

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101718\
 Data File : VX005398.D
 Acq On : 17 Oct 2018 18:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 18 10:56:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	297368	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	441883	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	391388	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	219643	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	146553	44.41	ug/l	0.00
Spiked Amount			Recovery	=	88.82%	
35) Dibromofluoromethane	5.50	113	125657	42.93	ug/l	0.00
Spiked Amount			Recovery	=	85.86%	
50) Toluene-d8	8.71	98	462384	46.02	ug/l	0.00
Spiked Amount			Recovery	=	92.04%	
62) 4-Bromofluorobenzene	11.14	95	174697	46.28	ug/l	0.00
Spiked Amount			Recovery	=	92.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	112722	48.482	ug/l	98
3) Chloromethane	1.32	50	154115	45.745	ug/l	94
4) Vinyl Chloride	1.40	62	158946	46.573	ug/l	99
5) Bromomethane	1.64	94	92227	47.874	ug/l	96
6) Chloroethane	1.71	64	98875	48.953	ug/l	92
7) Trichlorofluoromethane	1.92	101	226993	49.841	ug/l	93
8) Diethyl Ether	2.19	74	97125	49.940	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.38	101	134361	51.114	ug/l	93
10) Methyl Iodide	2.51	142	159957	55.223	ug/l	99
11) Tert butyl alcohol	3.08	59	246304	264.567	ug/l	99
12) 1,1-Dichloroethene	2.37	96	128582	49.370	ug/l	94
13) Acrolein	2.29	56	163509	275.454	ug/l	96
14) Allyl chloride	2.73	41	283740	49.621	ug/l	94
15) Acrylonitrile	3.15	53	513472	243.392	ug/l	96
16) Acetone	2.44	43	462090	242.159	ug/l #	87
17) Carbon Disulfide	2.57	76	338897	42.954	ug/l	98
18) Methyl Acetate	2.78	43	279866	51.552	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	490850	53.512	ug/l	97
20) Methylene Chloride	2.85	84	145532	52.405	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	137293	47.567	ug/l	96
22) Diisopropyl ether	3.87	45	467942	48.722	ug/l	93
23) Vinyl Acetate	3.82	43	2026640	241.425	ug/l #	94
24) 1,1-Dichloroethane	3.69	63	272323	49.474	ug/l	96
25) 2-Butanone	4.70	43	713992	255.734	ug/l #	88
26) 2,2-Dichloropropane	4.59	77	198683	48.263	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	155976	49.725	ug/l	96
28) Bromochloromethane	5.01	49	126895	50.570	ug/l	94
29) Tetrahydrofuran	5.16	42	438166	246.036	ug/l	95
30) Chloroform	5.21	83	249959	48.925	ug/l	99
31) Cyclohexane	5.58	56	233227	51.409	ug/l #	80
32) 1,1,1-Trichloroethane	5.49	97	215385	48.450	ug/l	99
36) 1,1-Dichloropropene	5.80	75	191531	44.754	ug/l	98
37) Ethyl Acetate	4.86	43	246747	44.833	ug/l	99
38) Carbon Tetrachloride	5.77	117	197667	45.968	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	219916	47.480	ug/l	96
40) Benzene	6.14	78	552791	43.059	ug/l	100
41) Methacrylonitrile	5.06	41	136374	46.220	ug/l	97
42) 1,2-Dichloroethane	6.20	62	198855	43.868	ug/l	98
43) Isopropyl Acetate	6.46	43	376201	51.314	ug/l	97
44) Trichloroethene	7.21	130	157375	47.985	ug/l	99
45) 1,2-Dichloropropane	7.52	63	148140	47.042	ug/l	98
46) Dibromomethane	7.66	93	94107	45.277	ug/l	98
47) Bromodichloromethane	7.90	83	183073	47.619	ug/l	99
48) Methyl methacrylate	7.77	41	184275	48.462	ug/l	95
49) 1,4-Dioxane	7.75	88	86186	982.706	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1248736	245.989	ug/l	97
52) Toluene	8.79	92	347807	49.520	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	210270	50.538	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	228828	50.759	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	145799	49.010	ug/l	98
56) Ethyl methacrylate	9.18	69	231093	53.287	ug/l	96
57) 1,3-Dichloropropane	9.37	76	240040	48.344	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	633565	260.498	ug/l	96
59) 2-Hexanone	9.50	43	990368	242.531	ug/l	95
60) Dibromochloromethane	9.59	129	152579	49.619	ug/l	100
61) 1,2-Dibromoethane	9.67	107	150040	48.059	ug/l	100
64) Tetrachloroethene	9.34	164	155307	49.290	ug/l	99
65) Chlorobenzene	10.14	112	396124	47.581	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	145673	49.101	ug/l	99
67) Ethyl Benzene	10.25	91	673509	49.764	ug/l	97
68) m/p-Xylenes	10.36	106	526245	100.178	ug/l	96
69) o-Xylene	10.70	106	255141	50.361	ug/l	98
70) Styrene	10.71	104	429139	51.499	ug/l	98
71) Bromoform	10.86	173	129811	48.963	ug/l	99
73) Isopropylbenzene	11.02	105	693460	53.110	ug/l	100
74) N-amyl acetate	10.90	43	329564	52.331	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	237213	48.160	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	278795	65.438	ug/l	87
77) Bromobenzene	11.26	156	187252	50.156	ug/l	99
78) n-propylbenzene	11.36	91	789177	52.523	ug/l	100
79) 2-Chlorotoluene	11.42	91	469299	50.999	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	586619	52.464	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	70255	50.105	ug/l	95
82) 4-Chlorotoluene	11.51	91	551365	50.546	ug/l	100
83) tert-Butylbenzene	11.77	119	595417	52.586	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	606697	52.725	ug/l	99
85) sec-Butylbenzene	11.94	105	712523	53.175	ug/l	99
86) p-Isopropyltoluene	12.07	119	643724	53.151	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	347366	49.793	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	349200	48.930	ug/l	99
89) n-Butylbenzene	12.39	91	570559	51.885	ug/l	98
90) Hexachloroethane	12.60	117	103622	49.645	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	349613	49.109	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	57493	47.852	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	272708	52.212	ug/l	99
94) Hexachlorobutadiene	13.79	225	135559	49.141	ug/l	96
95) Naphthalene	13.83	128	833218	55.007	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	274910	51.440	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX005398.D

Acq: 17 Oct 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

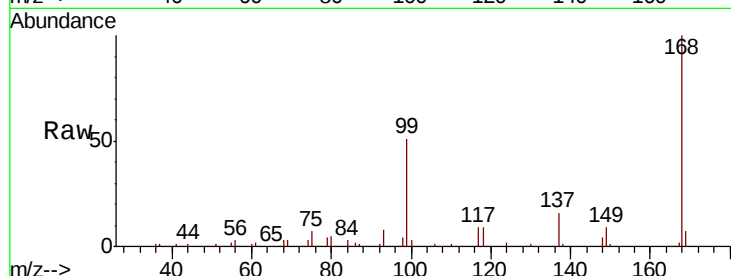
VSTDCCC050

Tot Ion:168 Resp: 297368

Ion Ratio Lower Upper

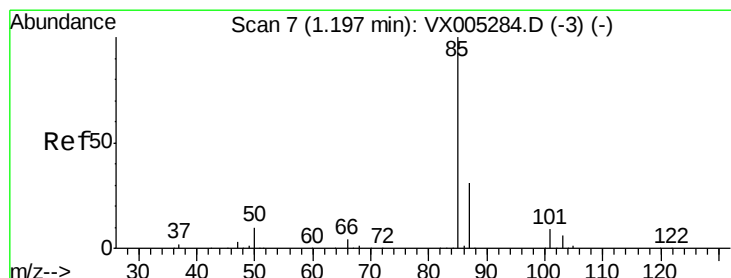
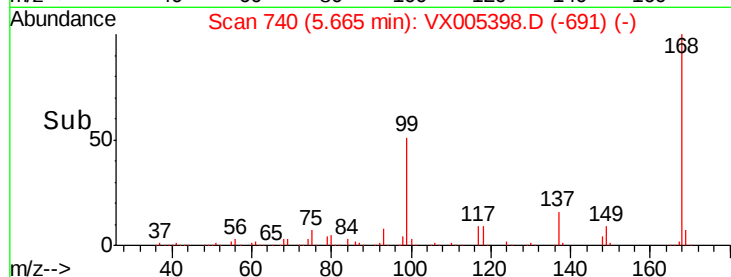
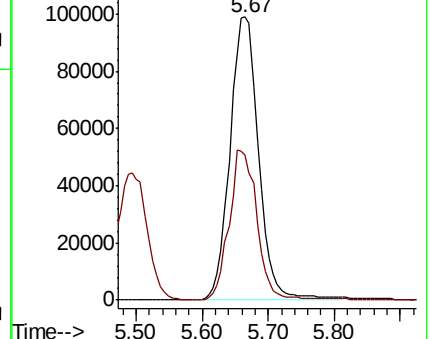
168 100

99 51.3 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.482 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX005398.D

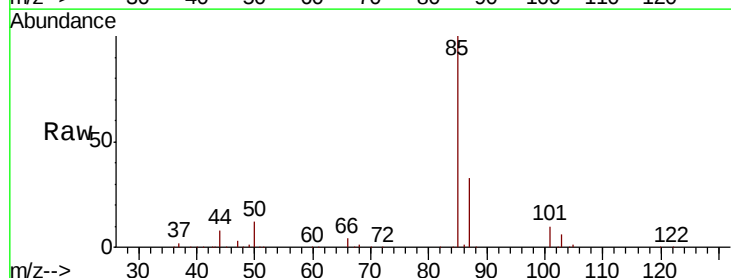
Acq: 17 Oct 2018 18:55

Tgt Ion: 85 Resp: 112722

Ion Ratio Lower Upper

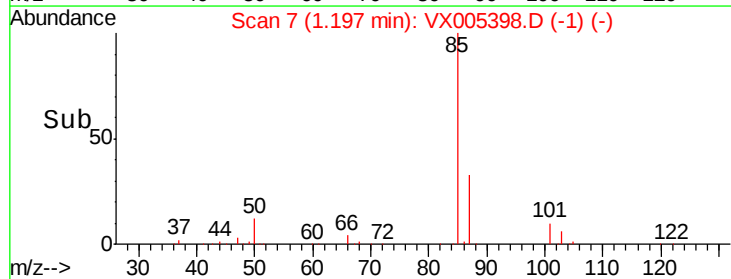
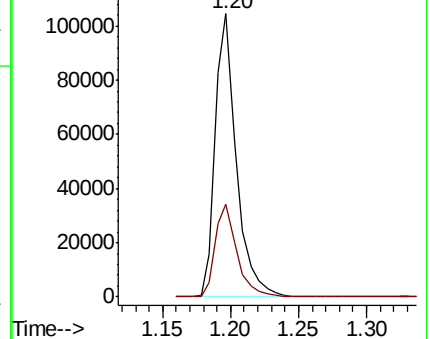
85 100

87 32.9 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 45.745 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005398.D

Acq: 17 Oct 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

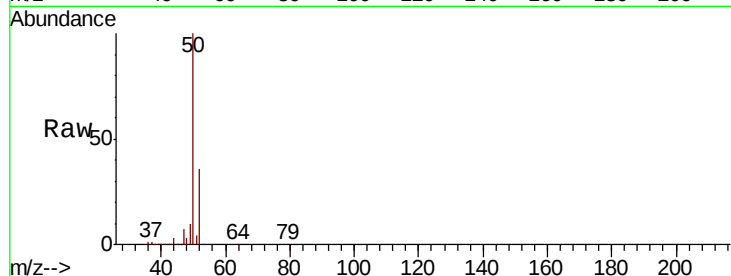
VSTDCCC050

Tot Ion: 50 Resp: 154115

Ion Ratio Lower Upper

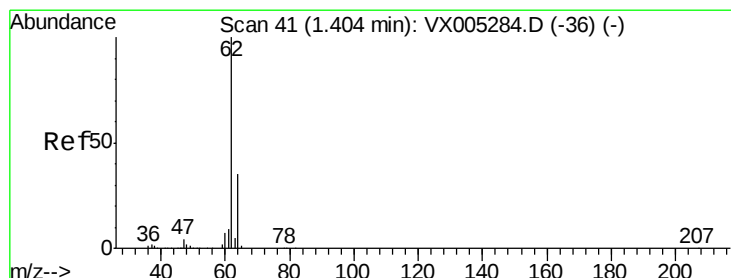
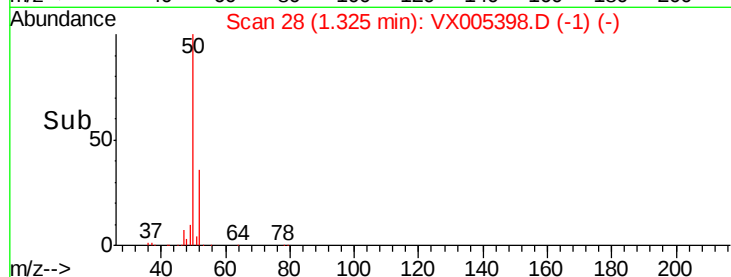
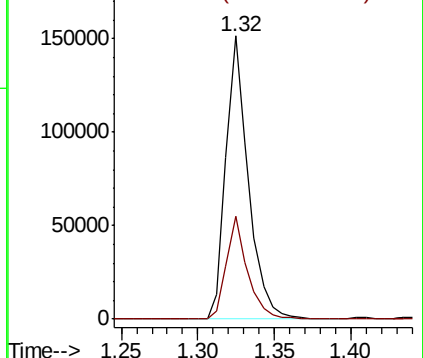
50 100

52 36.2 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: 46.573 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005398.D

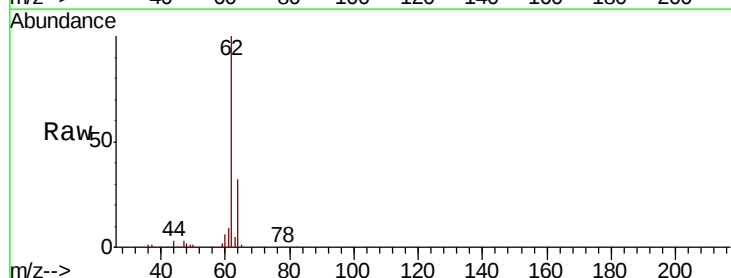
Acq: 17 Oct 2018 18:55

Tgt Ion: 62 Resp: 158946

Ion Ratio Lower Upper

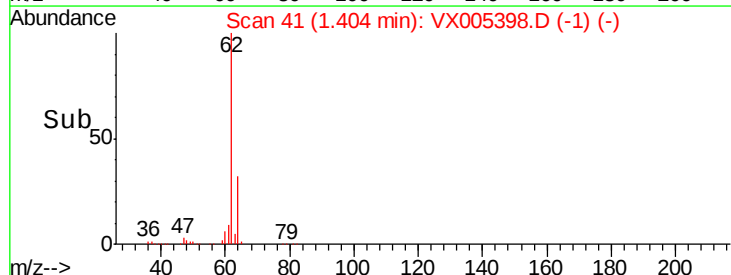
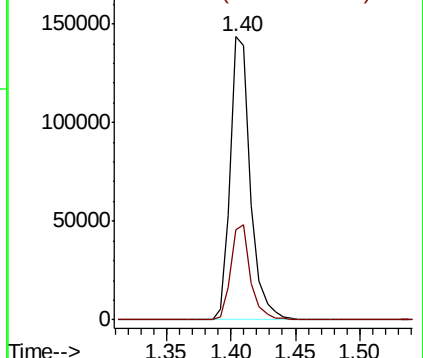
62 100

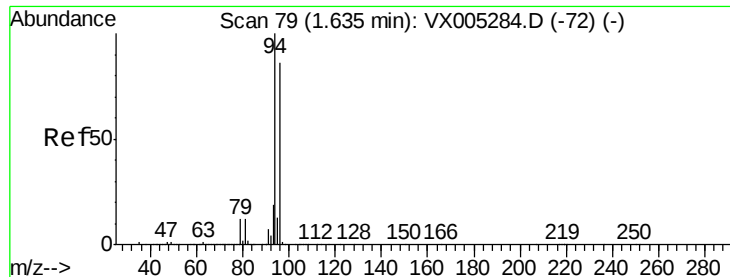
64 31.6 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.874 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005398.D

Acq: 17 Oct 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

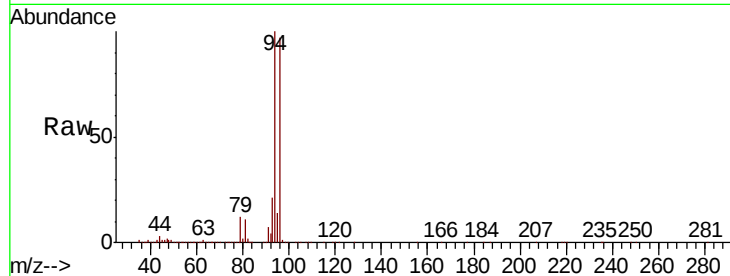
VSTDCCC050

Tot Ion: 94 Resp: 92227

Ion Ratio Lower Upper

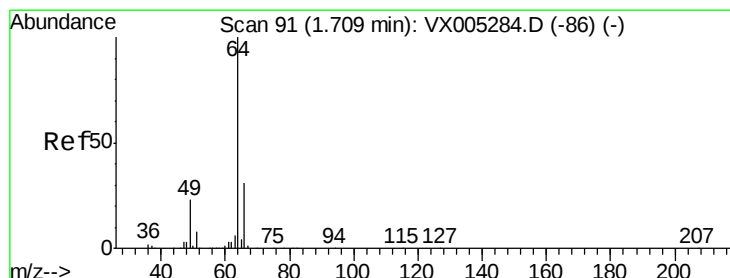
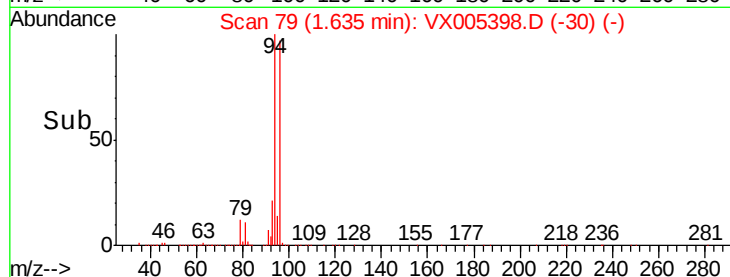
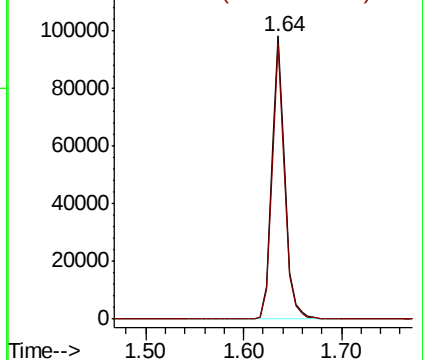
94 100

96 97.4 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.953 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.01 min

Lab File: VX005398.D

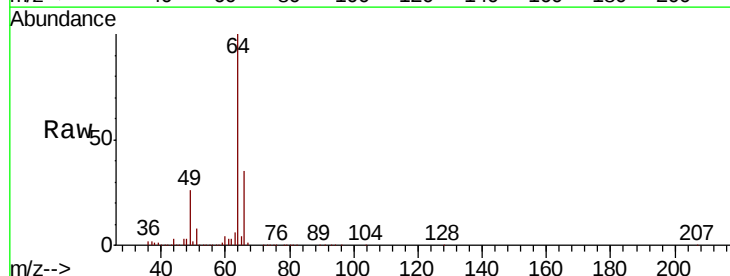
Acq: 17 Oct 2018 18:55

Tgt Ion: 64 Resp: 98875

Ion Ratio Lower Upper

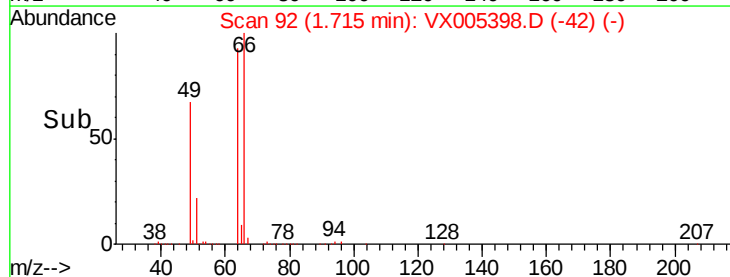
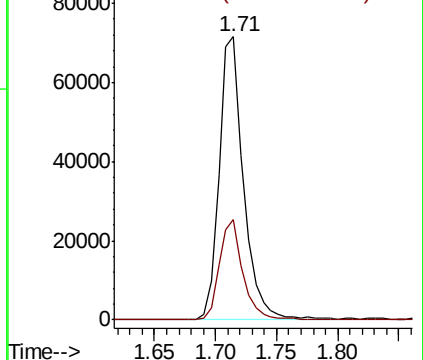
64 100

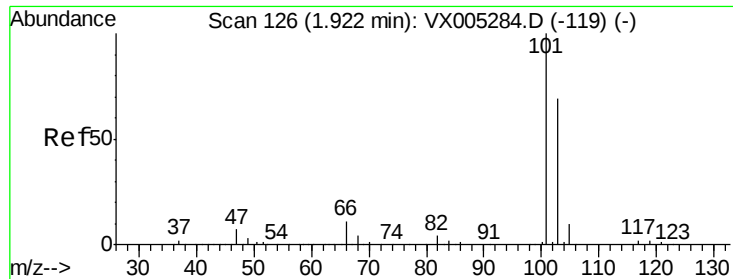
66 35.3 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



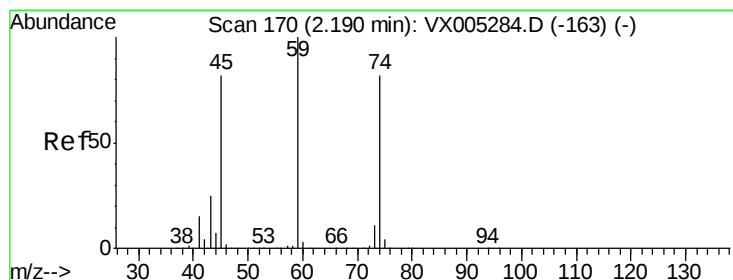
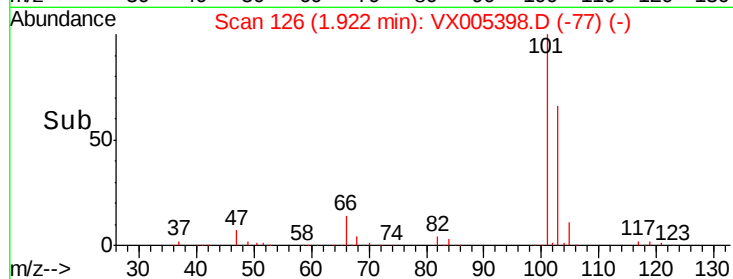
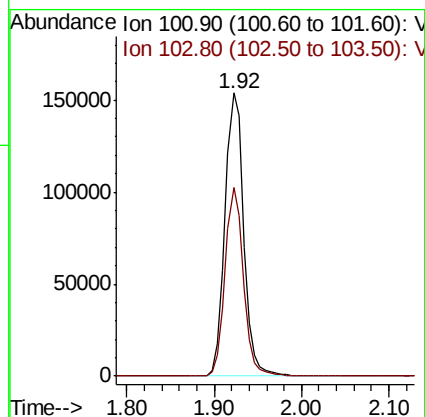
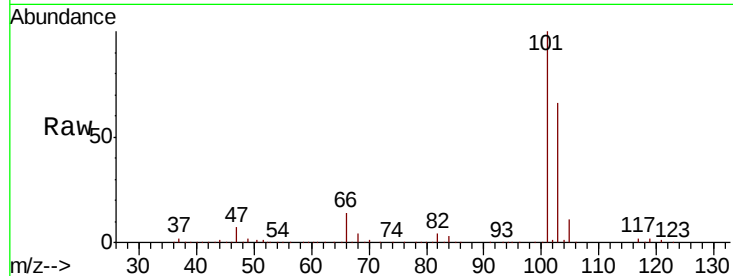


#7

Trichlorofluoromethane
 Concen: 49.841 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX005398.D
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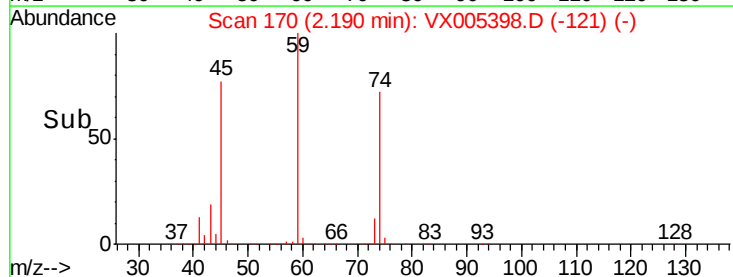
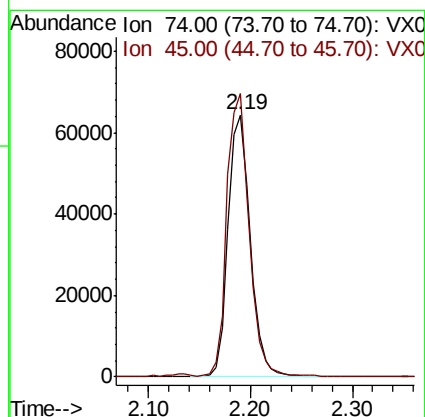
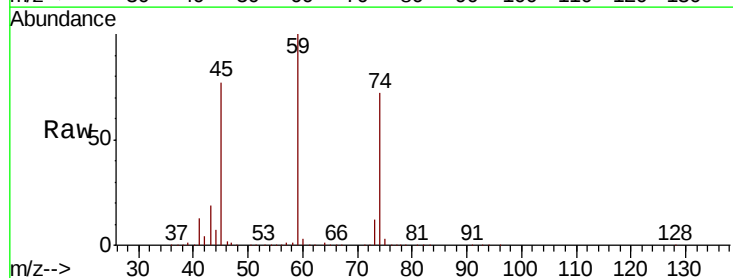
Tot Ion:101 Resp: 226993
 Ion Ratio Lower Upper
 101 100
 103 66.5 48.9 73.3

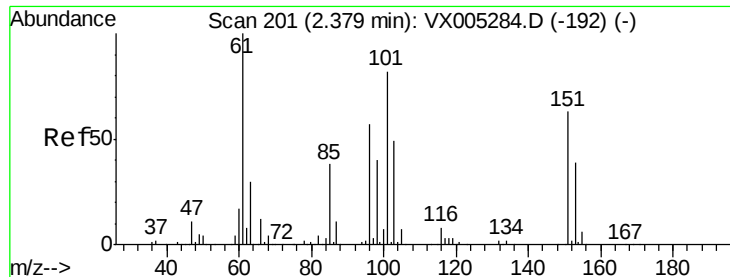


#8

Diethyl Ether
 Concen: 49.940 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX005398.D
 Acq: 17 Oct 2018 18:55

Tgt Ion: 74 Resp: 97125
 Ion Ratio Lower Upper
 74 100
 45 107.4 48.3 144.8

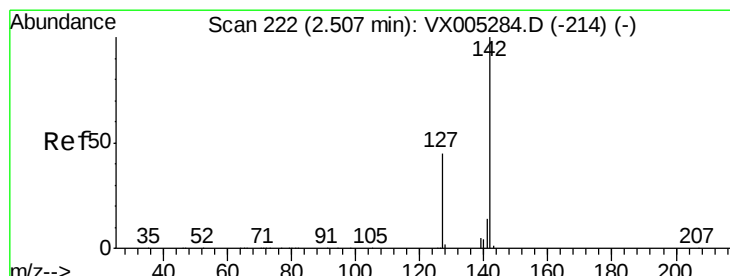
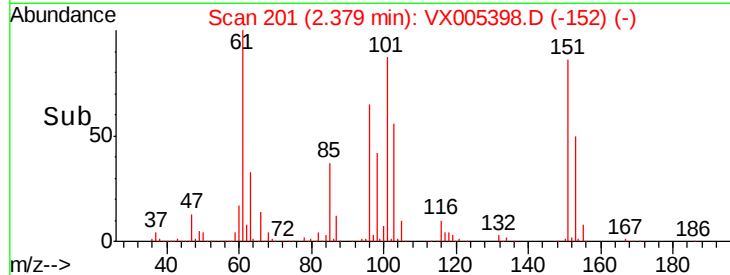
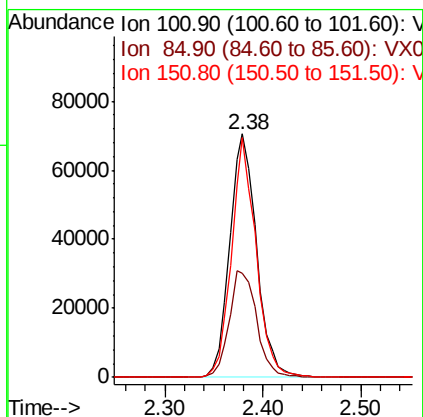
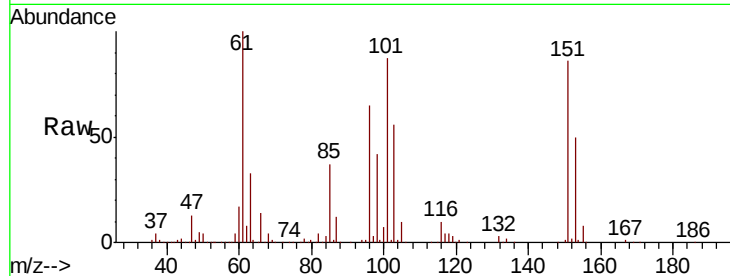




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 51.114 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.00 min
 Lab File: VX005398.D
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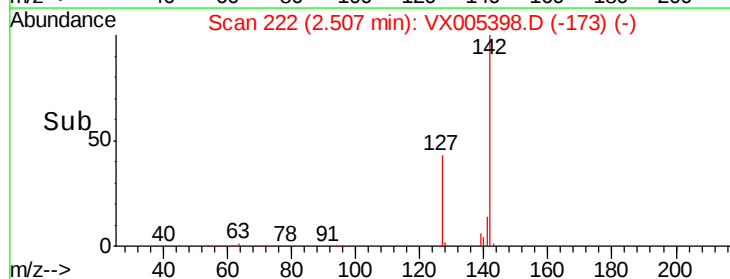
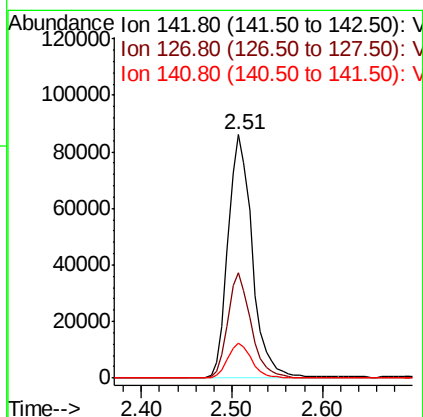
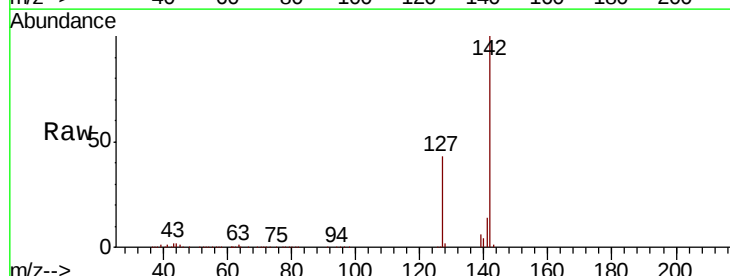
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
85	44.8	34.2	51.4
151	90.0	65.0	97.6



#10
 Methyl Iodide
 Concen: 55.223 ug/l
 RT: 2.51 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VX005398.D
 Acq: 17 Oct 2018 18:55

Tgt Ion	Ratio	Lower	Upper
142	100		
127	41.6	33.8	50.6
141	14.2	11.4	17.0



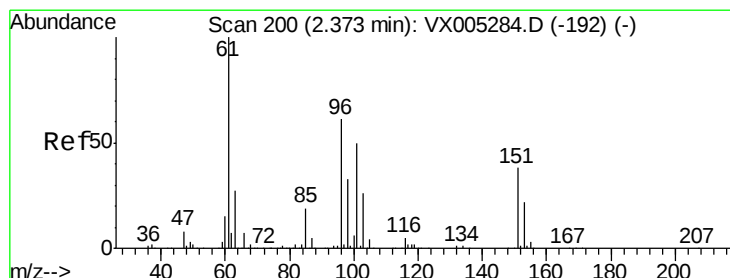
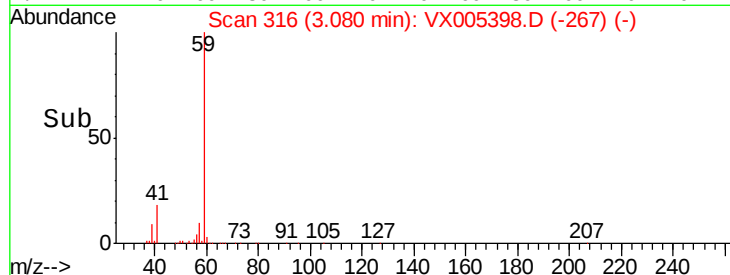
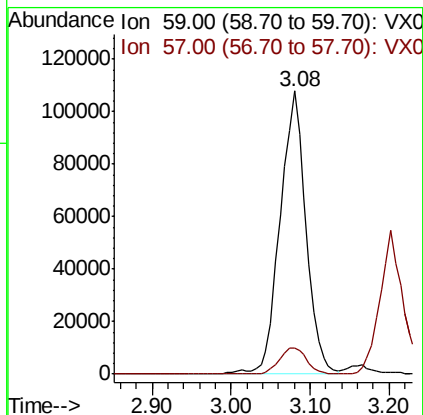
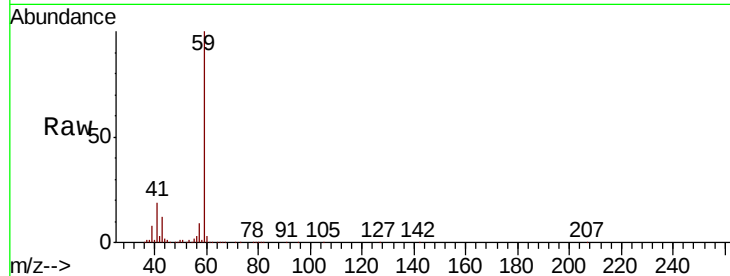


#11

Tert butyl alcohol
 Concen: 264.567 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX005398.D
 Acq: 17 Oct 2018 18:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

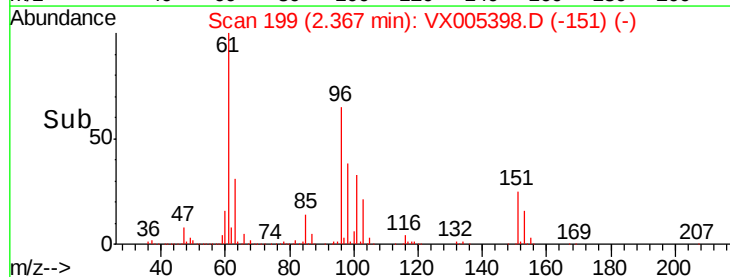
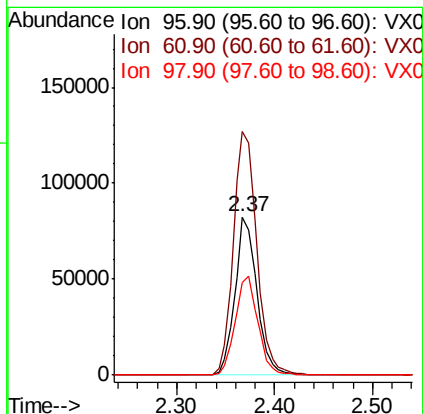
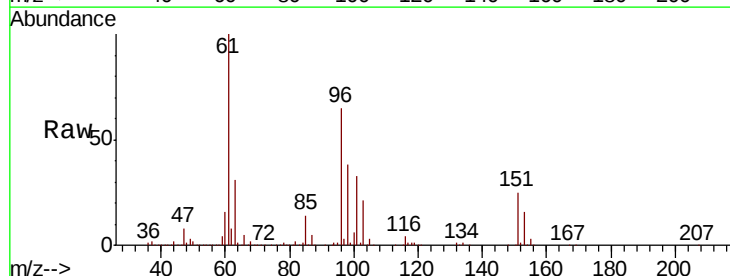
Tot Ion: 59 Resp: 246304
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.2 12.4

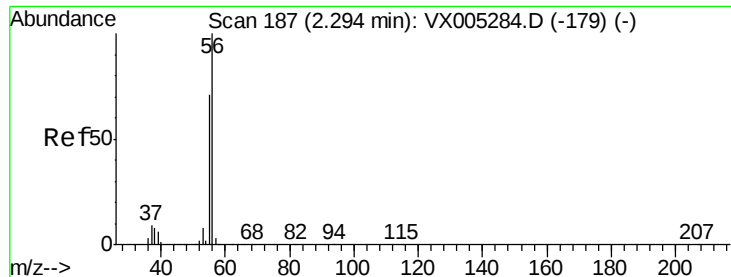


#12

1,1-Dichloroethene
 Concen: 49.370 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX005398.D
 Acq: 17 Oct 2018 18:55

Tgt Ion: 96 Resp: 128582
 Ion Ratio Lower Upper
 96 100
 61 154.2 128.8 193.2
 98 58.5 52.2 78.2





#13

Acrolein

Concen: 275.454 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005398.D

Acq: 17 Oct 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

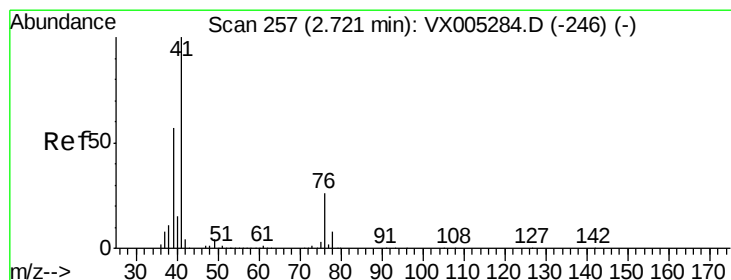
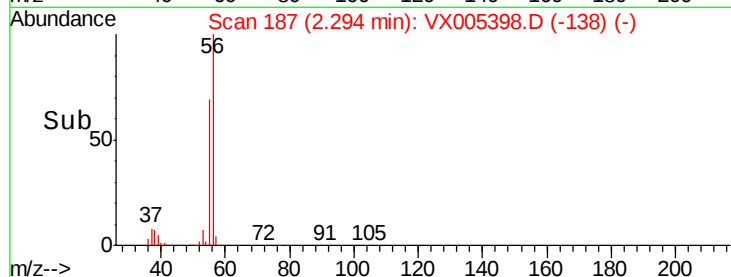
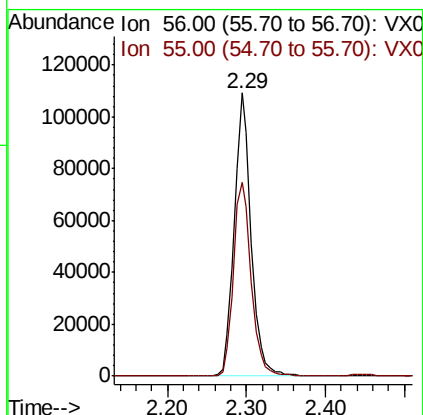
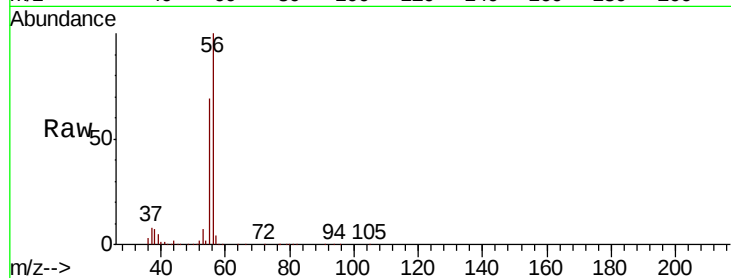
VSTDCCC050

Tot Ion: 56 Resp: 163509

Ion Ratio Lower Upper

56 100

55 71.8 54.7 82.1



#14

Allyl chloride

Concen: 49.621 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005398.D

Acq: 17 Oct 2018 18:55

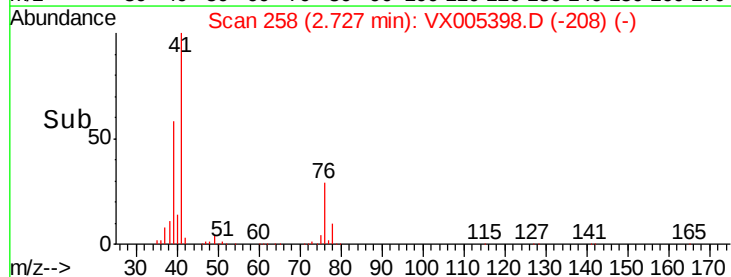
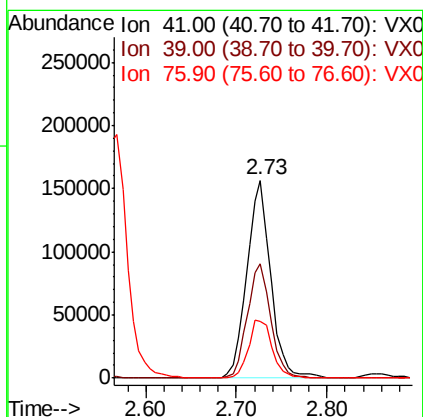
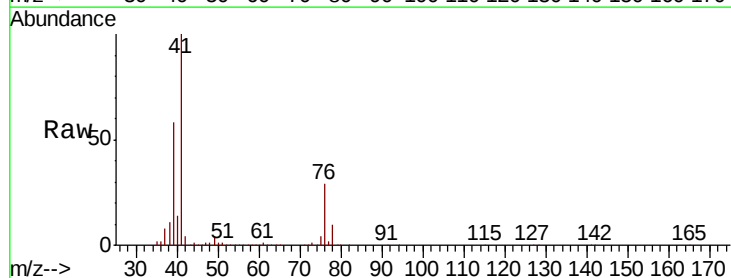
Tgt Ion: 41 Resp: 283740

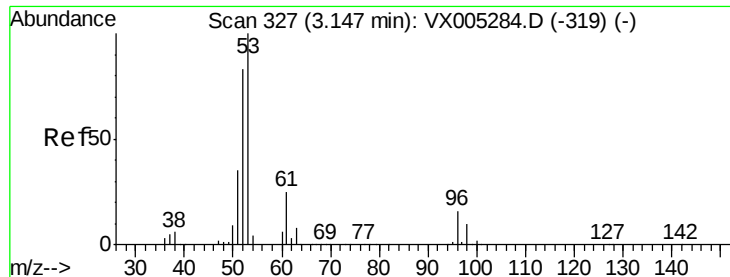
Ion Ratio Lower Upper

41 100

39 56.8 48.9 73.3

76 29.4 26.7 40.1





#15

Acrylonitrile

Concen: 243.392 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX005398.D

Acq: 17 Oct 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

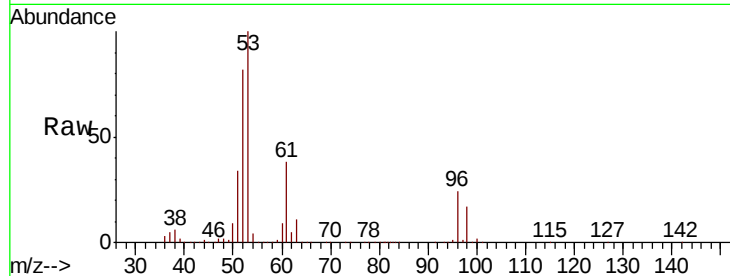
Tot Ion: 53 Resp: 513472

Ion Ratio Lower Upper

53 100

52 86.0 65.2 97.8

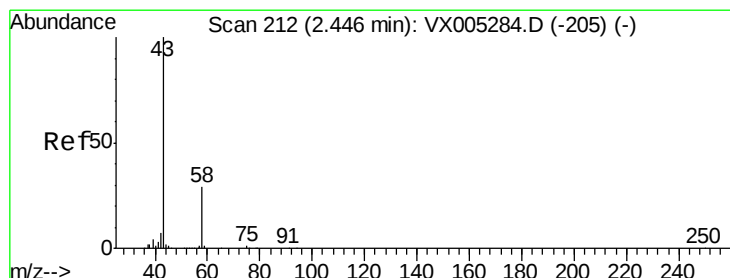
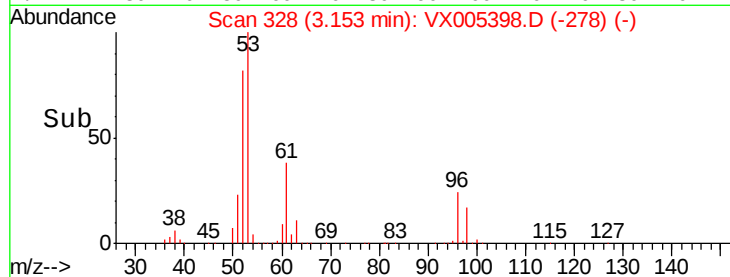
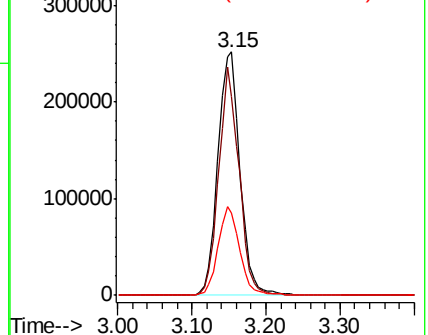
51 35.4 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 242.159 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX005398.D

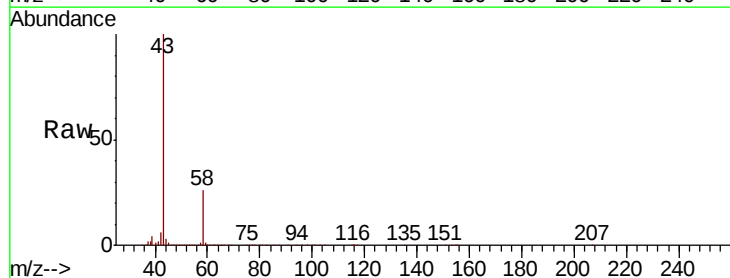
Acq: 17 Oct 2018 18:55

Tgt Ion: 43 Resp: 462090

Ion Ratio Lower Upper

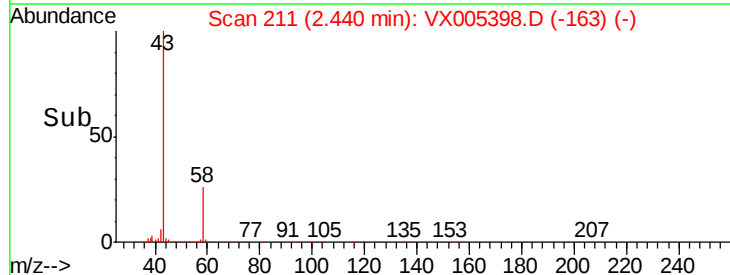
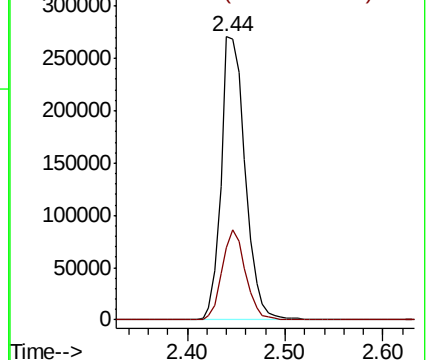
43 100

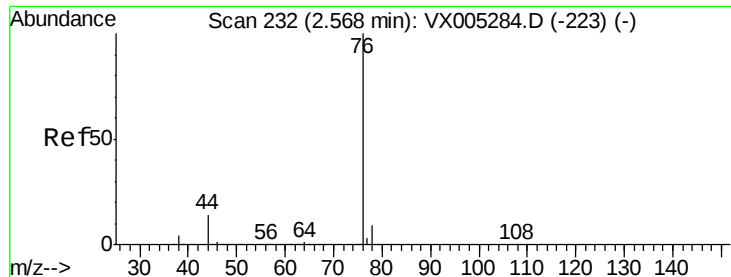
58 25.6 26.2 39.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

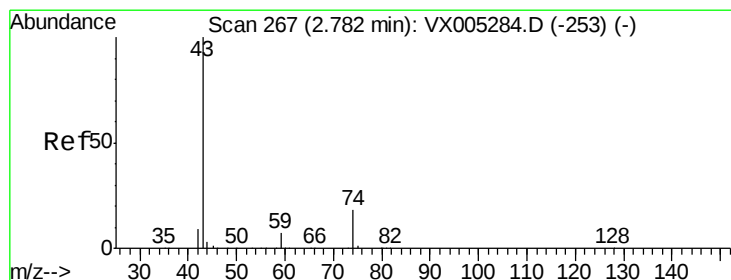
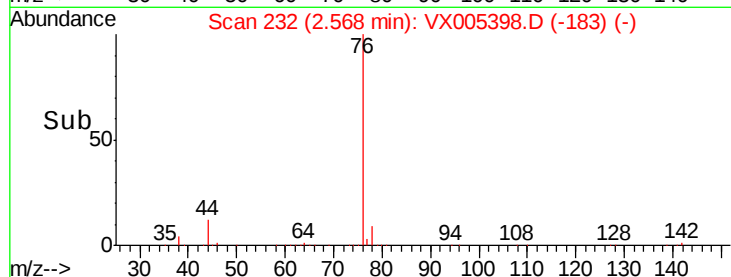
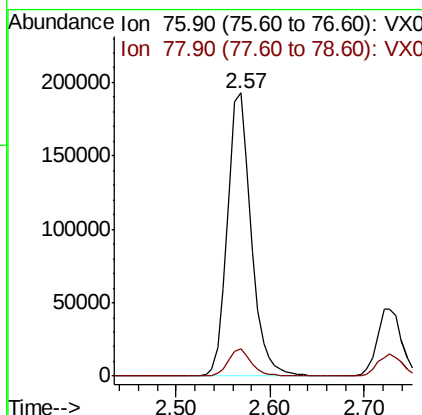
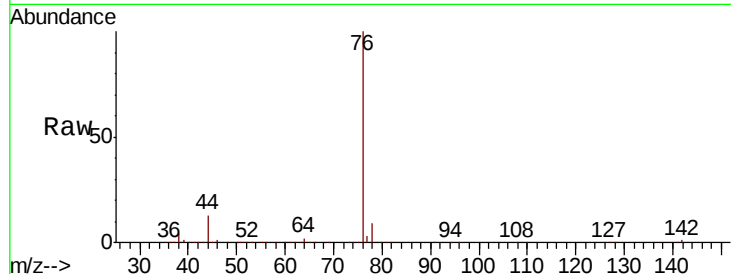




#17
Carbon Disulfide
Concen: 42.954 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX005398.D
Acq: 17 Oct 2018 18:55

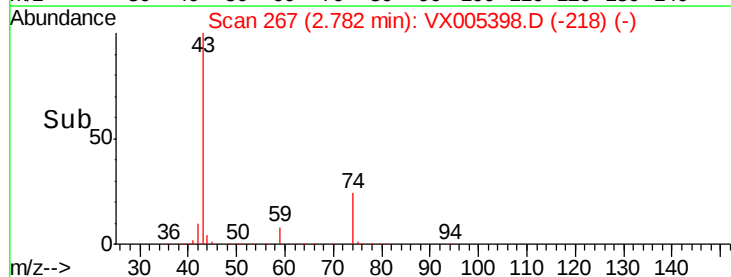
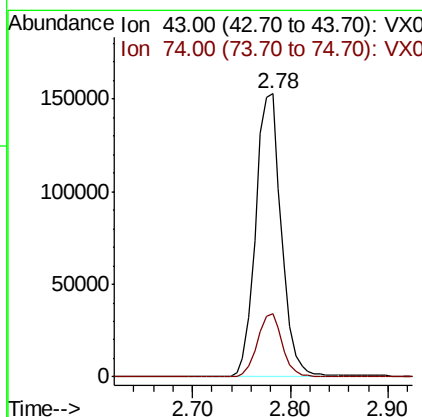
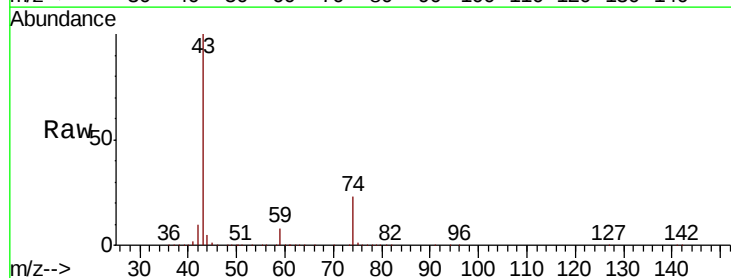
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

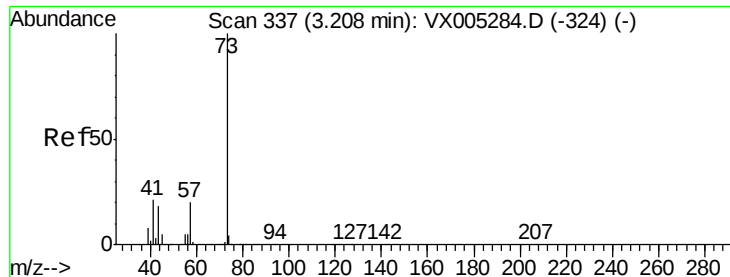
Tot Ion: 76 Resp: 338897
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6



#18
Methyl Acetate
Concen: 51.552 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX005398.D
Acq: 17 Oct 2018 18:55

Tgt Ion: 43 Resp: 279866
Ion Ratio Lower Upper
43 100
74 22.2 19.4 29.2



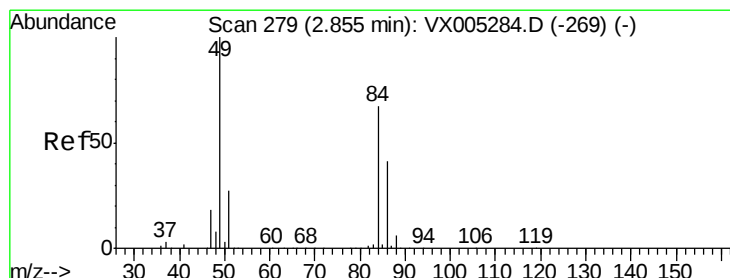
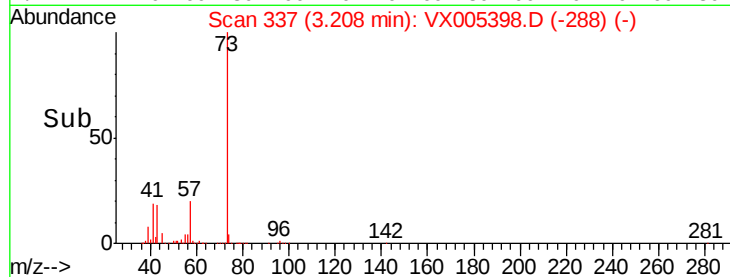
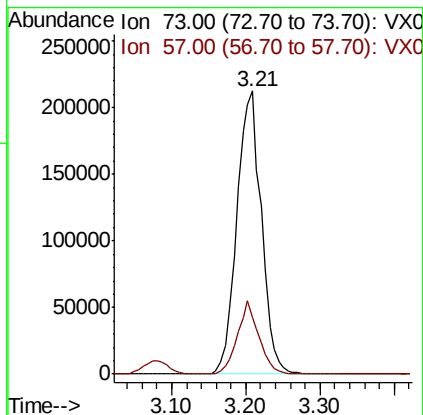
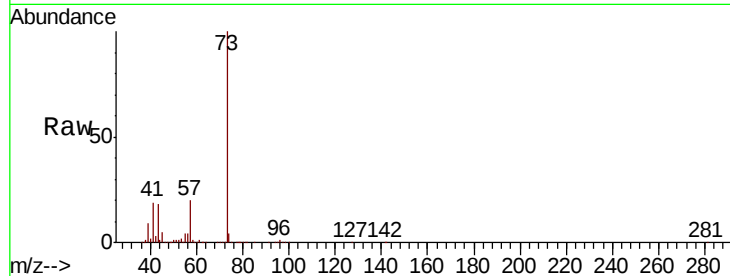


#19

Methyl tert-butyl Ether
 Concen: 53.512 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.00 min
 Lab File: VX005398.D
 Acq: 17 Oct 2018 18:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

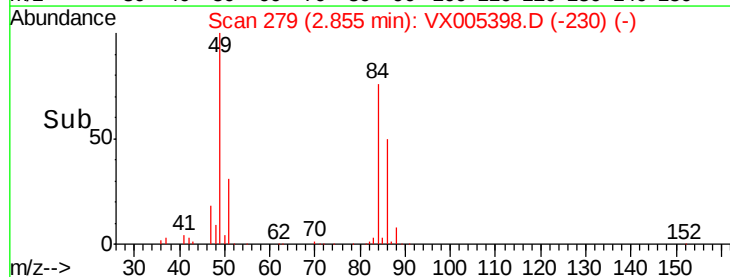
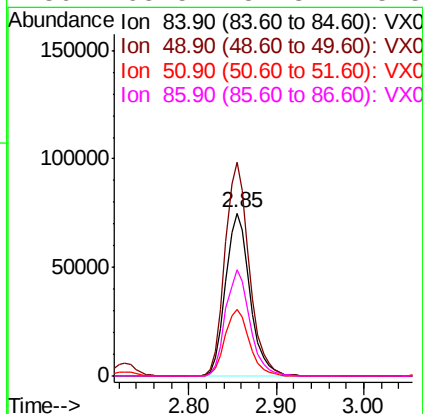
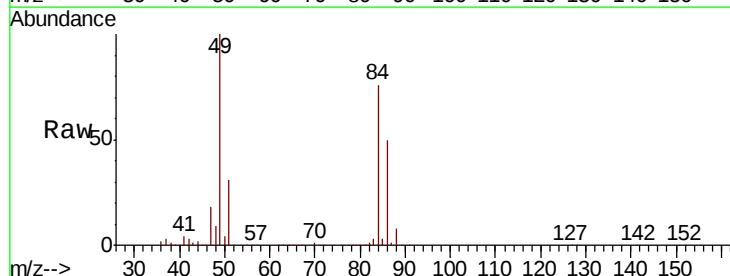
Tot Ion: 73 Resp: 490850
 Ion Ratio Lower Upper
 73 100
 57 19.9 17.1 25.7



#20

Methylene Chloride
 Concen: 52.405 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX005398.D
 Acq: 17 Oct 2018 18:55

Tgt Ion: 84 Resp: 145532
 Ion Ratio Lower Upper
 84 100
 49 131.1 101.2 151.8
 51 40.4 29.5 44.3
 86 65.5 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 47.567 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005398.D

Acq: 17 Oct 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

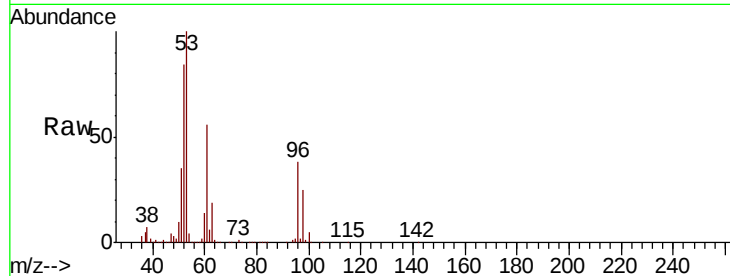
Tot Ion: 96 Resp: 137293

Ion Ratio Lower Upper

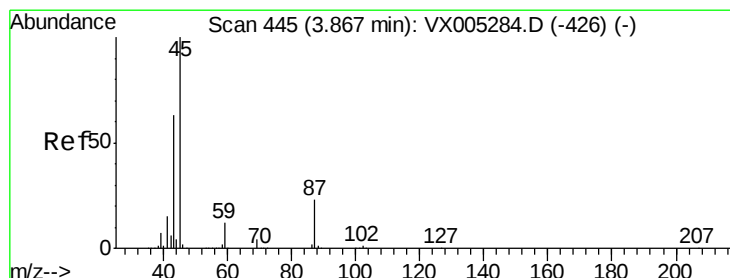
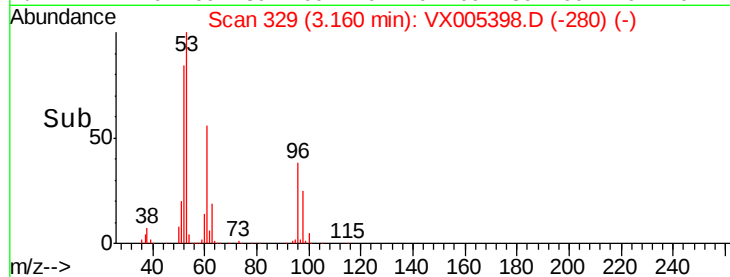
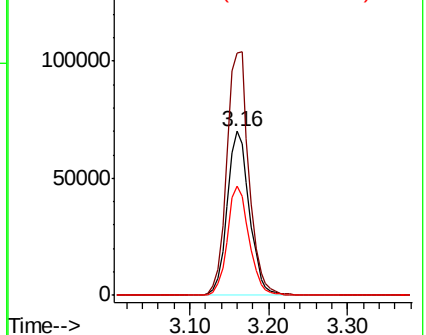
96 100

61 148.1 113.8 170.6

98 66.4 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: 48.722 ug/l

RT: 3.87 min Scan# 445

Delta R.T. 0.00 min

Lab File: VX005398.D

Acq: 17 Oct 2018 18:55

Tgt Ion: 45 Resp: 467942

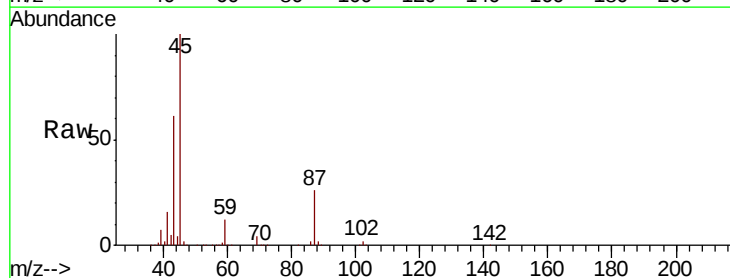
Ion Ratio Lower Upper

45 100

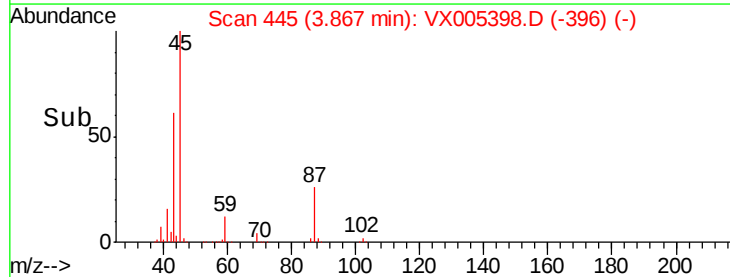
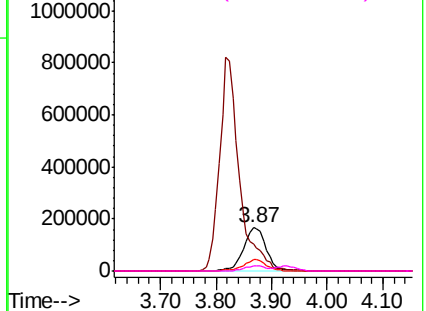
43 61.1 42.8 64.2

87 25.9 22.6 34.0

59 11.9 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

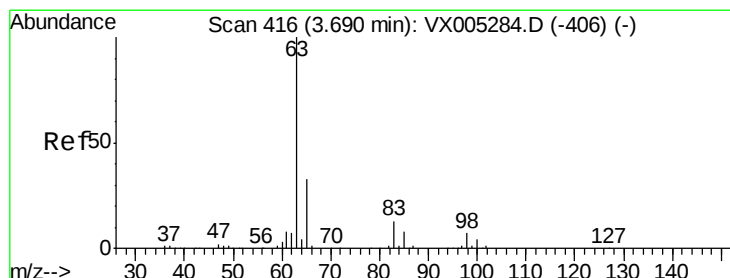
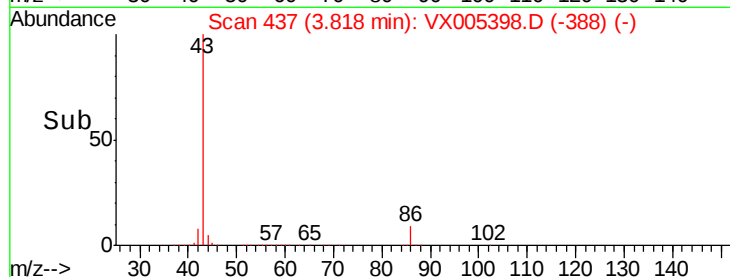
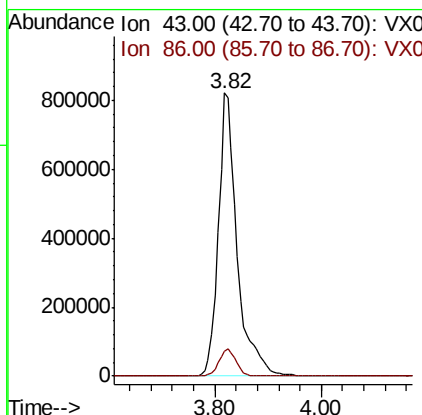
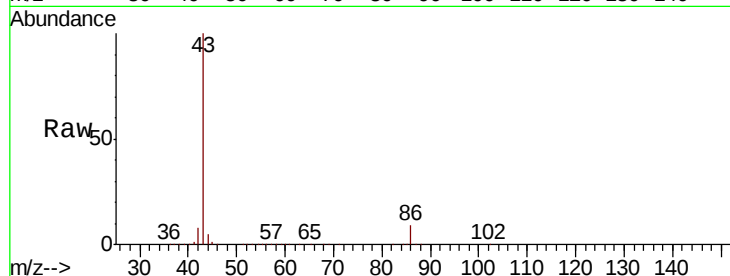




#23
 Vinyl Acetate
 Concen: 241.425 ug/l
 RT: 3.82 min Scan# 437
 Delta R.T. 0.00 min
 Lab File: VX005398.D
 Acq: 17 Oct 2018 18:55

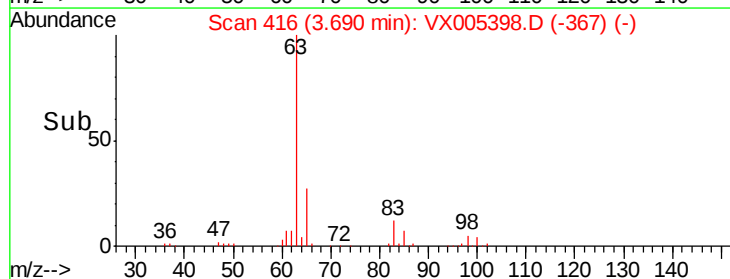
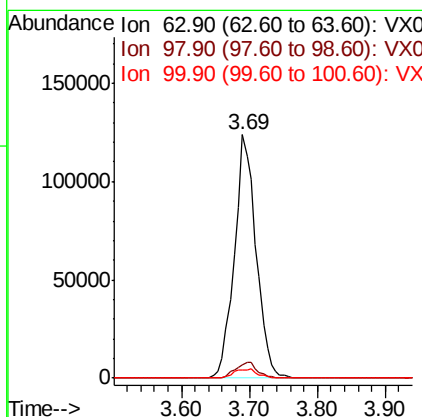
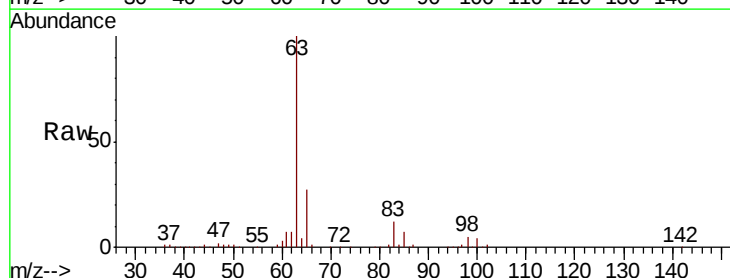
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

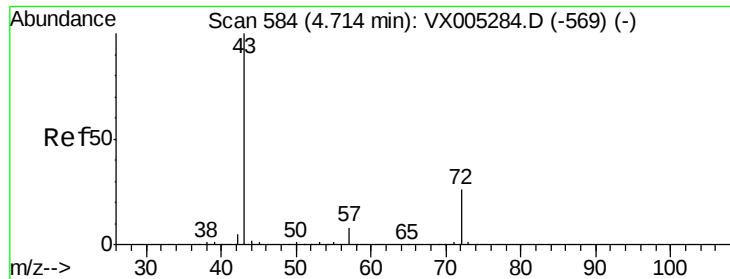
Tot Ion: 43 Resp: 2026640
 Ion Ratio Lower Upper
 43 100
 86 8.9 8.9 13.3#



#24
 1,1-Dichloroethane
 Concen: 49.474 ug/l
 RT: 3.69 min Scan# 416
 Delta R.T. 0.00 min
 Lab File: VX005398.D
 Acq: 17 Oct 2018 18:55

Tgt Ion: 63 Resp: 272323
 Ion Ratio Lower Upper
 63 100
 98 5.3 3.5 10.4
 100 3.5 2.4 7.1





#25

2-Butanone

Concen: 255.734 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX005398.D

Acq: 17 Oct 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

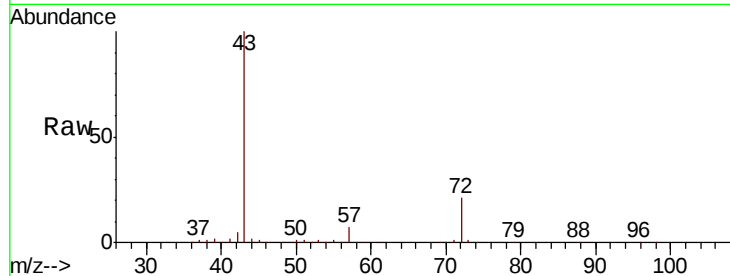
VSTDCCC050

Tot Ion: 43 Resp: 713992

Ion Ratio Lower Upper

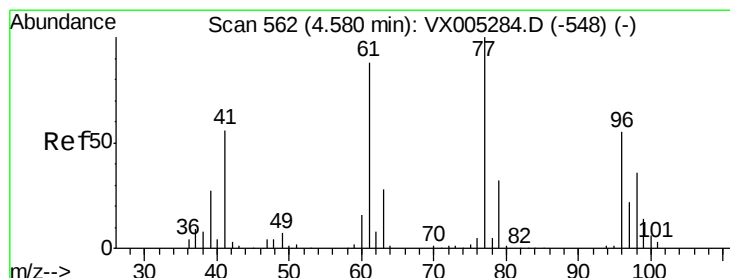
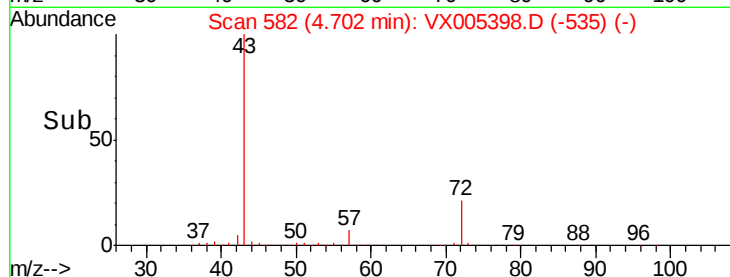
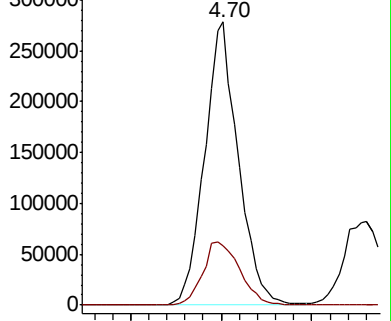
43 100

72 21.2 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: 48.263 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005398.D

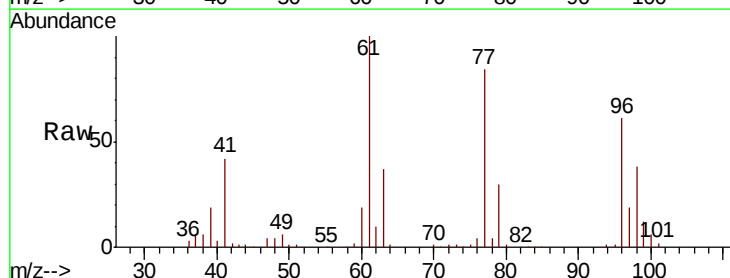
Acq: 17 Oct 2018 18:55

Tgt Ion: 77 Resp: 198683

Ion Ratio Lower Upper

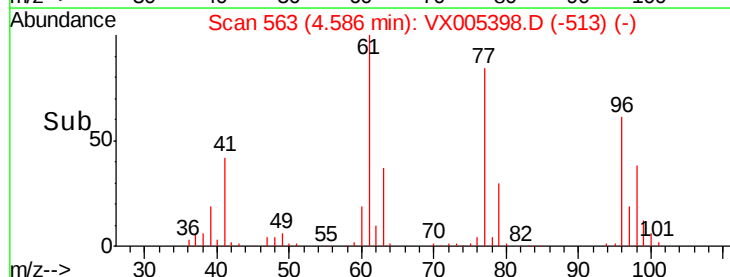
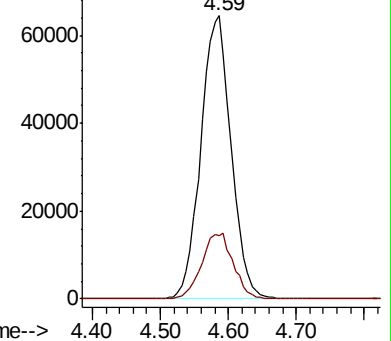
77 100

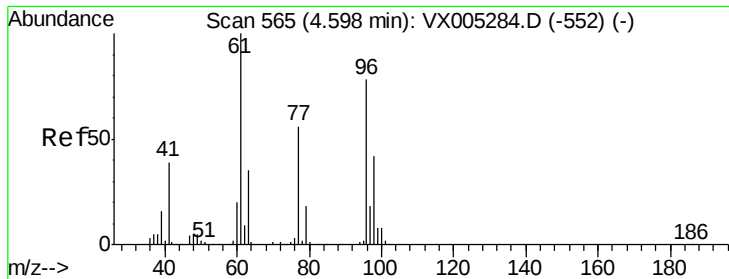
97 24.2 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



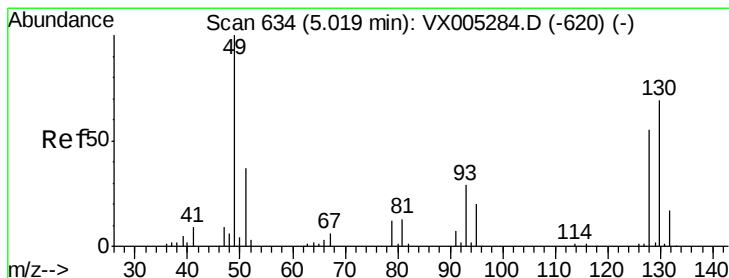
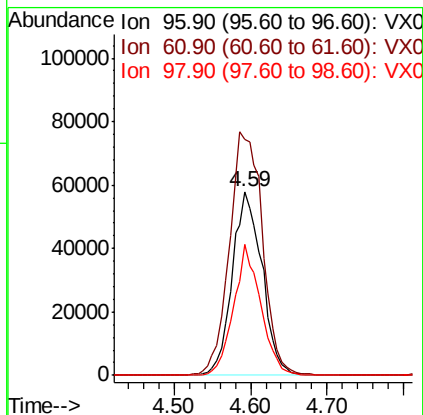
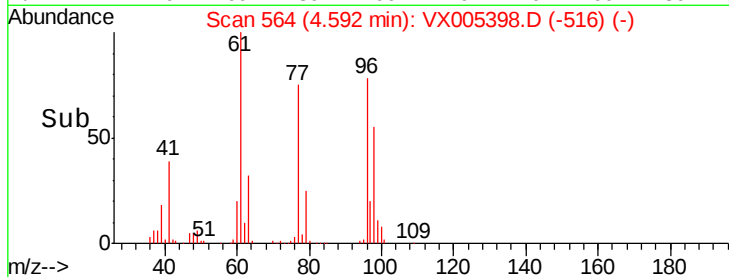
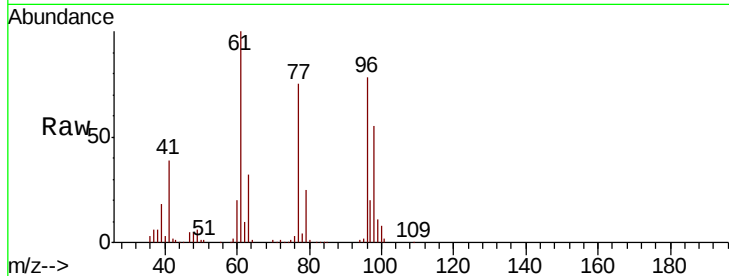


#27

cis-1,2-Dichloroethene
Concen: 49.725 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX005398.D
Acq: 17 Oct 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

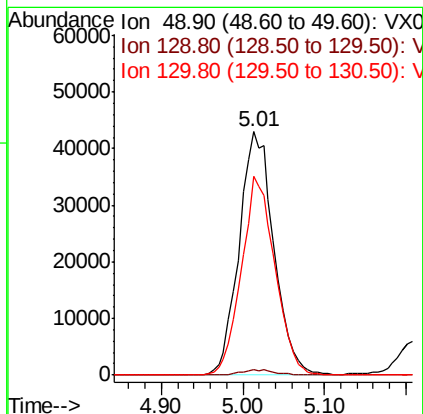
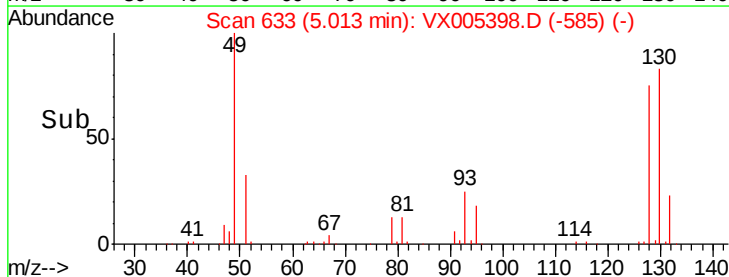
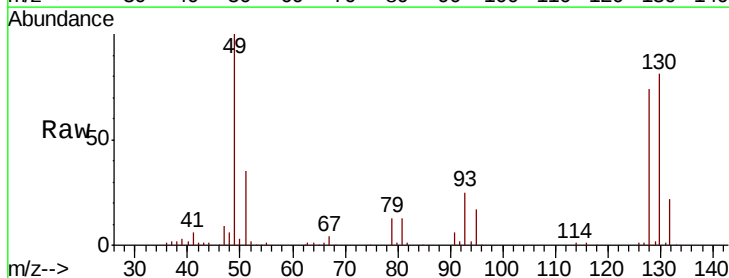
Tot Ion: 96 Resp: 155976
Ion Ratio Lower Upper
96 100
61 147.5 0.0 282.6
98 64.7 0.0 130.2

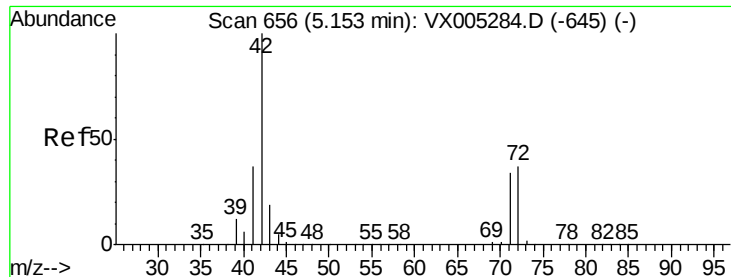


#28

Bromochloromethane
Concen: 50.570 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX005398.D
Acq: 17 Oct 2018 18:55

Tgt Ion: 49 Resp: 126895
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.2
130 79.2 67.5 101.3





#29

Tetrahydrofuran

Concen: 246.036 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX005398.D

Acq: 17 Oct 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

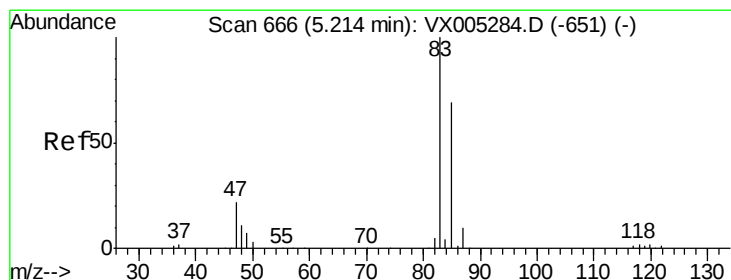
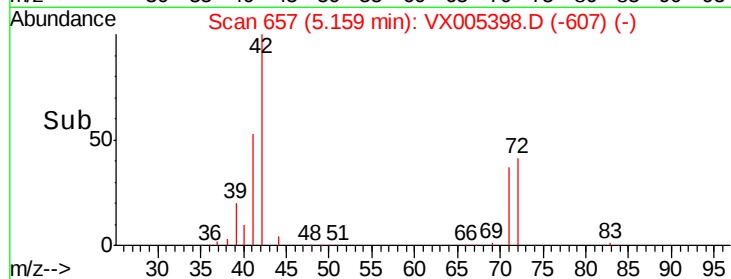
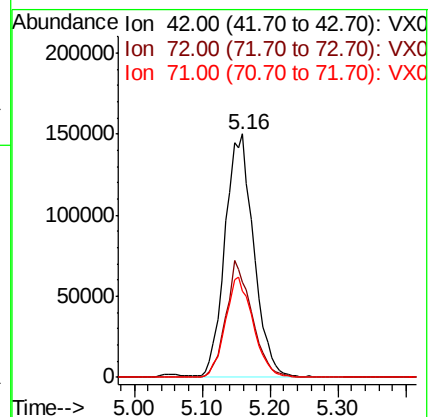
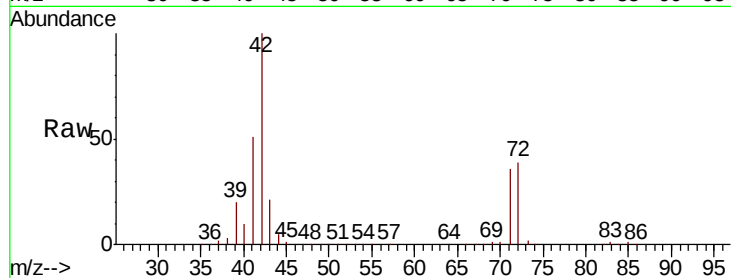
Tot Ion: 42 Resp: 438166

Ion Ratio Lower Upper

42 100

72 43.6 37.4 56.0

71 39.9 34.5 51.7



#30

Chloroform

Concen: 48.925 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX005398.D

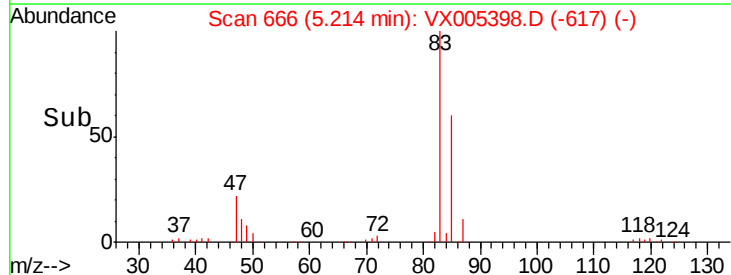
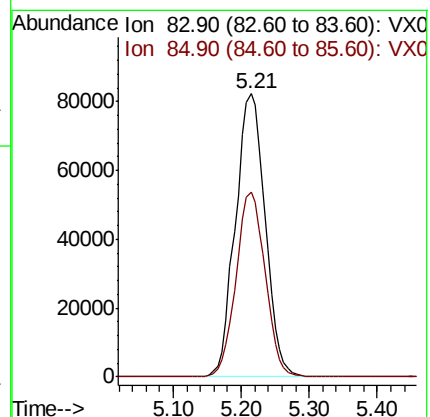
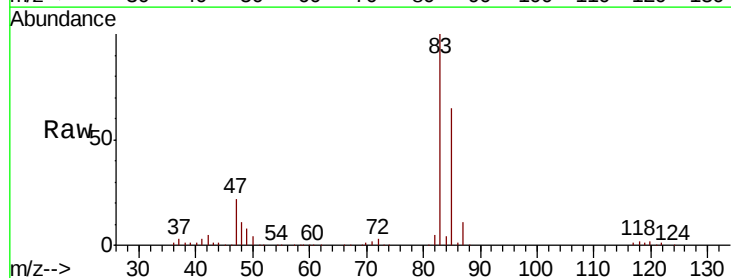
Acq: 17 Oct 2018 18:55

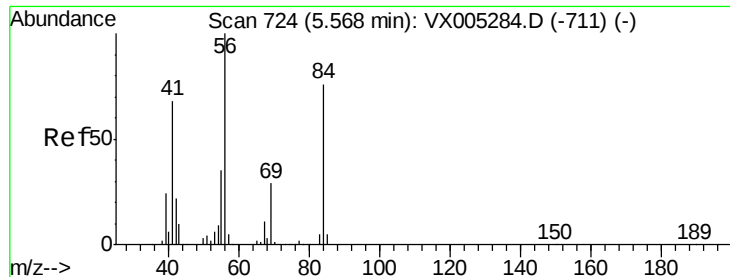
Tgt Ion: 83 Resp: 249959

Ion Ratio Lower Upper

83 100

85 65.2 52.6 79.0

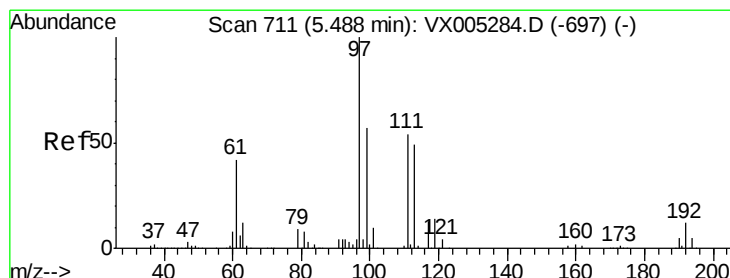
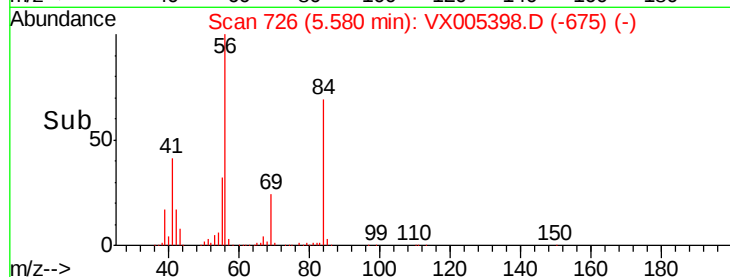
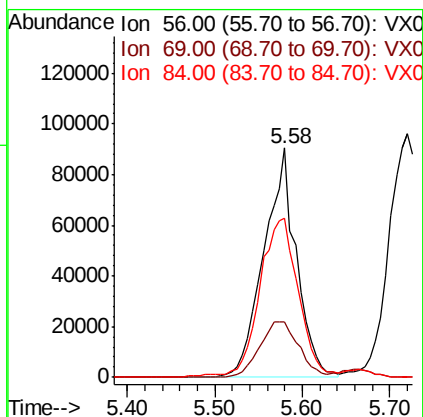
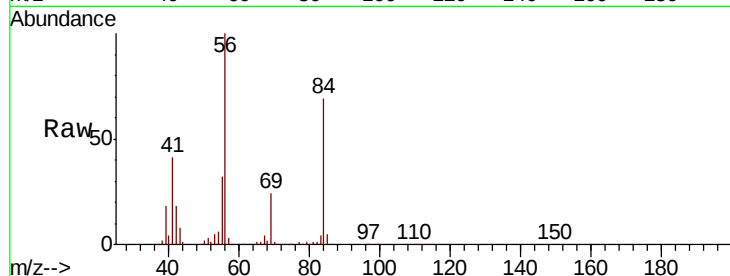




#31
Cyclohexane
Concen: 51.409 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX005398.D
Acq: 17 Oct 2018 18:55

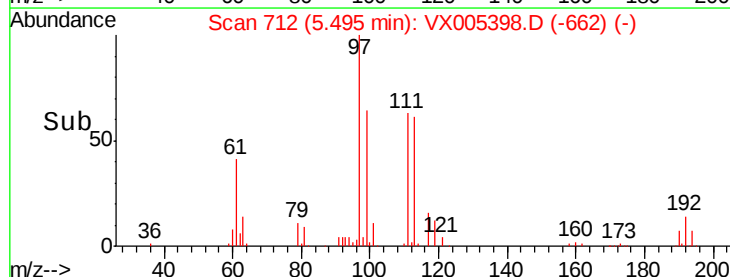
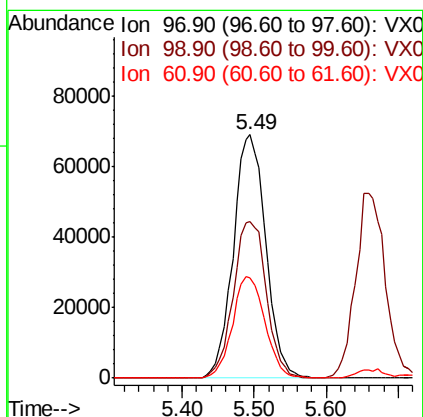
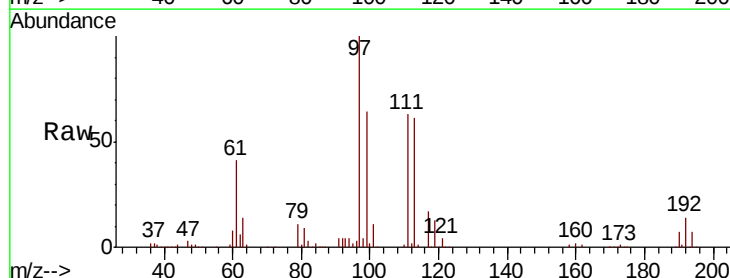
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

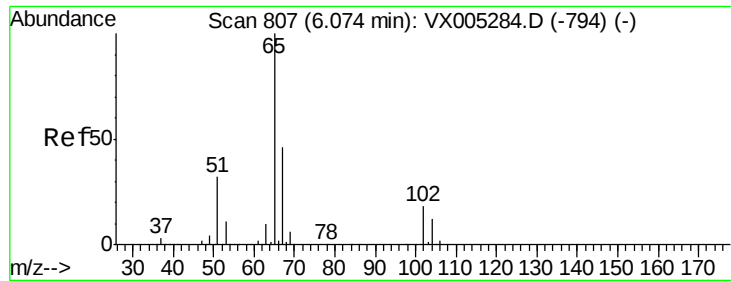
Tot Ion: 56 Resp: 233227
Ion Ratio Lower Upper
56 100
69 23.9 25.4 38.2#
84 68.8 71.4 107.2#



#32
1,1,1-Trichloroethane
Concen: 48.450 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.01 min
Lab File: VX005398.D
Acq: 17 Oct 2018 18:55

Tgt Ion: 97 Resp: 215385
Ion Ratio Lower Upper
97 100
99 65.6 52.0 78.0
61 42.1 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 44.405 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX005398.D

Acq: 17 Oct 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

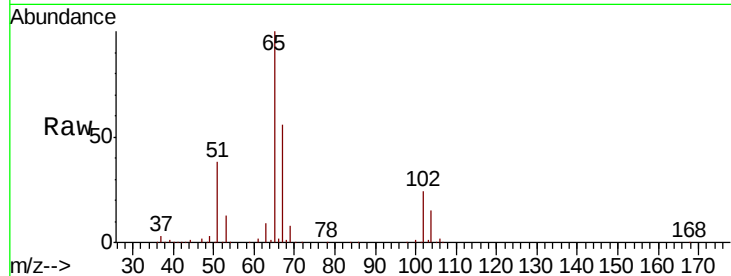
VSTDCCC050

Tot Ion: 65 Resp: 146553

Ion Ratio Lower Upper

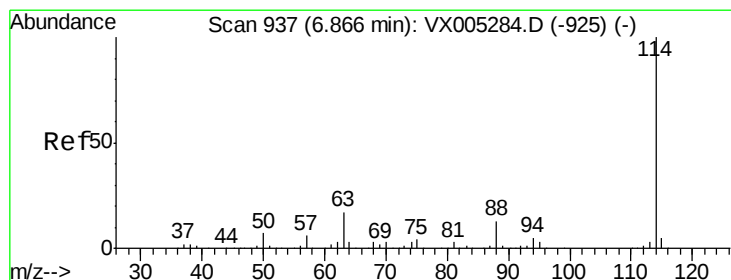
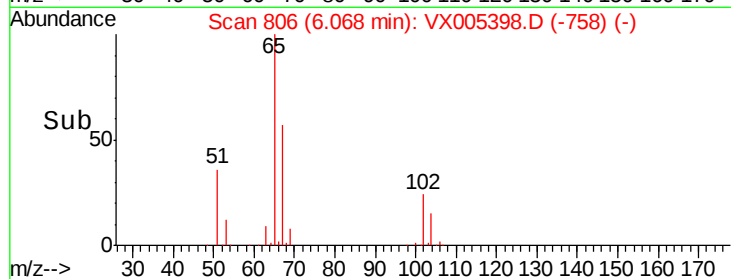
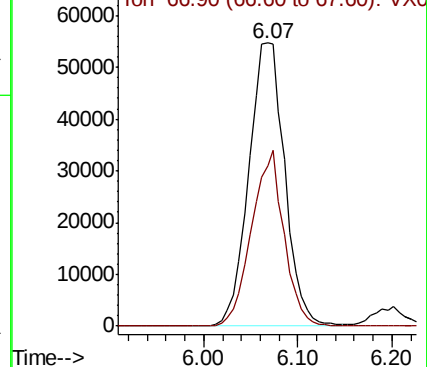
65 100

67 56.1 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.01 min

Lab File: VX005398.D

Acq: 17 Oct 2018 18:55

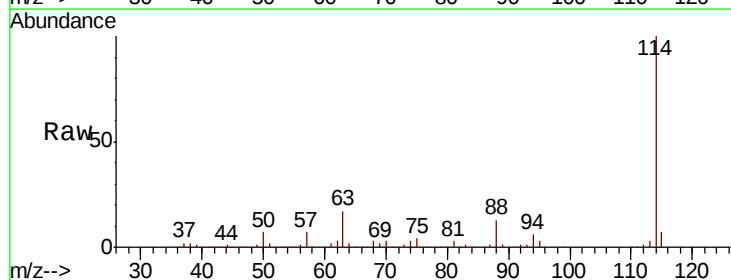
Tgt Ion: 114 Resp: 441883

Ion Ratio Lower Upper

114 100

63 16.8 0.0 39.0

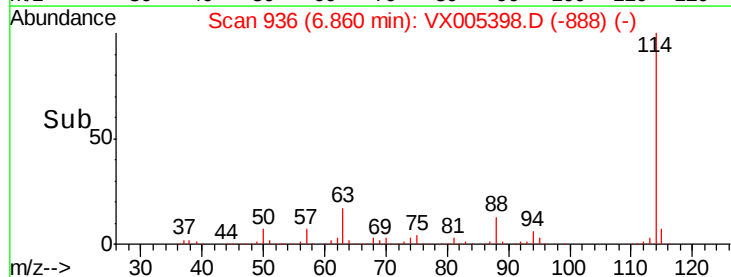
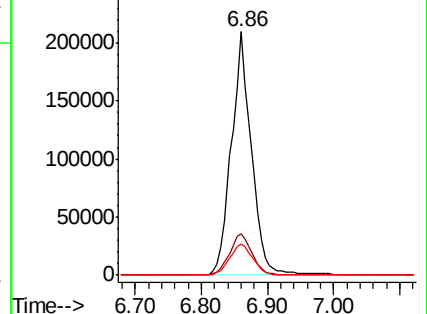
88 13.0 0.0 30.4

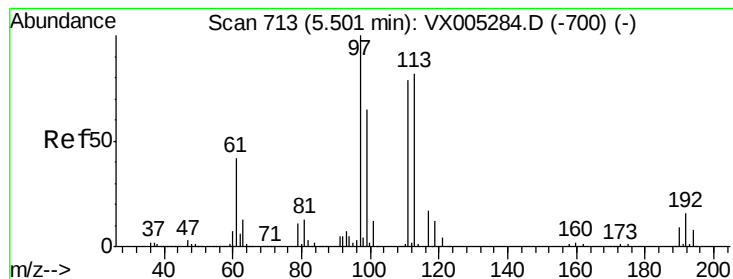


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 42.935 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX005398.D

Acq: 17 Oct 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

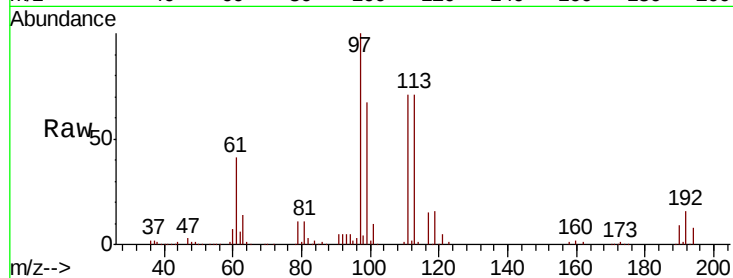
Tot Ion:113 Resp: 125657

Ion Ratio Lower Upper

113 100

111 101.2 82.4 123.6

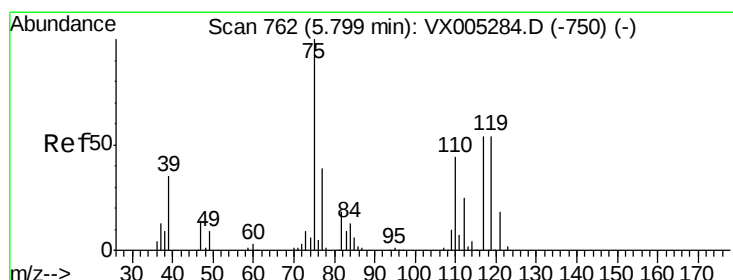
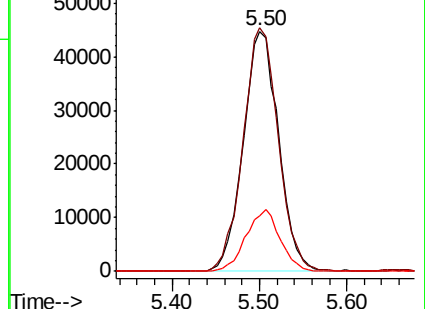
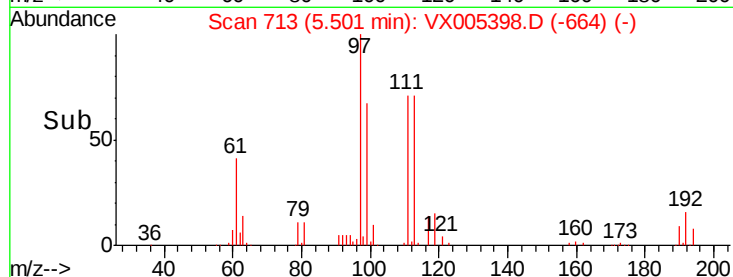
192 24.9 19.4 29.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 44.754 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX005398.D

Acq: 17 Oct 2018 18:55

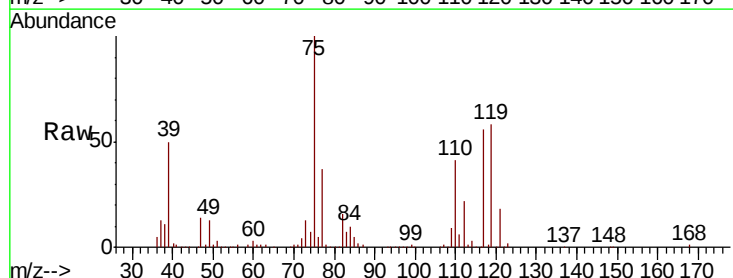
Tgt Ion: 75 Resp: 191531

Ion Ratio Lower Upper

75 100

110 37.0 18.0 54.0

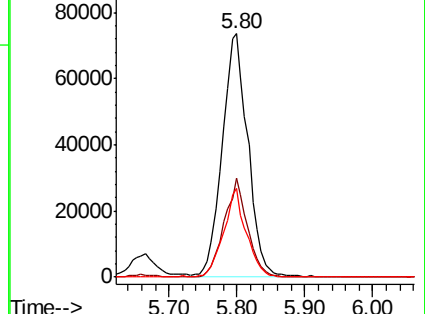
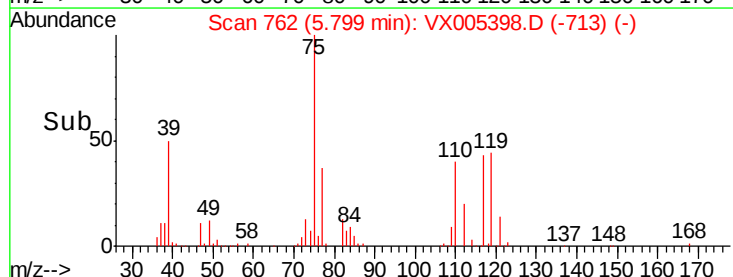
77 31.6 24.6 36.8

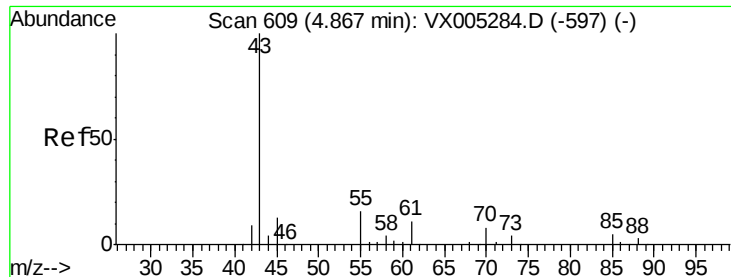


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

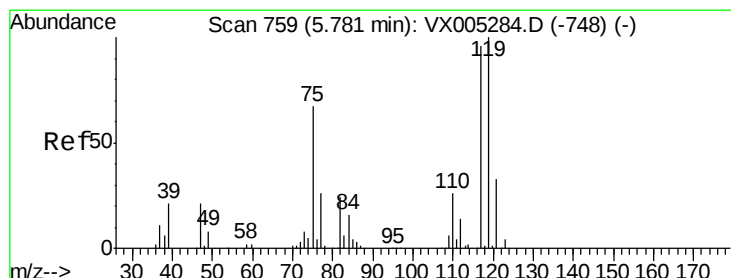
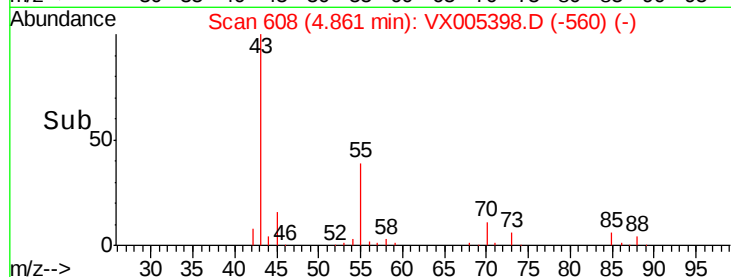
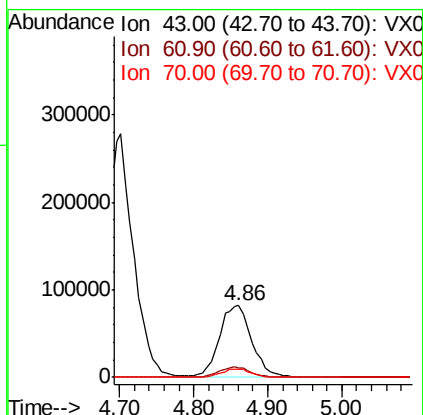
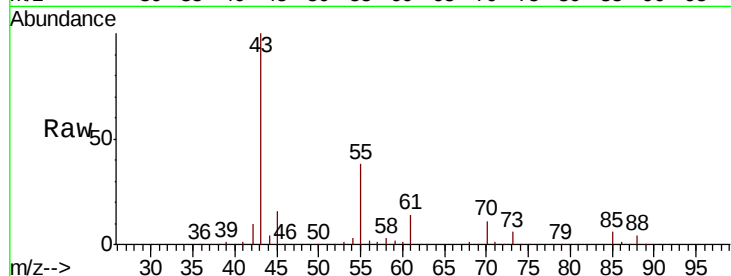




#37
Ethyl Acetate
Concen: 44.833 ug/l
RT: 4.86 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX005398.D
Acq: 17 Oct 2018 18:55

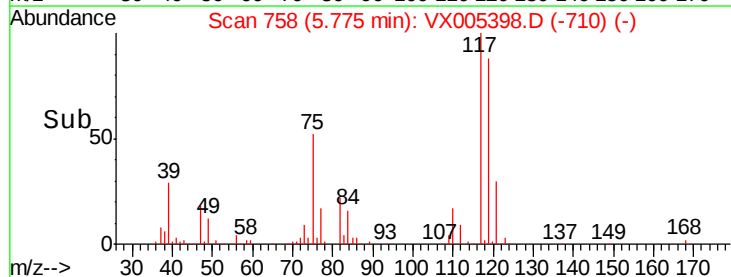
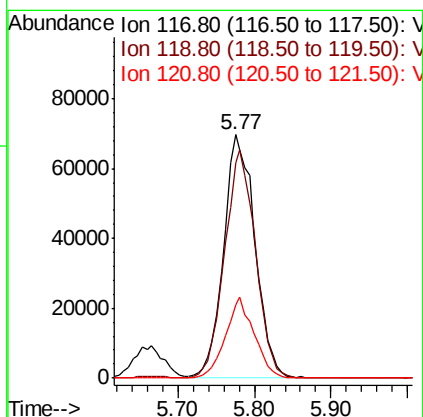
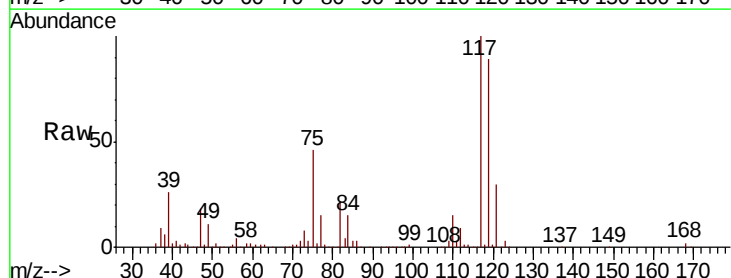
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

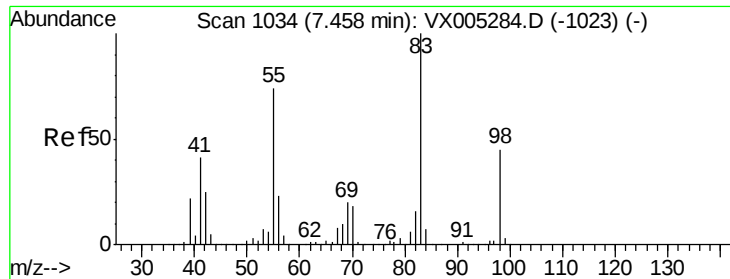
Tot Ion: 43 Resp: 246747
Ion Ratio Lower Upper
43 100
61 14.3 11.5 17.3
70 10.8 9.0 13.6



#38
Carbon Tetrachloride
Concen: 45.968 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX005398.D
Acq: 17 Oct 2018 18:55

Tgt Ion: 117 Resp: 197667
Ion Ratio Lower Upper
117 100
119 88.7 78.8 118.2
121 30.2 24.9 37.3

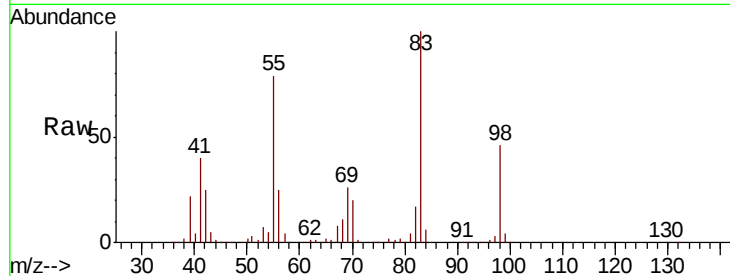




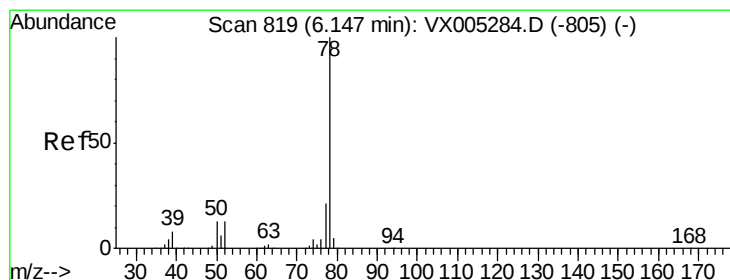
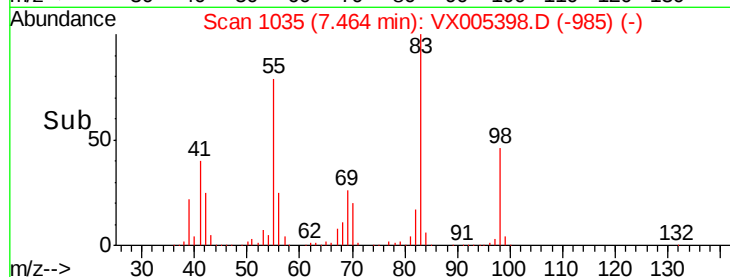
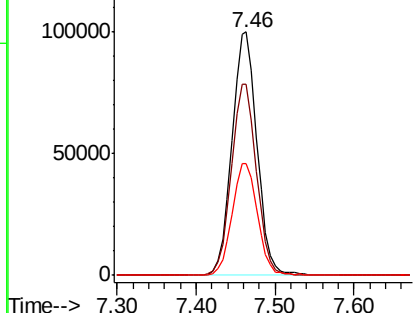
#39
Methvlcvclohexane
Concen: 47.480 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005398.D
Acq: 17 Oct 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 219916
Ion Ratio Lower Upper
83 100
55 78.6 61.0 91.4
98 46.2 39.6 59.4

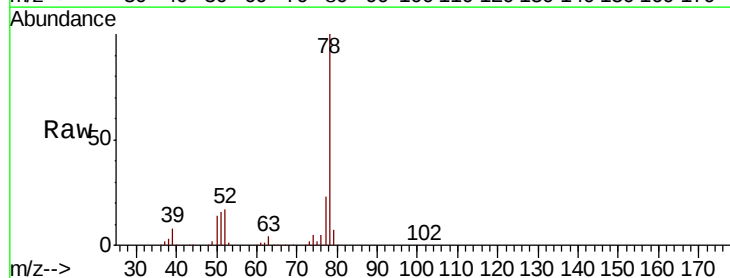


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

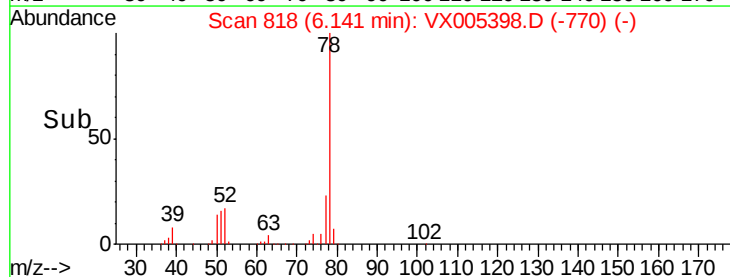
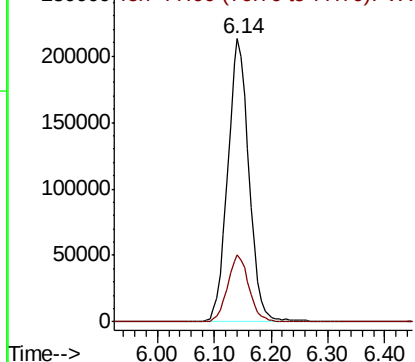


#40
Benzene
Concen: 43.059 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX005398.D
Acq: 17 Oct 2018 18:55

Tgt Ion: 78 Resp: 552791
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

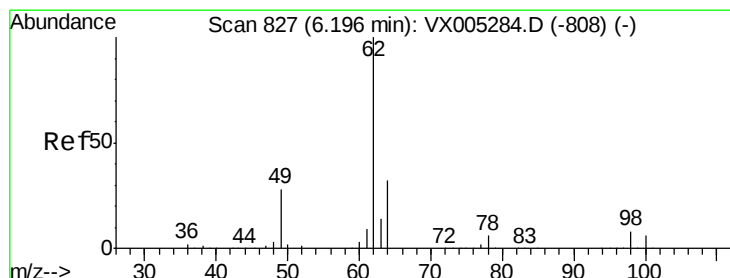
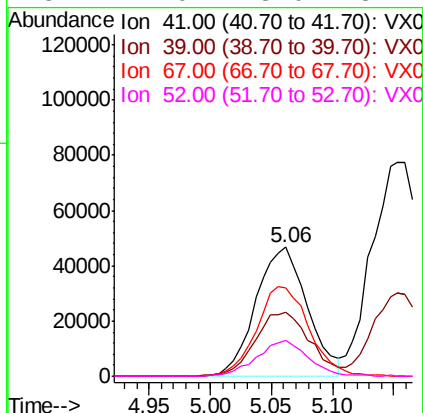
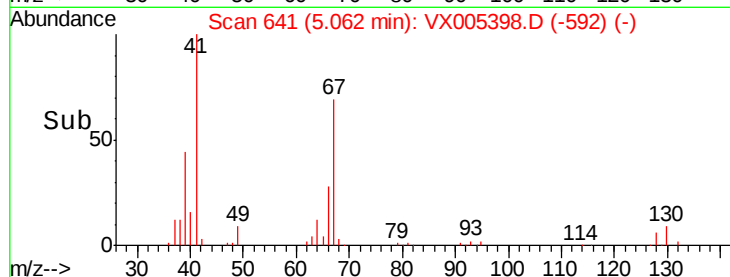
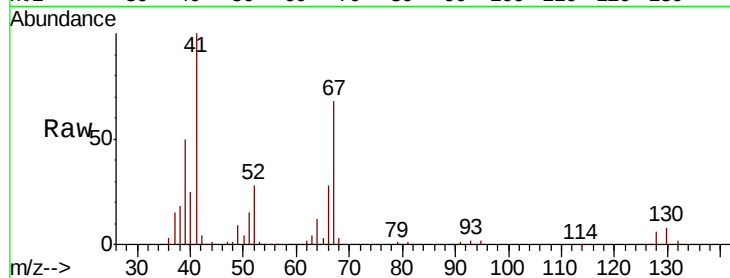




#41
Methacrylonitrile
Concen: 46.220 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX005398.D
Acq: 17 Oct 2018 18:55

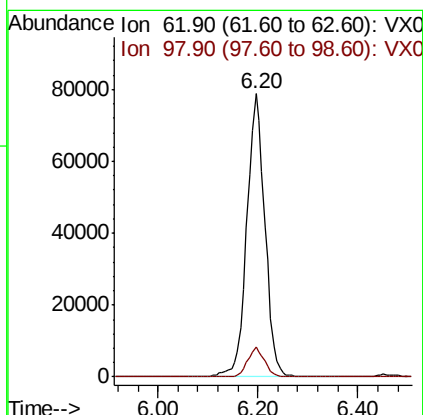
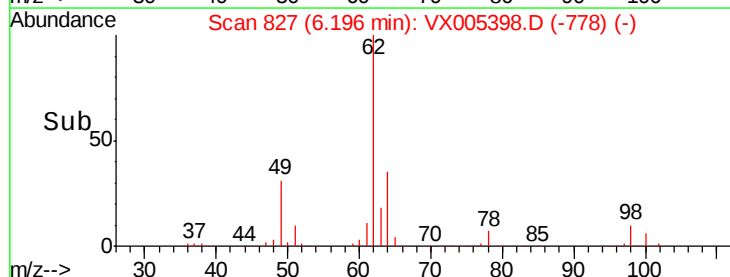
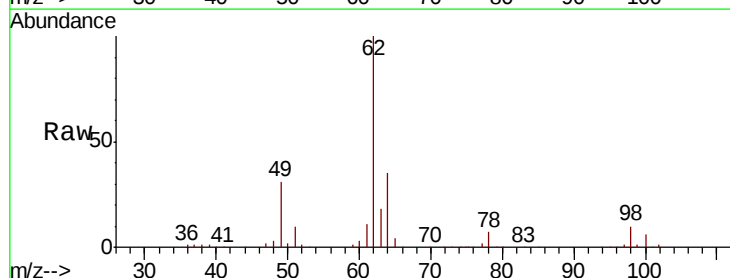
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

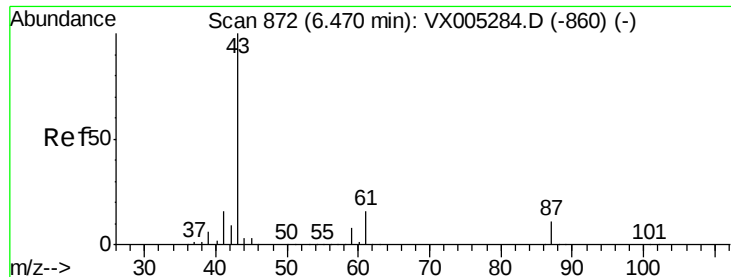
Tot Ion:	41	Resp:	136374
Ion	Ratio	Lower	Upper
41	100		
39	52.1	42.4	63.6
67	71.1	59.2	88.8
52	27.0	23.0	34.4



#42
1,2-Dichloroethane
Concen: 43.868 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX005398.D
Acq: 17 Oct 2018 18:55

Tgt Ion:	62	Resp:	198855
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	20.6



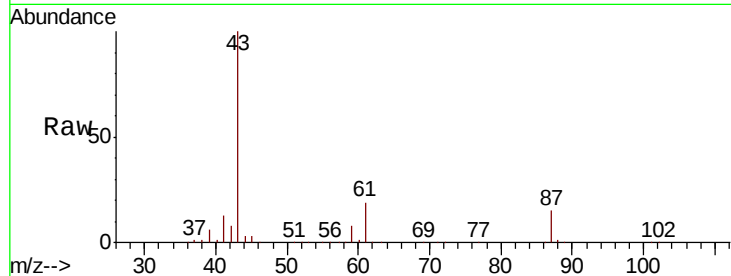


#43

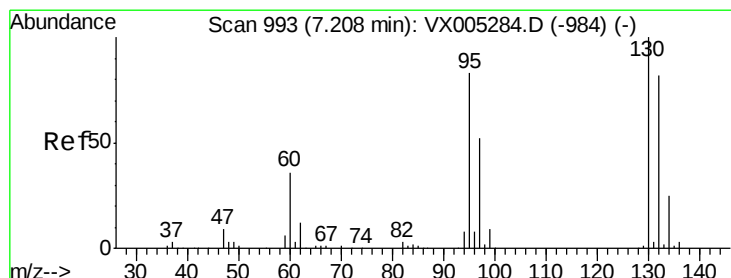
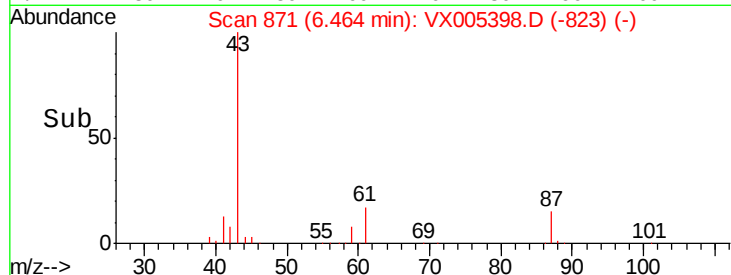
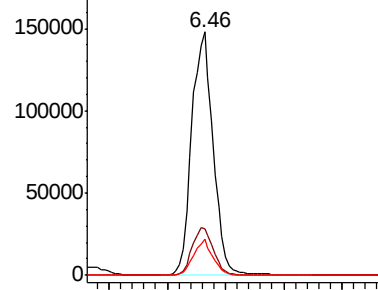
Isopropyl Acetate
 Concen: 51.314 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: VX005398.D
 Acq: 17 Oct 2018 18:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 376201
 Ion Ratio Lower Upper
 43 100
 61 19.6 17.0 25.4
 87 13.3 11.4 17.2



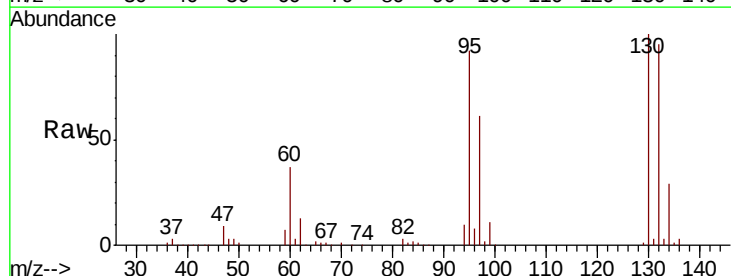
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



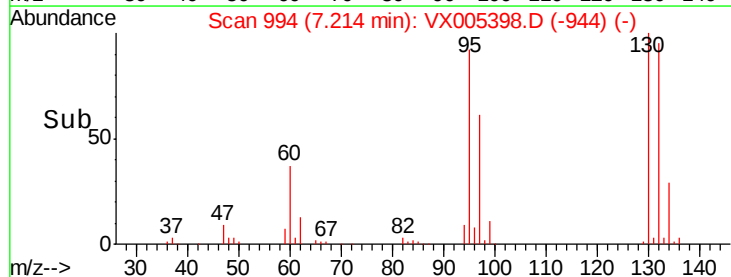
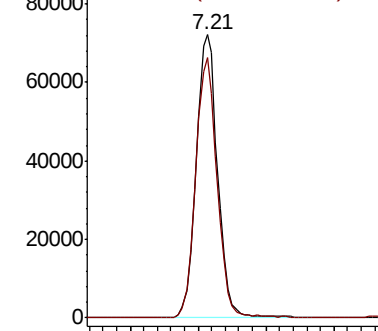
#44

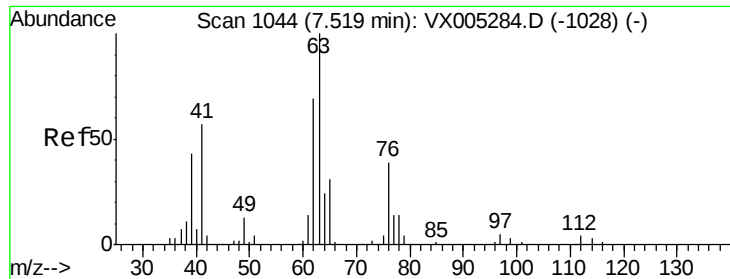
Trichloroethene
 Concen: 47.985 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX005398.D
 Acq: 17 Oct 2018 18:55

Tgt Ion:130 Resp: 157375
 Ion Ratio Lower Upper
 130 100
 95 91.9 0.0 181.6



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

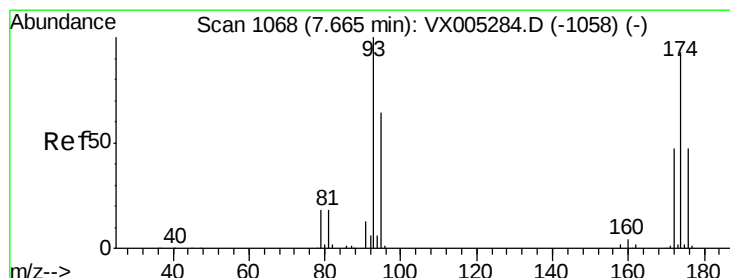
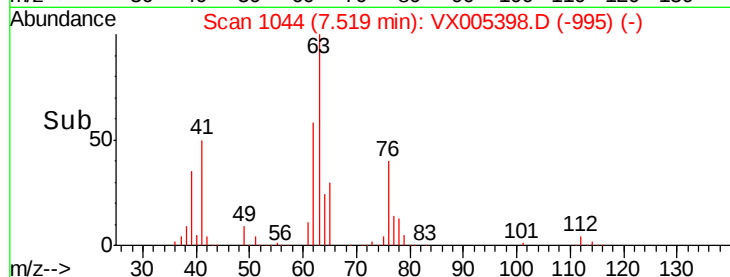
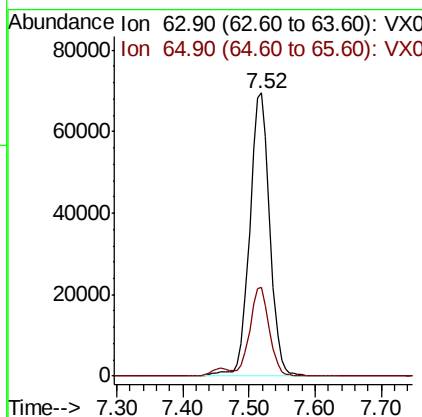
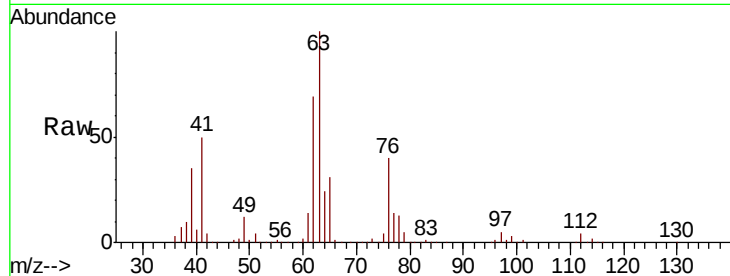




#45
 1,2-Dichloropropane
 Concen: 47.042 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX005398.D
 Acq: 17 Oct 2018 18:55

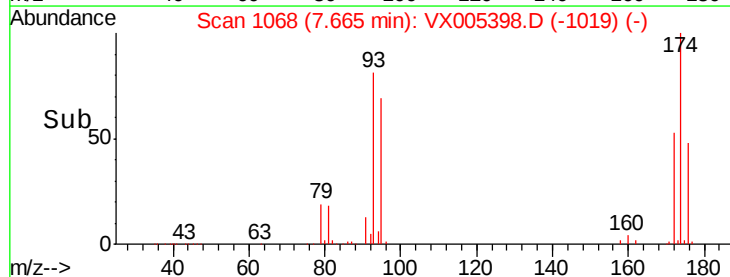
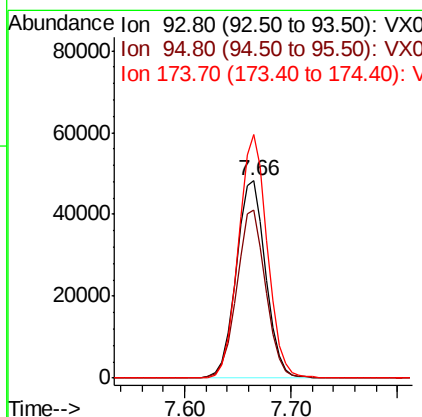
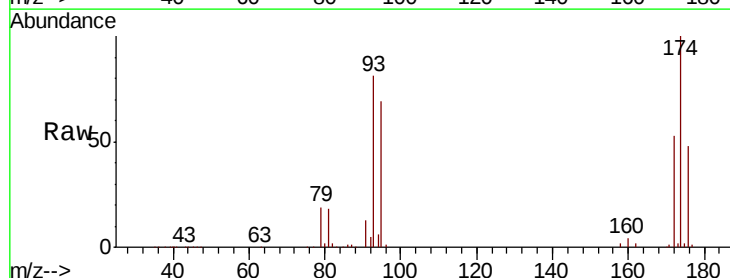
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

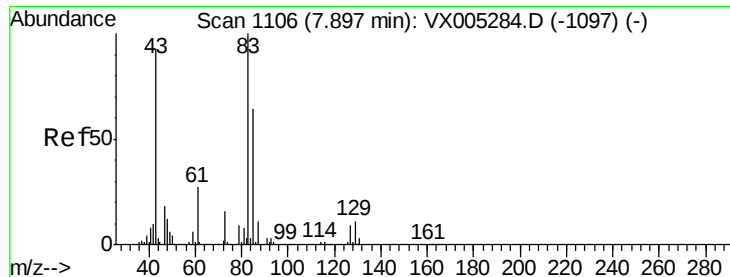
Tot Ion: 63 Resp: 148140
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.3 36.5



#46
 Dibromomethane
 Concen: 45.277 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX005398.D
 Acq: 17 Oct 2018 18:55

Tgt Ion: 93 Resp: 94107
 Ion Ratio Lower Upper
 93 100
 95 83.6 65.5 98.3
 174 120.3 94.2 141.4





#47

Bromodichloromethane

Concen: 47.619 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX005398.D

Acq: 17 Oct 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

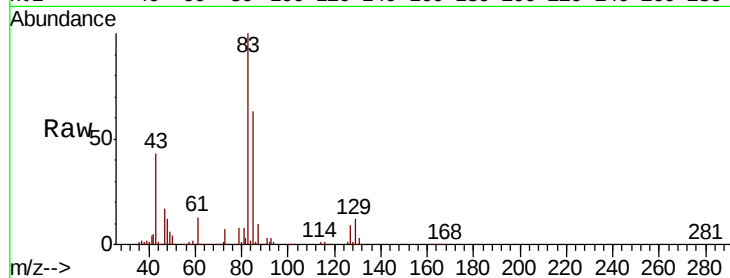
Tot Ion: 83 Resp: 183073

Ion Ratio Lower Upper

83 100

85 62.9 50.9 76.3

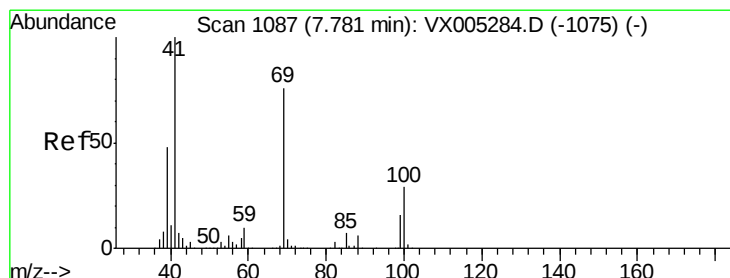
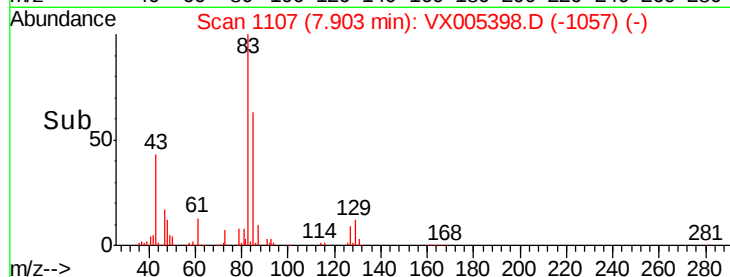
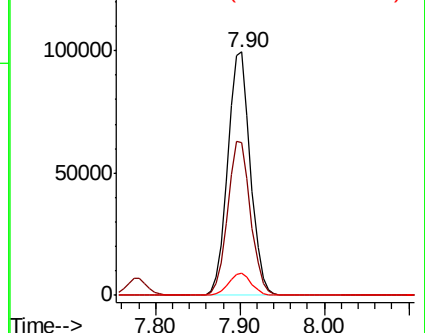
127 9.0 7.3 10.9



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: 48.462 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX005398.D

Acq: 17 Oct 2018 18:55

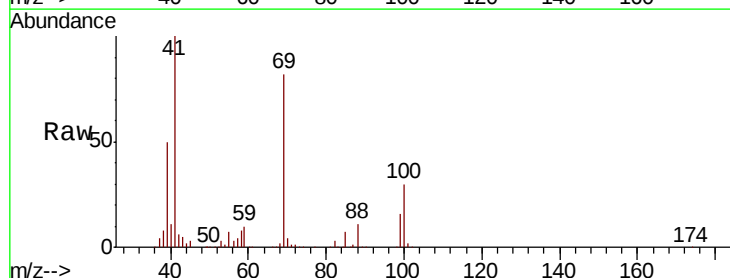
Tgt Ion: 41 Resp: 184275

Ion Ratio Lower Upper

41 100

69 83.5 70.2 105.4

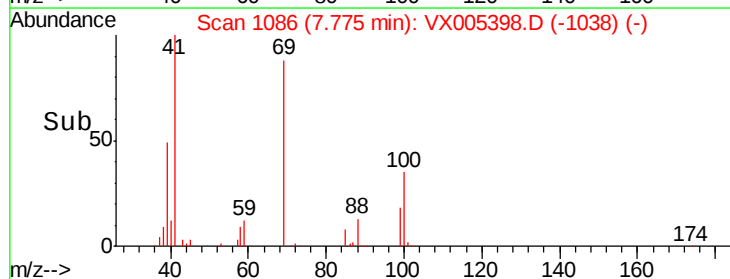
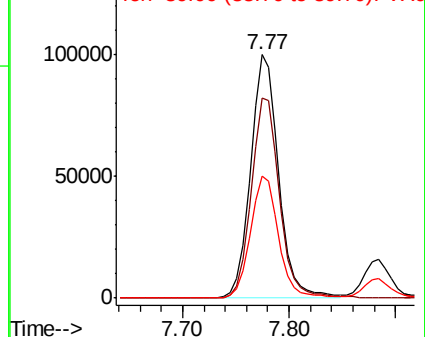
39 50.2 42.7 64.1

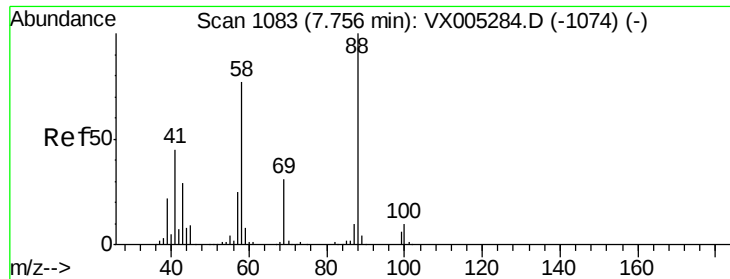


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

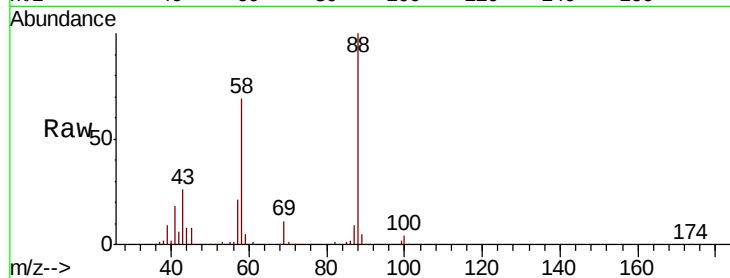




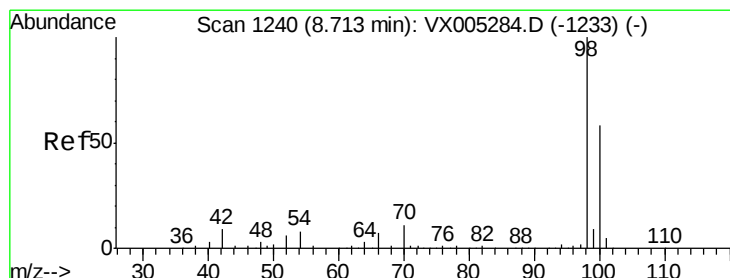
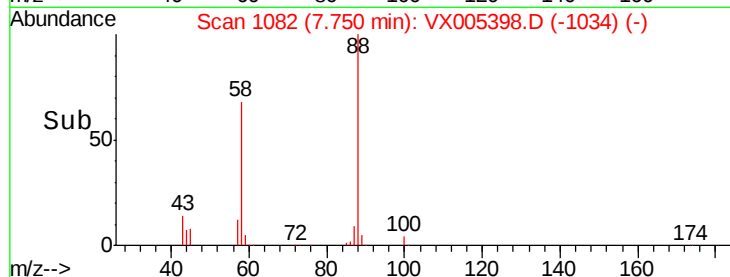
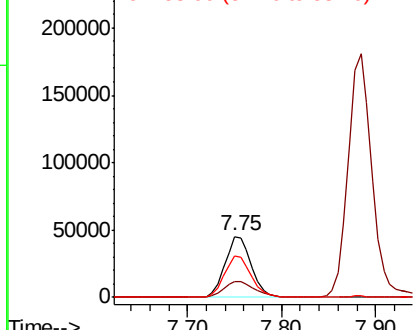
#49
1,4-Dioxane
Concen: 982.706 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005398.D
Acq: 17 Oct 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 86186
Ion Ratio Lower Upper
88 100
43 31.4 24.7 37.1
58 71.1 55.3 82.9

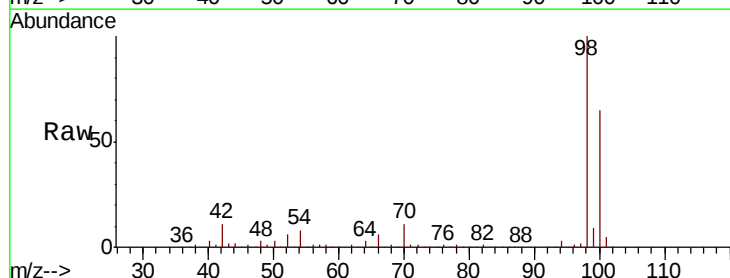


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

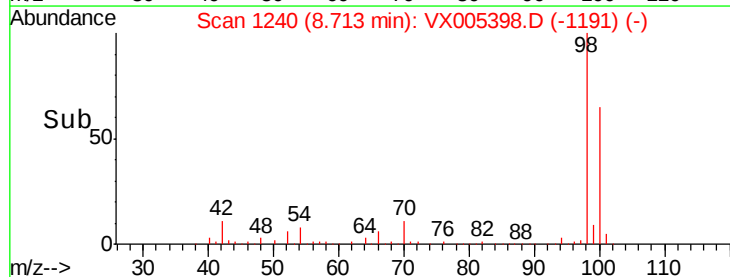
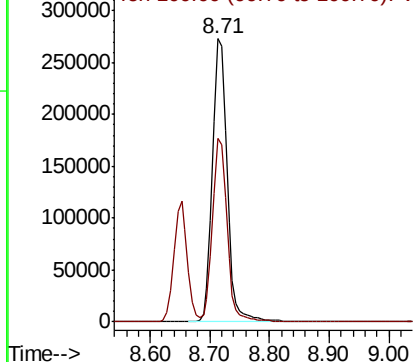


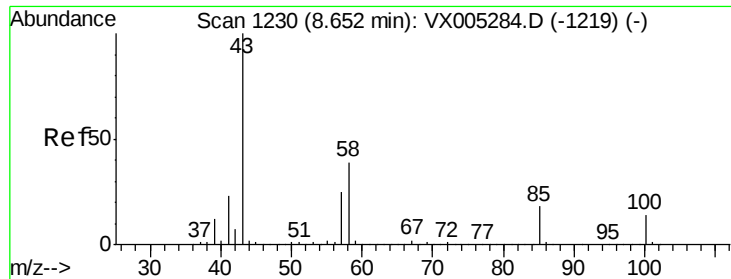
#50
Toluene-d8
Concen: 46.019 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX005398.D
Acq: 17 Oct 2018 18:55

Tgt Ion: 98 Resp: 462384
Ion Ratio Lower Upper
98 100
100 64.6 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 245.989 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VX005398.D

Acq: 17 Oct 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

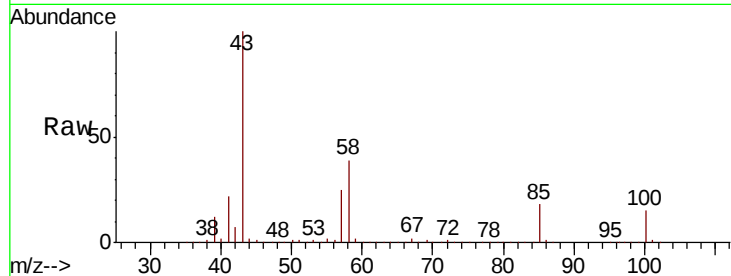
VSTDCCC050

Tot Ion: 43 Resp: 1248736

Ion Ratio Lower Upper

43 100

58 39.3 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

800000

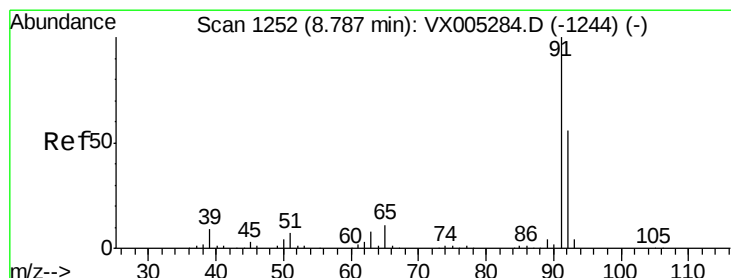
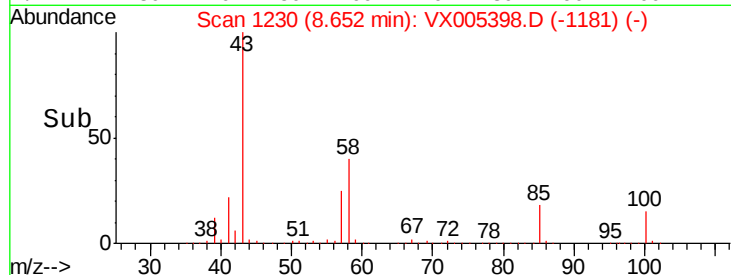
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 49.520 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX005398.D

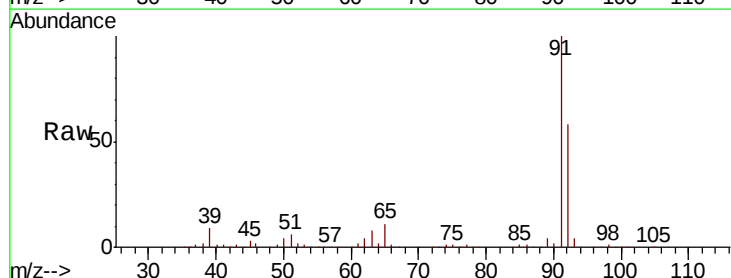
Acq: 17 Oct 2018 18:55

Tgt Ion: 92 Resp: 347807

Ion Ratio Lower Upper

92 100

91 173.8 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

400000

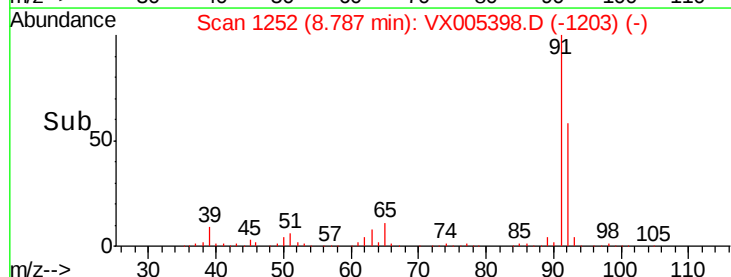
300000

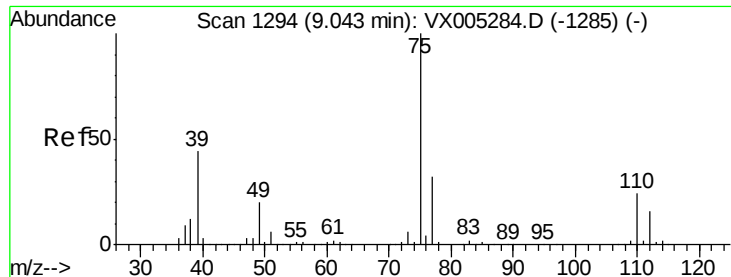
200000

100000

0

Time-->

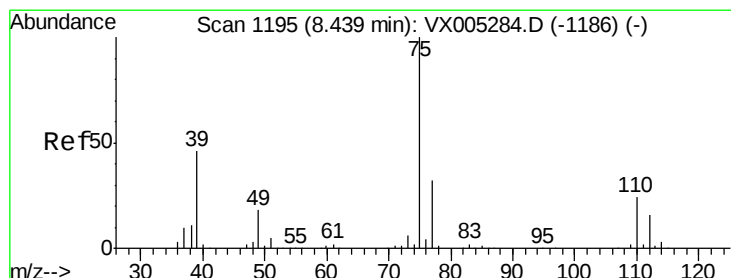
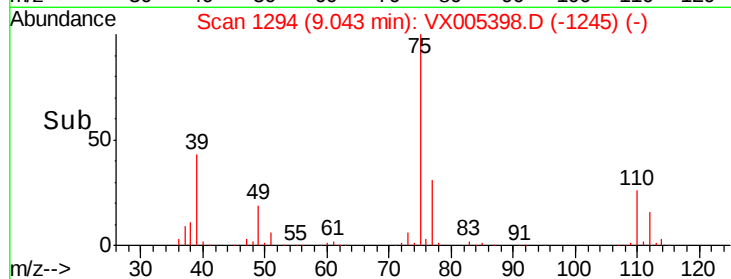
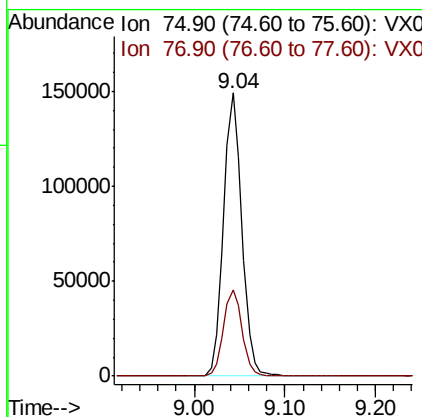
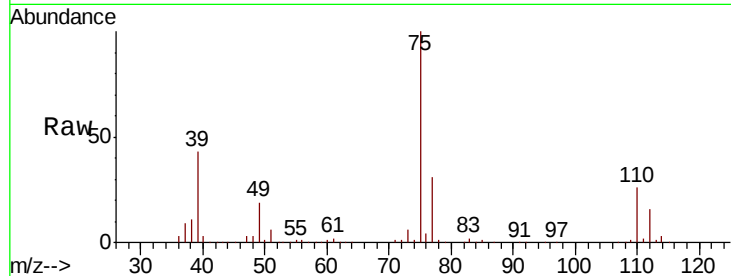




#53
 t-1,3-Dichloropropene
 Concen: 50.538 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX005398.D
 Acq: 17 Oct 2018 18:55

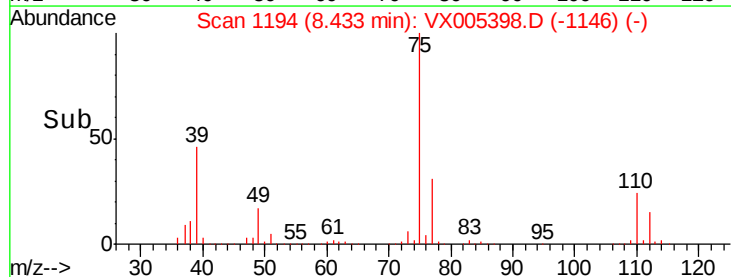
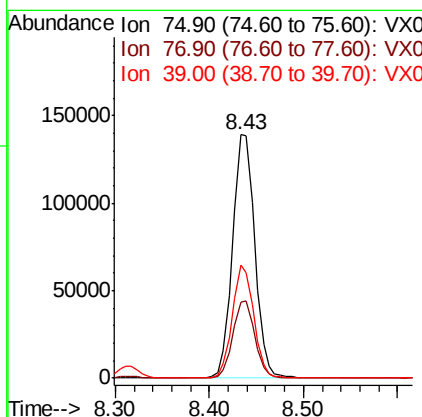
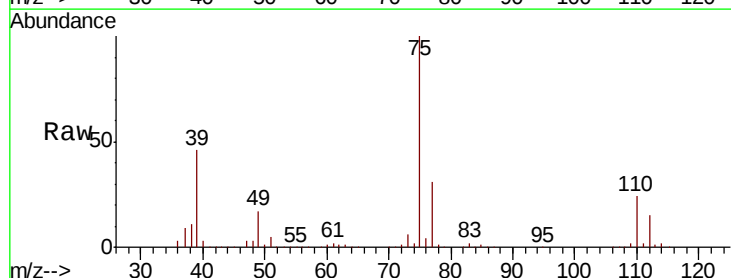
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

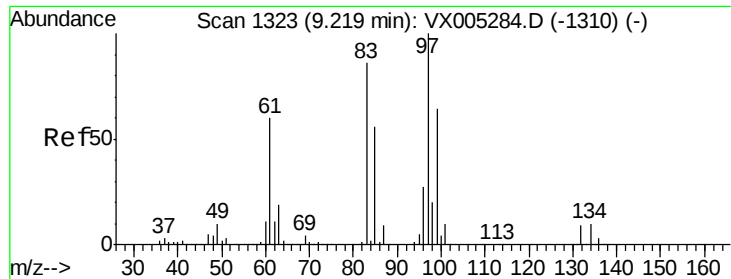
Tot Ion: 75 Resp: 210270
 Ion Ratio Lower Upper
 75 100
 77 30.5 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 50.759 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: VX005398.D
 Acq: 17 Oct 2018 18:55

Tgt Ion: 75 Resp: 228828
 Ion Ratio Lower Upper
 75 100
 77 31.1 26.2 39.2
 39 46.3 36.4 54.6

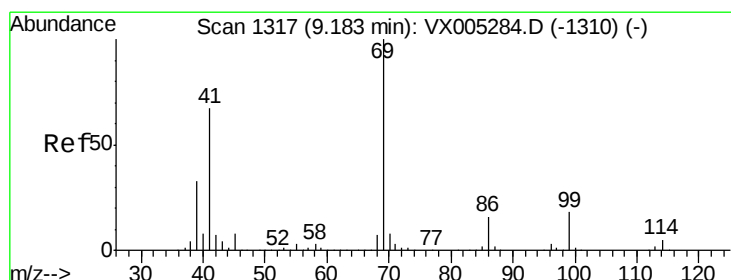
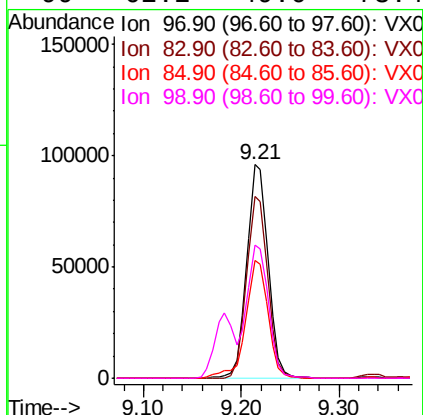
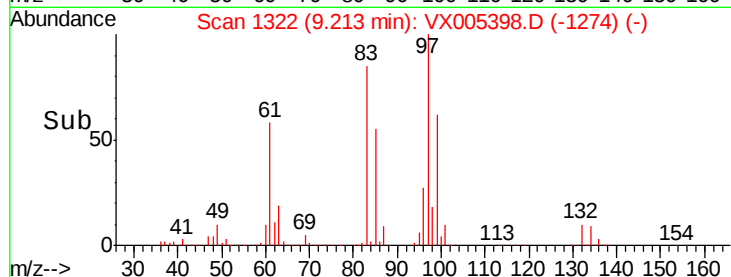
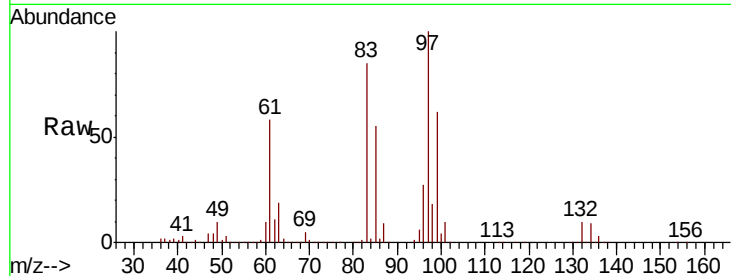




#55
 1,1,2-Trichloroethane
 Concen: 49.010 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: VX005398.D
 Acq: 17 Oct 2018 18:55

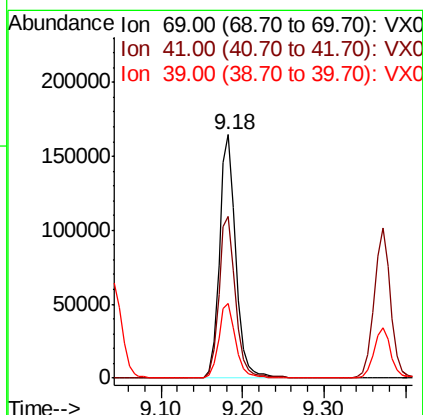
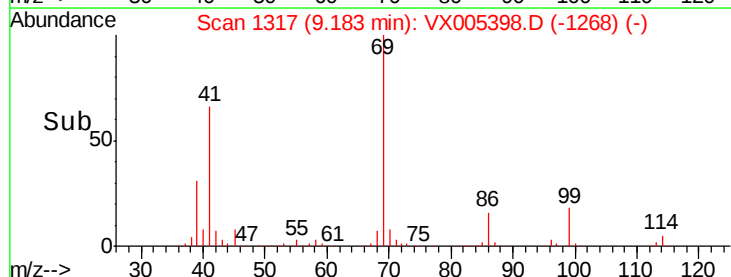
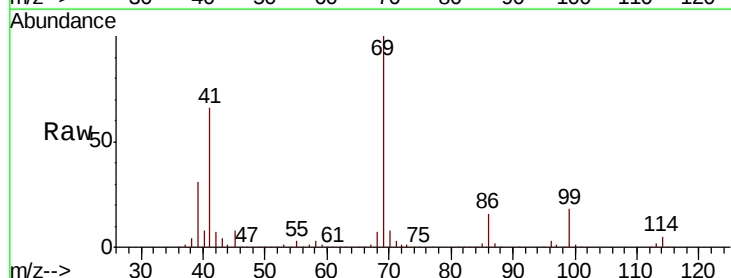
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	145799
Ion	Ratio	Lower	Upper
97	100		
83	85.0	66.4	99.6
85	55.1	43.3	64.9
99	62.2	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 53.287 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005398.D
 Acq: 17 Oct 2018 18:55

Tgt Ion:	69	Resp:	231093
Ion	Ratio	Lower	Upper
69	100		
41	67.9	51.0	76.4
39	31.6	26.1	39.1





#57

1,3-Dichloropropane

Concen: 48.344 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX005398.D

Acq: 17 Oct 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

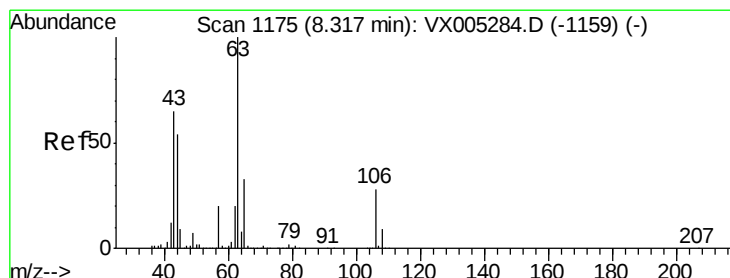
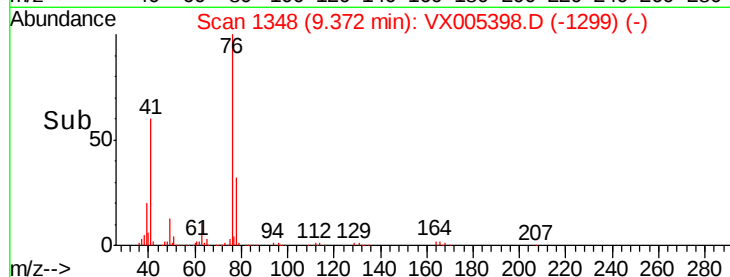
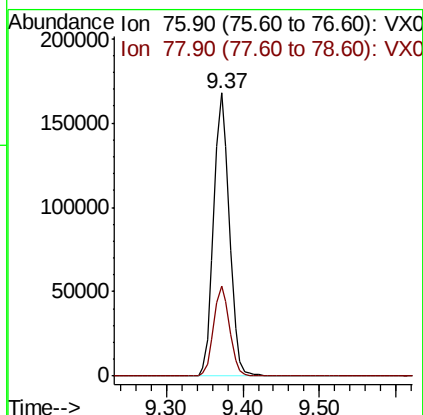
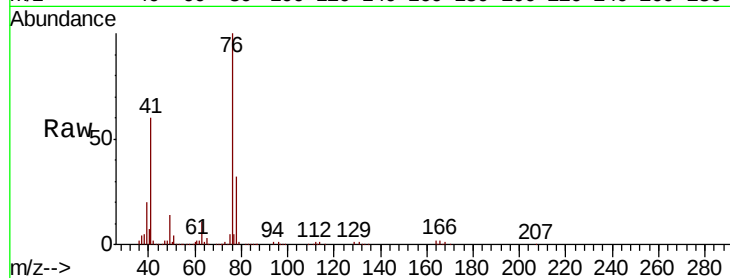
VSTDCCC050

Tot Ion: 76 Resp: 240040

Ion Ratio Lower Upper

76 100

78 32.1 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 260.498 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VX005398.D

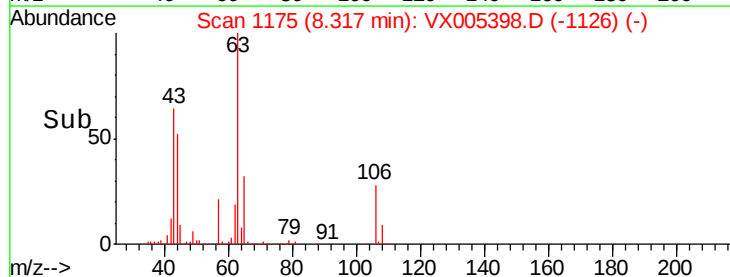
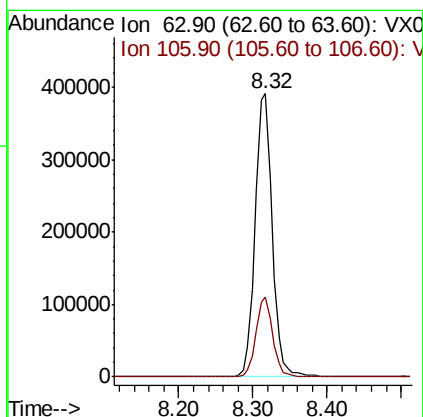
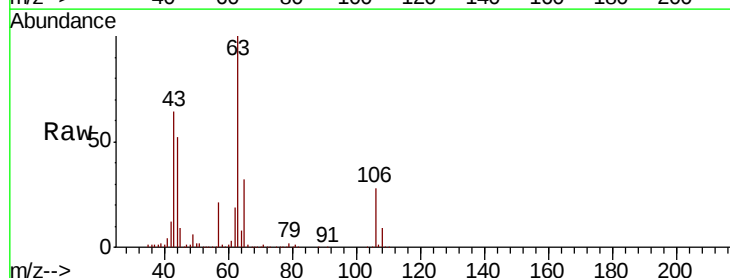
Acq: 17 Oct 2018 18:55

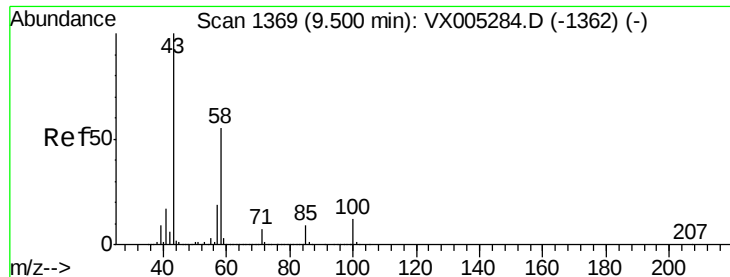
Tgt Ion: 63 Resp: 633565

Ion Ratio Lower Upper

63 100

106 27.6 23.9 35.9

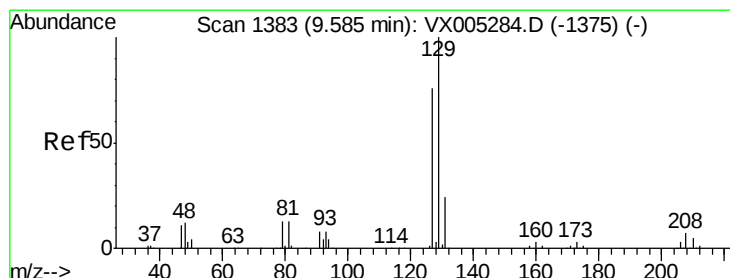
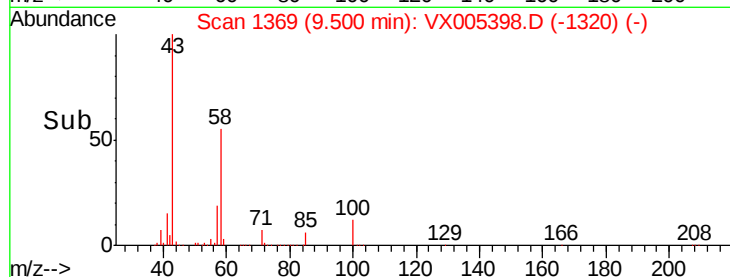
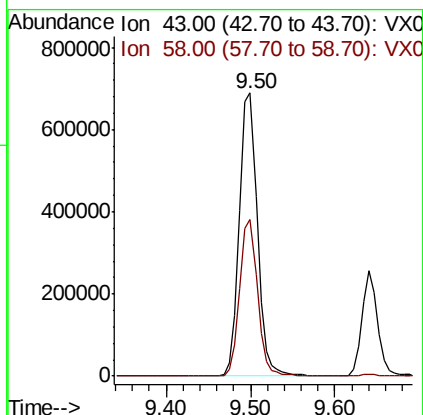
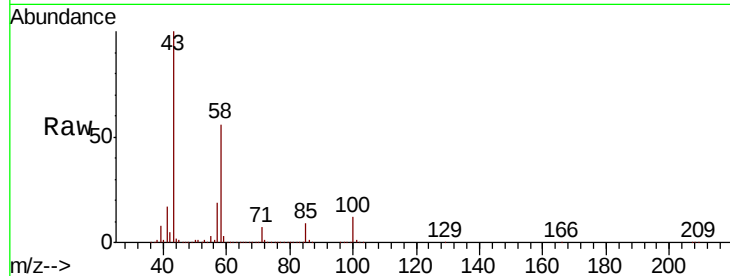




#59
2-Hexanone
Concen: 242.531 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX005398.D
Acq: 17 Oct 2018 18:55

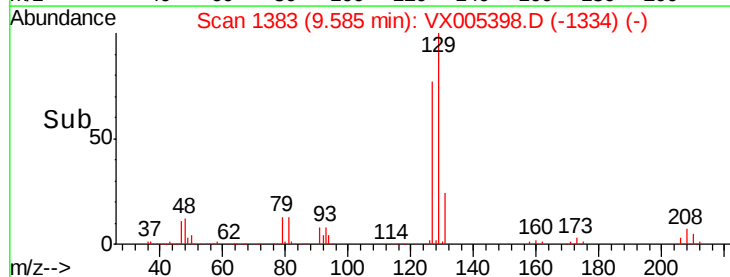
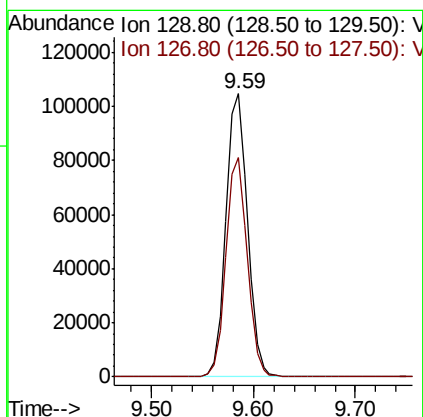
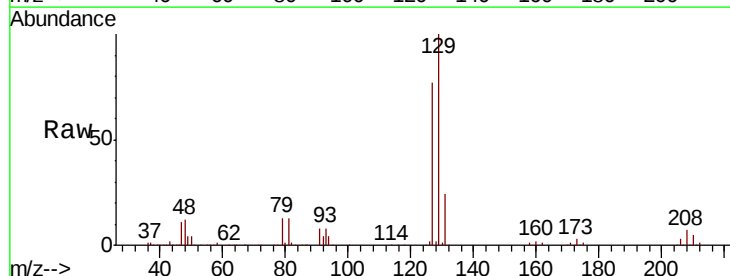
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

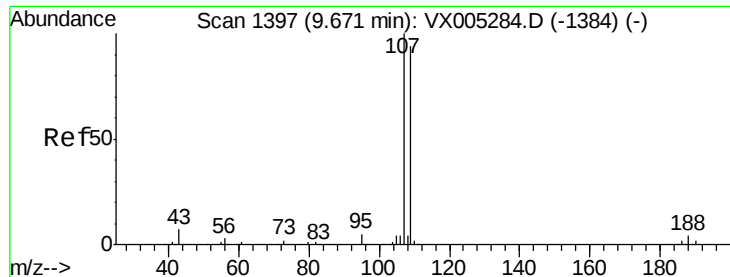
Tot Ion: 43 Resp: 990368
Ion Ratio Lower Upper
43 100
58 54.6 29.0 87.0



#60
Dibromochloromethane
Concen: 49.619 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005398.D
Acq: 17 Oct 2018 18:55

Tgt Ion: 129 Resp: 152579
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.5





#61

1,2-Dibromoethane

Concen: 48.059 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX005398.D

Acq: 17 Oct 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

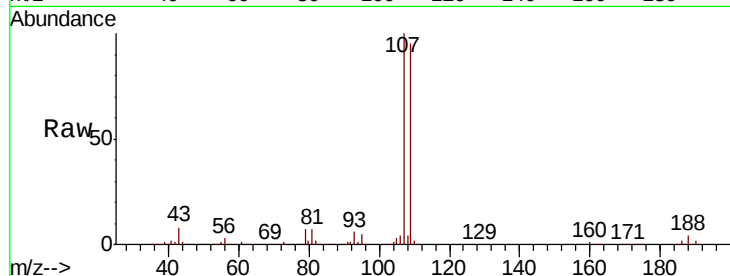
VSTDCCC050

Tot Ion:107 Resp: 150040

Ion Ratio Lower Upper

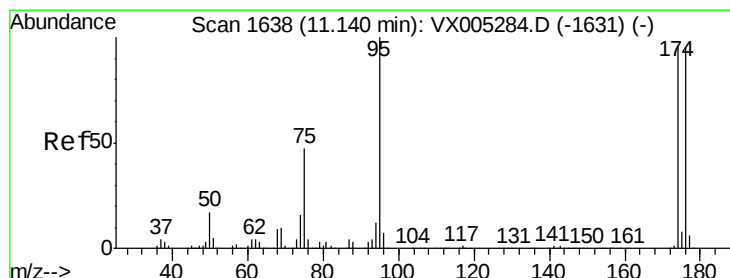
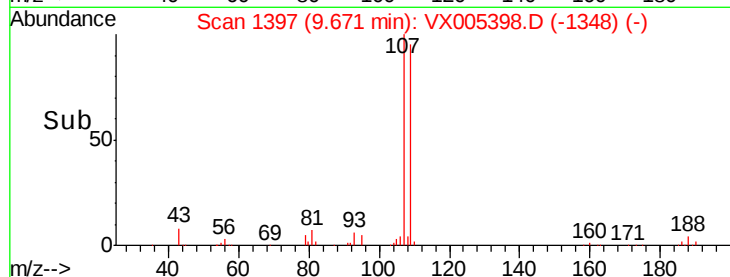
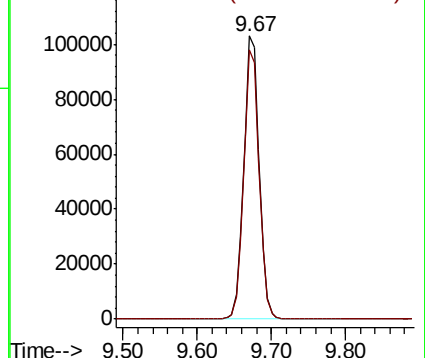
107 100

109 95.5 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.283 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005398.D

Acq: 17 Oct 2018 18:55

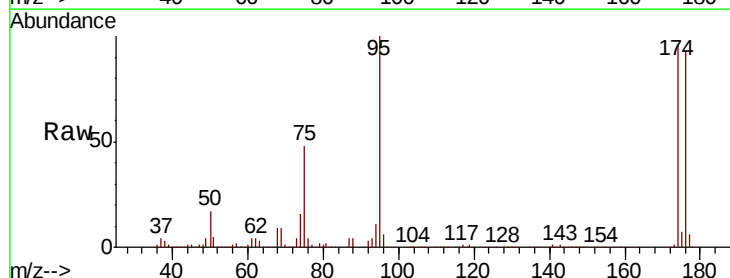
Tgt Ion: 95 Resp: 174697

Ion Ratio Lower Upper

95 100

174 94.5 0.0 185.2

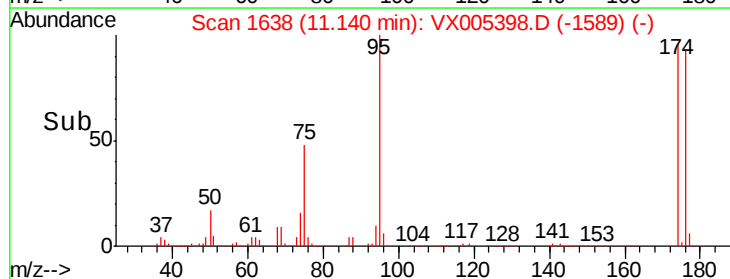
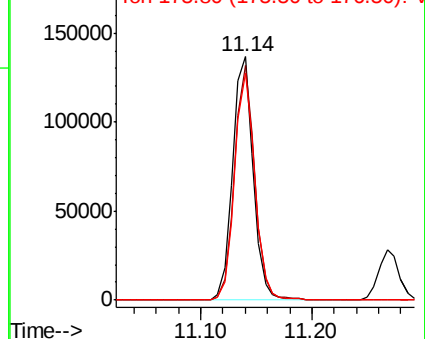
176 91.9 0.0 178.6

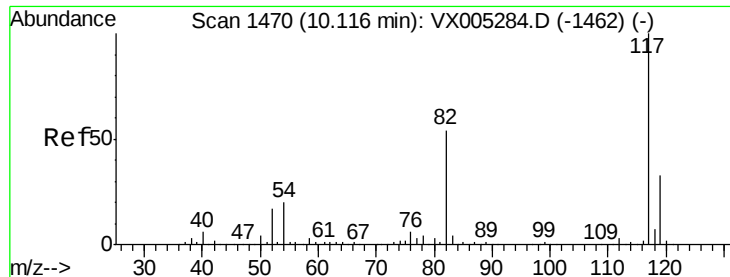


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

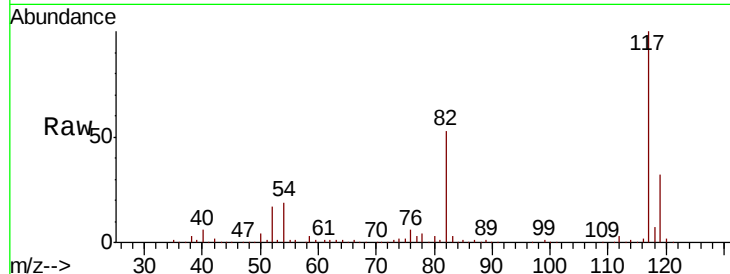




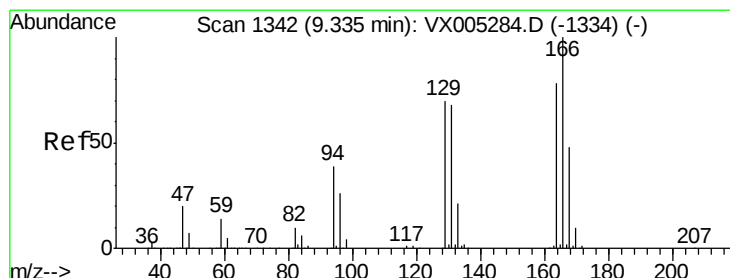
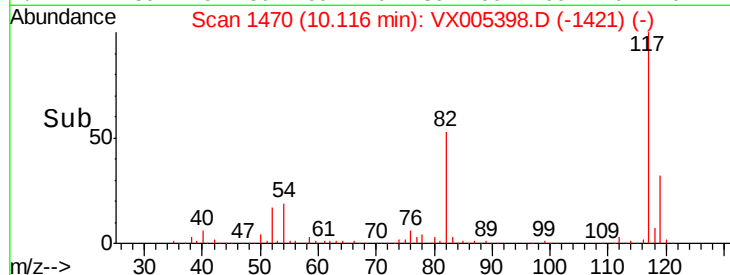
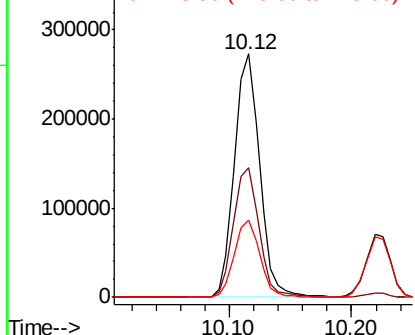
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005398.D
Acq: 17 Oct 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 391388
Ion Ratio Lower Upper
117 100
82 53.1 47.8 71.6
119 31.9 29.3 43.9



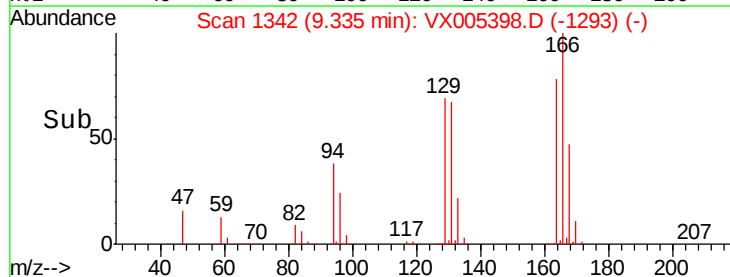
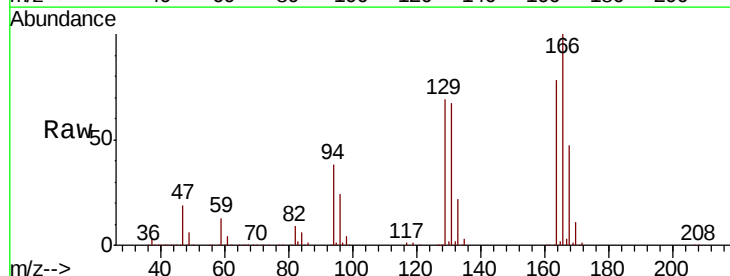
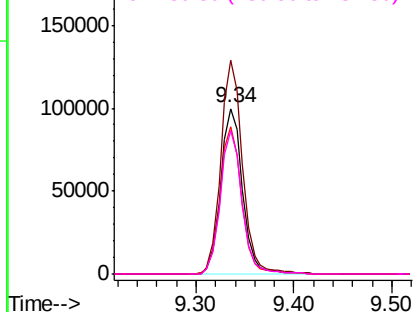
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

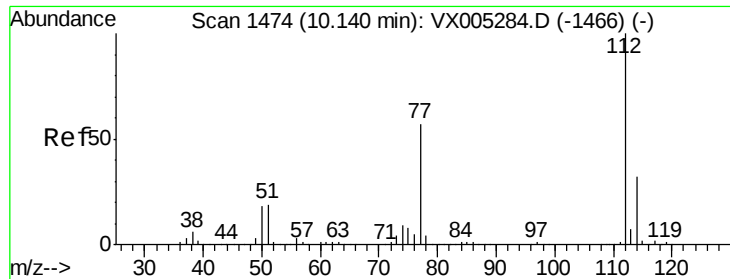


#64
Tetrachloroethene
Concen: 49.290 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005398.D
Acq: 17 Oct 2018 18:55

Tgt Ion:164 Resp: 155307
Ion Ratio Lower Upper
164 100
166 128.9 102.8 154.2
129 88.9 69.4 104.0
131 86.6 67.9 101.9

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





#65

Chlorobenzene

Concen: 47.581 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX005398.D

Acq: 17 Oct 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

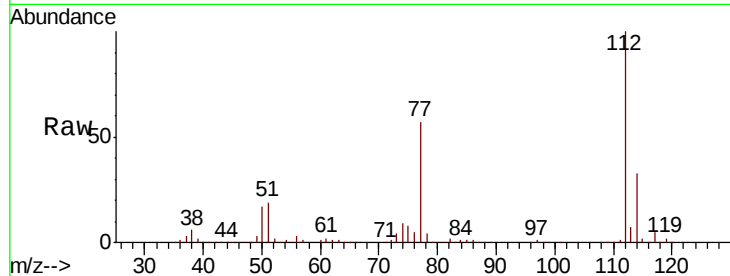
VSTDCCC050

Tot Ion:112 Resp: 396124

Ion Ratio Lower Upper

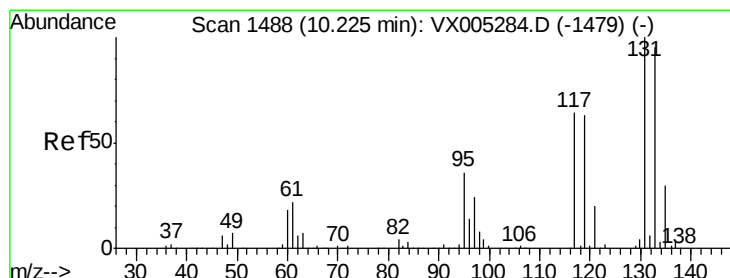
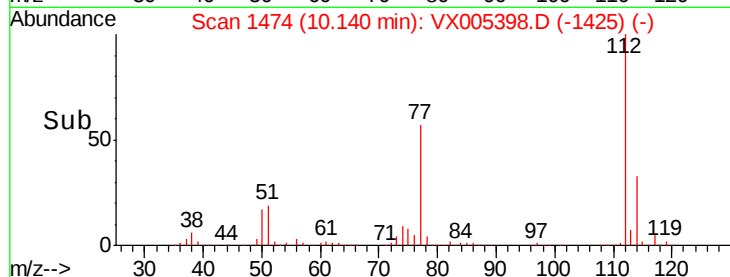
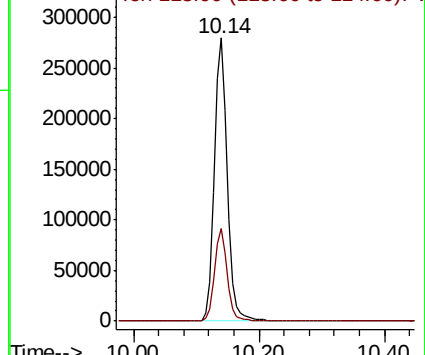
112 100

114 32.7 27.8 41.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.101 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.01 min

Lab File: VX005398.D

Acq: 17 Oct 2018 18:55

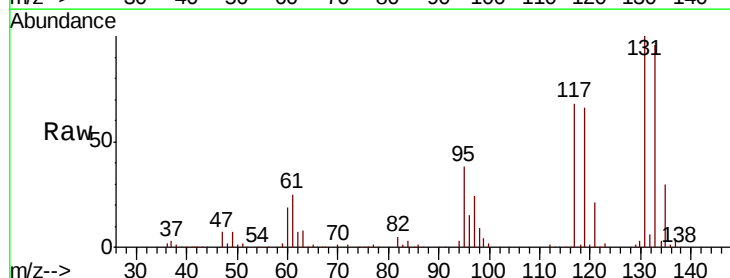
Tgt Ion:131 Resp: 145673

Ion Ratio Lower Upper

131 100

133 95.5 48.1 144.4

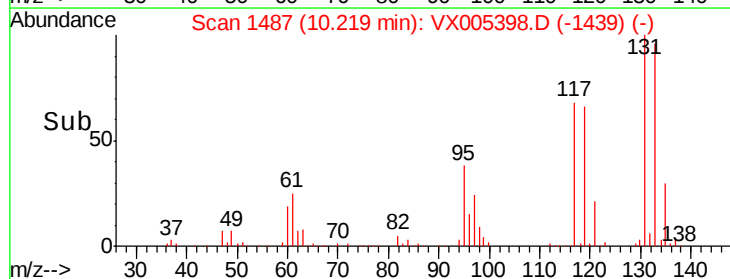
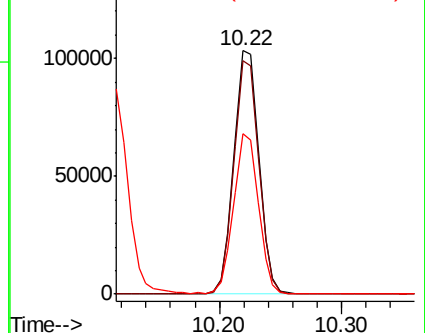
119 65.4 32.9 98.6

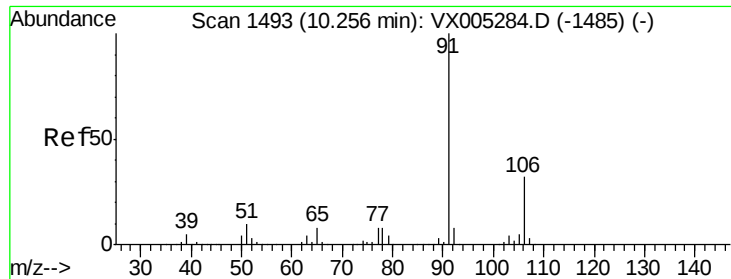


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

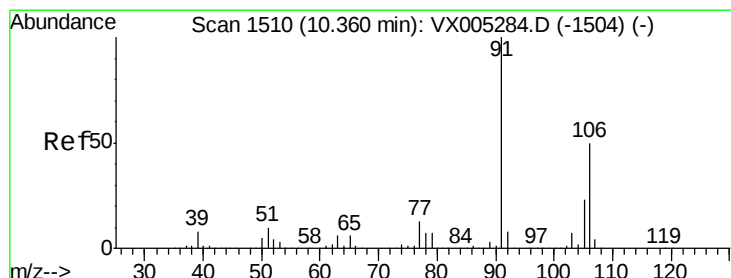
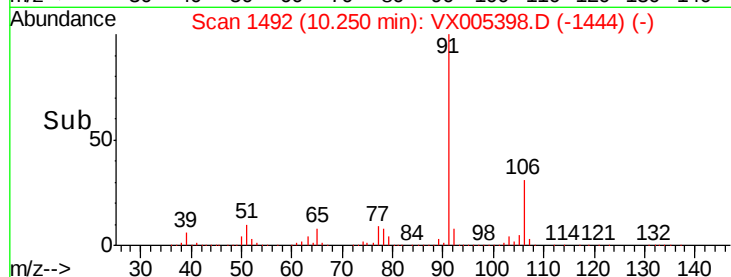
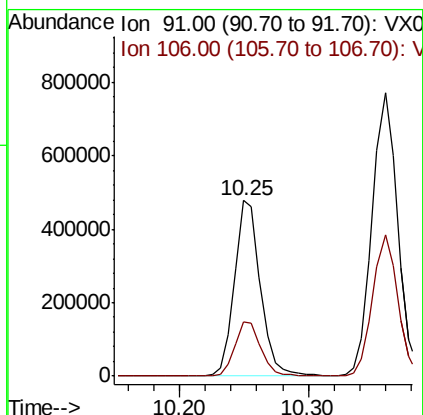
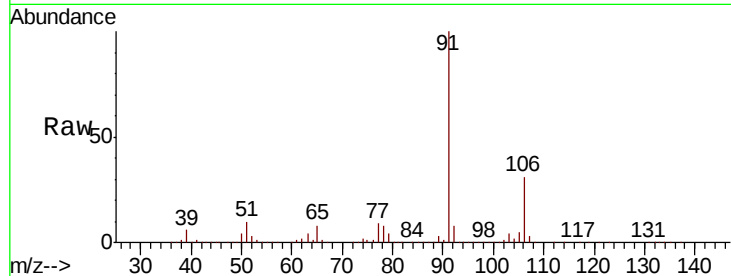




#67
Ethyl Benzene
Concen: 49.764 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX005398.D
Acq: 17 Oct 2018 18:55

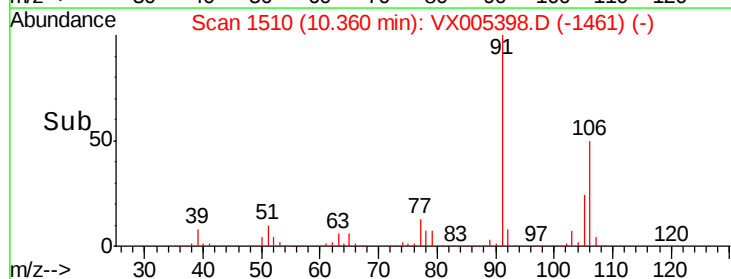
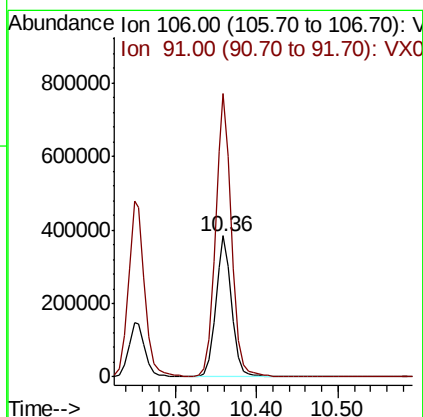
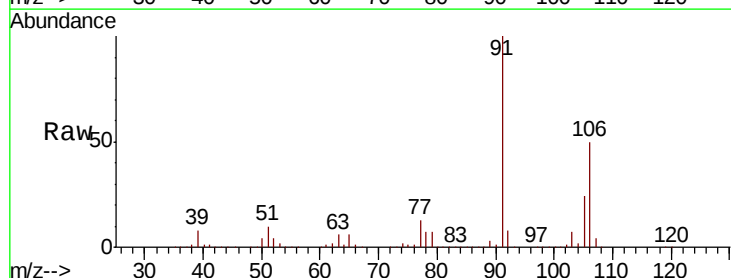
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 673509
Ion Ratio Lower Upper
91 100
106 30.8 25.9 38.9



#68
m/p-Xylenes
Concen: 100.178 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX005398.D
Acq: 17 Oct 2018 18:55

Tgt Ion: 106 Resp: 526245
Ion Ratio Lower Upper
106 100
91 202.2 157.1 235.7

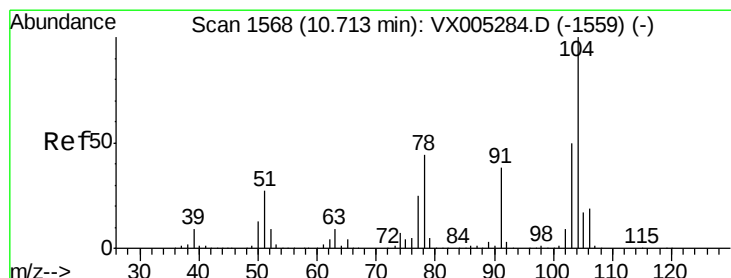
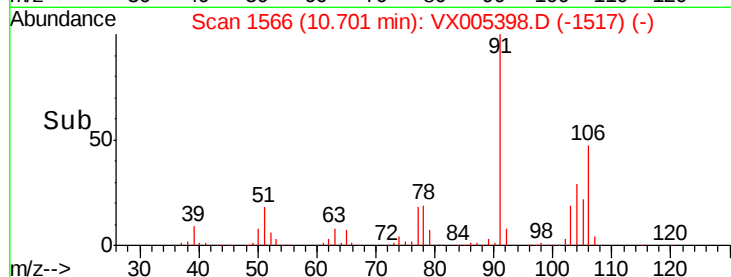
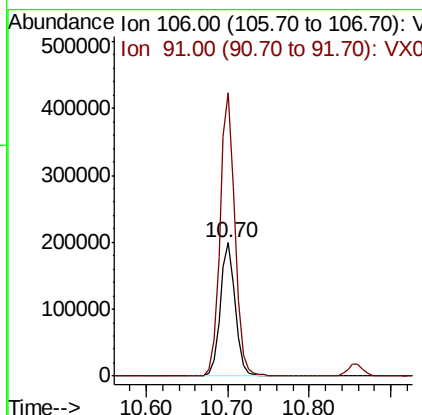
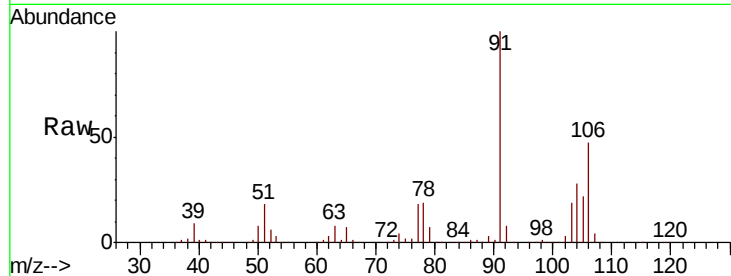




#69
o-Xylene
Concen: 50.361 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005398.D
Acq: 17 Oct 2018 18:55

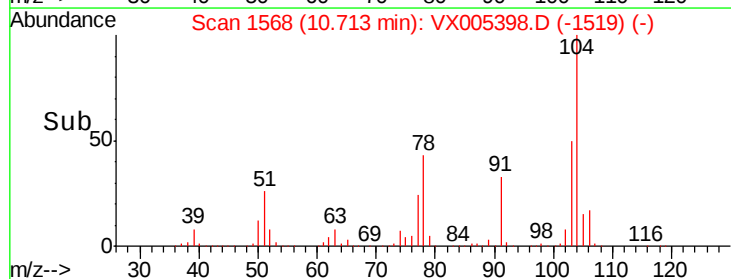
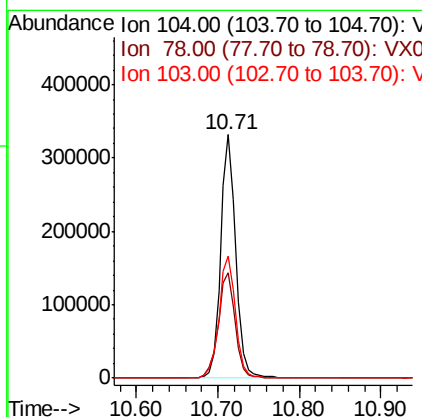
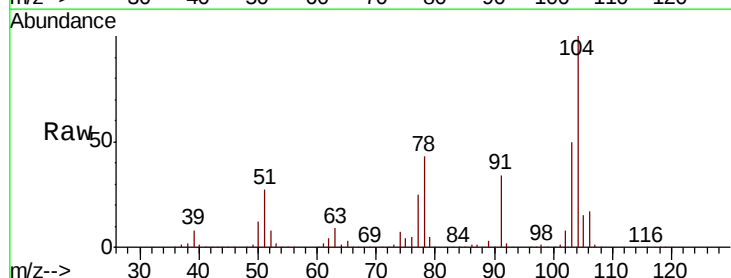
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 255141
Ion Ratio Lower Upper
106 100
91 212.6 105.1 315.1



#70
Styrene
Concen: 51.499 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005398.D
Acq: 17 Oct 2018 18:55

Tgt Ion:104 Resp: 429139
Ion Ratio Lower Upper
104 100
78 48.8 37.4 56.0
103 55.7 43.8 65.6





#71

Bromoform

Concen: 48.963 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX005398.D

Acq: 17 Oct 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

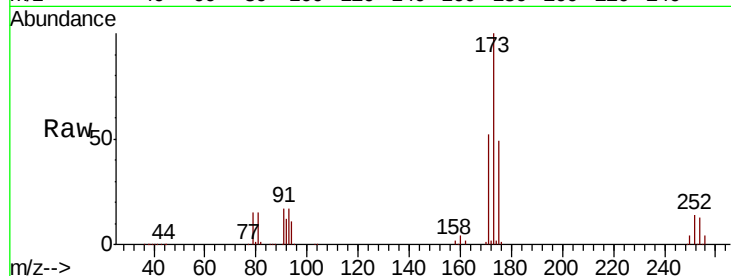
Tot Ion:173 Resp: 129811

Ion Ratio Lower Upper

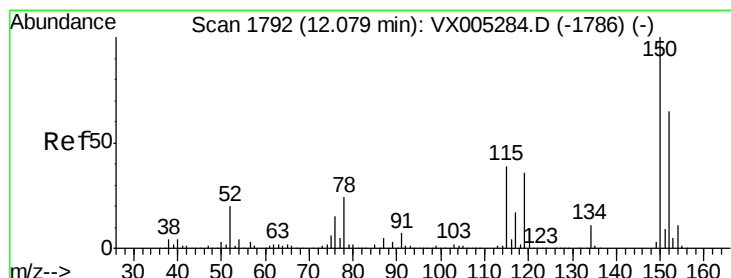
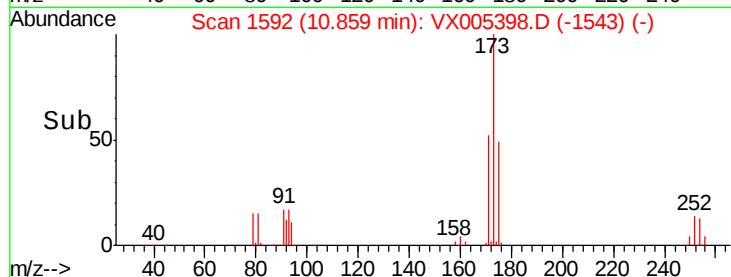
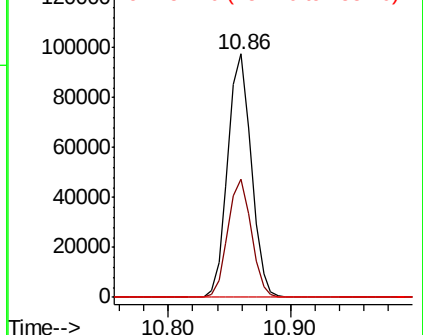
173 100

175 48.7 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: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005398.D

Acq: 17 Oct 2018 18:55

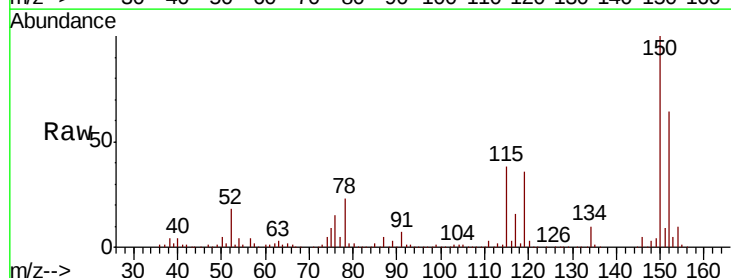
Tgt Ion:152 Resp: 219643

Ion Ratio Lower Upper

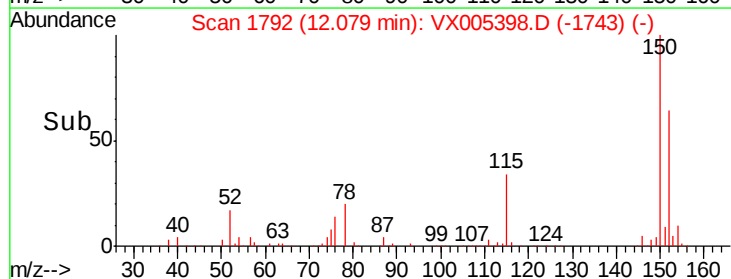
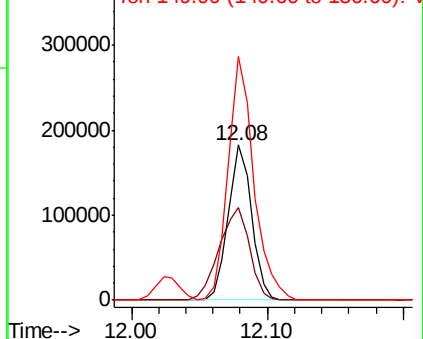
152 100

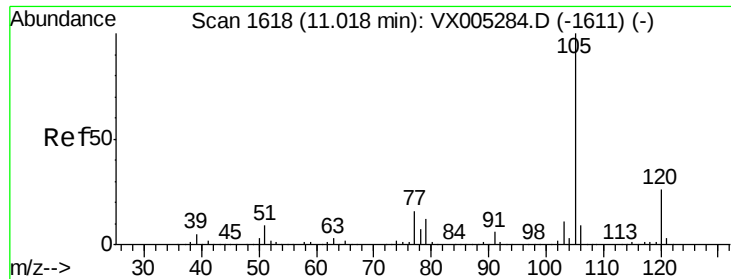
115 76.8 39.0 117.0

150 171.7 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: 53.110 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005398.D

Acq: 17 Oct 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

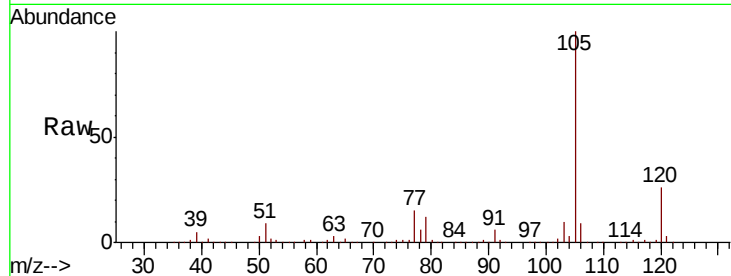
VSTDCCC050

Tot Ion:105 Resp: 693460

Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

600000

500000

400000

300000

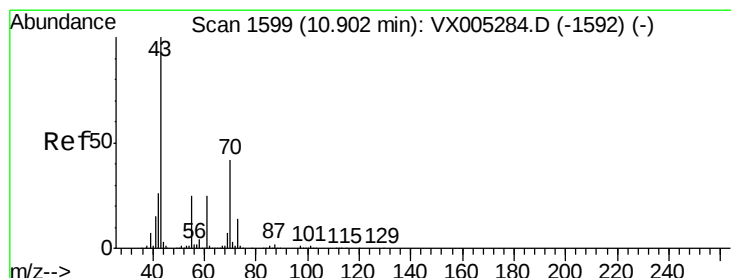
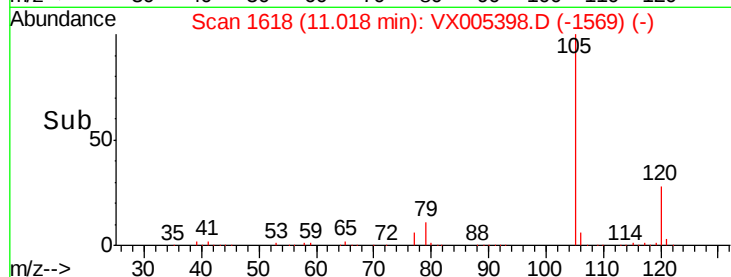
200000

100000

0

Time-->

11.00 11.10



#74

N-ethyl acetate

Concen: 52.331 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.01 min

Lab File: VX005398.D

Acq: 17 Oct 2018 18:55

Tgt Ion: 43 Resp: 329564

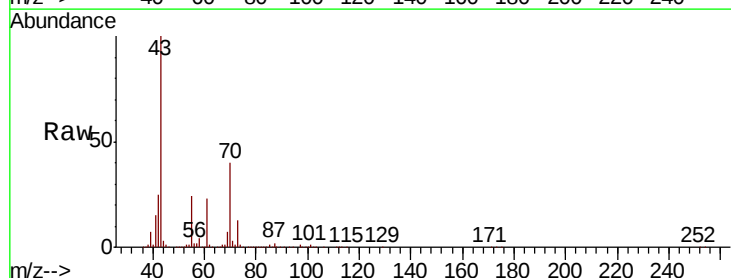
Ion Ratio Lower Upper

43 100

70 42.0 37.4 56.0

55 24.5 21.8 32.8

61 24.4 20.6 30.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

400000

300000

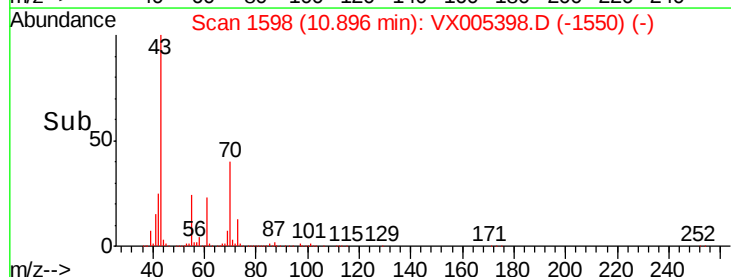
200000

100000

0

Time-->

10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 48.160 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005398.D

Acq: 17 Oct 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

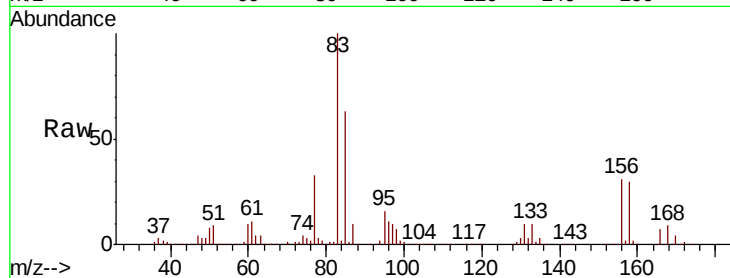
Tot Ion: 83 Resp: 237213

Ion Ratio Lower Upper

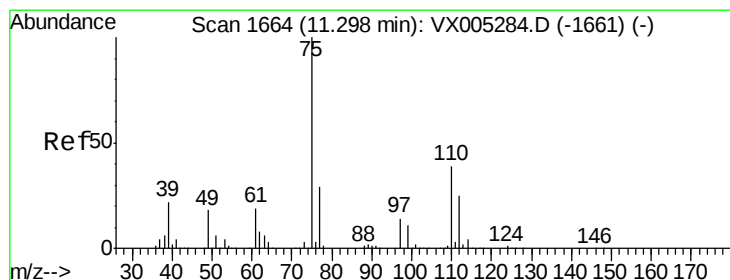
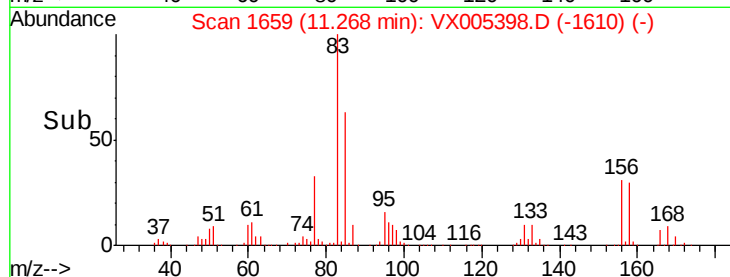
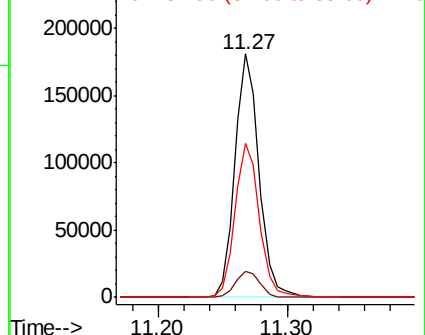
83 100

131 10.8 5.2 15.6

85 64.0 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: 65.438 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX005398.D

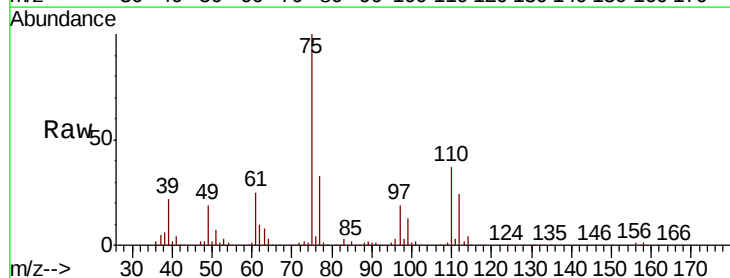
Acq: 17 Oct 2018 18:55

Tgt Ion: 75 Resp: 278795

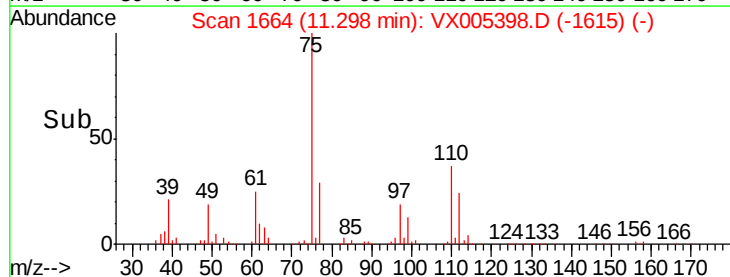
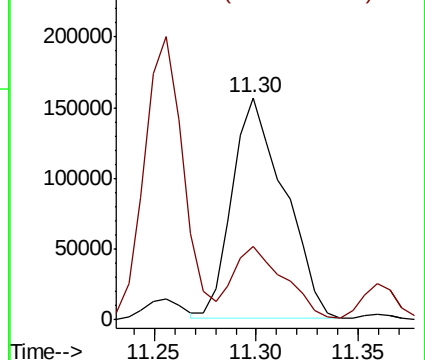
Ion Ratio Lower Upper

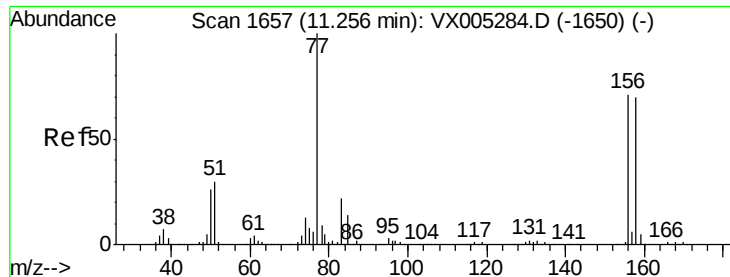
75 100

77 32.6 20.2 60.6



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





#77

Bromobenzene

Concen: 50.156 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005398.D

Acq: 17 Oct 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

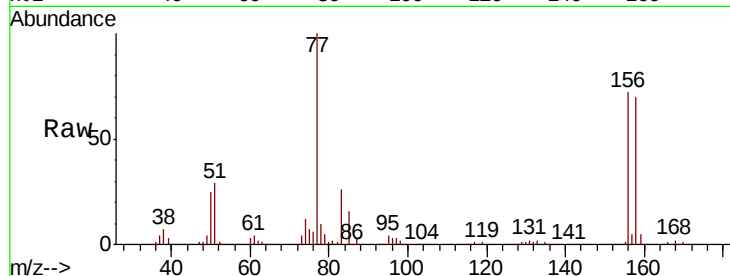
Tot Ion:156 Resp: 187252

Ion Ratio Lower Upper

156 100

77 141.8 71.5 214.3

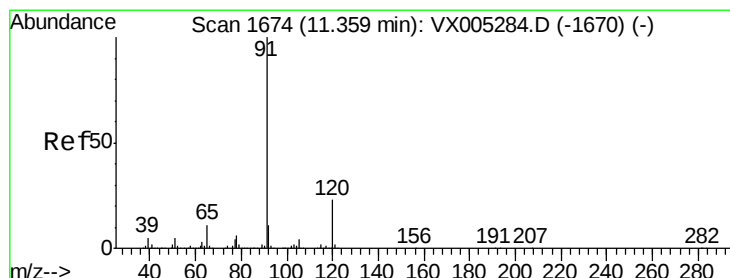
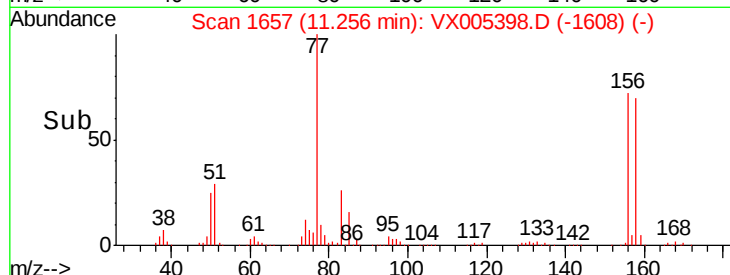
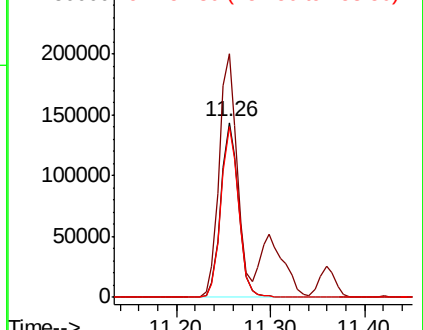
158 97.7 48.9 146.8



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: 52.523 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005398.D

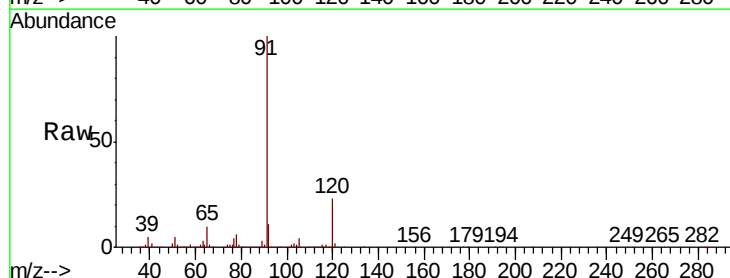
Acq: 17 Oct 2018 18:55

Tgt Ion: 91 Resp: 789177

Ion Ratio Lower Upper

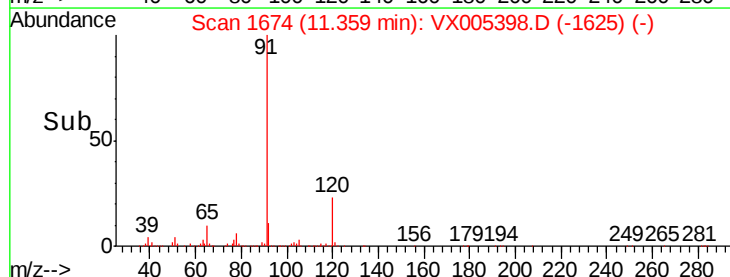
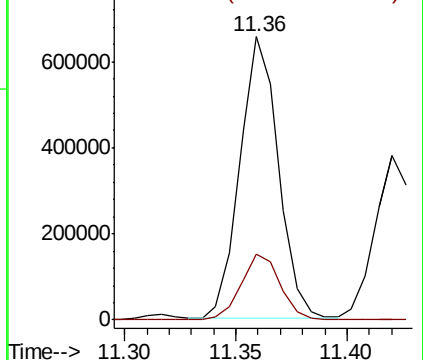
91 100

120 23.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

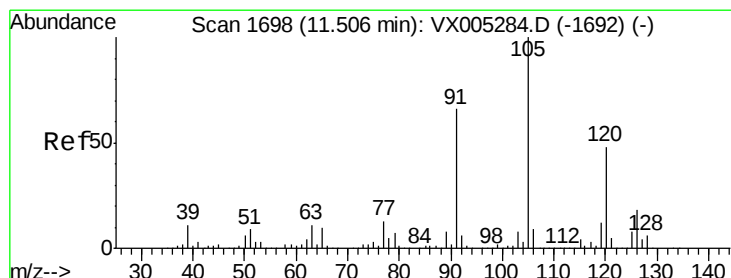
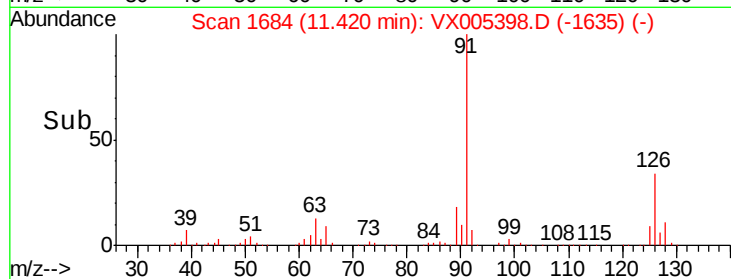
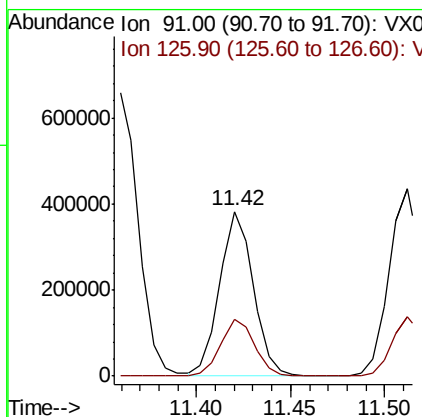
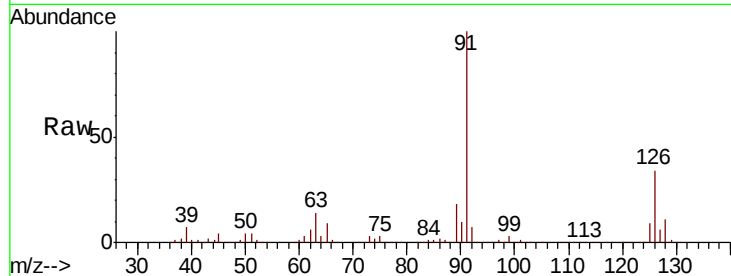




#79
 2-Chlorotoluene
 Concen: 50.999 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX005398.D
 Acq: 17 Oct 2018 18:55

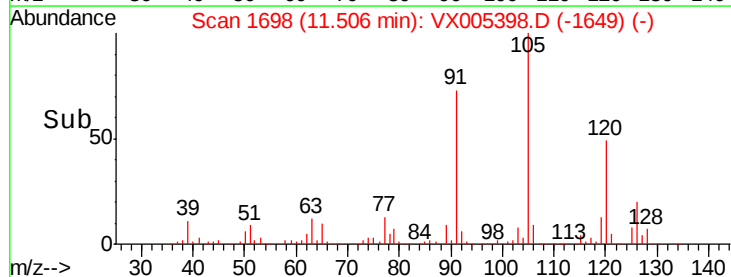
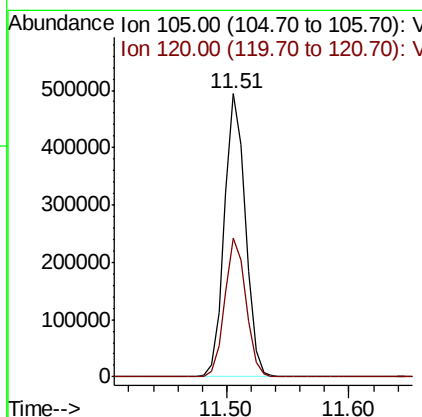
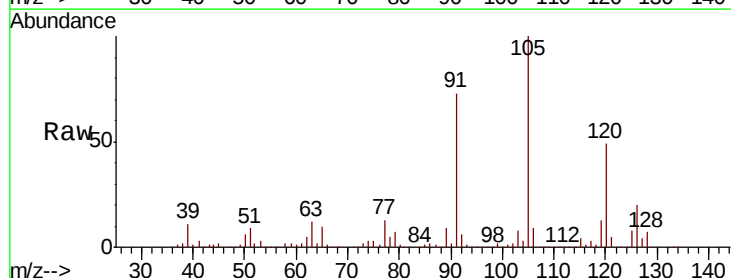
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 469299
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 52.464 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX005398.D
 Acq: 17 Oct 2018 18:55

Tgt Ion: 105 Resp: 586619
 Ion Ratio Lower Upper
 105 100
 120 49.1 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 50.105 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX005398.D

Acq: 17 Oct 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

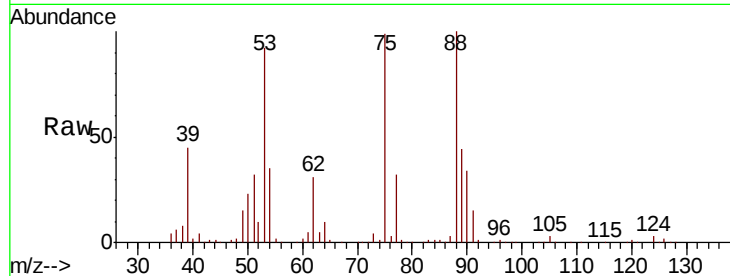
Tot Ion: 75 Resp: 70255

Ion Ratio Lower Upper

75 100

53 93.4 80.1 120.1

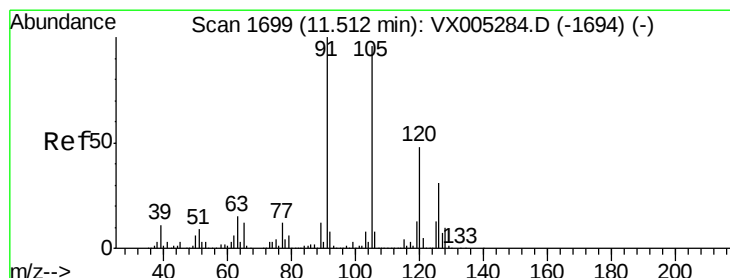
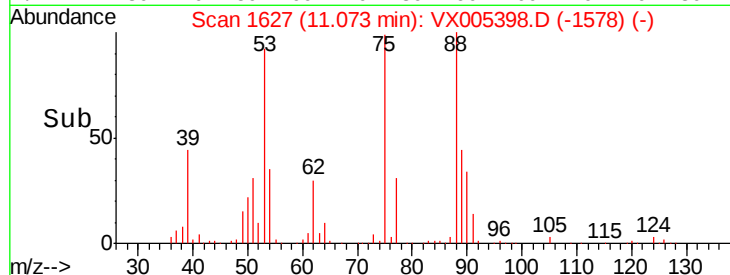
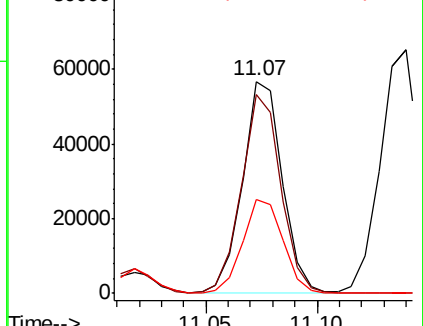
89 45.6 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.546 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX005398.D

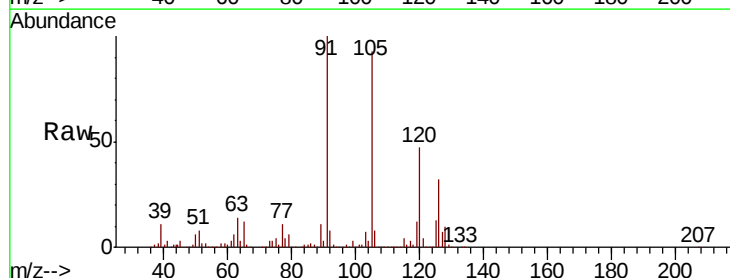
Acq: 17 Oct 2018 18:55

Tgt Ion: 91 Resp: 551365

Ion Ratio Lower Upper

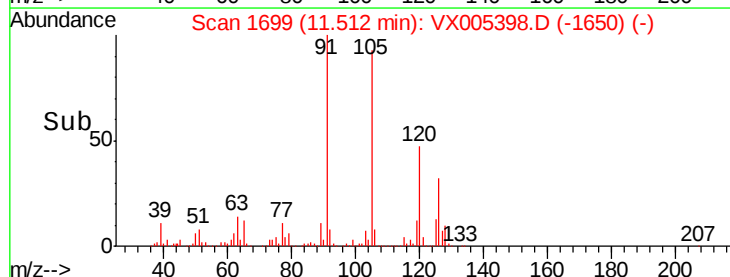
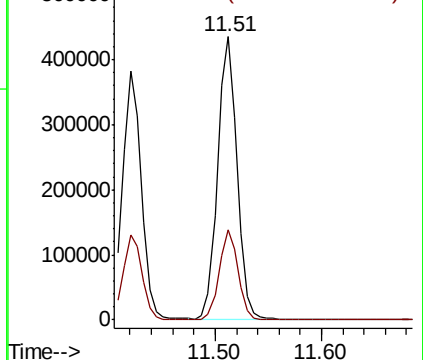
91 100

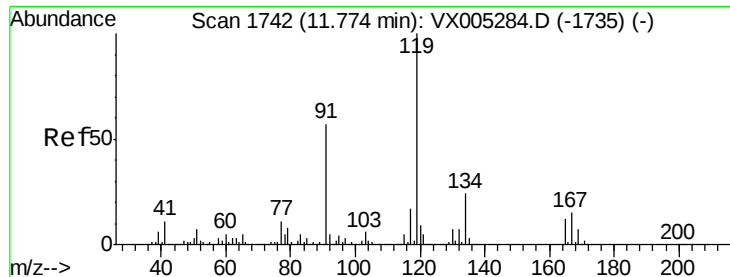
126 31.1 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

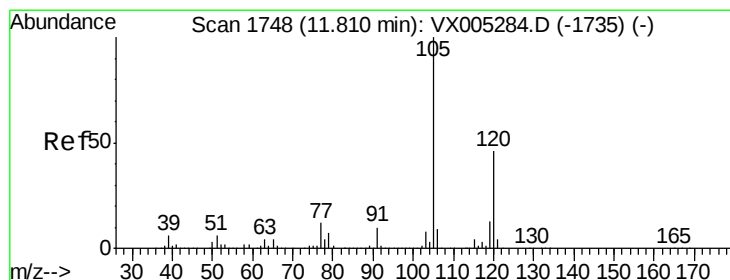
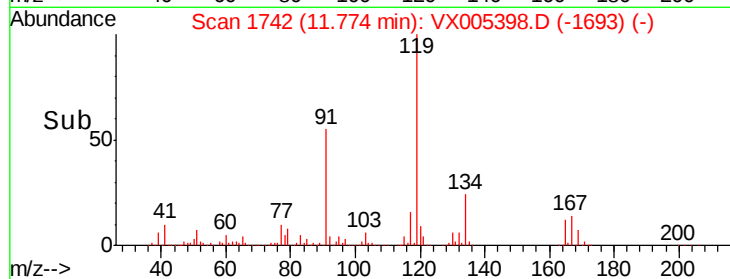
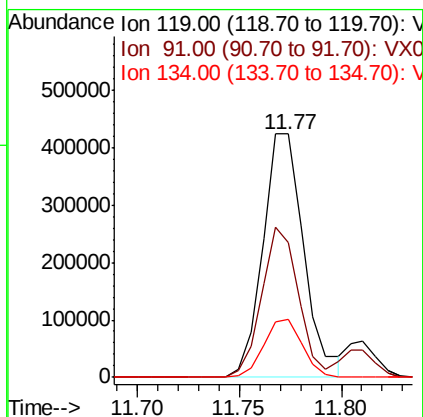
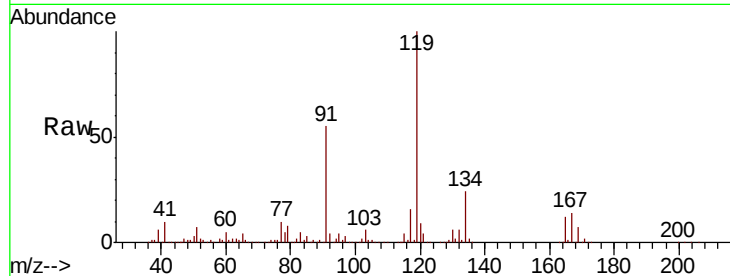




#83
 tert-Butylbenzene
 Concen: 52.586 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX005398.D
 Acq: 17 Oct 2018 18:55

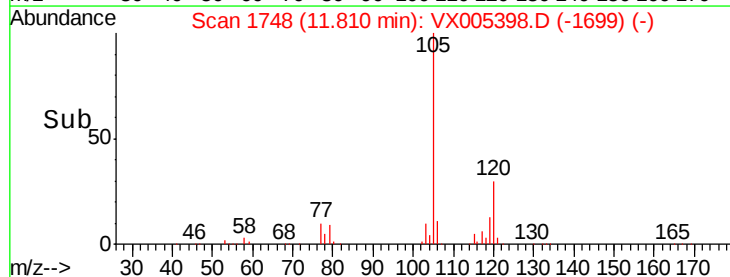
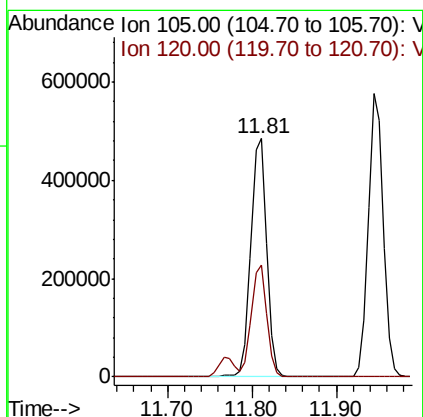
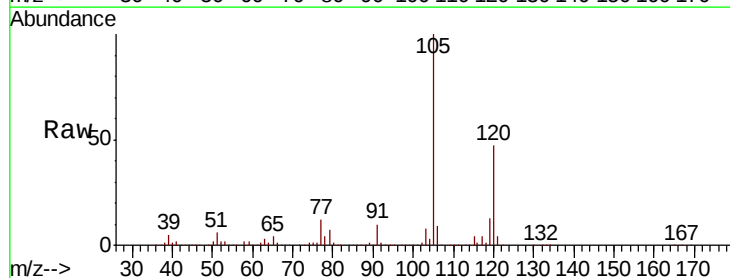
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

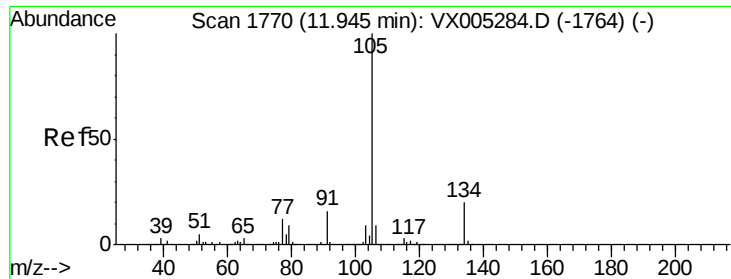
Tot Ion	Ratio	Lower	Upper
119	100		
91	55.5	27.0	81.0
134	22.6	11.7	35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 52.725 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX005398.D
 Acq: 17 Oct 2018 18:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	23.2	69.6





#85

sec-Butylbenzene

Concen: 53.175 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX005398.D

Acq: 17 Oct 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

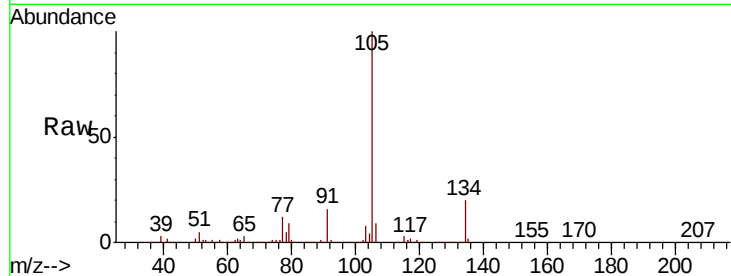
VSTDCCC050

Tot Ion:105 Resp: 712523

Ion Ratio Lower Upper

105 100

134 20.7 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

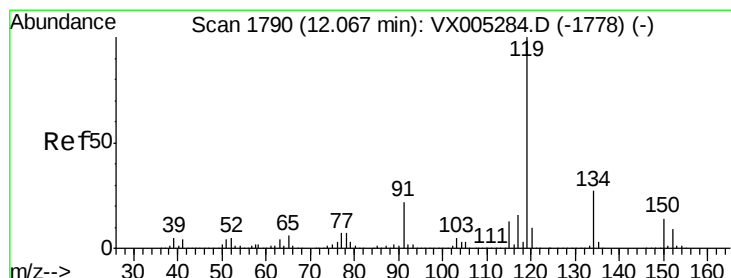
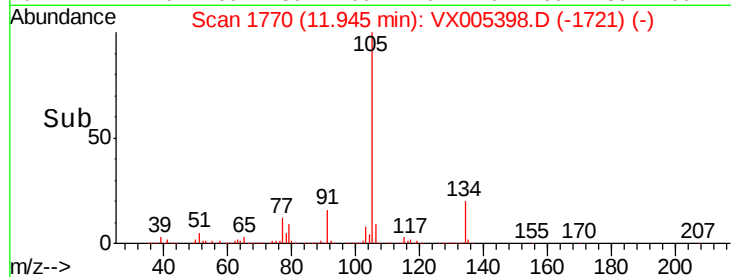
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 53.151 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX005398.D

Acq: 17 Oct 2018 18:55

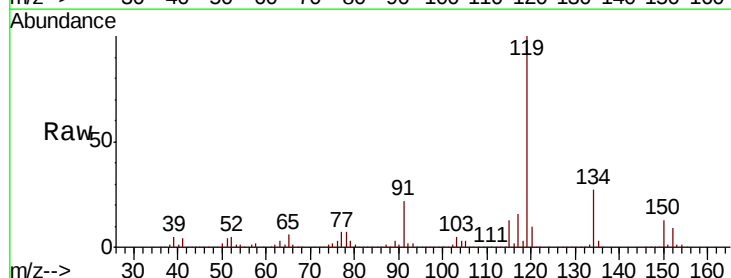
Tgt Ion:119 Resp: 643724

Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.2

91 22.4 10.9 32.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.07

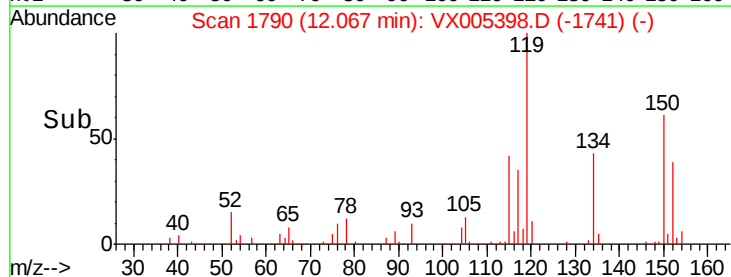
600000

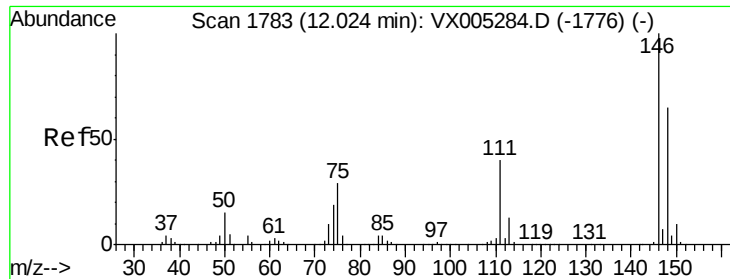
400000

200000

0

Time-->

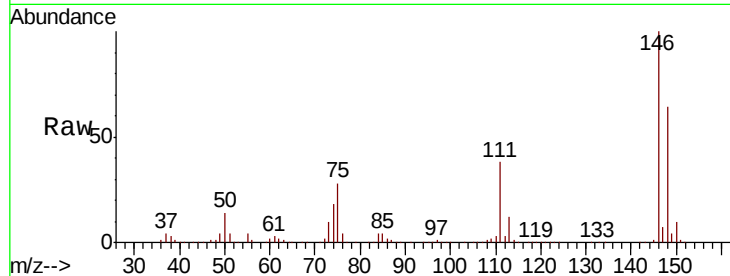




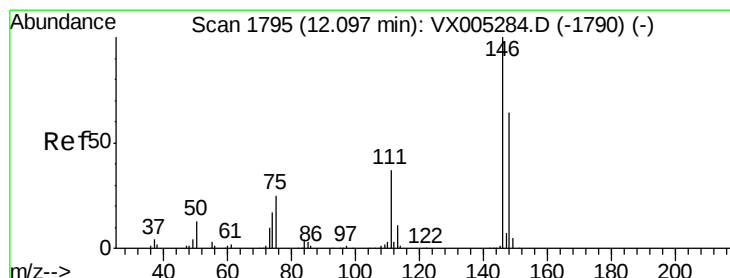
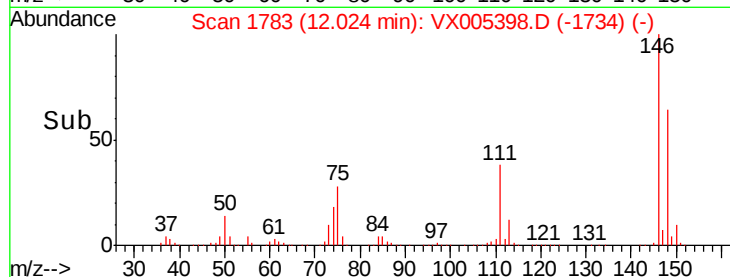
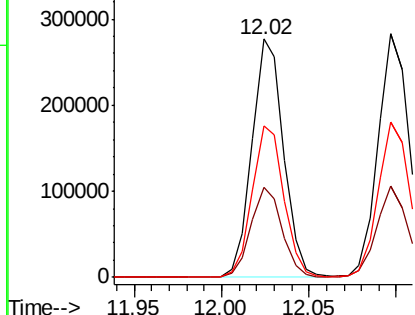
#87
 1,3-Dichlorobenzene
 Concen: 49.793 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX005398.D
 Acq: 17 Oct 2018 18:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 347366
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.7 56.1
 148 63.9 32.1 96.5

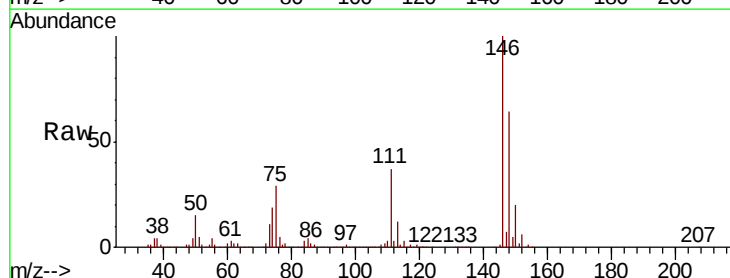


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

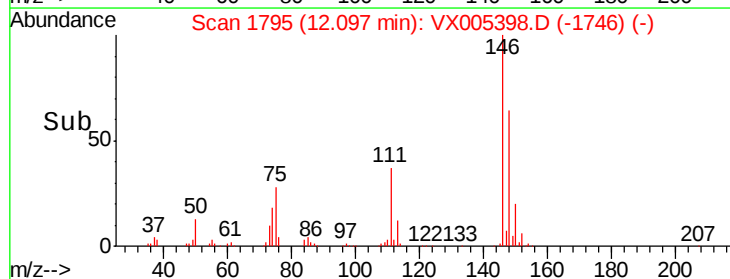
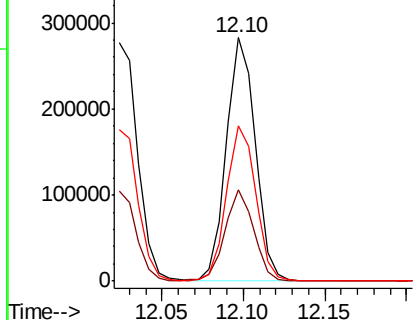


#88
 1,4-Dichlorobenzene
 Concen: 48.930 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX005398.D
 Acq: 17 Oct 2018 18:55

Tgt Ion:146 Resp: 349200
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.1 54.1
 148 64.4 32.0 96.0



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

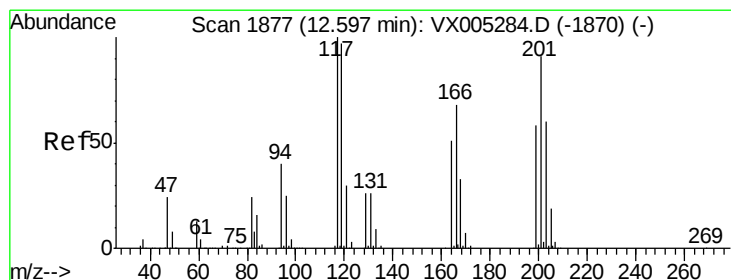
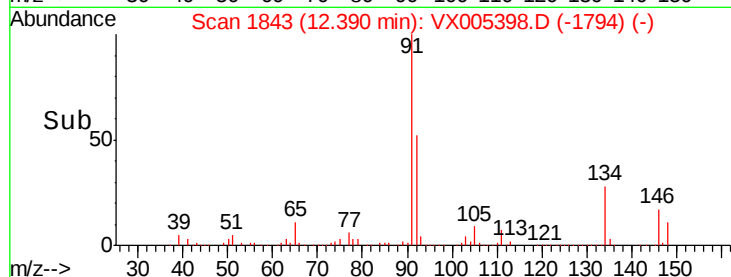
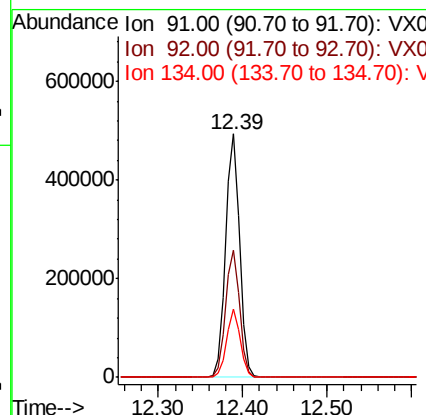
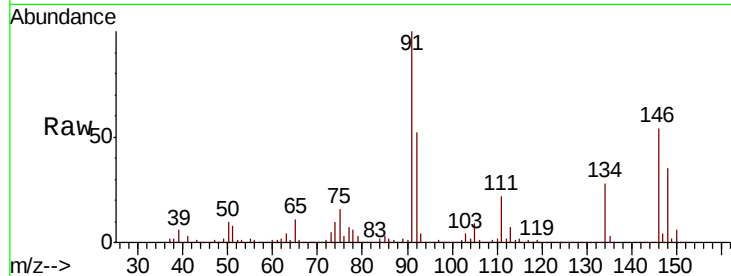




#89
n-Butylbenzene
Concen: 51.885 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005398.D
Acq: 17 Oct 2018 18:55

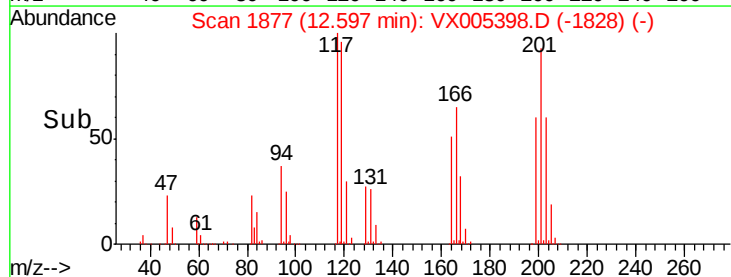
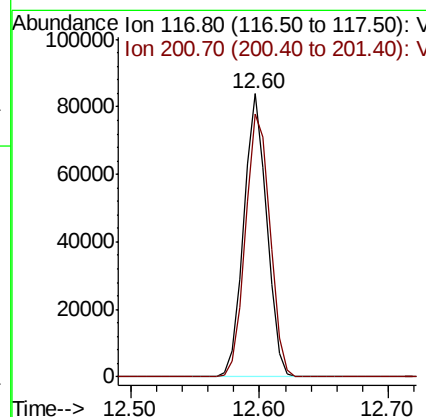
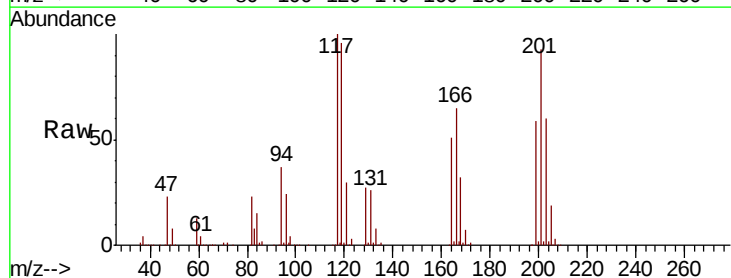
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 570559
Ion Ratio Lower Upper
91 100
92 52.3 27.3 81.9
134 27.1 13.6 40.7



#90
Hexachloroethane
Concen: 49.645 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005398.D
Acq: 17 Oct 2018 18:55

Tgt Ion: 117 Resp: 103622
Ion Ratio Lower Upper
117 100
201 98.3 46.9 140.6

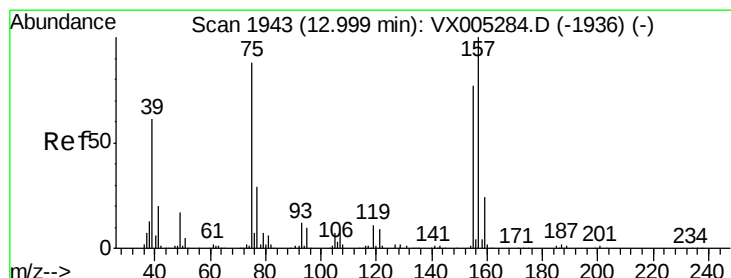
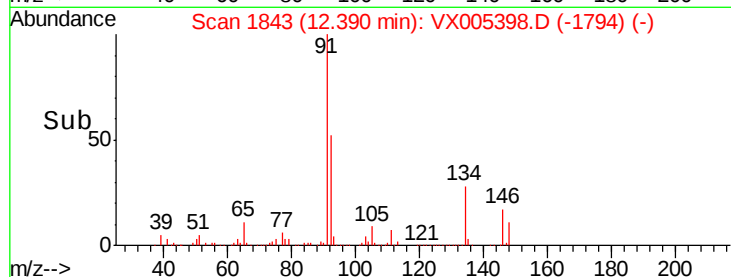
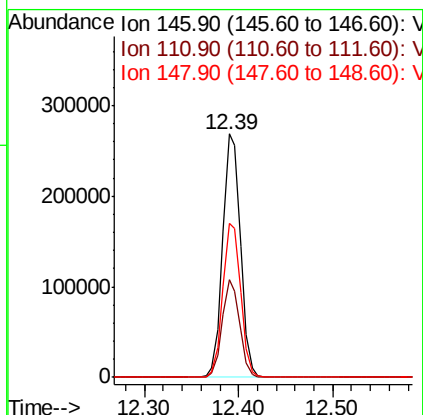
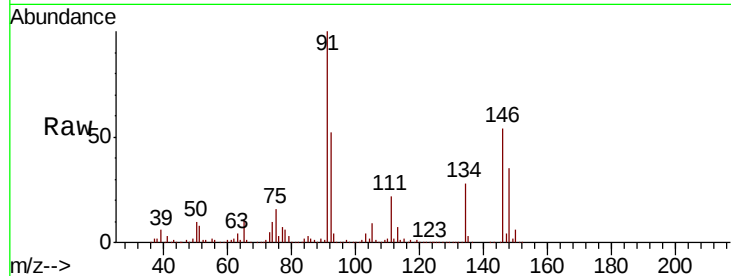




#91
 1,2-Dichlorobenzene
 Concen: 49.109 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX005398.D
 Acq: 17 Oct 2018 18:55

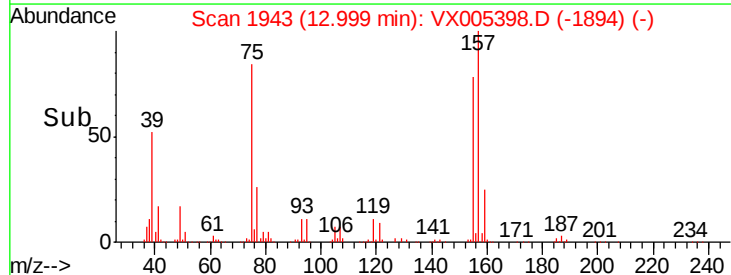
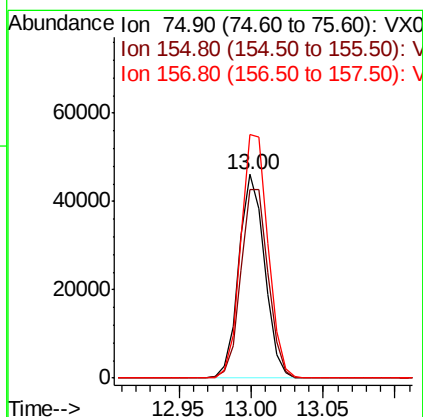
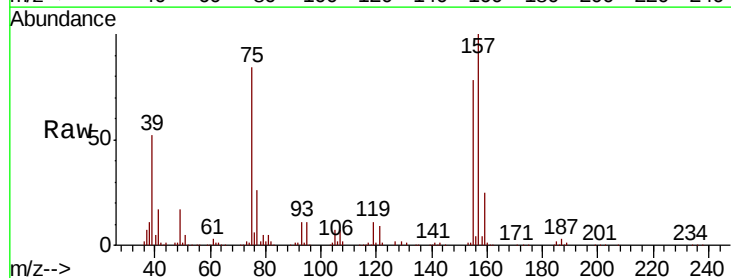
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

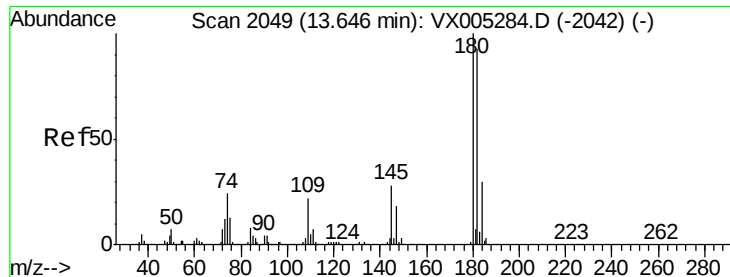
Tot Ion:146 Resp: 349613
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.4 58.1
 148 63.9 32.8 98.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.852 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX005398.D
 Acq: 17 Oct 2018 18:55

Tgt Ion: 75 Resp: 57493
 Ion Ratio Lower Upper
 75 100
 155 97.6 48.0 144.2
 157 125.2 61.4 184.1

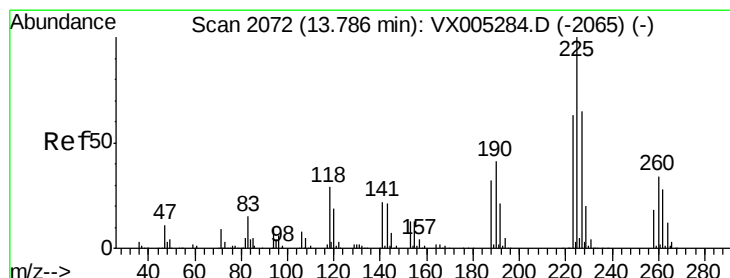
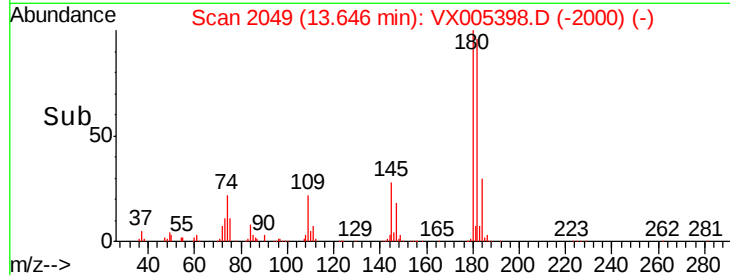
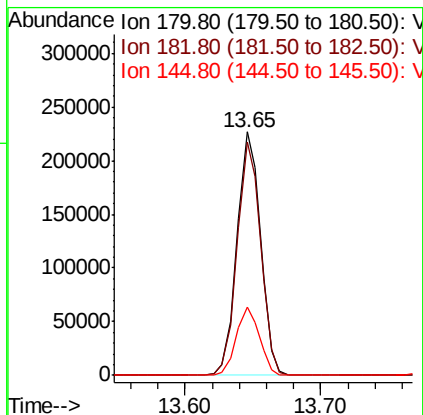
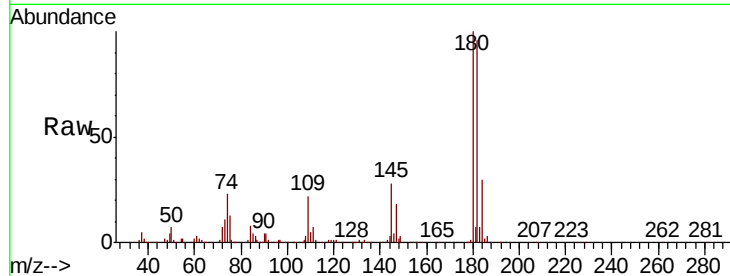




#93
 1,2,4-Trichlorobenzene
 Concen: 52.212 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005398.D
 Acq: 17 Oct 2018 18:55

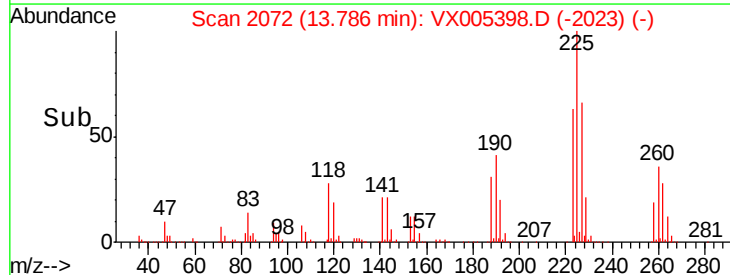
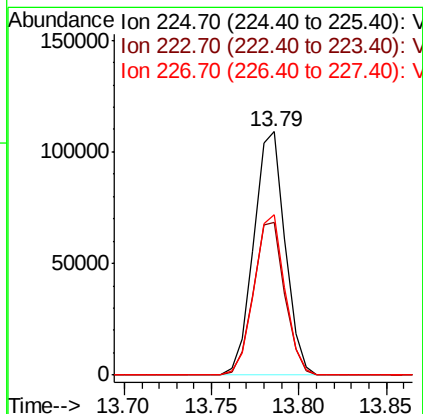
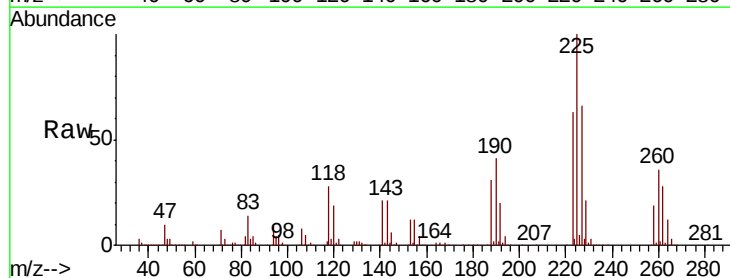
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

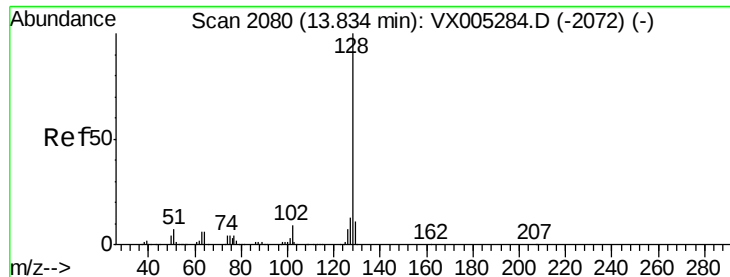
Tot Ion:180 Resp: 272708
 Ion Ratio Lower Upper
 180 100
 182 95.7 48.4 145.0
 145 27.7 14.3 42.9



#94
 Hexachlorobutadiene
 Concen: 49.141 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX005398.D
 Acq: 17 Oct 2018 18:55

Tgt Ion:225 Resp: 135559
 Ion Ratio Lower Upper
 225 100
 223 62.9 30.1 90.5
 227 64.7 30.8 92.4

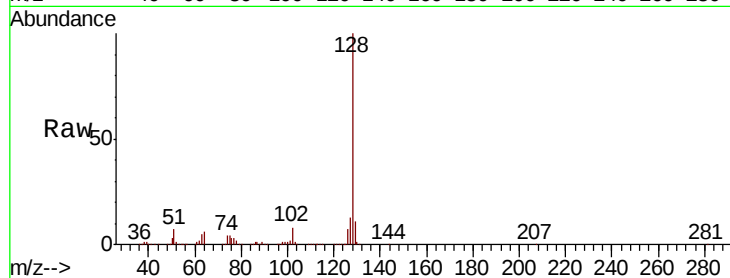




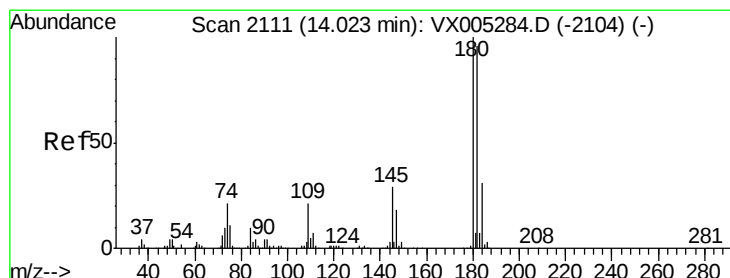
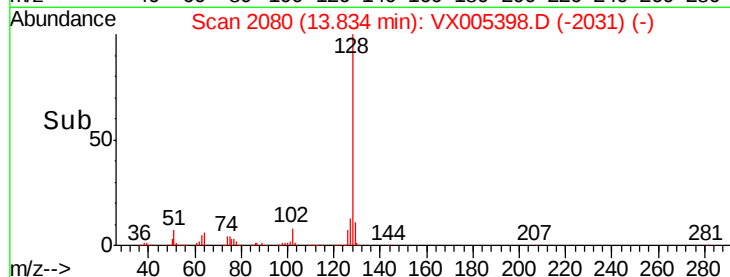
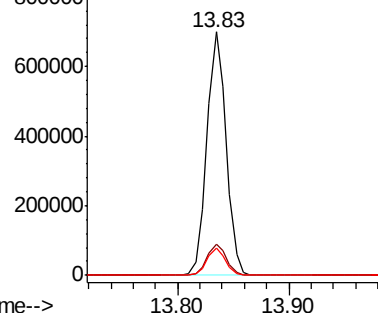
#95
Naphthalene
Concen: 55.007 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005398.D
Acq: 17 Oct 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 833218
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.9 8.6 12.8

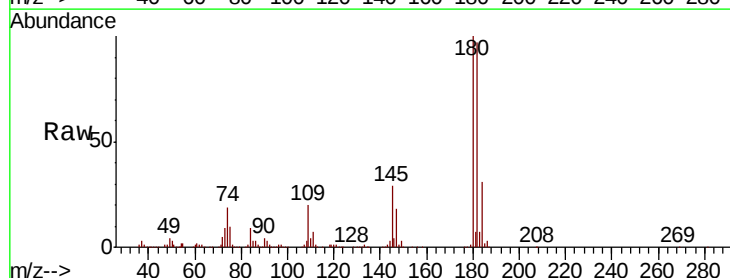


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 51.440 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VX005398.D
Acq: 17 Oct 2018 18:55

Tgt Ion:180 Resp: 274910
Ion Ratio Lower Upper
180 100
182 96.7 48.5 145.6
145 29.9 14.9 44.9



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

