

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101818\
 Data File : VX005418.D
 Acq On : 18 Oct 2018 09:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 19 03:28:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	268376	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	394190	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.12	117	348863	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	204673	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	140491	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	
35) Dibromofluoromethane	5.50	113	115551	44.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.52%	
50) Toluene-d8	8.71	98	440234	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
62) 4-Bromofluorobenzene	11.14	95	167415	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	107297	51.134	ug/l	98
3) Chloromethane	1.32	50	142270	46.791	ug/l	99
4) Vinyl Chloride	1.41	62	147193	47.789	ug/l	100
5) Bromomethane	1.64	94	91864	52.776	ug/l	97
6) Chloroethane	1.71	64	93415	51.494	ug/l	98
7) Trichlorofluoromethane	1.92	101	214625	52.216	ug/l	96
8) Diethyl Ether	2.19	74	89356	50.909	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.38	101	130221	54.891	ug/l	95
10) Methyl Iodide	2.51	142	145169	55.518	ug/l	99
11) Tert butyl alcohol	3.07	59	200964	239.184	ug/l	100
12) 1,1-Dichloroethene	2.37	96	119923	51.020	ug/l	98
13) Acrolein	2.29	56	168269	314.402	ug/l	97
14) Allyl chloride	2.73	41	257960	49.986	ug/l	96
15) Acrylonitrile	3.15	53	458354	240.736	ug/l	98
16) Acetone	2.45	43	482981	280.449	ug/l	97
17) Carbon Disulfide	2.57	76	333270	46.804	ug/l	99
18) Methyl Acetate	2.78	43	252549	51.545	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	441452	53.326	ug/l	97
20) Methylene Chloride	2.85	84	137940	55.104	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	129298	49.637	ug/l	95
22) Diisopropyl ether	3.87	45	468119	54.006	ug/l	95
23) Vinyl Acetate	3.82	43	2064975	272.565	ug/l	96
24) 1,1-Dichloroethane	3.70	63	256331	51.599	ug/l	98
25) 2-Butanone	4.70	43	627857	249.176	ug/l	95
26) 2,2-Dichloropropane	4.58	77	196399	52.863	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	139007	49.102	ug/l	95
28) Bromochloromethane	5.01	49	112648	49.742	ug/l	96
29) Tetrahydrofuran	5.15	42	374904	233.255	ug/l	94
30) Chloroform	5.21	83	232539	50.432	ug/l	99
31) Cyclohexane	5.57	56	205835	50.272	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	206200	51.395	ug/l	99
36) 1,1-Dichloropropene	5.80	75	175702	46.023	ug/l	99
37) Ethyl Acetate	4.85	43	214660	43.722	ug/l	98
38) Carbon Tetrachloride	5.78	117	183066	47.723	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	212561	51.444	ug/l #	85
40) Benzene	6.14	78	514830	44.954	ug/l	100
41) Methacrylonitrile	5.06	41	121592	46.196	ug/l	96
42) 1,2-Dichloroethane	6.20	62	186311	46.073	ug/l	98
43) Isopropyl Acetate	6.46	43	329708	50.413	ug/l	98
44) Trichloroethene	7.21	130	148909	50.935	ug/l	91
45) 1,2-Dichloropropane	7.51	63	140687	50.080	ug/l	99
46) Dibromomethane	7.66	93	89476	48.258	ug/l	97
47) Bromodichloromethane	7.90	83	176550	51.478	ug/l	99
48) Methyl methacrylate	7.77	41	171779	50.642	ug/l	95
49) 1,4-Dioxane	7.76	88	77938	996.180	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1149841	253.913	ug/l	95
52) Toluene	8.79	92	331106	52.846	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	204595	55.124	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	219521	54.586	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	138826	52.313	ug/l	97
56) Ethyl methacrylate	9.18	69	216178	55.879	ug/l	97
57) 1,3-Dichloropropane	9.37	76	227825	51.435	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	666830	307.347	ug/l	96
59) 2-Hexanone	9.49	43	961205	263.869	ug/l	95
60) Dibromochloromethane	9.58	129	148409	54.102	ug/l	99
61) 1,2-Dibromoethane	9.67	107	143406	51.491	ug/l	100
64) Tetrachloroethene	9.33	164	148736	52.959	ug/l	100
65) Chlorobenzene	10.14	112	381807	51.451	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	141404	53.472	ug/l	99
67) Ethyl Benzene	10.25	91	648968	53.795	ug/l	97
68) m/p-Xylenes	10.36	106	511365	109.211	ug/l	96
69) o-Xylene	10.70	106	244168	54.070	ug/l	97
70) Styrene	10.71	104	413381	55.655	ug/l	98
71) Bromoform	10.86	173	127053	53.764	ug/l #	99
73) Isopropylbenzene	11.02	105	670042	55.070	ug/l	100
74) N-amyl acetate	10.90	43	308000	52.484	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	225427	49.115	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	265962	66.992	ug/l	87
77) Bromobenzene	11.26	156	181451	52.157	ug/l	99
78) n-propylbenzene	11.36	91	777984	55.565	ug/l	100
79) 2-Chlorotoluene	11.42	91	454274	52.977	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	578999	55.570	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	69327	53.059	ug/l	94
82) 4-Chlorotoluene	11.51	91	545804	53.695	ug/l	100
83) tert-Butylbenzene	11.77	119	581671	55.129	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	596685	55.648	ug/l	98
85) sec-Butylbenzene	11.94	105	701429	56.175	ug/l	99
86) p-Isopropyltoluene	12.07	119	640239	56.730	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	344036	52.922	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	345634	51.972	ug/l	99
89) n-Butylbenzene	12.39	91	577581	56.366	ug/l	98
90) Hexachloroethane	12.60	117	102620	52.761	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	343135	51.724	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	53382	47.680	ug/l	99

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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	275229	56.549	ug/l	98
94) Hexachlorobutadiene	13.78	225	141967	55.228	ug/l	97
95) Naphthalene	13.83	128	789994	55.968	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	274273	55.075	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX005418.D

Acq: 18 Oct 2018 09:44

Instrument :

MSVOA_X

ClientSampleId :

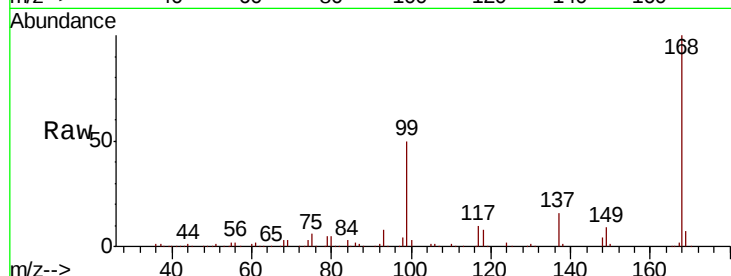
VSTDCCC050

Tot Ion:168 Resp: 268376

Ion Ratio Lower Upper

168 100

99 49.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

60000

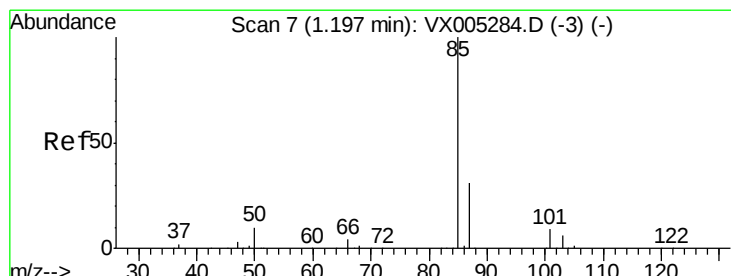
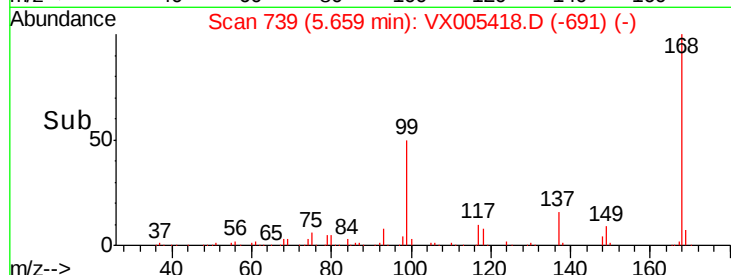
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 51.134 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005418.D

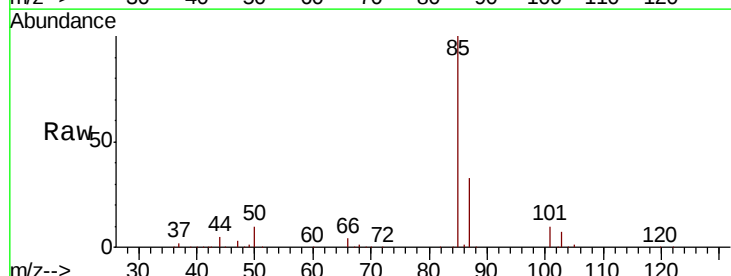
Acq: 18 Oct 2018 09:44

Tgt Ion: 85 Resp: 107297

Ion Ratio Lower Upper

85 100

87 32.9 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

120000

100000

80000

60000

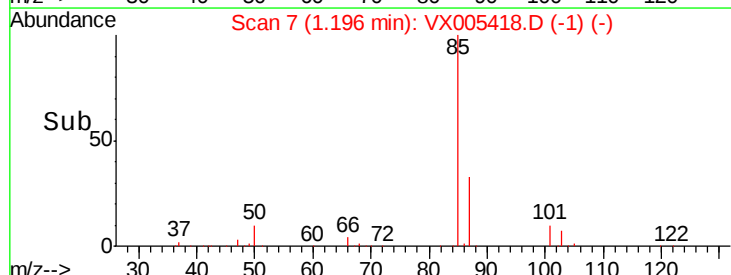
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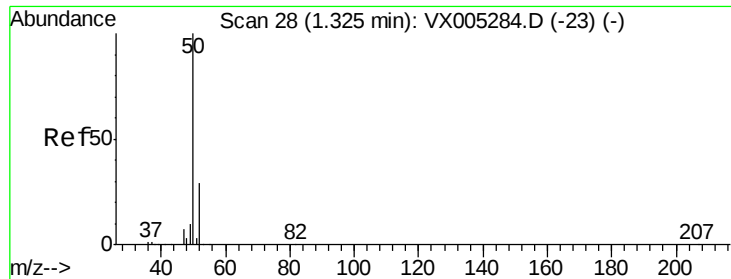
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 46.791 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005418.D

Acq: 18 Oct 2018 09:44

Instrument :

MSVOA_X

ClientSampleId :

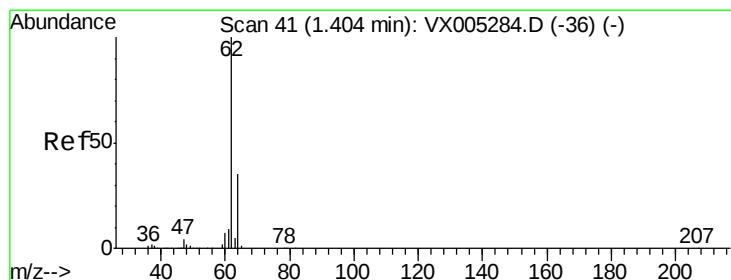
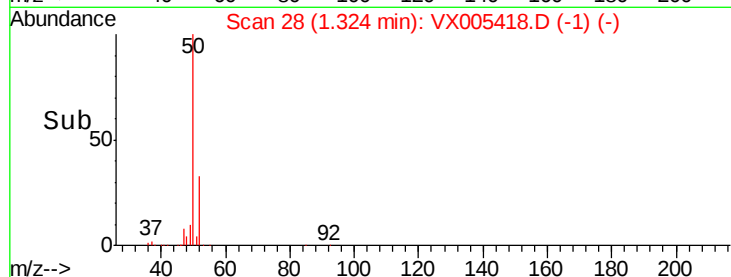
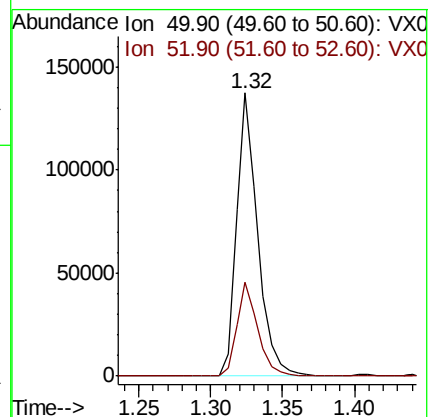
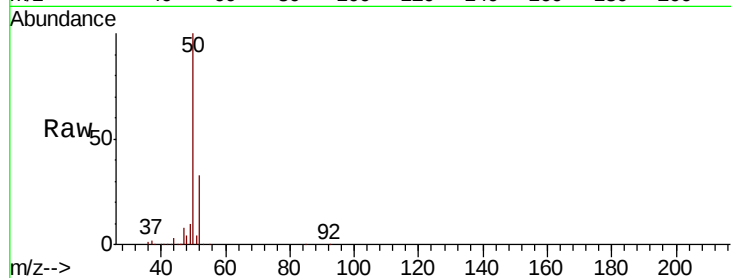
VSTDCCC050

Tot Ion: 50 Resp: 142270

Ion Ratio Lower Upper

50 100

52 33.1 26.2 39.2



#4

Vinyl Chloride

Concen: 47.789 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005418.D

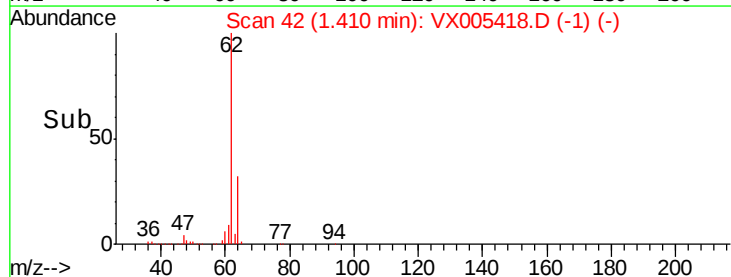
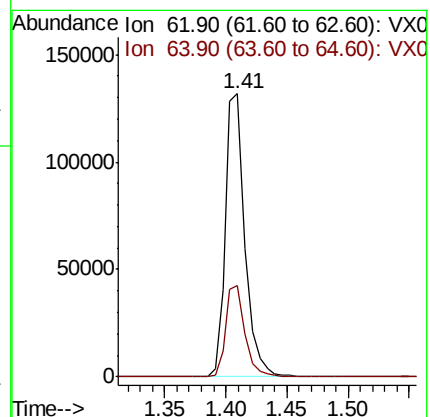
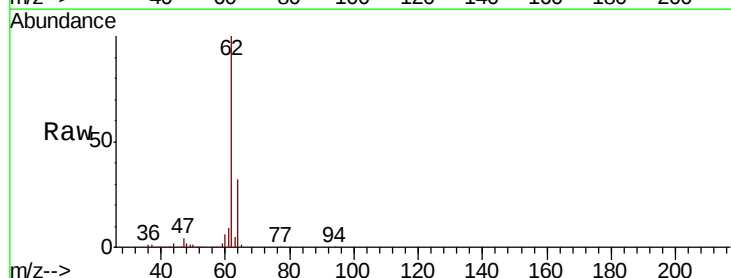
Acq: 18 Oct 2018 09:44

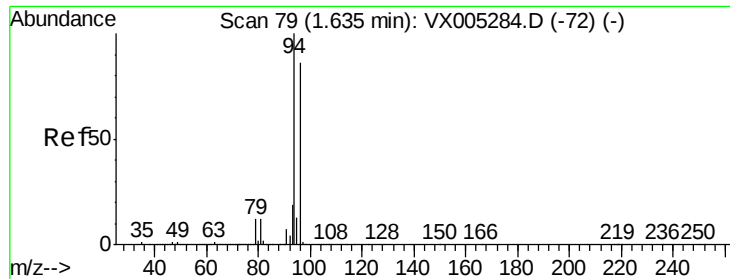
Tgt Ion: 62 Resp: 147193

Ion Ratio Lower Upper

62 100

64 32.3 25.8 38.8





#5

Bromomethane

Concen: 52.776 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005418.D

Acq: 18 Oct 2018 09:44

Instrument :

MSVOA_X

ClientSampleId :

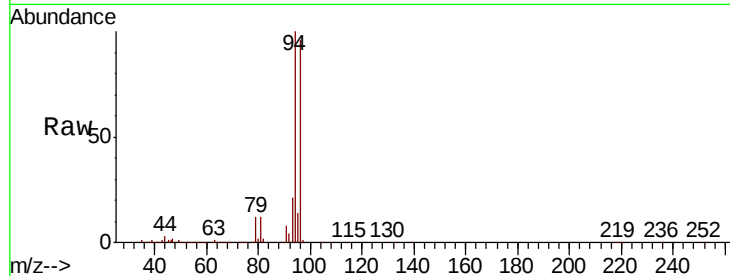
VSTDCCC050

Tot Ion: 94 Resp: 91864

Ion Ratio Lower Upper

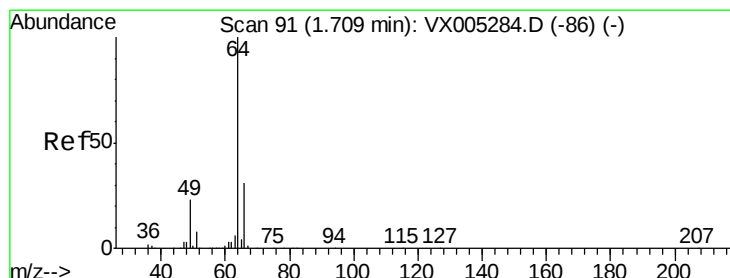
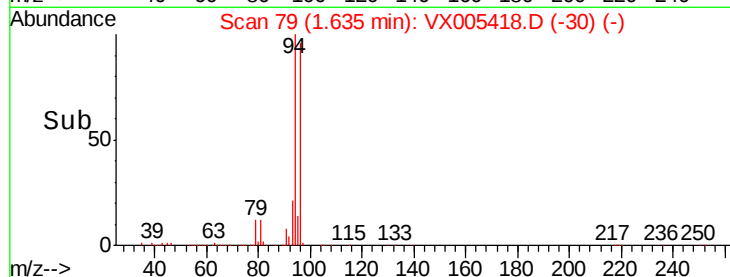
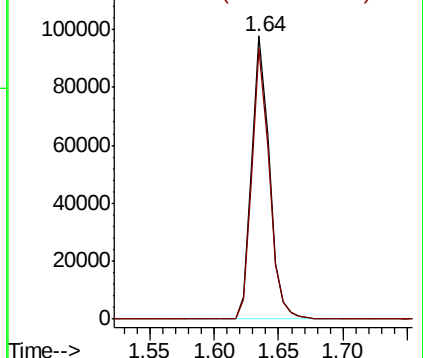
94 100

96 95.6 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.494 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.01 min

Lab File: VX005418.D

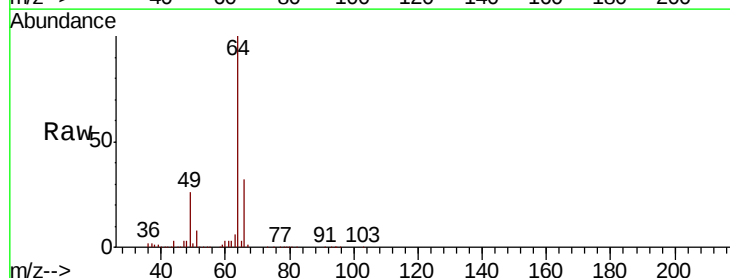
Acq: 18 Oct 2018 09:44

Tgt Ion: 64 Resp: 93415

Ion Ratio Lower Upper

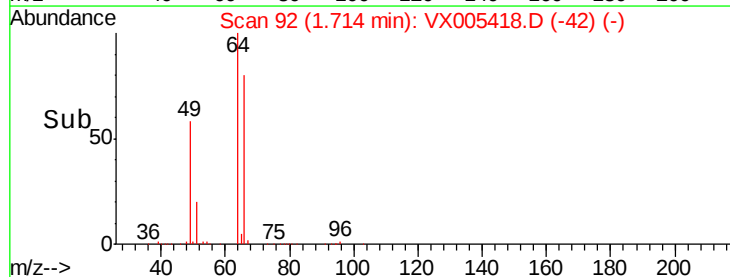
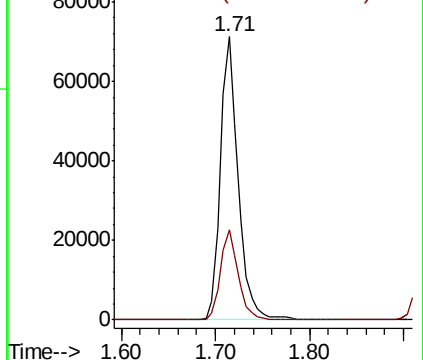
64 100

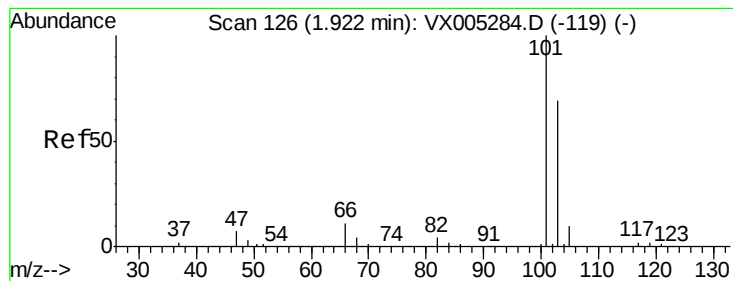
66 32.0 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



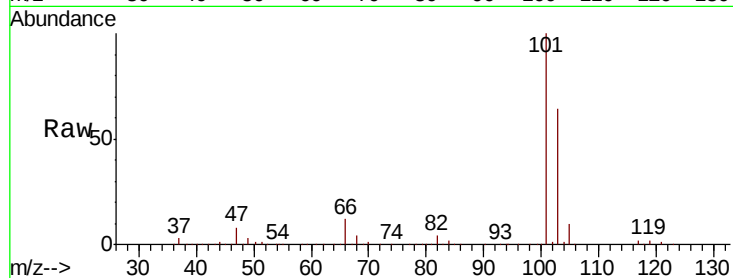


#7

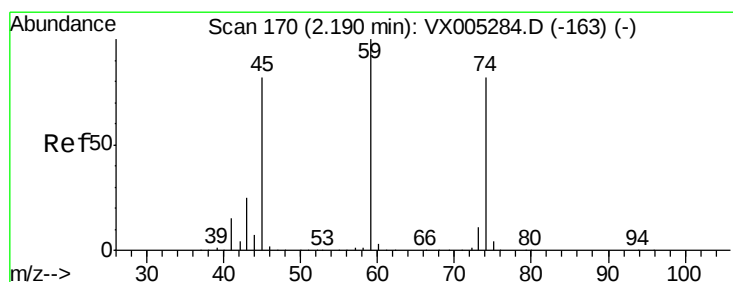
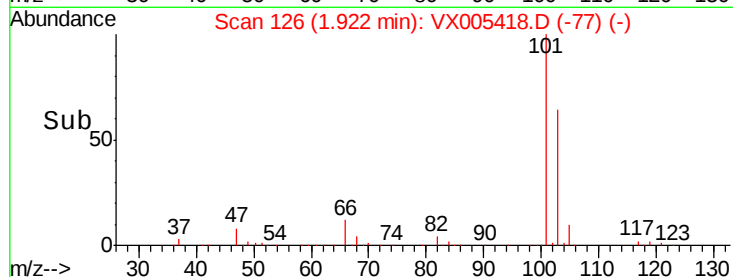
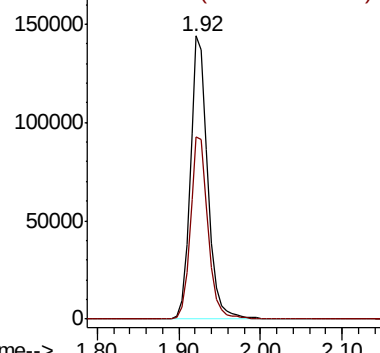
Trichlorofluoromethane
 Concen: 52.216 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX005418.D
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Tot Ion:101 Resp: 214625
 Ion Ratio Lower Upper
 101 100
 103 64.3 48.9 73.3



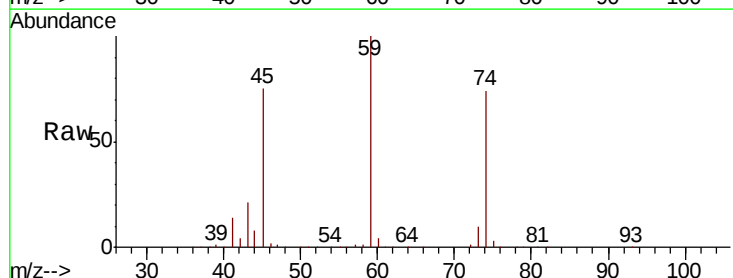
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



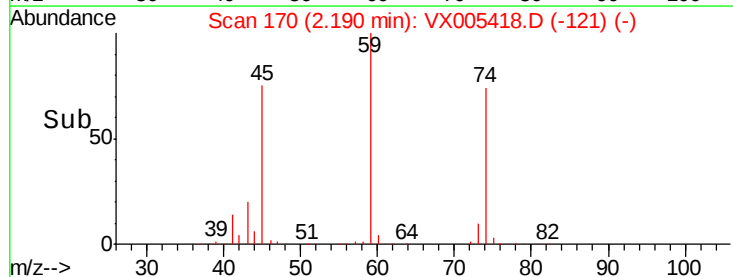
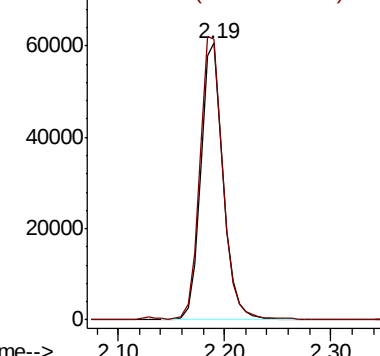
#8

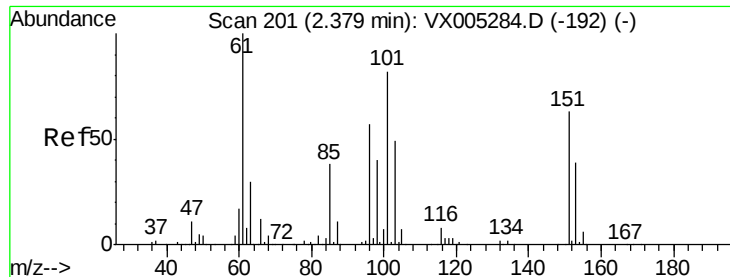
Diethyl Ether
 Concen: 50.909 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005418.D
 Acq: 18 Oct 2018 09:44

Tgt Ion: 74 Resp: 89356
 Ion Ratio Lower Upper
 74 100
 45 104.9 48.3 144.8



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.891 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005418.D

Acq: 18 Oct 2018 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

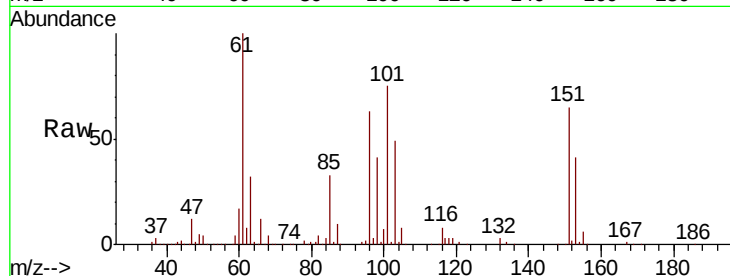
Tot Ion:101 Resp: 130221

Ion Ratio Lower Upper

101 100

85 44.1 34.2 51.4

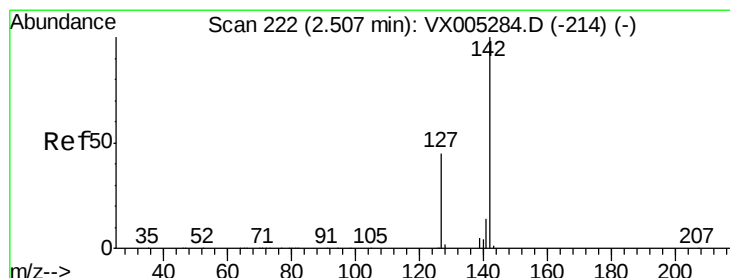
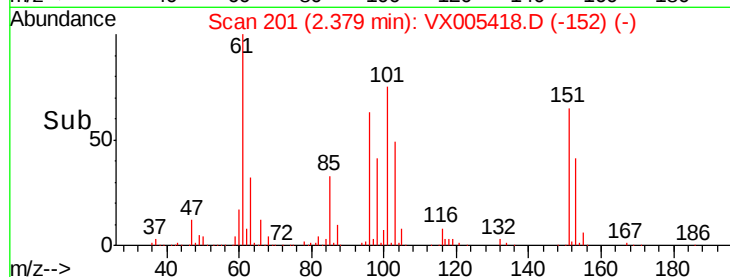
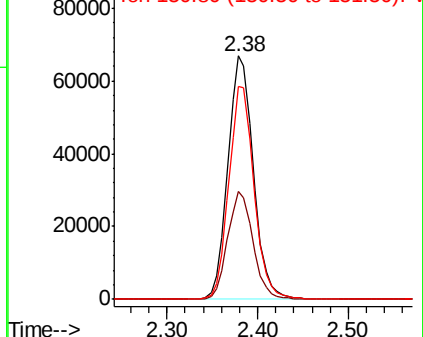
151 86.9 65.0 97.6



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: 55.518 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX005418.D

Acq: 18 Oct 2018 09:44

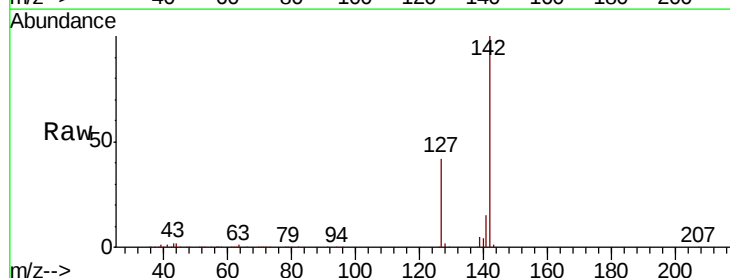
Tgt Ion:142 Resp: 145169

Ion Ratio Lower Upper

142 100

127 42.4 33.8 50.6

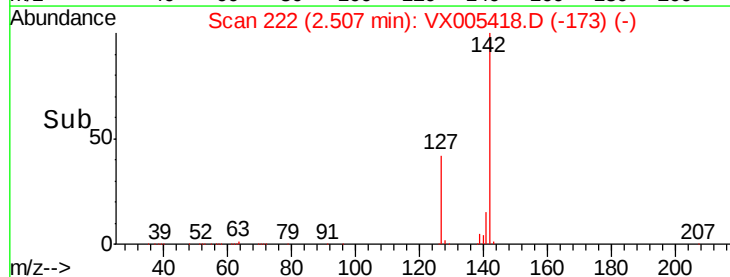
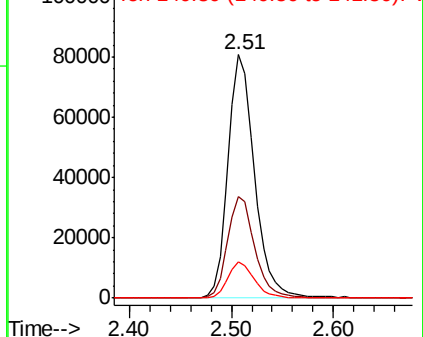
141 14.7 11.4 17.0

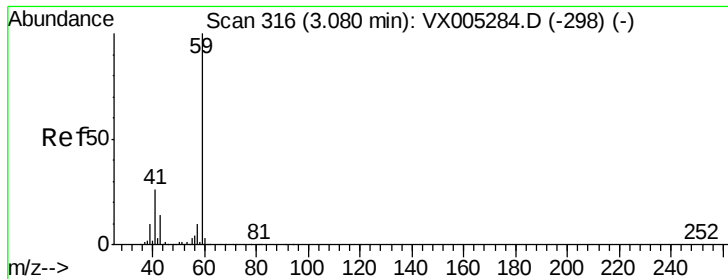


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



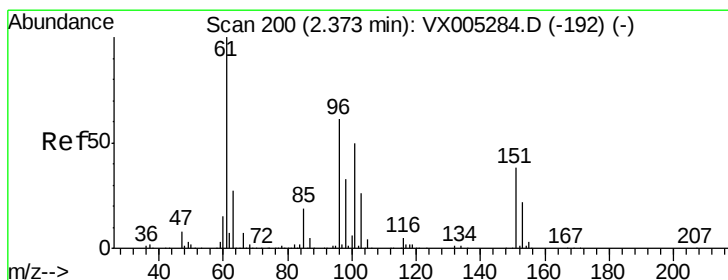
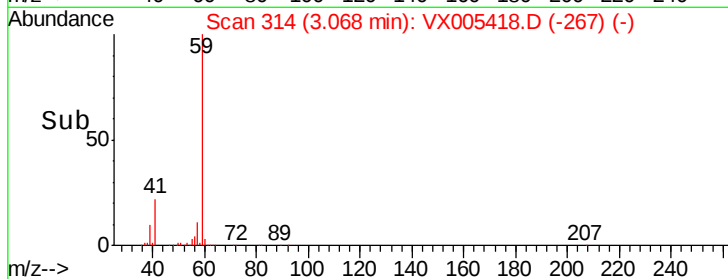
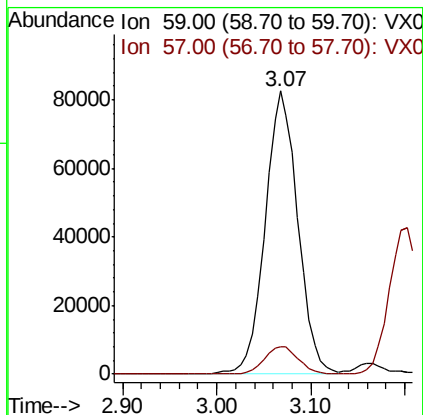
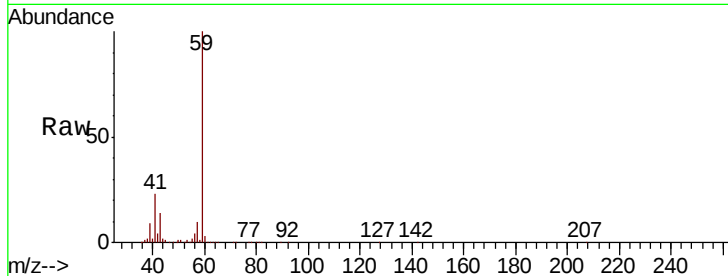


#11

Tert butyl alcohol
 Concen: 239.184 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX005418.D
 Acq: 18 Oct 2018 09:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

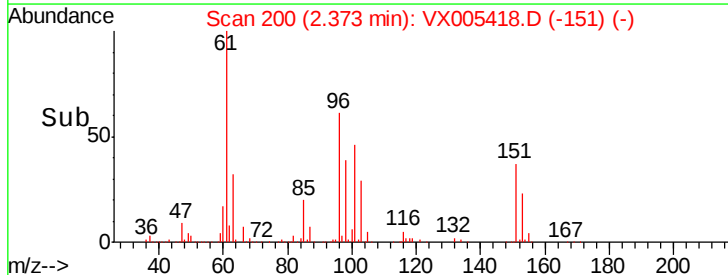
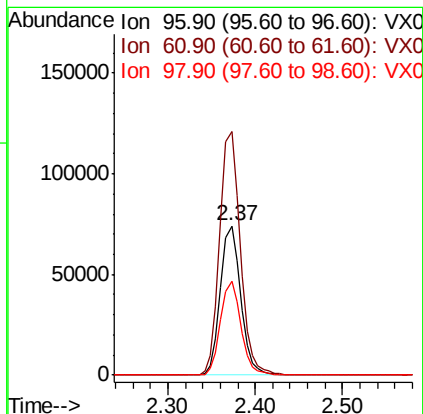
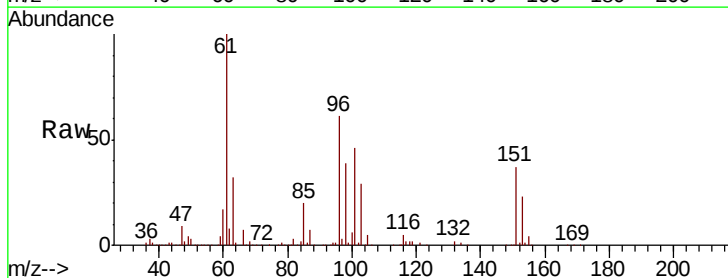
Tot Ion: 59 Resp: 200964
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.4

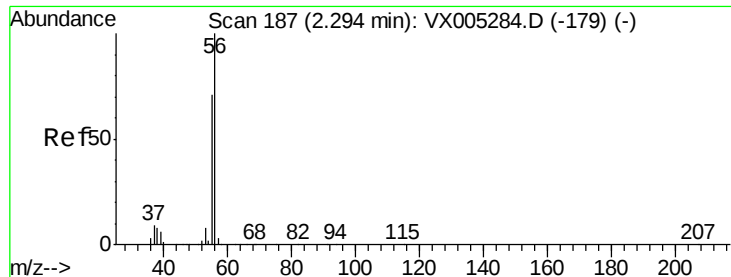


#12

1,1-Dichloroethene
 Concen: 51.020 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX005418.D
 Acq: 18 Oct 2018 09:44

Tgt Ion: 96 Resp: 119923
 Ion Ratio Lower Upper
 96 100
 61 162.8 128.8 193.2
 98 63.1 52.2 78.2





#13

Acrolein

Concen: 314.402 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005418.D

Acq: 18 Oct 2018 09:44

Instrument :

MSVOA_X

ClientSampleId :

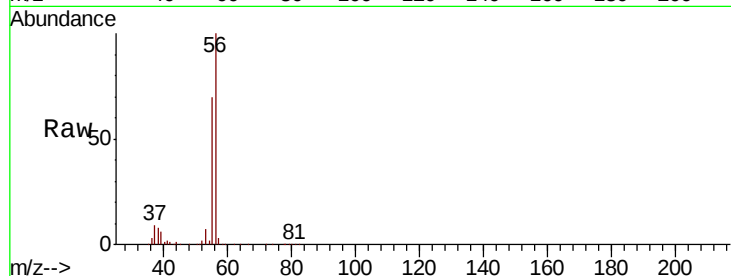
VSTDCCC050

Tot Ion: 56 Resp: 168269

Ion Ratio Lower Upper

56 100

55 71.2 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX005418.D (-138) (-)

Ion 55.00 (54.70 to 55.70): VX005418.D (-138) (-)

2.29

120000

100000

80000

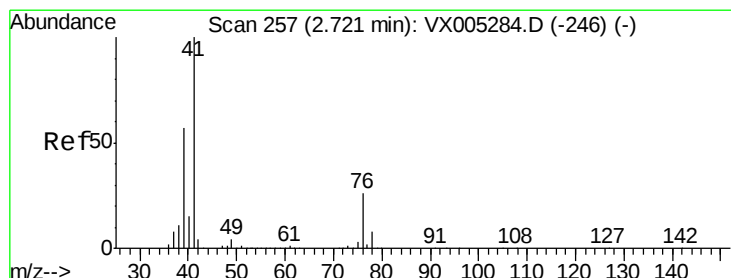
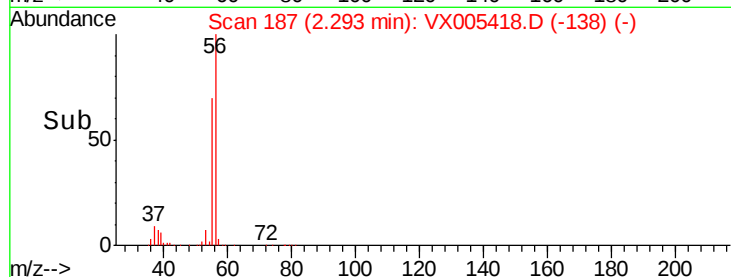
60000

40000

20000

0

Time-->



#14

Allyl chloride

Concen: 49.986 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005418.D

Acq: 18 Oct 2018 09:44

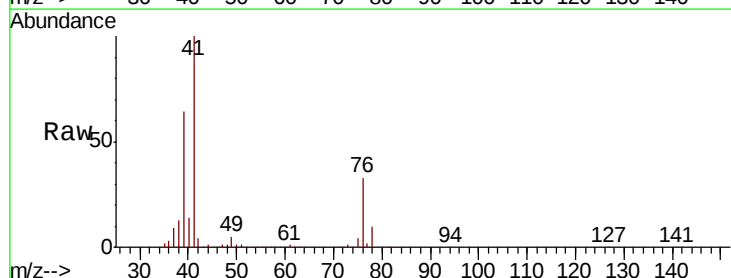
Tgt Ion: 41 Resp: 257960

Ion Ratio Lower Upper

41 100

39 59.4 48.9 73.3

76 30.0 26.7 40.1



Abundance Ion 41.00 (40.70 to 41.70): VX005418.D (-208) (-)

Ion 39.00 (38.70 to 39.70): VX005418.D (-208) (-)

Ion 75.90 (75.60 to 76.60): VX005418.D (-208) (-)

2.73

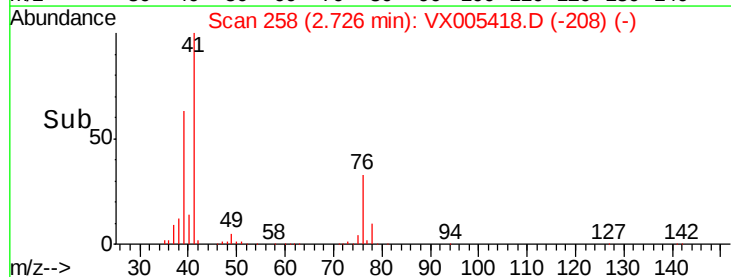
150000

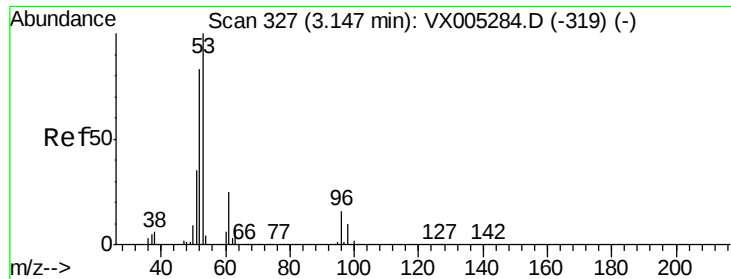
100000

50000

0

Time-->





#15

Acrylonitrile

Concen: 240.736 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX005418.D

Acq: 18 Oct 2018 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

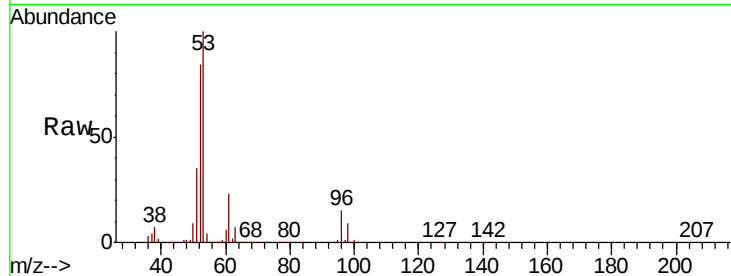
Tot Ion: 53 Resp: 458354

Ion Ratio Lower Upper

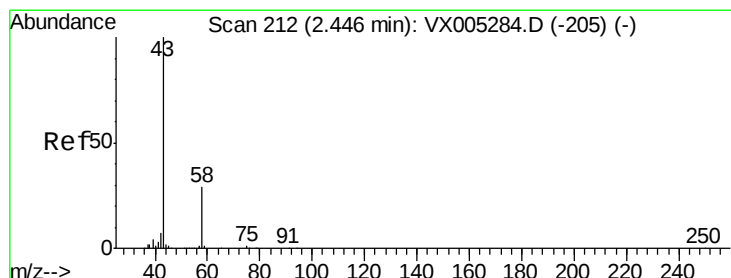
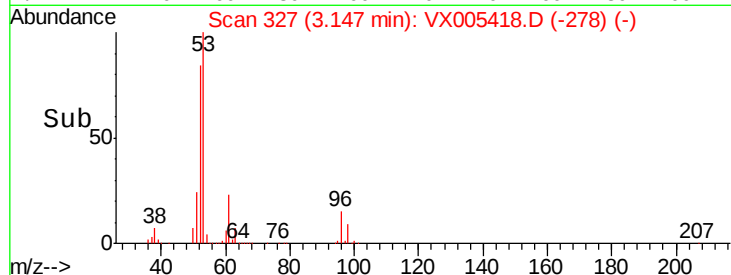
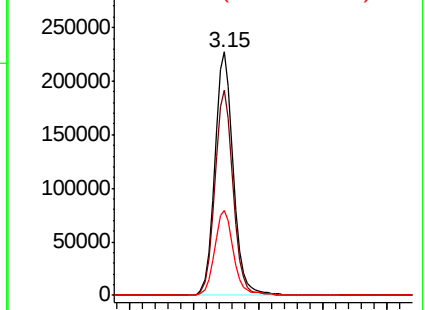
53 100

52 83.2 65.2 97.8

51 35.8 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 280.449 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005418.D

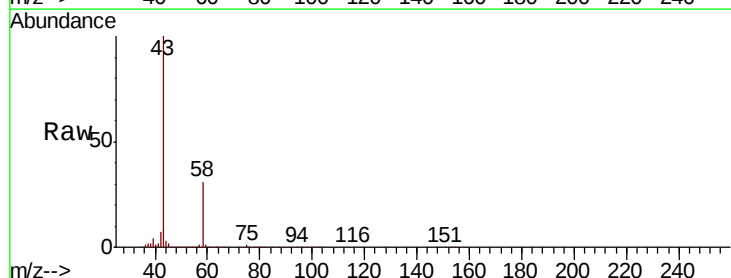
Acq: 18 Oct 2018 09:44

Tgt Ion: 43 Resp: 482981

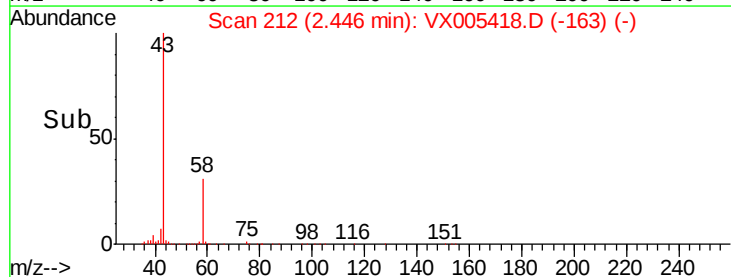
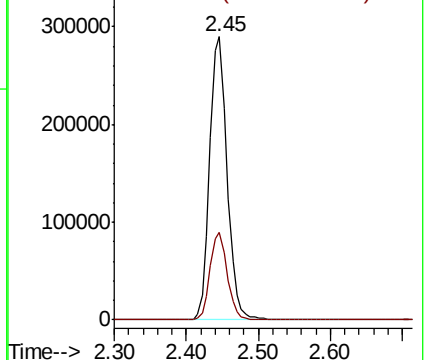
Ion Ratio Lower Upper

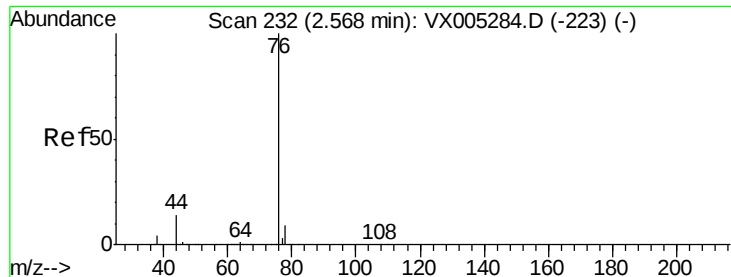
43 100

58 30.9 26.2 39.4



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

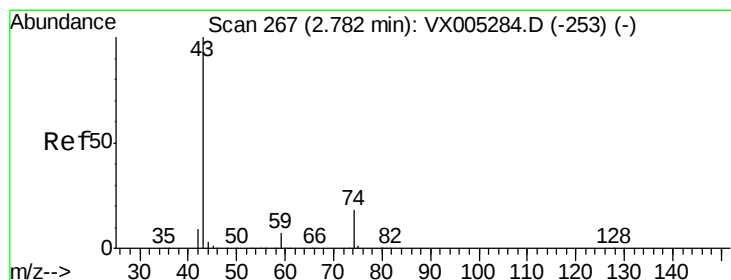
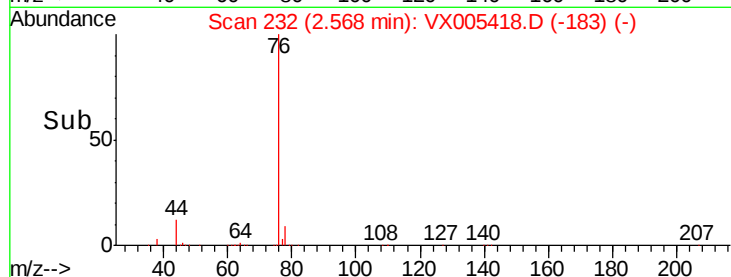
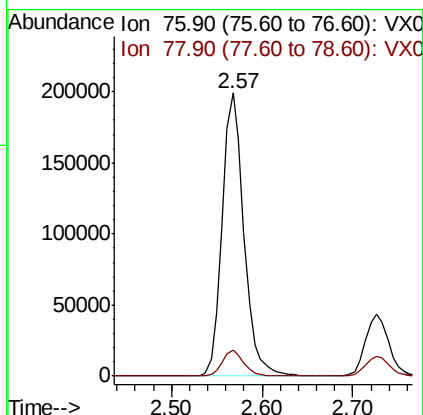
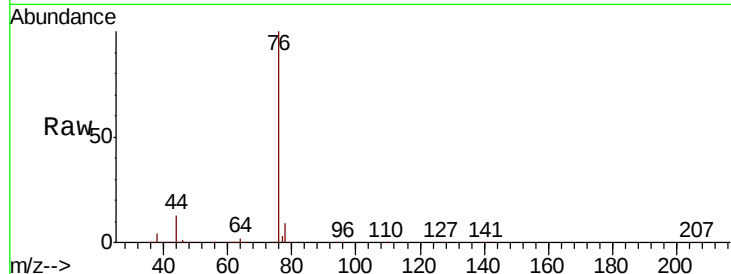




#17
Carbon Disulfide
Concen: 46.804 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005418.D
Acq: 18 Oct 2018 09:44

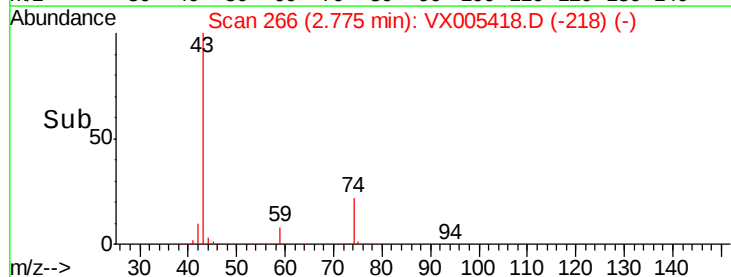
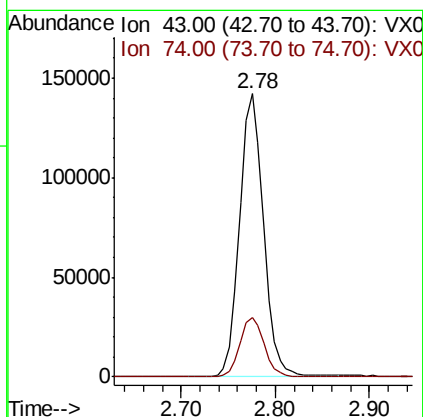
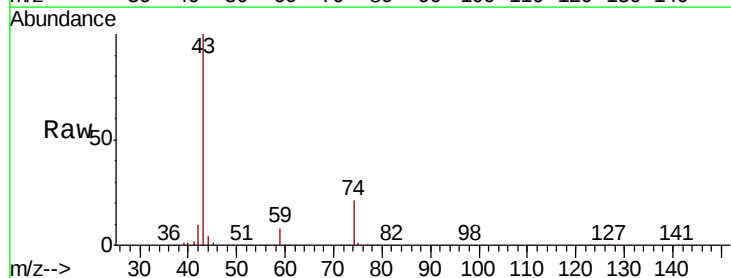
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

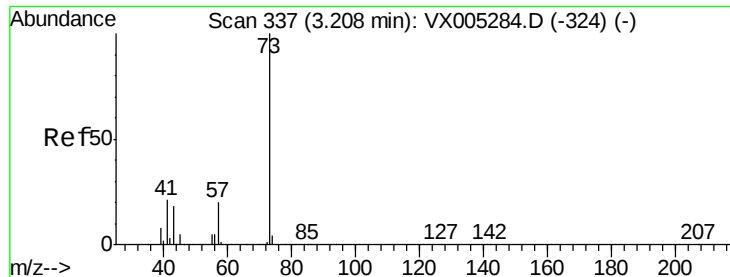
Tot Ion: 76 Resp: 333270
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6



#18
Methyl Acetate
Concen: 51.545 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005418.D
Acq: 18 Oct 2018 09:44

Tgt Ion: 43 Resp: 252549
Ion Ratio Lower Upper
43 100
74 21.7 19.4 29.2

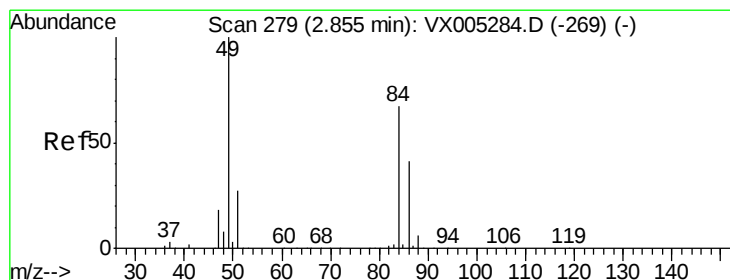
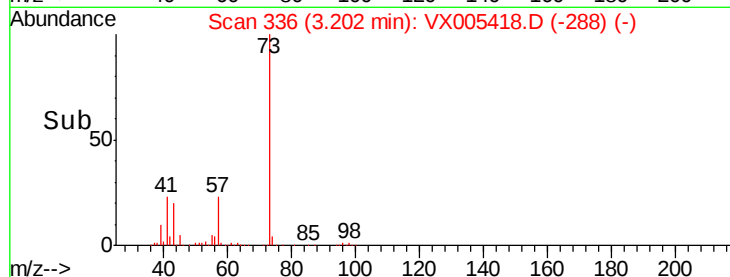
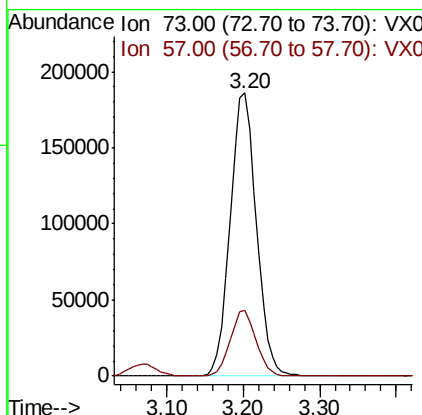
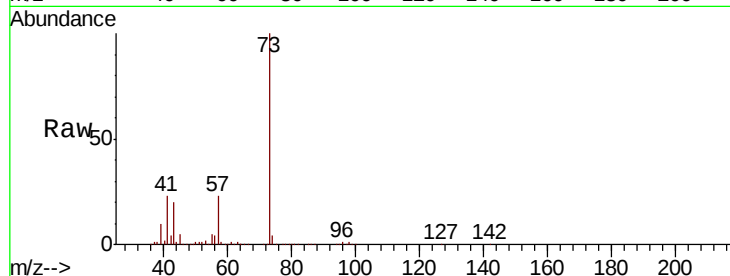




#19
Methvl tert-butvl Ether
Concen: 53.326 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.01 min
Lab File: VX005418.D
Acq: 18 Oct 2018 09:44

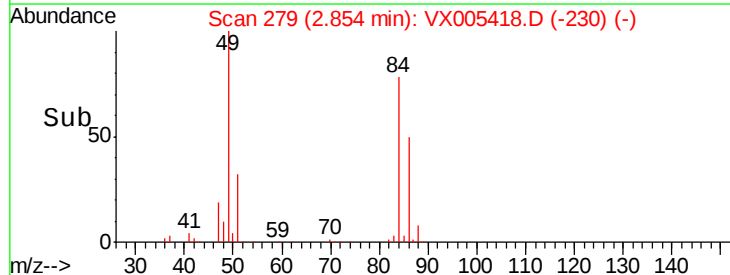
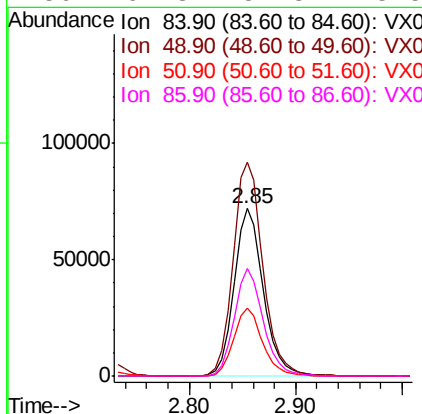
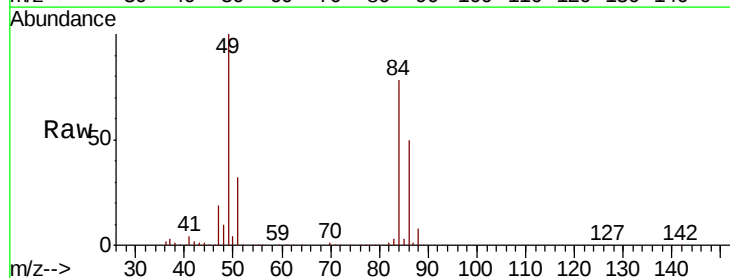
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 441452
Ion Ratio Lower Upper
73 100
57 23.0 17.1 25.7



#20
Methylene Chloride
Concen: 55.104 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005418.D
Acq: 18 Oct 2018 09:44

Tgt Ion: 84 Resp: 137940
Ion Ratio Lower Upper
84 100
49 127.6 101.2 151.8
51 40.5 29.5 44.3
86 64.3 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 49.637 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005418.D

Acq: 18 Oct 2018 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

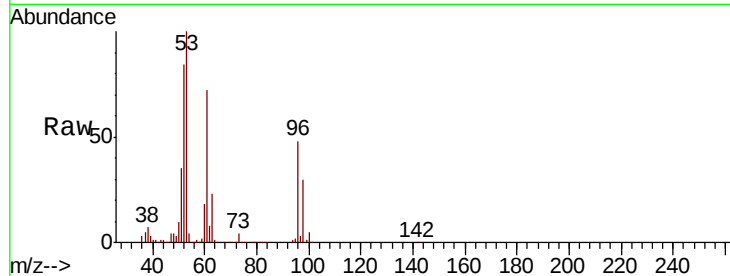
Tot Ion: 96 Resp: 129298

Ion Ratio Lower Upper

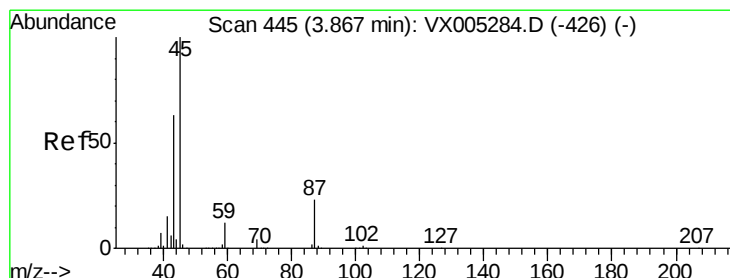
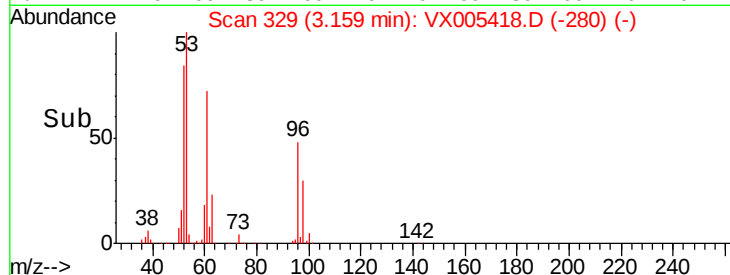
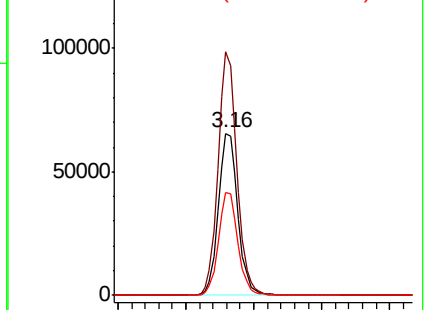
96 100

61 150.4 113.8 170.6

98 63.2 51.8 77.8



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: 54.006 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005418.D

Acq: 18 Oct 2018 09:44

Tgt Ion: 45 Resp: 468119

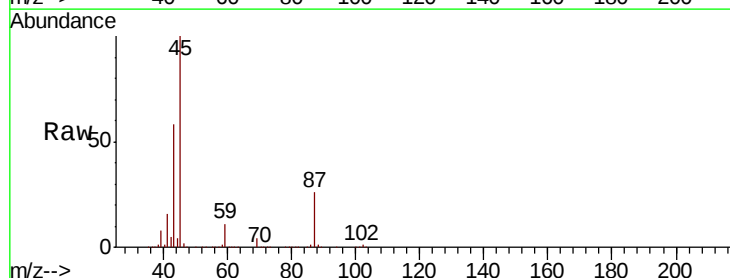
Ion Ratio Lower Upper

45 100

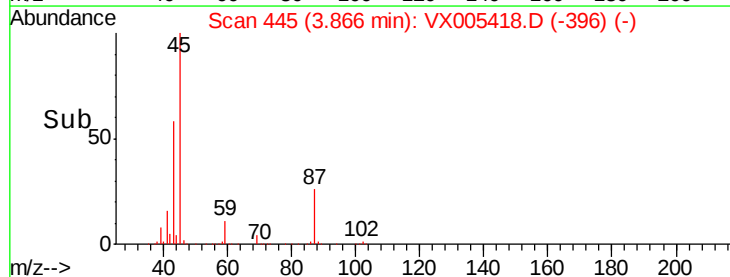
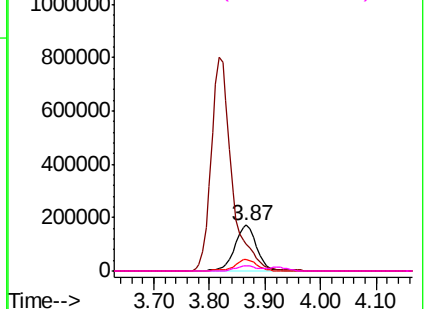
43 58.2 42.8 64.2

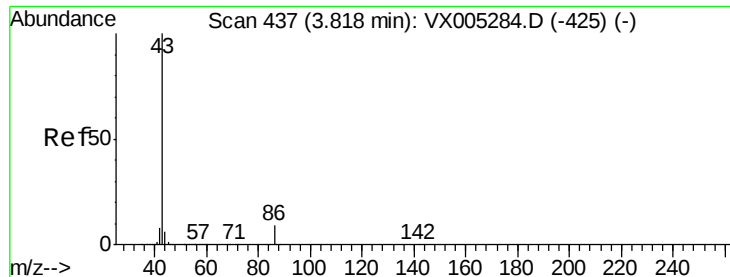
87 25.9 22.6 34.0

59 11.4 9.6 14.4



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





#23

Vinyl Acetate

Concen: 272.565 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX005418.D

Acq: 18 Oct 2018 09:44

Instrument :

MSVOA_X

ClientSampleId :

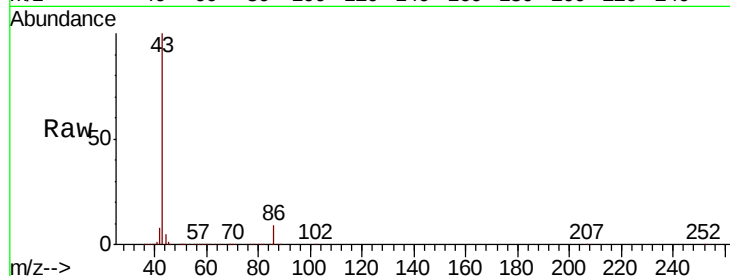
VSTDCCC050

Tot Ion: 43 Resp: 2064975

Ion Ratio Lower Upper

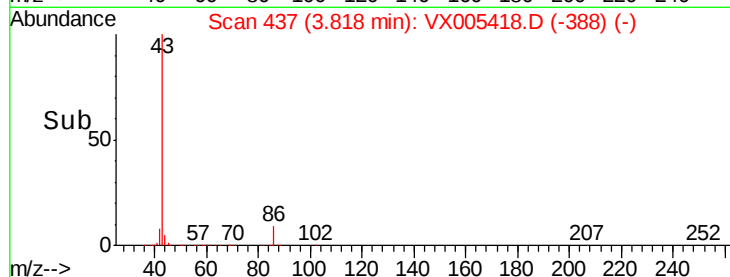
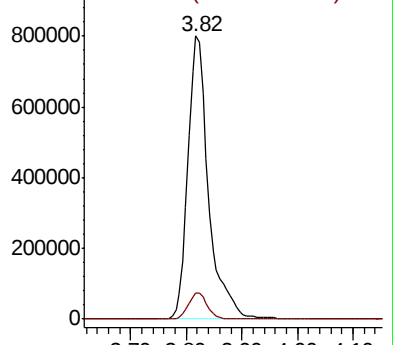
43 100

86 9.4 8.9 13.3

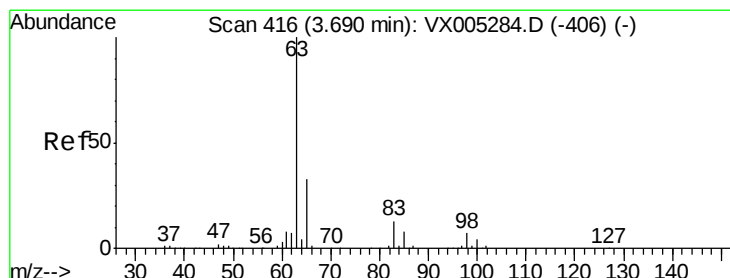


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 51.599 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005418.D

Acq: 18 Oct 2018 09:44

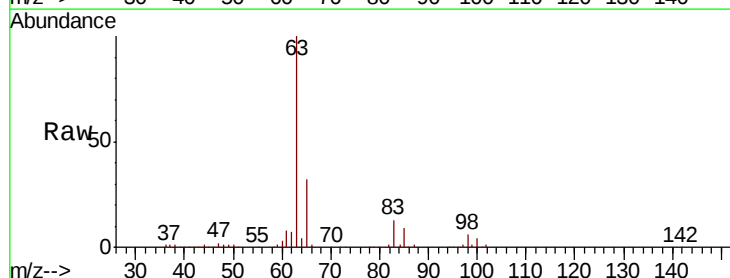
Tgt Ion: 63 Resp: 256331

Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.4

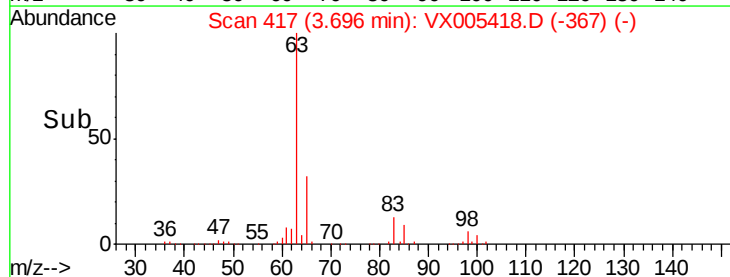
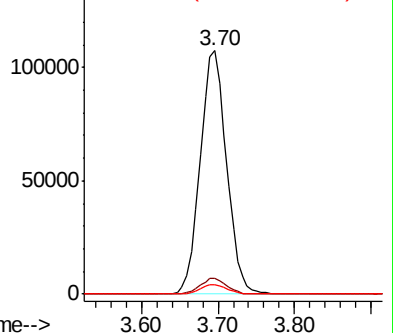
100 4.0 2.4 7.1



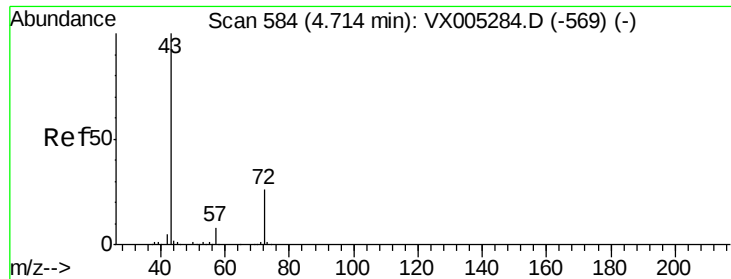
Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->



#25

2-Butanone

Concen: 249.176 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.02 min

Lab File: VX005418.D

Acq: 18 Oct 2018 09:44

Instrument :

MSVOA_X

ClientSampleId :

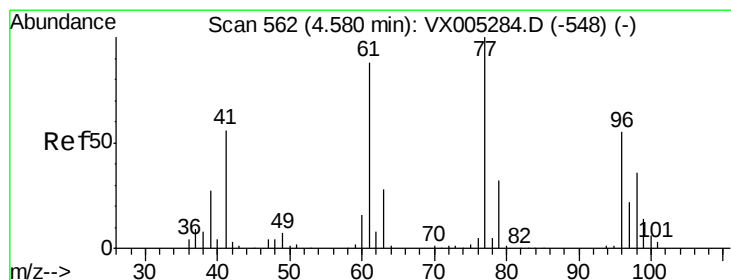
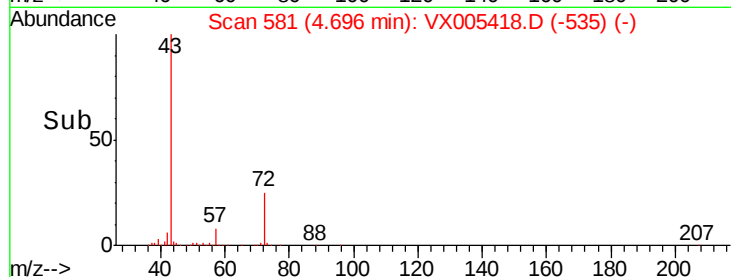
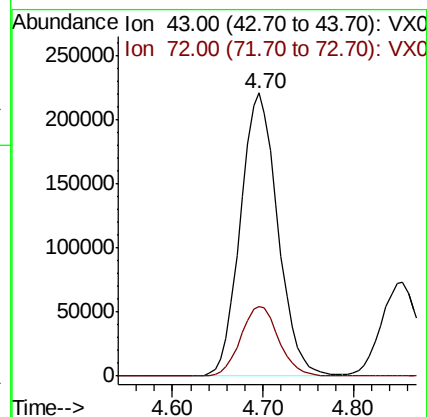
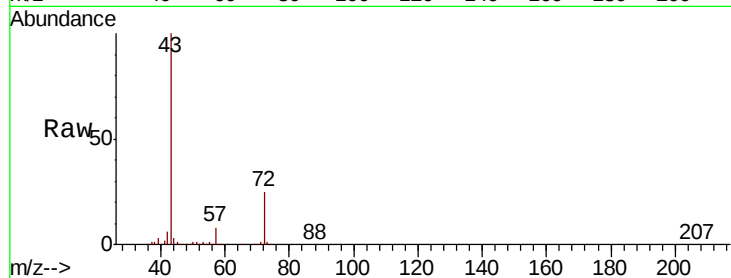
VSTDCCC050

Tot Ion: 43 Resp: 627857

Ion Ratio Lower Upper

43 100

72 24.7 22.0 33.0



#26

2,2-Dichloropropane

Concen: 52.863 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX005418.D

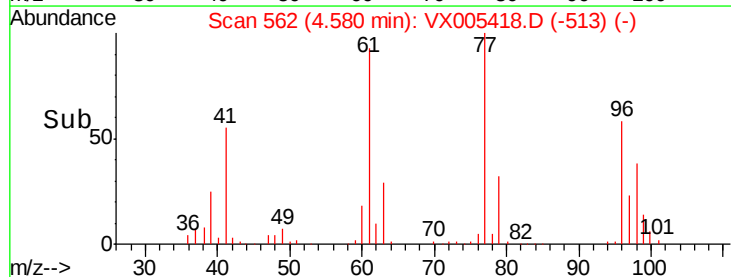
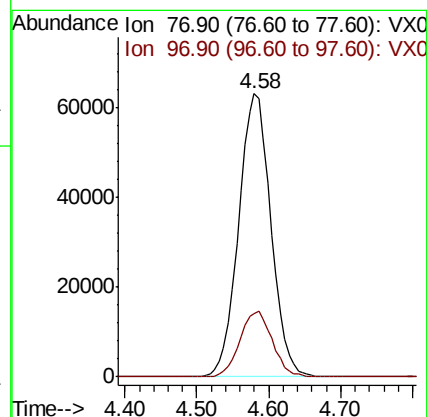
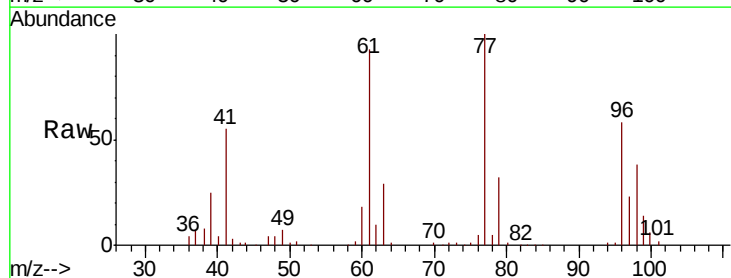
Acq: 18 Oct 2018 09:44

Tgt Ion: 77 Resp: 196399

Ion Ratio Lower Upper

77 100

97 23.2 11.7 35.0



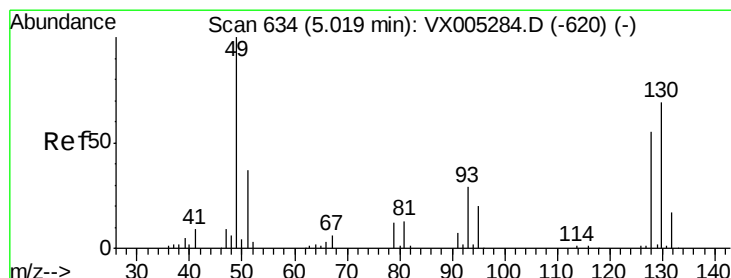
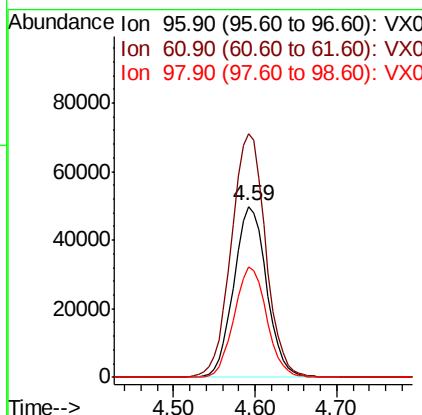
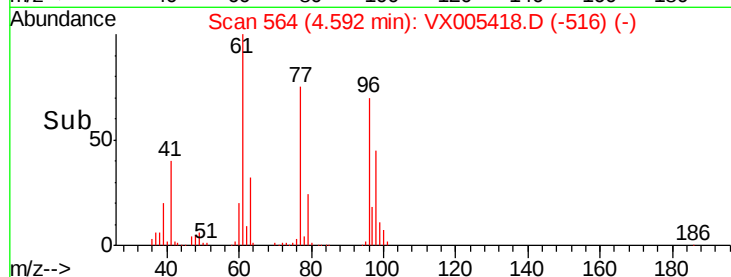
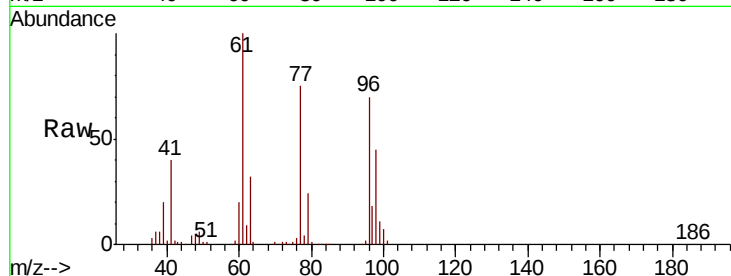


#27

cis-1,2-Dichloroethene
 Concen: 49.102 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX005418.D
 Acq: 18 Oct 2018 09:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

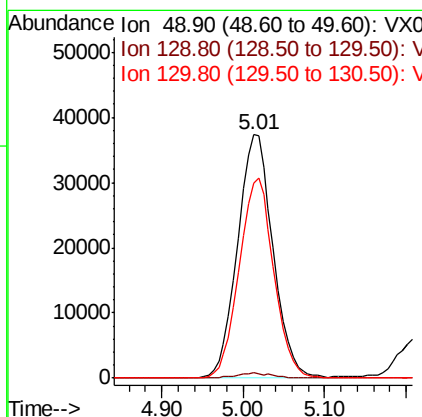
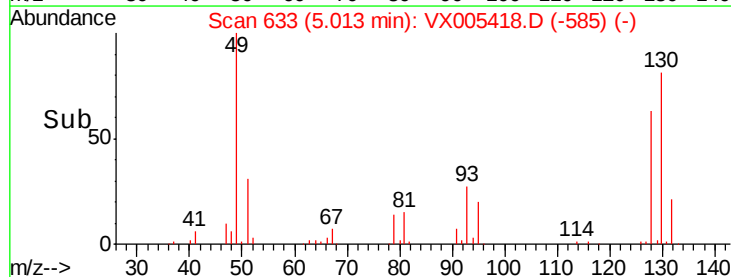
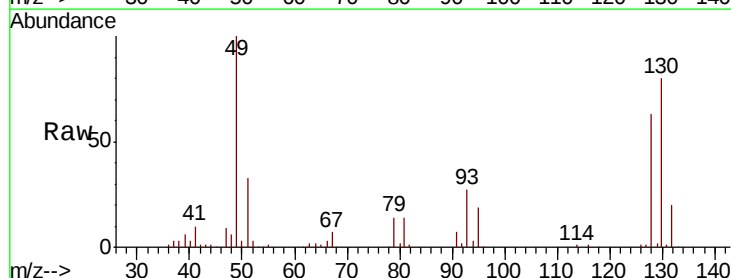
Tot Ion	Ratio	Lower	Upper
96	100		
61	148.9	0.0	282.6
98	64.1	0.0	130.2

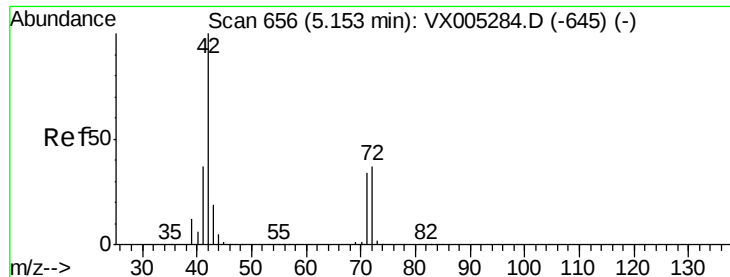


#28

Bromochloromethane
 Concen: 49.742 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX005418.D
 Acq: 18 Oct 2018 09:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	80.4	67.5	101.3





#29

Tetrahydrofuran

Concen: 233.255 ug/l

RT: 5.15 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX005418.D

Acq: 18 Oct 2018 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

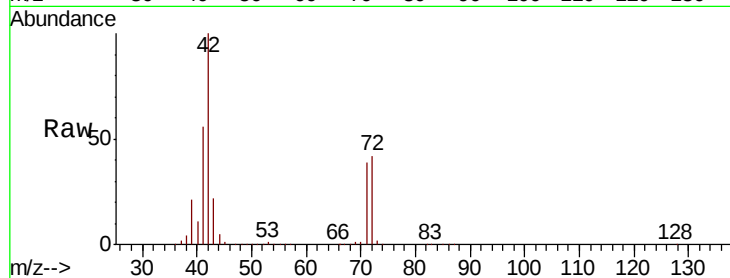
Tot Ion: 42 Resp: 374904

Ion Ratio Lower Upper

42 100

72 42.3 37.4 56.0

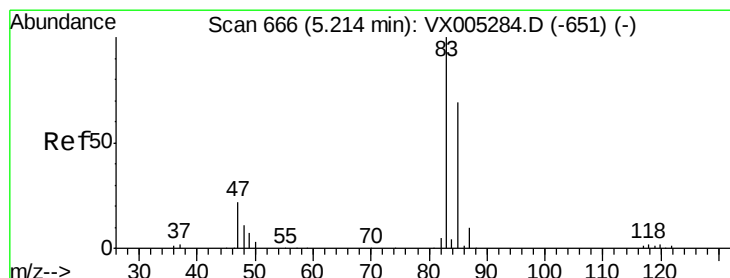
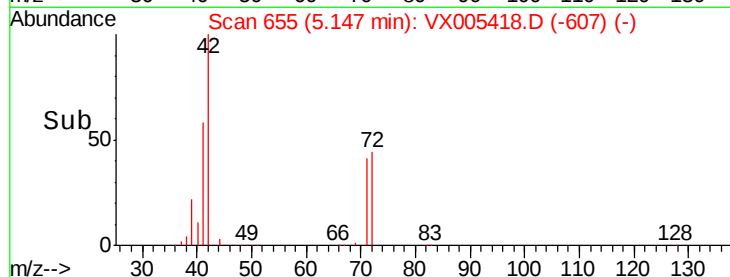
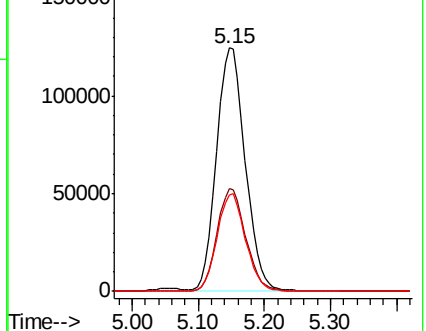
71 39.5 34.5 51.7



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 50.432 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX005418.D

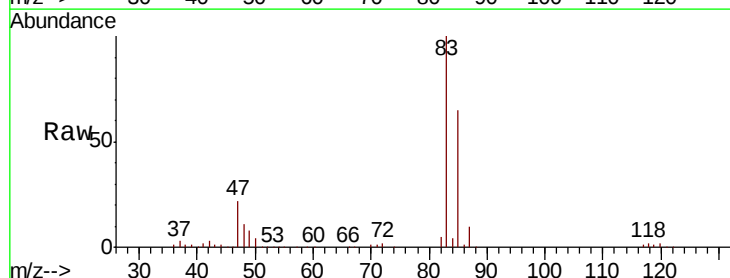
Acq: 18 Oct 2018 09:44

Tgt Ion: 83 Resp: 232539

Ion Ratio Lower Upper

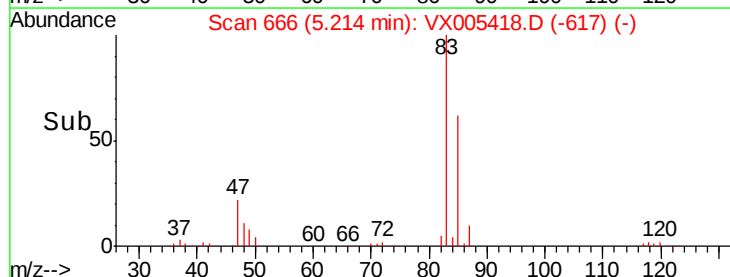
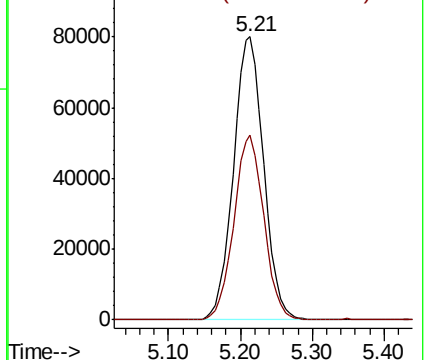
83 100

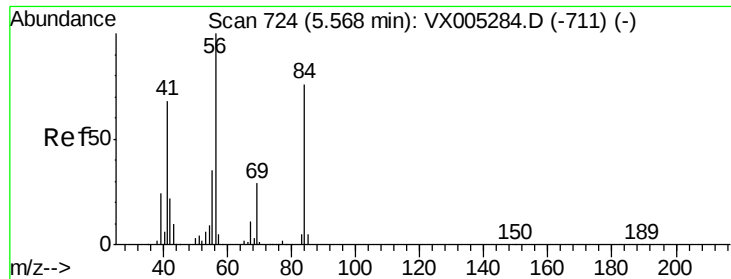
85 65.2 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

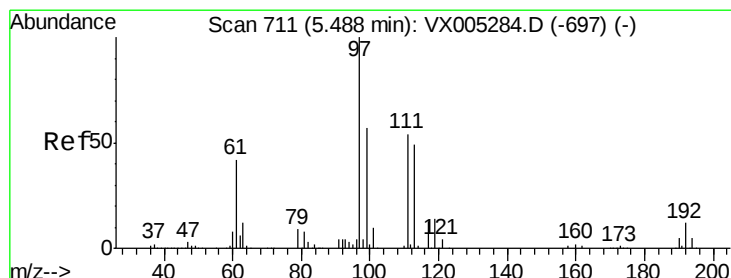
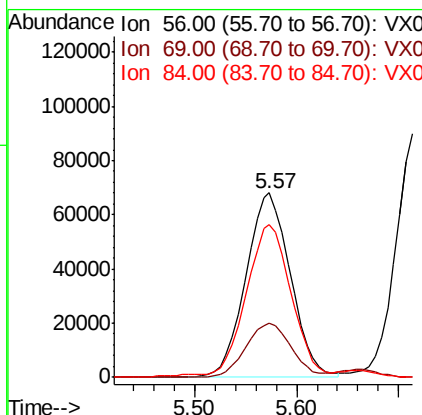
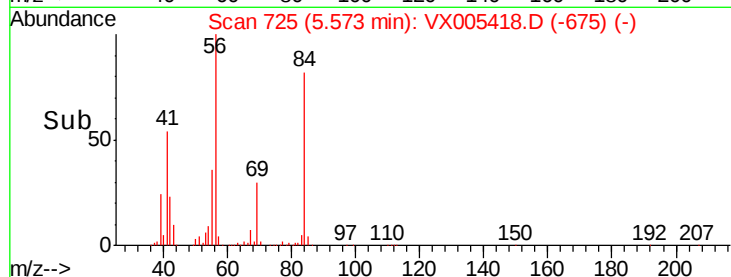
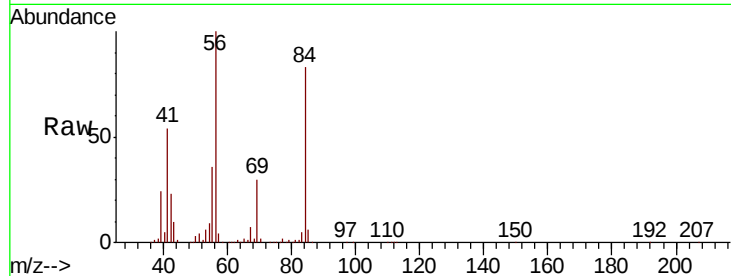




#31
Cyclohexane
Concen: 50.272 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.01 min
Lab File: VX005418.D
Acq: 18 Oct 2018 09:44

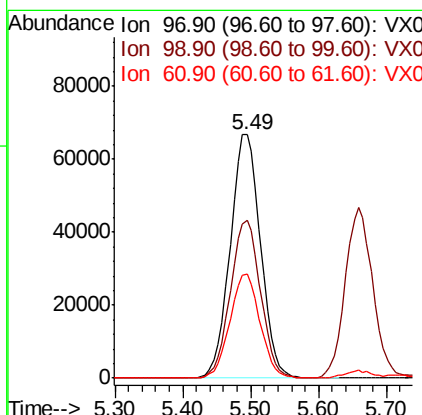
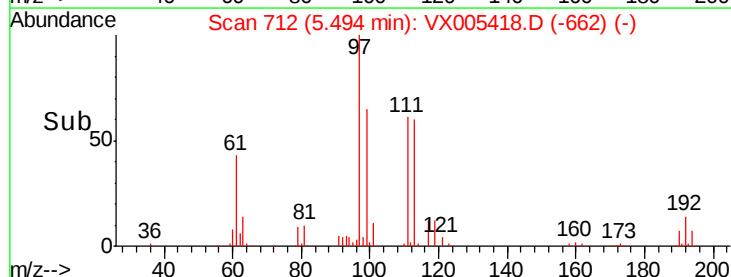
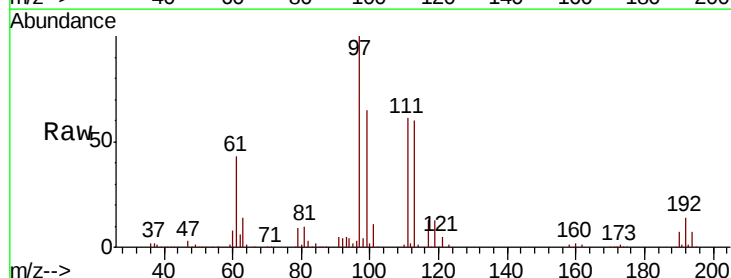
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

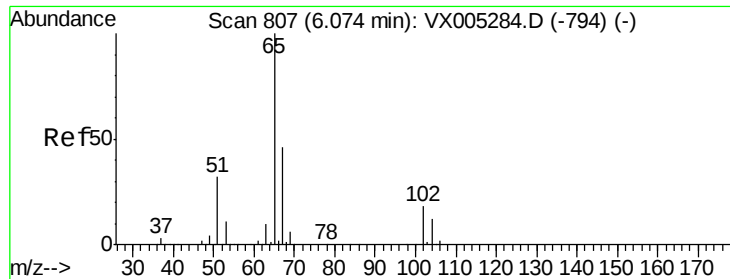
Tot Ion: 56 Resp: 205835
Ion Ratio Lower Upper
56 100
69 29.6 25.4 38.2
84 81.2 71.4 107.2



#32
1,1,1-Trichloroethane
Concen: 51.395 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.01 min
Lab File: VX005418.D
Acq: 18 Oct 2018 09:44

Tgt Ion: 97 Resp: 206200
Ion Ratio Lower Upper
97 100
99 64.5 52.0 78.0
61 42.4 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 47.167 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.01 min

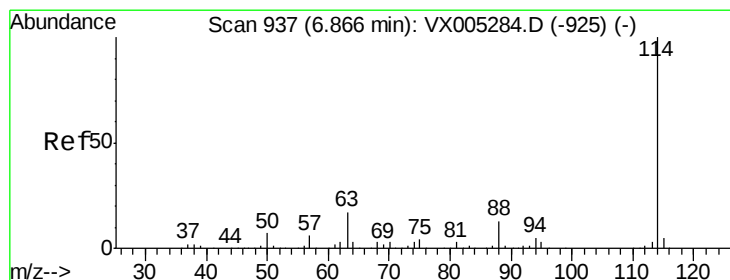
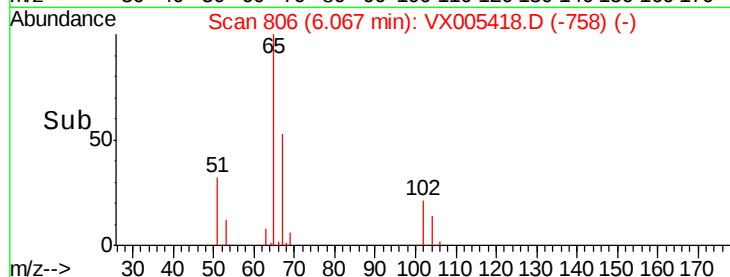
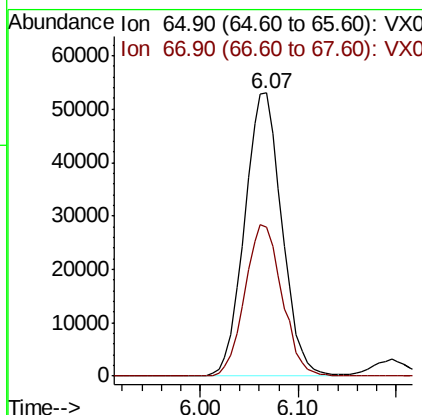
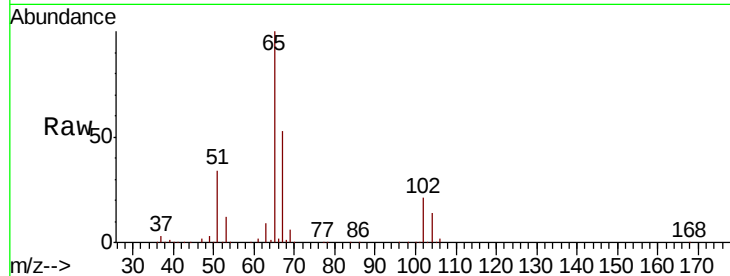
Lab File: VX005418.D

Acq: 18 Oct 2018 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 65 Resp: 140491

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

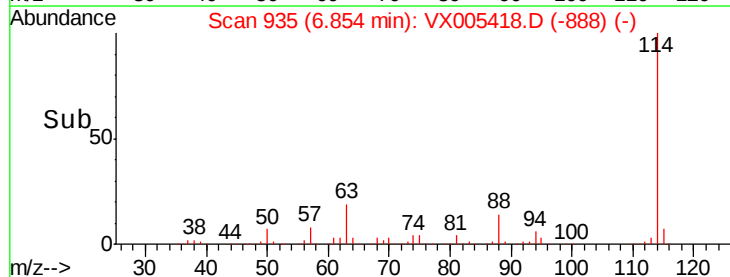
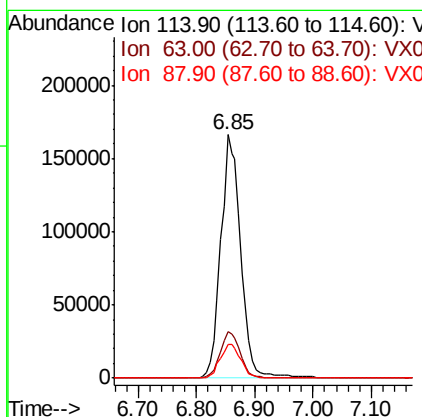
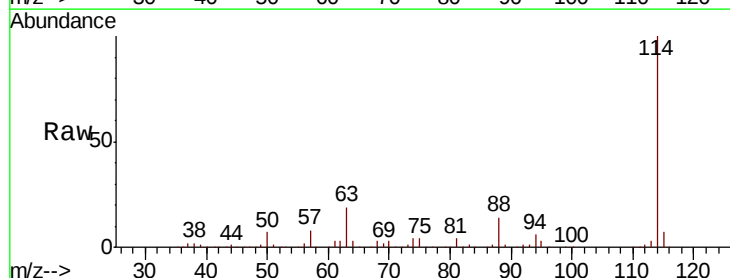
Delta R.T. -0.01 min

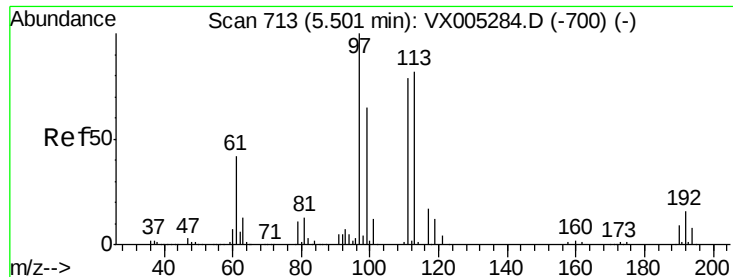
Lab File: VX005418.D

Acq: 18 Oct 2018 09:44

Tgt Ion: 114 Resp: 394190

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	39.0
88	13.9	0.0	30.4

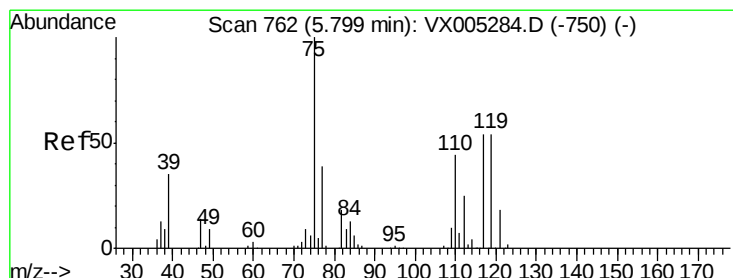
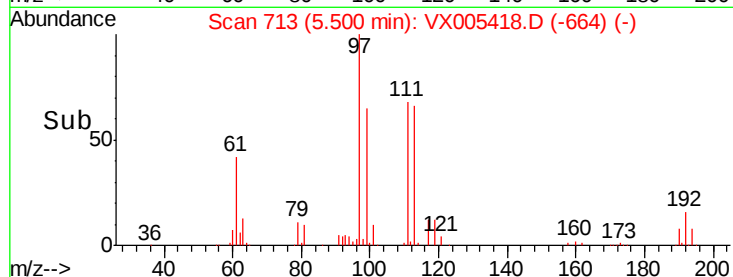
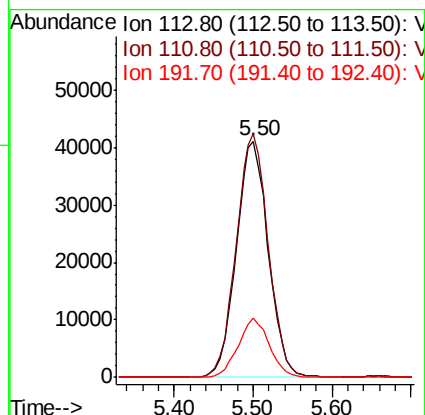
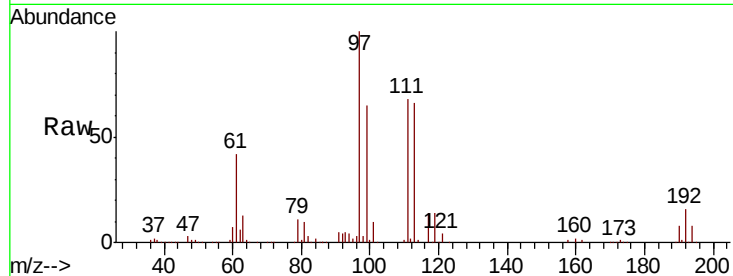




#35
 Dibromofluoromethane
 Concen: 44.259 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005418.D
 Acq: 18 Oct 2018 09:44

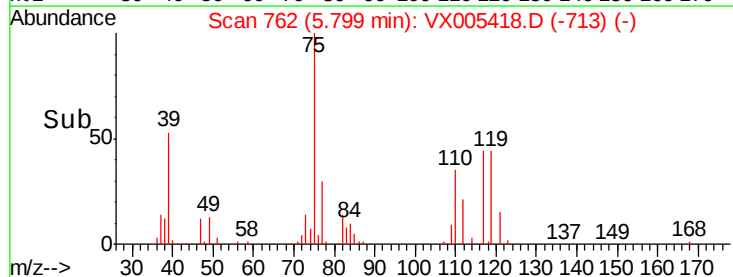
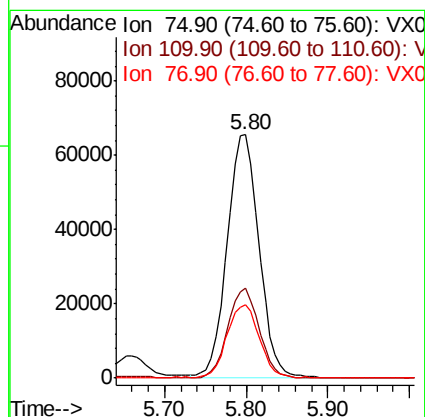
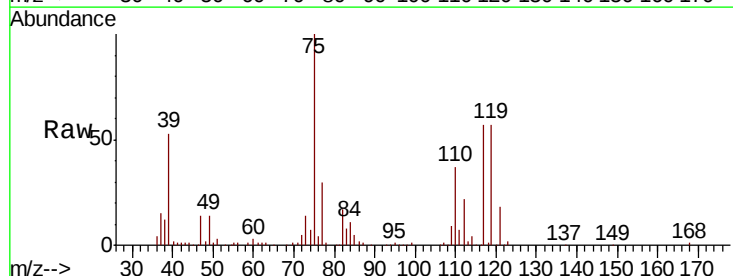
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

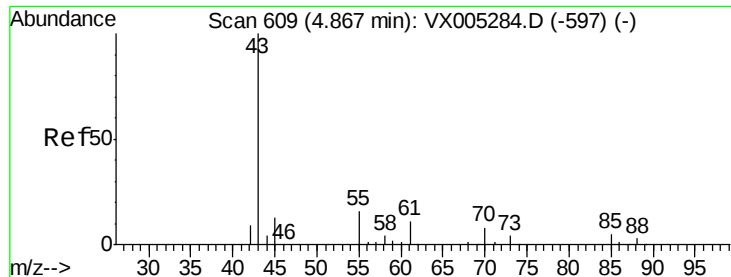
Tot Ion:113 Resp: 115551
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.4 123.6
 192 24.3 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 46.023 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX005418.D
 Acq: 18 Oct 2018 09:44

Tgt Ion: 75 Resp: 175702
 Ion Ratio Lower Upper
 75 100
 110 36.7 18.0 54.0
 77 30.8 24.6 36.8

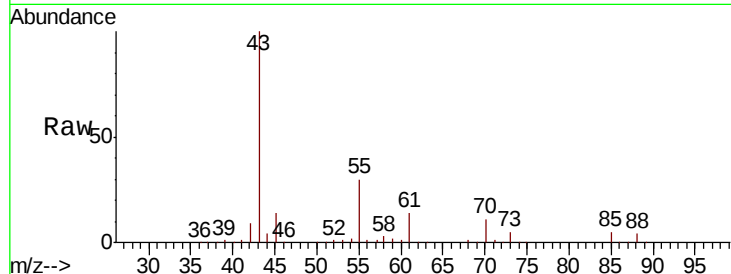




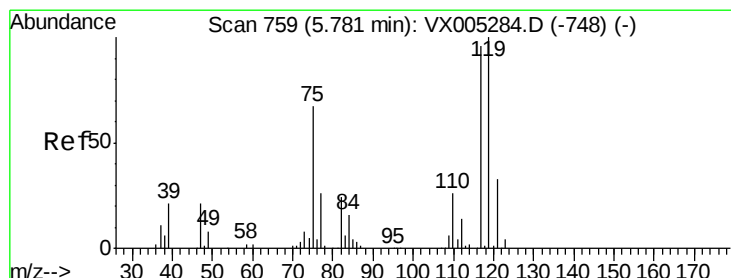
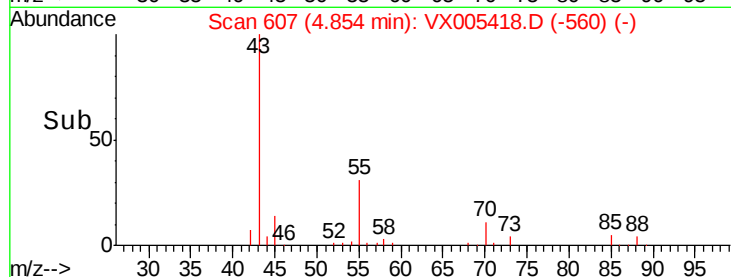
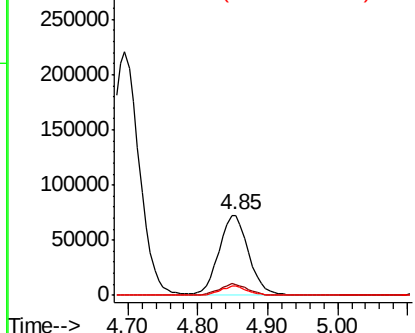
#37
Ethyl Acetate
Concen: 43.722 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX005418.D
Acq: 18 Oct 2018 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 214660
Ion Ratio Lower Upper
43 100
61 14.0 11.5 17.3
70 10.4 9.0 13.6

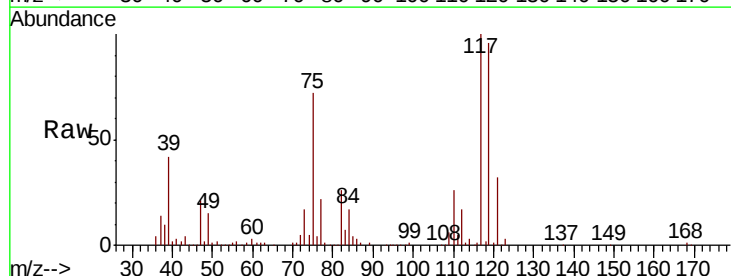


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

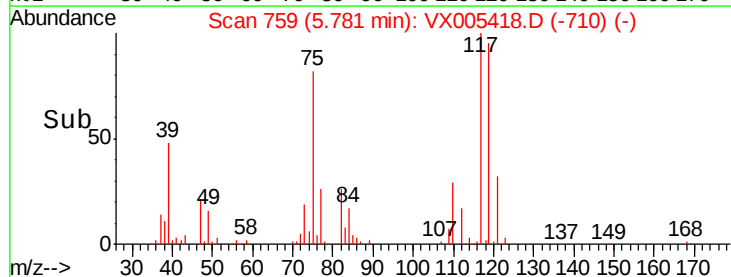
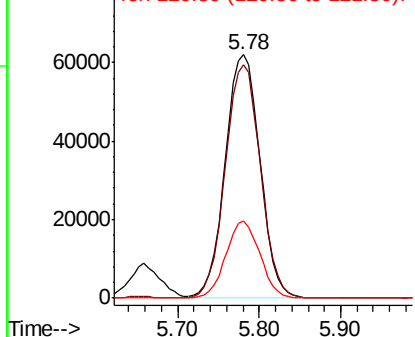


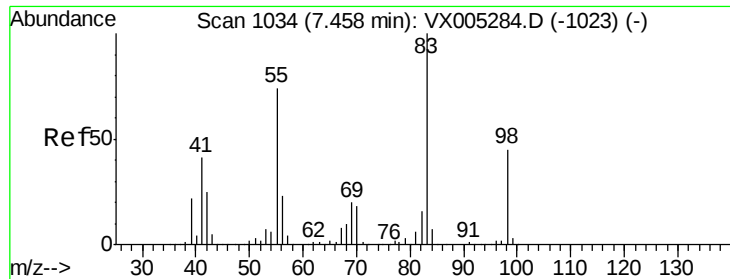
#38
Carbon Tetrachloride
Concen: 47.723 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005418.D
Acq: 18 Oct 2018 09:44

Tgt Ion: 117 Resp: 183066
Ion Ratio Lower Upper
117 100
119 96.0 78.8 118.2
121 31.7 24.9 37.3



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

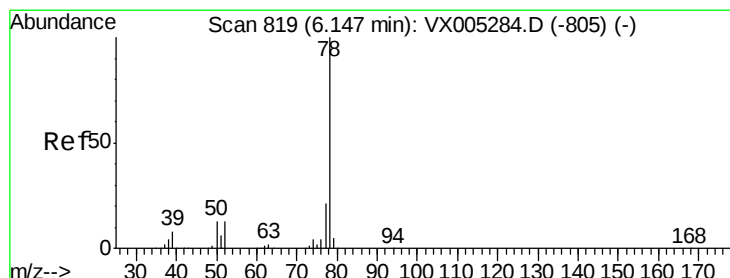
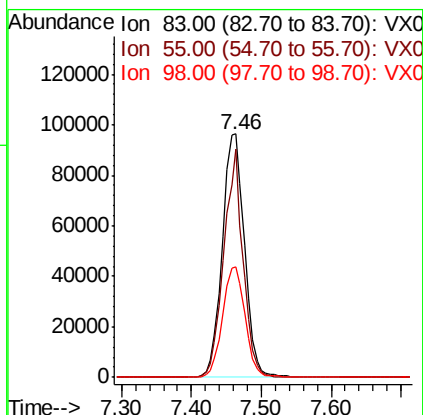
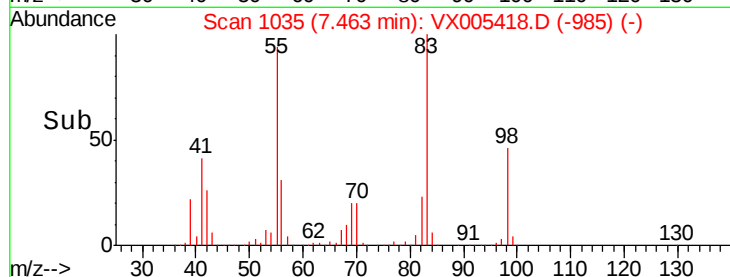
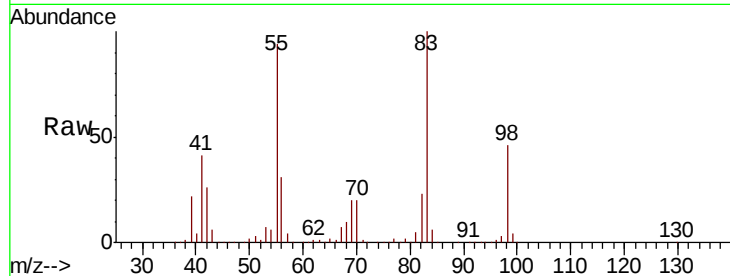




#39
Methvlcvclohexane
Concen: 51.444 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005418.D
Acq: 18 Oct 2018 09:44

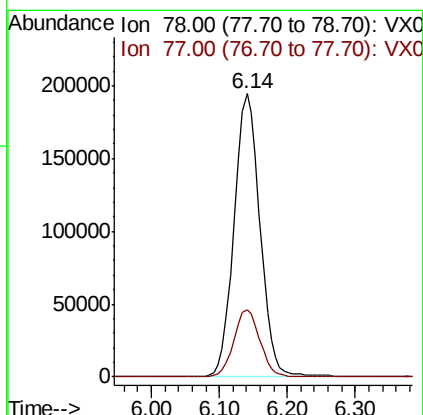
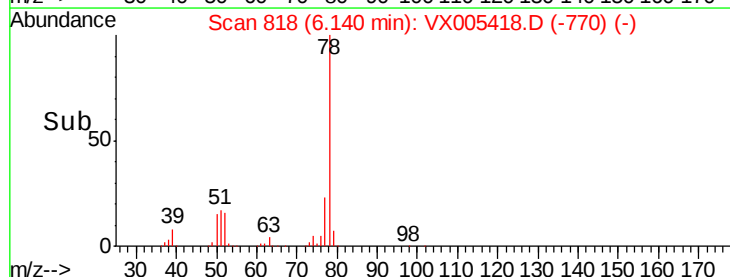
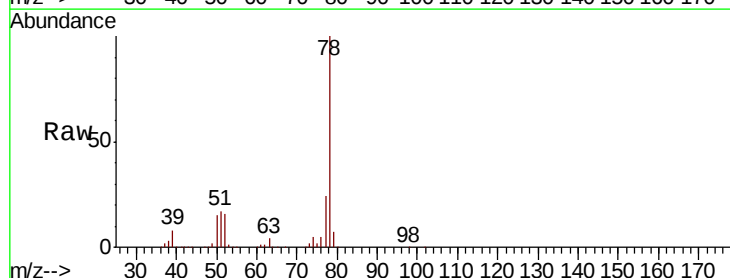
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 212561
Ion Ratio Lower Upper
83 100
55 93.8 61.0 91.4#
98 45.6 39.6 59.4



#40
Benzene
Concen: 44.954 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX005418.D
Acq: 18 Oct 2018 09:44

Tgt Ion: 78 Resp: 514830
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4

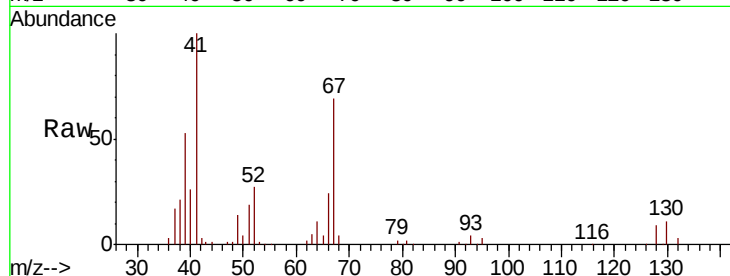




#41
Methacrylonitrile
Concen: 46.196 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX005418.D
Acq: 18 Oct 2018 09:44

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion:	41	Resp:	121592
Ion	Ratio	Lower	Upper
41	100		
39	52.8	42.4	63.6
67	68.3	59.2	88.8
52	27.4	23.0	34.4



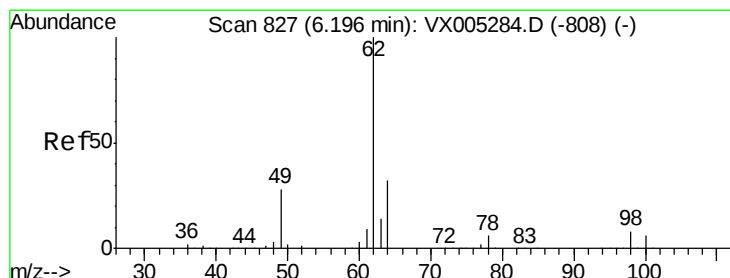
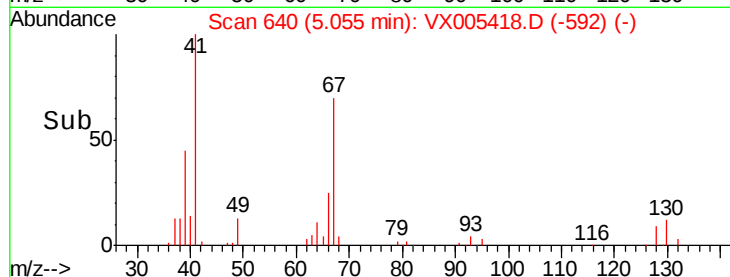
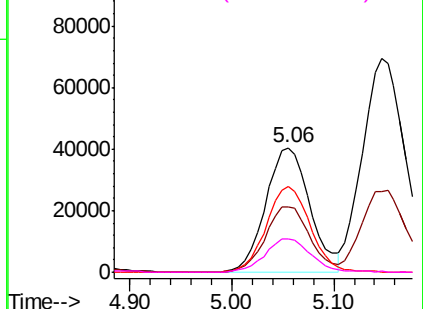
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

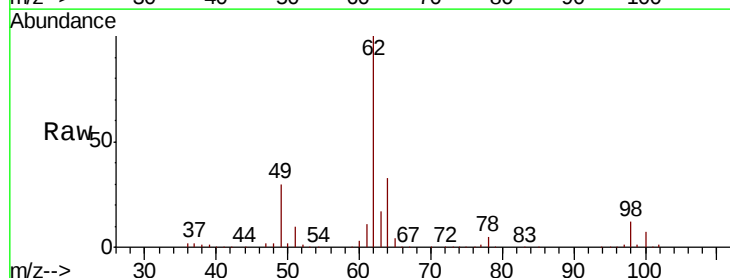
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 46.073 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005418.D
Acq: 18 Oct 2018 09:44

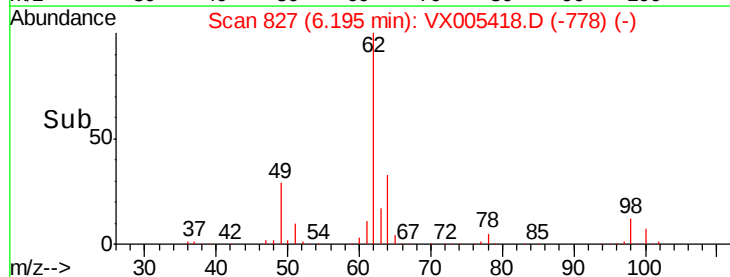
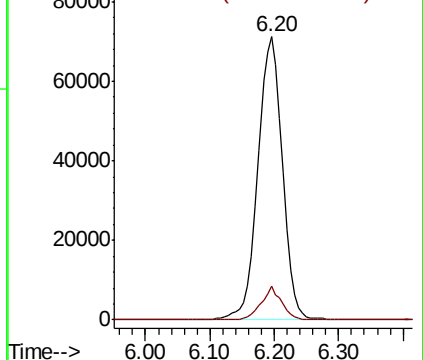
Tgt Ion:	62	Resp:	186311
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	20.6

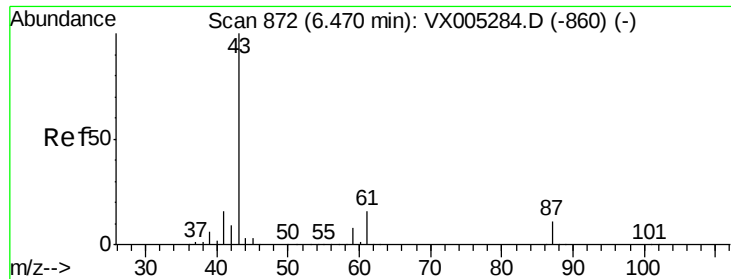


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



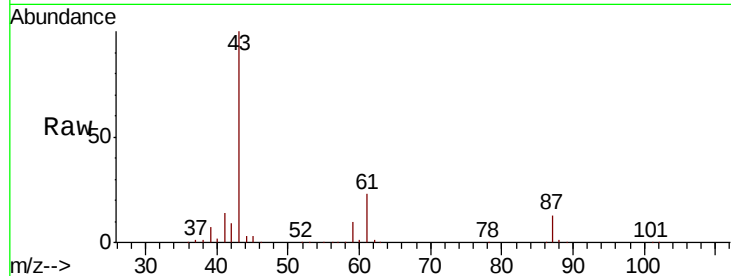


#43

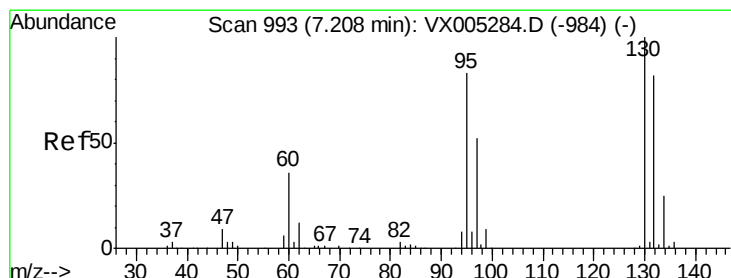
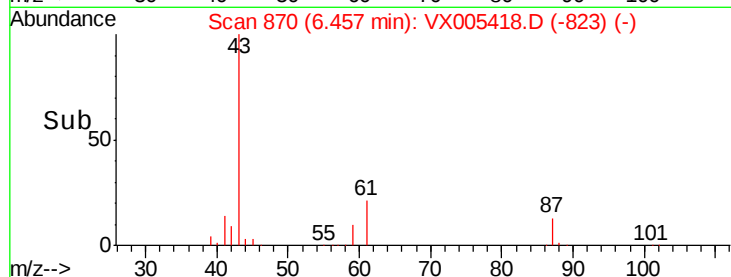
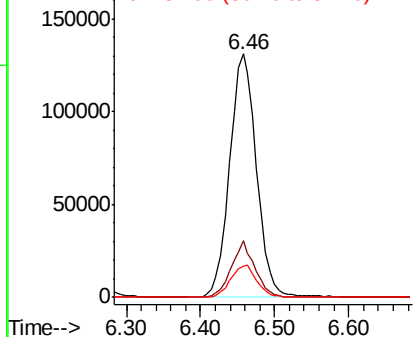
Isopropyl Acetate
 Concen: 50.413 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: VX005418.D
 Acq: 18 Oct 2018 09:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 329708
 Ion Ratio Lower Upper
 43 100
 61 20.5 17.0 25.4
 87 12.9 11.4 17.2



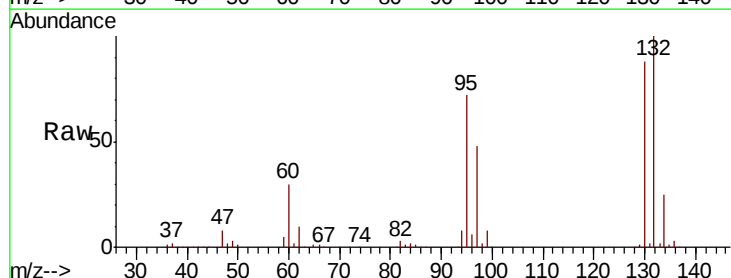
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



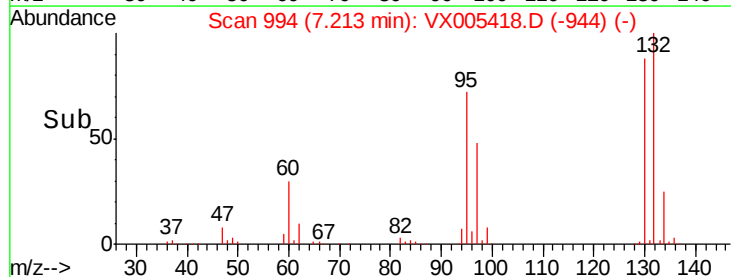
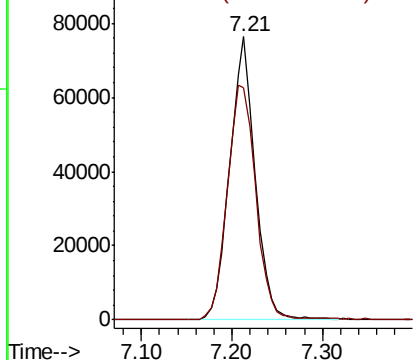
#44

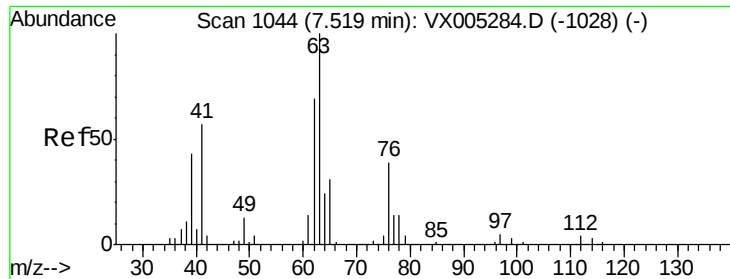
Trichloroethene
 Concen: 50.935 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX005418.D
 Acq: 18 Oct 2018 09:44

Tgt Ion: 130 Resp: 148909
 Ion Ratio Lower Upper
 130 100
 95 82.0 0.0 181.6



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

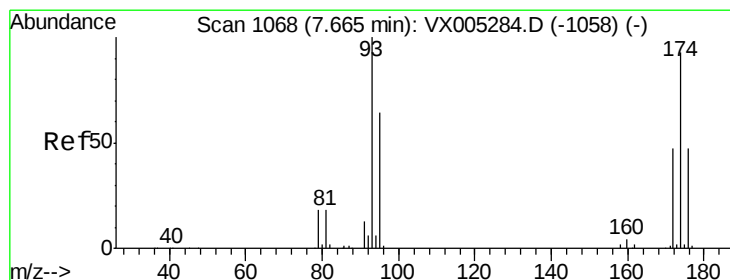
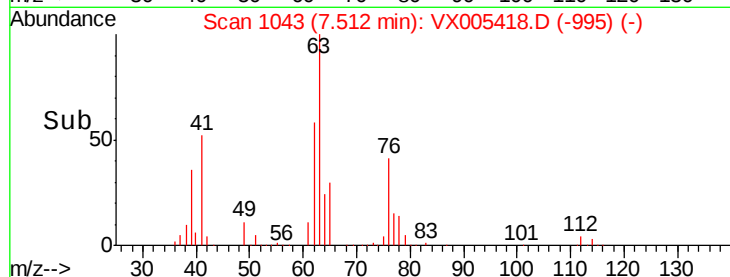
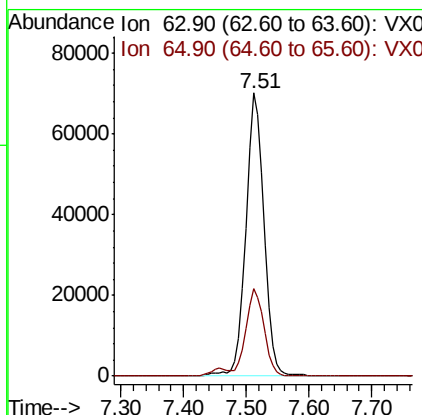
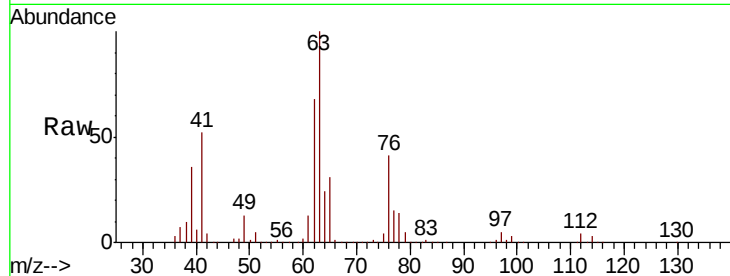




#45
 1,2-Dichloropropane
 Concen: 50.080 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX005418.D
 Acq: 18 Oct 2018 09:44

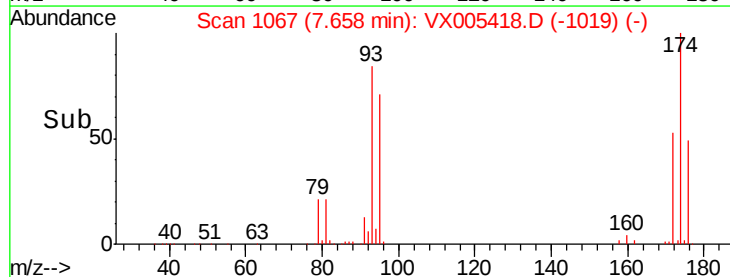
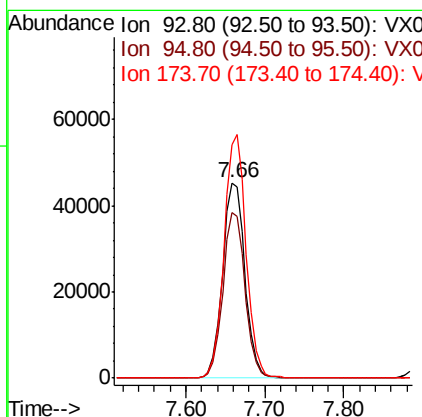
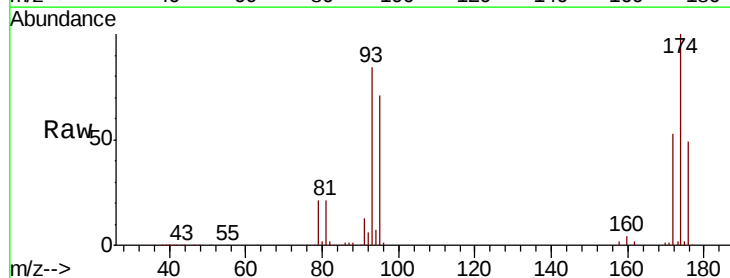
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

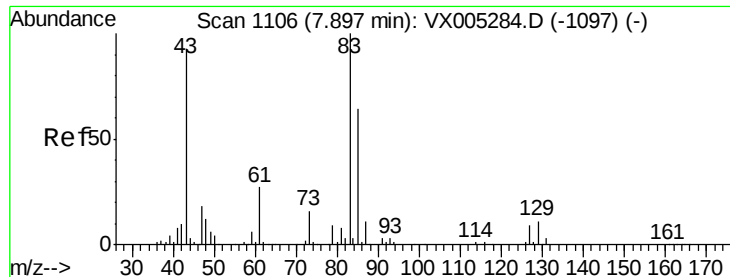
Tot Ion: 63 Resp: 140687
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.3 36.5



#46
 Dibromomethane
 Concen: 48.258 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: VX005418.D
 Acq: 18 Oct 2018 09:44

Tgt Ion: 93 Resp: 89476
 Ion Ratio Lower Upper
 93 100
 95 84.2 65.5 98.3
 174 122.1 94.2 141.4





#47

Bromodichloromethane

Concen: 51.478 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005418.D

Acq: 18 Oct 2018 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

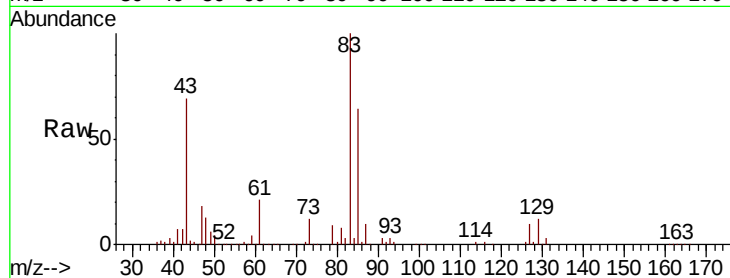
Tot Ion: 83 Resp: 176550

Ion Ratio Lower Upper

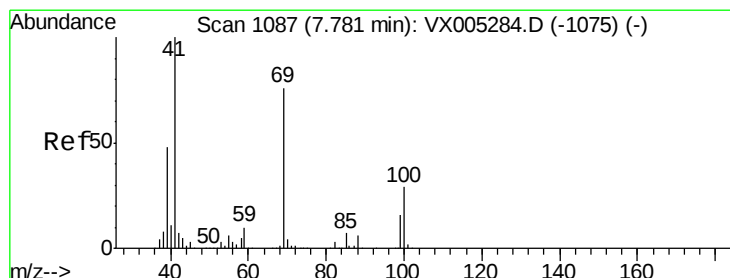
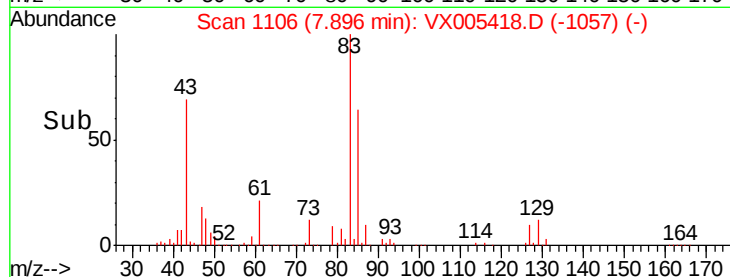
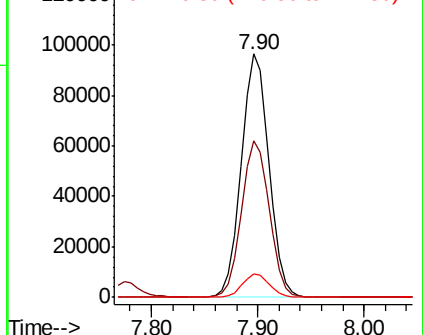
83 100

85 64.1 50.9 76.3

127 9.5 7.3 10.9



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: 50.642 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX005418.D

Acq: 18 Oct 2018 09:44

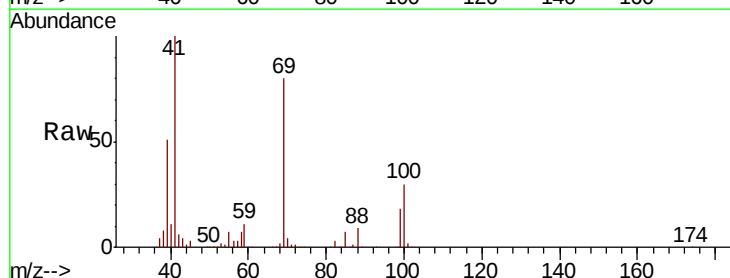
Tgt Ion: 41 Resp: 171779

Ion Ratio Lower Upper

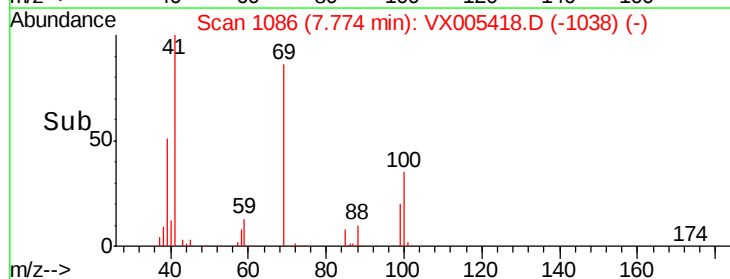
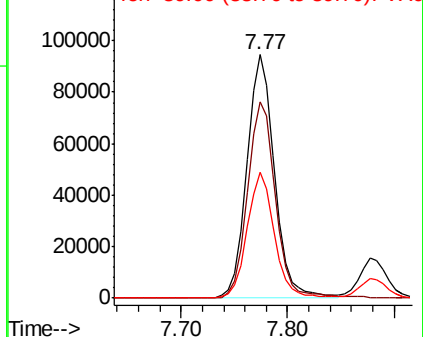
41 100

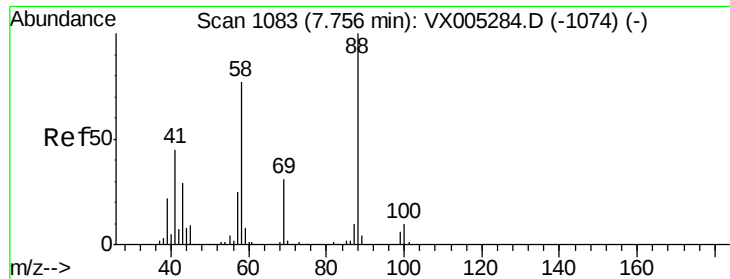
69 82.1 70.2 105.4

39 51.2 42.7 64.1



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

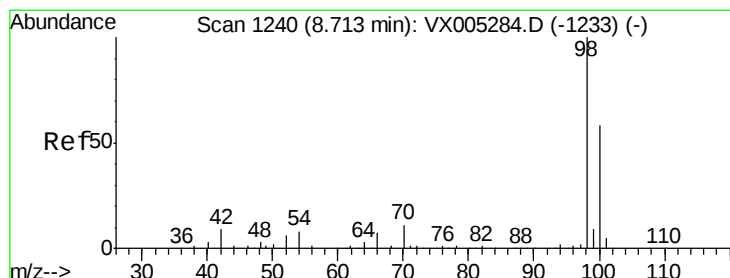
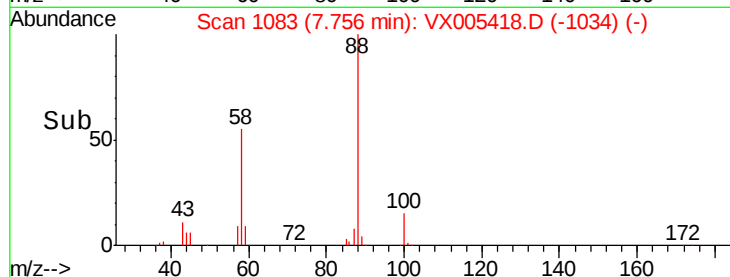
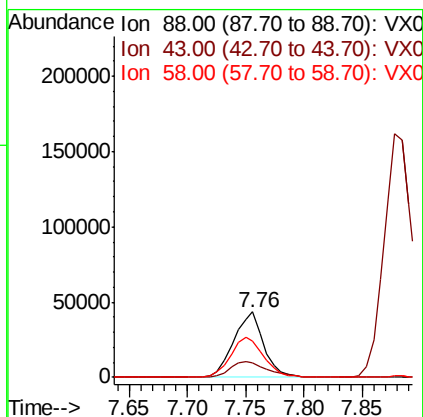
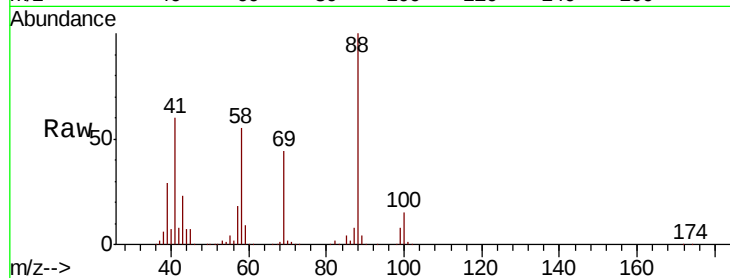




#49
1,4-Dioxane
Concen: 996.180 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005418.D
Acq: 18 Oct 2018 09:44

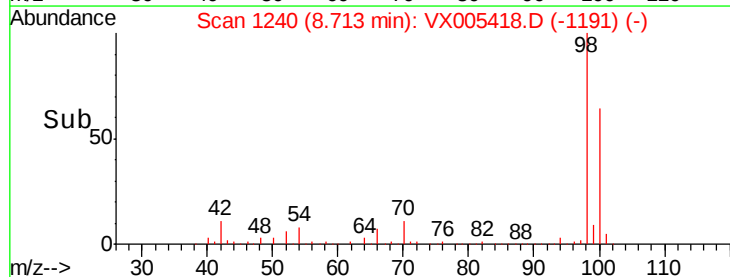
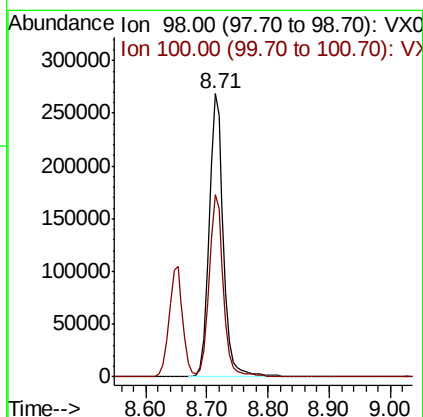
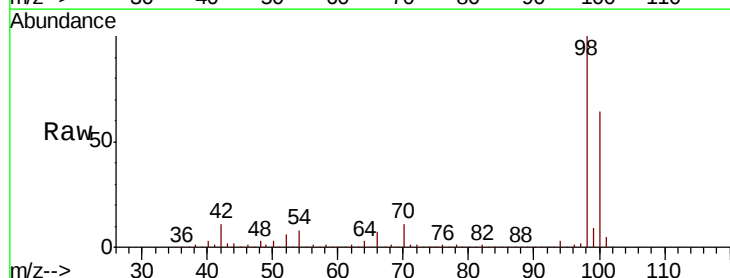
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

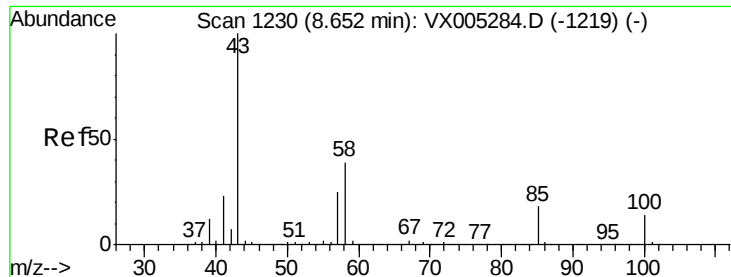
Tot Ion: 88 Resp: 77938
Ion Ratio Lower Upper
88 100
43 30.2 24.7 37.1
58 67.6 55.3 82.9



#50
Toluene-d8
Concen: 49.116 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005418.D
Acq: 18 Oct 2018 09:44

Tgt Ion: 98 Resp: 440234
Ion Ratio Lower Upper
98 100
100 65.0 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 253.913 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX005418.D

Acq: 18 Oct 2018 09:44

Instrument :

MSVOA_X

ClientSampleId :

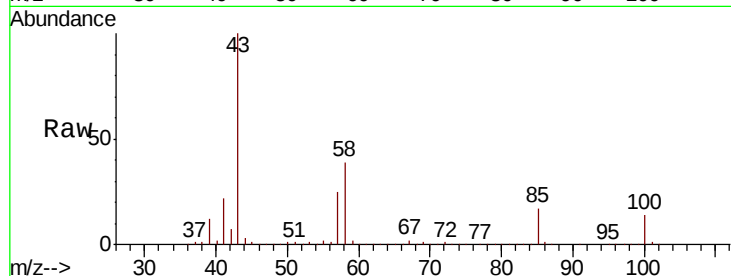
VSTDCCC050

Tot Ion: 43 Resp: 1149841

Ion Ratio Lower Upper

43 100

58 38.4 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX005284.D (-1219) (-)

Ion 58.00 (57.70 to 58.70): VX005284.D (-1219) (-)

8.65

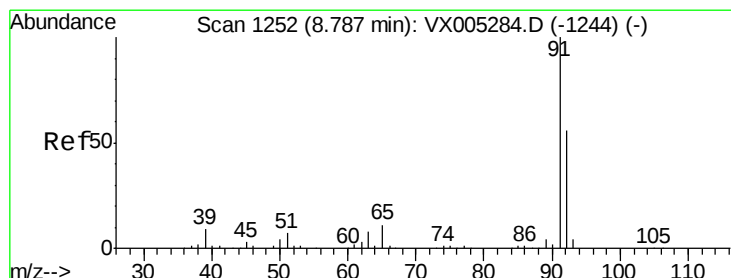
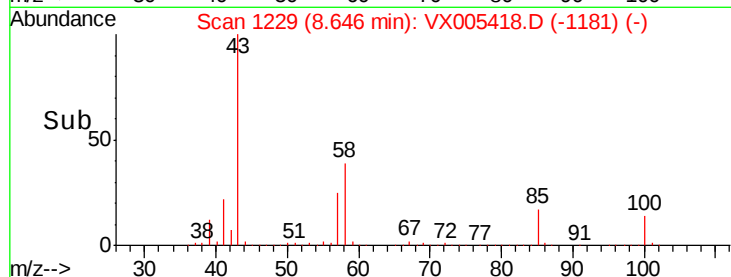
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 52.846 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005418.D

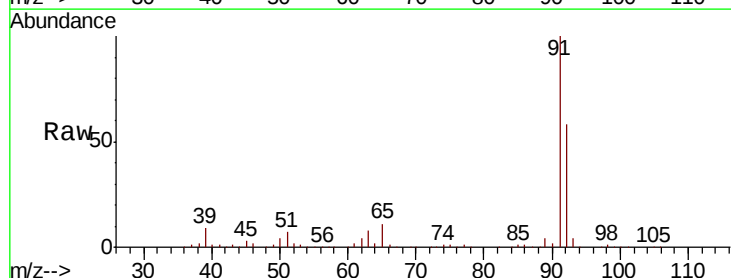
Acq: 18 Oct 2018 09:44

Tgt Ion: 92 Resp: 331106

Ion Ratio Lower Upper

92 100

91 174.9 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX005284.D (-1244) (-)

Ion 91.00 (90.70 to 91.70): VX005284.D (-1244) (-)

8.79

400000

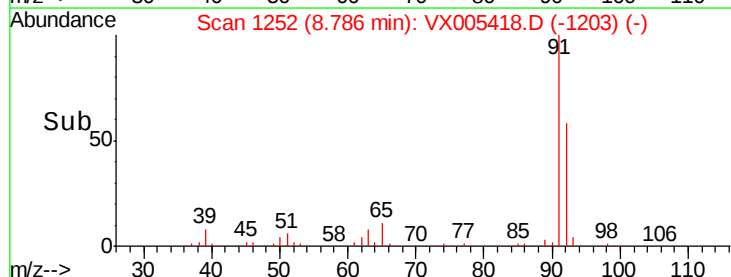
300000

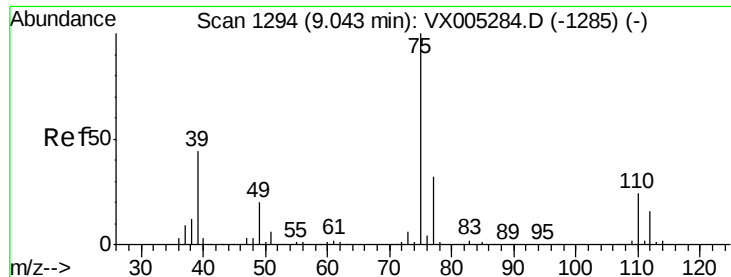
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 55.124 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX005418.D

Acq: 18 Oct 2018 09:44

Instrument :

MSVOA_X

ClientSampleId :

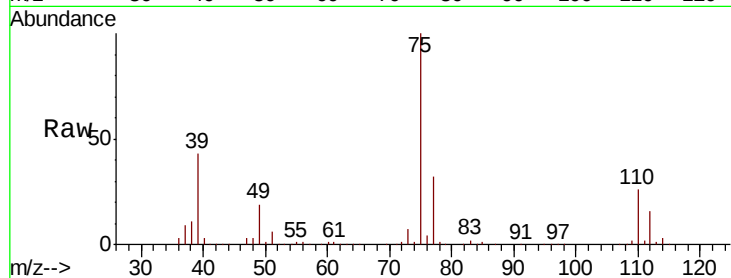
VSTDCCC050

Tot Ion: 75 Resp: 204595

Ion Ratio Lower Upper

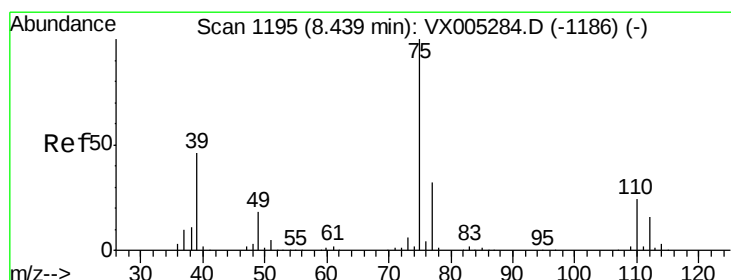
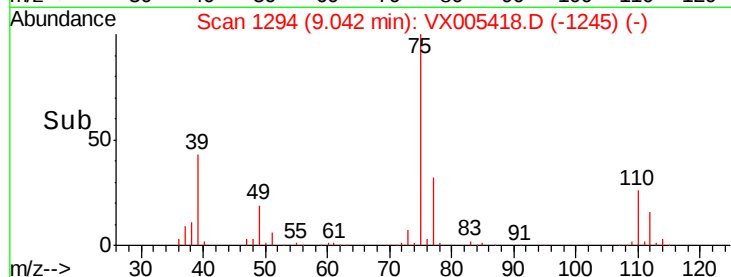
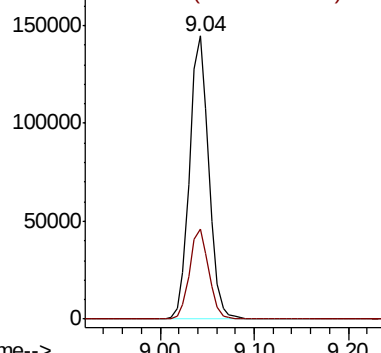
75 100

77 32.0 24.6 37.0



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: 54.586 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.01 min

Lab File: VX005418.D

Acq: 18 Oct 2018 09:44

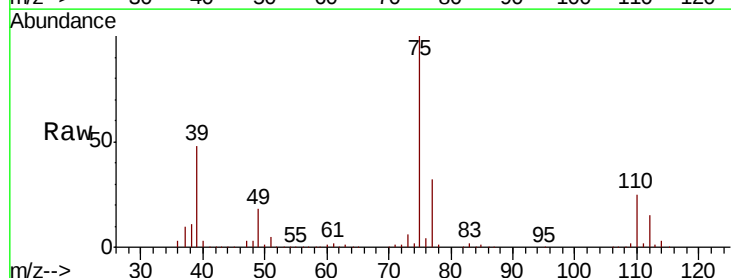
Tgt Ion: 75 Resp: 219521

Ion Ratio Lower Upper

75 100

77 31.5 26.2 39.2

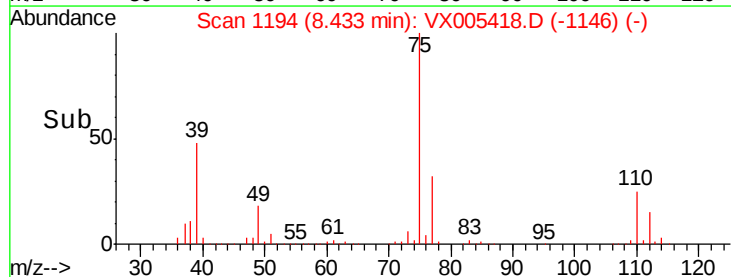
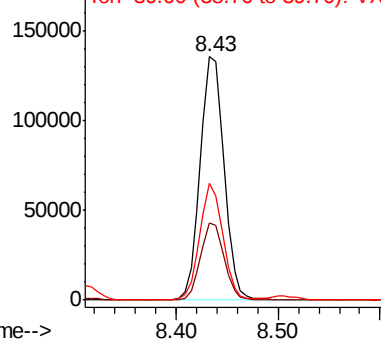
39 47.7 36.4 54.6



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

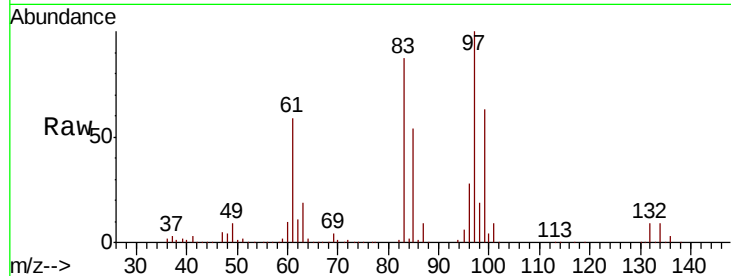




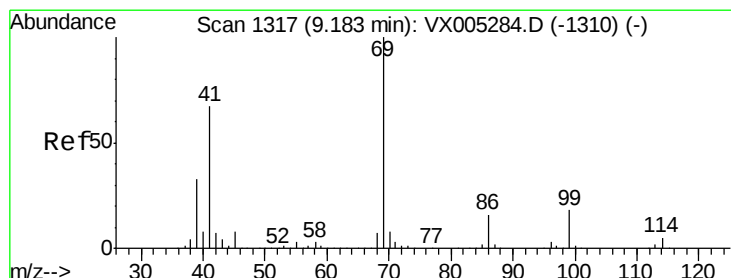
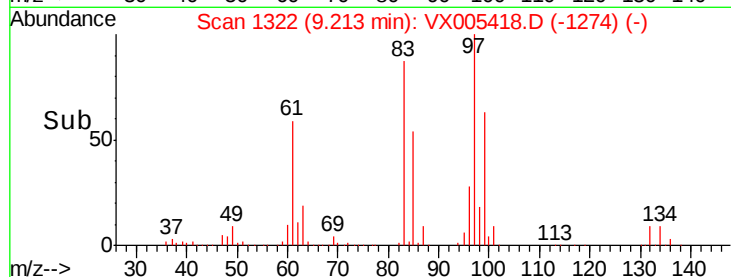
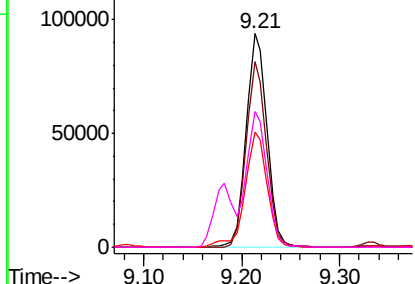
#55
 1,1,2-Trichloroethane
 Concen: 52.313 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: VX005418.D
 Acq: 18 Oct 2018 09:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	138826
Ion	Ratio	Lower	Upper
97	100		
83	87.1	66.4	99.6
85	53.9	43.3	64.9
99	63.3	49.0	73.4

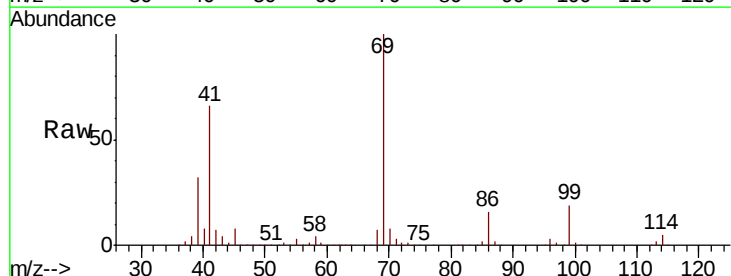


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

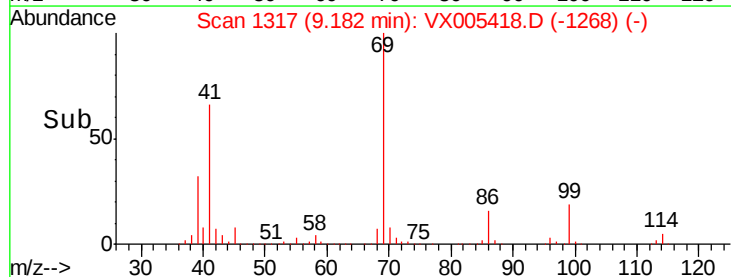
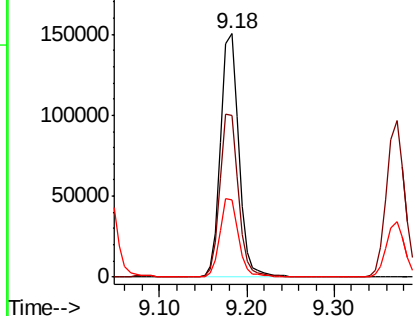


#56
 Ethyl methacrylate
 Concen: 55.879 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005418.D
 Acq: 18 Oct 2018 09:44

Tgt Ion:	69	Resp:	216178
Ion	Ratio	Lower	Upper
69	100		
41	67.3	51.0	76.4
39	32.7	26.1	39.1



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





#57

1,3-Dichloropropane

Concen: 51.435 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005418.D

Acq: 18 Oct 2018 09:44

Instrument :

MSVOA_X

ClientSampleId :

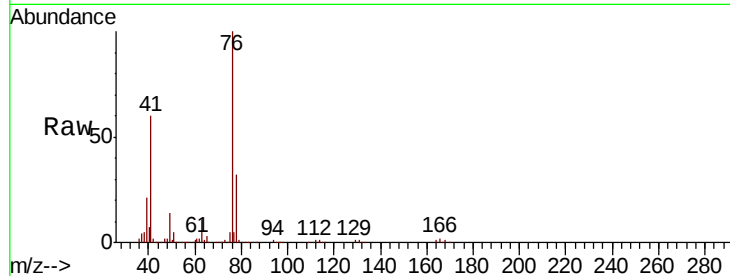
VSTDCCC050

Tot Ion: 76 Resp: 227825

Ion Ratio Lower Upper

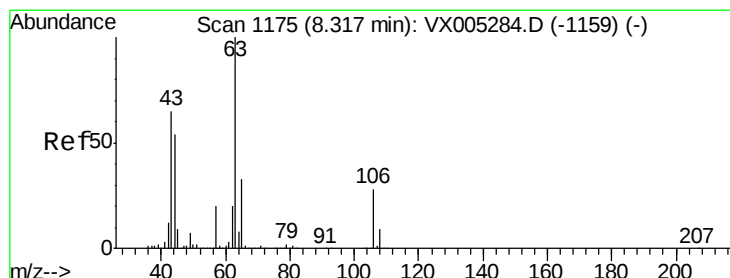
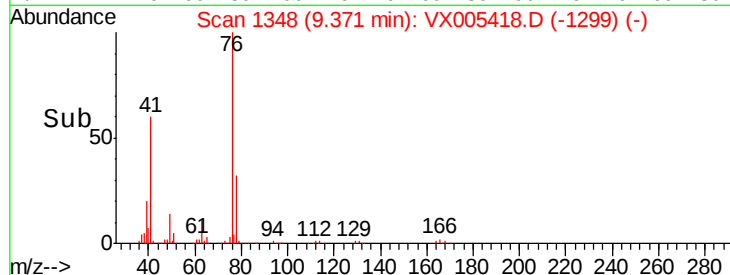
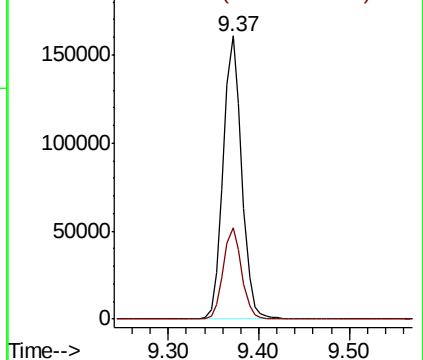
76 100

78 32.2 25.5 38.3



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: 307.347 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX005418.D

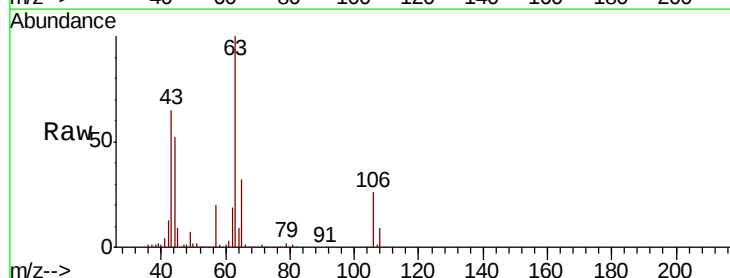
Acq: 18 Oct 2018 09:44

Tgt Ion: 63 Resp: 666830

Ion Ratio Lower Upper

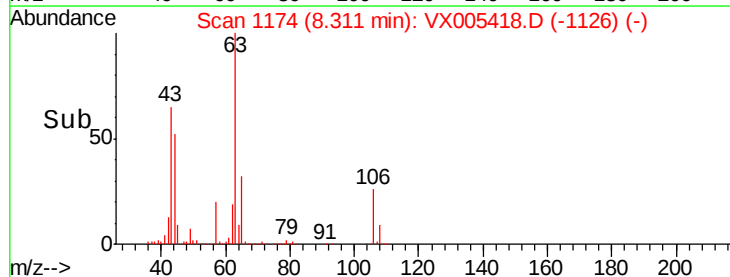
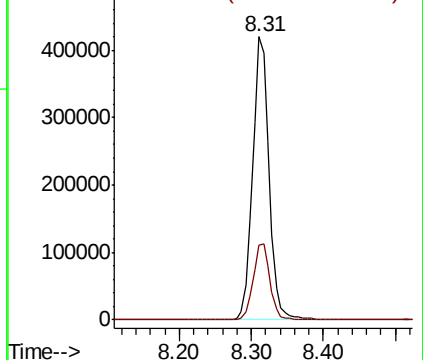
63 100

106 27.6 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

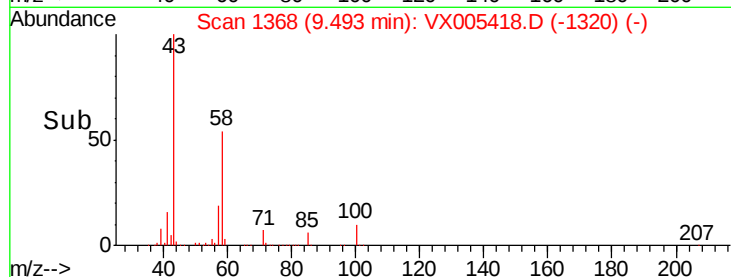
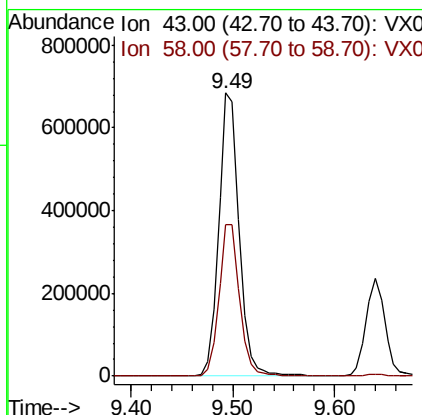
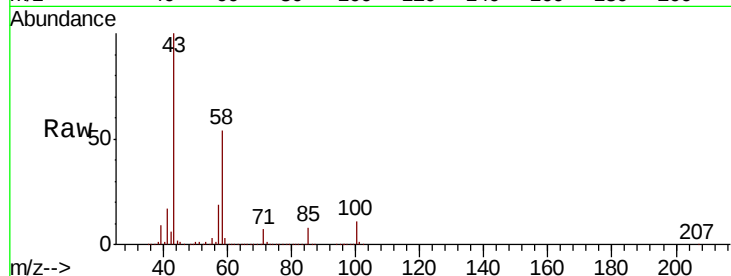




#59
2-Hexanone
Concen: 263.869 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005418.D
Acq: 18 Oct 2018 09:44

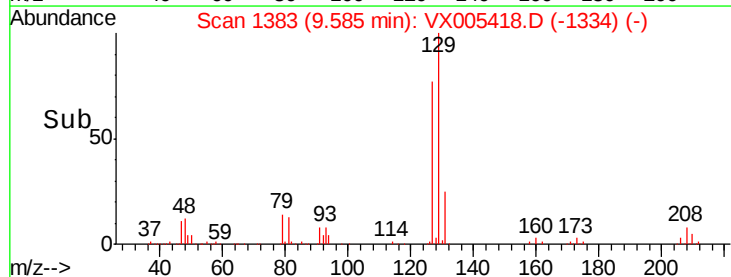
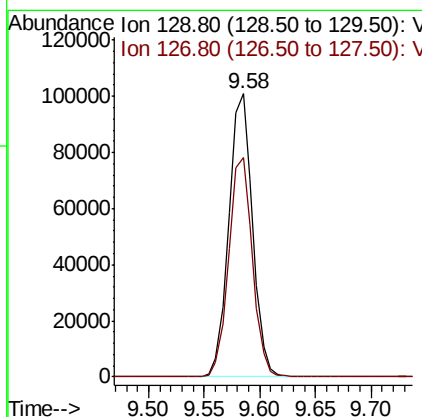
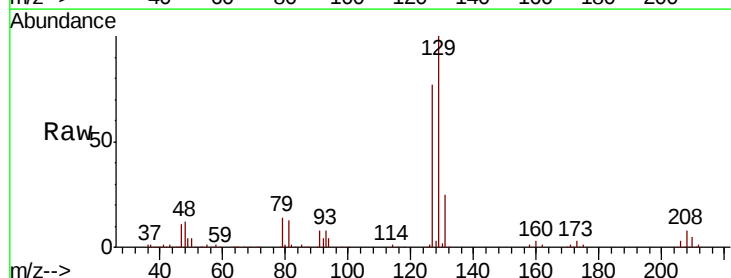
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

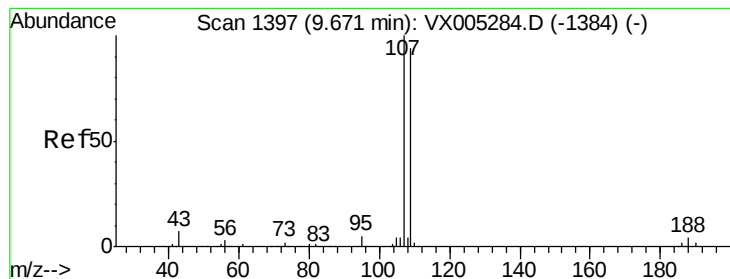
Tot Ion: 43 Resp: 961205
Ion Ratio Lower Upper
43 100
58 54.1 29.0 87.0



#60
Dibromochloromethane
Concen: 54.102 ug/l
RT: 9.58 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005418.D
Acq: 18 Oct 2018 09:44

Tgt Ion:129 Resp: 148409
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 51.491 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005418.D

Acq: 18 Oct 2018 09:44

Instrument :

MSVOA_X

ClientSampleId :

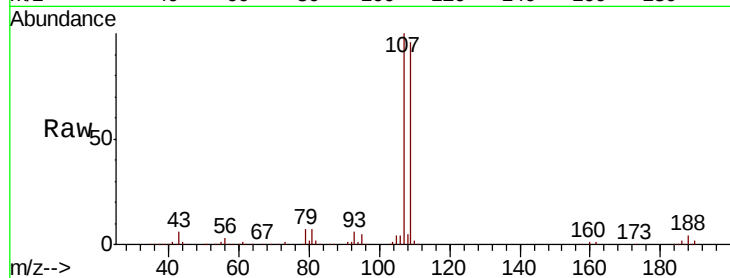
VSTDCCC050

Tot Ion:107 Resp: 143406

Ion Ratio Lower Upper

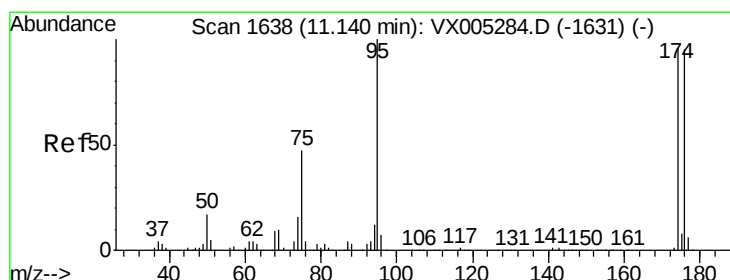
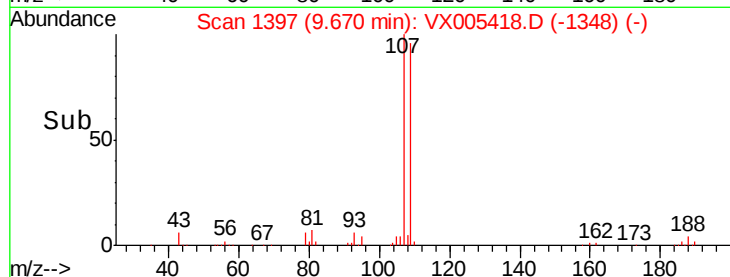
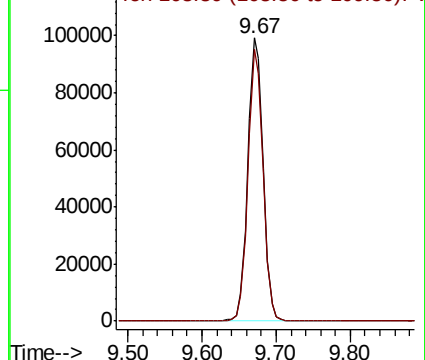
107 100

109 94.8 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.721 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005418.D

Acq: 18 Oct 2018 09:44

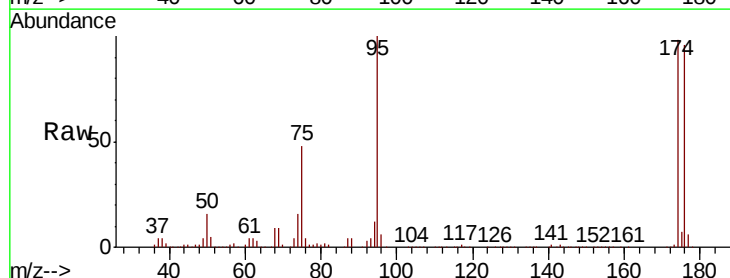
Tgt Ion: 95 Resp: 167415

Ion Ratio Lower Upper

95 100

174 94.5 0.0 185.2

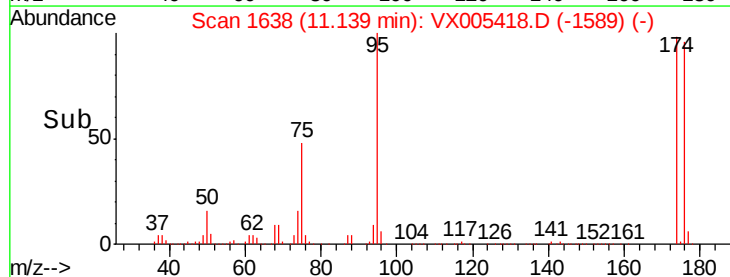
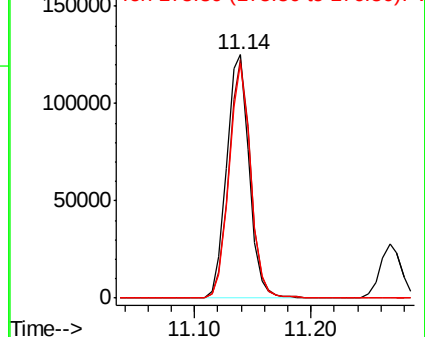
176 92.6 0.0 178.6



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

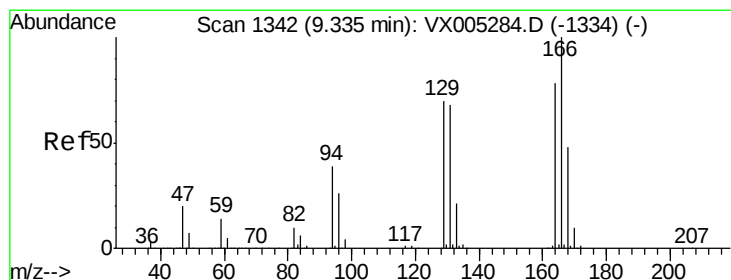
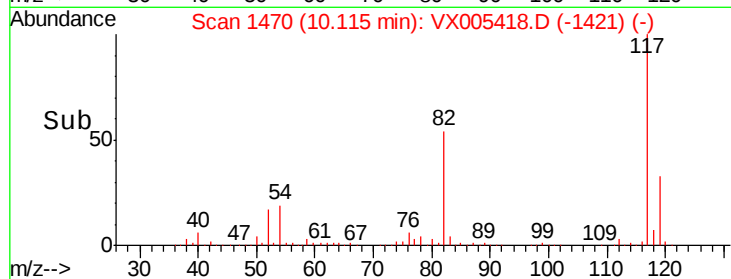
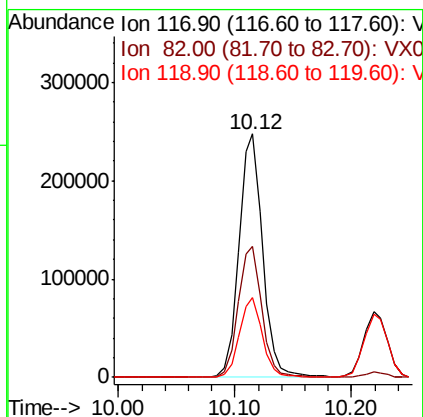
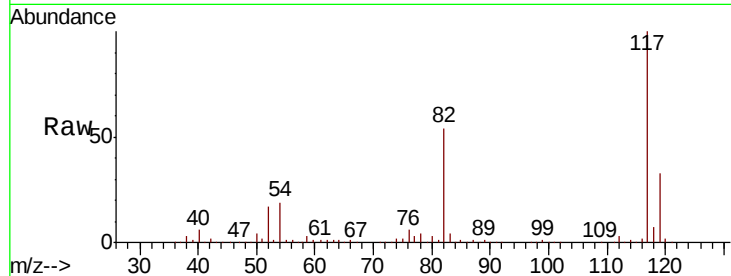




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005418.D
Acq: 18 Oct 2018 09:44

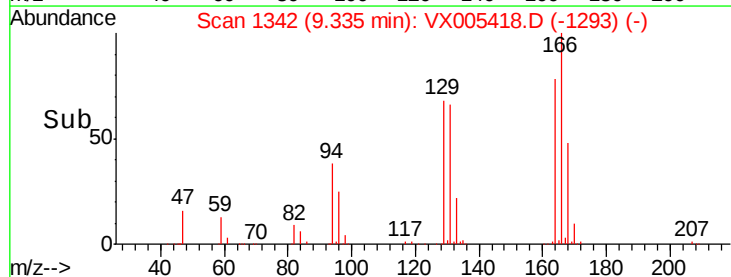
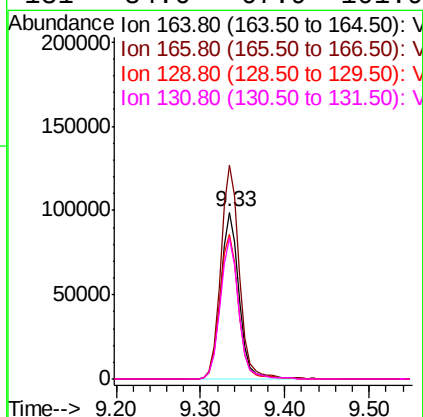
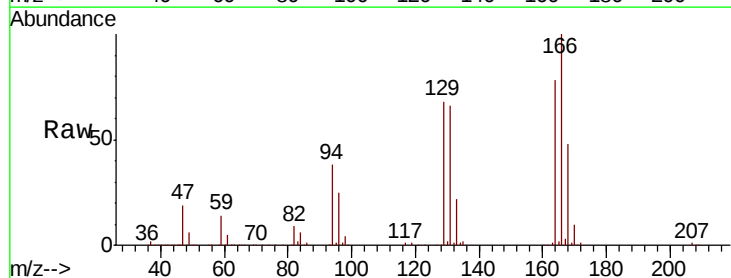
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 348863
Ion Ratio Lower Upper
117 100
82 53.8 47.8 71.6
119 33.0 29.3 43.9



#64
Tetrachloroethene
Concen: 52.959 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005418.D
Acq: 18 Oct 2018 09:44

Tgt Ion:164 Resp: 148736
Ion Ratio Lower Upper
164 100
166 128.2 102.8 154.2
129 87.0 69.4 104.0
131 84.6 67.9 101.9

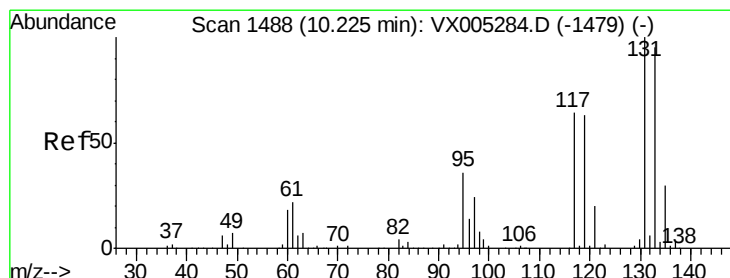
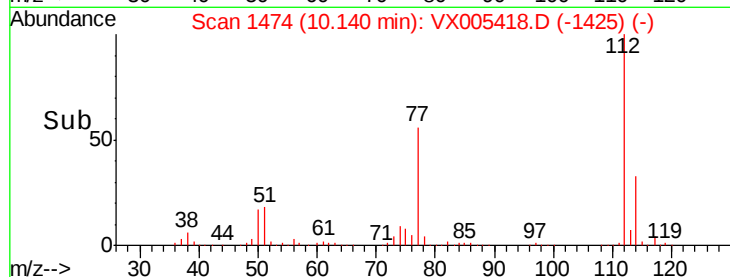
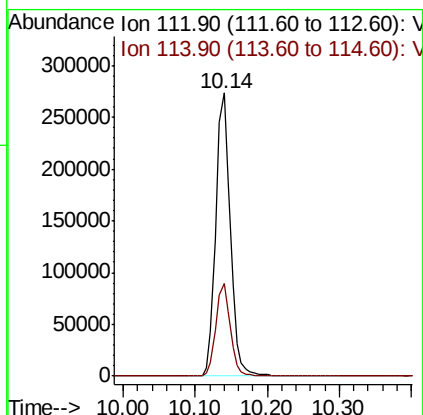
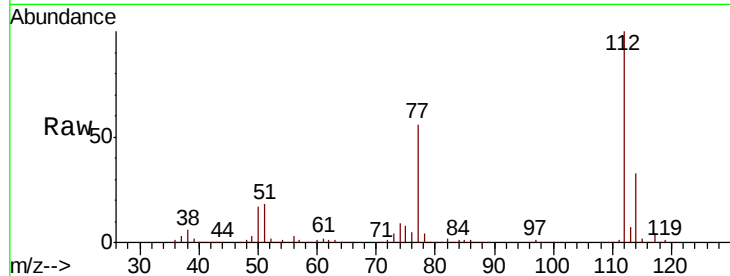




#65
Chlorobenzene
Concen: 51.451 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005418.D
Acq: 18 Oct 2018 09:44

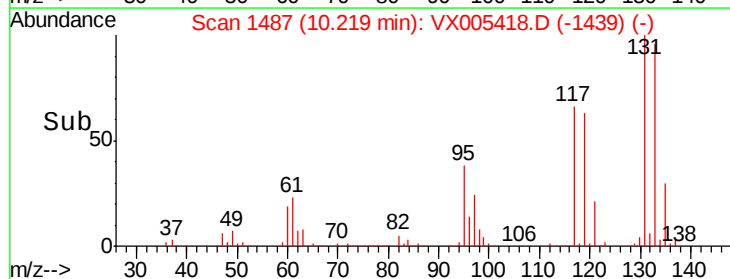
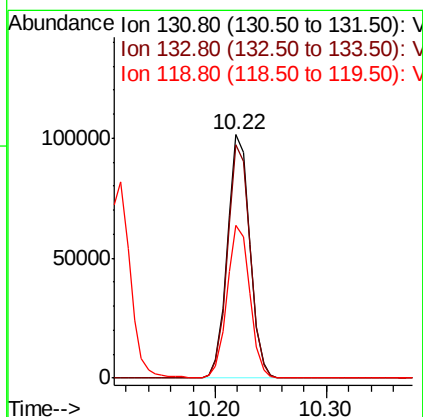
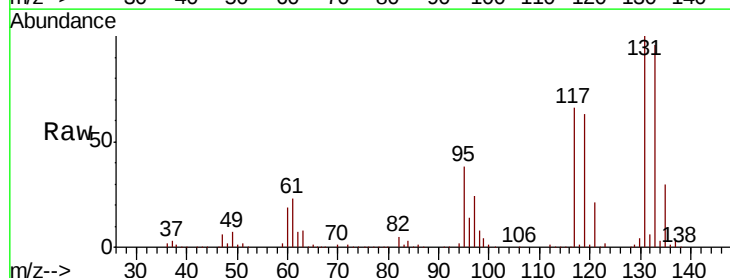
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

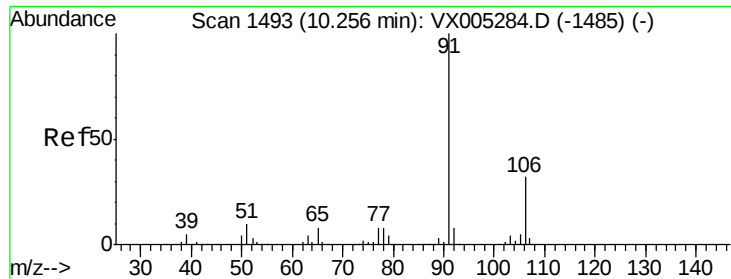
Tot Ion:112 Resp: 381807
Ion Ratio Lower Upper
112 100
114 32.6 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 53.472 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VX005418.D
Acq: 18 Oct 2018 09:44

Tgt Ion:131 Resp: 141404
Ion Ratio Lower Upper
131 100
133 96.3 48.1 144.4
119 63.8 32.9 98.6

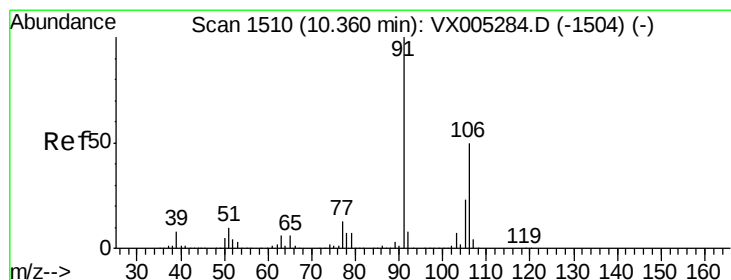
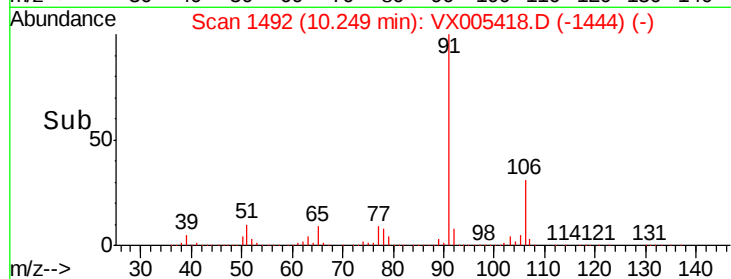
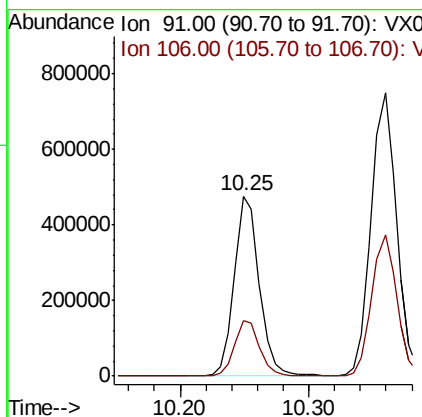
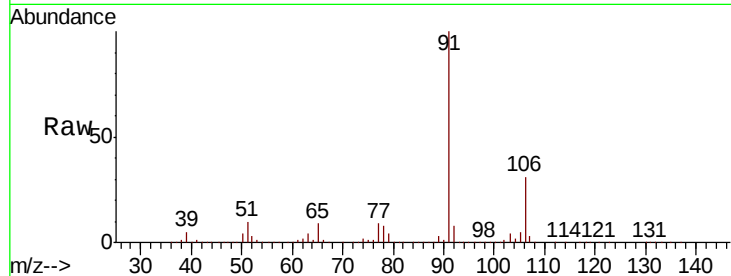




#67
Ethyl Benzene
Concen: 53.795 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX005418.D
Acq: 18 Oct 2018 09:44

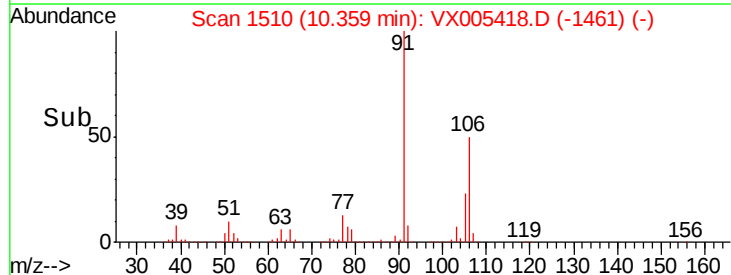
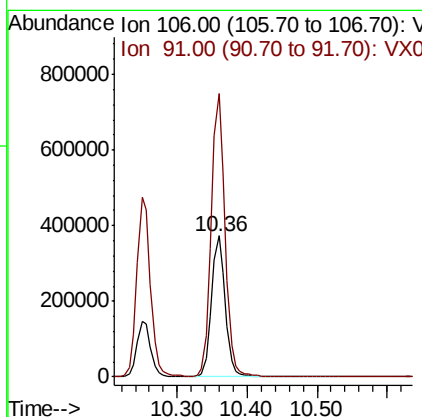
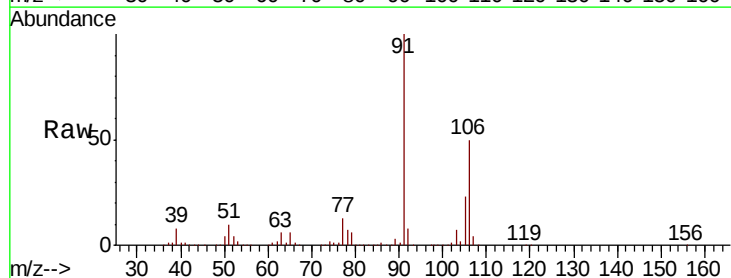
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 648968
Ion Ratio Lower Upper
91 100
106 30.7 25.9 38.9



#68
m/p-Xylenes
Concen: 109.211 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005418.D
Acq: 18 Oct 2018 09:44

Tgt Ion: 106 Resp: 511365
Ion Ratio Lower Upper
106 100
91 201.7 157.1 235.7

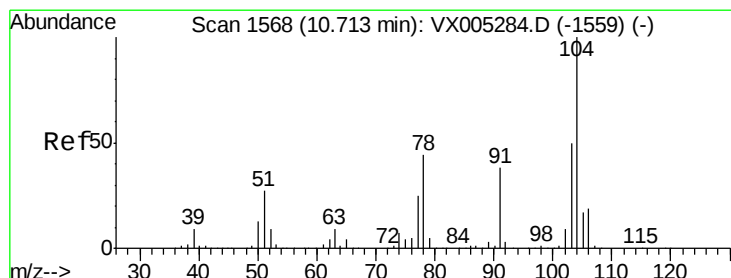
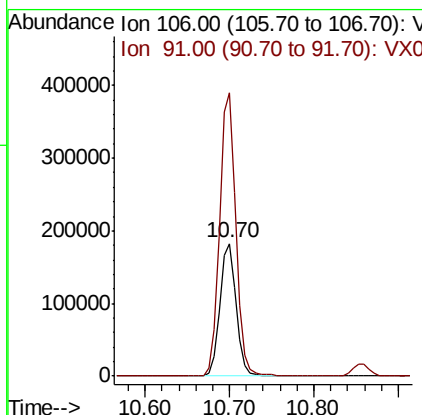
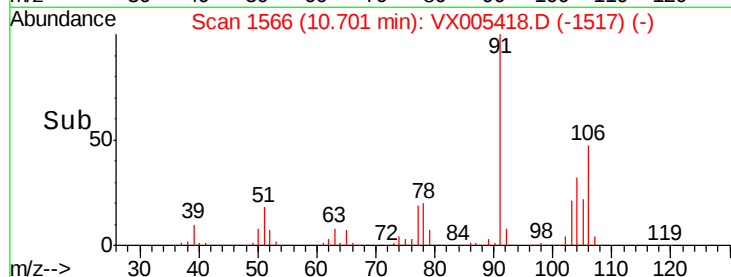
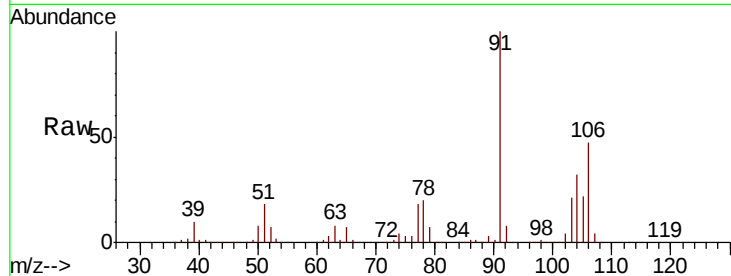




#69
o-Xylene
Concen: 54.070 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005418.D
Acq: 18 Oct 2018 09:44

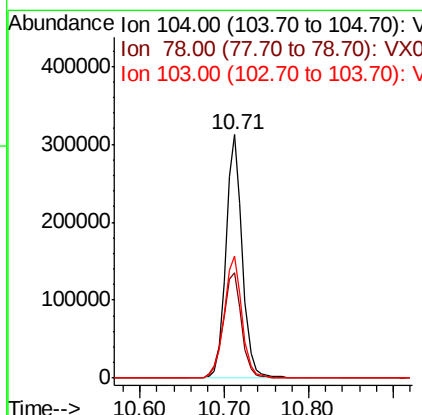
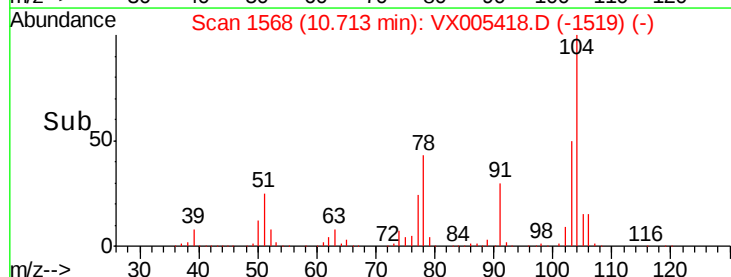
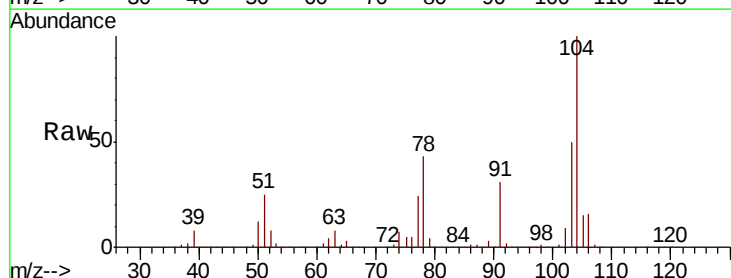
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 244168
Ion Ratio Lower Upper
106 100
91 214.0 105.1 315.1



#70
Styrene
Concen: 55.655 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005418.D
Acq: 18 Oct 2018 09:44

Tgt Ion:104 Resp: 413381
Ion Ratio Lower Upper
104 100
78 49.3 37.4 56.0
103 55.2 43.8 65.6





#71

Bromoform

Concen: 53.764 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005418.D

Acq: 18 Oct 2018 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

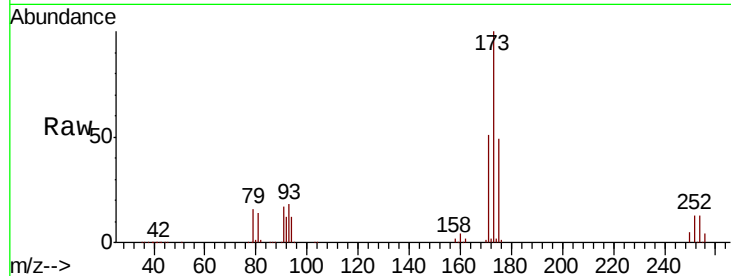
Tot Ion:173 Resp: 127053

Ion Ratio Lower Upper

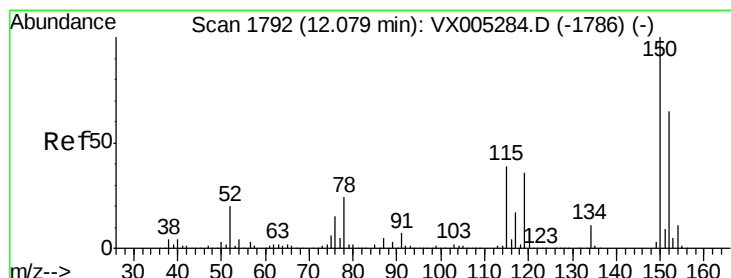
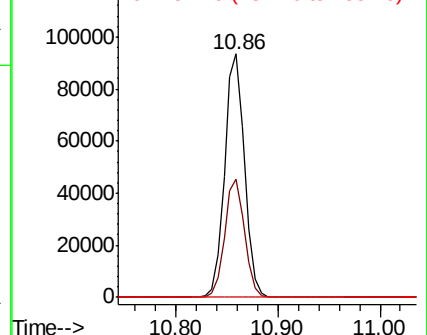
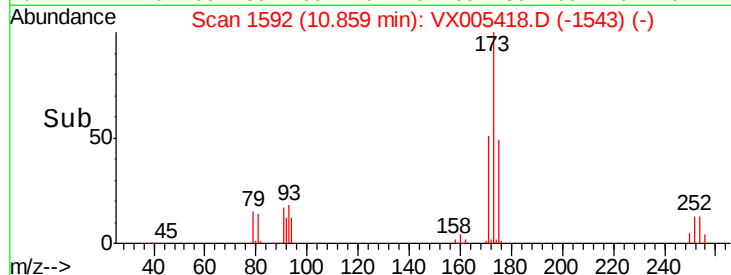
173 100

175 48.6 24.1 72.3

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: VX005418.D

Acq: 18 Oct 2018 09:44

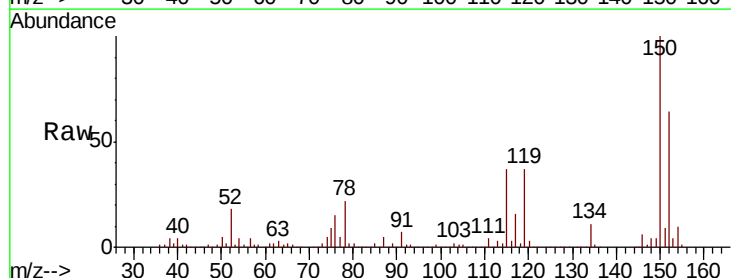
Tgt Ion:152 Resp: 204673

Ion Ratio Lower Upper

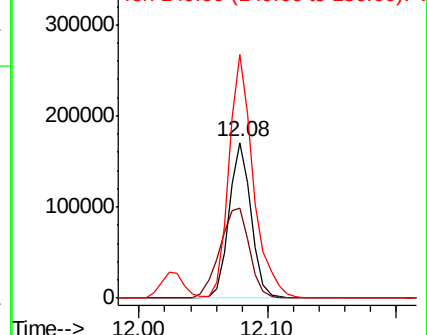
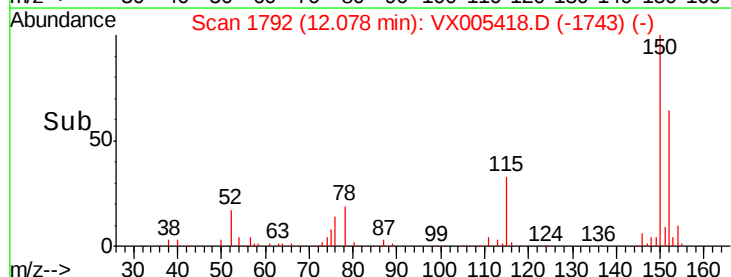
152 100

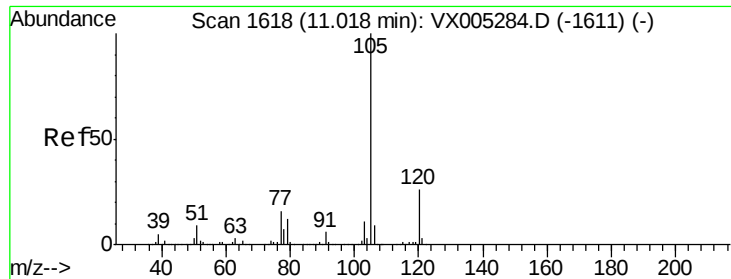
115 78.0 39.0 117.0

150 173.9 0.0 351.0



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: 55.070 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005418.D

Acq: 18 Oct 2018 09:44

Instrument :

MSVOA_X

ClientSampleId :

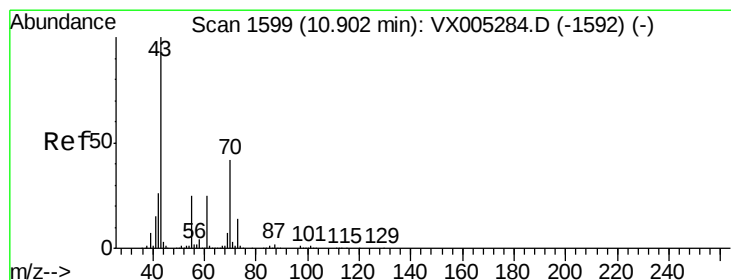
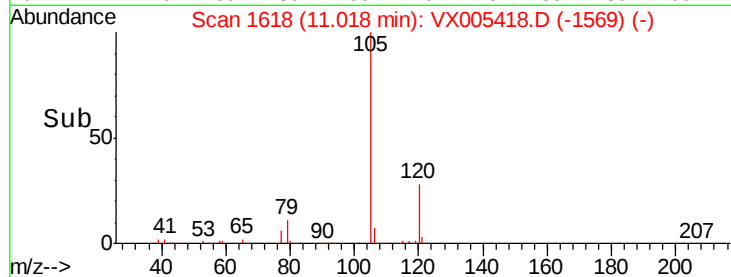
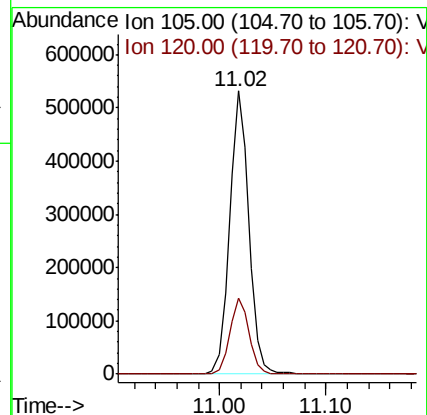
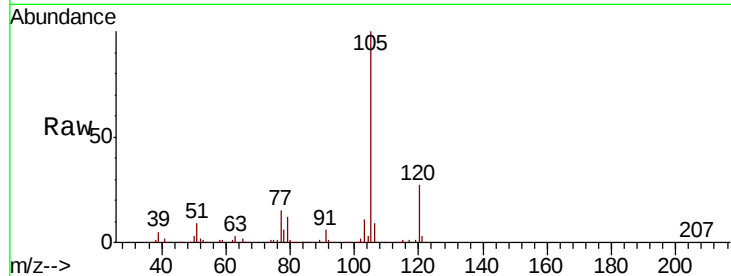
VSTDCCC050

Tot Ion:105 Resp: 670042

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.4



#74

N-ethyl acetate

Concen: 52.484 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.01 min

Lab File: VX005418.D

Acq: 18 Oct 2018 09:44

Tgt Ion: 43 Resp: 308000

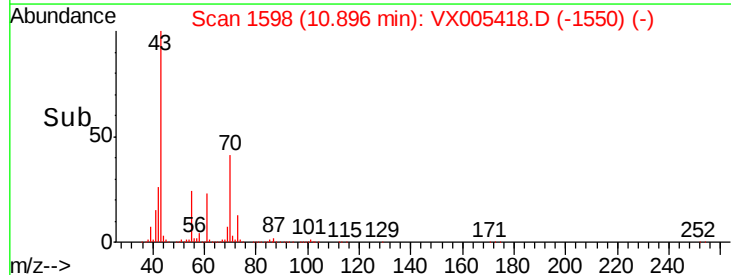
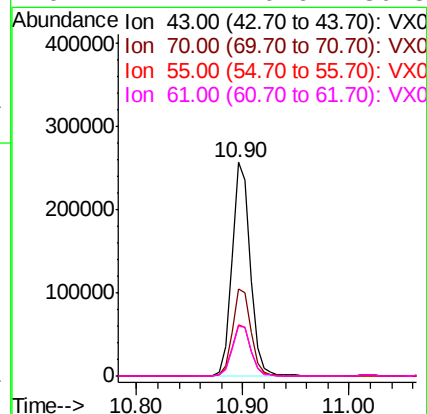
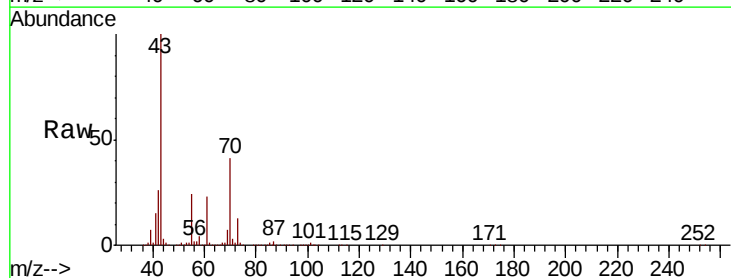
Ion Ratio Lower Upper

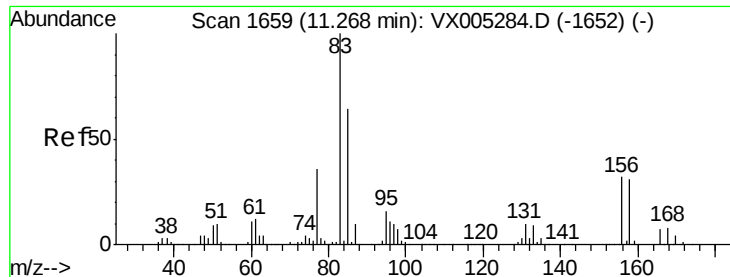
43 100

70 41.6 37.4 56.0

55 24.9 21.8 32.8

61 24.1 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 49.115 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005418.D

Acq: 18 Oct 2018 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

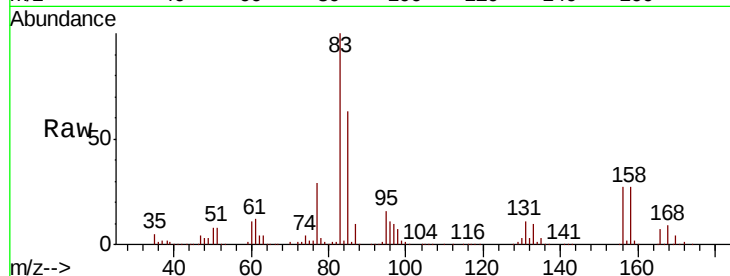
Tot Ion: 83 Resp: 225427

Ion Ratio Lower Upper

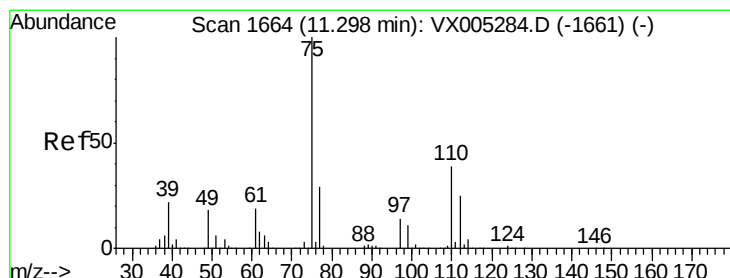
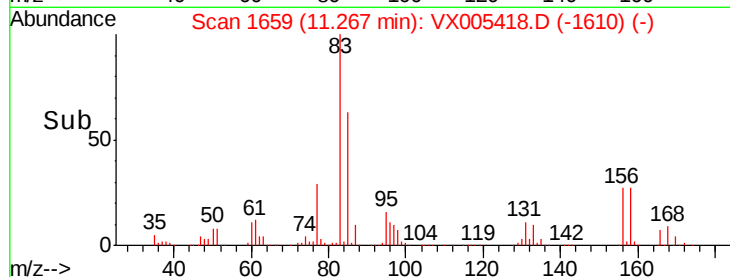
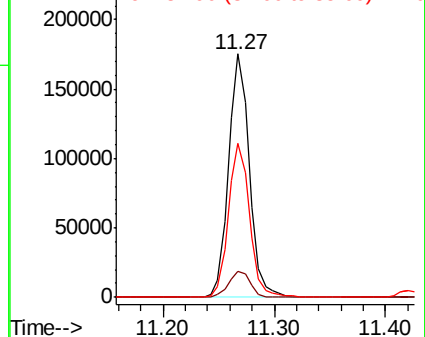
83 100

131 10.8 5.2 15.6

85 64.5 32.3 96.8



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: 66.992 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005418.D

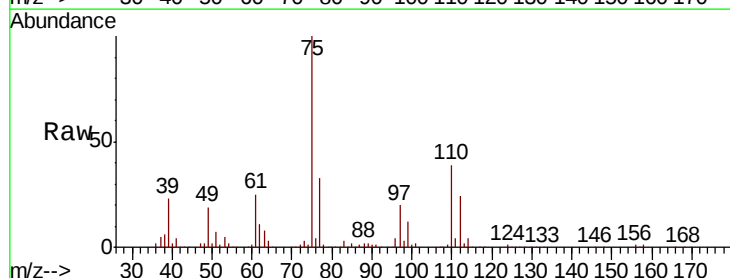
Acq: 18 Oct 2018 09:44

Tgt Ion: 75 Resp: 265962

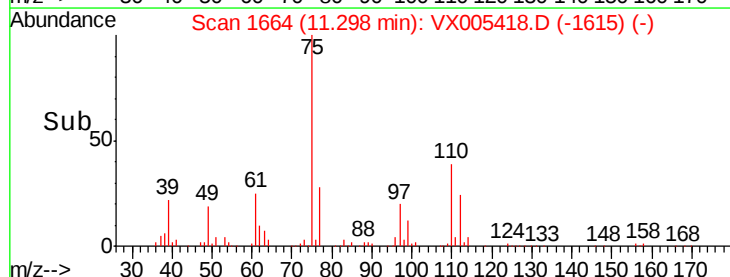
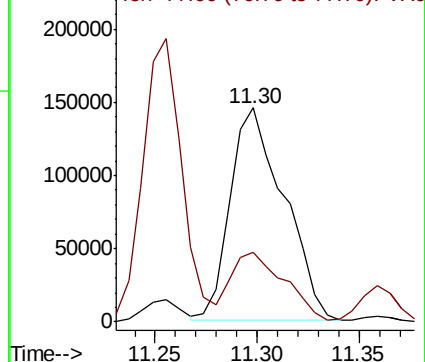
Ion Ratio Lower Upper

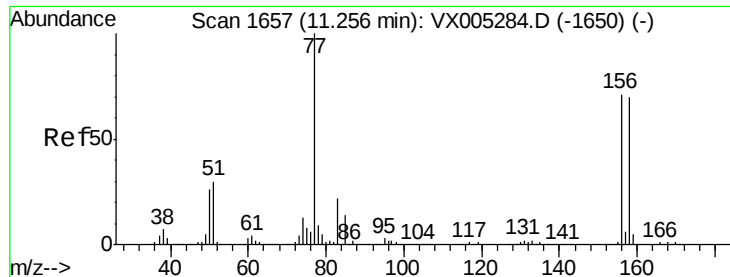
75 100

77 32.6 20.2 60.6



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





#77

Bromobenzene

Concen: 52.157 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005418.D

Acq: 18 Oct 2018 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

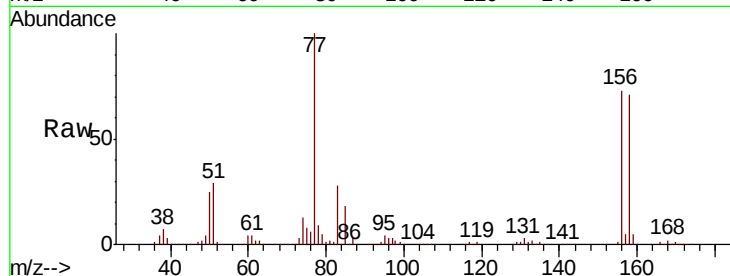
Tot Ion:156 Resp: 181451

Ion Ratio Lower Upper

156 100

77 141.8 71.5 214.3

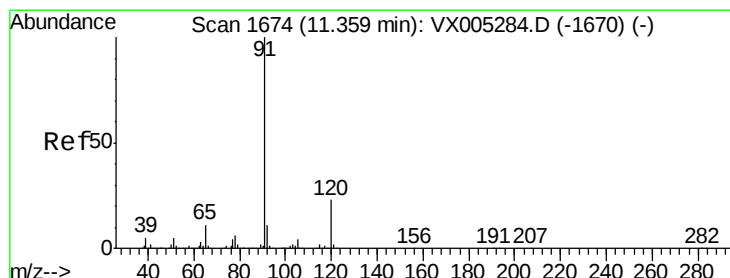
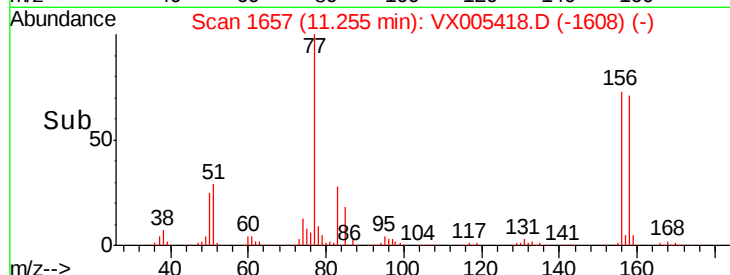
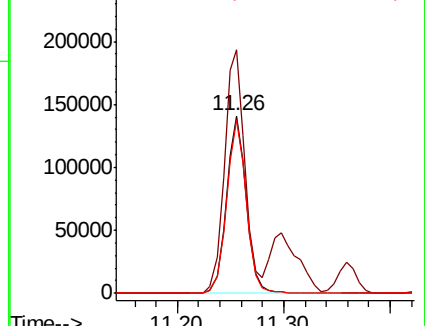
158 97.4 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.565 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005418.D

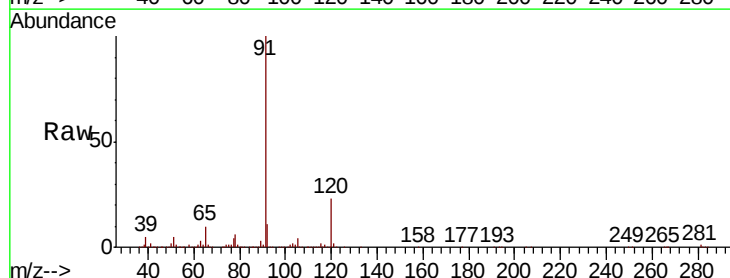
Acq: 18 Oct 2018 09:44

Tgt Ion: 91 Resp: 777984

Ion Ratio Lower Upper

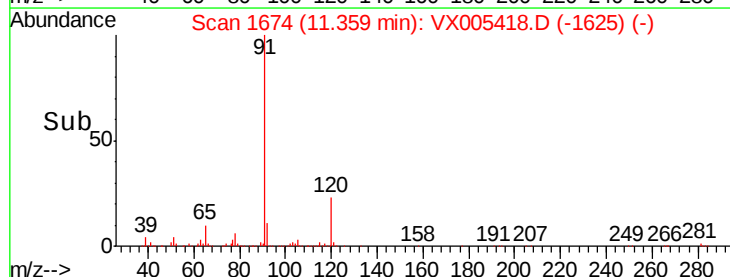
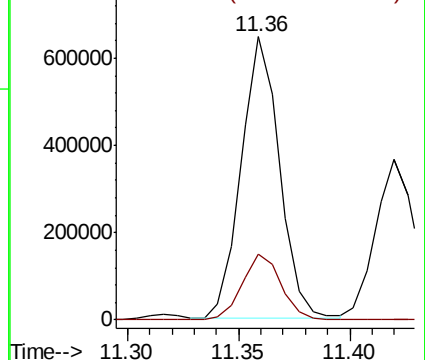
91 100

120 24.1 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.977 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005418.D

Acq: 18 Oct 2018 09:44

Instrument :

MSVOA_X

ClientSampleId :

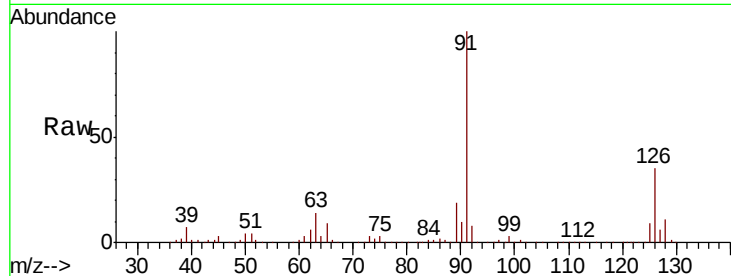
VSTDCCC050

Tot Ion: 91 Resp: 454274

Ion Ratio Lower Upper

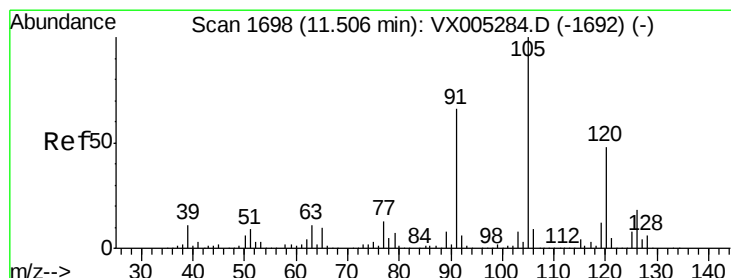
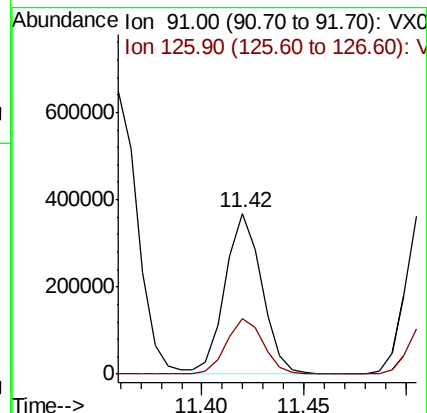
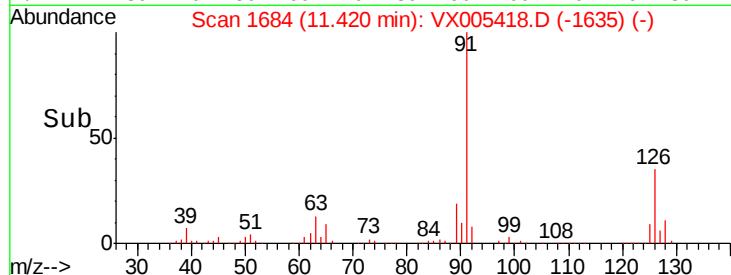
91 100

126 35.3 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VX005284.D (-1680) (-)

Ion 125.90 (125.60 to 126.60): VX005284.D (-1680) (-)



#80

1,3,5-Trimethylbenzene

Concen: 55.570 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005418.D

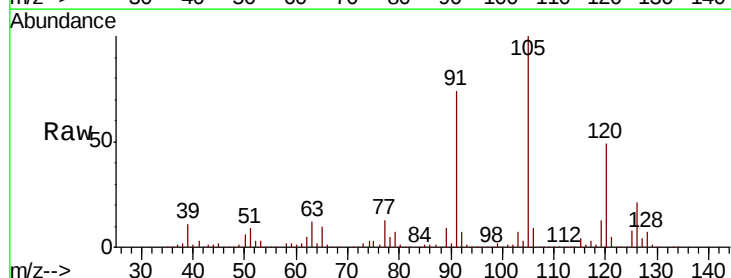
Acq: 18 Oct 2018 09:44

Tgt Ion: 105 Resp: 578999

Ion Ratio Lower Upper

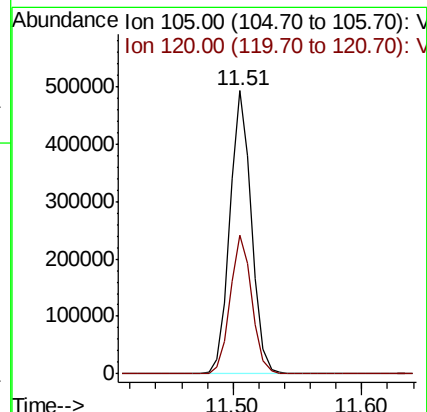
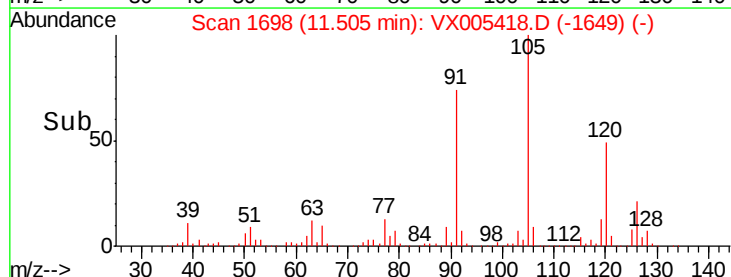
105 100

120 49.3 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): VX005284.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX005284.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 53.059 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005418.D

Acq: 18 Oct 2018 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

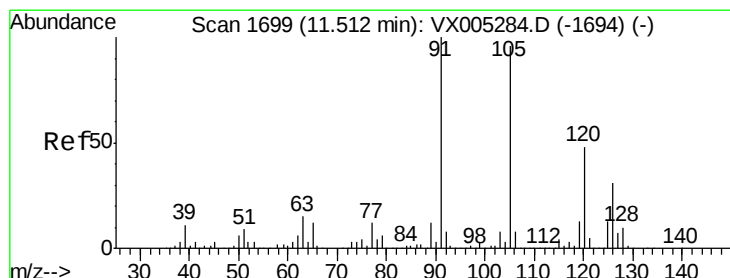
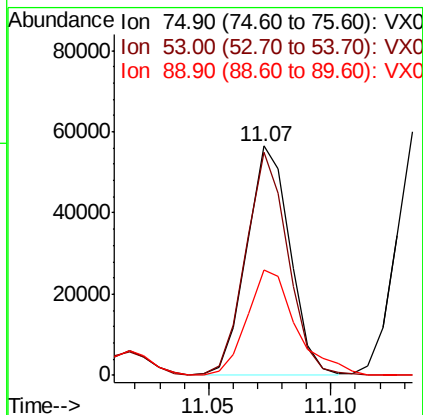
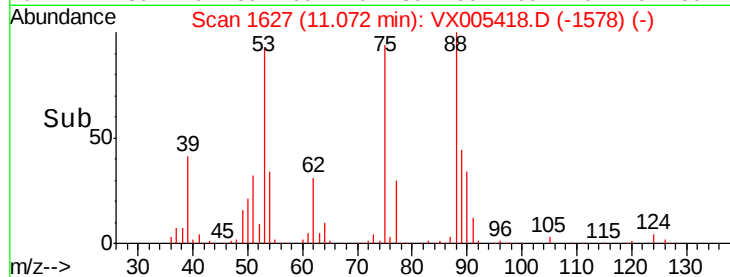
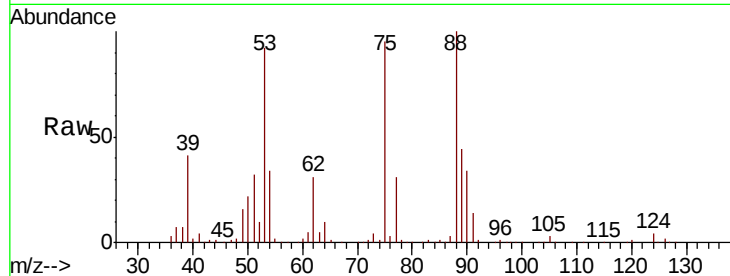
Tot Ion: 75 Resp: 69327

Ion Ratio Lower Upper

75 100

53 94.9 80.1 120.1

89 52.7 37.2 55.8



#82

4-Chlorotoluene

Concen: 53.695 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005418.D

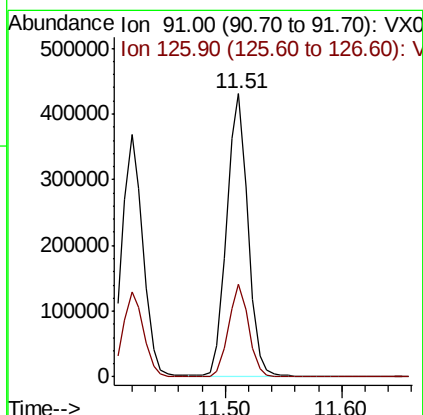
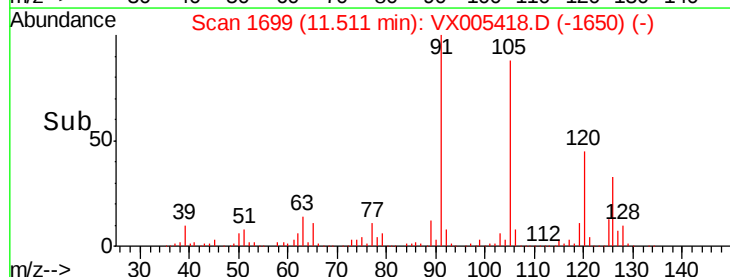
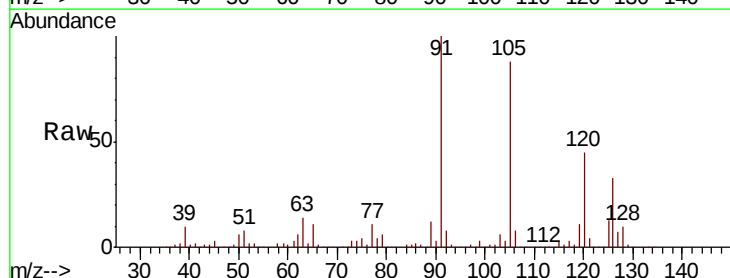
Acq: 18 Oct 2018 09:44

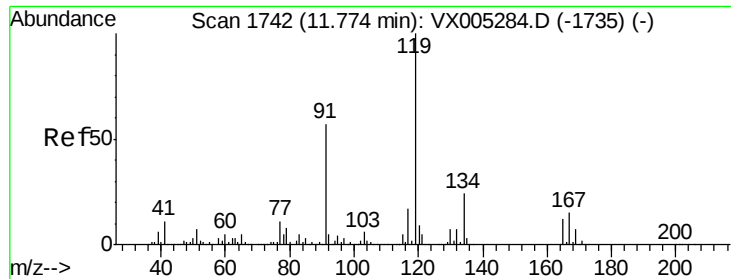
Tgt Ion: 91 Resp: 545804

Ion Ratio Lower Upper

91 100

126 31.2 15.5 46.5

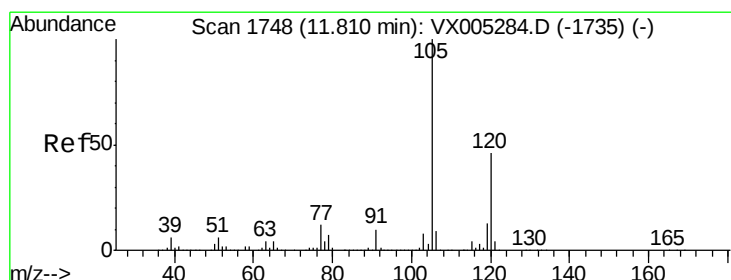
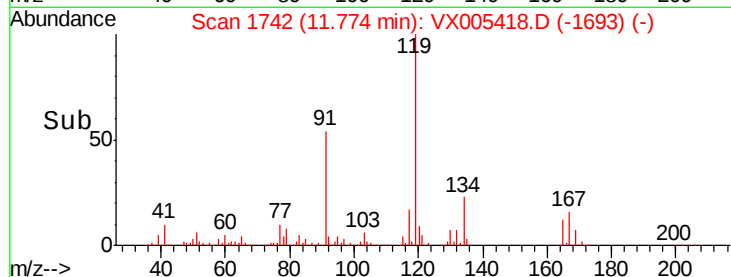
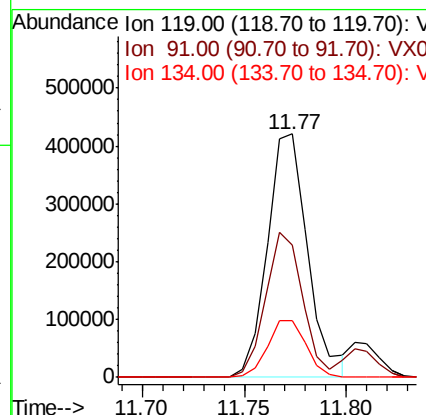
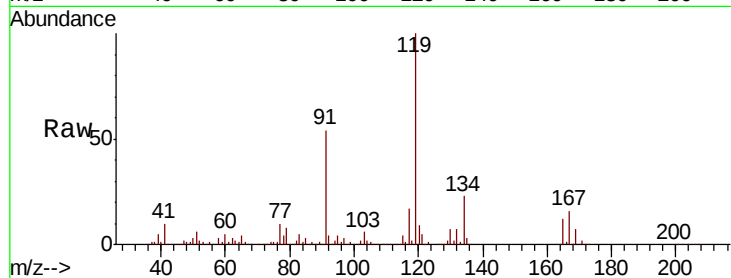




#83
tert-Butylbenzene
Concen: 55.129 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX005418.D
Acq: 18 Oct 2018 09:44

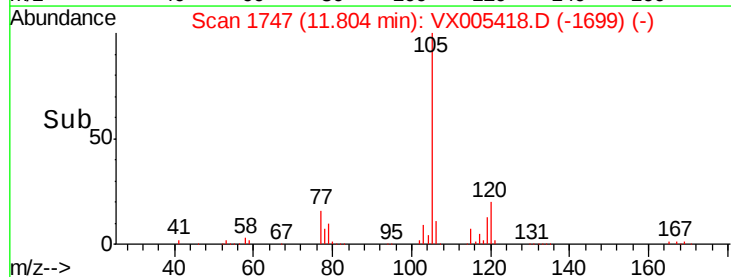
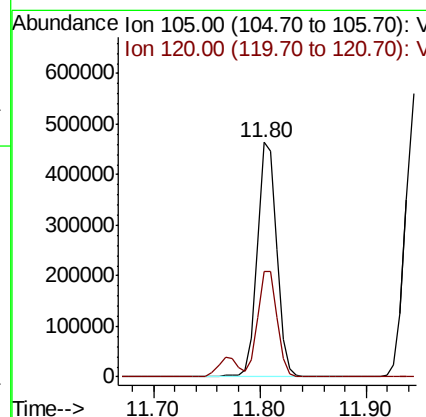
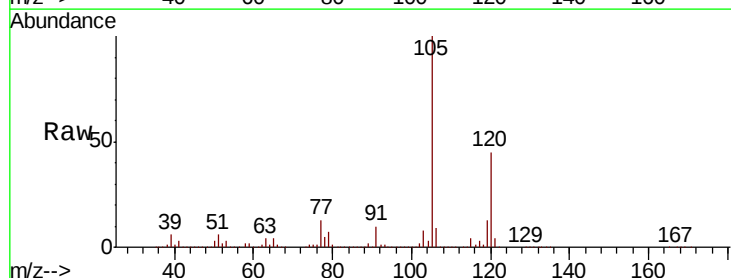
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

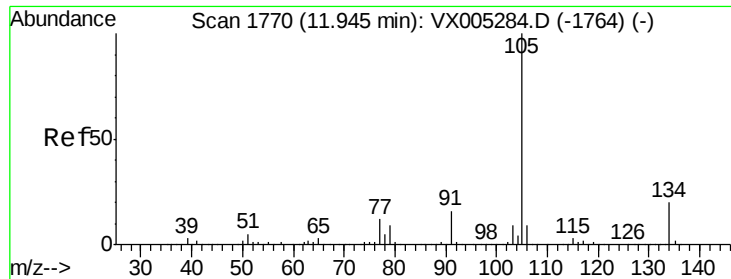
Tot Ion:119 Resp: 581671
Ion Ratio Lower Upper
119 100
91 54.7 27.0 81.0
134 22.6 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 55.648 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VX005418.D
Acq: 18 Oct 2018 09:44

Tgt Ion:105 Resp: 596685
Ion Ratio Lower Upper
105 100
120 45.0 23.2 69.6





#85

sec-Butylbenzene

Concen: 56.175 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005418.D

Acq: 18 Oct 2018 09:44

Instrument :

MSVOA_X

ClientSampleId :

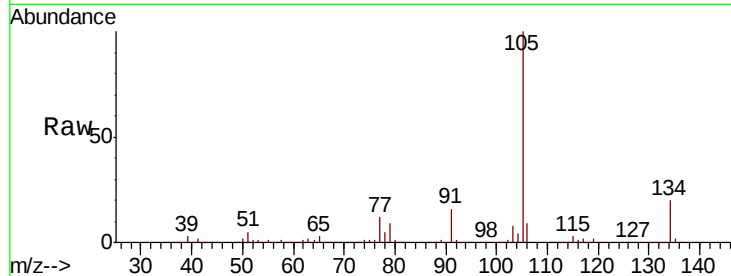
VSTDCCC050

Tot Ion:105 Resp: 701429

Ion Ratio Lower Upper

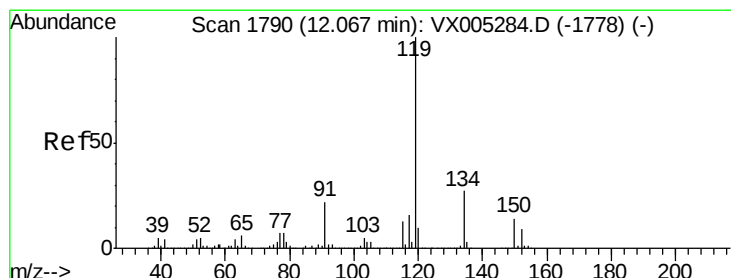
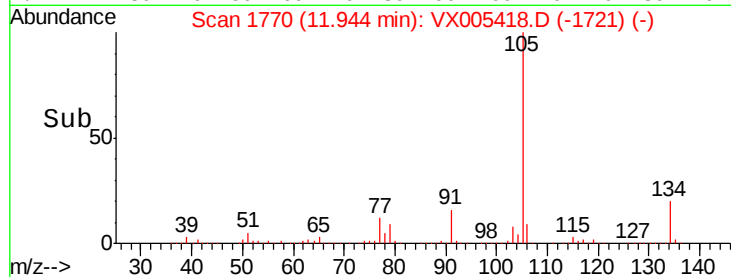
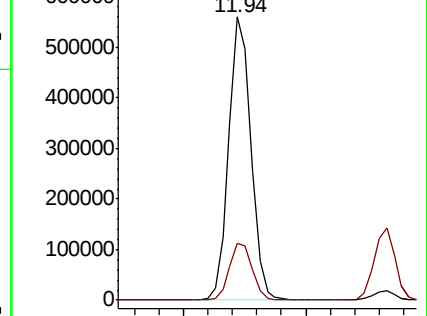
105 100

134 20.6 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 56.730 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005418.D

Acq: 18 Oct 2018 09:44

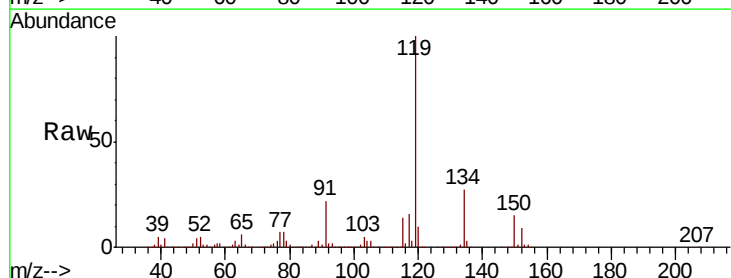
Tgt Ion:119 Resp: 640239

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.2

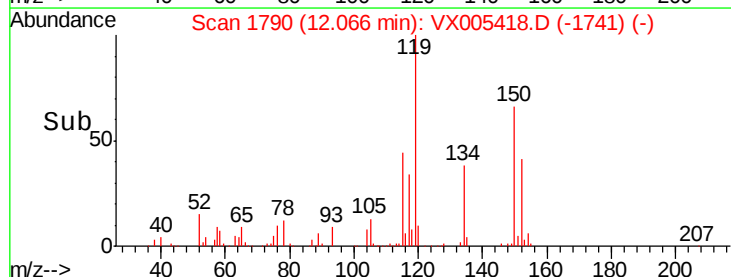
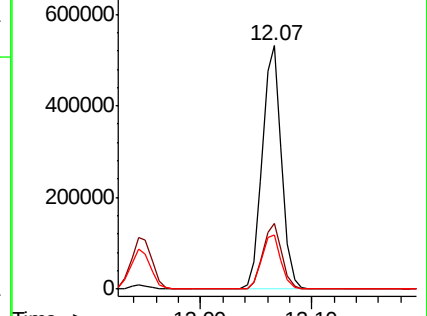
91 22.4 10.9 32.7

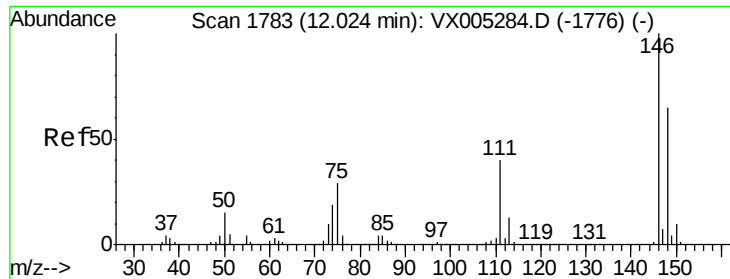


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

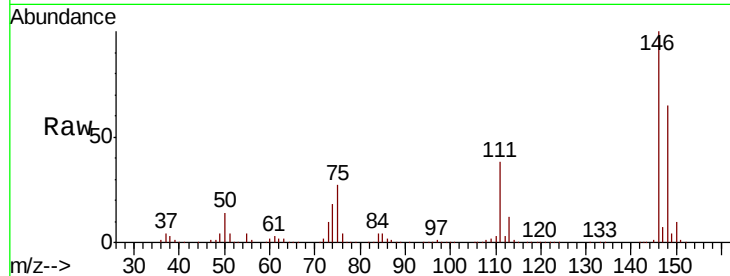




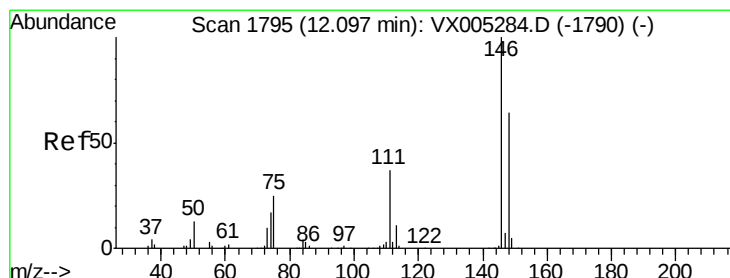
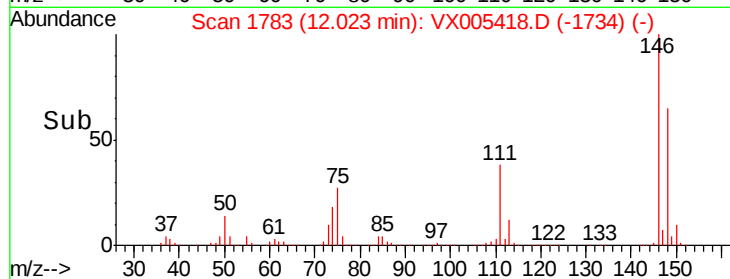
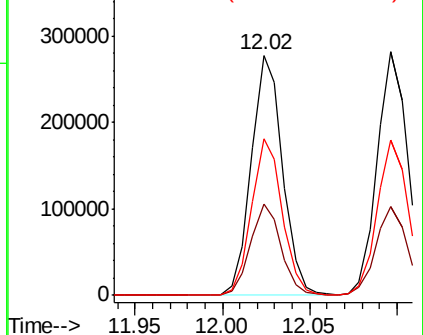
#87
 1,3-Dichlorobenzene
 Concen: 52.922 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005418.D
 Acq: 18 Oct 2018 09:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 344036
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.7 56.1
 148 64.4 32.1 96.5

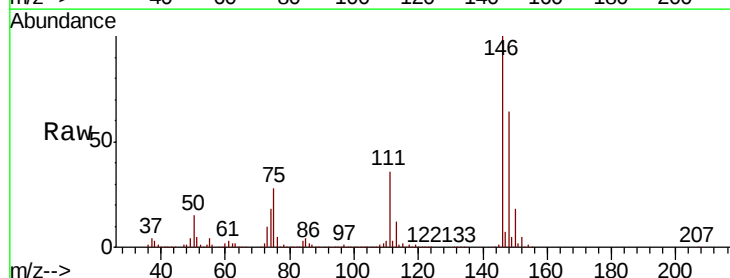


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

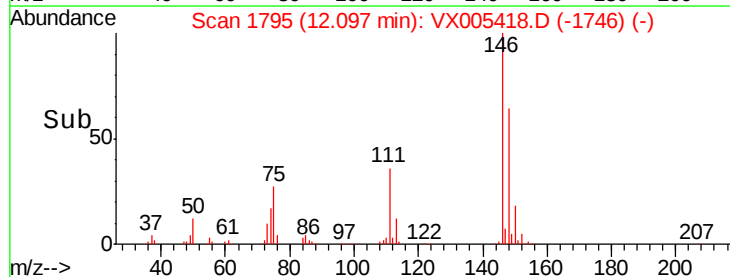
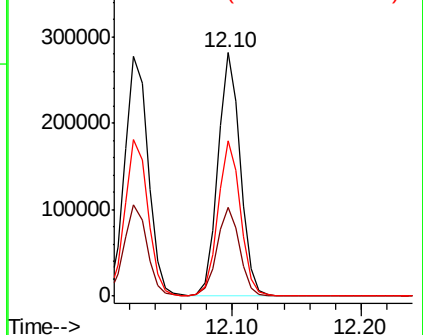


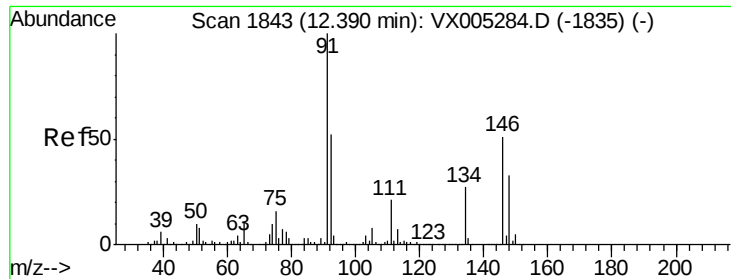
#88
 1,4-Dichlorobenzene
 Concen: 51.972 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005418.D
 Acq: 18 Oct 2018 09:44

Tgt Ion:146 Resp: 345634
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.1 54.1
 148 64.4 32.0 96.0



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

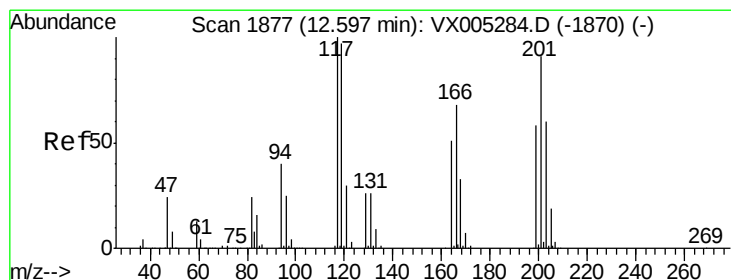
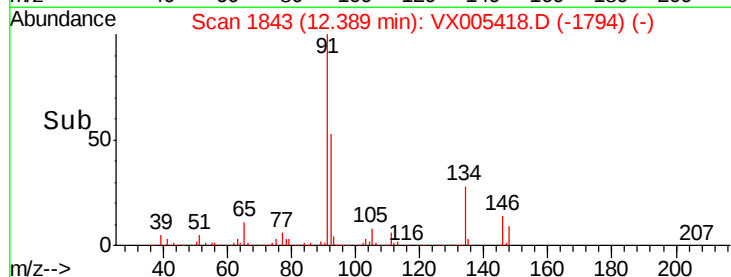
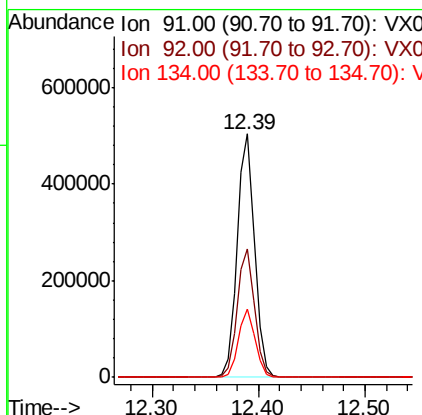
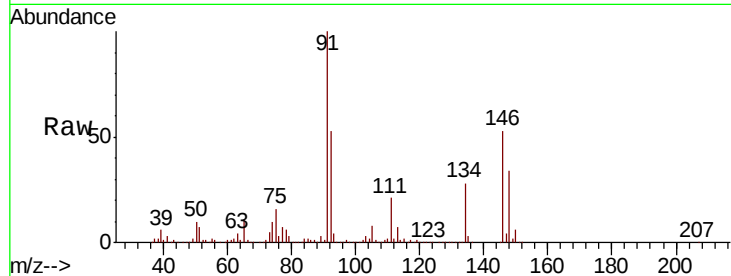




#89
n-Butylbenzene
Concen: 56.366 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005418.D
Acq: 18 Oct 2018 09:44

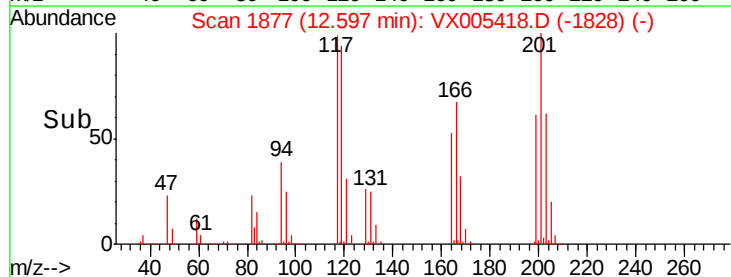
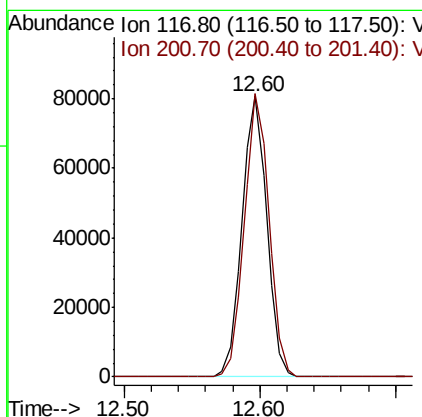
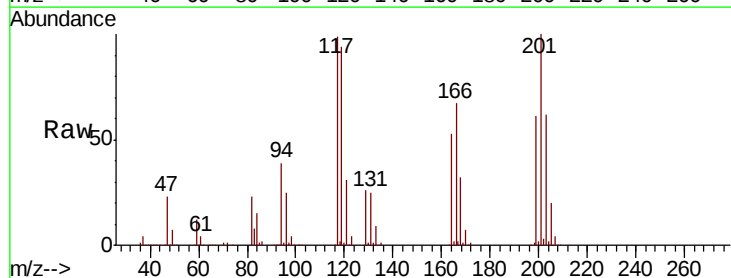
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 577581
Ion Ratio Lower Upper
91 100
92 52.7 27.3 81.9
134 27.3 13.6 40.7



#90
Hexachloroethane
Concen: 52.761 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005418.D
Acq: 18 Oct 2018 09:44

Tgt Ion: 117 Resp: 102620
Ion Ratio Lower Upper
117 100
201 100.4 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 51.724 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005418.D

Acq: 18 Oct 2018 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

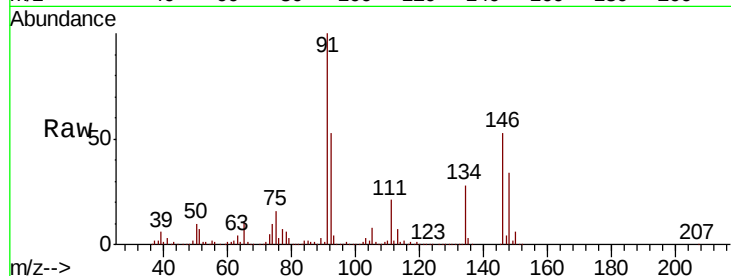
Tot Ion:146 Resp: 343135

Ion Ratio Lower Upper

146 100

111 38.9 19.4 58.1

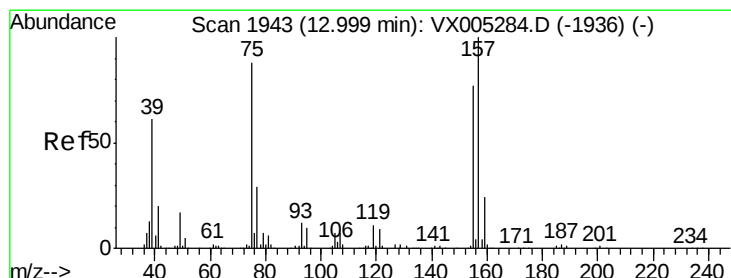
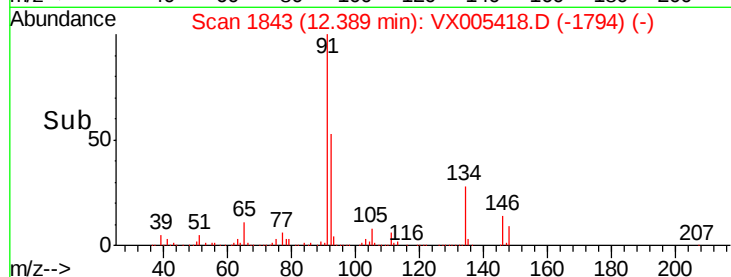
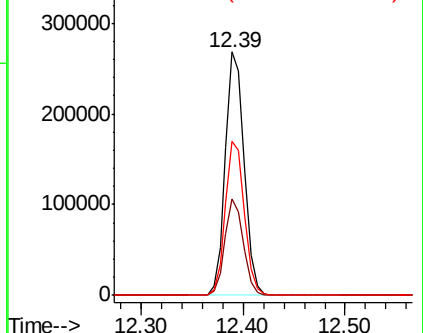
148 63.8 32.8 98.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.680 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX005418.D

Acq: 18 Oct 2018 09:44

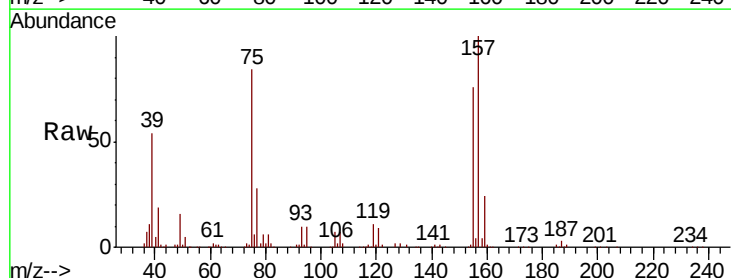
Tgt Ion: 75 Resp: 53382

Ion Ratio Lower Upper

75 100

155 95.6 48.0 144.2

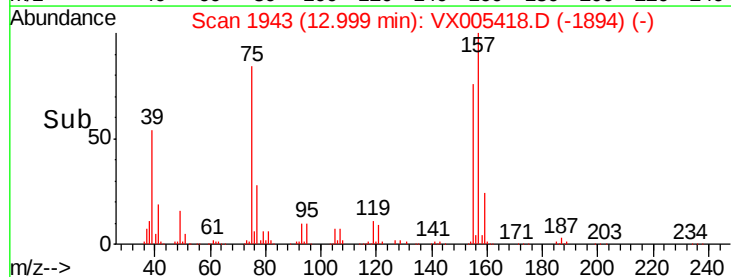
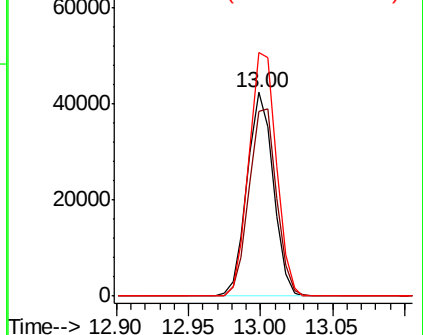
157 124.5 61.4 184.1

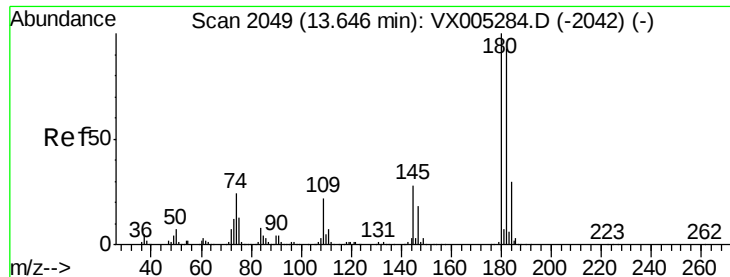


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

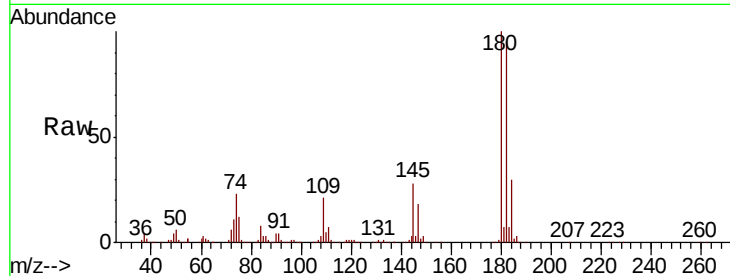




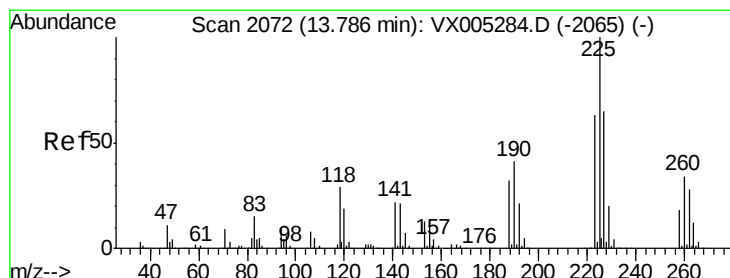
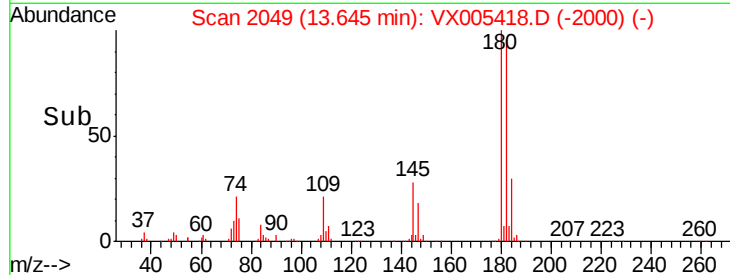
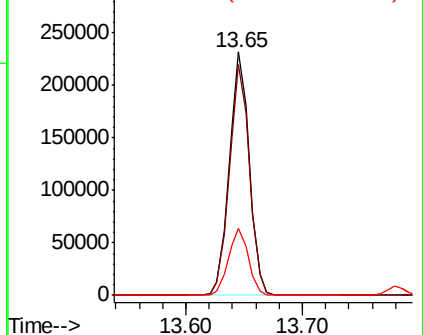
#93
 1,2,4-Trichlorobenzene
 Concen: 56.549 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005418.D
 Acq: 18 Oct 2018 09:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 275229
 Ion Ratio Lower Upper
 180 100
 182 95.2 48.4 145.0
 145 27.5 14.3 42.9

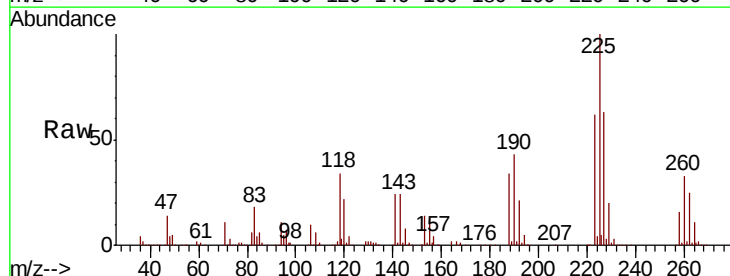


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

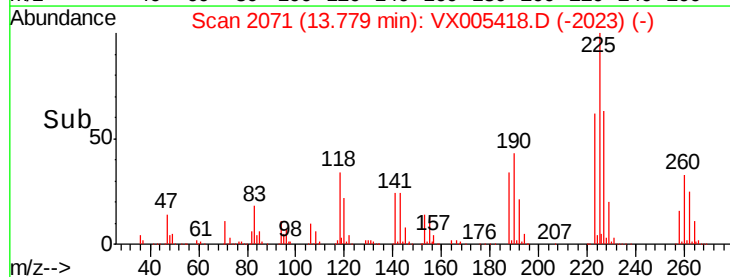
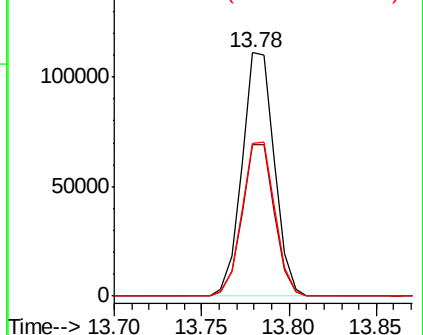


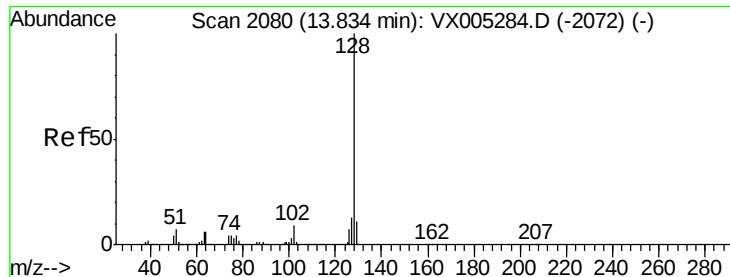
#94
 Hexachlorobutadiene
 Concen: 55.228 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX005418.D
 Acq: 18 Oct 2018 09:44

Tgt Ion:225 Resp: 141967
 Ion Ratio Lower Upper
 225 100
 223 62.4 30.1 90.5
 227 64.1 30.8 92.4



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

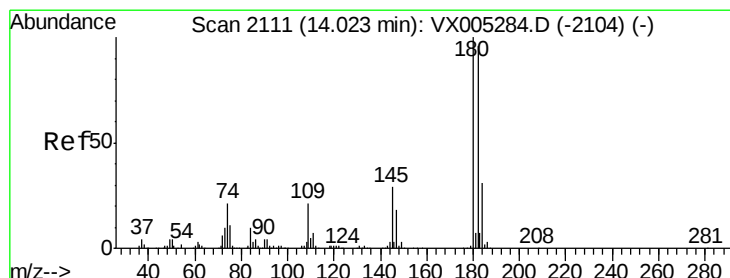
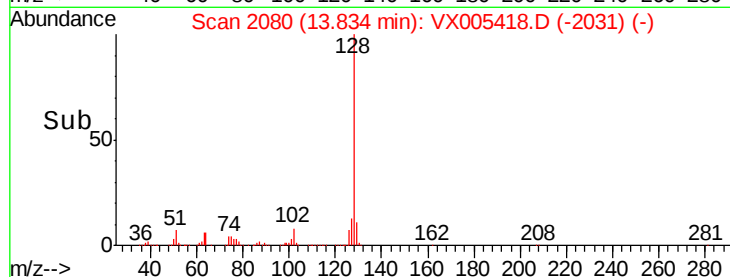
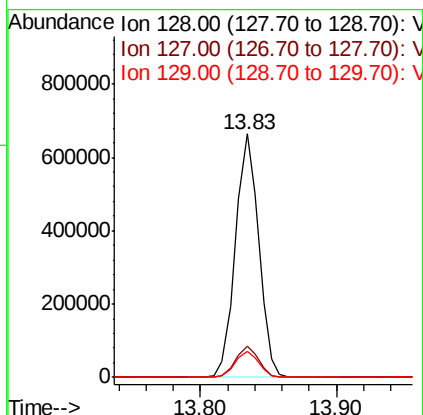
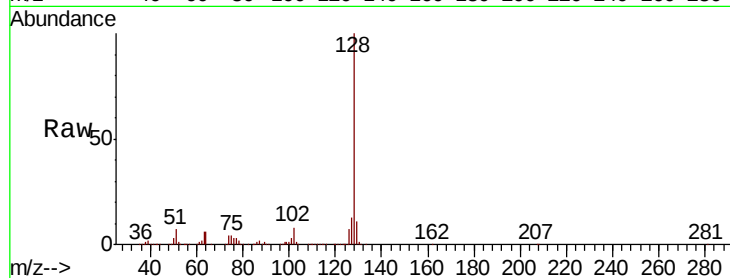




#95
Naphthalene
Concen: 55.968 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005418.D
Acq: 18 Oct 2018 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 789994
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 55.075 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX005418.D
Acq: 18 Oct 2018 09:44

Tgt Ion:180 Resp: 274273
Ion Ratio Lower Upper
180 100
182 95.4 48.5 145.6
145 29.7 14.9 44.9

