

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040319\
 Data File : VX008608.D
 Acq On : 03 Apr 2019 10:43
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Apr 04 04:10:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:04:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	200888	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	335581	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	295137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	134516	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	147336	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
35) Dibromofluoromethane	5.50	113	107894	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
50) Toluene-d8	8.71	98	437017	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
62) 4-Bromofluorobenzene	11.13	95	155772	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	114148	49.364	ug/l	100
3) Chloromethane	1.32	50	144363	45.189	ug/l	100
4) Vinyl Chloride	1.41	62	152742	48.863	ug/l	100
5) Bromomethane	1.64	94	68628	41.166	ug/l	100
6) Chloroethane	1.71	64	90625	41.260	ug/l	100
7) Trichlorofluoromethane	1.92	101	171017	49.492	ug/l	100
8) Diethyl Ether	2.19	74	80325	49.019	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	110211	49.539	ug/l	100
10) Methyl Iodide	2.51	142	103983	56.703	ug/l	100
11) Tert butyl alcohol	3.06	59	170938	249.193	ug/l	100
12) 1,1-Dichloroethene	2.37	96	113181	48.734	ug/l	100
13) Acrolein	2.29	56	82088	241.337	ug/l	100
14) Allyl chloride	2.73	41	264575	49.764	ug/l	100
15) Acrylonitrile	3.15	53	451621	248.520	ug/l	100
16) Acetone	2.45	43	440822	261.207	ug/l	100
17) Carbon Disulfide	2.57	76	342905	45.969	ug/l	100
18) Methyl Acetate	2.78	43	195050	47.655	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	419261	50.550	ug/l	100
20) Methylene Chloride	2.86	84	133707	47.332	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	119791	47.686	ug/l	100
22) Diisopropyl ether	3.86	45	508456	49.618	ug/l	100
23) Vinyl Acetate	3.82	43	2288482	256.714	ug/l	100
24) 1,1-Dichloroethane	3.70	63	252149	49.698	ug/l	100
25) 2-Butanone	4.68	43	689803	258.610	ug/l	100
26) 2,2-Dichloropropane	4.59	77	180926	50.631	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	140113	48.512	ug/l	100
28) Bromochloromethane	5.02	49	115880	48.123	ug/l	100
29) Tetrahydrofuran	5.13	42	440885	249.034	ug/l	100
30) Chloroform	5.21	83	225011	49.654	ug/l	100
31) Cyclohexane	5.58	56	244451	48.286	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	185945	50.778	ug/l	100
36) 1,1-Dichloropropene	5.80	75	179297	48.878	ug/l	100
37) Ethyl Acetate	4.84	43	253855	51.846	ug/l	100
38) Carbon Tetrachloride	5.79	117	155779	51.310	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	223379	49.295	ug/l	100
40) Benzene	6.14	78	543534	49.737	ug/l	100
41) Methacrylonitrile	5.04	41	140319	49.857	ug/l	100
42) 1,2-Dichloroethane	6.20	62	191561	48.896	ug/l	100
43) Isopropyl Acetate	6.45	43	394677	51.456	ug/l	100
44) Trichloroethene	7.21	130	126295	49.620	ug/l	100
45) 1,2-Dichloropropane	7.51	63	156223	50.085	ug/l	100
46) Dibromomethane	7.66	93	87683	48.469	ug/l	100
47) Bromodichloromethane	7.90	83	175114	51.339	ug/l	100
48) Methyl methacrylate	7.77	41	200026	51.554	ug/l	100
49) 1,4-Dioxane	7.74	88	72149	992.667	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1274808	258.187	ug/l	100
52) Toluene	8.79	92	325288	50.489	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	203954	53.379	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	226719	51.930	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	129821	50.199	ug/l	100
56) Ethyl methacrylate	9.18	69	243512	52.042	ug/l	100
57) 1,3-Dichloropropane	9.37	76	234217	50.436	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	616627	258.082	ug/l	100
59) 2-Hexanone	9.49	43	980485	255.522	ug/l	100
60) Dibromochloromethane	9.58	129	128340	52.664	ug/l	100
61) 1,2-Dibromoethane	9.67	107	136068	50.540	ug/l	100
64) Tetrachloroethene	9.34	164	108420	49.583	ug/l	100
65) Chlorobenzene	10.14	112	325681	49.781	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	118431	51.601	ug/l	100
67) Ethyl Benzene	10.25	91	617572	50.624	ug/l	100
68) m/p-Xylenes	10.36	106	444005	101.226	ug/l	100
69) o-Xylene	10.70	106	214507	50.463	ug/l	100
70) Styrene	10.71	104	376477	51.380	ug/l	100
71) Bromoform	10.85	173	93751	53.483	ug/l	# 100
73) Isopropylbenzene	11.02	105	572653	51.369	ug/l	100
74) N-amyl acetate	10.90	43	334431	50.991	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	209616	49.442	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	253916	63.851	ug/l	80
77) Bromobenzene	11.26	156	135154	50.432	ug/l	100
78) n-propylbenzene	11.36	91	671014	51.696	ug/l	100
79) 2-Chlorotoluene	11.42	91	393303	50.071	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	484132	51.737	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	73085	54.519	ug/l	100
82) 4-Chlorotoluene	11.51	91	456531	50.210	ug/l	100
83) tert-Butylbenzene	11.77	119	456447	50.701	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	486670	51.363	ug/l	100
85) sec-Butylbenzene	11.94	105	553749	51.783	ug/l	100
86) p-Isopropyltoluene	12.06	119	497361	51.819	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	238671	49.747	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	236264	48.632	ug/l	100
89) n-Butylbenzene	12.38	91	473808	52.639	ug/l	100
90) Hexachloroethane	12.60	117	83854	52.675	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	234844	49.301	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	46588	49.952	ug/l	100

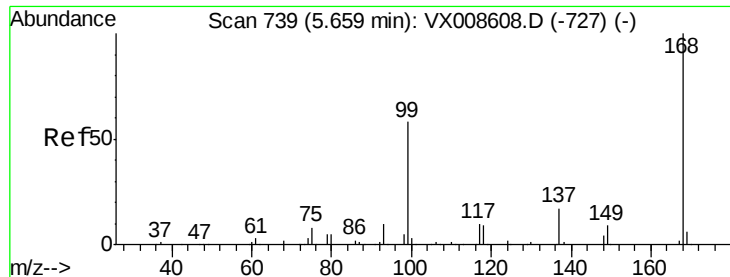
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QLast Update : Thu Apr 04 04:04:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	163079	49.239	ug/l	100
94) Hexachlorobutadiene	13.78	225	81400	51.247	ug/l	100
95) Naphthalene	13.83	128	555178	50.154	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	161155	48.700	ug/l	100

(#) = 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: VX008608.D

Acq: 03 Apr 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

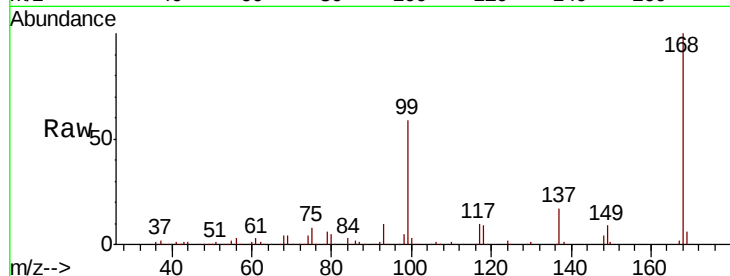
VSTDICCC050

Tot Ion:168 Resp: 200888

Ion Ratio Lower Upper

168 100

99 58.4 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

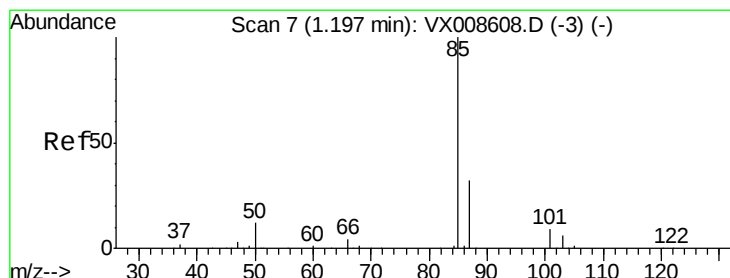
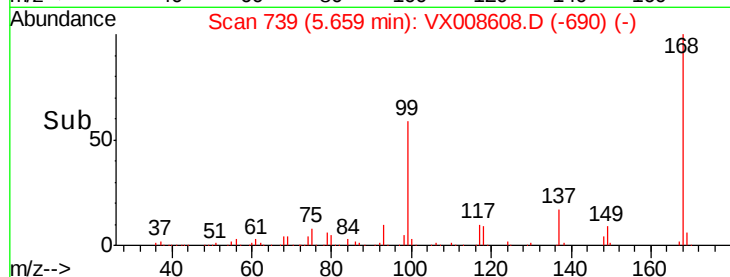
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 49.364 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008608.D

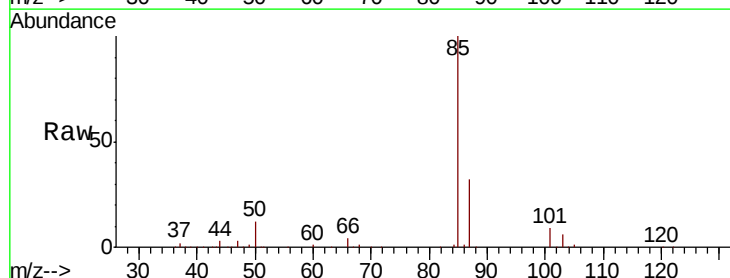
Acq: 03 Apr 2019 10:43

Tgt Ion: 85 Resp: 114148

Ion Ratio Lower Upper

85 100

87 31.5 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

120000

100000

80000

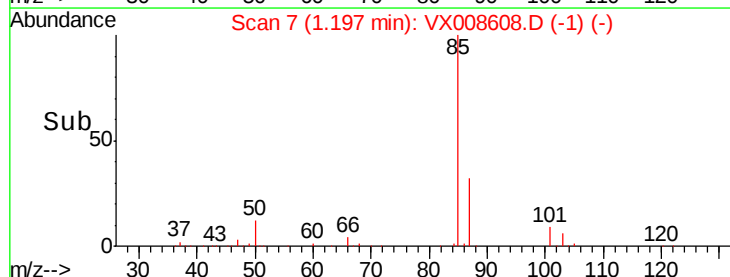
60000

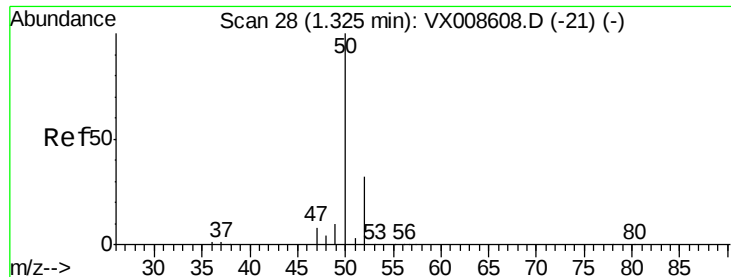
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 45.189 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

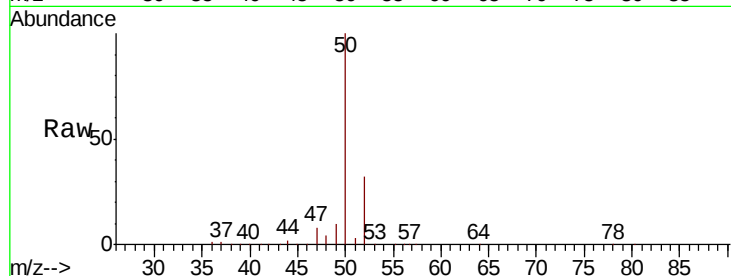
VSTDICCC050

Tot Ion: 50 Resp: 144363

Ion Ratio Lower Upper

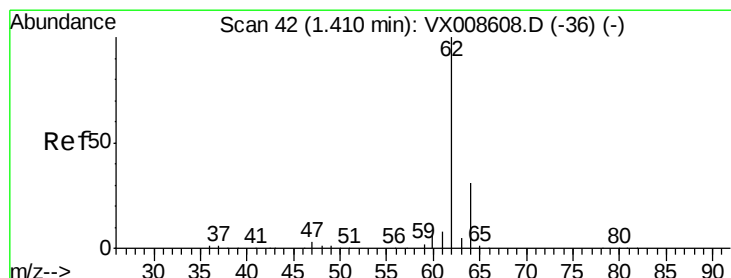
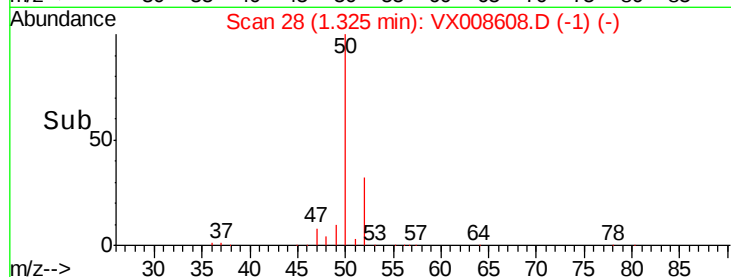
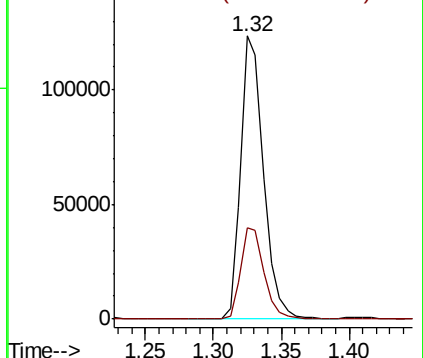
50 100

52 32.3 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.863 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX008608.D

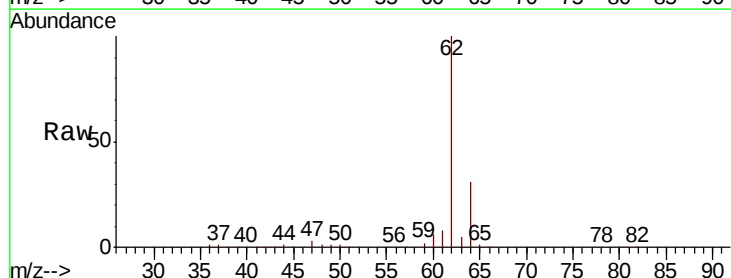
Acq: 03 Apr 2019 10:43

Tgt Ion: 62 Resp: 152742

Ion Ratio Lower Upper

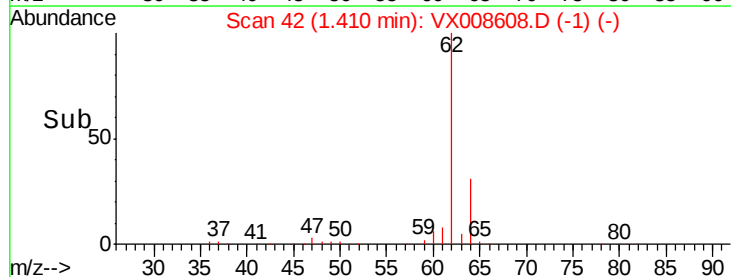
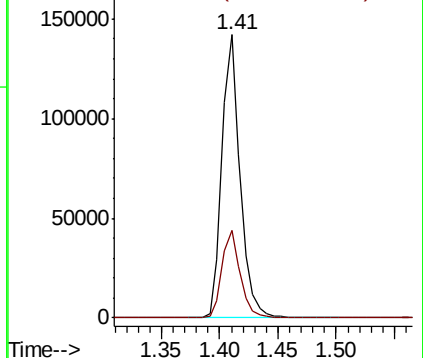
62 100

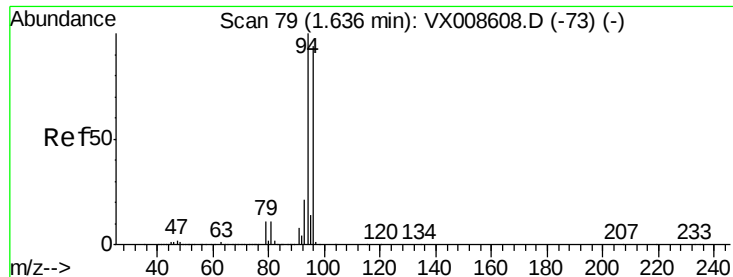
64 30.9 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 41.166 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

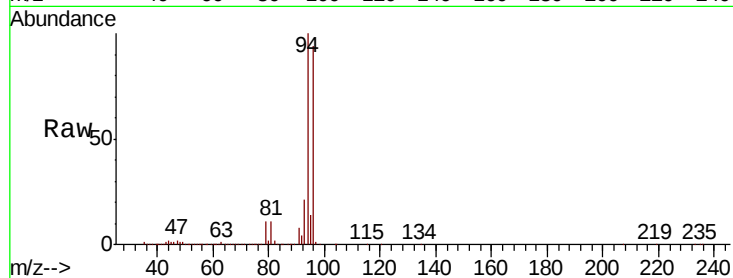
VSTDICCC050

Tot Ion: 94 Resp: 68628

Ion Ratio Lower Upper

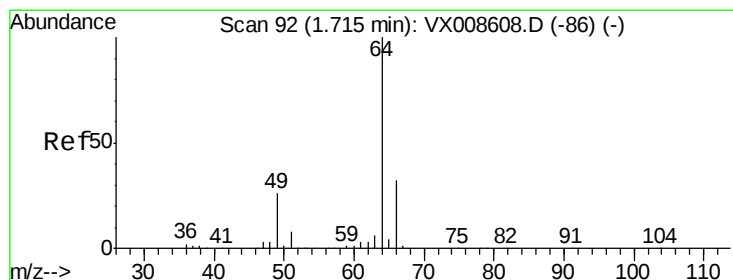
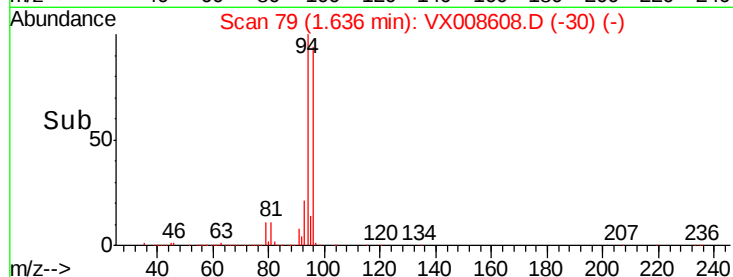
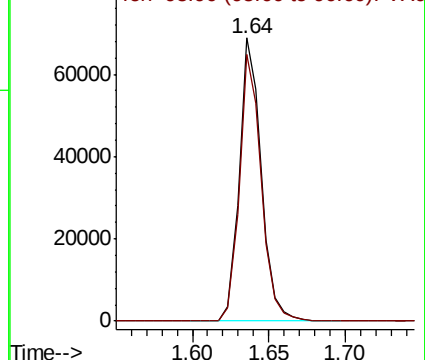
94 100

96 94.0 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 41.260 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008608.D

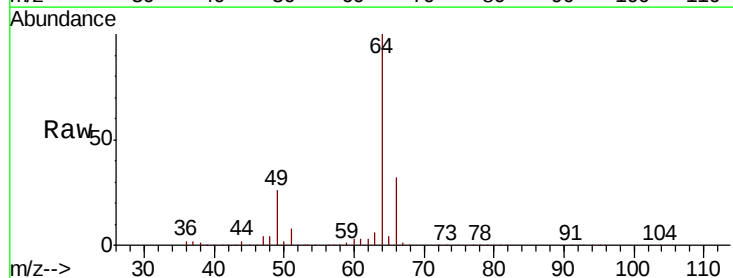
Acq: 03 Apr 2019 10:43

Tgt Ion: 64 Resp: 90625

Ion Ratio Lower Upper

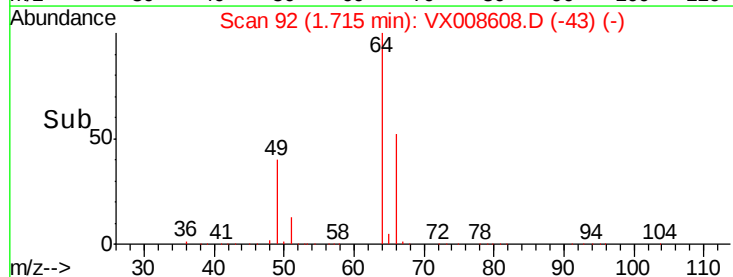
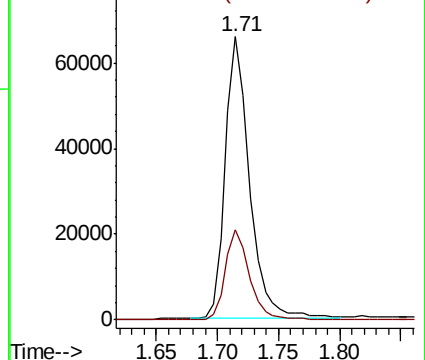
64 100

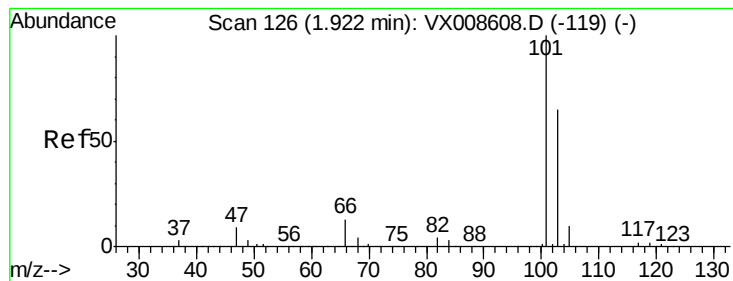
66 31.7 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



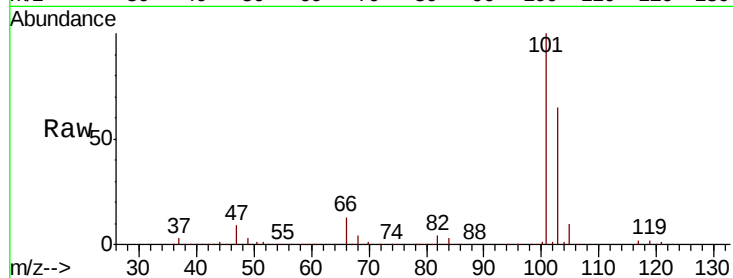


#7

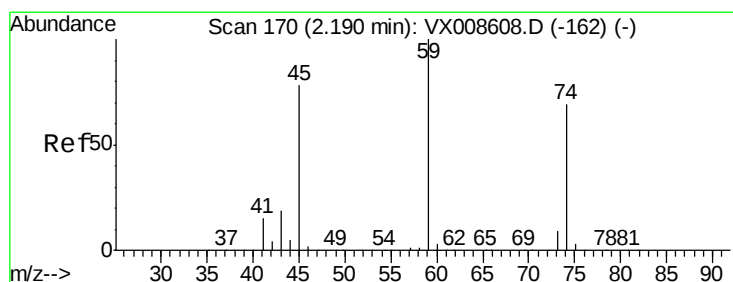
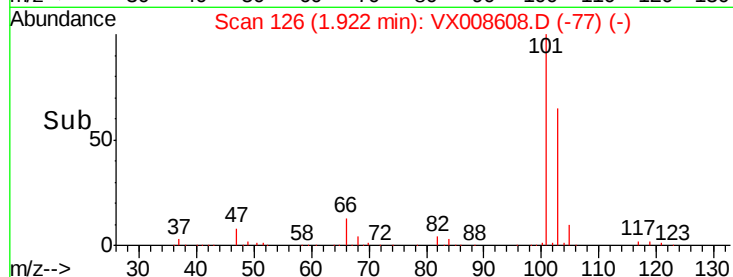
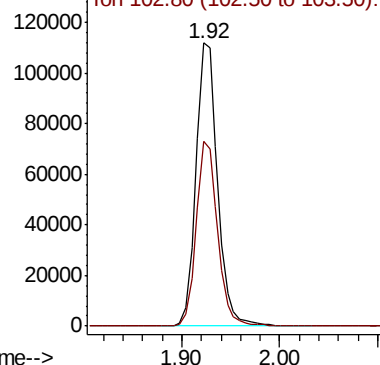
Trichlorofluoromethane
 Concen: 49.492 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX008608.D
 Acq: 03 Apr 2019 10:43

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 VSTDICCC050

Tot Ion:101 Resp: 171017
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.3 78.5



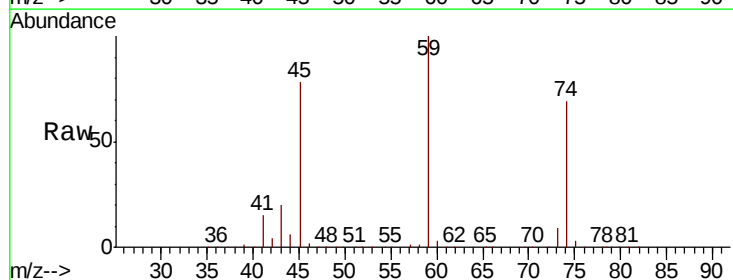
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



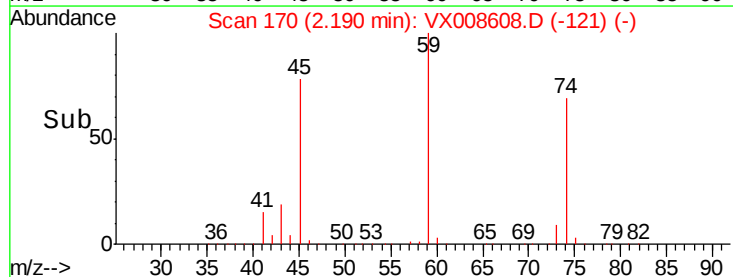
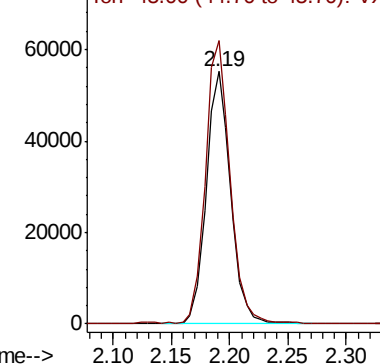
#8

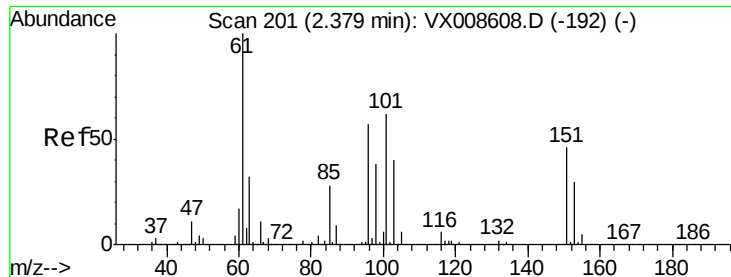
Diethyl Ether
 Concen: 49.019 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX008608.D
 Acq: 03 Apr 2019 10:43

Tgt Ion: 74 Resp: 80325
 Ion Ratio Lower Upper
 74 100
 45 113.0 56.5 169.5



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.539 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

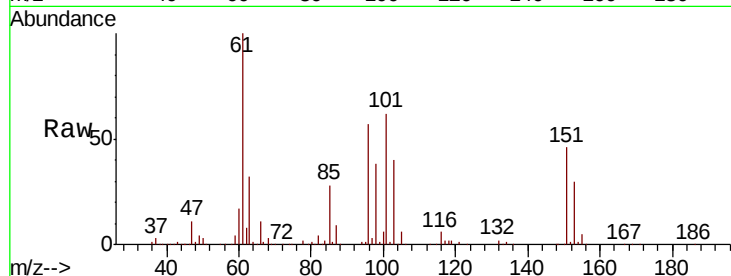
Tot Ion:101 Resp: 110211

Ion Ratio Lower Upper

101 100

85 45.0 36.0 54.0

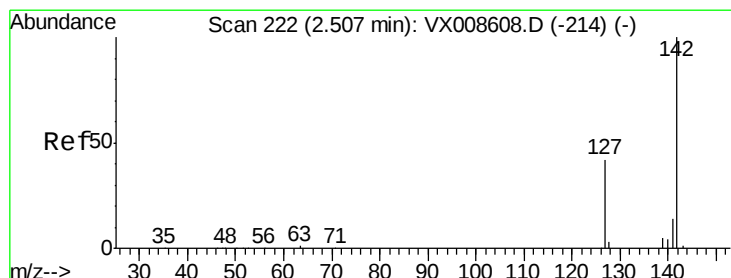
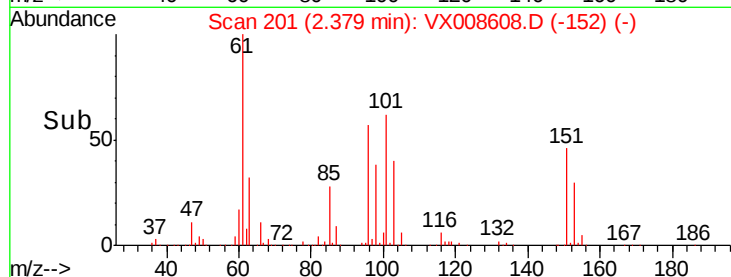
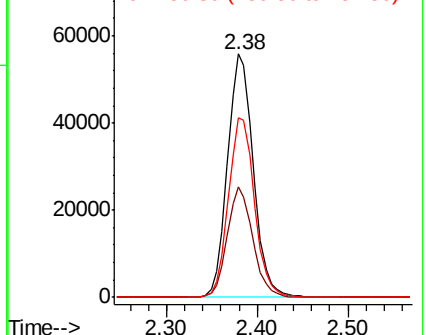
151 74.9 59.9 89.9



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: 56.703 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

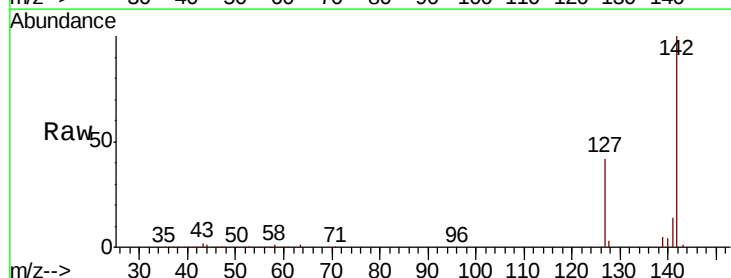
Tgt Ion:142 Resp: 103983

Ion Ratio Lower Upper

142 100

127 41.3 33.0 49.6

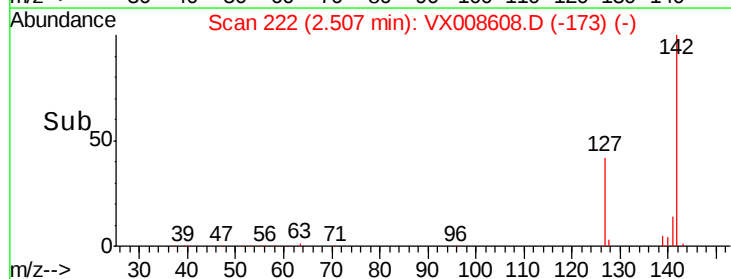
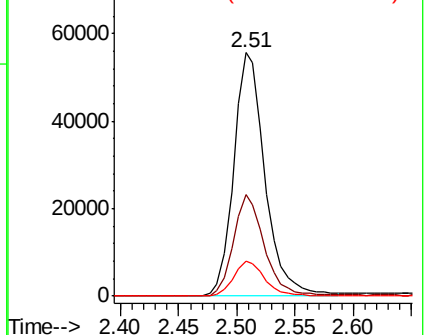
141 14.3 11.4 17.2

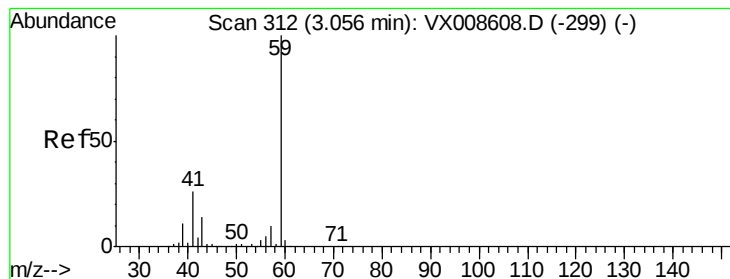


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



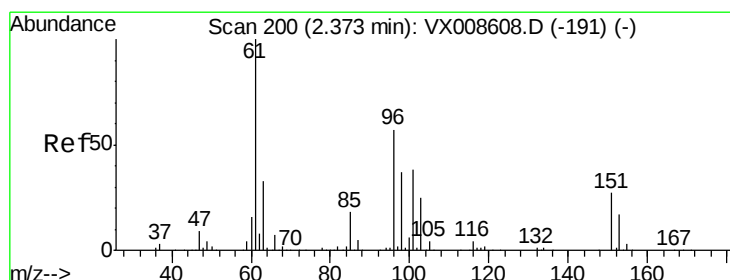
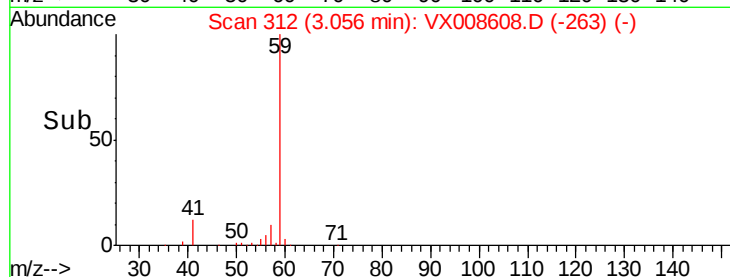
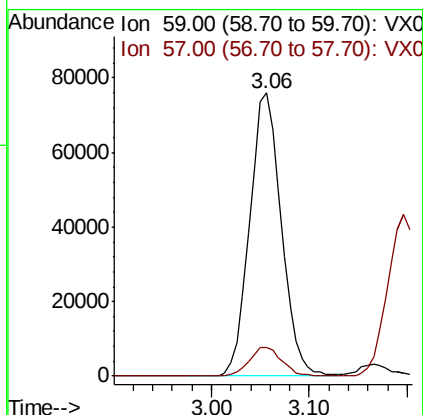
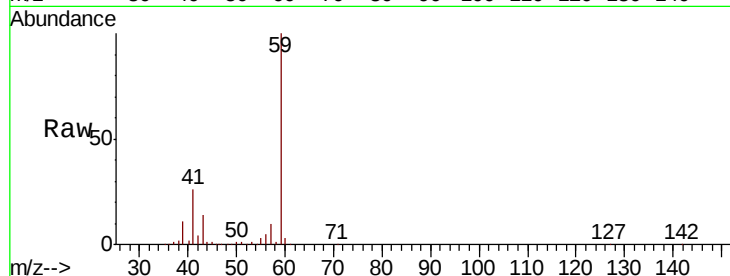


#11

Tert butyl alcohol
 Concen: 249.193 ug/l
 RT: 3.06 min Scan# 312
 Delta R.T. 0.00 min
 Lab File: VX008608.D
 Acq: 03 Apr 2019 10:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

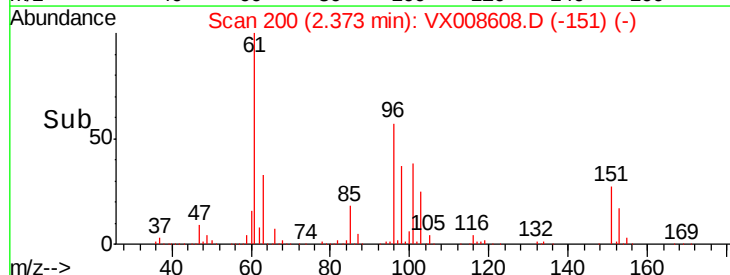
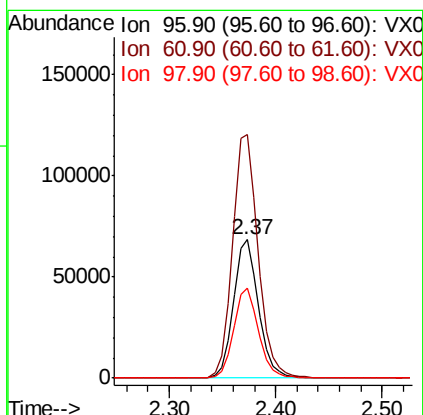
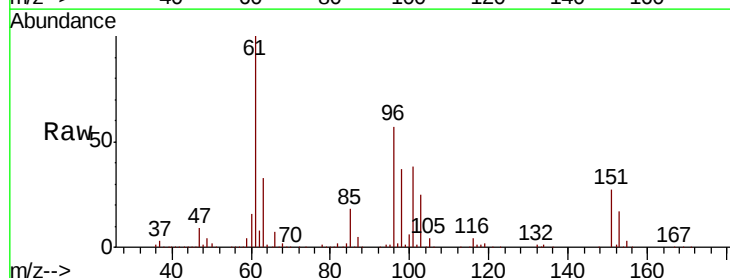
Tot Ion: 59 Resp: 170938
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.3 12.5

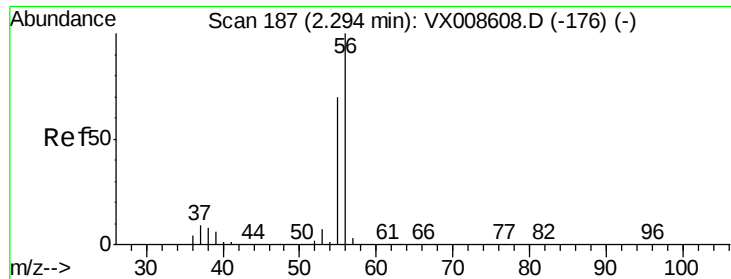


#12

1,1-Dichloroethene
 Concen: 48.734 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX008608.D
 Acq: 03 Apr 2019 10:43

Tgt Ion: 96 Resp: 113181
 Ion Ratio Lower Upper
 96 100
 61 176.1 140.9 211.3
 98 65.1 52.1 78.1





#13

Acrolein

Concen: 241.337 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

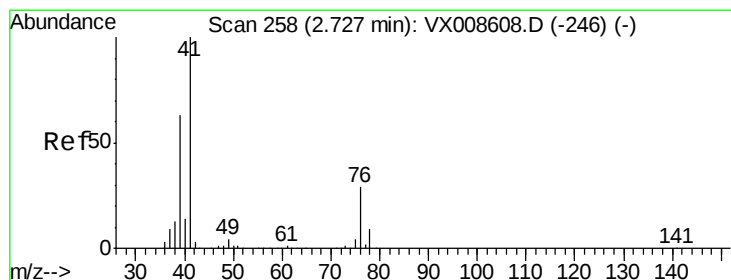
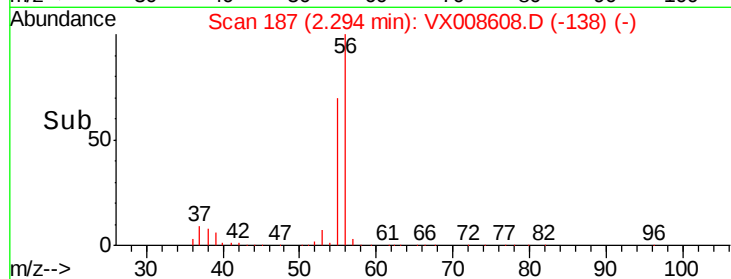
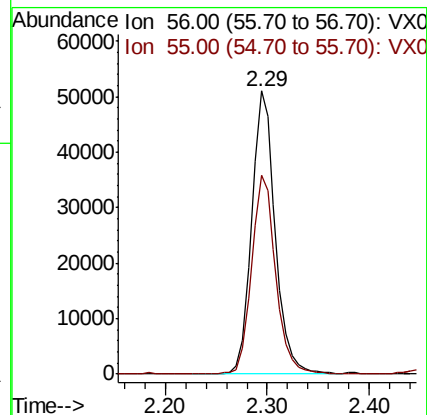
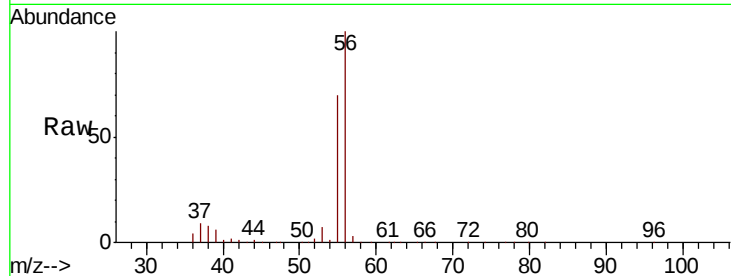
VSTDICCC050

Tot Ion: 56 Resp: 82088

Ion Ratio Lower Upper

56 100

55 72.5 58.0 87.0



#14

Allyl chloride

Concen: 49.764 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

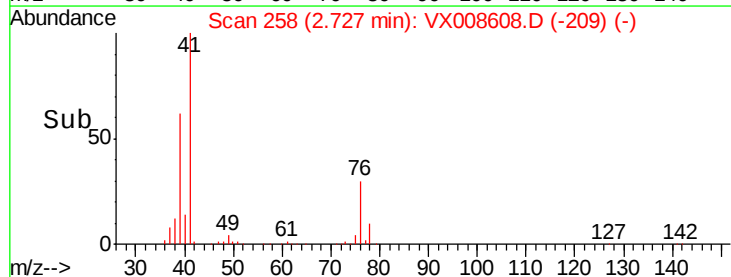
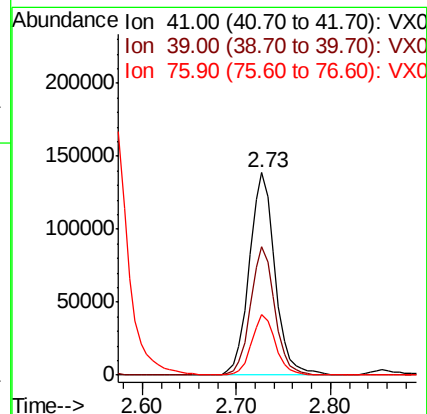
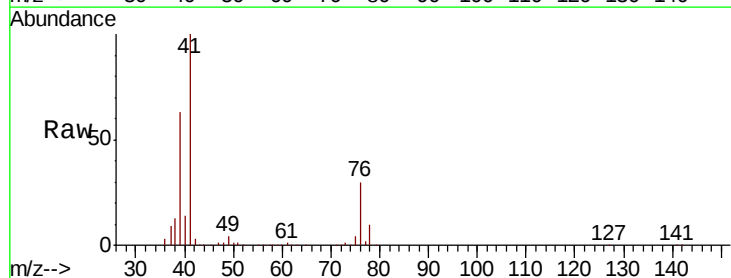
Tgt Ion: 41 Resp: 264575

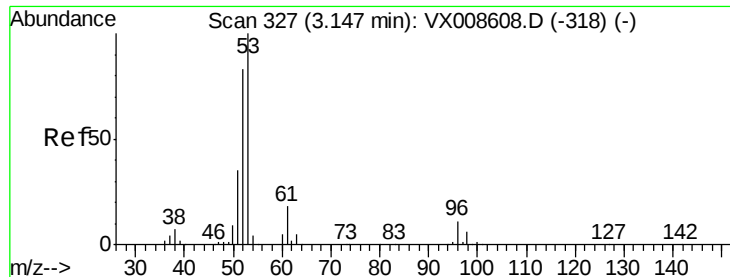
Ion Ratio Lower Upper

41 100

39 60.0 48.0 72.0

76 27.5 22.0 33.0

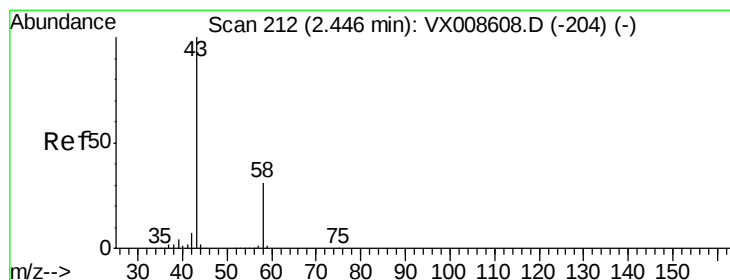
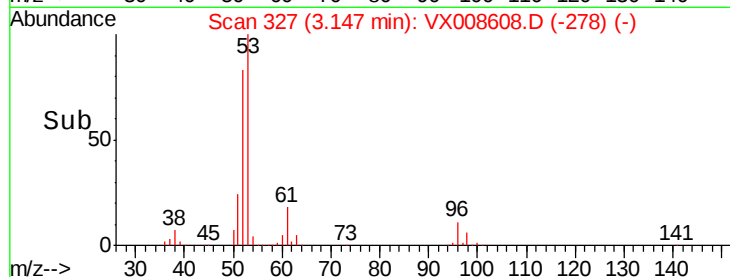
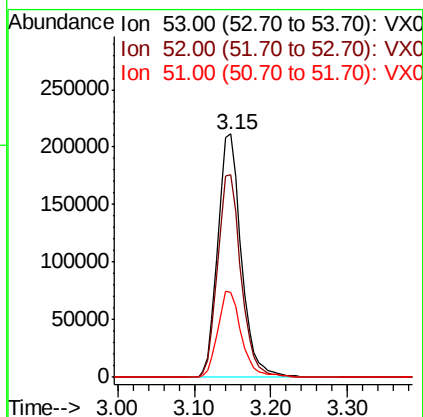
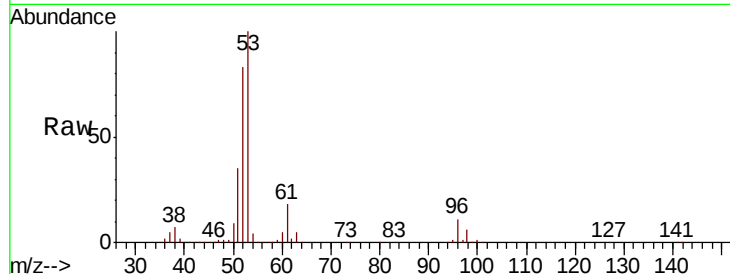




#15
 Acrylonitrile
 Concen: 248.520 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. 0.00 min
 Lab File: VX008608.D
 Acq: 03 Apr 2019 10:43

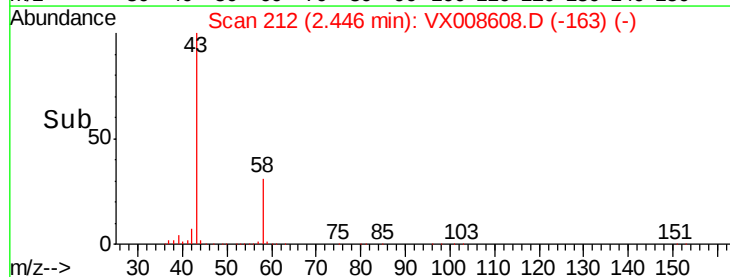
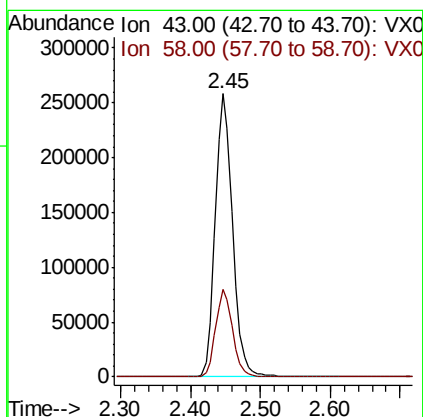
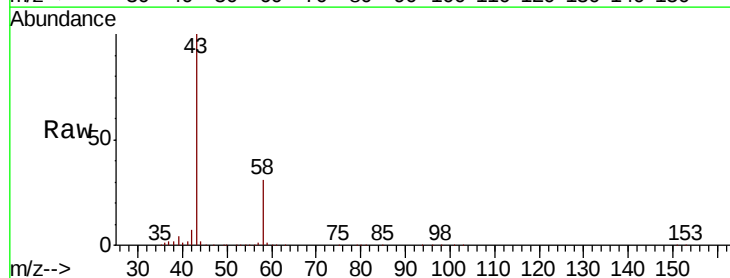
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

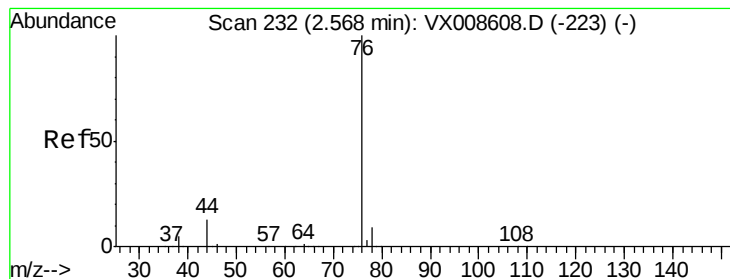
Tot Ion: 53 Resp: 451621
 Ion Ratio Lower Upper
 53 100
 52 83.1 66.5 99.7
 51 35.7 28.6 42.8



#16
 Acetone
 Concen: 261.207 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX008608.D
 Acq: 03 Apr 2019 10:43

Tgt Ion: 43 Resp: 440822
 Ion Ratio Lower Upper
 43 100
 58 31.0 24.8 37.2





#17

Carbon Disulfide

Concen: 45.969 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

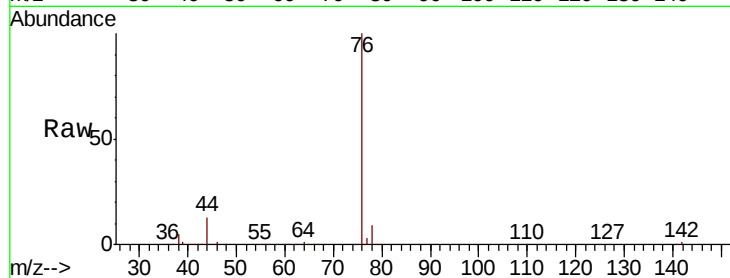
VSTDICCC050

Tot Ion: 76 Resp: 342905

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

200000

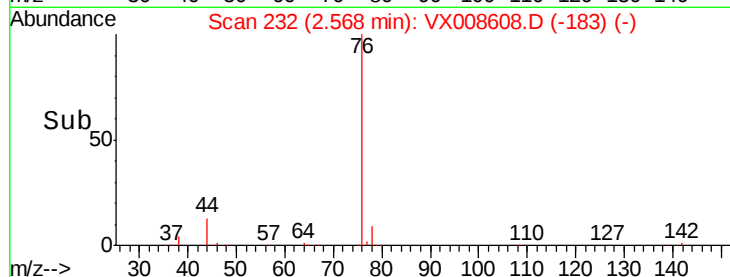
150000

100000

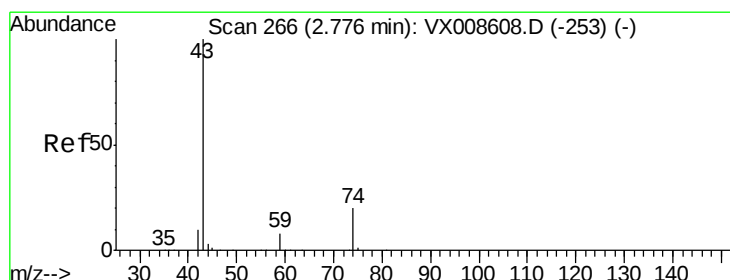
50000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 47.655 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX008608.D

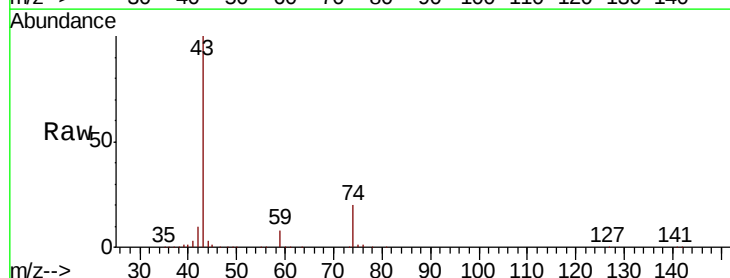
Acq: 03 Apr 2019 10:43

Tgt Ion: 43 Resp: 195050

Ion Ratio Lower Upper

43 100

74 20.6 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

120000

100000

80000

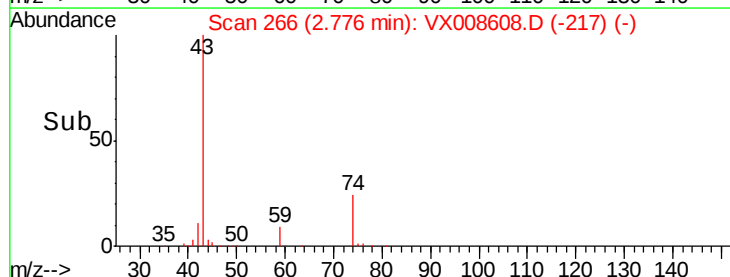
60000

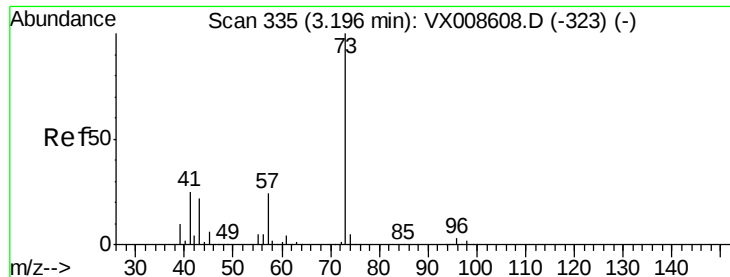
40000

20000

0

Time-->

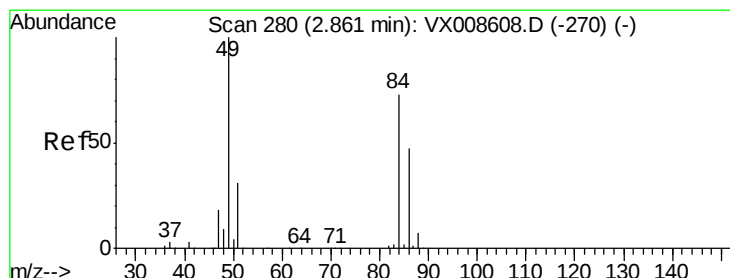
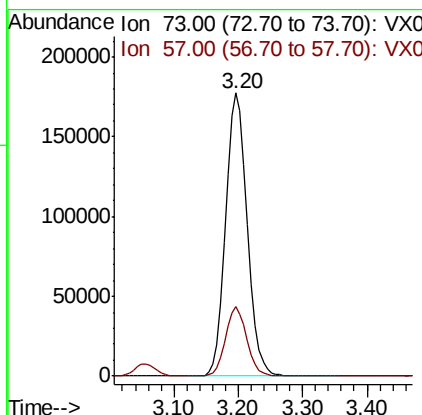
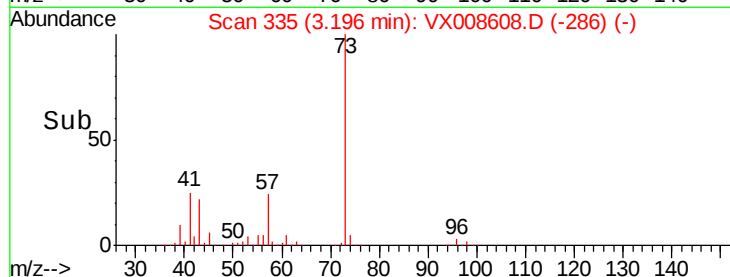
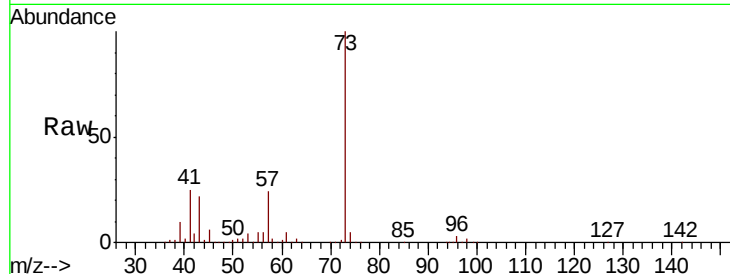




#19
Methyl tert-butyl Ether
Concen: 50.550 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX008608.D
Acq: 03 Apr 2019 10:43

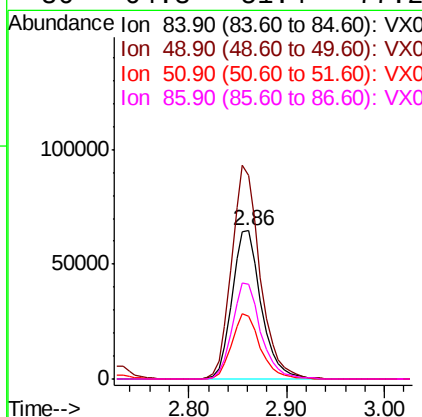
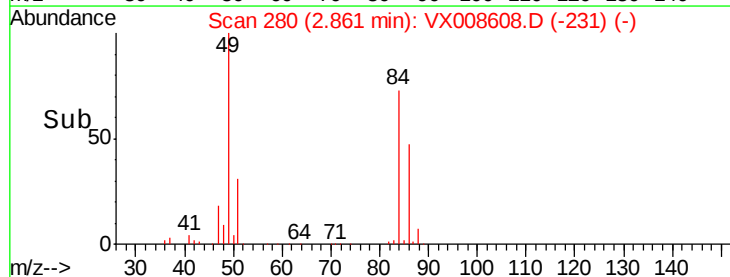
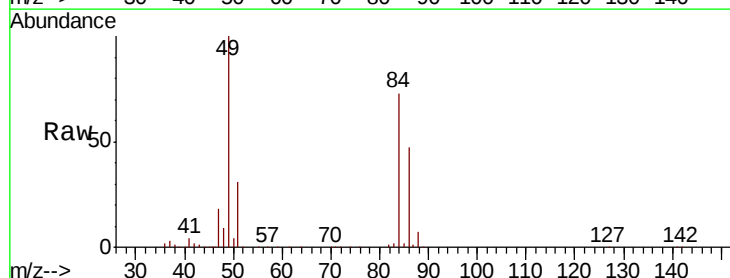
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

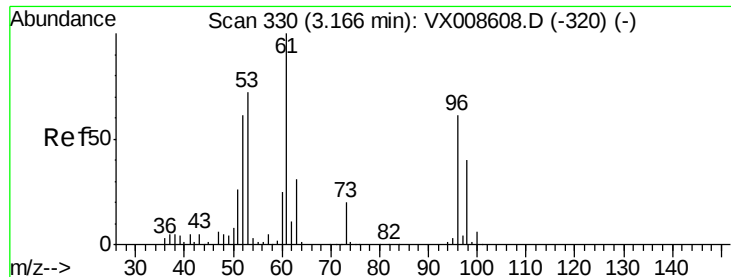
Tot Ion: 73 Resp: 419261
Ion Ratio Lower Upper
73 100
57 24.4 19.5 29.3



#20
Methylene Chloride
Concen: 47.332 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX008608.D
Acq: 03 Apr 2019 10:43

Tgt Ion: 84 Resp: 133707
Ion Ratio Lower Upper
84 100
49 137.1 109.7 164.5
51 42.0 33.6 50.4
86 64.3 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 47.686 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

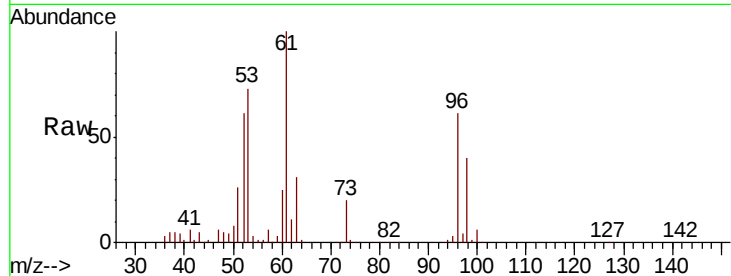
Tot Ion: 96 Resp: 119791

Ion Ratio Lower Upper

96 100

61 165.1 132.1 198.1

98 65.2 52.2 78.2

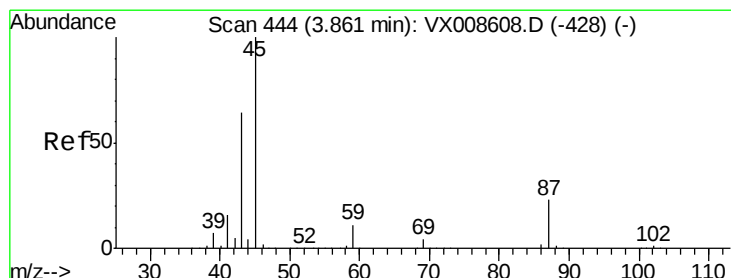
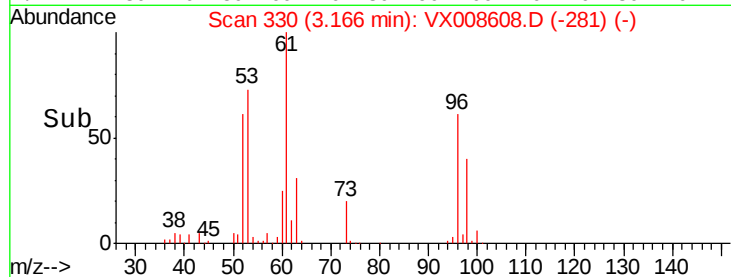
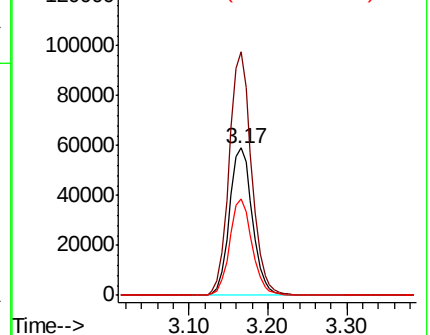


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 49.618 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Tgt Ion: 45 Resp: 508456

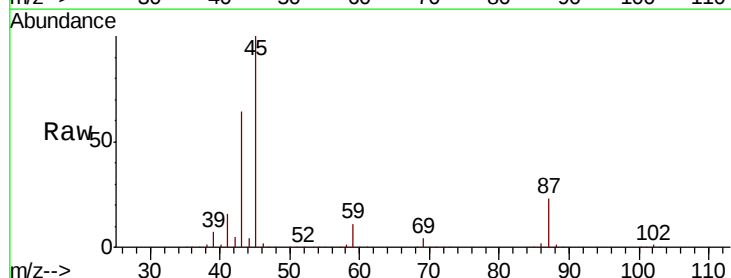
Ion Ratio Lower Upper

45 100

43 64.1 51.3 76.9

87 22.6 18.1 27.1

59 10.8 8.6 13.0



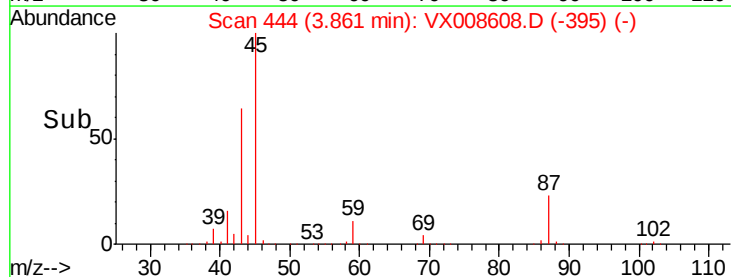
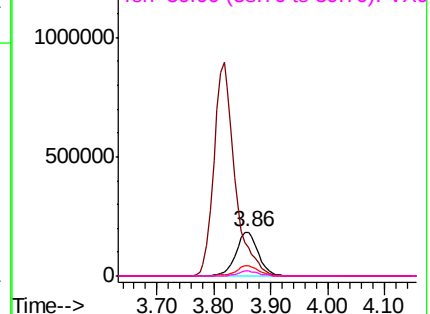
Abundance

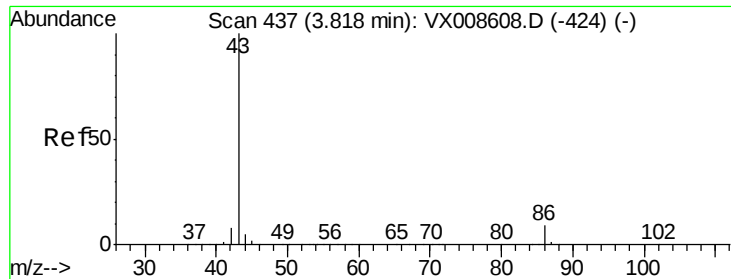
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 256.714 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

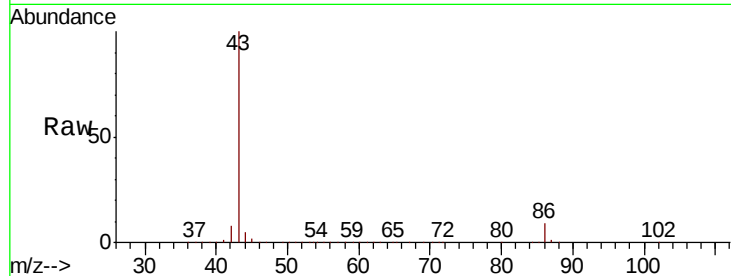
VSTDICCC050

Tot Ion: 43 Resp: 2288482

Ion Ratio Lower Upper

43 100

86 8.8 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

800000

600000

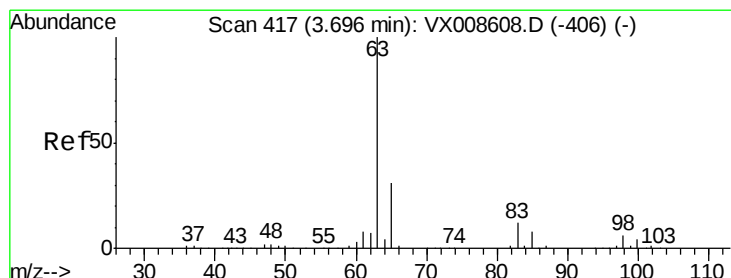
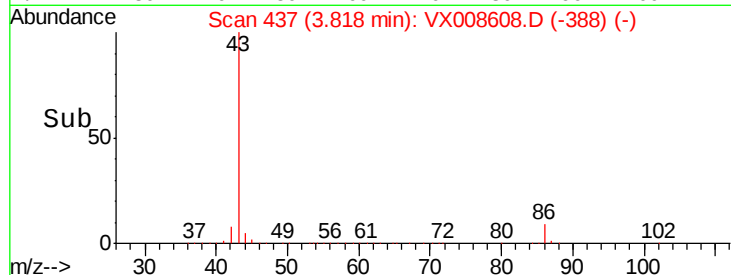
400000

200000

0

Time-->

3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 49.698 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

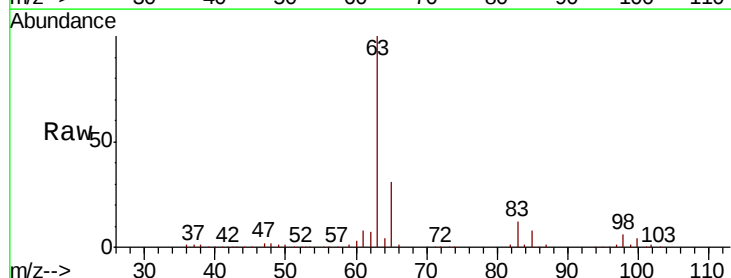
Tgt Ion: 63 Resp: 252149

Ion Ratio Lower Upper

63 100

98 5.6 2.8 8.4

100 3.7 1.8 5.5



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

3.70

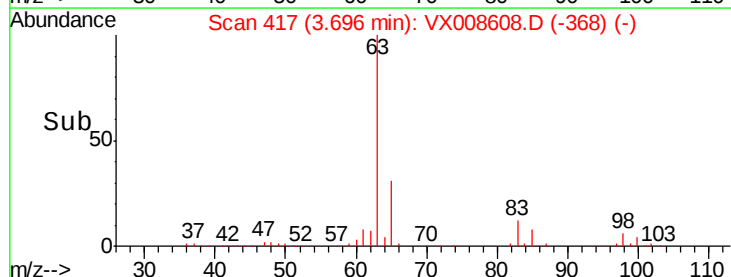
100000

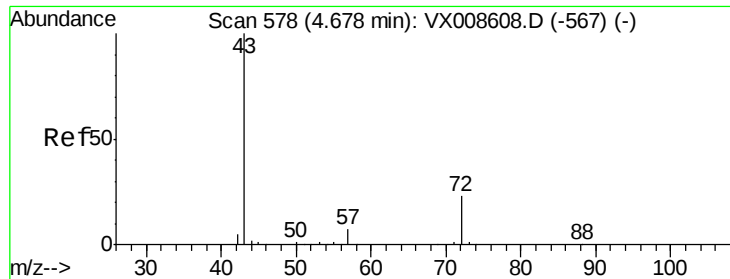
50000

0

Time-->

3.60 3.70 3.80





#25

2-Butanone

Concen: 258.610 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

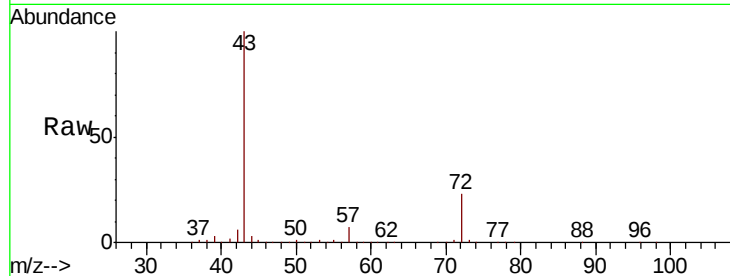
VSTDICCC050

Tot Ion: 43 Resp: 689803

Ion Ratio Lower Upper

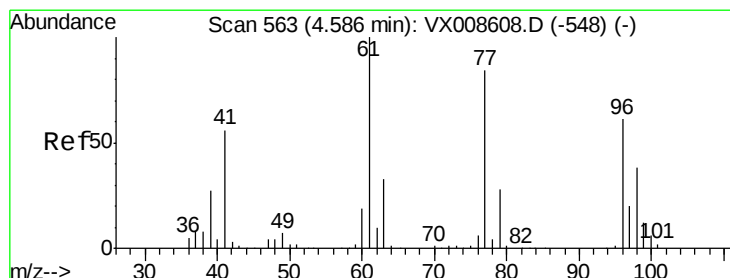
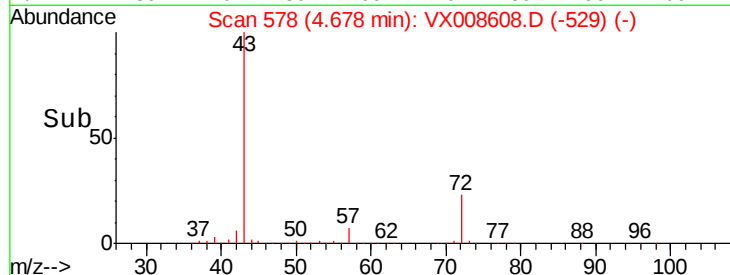
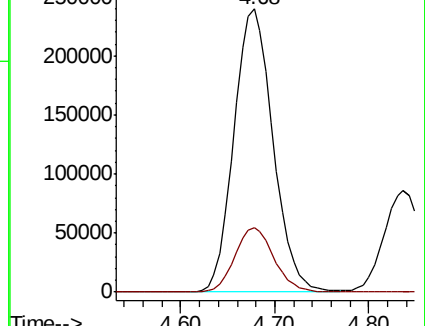
43 100

72 22.8 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 50.631 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX008608.D

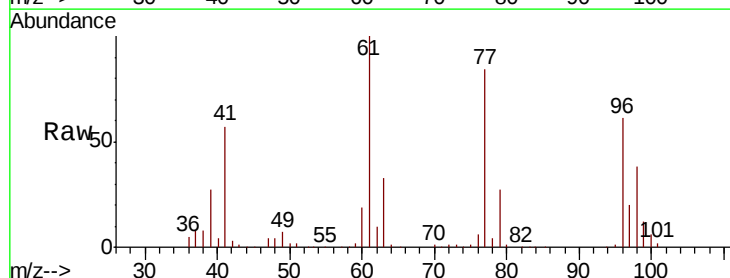
Acq: 03 Apr 2019 10:43

Tgt Ion: 77 Resp: 180926

Ion Ratio Lower Upper

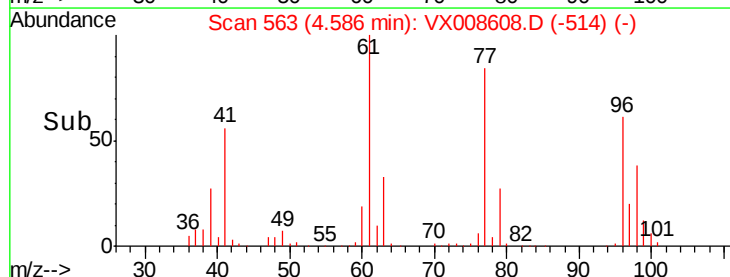
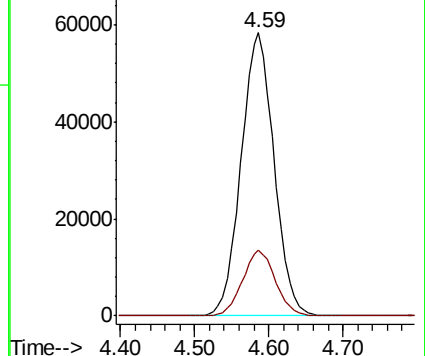
77 100

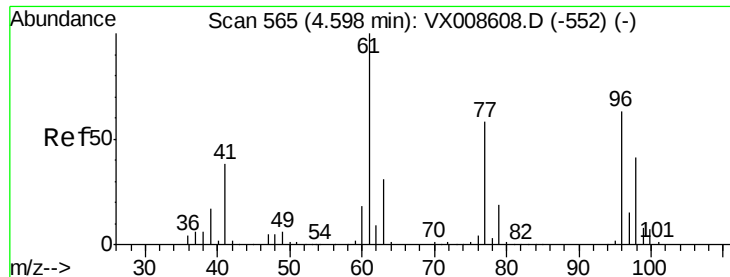
97 23.0 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



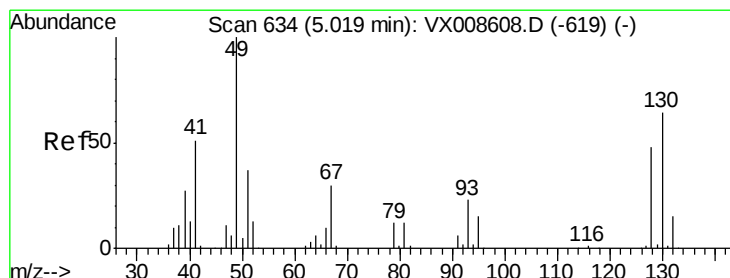
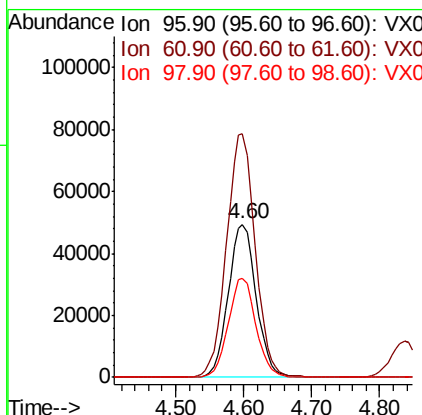
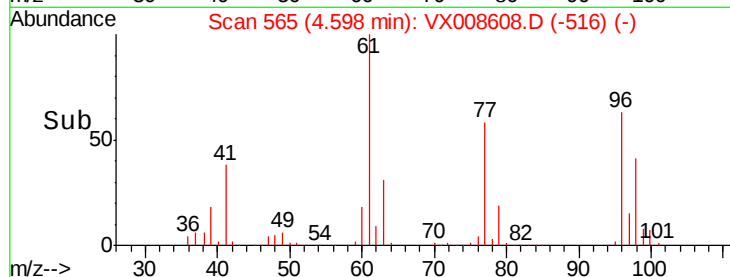
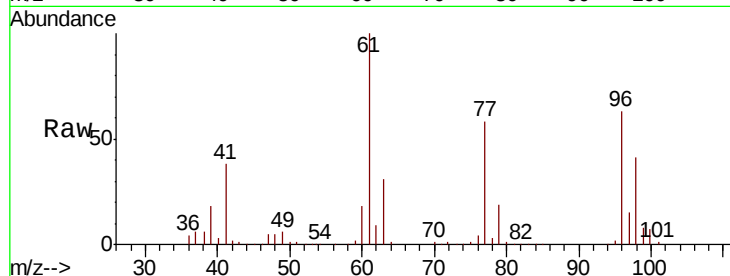


#27

cis-1,2-Dichloroethene
Concen: 48.512 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX008608.D
Acq: 03 Apr 2019 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

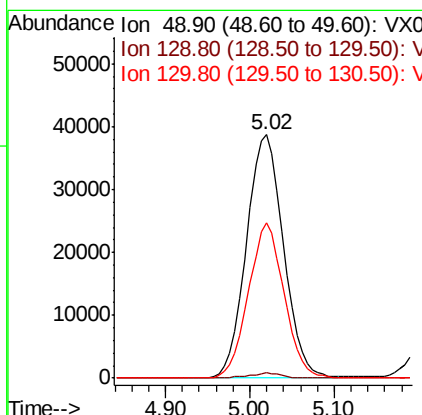
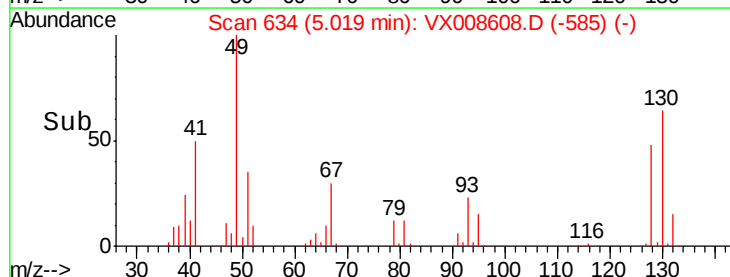
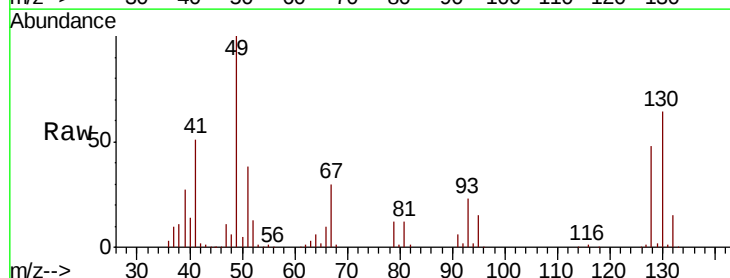
Tot Ion: 96 Resp: 140113
Ion Ratio Lower Upper
96 100
61 163.8 0.0 327.6
98 64.3 0.0 128.6

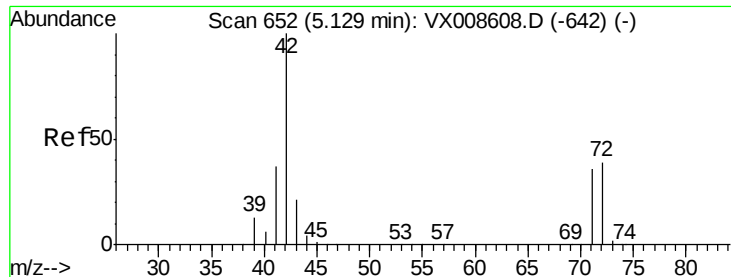


#28

Bromochloromethane
Concen: 48.123 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX008608.D
Acq: 03 Apr 2019 10:43

Tgt Ion: 49 Resp: 115880
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.6
130 61.6 49.3 73.9





#29

Tetrahydrofuran

Concen: 249.034 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

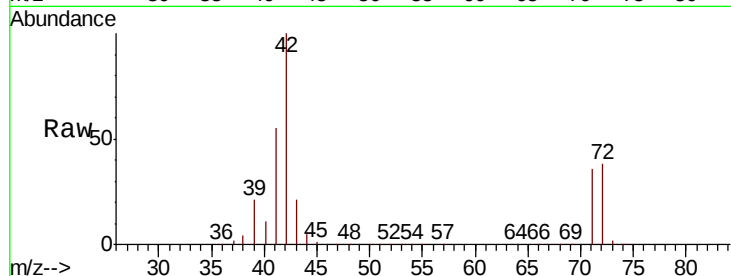
Tot Ion: 42 Resp: 440885

Ion Ratio Lower Upper

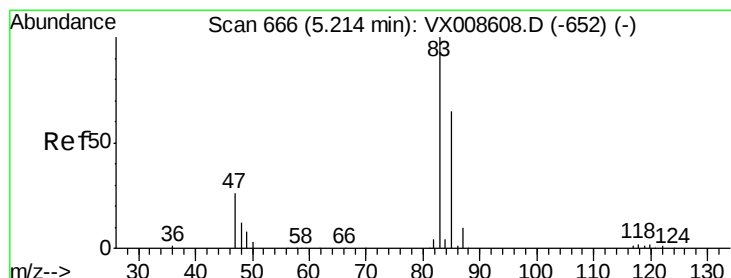
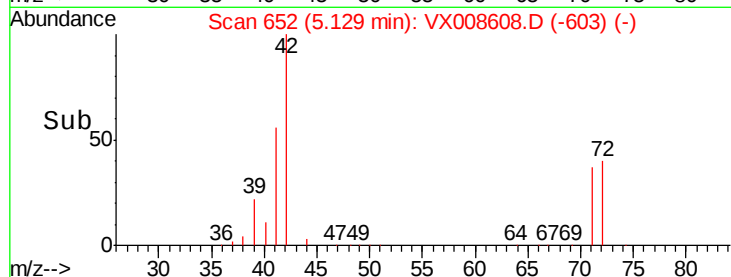
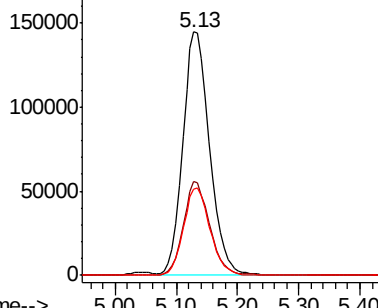
42 100

72 38.1 30.5 45.7

71 35.8 28.6 43.0



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 49.654 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX008608.D

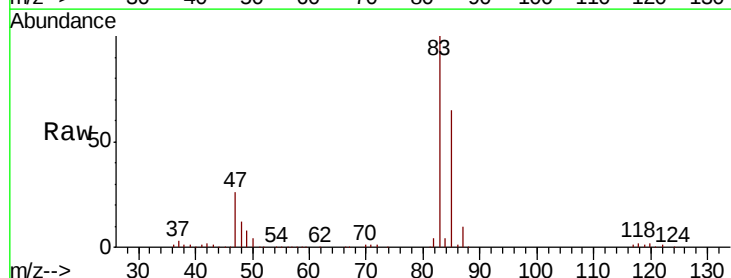
Acq: 03 Apr 2019 10:43

Tgt Ion: 83 Resp: 225011

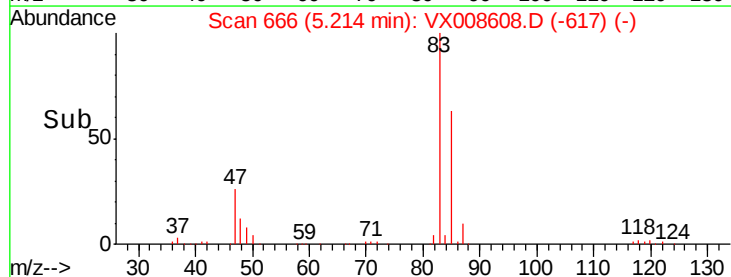
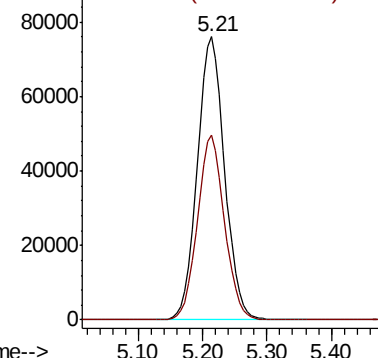
Ion Ratio Lower Upper

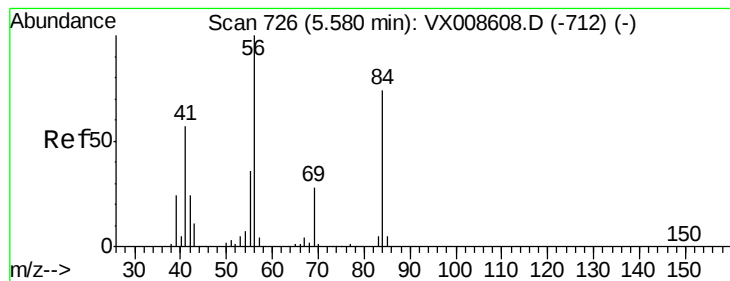
83 100

85 65.1 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 48.286 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

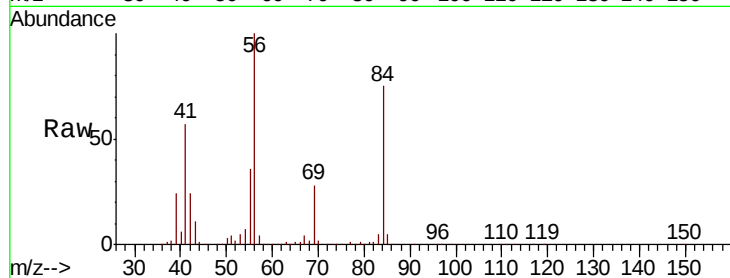
Tot Ion: 56 Resp: 244451

Ion Ratio Lower Upper

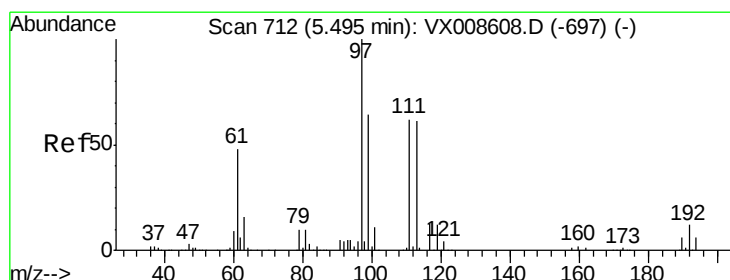
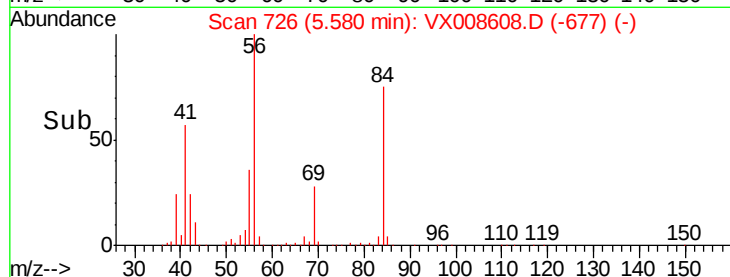
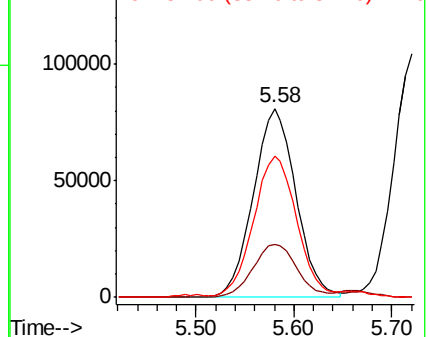
56 100

69 28.2 22.6 33.8

84 74.1 59.3 88.9



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



#32

1,1,1-Trichloroethane

Concen: 50.778 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

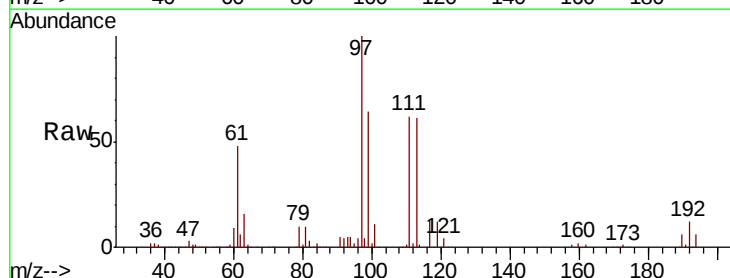
Tgt Ion: 97 Resp: 185945

Ion Ratio Lower Upper

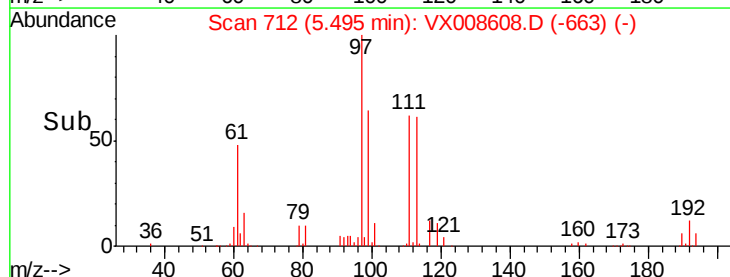
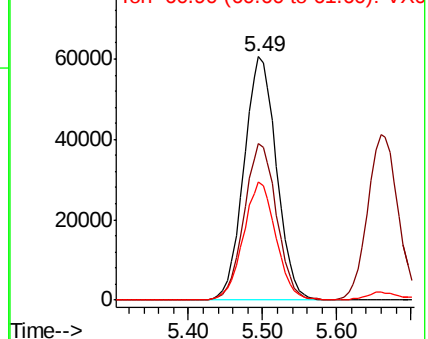
97 100

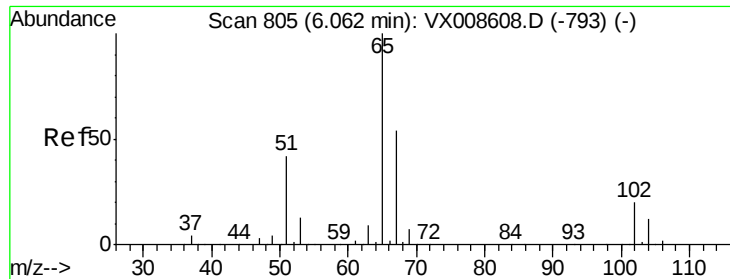
99 64.1 51.3 76.9

61 48.6 38.9 58.3



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





#33

1,2-Dichloroethane-d4

Concen: 50.284 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

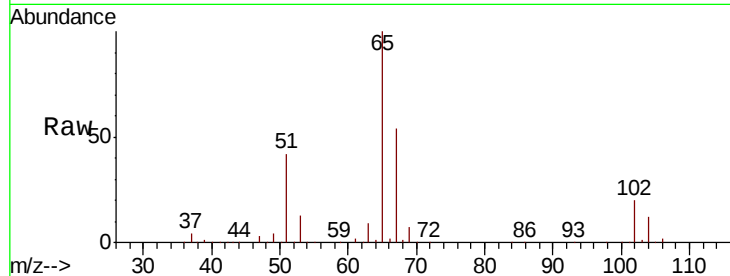
VSTDICCC050

Tot Ion: 65 Resp: 147336

Ion Ratio Lower Upper

65 100

67 53.6 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

60000

50000

40000

30000

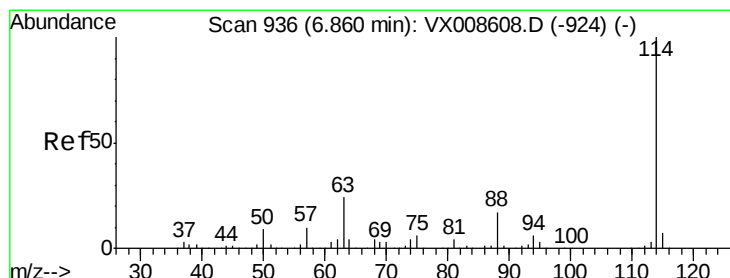
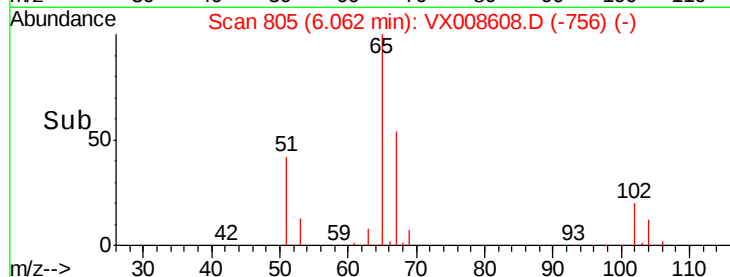
20000

10000

0

Time-->

6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

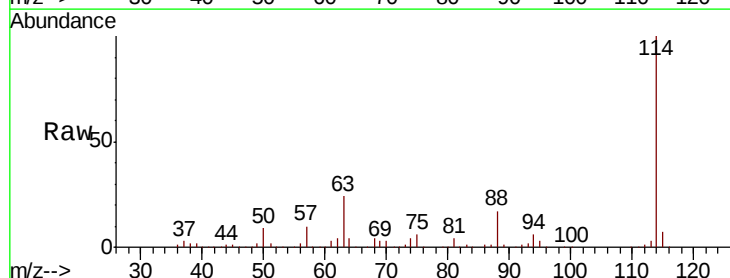
Tgt Ion: 114 Resp: 335581

Ion Ratio Lower Upper

114 100

63 23.6 0.0 47.2

88 17.0 0.0 34.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

150000

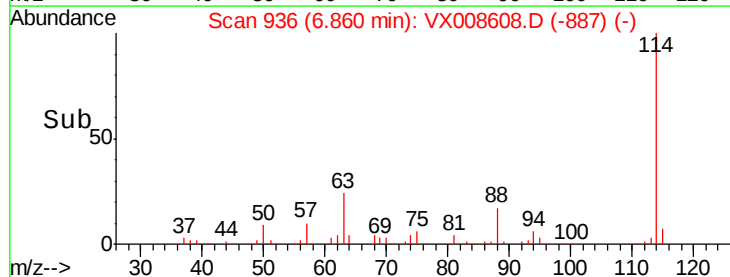
100000

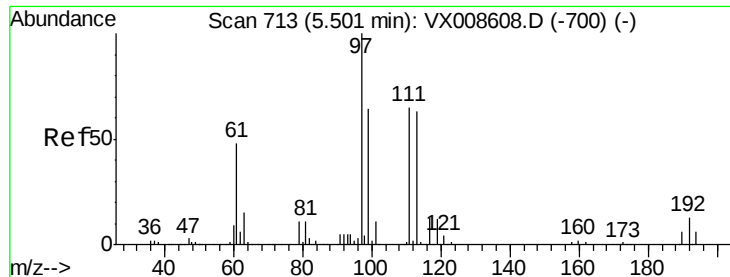
50000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 50.287 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

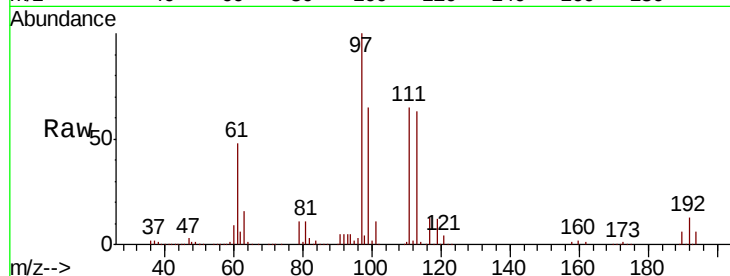
Tot Ion:113 Resp: 107894

Ion Ratio Lower Upper

113 100

111 104.3 83.4 125.2

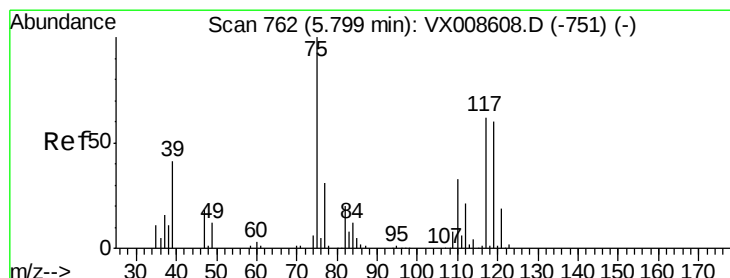
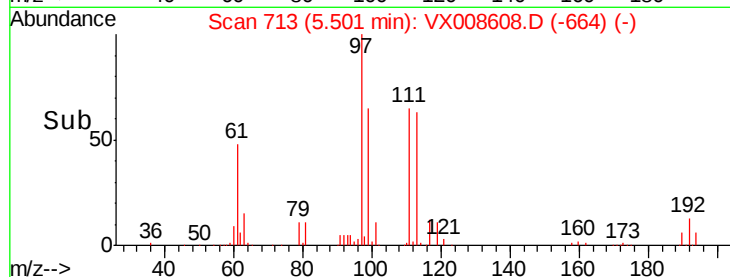
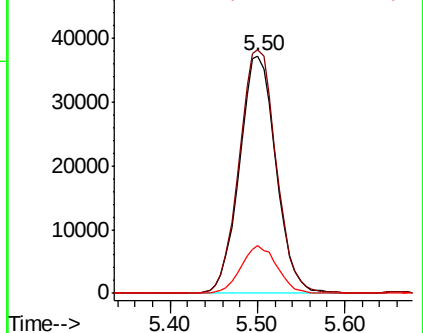
192 20.1 16.1 24.1



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: 48.878 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

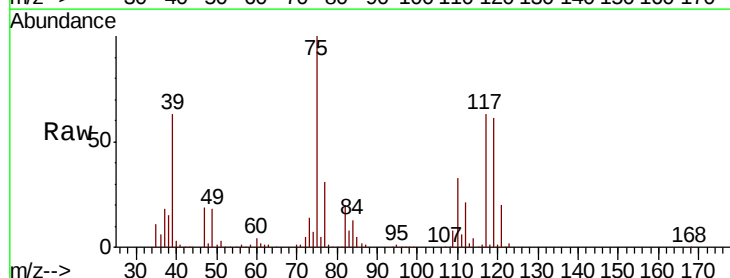
Tgt Ion: 75 Resp: 179297

Ion Ratio Lower Upper

75 100

110 32.8 16.4 49.2

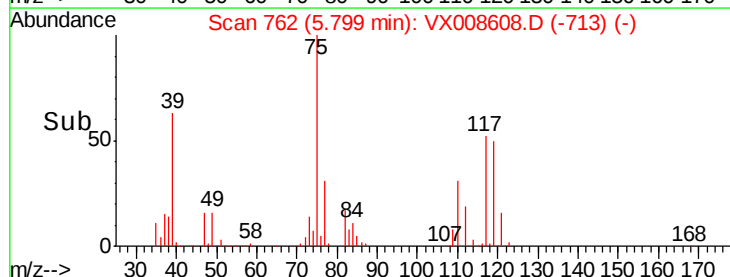
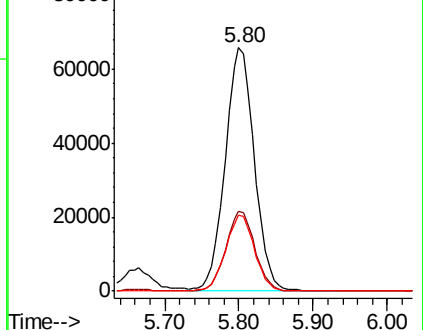
77 30.9 24.7 37.1

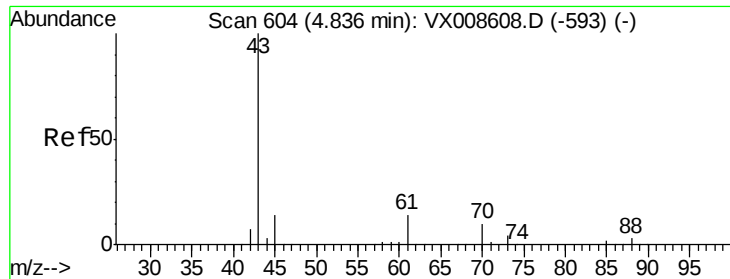


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 51.846 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

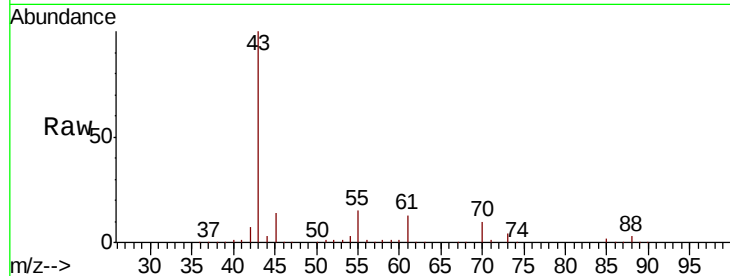
Tot Ion: 43 Resp: 253855

Ion Ratio Lower Upper

43 100

61 12.9 10.3 15.5

70 9.5 7.6 11.4

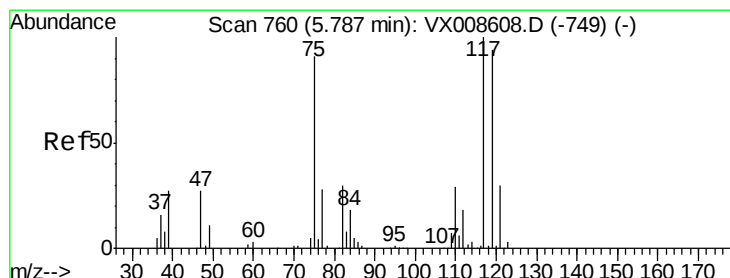
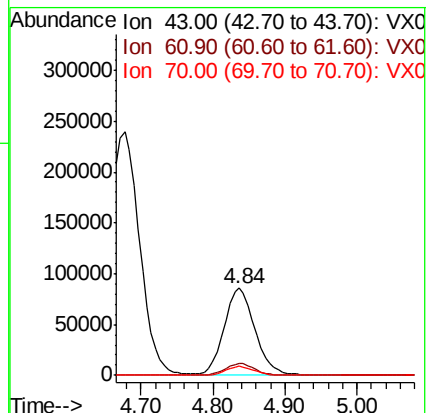
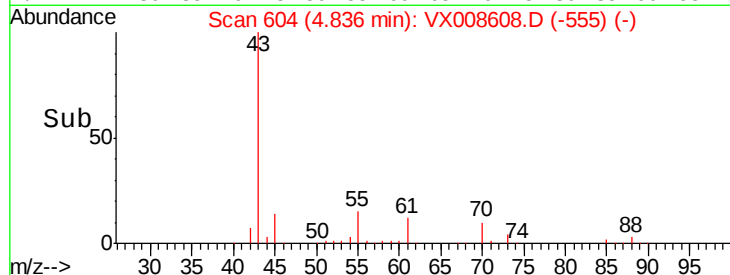


Abundance Ion 43.00 (42.70 to 43.70): VX008608.D (-593) (-)

Ion 60.90 (60.60 to 61.60): VX008608.D (-593) (-)

Ion 70.00 (69.70 to 70.70): VX008608.D (-593) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 51.310 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

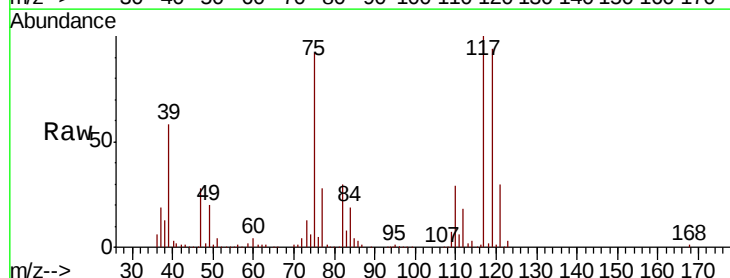
Tgt Ion: 117 Resp: 155779

Ion Ratio Lower Upper

117 100

119 93.8 75.0 112.6

121 30.4 24.3 36.5

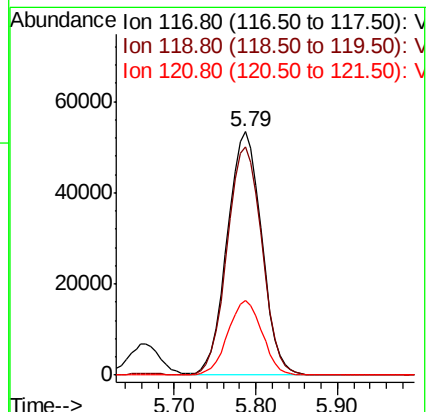
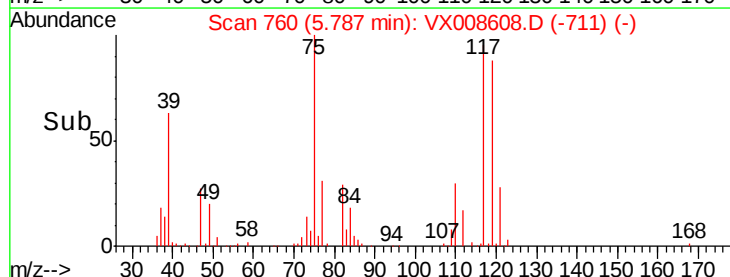


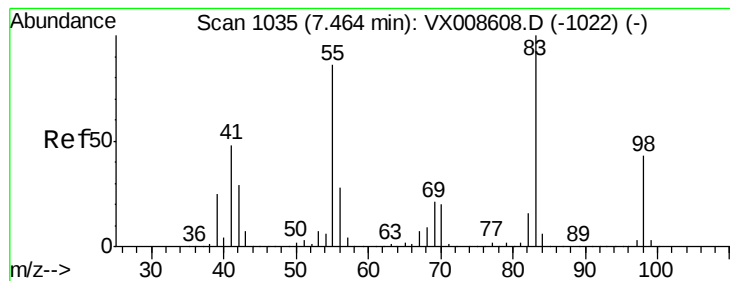
Abundance Ion 116.80 (116.50 to 117.50): VX008608.D (-749) (-)

Ion 118.80 (118.50 to 119.50): VX008608.D (-749) (-)

Ion 120.80 (120.50 to 121.50): VX008608.D (-749) (-)

Time-->





#39

Methvlcvclohexane

Concen: 49.295 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

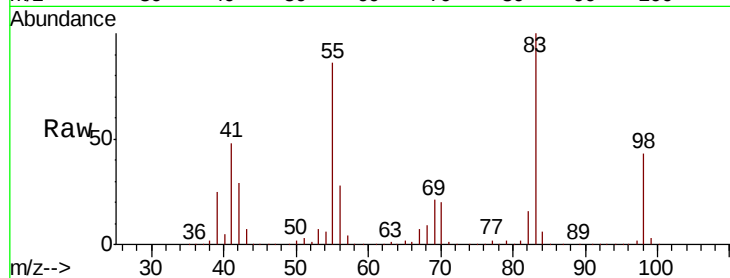
Tot Ion: 83 Resp: 223379

Ion Ratio Lower Upper

83 100

55 86.3 69.0 103.6

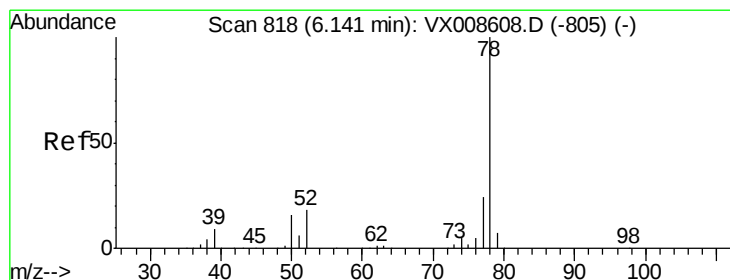
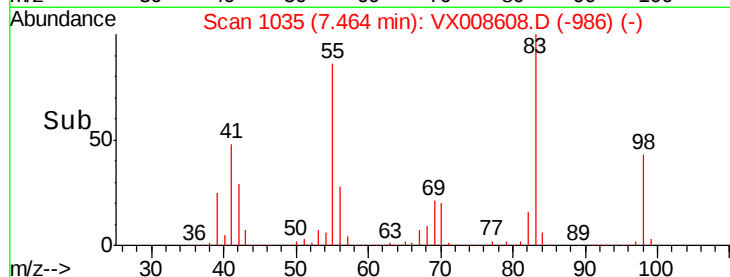
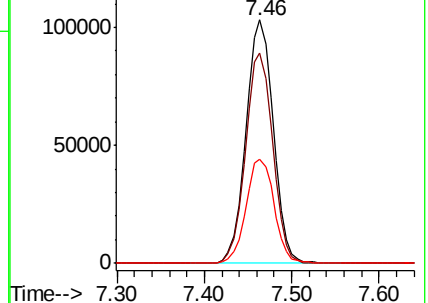
98 43.0 34.4 51.6



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 49.737 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX008608.D

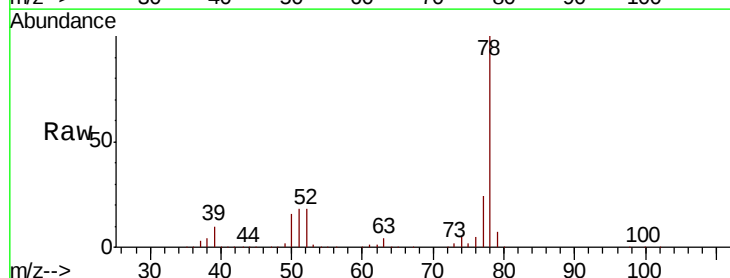
Acq: 03 Apr 2019 10:43

Tgt Ion: 78 Resp: 543534

Ion Ratio Lower Upper

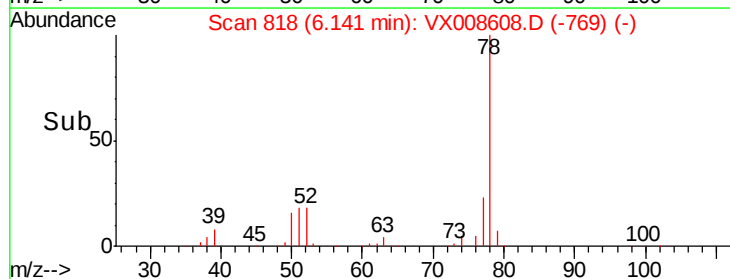
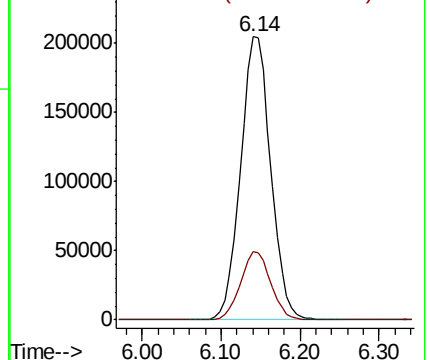
78 100

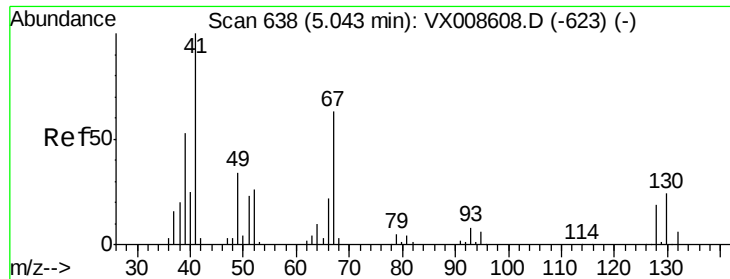
77 23.9 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

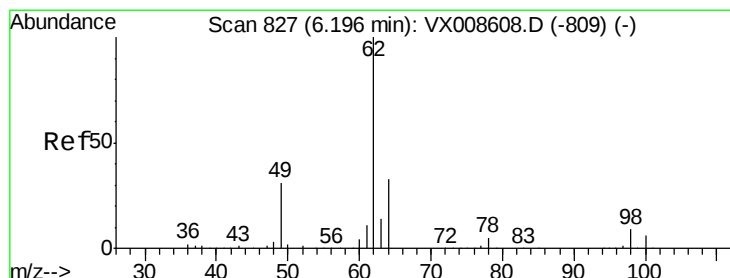
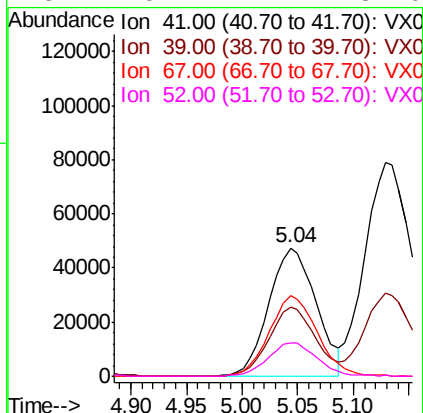
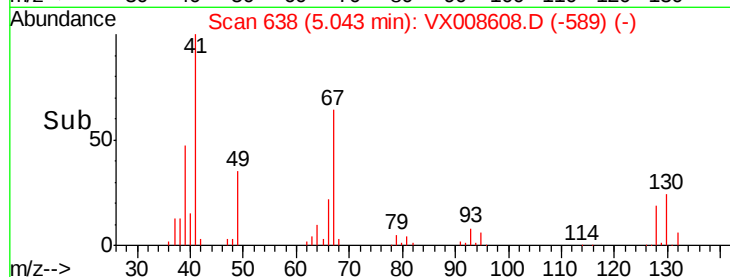
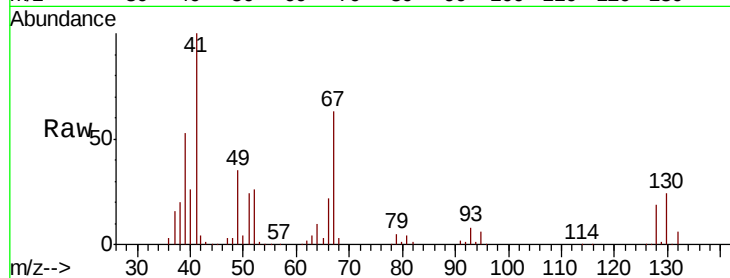




#41
Methacrylonitrile
Concen: 49.857 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX008608.D
Acq: 03 Apr 2019 10:43

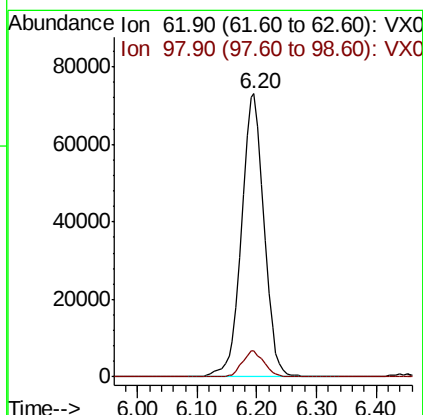
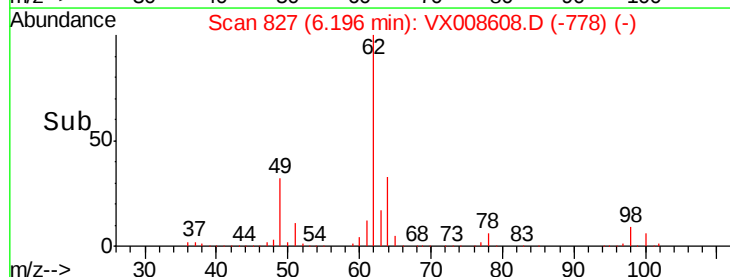
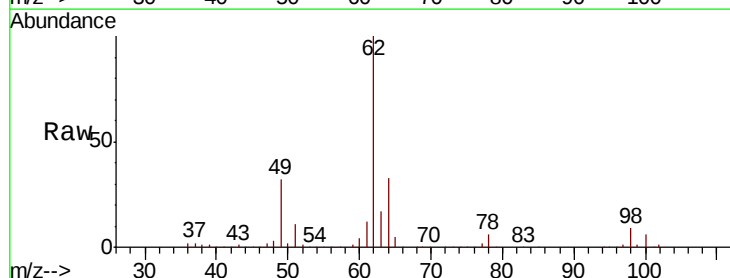
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

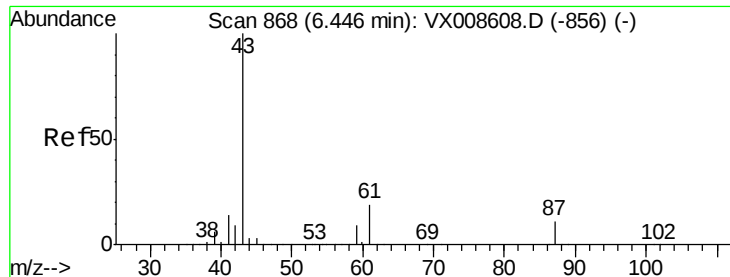
Tot Ion:	41	Resp:	140319
Ion	Ratio	Lower	Upper
41	100		
39	52.6	42.1	63.1
67	63.8	51.0	76.6
52	26.7	21.4	32.0



#42
1,2-Dichloroethane
Concen: 48.896 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX008608.D
Acq: 03 Apr 2019 10:43

Tgt Ion:	62	Resp:	191561
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.0





#43

Isopropyl Acetate

Concen: 51.456 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

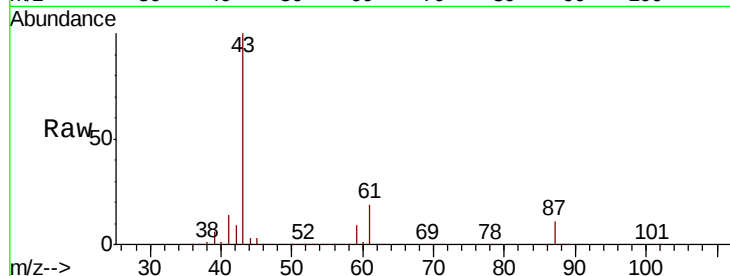
Tot Ion: 43 Resp: 394677

Ion Ratio Lower Upper

43 100

61 19.1 15.3 22.9

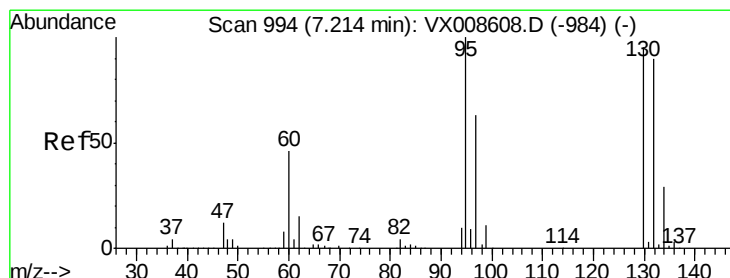
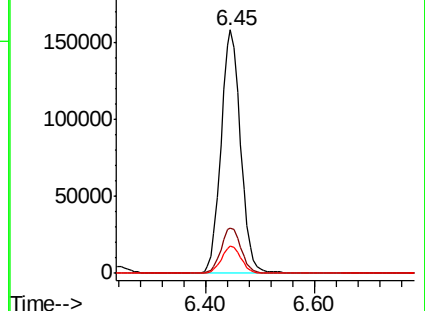
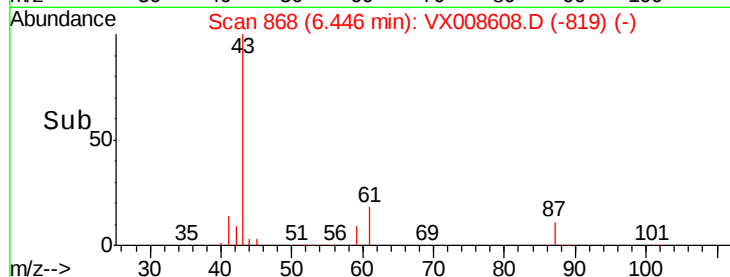
87 11.3 9.0 13.6



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: 49.620 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008608.D

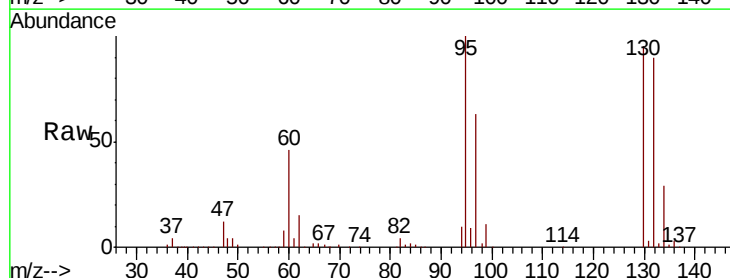
Acq: 03 Apr 2019 10:43

Tgt Ion:130 Resp: 126295

Ion Ratio Lower Upper

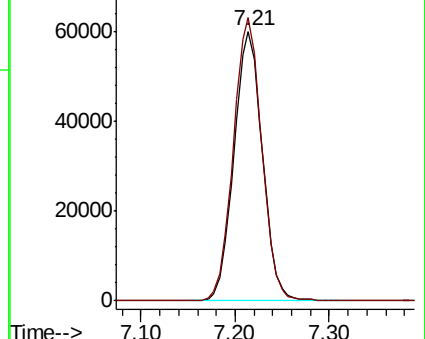
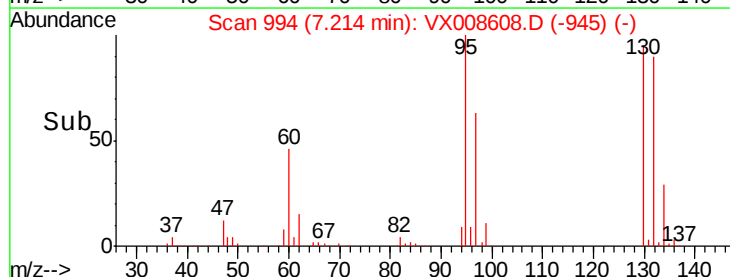
130 100

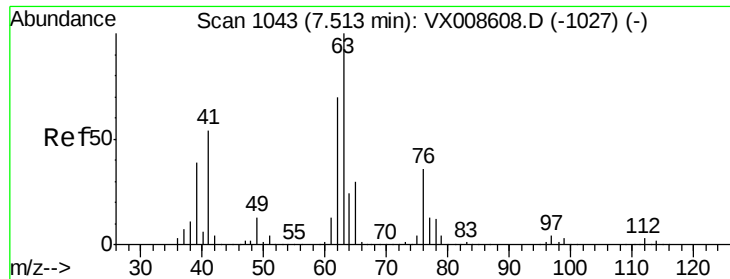
95 104.9 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 50.085 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

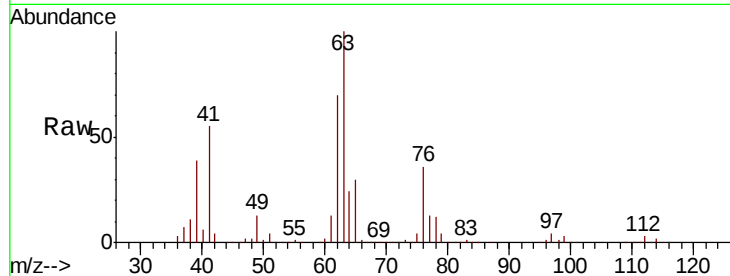
VSTDICCC050

Tot Ion: 63 Resp: 156223

Ion Ratio Lower Upper

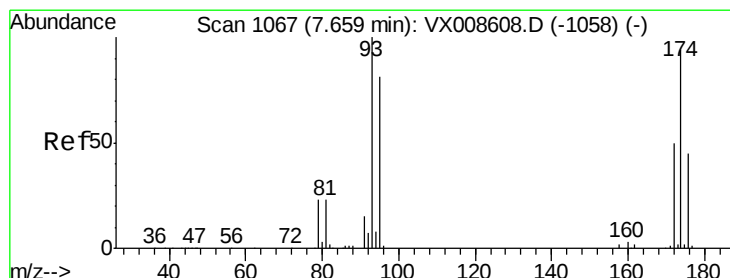
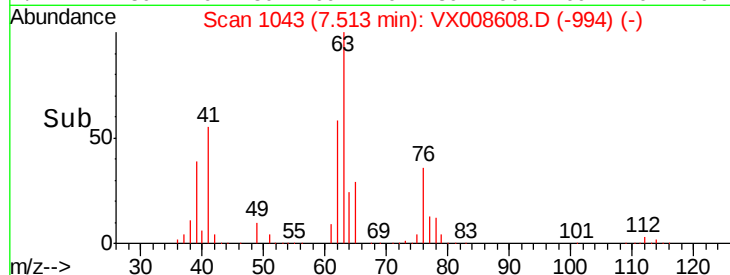
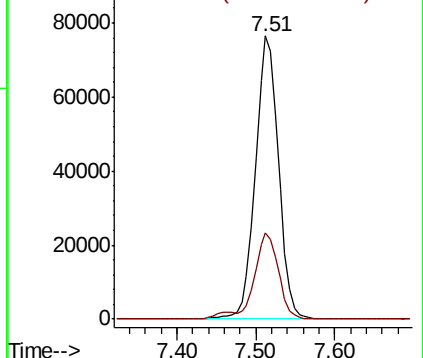
63 100

65 30.3 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 48.469 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

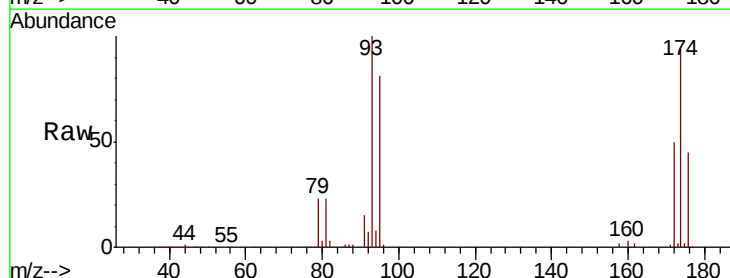
Tgt Ion: 93 Resp: 87683

Ion Ratio Lower Upper

93 100

95 83.2 66.6 99.8

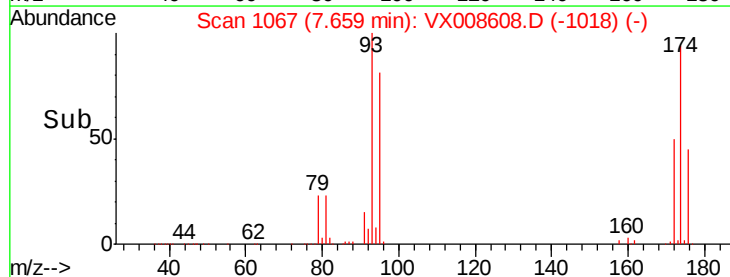
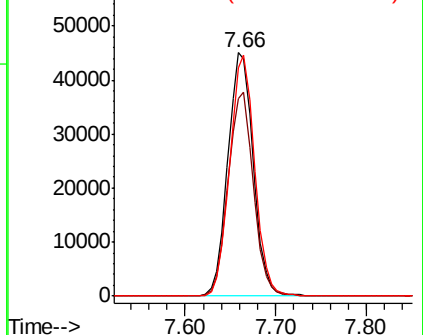
174 97.1 77.7 116.5

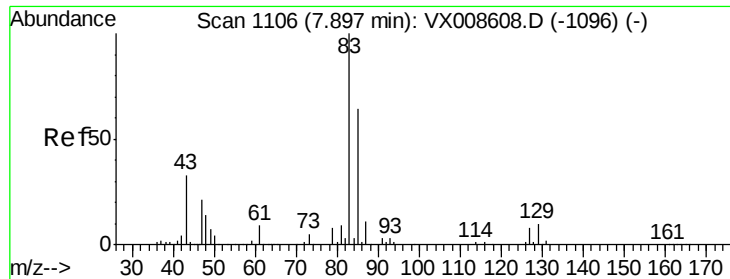


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.339 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

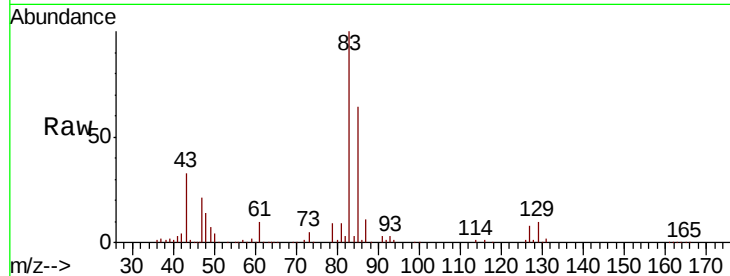
Tot Ion: 83 Resp: 175114

Ion Ratio Lower Upper

83 100

85 64.0 51.2 76.8

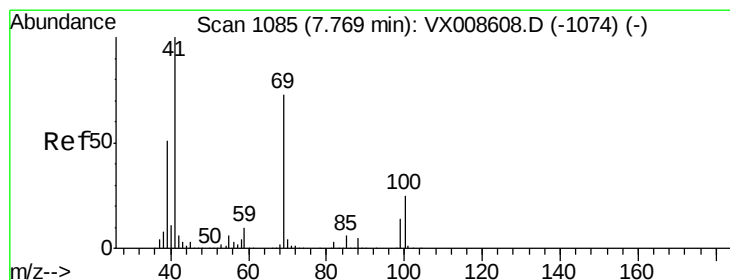
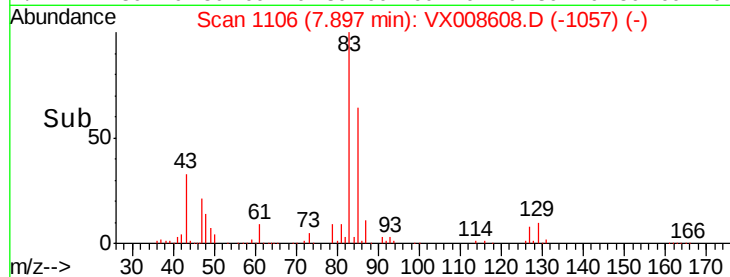
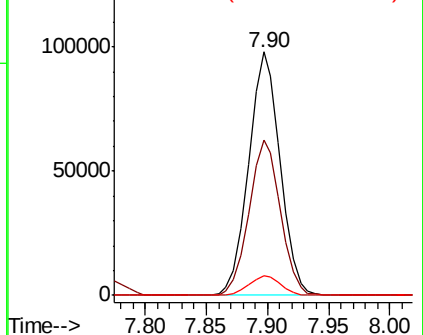
127 8.3 6.6 10.0



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: 51.554 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

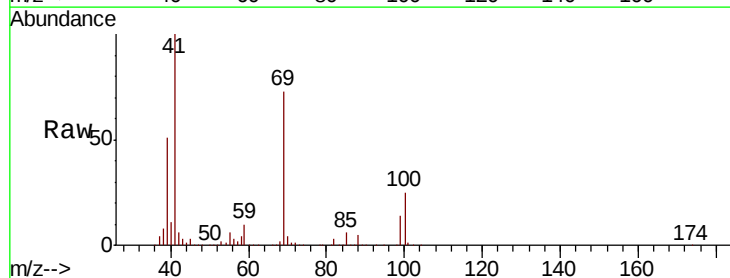
Tgt Ion: 41 Resp: 200026

Ion Ratio Lower Upper

41 100

69 73.7 59.0 88.4

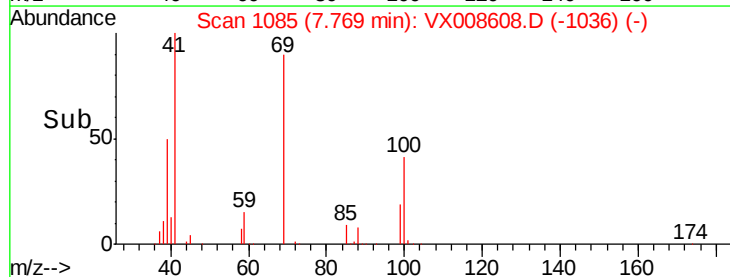
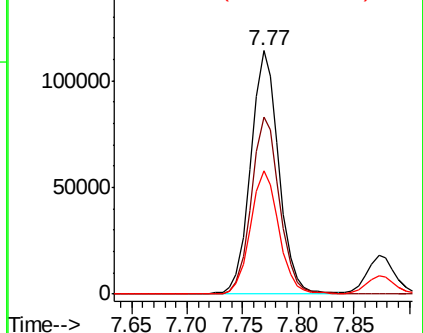
39 51.2 41.0 61.4

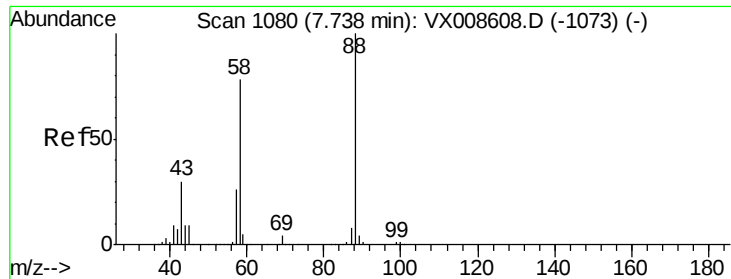


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

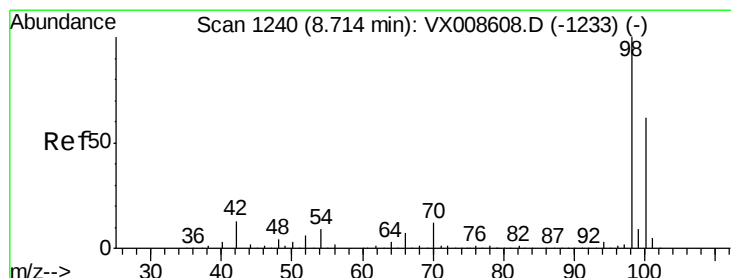
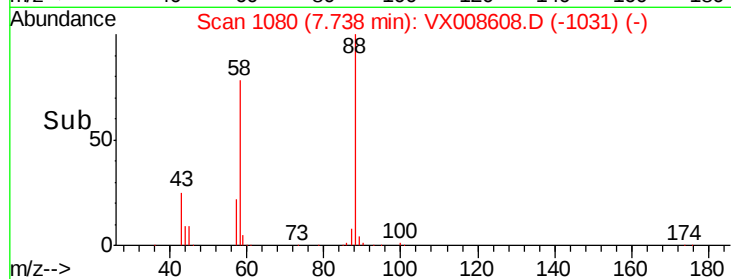
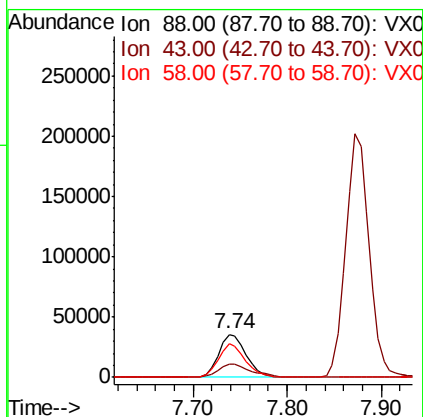
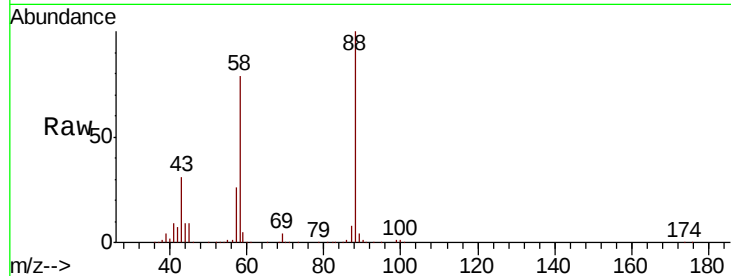




#49
 1,4-Dioxane
 Concen: 992.667 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: VX008608.D
 Acq: 03 Apr 2019 10:43

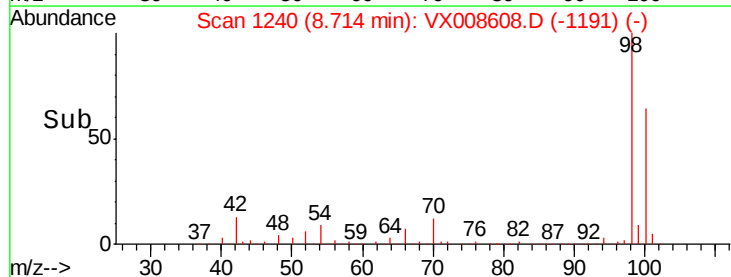
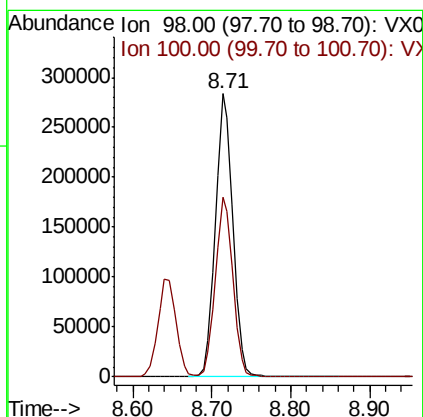
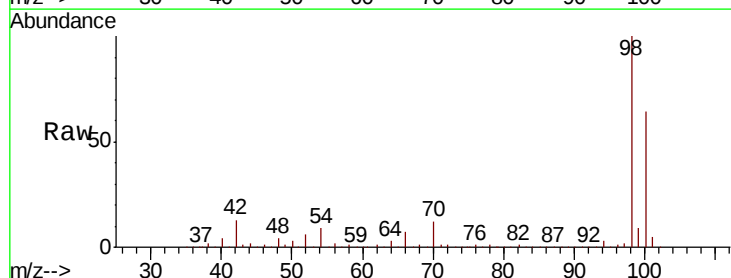
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

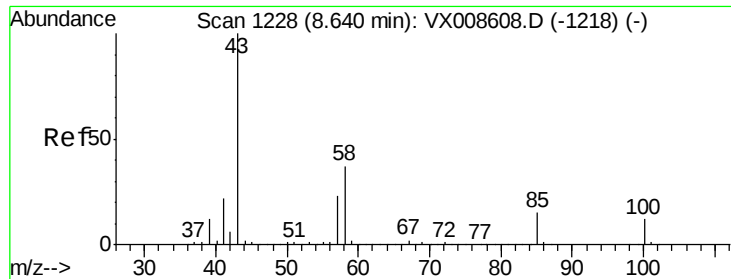
Tot Ion: 88 Resp: 72149
 Ion Ratio Lower Upper
 88 100
 43 35.8 28.6 43.0
 58 77.7 62.2 93.2



#50
 Toluene-d8
 Concen: 51.154 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX008608.D
 Acq: 03 Apr 2019 10:43

Tgt Ion: 98 Resp: 437017
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 258.187 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

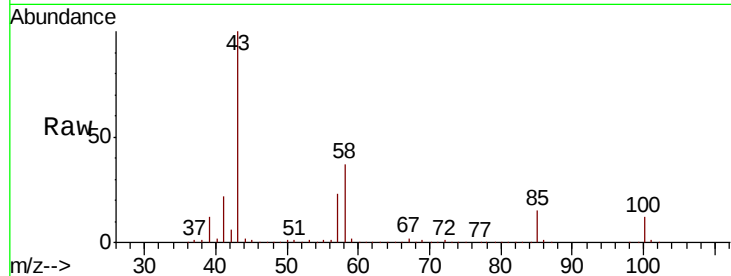
VSTDICCC050

Tot Ion: 43 Resp: 1274808

Ion Ratio Lower Upper

43 100

58 36.9 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

800000

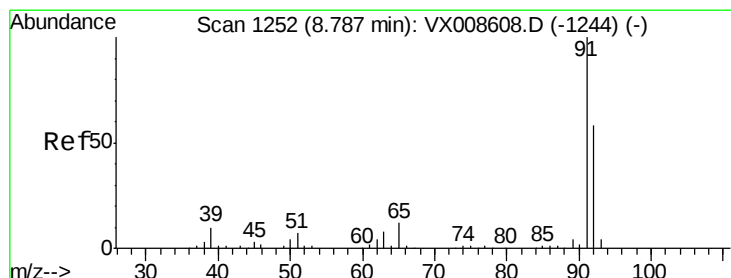
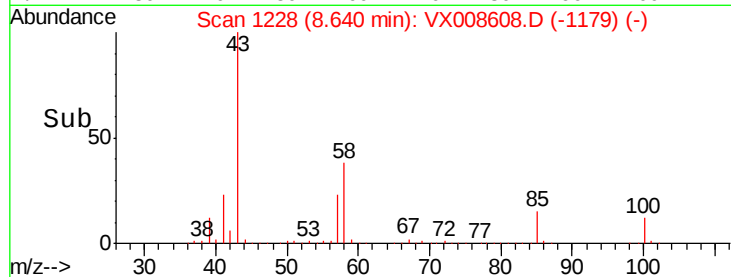
600000

400000

200000

0

Time--> 8.50 8.60 8.70 8.80



#52

Toluene

Concen: 50.489 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX008608.D

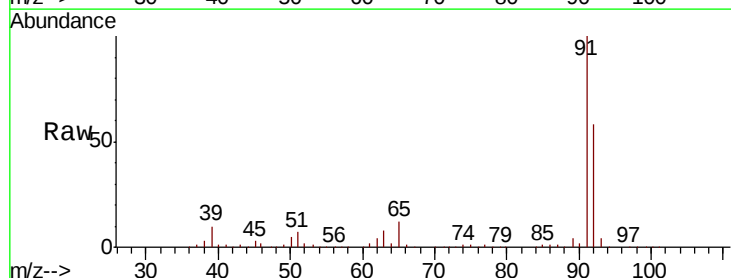
Acq: 03 Apr 2019 10:43

Tgt Ion: 92 Resp: 325288

Ion Ratio Lower Upper

92 100

91 173.1 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

400000

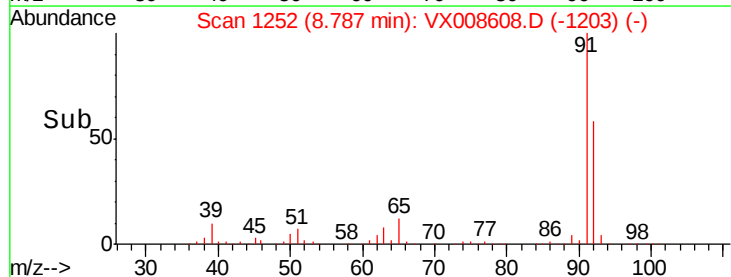
300000

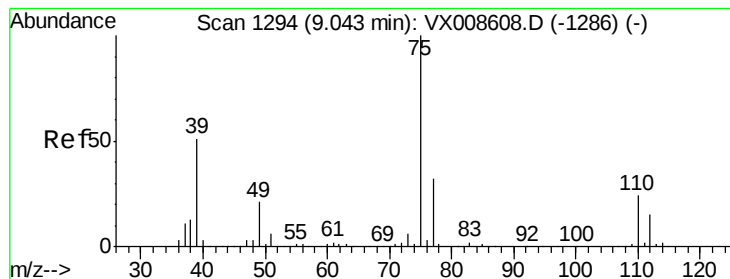
200000

100000

0

Time--> 8.70 8.80 8.90 9.00





#53

t-1,3-Dichloropropene

Concen: 53.379 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

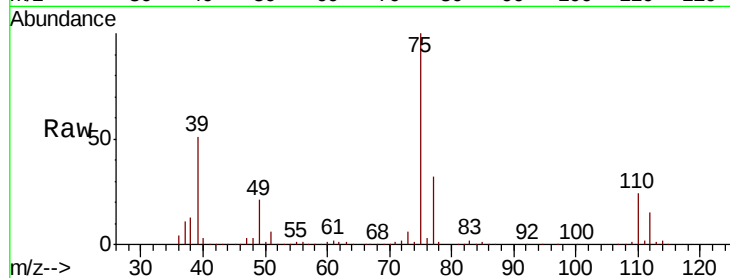
VSTDICCC050

Tot Ion: 75 Resp: 203954

Ion Ratio Lower Upper

75 100

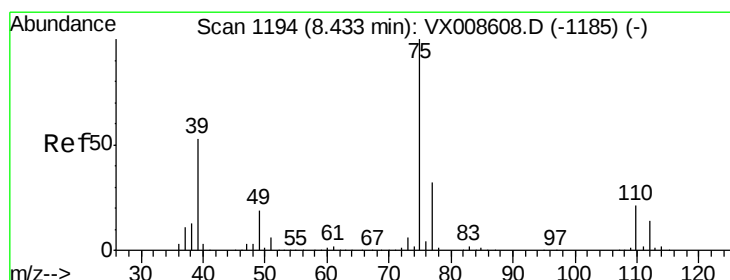
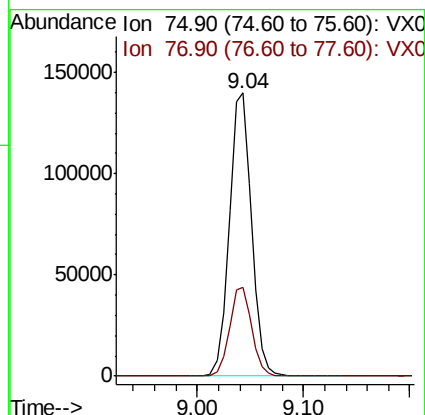
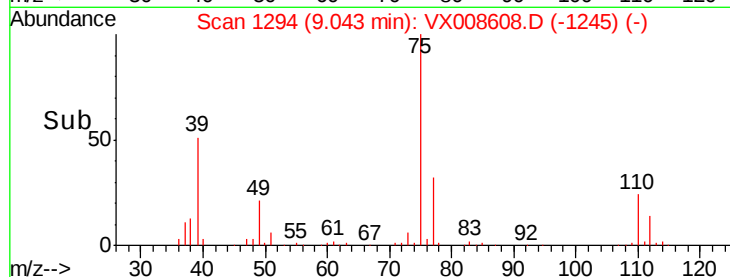
77 31.5 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04



#54

cis-1,3-Dichloropropene

Concen: 51.930 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

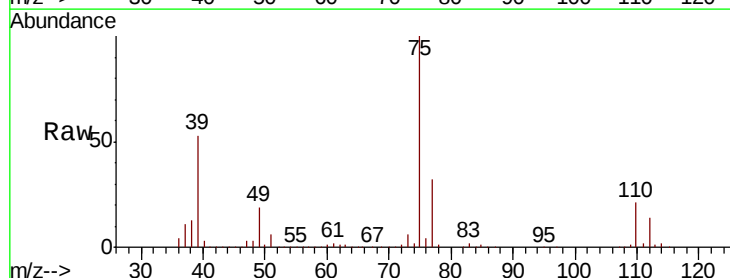
Tgt Ion: 75 Resp: 226719

Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9

39 53.2 42.6 63.8

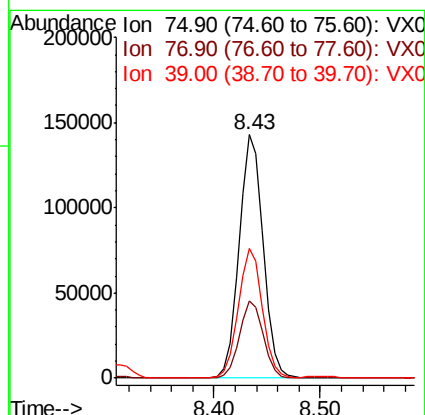
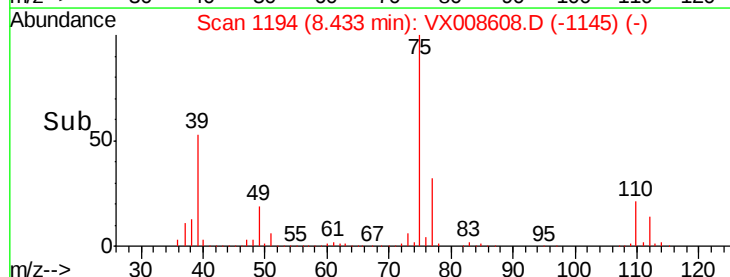


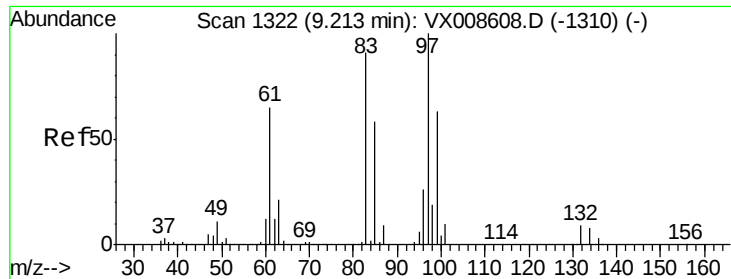
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

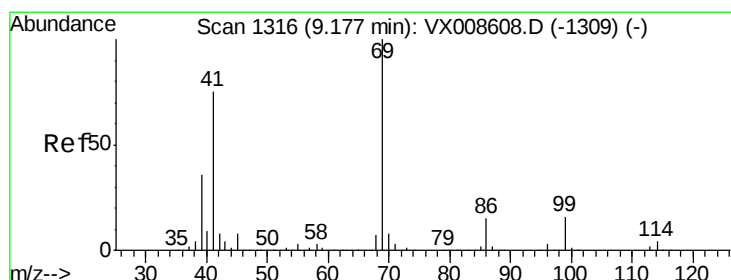
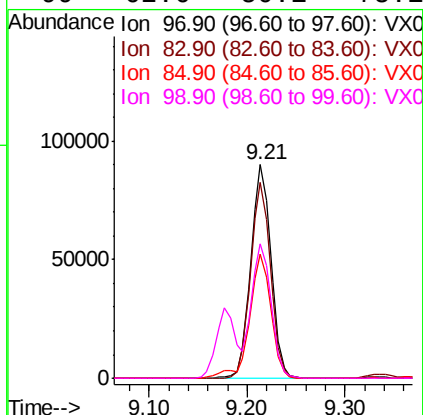
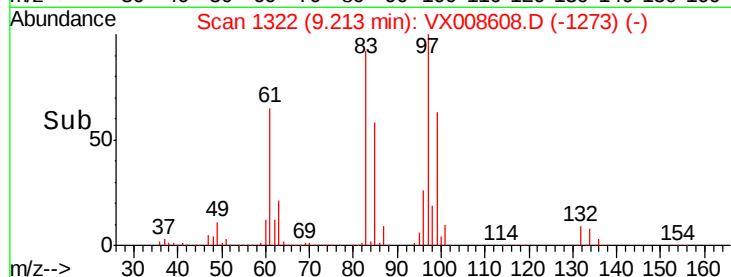
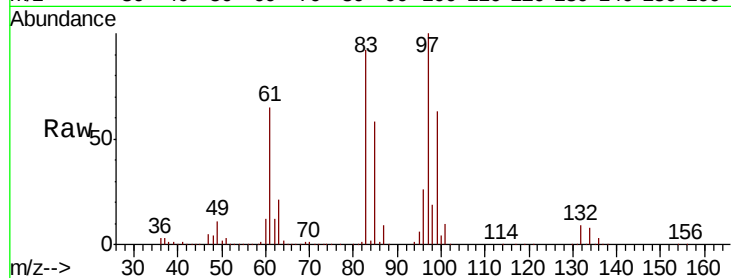




#55
 1,1,2-Trichloroethane
 Concen: 50.199 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008608.D
 Acq: 03 Apr 2019 10:43

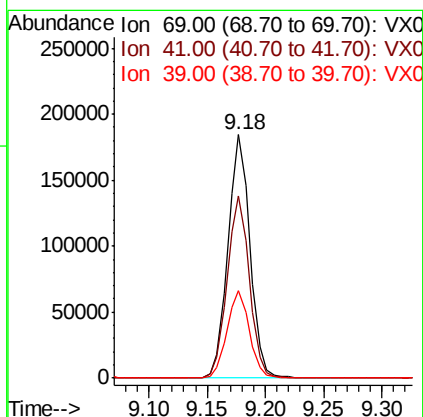
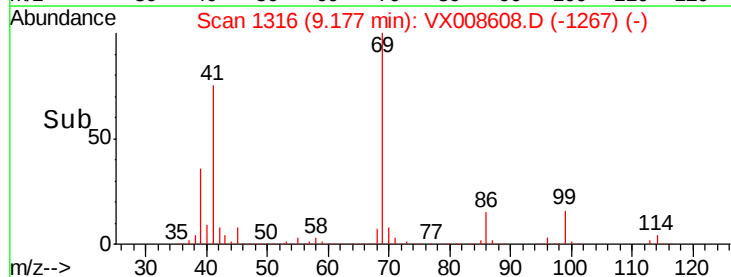
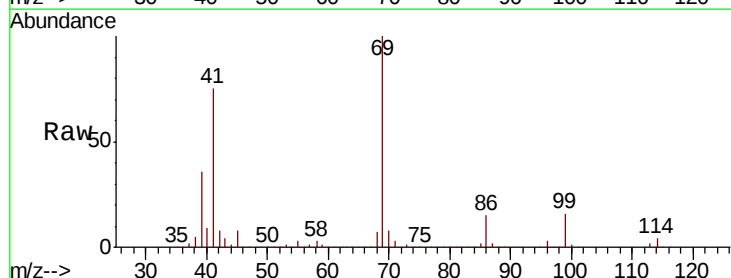
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

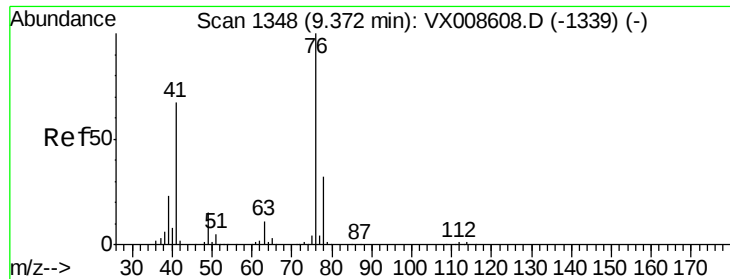
Tot Ion: 97 Resp: 129821
 Ion Ratio Lower Upper
 97 100
 83 91.5 73.2 109.8
 85 58.2 46.6 69.8
 99 62.6 50.1 75.1



#56
 Ethyl methacrylate
 Concen: 52.042 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008608.D
 Acq: 03 Apr 2019 10:43

Tgt Ion: 69 Resp: 243512
 Ion Ratio Lower Upper
 69 100
 41 75.1 60.1 90.1
 39 36.1 28.9 43.3





#57

1,3-Dichloropropane

Concen: 50.436 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

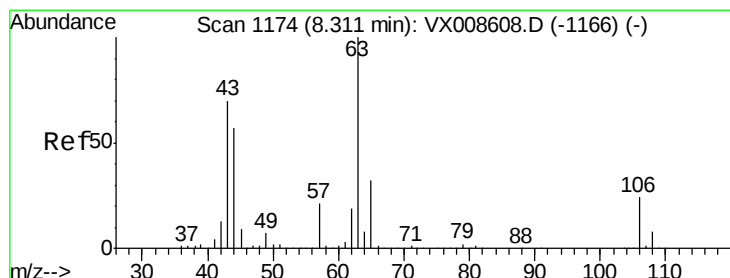
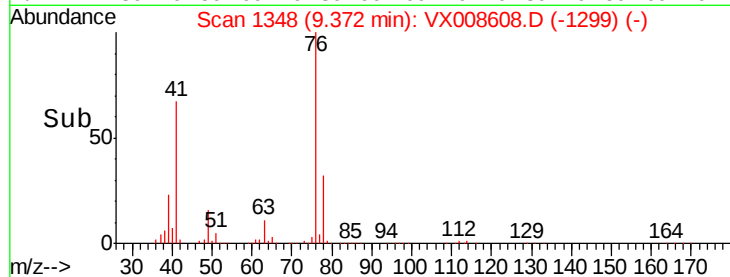
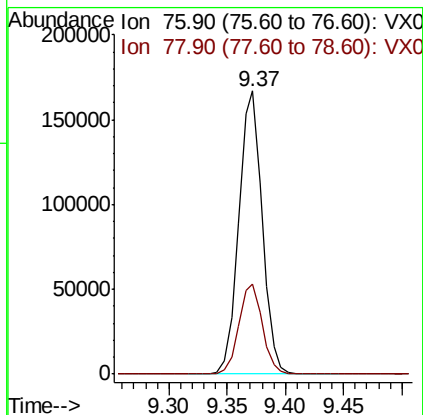
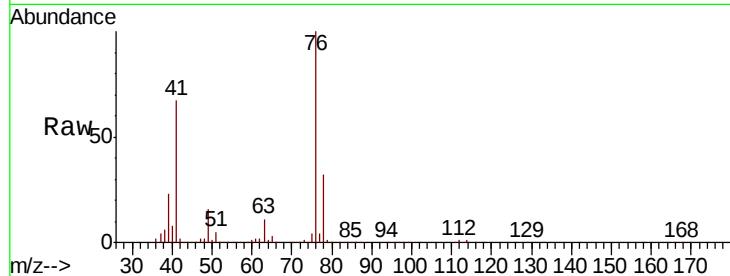
VSTDICCC050

Tot Ion: 76 Resp: 234217

Ion Ratio Lower Upper

76 100

78 32.0 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 258.082 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX008608.D

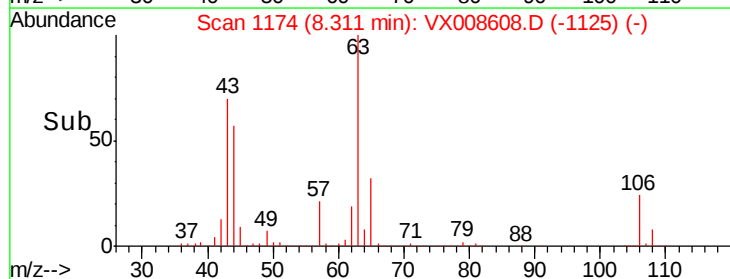
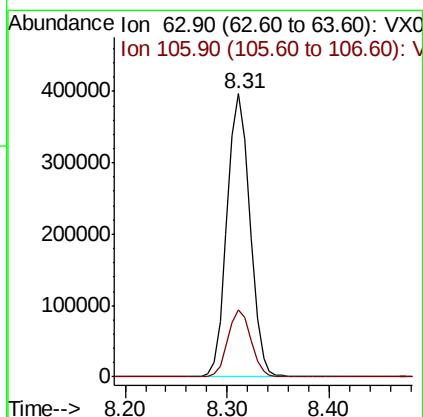
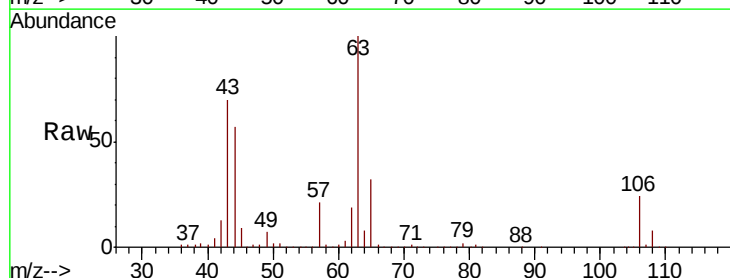
Acq: 03 Apr 2019 10:43

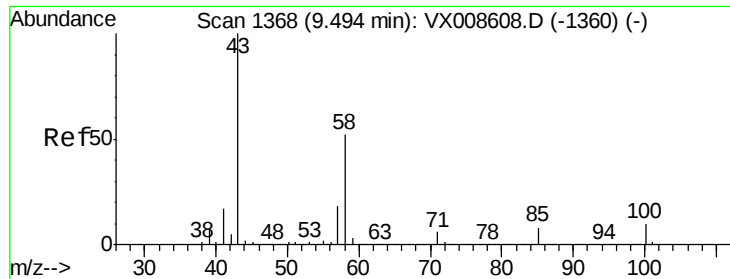
Tgt Ion: 63 Resp: 616627

Ion Ratio Lower Upper

63 100

106 23.8 19.0 28.6

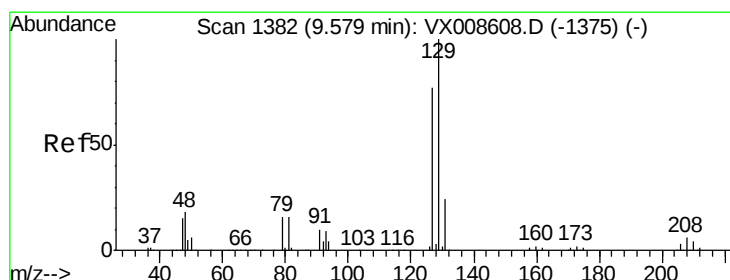
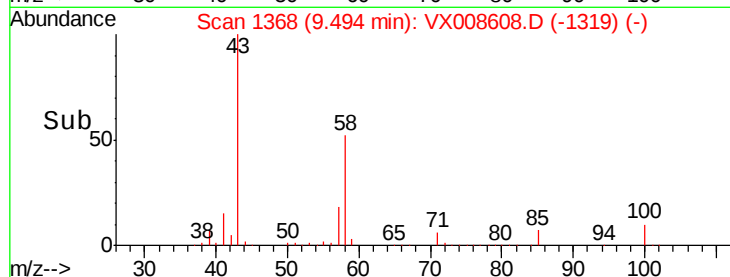
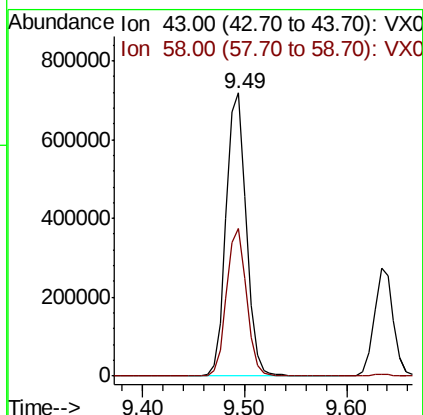
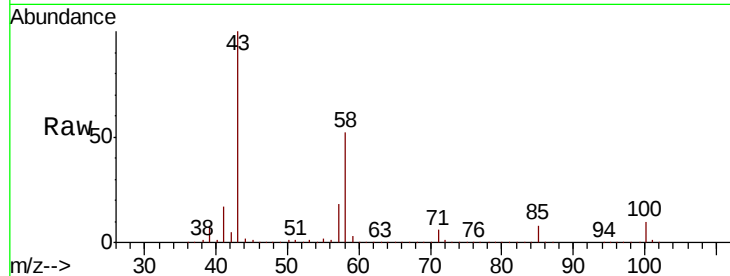




#59
2-Hexanone
Concen: 255.522 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX008608.D
Acq: 03 Apr 2019 10:43

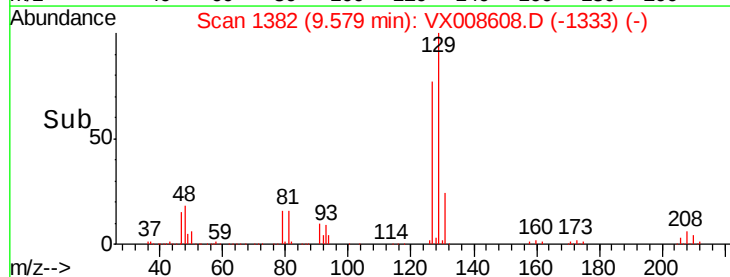
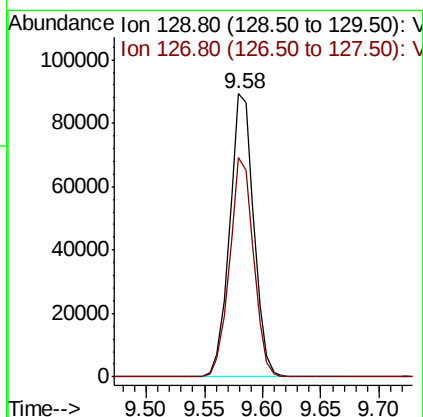
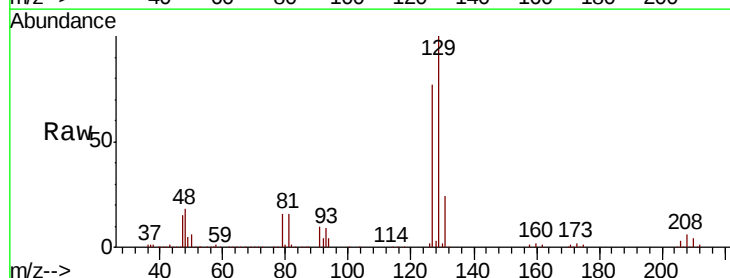
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

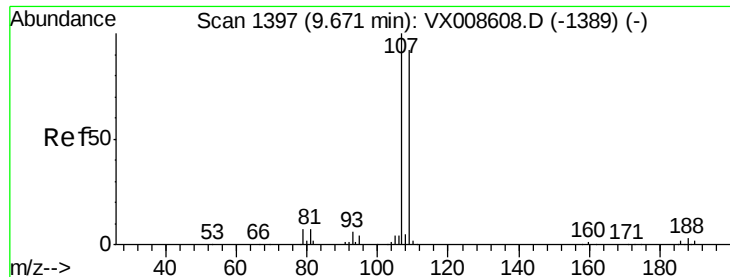
Tot Ion: 43 Resp: 980485
Ion Ratio Lower Upper
43 100
58 51.8 25.9 77.7



#60
Dibromochloromethane
Concen: 52.664 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX008608.D
Acq: 03 Apr 2019 10:43

Tgt Ion: 129 Resp: 128340
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.3

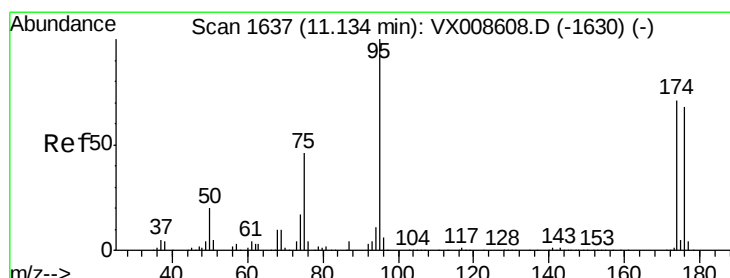
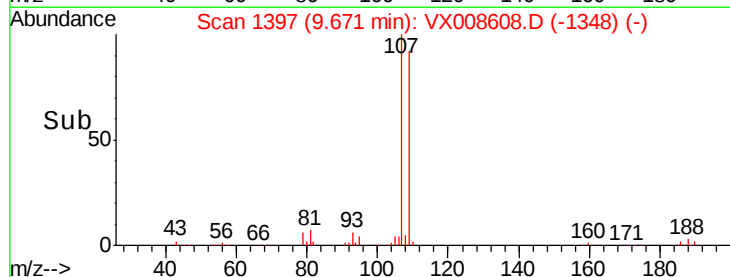
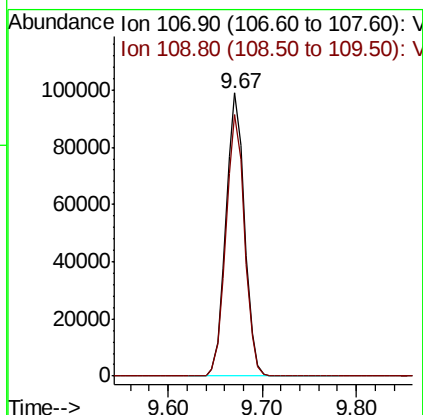
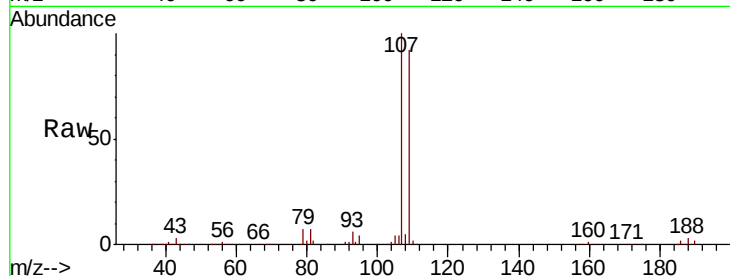




#61
 1,2-Dibromoethane
 Concen: 50.540 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX008608.D
 Acq: 03 Apr 2019 10:43

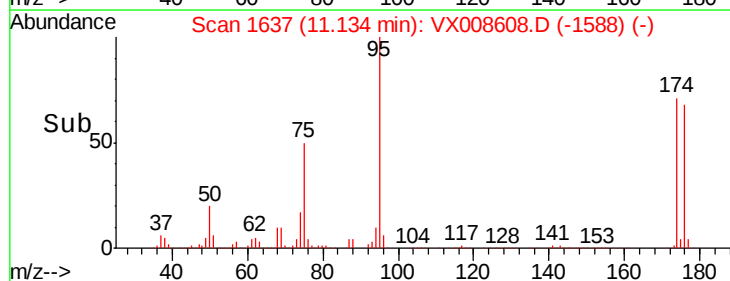
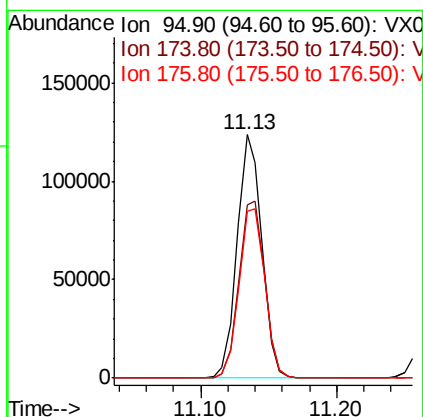
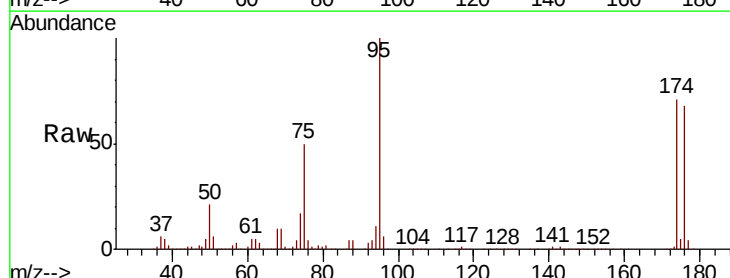
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

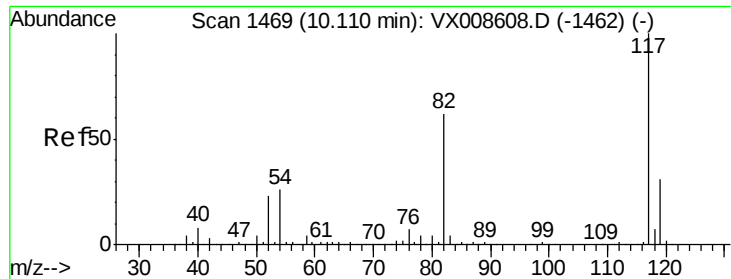
Tot Ion: 107 Resp: 136068
 Ion Ratio Lower Upper
 107 100
 109 92.6 74.1 111.1



#62
 4-Bromofluorobenzene
 Concen: 51.418 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX008608.D
 Acq: 03 Apr 2019 10:43

Tgt Ion: 95 Resp: 155772
 Ion Ratio Lower Upper
 95 100
 174 75.9 0.0 151.8
 176 72.9 0.0 145.8

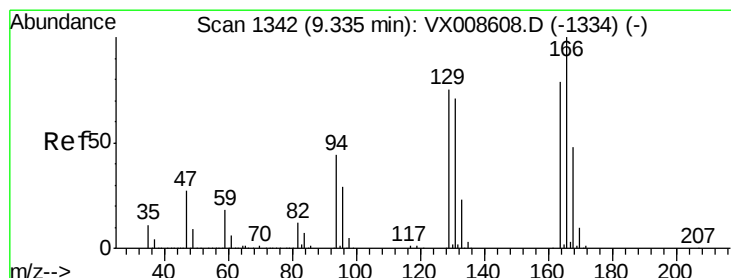
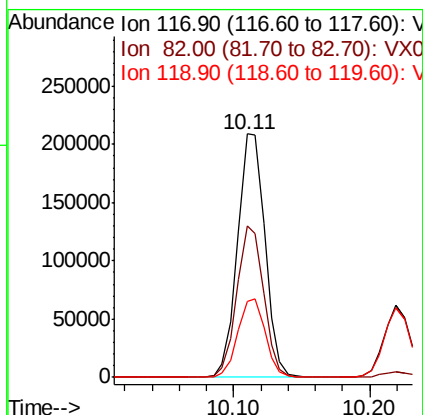
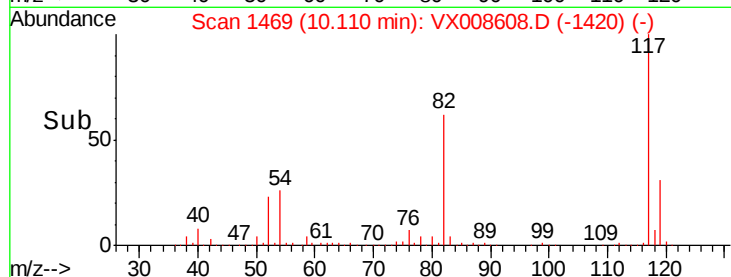
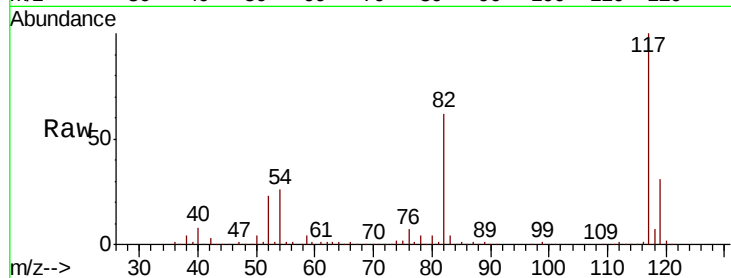




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008608.D
Acq: 03 Apr 2019 10:43

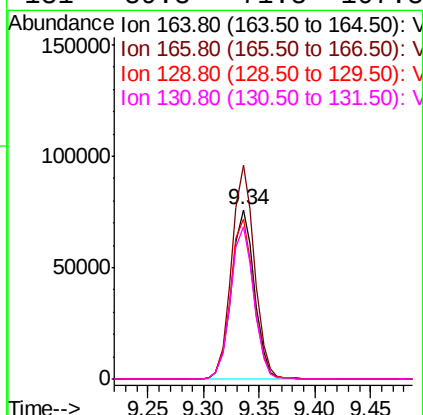
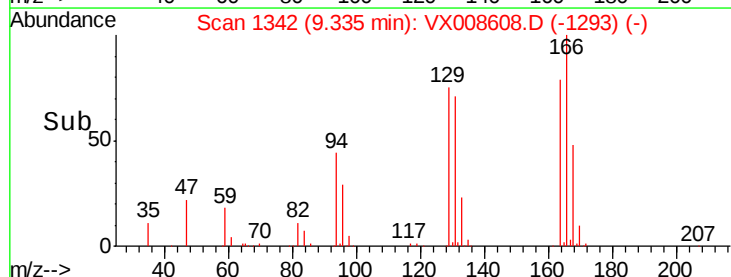
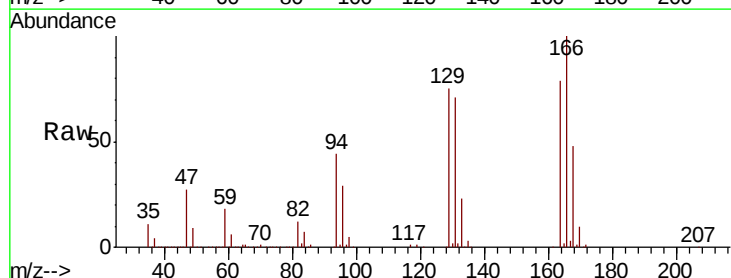
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

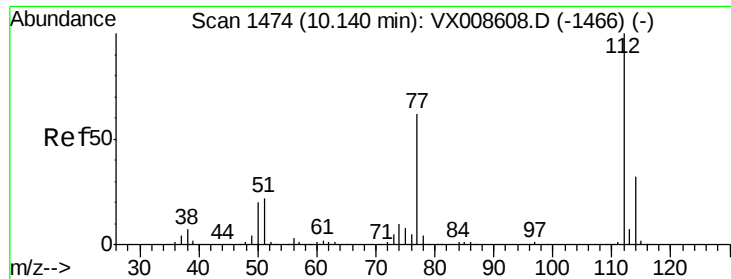
Tot Ion:117 Resp: 295137
Ion Ratio Lower Upper
117 100
82 62.0 49.6 74.4
119 31.2 25.0 37.4



#64
Tetrachloroethene
Concen: 49.583 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008608.D
Acq: 03 Apr 2019 10:43

Tgt Ion:164 Resp: 108420
Ion Ratio Lower Upper
164 100
166 126.3 101.0 151.6
129 94.8 75.8 113.8
131 89.8 71.8 107.8

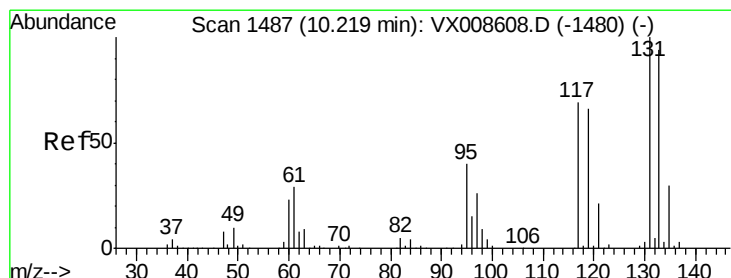
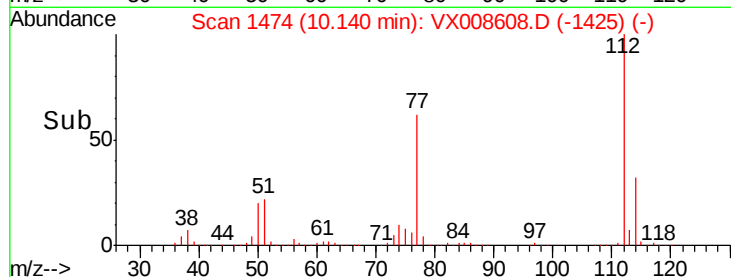
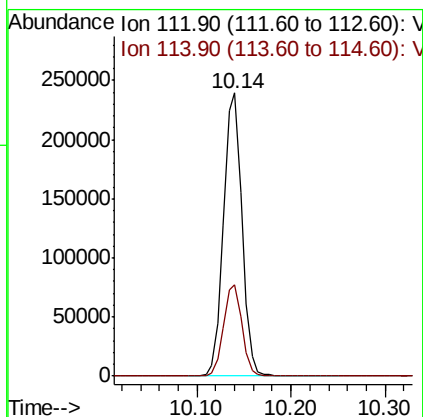
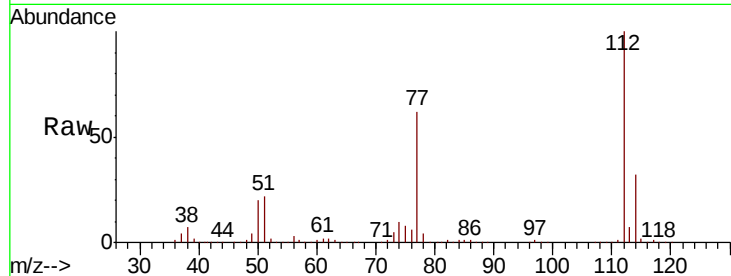




#65
Chlorobenzene
Concen: 49.781 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX008608.D
Acq: 03 Apr 2019 10:43

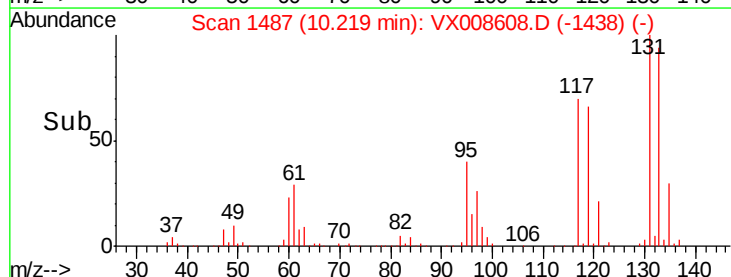
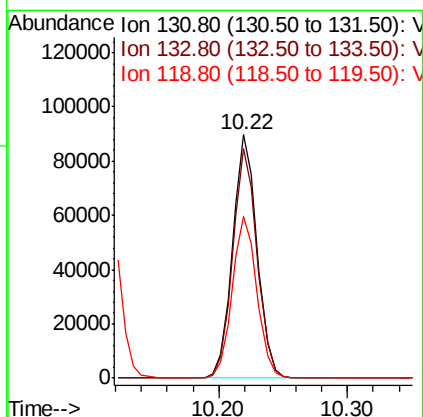
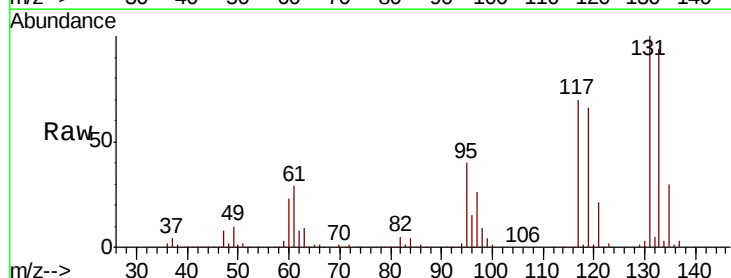
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

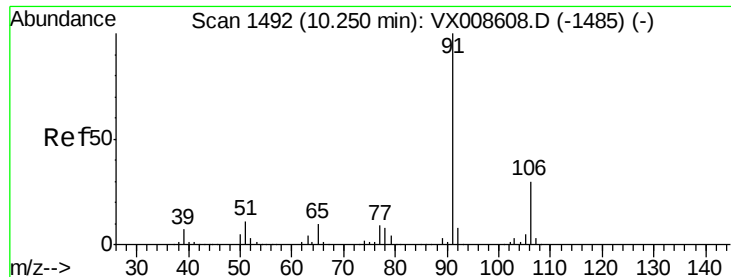
Tot Ion:112 Resp: 325681
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 51.601 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008608.D
Acq: 03 Apr 2019 10:43

Tgt Ion:131 Resp: 118431
Ion Ratio Lower Upper
131 100
133 94.1 47.0 141.2
119 67.3 33.7 101.0





#67

Ethyl Benzene

Concen: 50.624 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

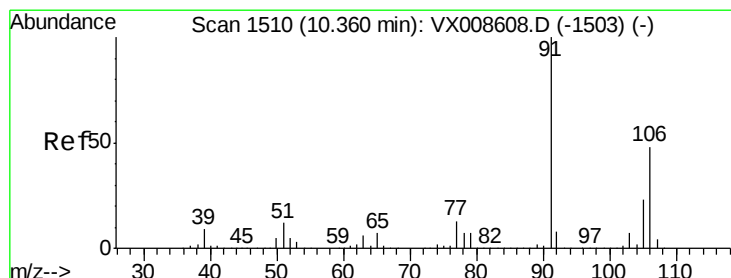
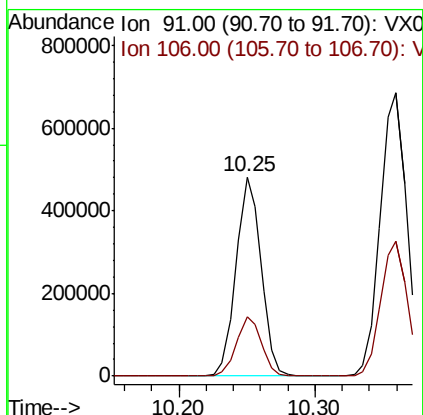
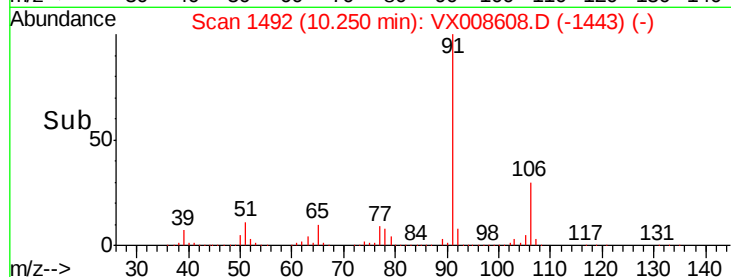
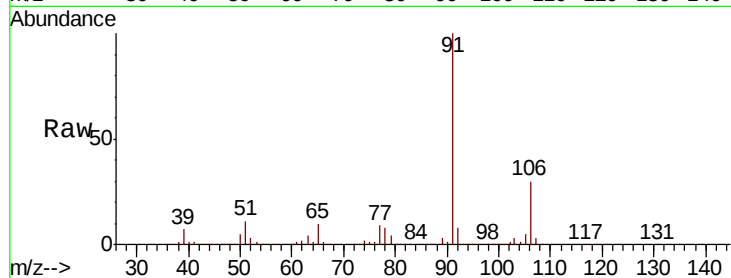
VSTDICCC050

Tot Ion: 91 Resp: 617572

Ion Ratio Lower Upper

91 100

106 29.6 23.7 35.5



#68

m/p-Xylenes

Concen: 101.226 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX008608.D

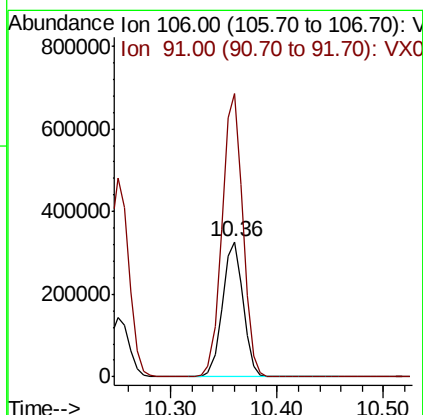
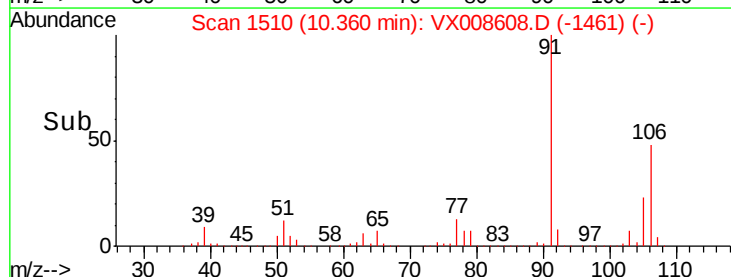
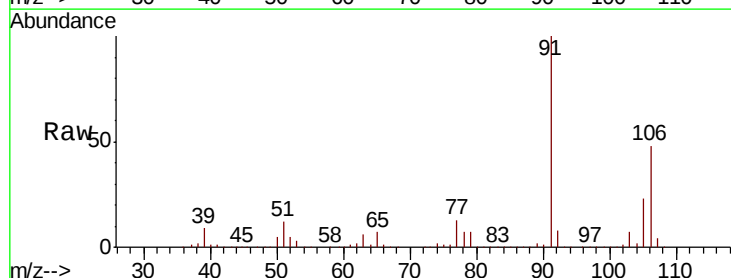
Acq: 03 Apr 2019 10:43

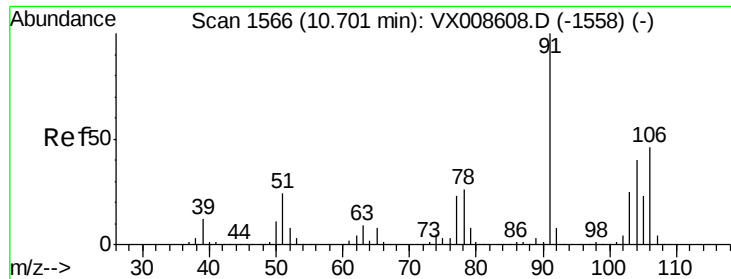
Tgt Ion: 106 Resp: 444005

Ion Ratio Lower Upper

106 100

91 210.6 168.5 252.7

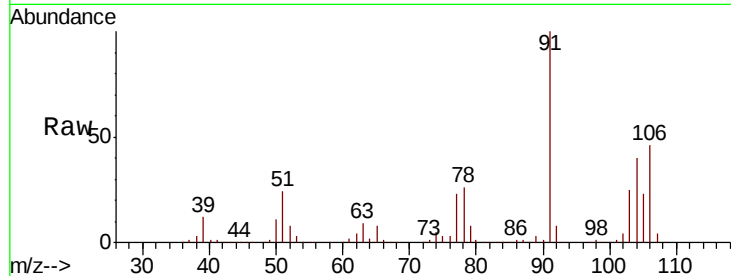




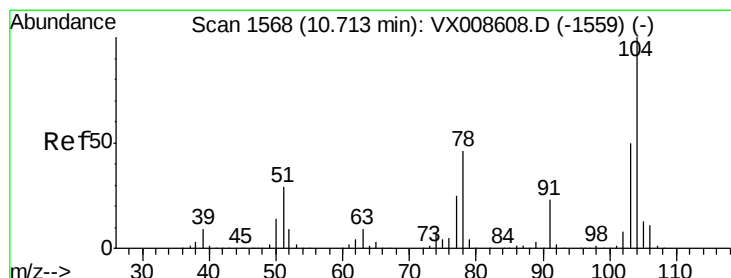
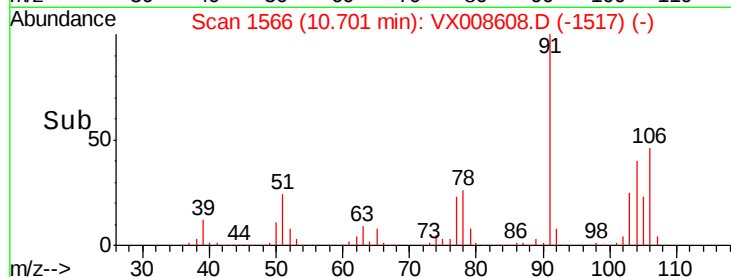
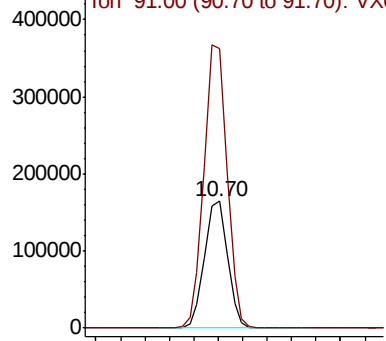
#69
o-Xylene
Concen: 50.463 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX008608.D
Acq: 03 Apr 2019 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:106 Resp: 214507
Ion Ratio Lower Upper
106 100
91 222.9 111.5 334.4

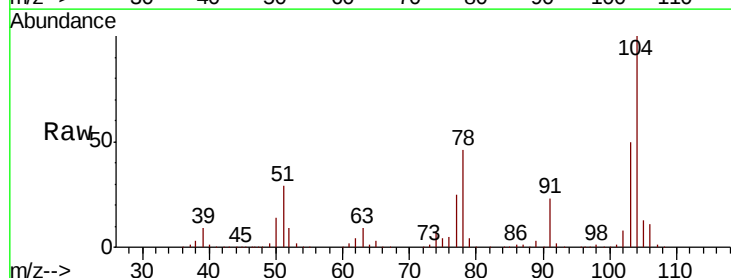


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

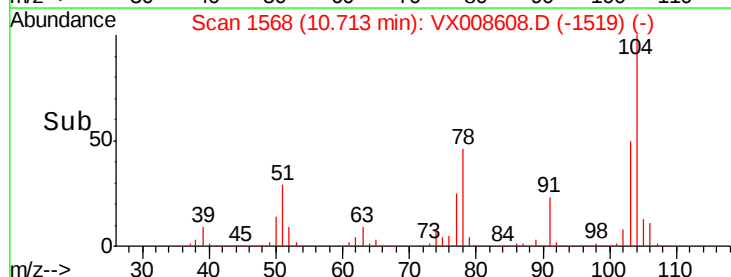
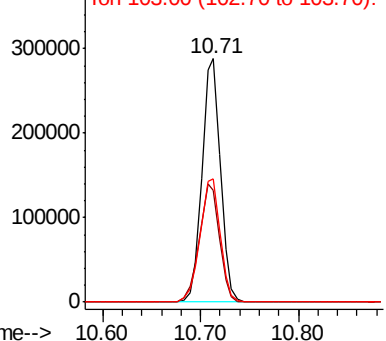


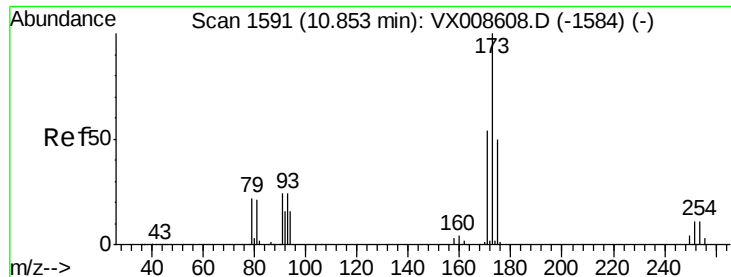
#70
Styrene
Concen: 51.380 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008608.D
Acq: 03 Apr 2019 10:43

Tgt Ion:104 Resp: 376477
Ion Ratio Lower Upper
104 100
78 52.9 42.3 63.5
103 55.5 44.4 66.6



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





#71

Bromoform

Concen: 53.483 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

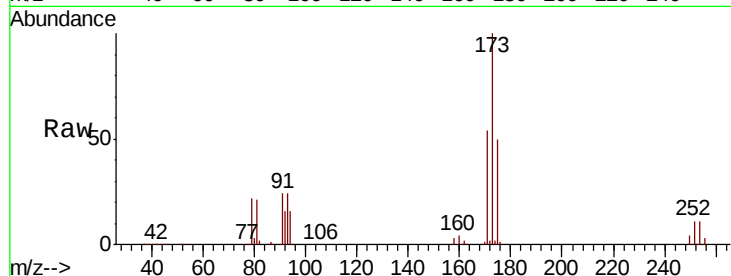
Tot Ion:173 Resp: 93751

Ion Ratio Lower Upper

173 100

175 49.7 24.9 74.6

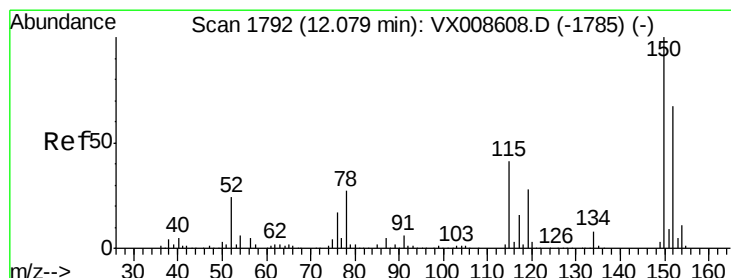
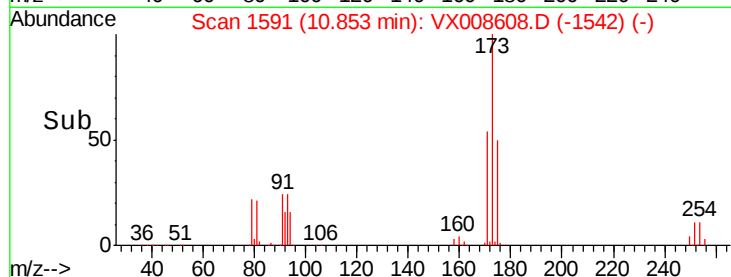
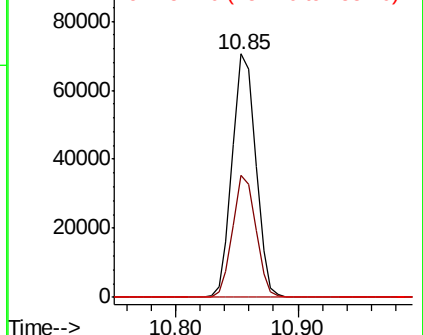
254 0.1 0.1 0.1#



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: VX008608.D

Acq: 03 Apr 2019 10:43

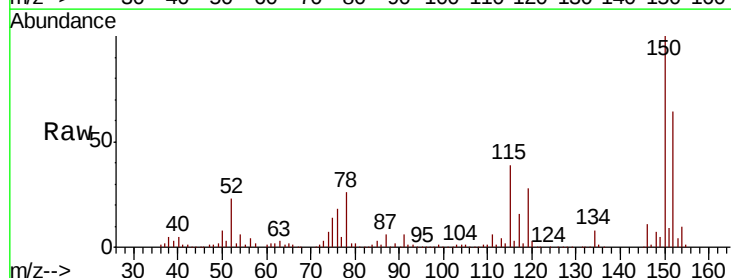
Tgt Ion:152 Resp: 134516

Ion Ratio Lower Upper

152 100

115 87.0 43.5 130.5

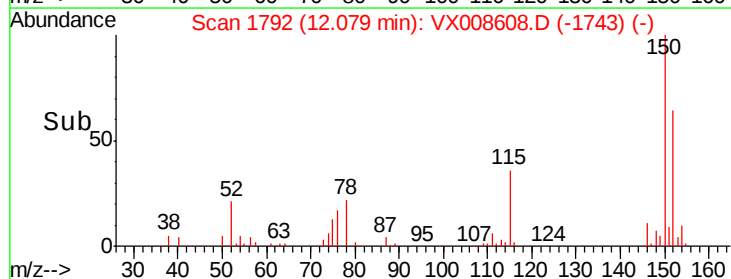
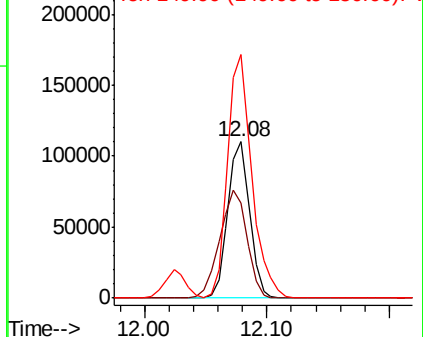
150 174.4 0.0 348.8

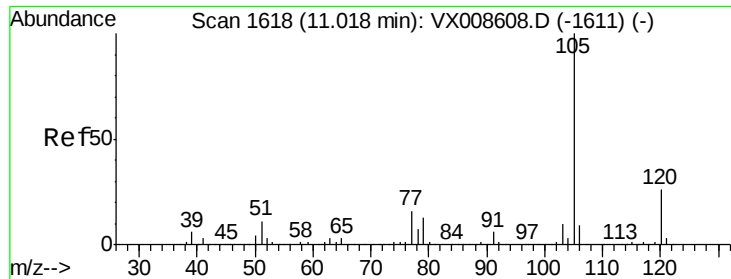


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.369 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

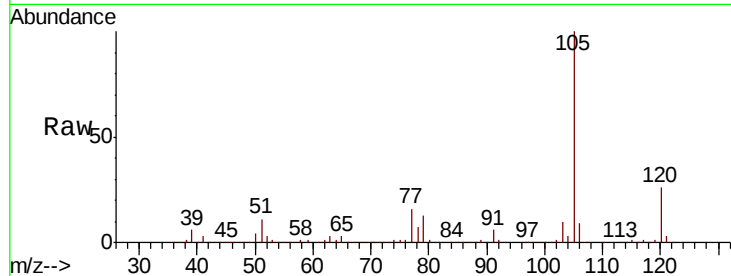
VSTDICCC050

Tot Ion:105 Resp: 572653

Ion Ratio Lower Upper

105 100

120 25.7 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

500000

400000

300000

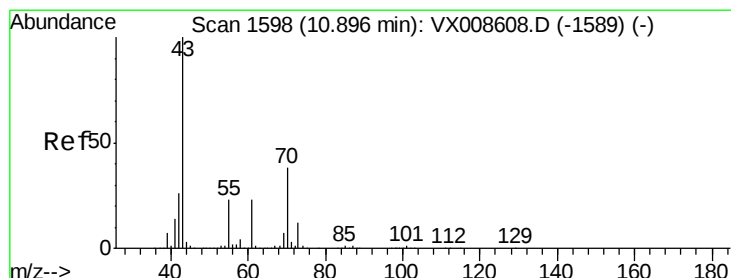
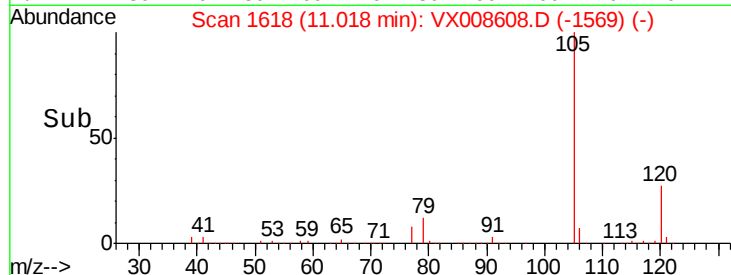
200000

100000

0

Time-->

11.00 11.10



#74

N-ethyl acetate

Concen: 50.991 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Tgt Ion: 43 Resp: 334431

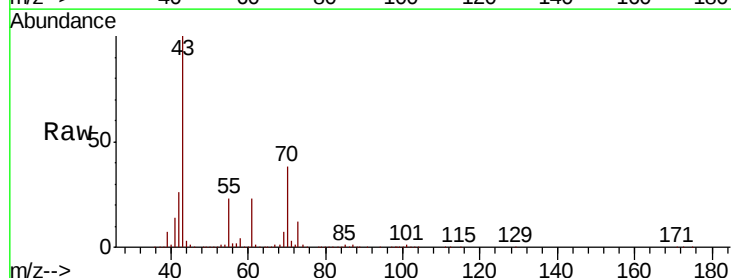
Ion Ratio Lower Upper

43 100

70 37.8 30.2 45.4

55 22.8 18.2 27.4

61 23.3 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.90

400000

300000

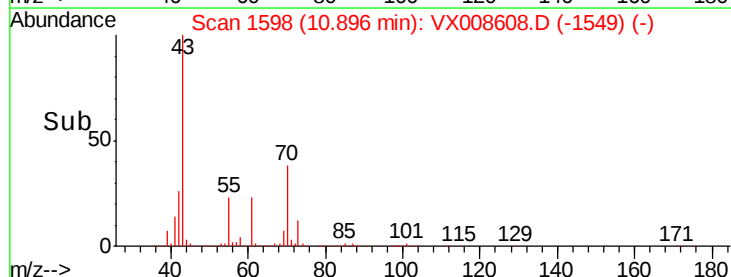
200000

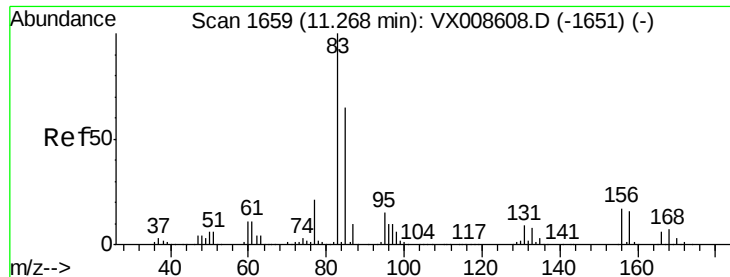
100000

0

Time-->

10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 49.442 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

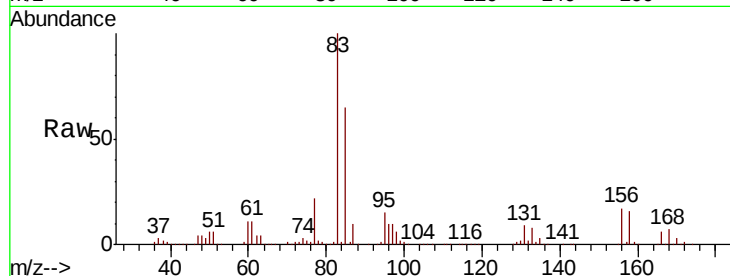
Tot Ion: 83 Resp: 209616

Ion Ratio Lower Upper

83 100

131 9.1 4.5 13.7

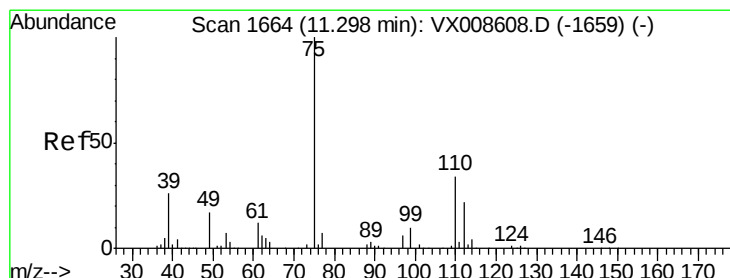
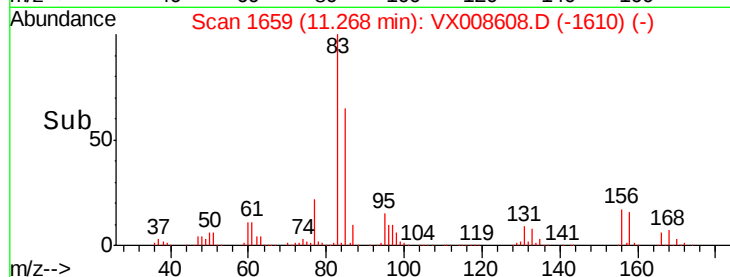
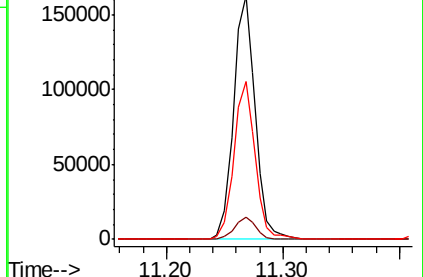
85 64.1 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 63.851 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX008608.D

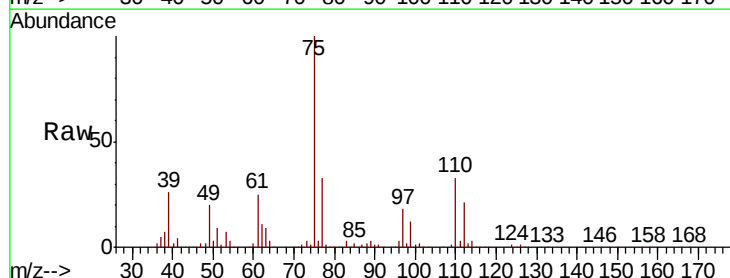
Acq: 03 Apr 2019 10:43

Tgt Ion: 75 Resp: 253916

Ion Ratio Lower Upper

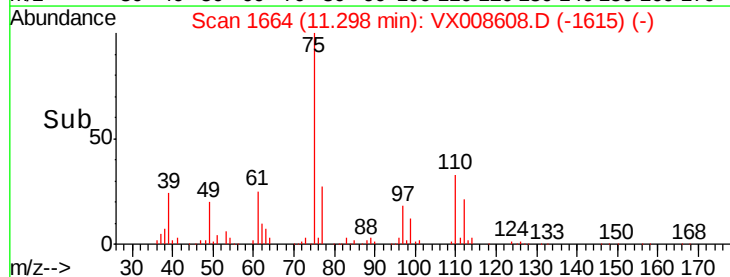
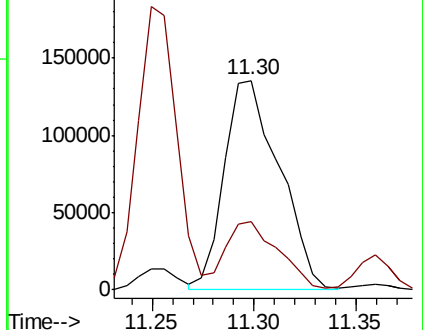
75 100

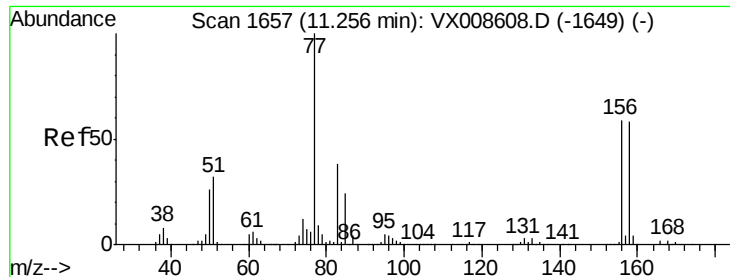
77 31.8 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.432 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

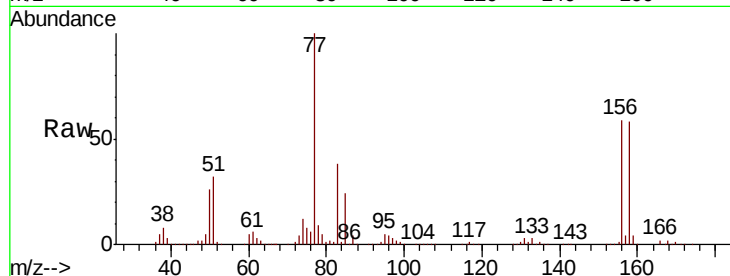
Tot Ion:156 Resp: 135154

Ion Ratio Lower Upper

156 100

77 179.7 89.8 269.6

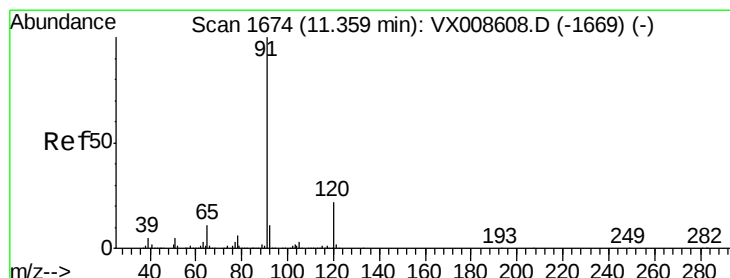
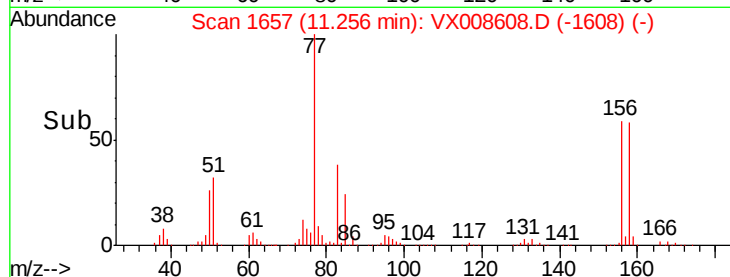
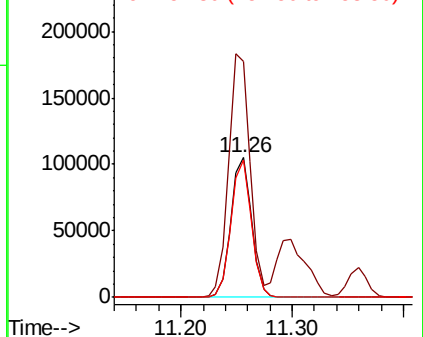
158 97.3 48.6 145.9



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: 51.696 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008608.D

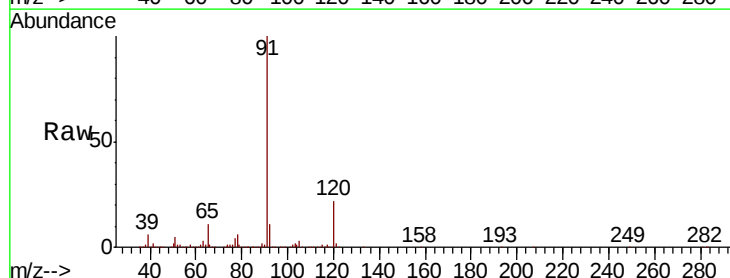
Acq: 03 Apr 2019 10:43

Tgt Ion: 91 Resp: 671014

Ion Ratio Lower Upper

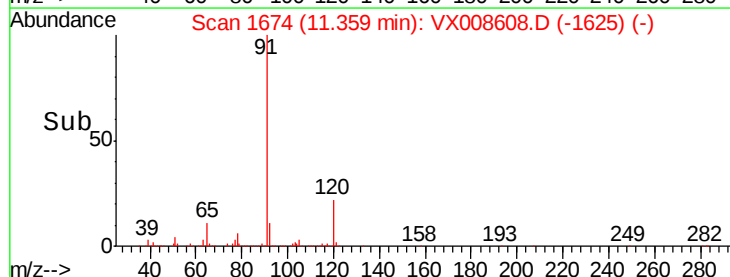
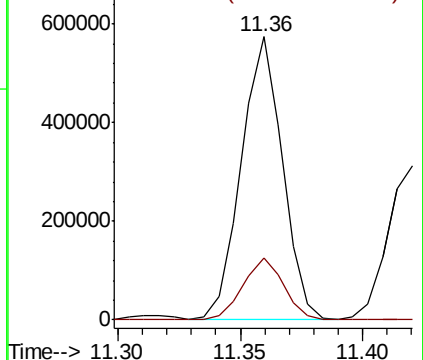
91 100

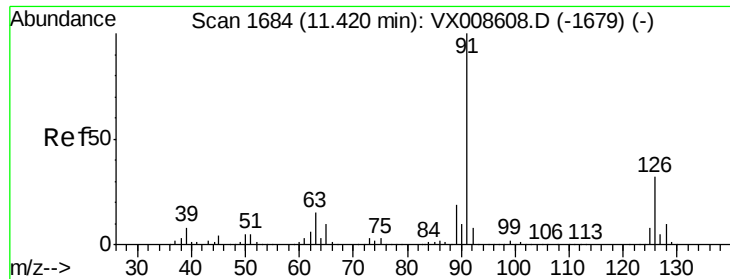
120 21.8 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.071 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

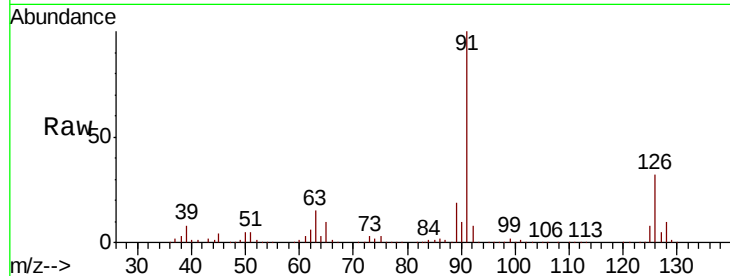
VSTDICCC050

Tot Ion: 91 Resp: 393303

Ion Ratio Lower Upper

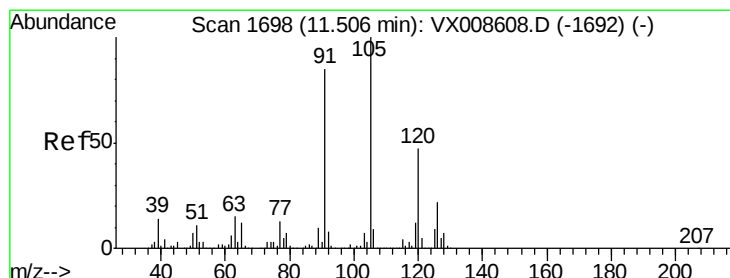
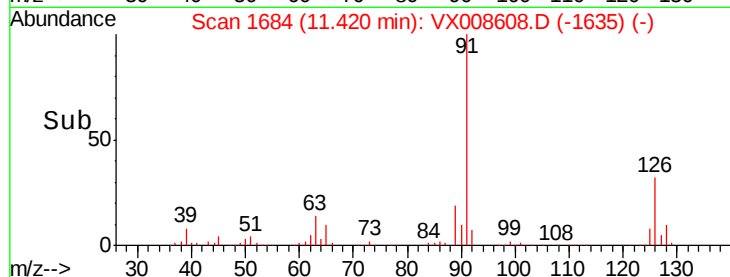
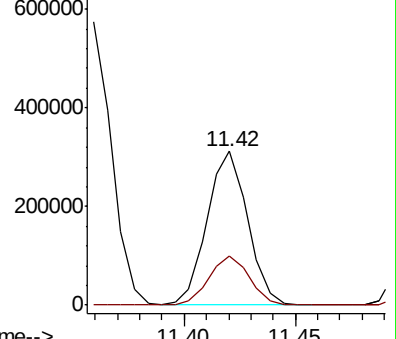
91 100

126 32.2 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.737 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008608.D

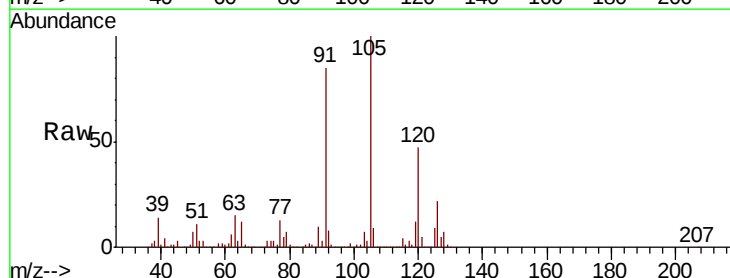
Acq: 03 Apr 2019 10:43

Tgt Ion:105 Resp: 484132

Ion Ratio Lower Upper

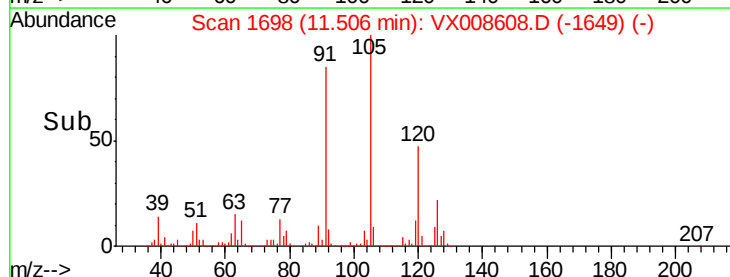
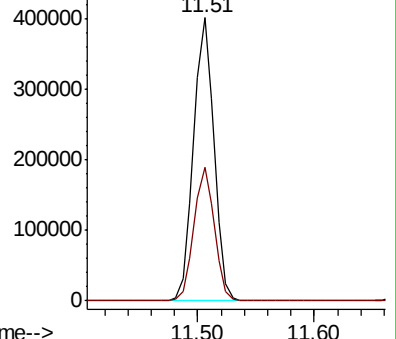
105 100

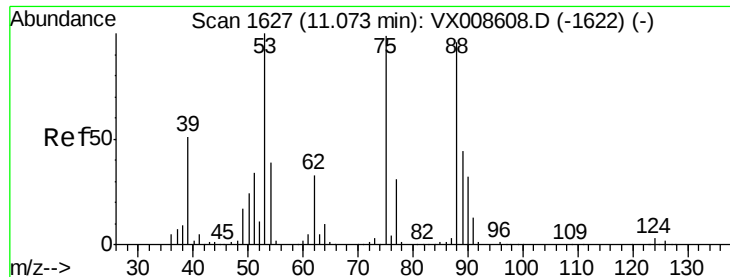
120 47.1 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 54.519 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

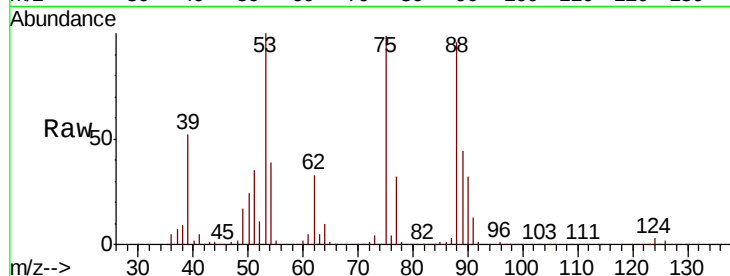
Tot Ion: 75 Resp: 73085

Ion Ratio Lower Upper

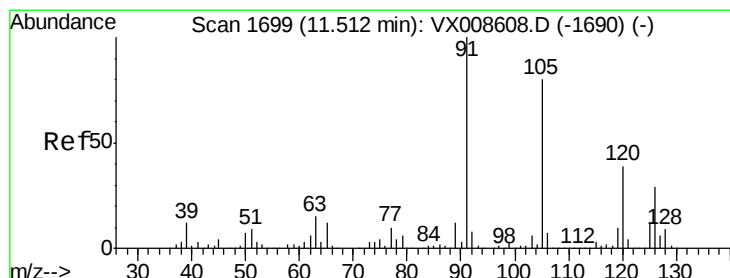
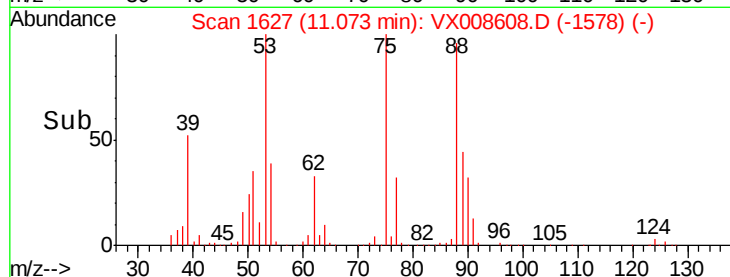
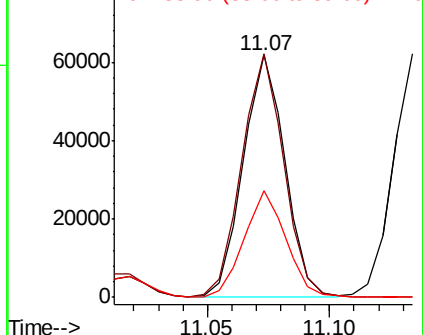
75 100

53 101.6 81.3 121.9

89 44.5 35.6 53.4



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.210 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX008608.D

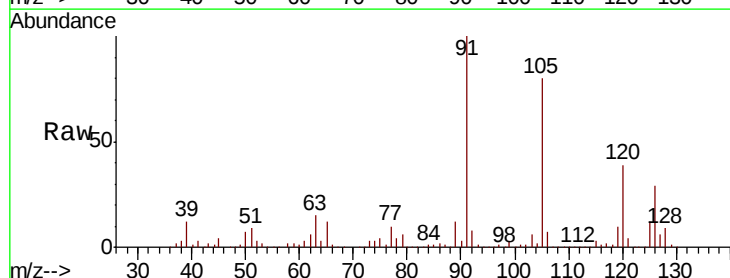
Acq: 03 Apr 2019 10:43

Tgt Ion: 91 Resp: 456531

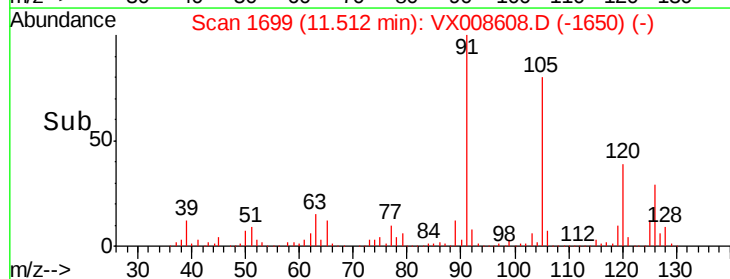
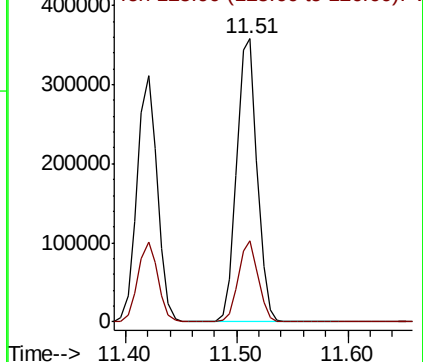
Ion Ratio Lower Upper

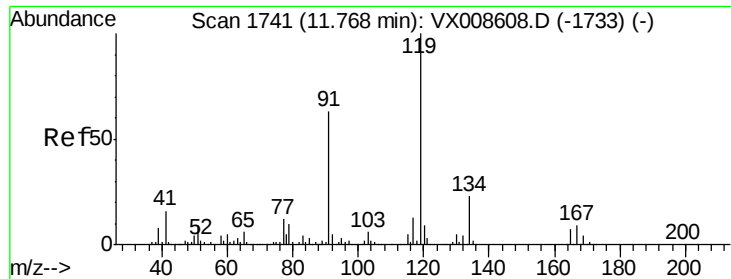
91 100

126 27.7 13.9 41.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

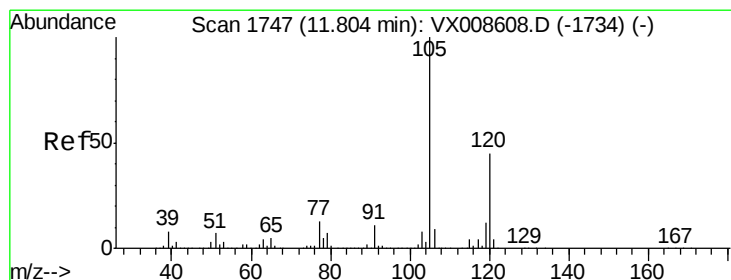
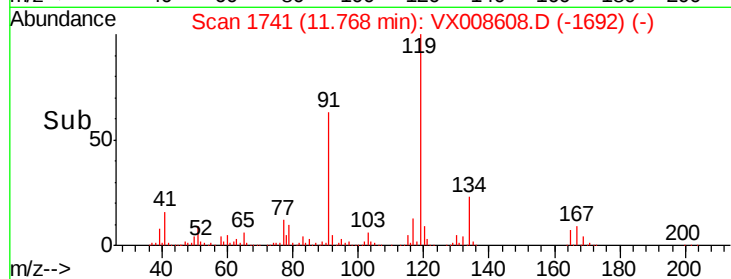
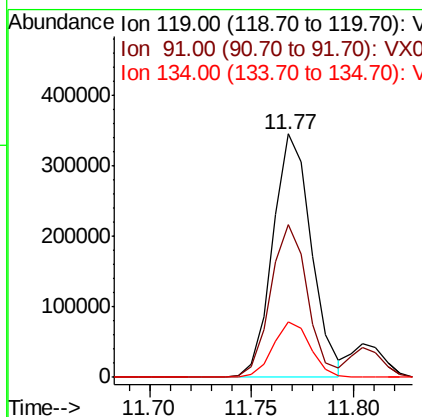
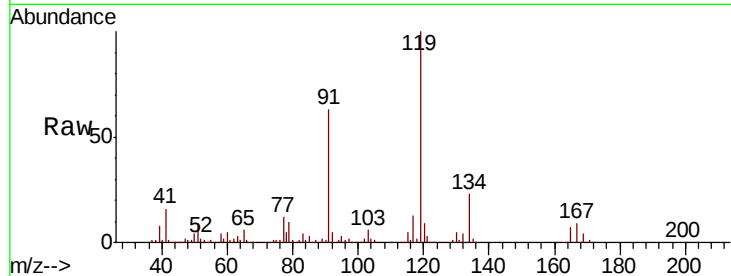




#83
 tert-Butylbenzene
 Concen: 50.701 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX008608.D
 Acq: 03 Apr 2019 10:43

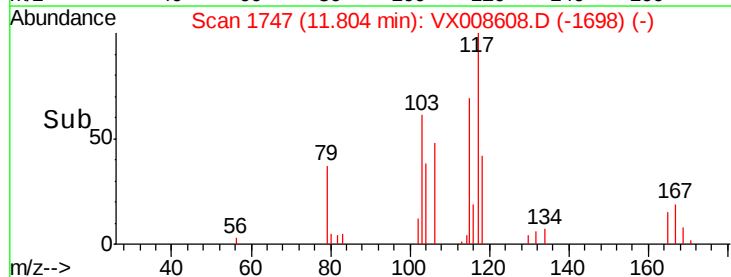
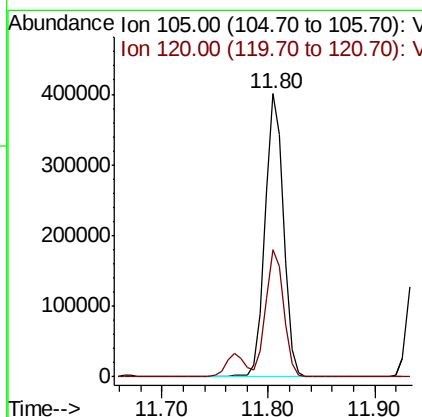
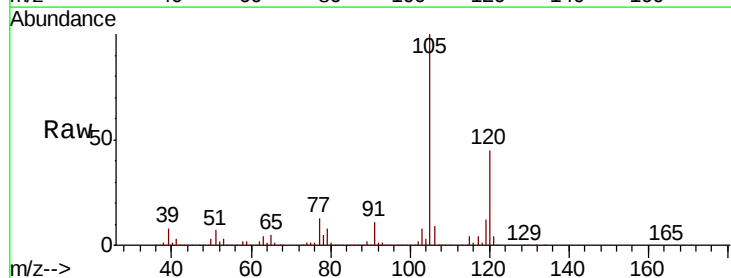
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

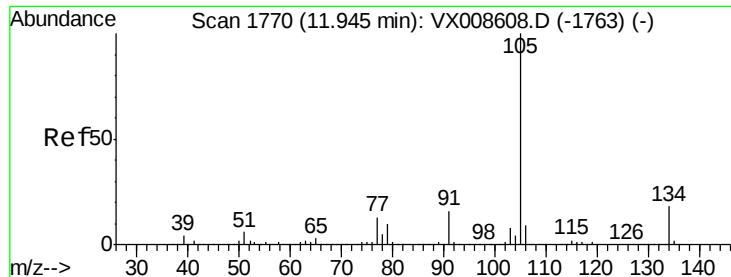
Tot Ion:119 Resp: 456447
 Ion Ratio Lower Upper
 119 100
 91 60.1 30.0 90.1
 134 22.2 11.1 33.3



#84
 1,2,4-Trimethylbenzene
 Concen: 51.363 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008608.D
 Acq: 03 Apr 2019 10:43

Tgt Ion:105 Resp: 486670
 Ion Ratio Lower Upper
 105 100
 120 43.5 21.8 65.3





#85

sec-Butylbenzene

Concen: 51.783 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

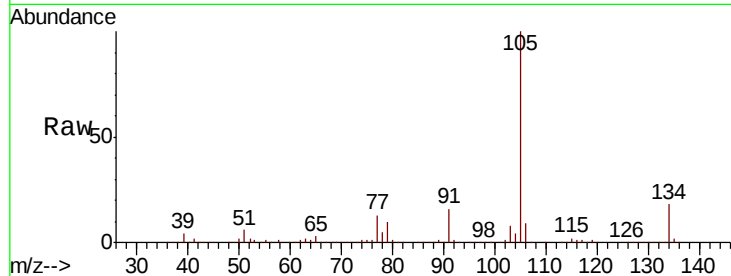
VSTDICCC050

Tot Ion:105 Resp: 553749

Ion Ratio Lower Upper

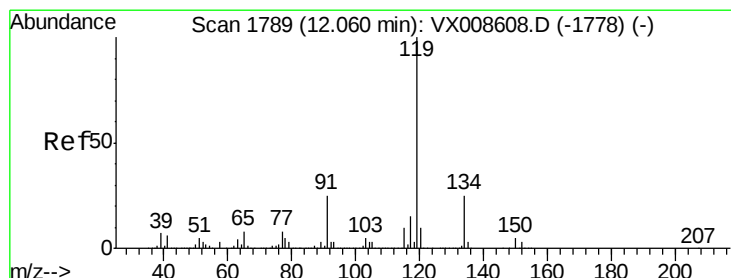
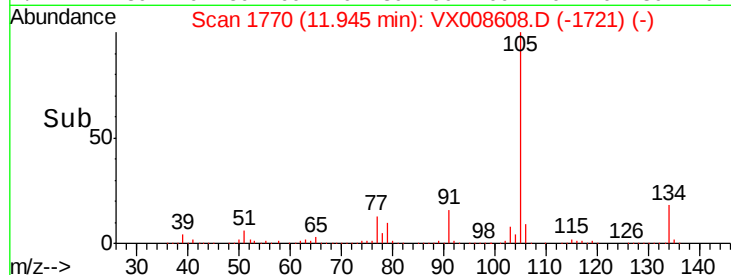
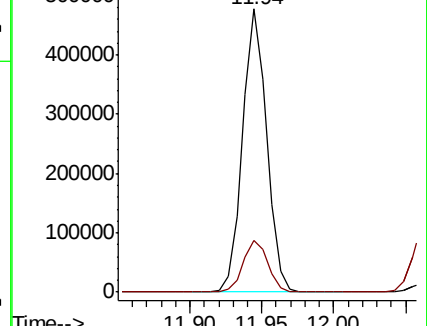
105 100

134 18.8 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.819 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

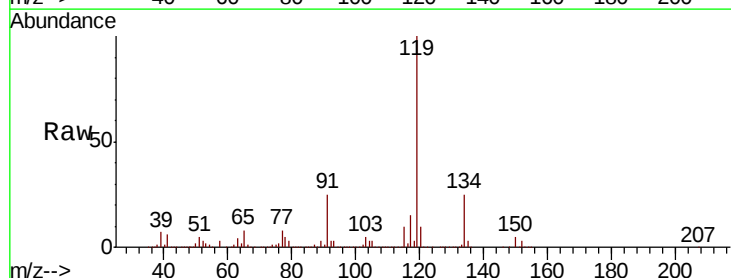
Tgt Ion:119 Resp: 497361

Ion Ratio Lower Upper

119 100

134 25.6 12.8 38.4

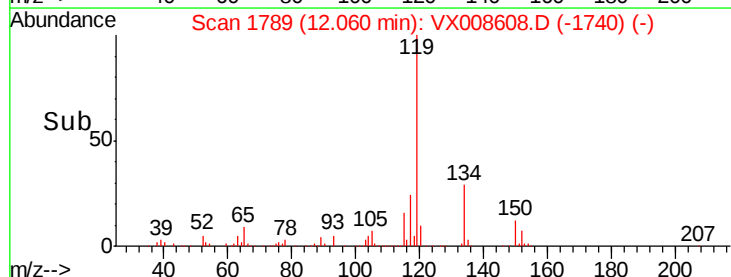
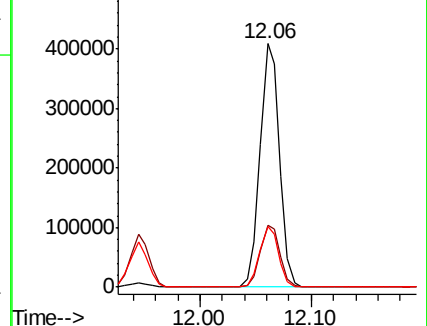
91 24.4 12.2 36.6

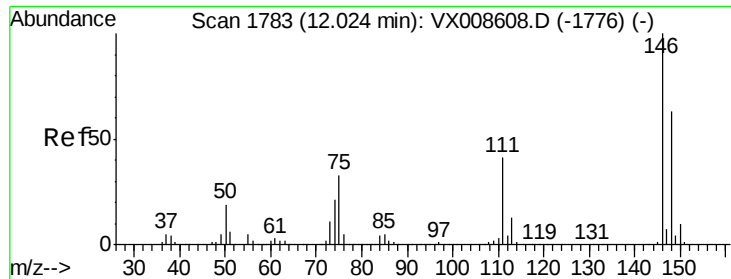


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

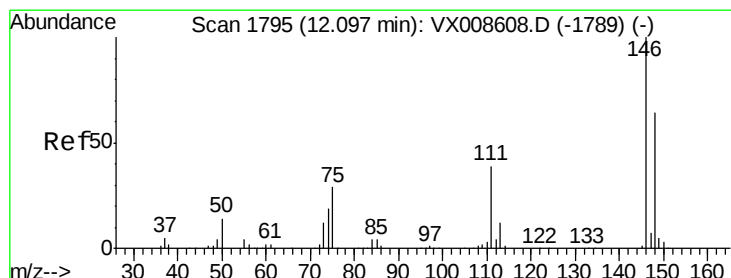
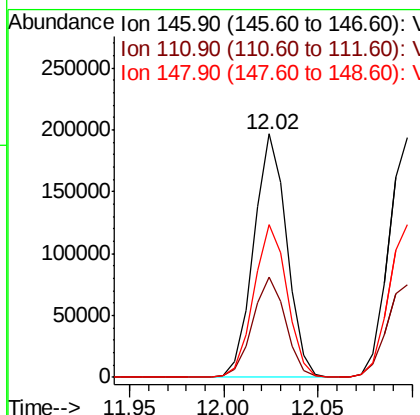
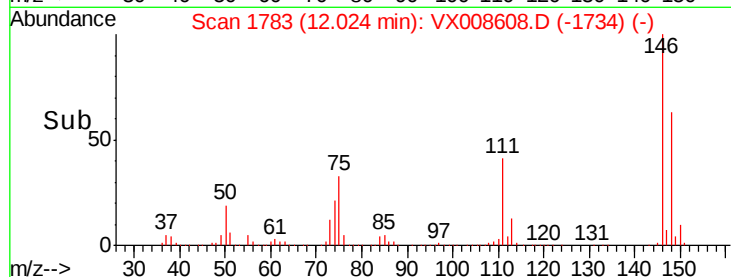
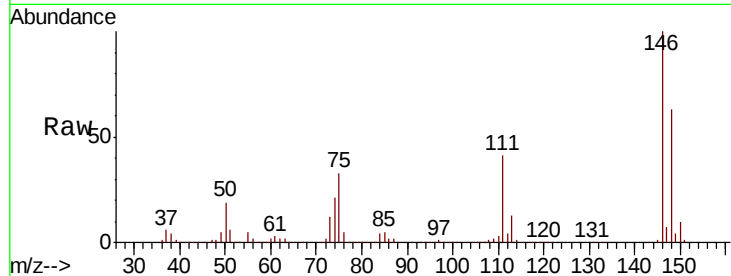




#87
 1,3-Dichlorobenzene
 Concen: 49.747 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008608.D
 Acq: 03 Apr 2019 10:43

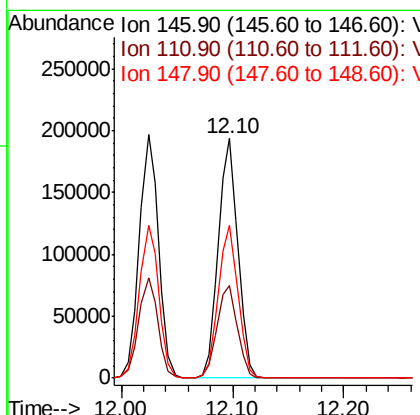
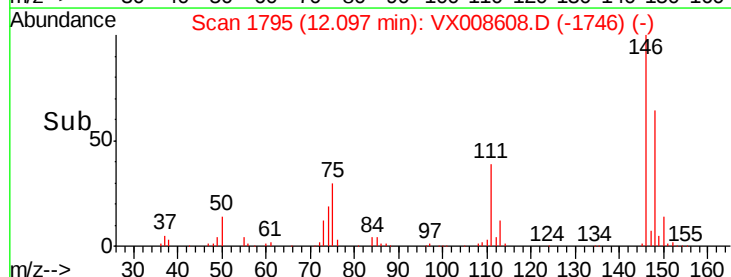
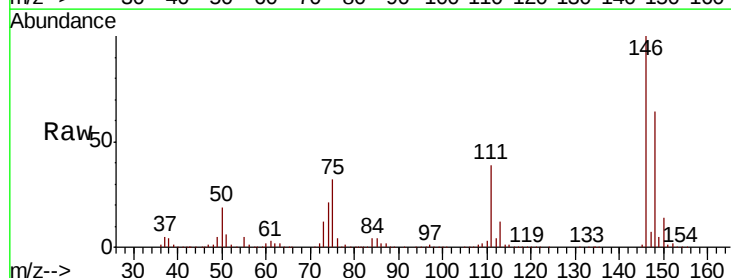
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

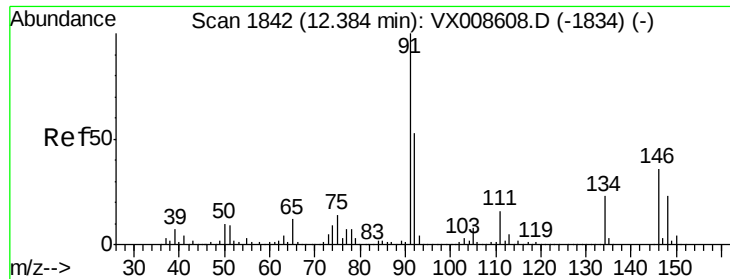
Tot Ion:146 Resp: 238671
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.5 61.5
 148 63.1 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 48.632 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008608.D
 Acq: 03 Apr 2019 10:43

Tgt Ion:146 Resp: 236264
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.2 60.6
 148 64.0 32.0 96.0

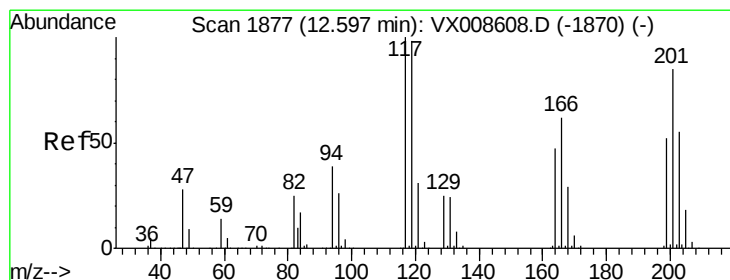
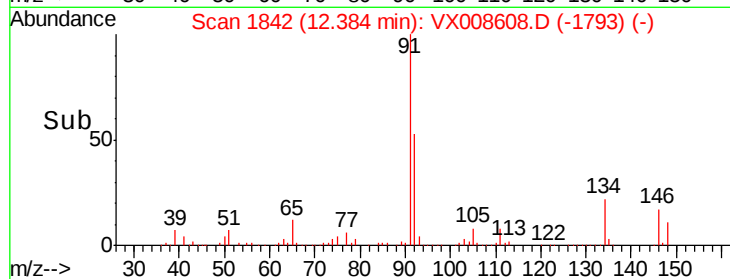
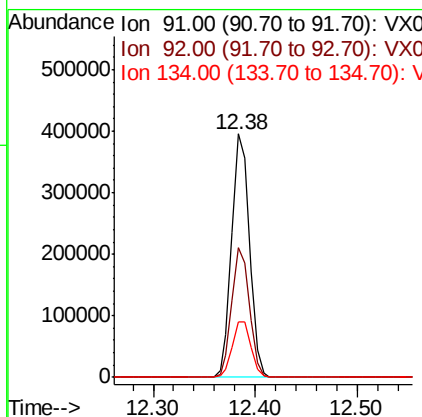
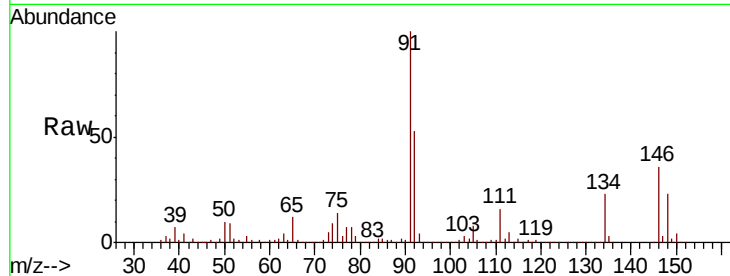




#89
n-Butylbenzene
Concen: 52.639 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008608.D
Acq: 03 Apr 2019 10:43

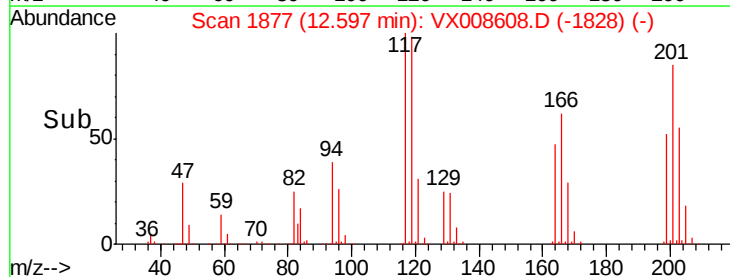
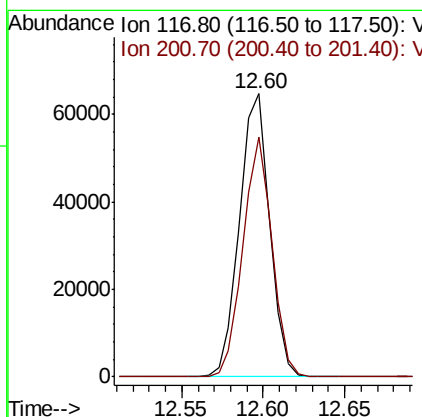
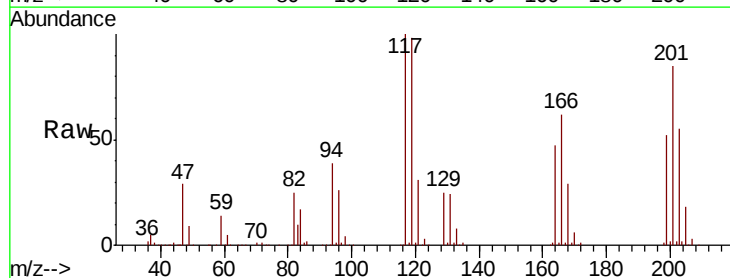
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

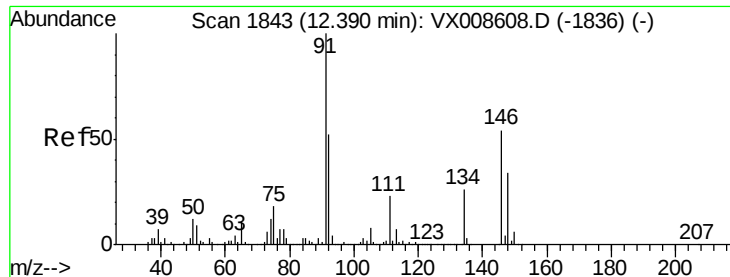
Tot Ion: 91 Resp: 473808
Ion Ratio Lower Upper
91 100
92 52.8 26.4 79.2
134 24.0 12.0 36.0



#90
Hexachloroethane
Concen: 52.675 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX008608.D
Acq: 03 Apr 2019 10:43

Tgt Ion: 117 Resp: 83854
Ion Ratio Lower Upper
117 100
201 81.3 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 49.301 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

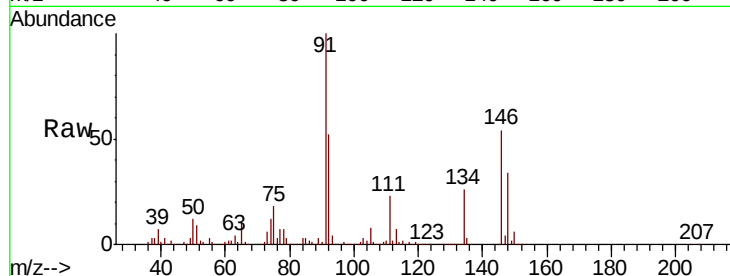
Tot Ion:146 Resp: 234844

Ion Ratio Lower Upper

146 100

111 42.6 21.3 63.9

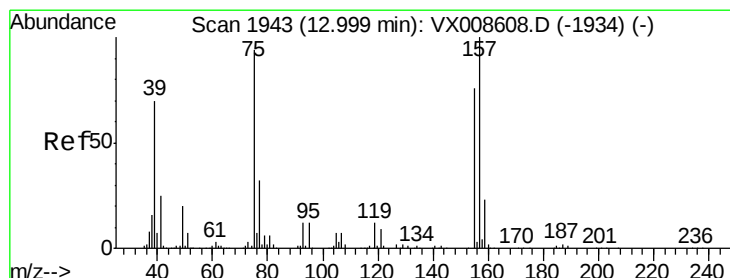
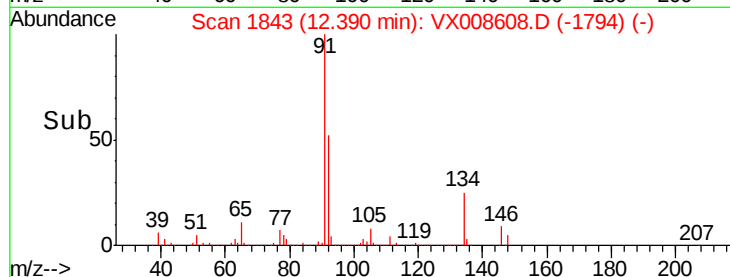
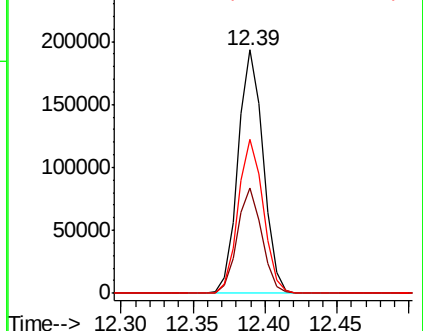
148 63.4 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.952 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

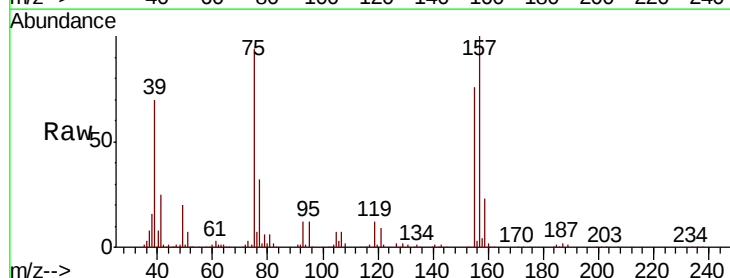
Tgt Ion: 75 Resp: 46588

Ion Ratio Lower Upper

75 100

155 79.7 39.9 119.6

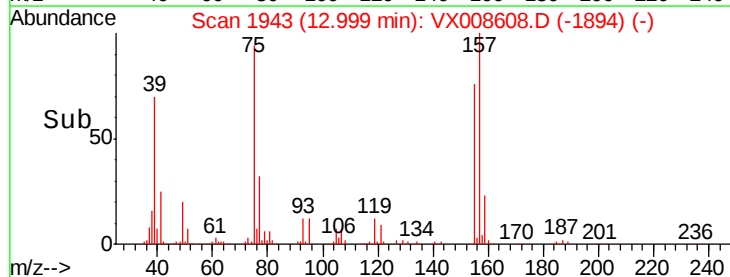
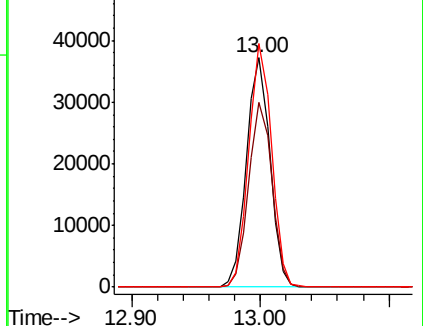
157 103.1 51.5 154.7

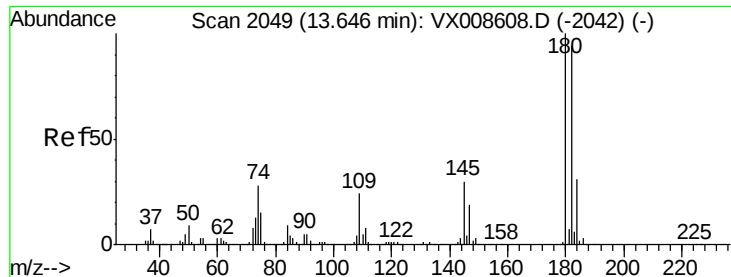


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

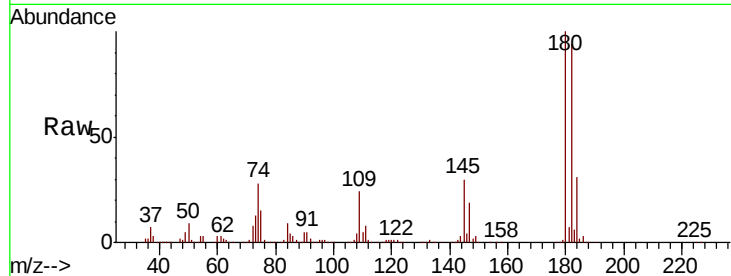




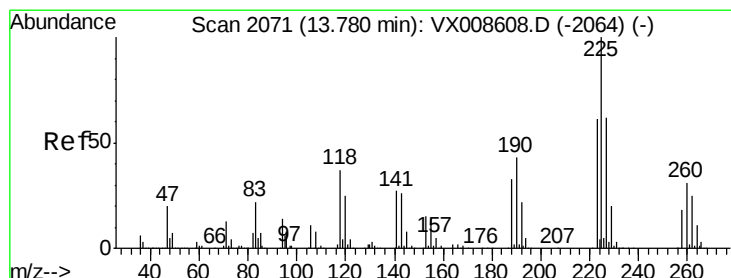
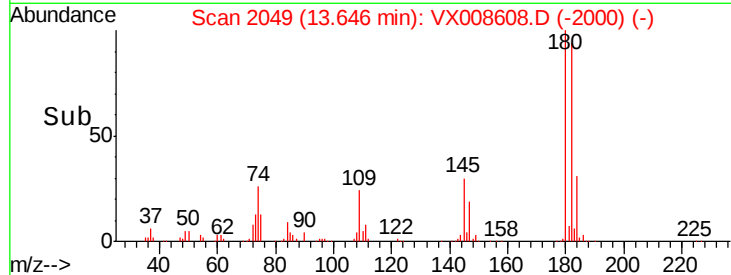
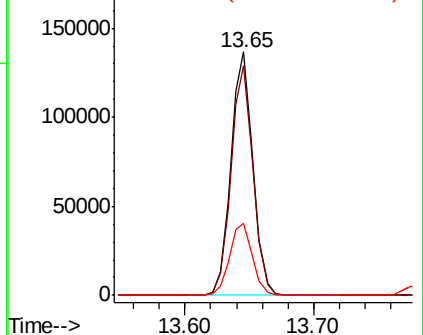
#93
 1,2,4-Trichlorobenzene
 Concen: 49.239 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008608.D
 Acq: 03 Apr 2019 10:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion:180 Resp: 163079
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.2 141.6
 145 30.6 15.3 45.9

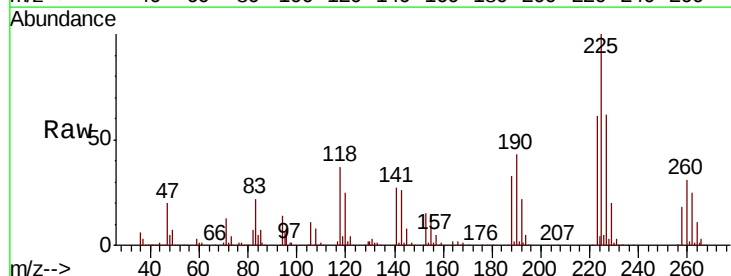


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

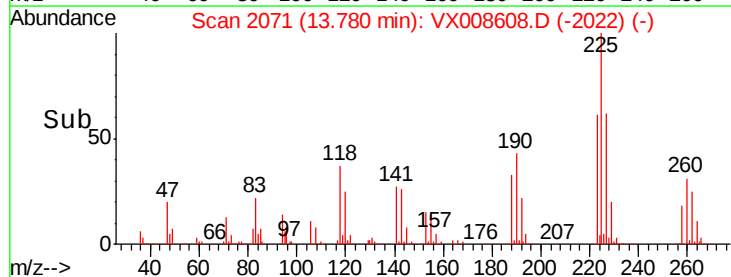
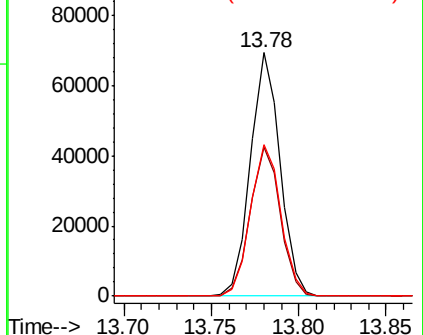


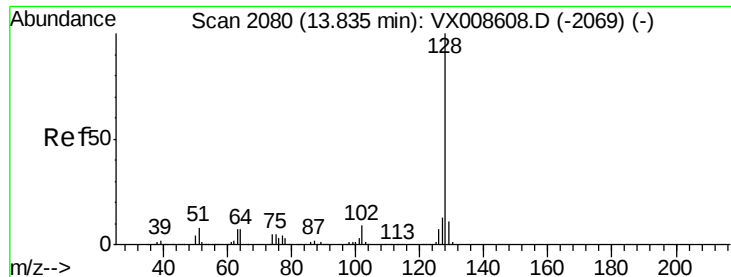
#94
 Hexachlorobutadiene
 Concen: 51.247 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008608.D
 Acq: 03 Apr 2019 10:43

Tgt Ion:225 Resp: 81400
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.2 93.6
 227 63.7 31.9 95.5



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

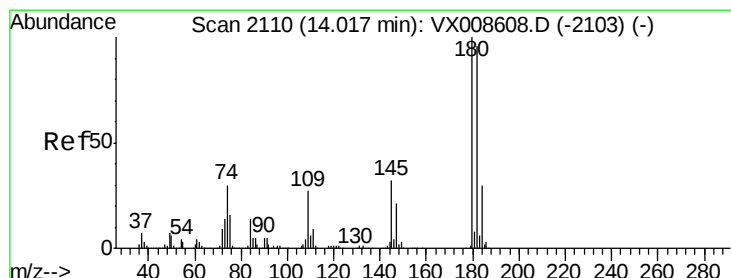
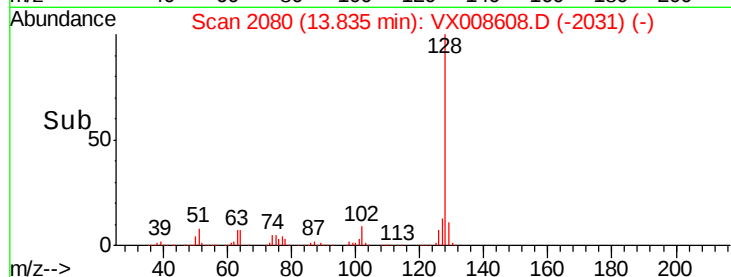
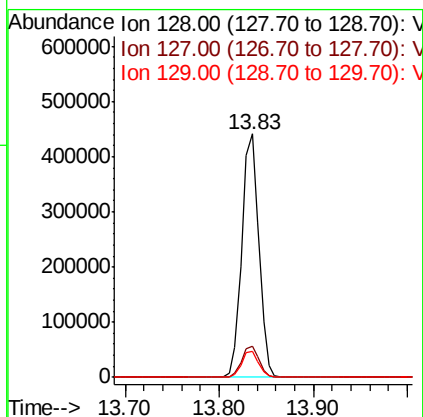
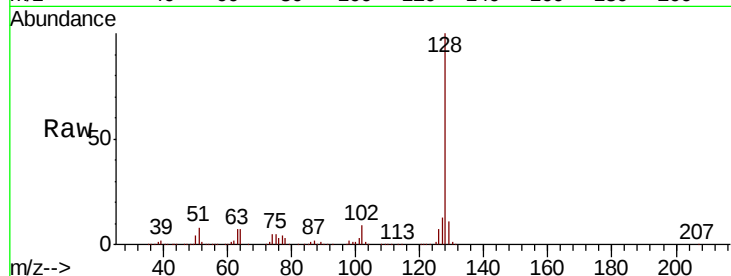




#95
Naphthalene
Concen: 50.154 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008608.D
Acq: 03 Apr 2019 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:128 Resp: 555178
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 48.700 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX008608.D
Acq: 03 Apr 2019 10:43

Tgt Ion:180 Resp: 161155
Ion Ratio Lower Upper
180 100
182 96.2 48.1 144.3
145 32.5 16.3 48.8

