

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111518\
 Data File : VX006035.D
 Acq On : 15 Nov 2018 21:59
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 16 00:21:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	150994	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	213986	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	192204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	131816	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	78568	45.26	ug/l	0.00
Spiked Amount						
			Recovery	=	90.52%	
35) Dibromofluoromethane	5.50	113	65409	44.94	ug/l	0.00
Spiked Amount						
			Recovery	=	89.88%	
50) Toluene-d8	8.71	98	221705	45.82	ug/l	0.00
Spiked Amount						
			Recovery	=	91.64%	
62) 4-Bromofluorobenzene	11.14	95	85475	49.13	ug/l	0.00
Spiked Amount						
			Recovery	=	98.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	53273	39.132	ug/l	99
3) Chloromethane	1.32	50	68295	38.225	ug/l	96
4) Vinyl Chloride	1.41	62	72436	40.386	ug/l	97
5) Bromomethane	1.64	94	39397	35.893	ug/l	95
6) Chloroethane	1.71	64	44777	41.840	ug/l	96
7) Trichlorofluoromethane	1.92	101	96611	40.579	ug/l	95
8) Diethyl Ether	2.19	74	41795	44.801	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	58103	42.433	ug/l	99
10) Methyl Iodide	2.51	142	73516	44.299	ug/l	97
11) Tert butyl alcohol	3.08	59	101827	204.773	ug/l	100
12) 1,1-Dichloroethene	2.37	96	56555	42.375	ug/l	96
13) Acrolein	2.29	56	55101	233.743	ug/l	100
14) Allyl chloride	2.72	41	123736	41.512	ug/l	97
15) Acrylonitrile	3.15	53	227933	221.181	ug/l	99
16) Acetone	2.45	43	190554	203.880	ug/l	98
17) Carbon Disulfide	2.57	76	142724	35.852	ug/l	99
18) Methyl Acetate	2.78	43	118063	47.049	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	221345	48.592	ug/l	100
20) Methylene Chloride	2.85	84	67420	43.914	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	60550	43.014	ug/l	91
22) Diisopropyl ether	3.87	45	244383	46.802	ug/l #	95
23) Vinyl Acetate	3.82	43	1022404	228.364	ug/l	98
24) 1,1-Dichloroethane	3.70	63	124397	44.654	ug/l	99
25) 2-Butanone	4.70	43	323990	220.491	ug/l	98
26) 2,2-Dichloropropane	4.58	77	83189	40.708	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	71463	45.976	ug/l	97
28) Bromochloromethane	5.02	49	61760	49.605	ug/l	95
29) Tetrahydrofuran	5.15	42	206452	218.823	ug/l	96
30) Chloroform	5.21	83	122706	45.655	ug/l	91
31) Cyclohexane	5.58	56	101604	42.016	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	100609	44.879	ug/l	99
36) 1,1-Dichloropropene	5.79	75	89920	43.590	ug/l	99
37) Ethyl Acetate	4.85	43	118500	43.683	ug/l	98
38) Carbon Tetrachloride	5.78	117	85143	41.228	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	89537	42.825	ug/l	97
40) Benzene	6.14	78	273005	45.397	ug/l	92
41) Methacrylonitrile	5.06	41	65745	44.852	ug/l	99
42) 1,2-Dichloroethane	6.20	62	93214	43.275	ug/l	98
43) Isopropyl Acetate	6.46	43	185287	47.138	ug/l	97
44) Trichloroethene	7.21	130	70989	46.482	ug/l	92
45) 1,2-Dichloropropane	7.52	63	69301	47.478	ug/l	99
46) Dibromomethane	7.66	93	41272	45.060	ug/l	96
47) Bromodichloromethane	7.90	83	81141	46.875	ug/l	96
48) Methyl methacrylate	7.77	41	84088	47.642	ug/l	98
49) 1,4-Dioxane	7.75	88	34792	914.784	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	578472	233.506	ug/l	100
52) Toluene	8.79	92	156132	46.454	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	90887	44.493	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	99549	47.813	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	69608	46.470	ug/l	88
56) Ethyl methacrylate	9.18	69	112075	50.005	ug/l	96
57) 1,3-Dichloropropane	9.37	76	118708	47.158	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	285444	234.265	ug/l	100
59) 2-Hexanone	9.49	43	490753	224.739	ug/l	97
60) Dibromochloromethane	9.59	129	73277	45.264	ug/l	97
61) 1,2-Dibromoethane	9.68	107	74797	45.158	ug/l	99
64) Tetrachloroethene	9.34	164	70336	42.982	ug/l	94
65) Chlorobenzene	10.14	112	173130	44.963	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	61330	45.815	ug/l	98
67) Ethyl Benzene	10.25	91	294750	47.738	ug/l	100
68) m/p-Xylenes	10.36	106	223342	94.833	ug/l	100
69) o-Xylene	10.70	106	109989	52.082	ug/l	99
70) Styrene	10.71	104	185005	53.105	ug/l	100
71) Bromoform	10.86	173	53632	47.793	ug/l #	98
73) Isopropylbenzene	11.02	105	300298	39.395	ug/l	99
74) N-amyl acetate	10.90	43	154820	36.543	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	106634	38.112	ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	126912	47.284	ug/l	84
77) Bromobenzene	11.26	156	82045	38.186	ug/l	98
78) n-propylbenzene	11.36	91	364847	40.612	ug/l	99
79) 2-Chlorotoluene	11.42	91	214769	39.552	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	283974	43.838	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	31760	37.713	ug/l	94
82) 4-Chlorotoluene	11.51	91	264249	41.292	ug/l	99
83) tert-Butylbenzene	11.77	119	315650	48.166	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	327405	45.789	ug/l	98
85) sec-Butylbenzene	11.94	105	392556	48.985	ug/l	100
86) p-Isopropyltoluene	12.07	119	350018	49.309	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	189131	45.868	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	192620	45.633	ug/l	100
89) n-Butylbenzene	12.39	91	310533	47.201	ug/l	99
90) Hexachloroethane	12.60	117	53503	45.145	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	189458	45.866	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	30309	44.392	ug/l	87

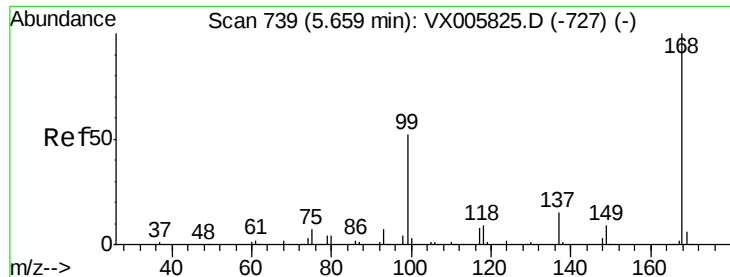
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX111518\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	143776	49.443	ug/l	100
94) Hexachlorobutadiene	13.79	225	67726	44.338	ug/l	99
95) Naphthalene	13.83	128	456209	48.151	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	145139	48.992	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

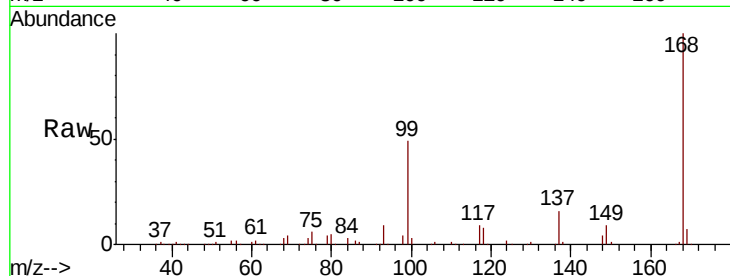
VSTDCCC050EC

Tot Ion:168 Resp: 150994

Ion Ratio Lower Upper

168 100

99 49.2 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

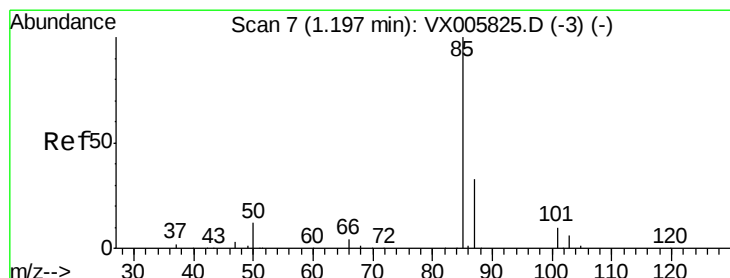
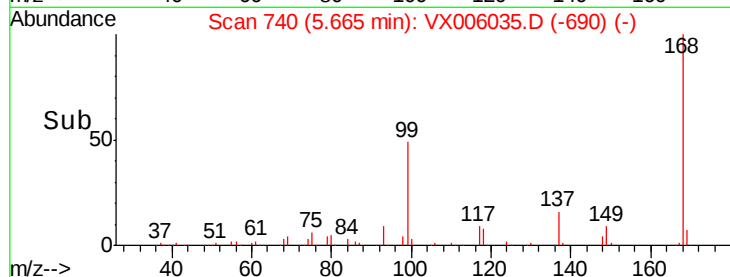
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 39.132 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006035.D

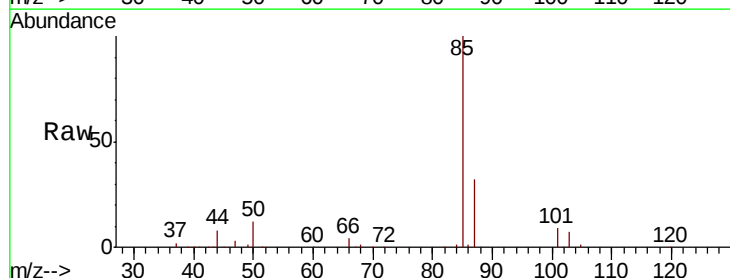
Acq: 15 Nov 2018 21:59

Tgt Ion: 85 Resp: 53273

Ion Ratio Lower Upper

85 100

87 32.3 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

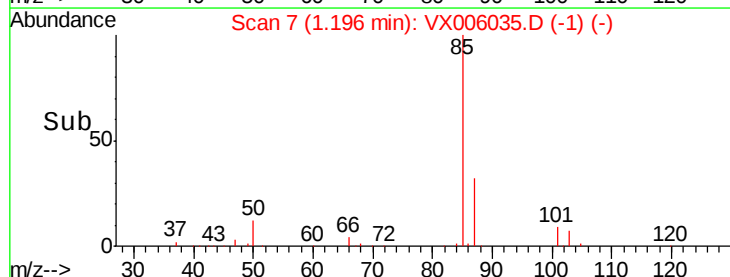
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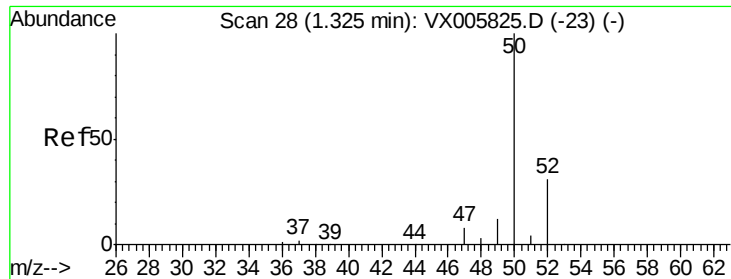
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 38.225 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

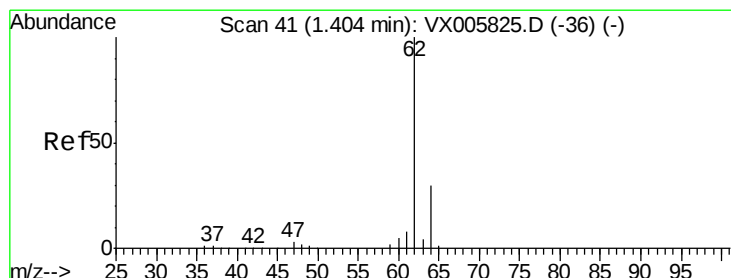
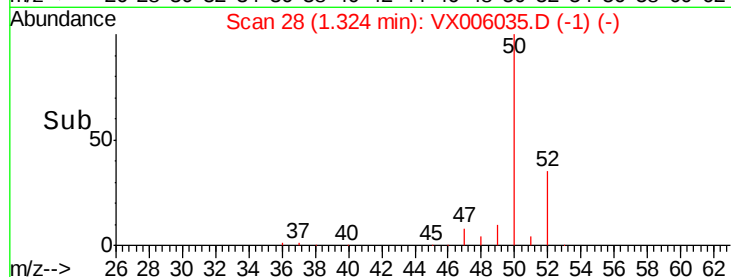
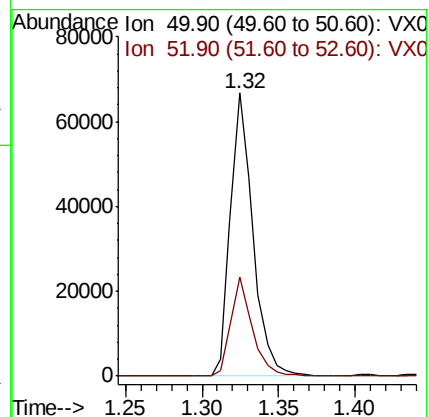
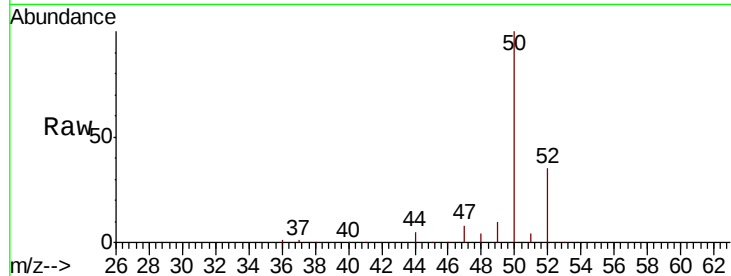
VSTDCCC050EC

Tot Ion: 50 Resp: 68295

Ion Ratio Lower Upper

50 100

52 35.0 26.2 39.2



#4

Vinyl Chloride

Concen: 40.386 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX006035.D

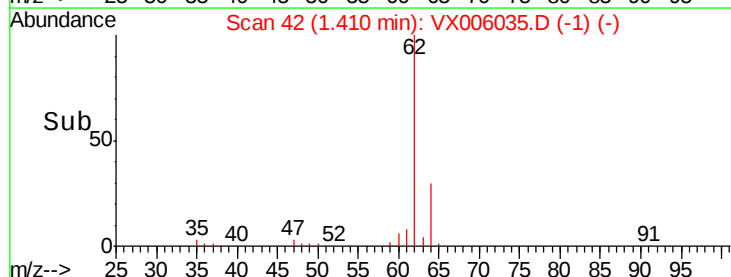
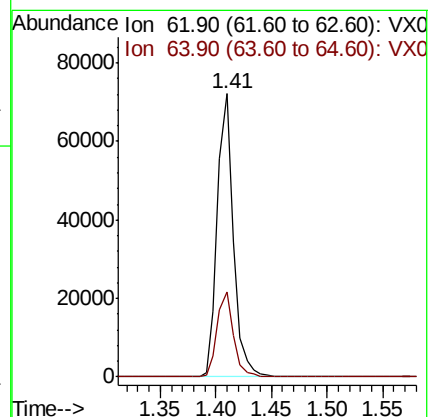
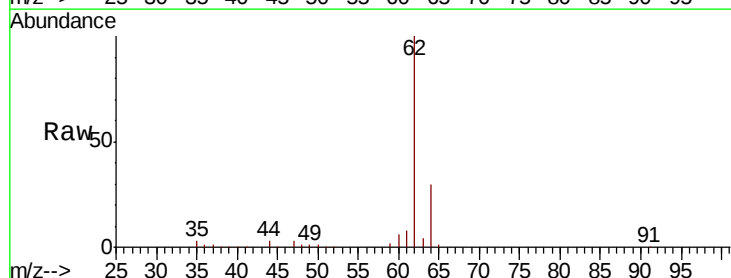
Acq: 15 Nov 2018 21:59

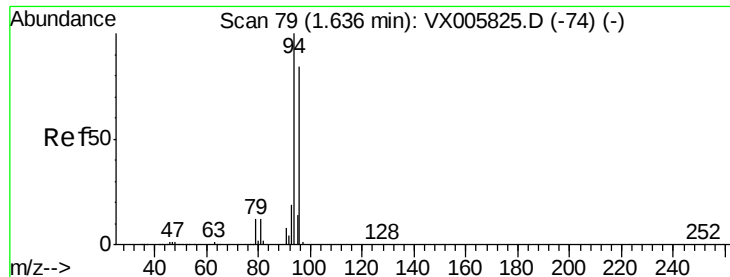
Tgt Ion: 62 Resp: 72436

Ion Ratio Lower Upper

62 100

64 30.0 25.3 37.9





#5

Bromomethane

Concen: 35.893 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

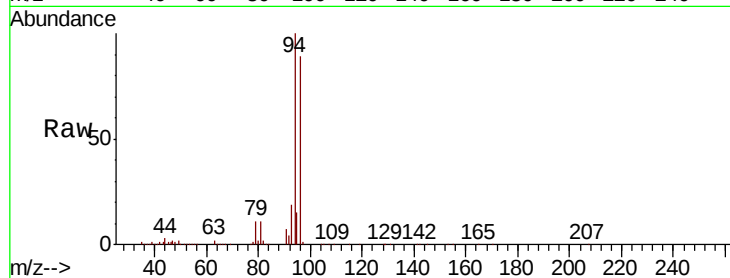
VSTDCCC050EC

Tot Ion: 94 Resp: 39397

Ion Ratio Lower Upper

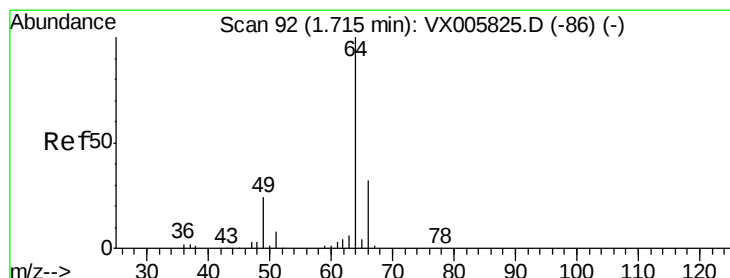
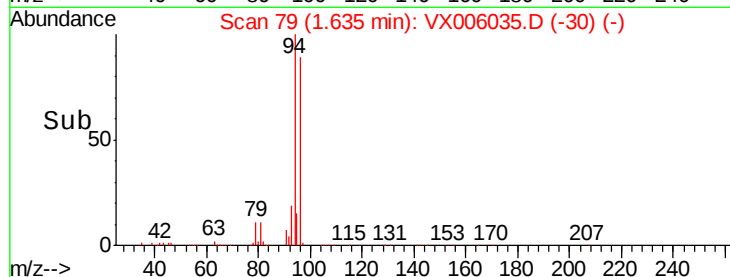
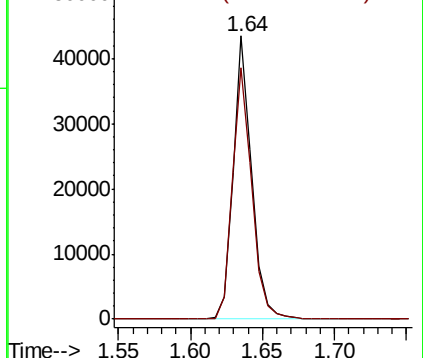
94 100

96 89.0 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 41.840 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX006035.D

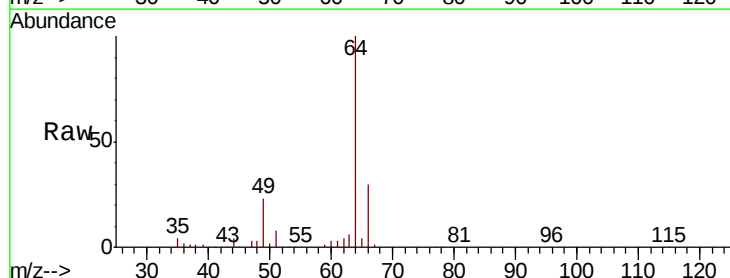
Acq: 15 Nov 2018 21:59

Tgt Ion: 64 Resp: 44777

Ion Ratio Lower Upper

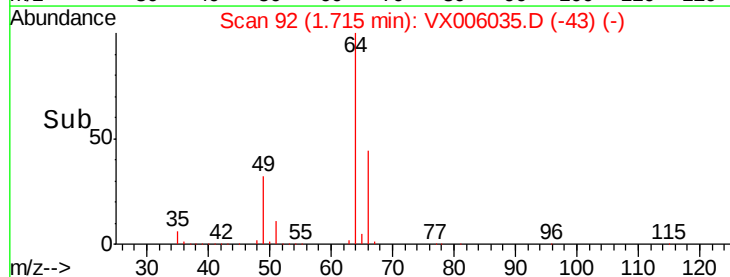
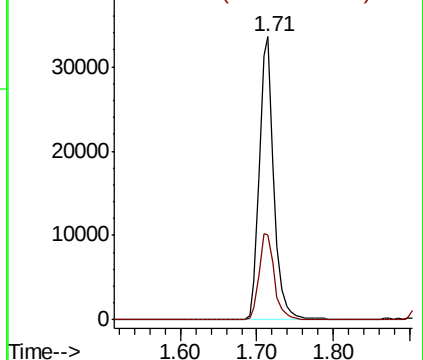
64 100

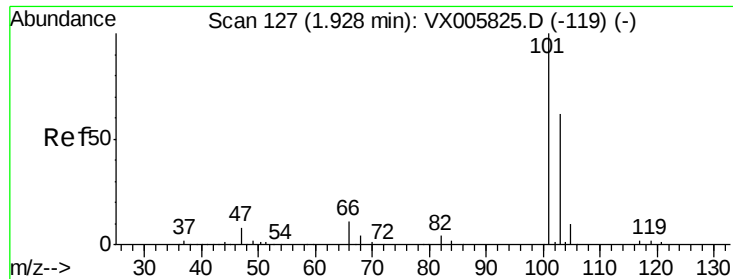
66 29.9 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



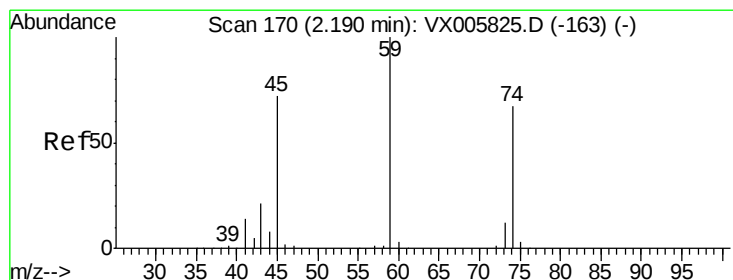
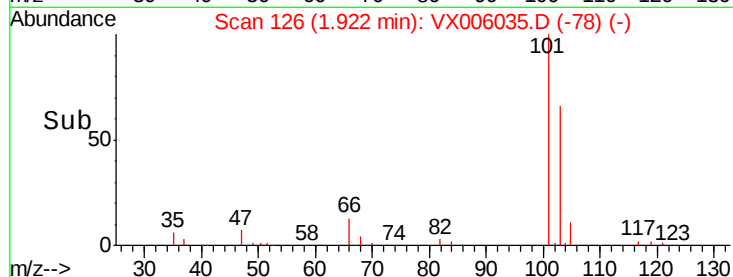
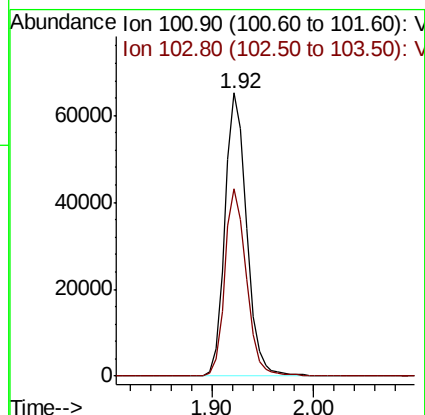
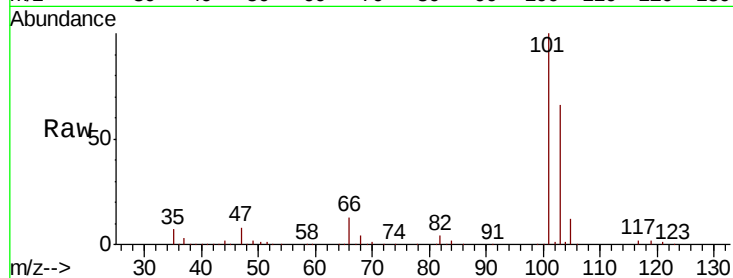


#7

Trichlorofluoromethane
 Concen: 40.579 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

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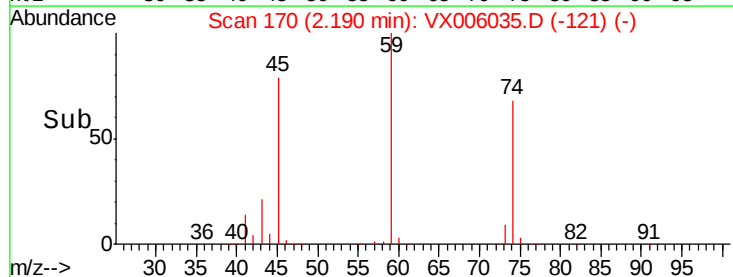
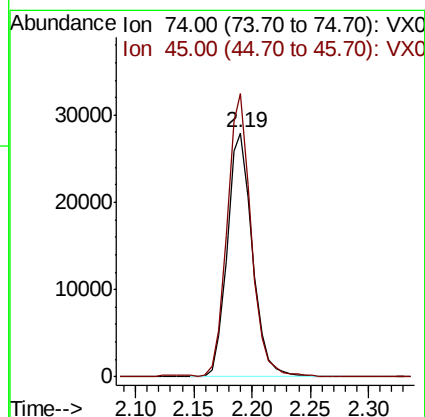
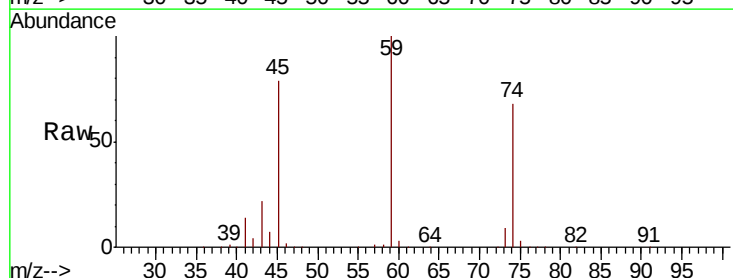
Tot Ion:101 Resp: 96611
 Ion Ratio Lower Upper
 101 100
 103 66.2 50.0 75.0

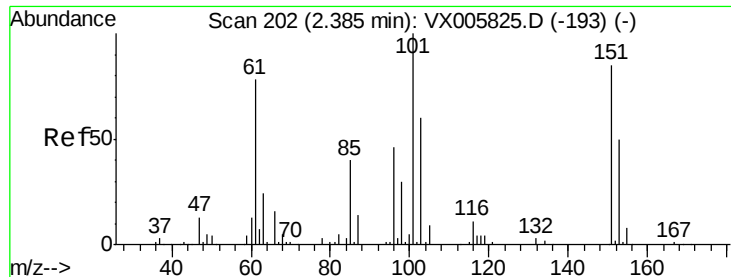


#8

Diethyl Ether
 Concen: 44.801 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

Tgt Ion: 74 Resp: 41795
 Ion Ratio Lower Upper
 74 100
 45 109.6 54.1 162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.433 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

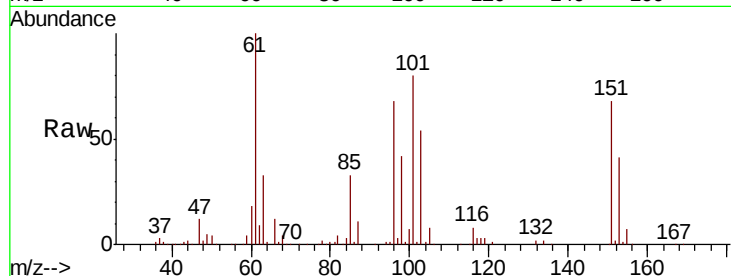
Tot Ion:101 Resp: 58103

Ion Ratio Lower Upper

101 100

85 43.5 35.0 52.4

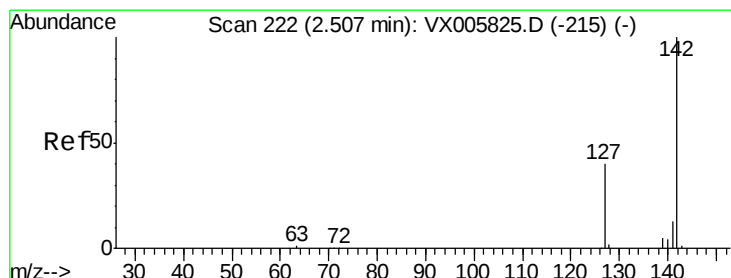
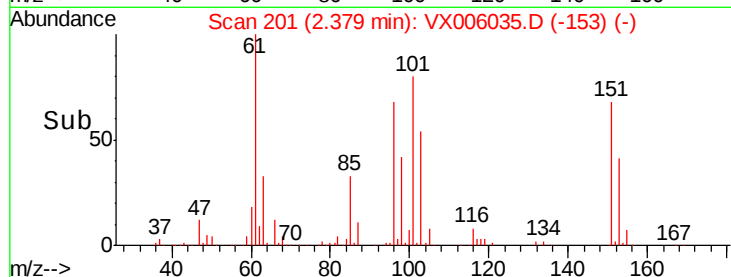
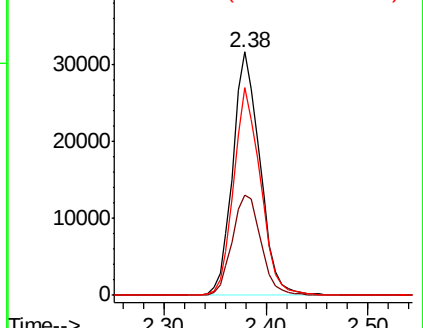
151 84.2 66.2 99.2



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: 44.299 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

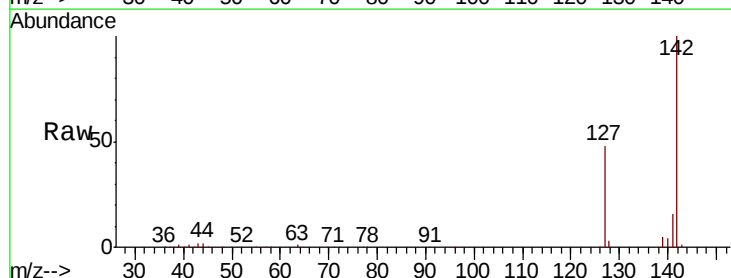
Tgt Ion:142 Resp: 73516

Ion Ratio Lower Upper

142 100

127 42.4 36.0 54.0

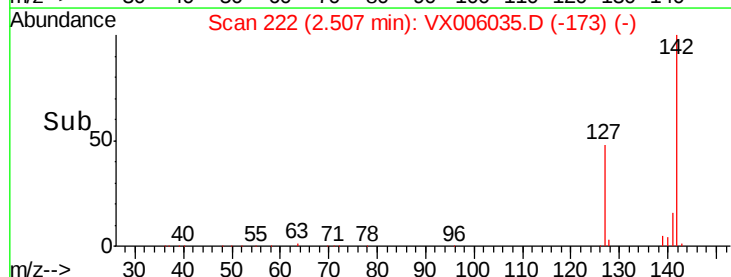
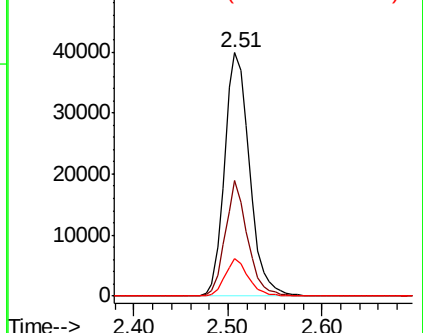
141 14.3 11.7 17.5

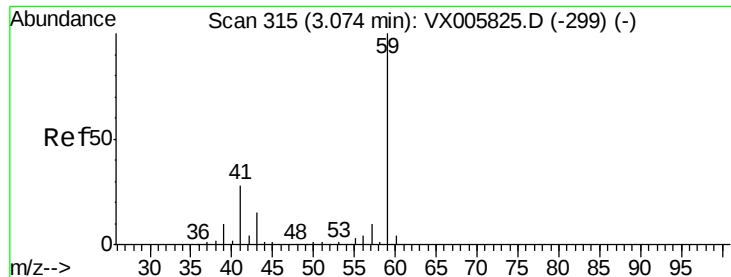


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



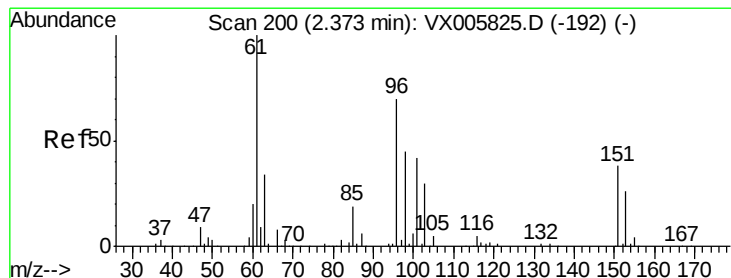
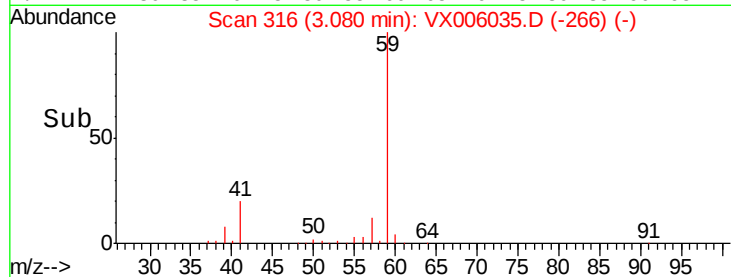
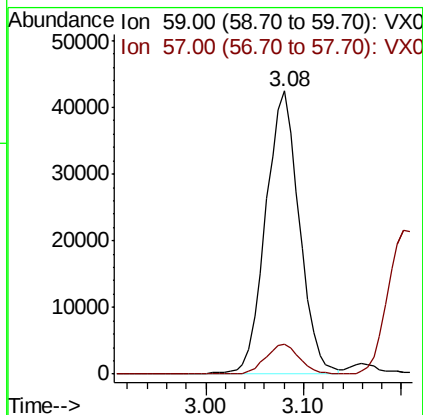
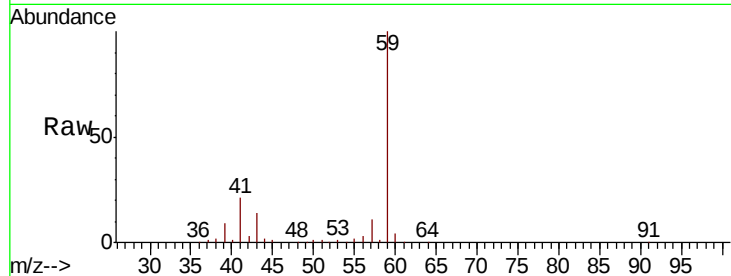


#11

Tert butyl alcohol
 Concen: 204.773 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

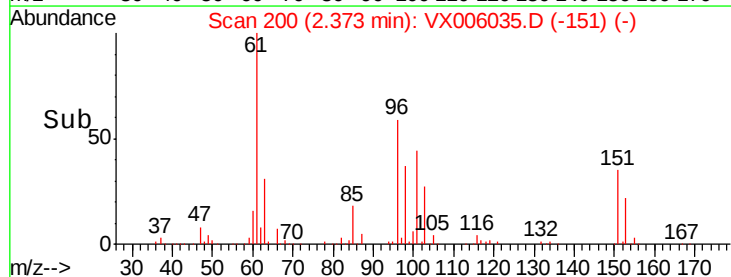
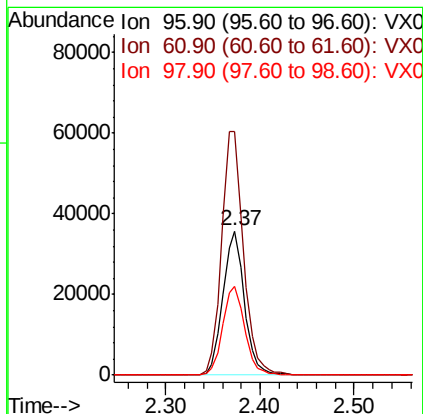
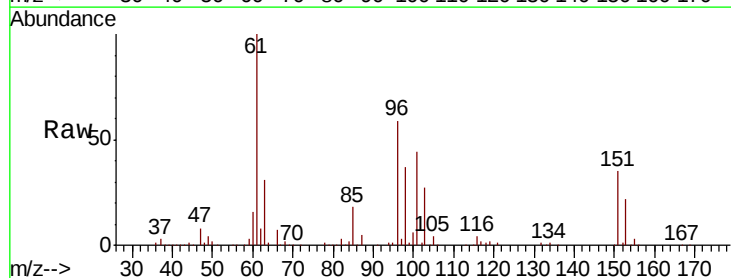
Tot Ion: 59 Resp: 101827
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.5 12.7

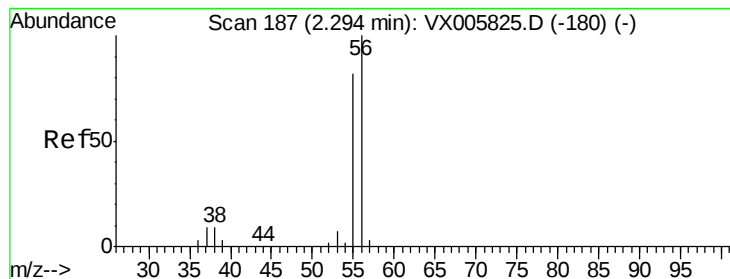


#12

1,1-Dichloroethene
 Concen: 42.375 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

Tgt Ion: 96 Resp: 56555
 Ion Ratio Lower Upper
 96 100
 61 168.7 131.8 197.8
 98 62.0 53.4 80.2





#13

Acrolein

Concen: 233.743 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

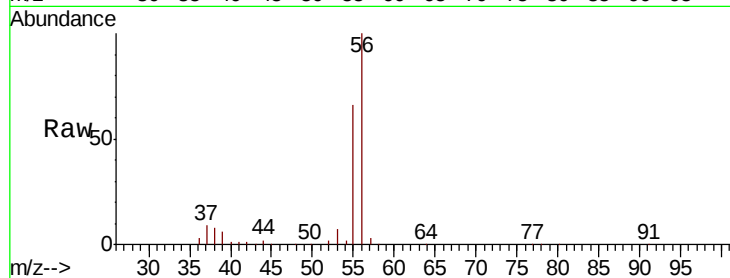
VSTDCCC050EC

Tot Ion: 56 Resp: 55101

Ion Ratio Lower Upper

56 100

55 71.3 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

40000

30000

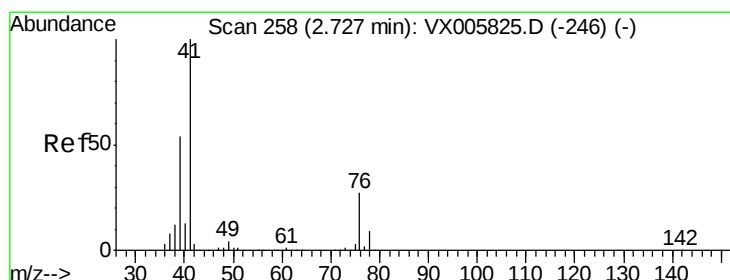
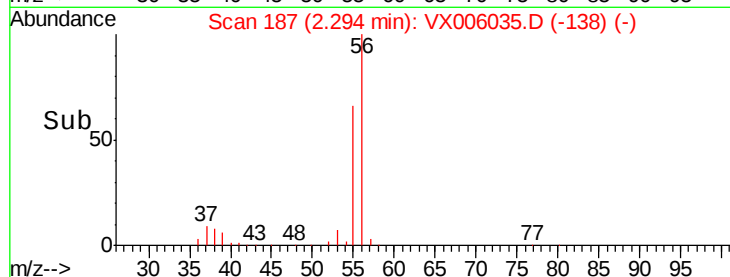
20000

10000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 41.512 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

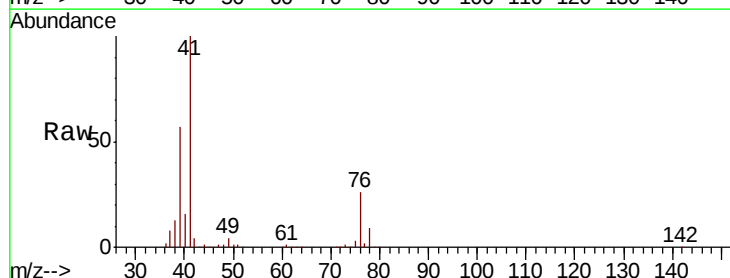
Tgt Ion: 41 Resp: 123736

Ion Ratio Lower Upper

41 100

39 58.4 48.2 72.4

76 29.4 21.9 32.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

80000

60000

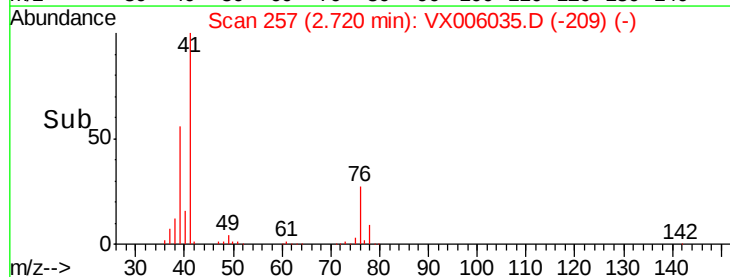
40000

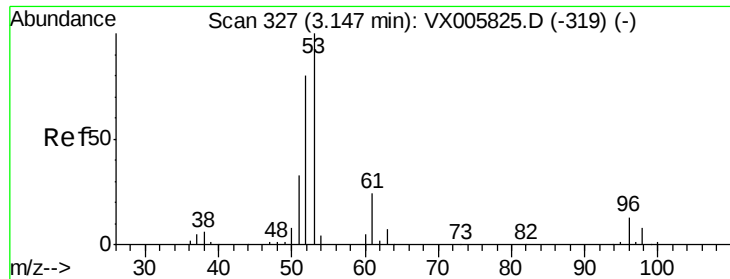
20000

0

Time-->

2.60 2.70 2.80



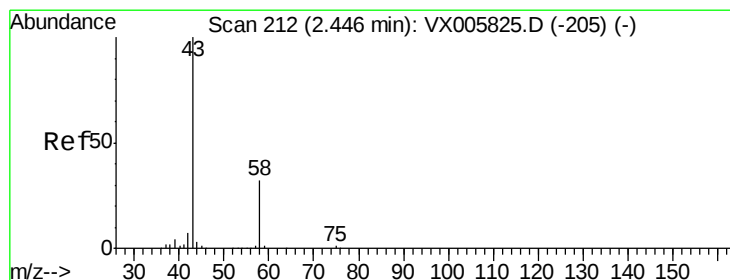
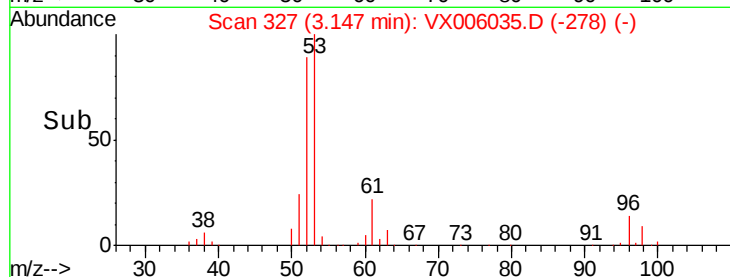
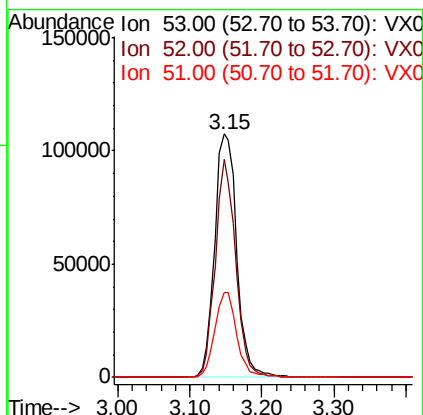
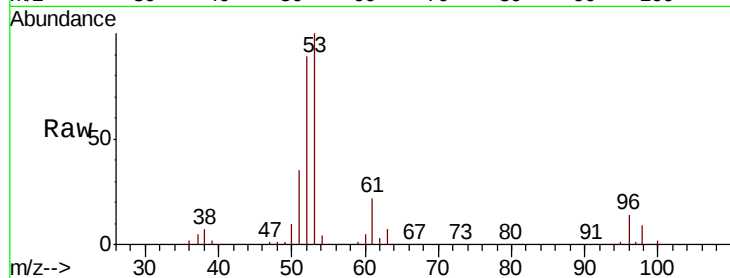


#15
 Acrylonitrile
 Concen: 221.181 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.00 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 53 Resp: 227933

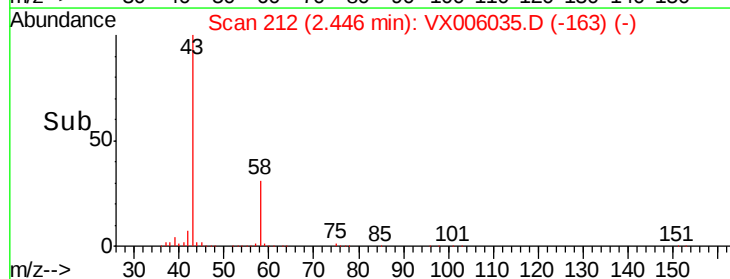
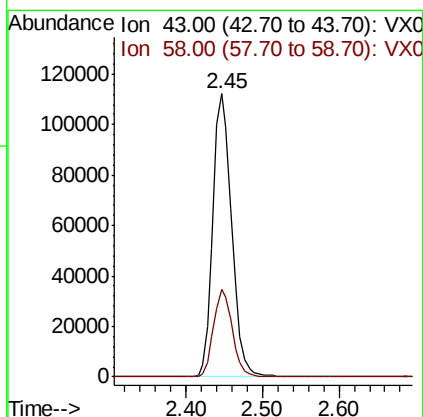
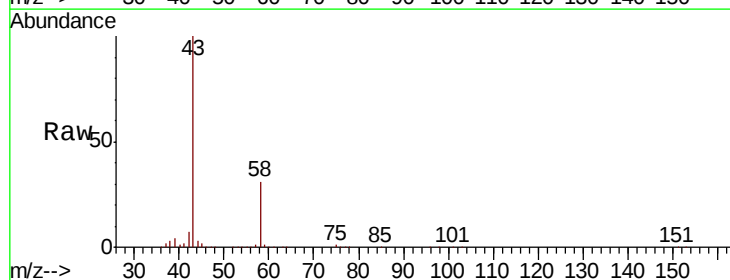
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.6	99.8
51	34.7	28.4	42.6

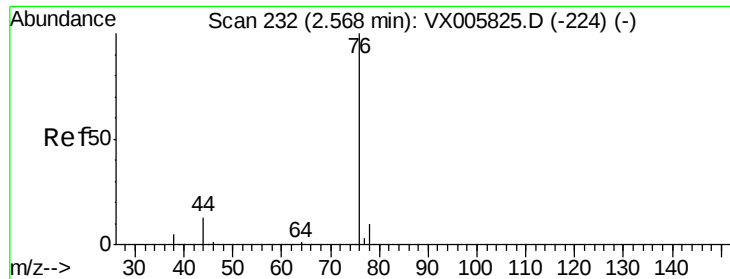


#16
 Acetone
 Concen: 203.880 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

Tgt Ion: 43 Resp: 190554

Ion	Ratio	Lower	Upper
43	100		
58	30.8	23.8	35.6

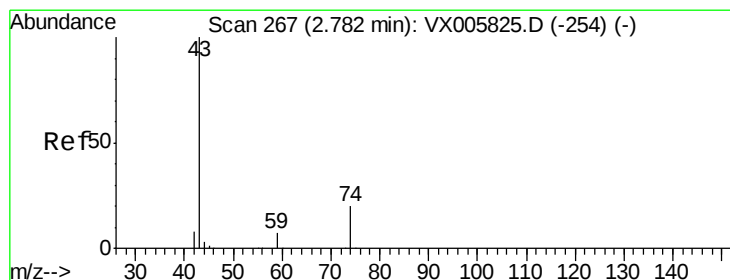
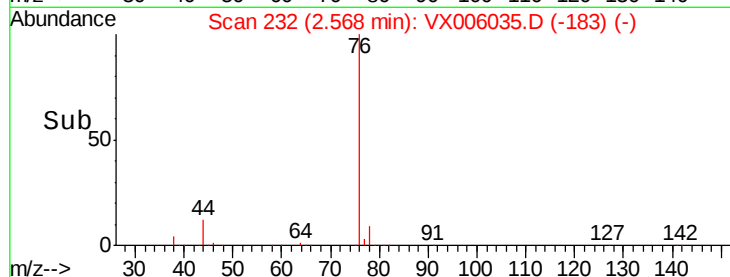
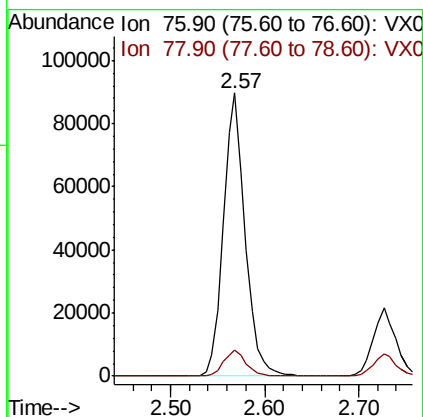
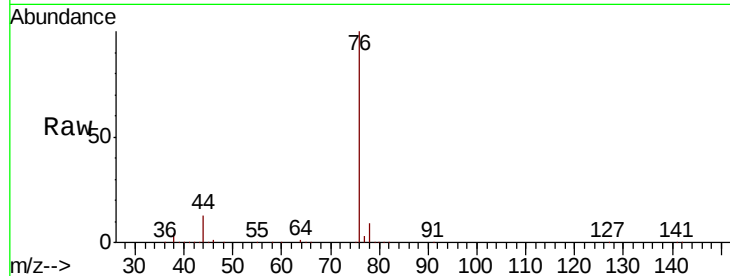




#17
Carbon Disulfide
Concen: 35.852 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

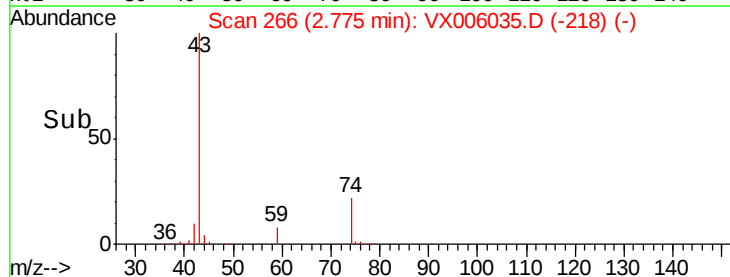
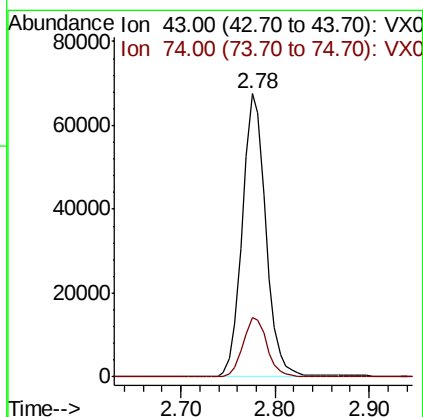
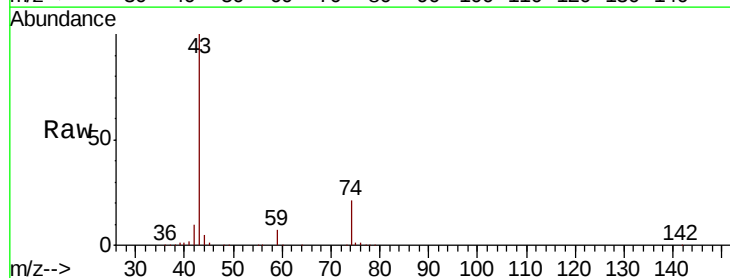
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

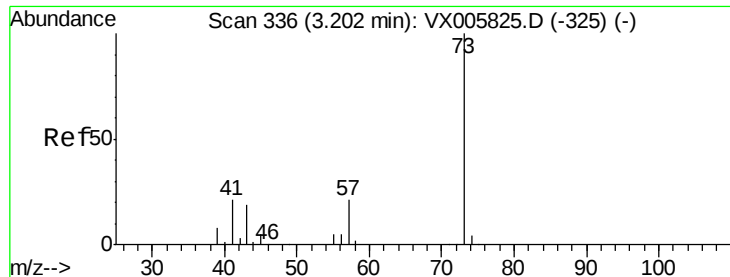
Tot Ion: 76 Resp: 142724
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 47.049 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Tgt Ion: 43 Resp: 118063
Ion Ratio Lower Upper
43 100
74 21.1 16.8 25.2

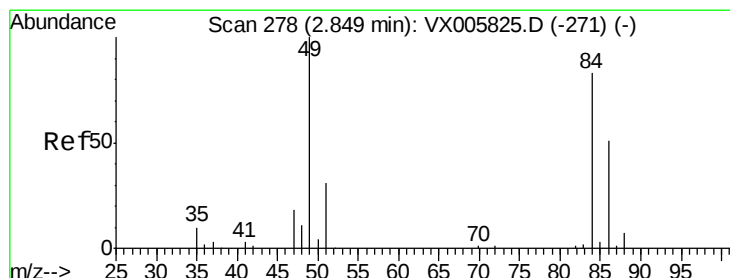
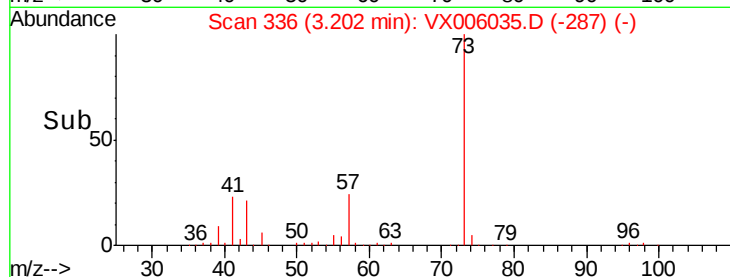
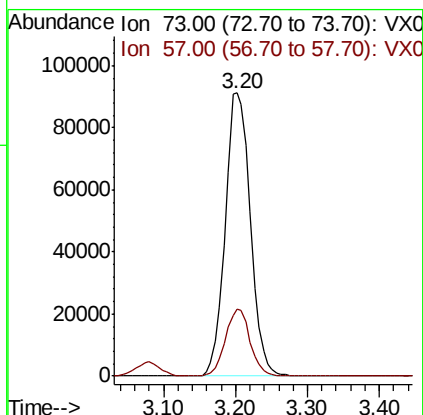
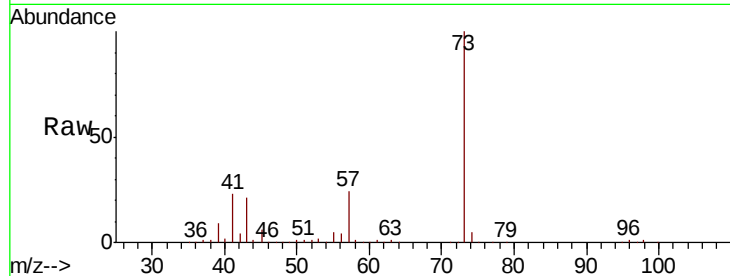




#19
Methvl tert-butvl Ether
Concen: 48.592 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

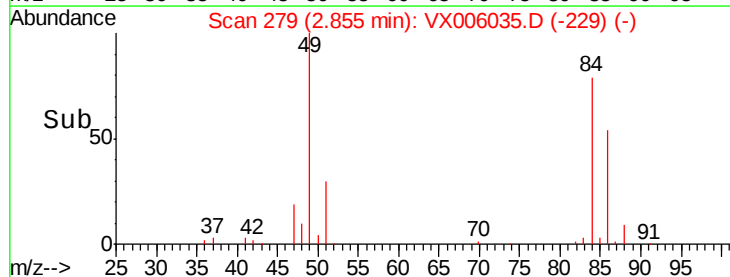
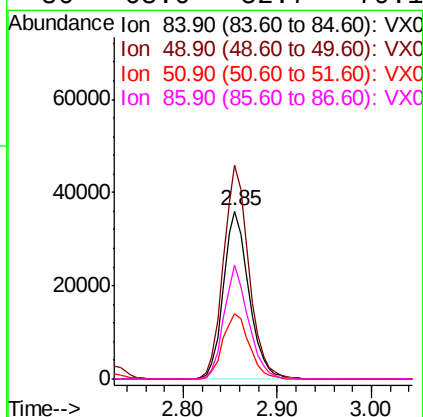
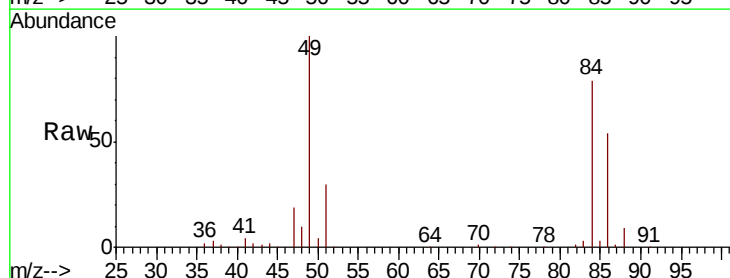
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

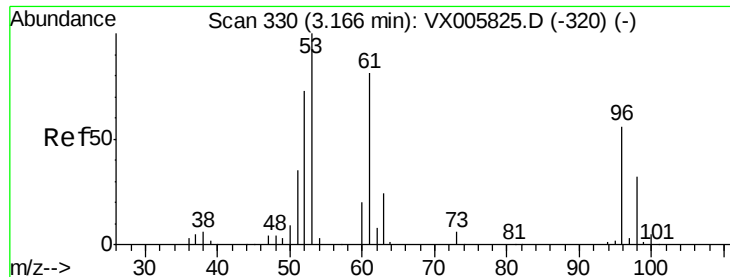
Tot Ion: 73 Resp: 221345
Ion Ratio Lower Upper
73 100
57 23.6 18.8 28.2



#20
Methylene Chloride
Concen: 43.914 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Tgt Ion: 84 Resp: 67420
Ion Ratio Lower Upper
84 100
49 127.0 109.5 164.3
51 38.5 33.3 49.9
86 68.0 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 43.014 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

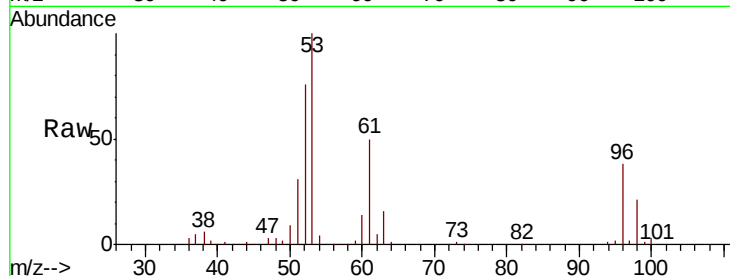
Tot Ion: 96 Resp: 60550

Ion Ratio Lower Upper

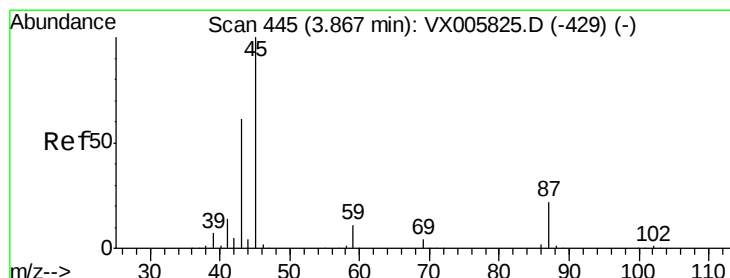
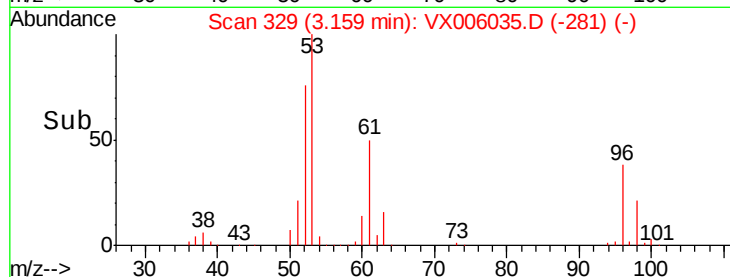
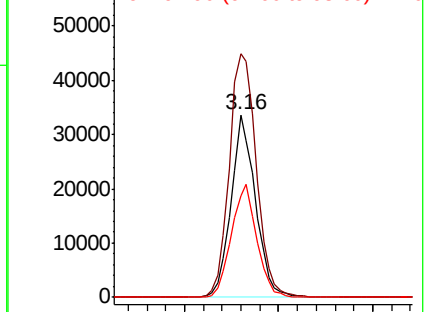
96 100

61 133.4 115.6 173.4

98 55.5 50.2 75.2



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



#22

Diisopropyl ether

Concen: 46.802 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Tgt Ion: 45 Resp: 244383

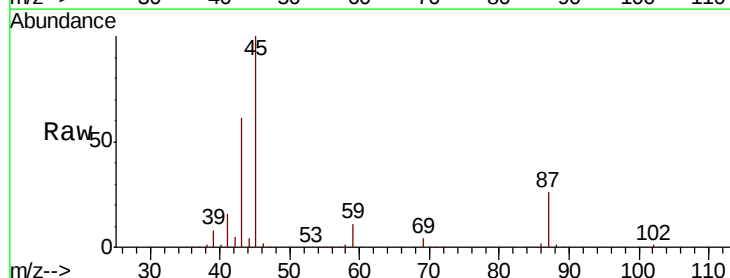
Ion Ratio Lower Upper

45 100

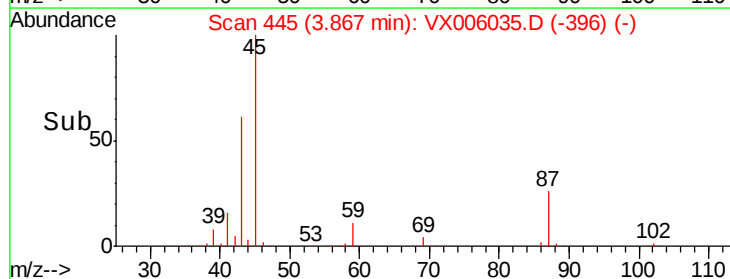
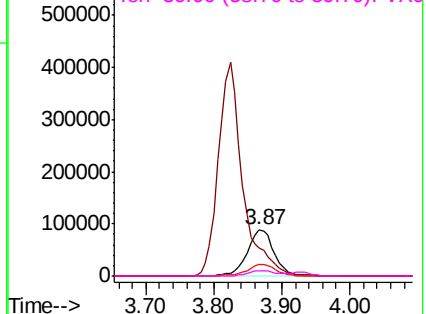
43 60.9 47.4 71.2

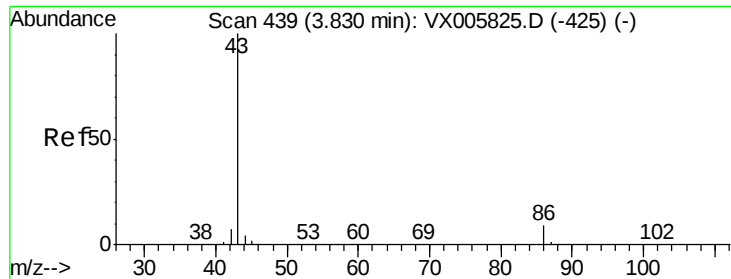
87 25.8 15.9 23.9#

59 10.5 7.7 11.5



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

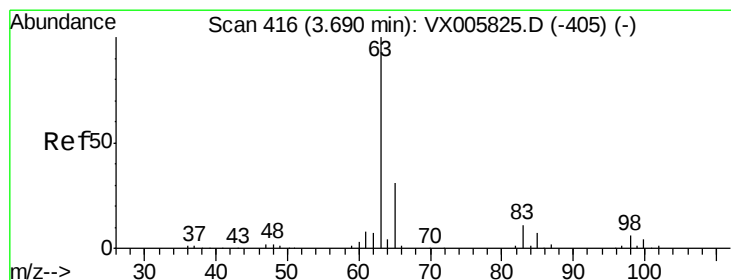
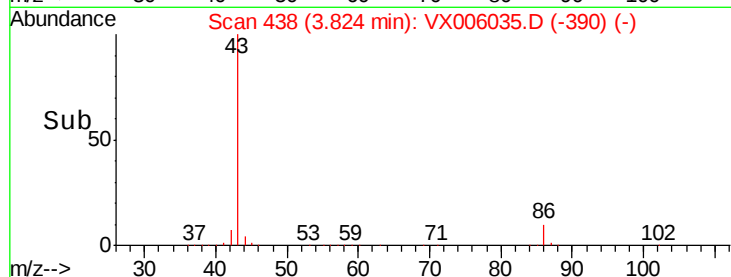
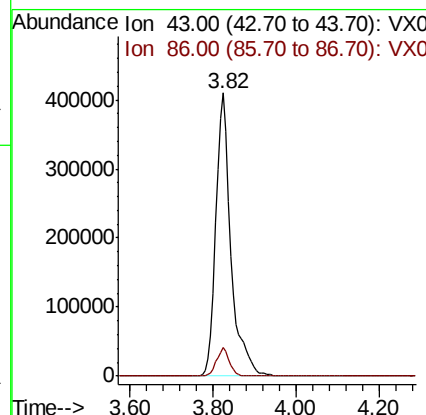
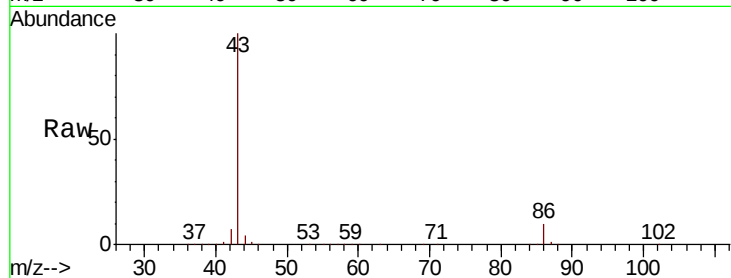




#23
 Vinyl Acetate
 Concen: 228.364 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. -0.01 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

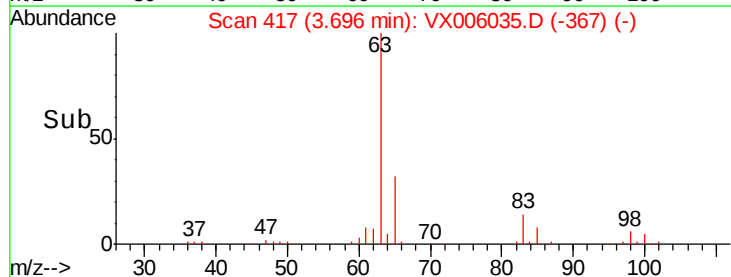
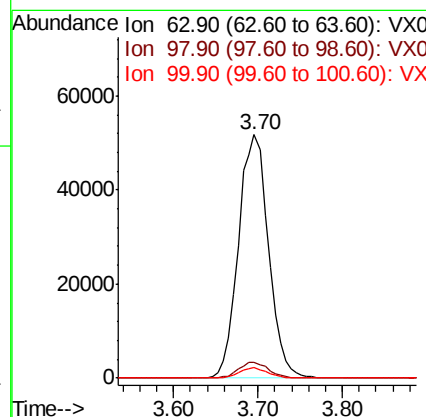
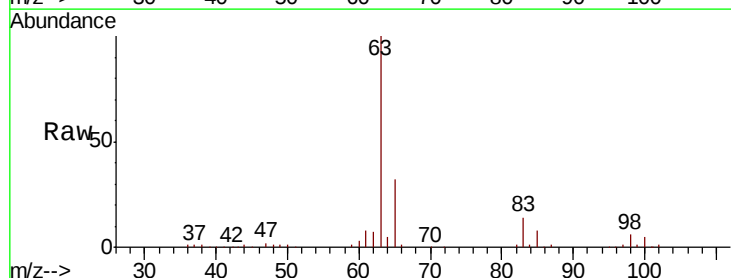
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

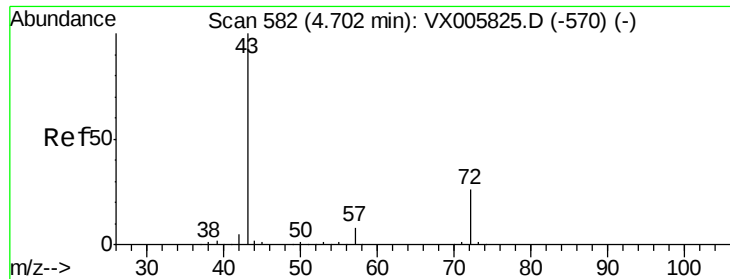
Tot Ion: 43 Resp: 1022404
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.4 11.2



#24
 1,1-Dichloroethane
 Concen: 44.654 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.01 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

Tgt Ion: 63 Resp: 124397
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.2 9.6
 100 4.6 2.1 6.2





#25

2-Butanone

Concen: 220.491 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

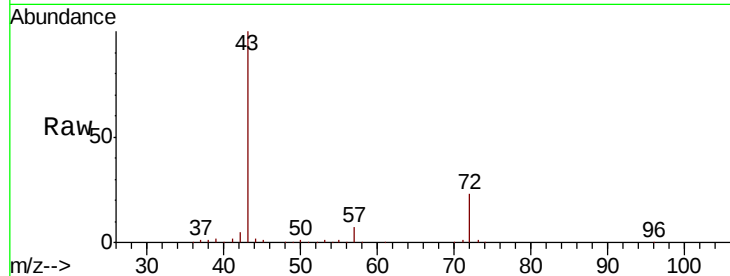
VSTDCCC050EC

Tot Ion: 43 Resp: 323990

Ion Ratio Lower Upper

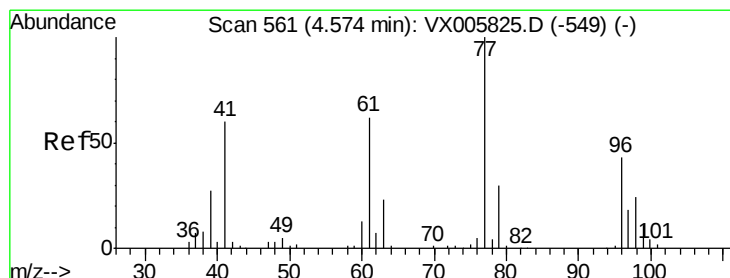
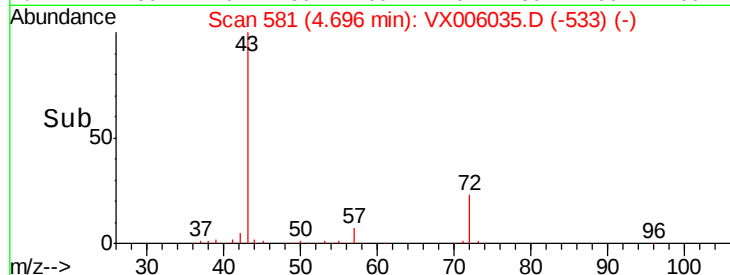
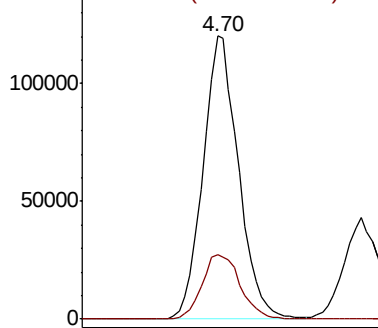
43 100

72 22.9 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 40.708 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX006035.D

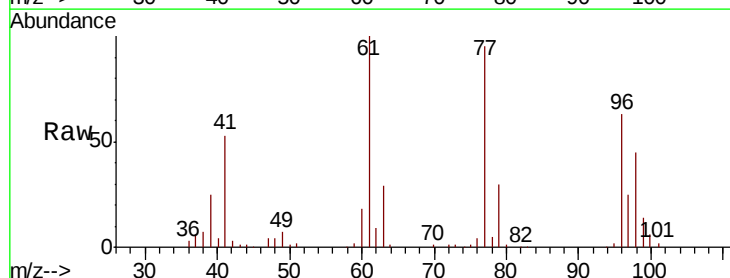
Acq: 15 Nov 2018 21:59

Tgt Ion: 77 Resp: 83189

Ion Ratio Lower Upper

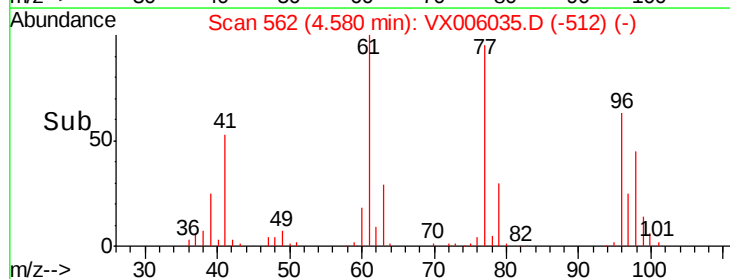
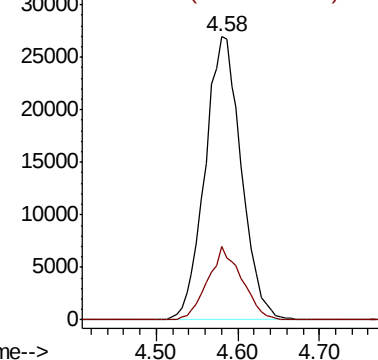
77 100

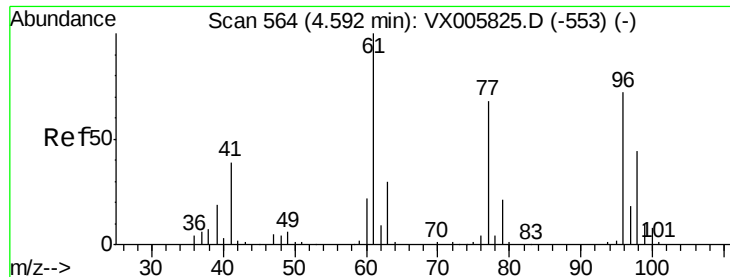
97 24.3 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

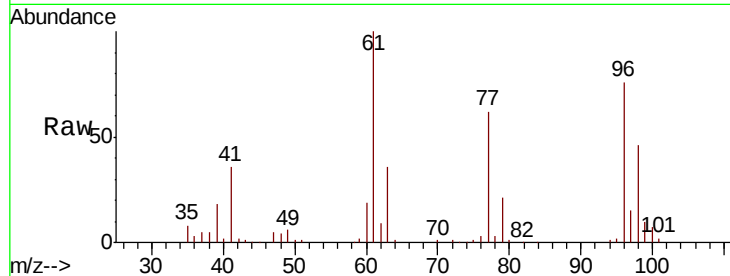




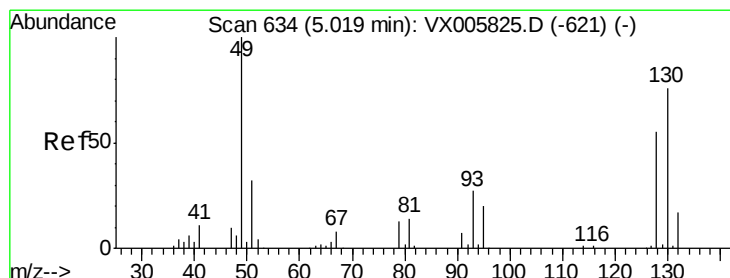
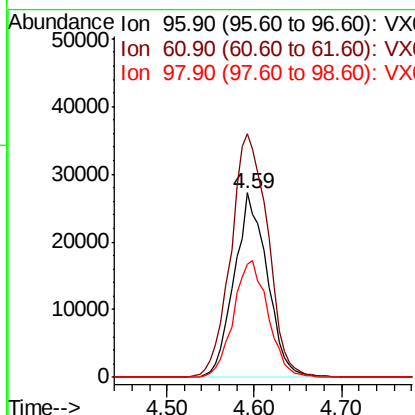
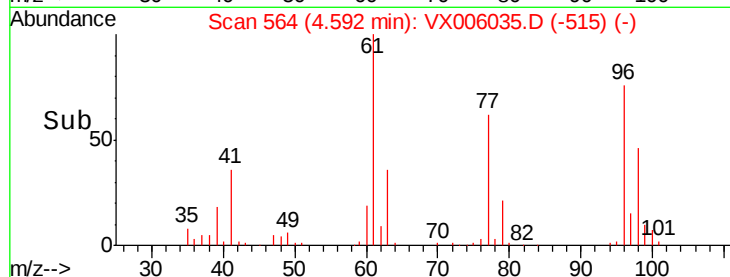
#27
 cis-1,2-Dichloroethene
 Concen: 45.976 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 96 Resp: 71463
 Ion Ratio Lower Upper
 96 100
 61 147.7 0.0 304.6
 98 66.2 0.0 127.4

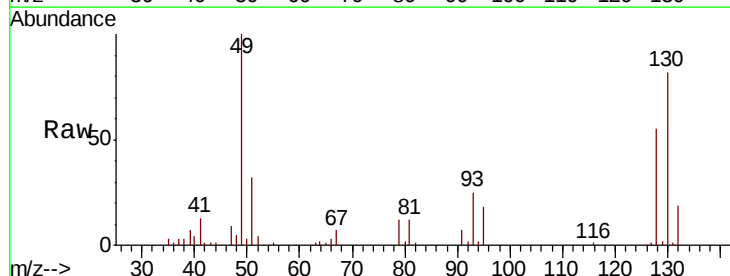


Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0

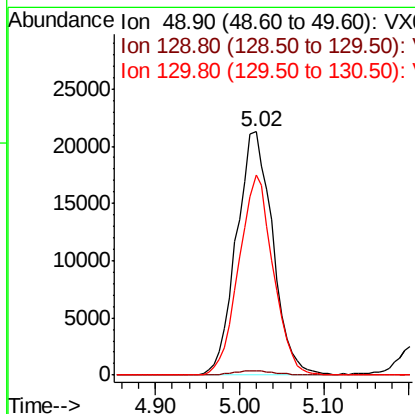
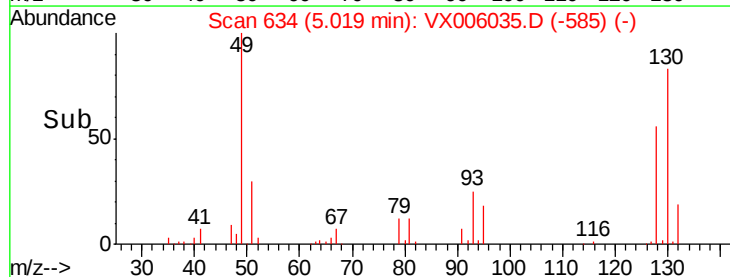


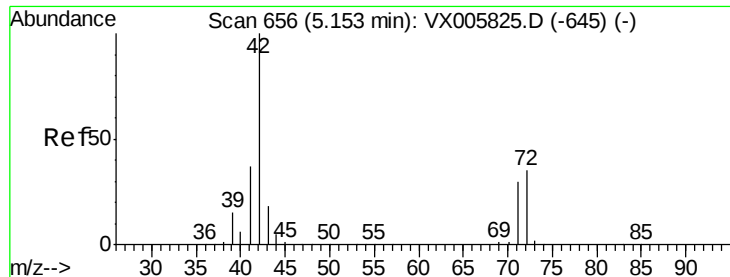
#28
 Bromochloromethane
 Concen: 49.605 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

Tgt Ion: 49 Resp: 61760
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.0
 130 78.0 58.9 88.3



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

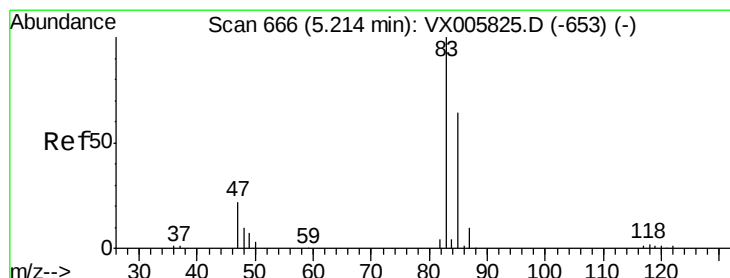
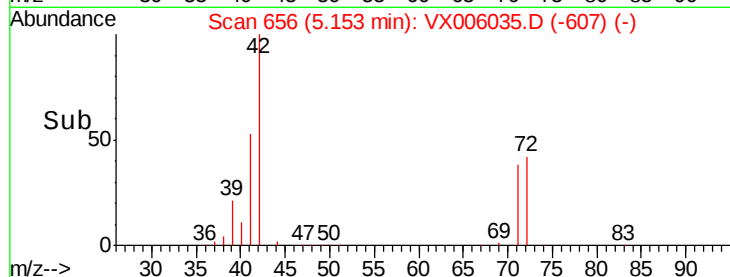
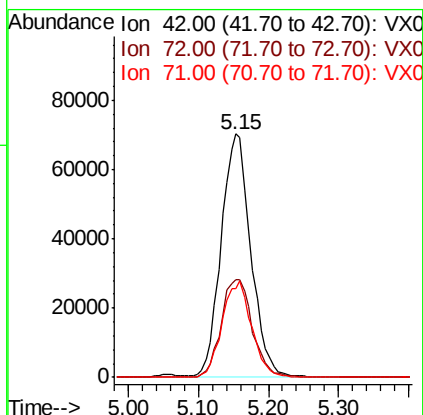
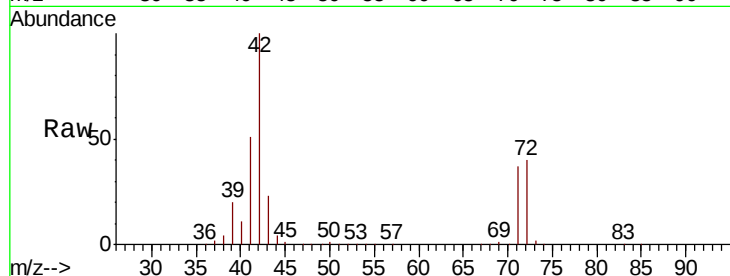




#29
Tetrahydrofuran
Concen: 218.823 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

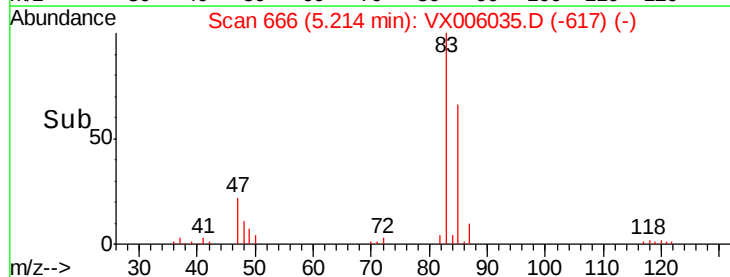
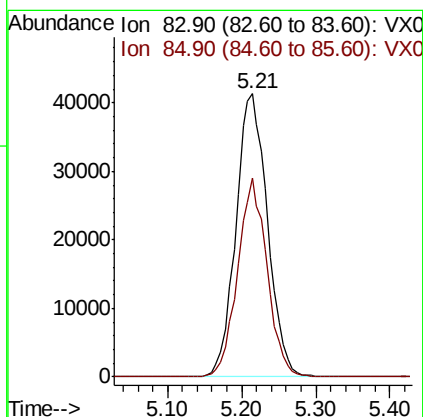
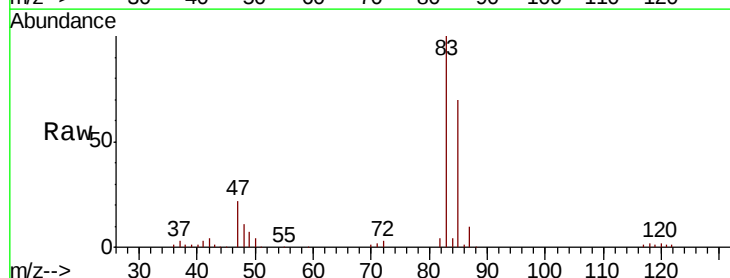
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

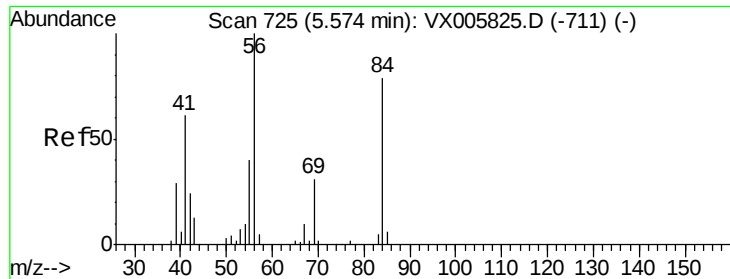
Tot Ion: 42 Resp: 206452
Ion Ratio Lower Upper
42 100
72 42.5 32.0 48.0
71 39.5 29.8 44.8



#30
Chloroform
Concen: 45.655 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Tgt Ion: 83 Resp: 122706
Ion Ratio Lower Upper
83 100
85 70.4 50.6 76.0

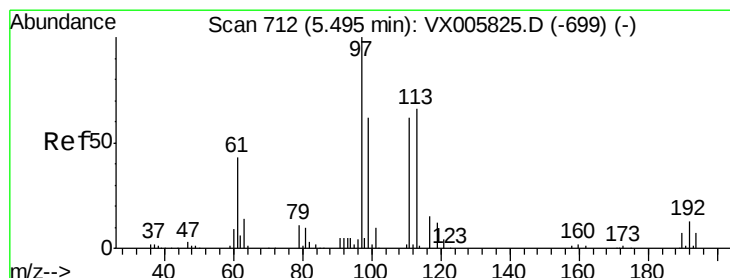
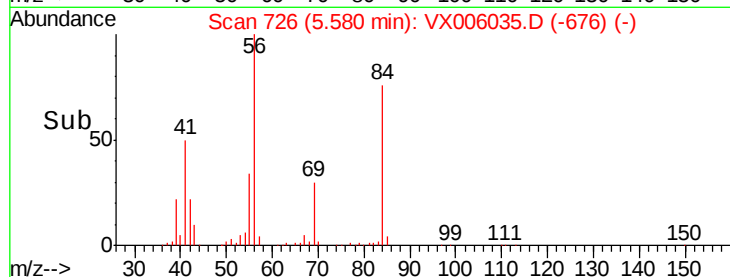
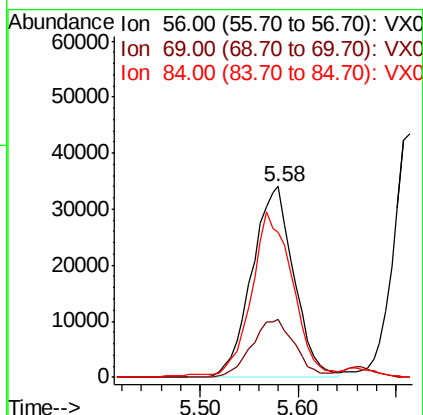
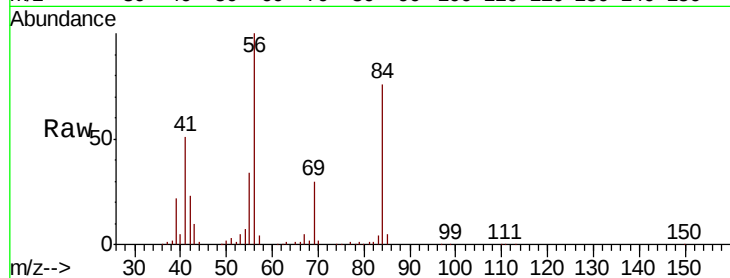




#31
Cyclohexane
Concen: 42.016 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

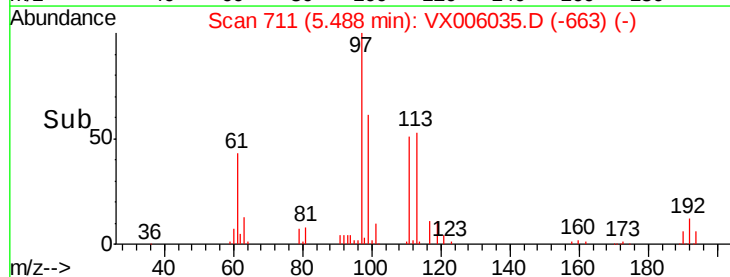
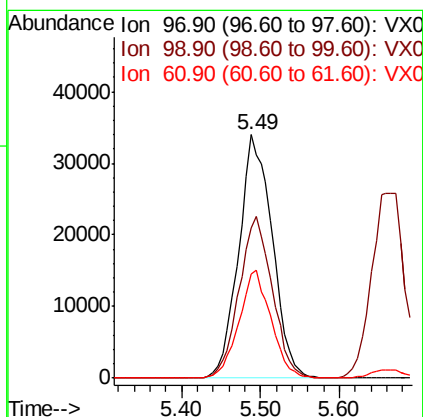
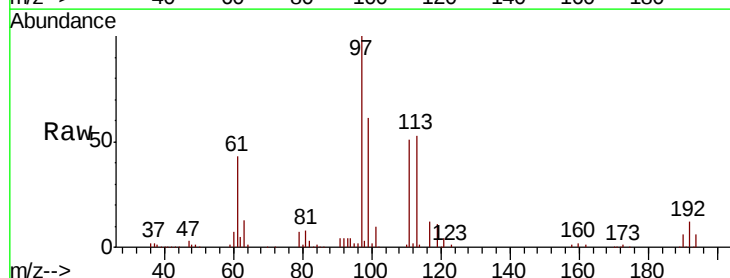
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

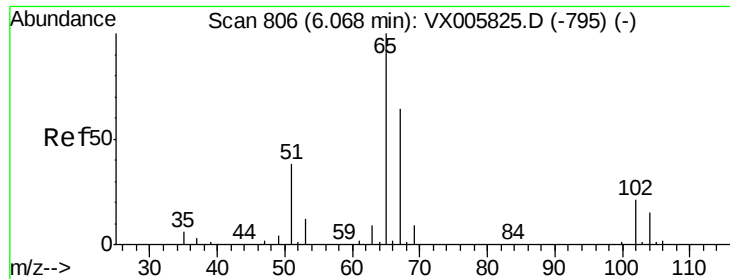
Tot Ion: 56 Resp: 101604
Ion Ratio Lower Upper
56 100
69 30.3 22.6 34.0
84 74.6 62.7 94.1



#32
1,1,1-Trichloroethane
Concen: 44.879 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Tgt Ion: 97 Resp: 100609
Ion Ratio Lower Upper
97 100
99 65.5 52.3 78.5
61 42.2 35.2 52.8

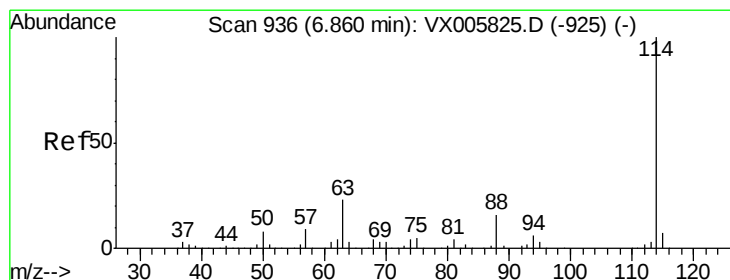
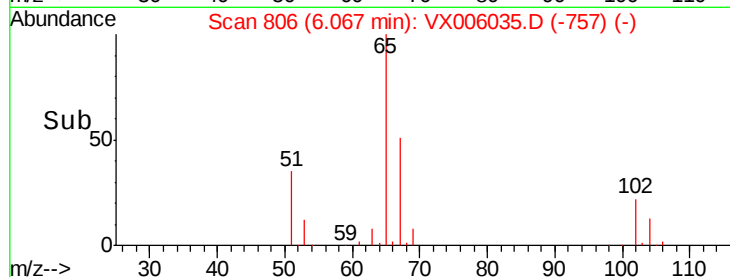
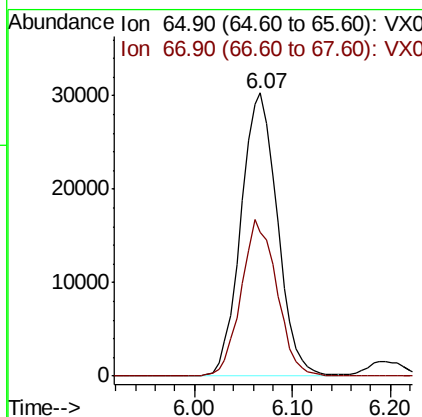
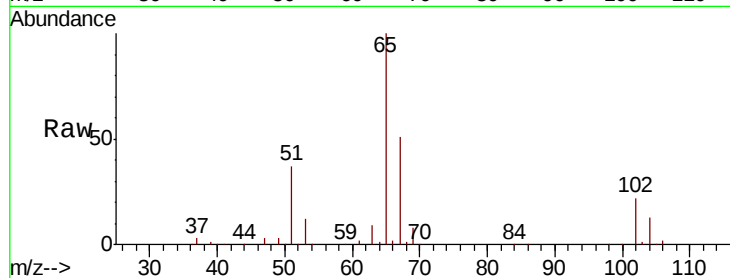




#33
 1,2-Dichloroethane-d4
 Concen: 45.261 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

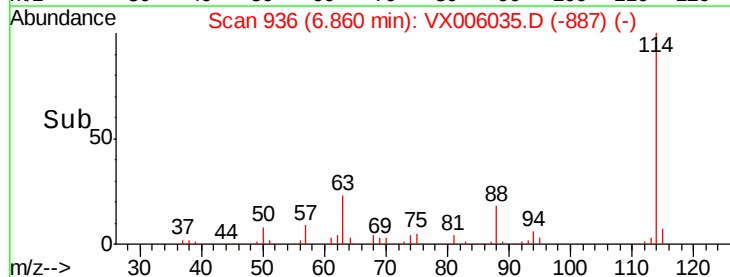
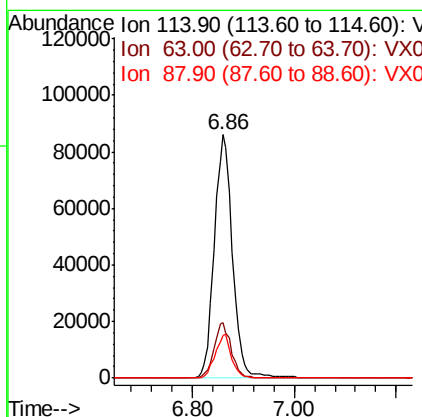
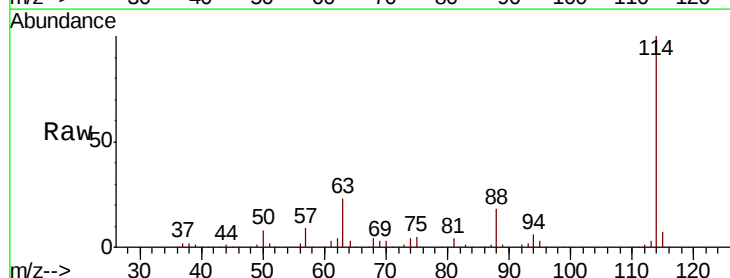
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

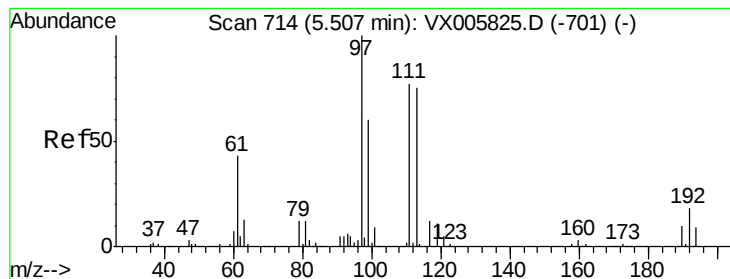
Tot Ion: 65 Resp: 78568
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

Tgt Ion: 114 Resp: 213986
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 42.8
 88 17.7 0.0 31.2





#35

Dibromofluoromethane

Concen: 44.941 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

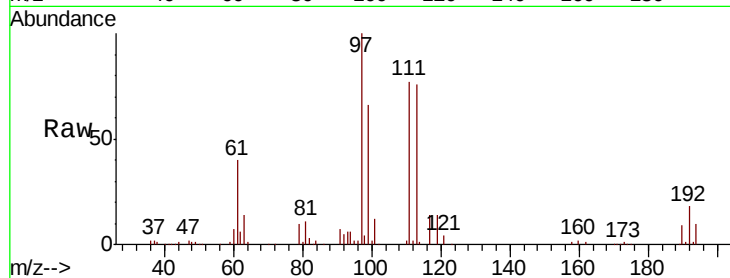
Tot Ion:113 Resp: 65409

Ion Ratio Lower Upper

113 100

111 100.4 82.3 123.5

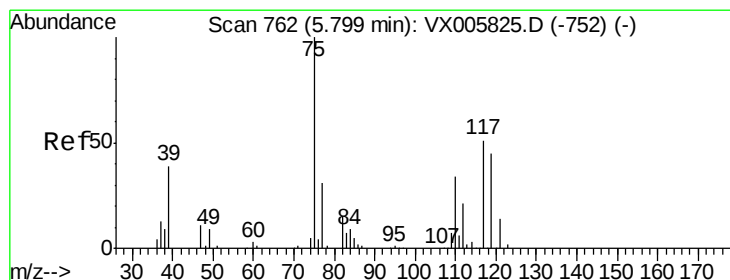
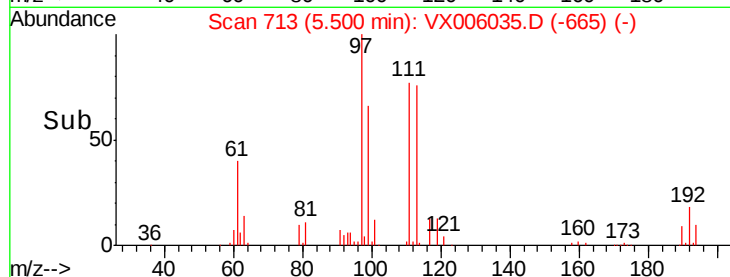
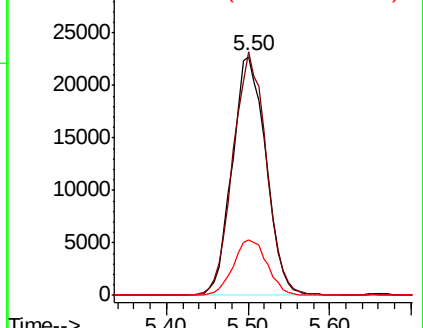
192 23.2 17.9 26.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 43.590 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

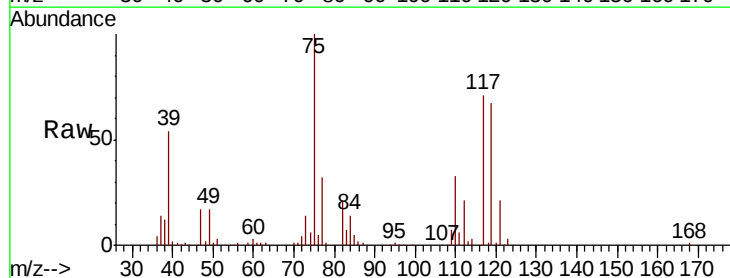
Tgt Ion: 75 Resp: 89920

Ion Ratio Lower Upper

75 100

110 34.7 17.4 52.2

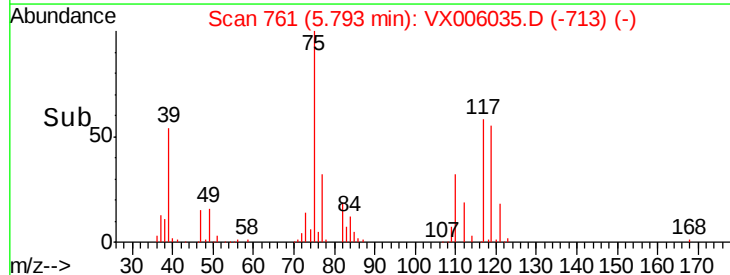
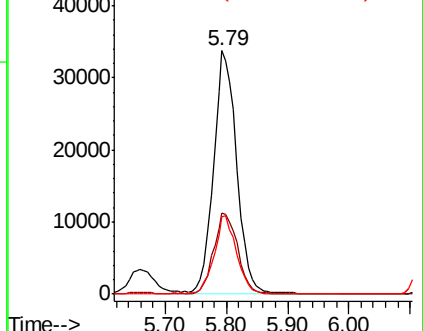
77 31.0 25.8 38.6

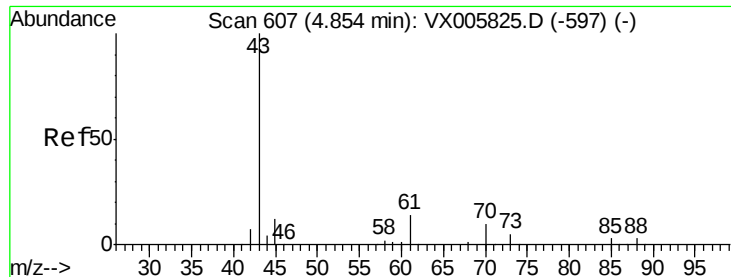


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

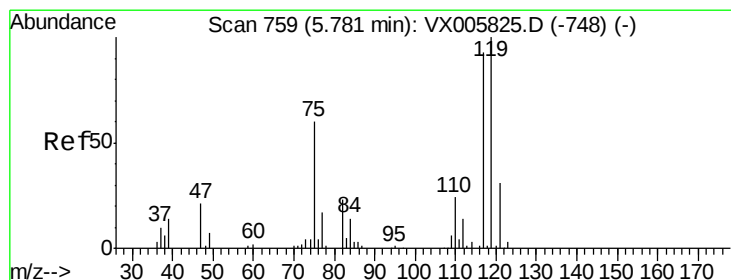
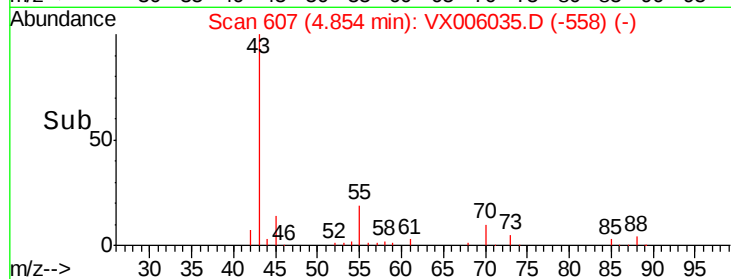
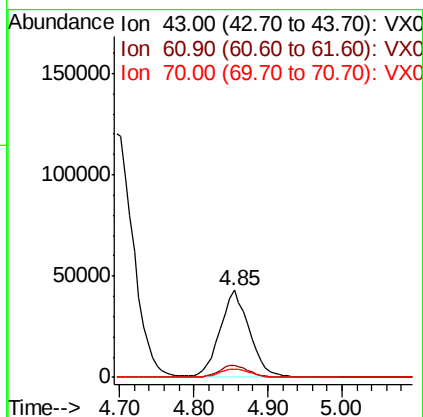
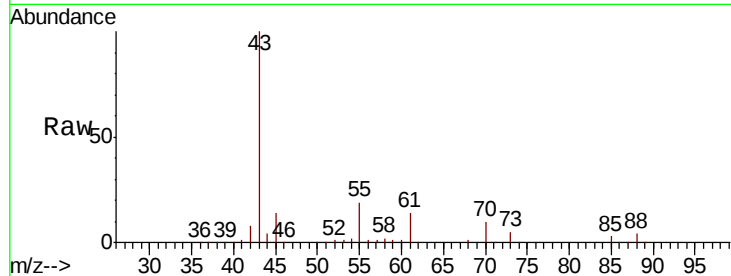




#37
Ethyl Acetate
Concen: 43.683 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

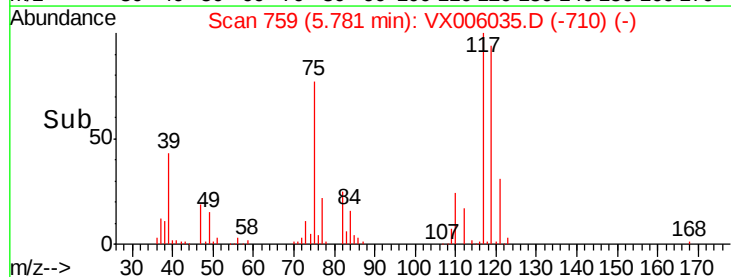
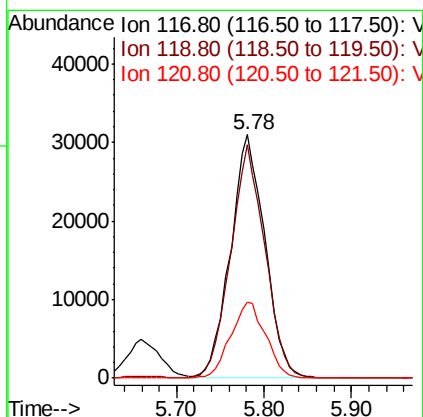
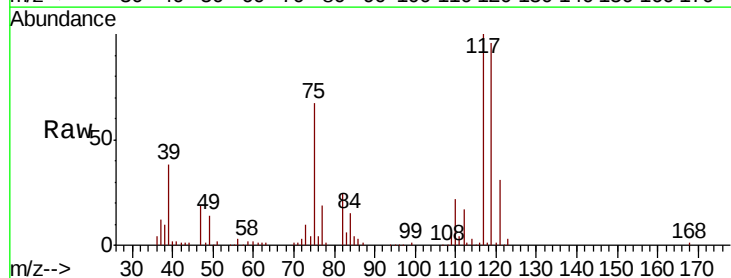
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

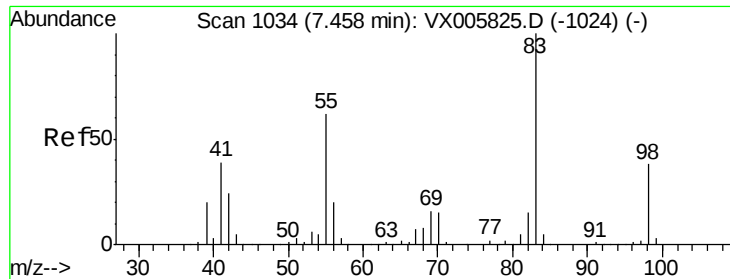
Tot Ion: 43 Resp: 118500
Ion Ratio Lower Upper
43 100
61 14.5 10.8 16.2
70 10.3 7.8 11.8



#38
Carbon Tetrachloride
Concen: 41.228 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Tgt Ion: 117 Resp: 85143
Ion Ratio Lower Upper
117 100
119 95.8 78.1 117.1
121 31.2 24.6 36.8

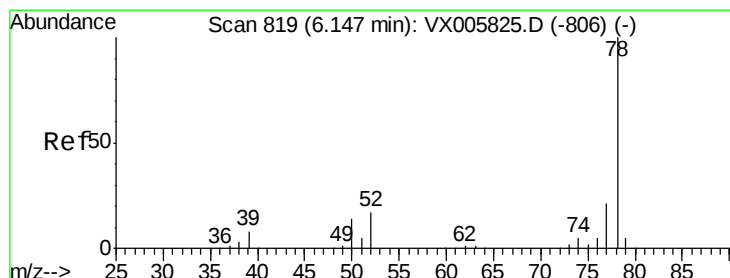
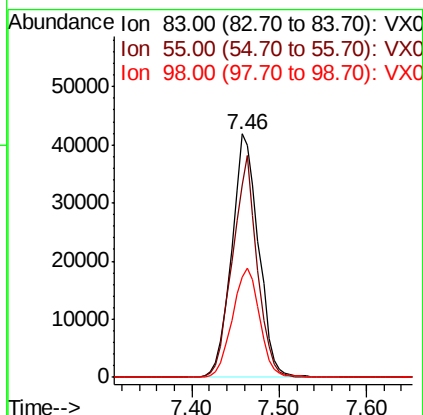
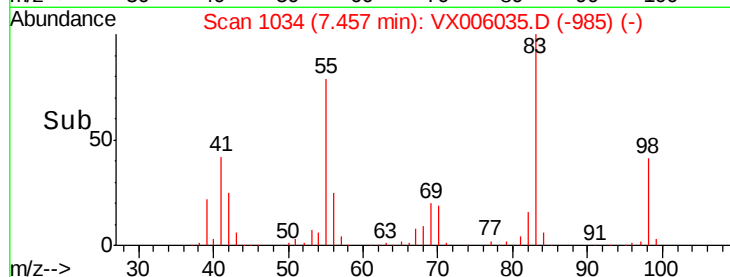
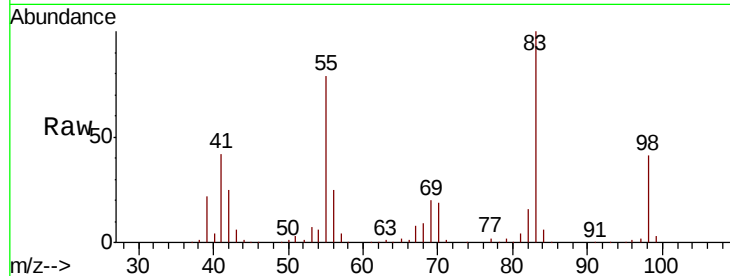




#39
Methvlcvclohexane
Concen: 42.825 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

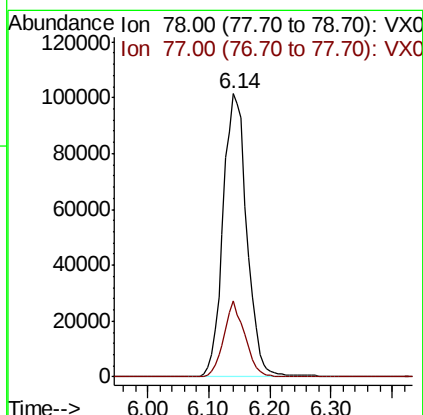
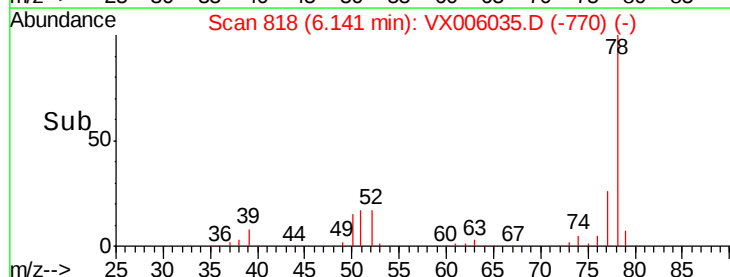
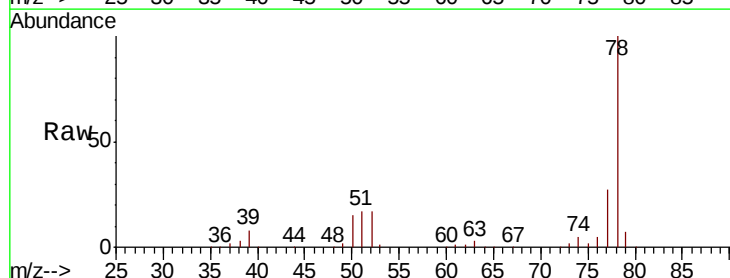
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

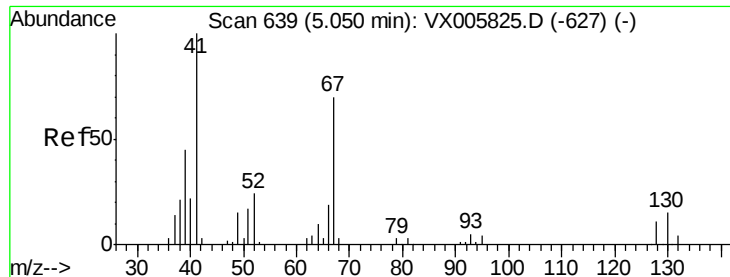
Tot Ion: 83 Resp: 89537
Ion Ratio Lower Upper
83 100
55 79.0 63.7 95.5
98 41.3 36.2 54.2



#40
Benzene
Concen: 45.397 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Tgt Ion: 78 Resp: 273005
Ion Ratio Lower Upper
78 100
77 26.7 18.4 27.6





#41

Methacrylonitrile

Concen: 44.852 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.01 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 65745

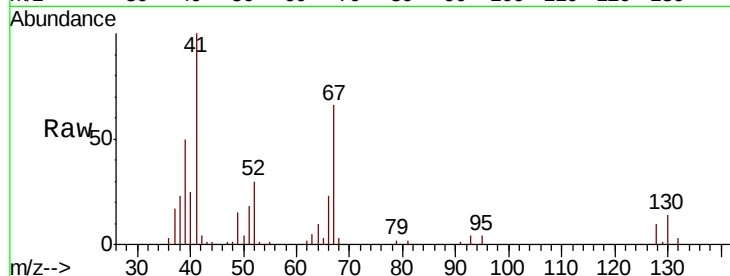
Ion Ratio Lower Upper

41 100

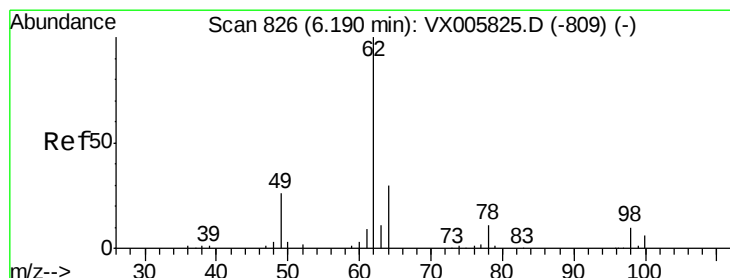
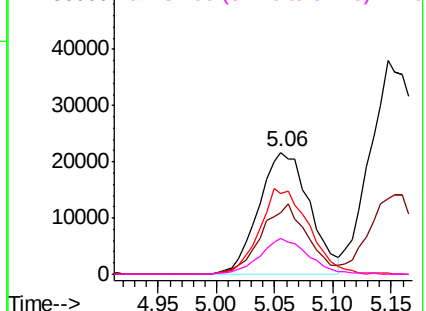
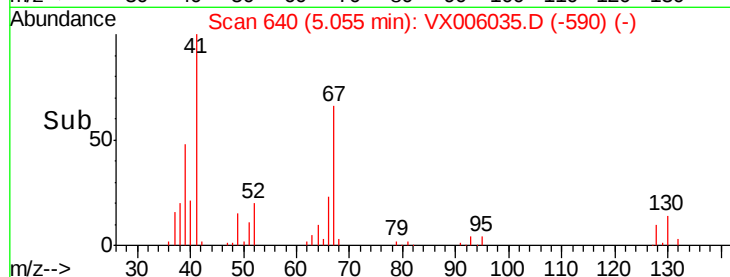
39 52.7 42.2 63.2

67 68.4 53.4 80.0

52 28.6 23.4 35.2



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: 43.275 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX006035.D

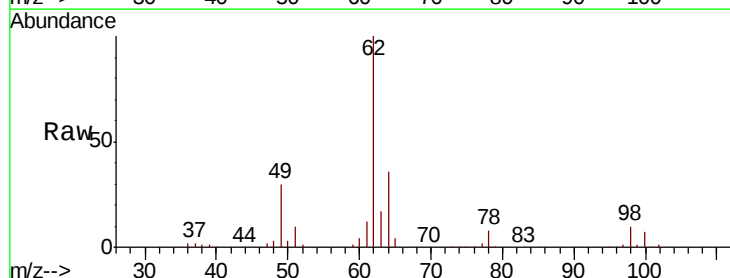
Acq: 15 Nov 2018 21:59

Tgt Ion: 62 Resp: 93214

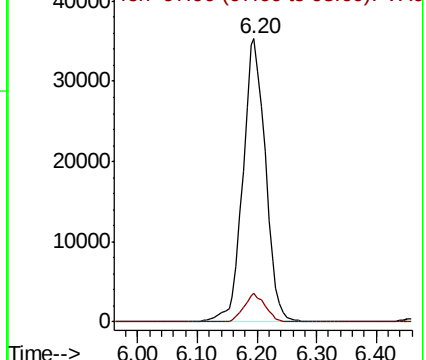
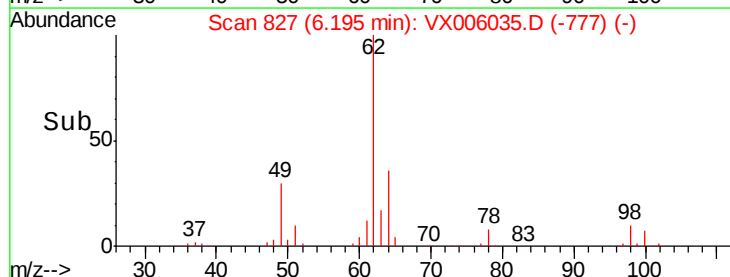
Ion Ratio Lower Upper

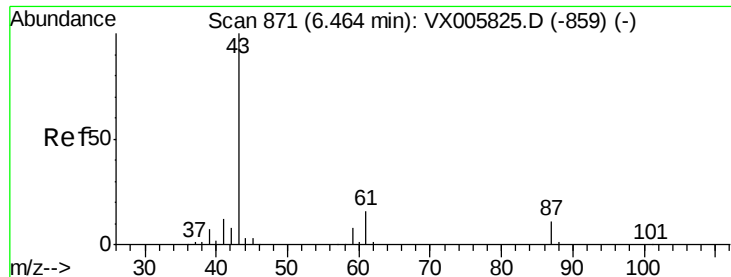
62 100

98 9.5 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



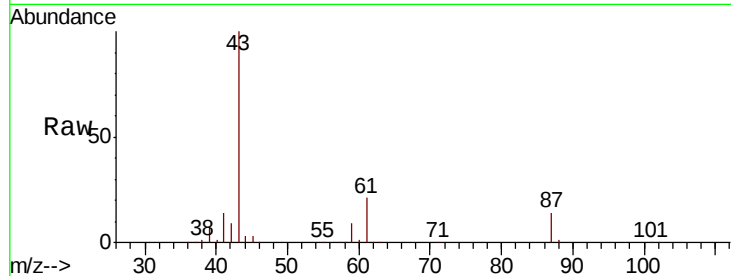


#43

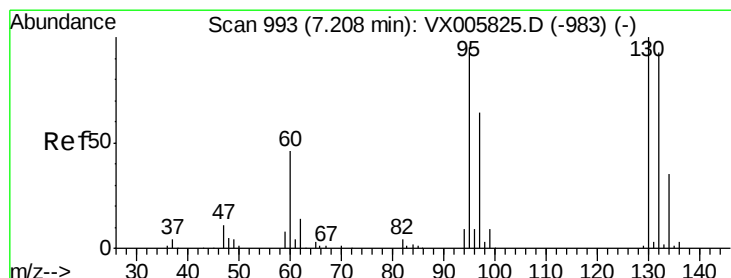
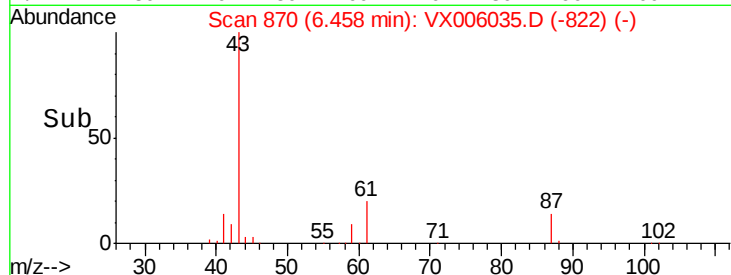
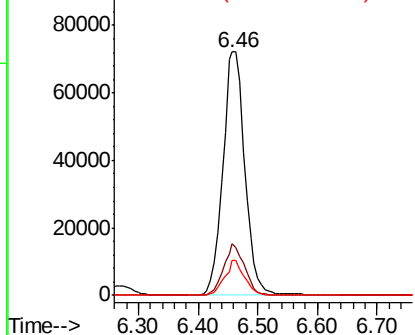
Isopropyl Acetate
 Concen: 47.138 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 185287
 Ion Ratio Lower Upper
 43 100
 61 20.1 14.6 22.0
 87 12.9 9.6 14.4



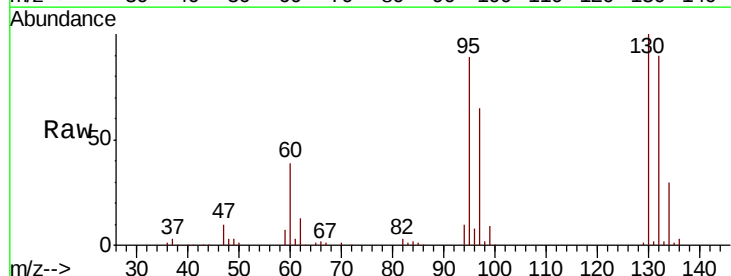
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



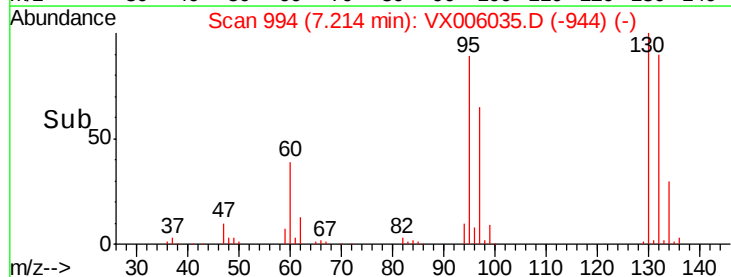
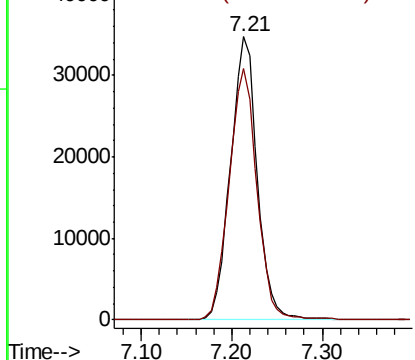
#44

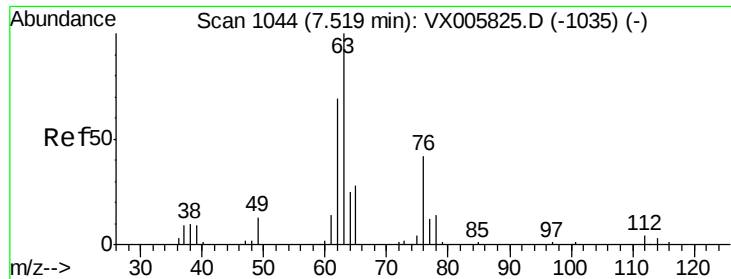
Trichloroethene
 Concen: 46.482 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

Tgt Ion:130 Resp: 70989
 Ion Ratio Lower Upper
 130 100
 95 88.8 0.0 194.2



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

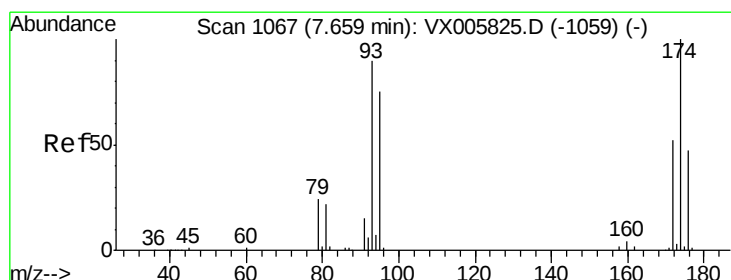
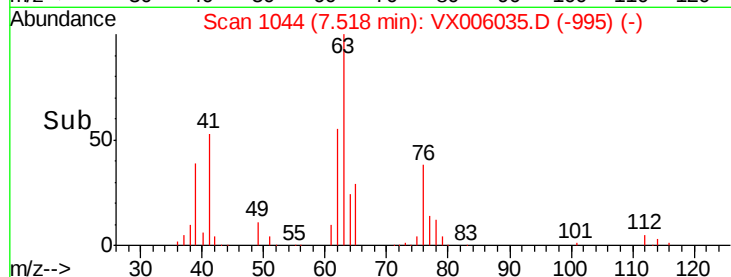
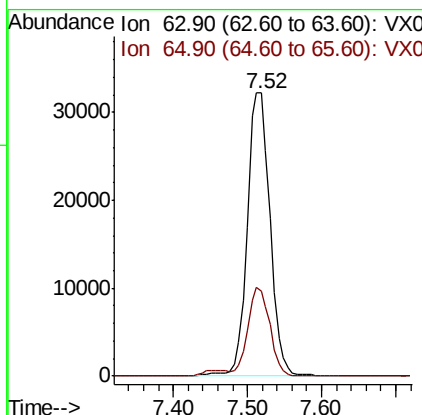
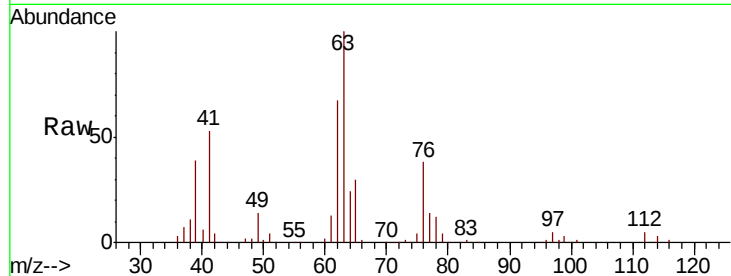




#45
 1,2-Dichloropropane
 Concen: 47.478 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

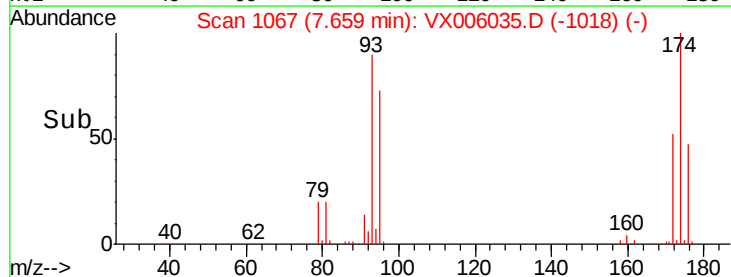
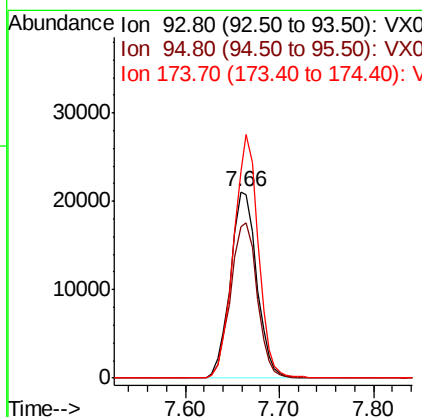
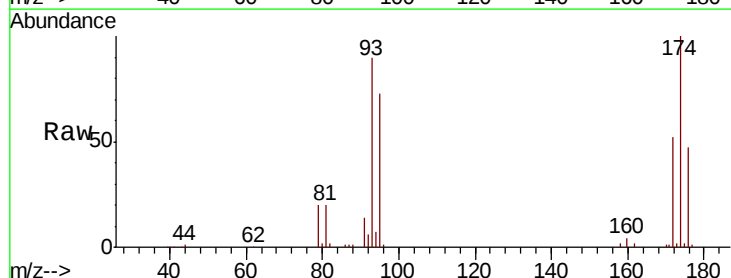
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

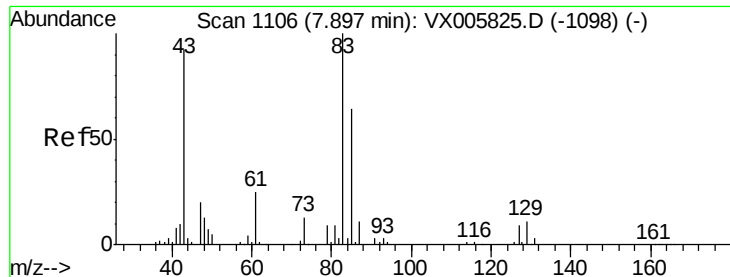
Tot Ion: 63 Resp: 69301
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.8 37.2



#46
 Dibromomethane
 Concen: 45.060 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

Tgt Ion: 93 Resp: 41272
 Ion Ratio Lower Upper
 93 100
 95 84.0 67.4 101.0
 174 121.6 91.5 137.3





#47

Bromodichloromethane

Concen: 46.875 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

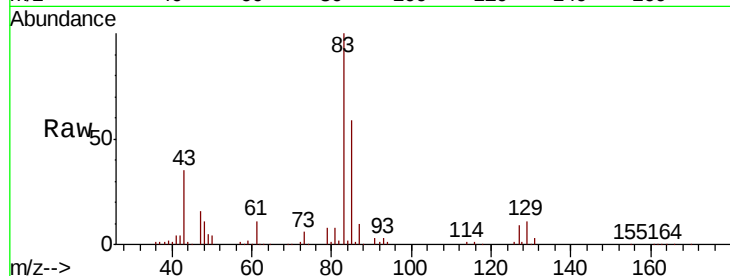
Tot Ion: 83 Resp: 81141

Ion Ratio Lower Upper

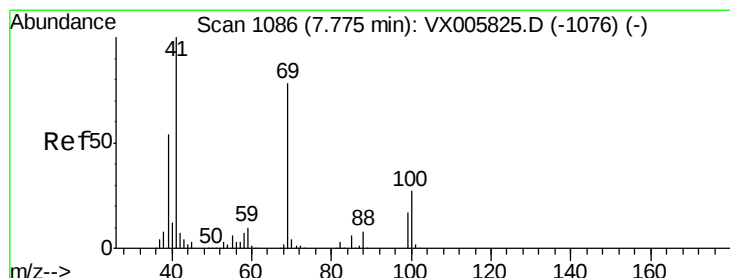
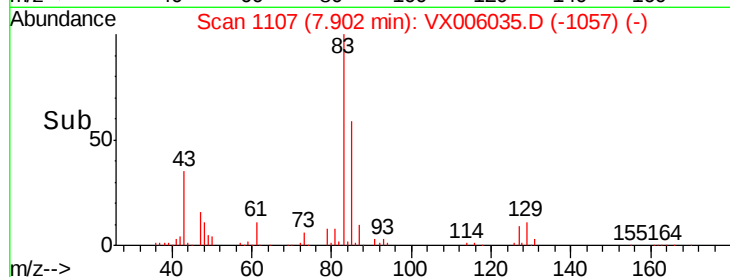
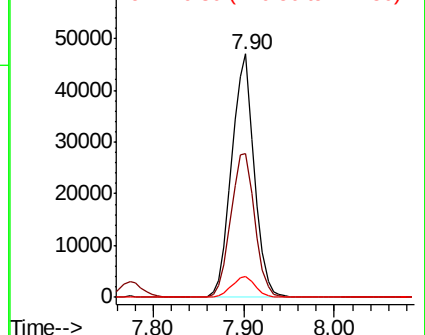
83 100

85 59.3 50.2 75.4

127 8.5 6.9 10.3



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: 47.642 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

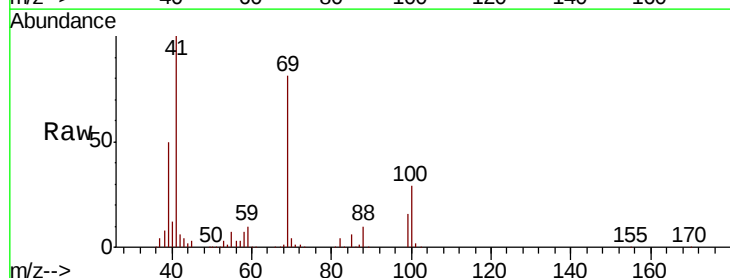
Tgt Ion: 41 Resp: 84088

Ion Ratio Lower Upper

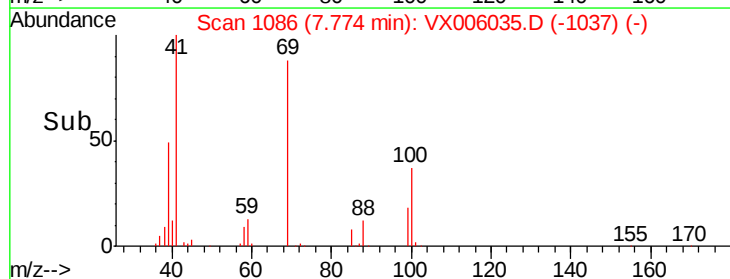
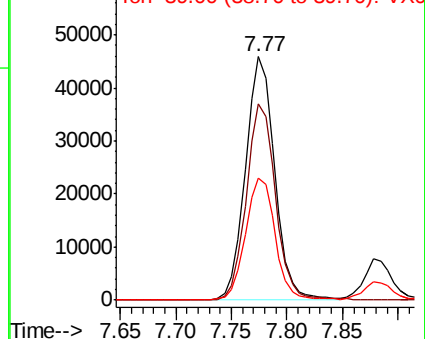
41 100

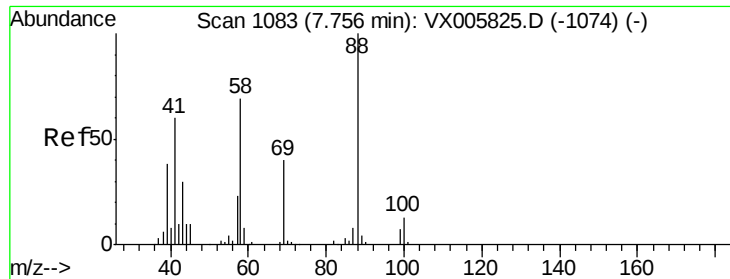
69 81.1 63.2 94.8

39 50.9 42.2 63.2



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

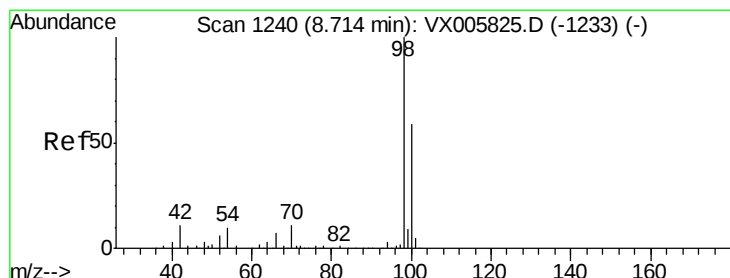
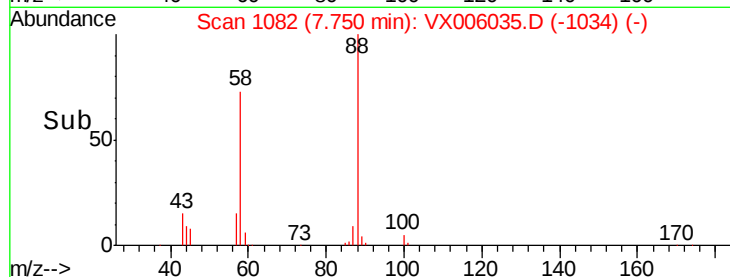
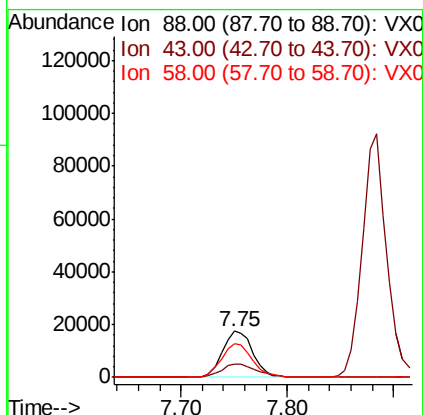
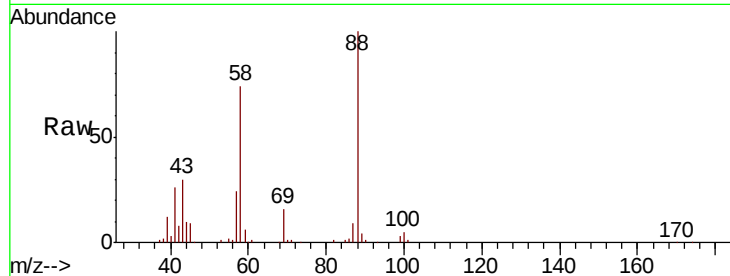




#49
1,4-Dioxane
Concen: 914.784 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

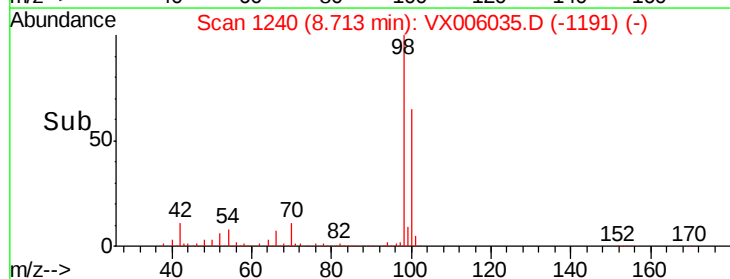
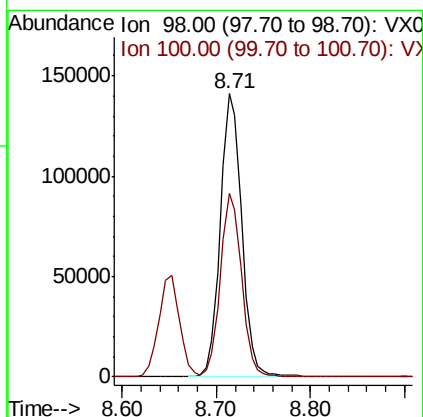
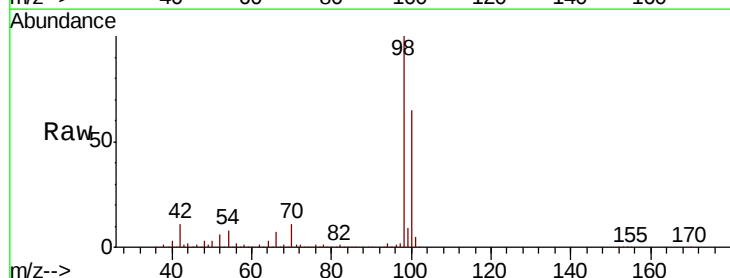
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

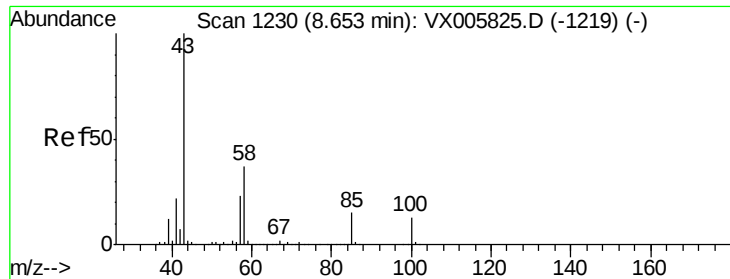
Tot Ion: 88 Resp: 34792
Ion Ratio Lower Upper
88 100
43 33.8 27.4 41.0
58 74.9 59.4 89.2



#50
Toluene-d8
Concen: 45.819 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Tgt Ion: 98 Resp: 221705
Ion Ratio Lower Upper
98 100
100 64.9 51.3 76.9





#51

4-Methyl-2-Pentanone

Concen: 233.506 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

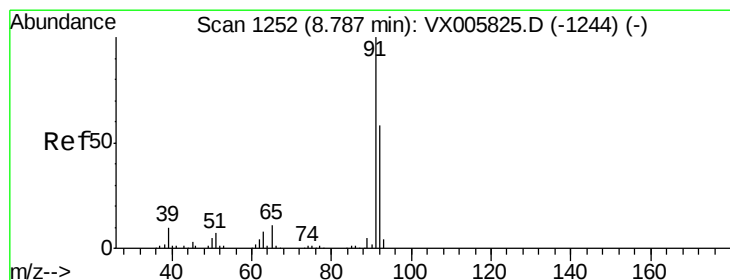
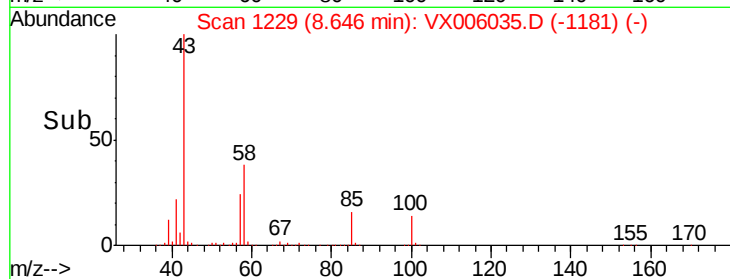
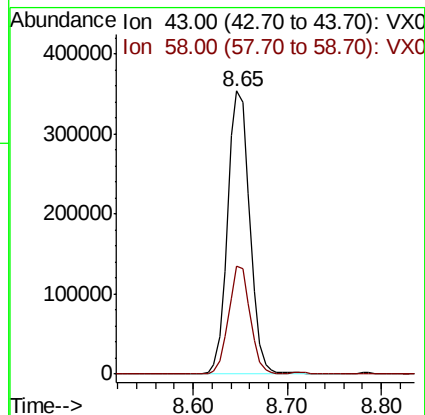
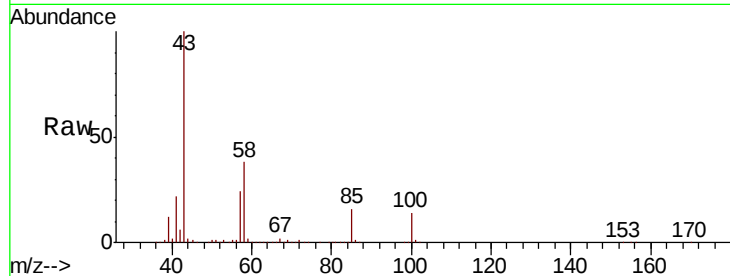
VSTDCCC050EC

Tot Ion: 43 Resp: 578472

Ion Ratio Lower Upper

43 100

58 36.9 29.7 44.5



#52

Toluene

Concen: 46.454 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006035.D

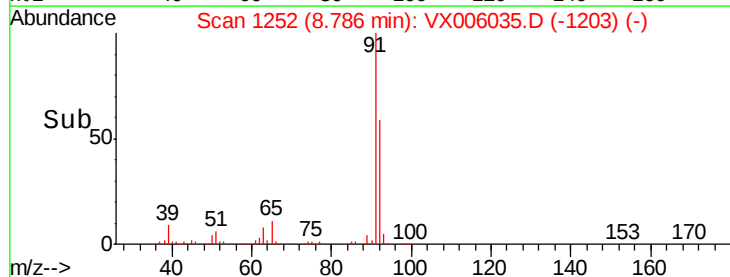
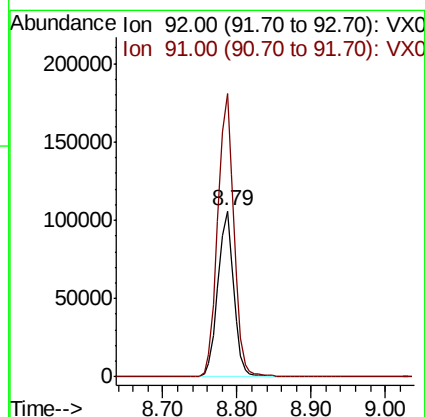
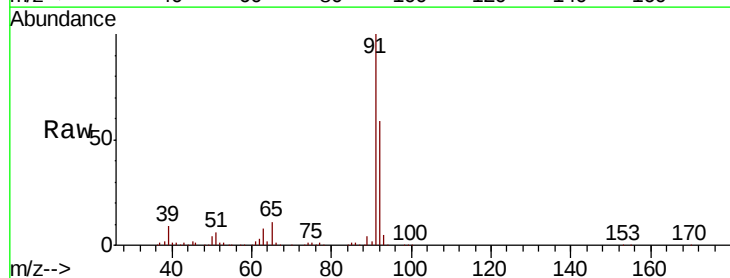
Acq: 15 Nov 2018 21:59

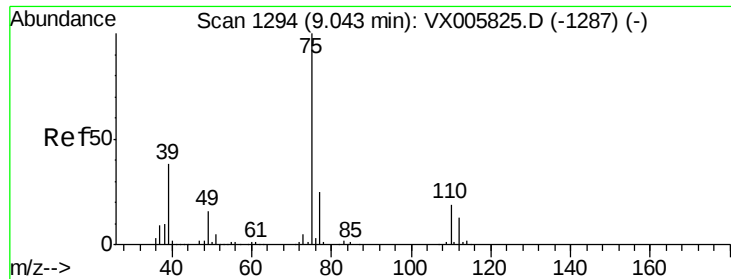
Tgt Ion: 92 Resp: 156132

Ion Ratio Lower Upper

92 100

91 173.2 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 44.493 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

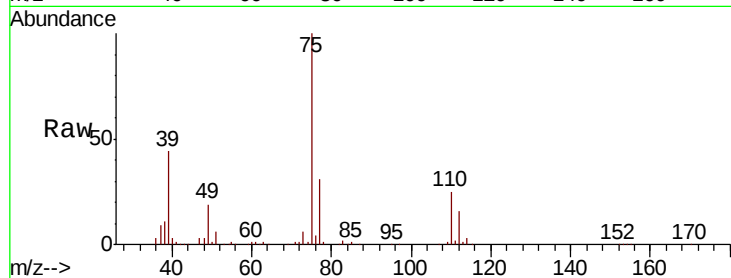
VSTDCCC050EC

Tot Ion: 75 Resp: 90887

Ion Ratio Lower Upper

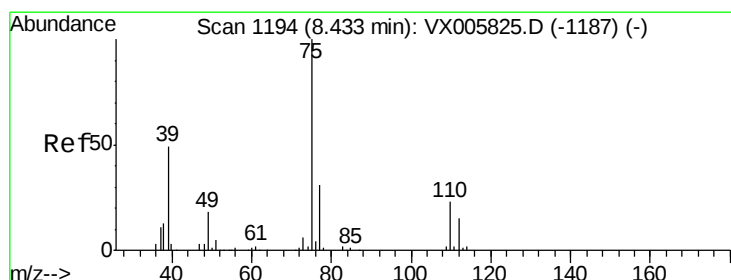
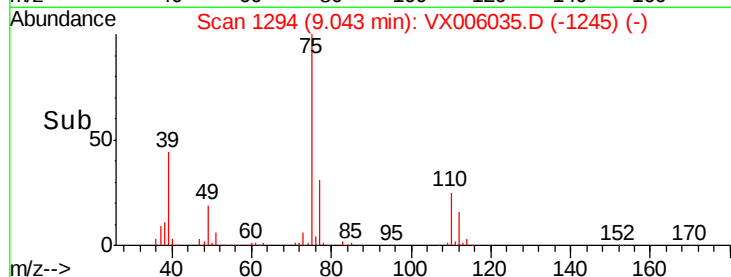
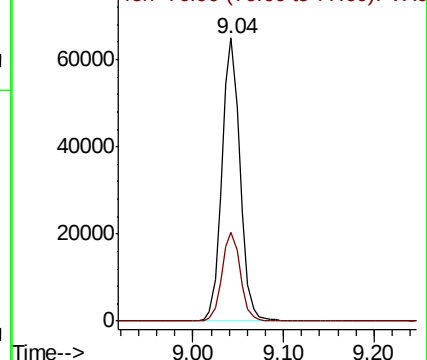
75 100

77 31.3 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 47.813 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

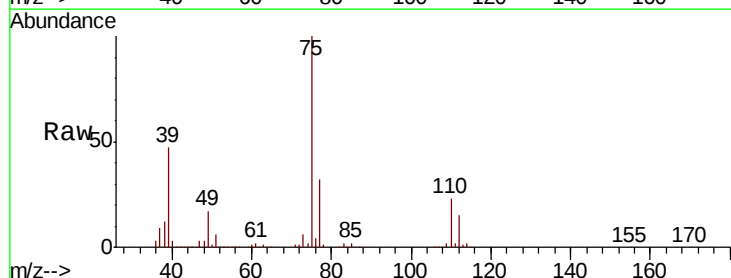
Tgt Ion: 75 Resp: 99549

Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8

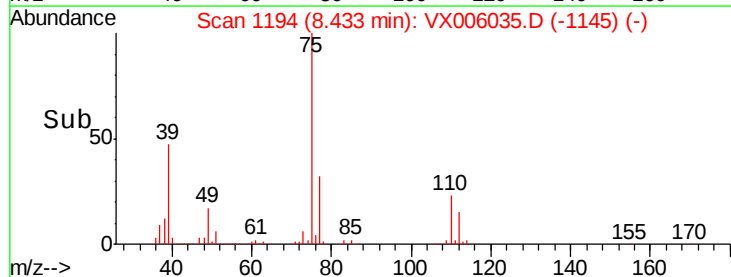
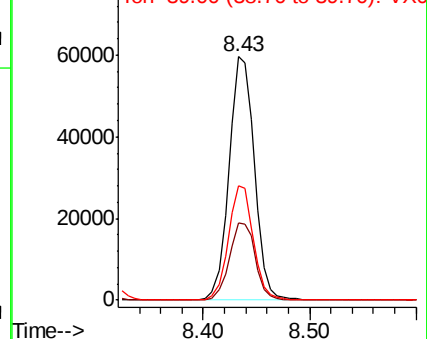
39 47.0 38.2 57.2

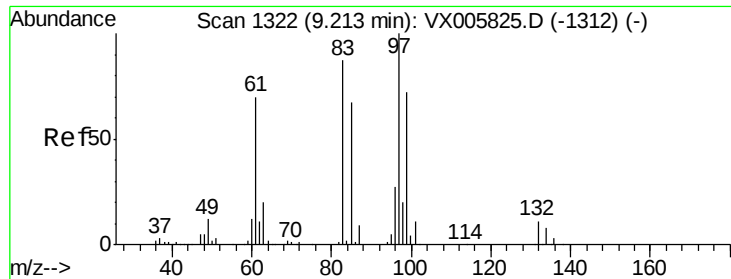


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 46.470 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 69608

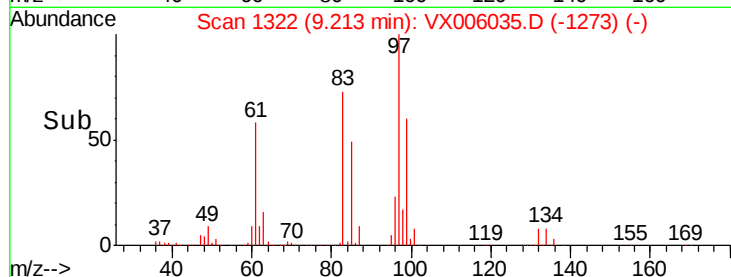
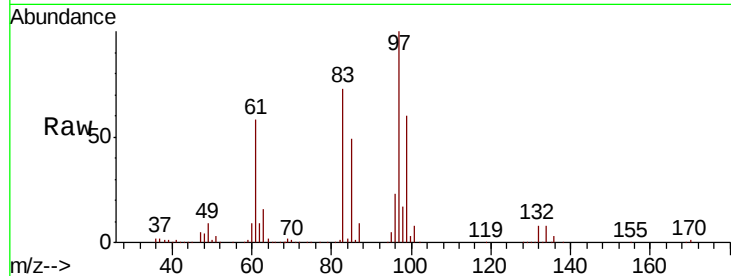
Ion	Ratio	Lower	Upper
97	100		
83	73.1	70.7	106.1
85	48.7	45.8	68.6
99	60.4	51.8	77.8

97 100

83 73.1 70.7 106.1

85 48.7 45.8 68.6

99 60.4 51.8 77.8

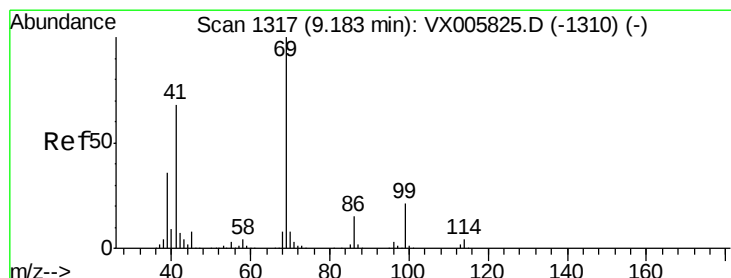
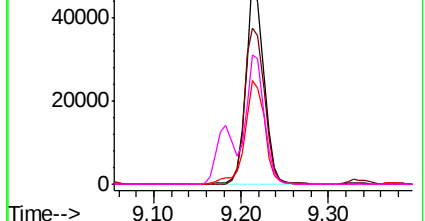


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 50.005 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

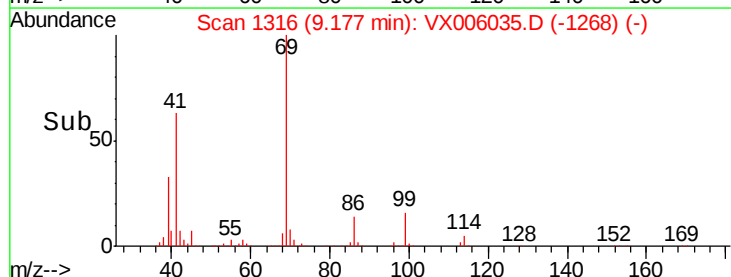
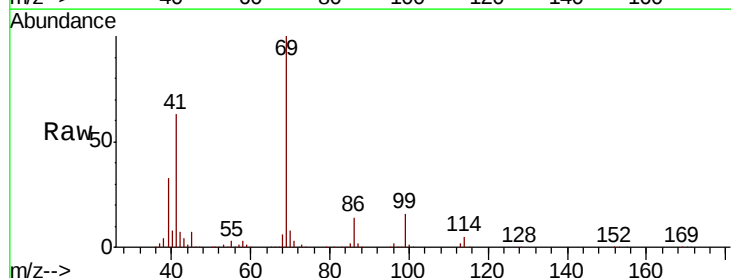
Tgt Ion: 69 Resp: 112075

Ion	Ratio	Lower	Upper
69	100		
41	67.4	57.0	85.6
39	33.6	28.3	42.5

69 100

41 67.4 57.0 85.6

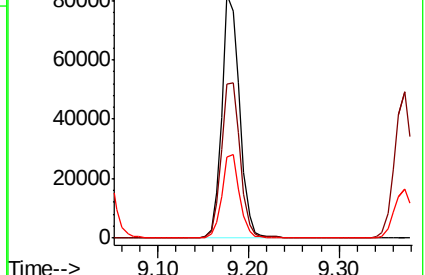
39 33.6 28.3 42.5

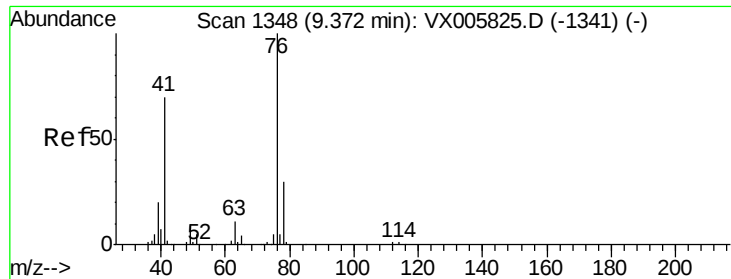


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 47.158 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

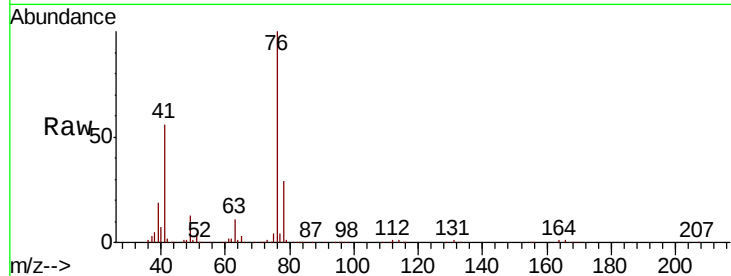
VSTDCCC050EC

Tot Ion: 76 Resp: 118708

Ion Ratio Lower Upper

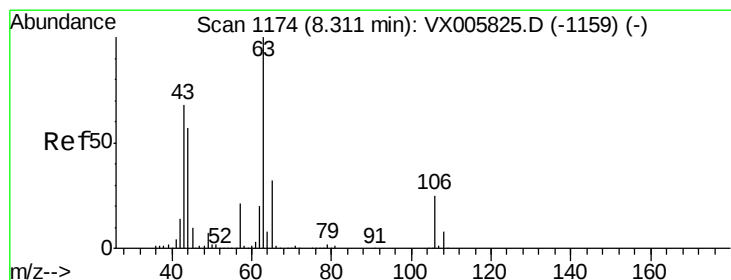
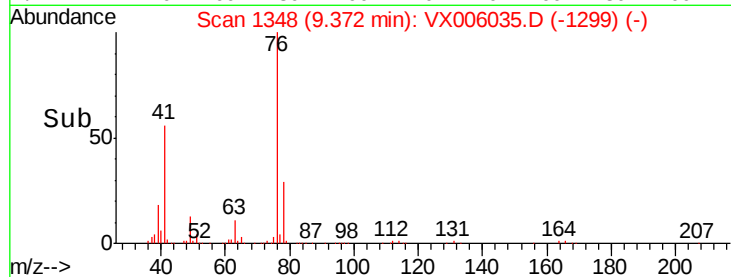
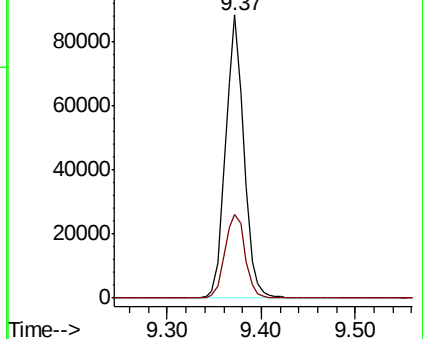
76 100

78 32.5 25.3 37.9



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: 234.265 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX006035.D

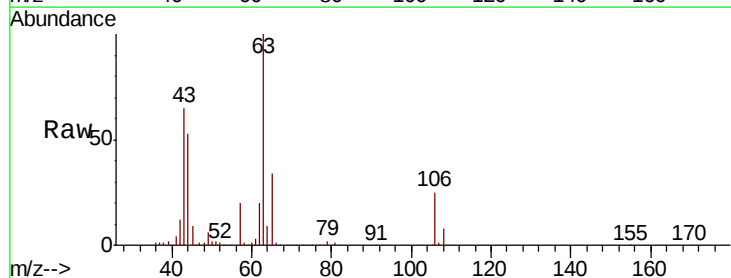
Acq: 15 Nov 2018 21:59

Tgt Ion: 63 Resp: 285444

Ion Ratio Lower Upper

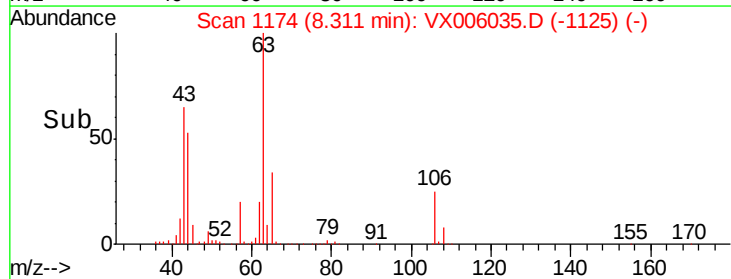
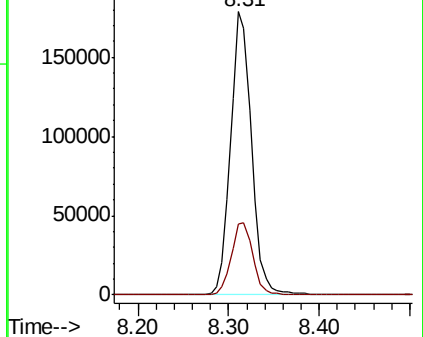
63 100

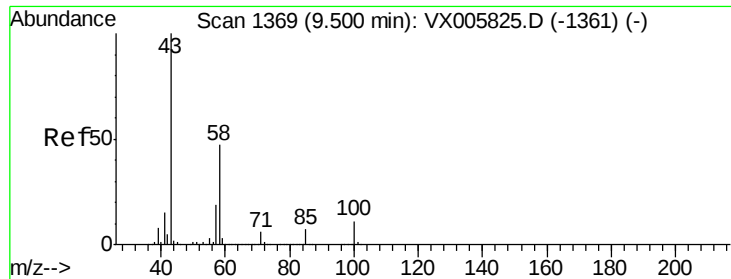
106 26.4 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

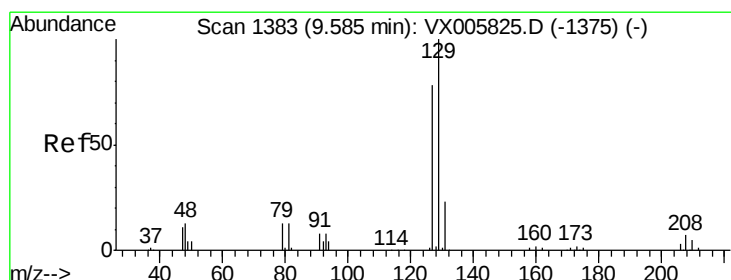
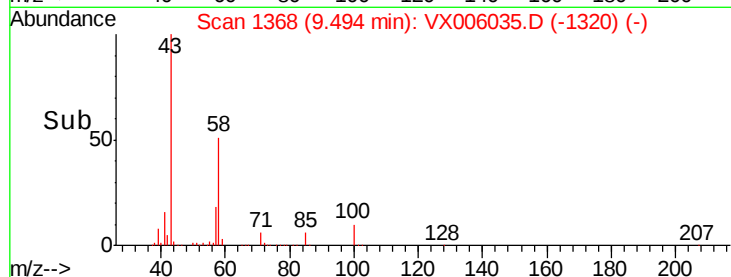
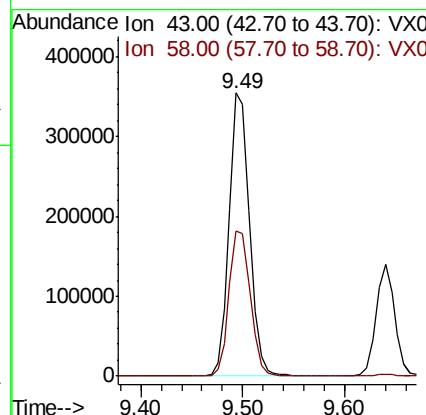
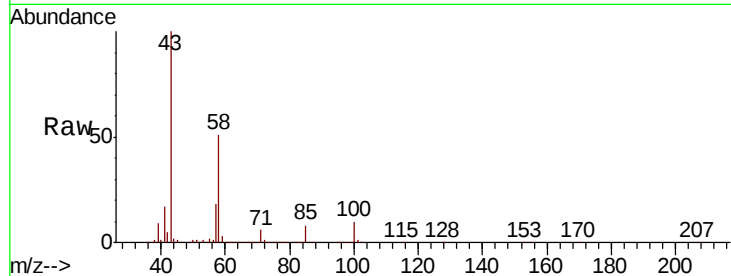




#59
2-Hexanone
Concen: 224.739 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

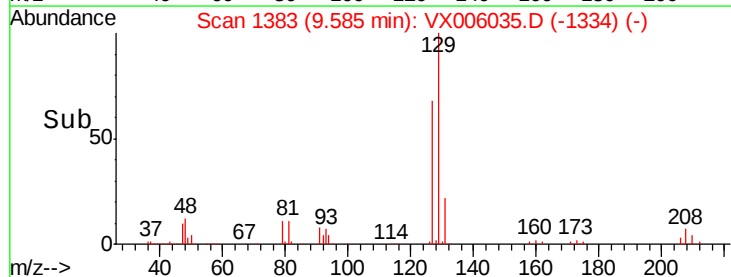
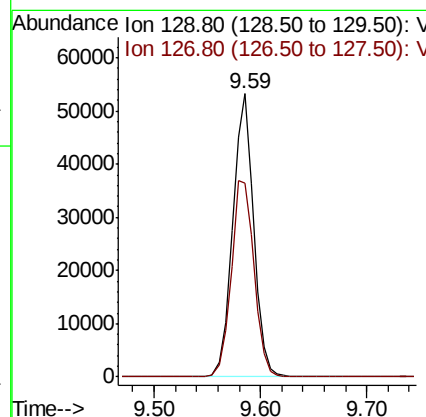
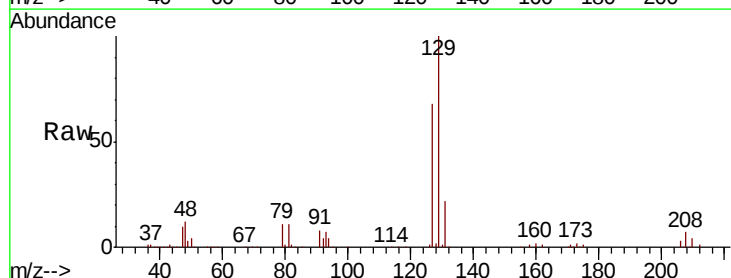
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

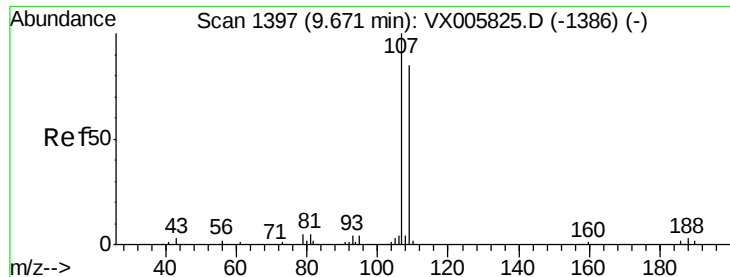
Tot Ion: 43 Resp: 490753
Ion Ratio Lower Upper
43 100
58 53.9 25.9 77.8



#60
Dibromochloromethane
Concen: 45.264 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Tgt Ion: 129 Resp: 73277
Ion Ratio Lower Upper
129 100
127 75.3 38.9 116.7





#61

1,2-Dibromoethane

Concen: 45.158 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

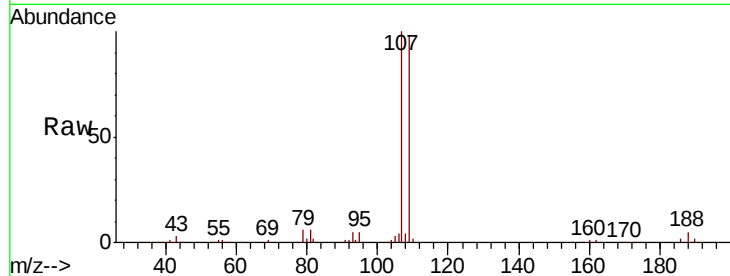
VSTDCCC050EC

Tot Ion:107 Resp: 74797

Ion Ratio Lower Upper

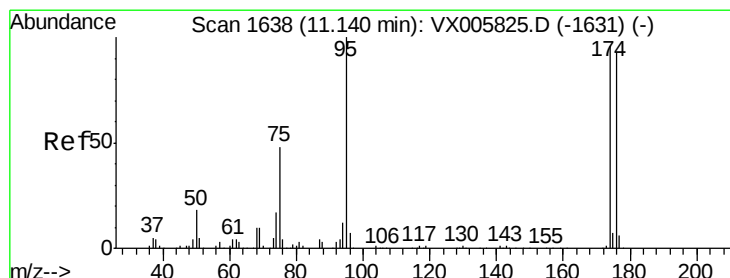
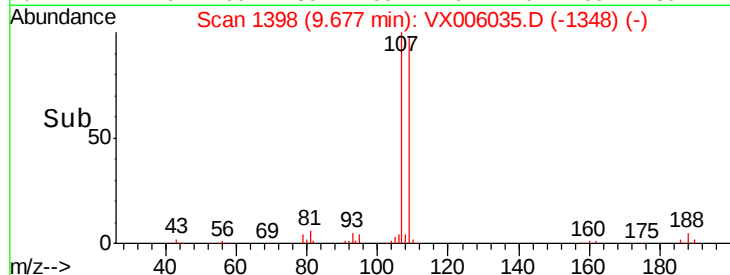
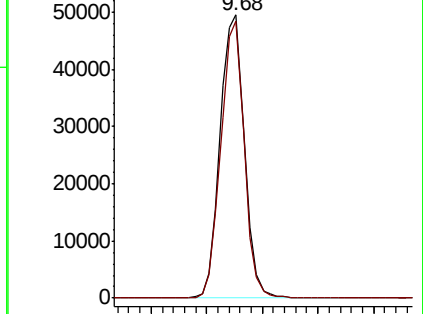
107 100

109 93.4 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.133 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

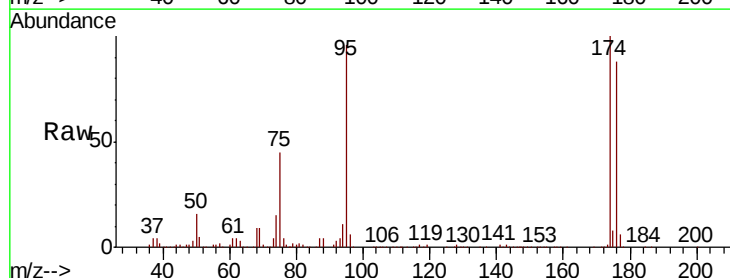
Tgt Ion: 95 Resp: 85475

Ion Ratio Lower Upper

95 100

174 94.2 0.0 184.4

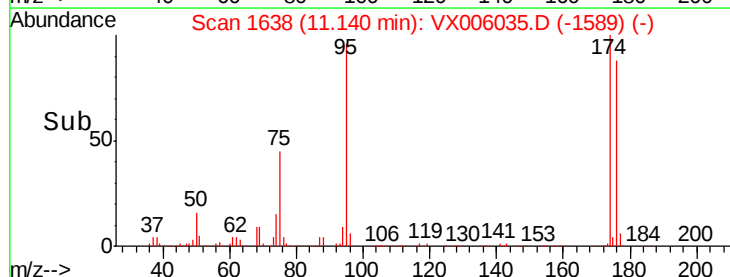
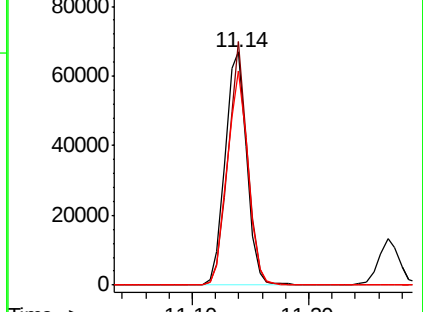
176 89.9 0.0 177.4

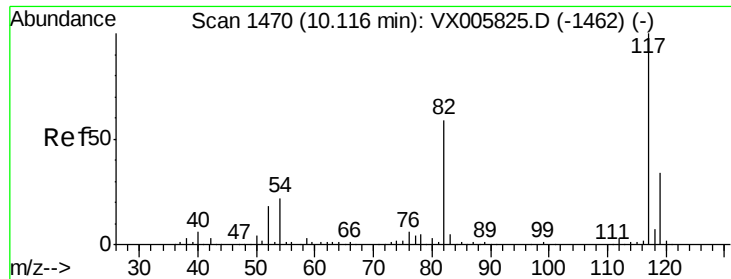


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

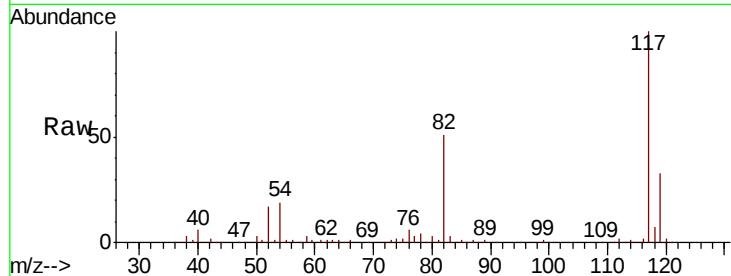




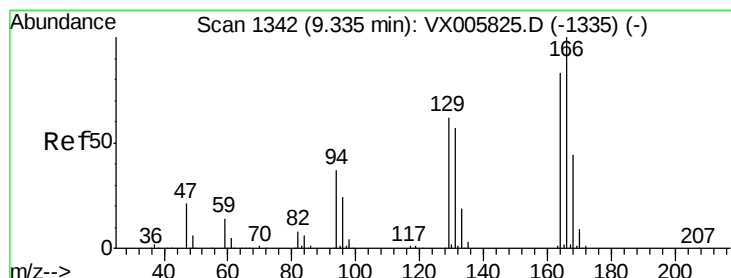
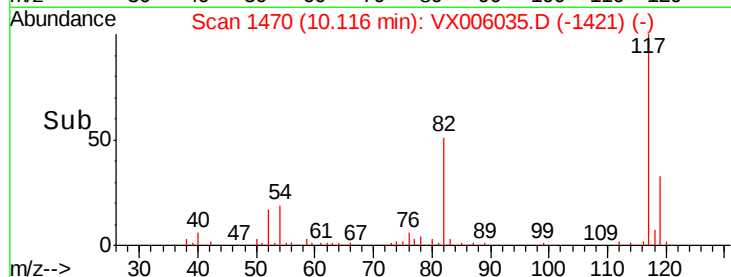
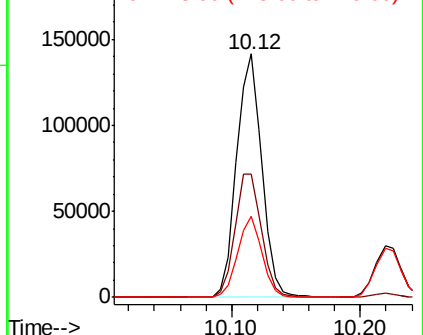
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 192204
Ion Ratio Lower Upper
117 100
82 50.7 44.1 66.1
119 33.5 26.2 39.2

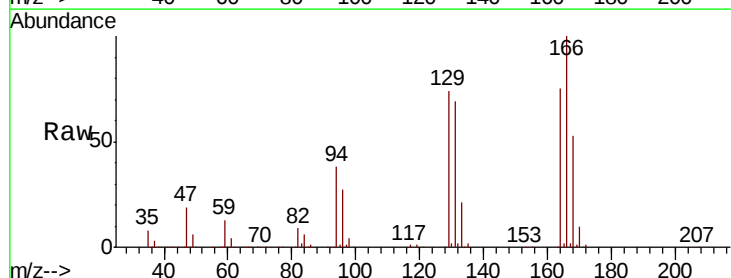


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

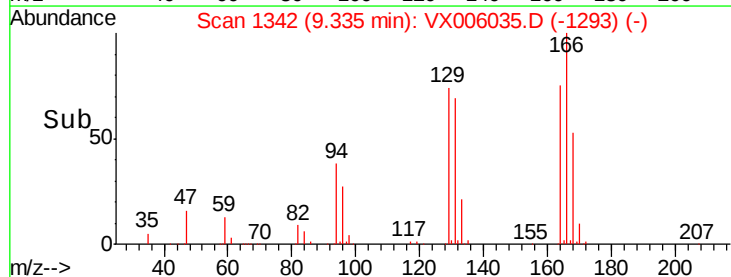
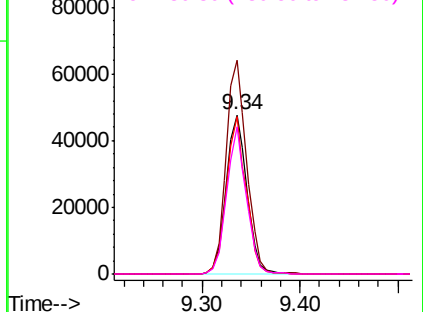


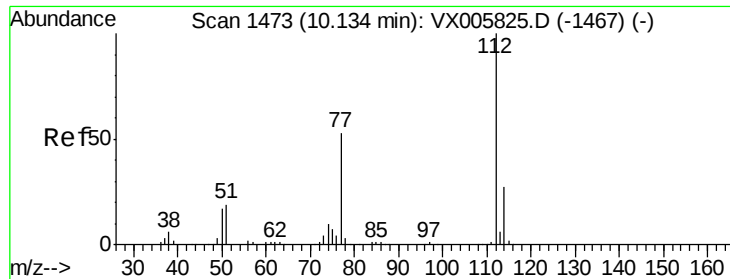
#64
Tetrachloroethene
Concen: 42.982 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Tgt Ion:164 Resp: 70336
Ion Ratio Lower Upper
164 100
166 134.1 101.9 152.9
129 98.8 72.6 109.0
131 92.3 71.1 106.7



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





#65

Chlorobenzene

Concen: 44.963 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

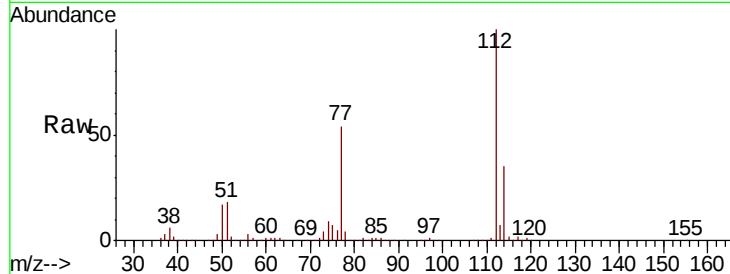
VSTDCCC050EC

Tot Ion:112 Resp: 173130

Ion Ratio Lower Upper

112 100

114 34.9 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

150000

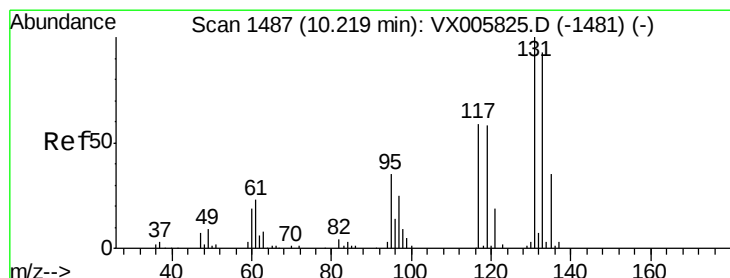
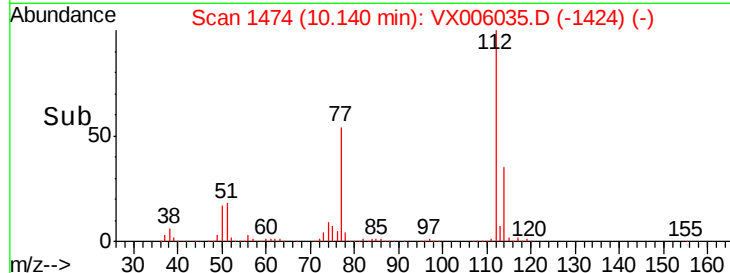
100000

50000

0

Time-->

10.10 10.20 10.30



#66

1,1,1,2-Tetrachloroethane

Concen: 45.815 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

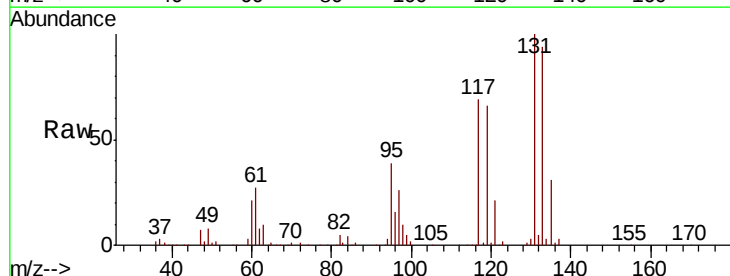
Tgt Ion:131 Resp: 61330

Ion Ratio Lower Upper

131 100

133 95.6 47.5 142.5

119 66.0 31.8 95.3



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

60000

50000

40000

30000

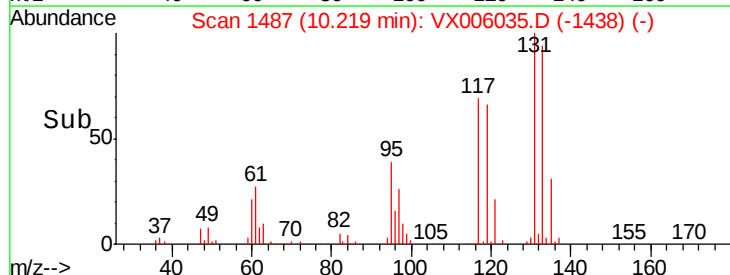
20000

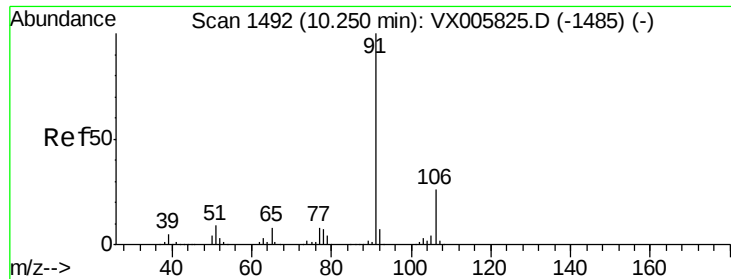
10000

0

Time-->

10.20 10.30





#67

Ethyl Benzene

Concen: 47.738 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

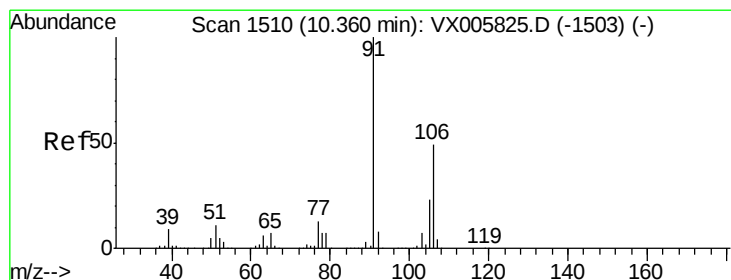
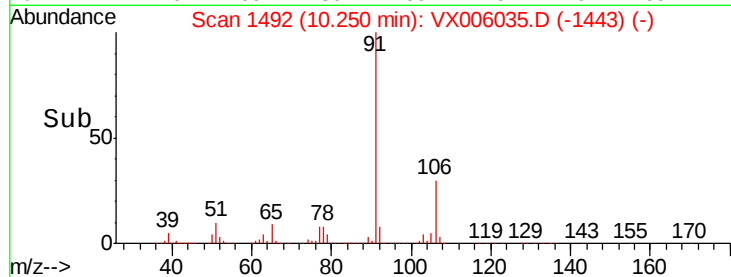
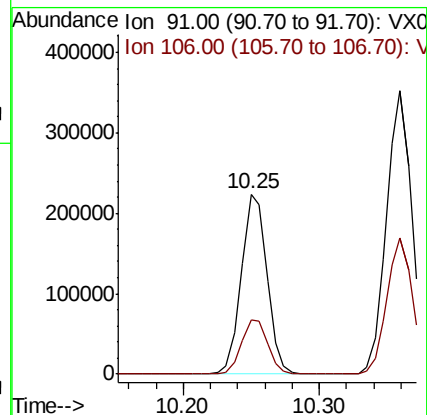
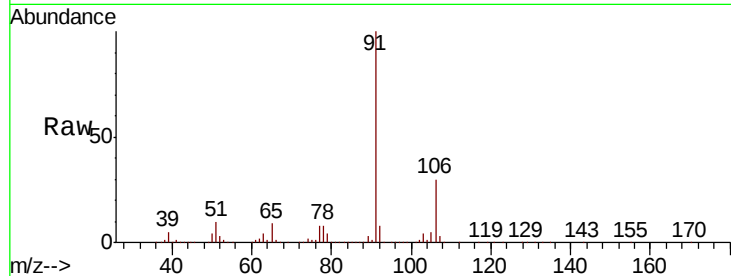
VSTDCCC050EC

Tot Ion: 91 Resp: 294750

Ion Ratio Lower Upper

91 100

106 30.3 24.4 36.6



#68

m/p-Xylenes

Concen: 94.833 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006035.D

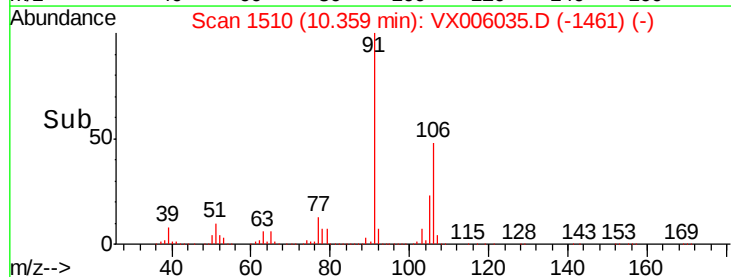
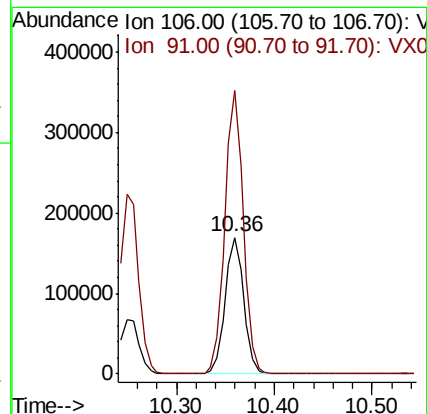
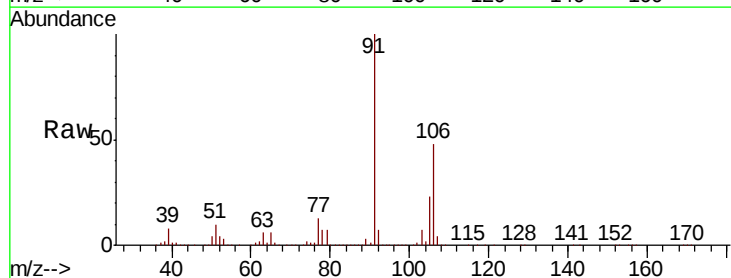
Acq: 15 Nov 2018 21:59

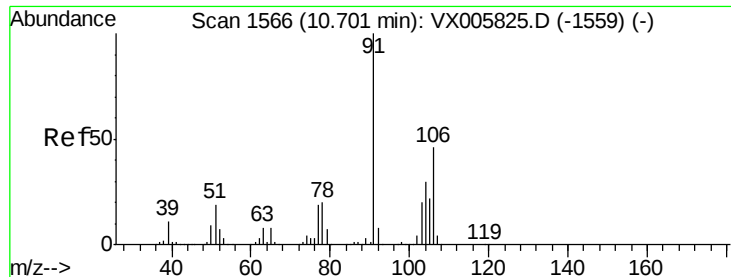
Tgt Ion: 106 Resp: 223342

Ion Ratio Lower Upper

106 100

91 205.9 164.2 246.4

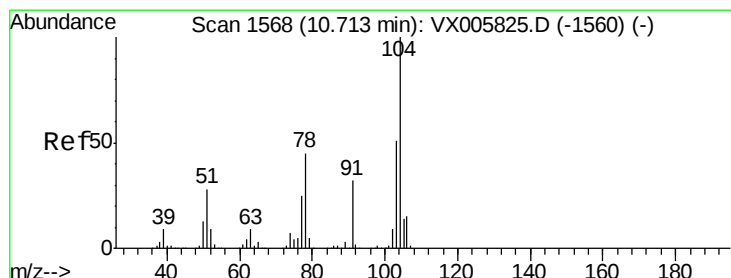
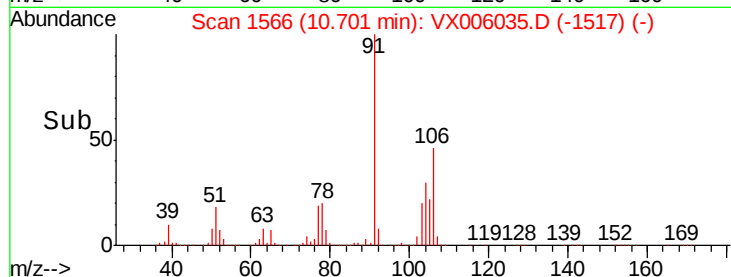
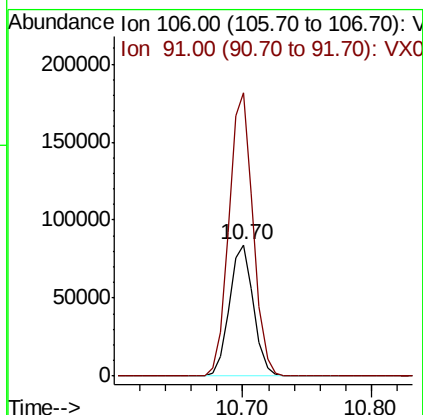
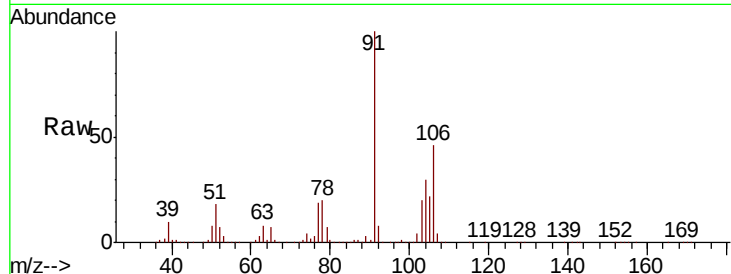




#69
o-Xylene
Concen: 52.082 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

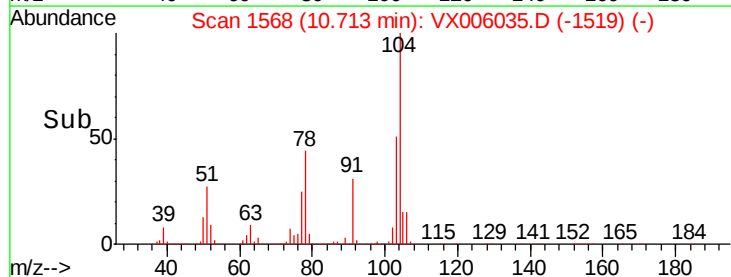
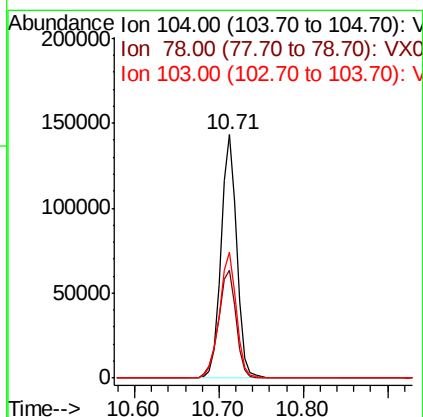
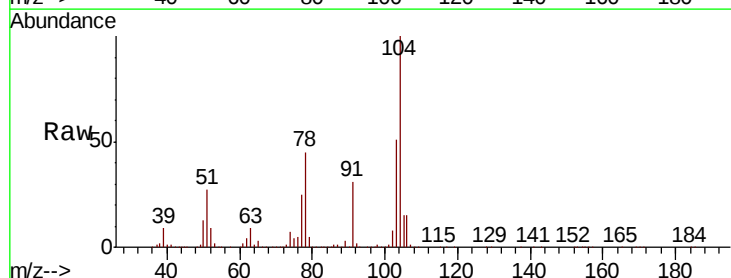
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

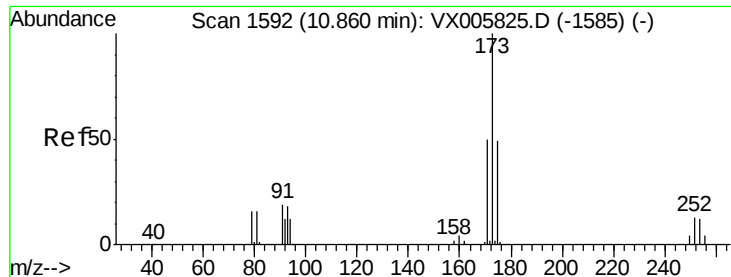
Tot Ion:106 Resp: 109989
Ion Ratio Lower Upper
106 100
91 216.2 108.5 325.5



#70
Styrene
Concen: 53.105 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Tgt Ion:104 Resp: 185005
Ion Ratio Lower Upper
104 100
78 50.3 40.2 60.4
103 55.8 44.9 67.3





#71

Bromoform

Concen: 47.793 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

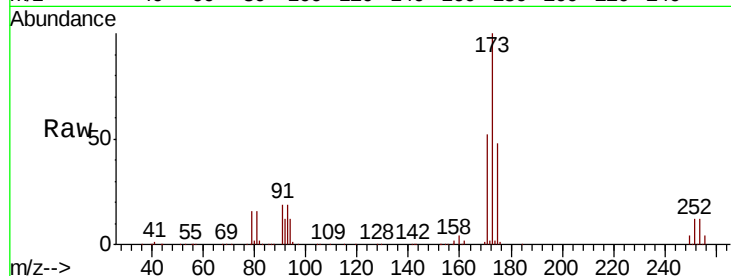
Tot Ion:173 Resp: 53632

Ion Ratio Lower Upper

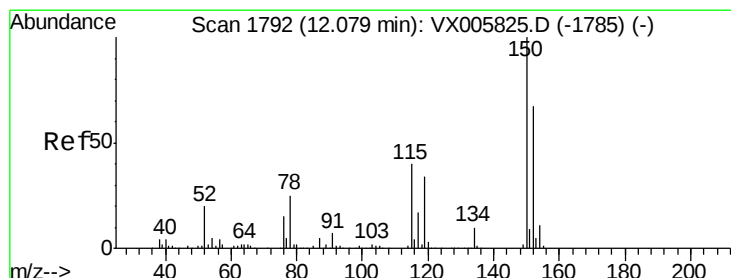
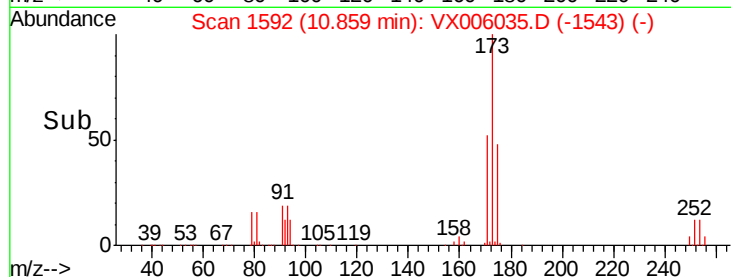
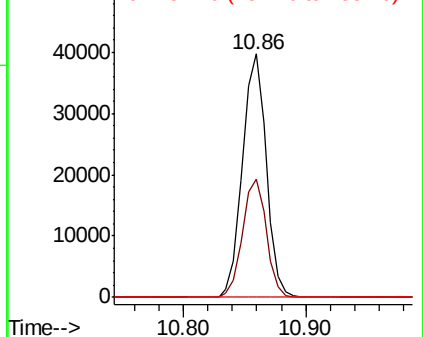
173 100

175 48.4 24.8 74.3

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

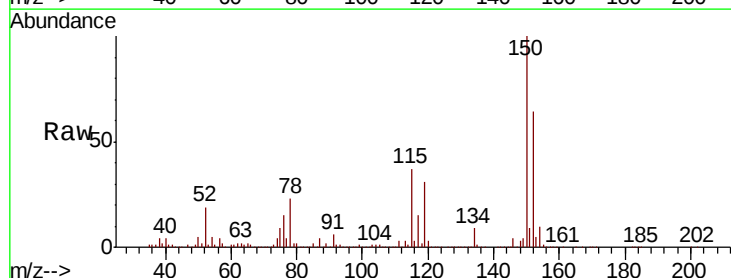
Tgt Ion:152 Resp: 131816

Ion Ratio Lower Upper

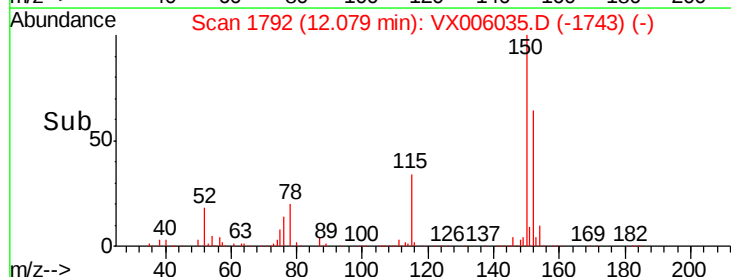
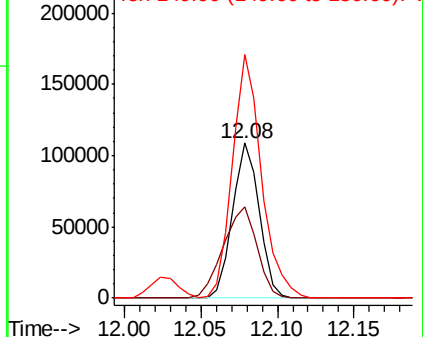
152 100

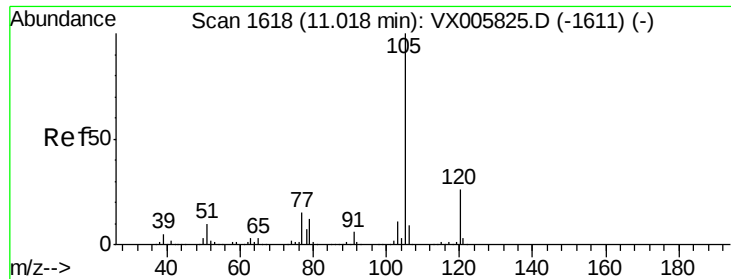
115 74.0 39.4 118.1

150 170.7 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: 39.395 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

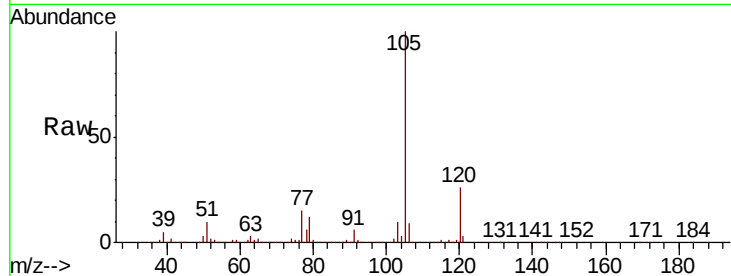
VSTDCCC050EC

Tot Ion:105 Resp: 300298

Ion Ratio Lower Upper

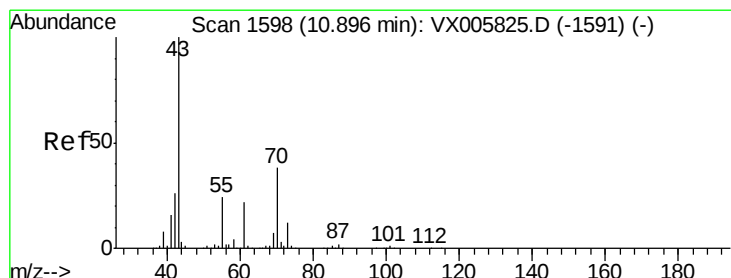
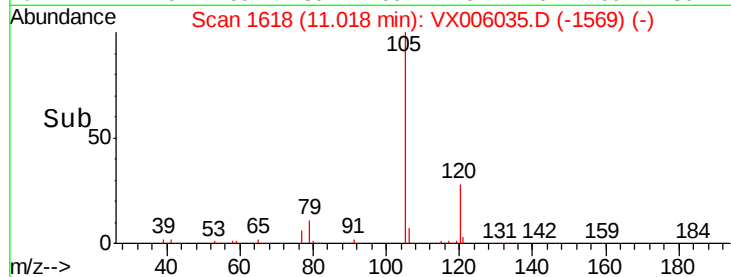
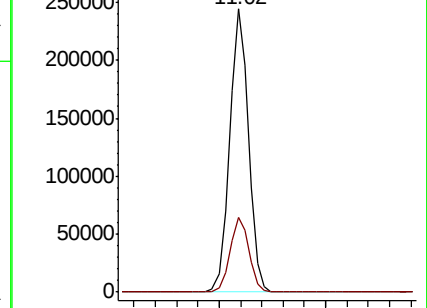
105 100

120 26.6 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 36.543 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Tgt Ion: 43 Resp: 154820

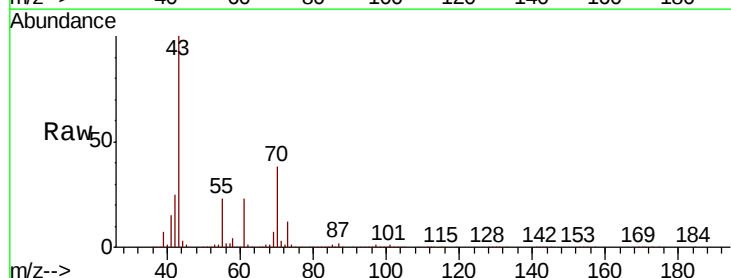
Ion Ratio Lower Upper

43 100

70 40.3 31.6 47.4

55 23.8 19.7 29.5

61 23.7 18.3 27.5

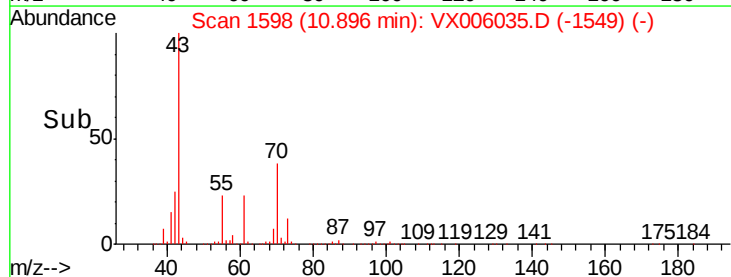
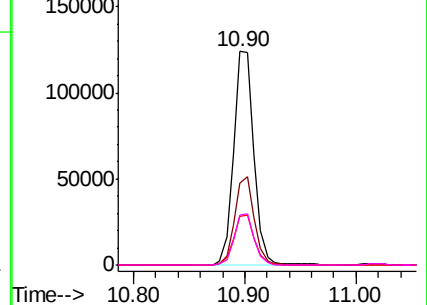


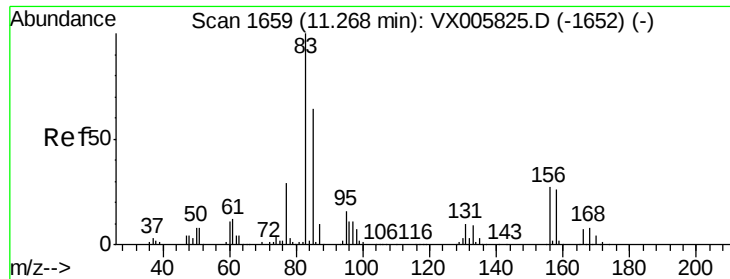
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

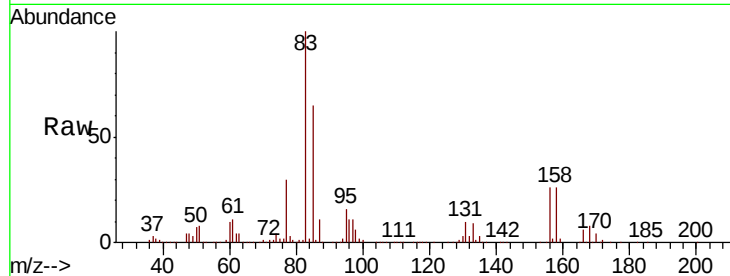




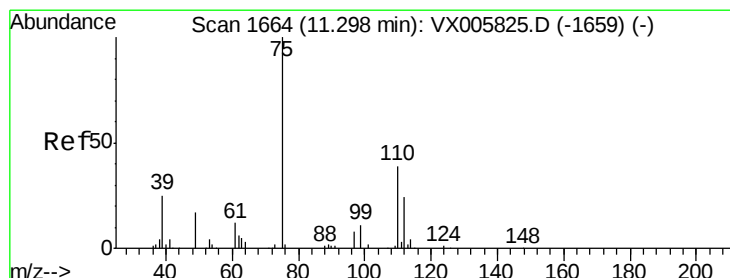
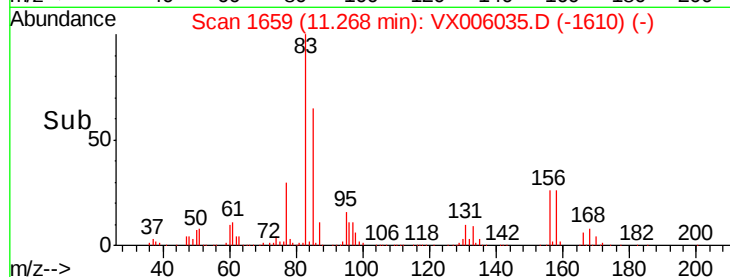
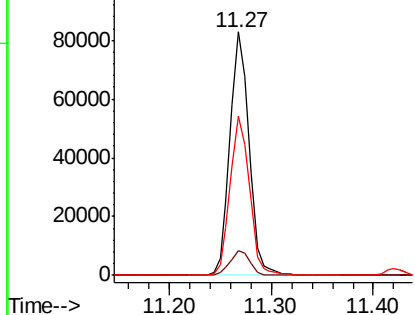
#75
 1,1,2,2-Tetrachloroethane
 Concen: 38.112 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 83 Resp: 106634
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.3 15.9
 85 66.4 32.0 96.2

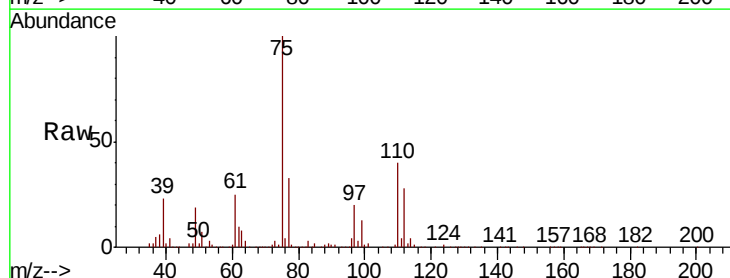


Abundance Ion 82.90 (82.60 to 83.60): VX0
 Ion 130.80 (130.50 to 131.50): V
 Ion 84.90 (84.60 to 85.60): VX0

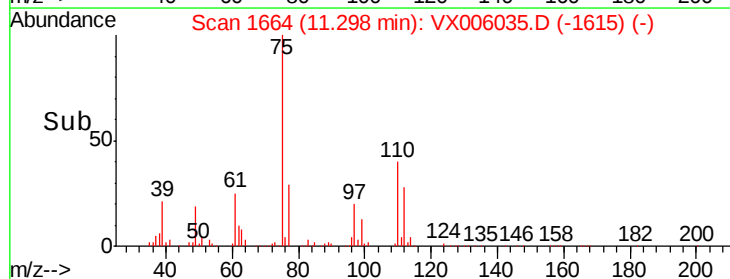
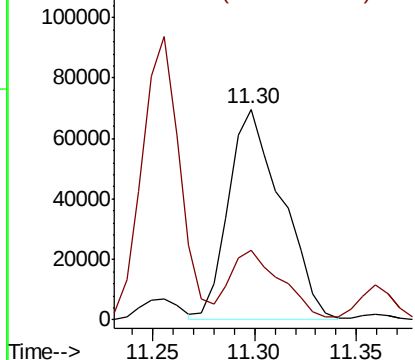


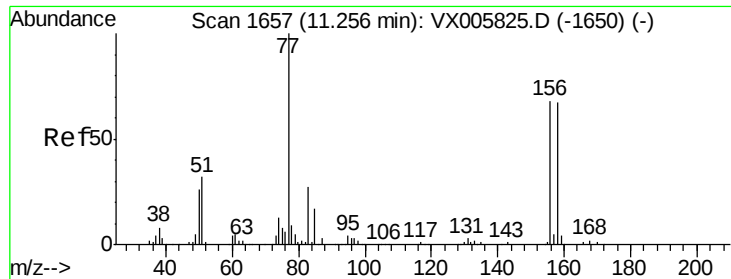
#76
 1,2,3-Trichloropropane
 Concen: 47.284 ug/l
 RT: 11.30 min Scan# 1664
 Delta R.T. -0.00 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

Tgt Ion: 75 Resp: 126912
 Ion Ratio Lower Upper
 75 100
 77 31.2 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 38.186 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

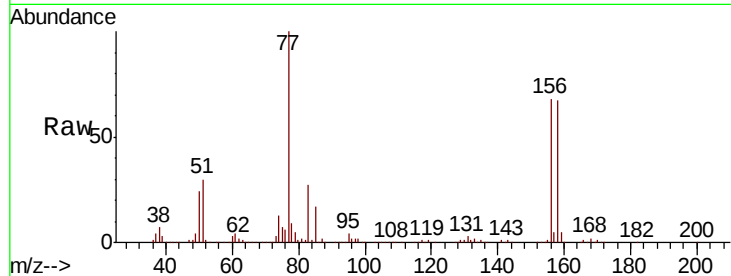
Tot Ion:156 Resp: 82045

Ion Ratio Lower Upper

156 100

77 147.1 74.8 224.4

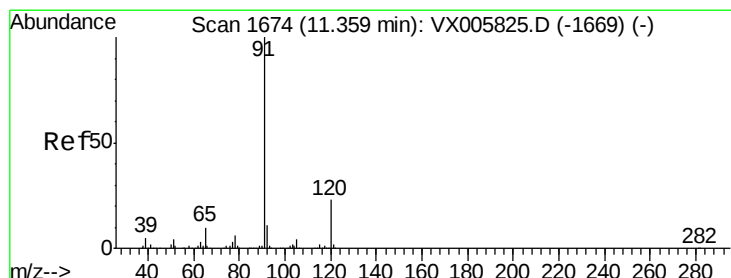
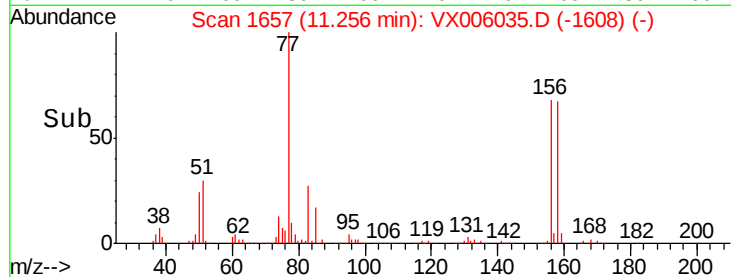
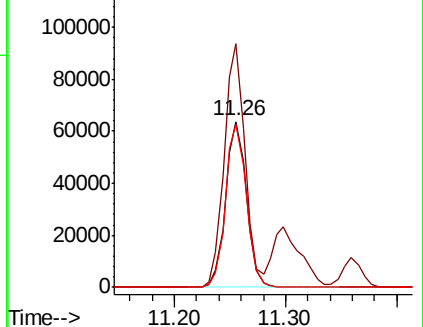
158 99.2 49.1 147.3



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: 40.612 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006035.D

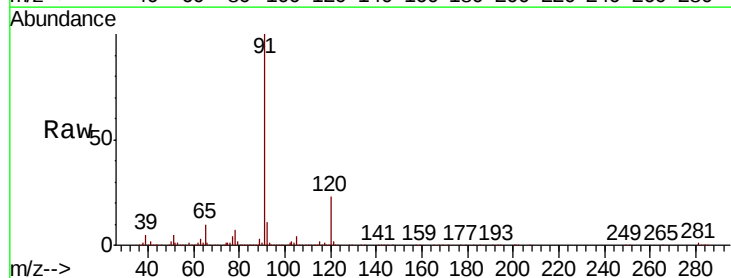
Acq: 15 Nov 2018 21:59

Tgt Ion: 91 Resp: 364847

Ion Ratio Lower Upper

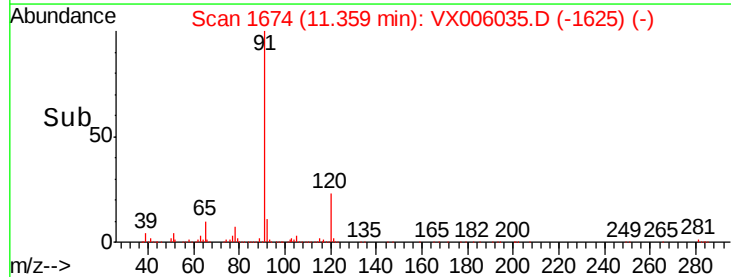
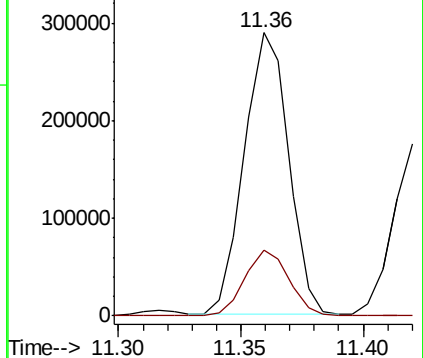
91 100

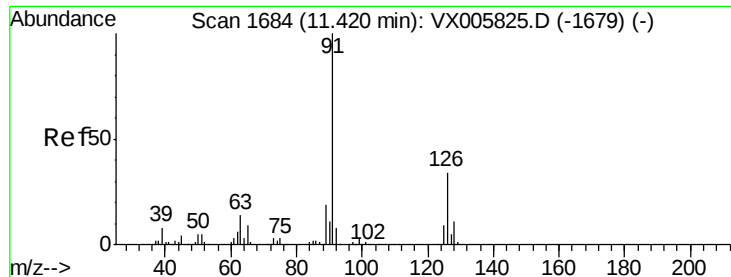
120 23.1 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 39.552 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

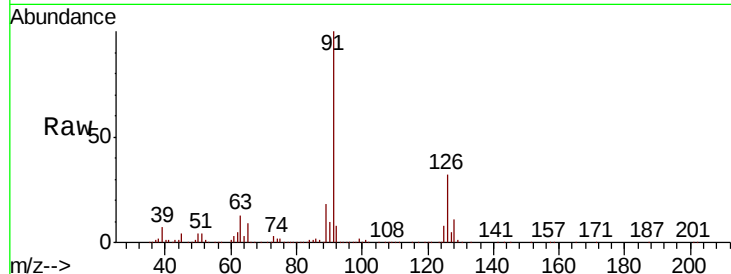
VSTDCCC050EC

Tot Ion: 91 Resp: 214769

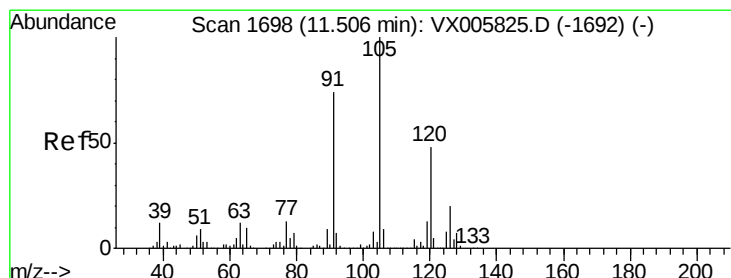
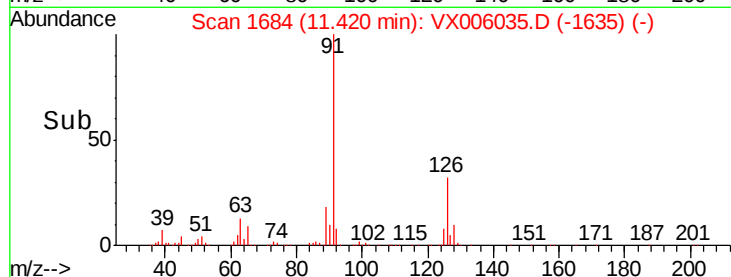
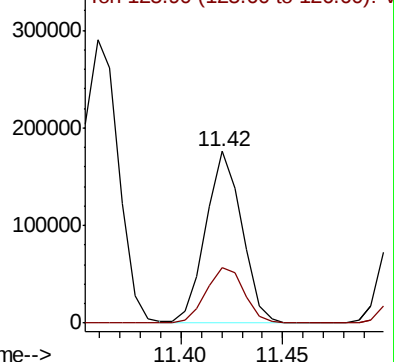
Ion Ratio Lower Upper

91 100

126 34.7 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VX005825.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 43.838 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006035.D

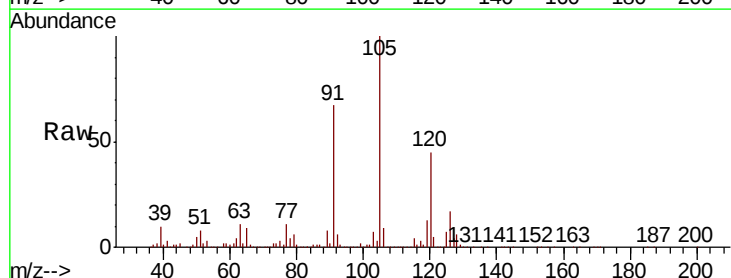
Acq: 15 Nov 2018 21:59

Tgt Ion: 105 Resp: 283974

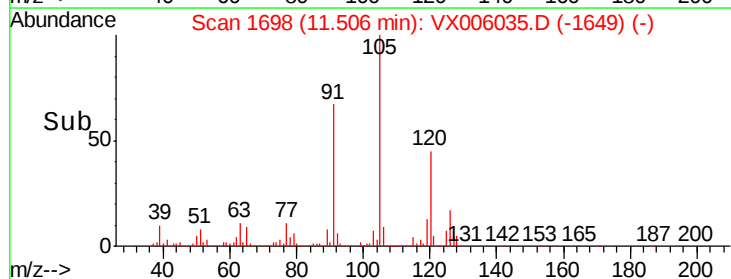
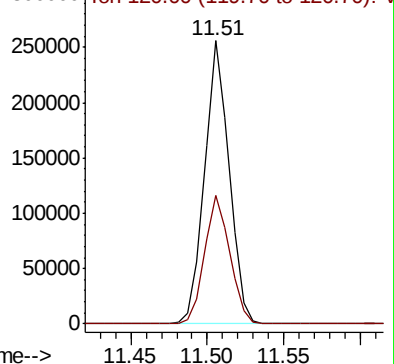
Ion Ratio Lower Upper

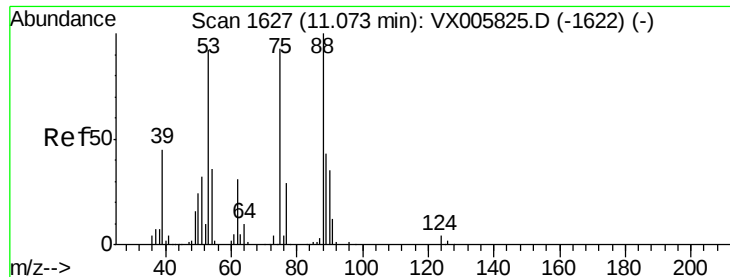
105 100

120 46.9 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VX005825.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 37.713 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

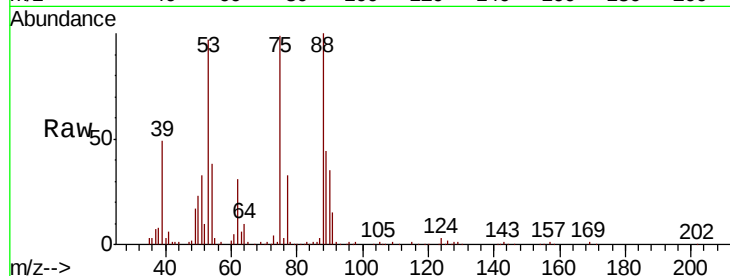
Tot Ion: 75 Resp: 31760

Ion Ratio Lower Upper

75 100

53 94.8 80.2 120.2

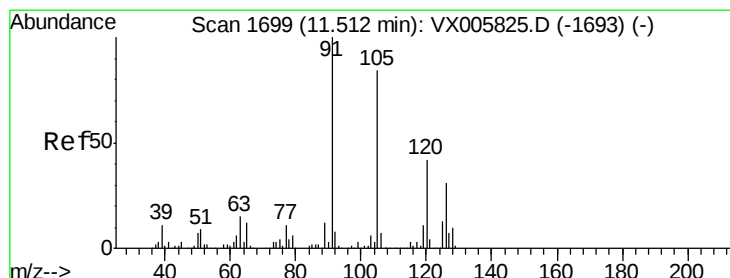
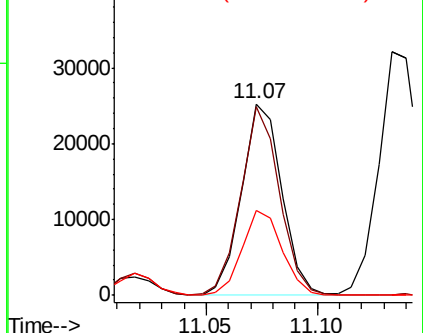
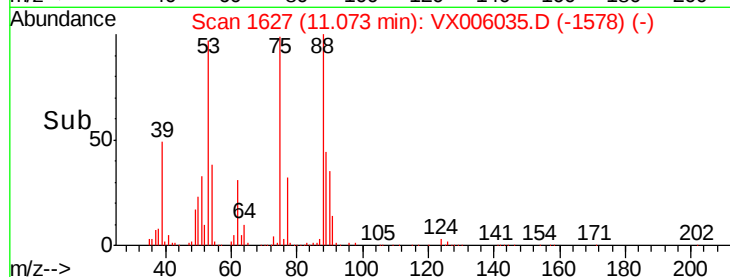
89 44.6 39.8 59.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 41.292 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX006035.D

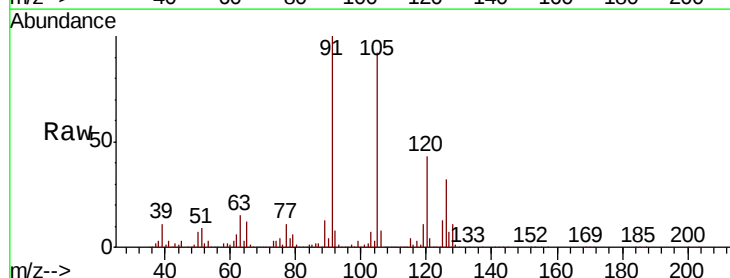
Acq: 15 Nov 2018 21:59

Tgt Ion: 91 Resp: 264249

Ion Ratio Lower Upper

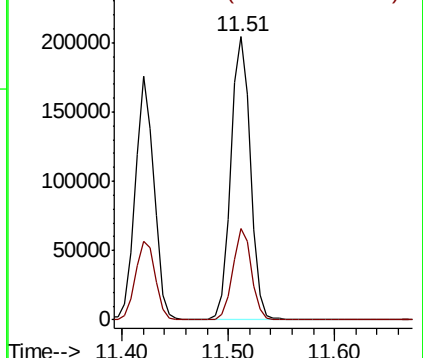
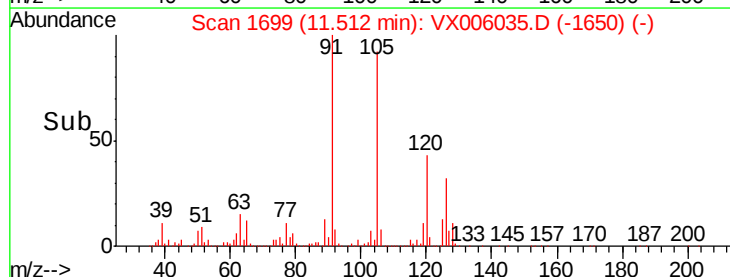
91 100

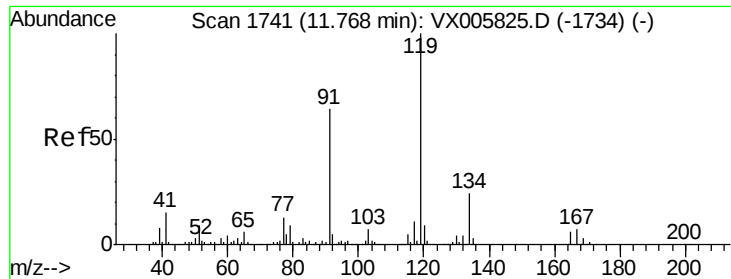
126 30.9 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

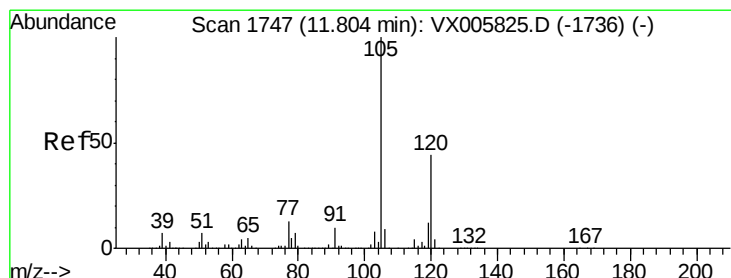
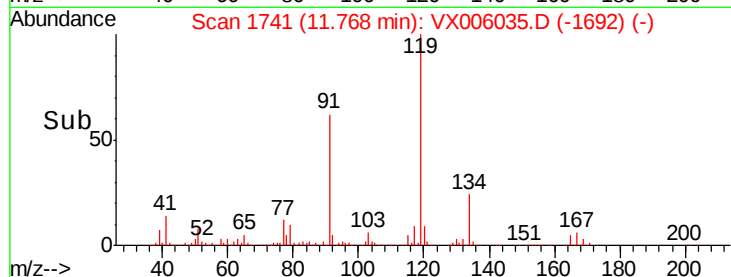
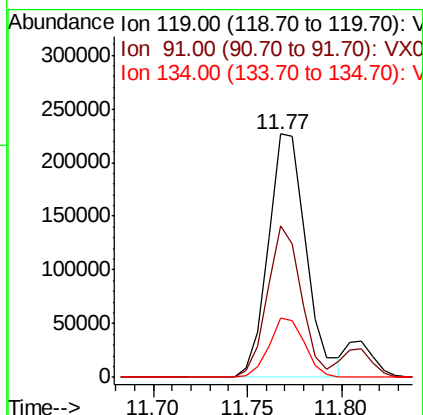
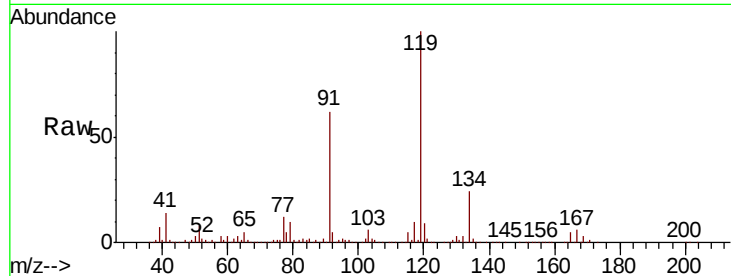




#83
tert-Butylbenzene
Concen: 48.166 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

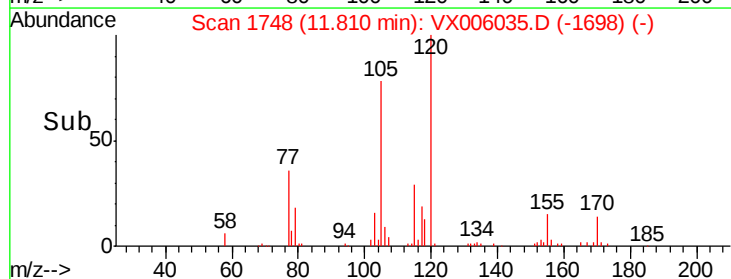
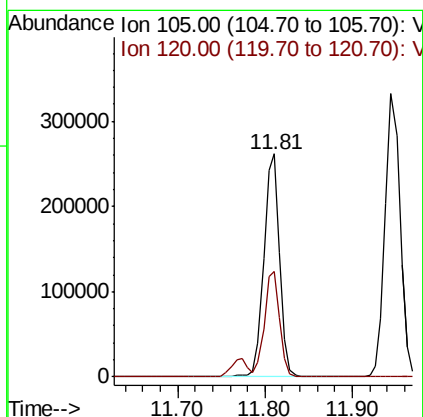
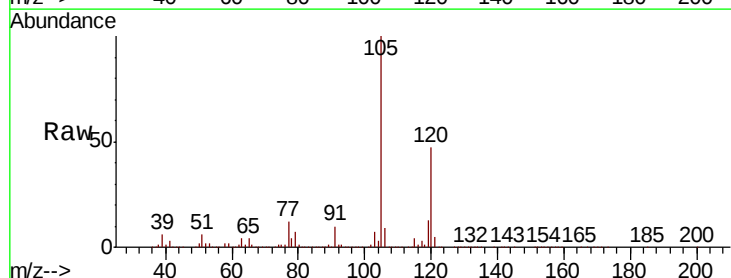
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

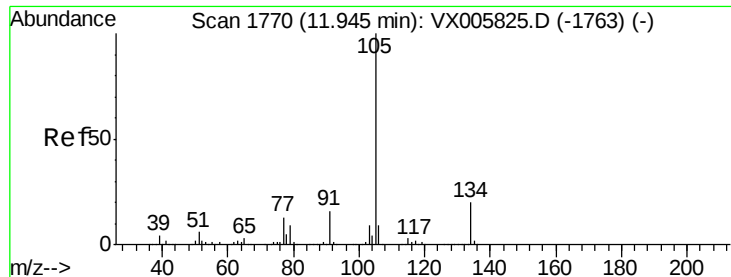
Tot Ion:119 Resp: 315650
Ion Ratio Lower Upper
119 100
91 55.7 28.5 85.5
134 22.9 11.3 33.8



#84
1,2,4-Trimethylbenzene
Concen: 45.789 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Tgt Ion:105 Resp: 327405
Ion Ratio Lower Upper
105 100
120 46.0 22.4 67.0





#85

sec-Butylbenzene

Concen: 48.985 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

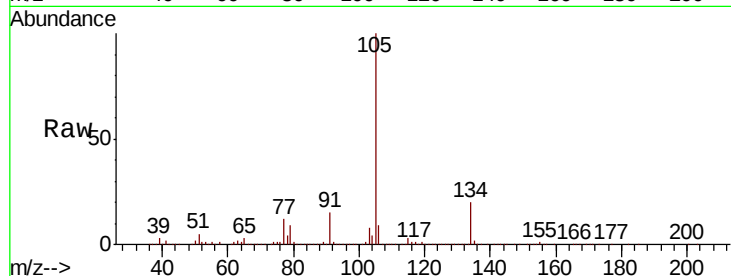
VSTDCCC050EC

Tot Ion:105 Resp: 392556

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

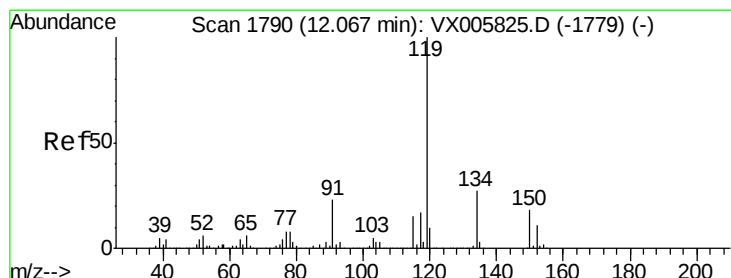
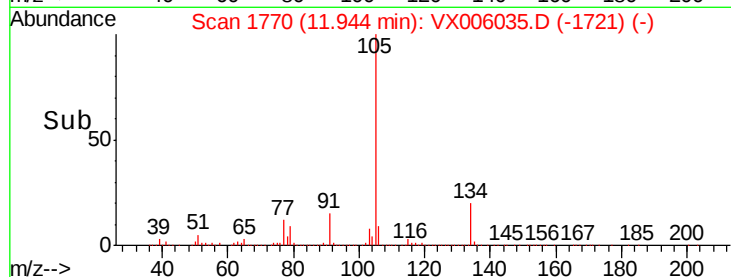
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 49.309 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

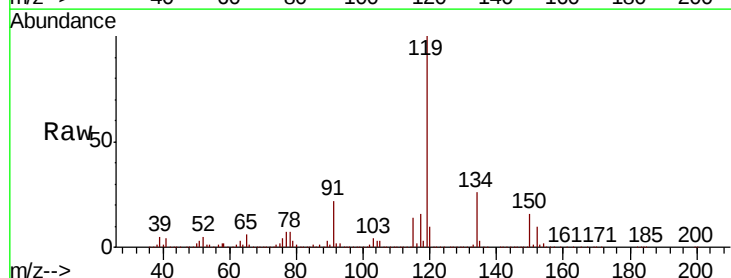
Tgt Ion:119 Resp: 350018

Ion Ratio Lower Upper

119 100

134 26.3 13.0 39.0

91 22.2 11.4 34.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.07

400000

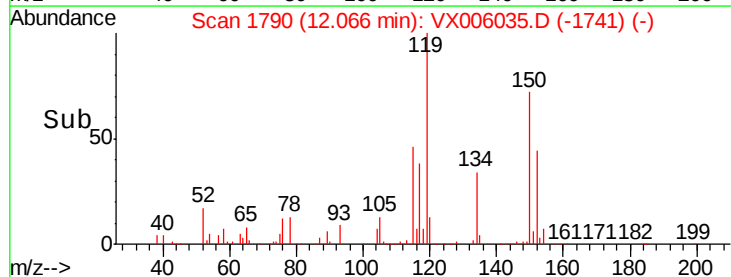
300000

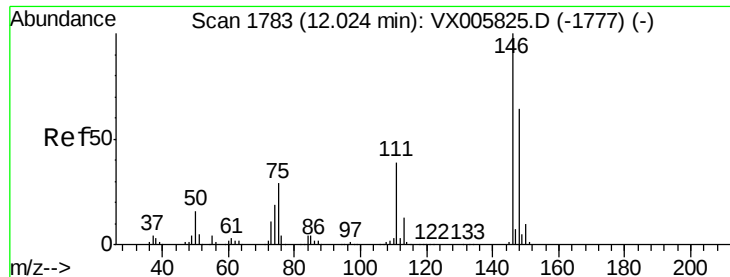
200000

100000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 45.868 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

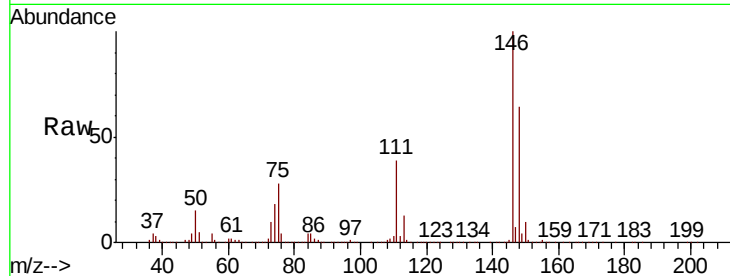
Tot Ion:146 Resp: 189131

Ion Ratio Lower Upper

146 100

111 38.2 19.0 57.0

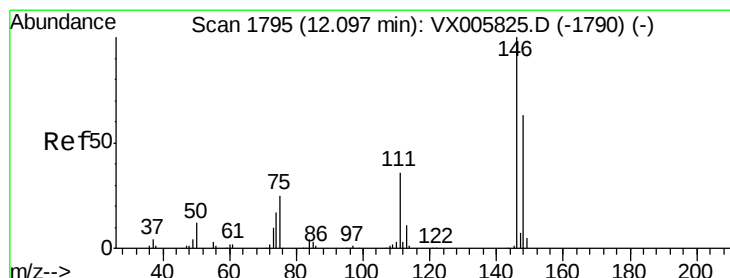
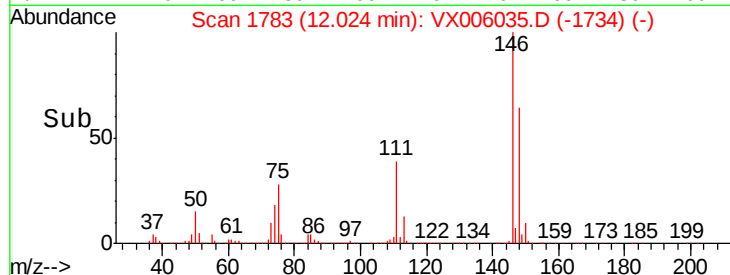
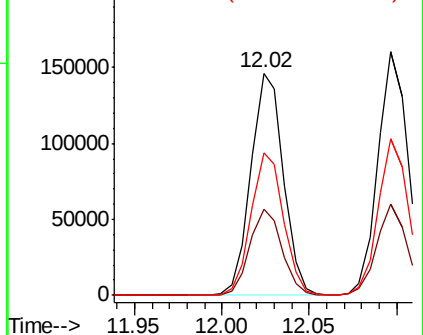
148 63.9 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 45.633 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

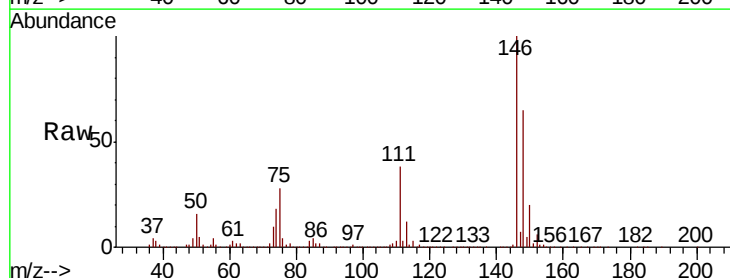
Tgt Ion:146 Resp: 192620

Ion Ratio Lower Upper

146 100

111 37.4 18.6 55.8

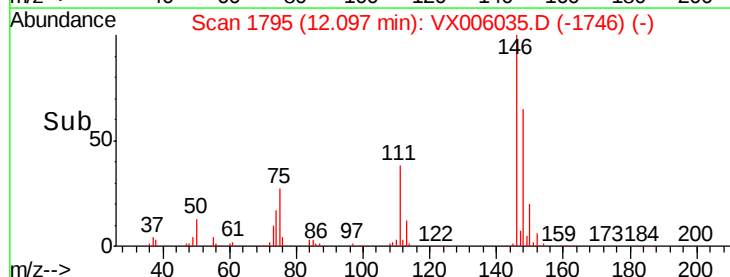
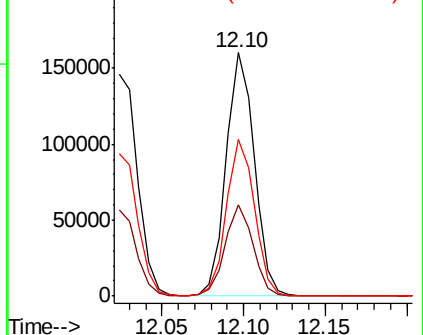
148 64.4 32.1 96.3

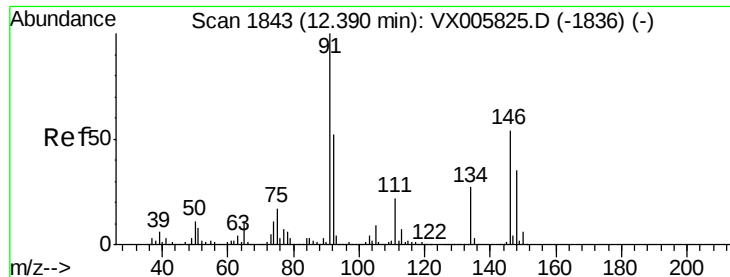


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

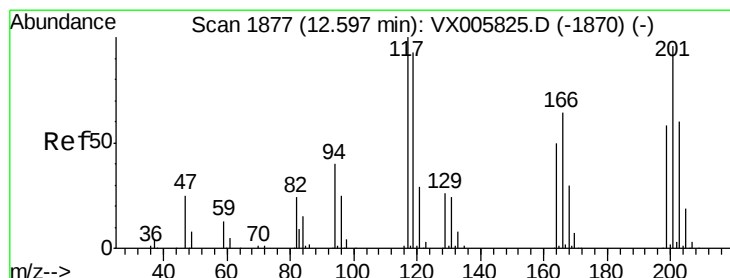
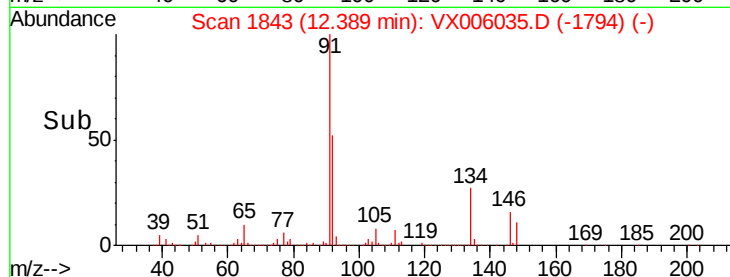
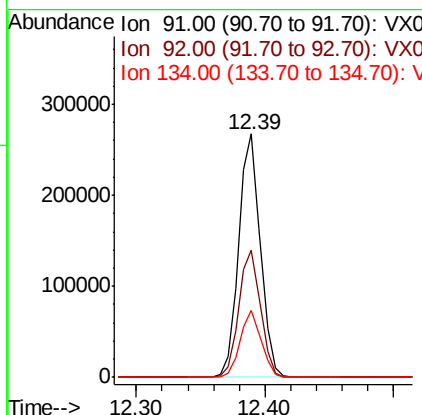
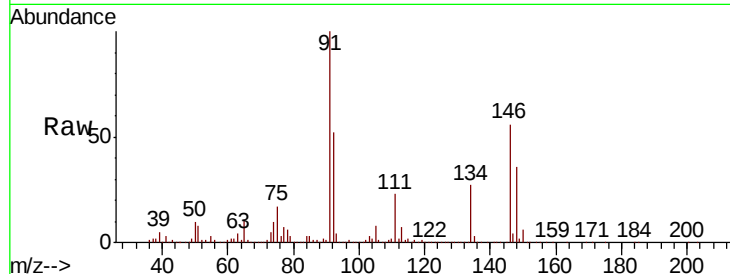




#89
n-Butylbenzene
Concen: 47.201 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

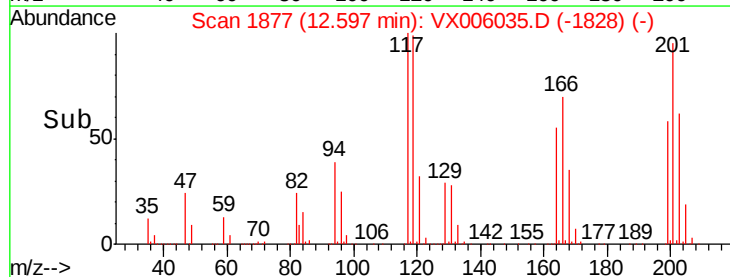
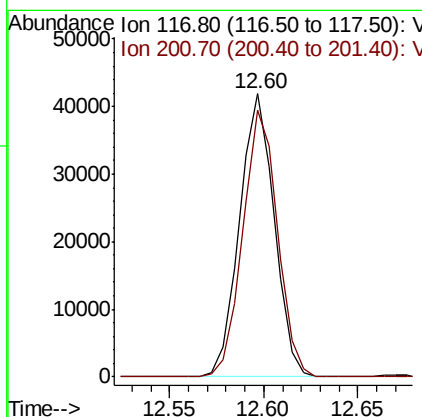
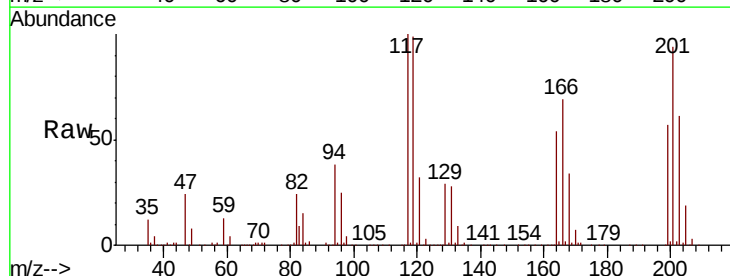
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

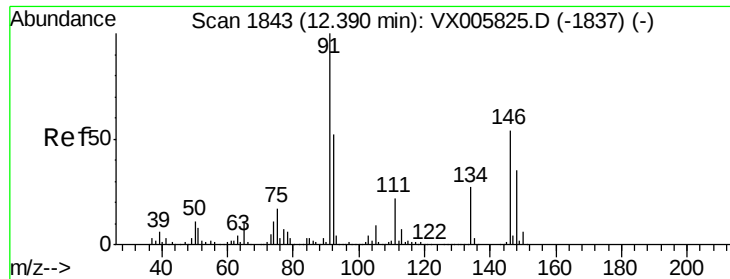
Tot Ion: 91 Resp: 310533
Ion Ratio Lower Upper
91 100
92 52.6 26.1 78.2
134 26.7 13.1 39.3



#90
Hexachloroethane
Concen: 45.145 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Tgt Ion: 117 Resp: 53503
Ion Ratio Lower Upper
117 100
201 94.1 47.9 143.6

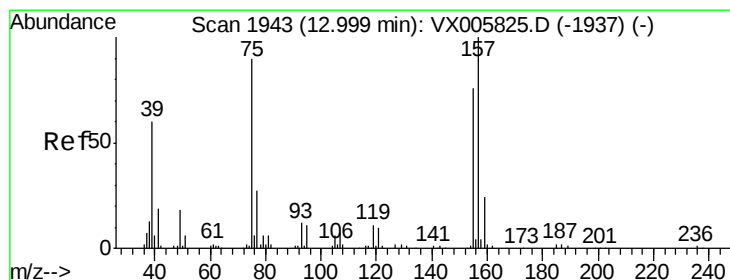
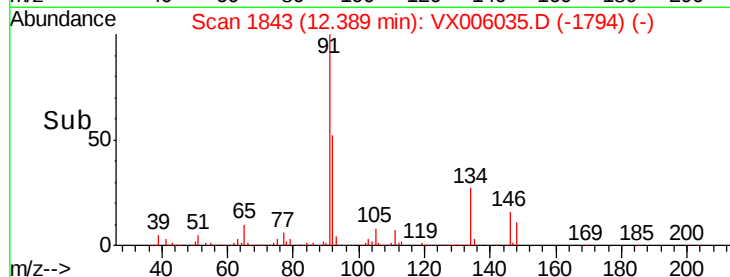
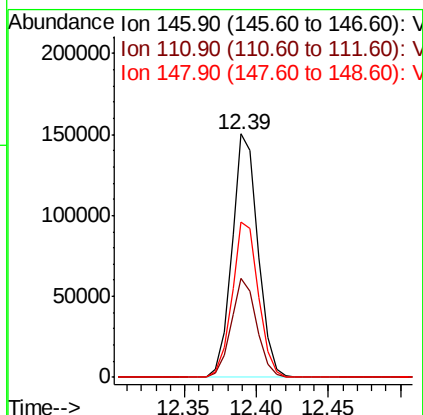
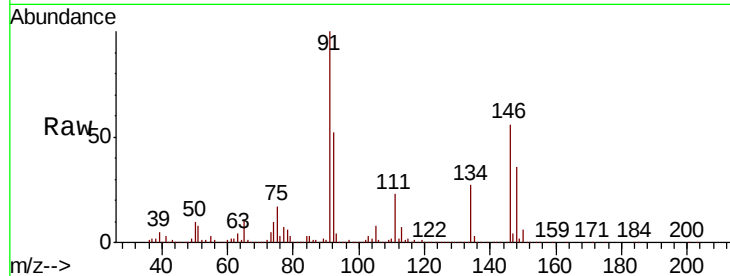




#91
 1,2-Dichlorobenzene
 Concen: 45.866 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

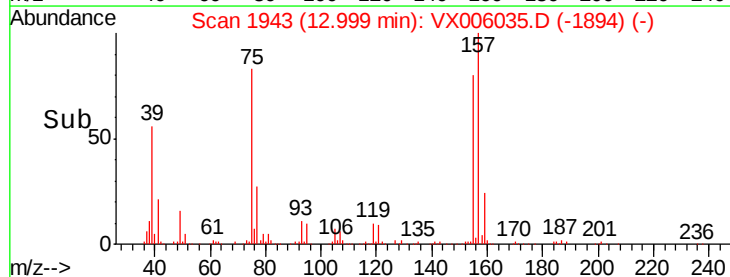
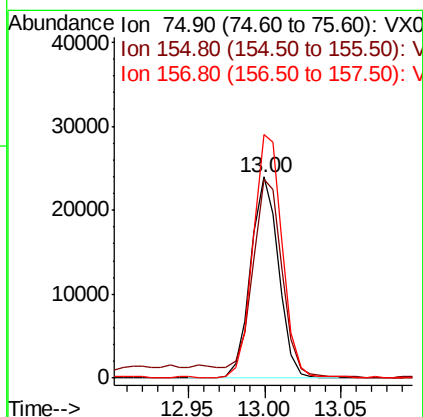
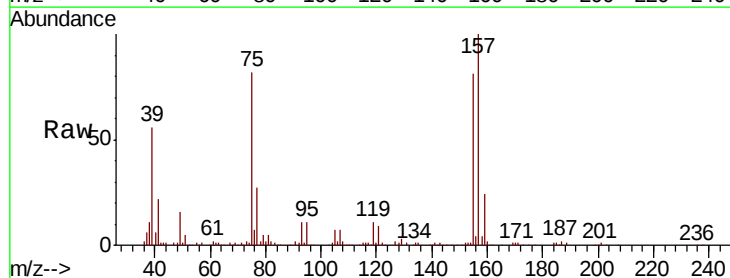
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

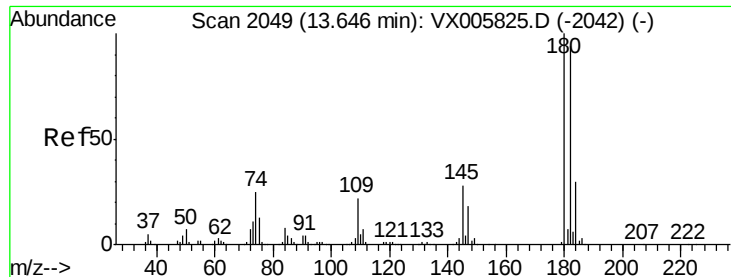
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.0	59.9
148	64.5	32.2	96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.392 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	106.0	45.4	136.1
157	125.3	57.4	172.0

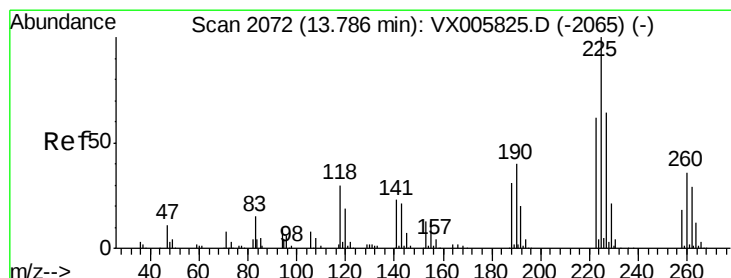
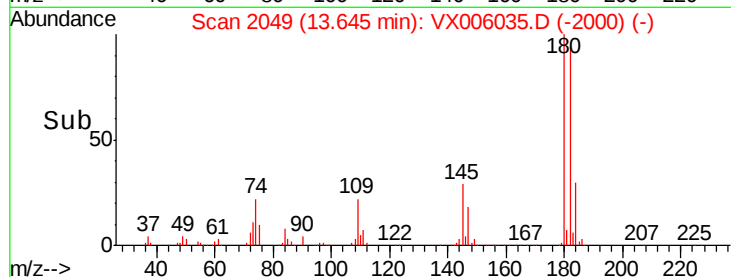
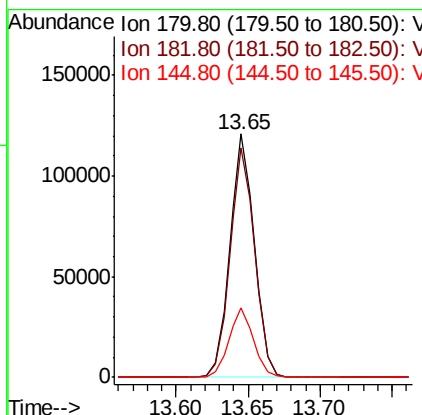
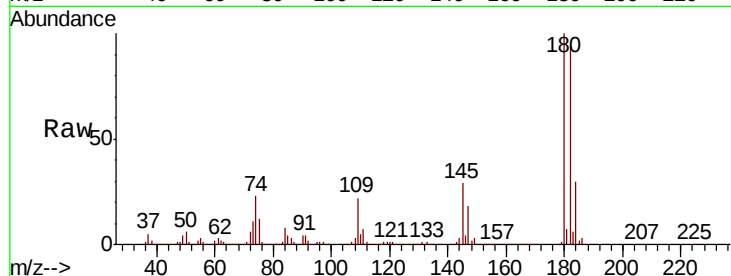




#93
 1,2,4-Trichlorobenzene
 Concen: 49.443 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

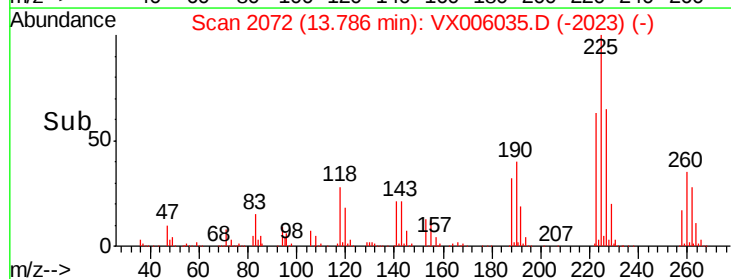
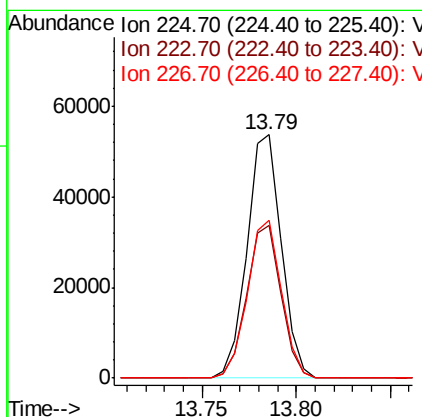
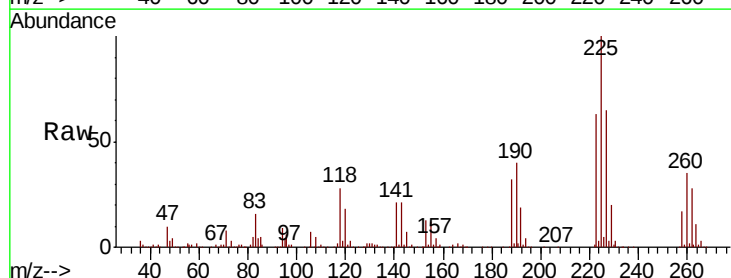
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

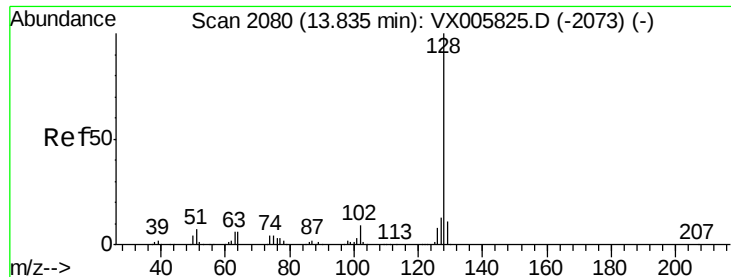
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.6	142.8
145	28.5	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 44.338 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.7	95.1
227	64.2	32.3	96.9





#95

Naphthalene

Concen: 48.151 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

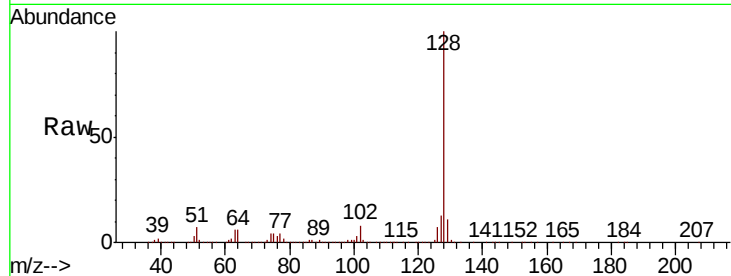
Tot Ion:128 Resp: 456209

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

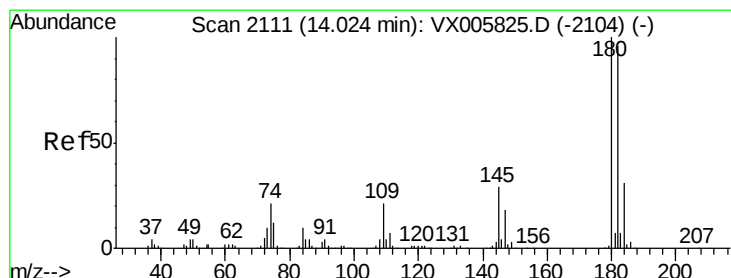
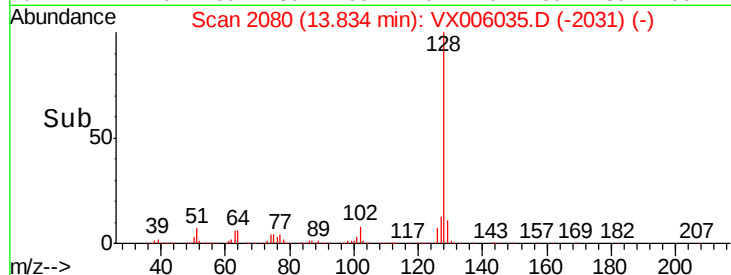
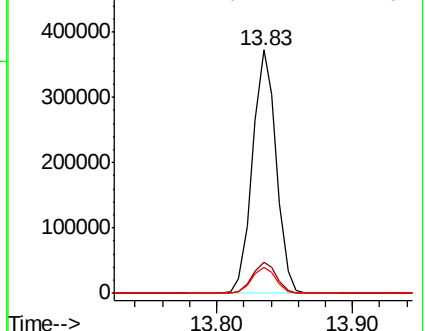
129 10.8 8.7 13.1



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: 48.992 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

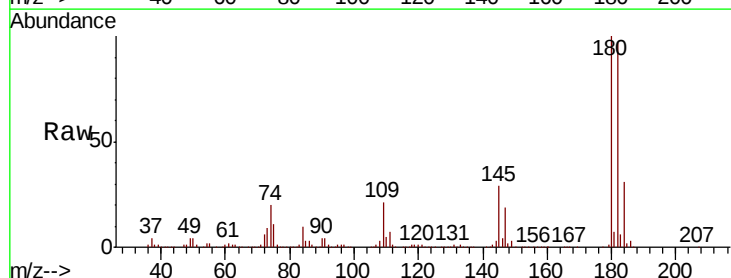
Tgt Ion:180 Resp: 145139

Ion Ratio Lower Upper

180 100

182 95.4 48.0 144.2

145 30.3 15.1 45.3



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

