

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX032919\
 Data File : VX008536.D
 Acq On : 29 Mar 2019 10:37
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 29 23:43:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	193028	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	319284	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	286803	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	139428	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	151621	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	
35) Dibromofluoromethane	5.49	113	112352	53.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.94%	
50) Toluene-d8	8.71	98	459830	55.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.48%	
62) 4-Bromofluorobenzene	11.13	95	173519	56.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.50%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	109088	47.945	ug/l	99
3) Chloromethane	1.32	50	141757	49.362	ug/l	99
4) Vinyl Chloride	1.41	62	148626	46.784	ug/l	100
5) Bromomethane	1.64	94	70929	42.809	ug/l	99
6) Chloroethane	1.71	64	90296	47.979	ug/l	100
7) Trichlorofluoromethane	1.92	101	173051	48.097	ug/l	100
8) Diethyl Ether	2.18	74	81617	47.932	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	112659	51.810	ug/l	98
10) Methyl Iodide	2.51	142	94287	45.013	ug/l	99
11) Tert butyl alcohol	3.05	59	164641	253.936	ug/l	99
12) 1,1-Dichloroethene	2.37	96	108561	48.342	ug/l	99
13) Acrolein	2.29	56	147085	312.394	ug/l	99
14) Allyl chloride	2.72	41	256275	51.800	ug/l	99
15) Acrylonitrile	3.14	53	425445	250.246	ug/l	100
16) Acetone	2.44	43	404665	264.578	ug/l	100
17) Carbon Disulfide	2.57	76	327232	50.794	ug/l	99
18) Methyl Acetate	2.77	43	184877	50.329	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	427087	52.776	ug/l	100
20) Methylene Chloride	2.85	84	134581	53.965	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	119853	53.581	ug/l	93
22) Diisopropyl ether	3.85	45	509012	52.251	ug/l	93
23) Vinyl Acetate	3.81	43	2241294	263.710	ug/l	99
24) 1,1-Dichloroethane	3.69	63	251741	51.186	ug/l	100
25) 2-Butanone	4.67	43	640462	261.198	ug/l	99
26) 2,2-Dichloropropane	4.58	77	185289	56.643	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	141992	51.708	ug/l	100
28) Bromochloromethane	5.01	49	123443	50.804	ug/l	100
29) Tetrahydrofuran	5.12	42	402359	248.975	ug/l	99
30) Chloroform	5.21	83	229361	51.676	ug/l	100
31) Cyclohexane	5.57	56	245103	52.254	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	187730	52.915	ug/l	99
36) 1,1-Dichloropropene	5.80	75	181414	53.290	ug/l	99
37) Ethyl Acetate	4.83	43	235001	53.286	ug/l	99
38) Carbon Tetrachloride	5.78	117	156434	55.063	ug/l	100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	231698	56.951	ug/l	100
40) Benzene	6.14	78	543801	53.358	ug/l	99
41) Methacrylonitrile	5.04	41	132420	53.430	ug/l	100
42) 1,2-Dichloroethane	6.19	62	193799	51.937	ug/l	100
43) Isopropyl Acetate	6.44	43	385995	54.719	ug/l	100
44) Trichloroethene	7.21	130	127275	53.187	ug/l	95
45) 1,2-Dichloropropane	7.51	63	157443	54.350	ug/l	99
46) Dibromomethane	7.66	93	89153	52.703	ug/l	99
47) Bromodichloromethane	7.90	83	181127	55.941	ug/l	97
48) Methyl methacrylate	7.77	41	195332	55.341	ug/l	99
49) 1,4-Dioxane	7.74	88	70052	998.172	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1260498	275.116	ug/l	100
52) Toluene	8.78	92	331469	54.394	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	208961	58.921	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	230264	57.098	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	134569	54.249	ug/l	99
56) Ethyl methacrylate	9.18	69	252016	56.283	ug/l	100
57) 1,3-Dichloropropane	9.37	76	237092	53.309	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	661631	285.852	ug/l	99
59) 2-Hexanone	9.49	43	969575	273.108	ug/l	99
60) Dibromochloromethane	9.58	129	133683	56.667	ug/l	99
61) 1,2-Dibromoethane	9.67	107	137443	54.293	ug/l	100
64) Tetrachloroethene	9.34	164	109752	56.525	ug/l	97
65) Chlorobenzene	10.13	112	345554	55.403	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	121302	56.371	ug/l	99
67) Ethyl Benzene	10.25	91	650940	55.299	ug/l	100
68) m/p-Xylenes	10.36	106	476900	111.365	ug/l	99
69) o-Xylene	10.69	106	230343	55.428	ug/l	99
70) Styrene	10.71	104	409199	57.005	ug/l	99
71) Bromoform	10.85	173	98867	58.178	ug/l #	100
73) Isopropylbenzene	11.02	105	619535	54.618	ug/l	100
74) N-amyl acetate	10.90	43	352614	53.707	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	223175	50.709	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	262086	63.228	ug/l	82
77) Bromobenzene	11.26	156	146944	53.376	ug/l	100
78) n-propylbenzene	11.36	91	741232	55.783	ug/l	100
79) 2-Chlorotoluene	11.42	91	435894	53.933	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	528097	55.069	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	76322	58.973	ug/l	98
82) 4-Chlorotoluene	11.51	91	504888	54.157	ug/l	99
83) tert-Butylbenzene	11.77	119	507031	54.801	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	534794	55.136	ug/l	99
85) sec-Butylbenzene	11.94	105	616920	55.992	ug/l	99
86) p-Isopropyltoluene	12.06	119	561419	57.746	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	268762	54.640	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	268813	54.151	ug/l	99
89) n-Butylbenzene	12.38	91	543210	58.981	ug/l	99
90) Hexachloroethane	12.60	117	93721	57.864	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	260490	52.883	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	47389	49.382	ug/l	100

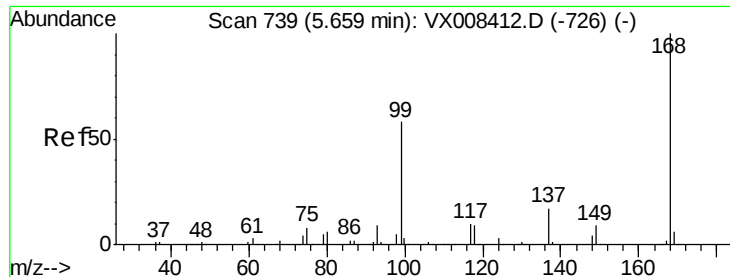
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX032919\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	188676	56.893	ug/l	100
94) Hexachlorobutadiene	13.78	225	92360	58.653	ug/l	99
95) Naphthalene	13.83	128	606663	53.358	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	183382	55.030	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

Instrument :

MSVOA_X

ClientSampleId :

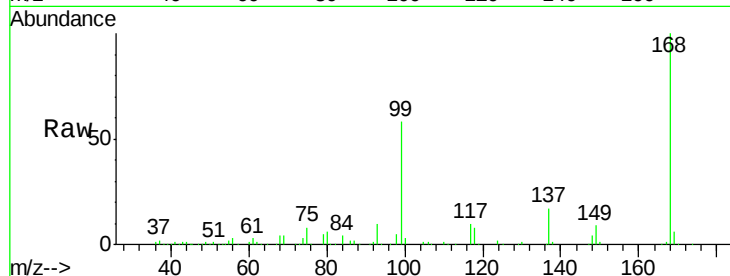
VSTDCCC050

Tgt Ion:168 Resp: 193028

Ion Ratio Lower Upper

168 100

99 57.6 46.0 69.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

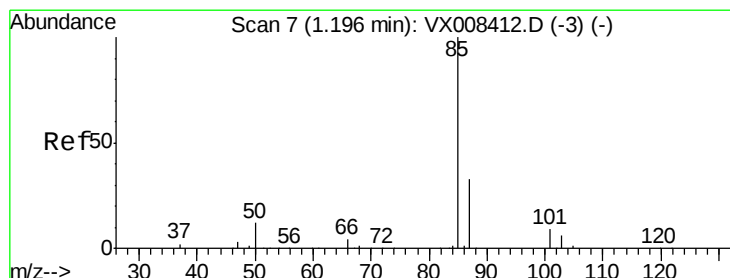
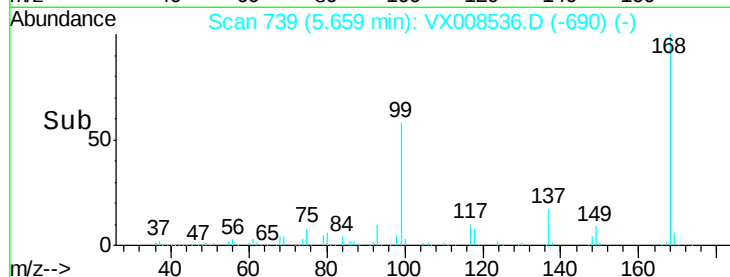
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 47.945 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008536.D

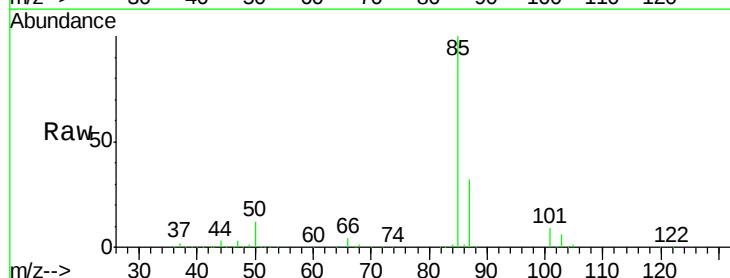
Acq: 29 Mar 2019 10:37

Tgt Ion: 85 Resp: 109088

Ion Ratio Lower Upper

85 100

87 32.1 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

120000

100000

80000

60000

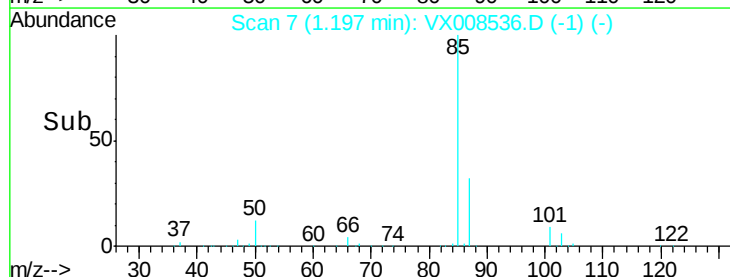
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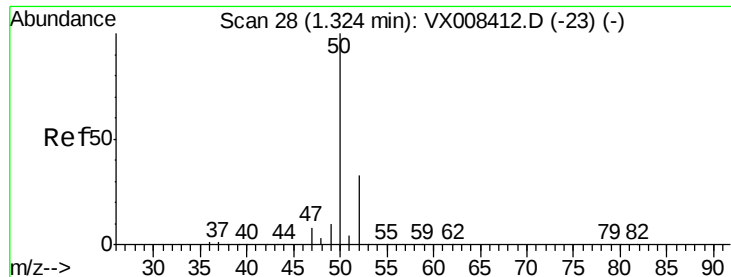
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 49.362 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

Instrument :

MSVOA_X

ClientSampleId :

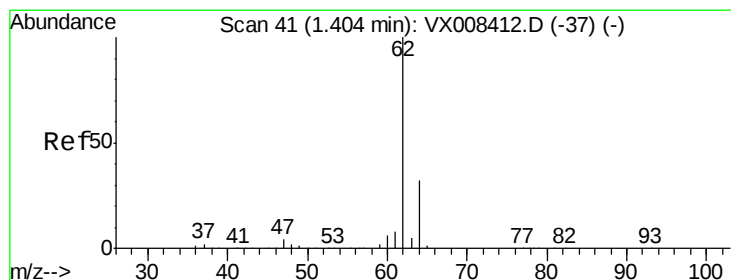
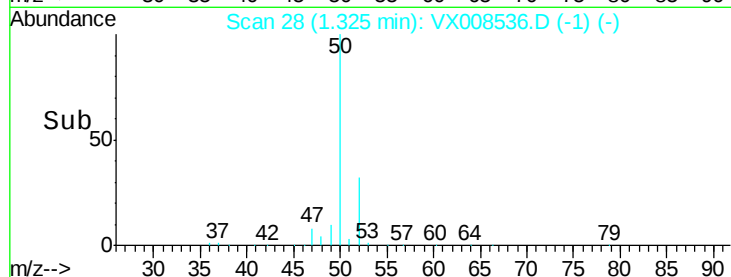
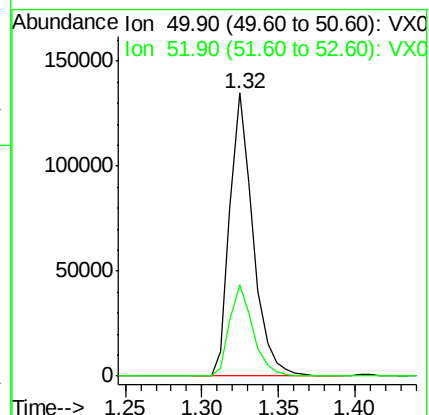
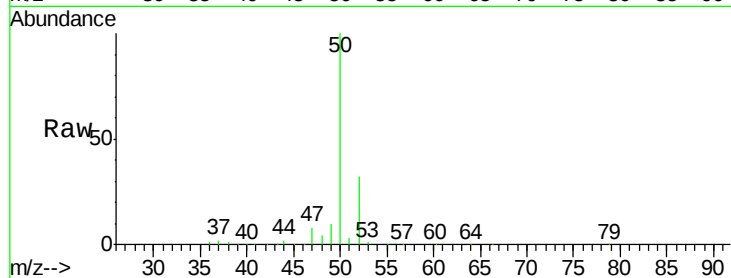
VSTDCCC050

Tgt Ion: 50 Resp: 141757

Ion Ratio Lower Upper

50 100

52 32.2 26.2 39.2



#4

Vinyl Chloride

Concen: 46.784 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX008536.D

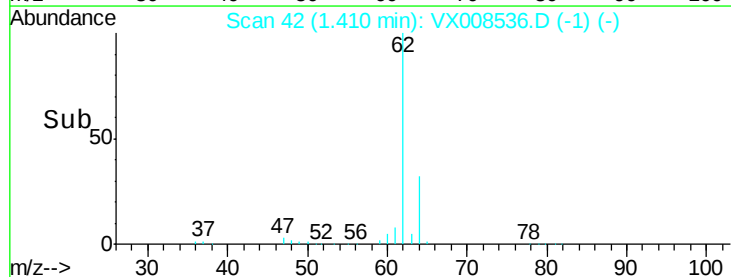
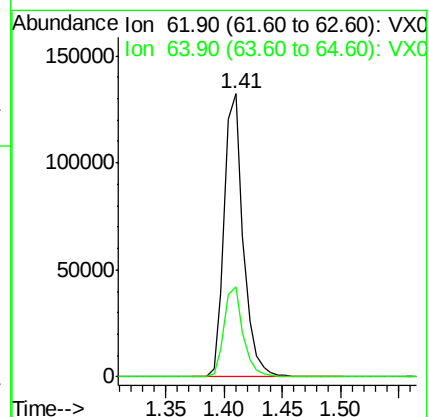
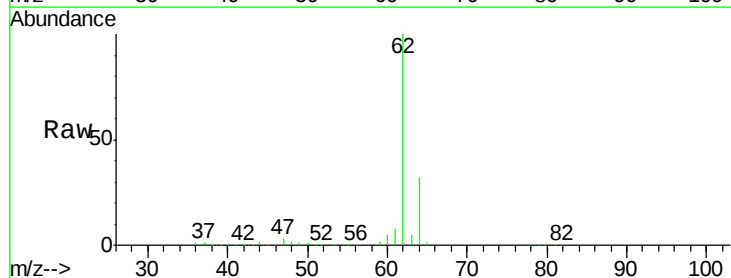
Acq: 29 Mar 2019 10:37

Tgt Ion: 62 Resp: 148626

Ion Ratio Lower Upper

62 100

64 31.7 25.5 38.3





#5

Bromomethane

Concen: 42.809 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

Instrument :

MSVOA_X

ClientSampleId :

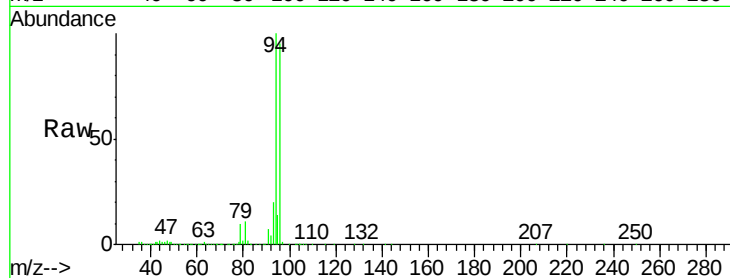
VSTDCCC050

Tgt Ion: 94 Resp: 70929

Ion Ratio Lower Upper

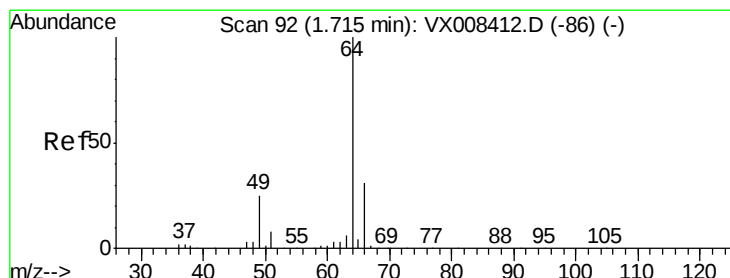
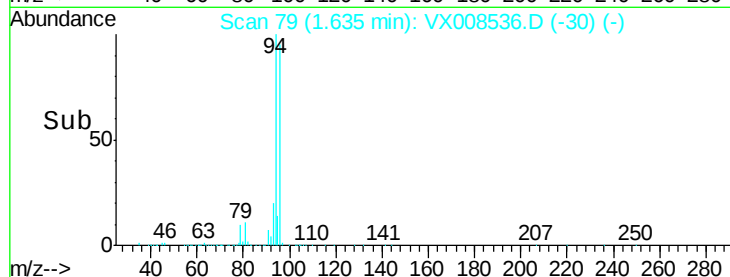
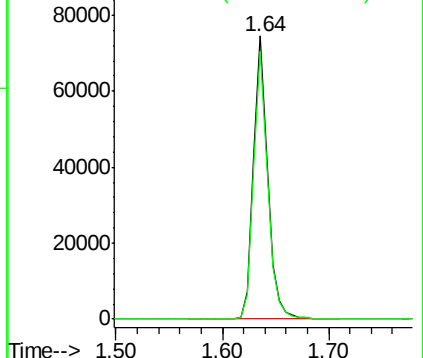
94 100

96 94.5 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.979 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX008536.D

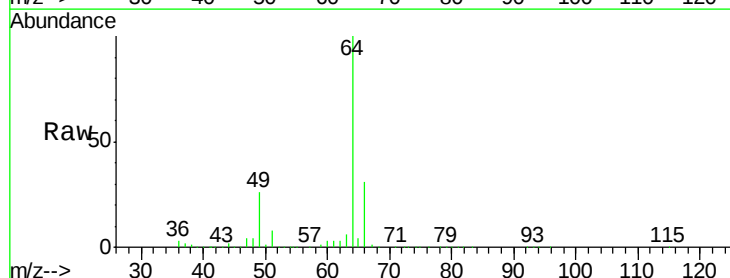
Acq: 29 Mar 2019 10:37

Tgt Ion: 64 Resp: 90296

Ion Ratio Lower Upper

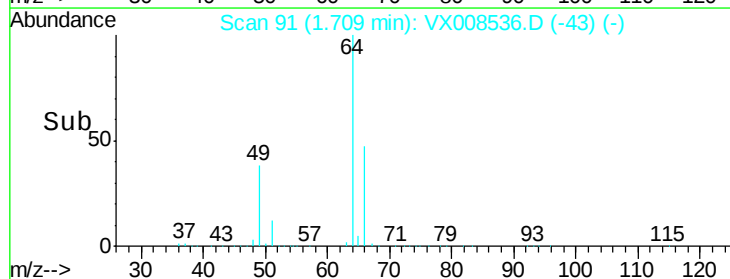
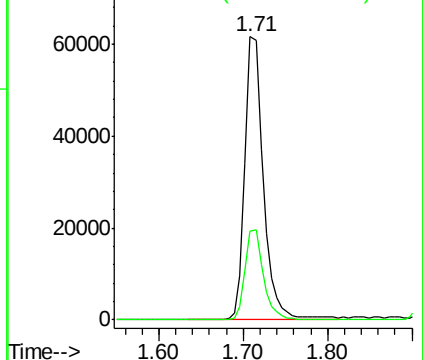
64 100

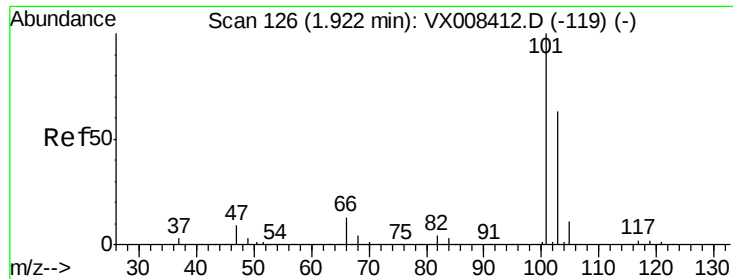
66 31.2 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



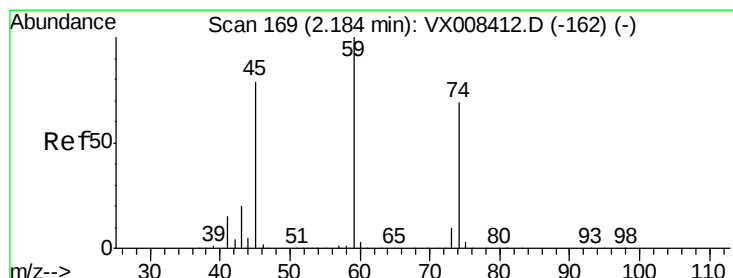
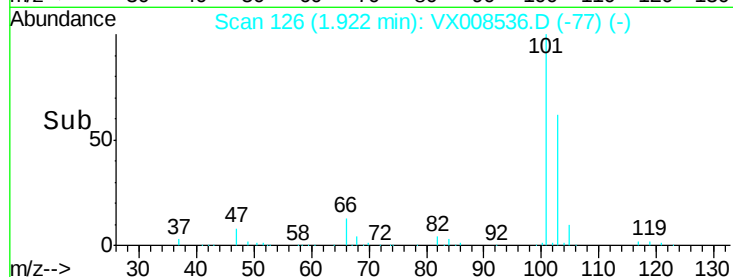
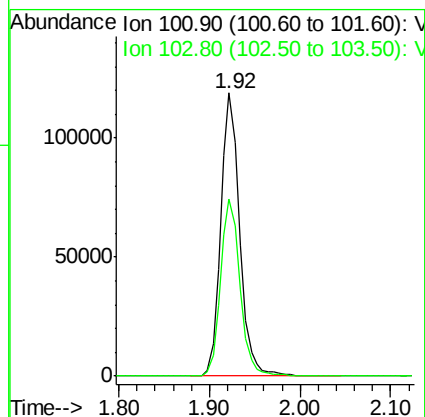
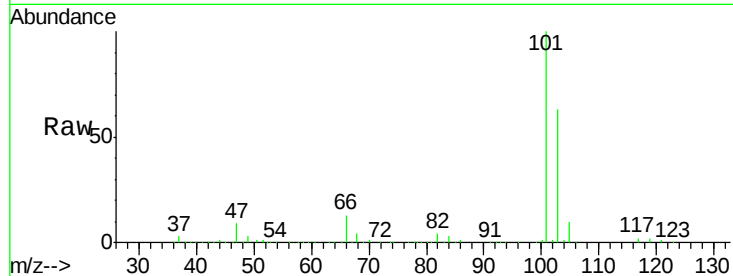


#7

Trichlorofluoromethane
Concen: 48.097 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Instrument :
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ClientSampleId :
VSTDCCC050

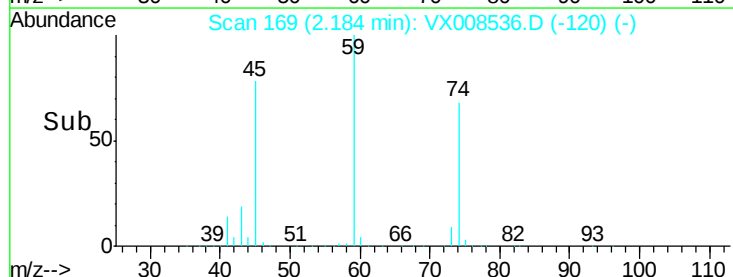
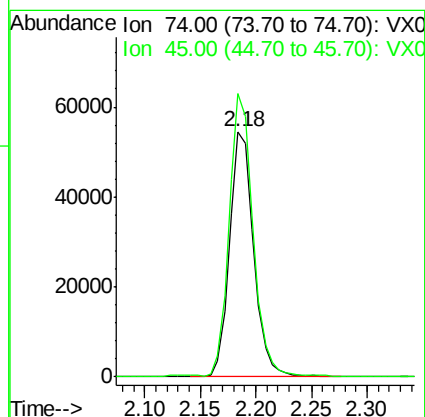
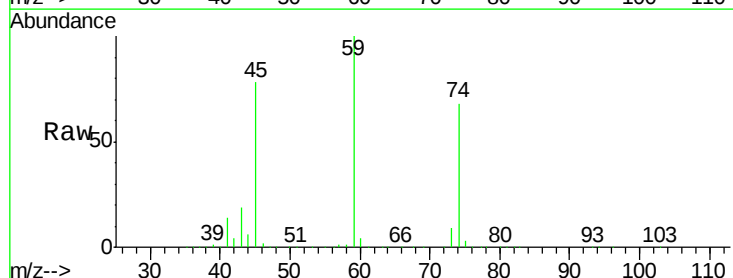
Tgt Ion:101 Resp: 173051
Ion Ratio Lower Upper
101 100
103 62.6 50.2 75.4

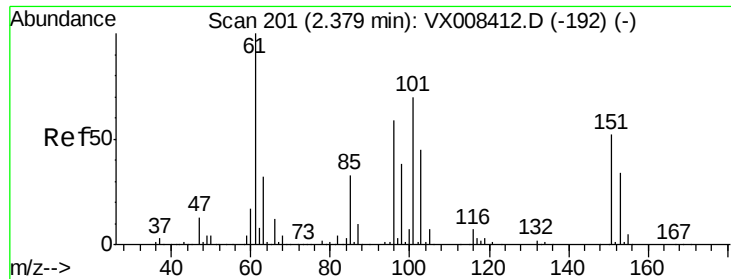


#8

Diethyl Ether
Concen: 47.932 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Tgt Ion: 74 Resp: 81617
Ion Ratio Lower Upper
74 100
45 113.8 56.4 169.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.810 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

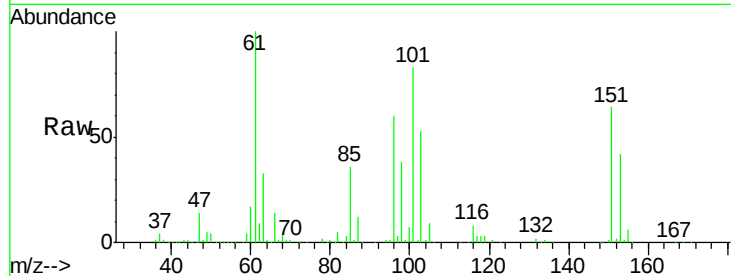
Tgt Ion:101 Resp: 112659

Ion Ratio Lower Upper

101 100

85 44.0 36.0 54.0

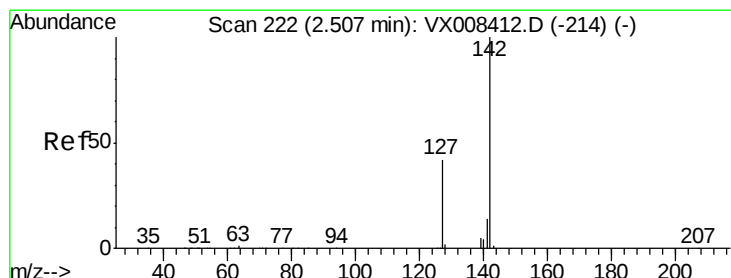
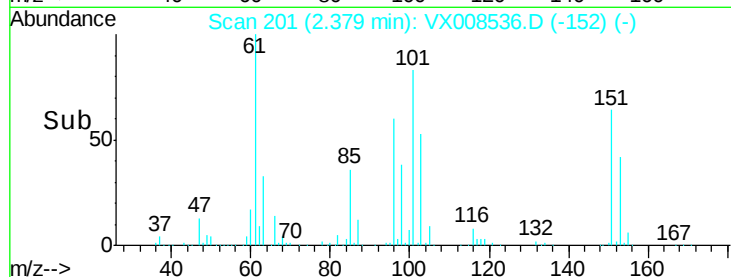
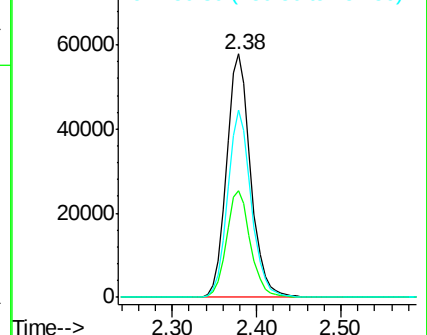
151 75.5 59.2 88.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.013 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

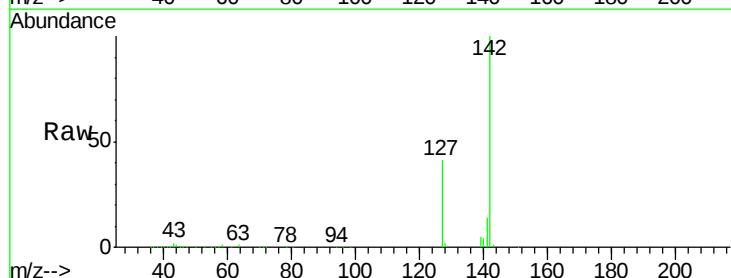
Tgt Ion:142 Resp: 94287

Ion Ratio Lower Upper

142 100

127 41.8 33.6 50.4

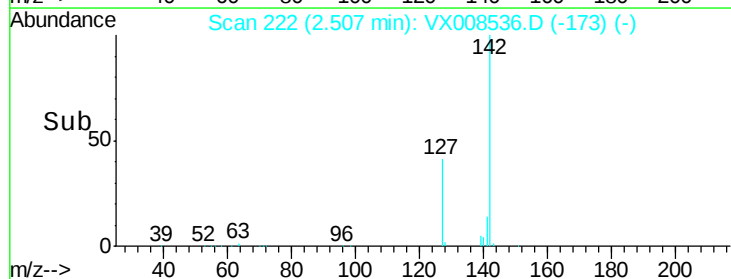
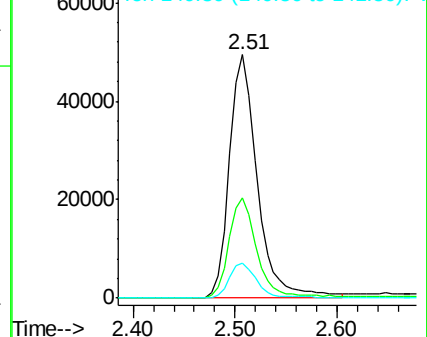
141 14.6 11.3 16.9

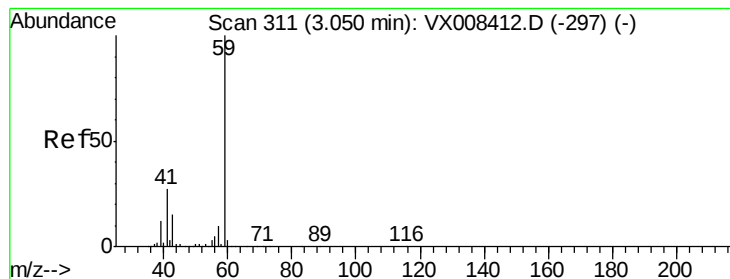


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 253.936 ug/l

RT: 3.05 min Scan# 311

Delta R.T. 0.00 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

Instrument :

MSVOA_X

ClientSampleId :

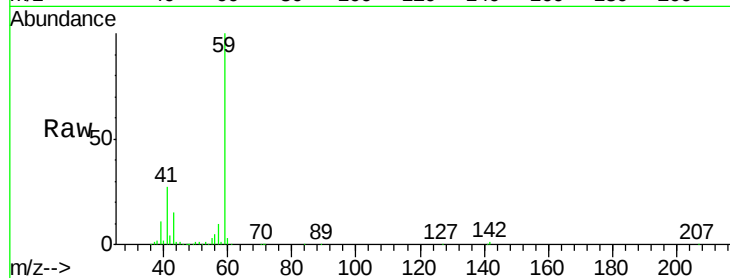
VSTDCCC050

Tgt Ion: 59 Resp: 164641

Ion Ratio Lower Upper

59 100

57 10.5 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VX008412.D (-297) (-)

Ion 57.00 (56.70 to 57.70): VX008412.D (-297) (-)

3.05

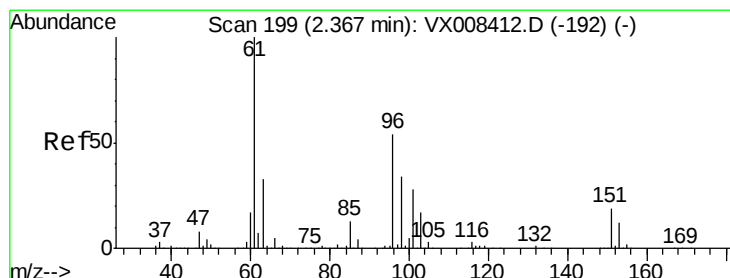
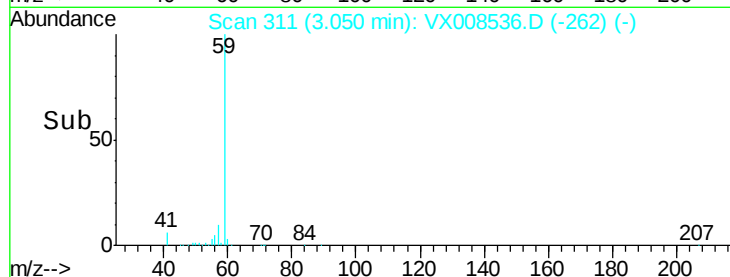
60000

40000

20000

0

Time--> 2.90 3.00 3.10



#12

1,1-Dichloroethene

Concen: 48.342 ug/l

RT: 2.37 min Scan# 199

Delta R.T. 0.00 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

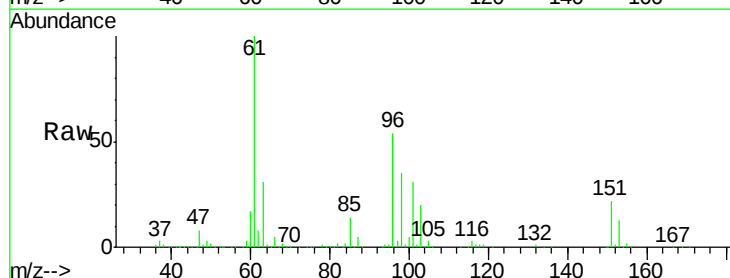
Tgt Ion: 96 Resp: 108561

Ion Ratio Lower Upper

96 100

61 184.0 146.9 220.3

98 63.7 50.1 75.1



Abundance Ion 95.90 (95.60 to 96.60): VX008412.D (-192) (-)

Ion 60.90 (60.60 to 61.60): VX008412.D (-192) (-)

Ion 97.90 (97.60 to 98.60): VX008412.D (-192) (-)

2.37

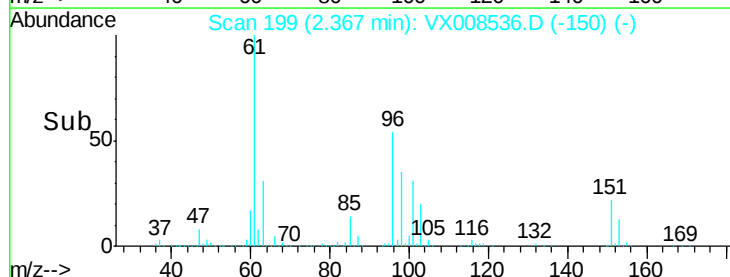
150000

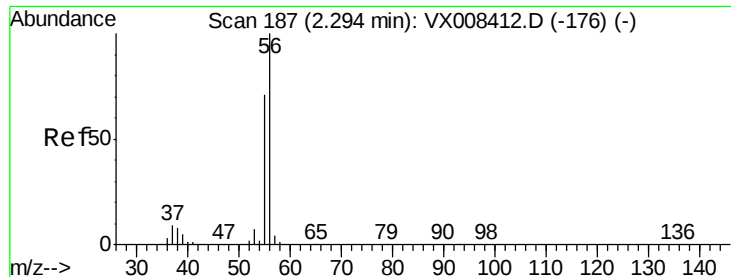
100000

50000

0

Time--> 2.30 2.35 2.40 2.45 2.50





#13

Acrolein

Concen: 312.394 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

Instrument :

MSVOA_X

ClientSampleId :

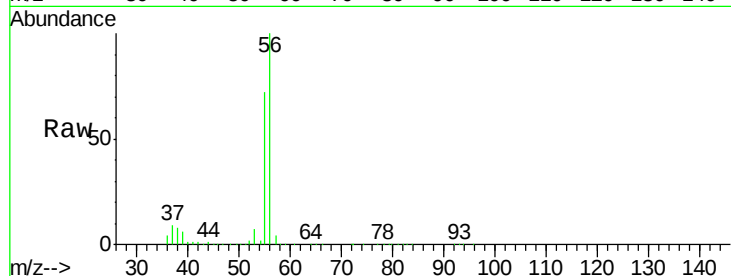
VSTDCCC050

Tgt Ion: 56 Resp: 147085

Ion Ratio Lower Upper

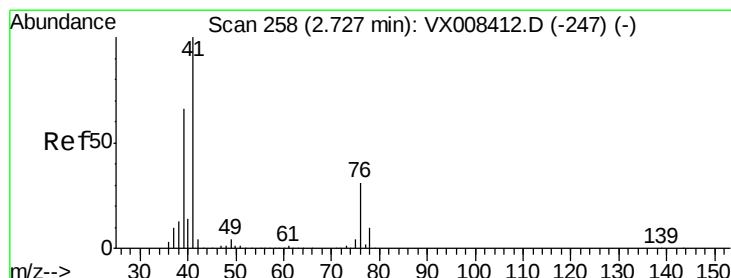
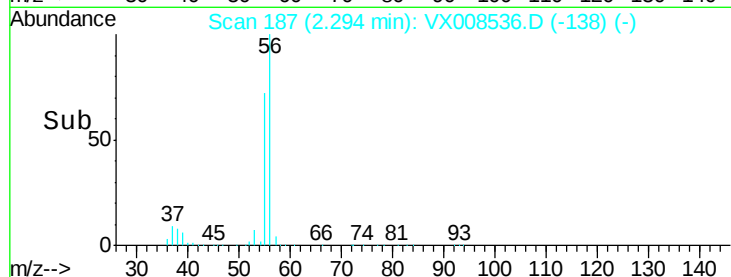
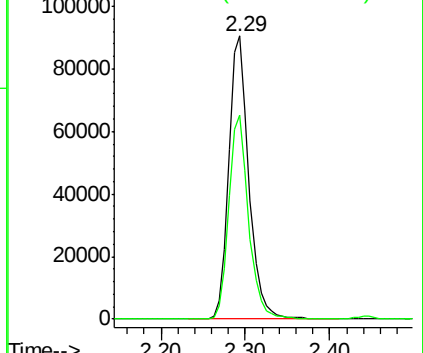
56 100

55 71.5 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 51.800 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

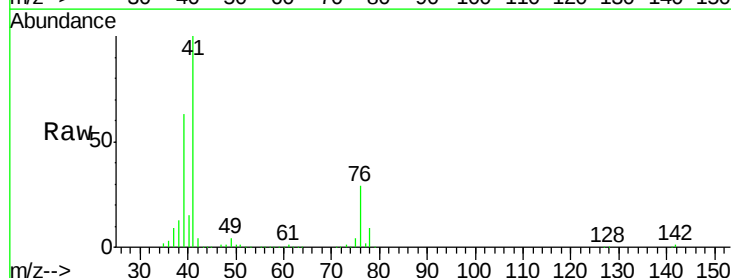
Tgt Ion: 41 Resp: 256275

Ion Ratio Lower Upper

41 100

39 60.8 49.6 74.4

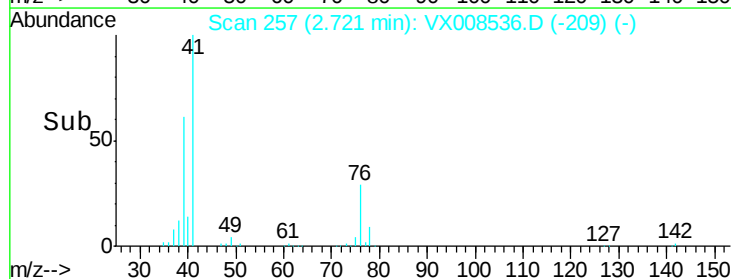
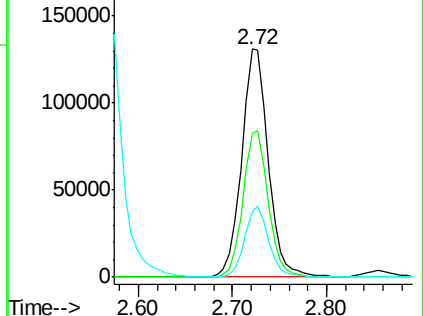
76 28.0 22.6 34.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 250.246 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

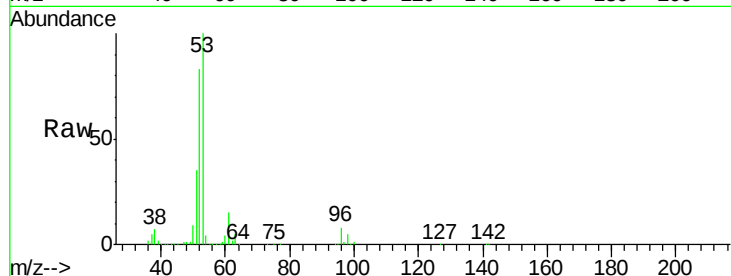
Tgt Ion: 53 Resp: 425445

Ion Ratio Lower Upper

53 100

52 83.1 66.5 99.7

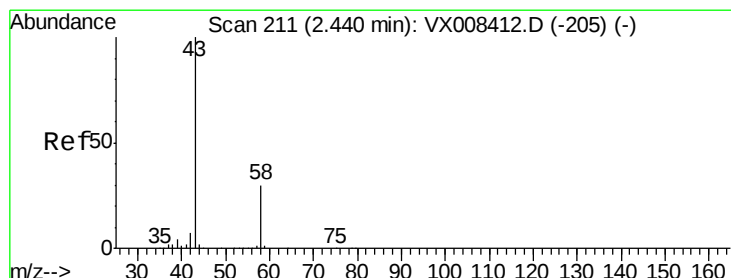
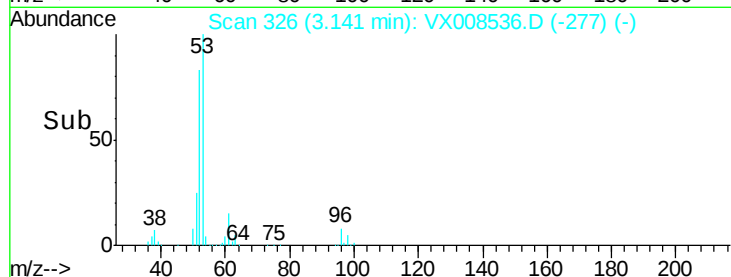
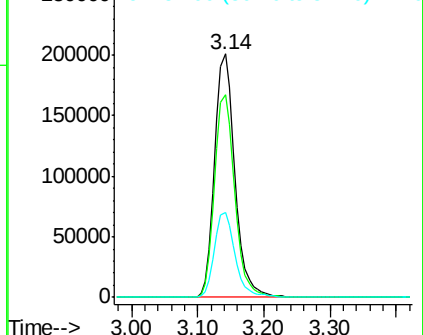
51 35.8 28.3 42.5



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: 264.578 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.00 min

Lab File: VX008536.D

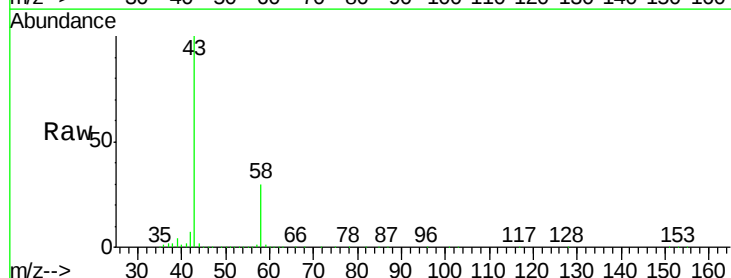
Acq: 29 Mar 2019 10:37

Tgt Ion: 43 Resp: 404665

Ion Ratio Lower Upper

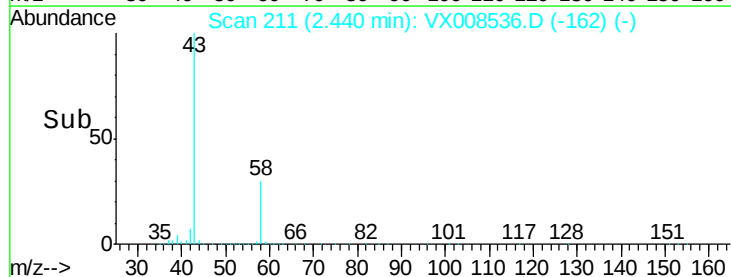
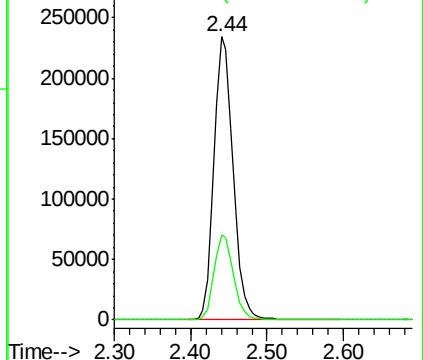
43 100

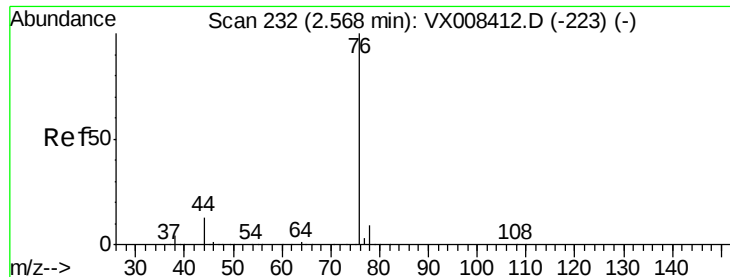
58 30.2 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

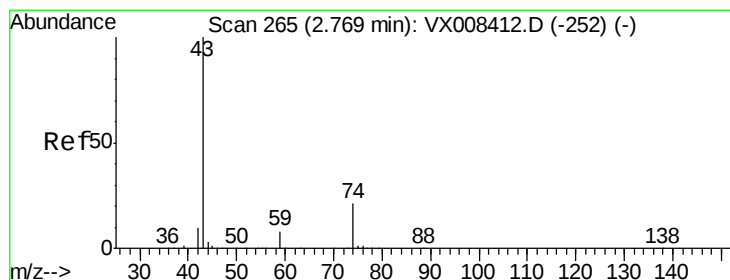
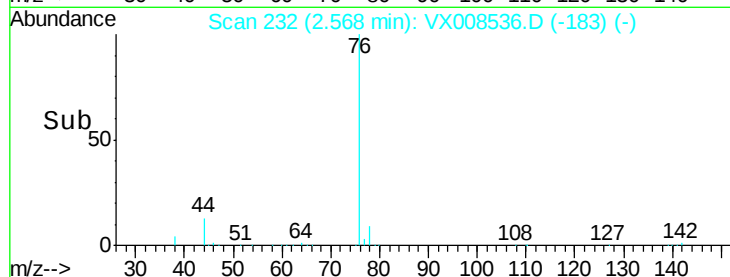
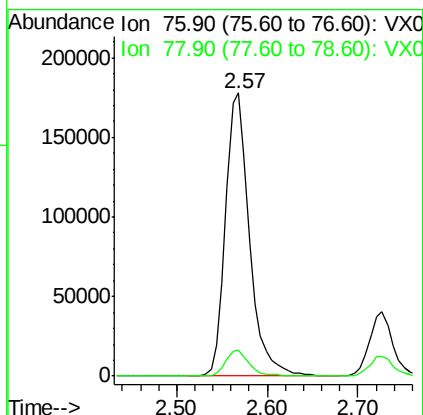
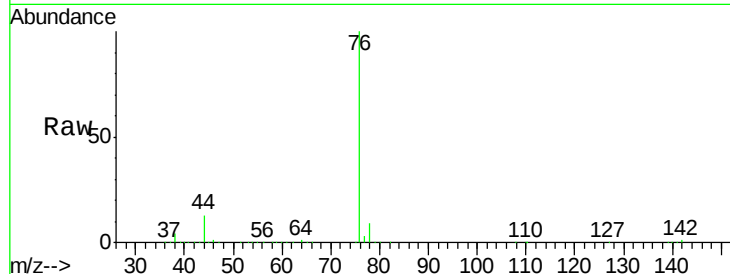




#17
Carbon Disulfide
Concen: 50.794 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

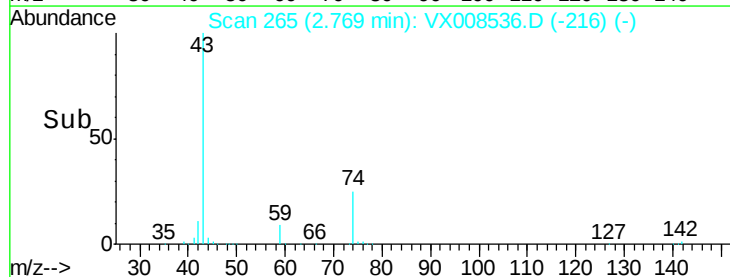
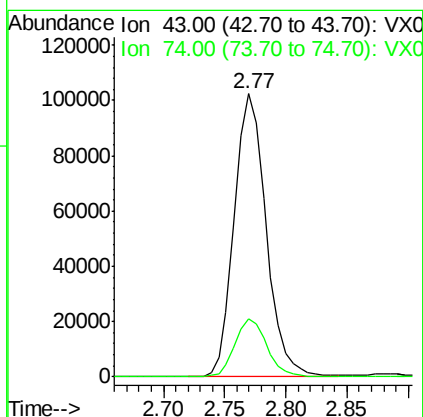
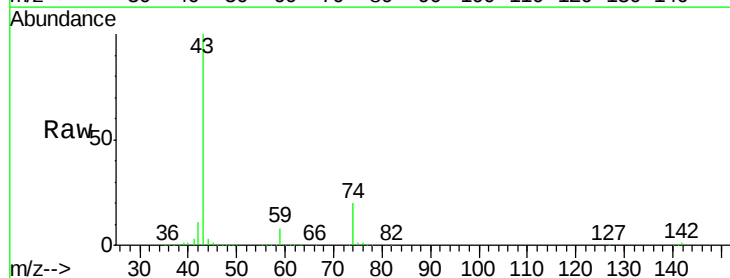
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

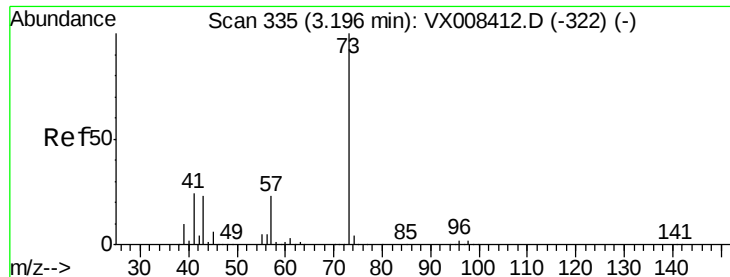
Tgt Ion: 76 Resp: 327232
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#18
Methyl Acetate
Concen: 50.329 ug/l
RT: 2.77 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Tgt Ion: 43 Resp: 184877
Ion Ratio Lower Upper
43 100
74 21.1 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 52.776 ug/l

RT: 3.19 min Scan# 334

Delta R.T. -0.01 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

Instrument :

MSVOA_X

ClientSampleId :

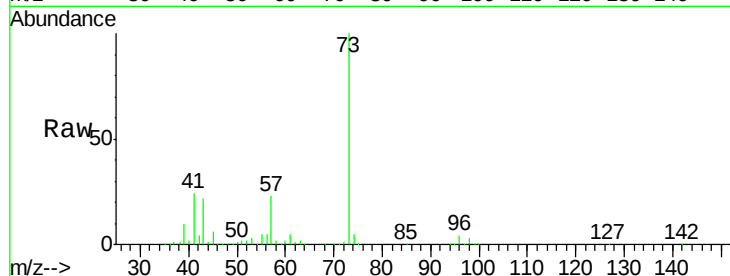
VSTDCCC050

Tgt Ion: 73 Resp: 427087

Ion Ratio Lower Upper

73 100

57 23.4 18.6 28.0



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.19

200000

150000

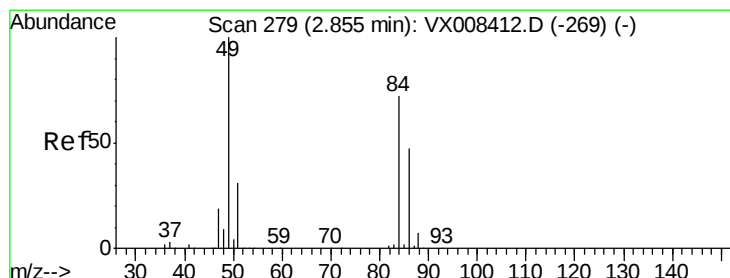
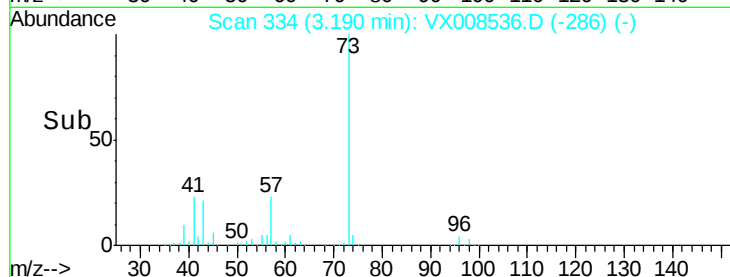
100000

50000

0

3.10 3.20 3.30

Time-->



#20

Methylene Chloride

Concen: 53.965 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

Tgt Ion: 84 Resp: 134581

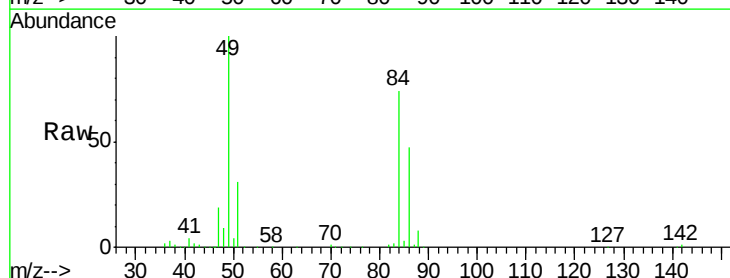
Ion Ratio Lower Upper

84 100

49 135.7 110.6 165.8

51 42.3 33.9 50.9

86 64.2 52.2 78.2



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

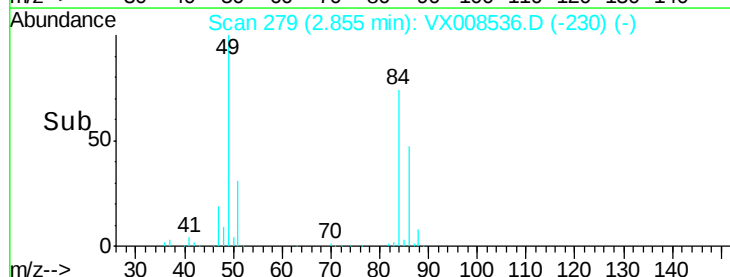
100000

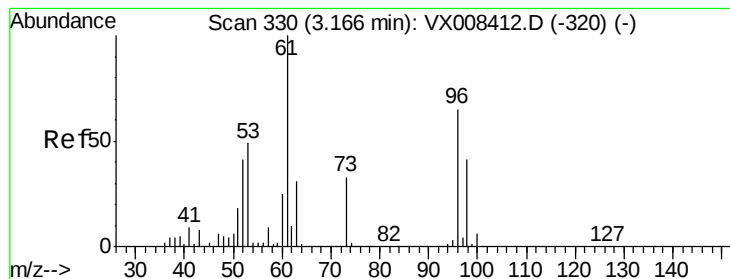
50000

0

2.80 2.90 3.00

Time-->





#21

trans-1,2-Dichloroethene

Concen: 53.581 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

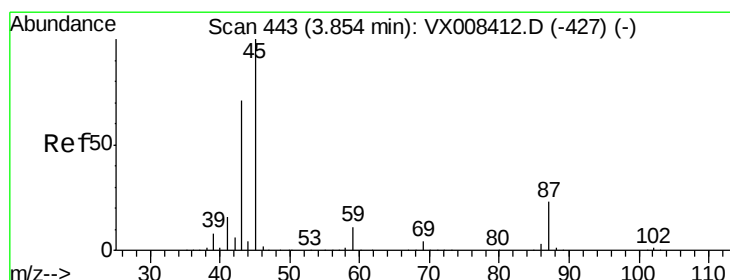
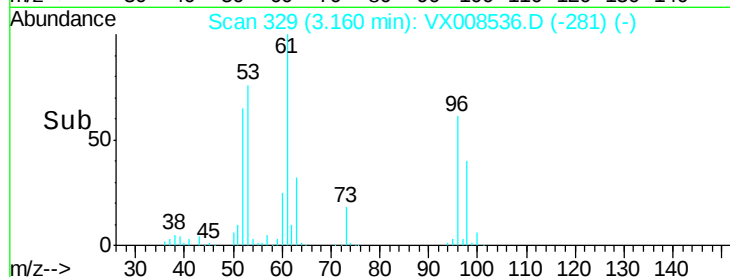
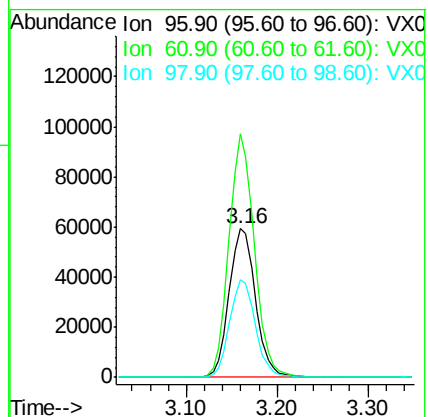
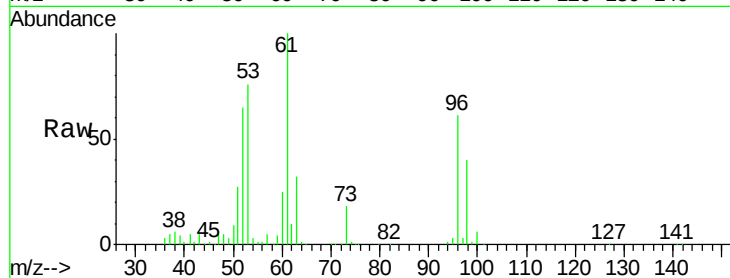
Tgt Ion: 96 Resp: 119853

Ion Ratio Lower Upper

96 100

61 163.6 122.6 184.0

98 65.8 50.9 76.3



#22

Diisopropyl ether

Concen: 52.251 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

Tgt Ion: 45 Resp: 509012

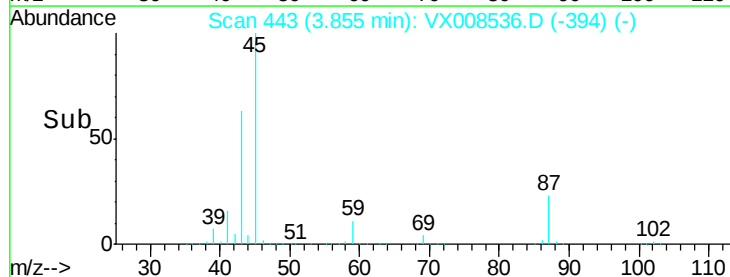
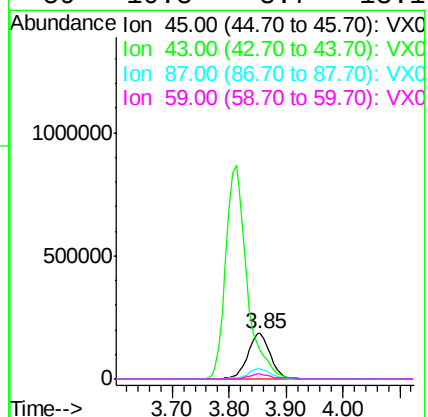
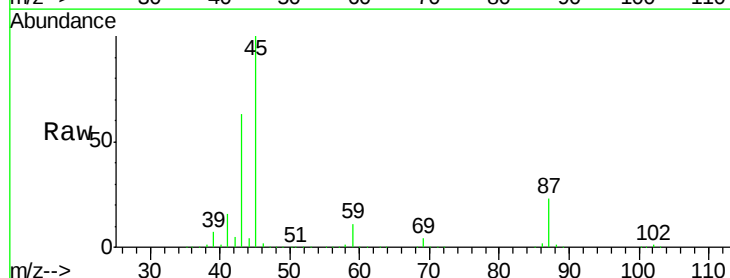
Ion Ratio Lower Upper

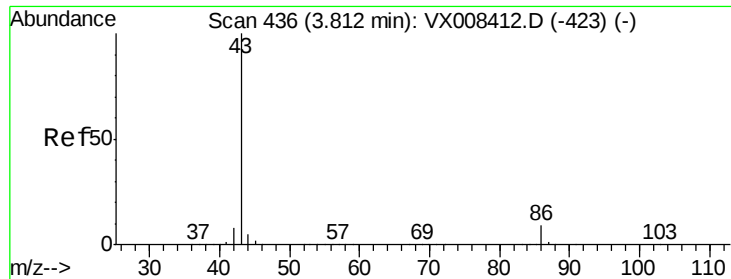
45 100

43 63.2 57.1 85.7

87 23.3 18.8 28.2

59 10.8 8.7 13.1





#23

Vinyl Acetate

Concen: 263.710 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

Instrument :

MSVOA_X

ClientSampleId :

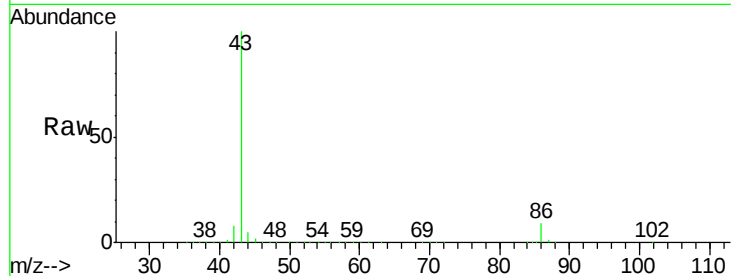
VSTDCCC050

Tgt Ion: 43 Resp: 2241294

Ion Ratio Lower Upper

43 100

86 8.8 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

800000

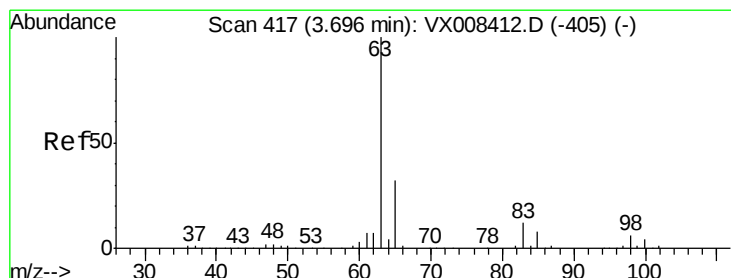
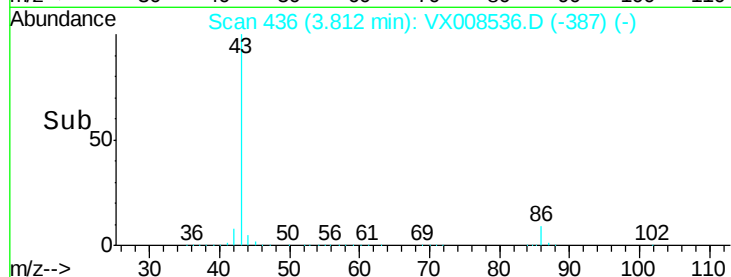
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.186 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

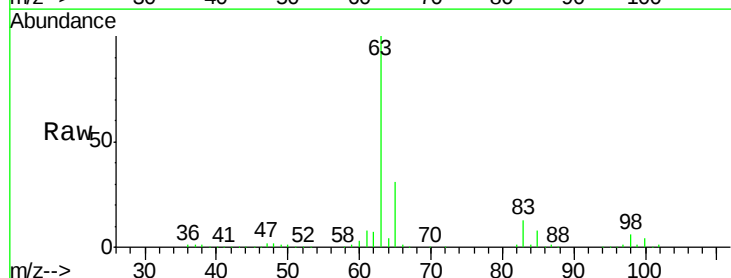
Tgt Ion: 63 Resp: 251741

Ion Ratio Lower Upper

63 100

98 6.3 3.2 9.6

100 3.7 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

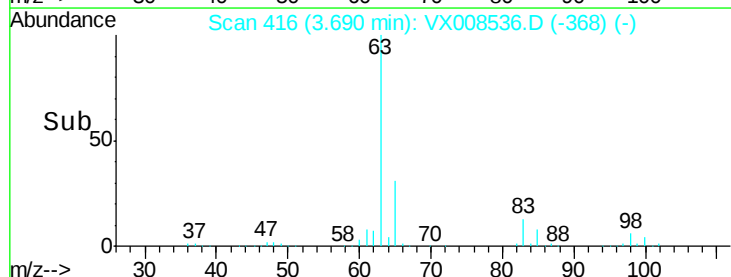
3.69

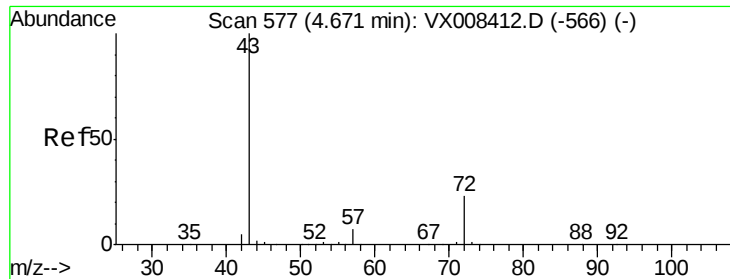
100000

50000

0

Time-->





#25

2-Butanone

Concen: 261.198 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

Instrument :

MSVOA_X

ClientSampleId :

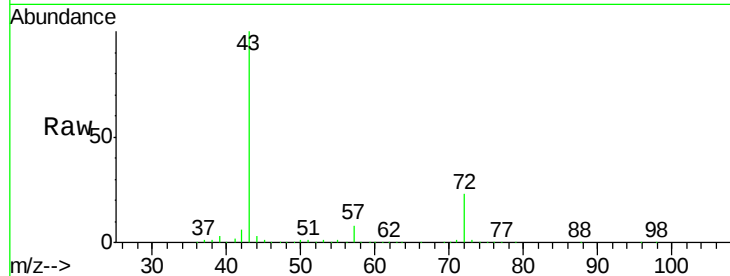
VSTDCCC050

Tgt Ion: 43 Resp: 640462

Ion Ratio Lower Upper

43 100

72 22.9 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

200000

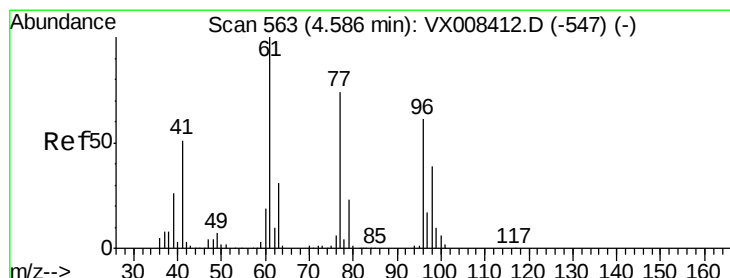
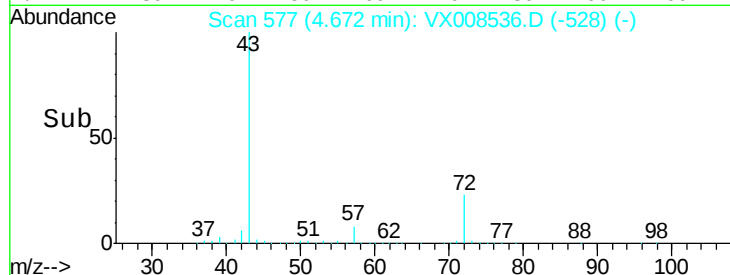
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 56.643 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008536.D

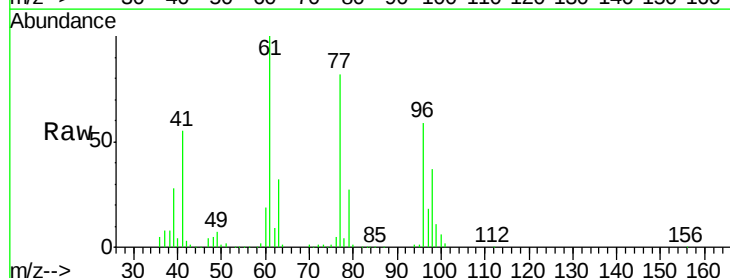
Acq: 29 Mar 2019 10:37

Tgt Ion: 77 Resp: 185289

Ion Ratio Lower Upper

77 100

97 23.1 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

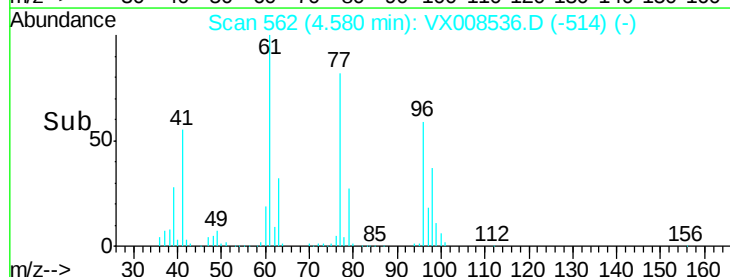
60000

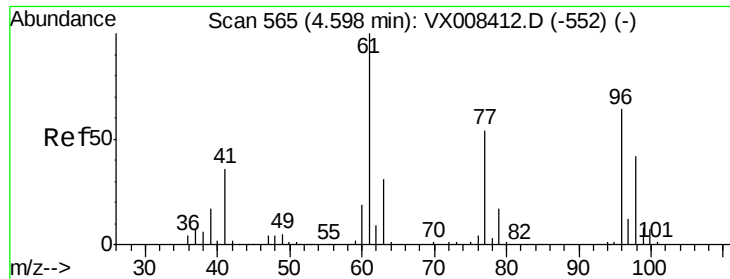
40000

20000

0

Time-->



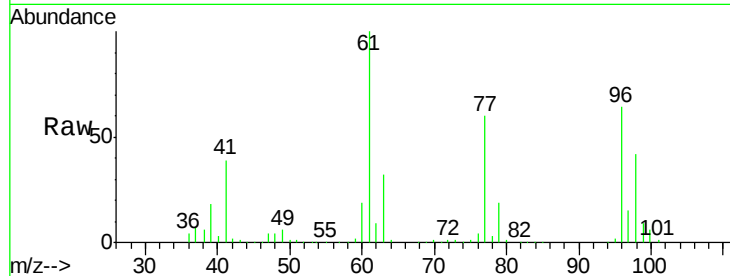


#27

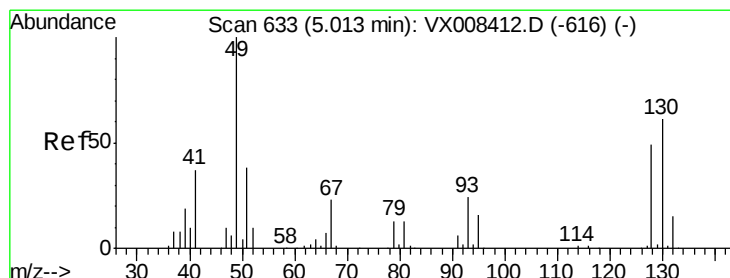
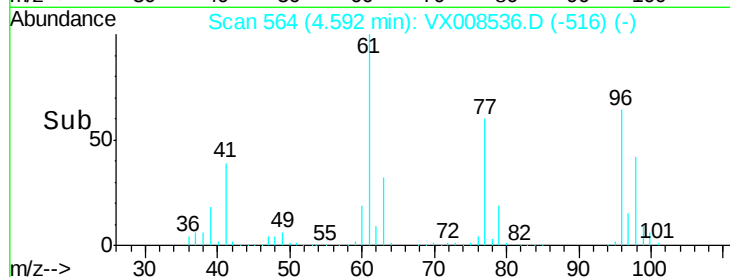
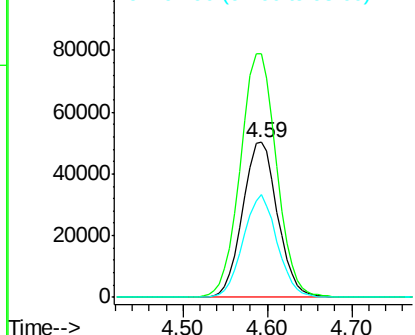
cis-1,2-Dichloroethene
 Concen: 51.708 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX008536.D
 Acq: 29 Mar 2019 10:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 141992
 Ion Ratio Lower Upper
 96 100
 61 162.5 0.0 325.6
 98 64.1 0.0 130.0



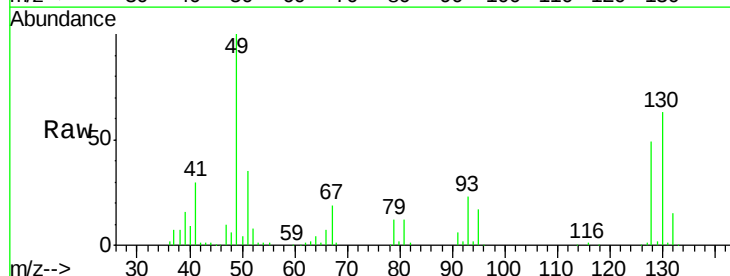
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



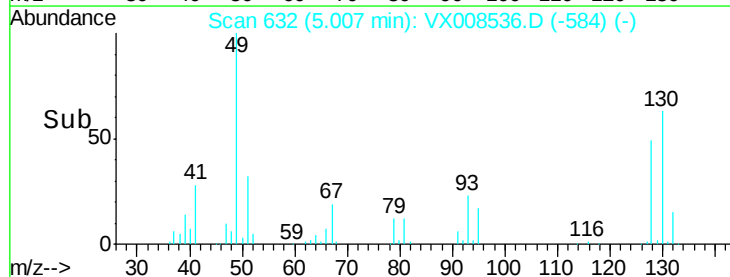
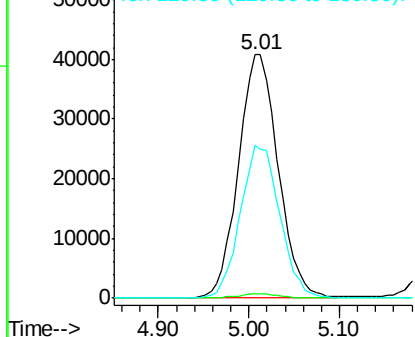
#28

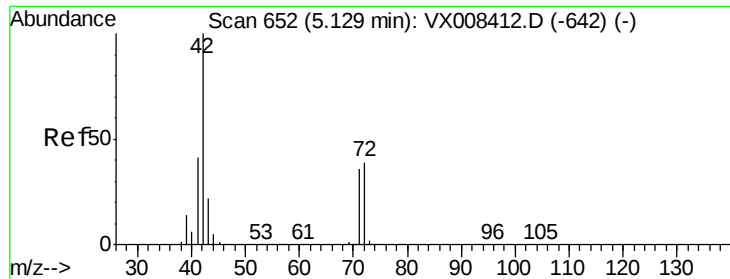
Bromochloromethane
 Concen: 50.804 ug/l
 RT: 5.01 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: VX008536.D
 Acq: 29 Mar 2019 10:37

Tgt Ion: 49 Resp: 123443
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.4
 130 62.6 49.8 74.6



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





#29

Tetrahydrofuran

Concen: 248.975 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

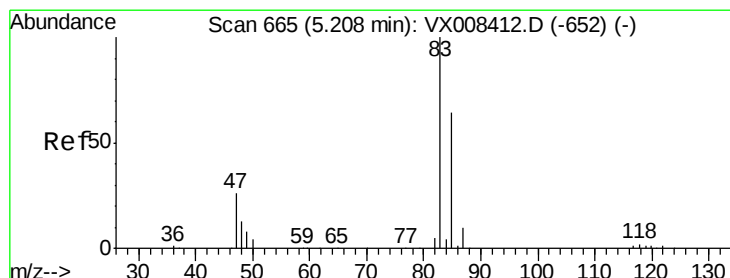
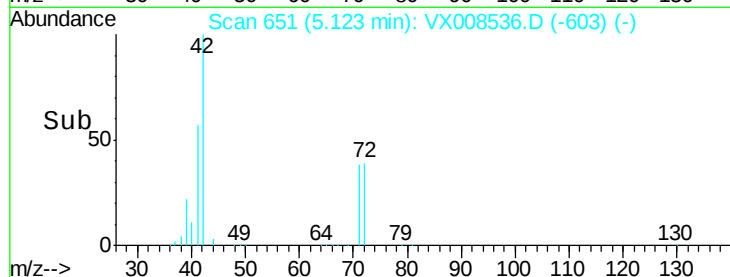
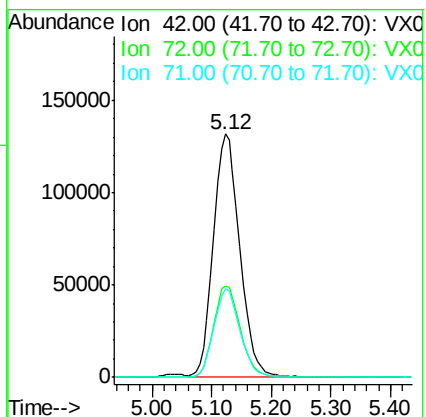
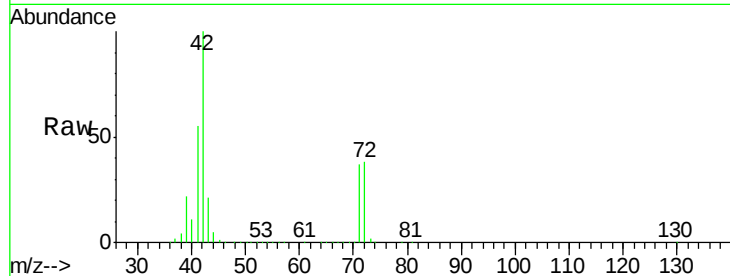
Tgt Ion: 42 Resp: 402359

Ion Ratio Lower Upper

42 100

72 38.3 31.4 47.2

71 36.1 29.4 44.2



#30

Chloroform

Concen: 51.676 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX008536.D

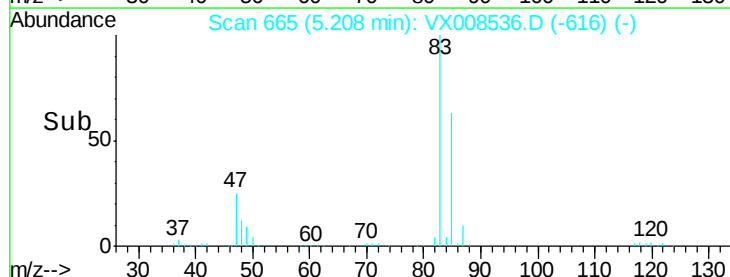
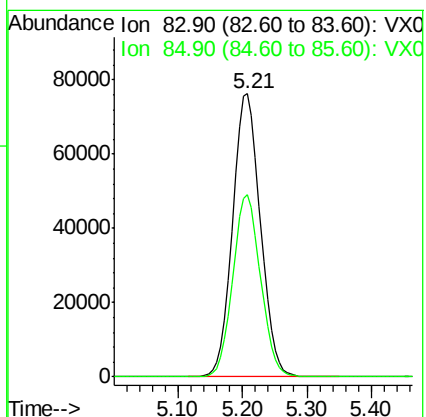
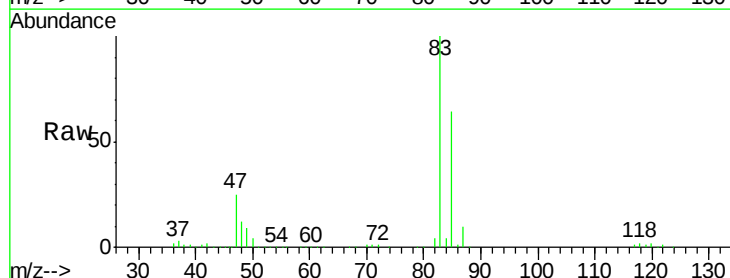
Acq: 29 Mar 2019 10:37

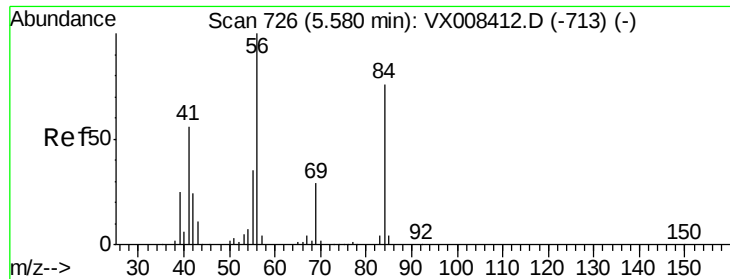
Tgt Ion: 83 Resp: 229361

Ion Ratio Lower Upper

83 100

85 64.3 51.4 77.2

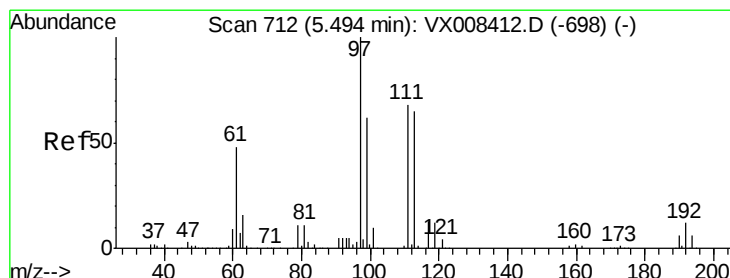
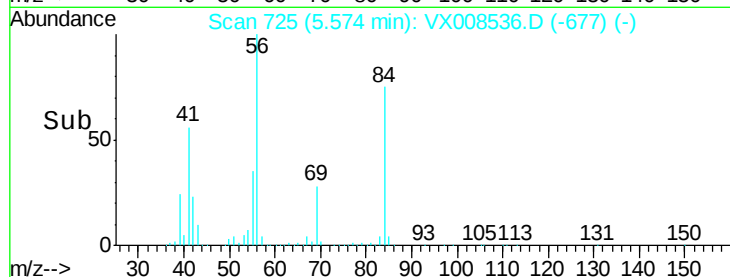
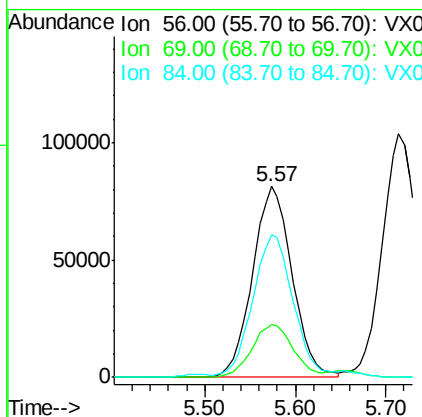
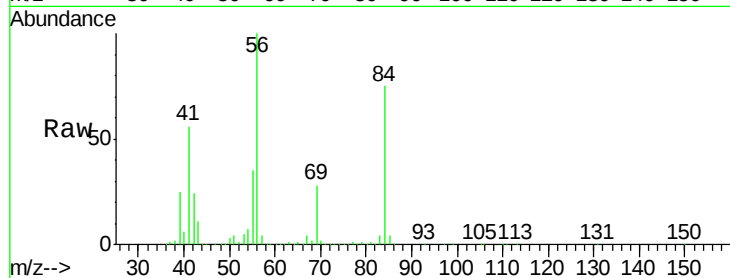




#31
Cyclohexane
Concen: 52.254 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

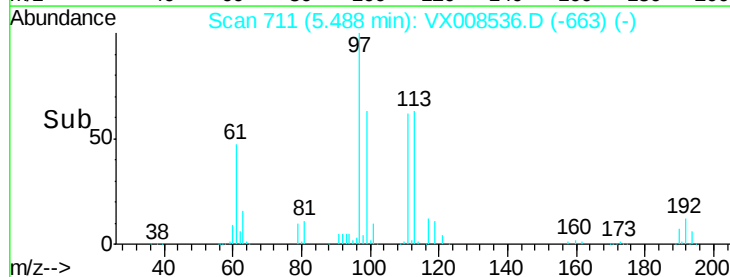
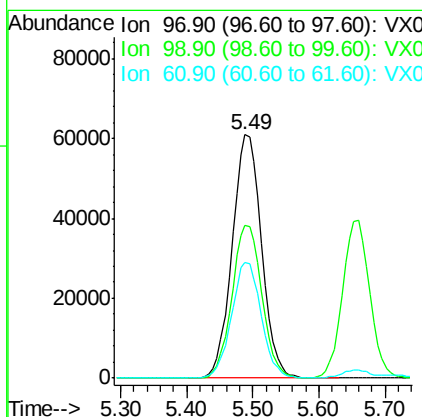
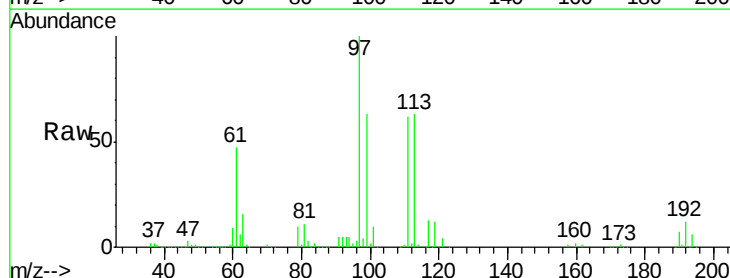
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

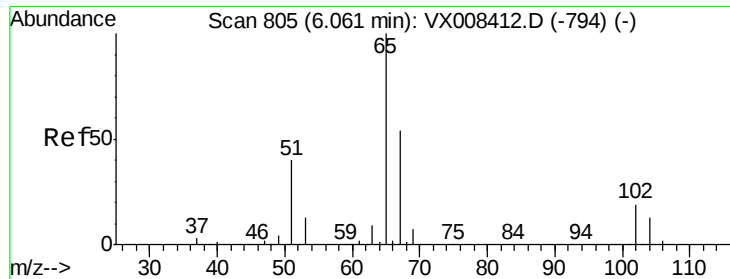
Tgt Ion: 56 Resp: 245103
Ion Ratio Lower Upper
56 100
69 27.9 23.2 34.8
84 73.6 60.7 91.1



#32
1,1,1-Trichloroethane
Concen: 52.915 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Tgt Ion: 97 Resp: 187730
Ion Ratio Lower Upper
97 100
99 64.0 51.5 77.3
61 48.0 38.8 58.2

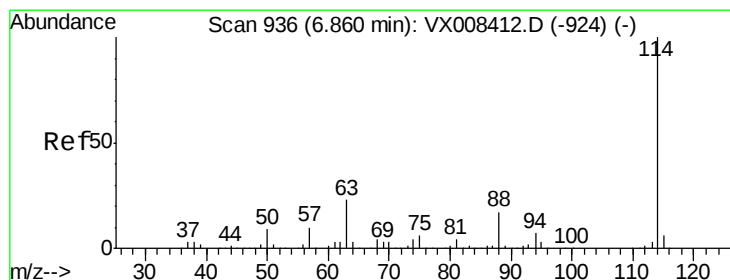
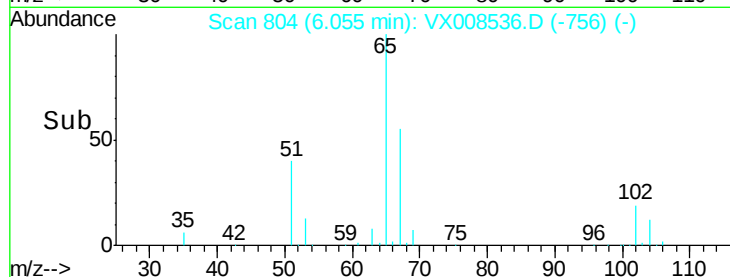
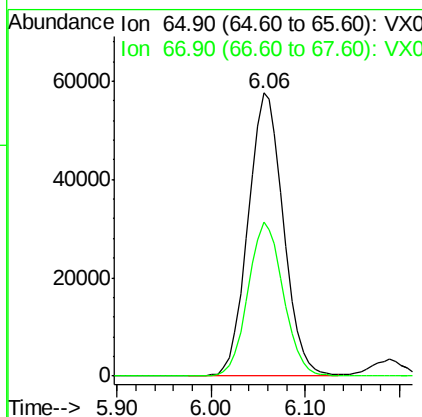
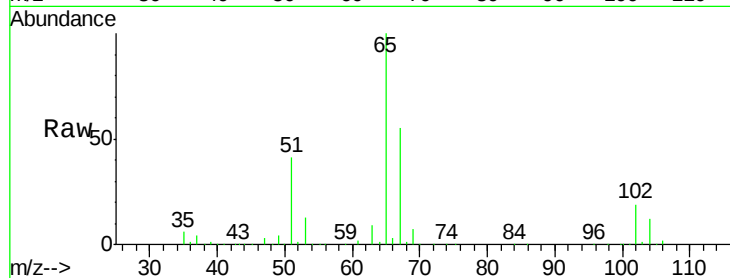




#33
 1,2-Dichloroethane-d4
 Concen: 51.812 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX008536.D
 Acq: 29 Mar 2019 10:37

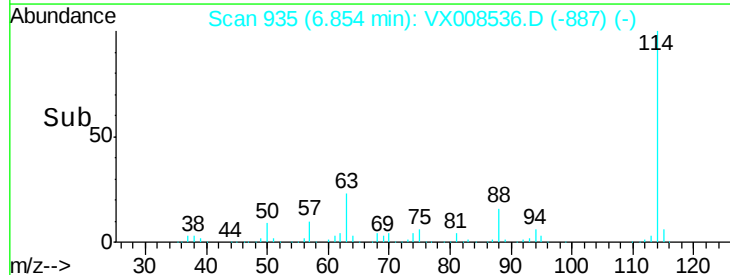
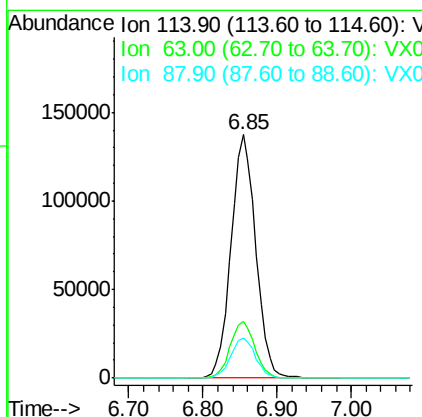
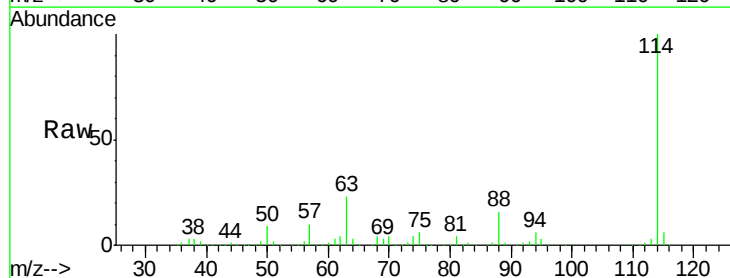
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

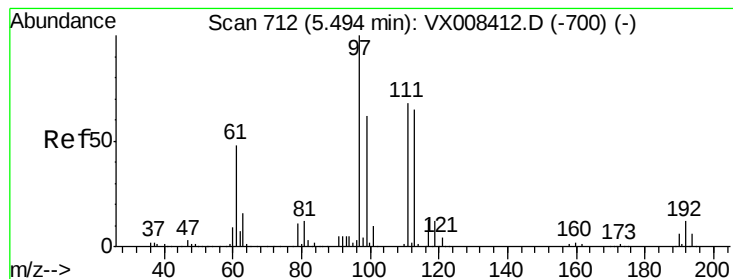
Tgt Ion: 65 Resp: 151621
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX008536.D
 Acq: 29 Mar 2019 10:37

Tgt Ion: 114 Resp: 319284
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 46.4
 88 16.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 53.967 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

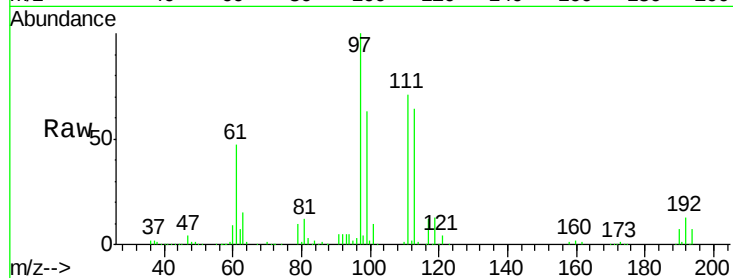
Tgt Ion:113 Resp: 112352

Ion Ratio Lower Upper

113 100

111 104.5 83.0 124.4

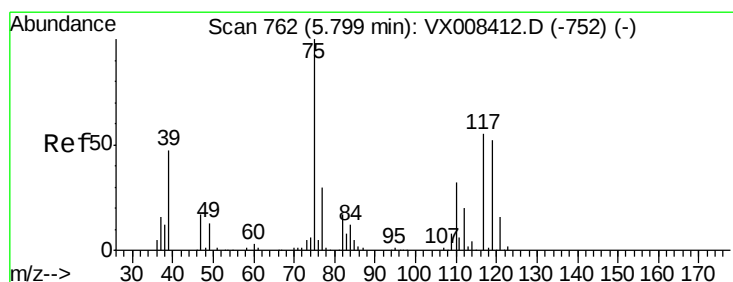
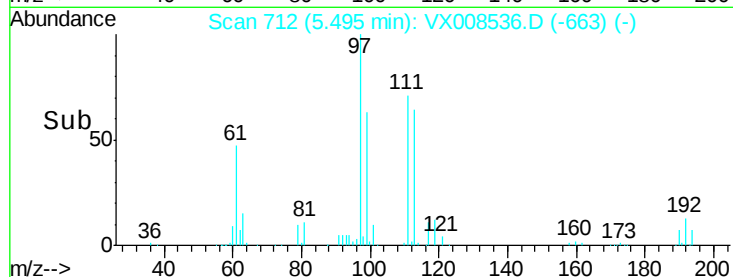
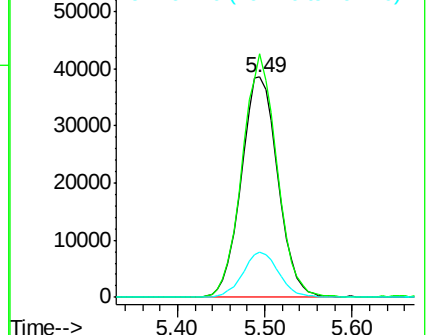
192 20.2 15.6 23.4



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: 53.290 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

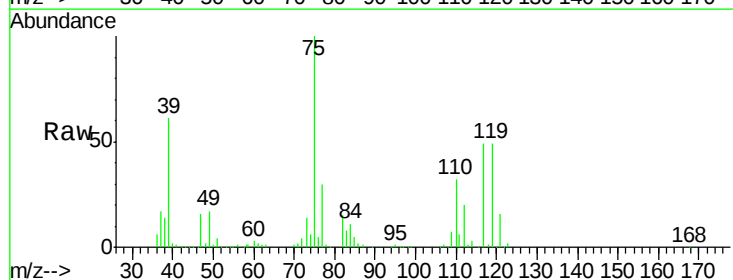
Tgt Ion: 75 Resp: 181414

Ion Ratio Lower Upper

75 100

110 33.1 16.6 49.7

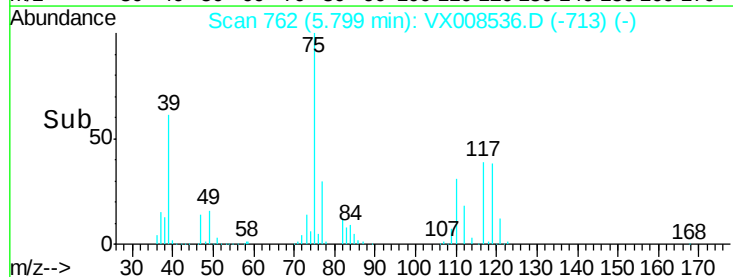
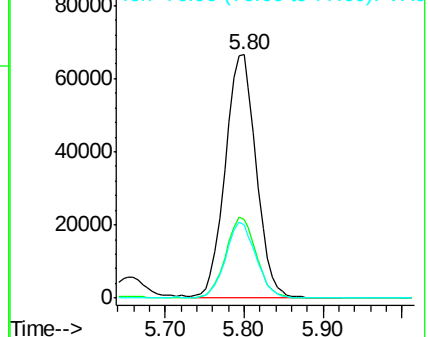
77 30.8 24.2 36.2

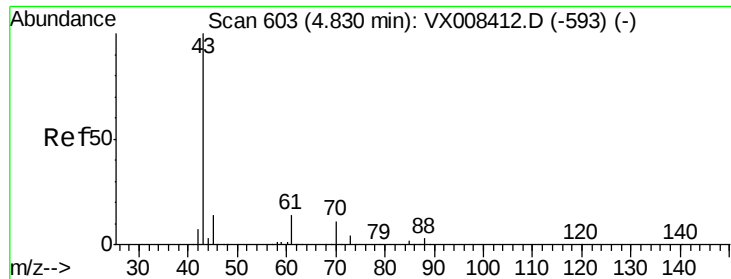


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

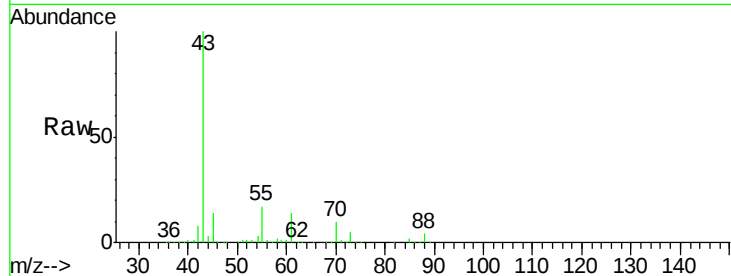




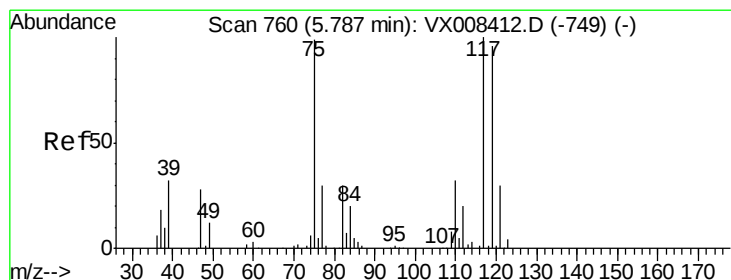
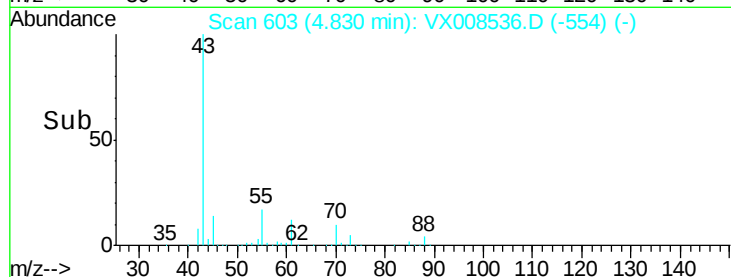
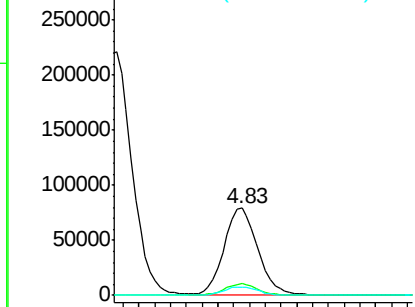
#37
Ethyl Acetate
Concen: 53.286 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 235001
Ion Ratio Lower Upper
43 100
61 12.8 10.5 15.7
70 9.7 7.8 11.8

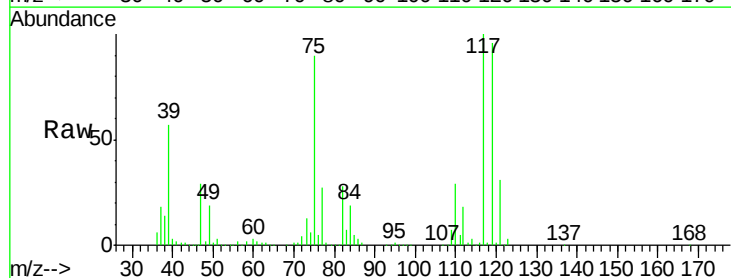


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

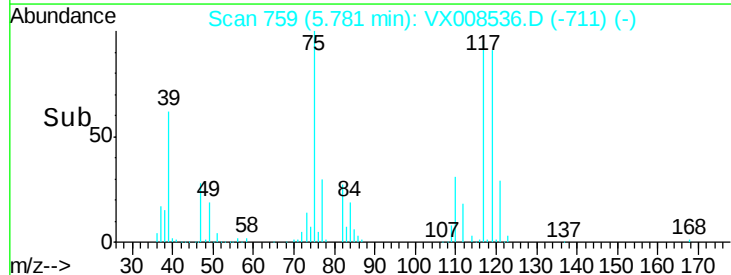
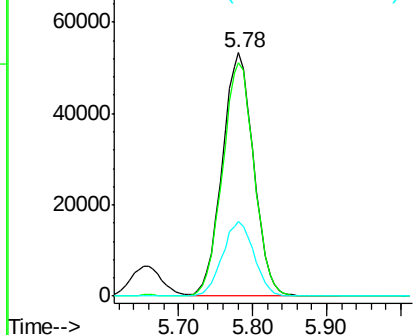


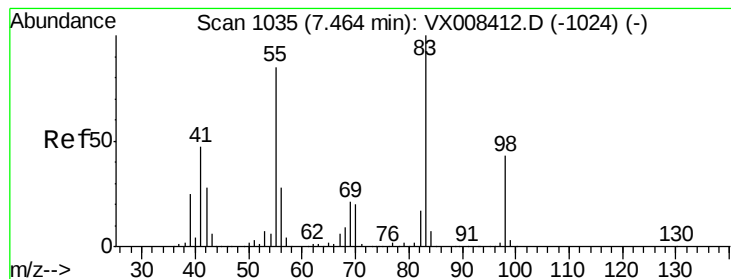
#38
Carbon Tetrachloride
Concen: 55.063 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Tgt Ion: 117 Resp: 156434
Ion Ratio Lower Upper
117 100
119 96.1 76.7 115.1
121 30.5 24.3 36.5



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





#39

Methylcyclohexane

Concen: 56.951 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

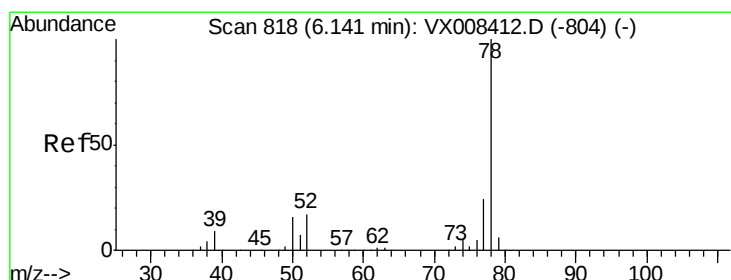
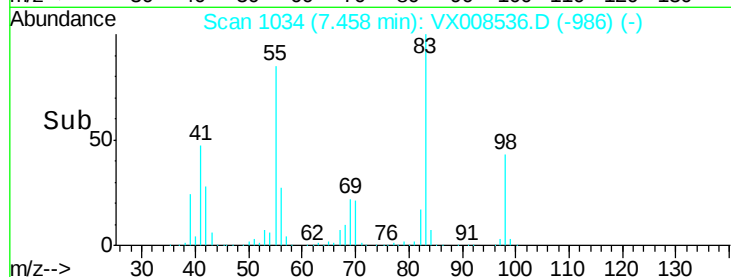
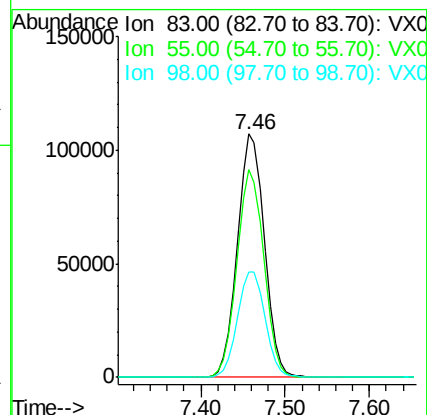
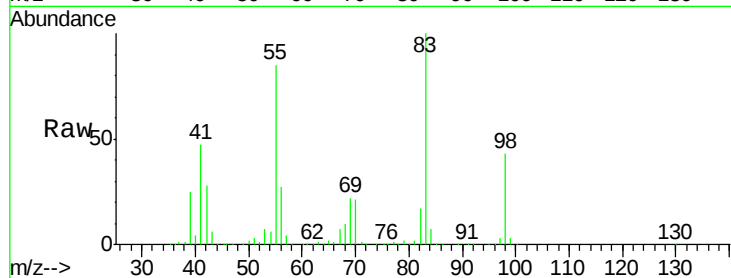
Tgt Ion: 83 Resp: 231698

Ion Ratio Lower Upper

83 100

55 85.2 68.2 102.4

98 43.2 34.2 51.4



#40

Benzene

Concen: 53.358 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX008536.D

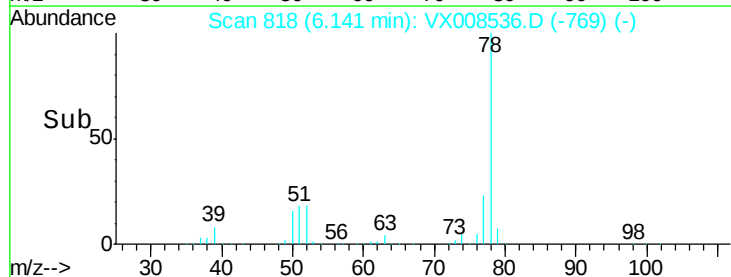
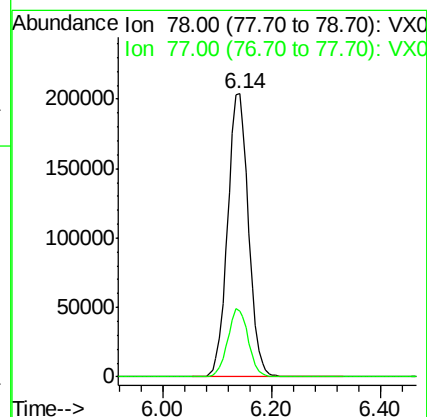
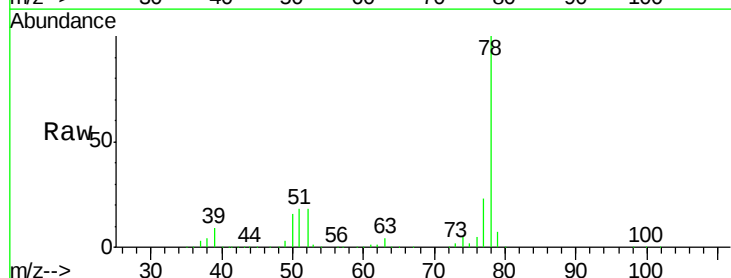
Acq: 29 Mar 2019 10:37

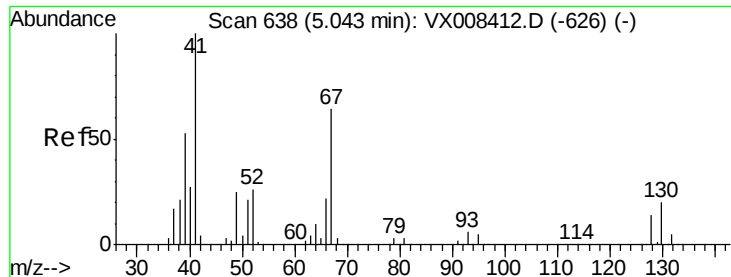
Tgt Ion: 78 Resp: 543801

Ion Ratio Lower Upper

78 100

77 23.5 19.3 28.9

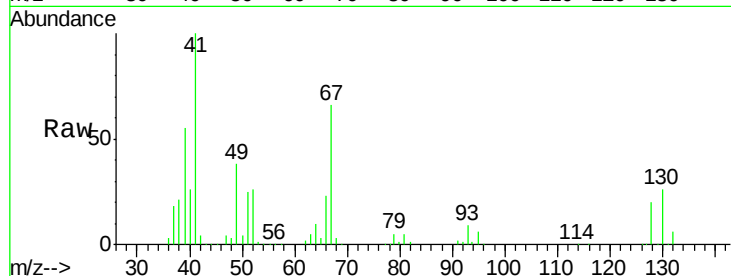




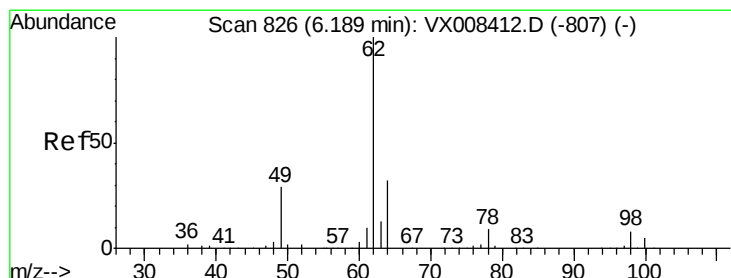
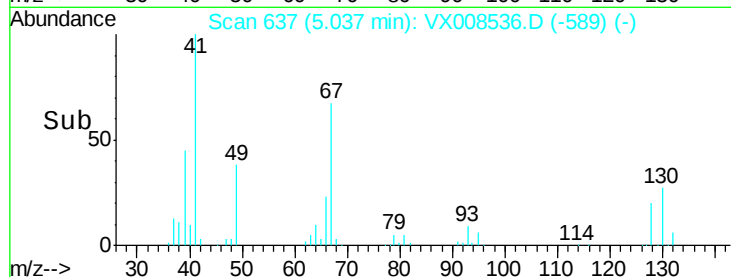
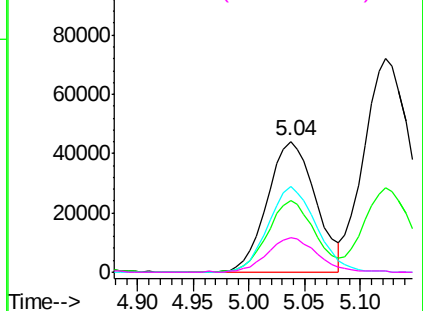
#41
Methacrylonitrile
Concen: 53.430 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 132420
Ion Ratio Lower Upper
41 100
39 53.4 42.6 64.0
67 65.7 52.2 78.4
52 27.0 21.4 32.0

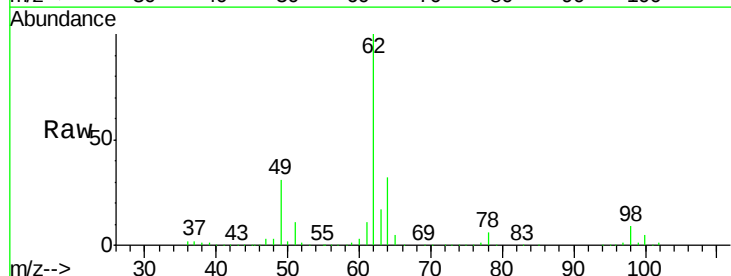


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

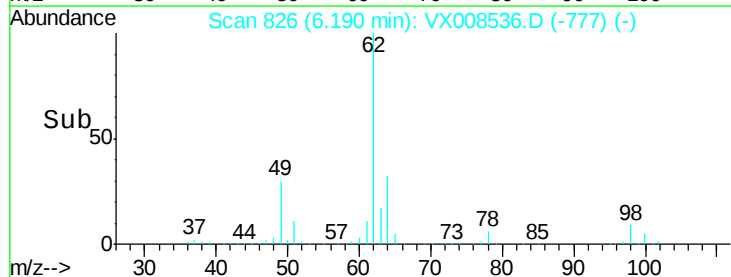
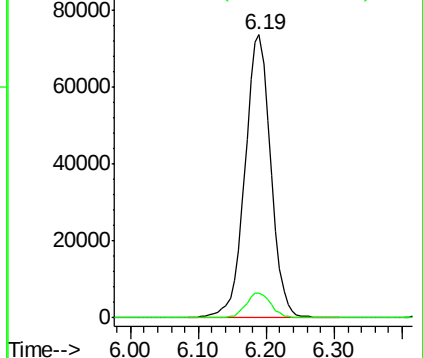


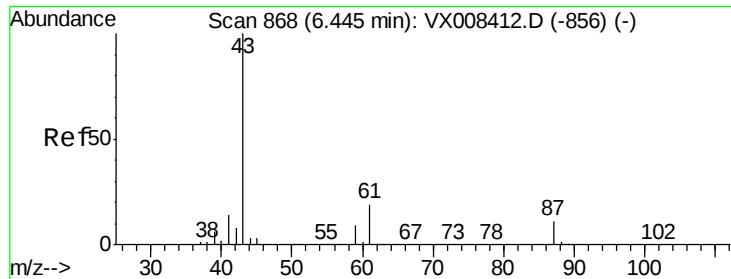
#42
1,2-Dichloroethane
Concen: 51.937 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Tgt Ion: 62 Resp: 193799
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.6



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





#43

Isopropyl Acetate

Concen: 54.719 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

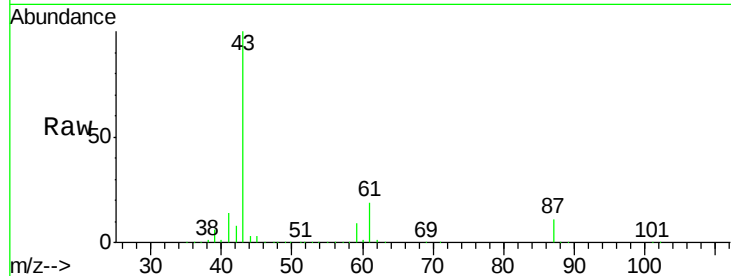
Tgt Ion: 43 Resp: 385995

Ion Ratio Lower Upper

43 100

61 19.1 15.4 23.2

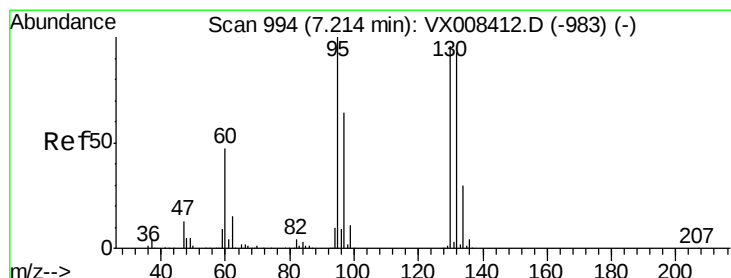
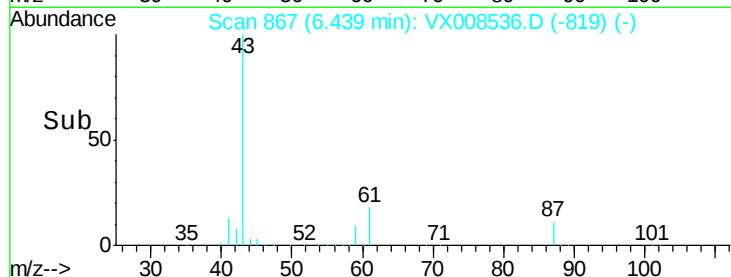
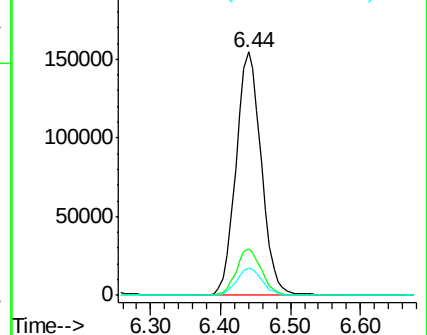
87 11.3 9.1 13.7



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: 53.187 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX008536.D

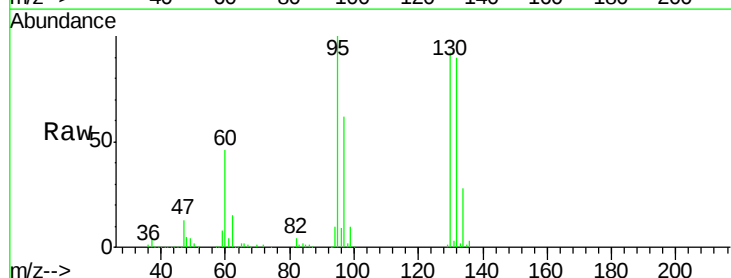
Acq: 29 Mar 2019 10:37

Tgt Ion: 130 Resp: 127275

Ion Ratio Lower Upper

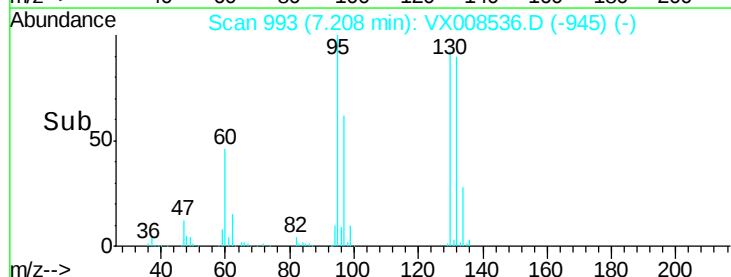
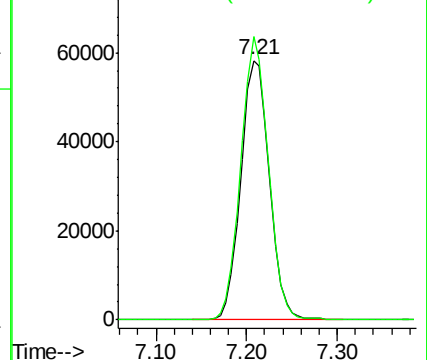
130 100

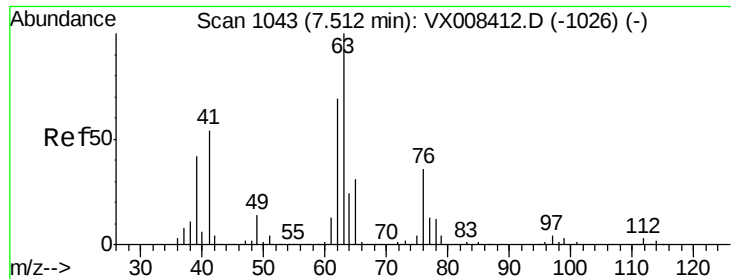
95 109.0 0.0 208.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

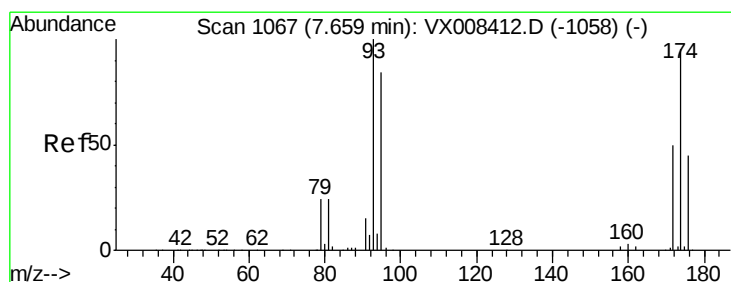
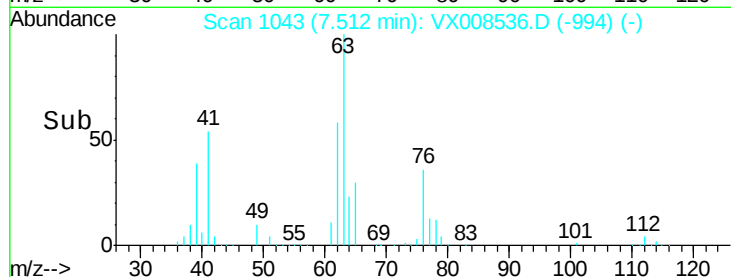
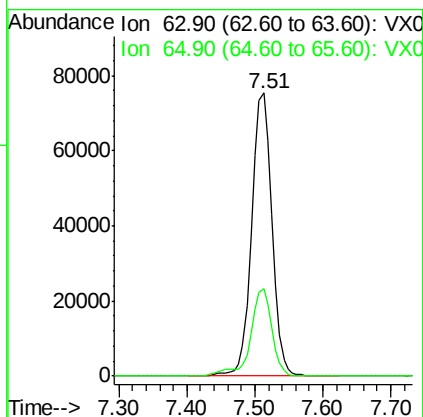
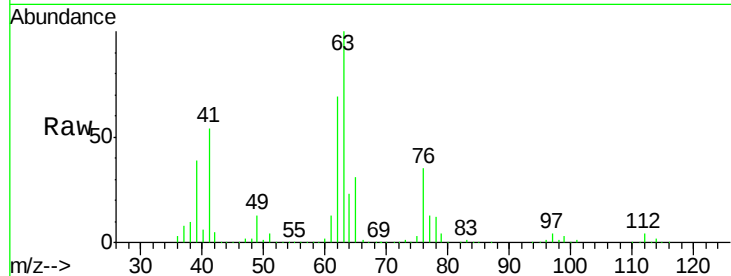




#45
 1,2-Dichloropropane
 Concen: 54.350 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX008536.D
 Acq: 29 Mar 2019 10:37

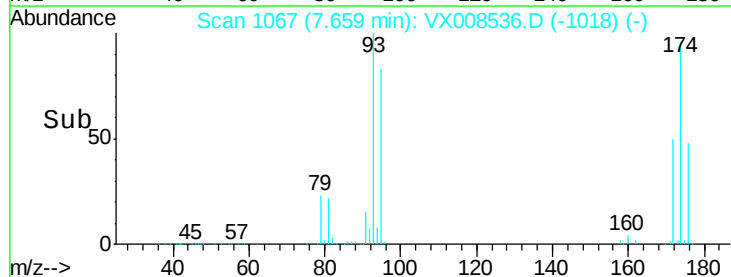
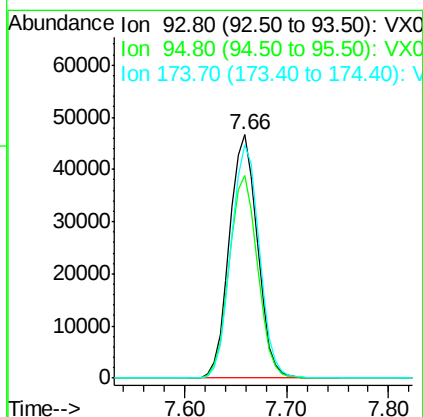
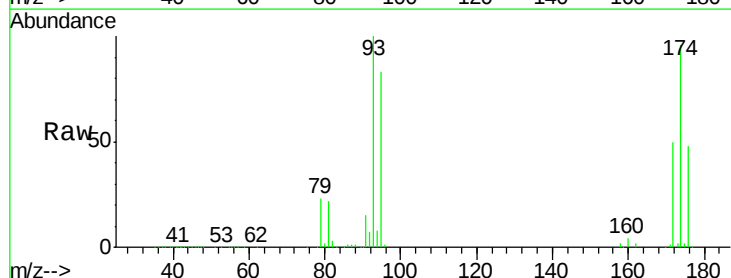
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

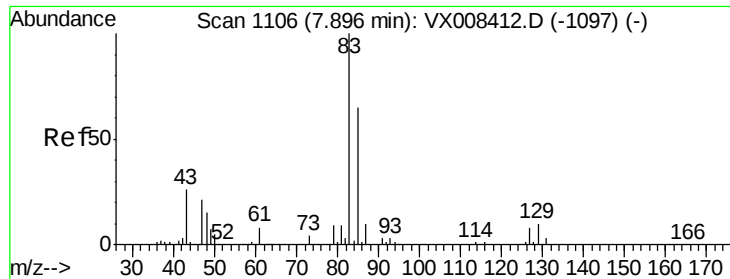
Tgt Ion: 63 Resp: 157443
 Ion Ratio Lower Upper
 63 100
 65 31.1 25.1 37.7



#46
 Dibromomethane
 Concen: 52.703 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX008536.D
 Acq: 29 Mar 2019 10:37

Tgt Ion: 93 Resp: 89153
 Ion Ratio Lower Upper
 93 100
 95 83.5 67.0 100.6
 174 96.3 76.0 114.0





#47

Bromodichloromethane

Concen: 55.941 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

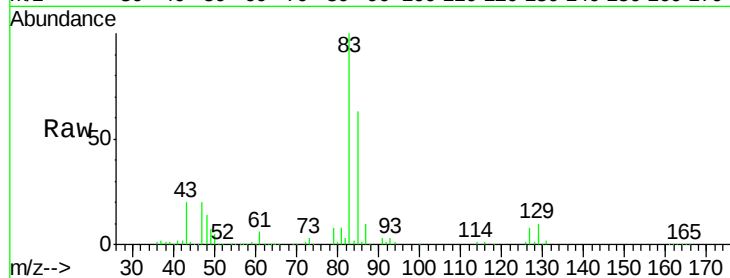
Tgt Ion: 83 Resp: 181127

Ion Ratio Lower Upper

83 100

85 62.7 52.0 78.0

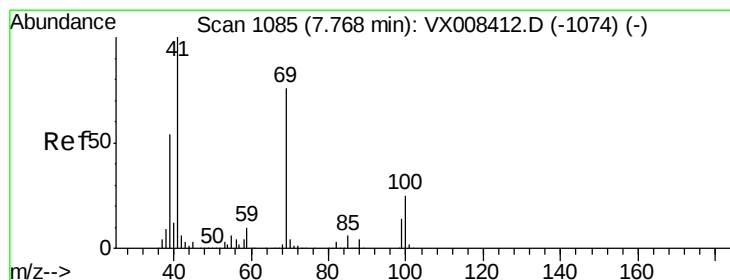
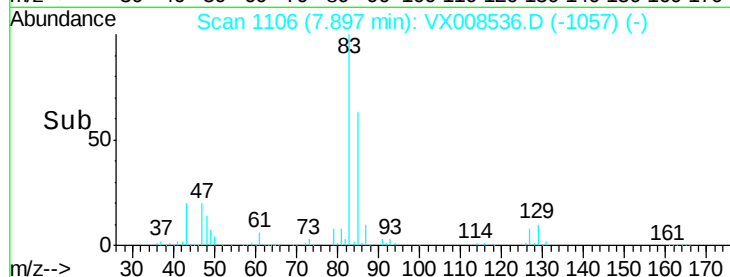
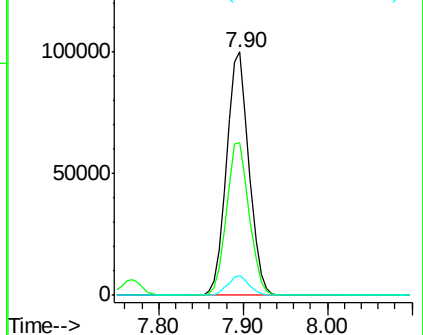
127 8.0 6.4 9.6



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: 55.341 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

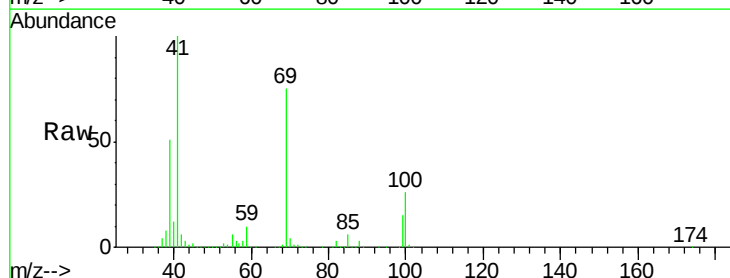
Tgt Ion: 41 Resp: 195332

Ion Ratio Lower Upper

41 100

69 75.3 60.8 91.2

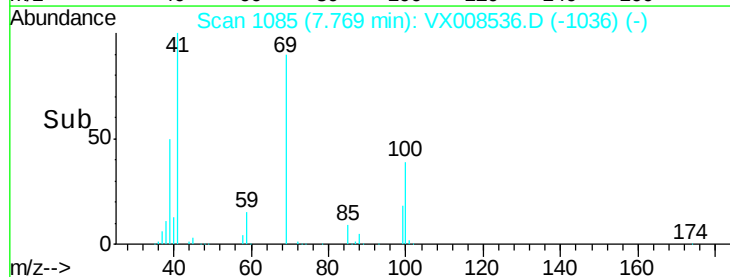
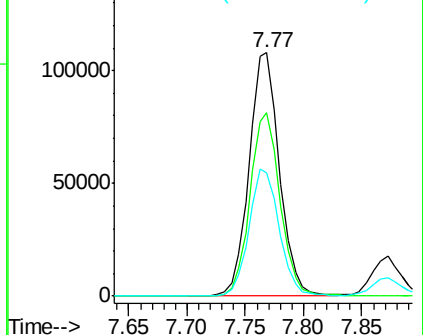
39 52.1 42.3 63.5

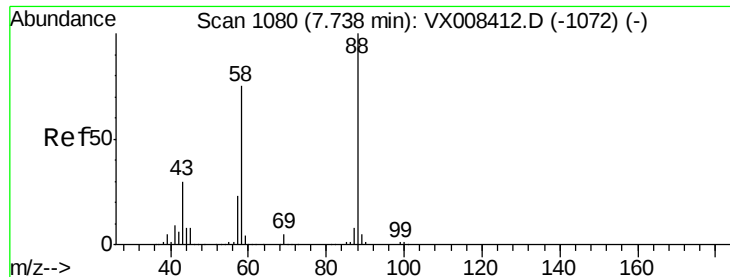


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

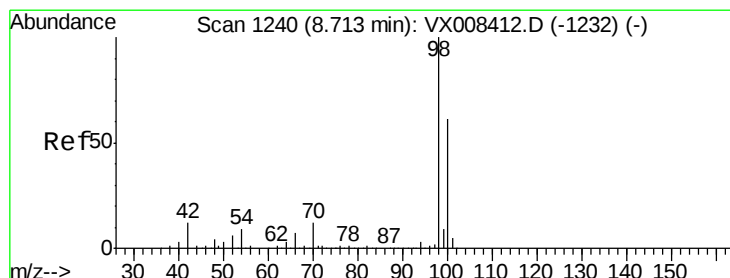
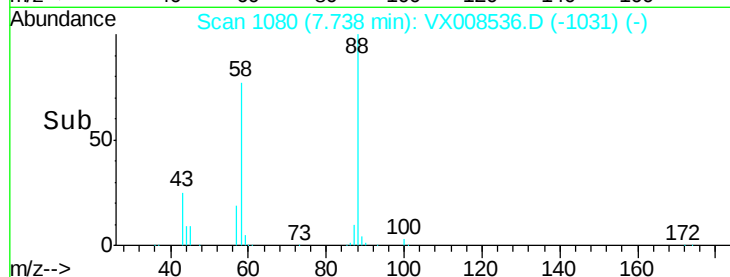
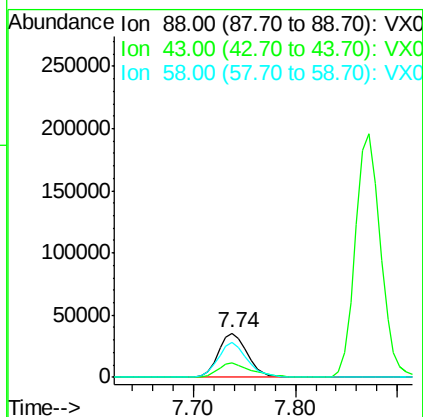
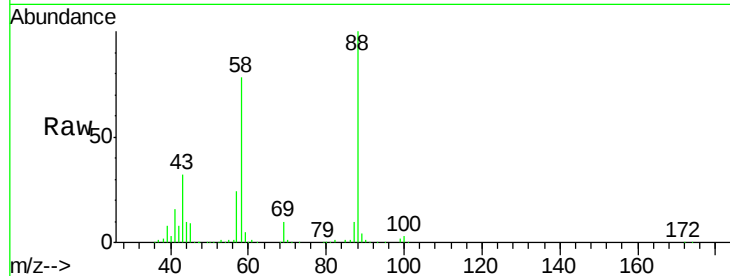




#49
 1,4-Dioxane
 Concen: 998.172 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: VX008536.D
 Acq: 29 Mar 2019 10:37

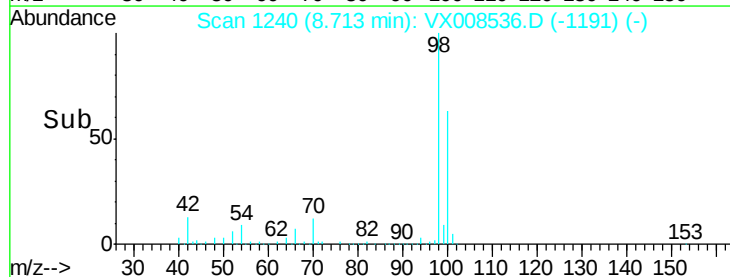
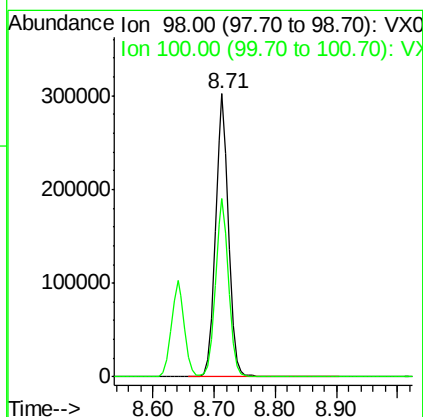
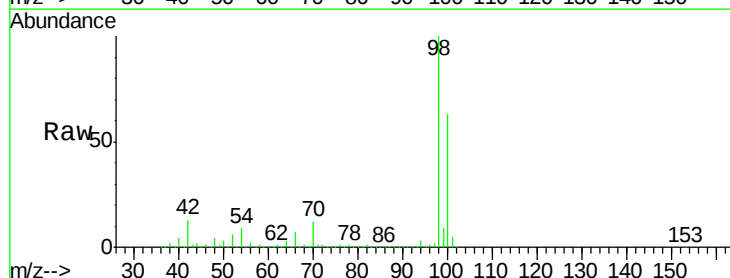
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

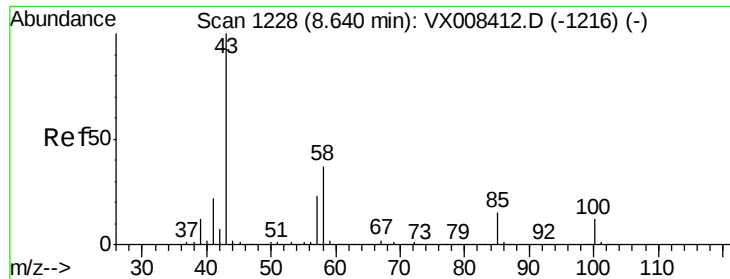
Tgt Ion: 88 Resp: 70052
 Ion Ratio Lower Upper
 88 100
 43 36.6 28.6 43.0
 58 79.5 63.0 94.4



#50
 Toluene-d8
 Concen: 55.238 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX008536.D
 Acq: 29 Mar 2019 10:37

Tgt Ion: 98 Resp: 459830
 Ion Ratio Lower Upper
 98 100
 100 64.0 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 275.116 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

Instrument :

MSVOA_X

ClientSampleId :

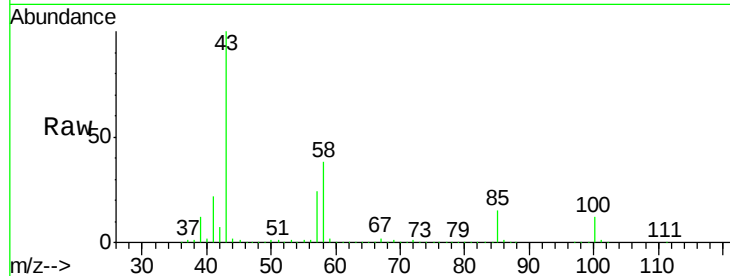
VSTDCCC050

Tgt Ion: 43 Resp: 1260498

Ion Ratio Lower Upper

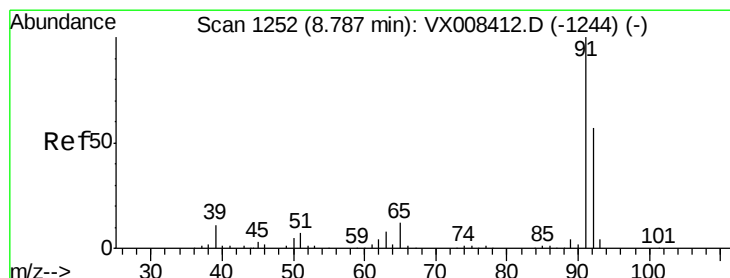
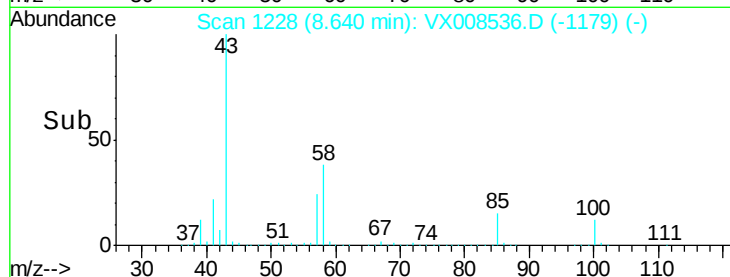
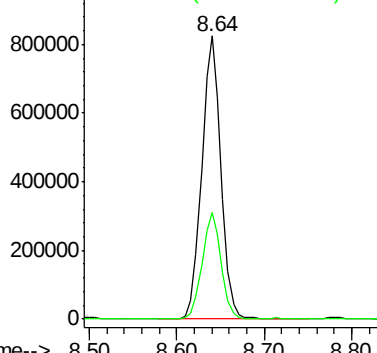
43 100

58 37.2 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 54.394 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008536.D

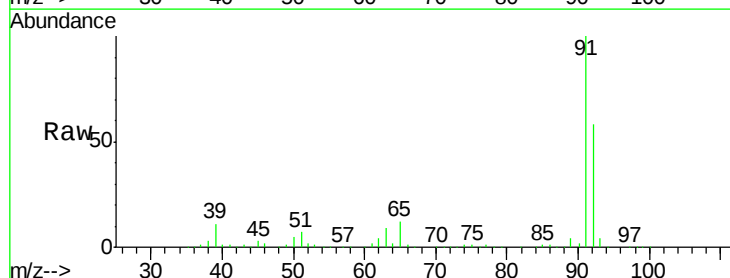
Acq: 29 Mar 2019 10:37

Tgt Ion: 92 Resp: 331469

Ion Ratio Lower Upper

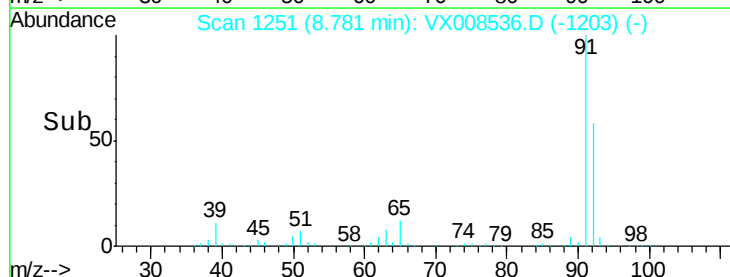
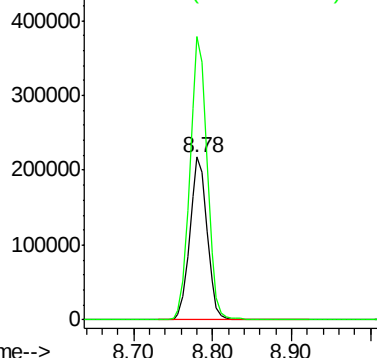
92 100

91 174.0 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

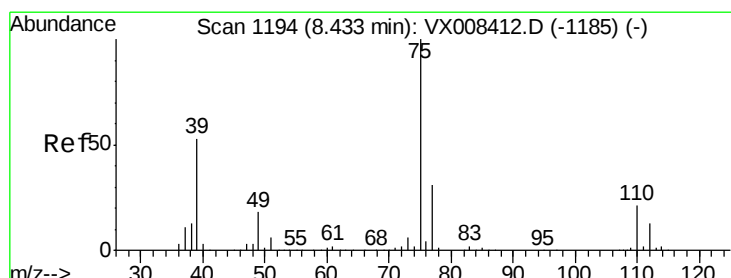
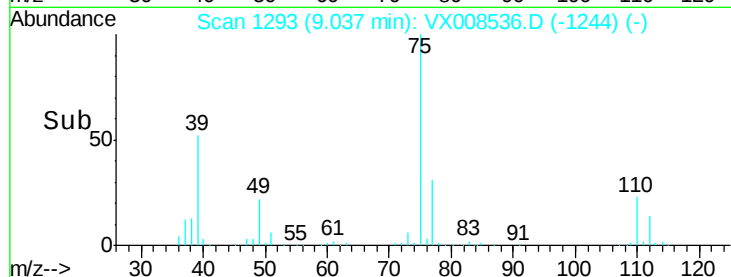
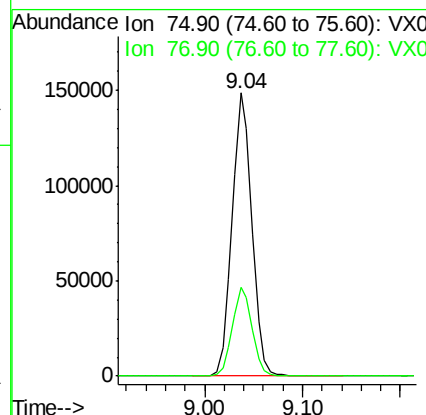
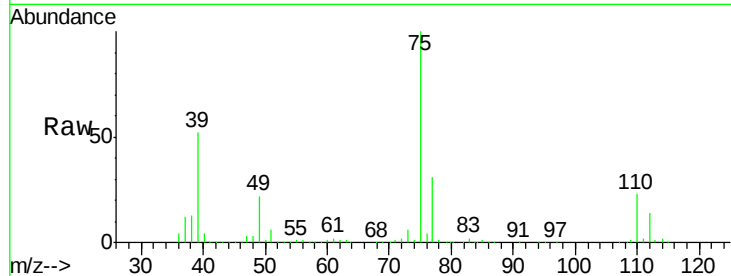




#53
t-1,3-Dichloropropene
Concen: 58.921 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

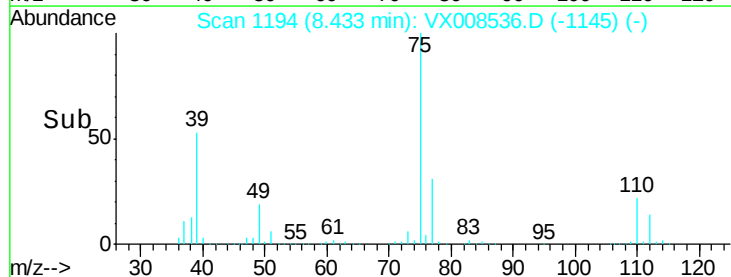
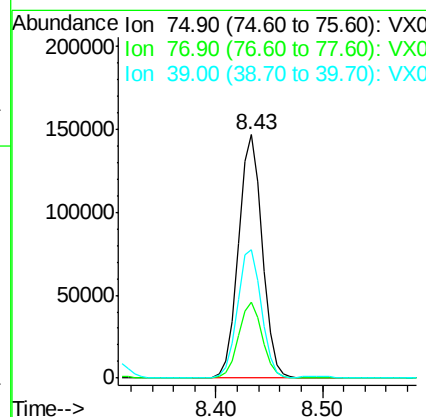
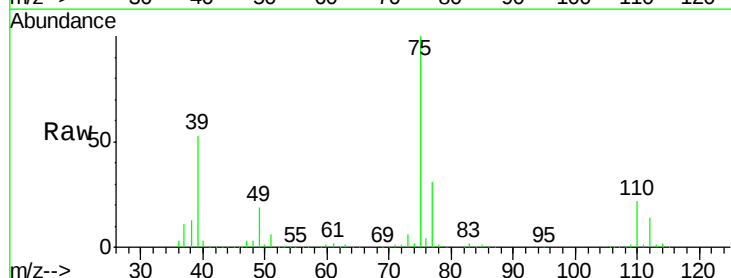
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

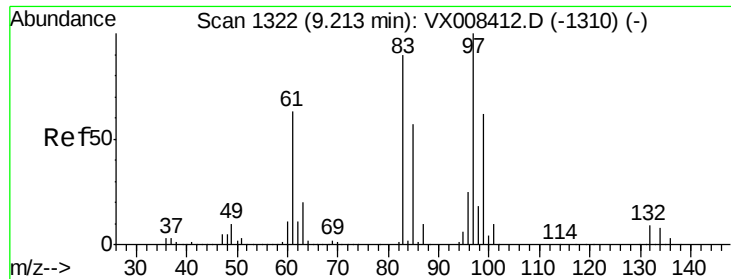
Tgt Ion: 75 Resp: 208961
Ion Ratio Lower Upper
75 100
77 31.4 24.3 36.5



#54
cis-1,3-Dichloropropene
Concen: 57.098 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Tgt Ion: 75 Resp: 230264
Ion Ratio Lower Upper
75 100
77 31.1 24.7 37.1
39 52.5 42.4 63.6

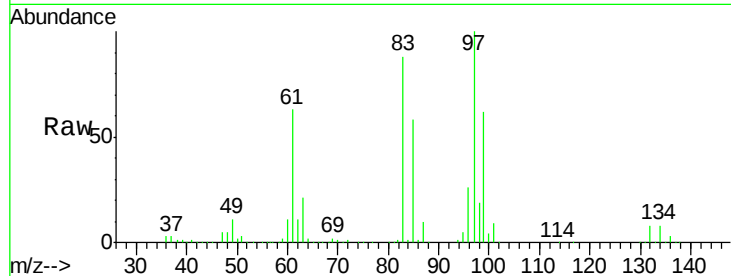




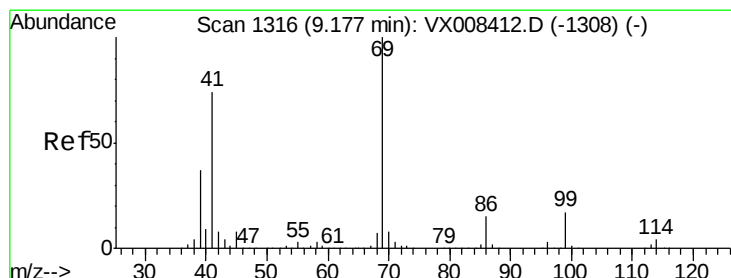
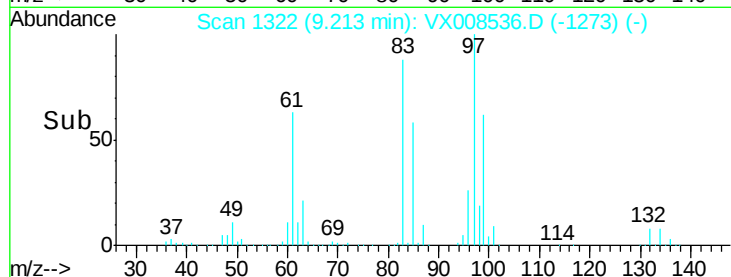
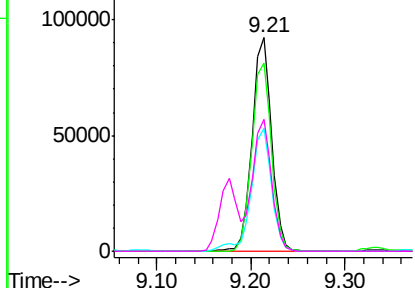
#55
 1,1,2-Trichloroethane
 Concen: 54.249 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008536.D
 Acq: 29 Mar 2019 10:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	134569
Ion	Ratio	Lower	Upper
97	100		
83	87.9	71.8	107.6
85	57.5	45.9	68.9
99	61.7	49.4	74.0

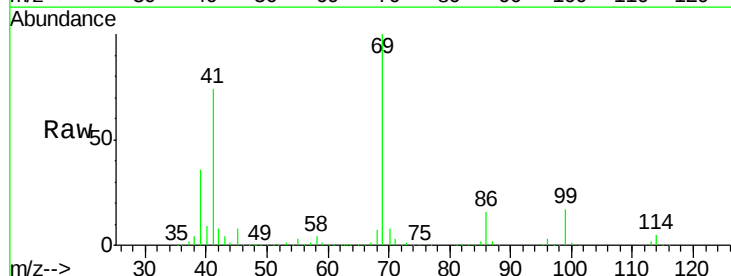


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

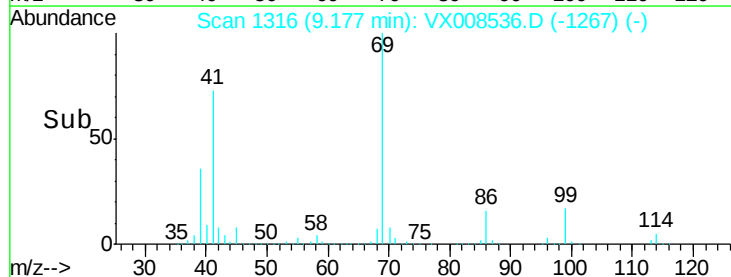
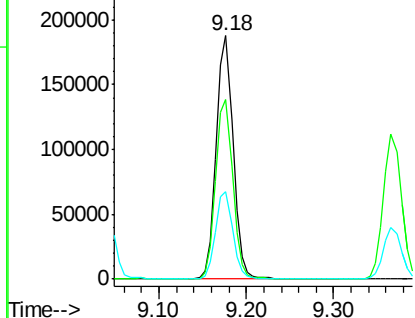


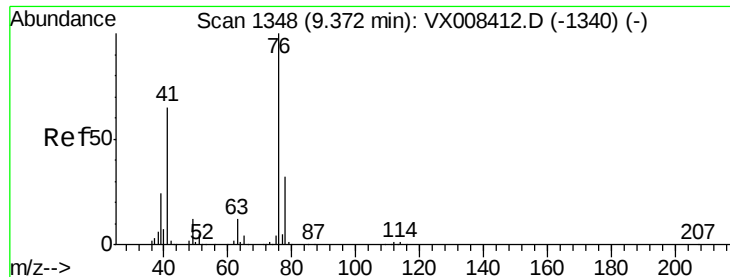
#56
 Ethyl methacrylate
 Concen: 56.283 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008536.D
 Acq: 29 Mar 2019 10:37

Tgt Ion:	69	Resp:	252016
Ion	Ratio	Lower	Upper
69	100		
41	74.6	59.5	89.3
39	36.6	29.3	43.9



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





#57

1,3-Dichloropropane

Concen: 53.309 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

Instrument :

MSVOA_X

ClientSampleId :

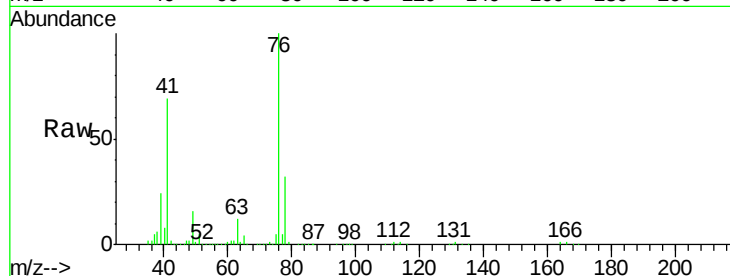
VSTDCCC050

Tgt Ion: 76 Resp: 237092

Ion Ratio Lower Upper

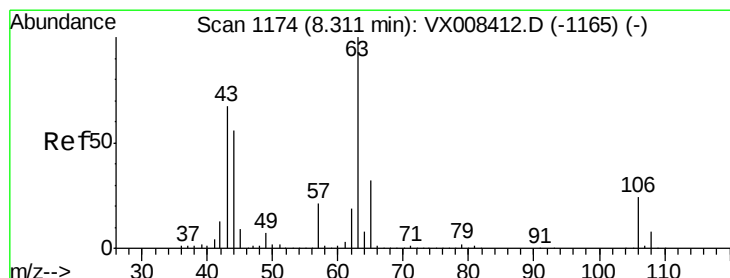
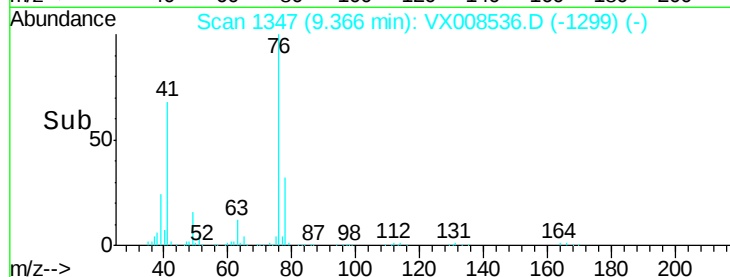
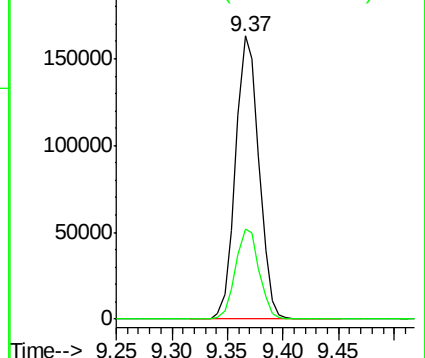
76 100

78 32.4 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 285.852 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX008536.D

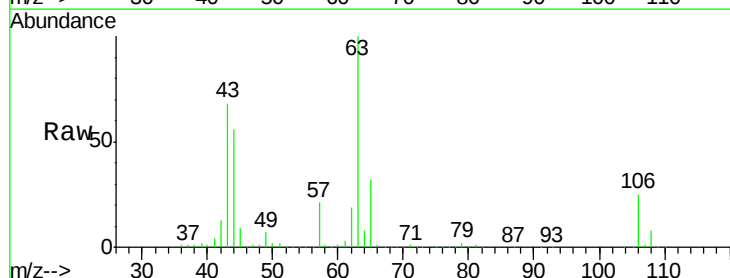
Acq: 29 Mar 2019 10:37

Tgt Ion: 63 Resp: 661631

Ion Ratio Lower Upper

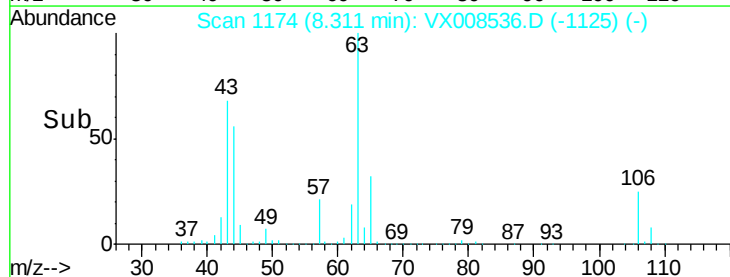
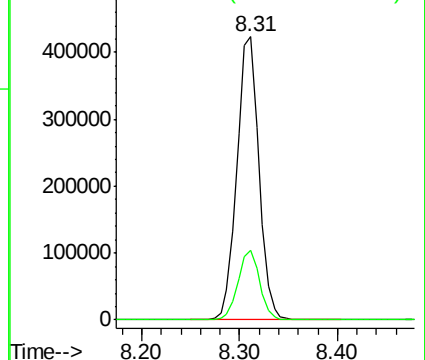
63 100

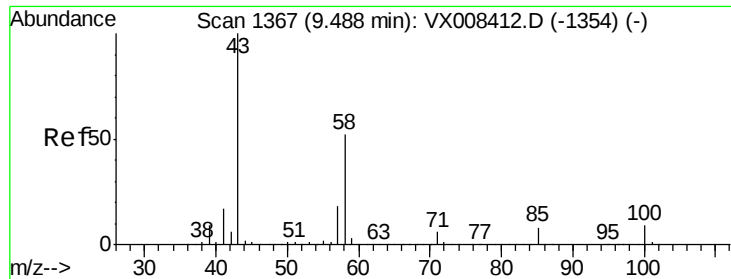
106 24.1 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

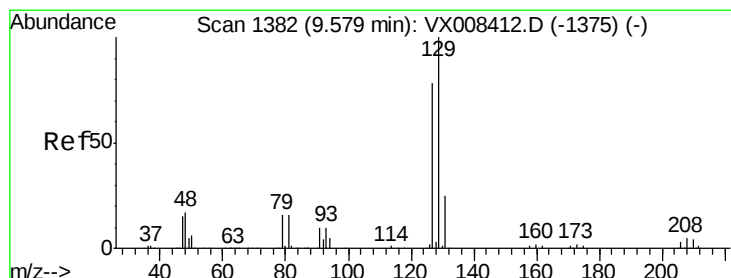
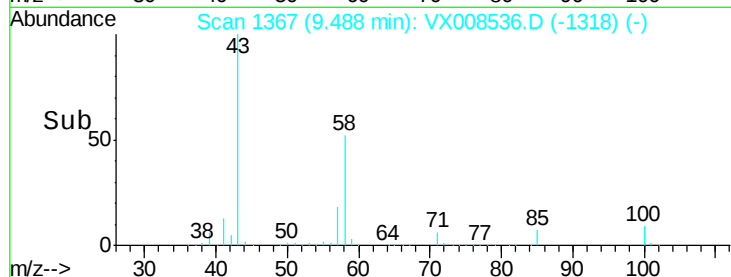
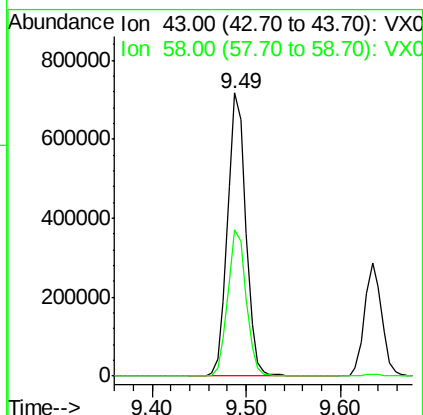
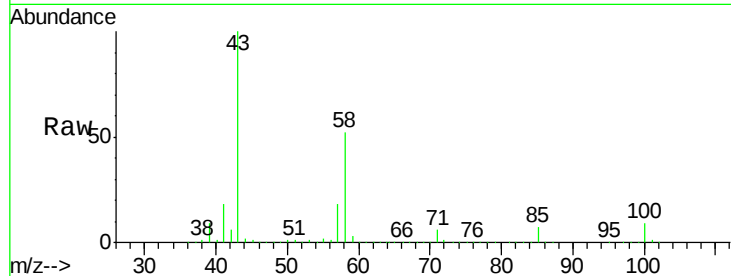




#59
2-Hexanone
Concen: 273.108 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

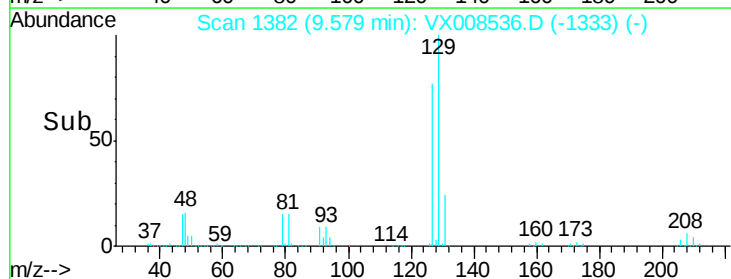
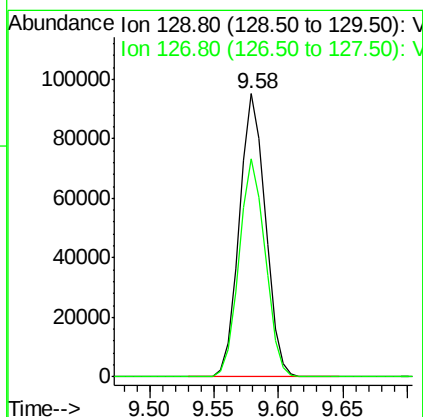
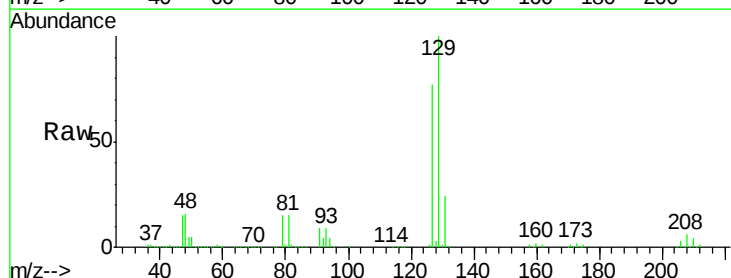
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

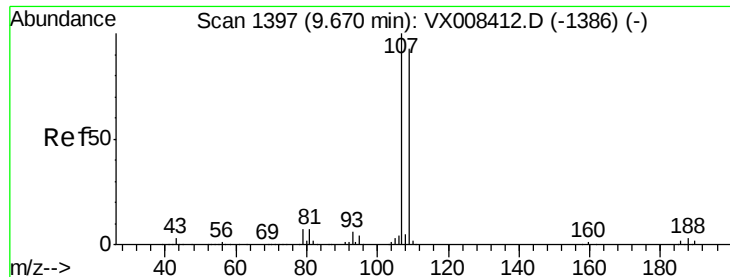
Tgt Ion: 43 Resp: 969575
Ion Ratio Lower Upper
43 100
58 52.2 26.3 78.9



#60
Dibromochloromethane
Concen: 56.667 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Tgt Ion: 129 Resp: 133683
Ion Ratio Lower Upper
129 100
127 77.0 38.1 114.3





#61

1,2-Dibromoethane

Concen: 54.293 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

Instrument :

MSVOA_X

ClientSampleId :

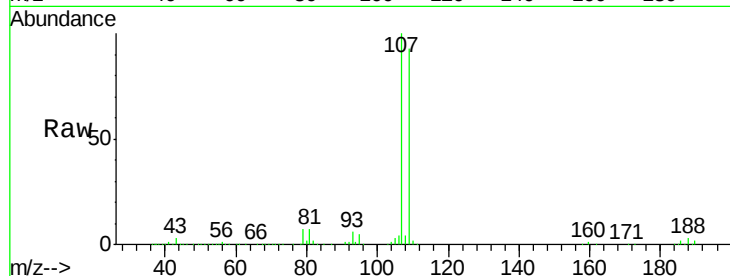
VSTDCCC050

Tgt Ion: 107 Resp: 137443

Ion Ratio Lower Upper

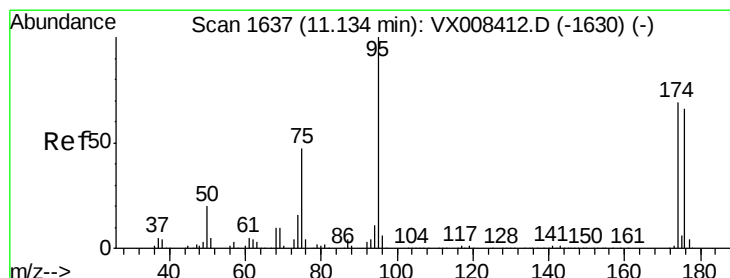
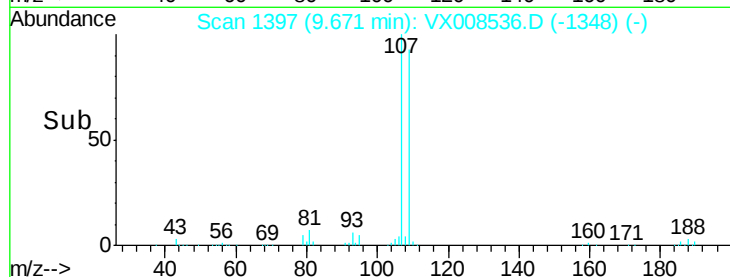
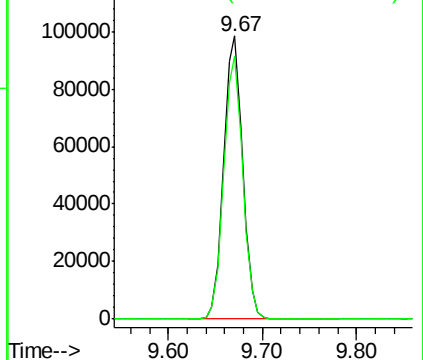
107 100

109 93.4 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 56.250 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

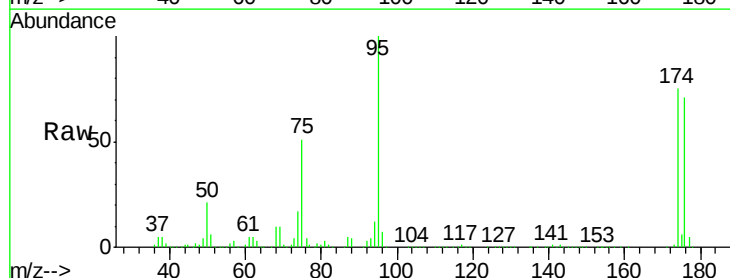
Tgt Ion: 95 Resp: 173519

Ion Ratio Lower Upper

95 100

174 76.5 0.0 147.2

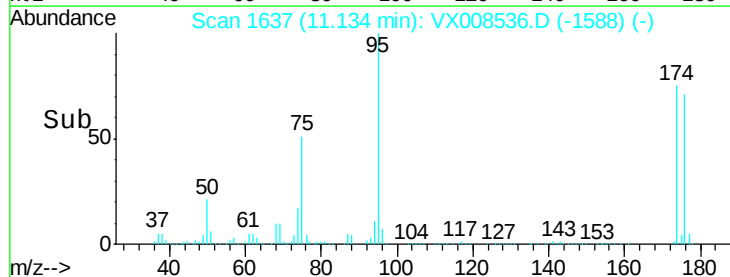
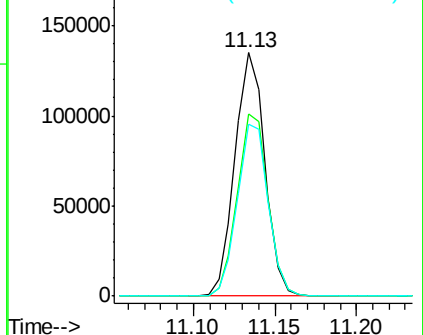
176 73.1 0.0 142.4

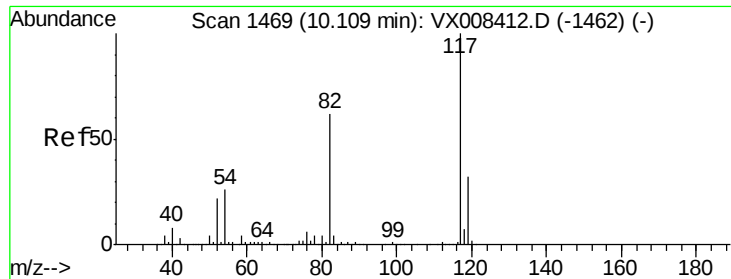


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

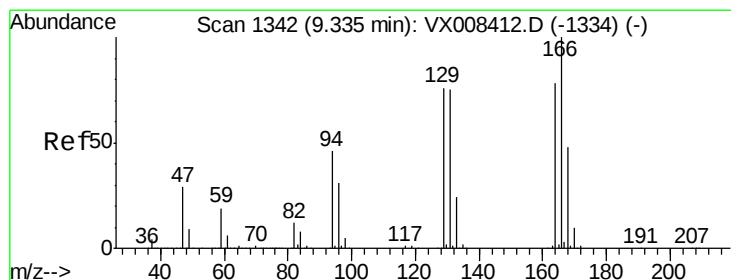
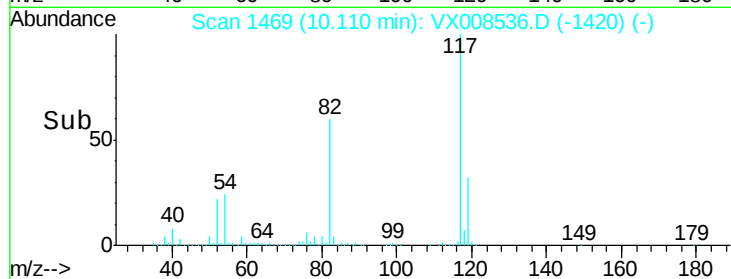
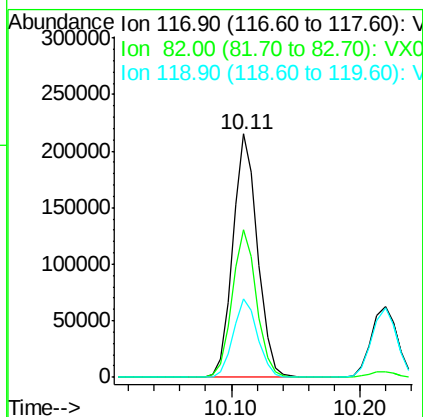
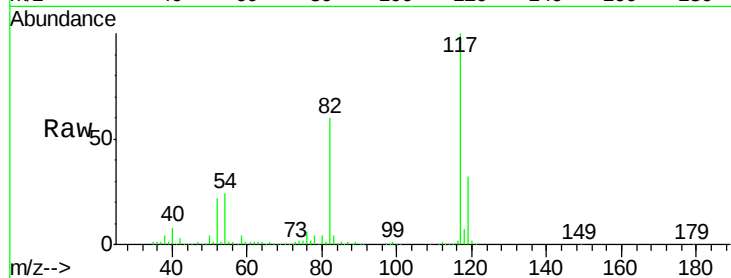




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

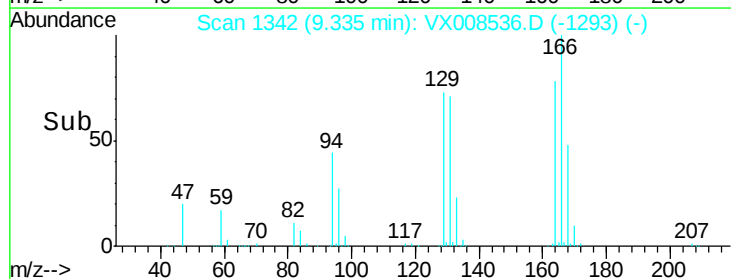
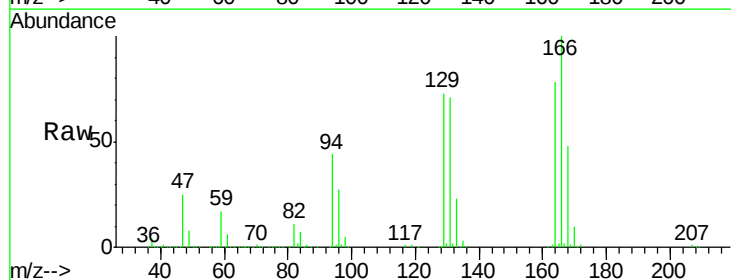
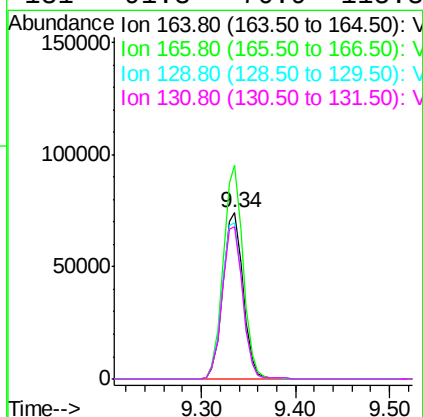
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

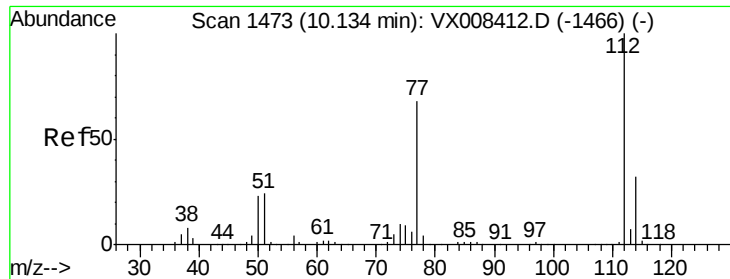
Tgt Ion:117 Resp: 286803
Ion Ratio Lower Upper
117 100
82 60.4 49.4 74.2
119 32.1 25.4 38.0



#64
Tetrachloroethene
Concen: 56.525 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Tgt Ion:164 Resp: 109752
Ion Ratio Lower Upper
164 100
166 128.5 102.5 153.7
129 93.8 77.8 116.8
131 91.3 76.9 115.3

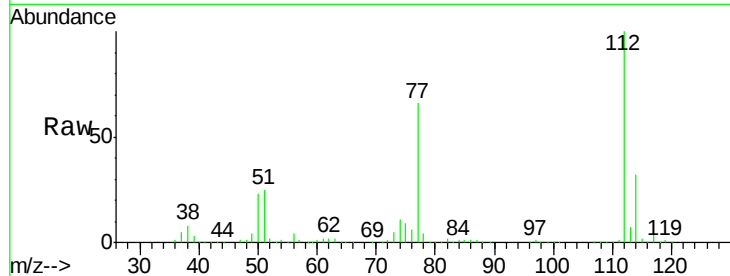




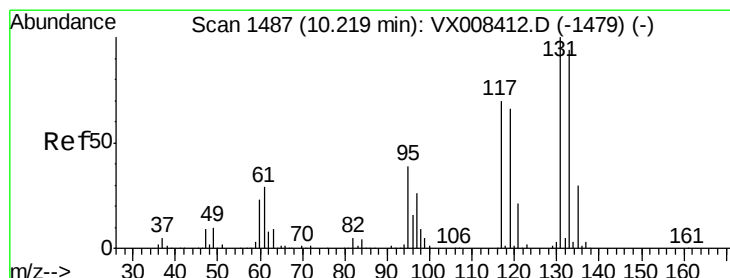
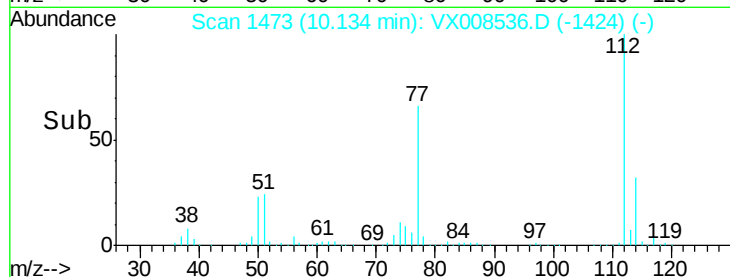
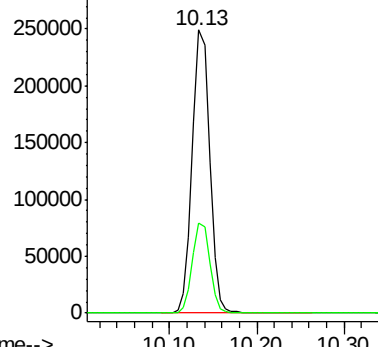
#65
Chlorobenzene
Concen: 55.403 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 345554
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2

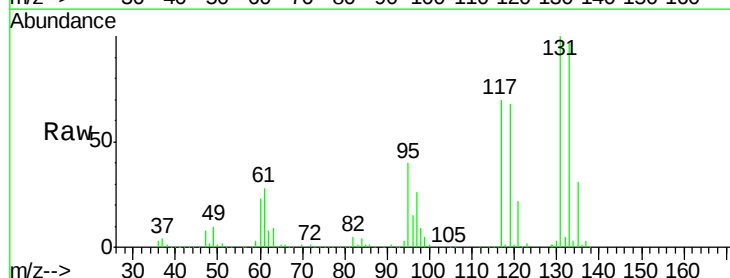


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

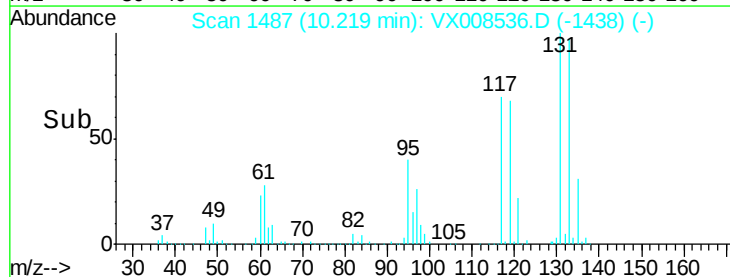
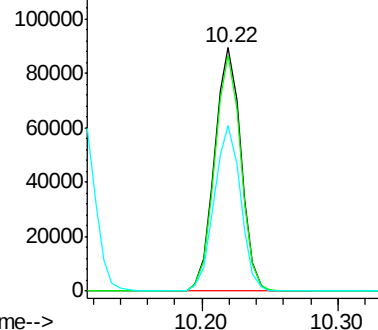


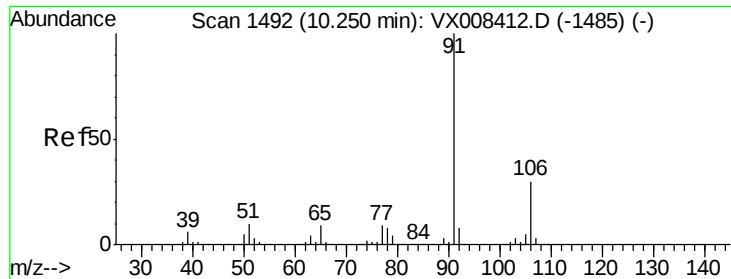
#66
1,1,1,2-Tetrachloroethane
Concen: 56.371 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Tgt Ion:131 Resp: 121302
Ion Ratio Lower Upper
131 100
133 96.0 47.3 141.8
119 68.3 33.6 100.6



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: 55.299 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

Instrument :

MSVOA_X

ClientSampleId :

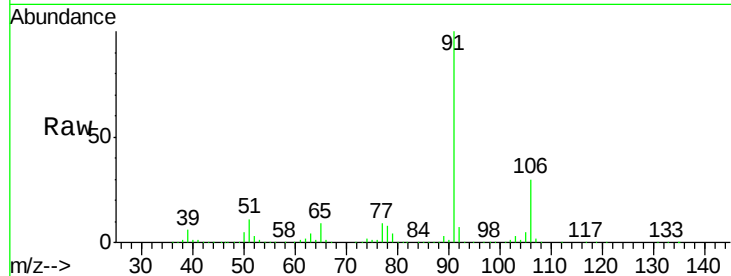
VSTDCCC050

Tgt Ion: 91 Resp: 650940

Ion Ratio Lower Upper

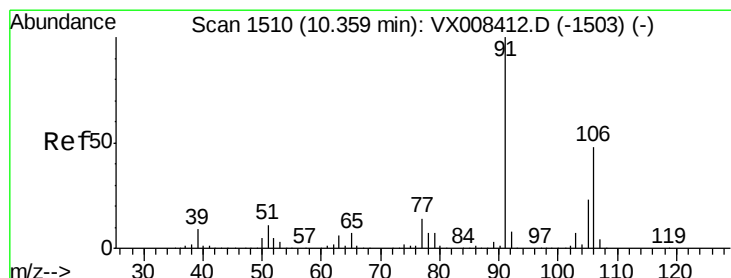
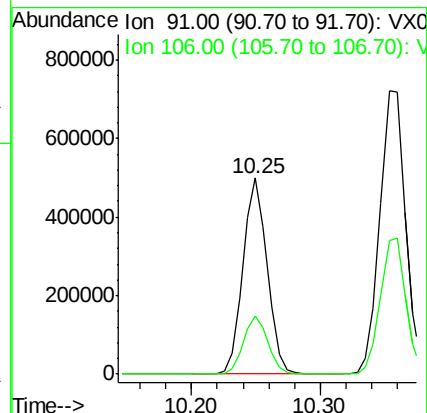
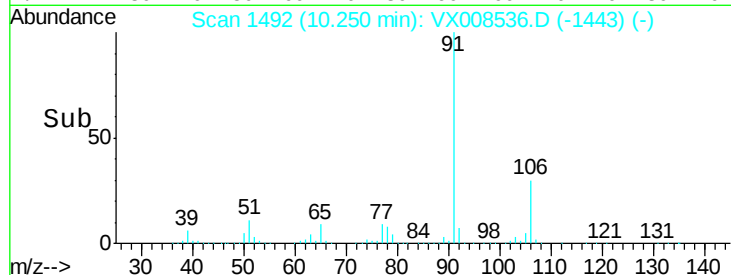
91 100

106 29.8 24.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX008412.D (-1485) (-)

Ion 106.00 (105.70 to 106.70): VX008412.D (-1485) (-)



#68

m/p-Xylenes

Concen: 111.365 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX008536.D

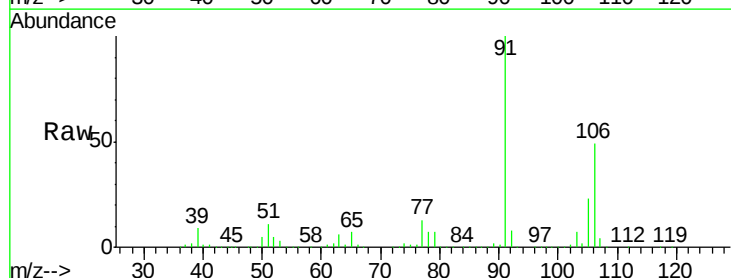
Acq: 29 Mar 2019 10:37

Tgt Ion: 106 Resp: 476900

Ion Ratio Lower Upper

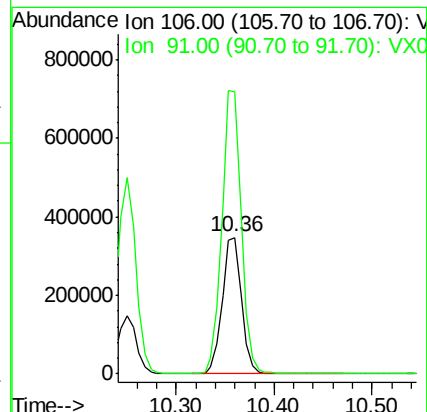
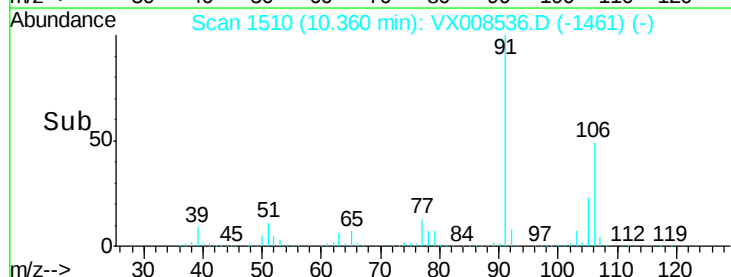
106 100

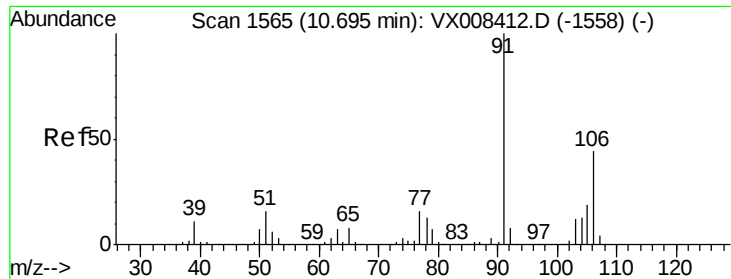
91 208.6 168.6 253.0



Abundance Ion 106.00 (105.70 to 106.70): VX008412.D (-1503) (-)

Ion 91.00 (90.70 to 91.70): VX008412.D (-1503) (-)

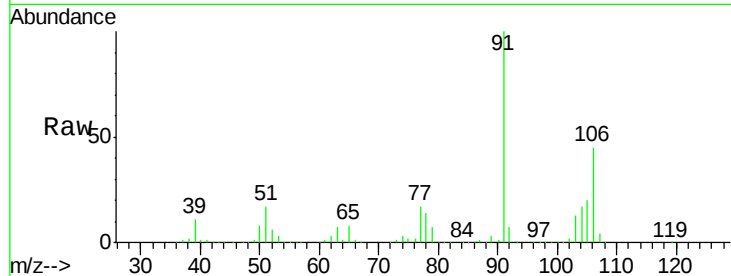




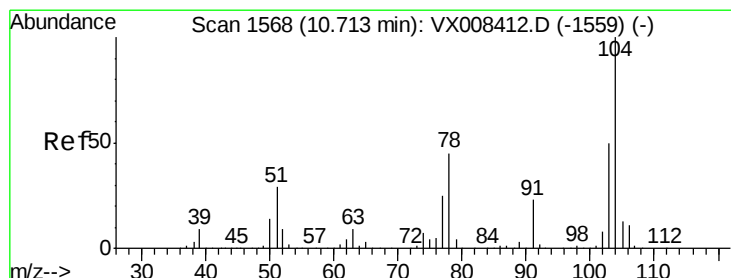
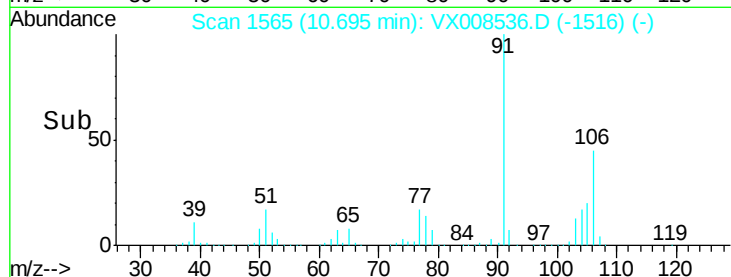
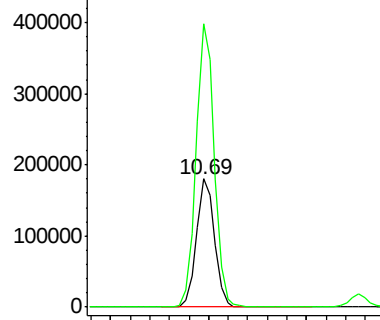
#69
o-Xylene
Concen: 55.428 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 230343
Ion Ratio Lower Upper
106 100
91 221.9 111.4 334.2

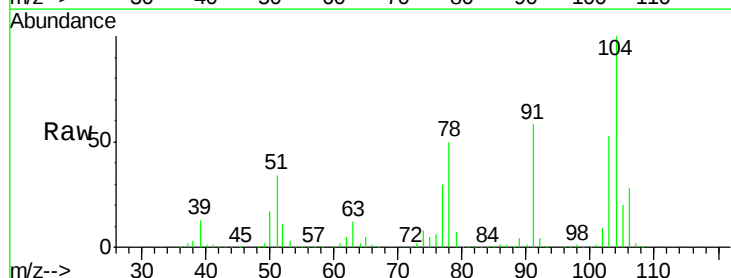


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

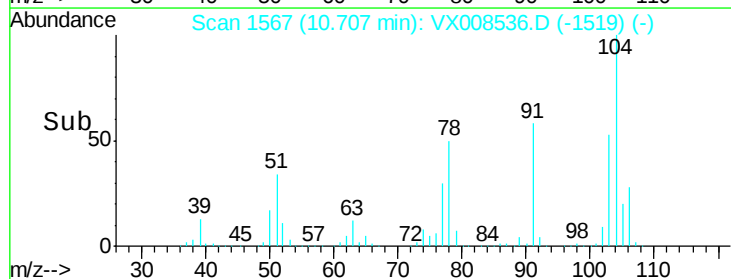
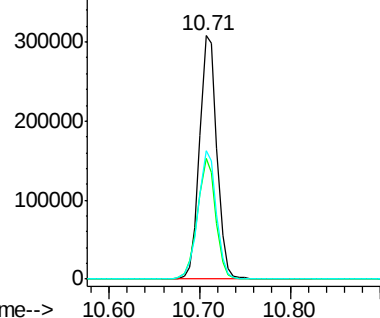


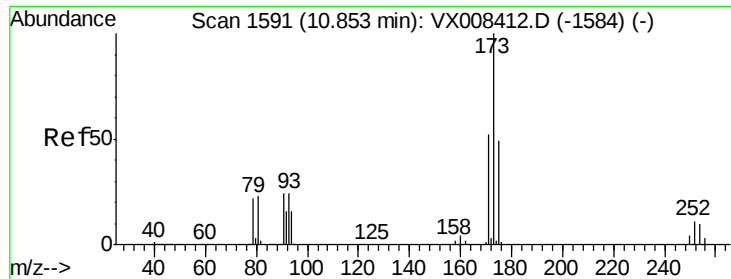
#70
Styrene
Concen: 57.005 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Tgt Ion:104 Resp: 409199
Ion Ratio Lower Upper
104 100
78 52.5 42.5 63.7
103 55.5 44.2 66.4



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





#71

Bromoform

Concen: 58.178 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

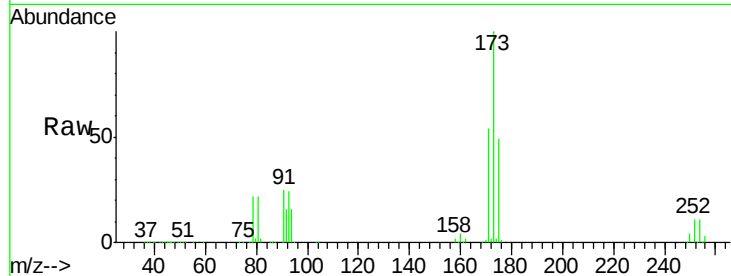
Tgt Ion:173 Resp: 98867

Ion Ratio Lower Upper

173 100

175 48.6 24.3 72.8

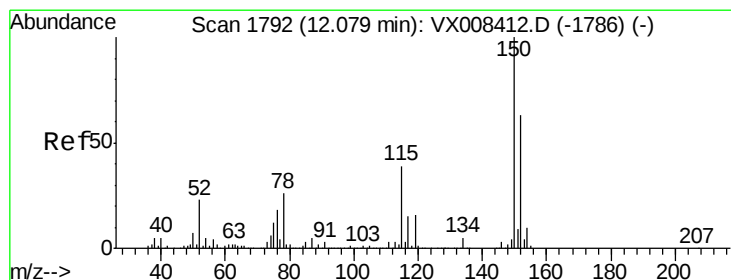
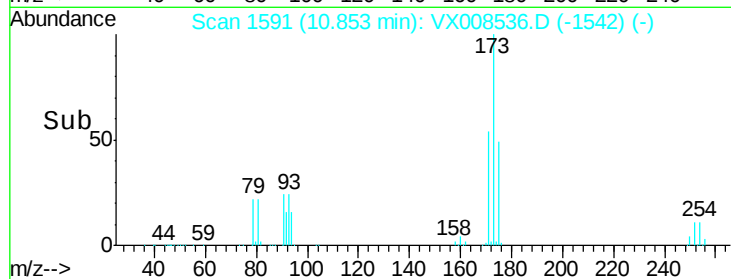
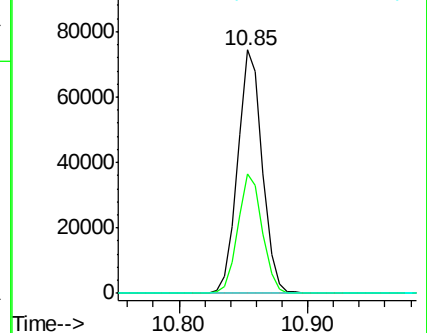
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

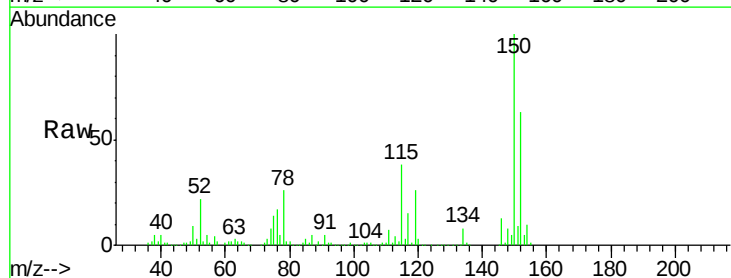
Tgt Ion:152 Resp: 139428

Ion Ratio Lower Upper

152 100

115 89.9 43.5 130.5

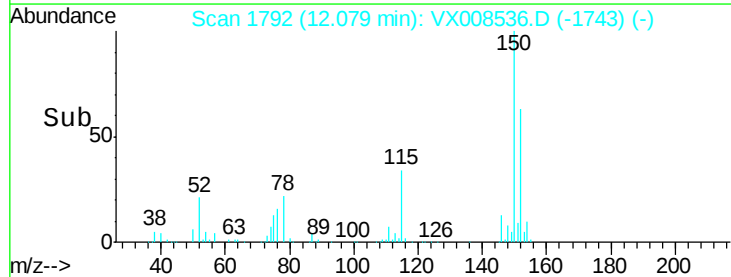
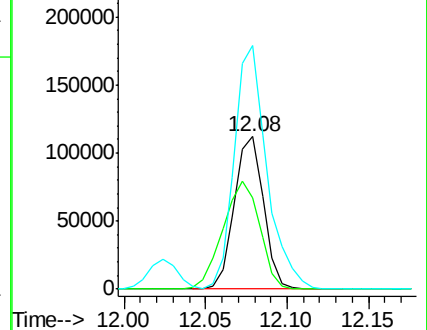
150 177.7 0.0 348.8

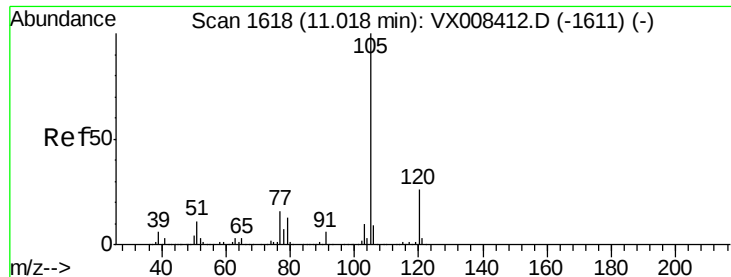


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.618 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

Instrument :

MSVOA_X

ClientSampleId :

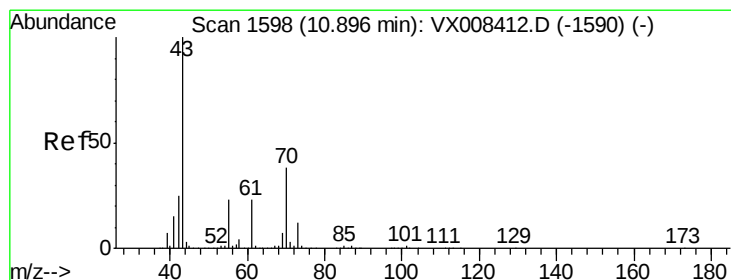
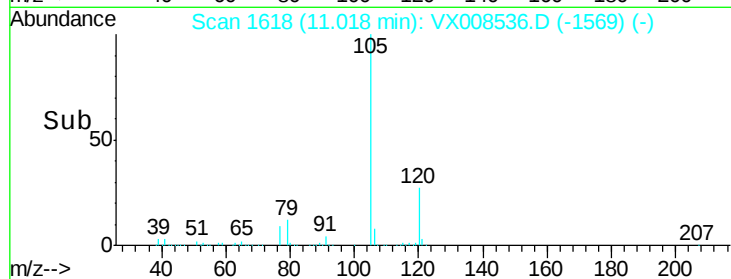
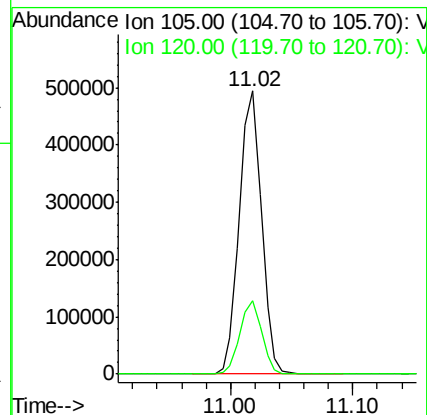
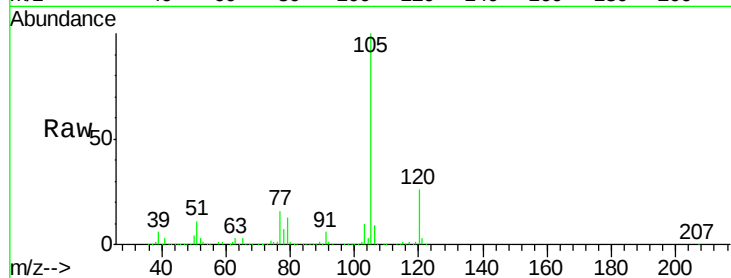
VSTDCCC050

Tgt Ion: 105 Resp: 619535

Ion Ratio Lower Upper

105 100

120 25.6 12.9 38.7



#74

N-ethyl acetate

Concen: 53.707 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

Tgt Ion: 43 Resp: 352614

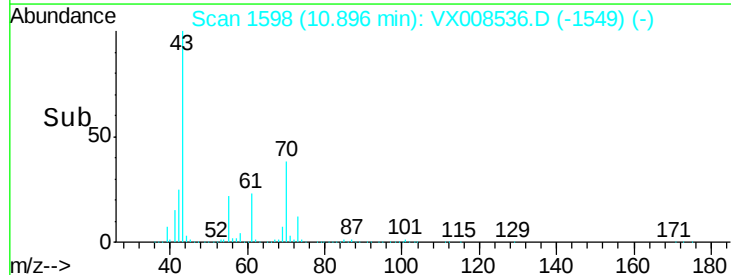
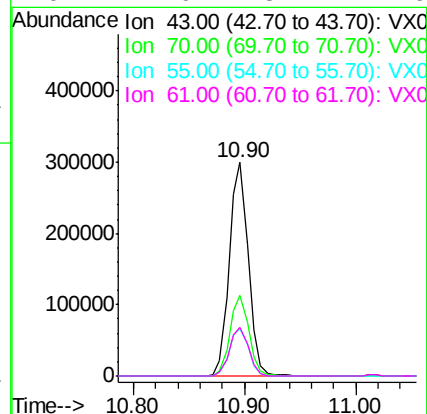
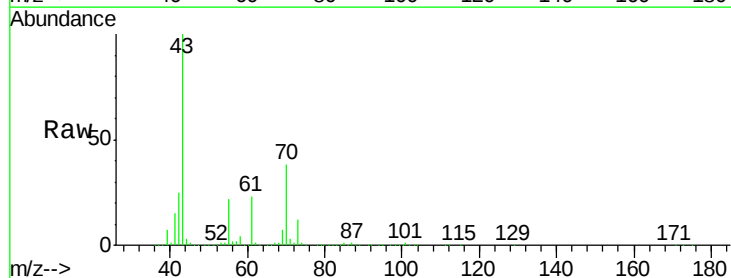
Ion Ratio Lower Upper

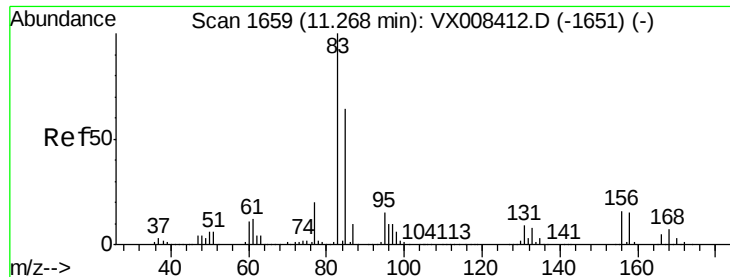
43 100

70 37.8 30.5 45.7

55 22.7 18.2 27.2

61 22.9 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 50.709 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

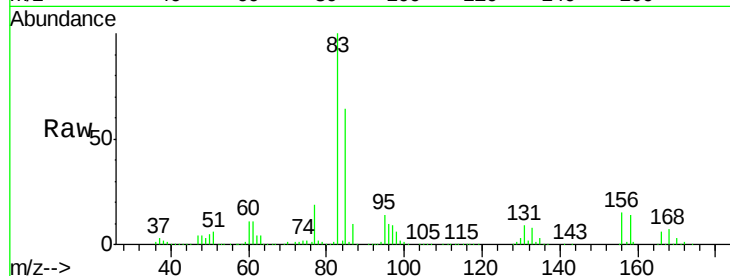
Tgt Ion: 83 Resp: 223175

Ion Ratio Lower Upper

83 100

131 9.0 4.5 13.4

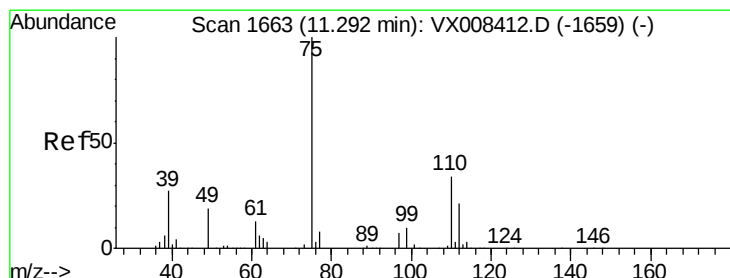
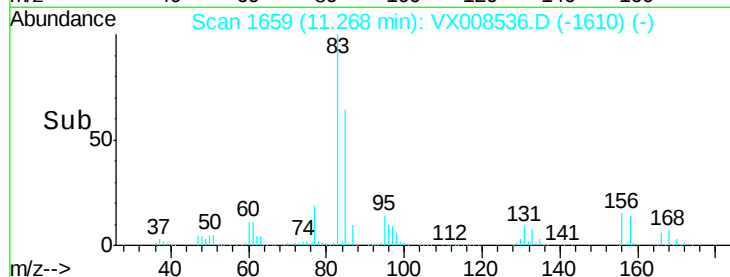
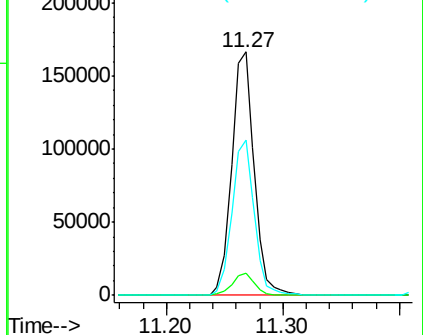
85 63.7 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 63.228 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX008536.D

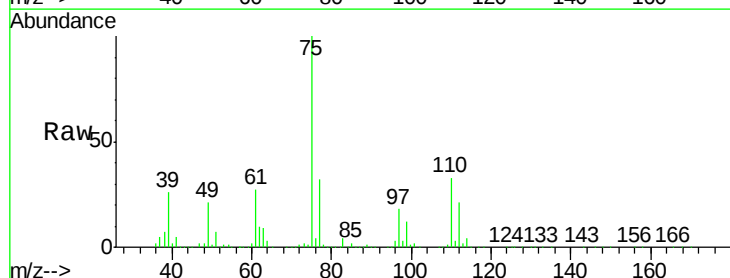
Acq: 29 Mar 2019 10:37

Tgt Ion: 75 Resp: 262086

Ion Ratio Lower Upper

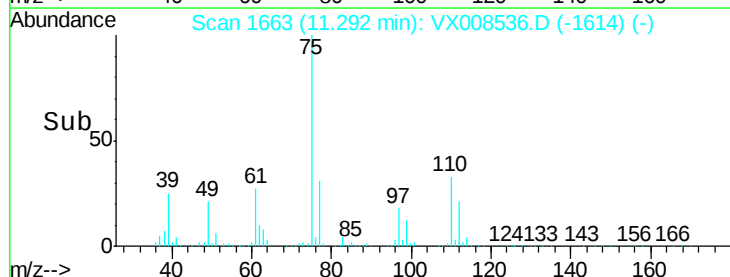
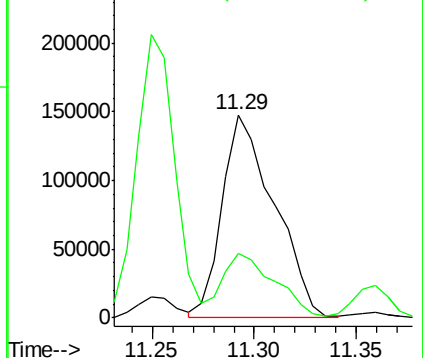
75 100

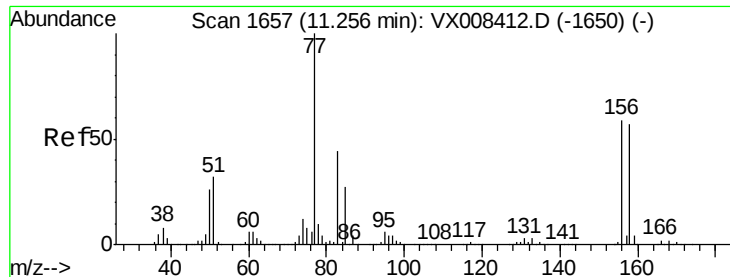
77 32.1 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 53.376 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

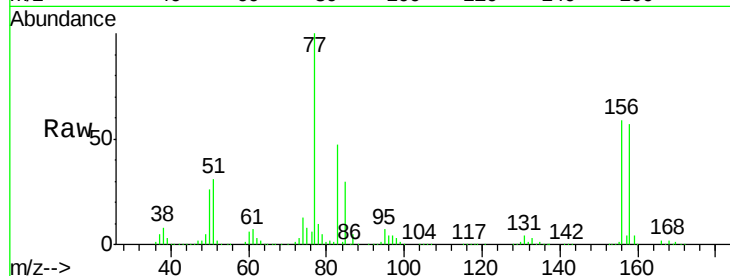
Tgt Ion:156 Resp: 146944

Ion Ratio Lower Upper

156 100

77 182.4 91.1 273.3

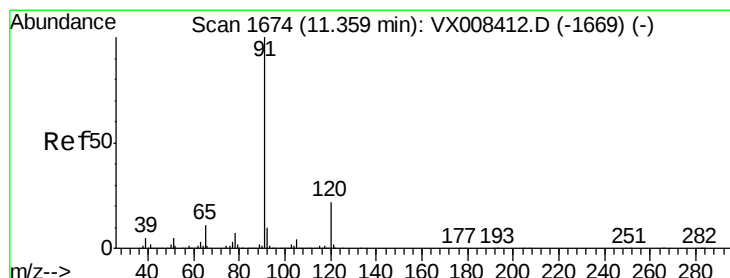
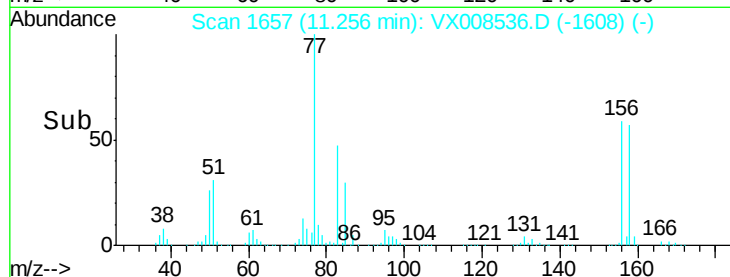
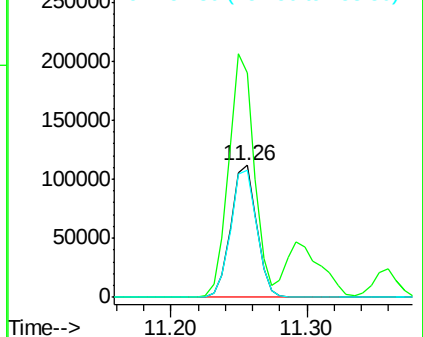
158 97.5 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.783 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008536.D

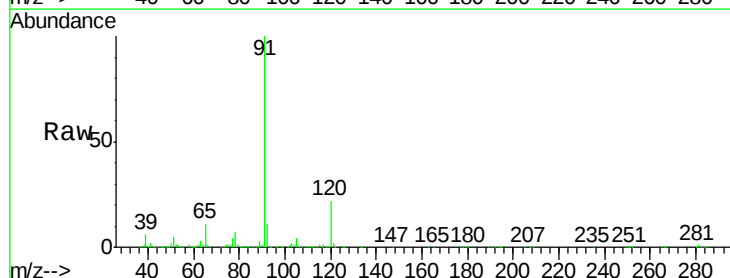
Acq: 29 Mar 2019 10:37

Tgt Ion: 91 Resp: 741232

Ion Ratio Lower Upper

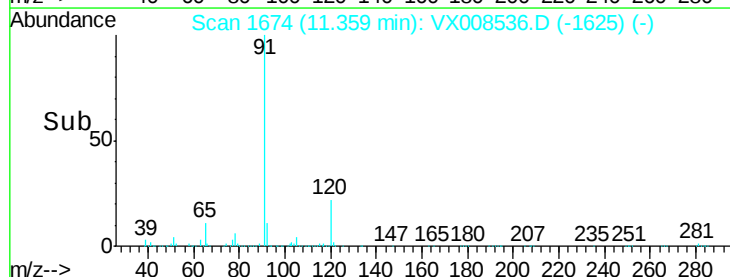
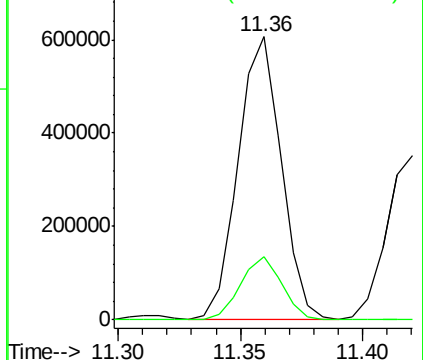
91 100

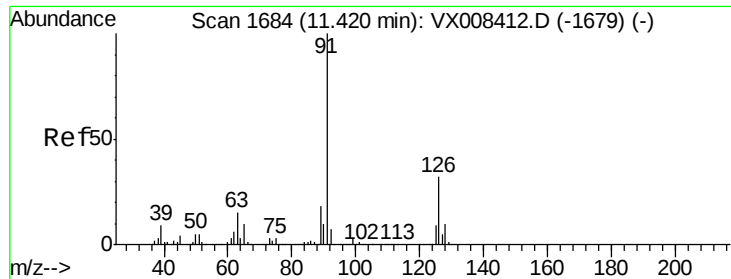
120 21.8 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.933 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

Instrument :

MSVOA_X

ClientSampleId :

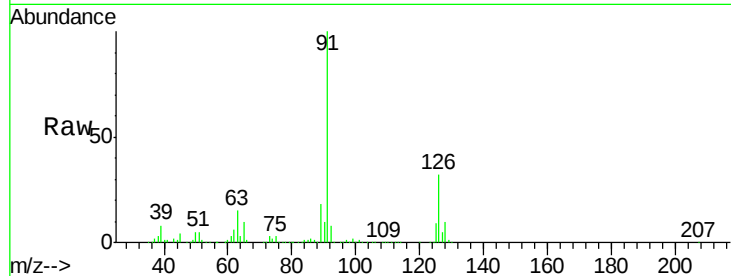
VSTDCCC050

Tgt Ion: 91 Resp: 435894

Ion Ratio Lower Upper

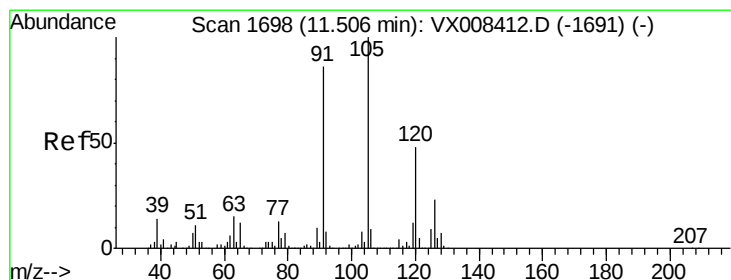
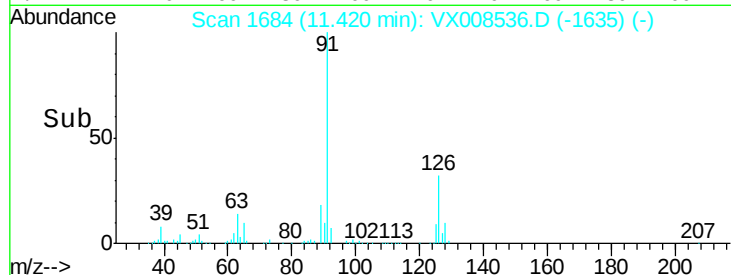
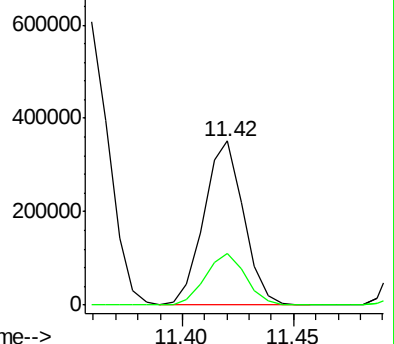
91 100

126 31.8 15.7 47.1



Abundance Ion 91.00 (90.70 to 91.70): VX008412.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX008412.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 55.069 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008536.D

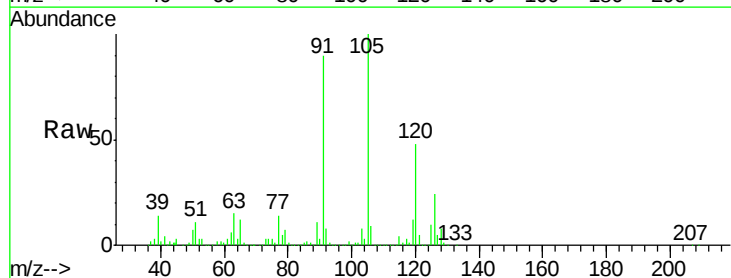
Acq: 29 Mar 2019 10:37

Tgt Ion: 105 Resp: 528097

Ion Ratio Lower Upper

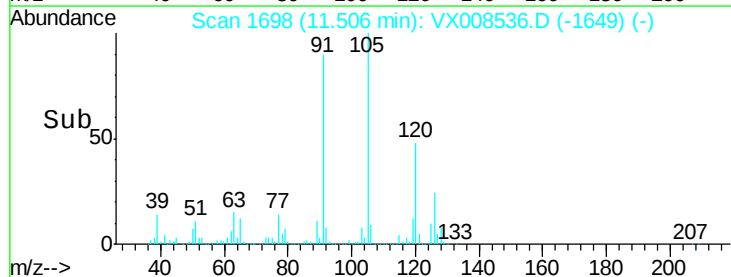
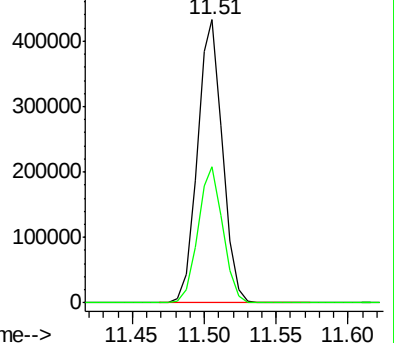
105 100

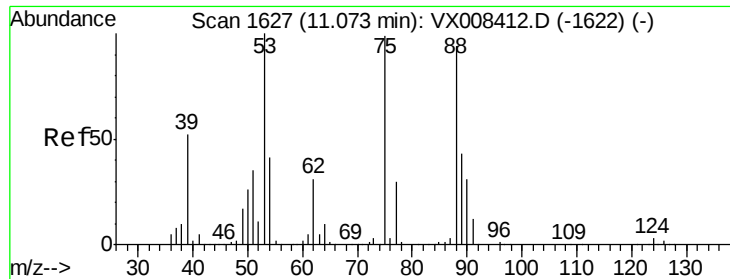
120 47.9 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): VX008412.D (-1691) (-)

Ion 120.00 (119.70 to 120.70): VX008412.D (-1691) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 58.973 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

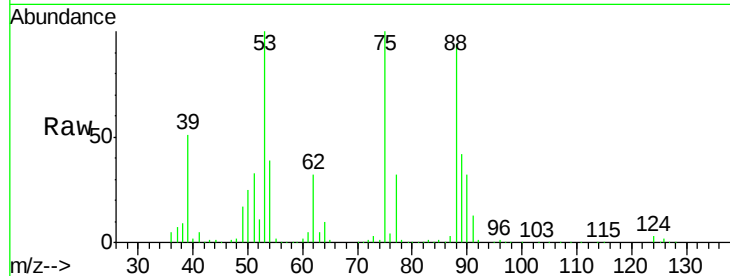
Tgt Ion: 75 Resp: 76322

Ion Ratio Lower Upper

75 100

53 104.3 82.1 123.1

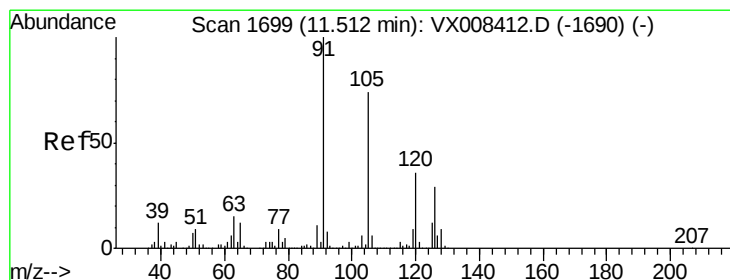
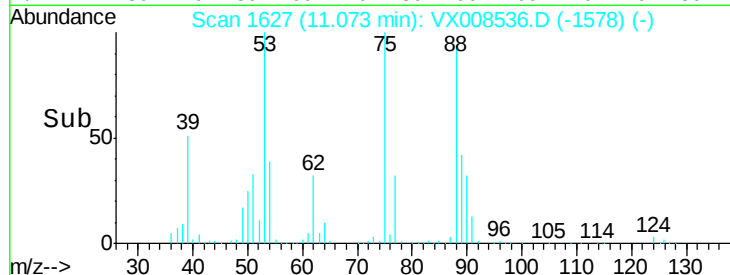
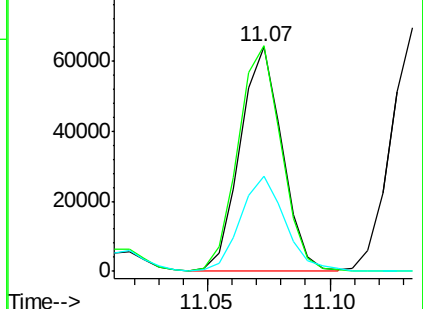
89 45.3 34.6 52.0



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: 54.157 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX008536.D

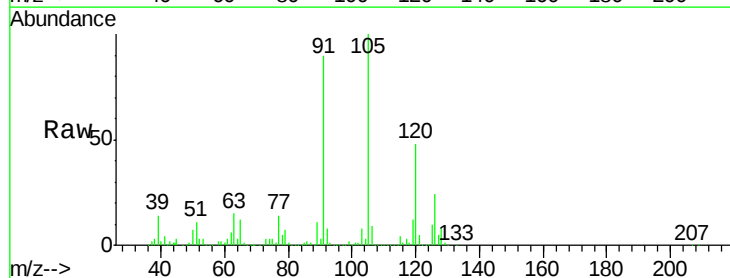
Acq: 29 Mar 2019 10:37

Tgt Ion: 91 Resp: 504888

Ion Ratio Lower Upper

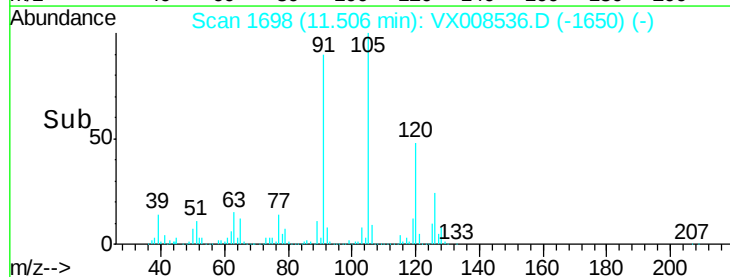
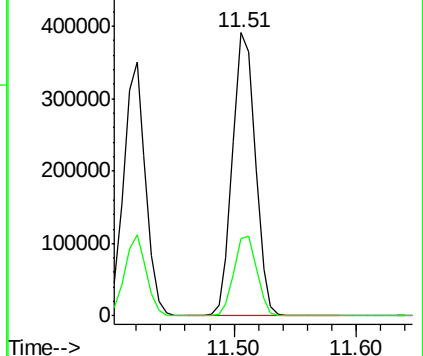
91 100

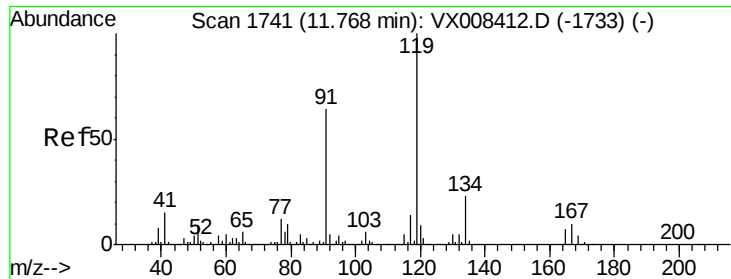
126 28.3 13.9 41.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

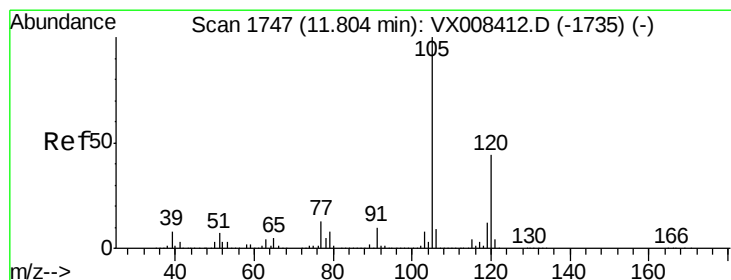
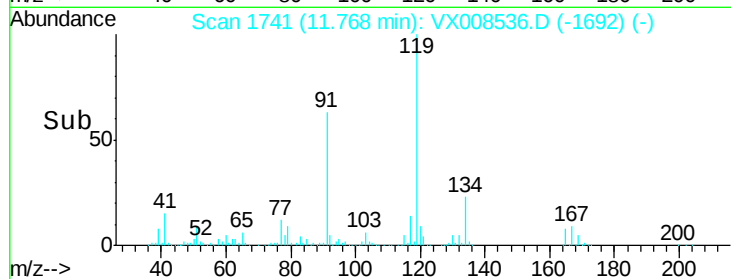
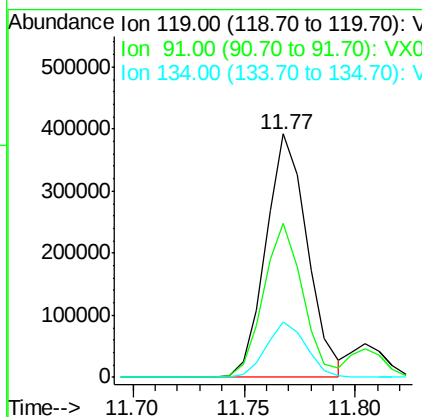
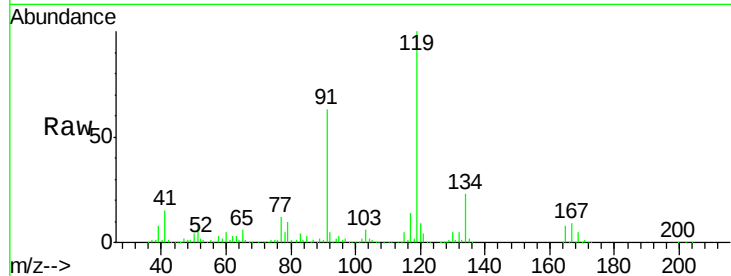




#83
 tert-Butylbenzene
 Concen: 54.801 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX008536.D
 Acq: 29 Mar 2019 10:37

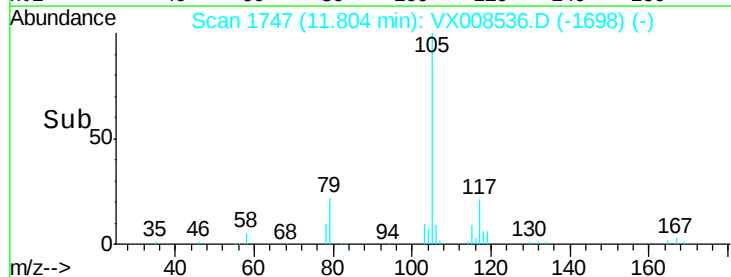
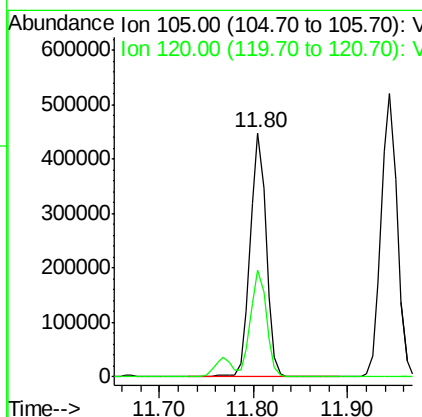
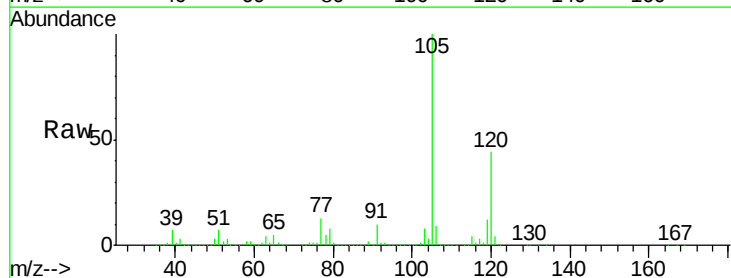
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

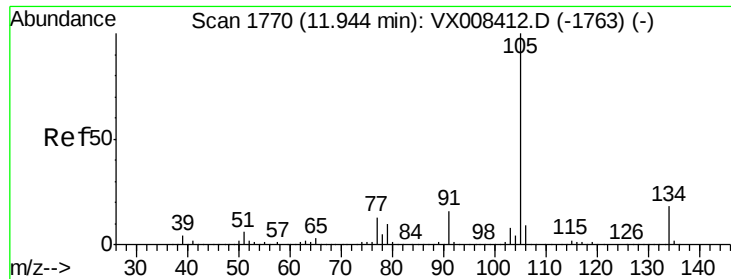
Tgt Ion:119 Resp: 507031
 Ion Ratio Lower Upper
 119 100
 91 60.3 30.1 90.3
 134 21.9 10.9 32.9



#84
 1,2,4-Trimethylbenzene
 Concen: 55.136 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008536.D
 Acq: 29 Mar 2019 10:37

Tgt Ion:105 Resp: 534794
 Ion Ratio Lower Upper
 105 100
 120 43.9 21.6 65.0

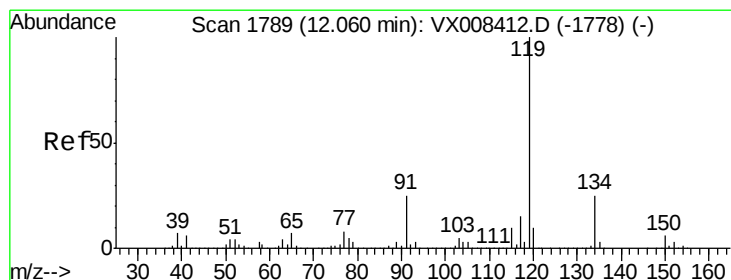
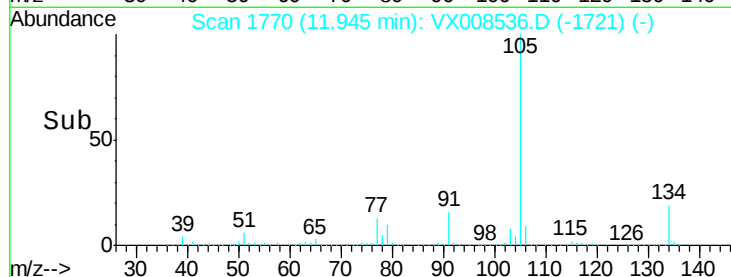
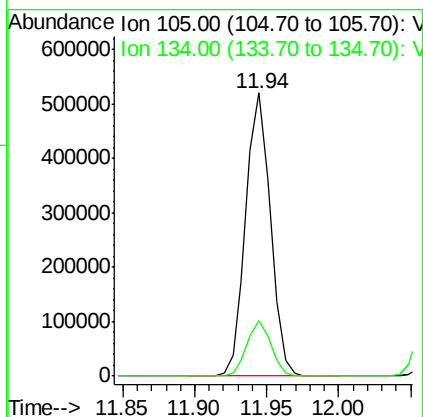
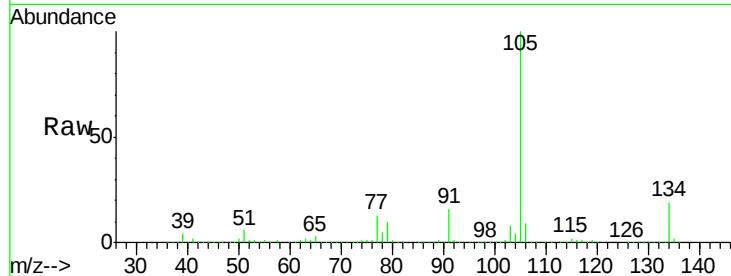




#85
 sec-Butylbenzene
 Concen: 55.992 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX008536.D
 Acq: 29 Mar 2019 10:37

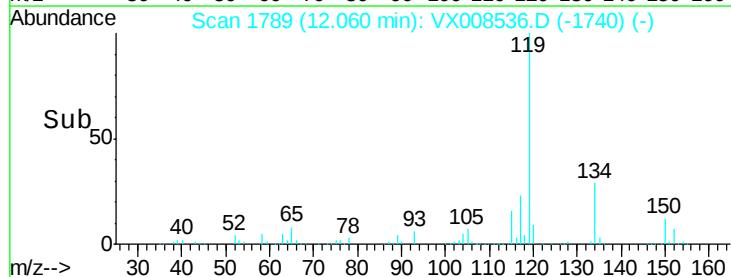
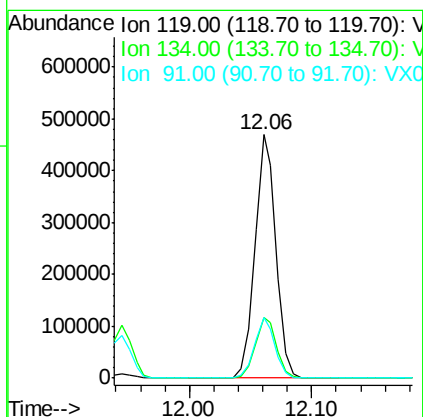
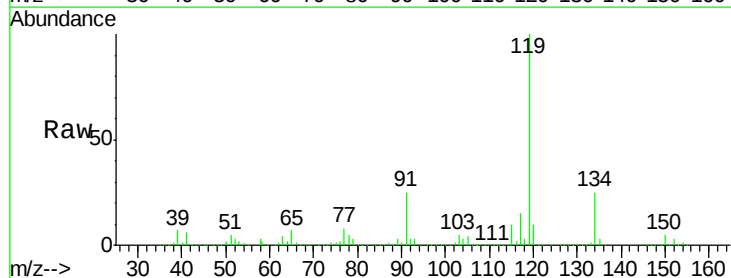
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

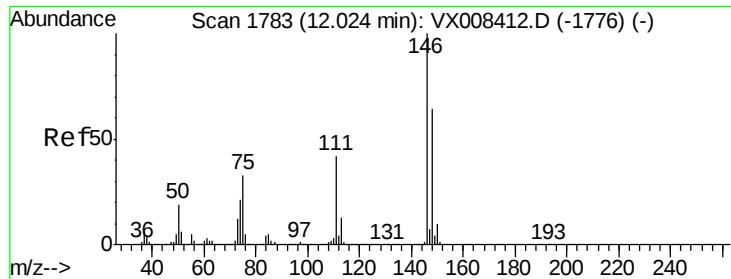
Tgt Ion:105 Resp: 616920
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.3 28.0



#86
 p-Isopropyltoluene
 Concen: 57.746 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX008536.D
 Acq: 29 Mar 2019 10:37

Tgt Ion:119 Resp: 561419
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.8 38.4
 91 24.1 12.4 37.0

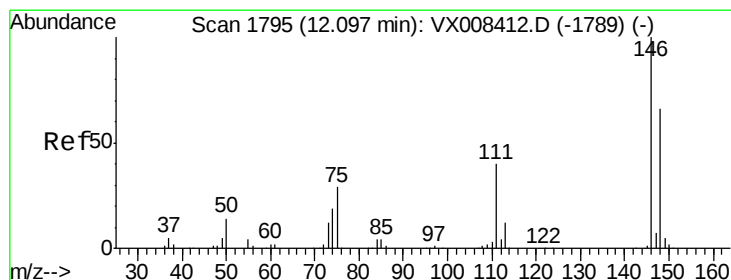
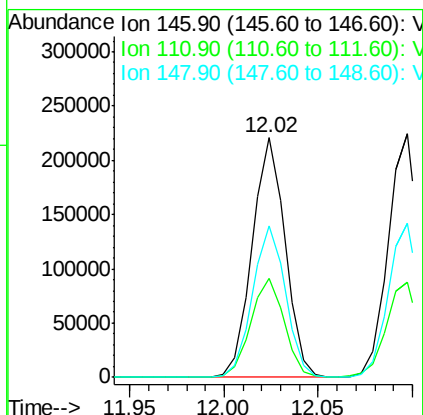
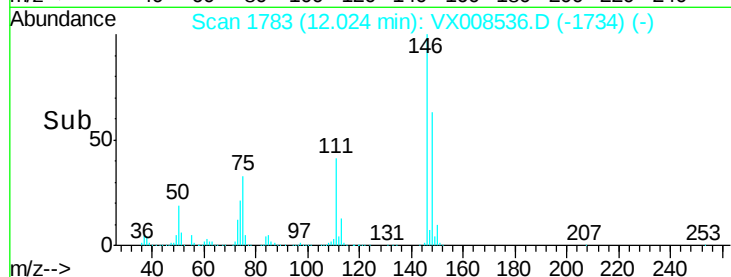
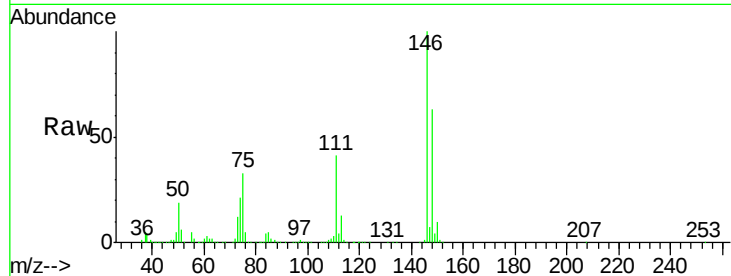




#87
 1,3-Dichlorobenzene
 Concen: 54.640 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008536.D
 Acq: 29 Mar 2019 10:37

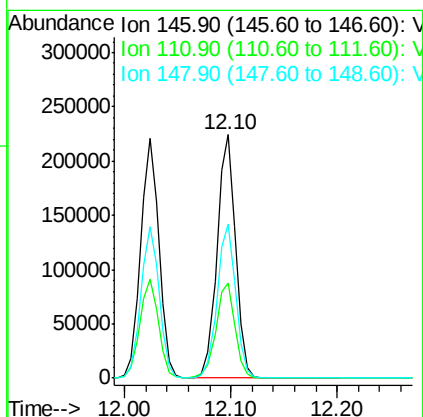
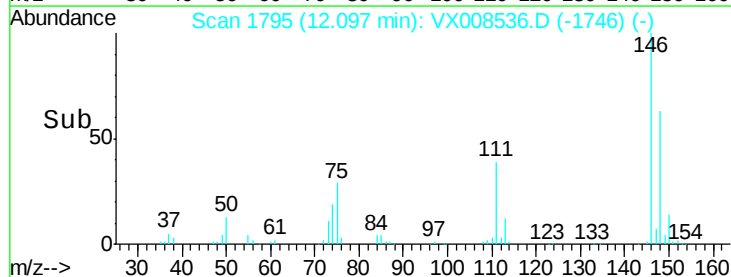
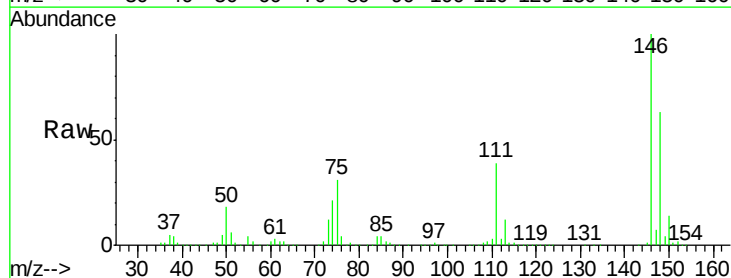
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

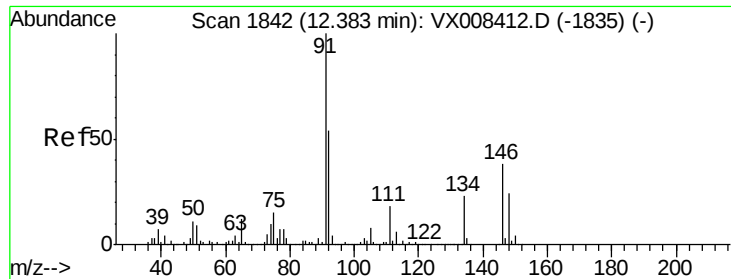
Tgt Ion:146 Resp: 268762
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.8 62.5
 148 63.0 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 54.151 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008536.D
 Acq: 29 Mar 2019 10:37

Tgt Ion:146 Resp: 268813
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.3 61.0
 148 63.4 32.1 96.5

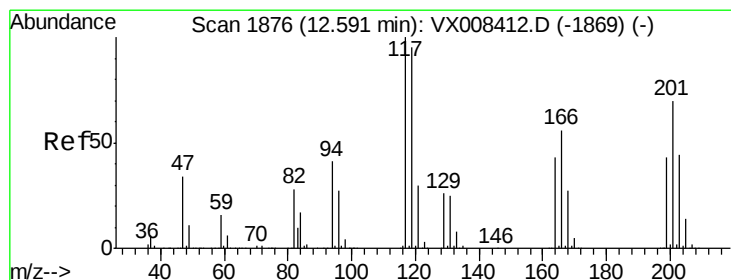
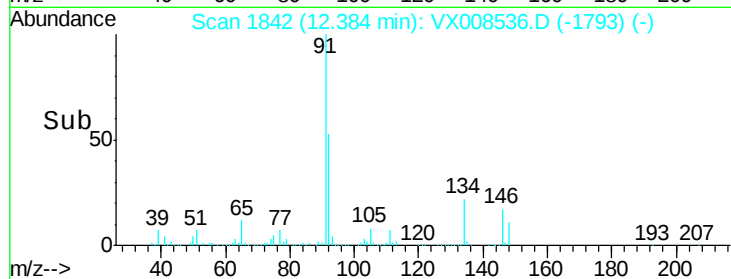
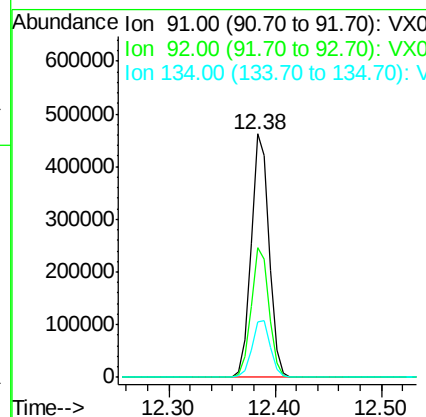
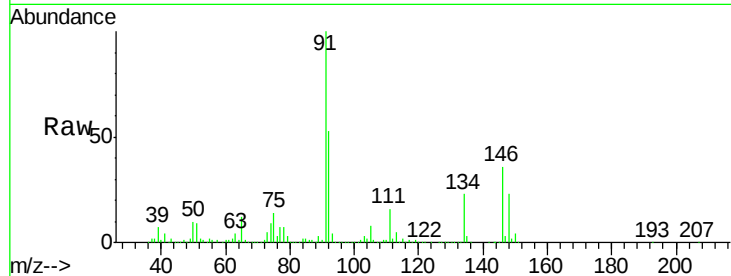




#89
n-Butylbenzene
Concen: 58.981 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

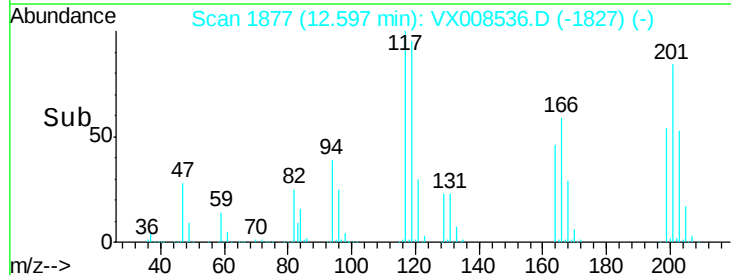
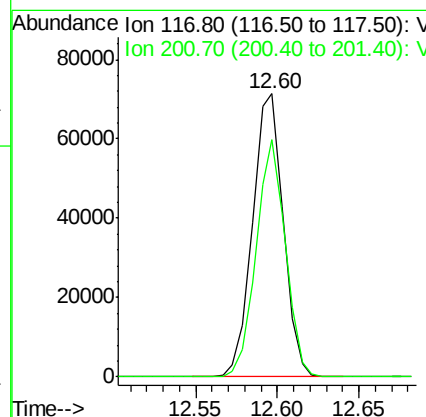
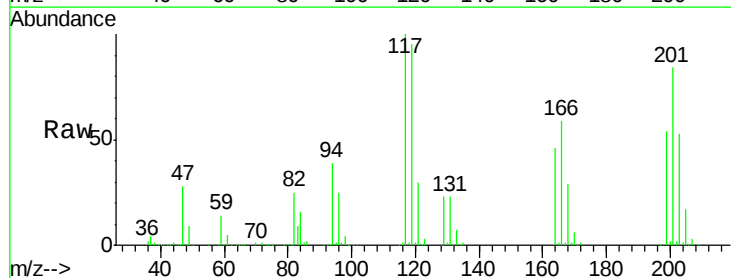
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

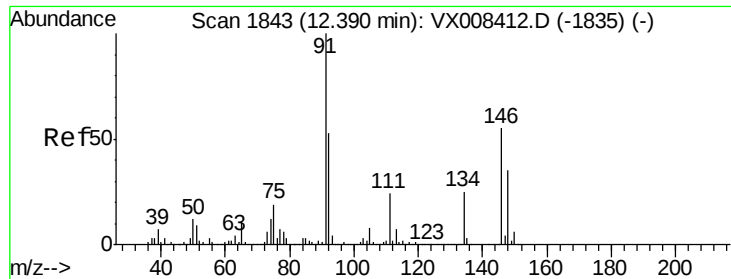
Tgt Ion: 91 Resp: 543210
Ion Ratio Lower Upper
91 100
92 53.3 26.5 79.5
134 24.0 11.8 35.4



#90
Hexachloroethane
Concen: 57.864 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Tgt Ion: 117 Resp: 93721
Ion Ratio Lower Upper
117 100
201 79.6 39.4 118.1

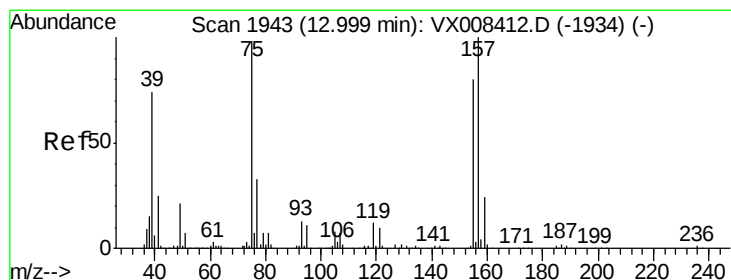
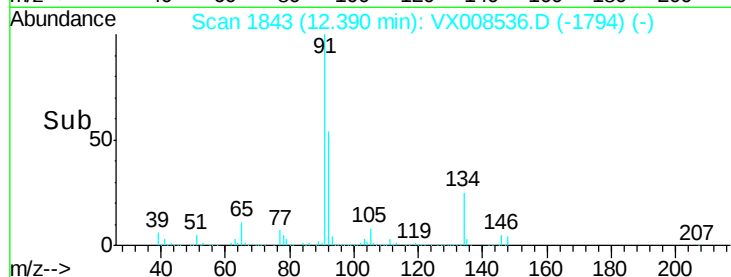
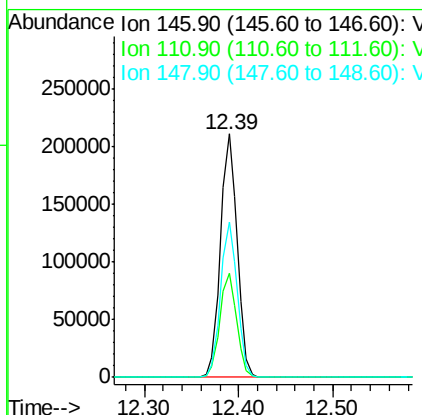
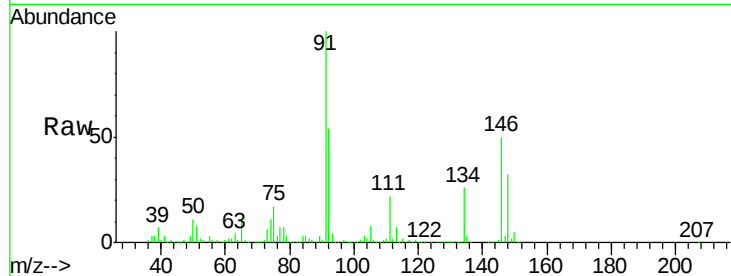




#91
 1,2-Dichlorobenzene
 Concen: 52.883 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008536.D
 Acq: 29 Mar 2019 10:37

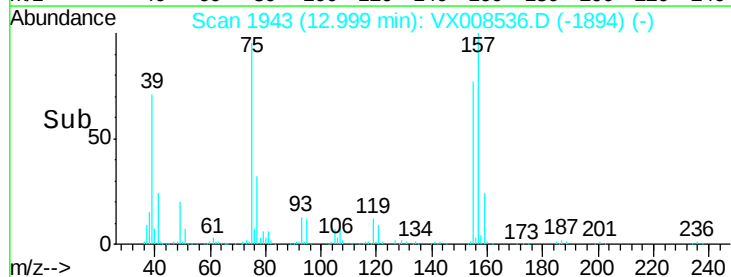
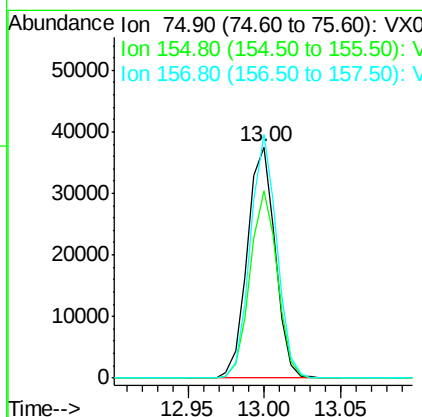
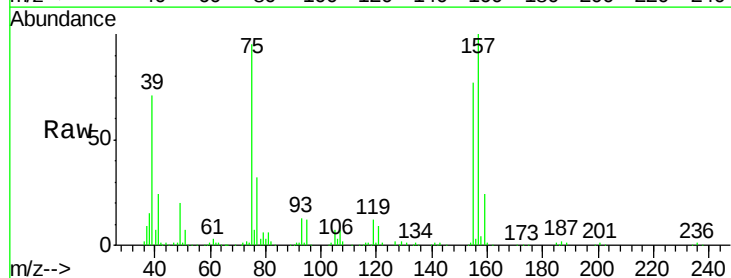
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

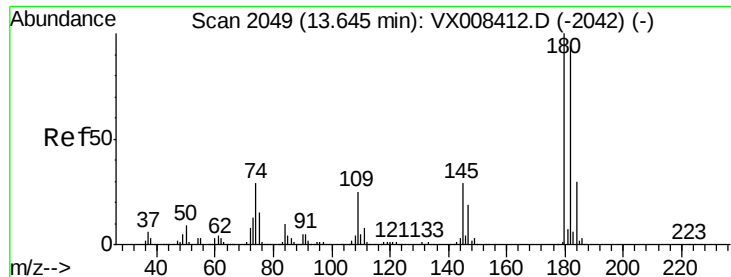
Tgt Ion:146 Resp: 260490
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.6 64.6
 148 63.7 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.382 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008536.D
 Acq: 29 Mar 2019 10:37

Tgt Ion: 75 Resp: 47389
 Ion Ratio Lower Upper
 75 100
 155 79.4 39.5 118.5
 157 100.3 49.9 149.7

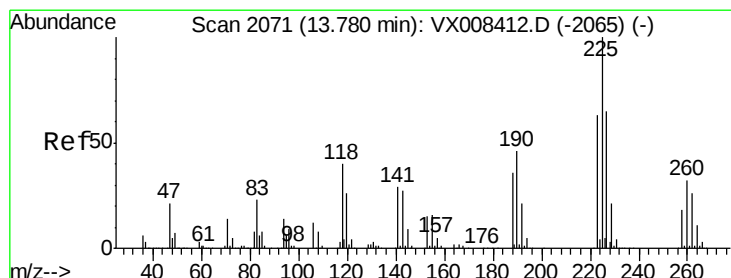
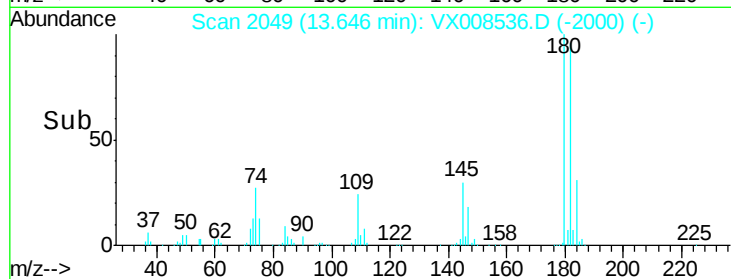
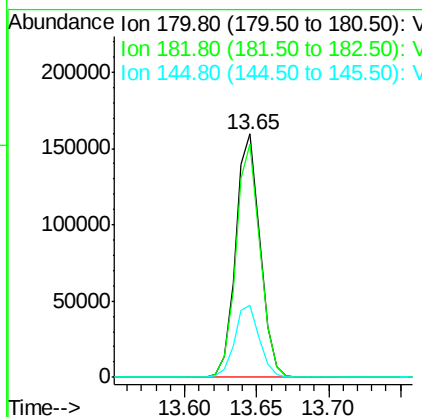
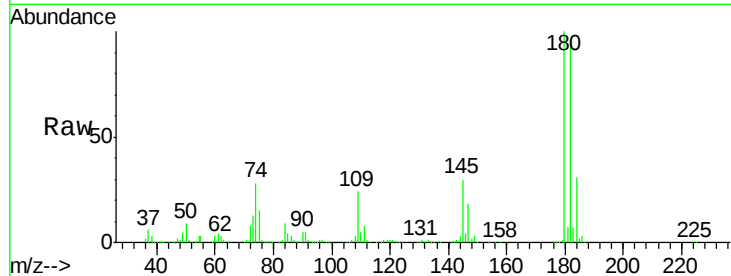




#93
 1,2,4-Trichlorobenzene
 Concen: 56.893 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008536.D
 Acq: 29 Mar 2019 10:37

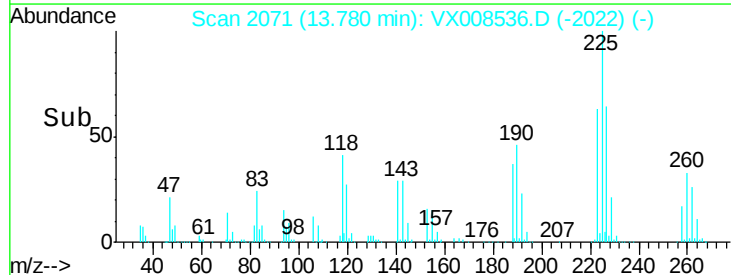
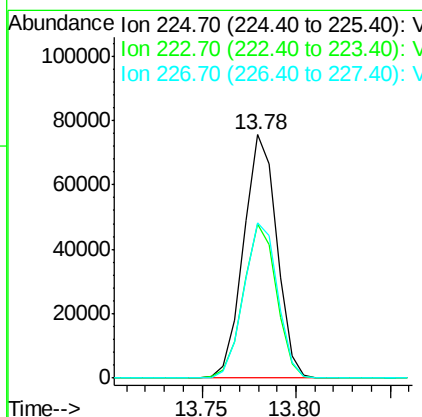
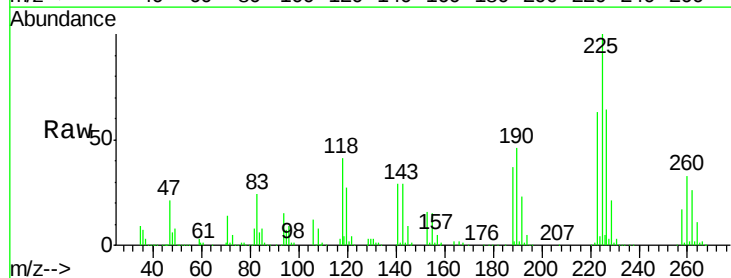
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

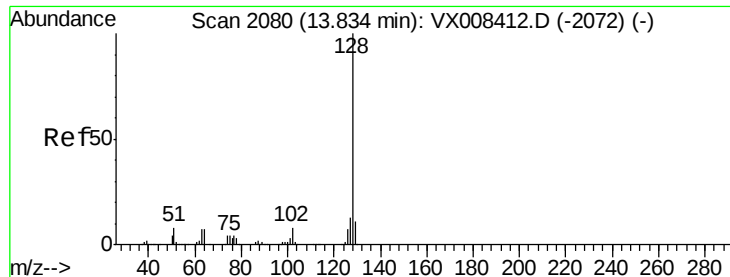
Tgt Ion:180 Resp: 188676
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.3 142.0
 145 30.0 15.3 45.8



#94
 Hexachlorobutadiene
 Concen: 58.653 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008536.D
 Acq: 29 Mar 2019 10:37

Tgt Ion:225 Resp: 92360
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.4 94.0
 227 64.9 31.9 95.9

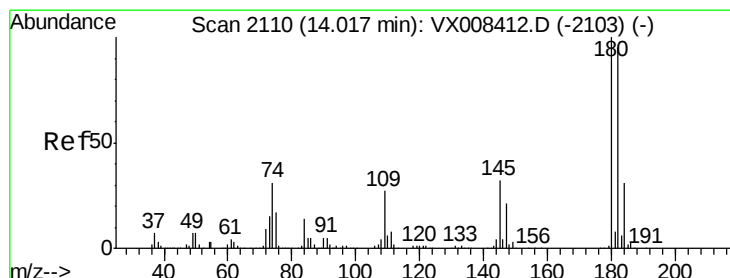
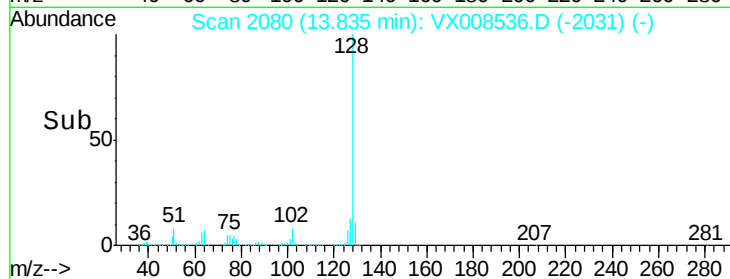
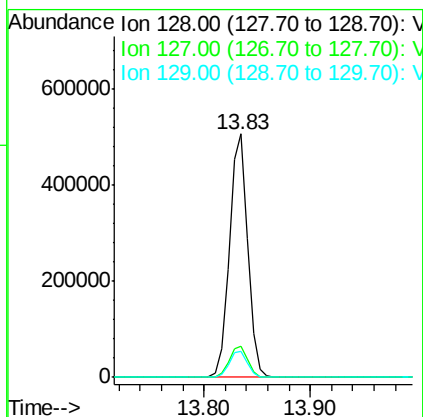
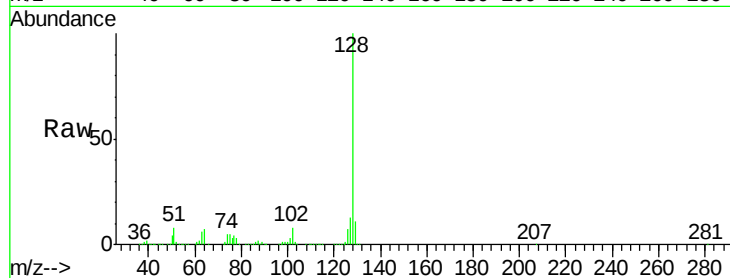




#95
Naphthalene
Concen: 53.358 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 606663
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 55.030 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Tgt Ion:180 Resp: 183382
Ion Ratio Lower Upper
180 100
182 97.1 47.3 142.0
145 32.4 16.2 48.5

