

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090418\
 Data File : VX004339.D
 Acq On : 04 Sep 2018 11:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 05 06:37:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	325223	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	448760	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	408481	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	268592	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	194397	45.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.72%	
35) Dibromofluoromethane	5.49	113	170548	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
50) Toluene-d8	8.71	98	637561	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
62) 4-Bromofluorobenzene	11.14	95	244785	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	178299	47.33	ug/l	97
3) Chloromethane	1.32	50	193101	46.40	ug/l	99
4) Vinyl Chloride	1.40	62	200177	46.98	ug/l	99
5) Bromomethane	1.63	94	90975	43.03	ug/l	99
6) Chloroethane	1.71	64	136523	44.93	ug/l	97
7) Trichlorofluoromethane	1.92	101	278541	47.70	ug/l	98
8) Diethyl Ether	2.18	74	121790	48.71	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	179096	48.97	ug/l	100
10) Methyl Iodide	2.51	142	186375	45.57	ug/l	98
11) Tert butyl alcohol	3.07	59	196701	217.69	ug/l	99
12) 1,1-Dichloroethene	2.37	96	159799	46.38	ug/l	98
13) Acrolein	2.29	56	52373	240.42	ug/l	97
14) Allyl chloride	2.72	41	313062	49.46	ug/l	98
15) Acrylonitrile	3.15	53	523202	233.81	ug/l	99
16) Acetone	2.44	43	439259	253.98	ug/l	99
17) Carbon Disulfide	2.56	76	417158	43.70	ug/l	99
18) Methyl Acetate	2.78	43	370817	58.95	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	559870	49.31	ug/l	98
20) Methylene Chloride	2.85	84	191425	46.91	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	174635	45.79	ug/l	97
22) Diisopropyl ether	3.87	45	590422	49.96	ug/l	99
23) Vinyl Acetate	3.82	43	2290777	239.14	ug/l	100
24) 1,1-Dichloroethane	3.69	63	339408	49.28	ug/l	99
25) 2-Butanone	4.70	43	690430	243.00	ug/l	98
26) 2,2-Dichloropropane	4.58	77	272904	50.52	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	207116	47.88	ug/l	99
28) Bromochloromethane	5.01	49	153084	50.20	ug/l	99
29) Tetrahydrofuran	5.15	42	431605	236.99	ug/l	100
30) Chloroform	5.21	83	337244	48.83	ug/l	100
31) Cyclohexane	5.57	56	286414	48.19	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	281464	48.88	ug/l	99
36) 1,1-Dichloropropene	5.79	75	253419	50.23	ug/l	99
37) Ethyl Acetate	4.85	43	245391	49.46	ug/l	100
38) Carbon Tetrachloride	5.78	117	246337	51.90	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX090418\
 Data File : VX004339.D
 Acq On : 04 Sep 2018 11:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 05 06:37:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	306635	53.23	ug/l	99
40) Benzene	6.14	78	771049	51.15	ug/l	99
41) Methacrylonitrile	5.06	41	149435	51.96	ug/l	99
42) 1,2-Dichloroethane	6.20	62	255937	49.77	ug/l	99
43) Isopropyl Acetate	6.46	43	392184	51.44	ug/l	99
44) Trichloroethene	7.21	130	209534	50.21	ug/l	97
45) 1,2-Dichloropropane	7.51	63	200572	53.16	ug/l	100
46) Dibromomethane	7.66	93	126226	50.25	ug/l	99
47) Bromodichloromethane	7.90	83	252334	53.98	ug/l	99
48) Methyl methacrylate	7.77	41	214589	52.60	ug/l	99
49) 1,4-Dioxane	7.76	88	88122	951.39	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1358673	245.27	ug/l	99
52) Toluene	8.78	92	492019	52.14	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	283542	54.92	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	313442	55.73	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	202021	53.03	ug/l	98
56) Ethyl methacrylate	9.18	69	286218	55.19	ug/l	99
57) 1,3-Dichloropropane	9.37	76	337395	52.55	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	813973	306.34	ug/l	100
59) 2-Hexanone	9.49	43	1042911	246.77	ug/l	100
60) Dibromochloromethane	9.59	129	203661	54.88	ug/l	100
61) 1,2-Dibromoethane	9.67	107	204459	51.87	ug/l	99
64) Tetrachloroethene	9.34	164	218473	54.14	ug/l	98
65) Chlorobenzene	10.14	112	515666	50.30	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	185990	52.60	ug/l	97
67) Ethyl Benzene	10.25	91	865537	51.99	ug/l	98
68) m/p-Xylenes	10.36	106	716352	110.04	ug/l	98
69) o-Xylene	10.70	106	337434	54.80	ug/l	98
70) Styrene	10.71	104	561434	56.31	ug/l	98
71) Bromoform	10.86	173	154508	54.21	ug/l	98
73) Isopropylbenzene	11.02	105	959238	54.38	ug/l	99
74) N-amyl acetate	10.90	43	344486	50.72	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	300878	48.74	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	354760	64.94	ug/l	85
77) Bromobenzene	11.26	156	252342	50.99	ug/l	98
78) n-propylbenzene	11.36	91	1125989	55.50	ug/l	99
79) 2-Chlorotoluene	11.42	91	653163	52.30	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	786519	53.84	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	90334	53.65	ug/l	96
82) 4-Chlorotoluene	11.51	91	758725	51.63	ug/l	99
83) tert-Butylbenzene	11.77	119	797773	54.28	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	838686	55.93	ug/l	100
85) sec-Butylbenzene	11.94	105	1004270	57.55	ug/l	99
86) p-Isopropyltoluene	12.07	119	900279	57.57	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	474717	50.95	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	493771	50.26	ug/l	100
89) n-Butylbenzene	12.39	91	787408	61.92	ug/l	98
90) Hexachloroethane	12.60	117	129592	59.29	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	464819	54.59	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	55227	50.79	ug/l	99

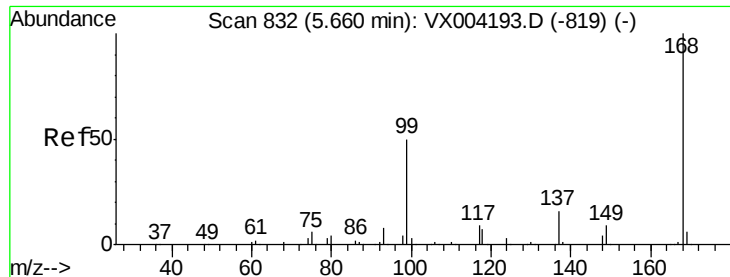
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090418\
Data File : VX004339.D
Acq On : 04 Sep 2018 11:24
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Sep 05 06:37:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	338357	54.61	ug/l	98
94) Hexachlorobutadiene	13.79	225	179915	62.46	ug/l	94
95) Naphthalene	13.83	128	1001529	57.15	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	367794	56.08	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Instrument :

MSVOA_X

ClientSampleId :

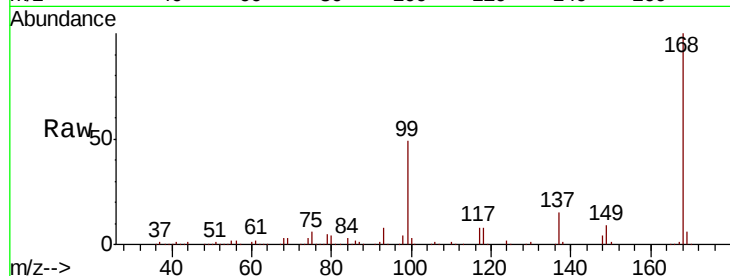
VSTDCCC050

Tot Ion:168 Resp: 325223

Ion Ratio Lower Upper

168 100

99 49.3 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

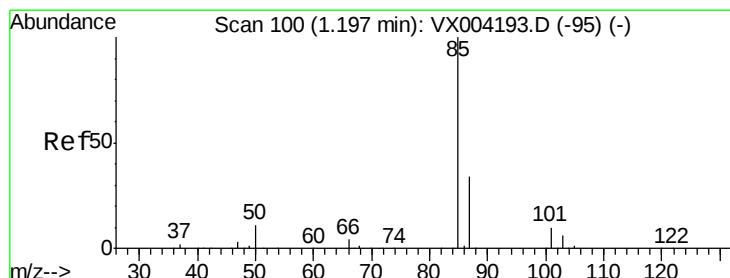
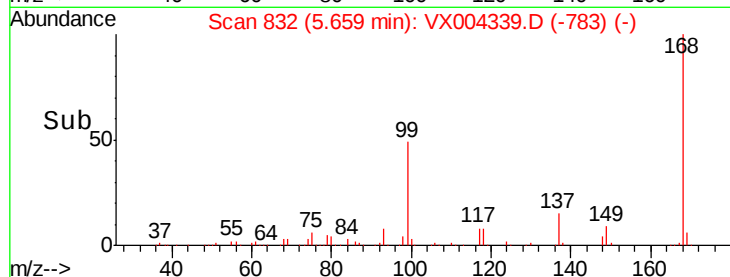
5.66

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.33 ug/l

RT: 1.19 min Scan# 99

Delta R.T. -0.01 min

Lab File: VX004339.D

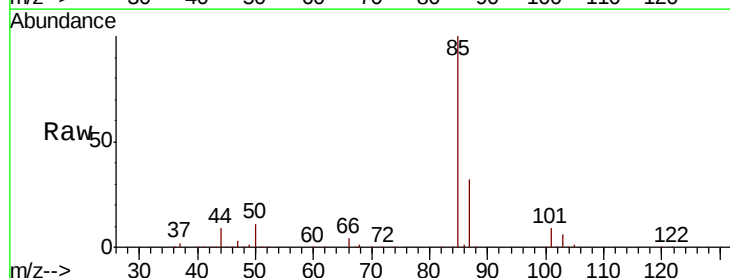
Acq: 04 Sep 2018 11:24

Tgt Ion: 85 Resp: 178299

Ion Ratio Lower Upper

85 100

87 32.3 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

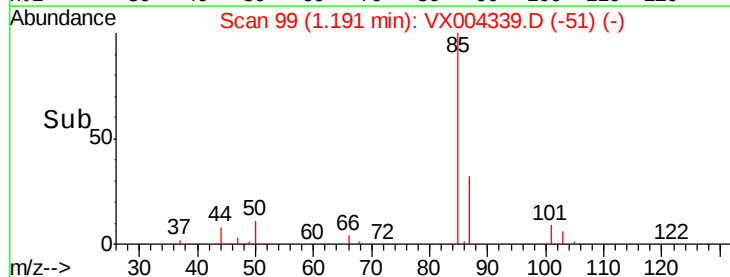
150000

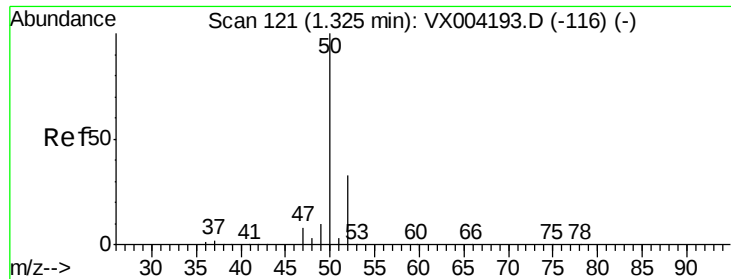
100000

50000

0

Time-->





#3

Chloromethane

Concen: 46.40 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Instrument :

MSVOA_X

ClientSampleId :

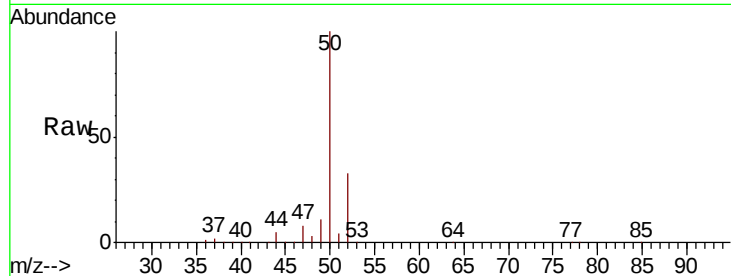
VSTDCCC050

Tot Ion: 50 Resp: 193101

Ion Ratio Lower Upper

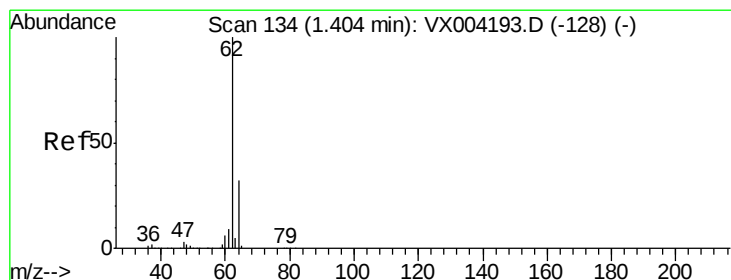
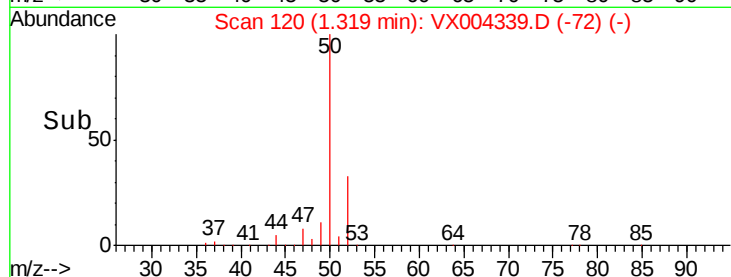
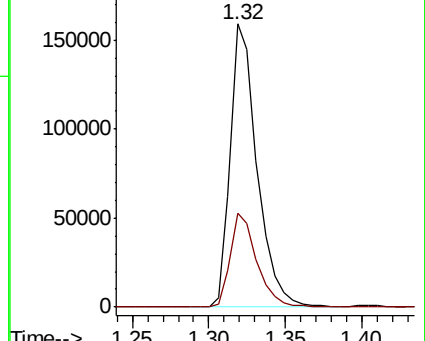
50 100

52 33.2 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 46.98 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004339.D

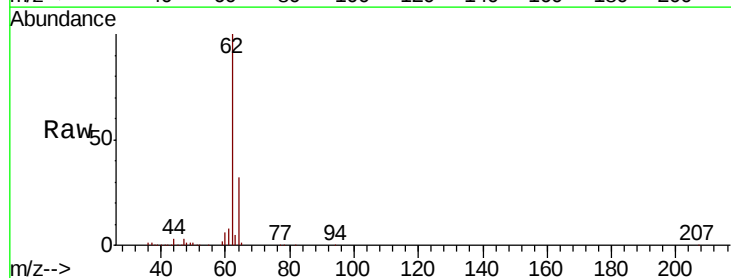
Acq: 04 Sep 2018 11:24

Tgt Ion: 62 Resp: 200177

Ion Ratio Lower Upper

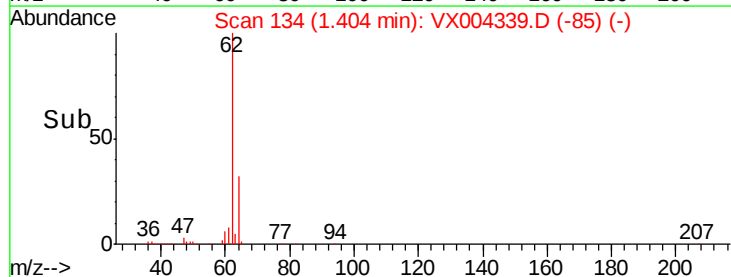
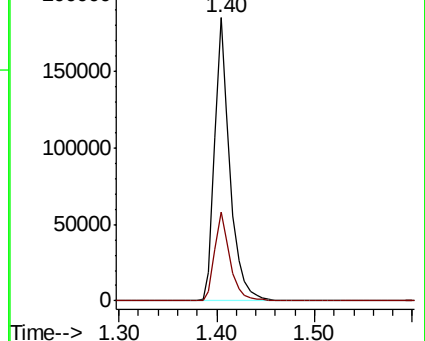
62 100

64 31.5 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 43.03 ug/l

RT: 1.63 min Scan# 171

Delta R.T. -0.01 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Instrument :

MSVOA_X

ClientSampleId :

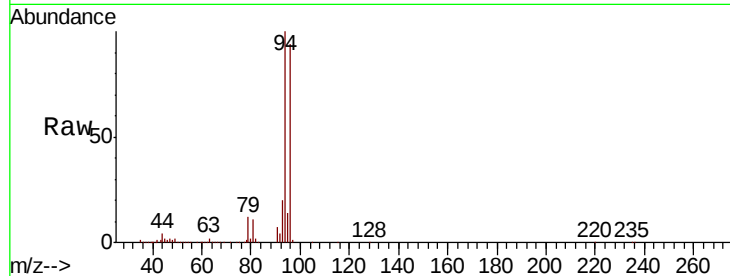
VSTDCCC050

Tot Ion: 94 Resp: 90975

Ion Ratio Lower Upper

94 100

96 94.1 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

80000

60000

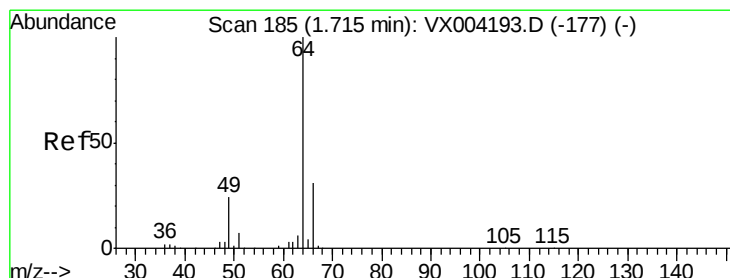
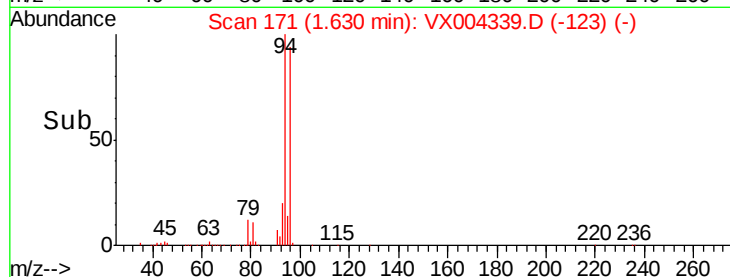
40000

20000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 44.93 ug/l

RT: 1.71 min Scan# 184

Delta R.T. -0.01 min

Lab File: VX004339.D

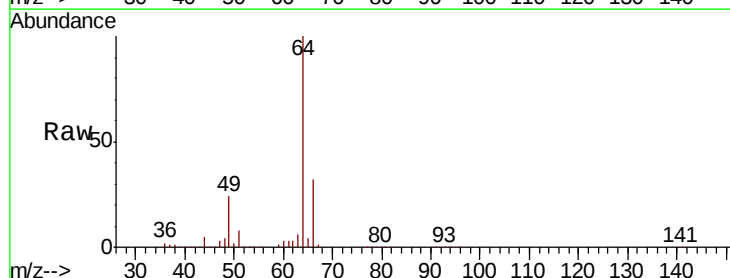
Acq: 04 Sep 2018 11:24

Tgt Ion: 64 Resp: 136523

Ion Ratio Lower Upper

64 100

66 32.1 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

80000

60000

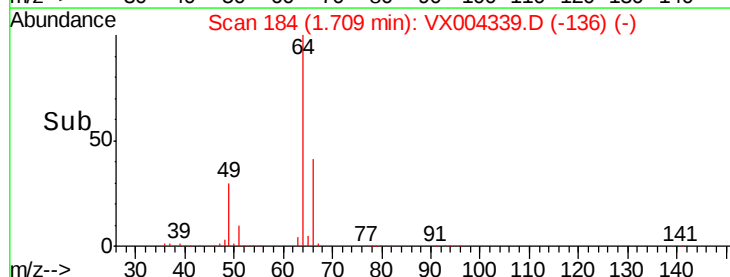
40000

20000

0

Time-->

1.50 1.60 1.70 1.80



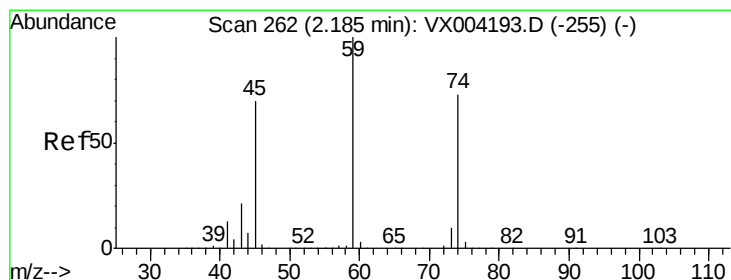
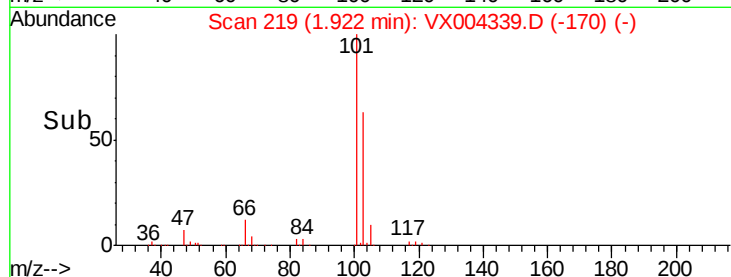
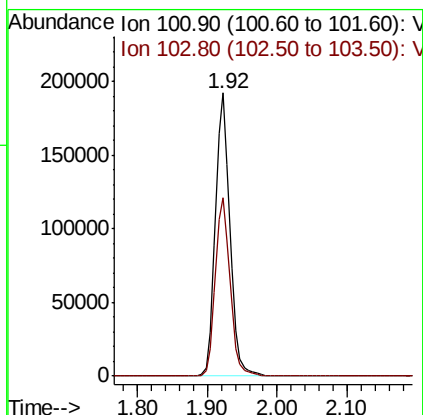
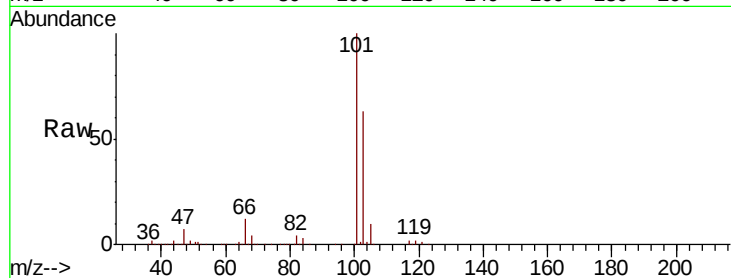


#7

Trichlorofluoromethane
Concen: 47.70 ug/l
RT: 1.92 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

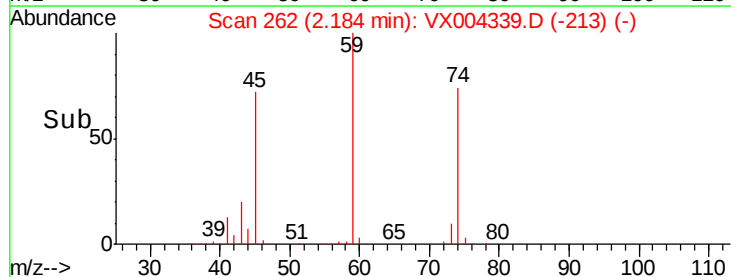
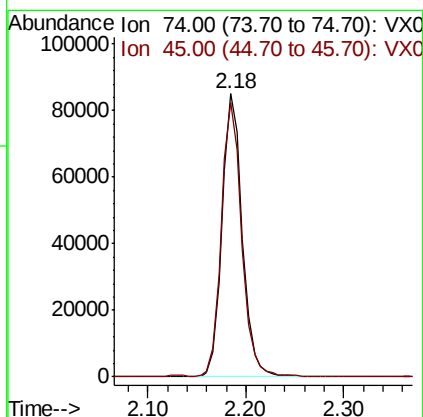
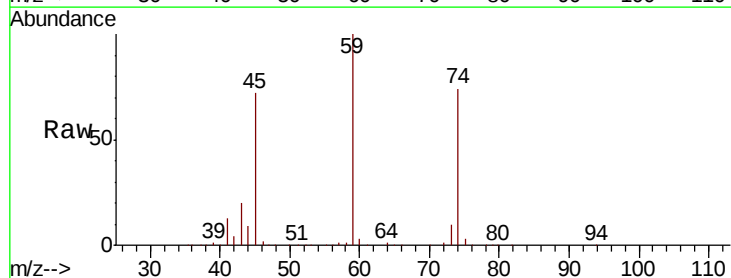
Tot Ion:101 Resp: 278541
Ion Ratio Lower Upper
101 100
103 63.0 48.9 73.3

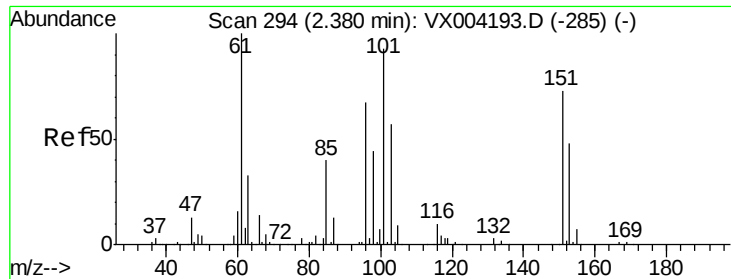


#8

Diethyl Ether
Concen: 48.71 ug/l
RT: 2.18 min Scan# 262
Delta R.T. -0.00 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

Tgt Ion: 74 Resp: 121790
Ion Ratio Lower Upper
74 100
45 97.5 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.97 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

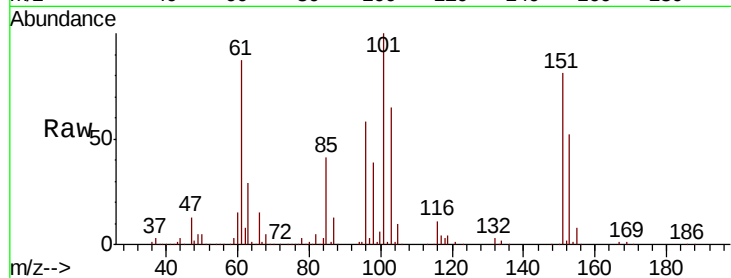
Tot Ion:101 Resp: 179096

Ion Ratio Lower Upper

101 100

85 42.2 34.2 51.4

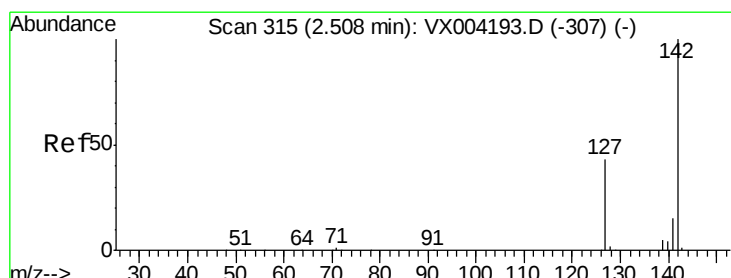
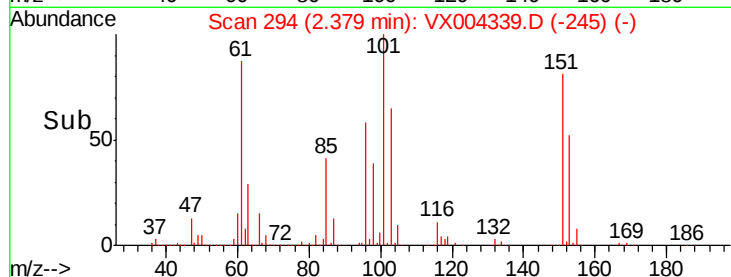
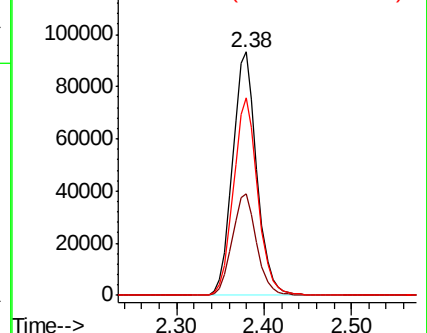
151 81.5 65.0 97.6



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: 45.57 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

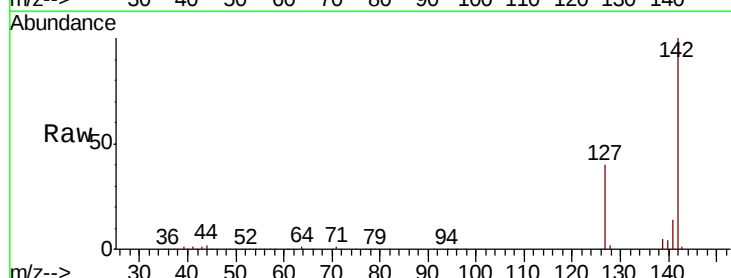
Tgt Ion:142 Resp: 186375

Ion Ratio Lower Upper

142 100

127 40.8 33.8 50.6

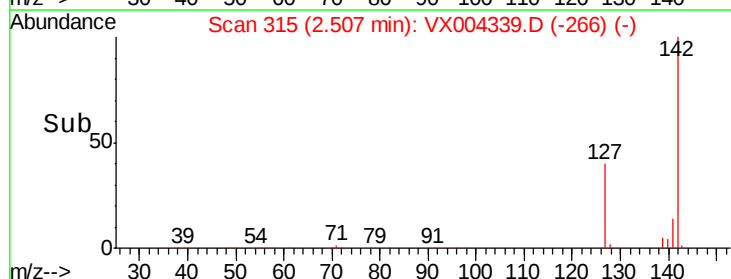
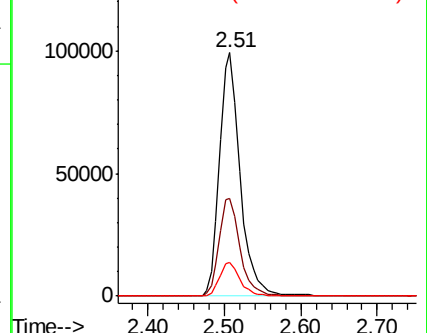
141 13.9 11.4 17.0

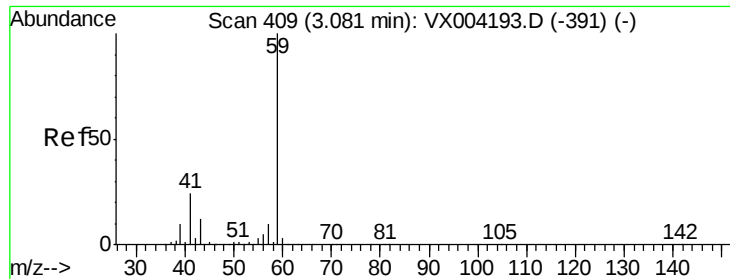


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

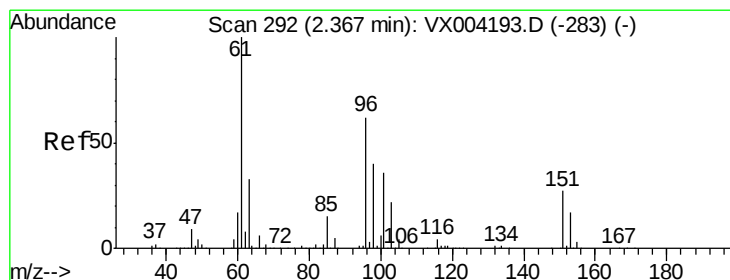
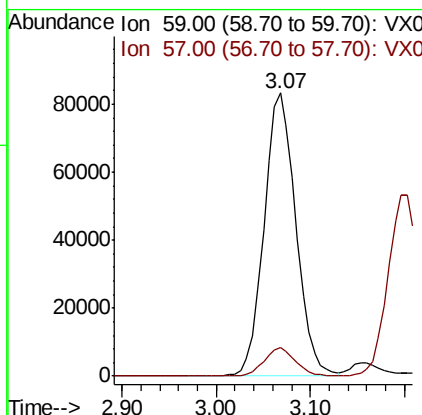
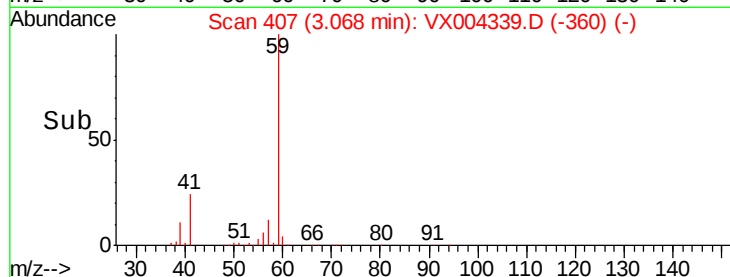
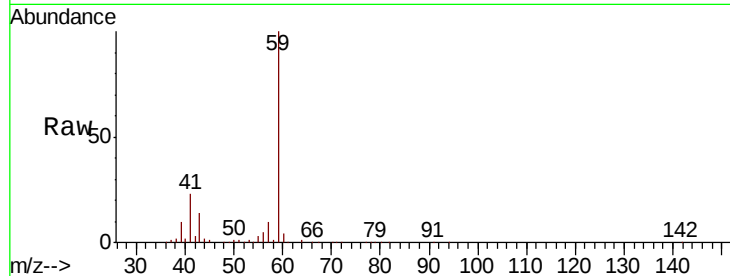




#11
Tert butyl alcohol
Concen: 217.69 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

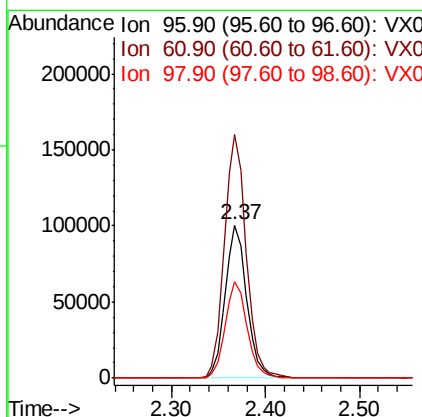
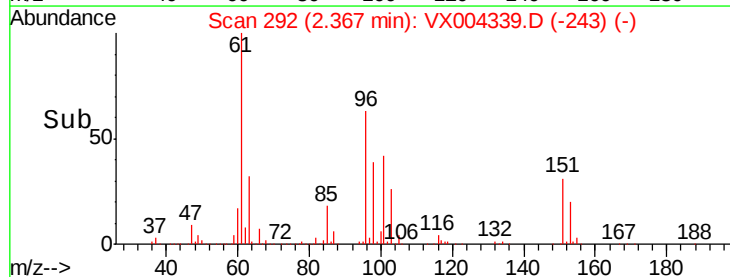
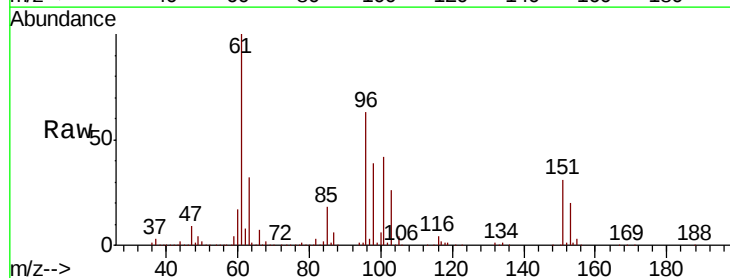
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

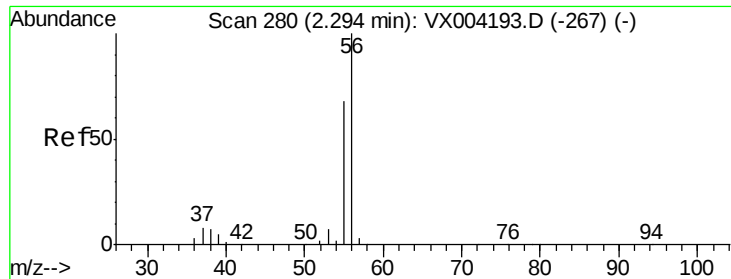
Tot Ion: 59 Resp: 196701
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.4



#12
1,1-Dichloroethene
Concen: 46.38 ug/l
RT: 2.37 min Scan# 292
Delta R.T. -0.00 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

Tgt Ion: 96 Resp: 159799
Ion Ratio Lower Upper
96 100
61 159.3 128.8 193.2
98 62.8 52.2 78.2

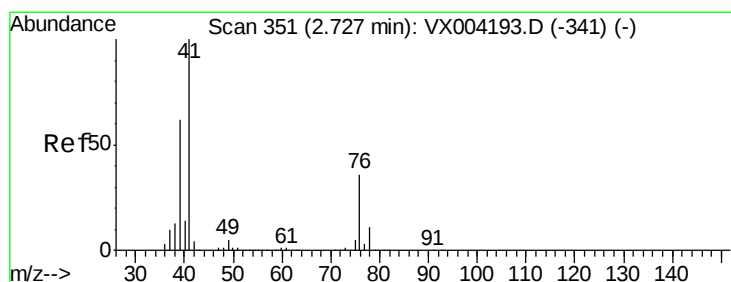
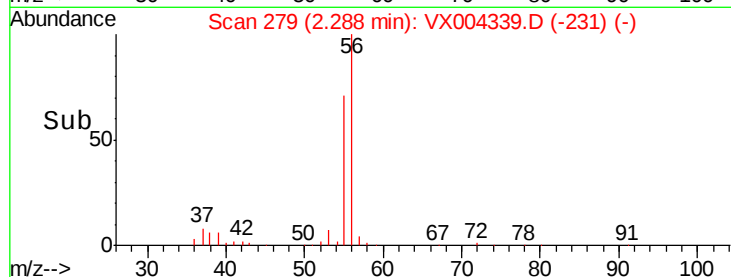
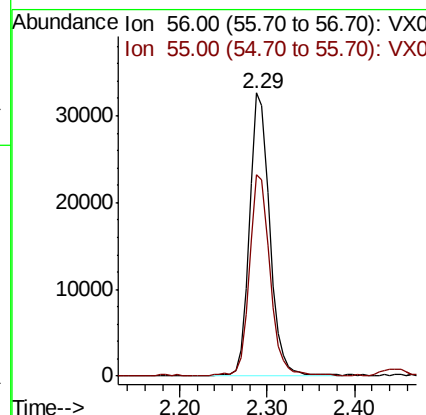
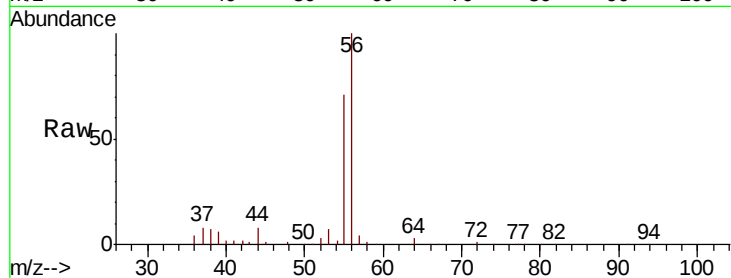




#13
Acrolein
Concen: 240.42 ug/l
RT: 2.29 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

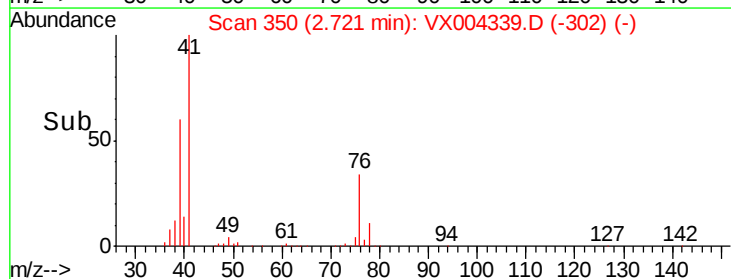
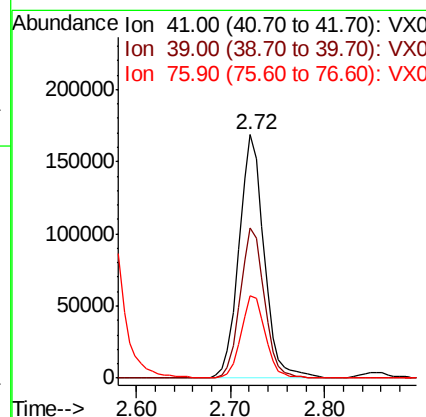
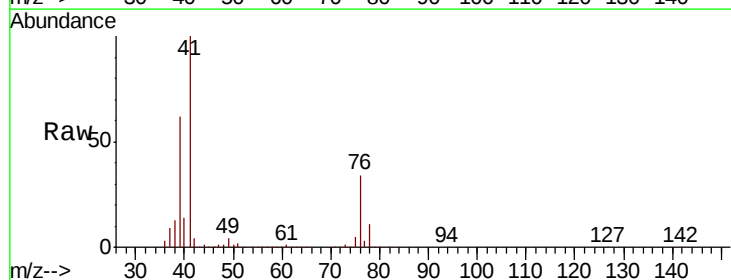
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 52373
Ion Ratio Lower Upper
56 100
55 70.9 54.7 82.1



#14
Allyl chloride
Concen: 49.46 ug/l
RT: 2.72 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

Tgt Ion: 41 Resp: 313062
Ion Ratio Lower Upper
41 100
39 59.4 48.9 73.3
76 32.6 26.7 40.1

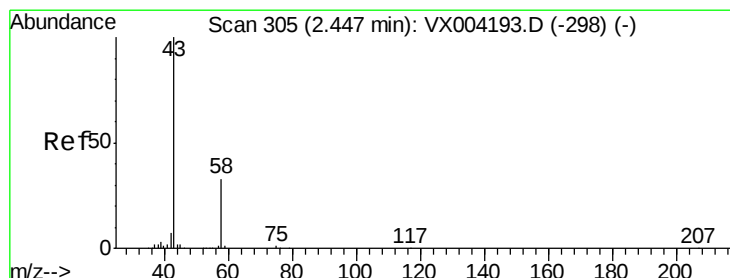
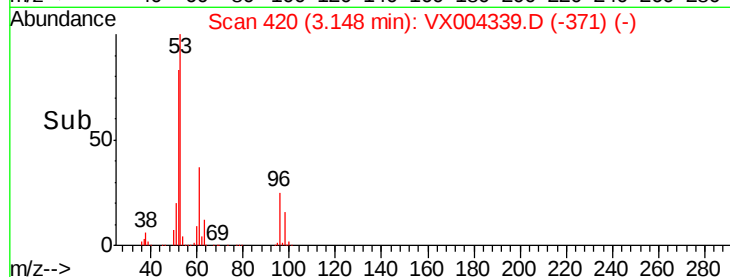
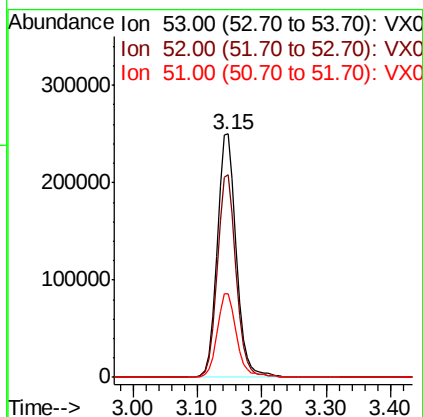
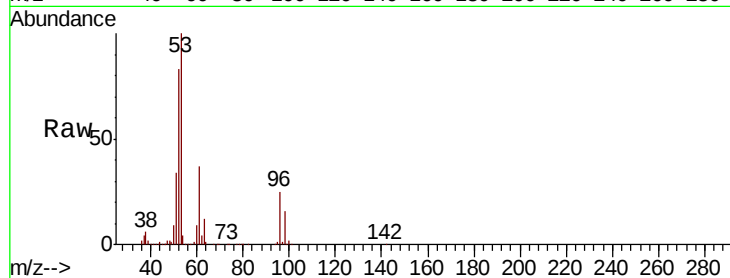




#15
 Acrylonitrile
 Concen: 233.81 ug/l
 RT: 3.15 min Scan# 420
 Delta R.T. -0.00 min
 Lab File: VX004339.D
 Acq: 04 Sep 2018 11:24

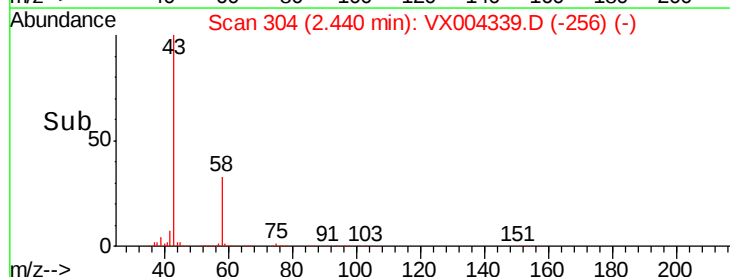
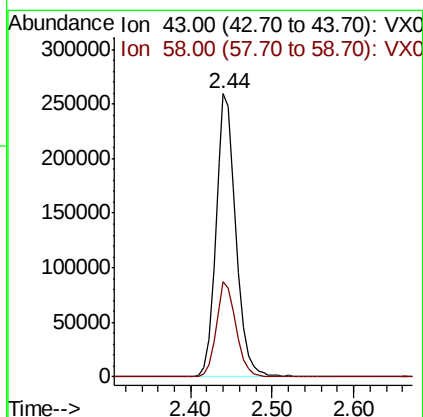
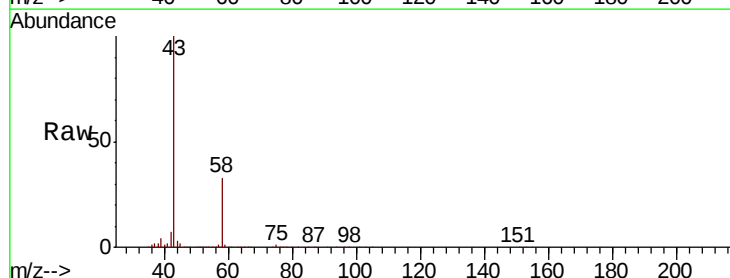
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

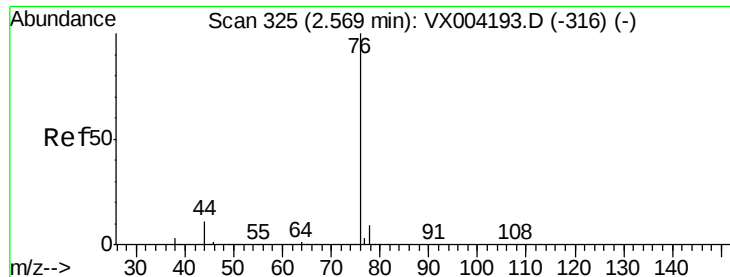
Tot Ion	53	Resp	523202
Ion	Ratio	Lower	Upper
53	100		
52	81.9	65.2	97.8
51	34.9	28.2	42.2



#16
 Acetone
 Concen: 253.98 ug/l
 RT: 2.44 min Scan# 304
 Delta R.T. -0.01 min
 Lab File: VX004339.D
 Acq: 04 Sep 2018 11:24

Tgt Ion	43	Resp	439259
Ion	Ratio	Lower	Upper
43	100		
58	33.4	26.2	39.4

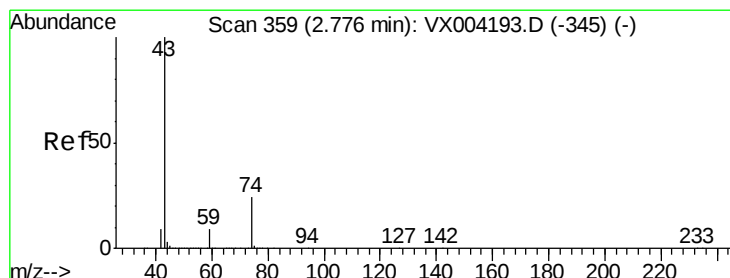
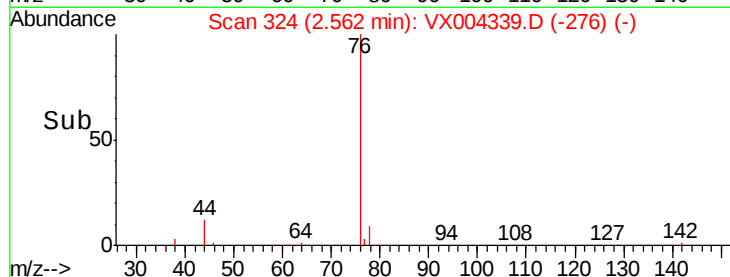
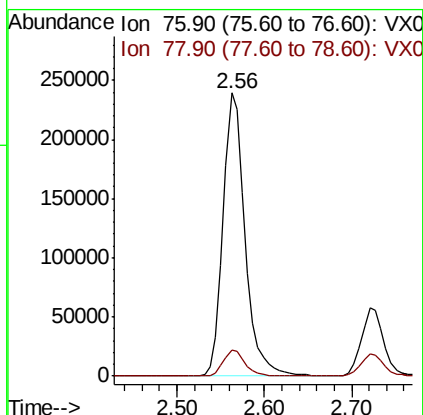
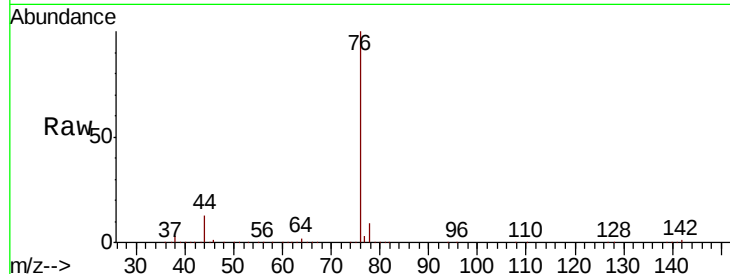




#17
Carbon Disulfide
Concen: 43.70 ug/l
RT: 2.56 min Scan# 324
Delta R.T. -0.01 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

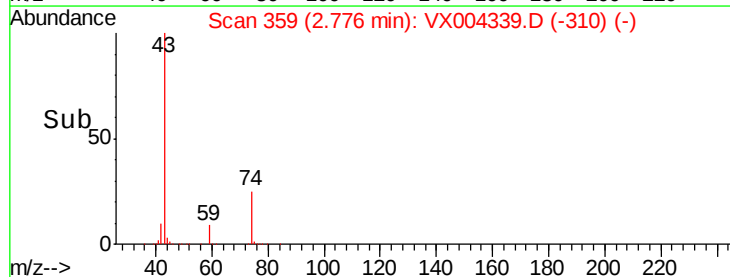
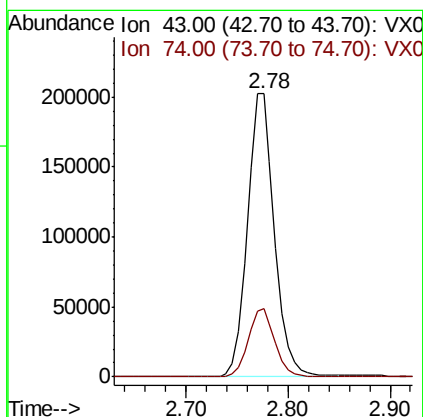
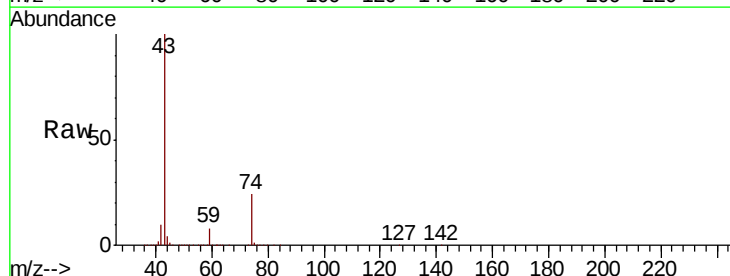
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

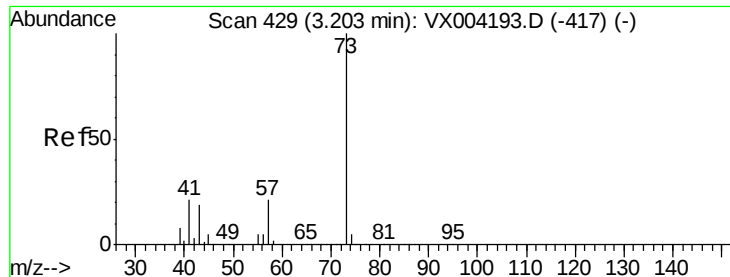
Tot Ion: 76 Resp: 417158
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#18
Methyl Acetate
Concen: 58.95 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.00 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

Tgt Ion: 43 Resp: 370817
Ion Ratio Lower Upper
43 100
74 24.1 19.4 29.2

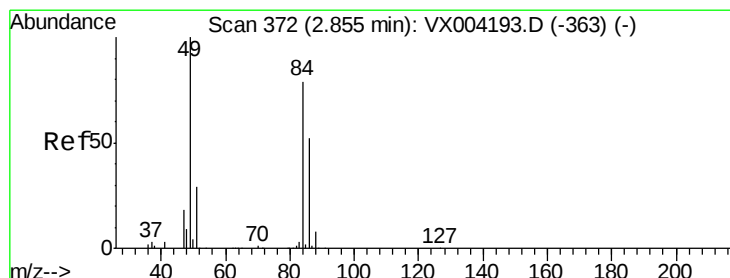
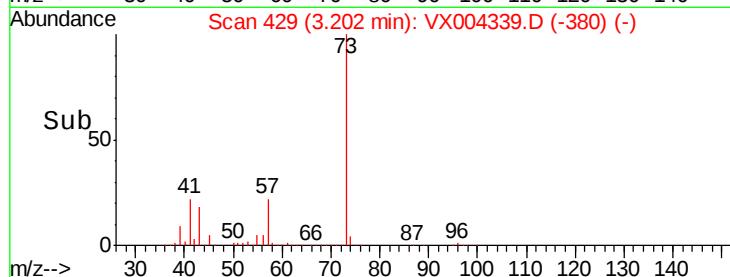
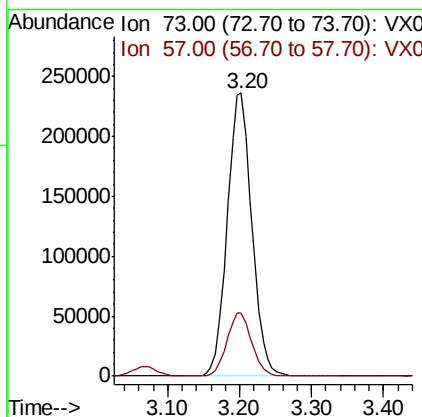
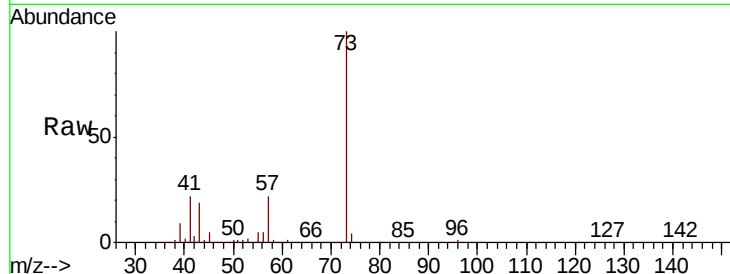




#19
Methyl tert-butyl Ether
Concen: 49.31 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.00 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

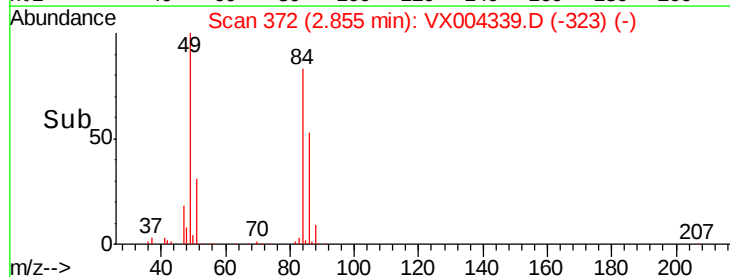
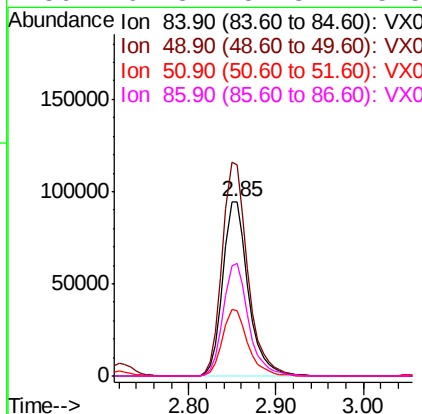
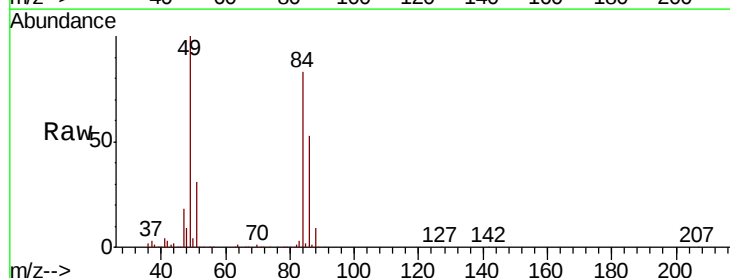
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

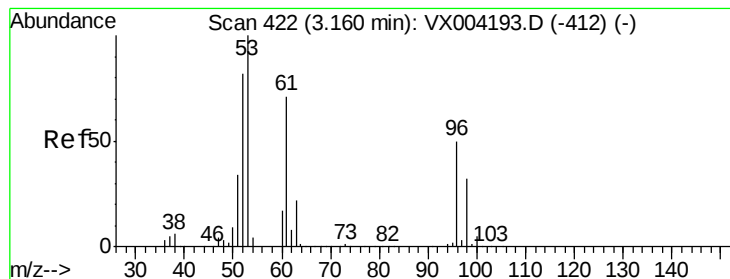
Tot Ion: 73 Resp: 559870
Ion Ratio Lower Upper
73 100
57 22.5 17.1 25.7



#20
Methylene Chloride
Concen: 46.91 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

Tgt Ion: 84 Resp: 191425
Ion Ratio Lower Upper
84 100
49 120.7 101.2 151.8
51 37.3 29.5 44.3
86 64.3 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 45.79 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

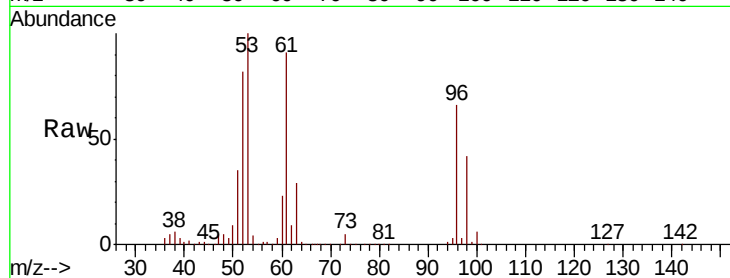
Tot Ion: 96 Resp: 174635

Ion Ratio Lower Upper

96 100

61 138.0 113.8 170.6

98 63.6 51.8 77.8

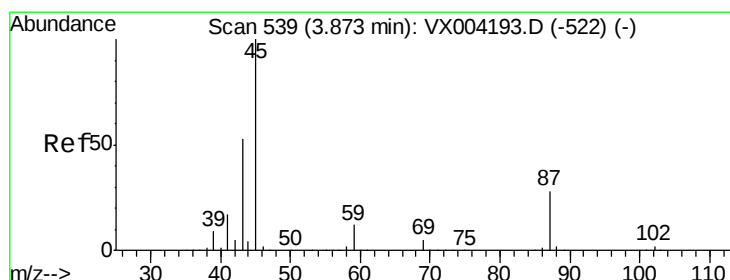
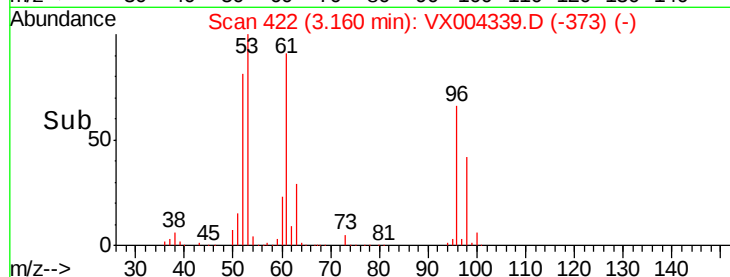
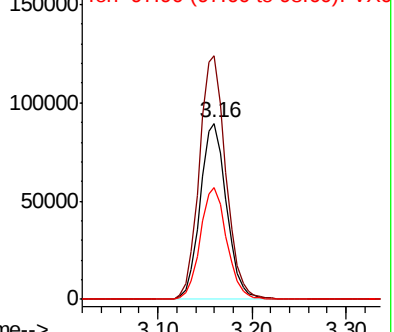


Abundance

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: 49.96 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.01 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Tgt Ion: 45 Resp: 590422

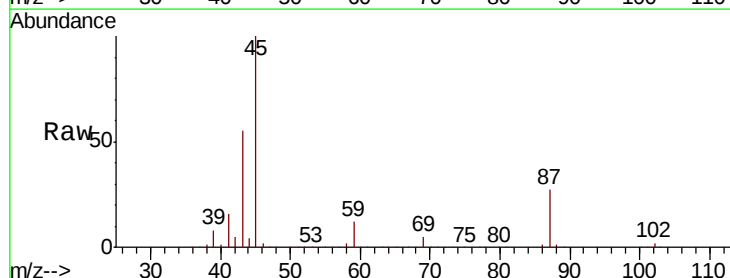
Ion Ratio Lower Upper

45 100

43 54.5 42.8 64.2

87 27.4 22.6 34.0

59 12.3 9.6 14.4



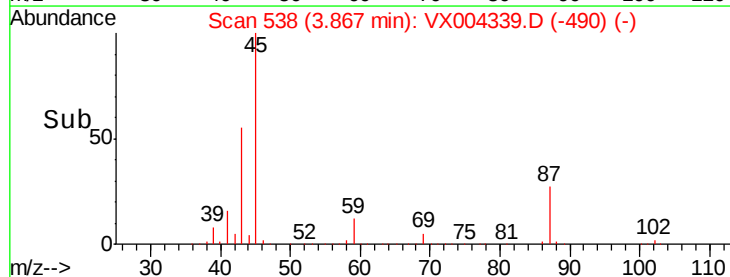
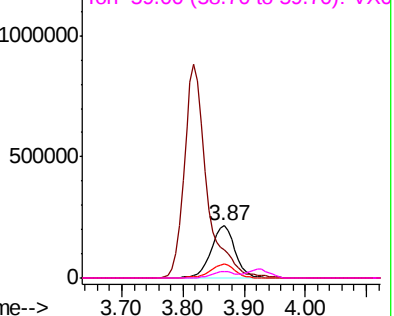
Abundance

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

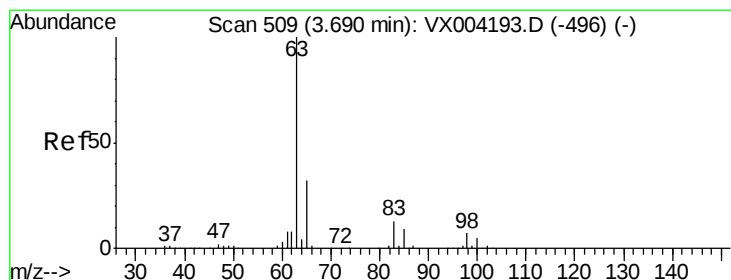
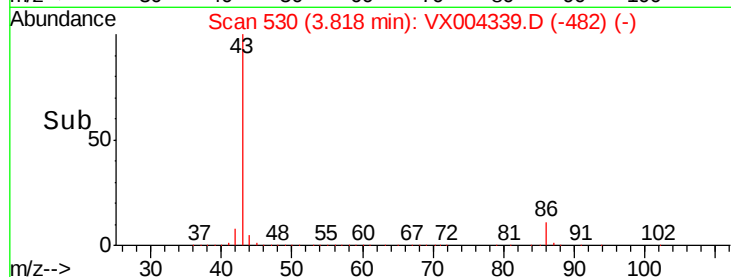
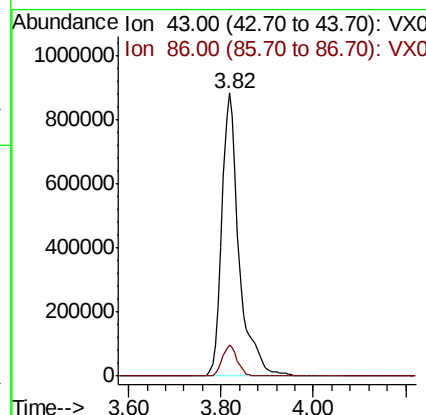
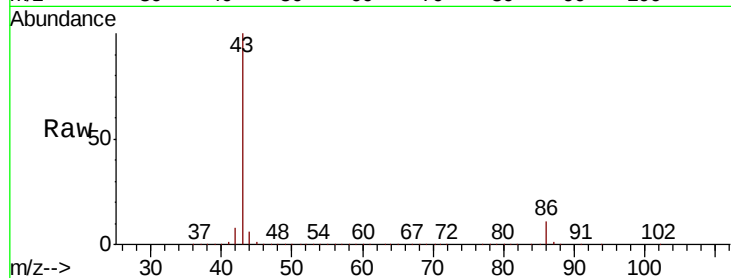




#23
 Vinyl Acetate
 Concen: 239.14 ug/l
 RT: 3.82 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: VX004339.D
 Acq: 04 Sep 2018 11:24

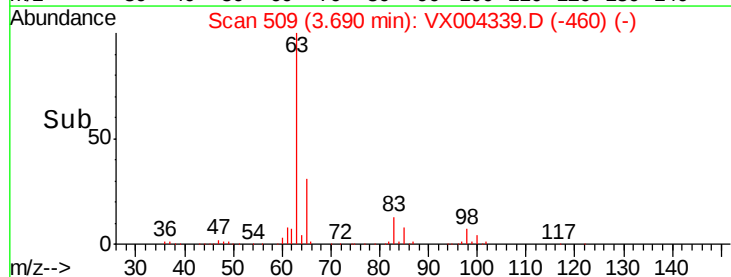
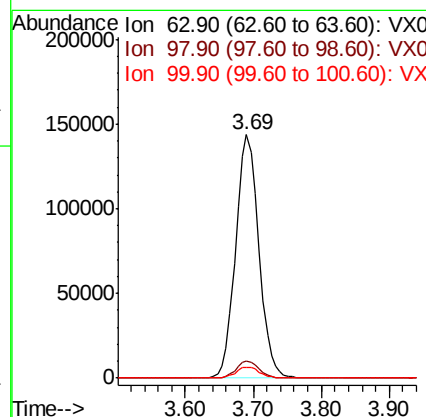
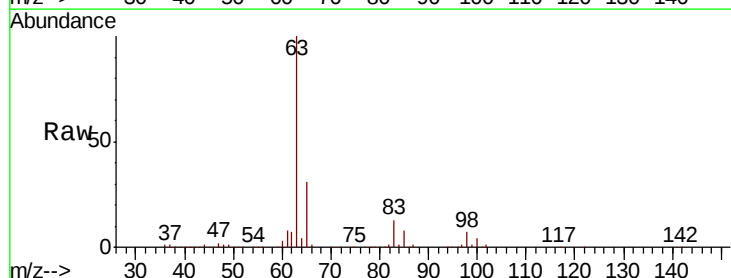
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

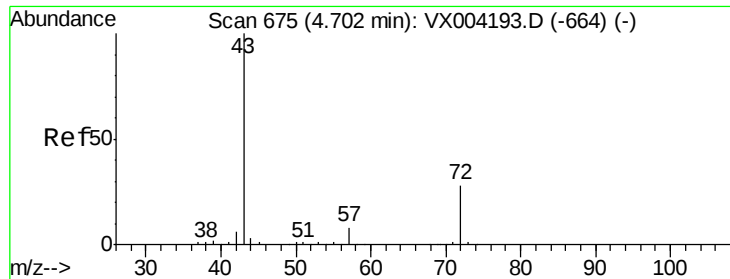
Tot Ion: 43 Resp: 2290777
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 49.28 ug/l
 RT: 3.69 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VX004339.D
 Acq: 04 Sep 2018 11:24

Tgt Ion: 63 Resp: 339408
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.4
 100 4.4 2.4 7.1





#25

2-Butanone

Concen: 243.00 ug/l

RT: 4.70 min Scan# 674

Delta R.T. -0.01 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Instrument :

MSVOA_X

ClientSampleId :

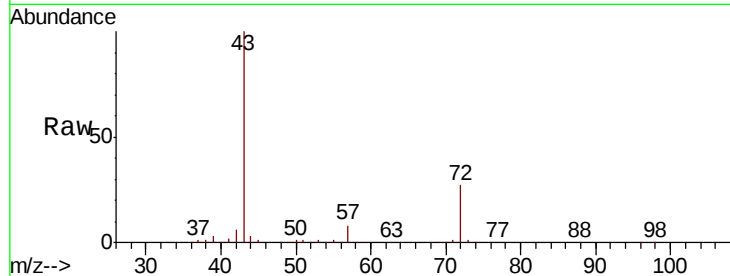
VSTDCCC050

Tot Ion: 43 Resp: 690430

Ion Ratio Lower Upper

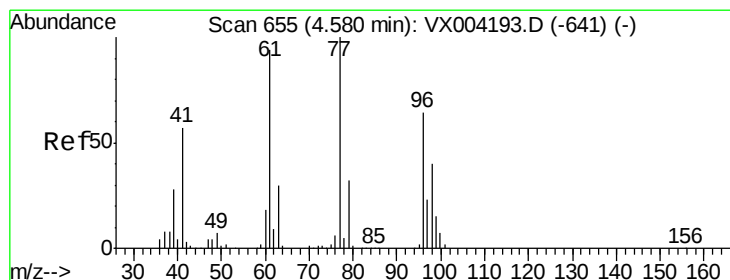
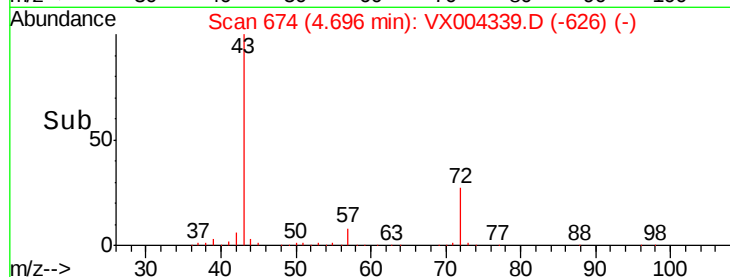
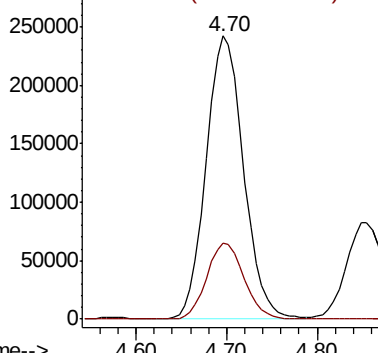
43 100

72 26.7 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 50.52 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.00 min

Lab File: VX004339.D

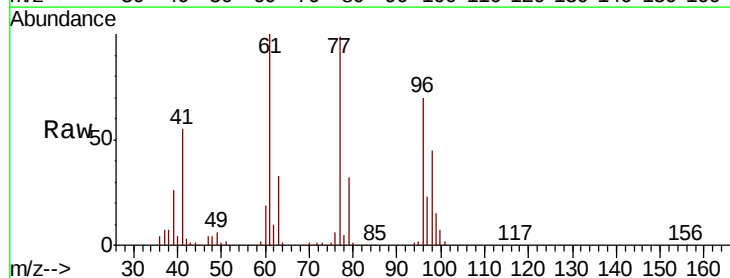
Acq: 04 Sep 2018 11:24

Tgt Ion: 77 Resp: 272904

Ion Ratio Lower Upper

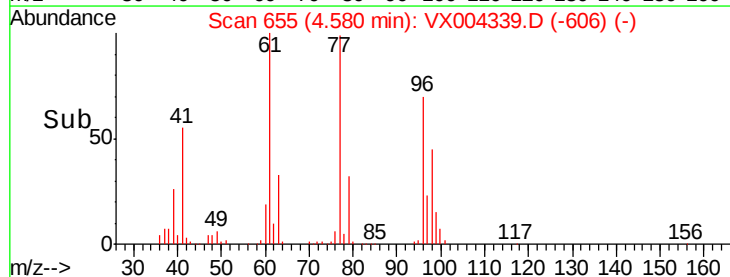
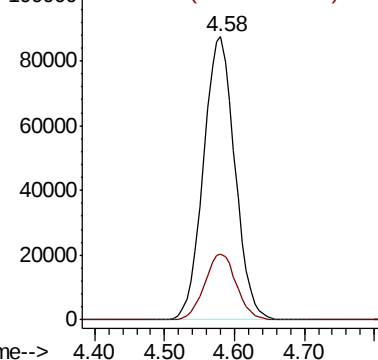
77 100

97 23.4 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



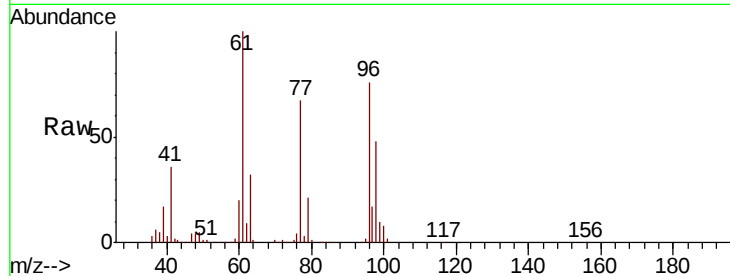


#27

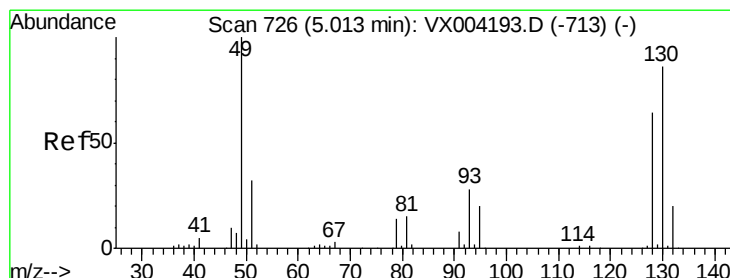
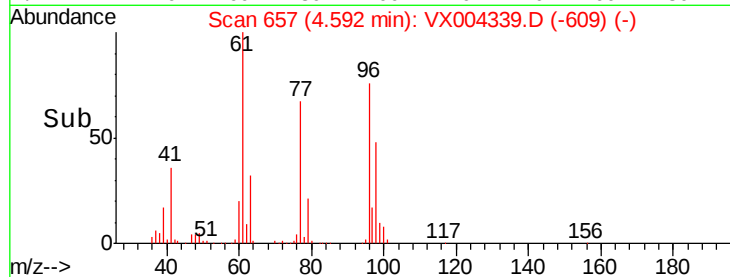
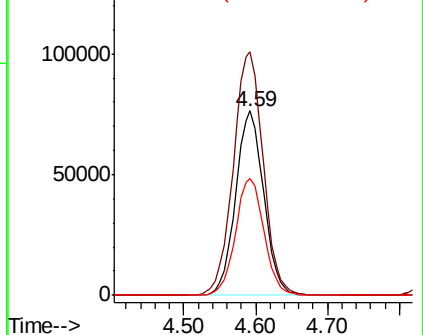
cis-1,2-Dichloroethene
Concen: 47.88 ug/l
RT: 4.59 min Scan# 657
Delta R.T. -0.01 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.3	0.0	282.6
98	64.2	0.0	130.2



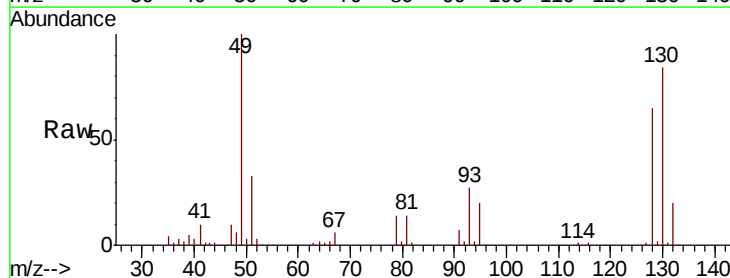
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



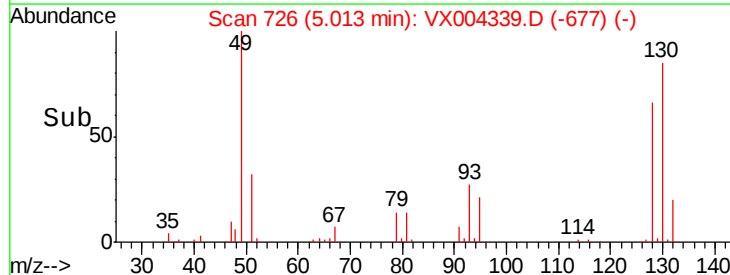
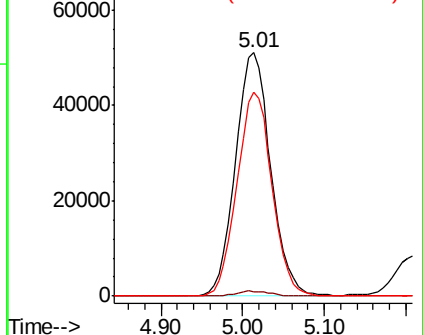
#28

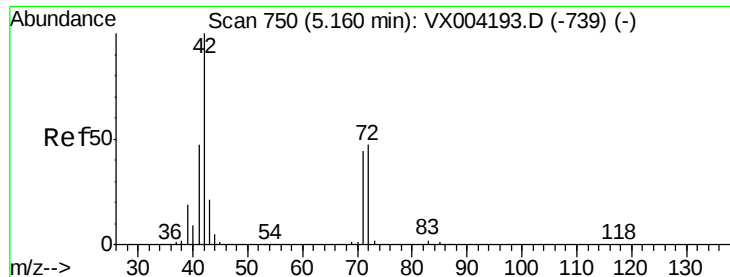
Bromochloromethane
Concen: 50.20 ug/l
RT: 5.01 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	83.3	67.5	101.3



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





#29

Tetrahydrofuran

Concen: 236.99 ug/l

RT: 5.15 min Scan# 749

Delta R.T. -0.01 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

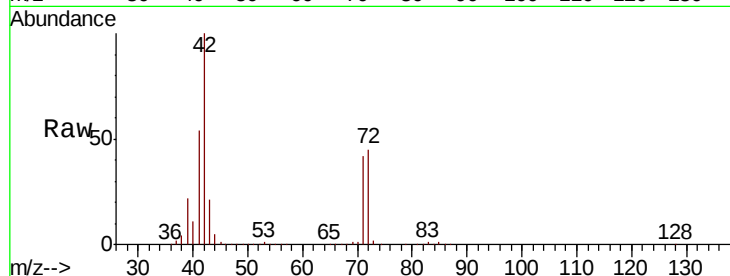
Tot Ion: 42 Resp: 431605

Ion Ratio Lower Upper

42 100

72 46.3 37.4 56.0

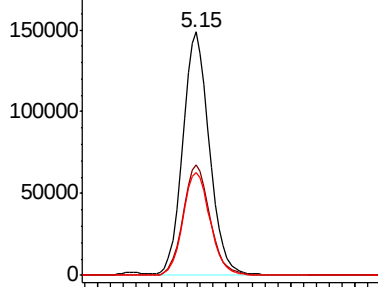
71 43.3 34.5 51.7



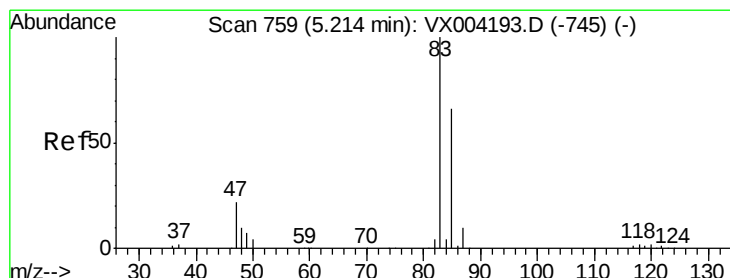
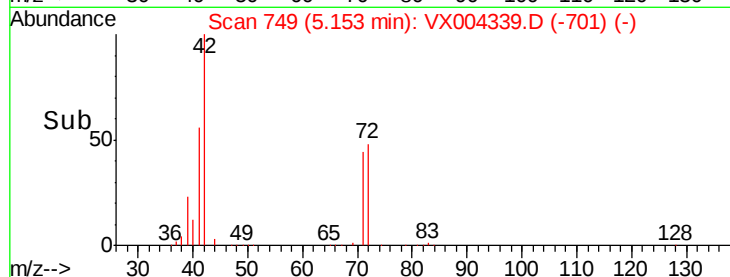
Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



Time-->



#30

Chloroform

Concen: 48.83 ug/l

RT: 5.21 min Scan# 758

Delta R.T. -0.01 min

Lab File: VX004339.D

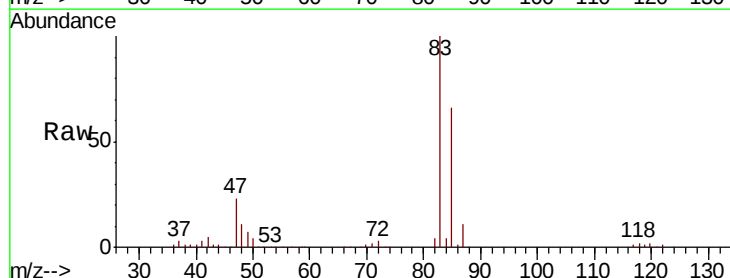
Acq: 04 Sep 2018 11:24

Tgt Ion: 83 Resp: 337244

Ion Ratio Lower Upper

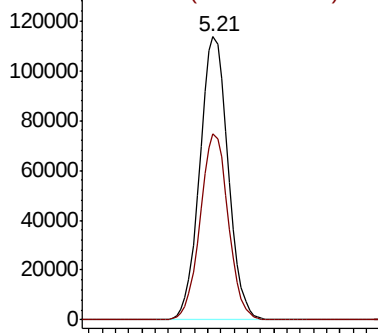
83 100

85 65.6 52.6 79.0

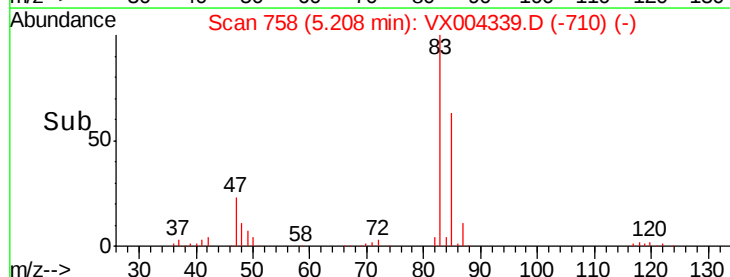


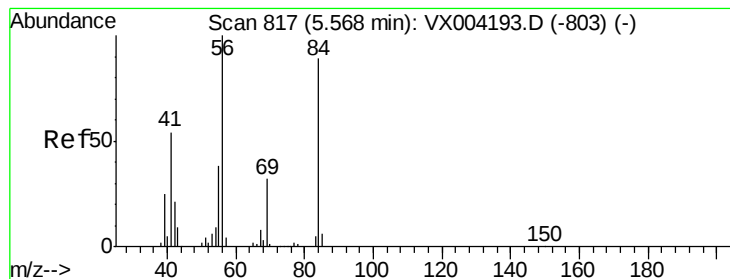
Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0



Time-->





#31

Cyclohexane

Concen: 48.19 ug/l

RT: 5.57 min Scan# 817

Delta R.T. -0.00 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

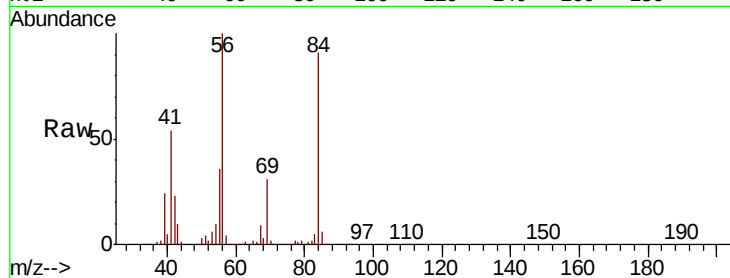
Tot Ion: 56 Resp: 286414

Ion Ratio Lower Upper

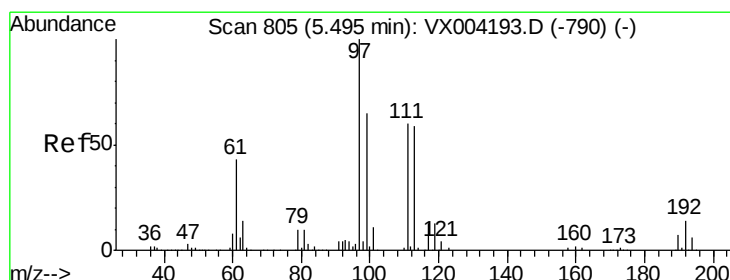
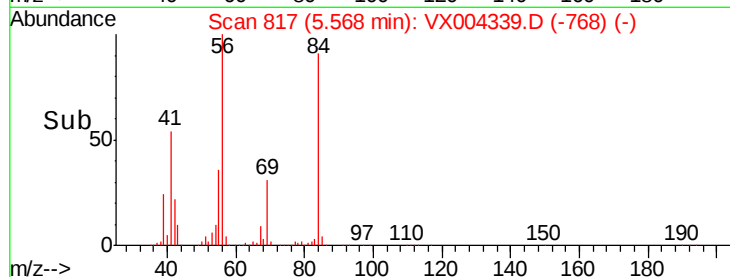
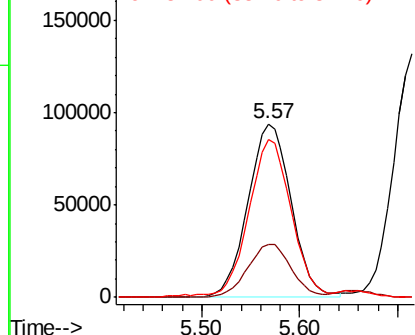
56 100

69 30.8 25.4 38.2

84 89.8 71.4 107.2



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 48.88 ug/l

RT: 5.49 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

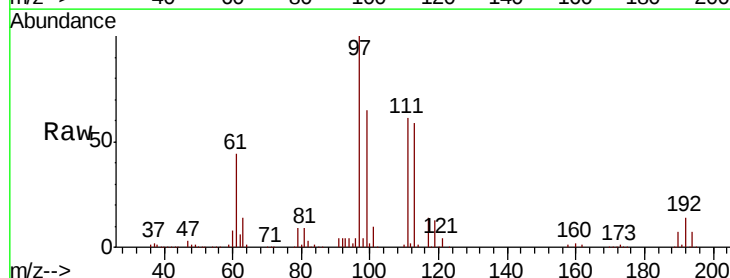
Tgt Ion: 97 Resp: 281464

Ion Ratio Lower Upper

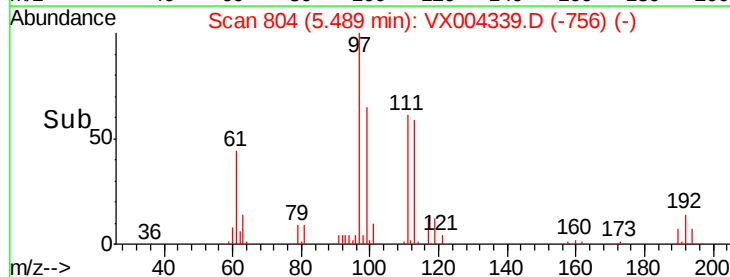
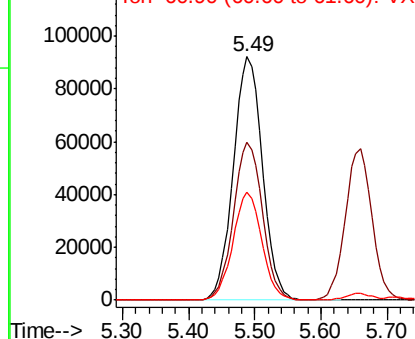
97 100

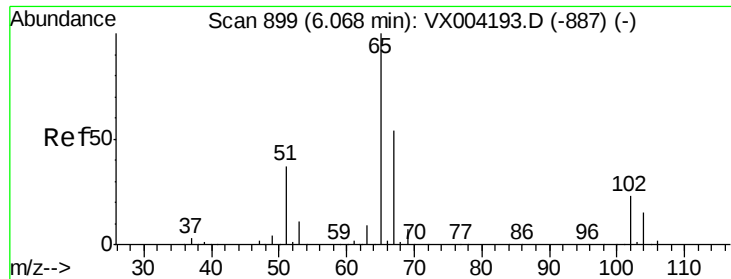
99 64.6 52.0 78.0

61 44.0 34.9 52.3



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

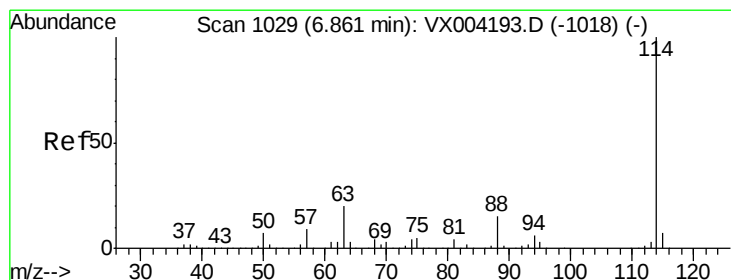
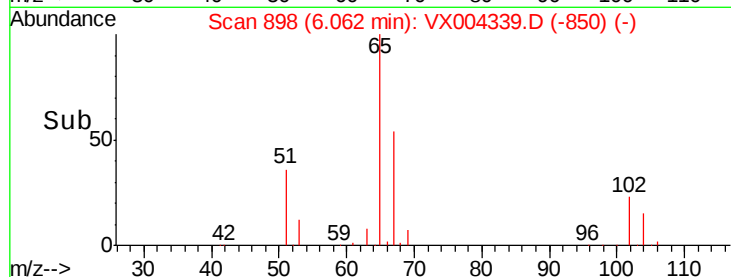
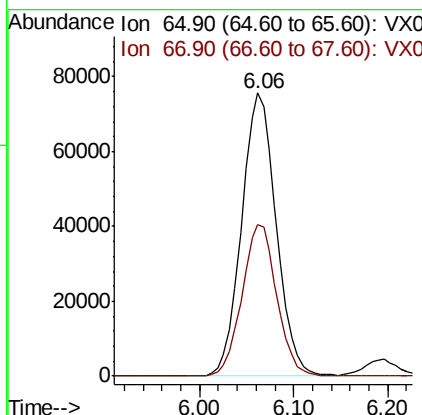
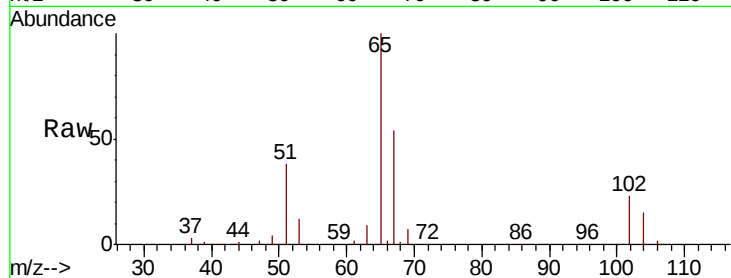




#33
 1,2-Dichloroethane-d4
 Concen: 45.86 ug/l
 RT: 6.06 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: VX004339.D
 Acq: 04 Sep 2018 11:24

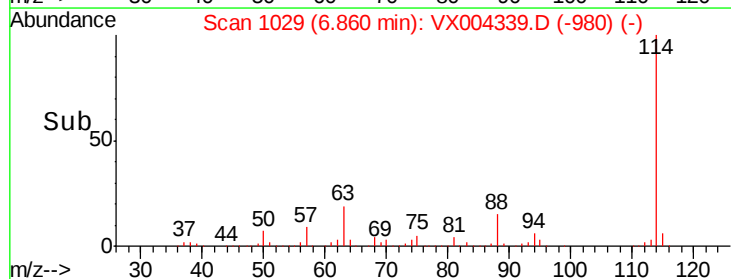
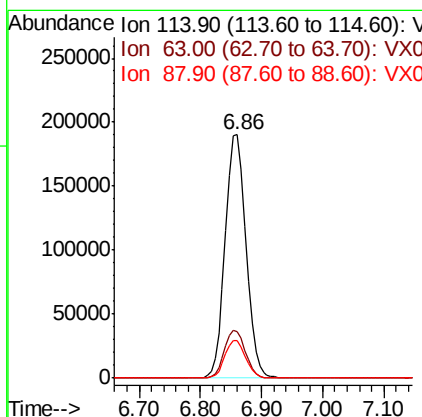
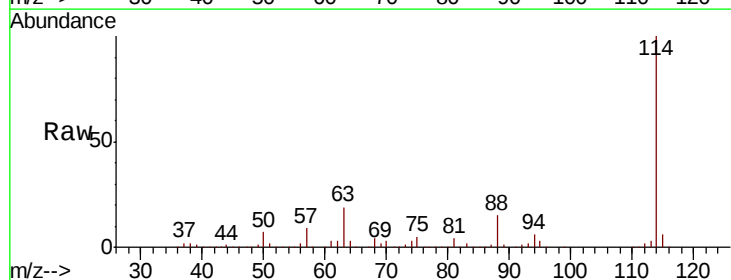
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 65 Resp: 194397
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004339.D
 Acq: 04 Sep 2018 11:24

Tgt Ion: 114 Resp: 448760
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.0
 88 15.3 0.0 30.4

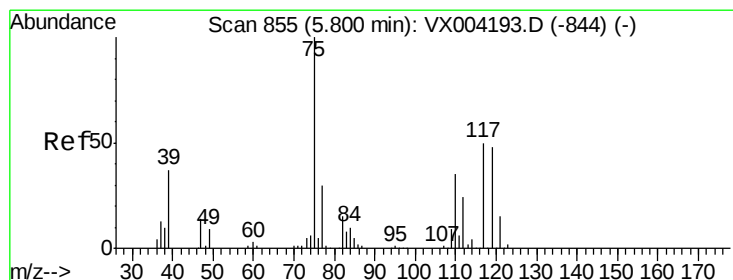
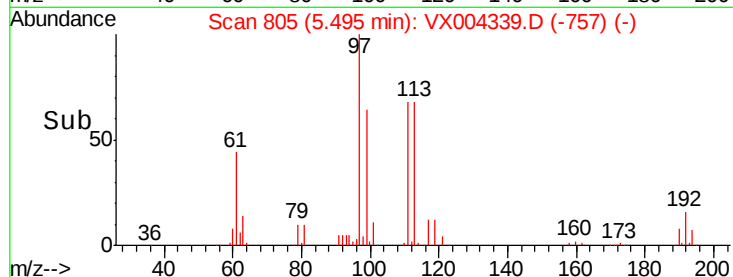
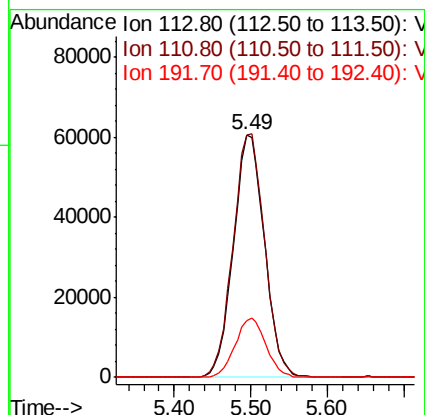
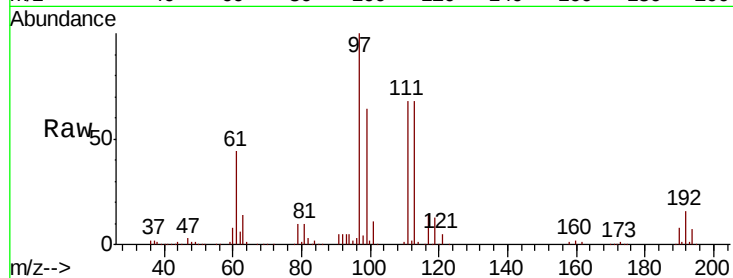




#35
 Dibromofluoromethane
 Concen: 51.09 ug/l
 RT: 5.49 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX004339.D
 Acq: 04 Sep 2018 11:24

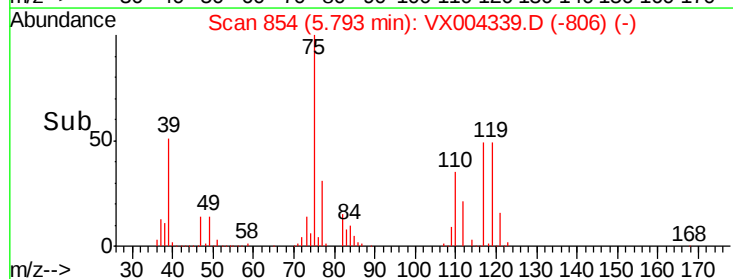
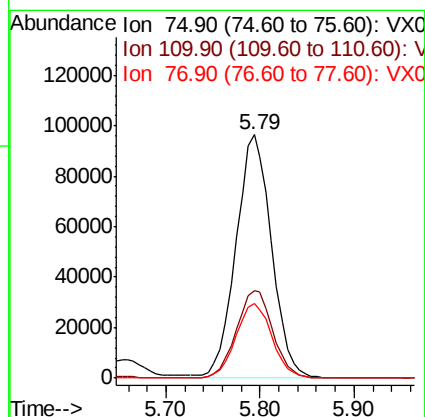
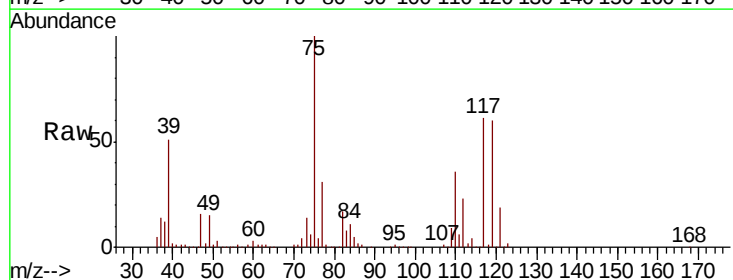
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

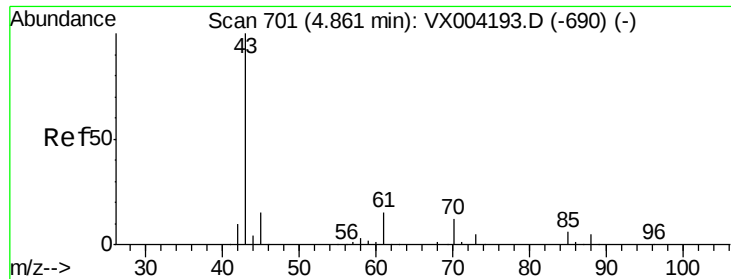
Tot Ion:113 Resp: 170548
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.4 123.6
 192 24.3 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 50.23 ug/l
 RT: 5.79 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: VX004339.D
 Acq: 04 Sep 2018 11:24

Tgt Ion: 75 Resp: 253419
 Ion Ratio Lower Upper
 75 100
 110 36.9 18.0 54.0
 77 31.2 24.6 36.8





#37

Ethyl Acetate

Concen: 49.46 ug/l

RT: 4.85 min Scan# 700

Delta R.T. -0.01 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

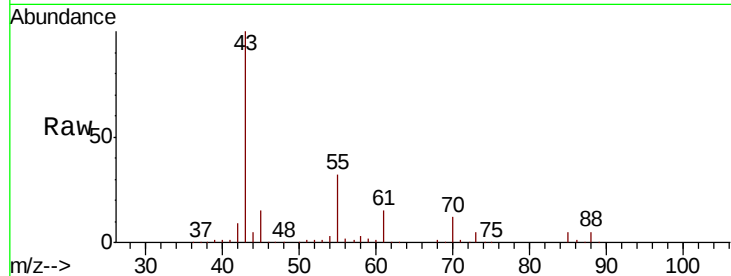
Tot Ion: 43 Resp: 245391

Ion Ratio Lower Upper

43 100

61 14.8 11.5 17.3

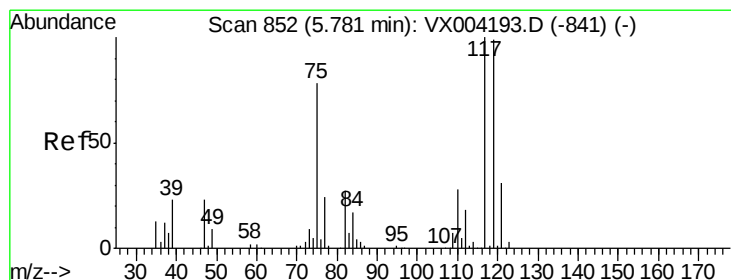
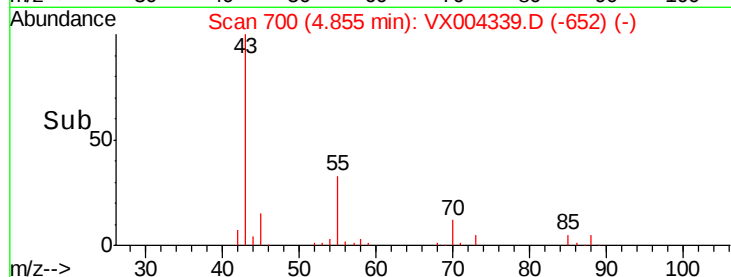
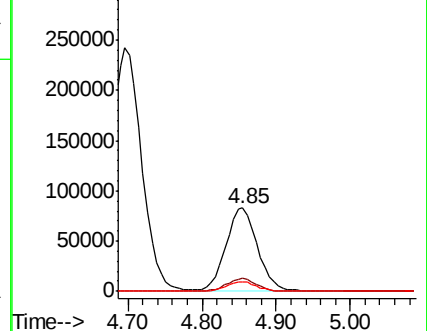
70 11.3 9.0 13.6



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: 51.90 ug/l

RT: 5.78 min Scan# 851

Delta R.T. -0.01 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

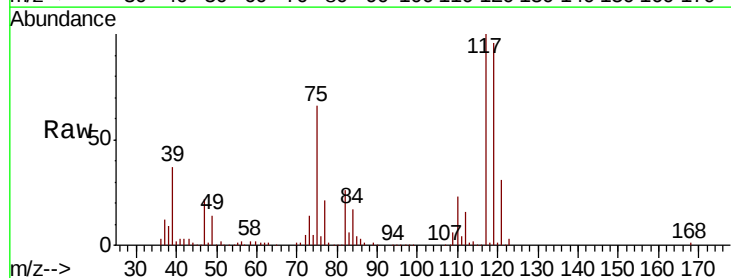
Tgt Ion: 117 Resp: 246337

Ion Ratio Lower Upper

117 100

119 95.9 78.8 118.2

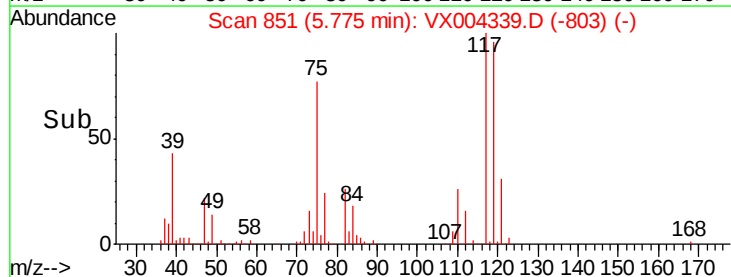
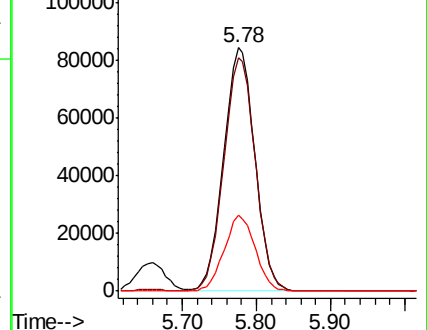
121 31.3 24.9 37.3

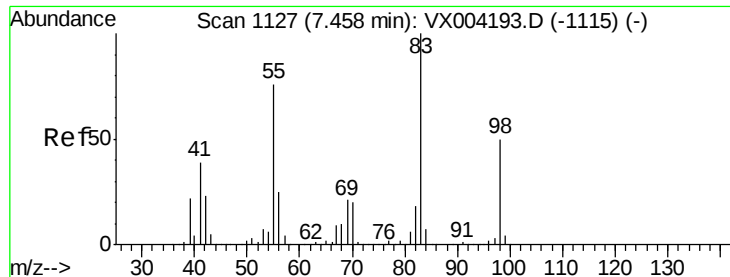


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

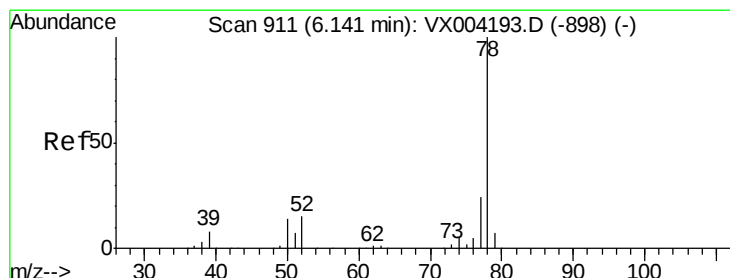
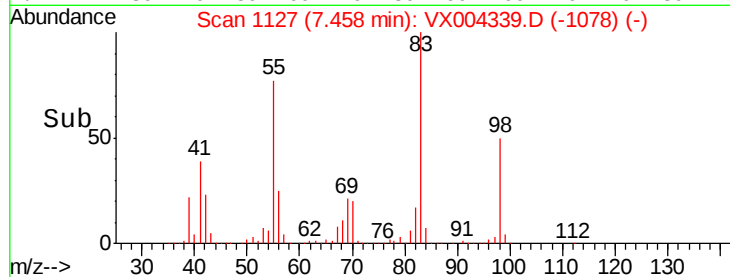
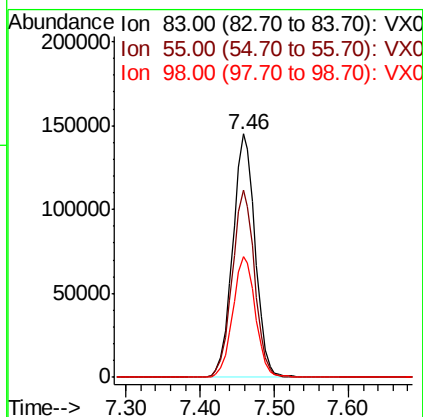
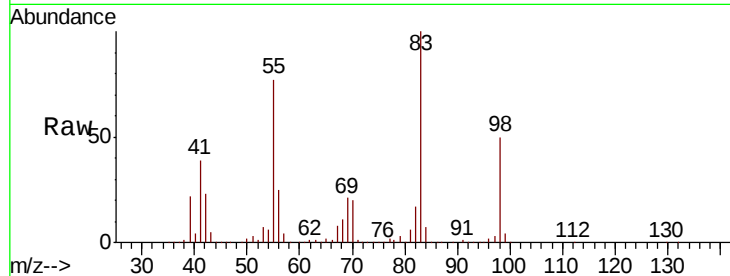




#39
Methvlcvclohexane
Concen: 53.23 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

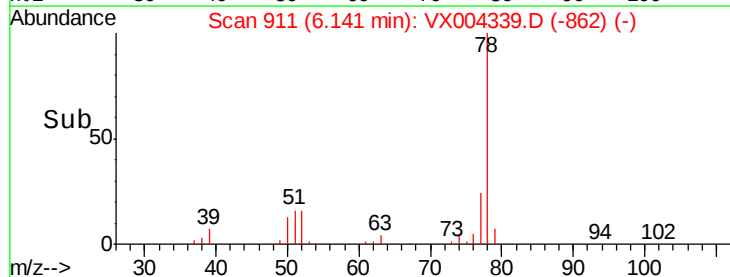
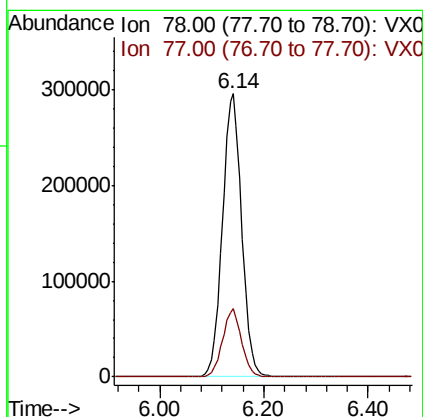
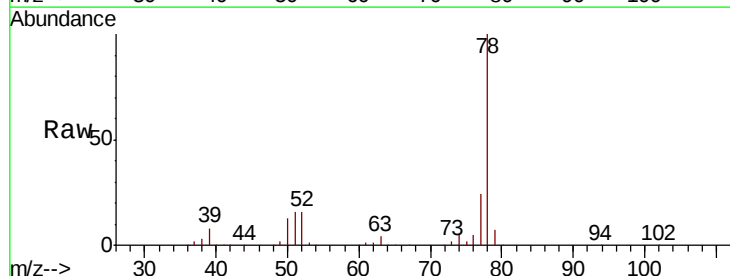
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 306635
Ion Ratio Lower Upper
83 100
55 77.0 61.0 91.4
98 49.7 39.6 59.4



#40
Benzene
Concen: 51.15 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.00 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

Tgt Ion: 78 Resp: 771049
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.4

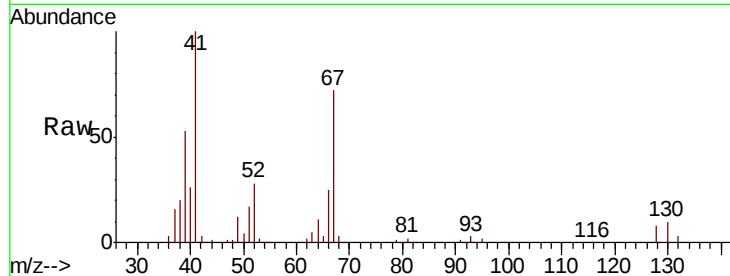




#41
Methacrylonitrile
Concen: 51.96 ug/l
RT: 5.06 min Scan# 733
Delta R.T. -0.01 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	149435
Ion	Ratio	Lower	Upper
41	100		
39	52.7	42.4	63.6
67	73.1	59.2	88.8
52	28.5	23.0	34.4



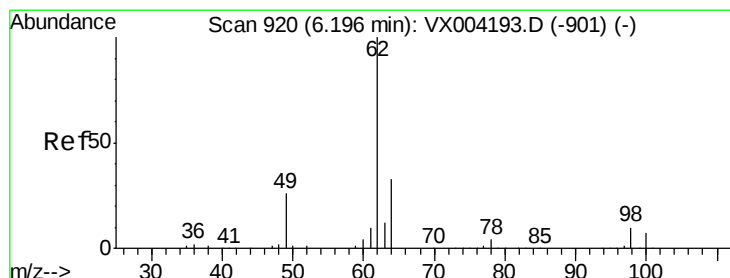
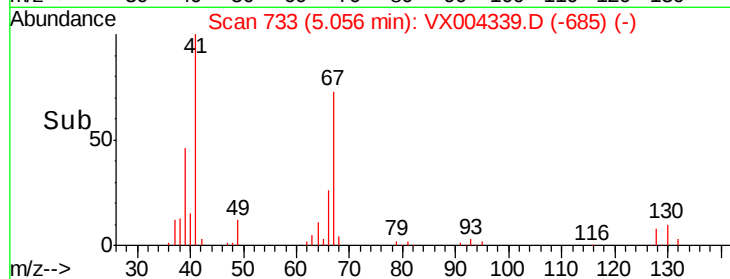
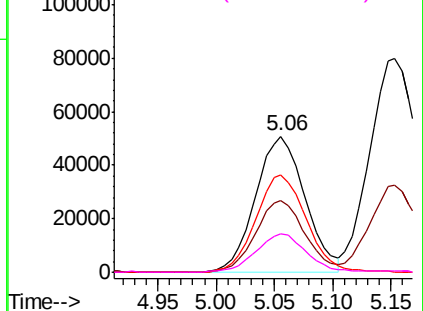
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

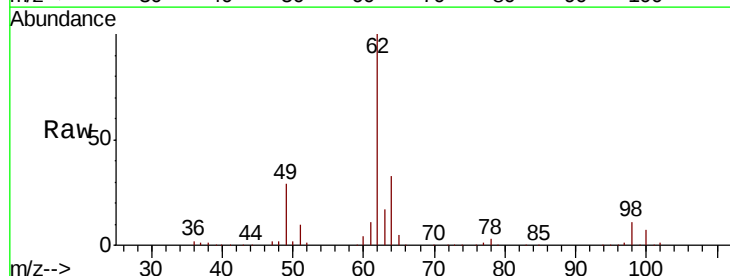
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 49.77 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.00 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

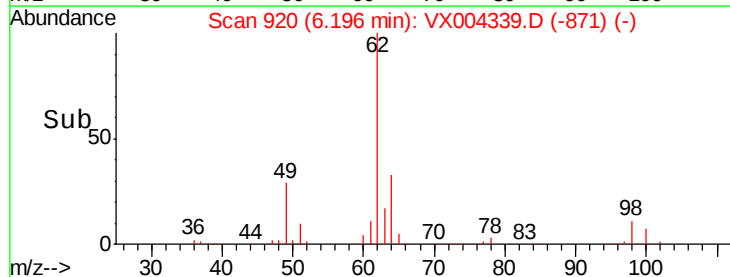
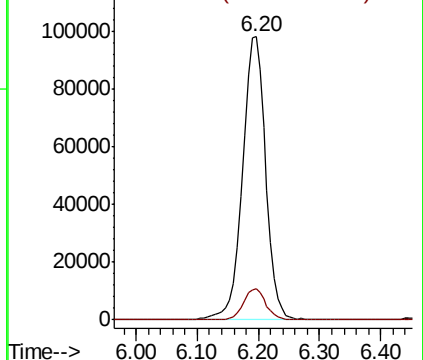
Tgt Ion:	62	Resp:	255937
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	20.6



Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.44 ug/l

RT: 6.46 min Scan# 963

Delta R.T. -0.01 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

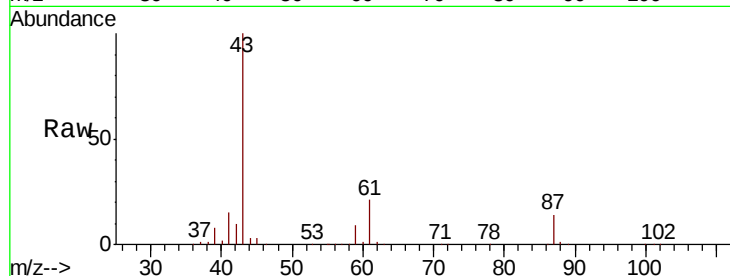
Tot Ion: 43 Resp: 392184

Ion Ratio Lower Upper

43 100

61 21.6 17.0 25.4

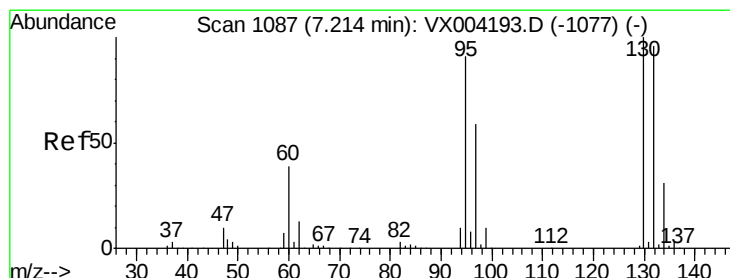
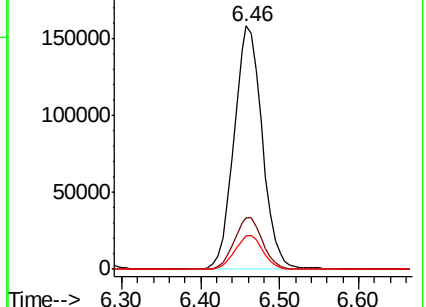
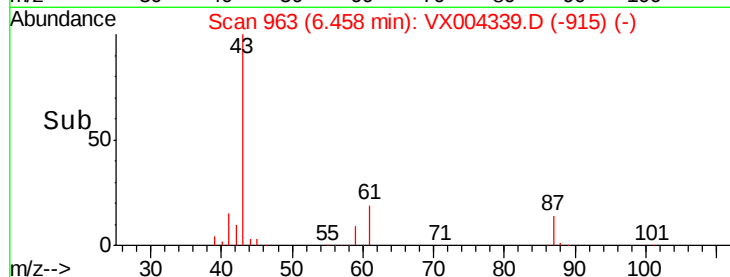
87 14.0 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX004339.D (-915) (-)

Ion 61.00 (60.70 to 61.70): VX004339.D (-915) (-)

Ion 87.00 (86.70 to 87.70): VX004339.D (-915) (-)



#44

Trichloroethene

Concen: 50.21 ug/l

RT: 7.21 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX004339.D

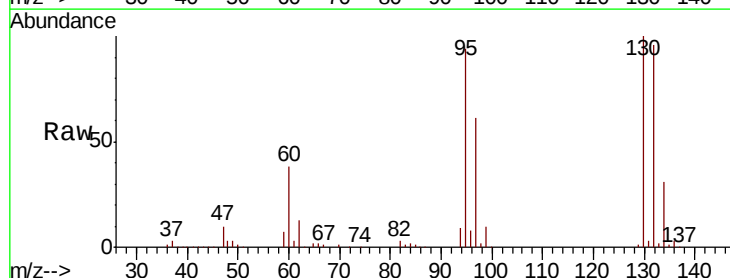
Acq: 04 Sep 2018 11:24

Tgt Ion: 130 Resp: 209534

Ion Ratio Lower Upper

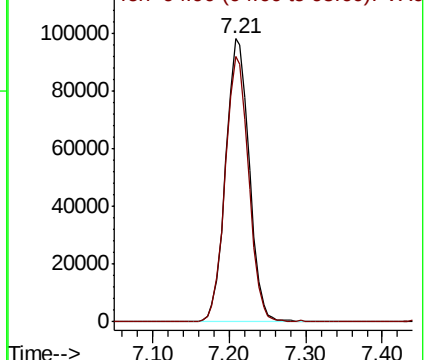
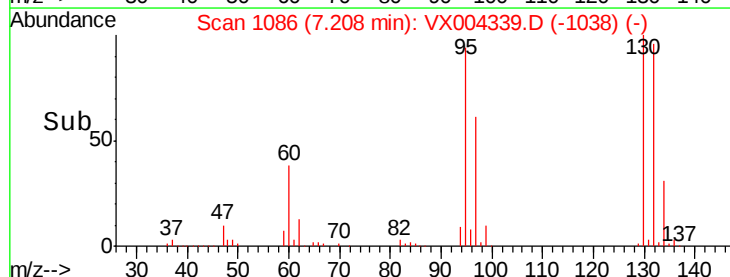
130 100

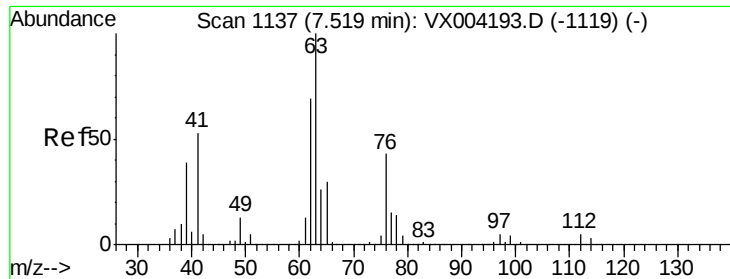
95 93.6 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): VX004339.D (-1038) (-)

Ion 94.90 (94.60 to 95.60): VX004339.D (-1038) (-)

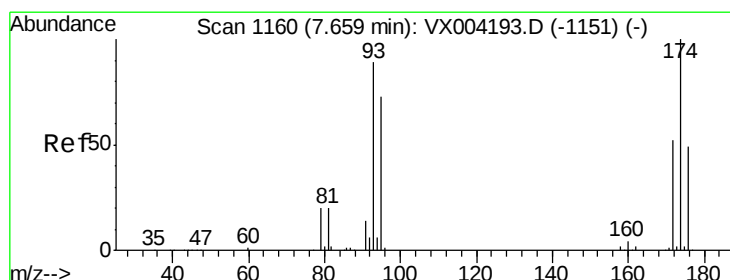
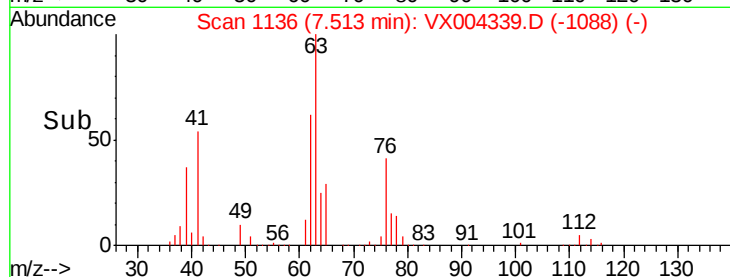
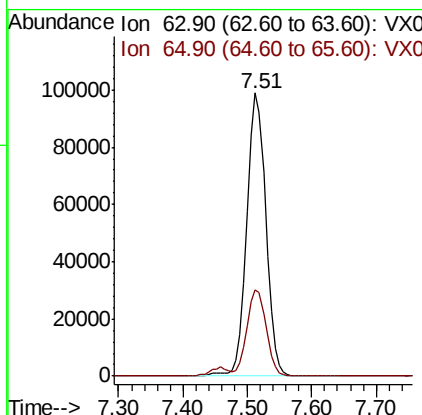
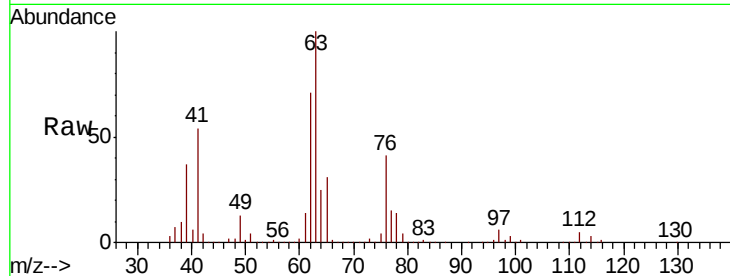




#45
 1,2-Dichloropropane
 Concen: 53.16 ug/l
 RT: 7.51 min Scan# 1136
 Delta R.T. -0.01 min
 Lab File: VX004339.D
 Acq: 04 Sep 2018 11:24

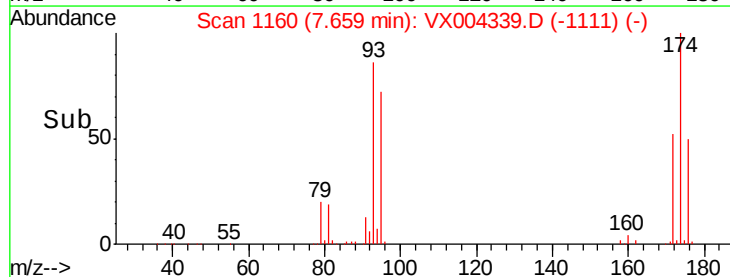
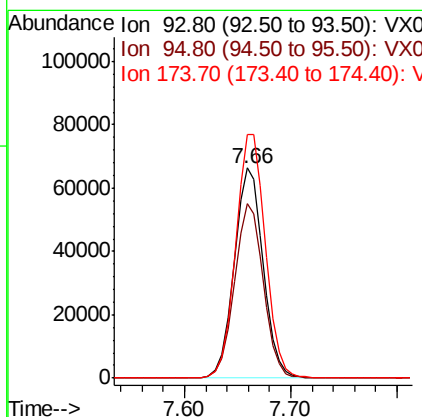
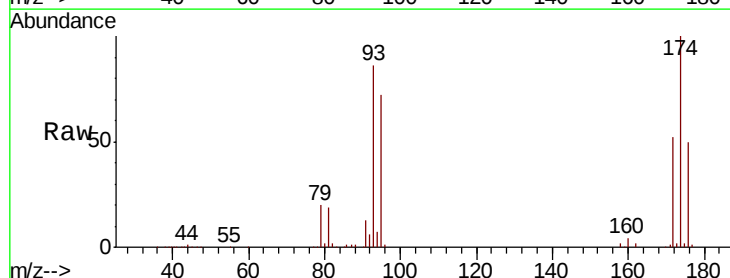
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

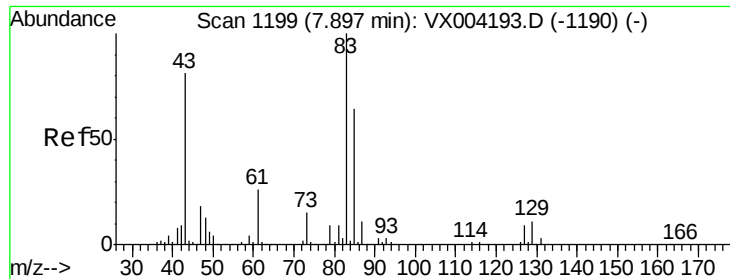
Tot Ion: 63 Resp: 200572
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.3 36.5



#46
 Dibromomethane
 Concen: 50.25 ug/l
 RT: 7.66 min Scan# 1160
 Delta R.T. -0.00 min
 Lab File: VX004339.D
 Acq: 04 Sep 2018 11:24

Tgt Ion: 93 Resp: 126226
 Ion Ratio Lower Upper
 93 100
 95 83.3 65.5 98.3
 174 119.3 94.2 141.4





#47

Bromodichloromethane

Concen: 53.98 ug/l

RT: 7.90 min Scan# 1199

Delta R.T. -0.00 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

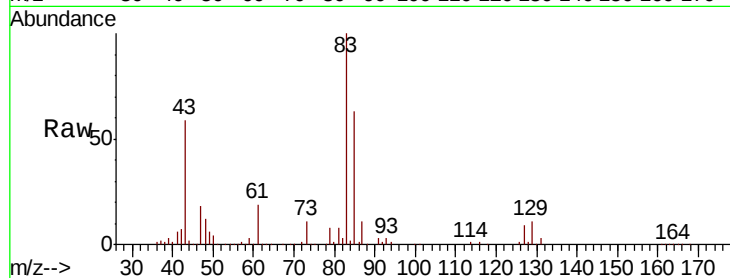
Tot Ion: 83 Resp: 252334

Ion Ratio Lower Upper

83 100

85 63.1 50.9 76.3

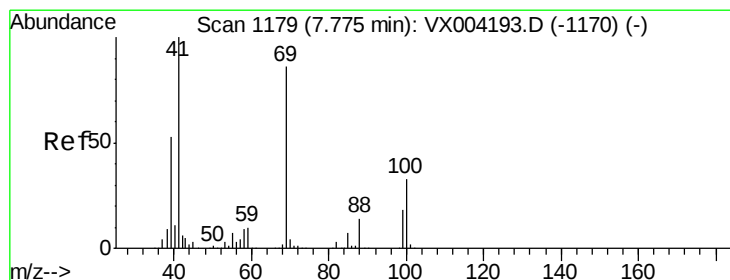
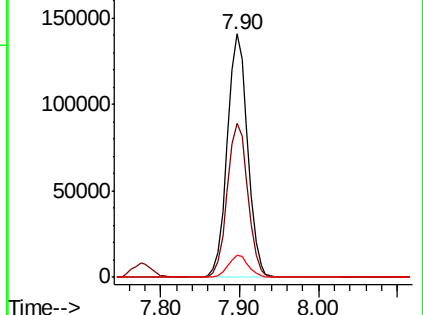
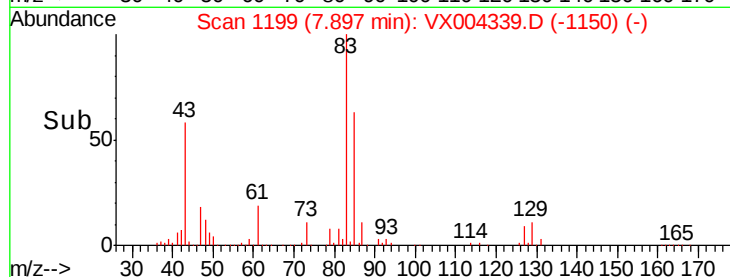
127 8.9 7.3 10.9



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: 52.60 ug/l

RT: 7.77 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

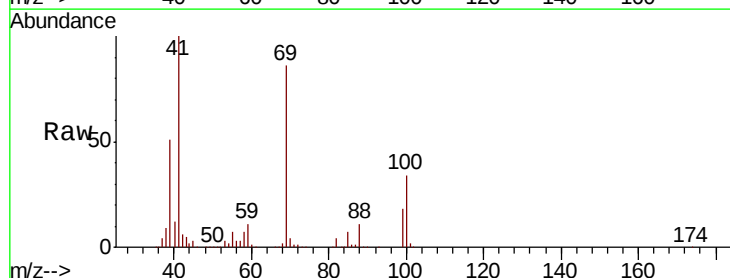
Tgt Ion: 41 Resp: 214589

Ion Ratio Lower Upper

41 100

69 88.2 70.2 105.4

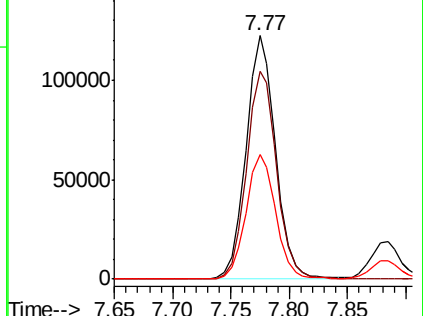
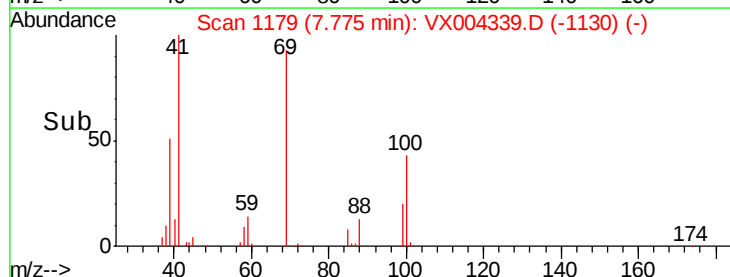
39 52.1 42.7 64.1

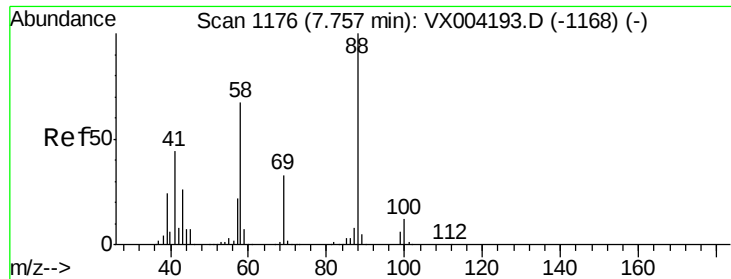


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

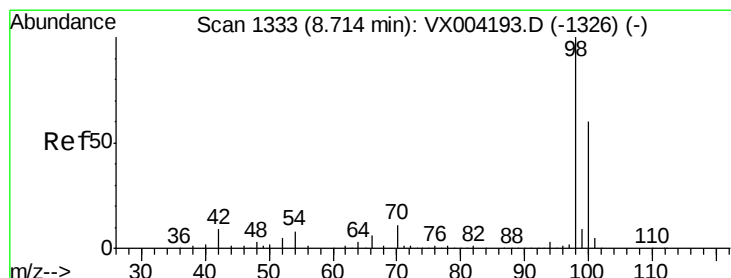
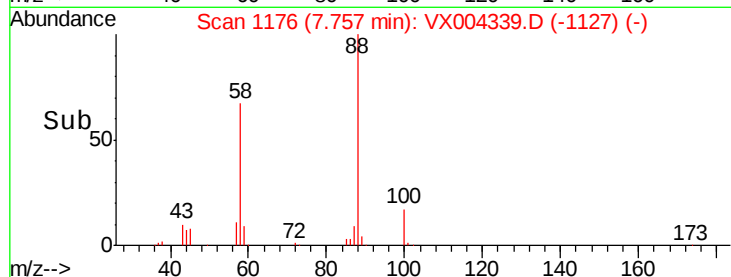
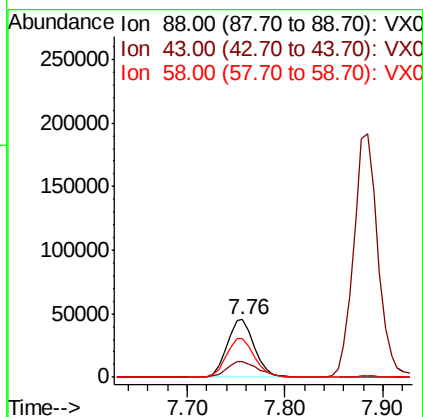
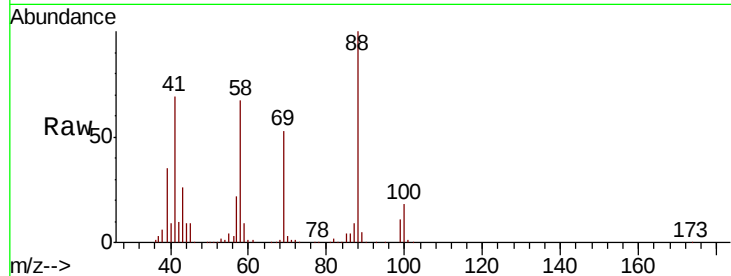




#49
1,4-Dioxane
Concen: 951.39 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

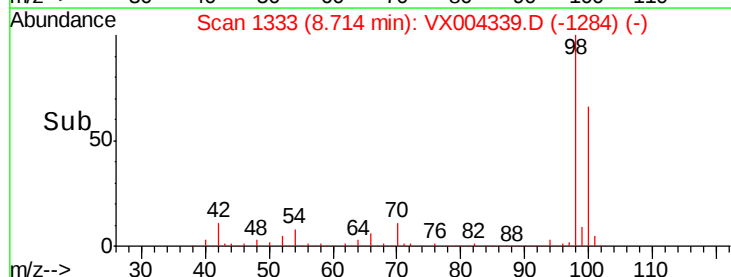
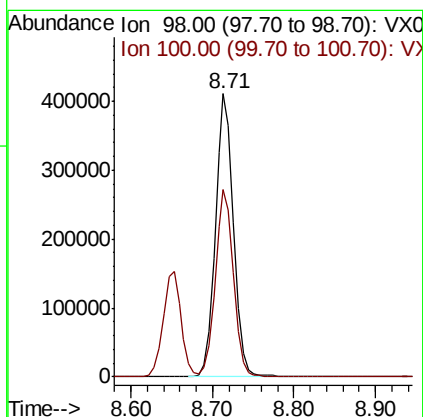
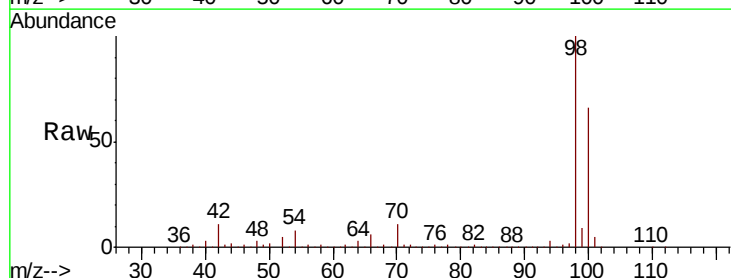
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

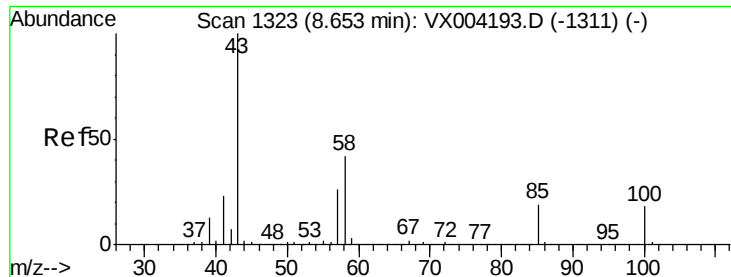
Tot Ion: 88 Resp: 88122
Ion Ratio Lower Upper
88 100
43 31.5 24.7 37.1
58 69.5 55.3 82.9



#50
Toluene-d8
Concen: 50.59 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.00 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

Tgt Ion: 98 Resp: 637561
Ion Ratio Lower Upper
98 100
100 66.6 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 245.27 ug/l

RT: 8.65 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Instrument :

MSVOA_X

ClientSampleId :

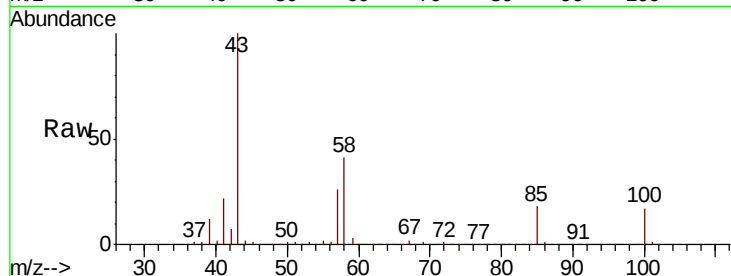
VSTDCCC050

Tot Ion: 43 Resp: 1358673

Ion Ratio Lower Upper

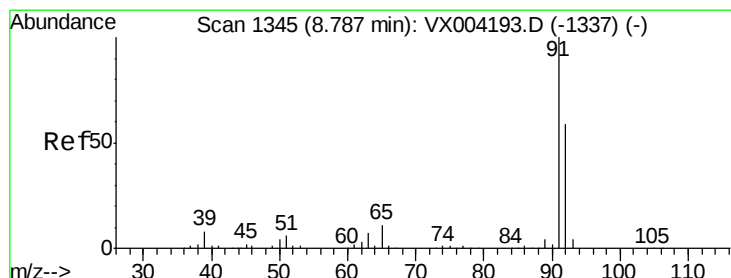
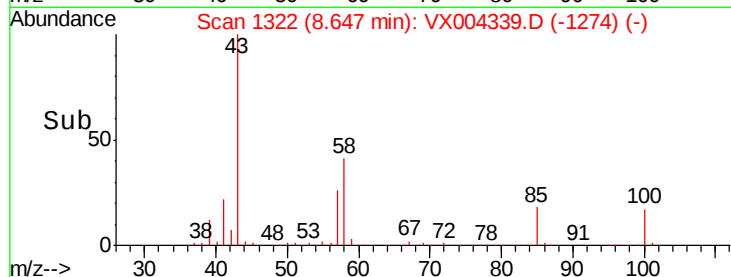
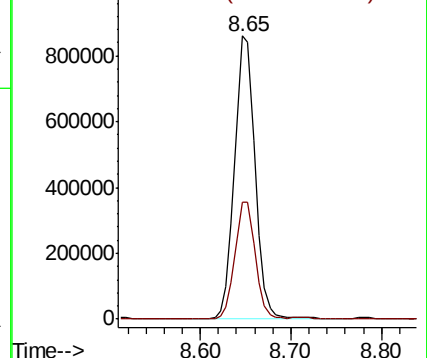
43 100

58 41.0 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 52.14 ug/l

RT: 8.78 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VX004339.D

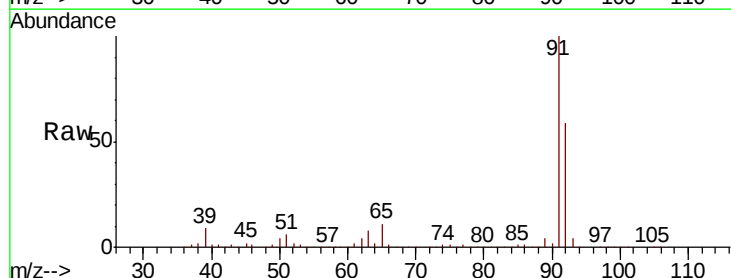
Acq: 04 Sep 2018 11:24

Tgt Ion: 92 Resp: 492019

Ion Ratio Lower Upper

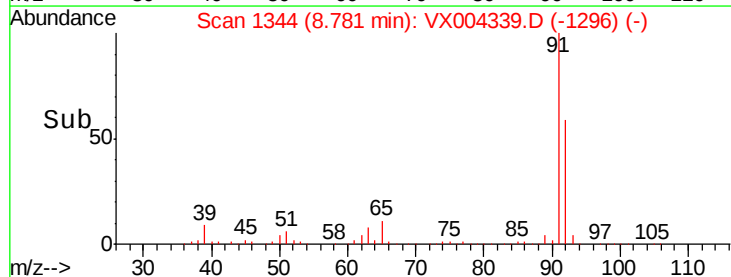
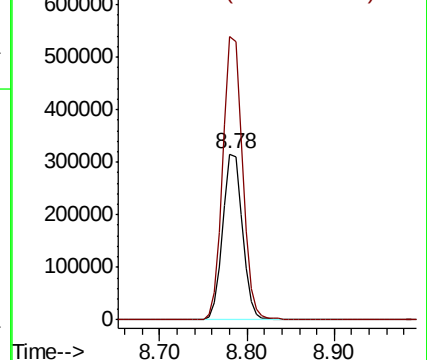
92 100

91 170.7 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

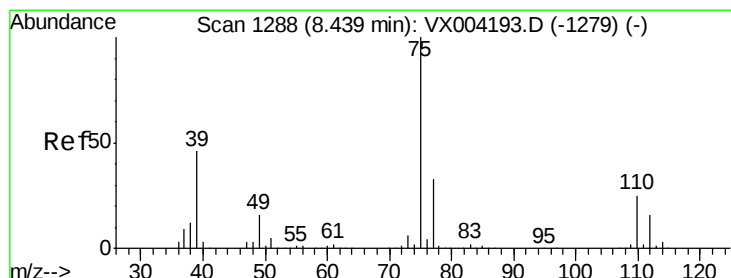
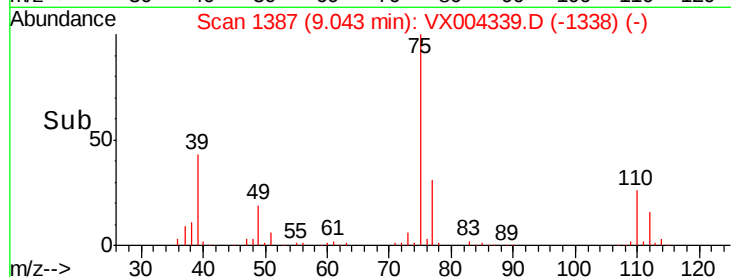
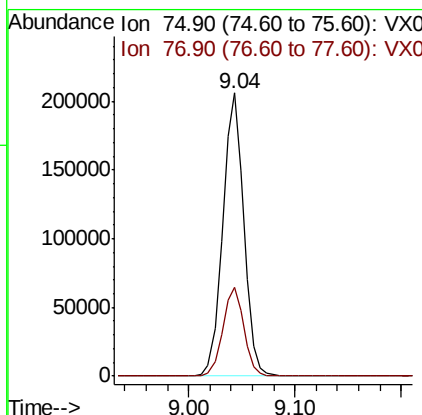
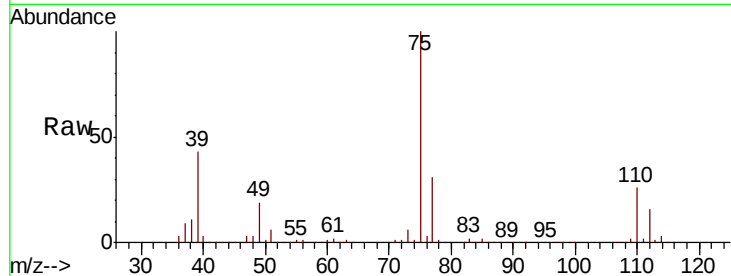




#53
t-1,3-Dichloropropene
Concen: 54.92 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.00 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

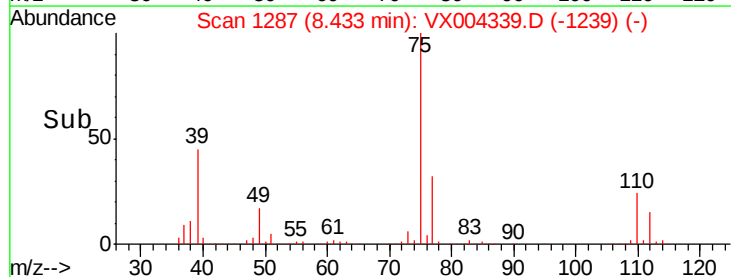
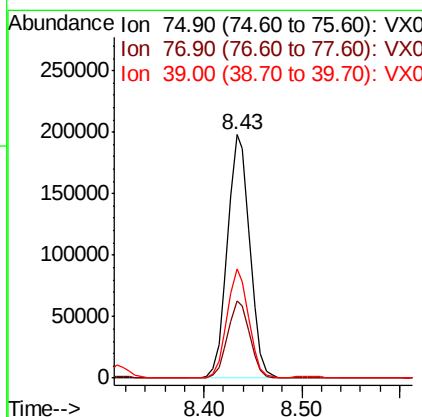
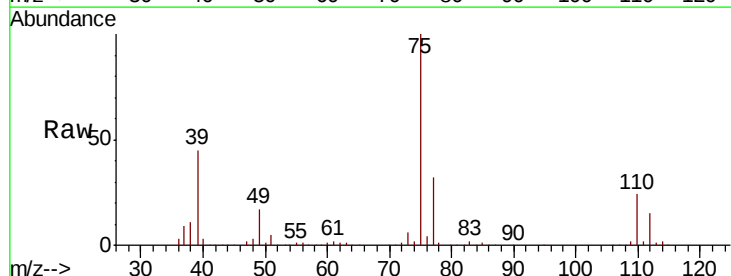
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

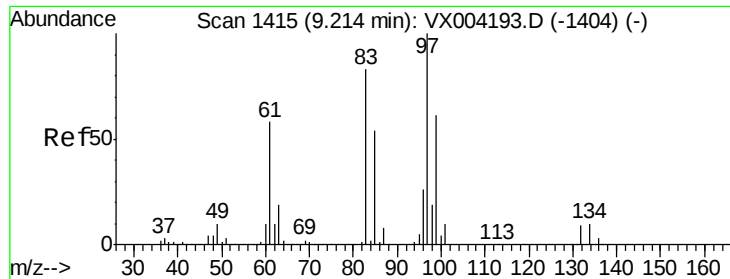
Tot Ion: 75 Resp: 283542
Ion Ratio Lower Upper
75 100
77 31.3 24.6 37.0



#54
cis-1,3-Dichloropropene
Concen: 55.73 ug/l
RT: 8.43 min Scan# 1287
Delta R.T. -0.01 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

Tgt Ion: 75 Resp: 313442
Ion Ratio Lower Upper
75 100
77 31.8 26.2 39.2
39 44.6 36.4 54.6

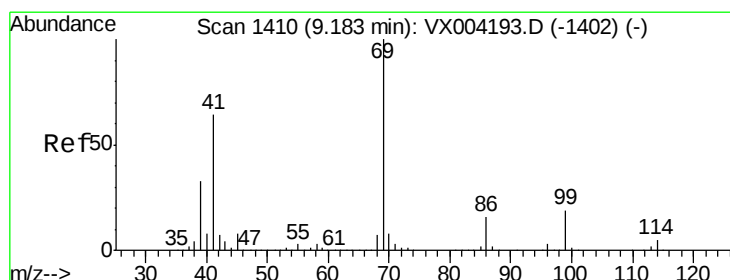
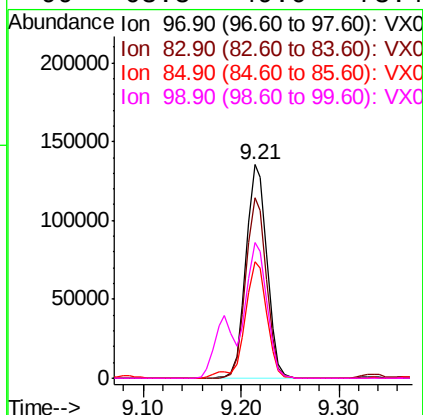
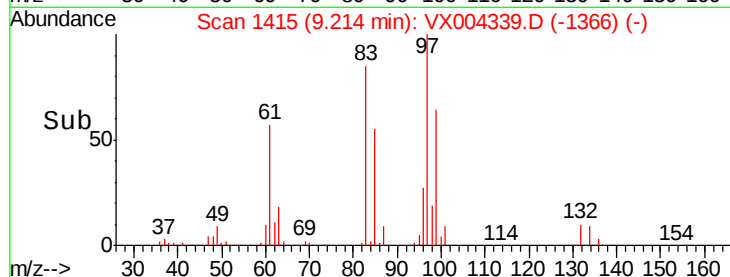
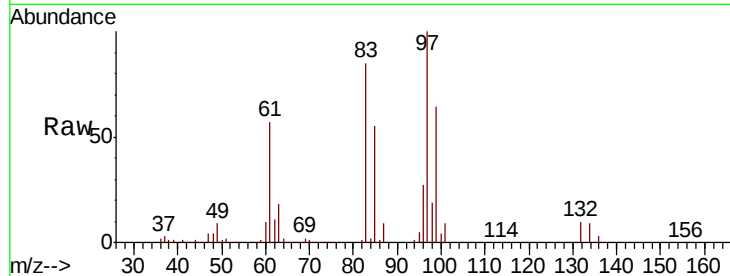




#55
 1,1,2-Trichloroethane
 Concen: 53.03 ug/l
 RT: 9.21 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VX004339.D
 Acq: 04 Sep 2018 11:24

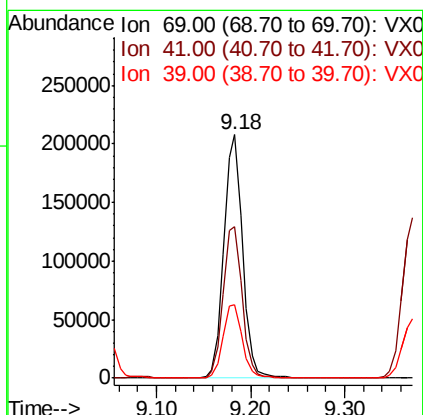
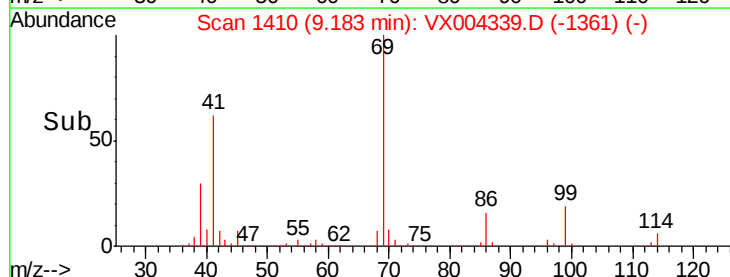
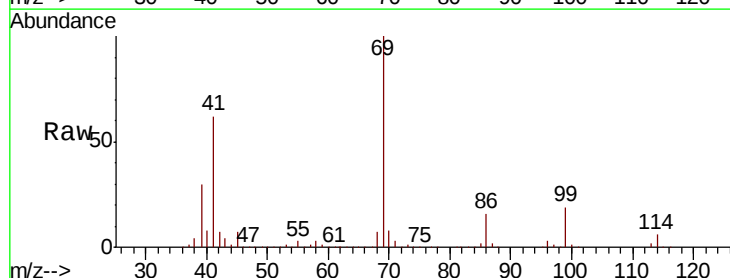
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

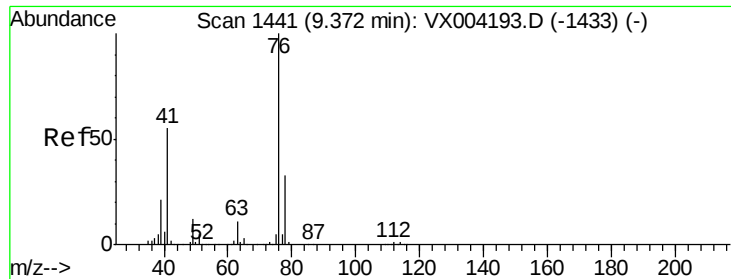
Tot Ion:	97	Resp:	202021
Ion	Ratio	Lower	Upper
97	100		
83	84.7	66.4	99.6
85	54.6	43.3	64.9
99	63.8	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 55.19 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX004339.D
 Acq: 04 Sep 2018 11:24

Tgt Ion:	69	Resp:	286218
Ion	Ratio	Lower	Upper
69	100		
41	63.5	51.0	76.4
39	31.2	26.1	39.1





#57

1,3-Dichloropropane

Concen: 52.55 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.00 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Instrument :

MSVOA_X

ClientSampled :

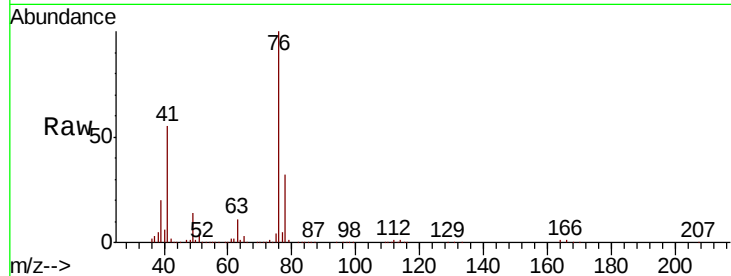
VSTDCCC050

Tot Ion: 76 Resp: 337395

Ion Ratio Lower Upper

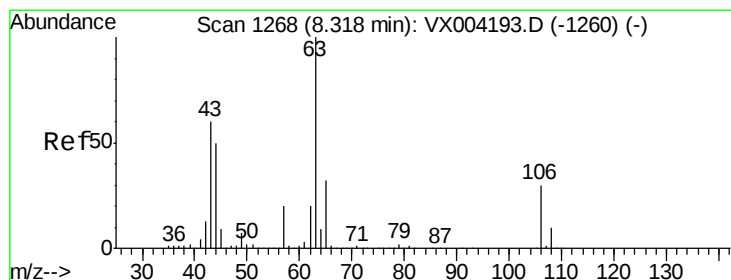
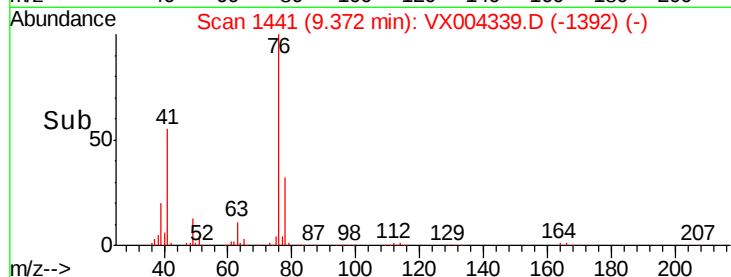
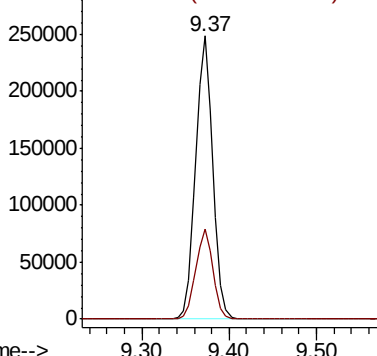
76 100

78 31.9 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: 306.34 ug/l

RT: 8.31 min Scan# 1267

Delta R.T. -0.01 min

Lab File: VX004339.D

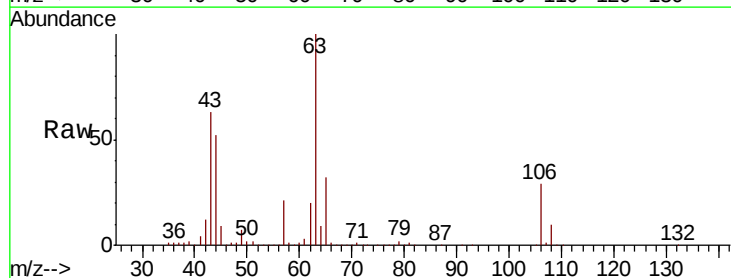
Acq: 04 Sep 2018 11:24

Tgt Ion: 63 Resp: 813973

Ion Ratio Lower Upper

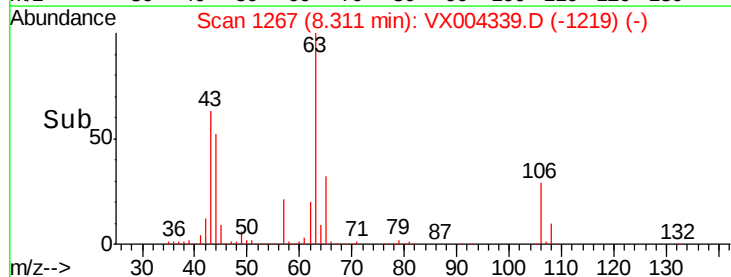
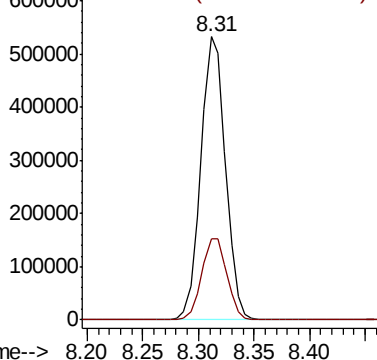
63 100

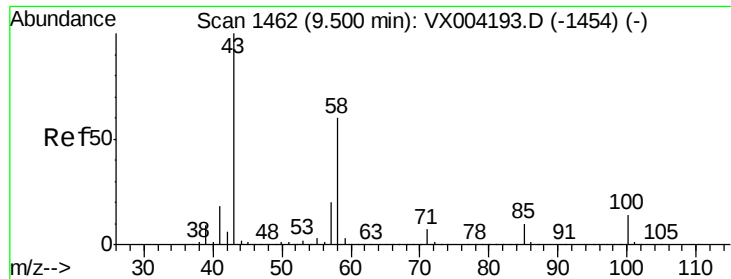
106 29.7 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

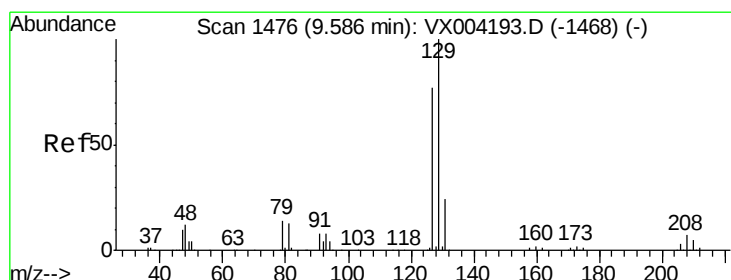
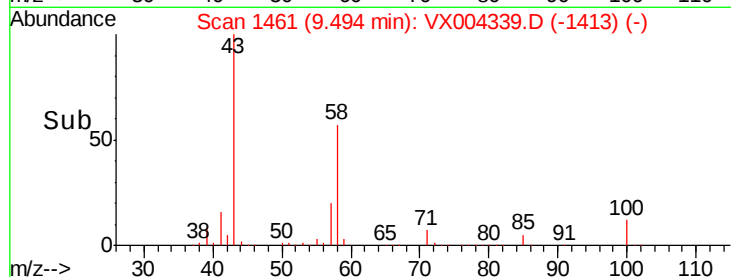
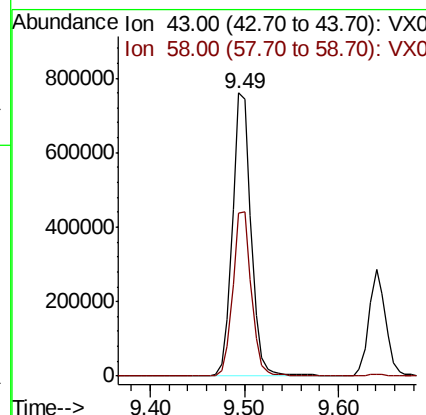
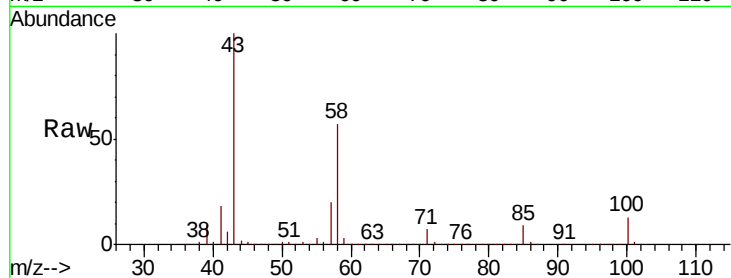




#59
 2-Hexanone
 Concen: 246.77 ug/l
 RT: 9.49 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VX004339.D
 Acq: 04 Sep 2018 11:24

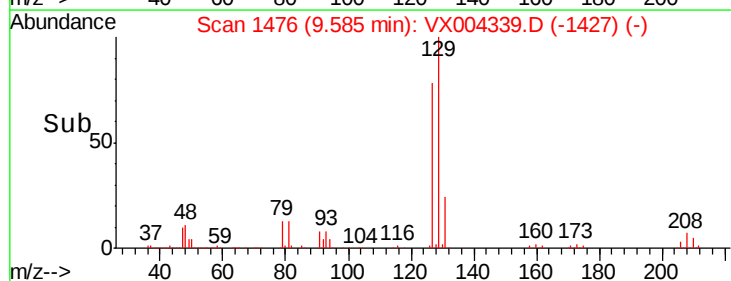
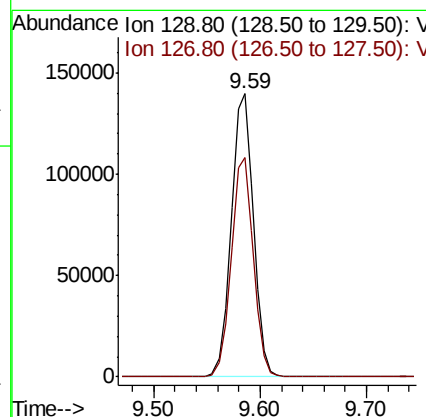
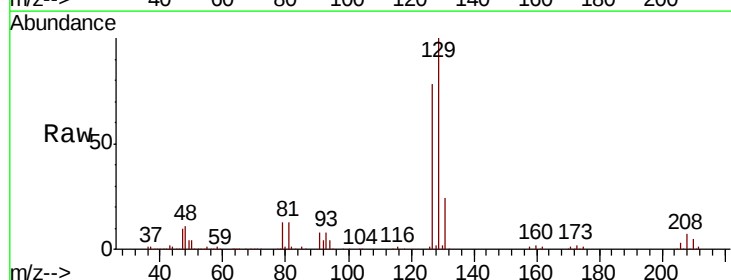
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

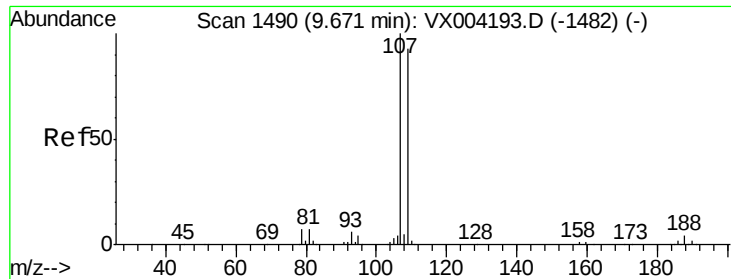
Tot Ion: 43 Resp: 1042911
 Ion Ratio Lower Upper
 43 100
 58 57.8 29.0 87.0



#60
 Dibromochloromethane
 Concen: 54.88 ug/l
 RT: 9.59 min Scan# 1476
 Delta R.T. -0.00 min
 Lab File: VX004339.D
 Acq: 04 Sep 2018 11:24

Tgt Ion: 129 Resp: 203661
 Ion Ratio Lower Upper
 129 100
 127 77.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 51.87 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.00 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Instrument :

MSVOA_X

ClientSampleId :

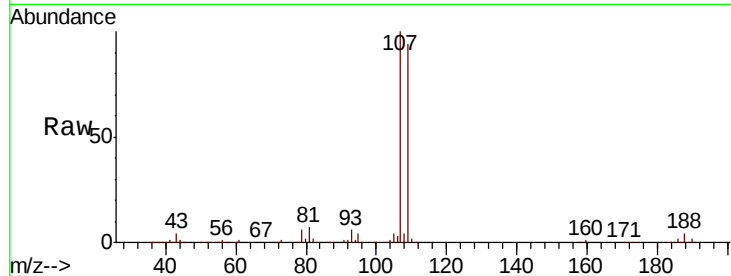
VSTDCCC050

Tot Ion:107 Resp: 204459

Ion Ratio Lower Upper

107 100

109 94.4 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

150000

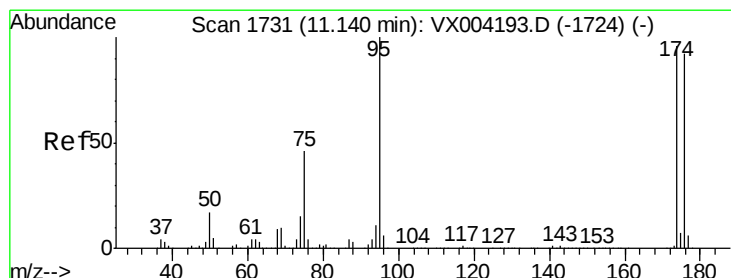
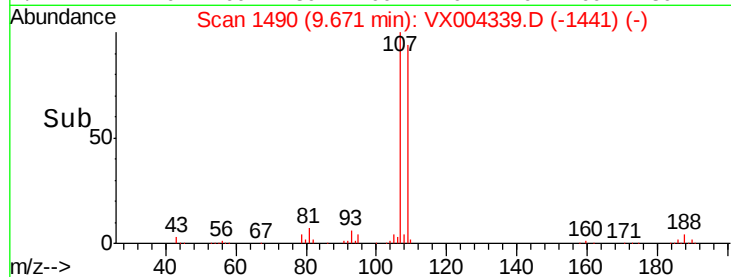
100000

50000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 52.06 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

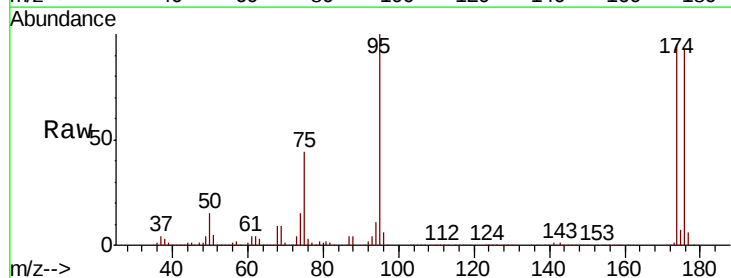
Tgt Ion: 95 Resp: 244785

Ion Ratio Lower Upper

95 100

174 91.4 0.0 185.2

176 88.7 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

250000

200000

150000

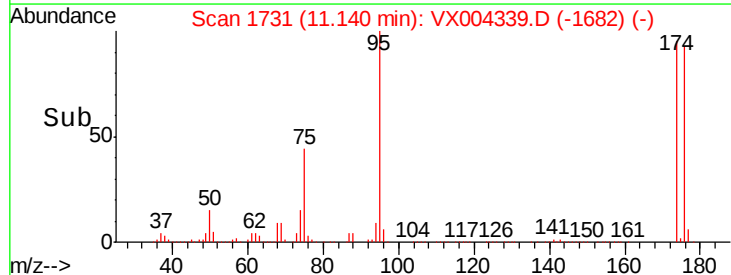
100000

50000

0

11.10 11.20

Time-->

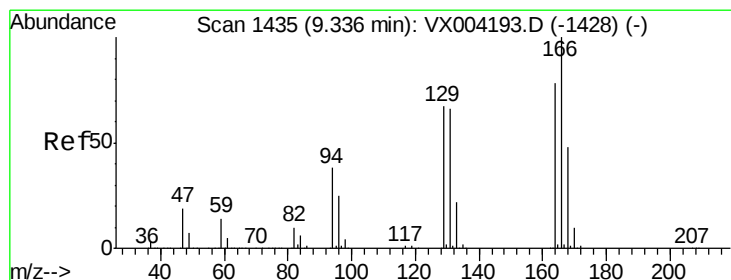
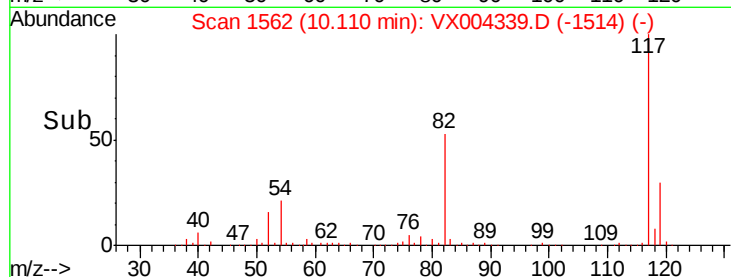
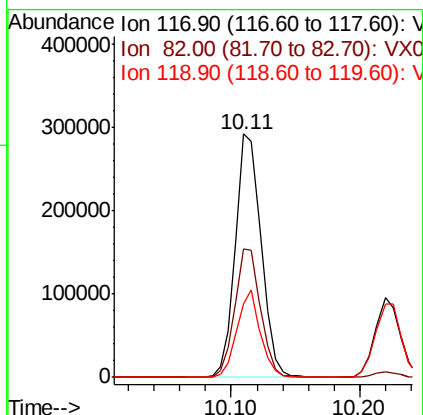
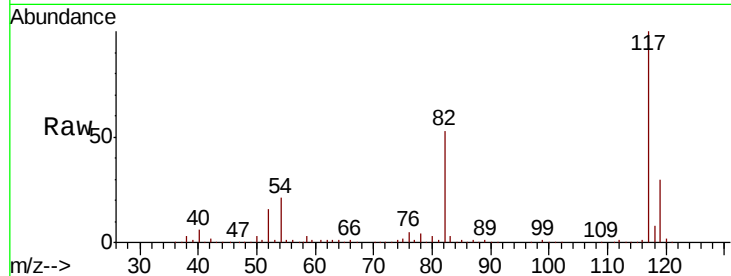




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.11 min Scan# 1562
Delta R.T. -0.01 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

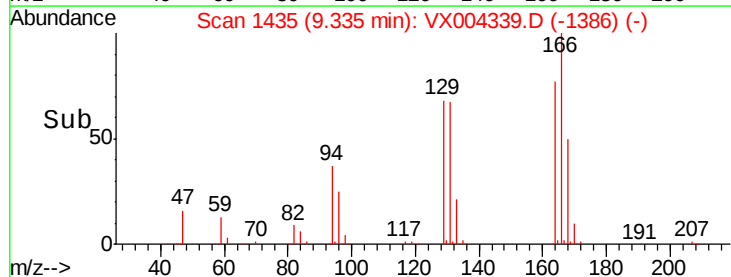
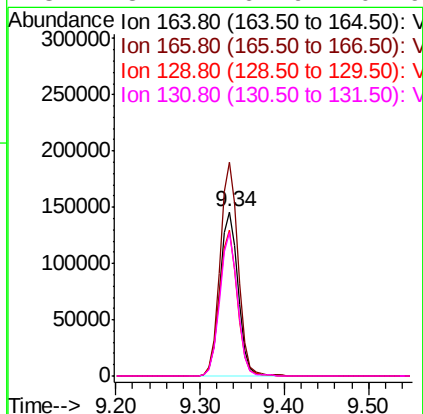
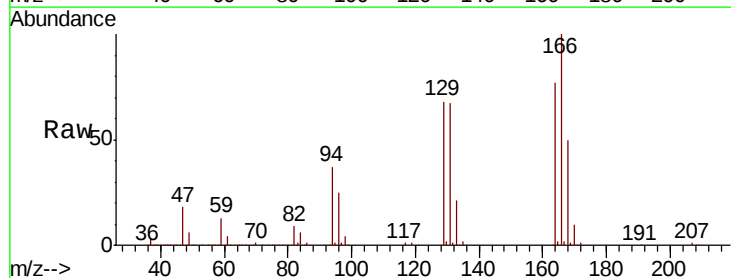
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 408481
Ion Ratio Lower Upper
117 100
82 52.8 47.8 71.6
119 30.3 29.3 43.9



#64
Tetrachloroethene
Concen: 54.14 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

Tgt Ion:164 Resp: 218473
Ion Ratio Lower Upper
164 100
166 130.1 102.8 154.2
129 89.1 69.4 104.0
131 87.7 67.9 101.9

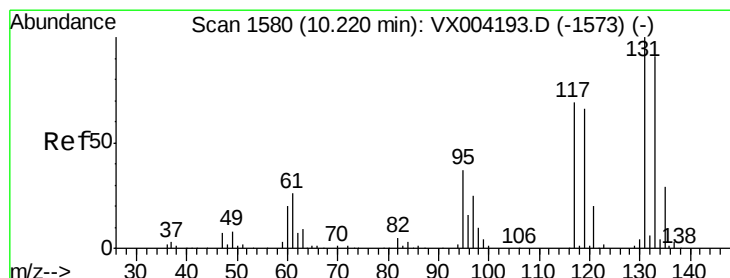
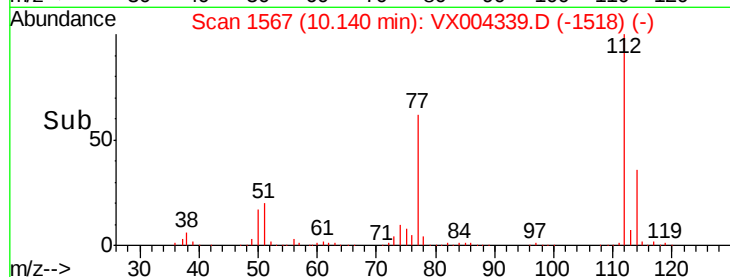
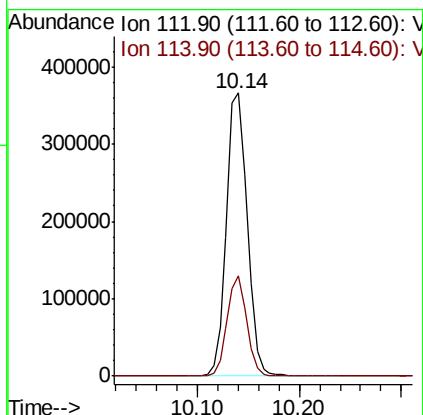
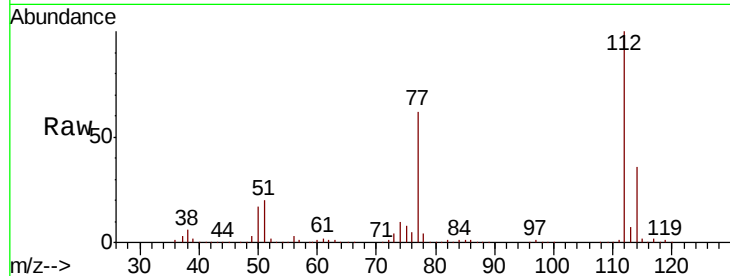




#65
Chlorobenzene
Concen: 50.30 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

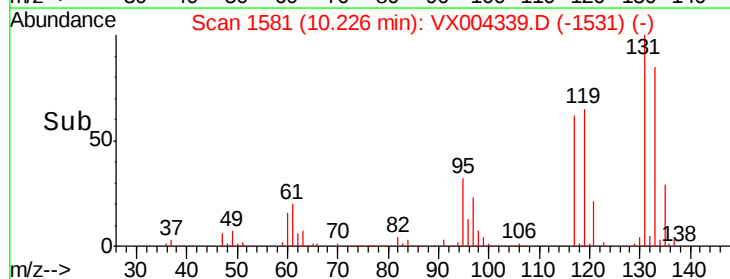
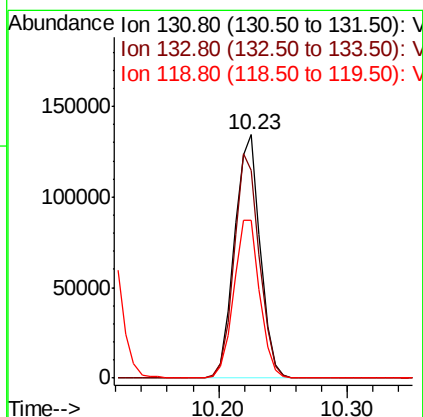
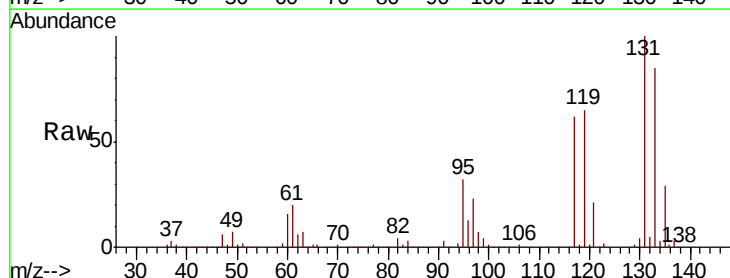
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

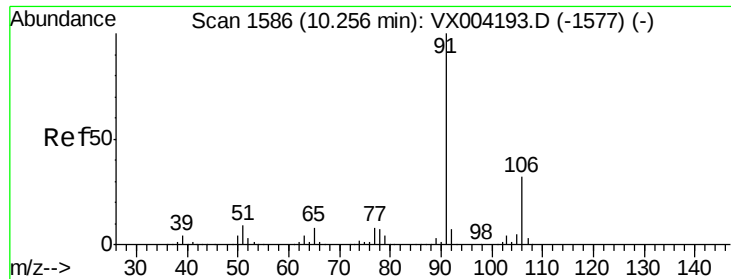
Tot Ion:112 Resp: 515666
Ion Ratio Lower Upper
112 100
114 35.6 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 52.60 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.01 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

Tgt Ion:131 Resp: 185990
Ion Ratio Lower Upper
131 100
133 91.2 48.1 144.4
119 66.0 32.9 98.6





#67

Ethyl Benzene

Concen: 51.99 ug/l

RT: 10.25 min Scan# 1585

Delta R.T. -0.01 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Instrument :

MSVOA_X

ClientSampleId :

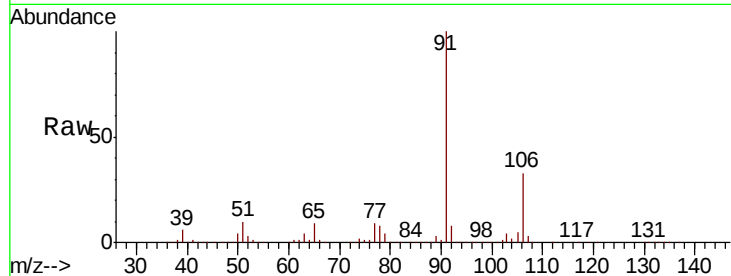
VSTDCCC050

Tot Ion: 91 Resp: 86537

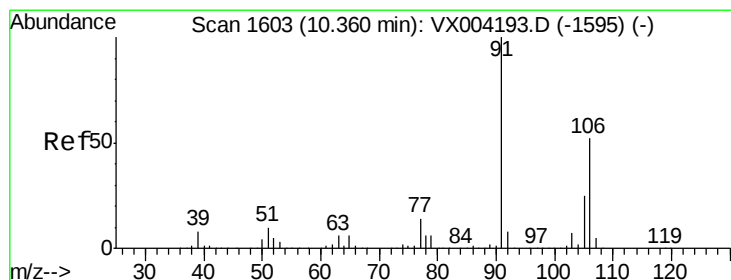
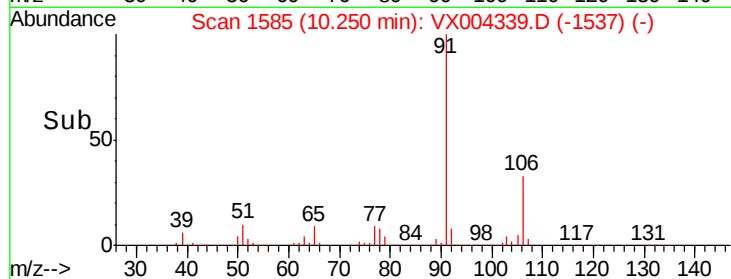
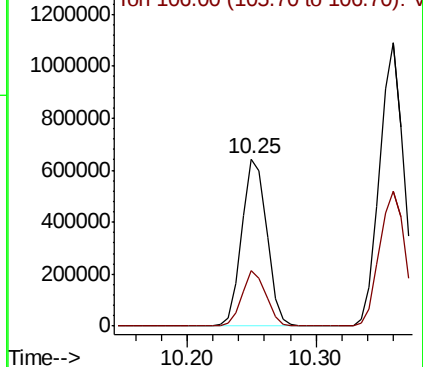
Ion Ratio Lower Upper

91 100

106 33.4 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX004193.D (-1577) (-)



#68

m/p-Xylenes

Concen: 110.04 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX004339.D

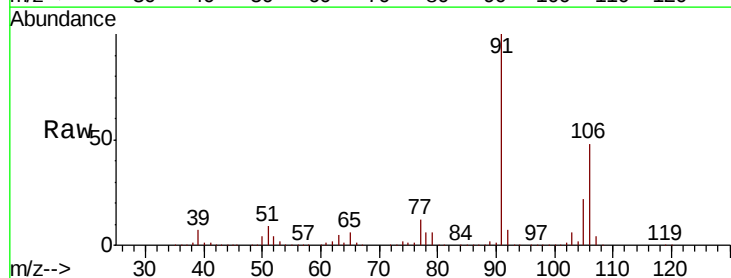
Acq: 04 Sep 2018 11:24

Tgt Ion: 106 Resp: 716352

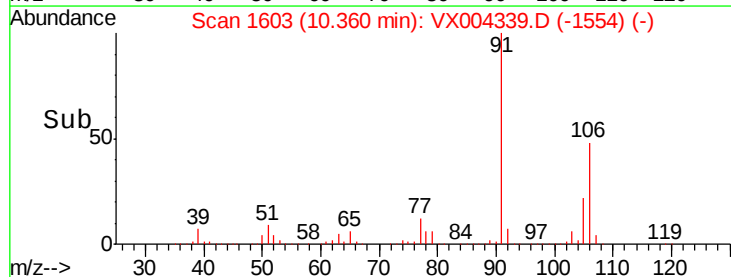
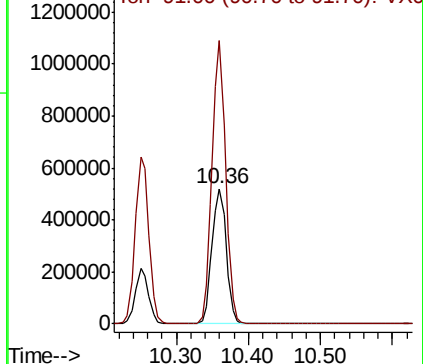
Ion Ratio Lower Upper

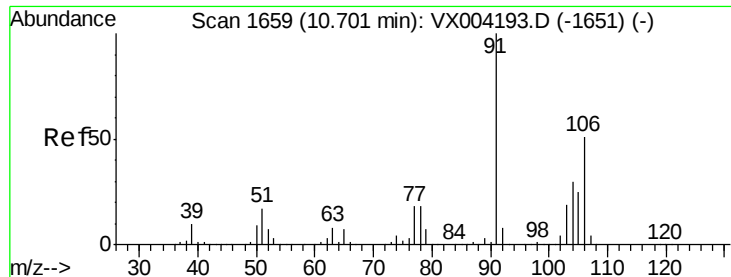
106 100

91 198.9 157.1 235.7



Abundance Ion 106.00 (105.70 to 106.70): VX004193.D (-1595) (-)

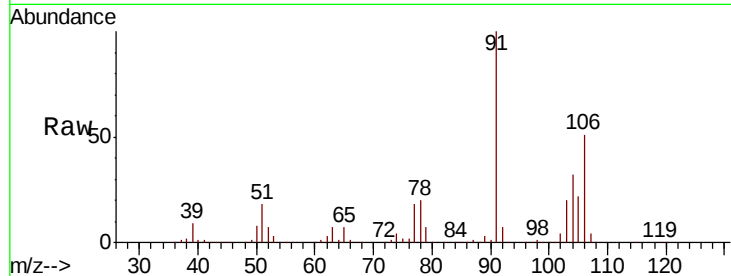




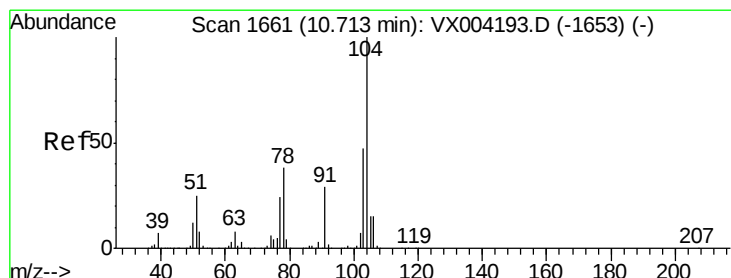
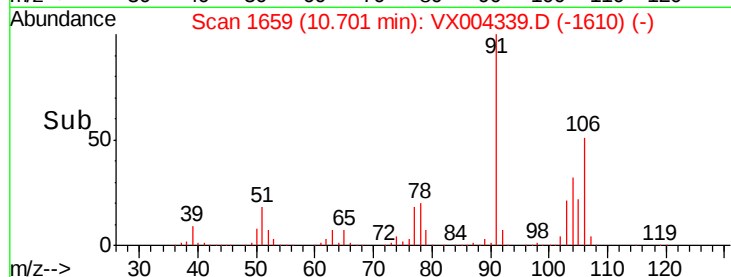
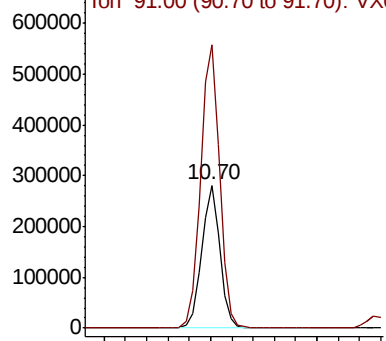
#69
o-Xylene
Concen: 54.80 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 337434
Ion Ratio Lower Upper
106 100
91 206.9 105.1 315.1

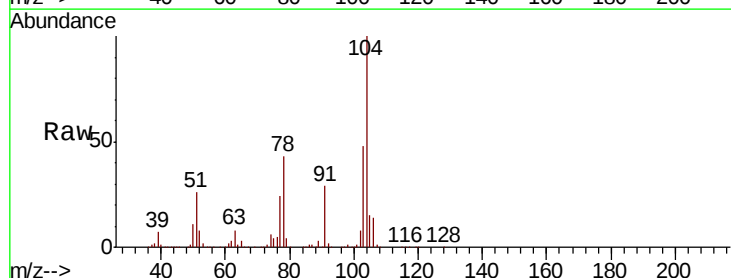


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

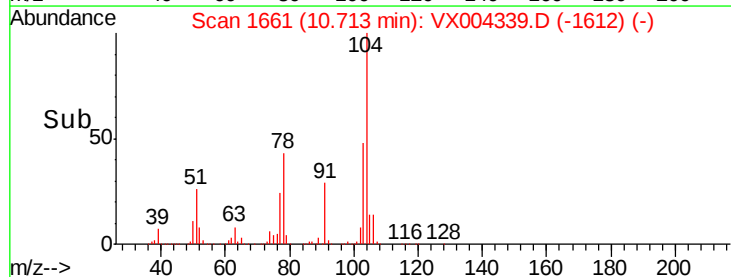
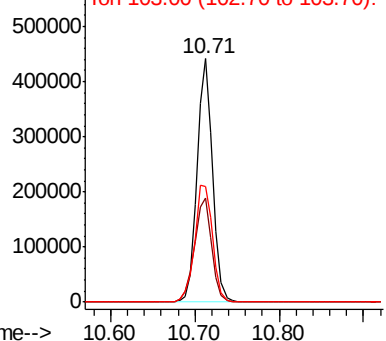


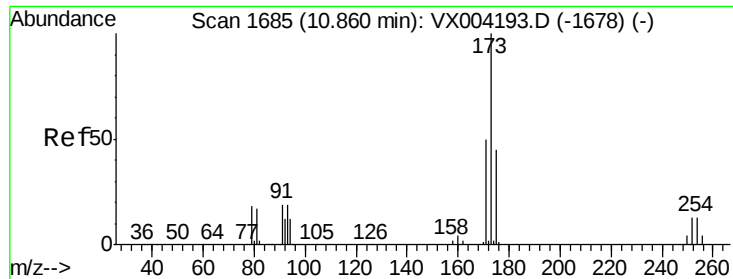
#70
Styrene
Concen: 56.31 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

Tgt Ion:104 Resp: 561434
Ion Ratio Lower Upper
104 100
78 48.0 37.4 56.0
103 55.7 43.8 65.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 54.21 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

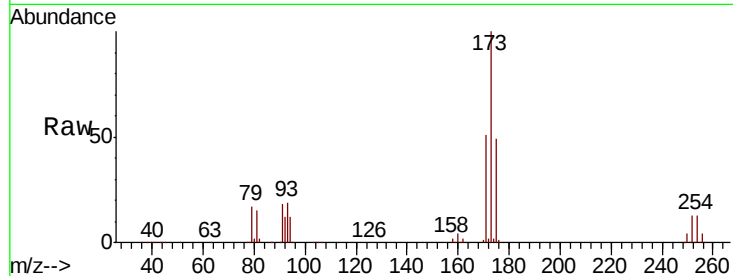
Tot Ion:173 Resp: 154508

Ion Ratio Lower Upper

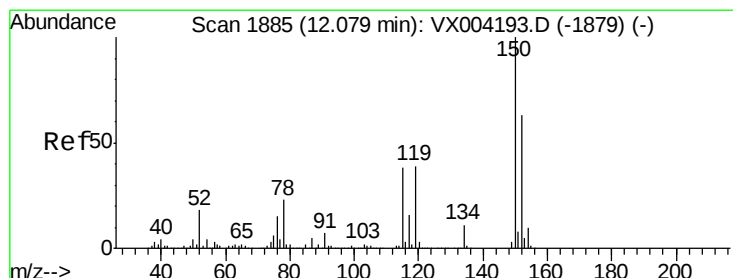
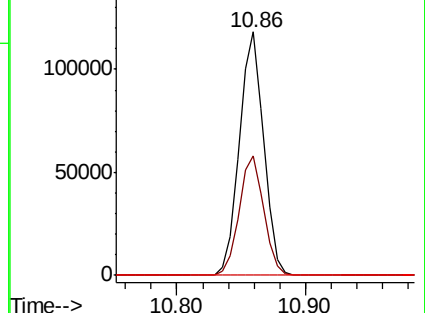
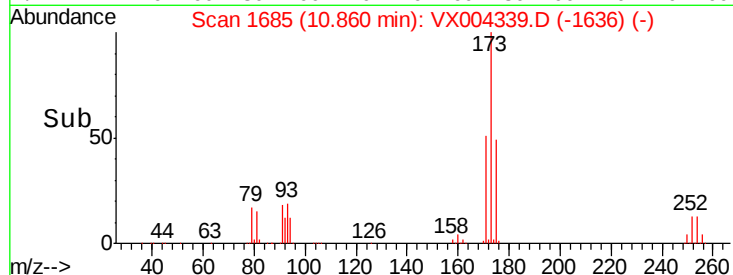
173 100

175 49.6 24.1 72.3

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

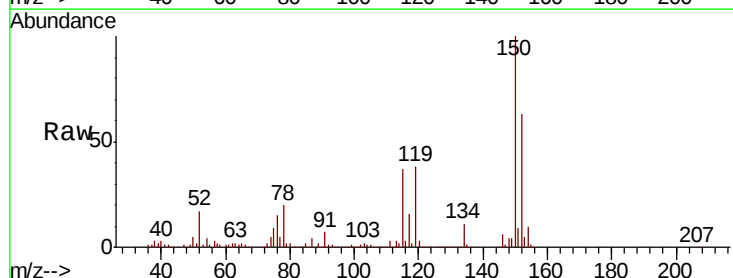
Tgt Ion:152 Resp: 268592

Ion Ratio Lower Upper

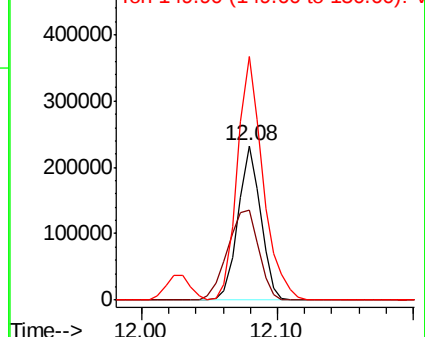
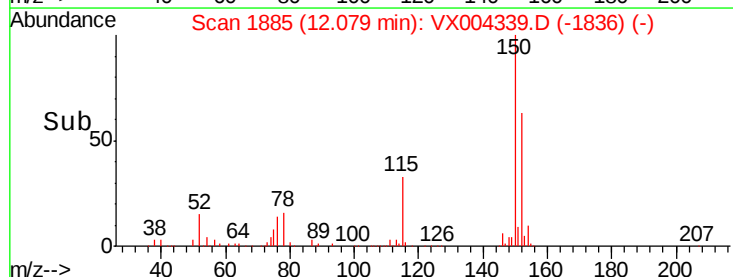
152 100

115 80.5 39.0 117.0

150 179.3 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

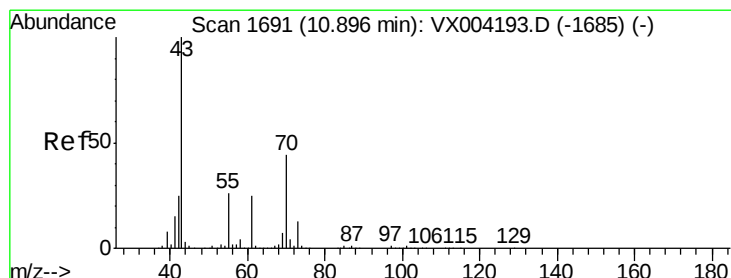
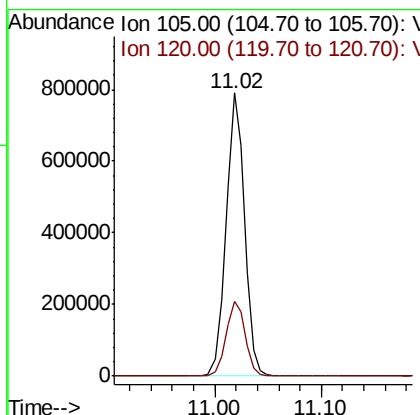
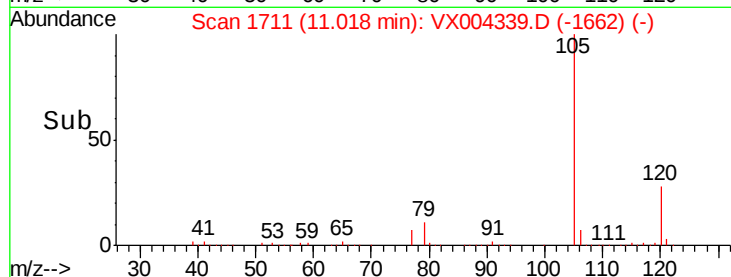
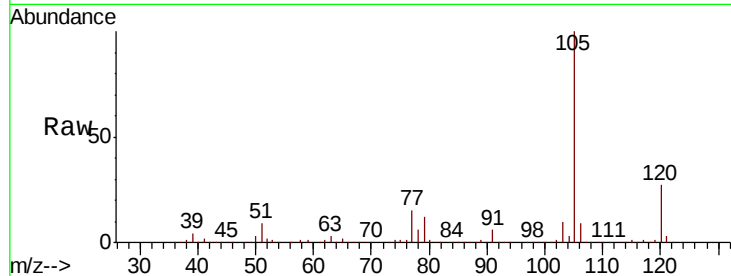




#73
Isopropylbenzene
Concen: 54.38 ug/l
RT: 11.02 min Scan# 1711
Delta R.T. -0.00 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

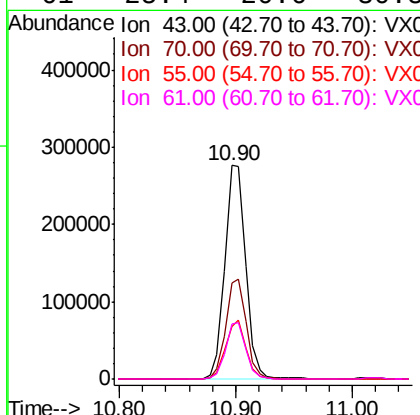
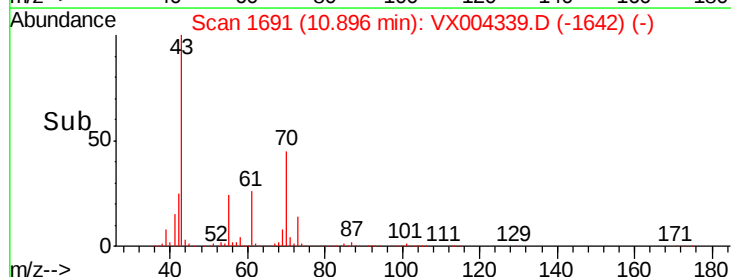
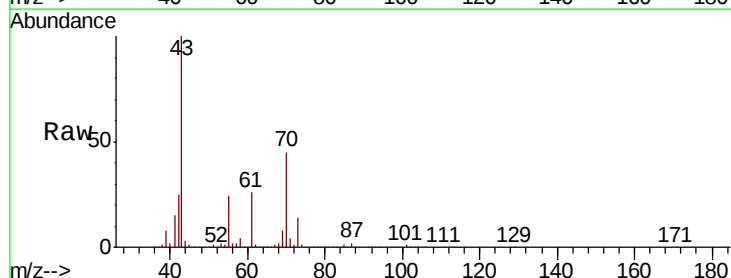
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

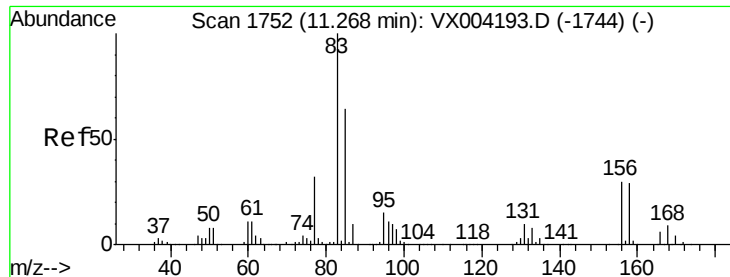
Tot Ion:105 Resp: 959238
Ion Ratio Lower Upper
105 100
120 27.3 13.5 40.4



#74
N-ethyl acetate
Concen: 50.72 ug/l
RT: 10.90 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

Tgt Ion: 43 Resp: 344486
Ion Ratio Lower Upper
43 100
70 46.0 37.4 56.0
55 26.7 21.8 32.8
61 25.4 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 48.74 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

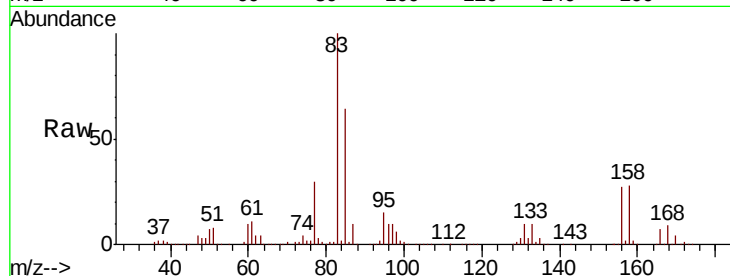
Tot Ion: 83 Resp: 300878

Ion Ratio Lower Upper

83 100

131 10.5 5.2 15.6

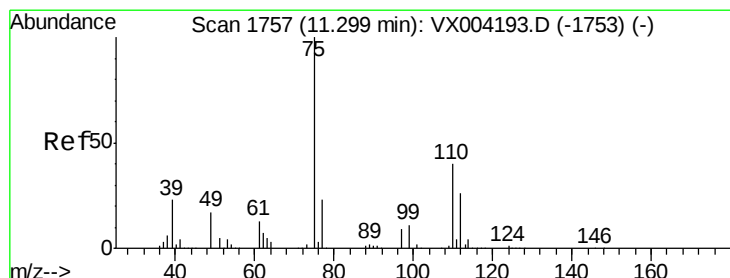
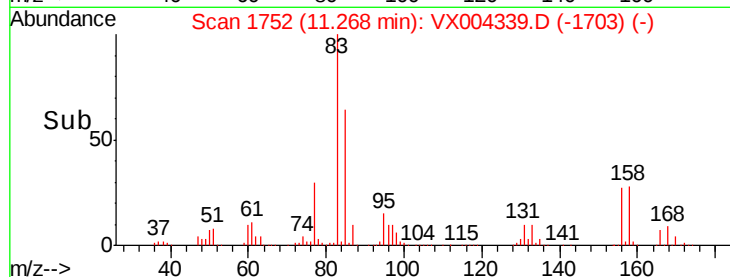
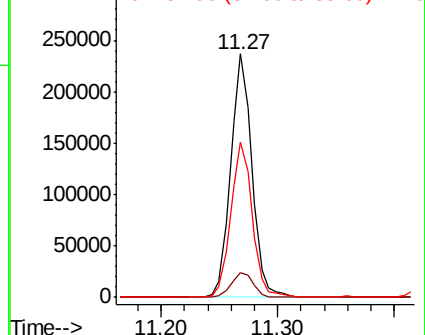
85 64.3 32.3 96.8



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: 64.94 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX004339.D

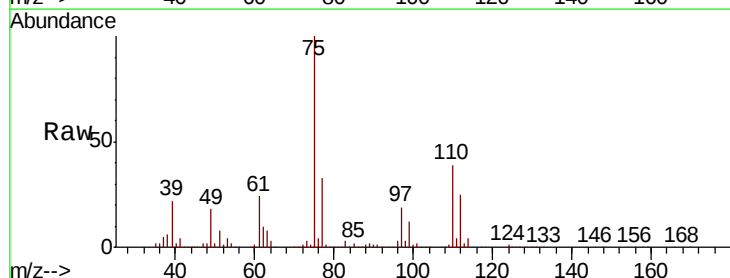
Acq: 04 Sep 2018 11:24

Tgt Ion: 75 Resp: 354760

Ion Ratio Lower Upper

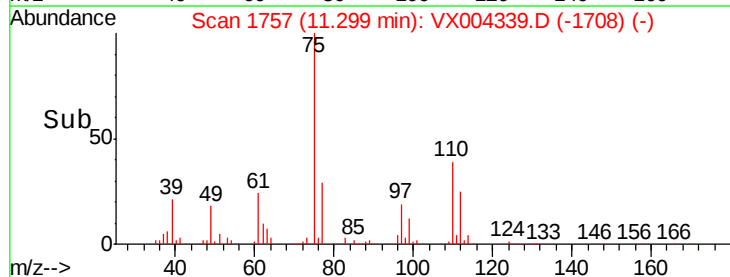
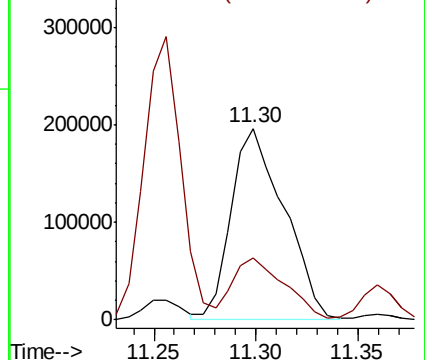
75 100

77 31.4 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: 50.99 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

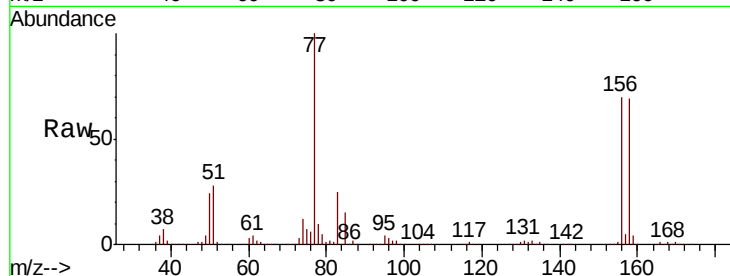
Tot Ion:156 Resp: 252342

Ion Ratio Lower Upper

156 100

77 145.6 71.5 214.3

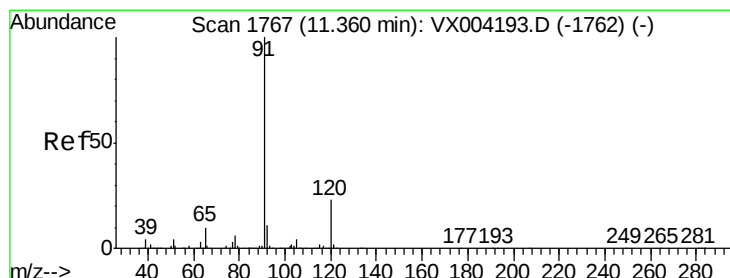
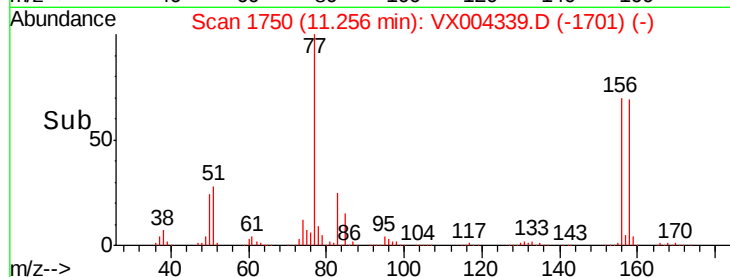
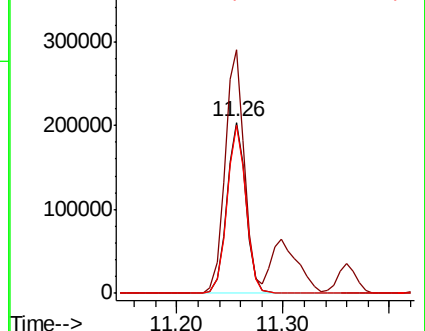
158 98.7 48.9 146.8



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: 55.50 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004339.D

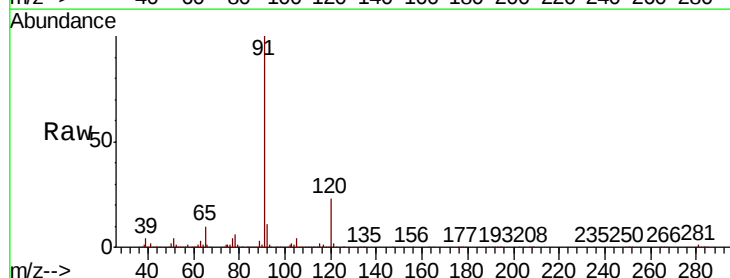
Acq: 04 Sep 2018 11:24

Tgt Ion: 91 Resp: 1125989

Ion Ratio Lower Upper

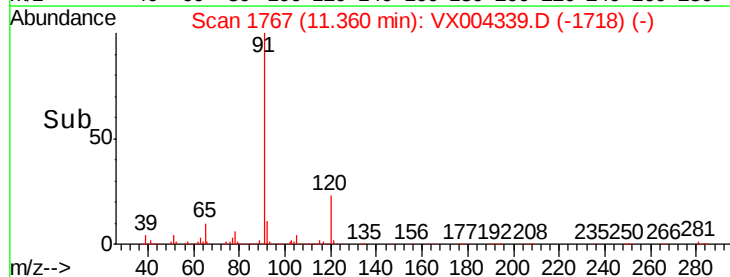
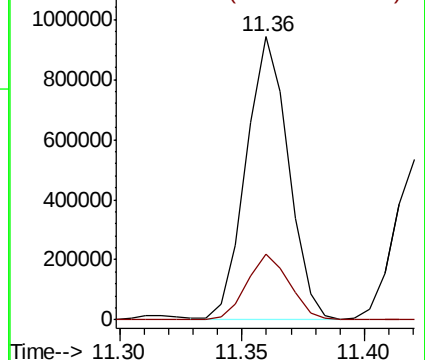
91 100

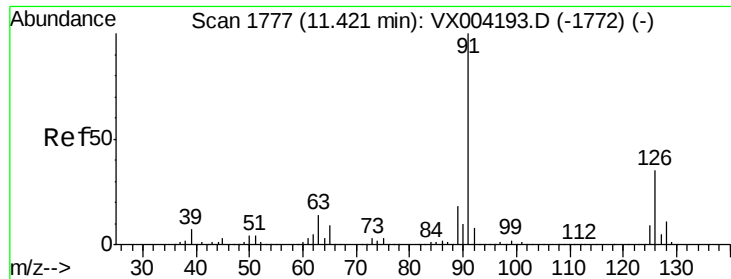
120 23.5 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.30 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.00 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Instrument :

MSVOA_X

ClientSampleId :

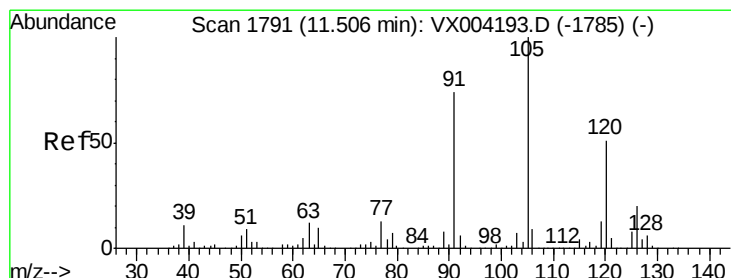
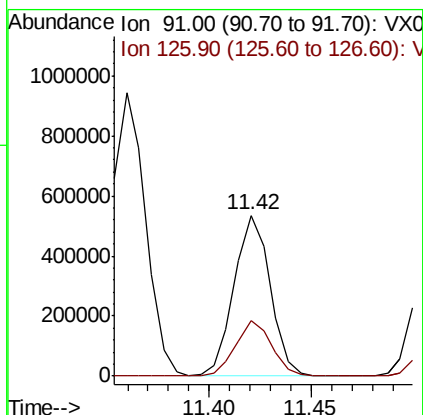
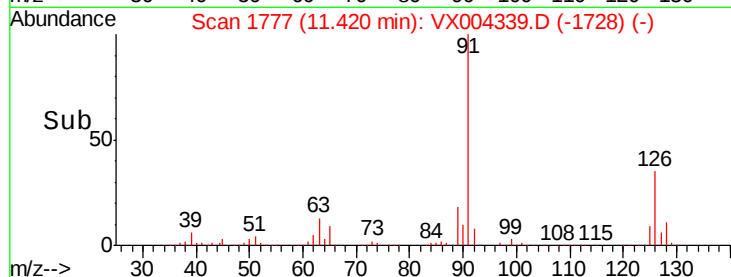
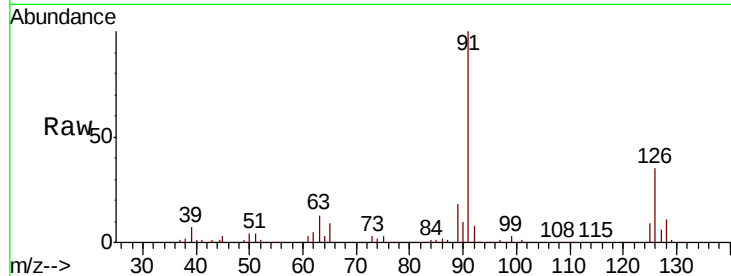
VSTDCCC050

Tot Ion: 91 Resp: 653163

Ion Ratio Lower Upper

91 100

126 34.7 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 53.84 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX004339.D

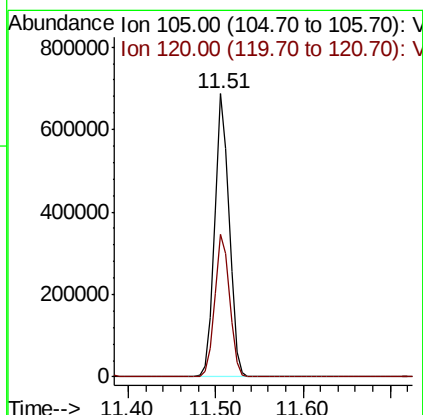
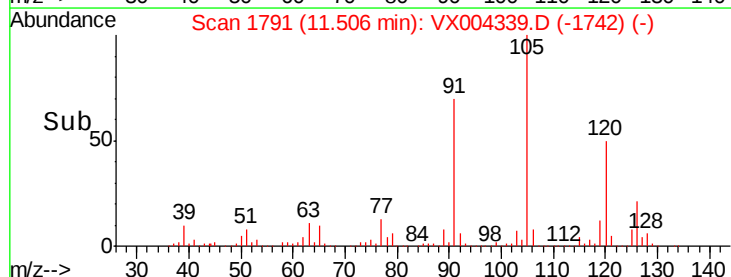
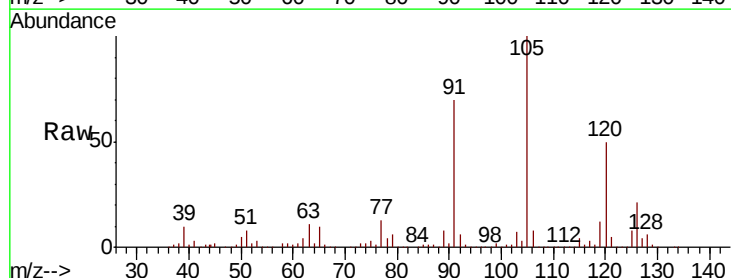
Acq: 04 Sep 2018 11:24

Tgt Ion:105 Resp: 786519

Ion Ratio Lower Upper

105 100

120 51.4 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 53.65 ug/l

RT: 11.07 min Scan# 1720

Delta R.T. -0.00 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

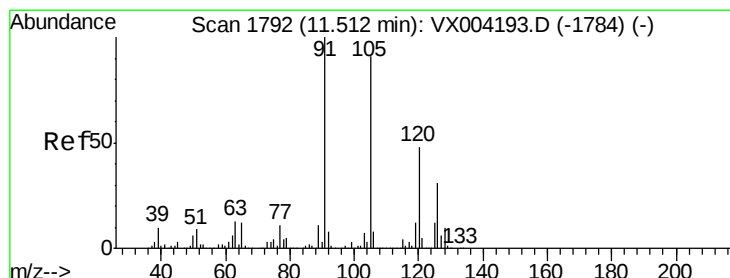
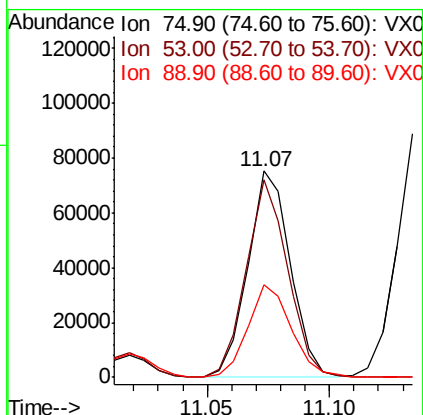
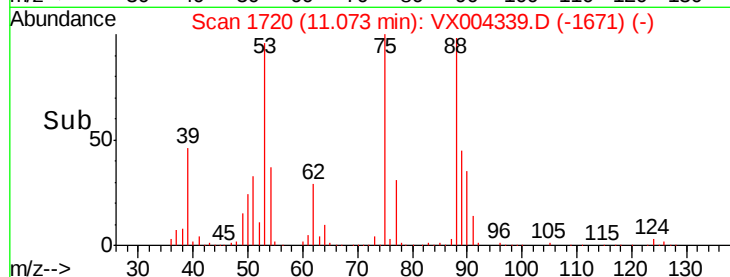
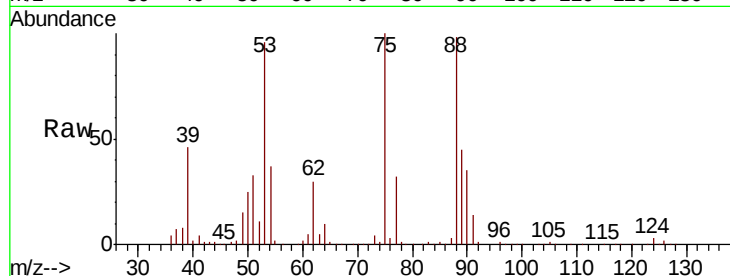
Tot Ion: 75 Resp: 90334

Ion Ratio Lower Upper

75 100

53 93.9 80.1 120.1

89 46.2 37.2 55.8



#82

4-Chlorotoluene

Concen: 51.63 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004339.D

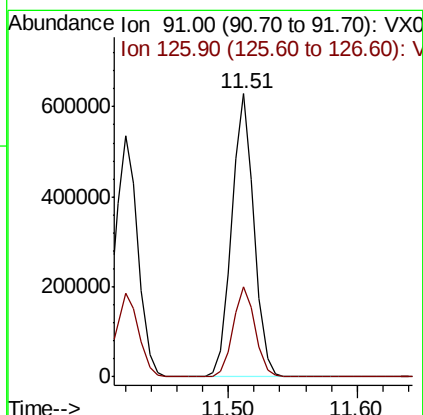
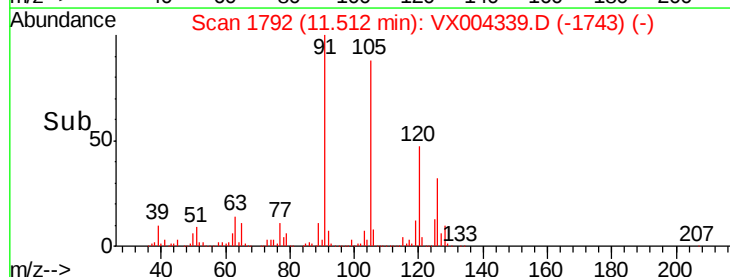
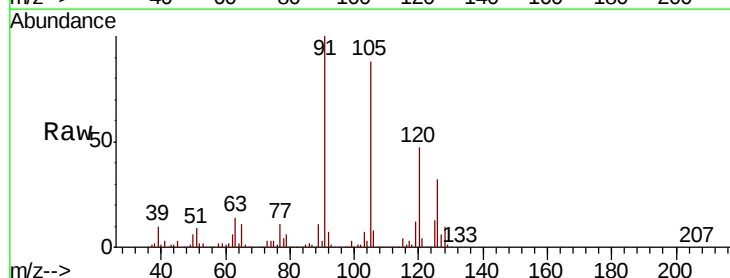
Acq: 04 Sep 2018 11:24

Tgt Ion: 91 Resp: 758725

Ion Ratio Lower Upper

91 100

126 31.5 15.5 46.5

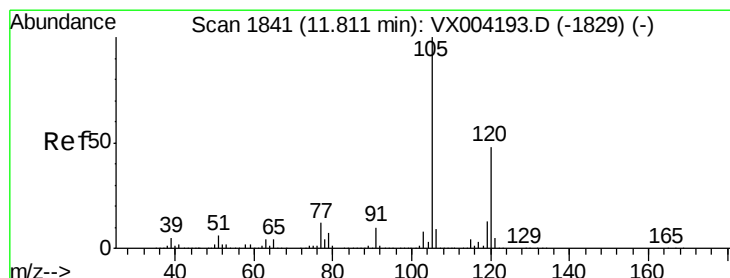
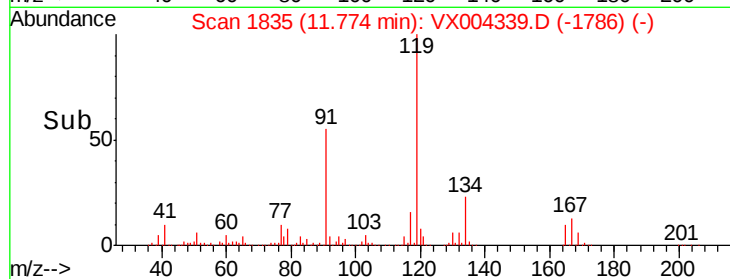
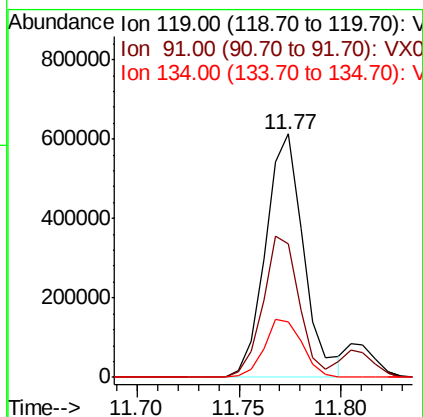
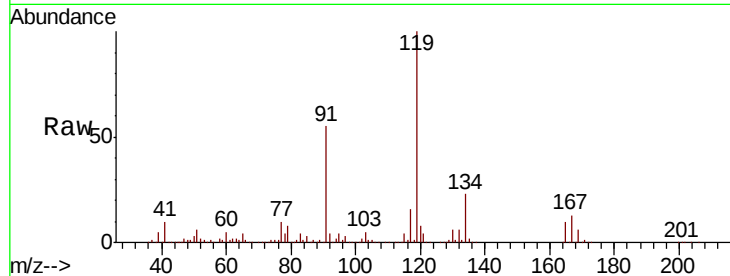




#83
 tert-Butylbenzene
 Concen: 54.28 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX004339.D
 Acq: 04 Sep 2018 11:24

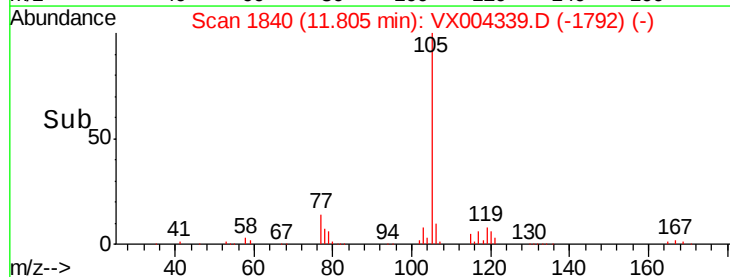
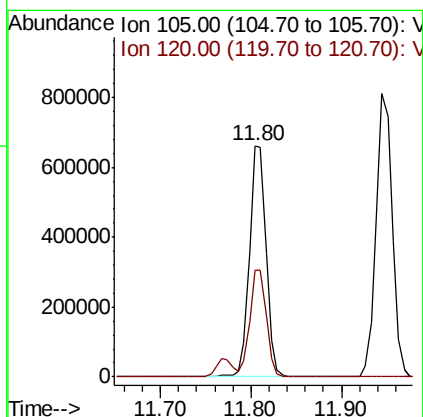
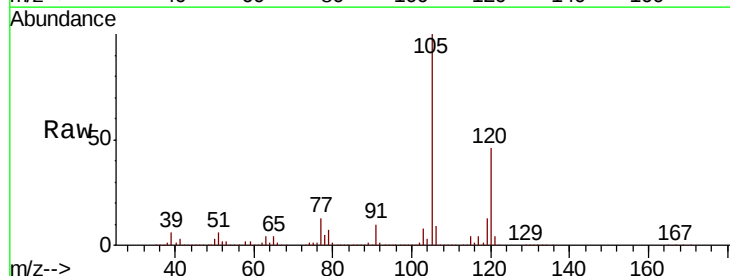
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

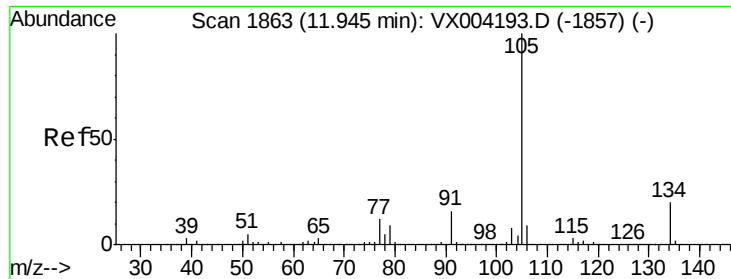
Tot Ion:119 Resp: 797773
 Ion Ratio Lower Upper
 119 100
 91 55.4 27.0 81.0
 134 23.9 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 55.93 ug/l
 RT: 11.80 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: VX004339.D
 Acq: 04 Sep 2018 11:24

Tgt Ion:105 Resp: 838686
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.2 69.6

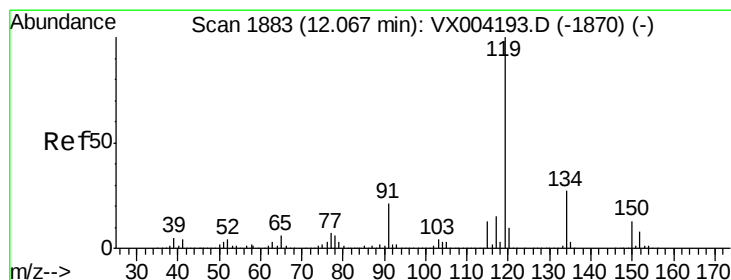
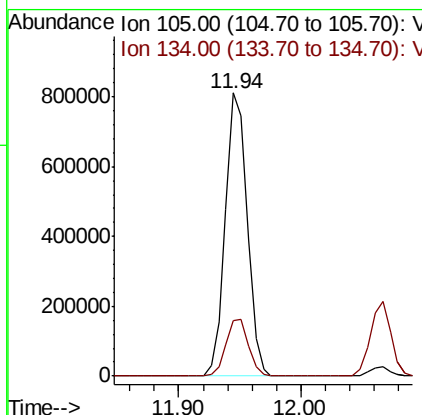
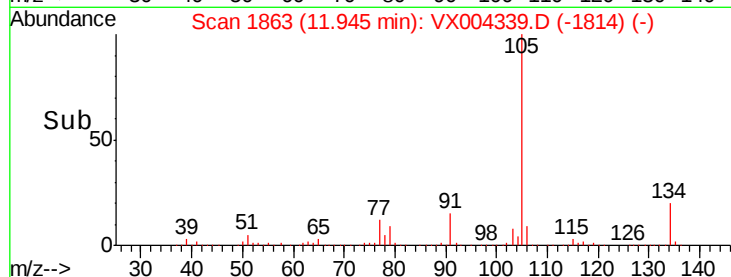
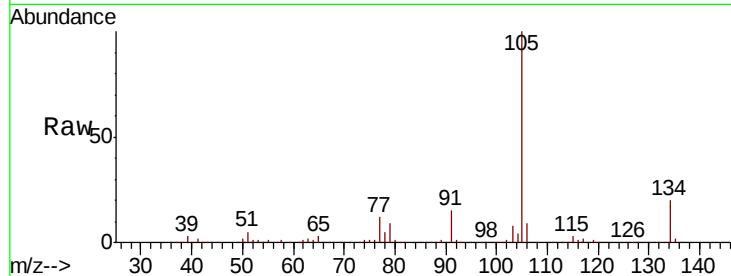




#85
 sec-Butylbenzene
 Concen: 57.55 ug/l
 RT: 11.94 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: VX004339.D
 Acq: 04 Sep 2018 11:24

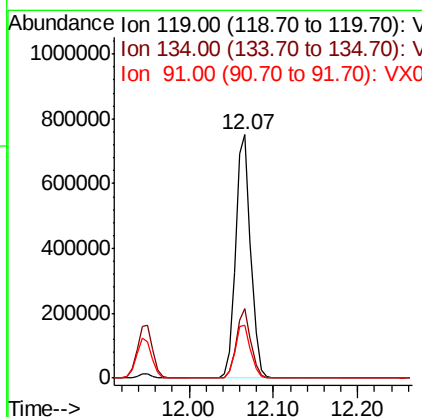
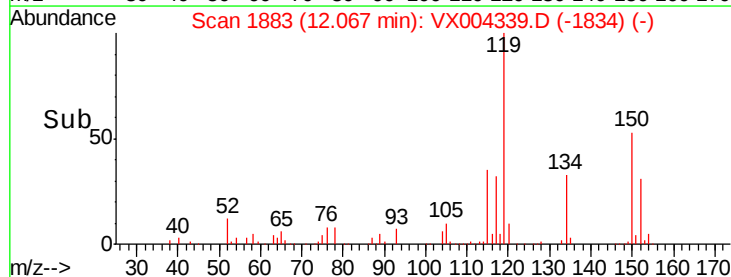
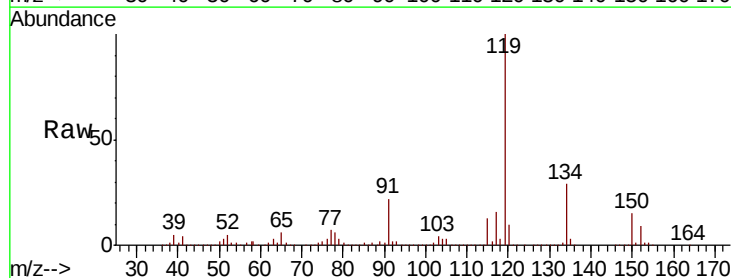
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

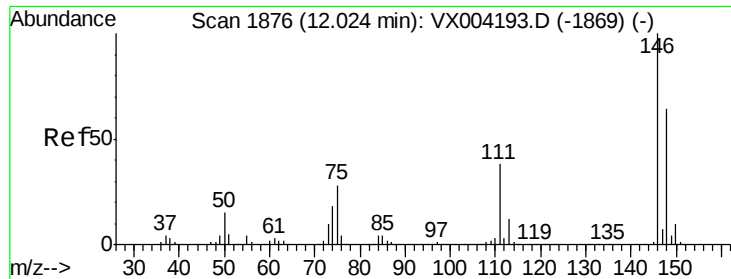
Tot Ion:105 Resp: 1004270
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 57.57 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX004339.D
 Acq: 04 Sep 2018 11:24

Tgt Ion:119 Resp: 900279
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.4 40.2
 91 22.3 10.9 32.7

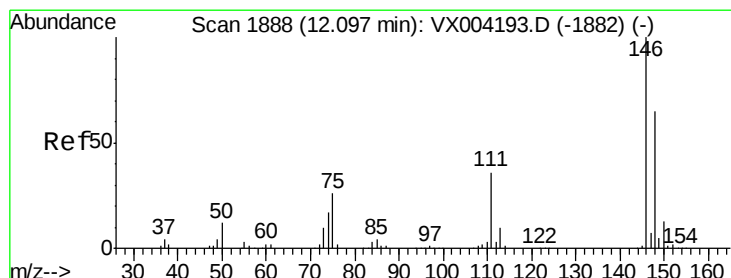
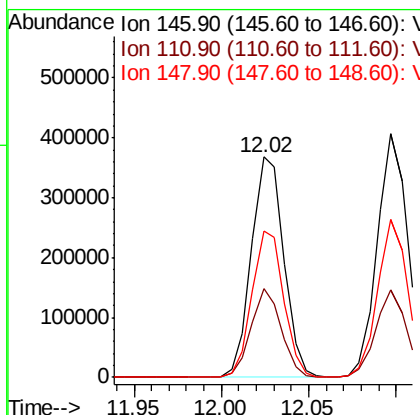
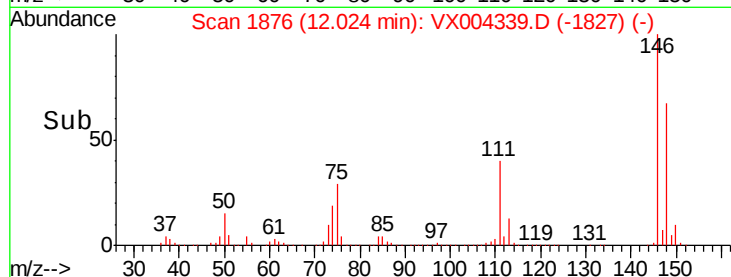
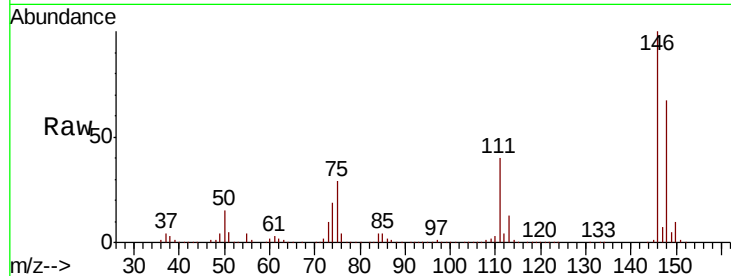




#87
 1,3-Dichlorobenzene
 Concen: 50.95 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: VX004339.D
 Acq: 04 Sep 2018 11:24

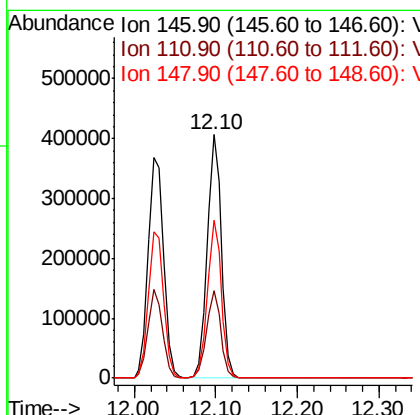
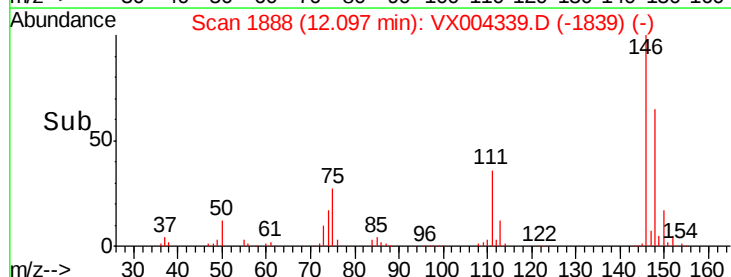
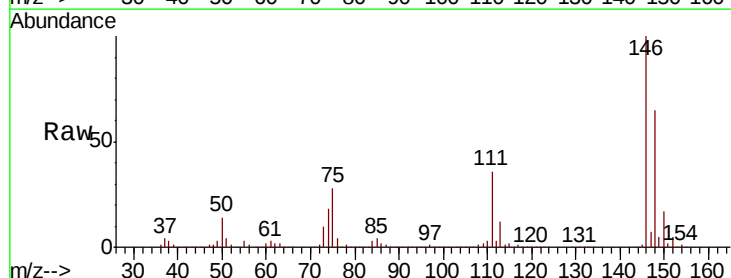
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 474717
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.7 56.1
 148 65.4 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 50.26 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX004339.D
 Acq: 04 Sep 2018 11:24

Tgt Ion:146 Resp: 493771
 Ion Ratio Lower Upper
 146 100
 111 36.0 18.1 54.1
 148 64.0 32.0 96.0

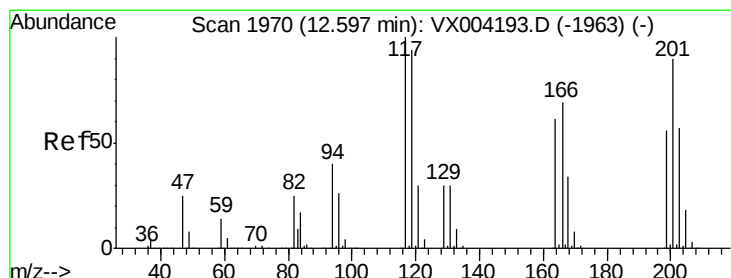
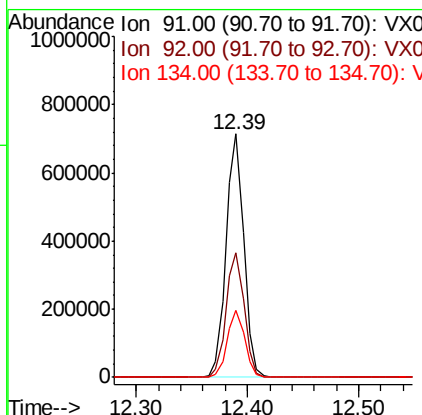
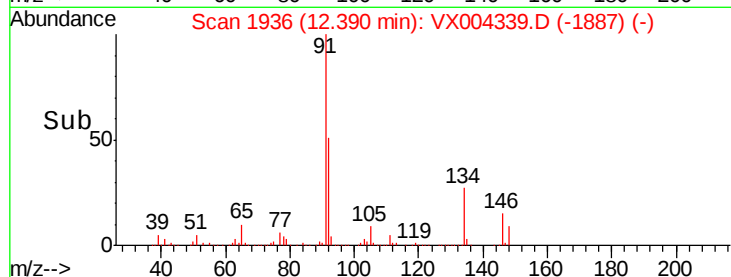
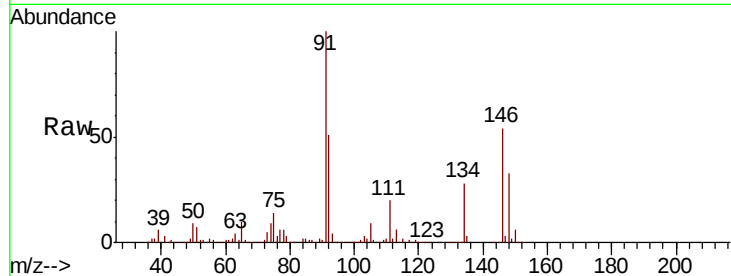




#89
n-Butylbenzene
Concen: 61.92 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

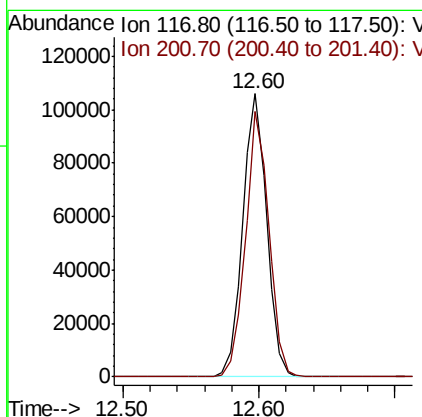
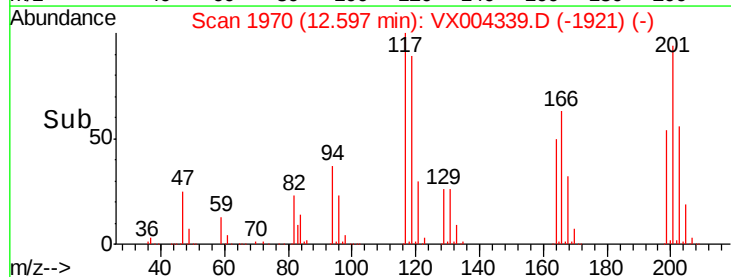
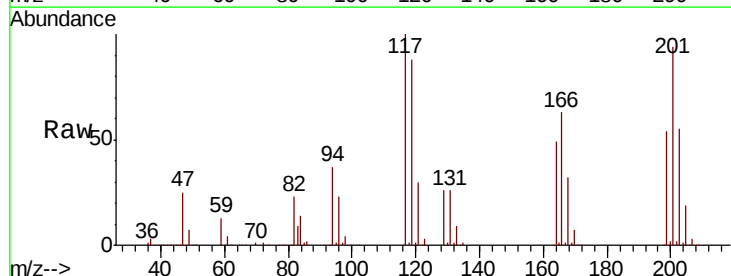
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 787408
Ion Ratio Lower Upper
91 100
92 52.3 27.3 81.9
134 27.3 13.6 40.7



#90
Hexachloroethane
Concen: 59.29 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

Tgt Ion: 117 Resp: 129592
Ion Ratio Lower Upper
117 100
201 92.2 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 54.59 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

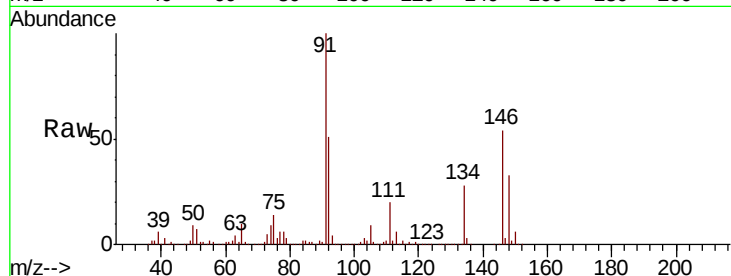
Tot Ion:146 Resp: 464819

Ion Ratio Lower Upper

146 100

111 37.7 19.4 58.1

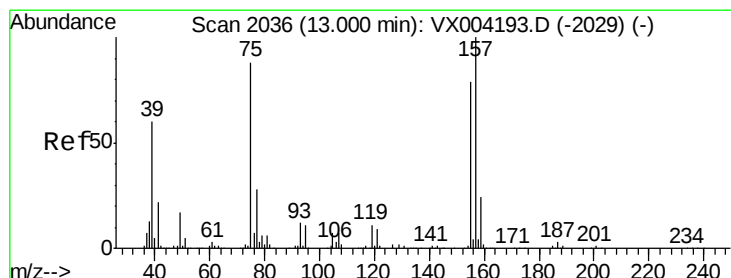
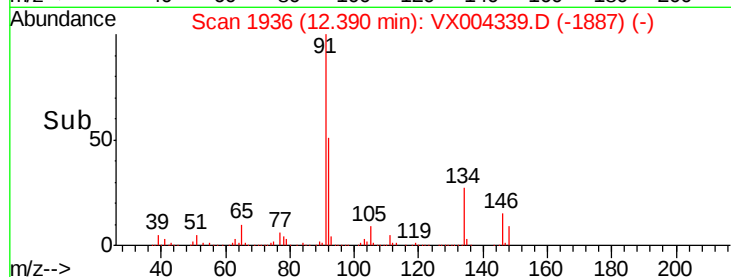
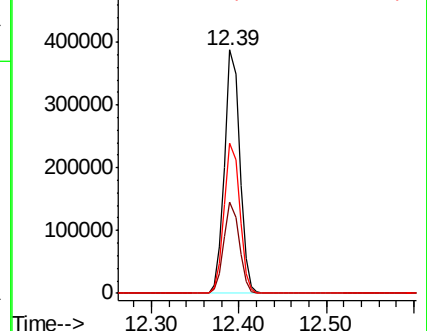
148 63.0 32.8 98.3



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: 50.79 ug/l

RT: 13.00 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

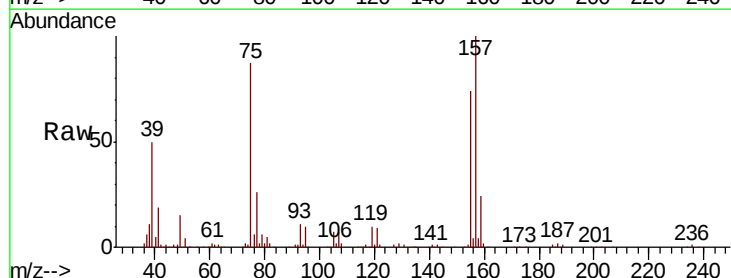
Tgt Ion: 75 Resp: 55227

Ion Ratio Lower Upper

75 100

155 95.0 48.0 144.2

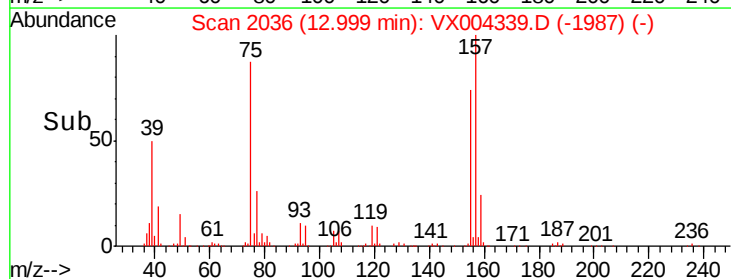
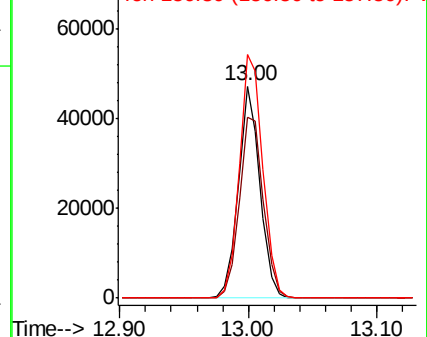
157 124.1 61.4 184.1

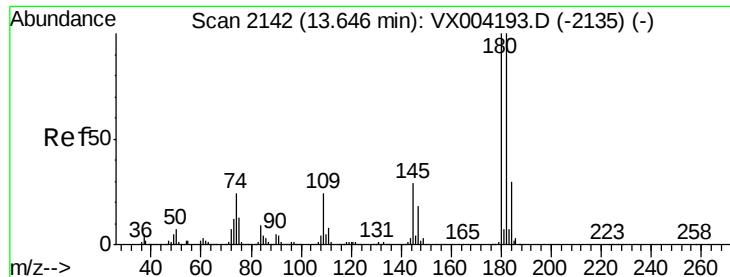


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

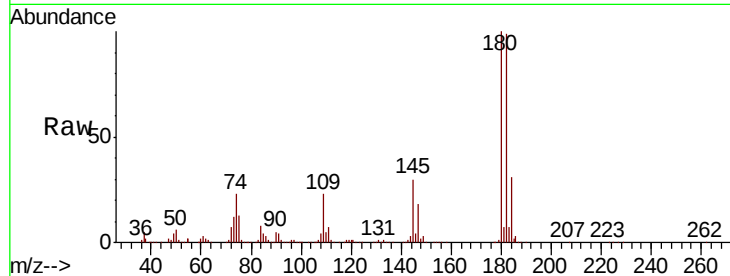




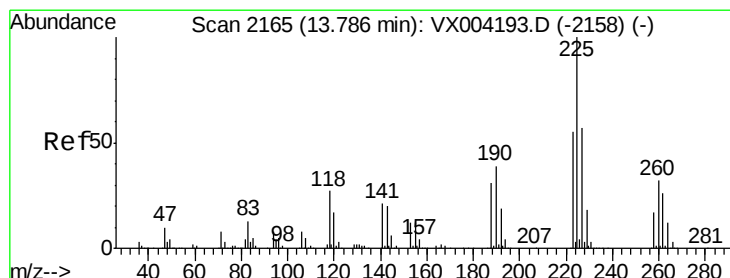
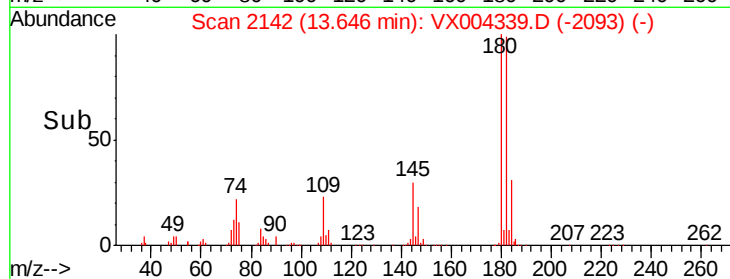
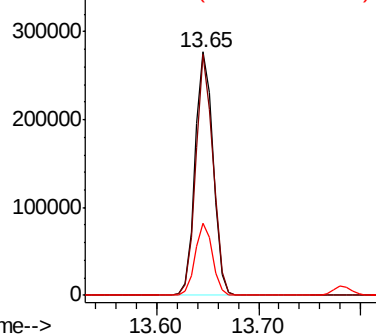
#93
 1,2,4-Trichlorobenzene
 Concen: 54.61 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004339.D
 Acq: 04 Sep 2018 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.4	145.0
145	28.6	14.3	42.9

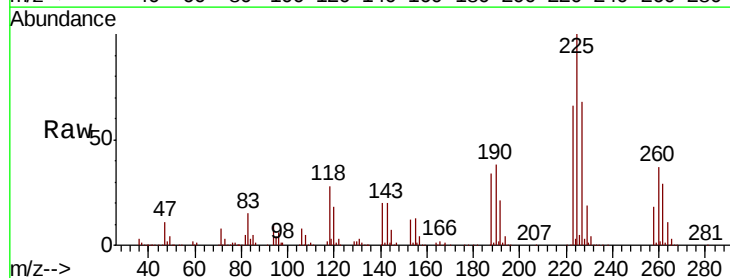


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

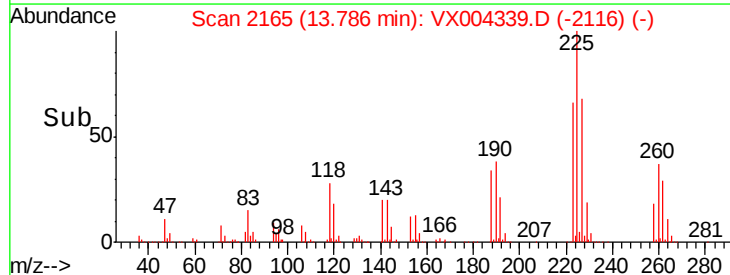
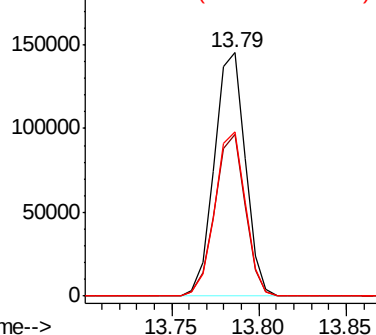


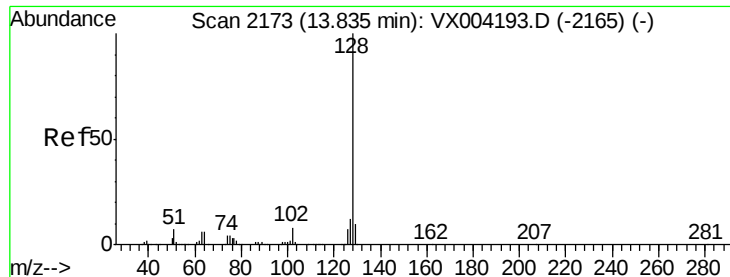
#94
 Hexachlorobutadiene
 Concen: 62.46 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX004339.D
 Acq: 04 Sep 2018 11:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.1	30.1	90.5
227	66.2	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

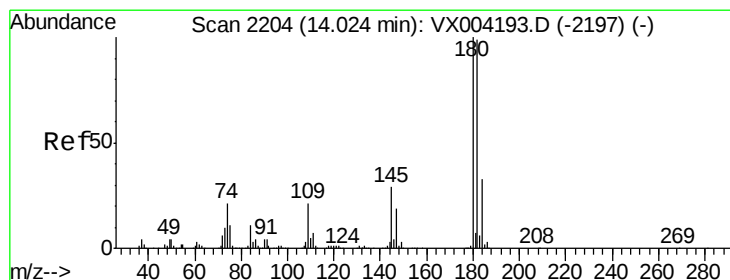
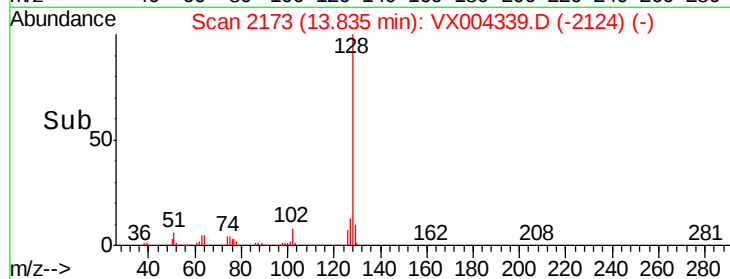
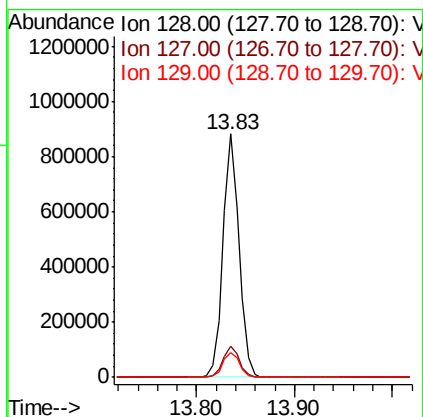
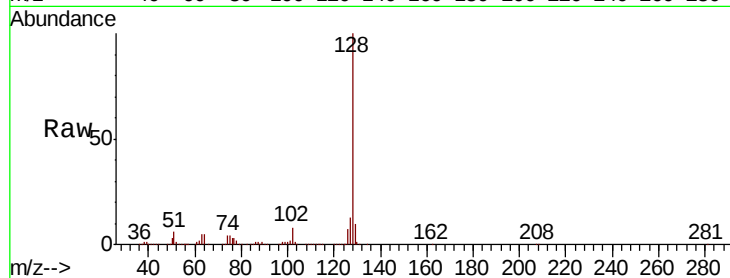




#95
Naphthalene
Concen: 57.15 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.00 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 1001529
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 56.08 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

Tgt Ion:180 Resp: 367794
Ion Ratio Lower Upper
180 100
182 95.3 48.5 145.6
145 29.4 14.9 44.9

