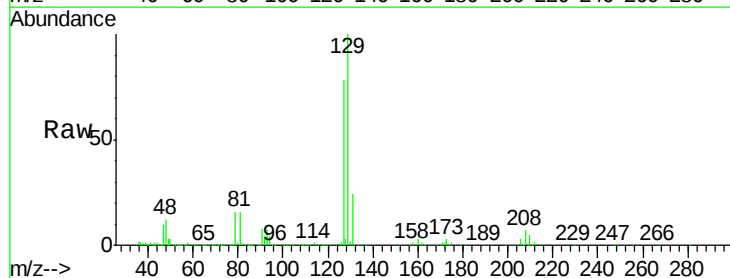
Instrument :
MSVOA_X
ClientSampled :

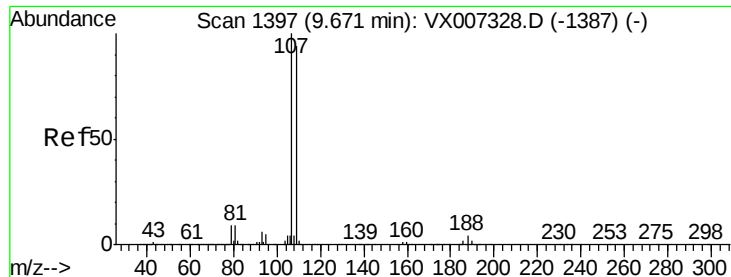
Tot Ion: 43 Resp: 508833
Ion Ratio Lower Upper
43 100
58 54.8 27.1 81.3



#60
Dibromochloromethane
Concen: 20.129 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

Tgt Ion:129 Resp: 93841
Ion Ratio Lower Upper
129 100
127 77.3 37.8 113.4





#61

1,2-Dibromoethane

Concen: 19.494 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Instrument :

MSVOA_X

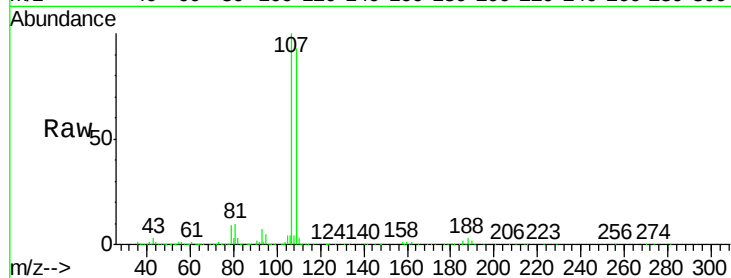
ClientSampleId :

Tot Ion:107 Resp: 101761

Ion Ratio Lower Upper

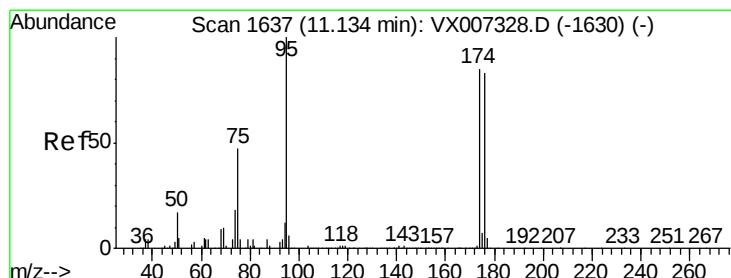
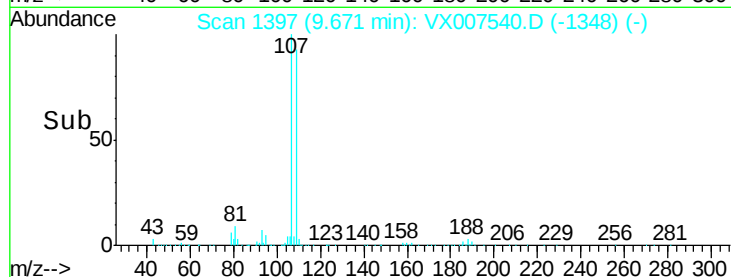
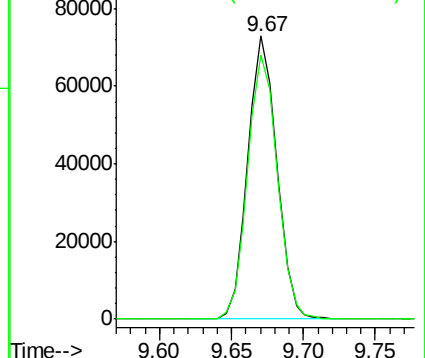
107 100

109 95.4 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.880 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

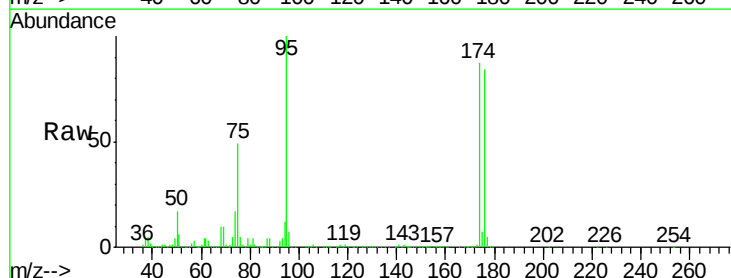
Tgt Ion: 95 Resp: 286530

Ion Ratio Lower Upper

95 100

174 94.8 0.0 189.2

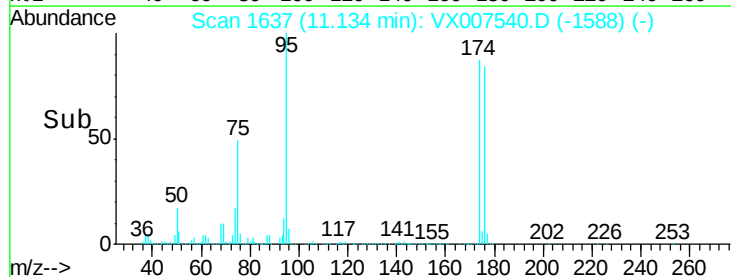
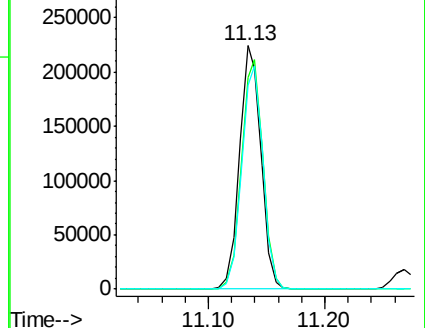
176 91.7 0.0 186.2

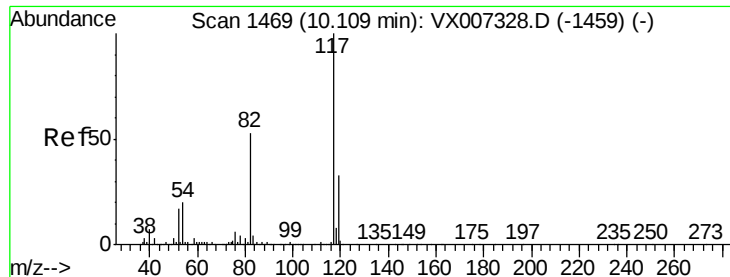


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

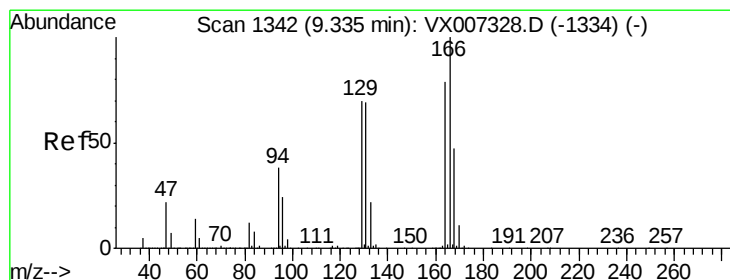
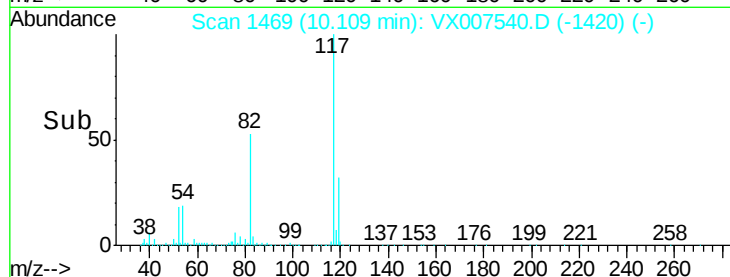
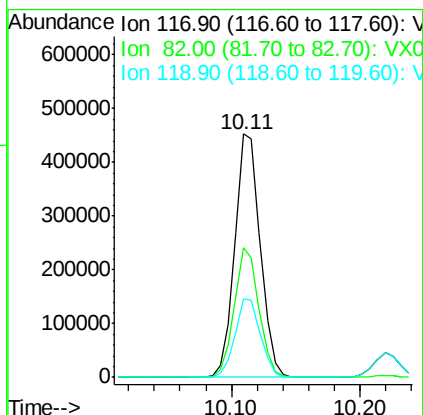
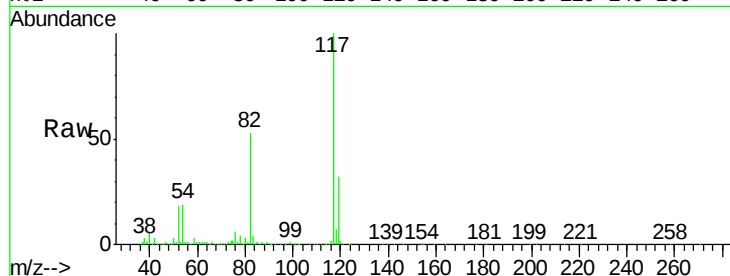




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

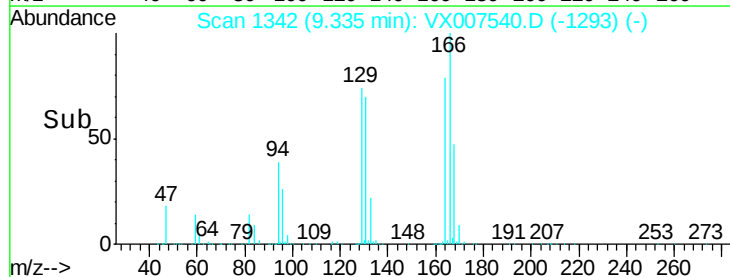
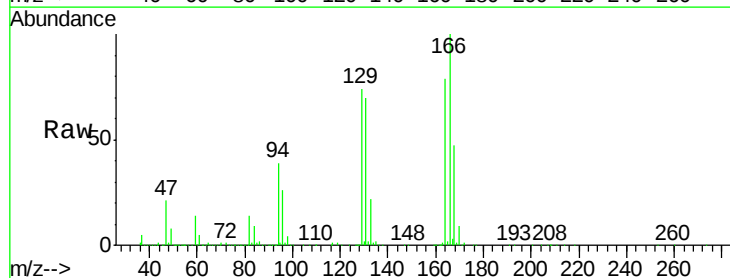
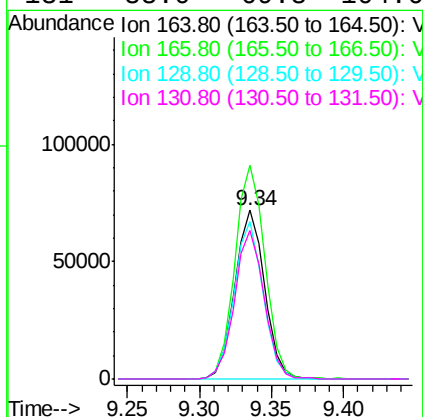
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.1	42.1	63.1
119	32.2	26.5	39.7



#64
Tetrachloroethene
Concen: 17.713 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.3	101.0	151.4
129	93.0	70.5	105.7
131	88.0	69.8	104.6





#65

Chlorobenzene

Concen: 19.190 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Instrument :

MSVOA_X

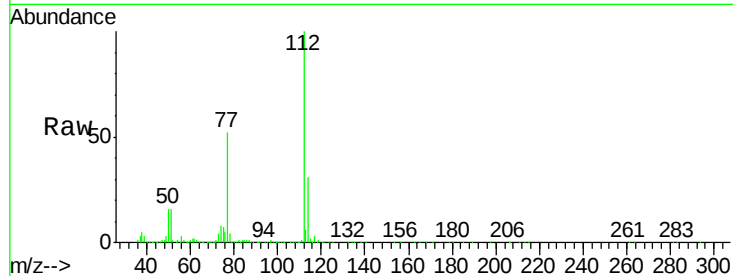
ClientSampleId :

Tot Ion:112 Resp: 260884

Ion Ratio Lower Upper

112 100

114 31.1 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

200000

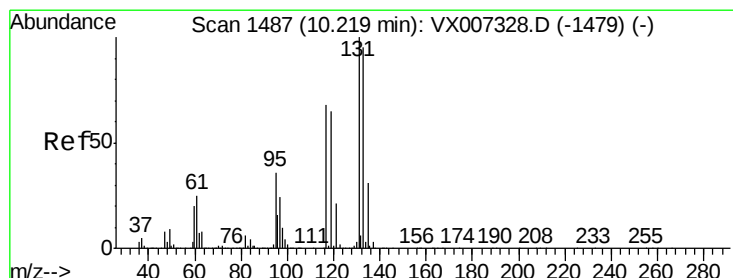
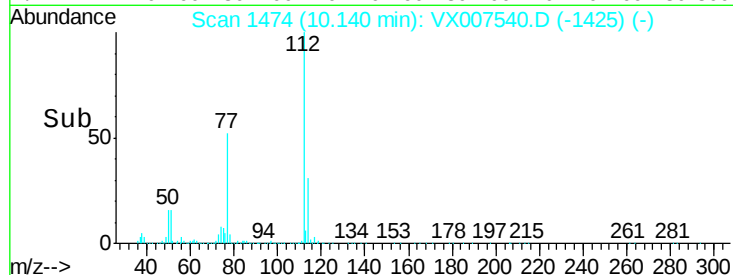
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.622 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

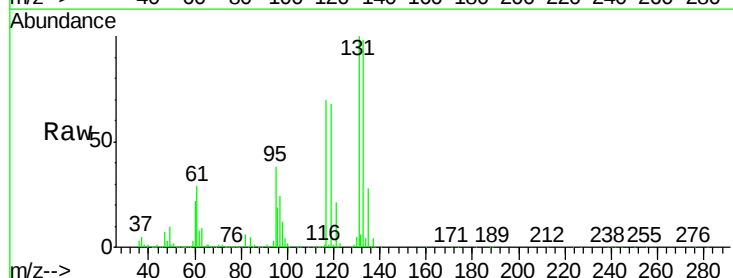
Tgt Ion:131 Resp: 93995

Ion Ratio Lower Upper

131 100

133 95.5 48.0 144.2

119 65.1 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

200000

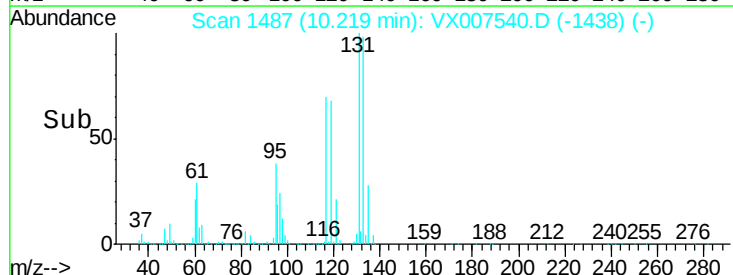
150000

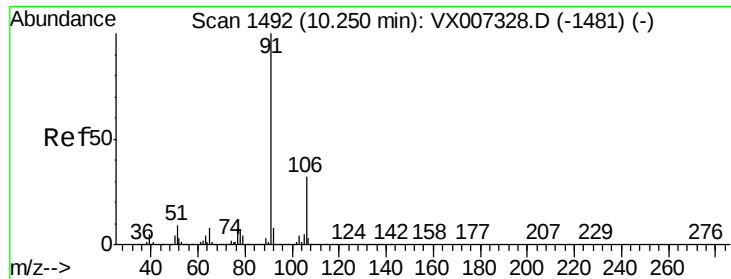
100000

50000

0

Time-->





#67

Ethyl Benzene

Concen: 18.998 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Instrument :

MSVOA_X

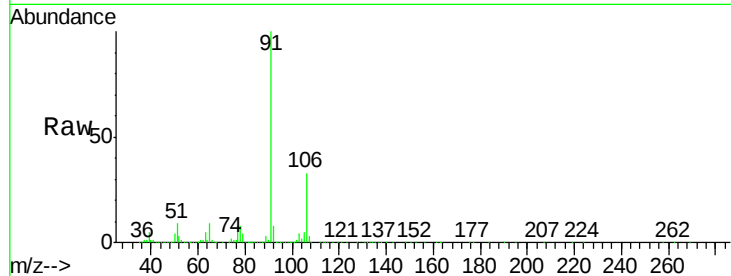
ClientSampleId :

Tot Ion: 91 Resp: 415922

Ion Ratio Lower Upper

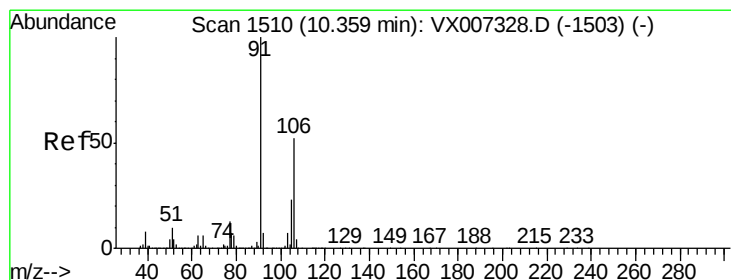
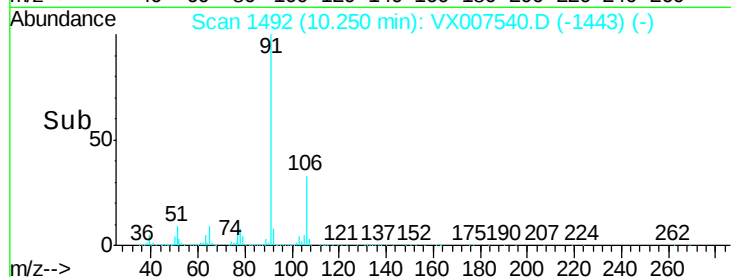
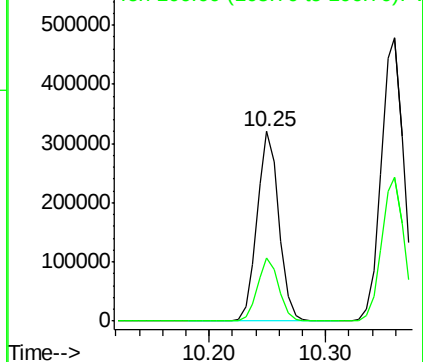
91 100

106 33.4 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 37.600 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007540.D

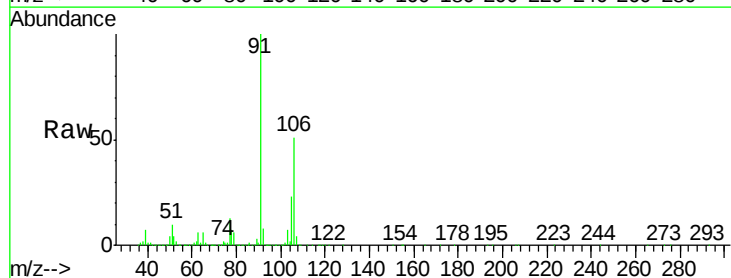
Acq: 14 Feb 2019 12:48

Tgt Ion: 106 Resp: 327221

Ion Ratio Lower Upper

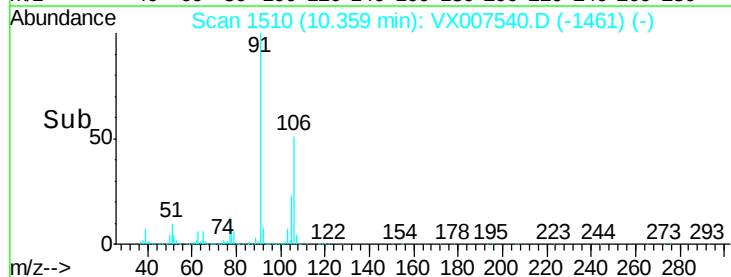
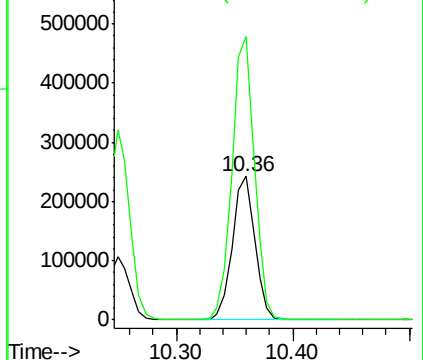
106 100

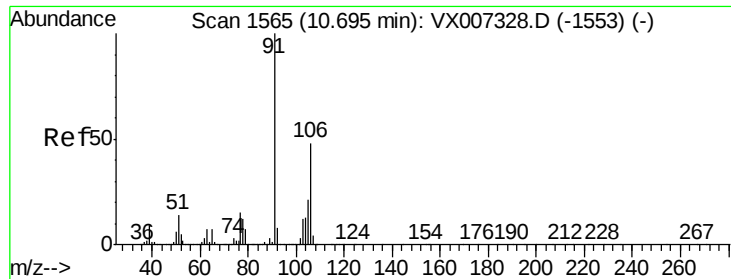
91 197.4 156.6 234.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

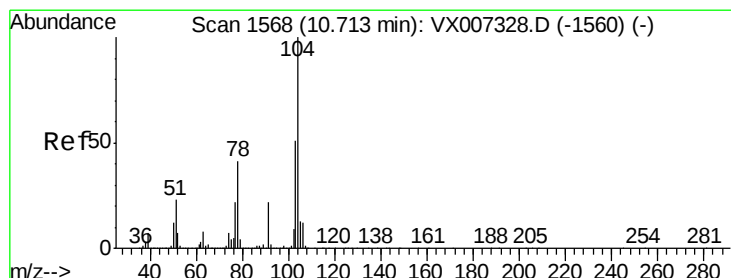
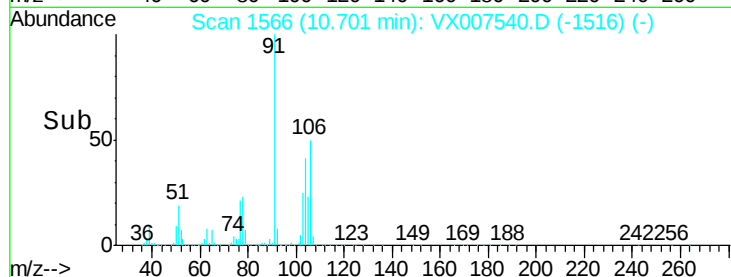
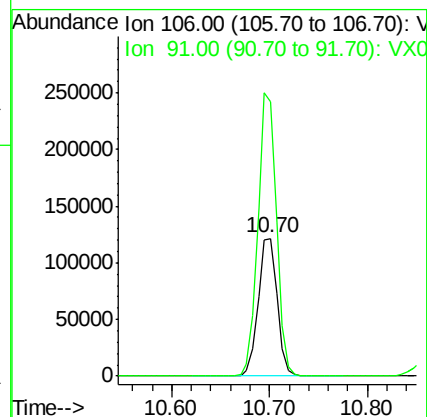
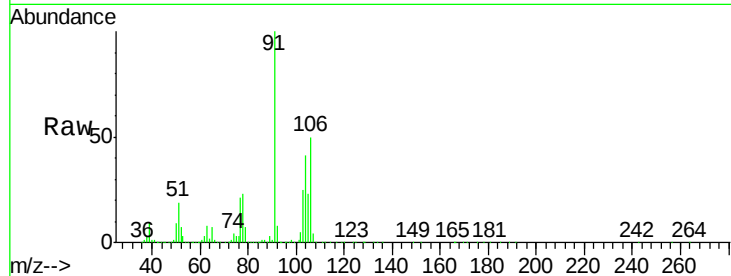




#69
o-Xylene
Concen: 19.496 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

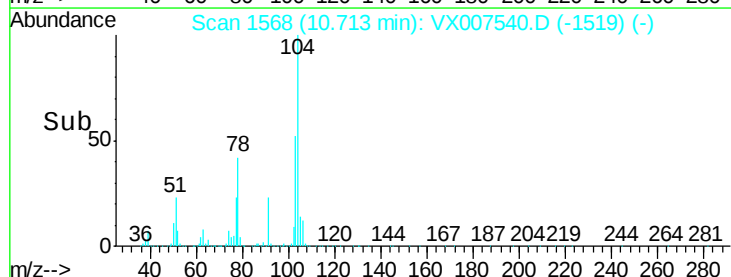
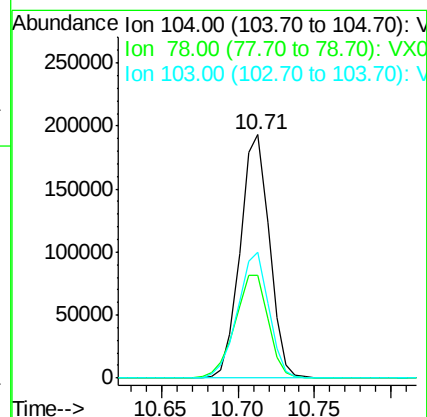
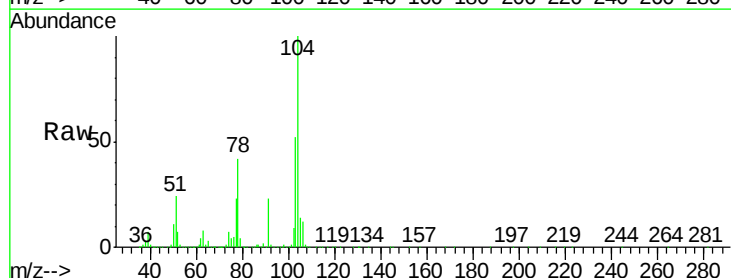
Instrument :
MSVOA_X
ClientSampleID :

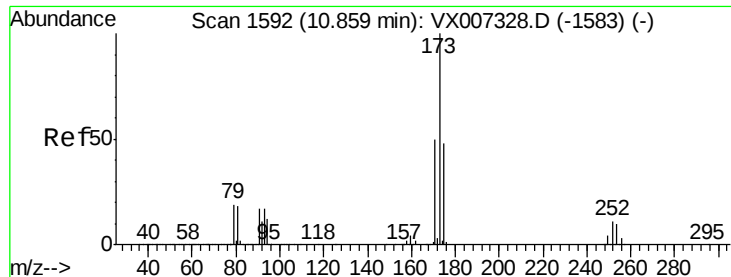
Tot Ion:106 Resp: 163263
Ion Ratio Lower Upper
106 100
91 201.3 102.9 308.7



#70
Styrene
Concen: 18.888 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

Tgt Ion:104 Resp: 256514
Ion Ratio Lower Upper
104 100
78 48.2 38.3 57.5
103 55.4 44.6 67.0





#71

Bromoform

Concen: 20.090 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

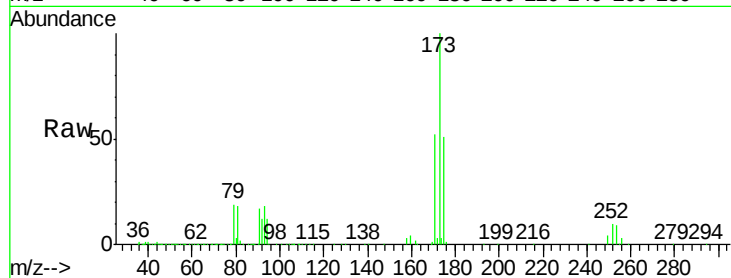
Tot Ion:173 Resp: 69835

Ion Ratio Lower Upper

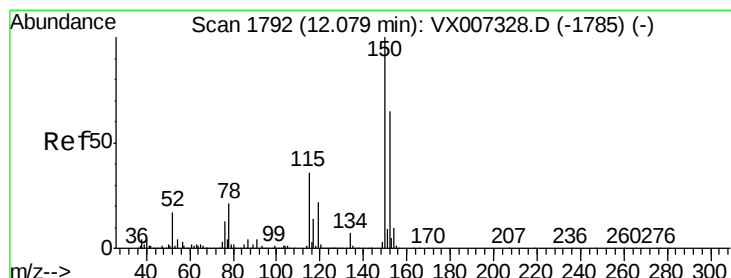
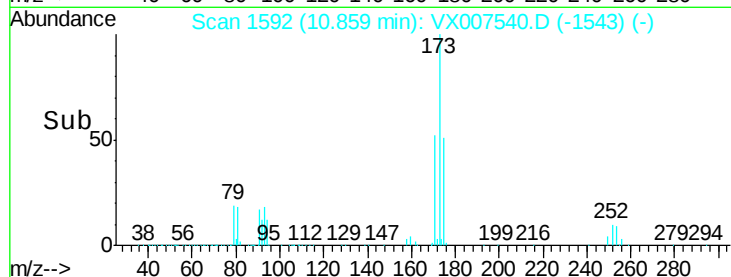
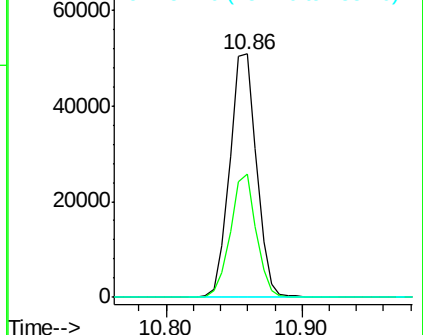
173 100

175 48.9 24.2 72.6

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

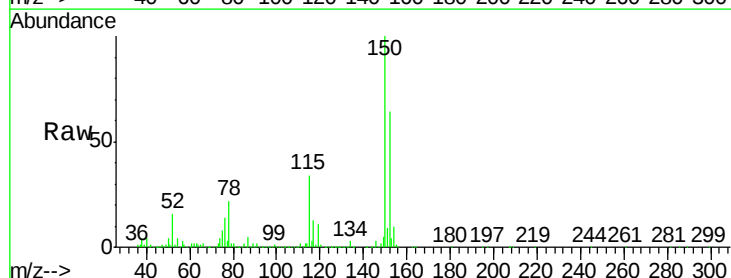
Tgt Ion:152 Resp: 316315

Ion Ratio Lower Upper

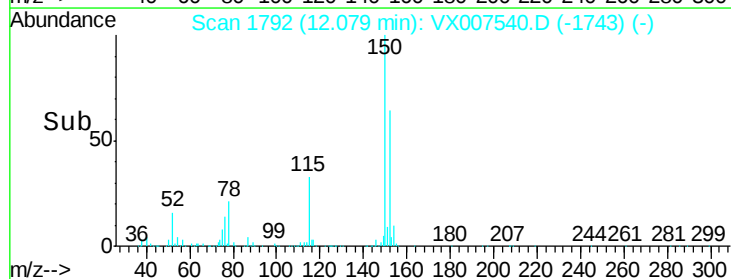
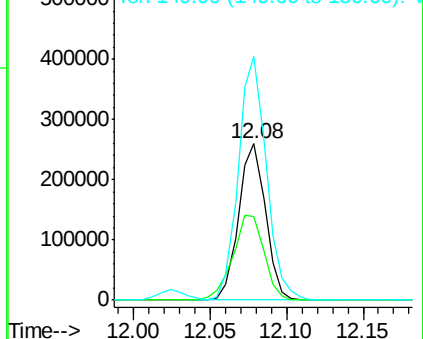
152 100

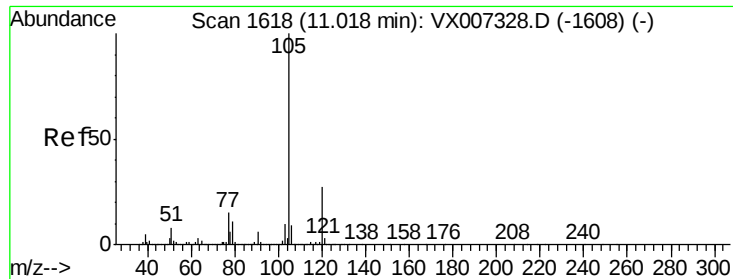
115 62.8 38.0 114.0

150 162.0 0.0 346.4



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





#73

Isopropylbenzene

Concen: 19.783 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Instrument :

MSVOA_X

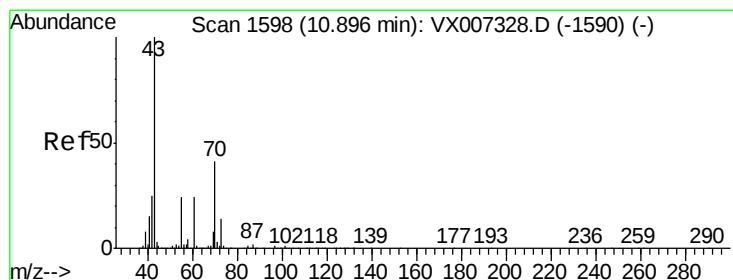
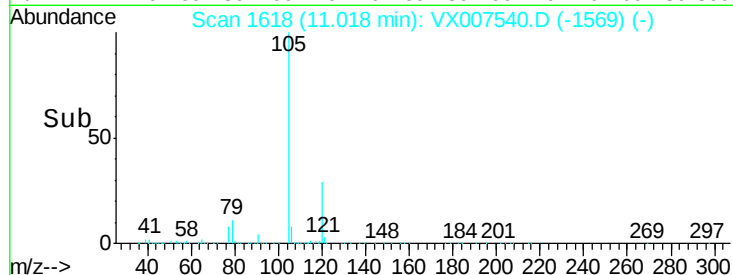
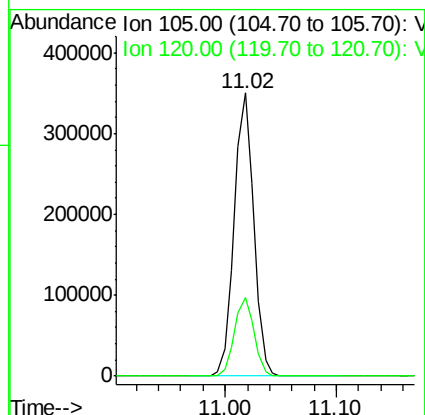
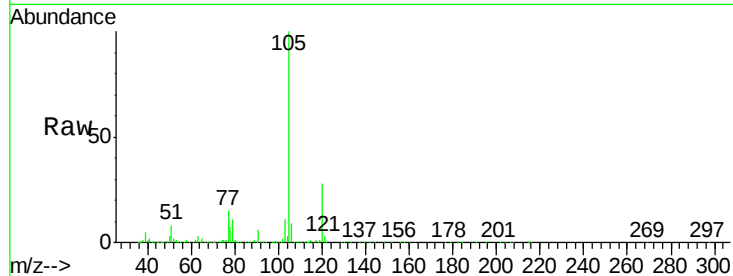
ClientSampleId :

Tot Ion:105 Resp: 425233

Ion Ratio Lower Upper

105 100

120 27.8 13.6 40.7



#74

N-ethyl acetate

Concen: 19.725 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Tgt Ion: 43 Resp: 163994

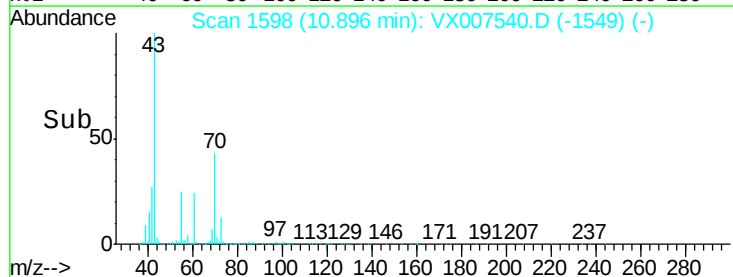
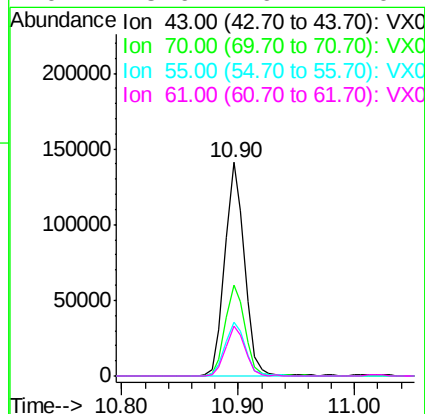
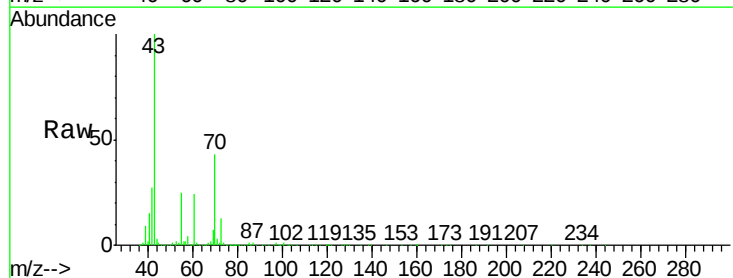
Ion Ratio Lower Upper

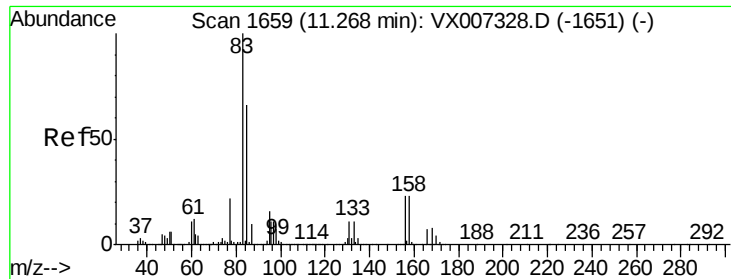
43 100

70 43.7 33.8 50.6

55 26.4 19.5 29.3

61 23.6 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.429 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

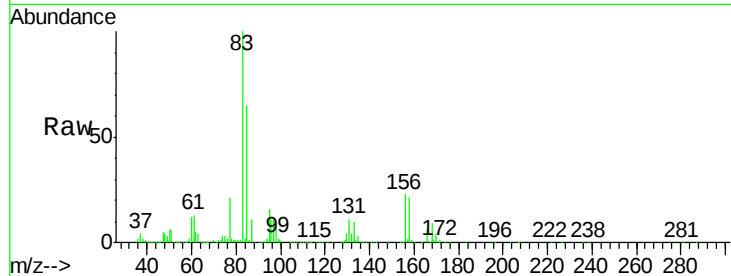
Tot Ion: 83 Resp: 140379

Ion Ratio Lower Upper

83 100

131 10.9 5.7 17.0

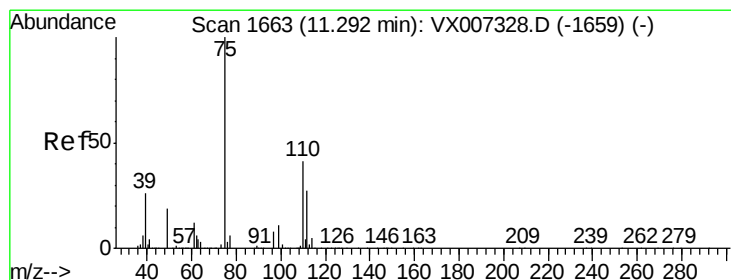
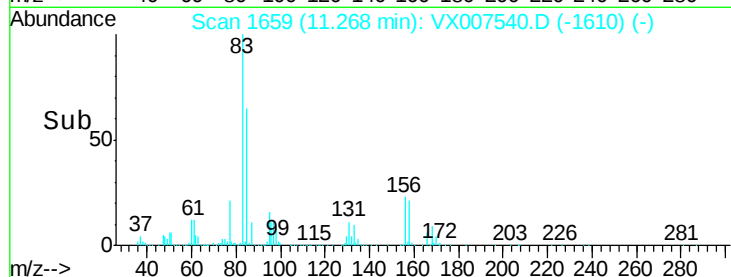
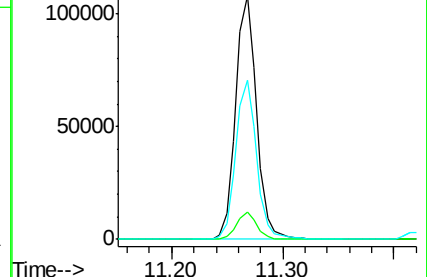
85 65.4 32.8 98.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.863 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.01 min

Lab File: VX007540.D

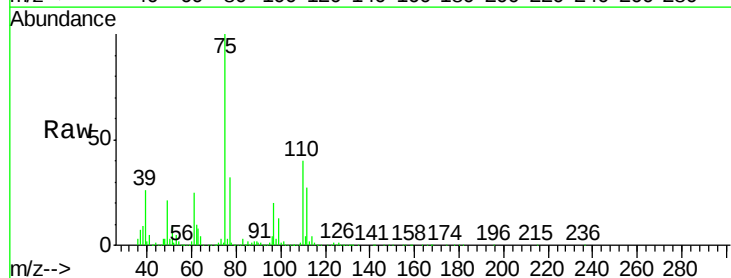
Acq: 14 Feb 2019 12:48

Tgt Ion: 75 Resp: 152973

Ion Ratio Lower Upper

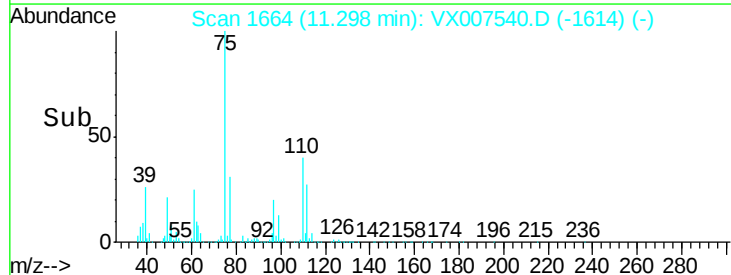
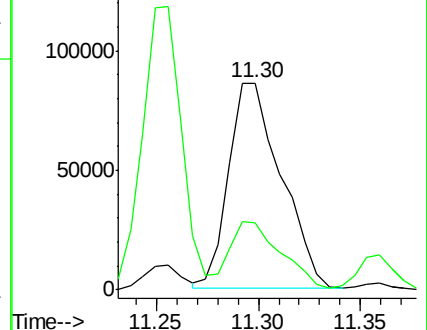
75 100

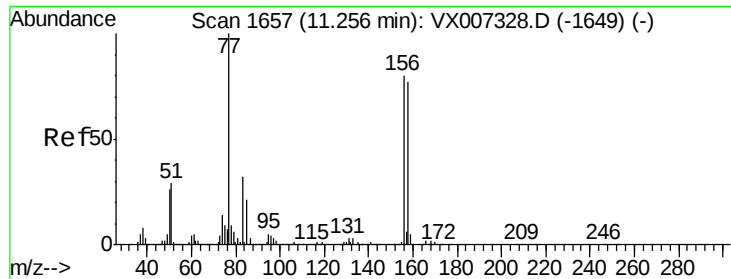
77 33.2 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.188 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

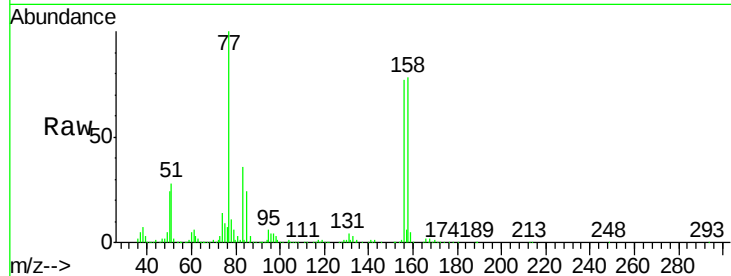
Tot Ion:156 Resp: 116209

Ion Ratio Lower Upper

156 100

77 135.8 66.8 200.6

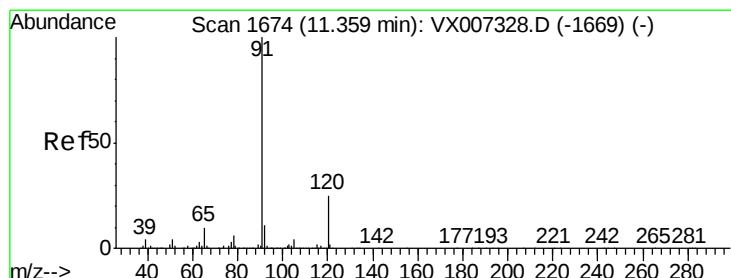
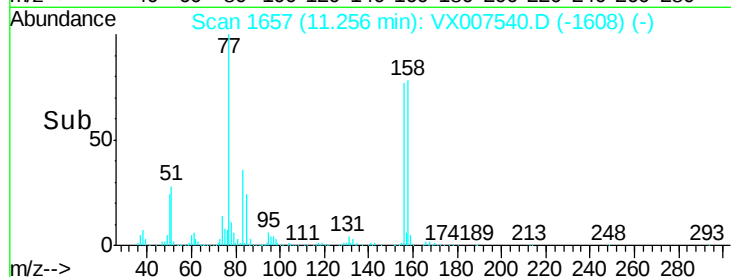
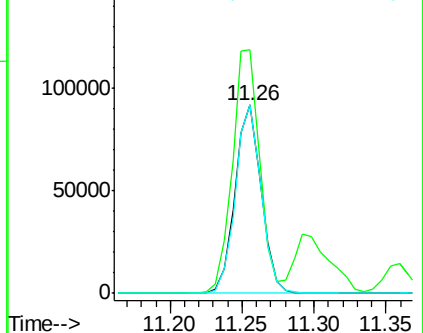
158 98.6 47.9 143.8



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: 19.921 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007540.D

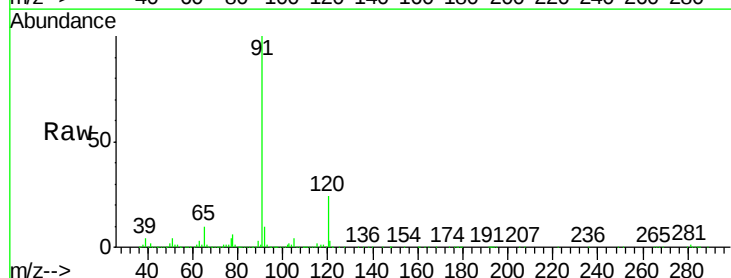
Acq: 14 Feb 2019 12:48

Tgt Ion: 91 Resp: 469558

Ion Ratio Lower Upper

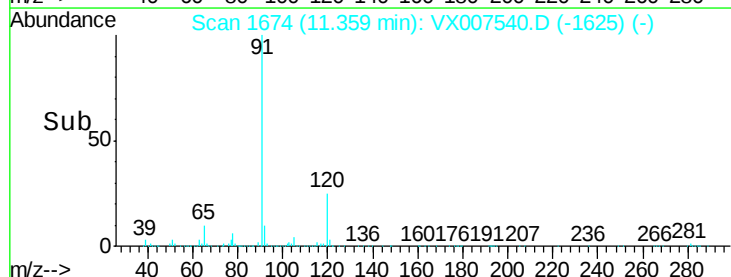
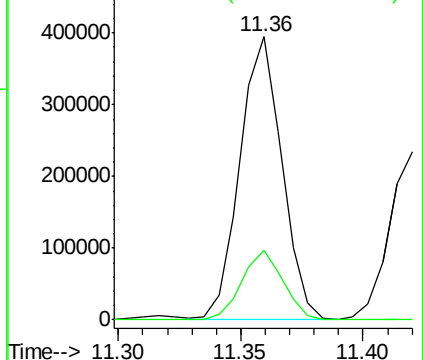
91 100

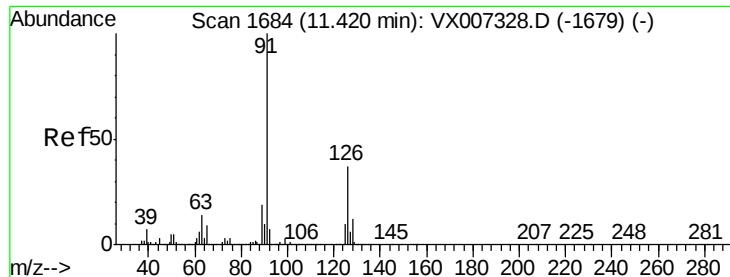
120 24.4 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

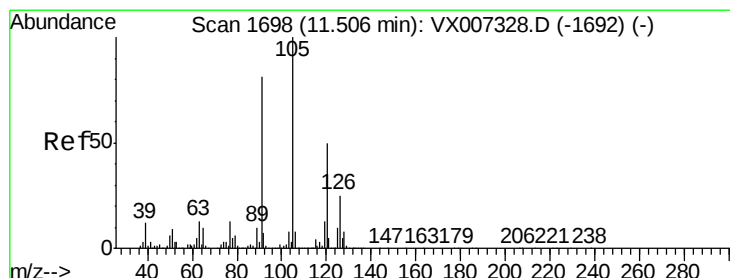
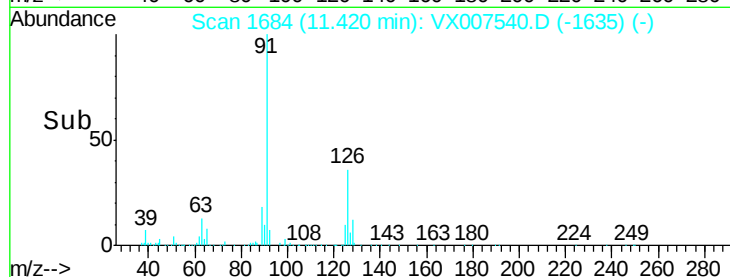
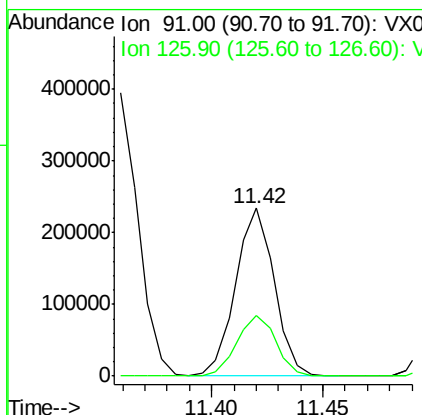
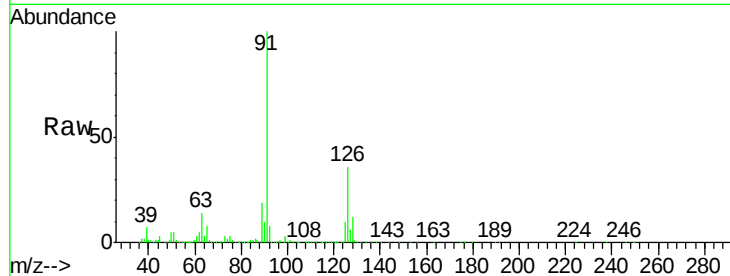




#79
 2-Chlorotoluene
 Concen: 19.677 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX007540.D
 Acq: 14 Feb 2019 12:48

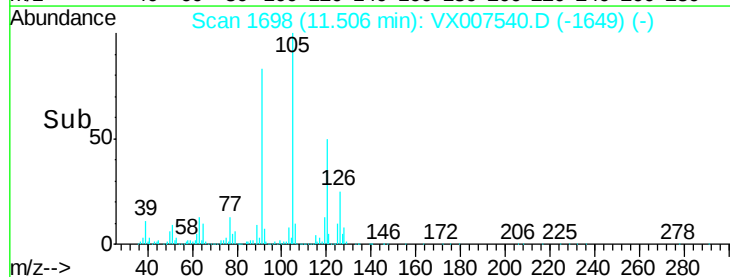
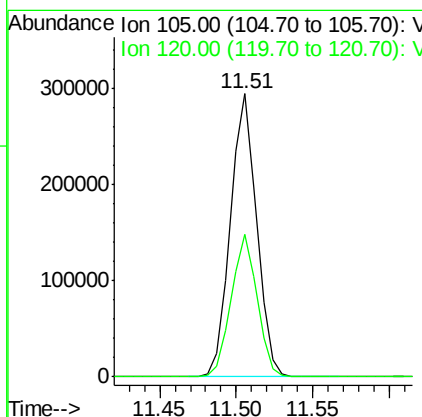
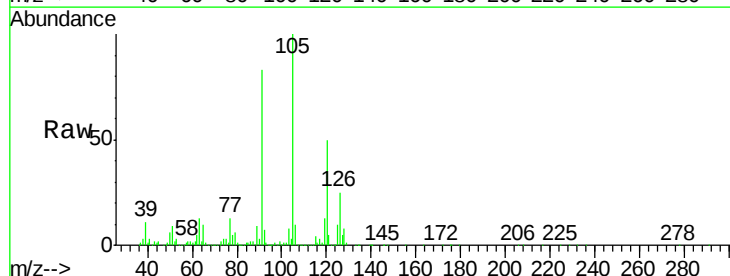
Instrument :
 MSVOA_X
 ClientSampleId :

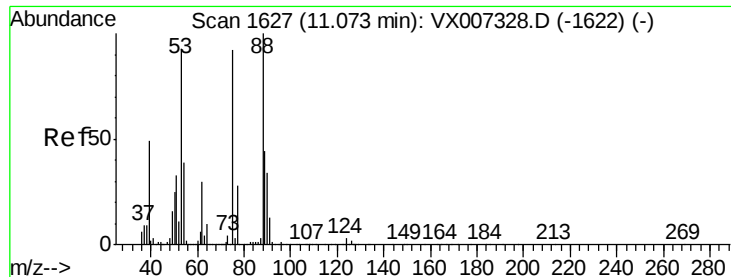
Tot Ion: 91 Resp: 281430
 Ion Ratio Lower Upper
 91 100
 126 36.8 18.7 56.1



#80
 1,3,5-Trimethylbenzene
 Concen: 19.904 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX007540.D
 Acq: 14 Feb 2019 12:48

Tgt Ion: 105 Resp: 350020
 Ion Ratio Lower Upper
 105 100
 120 50.0 25.3 75.8

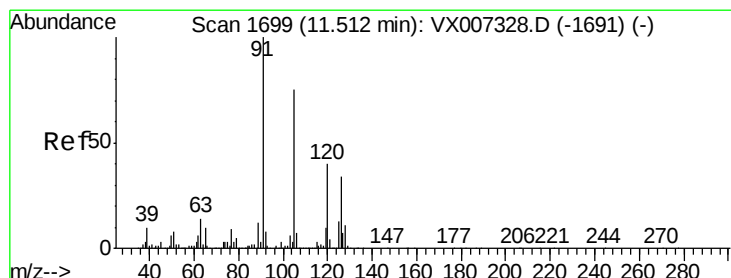
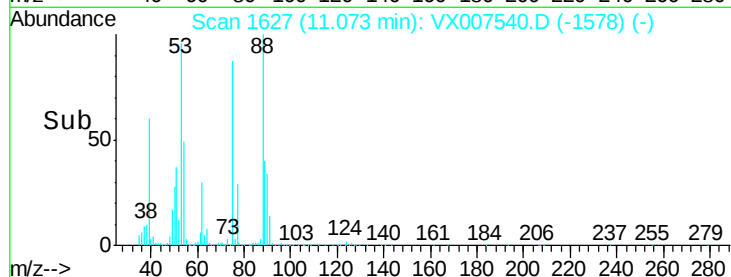
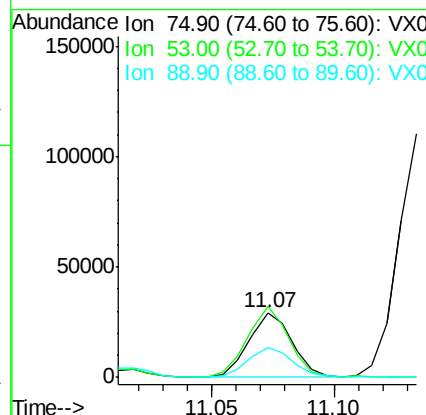
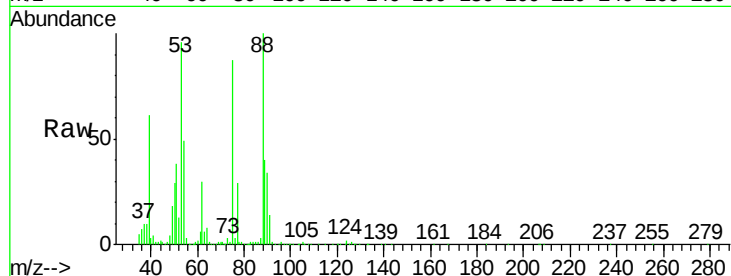




#81
trans-1,4-Dichloro-2-butene
Concen: 20.736 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

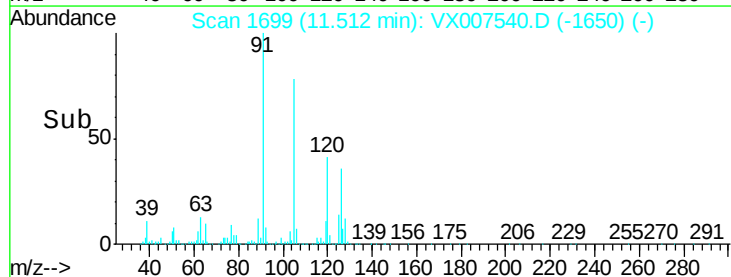
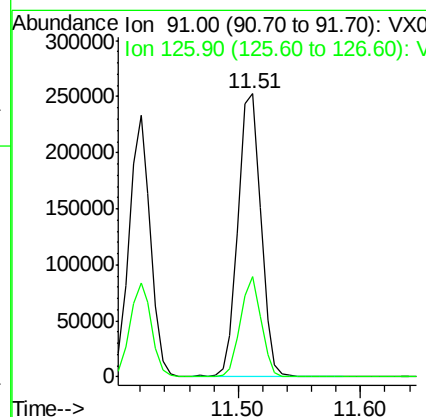
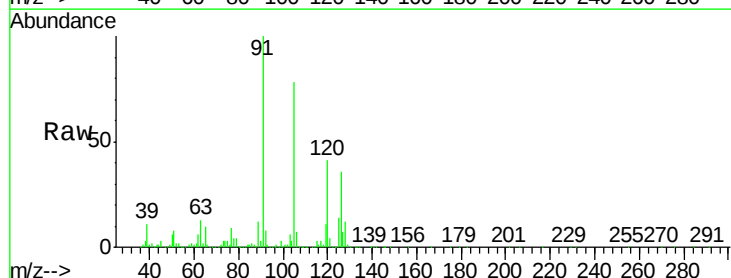
Instrument :
MSVOA_X
ClientSampled :

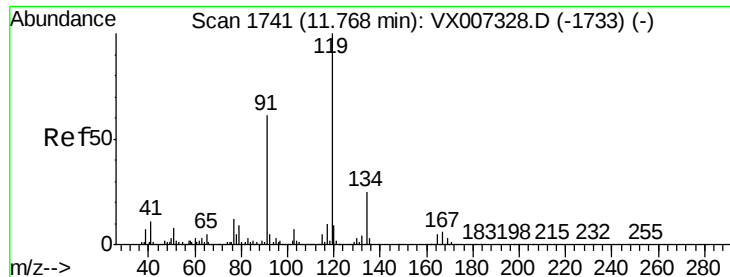
Tot Ion: 75 Resp: 35895
Ion Ratio Lower Upper
75 100
53 105.6 81.0 121.6
89 46.6 41.4 62.0



#82
4-Chlorotoluene
Concen: 19.623 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

Tgt Ion: 91 Resp: 324754
Ion Ratio Lower Upper
91 100
126 32.1 16.2 48.5





#83

tert-Butylbenzene

Concen: 19.831 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

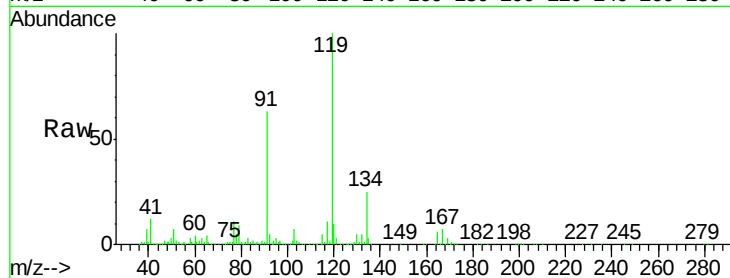
Tot Ion:119 Resp: 345281

Ion Ratio Lower Upper

119 100

91 57.5 28.5 85.6

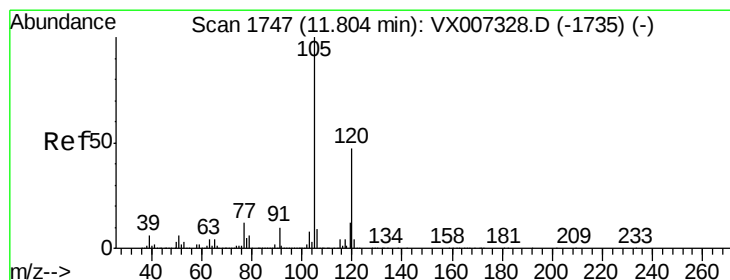
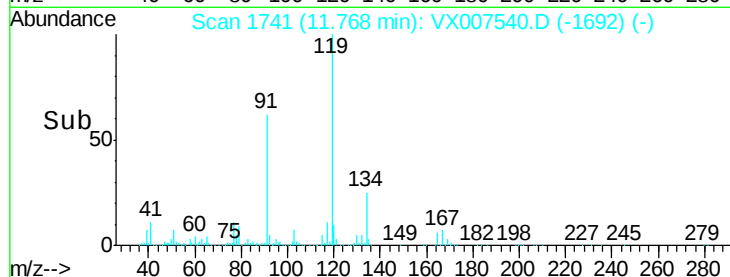
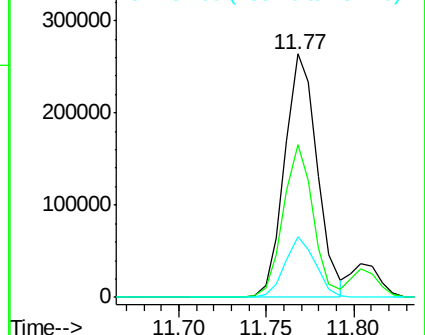
134 23.5 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.289 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007540.D

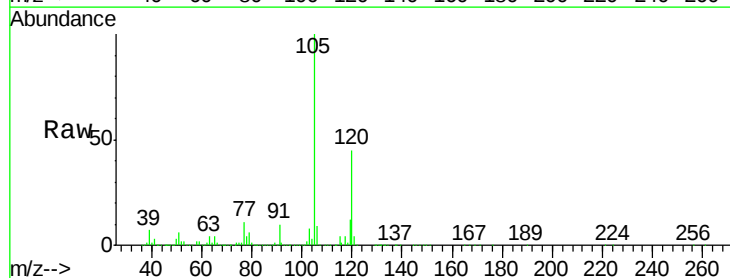
Acq: 14 Feb 2019 12:48

Tgt Ion:105 Resp: 362235

Ion Ratio Lower Upper

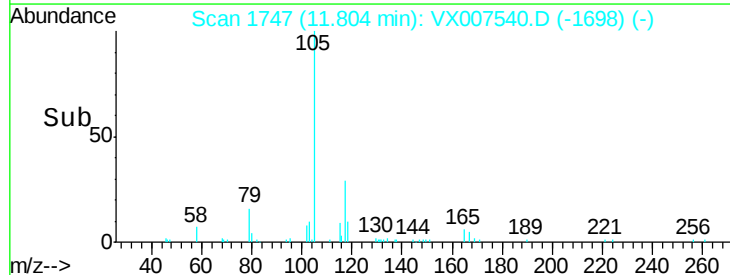
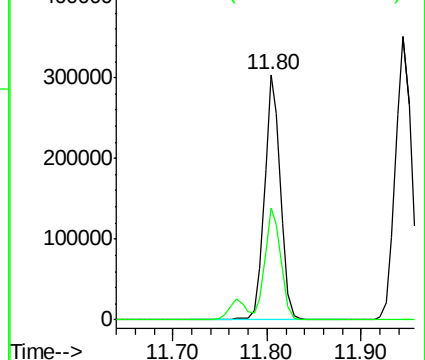
105 100

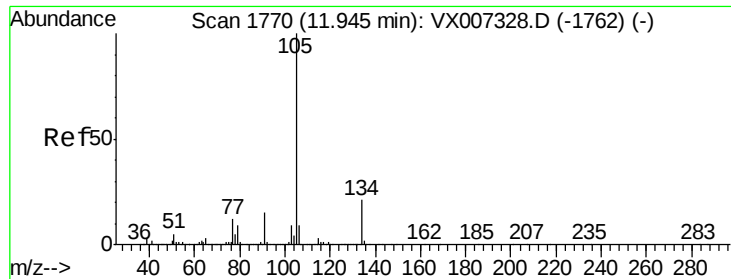
120 45.2 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.006 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Instrument :

MSVOA_X

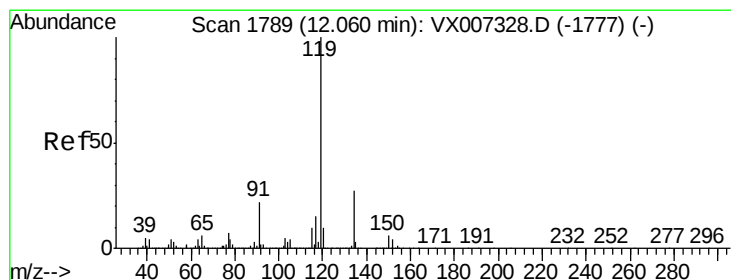
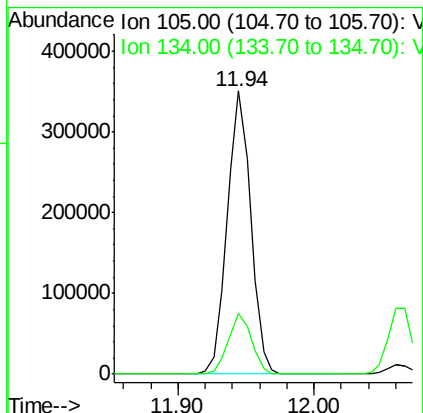
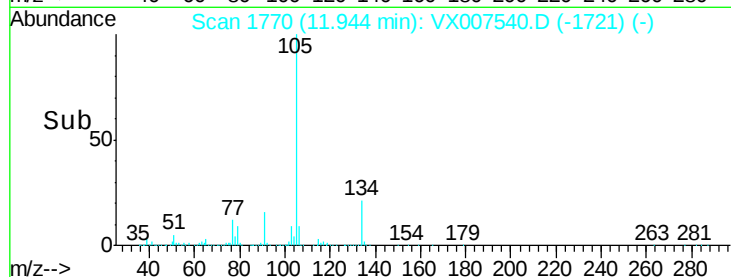
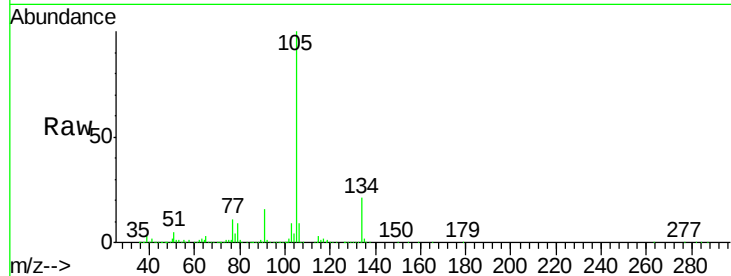
ClientSampleId :

Tot Ion:105 Resp: 421585

Ion Ratio Lower Upper

105 100

134 21.4 10.6 31.8



#86

p-Isopropyltoluene

Concen: 19.667 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

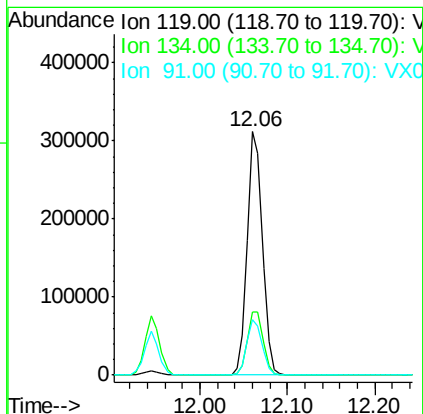
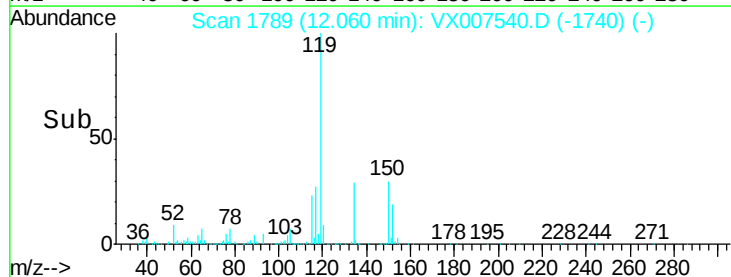
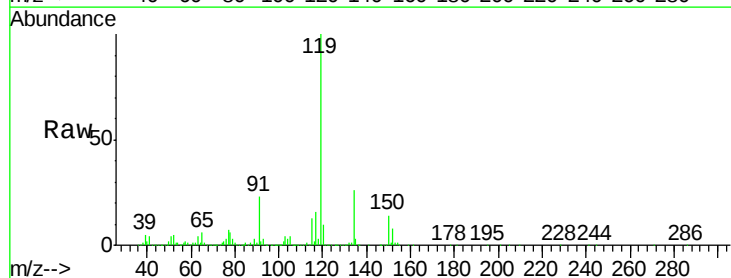
Tgt Ion:119 Resp: 374104

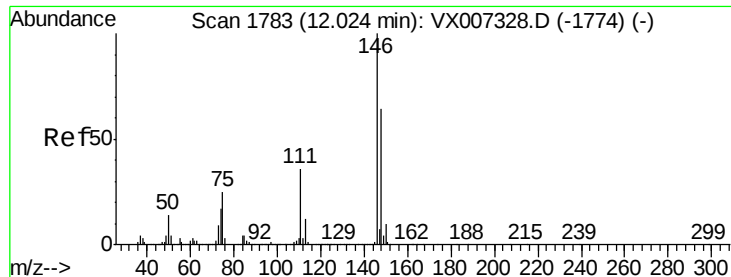
Ion Ratio Lower Upper

119 100

134 27.2 13.7 41.1

91 22.8 11.2 33.5

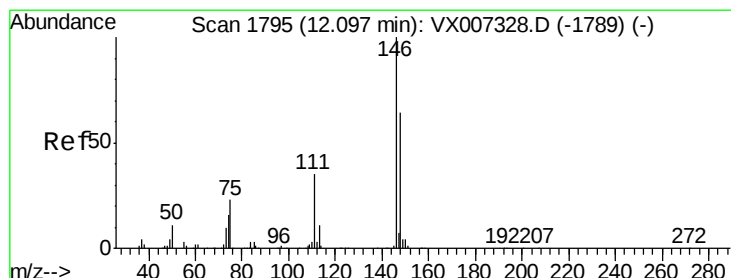
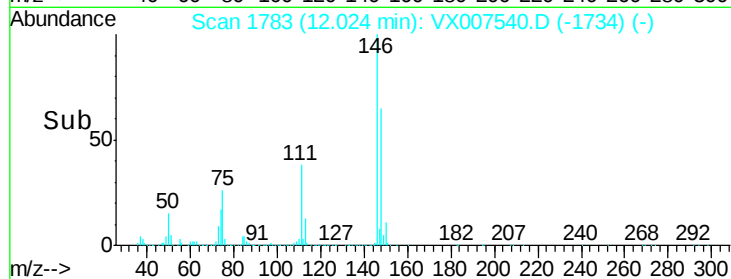
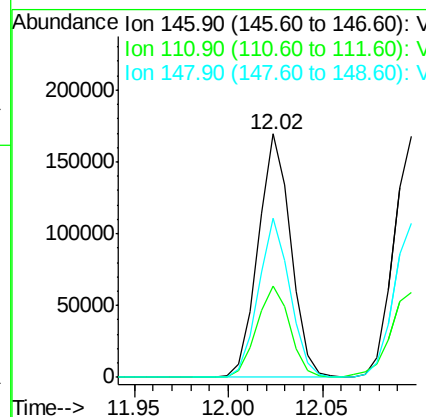
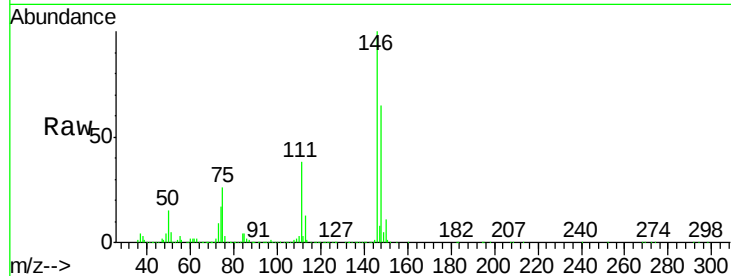




#87
 1,3-Dichlorobenzene
 Concen: 18.657 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007540.D
 Acq: 14 Feb 2019 12:48

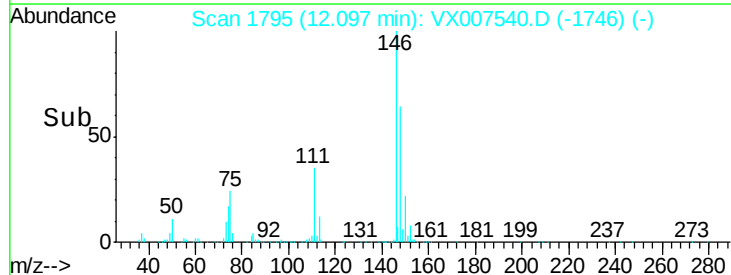
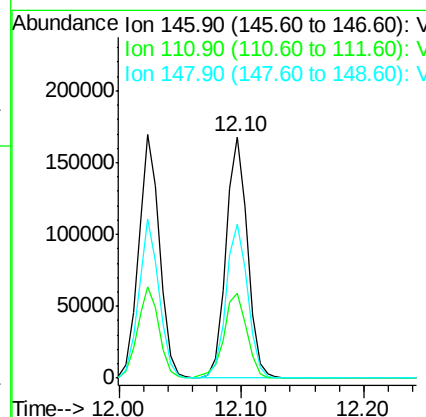
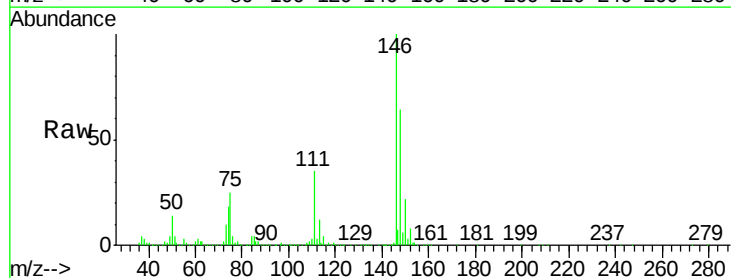
Instrument :
 MSVOA_X
 ClientSampled :

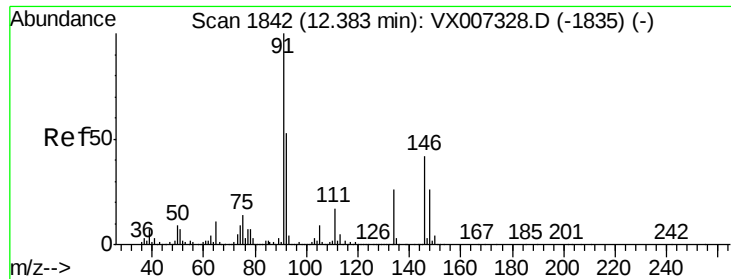
Tot Ion:146 Resp: 202792
 Ion Ratio Lower Upper
 146 100
 111 38.3 18.1 54.1
 148 63.6 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 18.462 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007540.D
 Acq: 14 Feb 2019 12:48

Tgt Ion:146 Resp: 203591
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.1 54.1
 148 64.8 32.3 96.9

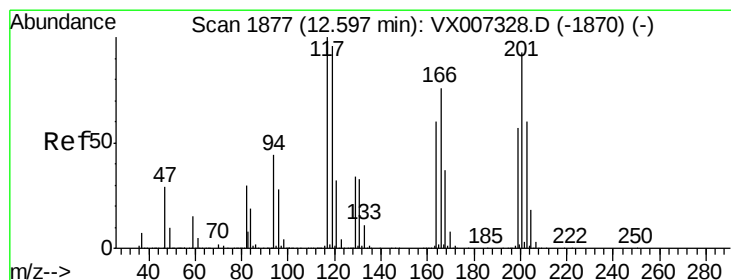
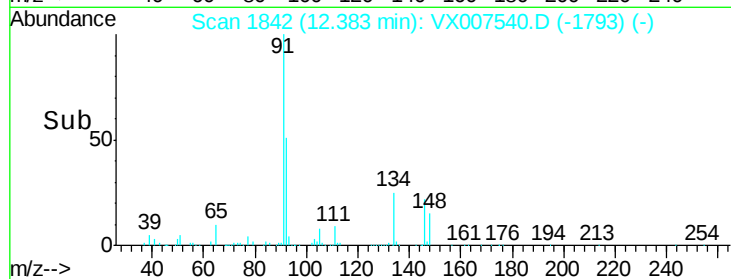
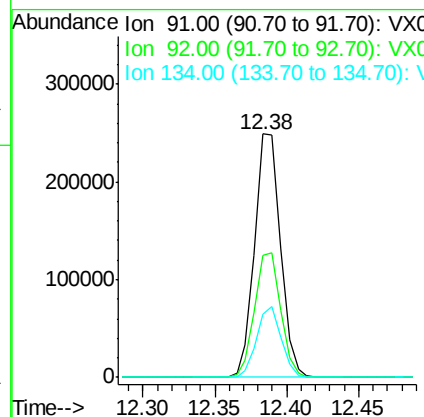
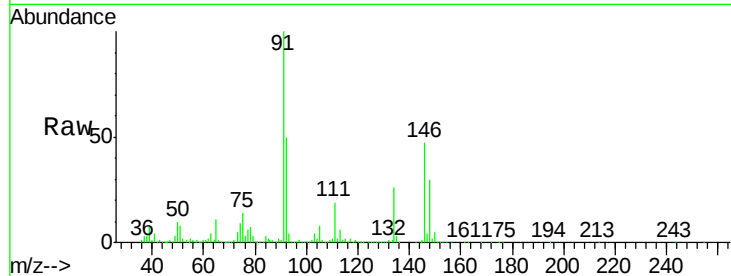




#89
n-Butylbenzene
Concen: 18.776 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

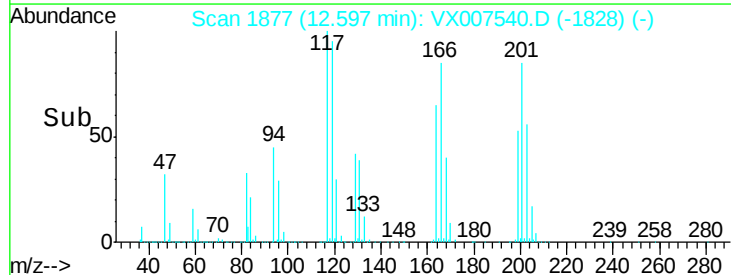
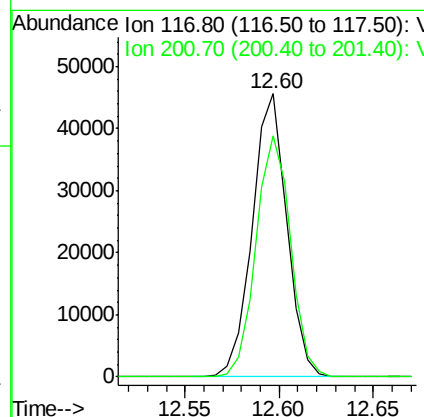
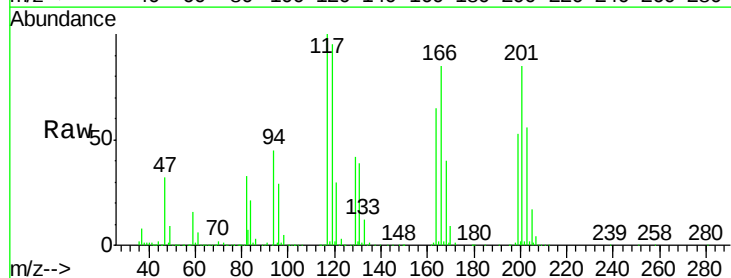
Instrument :
MSVOA_X
ClientSampleId :

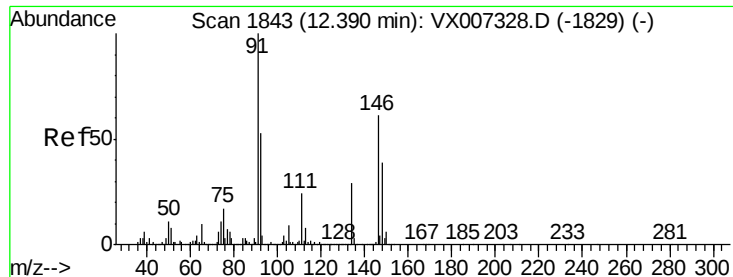
Tot Ion: 91 Resp: 307249
Ion Ratio Lower Upper
91 100
92 51.8 26.3 78.9
134 27.5 13.9 41.6



#90
Hexachloroethane
Concen: 20.335 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

Tgt Ion: 117 Resp: 57892
Ion Ratio Lower Upper
117 100
201 85.2 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 18.971 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007540.D

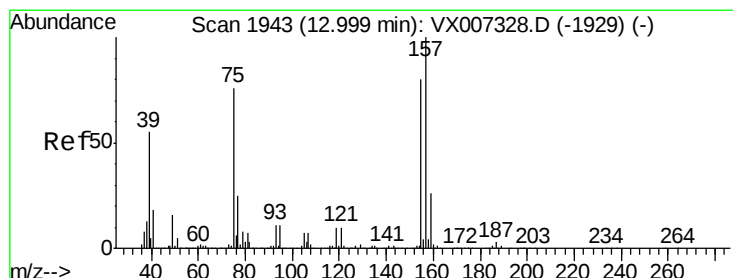
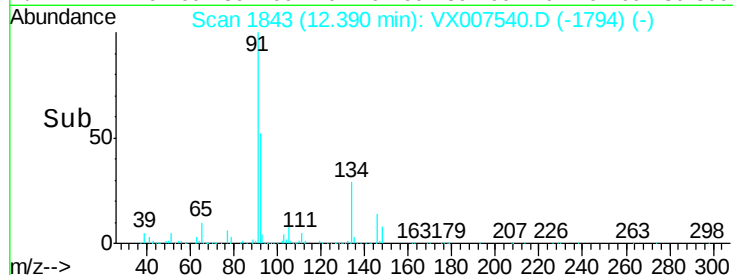
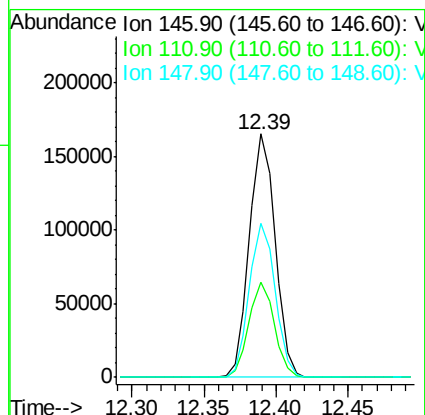
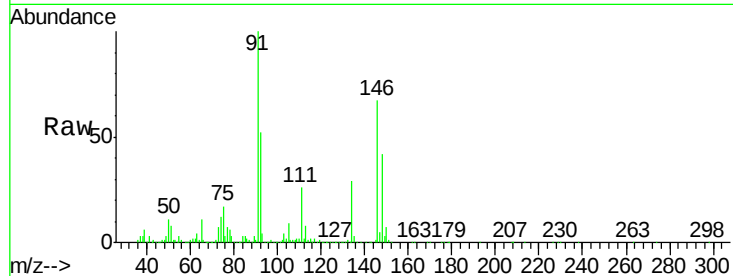
Acq: 14 Feb 2019 12:48

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:	146	Resp:	205213
Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.1	57.3
148	63.6	32.1	96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.791 ug/l

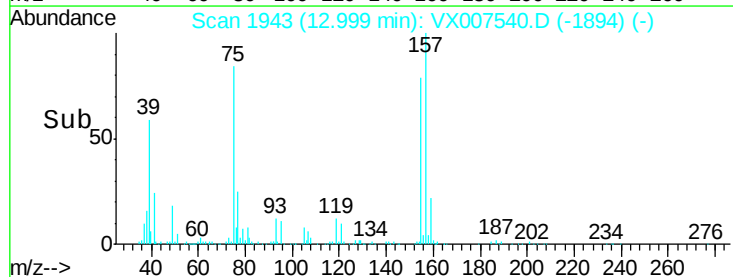
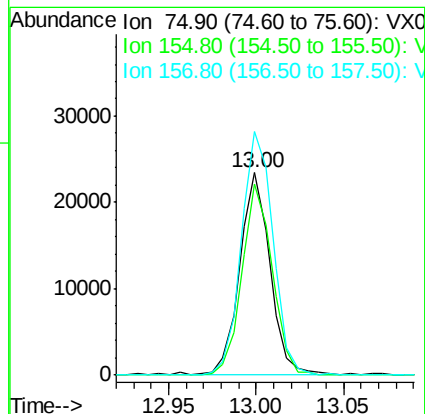
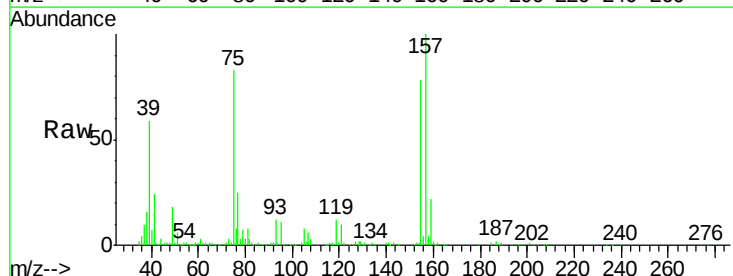
RT: 13.00 min Scan# 1943

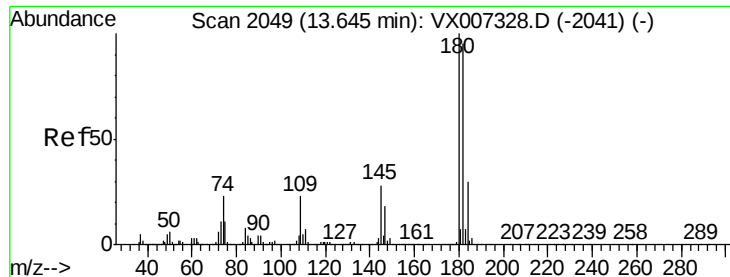
Delta R.T. -0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Tgt Ion:	75	Resp:	28320
Ion	Ratio	Lower	Upper
75	100		
155	94.0	49.6	149.0
157	125.6	65.1	195.3

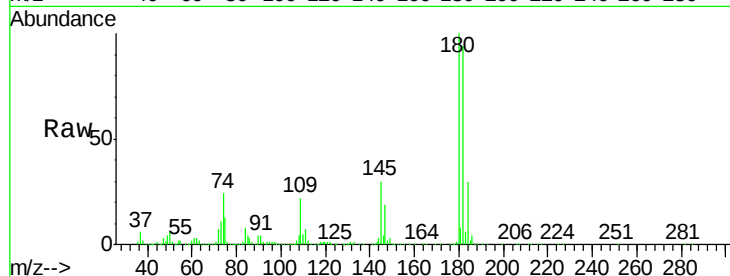




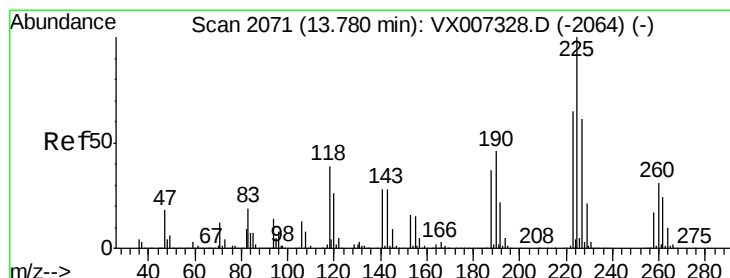
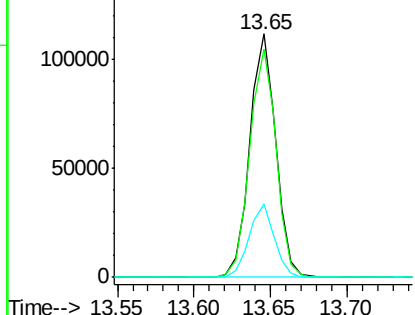
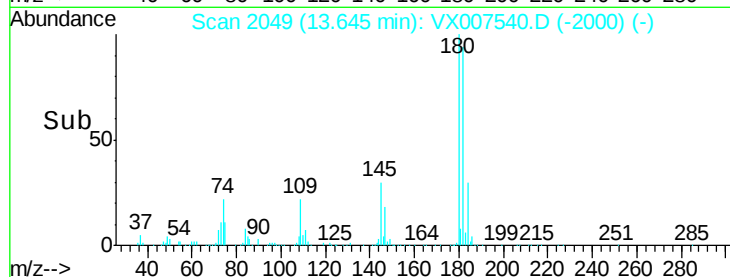
#93
 1,2,4-Trichlorobenzene
 Concen: 18.060 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007540.D
 Acq: 14 Feb 2019 12:48

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 131744
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.8 143.3
 145 29.2 14.1 42.2

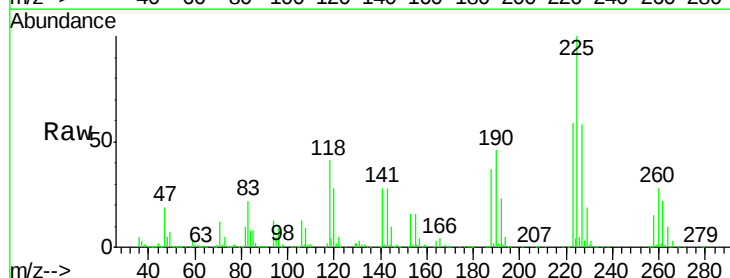


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

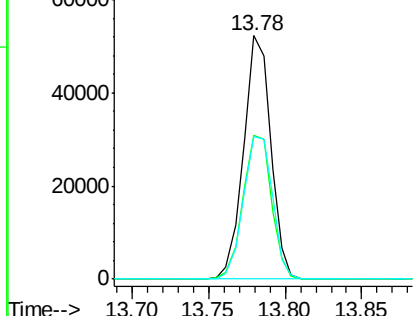
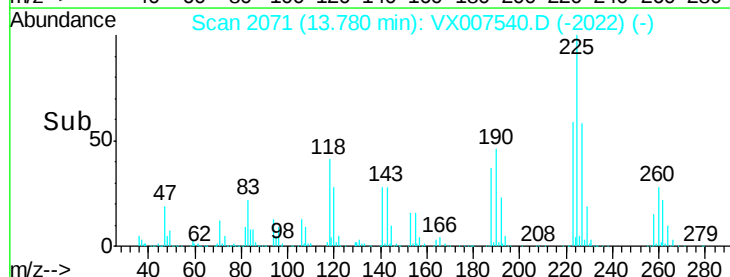


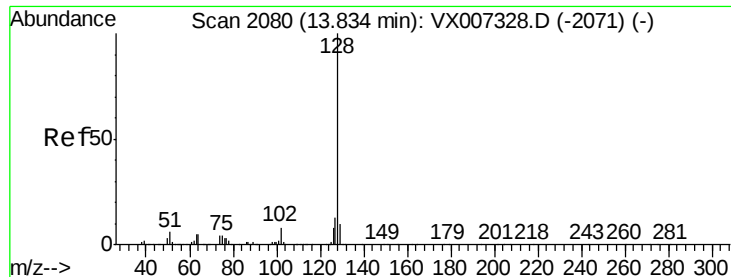
#94
 Hexachlorobutadiene
 Concen: 18.248 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007540.D
 Acq: 14 Feb 2019 12:48

Tgt Ion:225 Resp: 64637
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.6 94.8
 227 62.7 32.1 96.3



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





#95

Naphthalene

Concen: 19.498 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

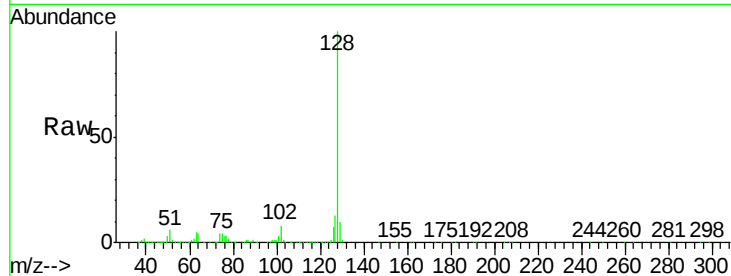
Tot Ion:128 Resp: 415938

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

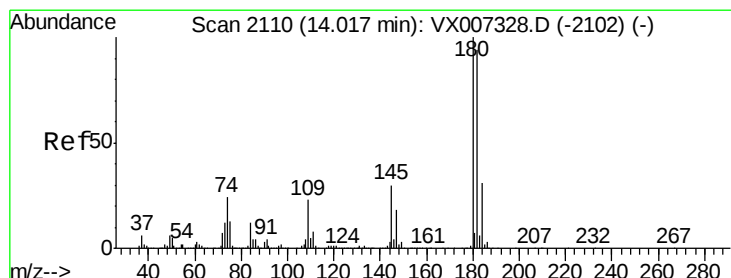
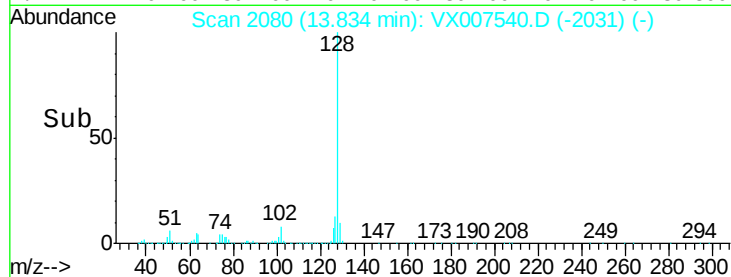
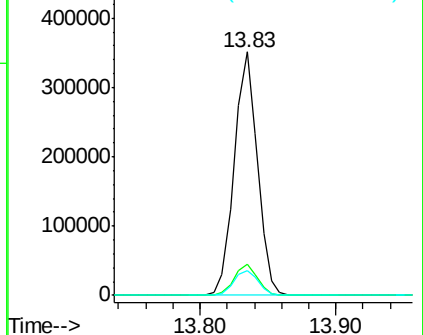
129 10.9 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 17.874 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

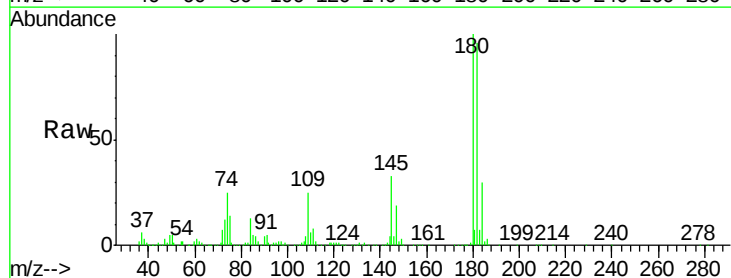
Tgt Ion:180 Resp: 131250

Ion Ratio Lower Upper

180 100

182 96.4 47.5 142.6

145 32.1 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

