

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120418\
 Data File : VX006268.D
 Acq On : 04 Dec 2018 10:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 04 13:01:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	709387	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1023858	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	914034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	475299	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	341295	47.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.26%	
35) Dibromofluoromethane	5.50	113	330003	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
50) Toluene-d8	8.71	98	1181697	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
62) 4-Bromofluorobenzene	11.13	95	442643	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	405088	58.321	ug/l	100
3) Chloromethane	1.33	50	374724	52.498	ug/l	97
4) Vinyl Chloride	1.41	62	412011	53.632	ug/l	99
5) Bromomethane	1.64	94	303259	56.961	ug/l	100
6) Chloroethane	1.72	64	252576	53.623	ug/l	99
7) Trichlorofluoromethane	1.93	101	633127	53.690	ug/l	96
8) Diethyl Ether	2.19	74	236099	52.902	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	372988	55.626	ug/l	99
10) Methyl Iodide	2.51	142	559960	55.413	ug/l	98
11) Tert butyl alcohol	3.07	59	456077	230.290	ug/l	99
12) 1,1-Dichloroethene	2.37	96	336071	52.356	ug/l	98
13) Acrolein	2.29	56	260642	240.792	ug/l	100
14) Allyl chloride	2.73	41	635034	50.081	ug/l	98
15) Acrylonitrile	3.15	53	1015295	245.673	ug/l	100
16) Acetone	2.45	43	801031	235.703	ug/l	98
17) Carbon Disulfide	2.57	76	999608	50.537	ug/l	99
18) Methyl Acetate	2.78	43	570396	50.188	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	1190788	52.002	ug/l	100
20) Methylene Chloride	2.85	84	371693	51.390	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	357294	52.232	ug/l	95
22) Diisopropyl ether	3.87	45	1068160	53.932	ug/l	97
23) Vinyl Acetate	3.82	43	4502295	266.525	ug/l	100
24) 1,1-Dichloroethane	3.70	63	637349	56.301	ug/l	98
25) 2-Butanone	4.70	43	1187665	244.922	ug/l	99
26) 2,2-Dichloropropane	4.59	77	583815	55.881	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	418547	54.854	ug/l	99
28) Bromochloromethane	5.01	49	247290	50.011	ug/l	100
29) Tetrahydrofuran	5.15	42	838064	248.672	ug/l	98
30) Chloroform	5.21	83	654212	54.993	ug/l	97
31) Cyclohexane	5.57	56	562213	53.739	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	614843	54.320	ug/l	100
36) 1,1-Dichloropropene	5.80	75	488044	56.605	ug/l	100
37) Ethyl Acetate	4.85	43	495183	51.285	ug/l	99
38) Carbon Tetrachloride	5.78	117	578522	57.037	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	655325	58.555	ug/l	100
40) Benzene	6.14	78	1455379	56.359	ug/l	98
41) Methacrylonitrile	5.06	41	278499	52.419	ug/l	99
42) 1,2-Dichloroethane	6.20	62	481143	56.930	ug/l	100
43) Isopropyl Acetate	6.46	43	849676	52.780	ug/l	99
44) Trichloroethene	7.21	130	444886	56.869	ug/l	95
45) 1,2-Dichloropropane	7.51	63	365190	55.643	ug/l	97
46) Dibromomethane	7.66	93	268570	56.661	ug/l	98
47) Bromodichloromethane	7.90	83	524579	57.149	ug/l	99
48) Methyl methacrylate	7.77	41	415757	53.087	ug/l	98
49) 1,4-Dioxane	7.75	88	197662	1024.031	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	2438426	260.193	ug/l	99
52) Toluene	8.78	92	945856	55.674	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	594093	55.341	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	623525	55.936	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	387890	56.200	ug/l	98
56) Ethyl methacrylate	9.18	69	584777	54.196	ug/l	98
57) 1,3-Dichloropropane	9.37	76	612169	56.090	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	1484360	271.097	ug/l	99
59) 2-Hexanone	9.49	43	1824541	254.827	ug/l	100
60) Dibromochloromethane	9.58	129	470594	55.294	ug/l	99
61) 1,2-Dibromoethane	9.67	107	428762	55.558	ug/l	98
64) Tetrachloroethene	9.34	164	393772	57.205	ug/l	98
65) Chlorobenzene	10.14	112	1106224	57.013	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	428561	56.848	ug/l	100
67) Ethyl Benzene	10.25	91	1841715	57.071	ug/l	100
68) m/p-Xylenes	10.36	106	1457591	112.757	ug/l	100
69) o-Xylene	10.70	106	707043	55.374	ug/l	99
70) Styrene	10.71	104	1159685	56.155	ug/l	99
71) Bromoform	10.86	173	383682	53.915	ug/l	100
73) Isopropylbenzene	11.02	105	1892052	57.643	ug/l	99
74) N-amyl acetate	10.90	43	731579	51.758	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	561398	53.462	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	685759	74.750	ug/l	86
77) Bromobenzene	11.26	156	506672	55.623	ug/l	98
78) n-propylbenzene	11.36	91	2119671	58.095	ug/l	100
79) 2-Chlorotoluene	11.42	91	1241641	57.255	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1555513	56.957	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	208871	53.429	ug/l #	77
82) 4-Chlorotoluene	11.51	91	1434228	56.883	ug/l	99
83) tert-Butylbenzene	11.77	119	1667484	57.226	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1601825	56.802	ug/l	100
85) sec-Butylbenzene	11.94	105	1932160	58.286	ug/l	100
86) p-Isopropyltoluene	12.07	119	1738250	58.233	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	919807	56.749	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	917881	55.794	ug/l	99
89) n-Butylbenzene	12.39	91	1501937	58.970	ug/l	100
90) Hexachloroethane	12.60	117	343720	56.498	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	890714	55.371	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	133813	49.711	ug/l	98

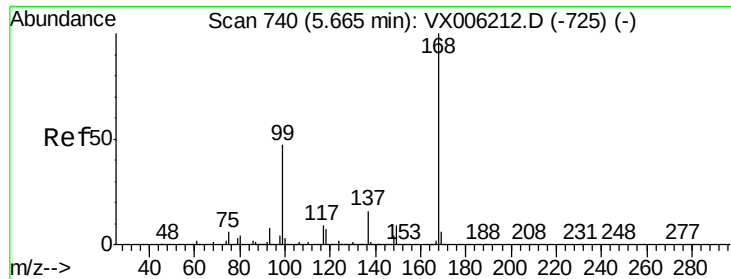
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120418\
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ClientSampleId :
VSTDCCC050

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	660696	56.297	ug/l	99
94) Hexachlorobutadiene	13.79	225	314344	60.566	ug/l	99
95) Naphthalene	13.83	128	1995208	54.654	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	653049	56.181	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX006268.D

Acq: 04 Dec 2018 10:14

Instrument :

MSVOA_X

ClientSampleId :

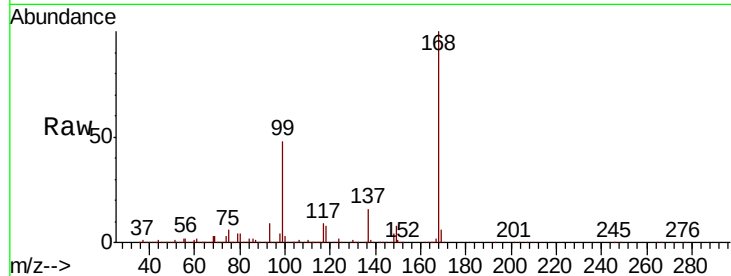
VSTDCCC050

Tot Ion:168 Resp: 709387

Ion Ratio Lower Upper

168 100

99 47.4 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

250000

200000

150000

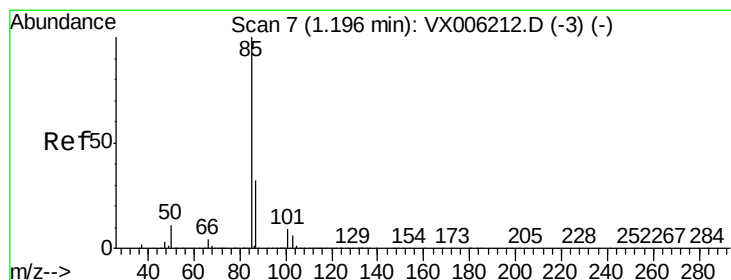
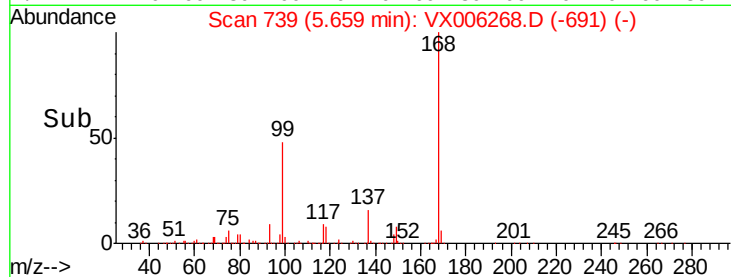
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 58.321 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006268.D

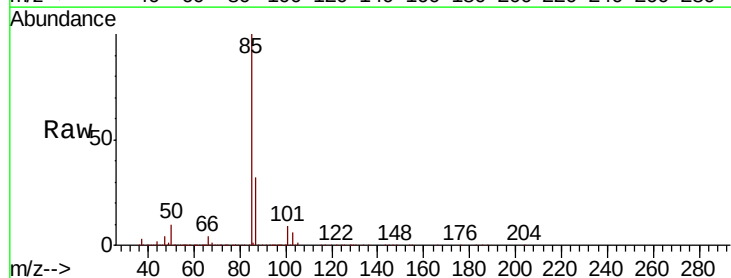
Acq: 04 Dec 2018 10:14

Tgt Ion: 85 Resp: 405088

Ion Ratio Lower Upper

85 100

87 32.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

400000

300000

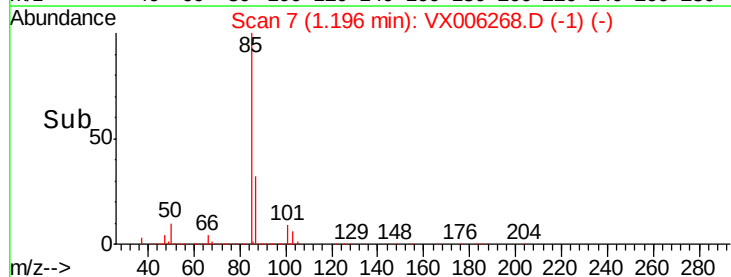
200000

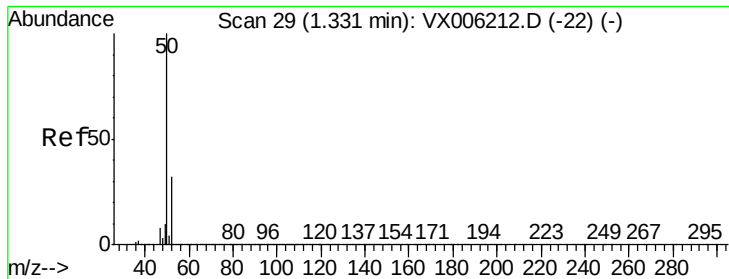
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Time-->

1.15 1.20 1.25 1.30

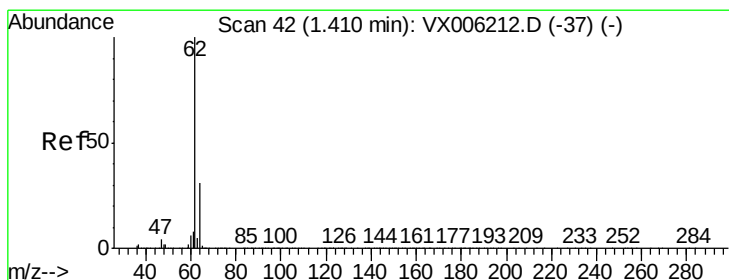
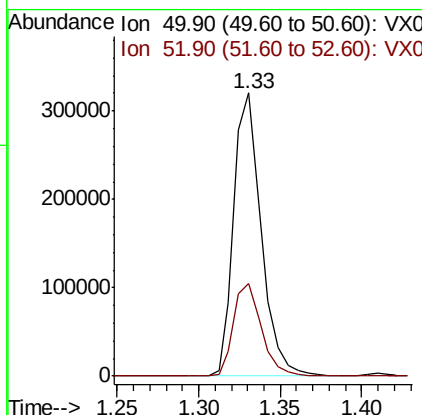
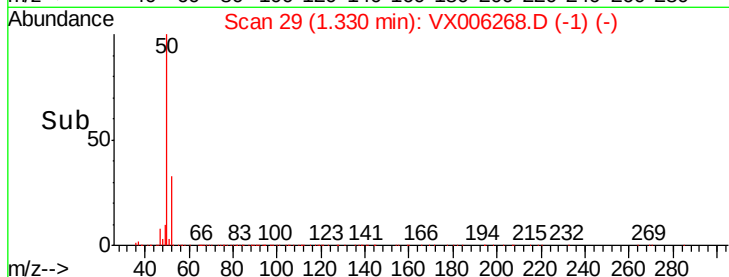
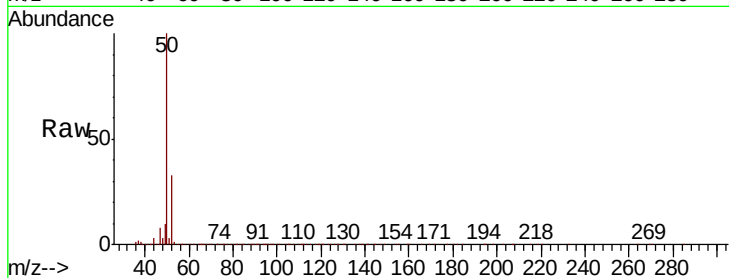




#3
Chloromethane
Concen: 52.498 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX006268.D
Acq: 04 Dec 2018 10:14

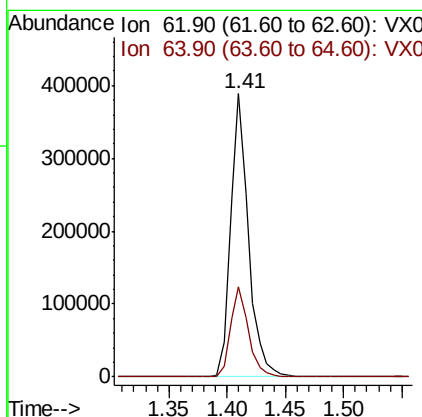
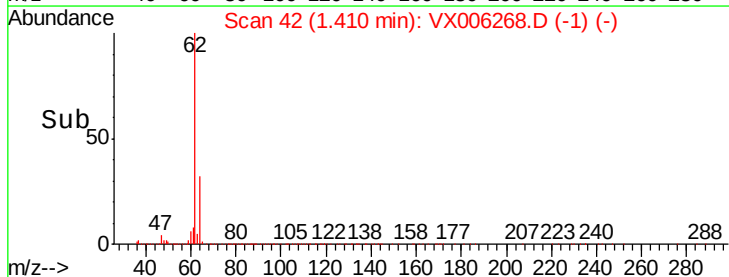
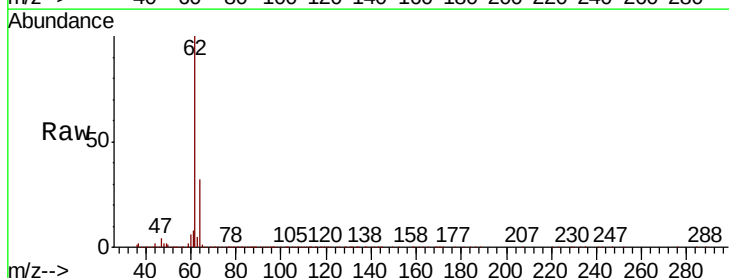
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

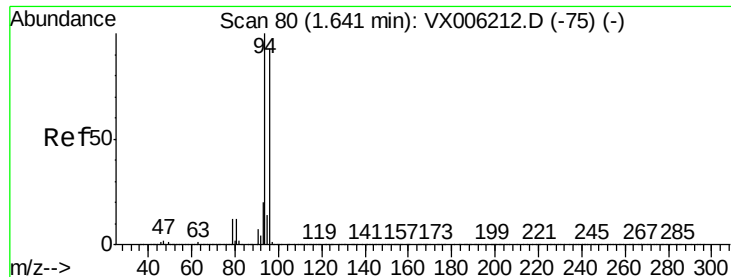
Tot Ion: 50 Resp: 374724
Ion Ratio Lower Upper
50 100
52 32.9 25.2 37.8



#4
Vinyl Chloride
Concen: 53.632 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX006268.D
Acq: 04 Dec 2018 10:14

Tgt Ion: 62 Resp: 412011
Ion Ratio Lower Upper
62 100
64 31.6 24.9 37.3





#5

Bromomethane

Concen: 56.961 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX006268.D

Acq: 04 Dec 2018 10:14

Instrument :

MSVOA_X

ClientSampleId :

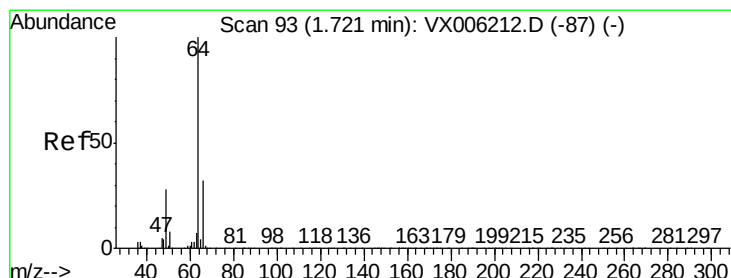
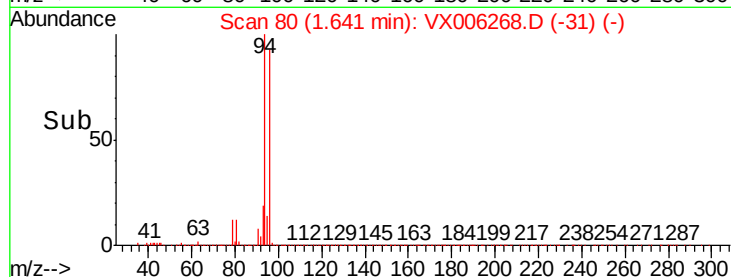
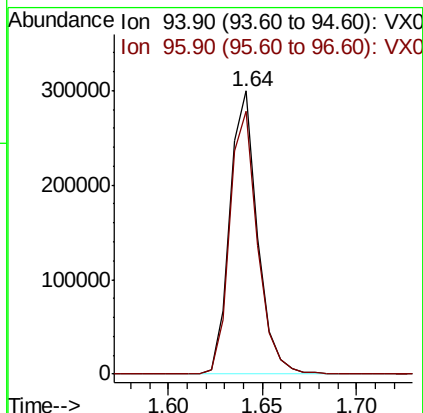
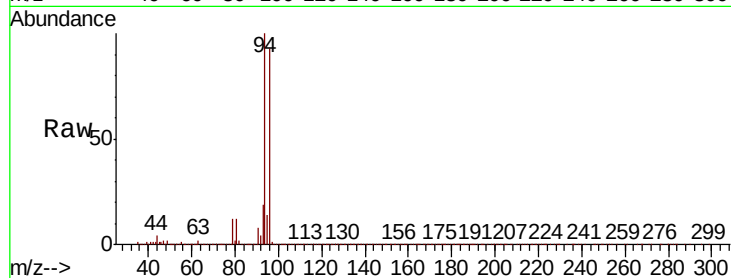
VSTDCCC050

Tot Ion: 94 Resp: 303259

Ion Ratio Lower Upper

94 100

96 93.0 74.5 111.7



#6

Chloroethane

Concen: 53.623 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX006268.D

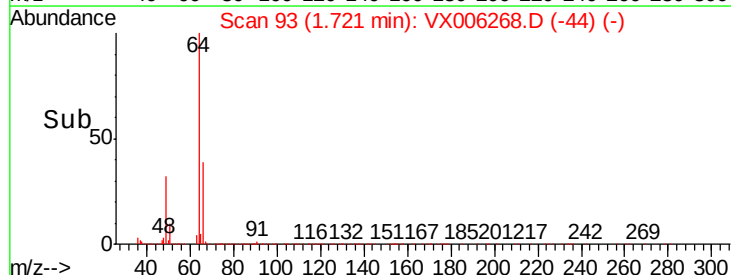
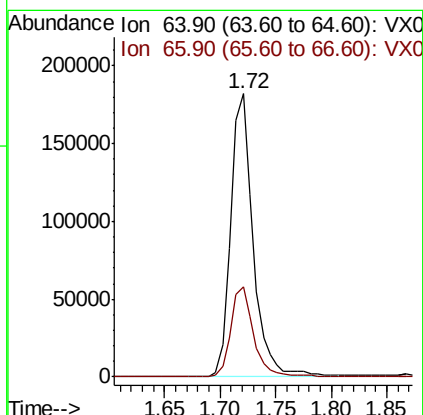
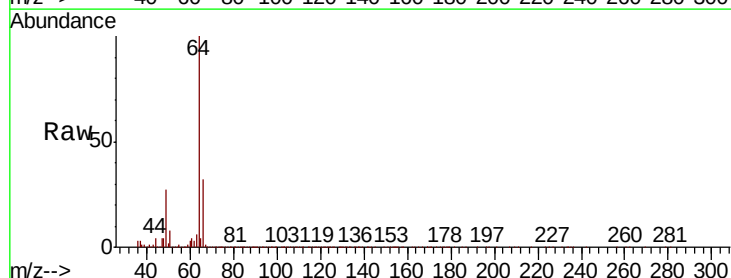
Acq: 04 Dec 2018 10:14

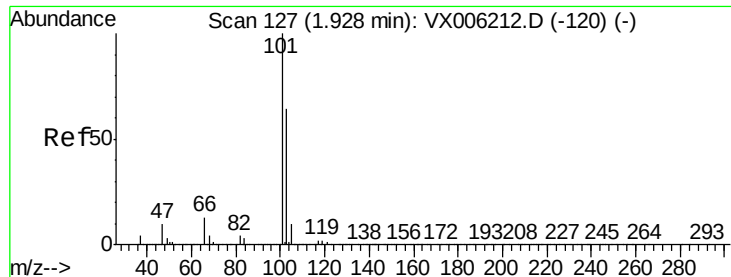
Tgt Ion: 64 Resp: 252576

Ion Ratio Lower Upper

64 100

66 31.7 25.9 38.9



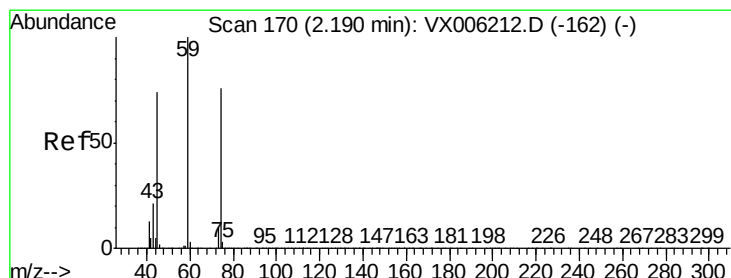
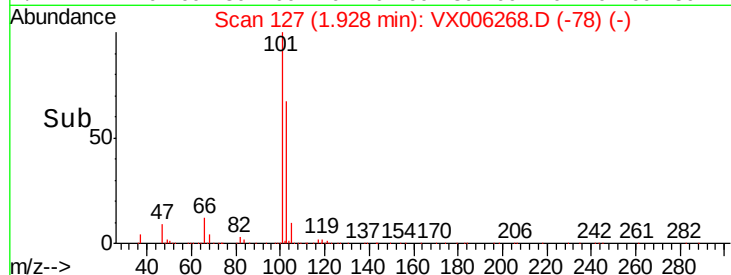
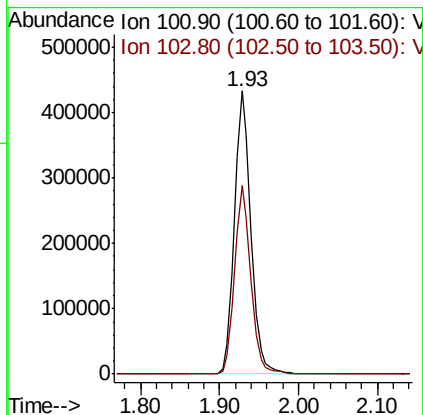
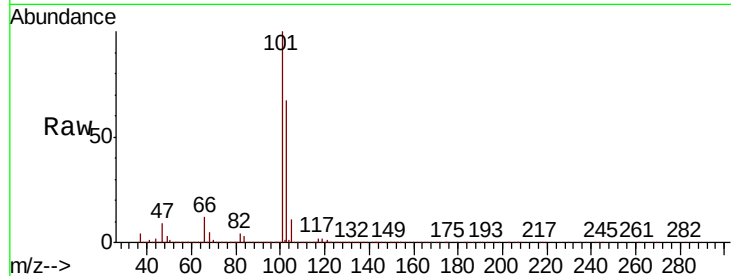


#7

Trichlorofluoromethane
Concen: 53.690 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX006268.D
Acq: 04 Dec 2018 10:14

Instrument :
MSVOA_X
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VSTDCCC050

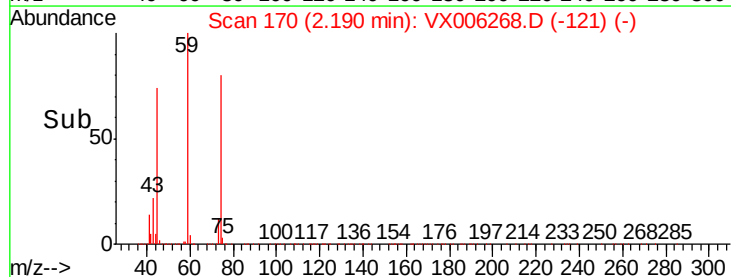
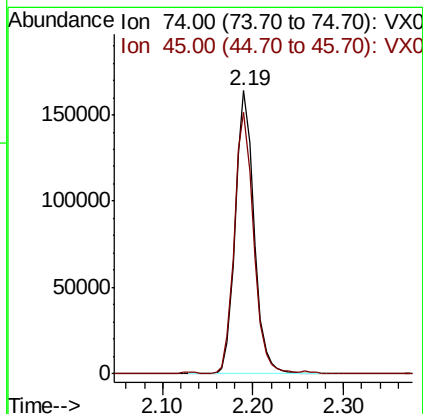
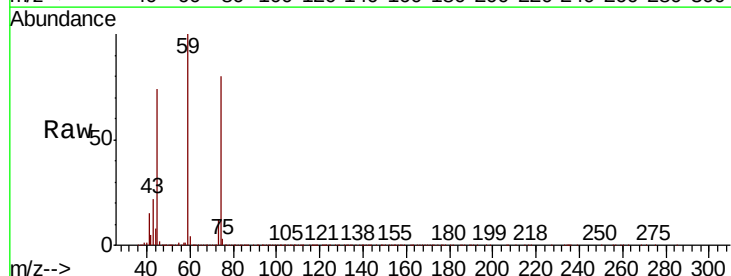
Tot Ion:101 Resp: 633127
Ion Ratio Lower Upper
101 100
103 66.7 51.0 76.4

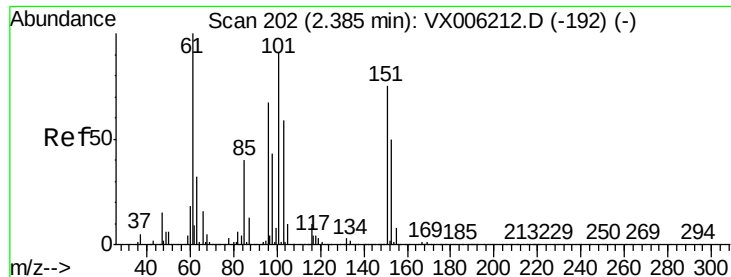


#8

Diethyl Ether
Concen: 52.902 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006268.D
Acq: 04 Dec 2018 10:14

Tgt Ion: 74 Resp: 236099
Ion Ratio Lower Upper
74 100
45 94.3 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.626 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006268.D

Acq: 04 Dec 2018 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

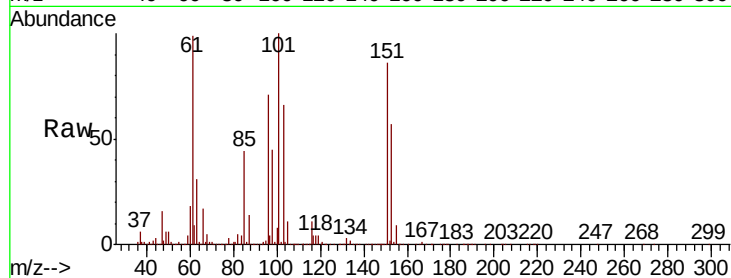
Tot Ion:101 Resp: 372988

Ion Ratio Lower Upper

101 100

85 42.9 35.5 53.3

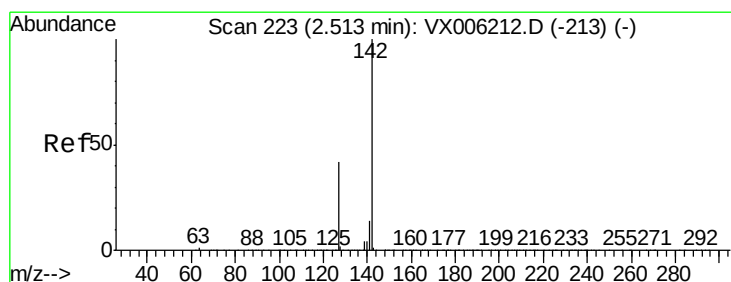
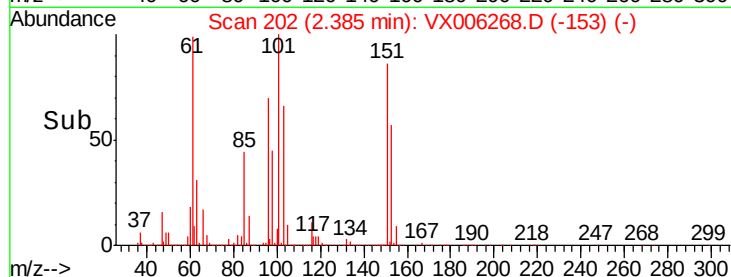
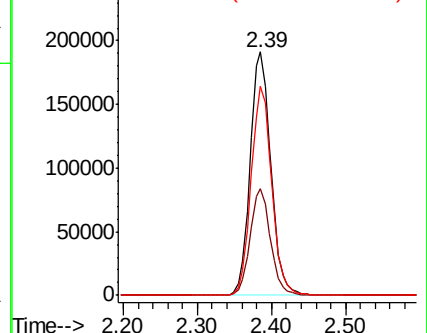
151 85.5 68.6 103.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 55.413 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX006268.D

Acq: 04 Dec 2018 10:14

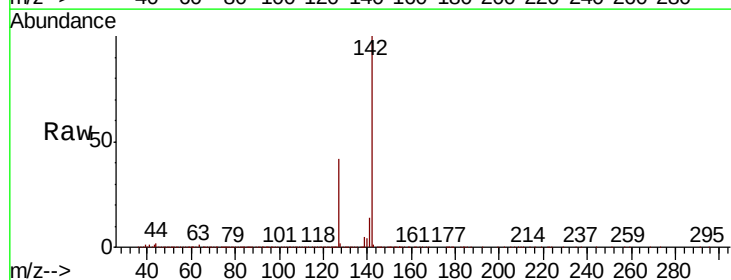
Tgt Ion:142 Resp: 559960

Ion Ratio Lower Upper

142 100

127 42.4 34.8 52.2

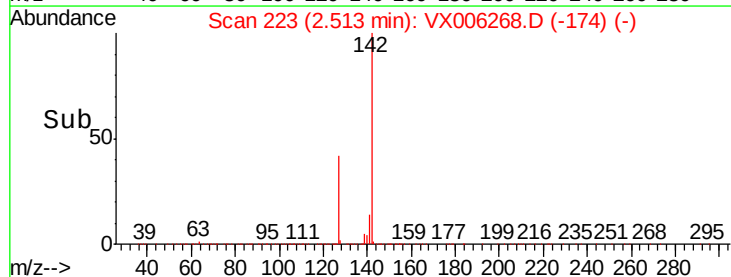
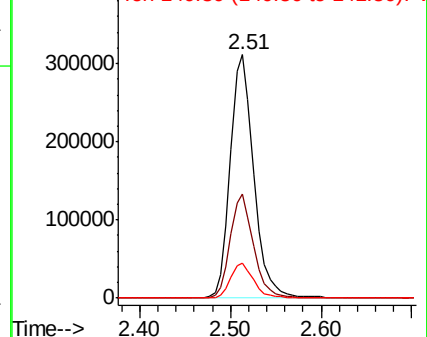
141 13.9 11.4 17.2

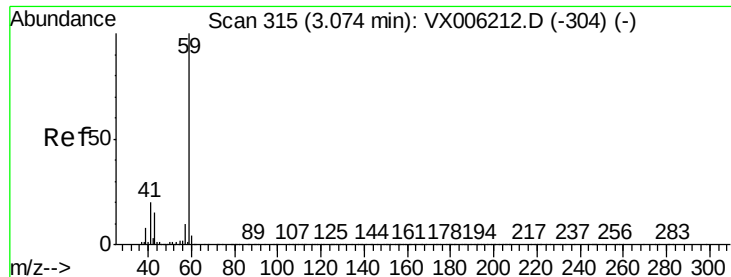


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



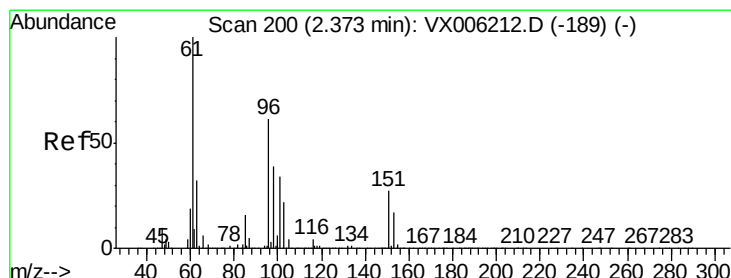
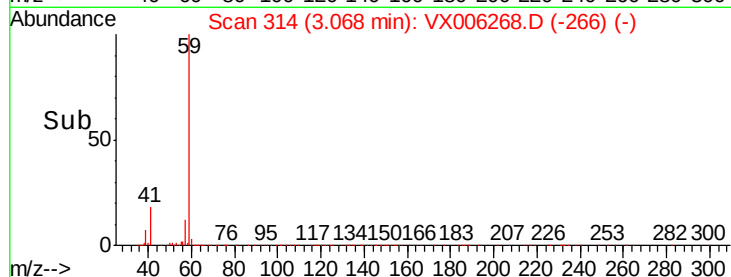
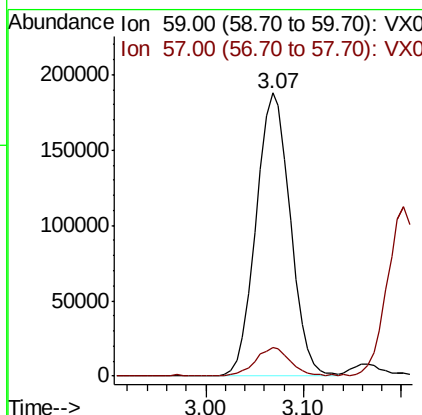
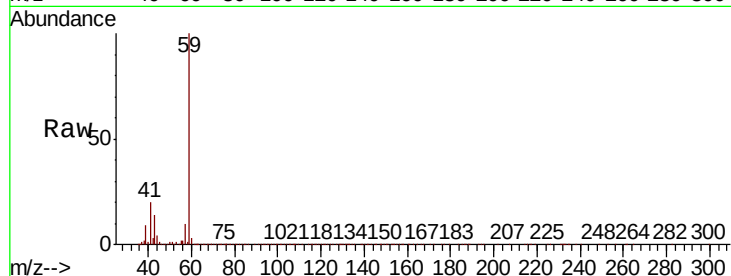


#11

Tert butyl alcohol
Concen: 230.290 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006268.D
Acq: 04 Dec 2018 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

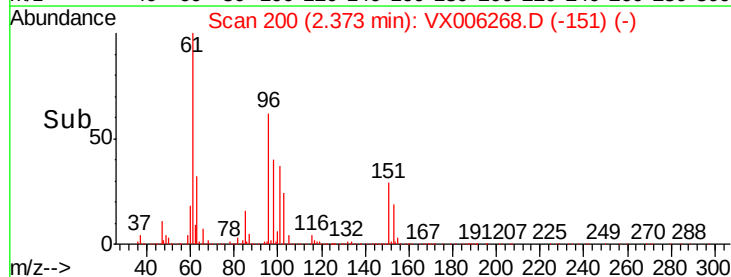
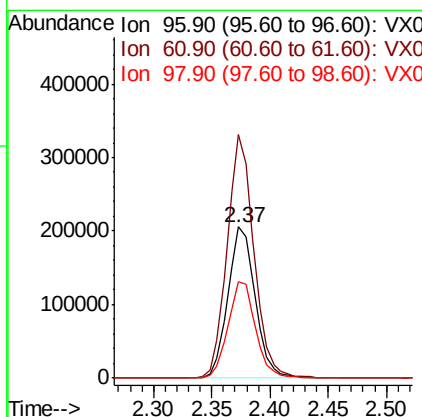
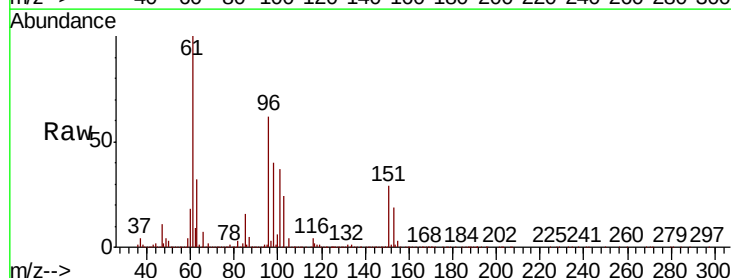
Tot Ion: 59 Resp: 456077
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.2

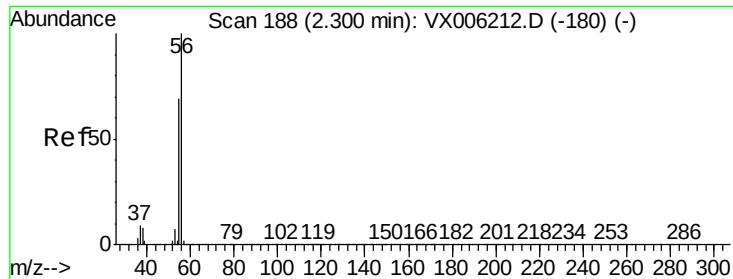


#12

1,1-Dichloroethene
Concen: 52.356 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006268.D
Acq: 04 Dec 2018 10:14

Tgt Ion: 96 Resp: 336071
Ion Ratio Lower Upper
96 100
61 161.1 131.7 197.5
98 63.9 51.8 77.6

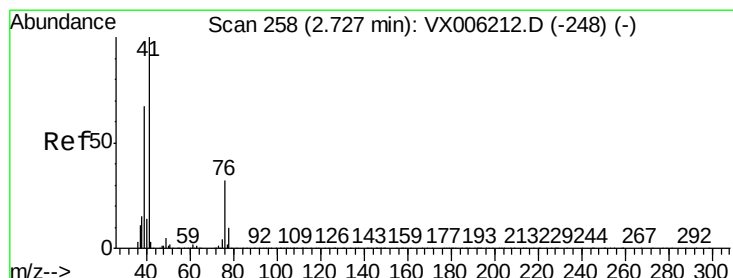
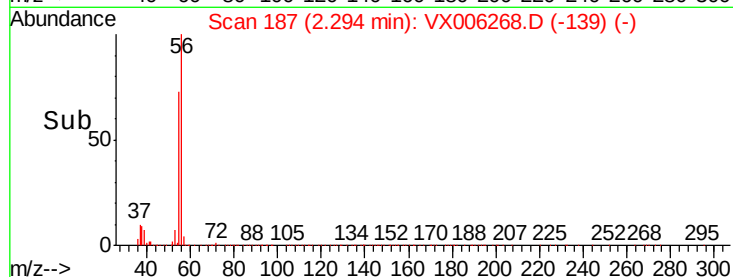
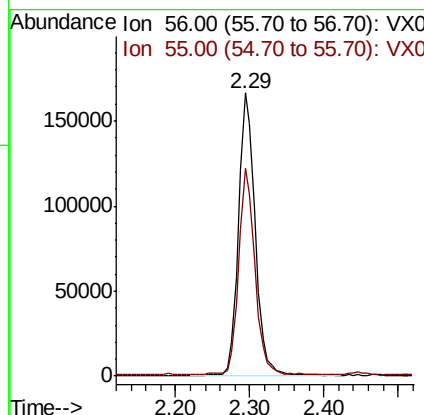
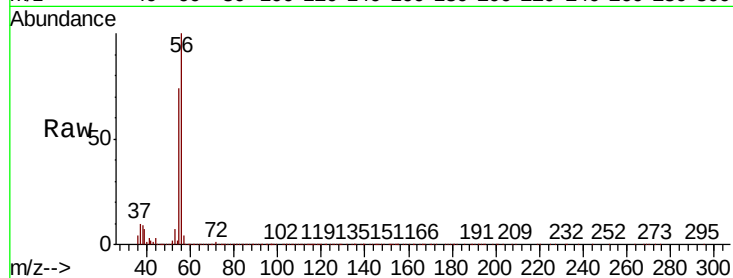




#13
 Acrolein
 Concen: 240.792 ug/l
 RT: 2.29 min Scan# 187
 Delta R.T. -0.01 min
 Lab File: VX006268.D
 Acq: 04 Dec 2018 10:14

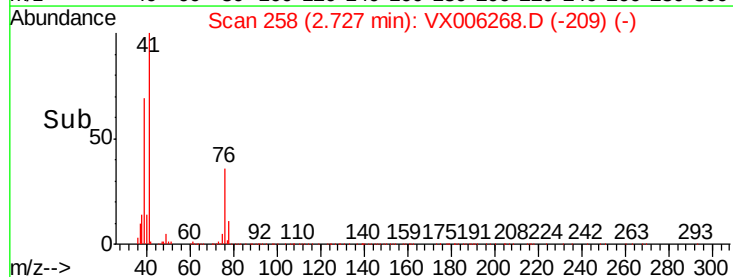
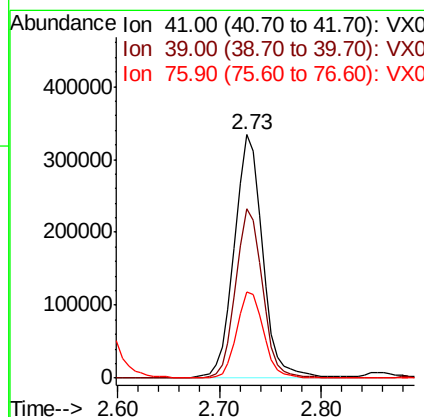
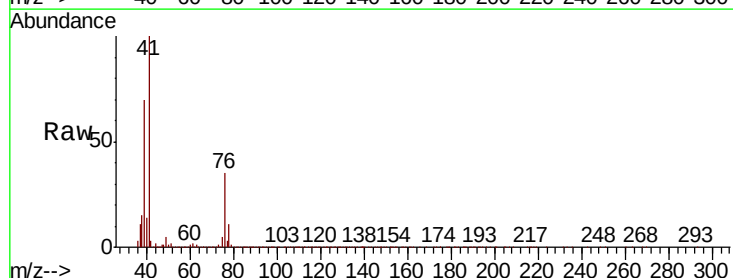
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

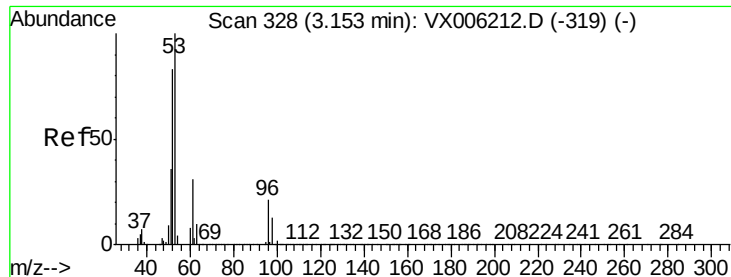
Tot Ion: 56 Resp: 260642
 Ion Ratio Lower Upper
 56 100
 55 72.2 57.8 86.6



#14
 Allyl chloride
 Concen: 50.081 ug/l
 RT: 2.73 min Scan# 258
 Delta R.T. -0.00 min
 Lab File: VX006268.D
 Acq: 04 Dec 2018 10:14

Tgt Ion: 41 Resp: 635034
 Ion Ratio Lower Upper
 41 100
 39 65.9 52.4 78.6
 76 33.7 25.4 38.0





#15

Acrylonitrile

Concen: 245.673 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX006268.D

Acq: 04 Dec 2018 10:14

Instrument :

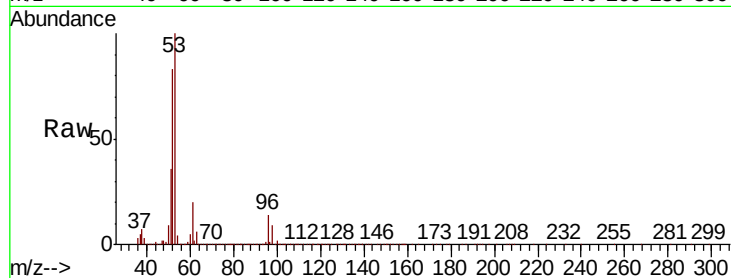
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 1015295

Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.2	99.4
51	36.0	28.7	43.1

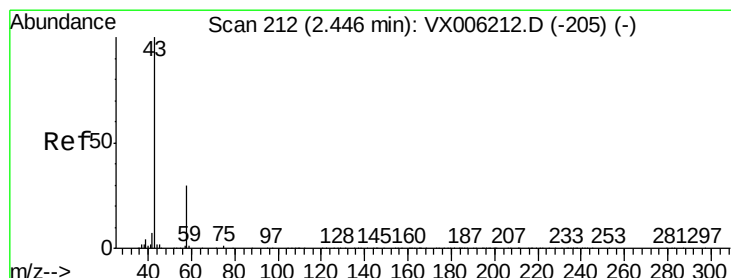
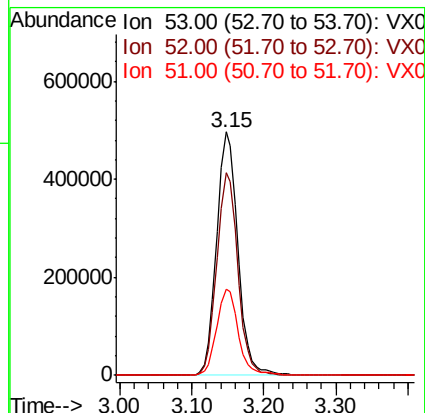
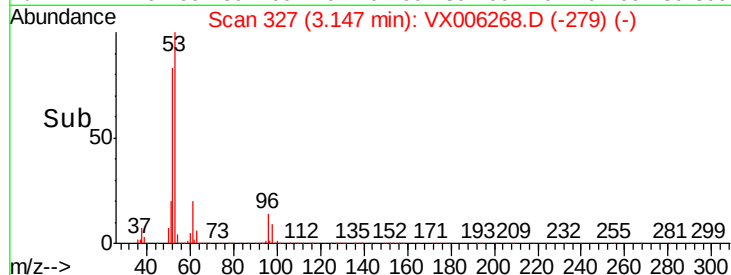


Abundance

Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 235.703 ug/l

RT: 2.45 min Scan# 212

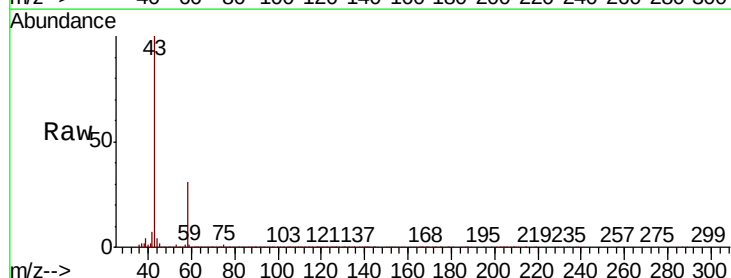
Delta R.T. -0.00 min

Lab File: VX006268.D

Acq: 04 Dec 2018 10:14

Tgt Ion: 43 Resp: 801031

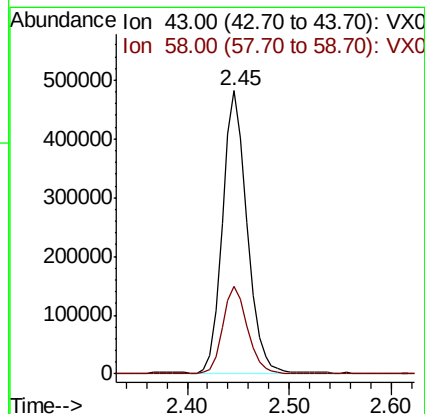
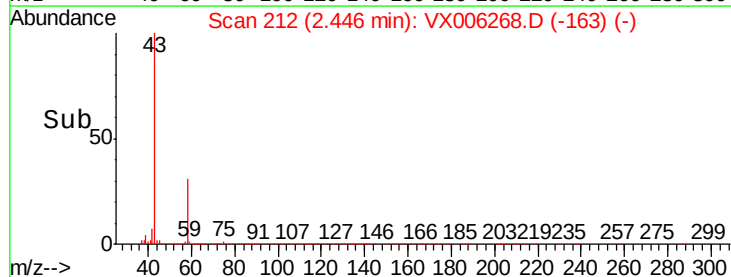
Ion	Ratio	Lower	Upper
43	100		
58	31.1	24.0	36.0

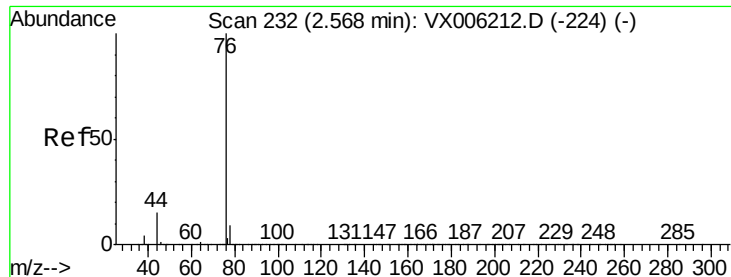


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 50.537 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX006268.D

Acq: 04 Dec 2018 10:14

Instrument :

MSVOA_X

ClientSampleId :

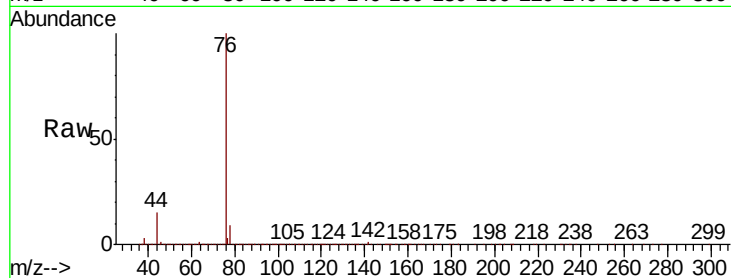
VSTDCCC050

Tot Ion: 76 Resp: 999608

Ion Ratio Lower Upper

76 100

78 9.3 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

600000

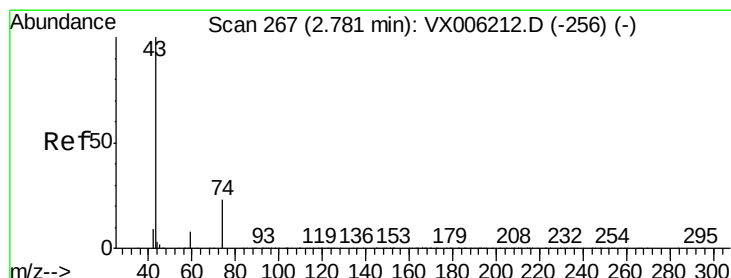
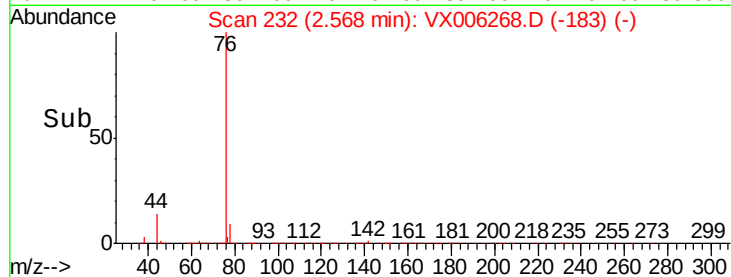
400000

200000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 50.188 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX006268.D

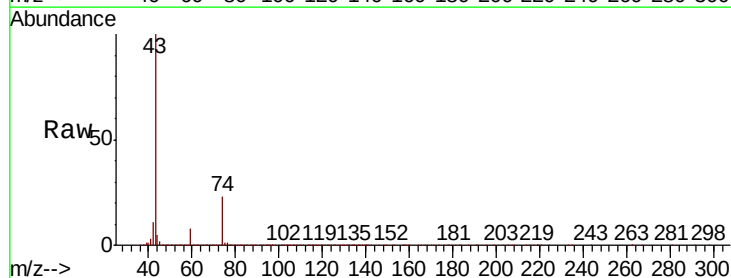
Acq: 04 Dec 2018 10:14

Tgt Ion: 43 Resp: 570396

Ion Ratio Lower Upper

43 100

74 23.2 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

300000

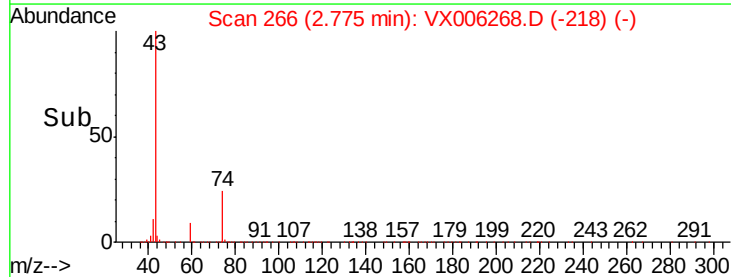
200000

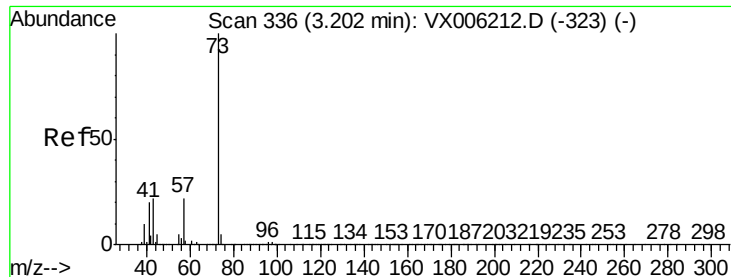
100000

0

2.70 2.80

Time-->





#19

Methyl tert-butyl Ether
 Concen: 52.002 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX006268.D
 Acq: 04 Dec 2018 10:14

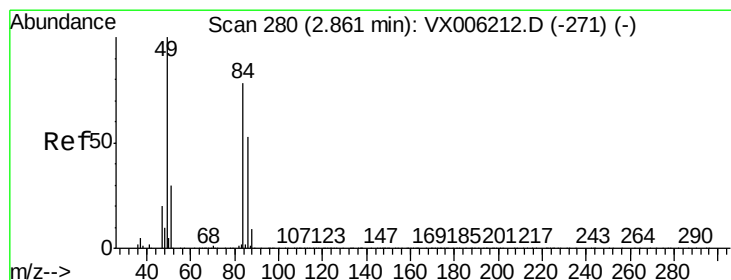
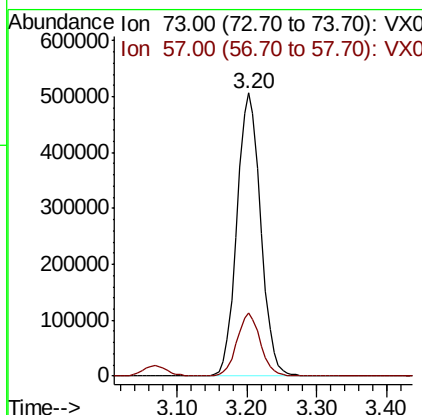
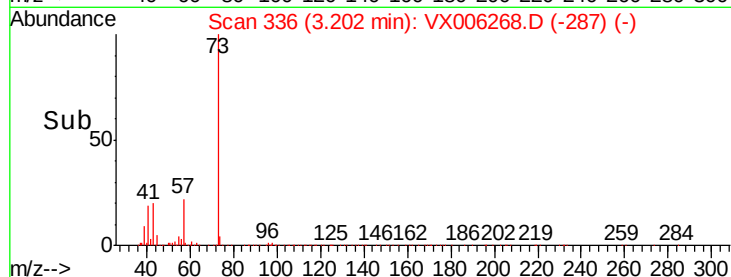
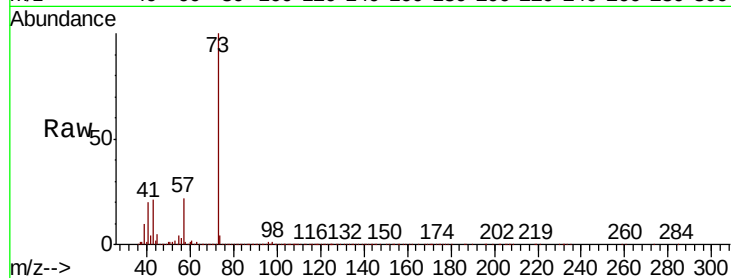
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 73 Resp: 1190788

Ion Ratio Lower Upper

73 100

57 22.1 17.5 26.3



#20

Methylene Chloride
 Concen: 51.390 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX006268.D
 Acq: 04 Dec 2018 10:14

Tgt Ion: 84 Resp: 371693

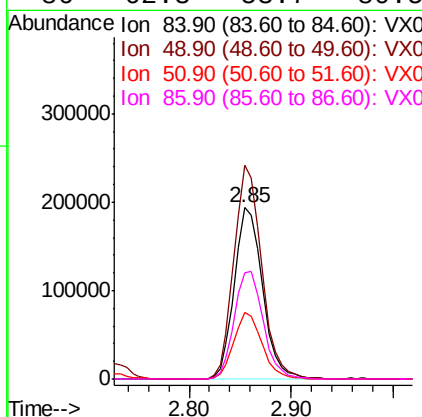
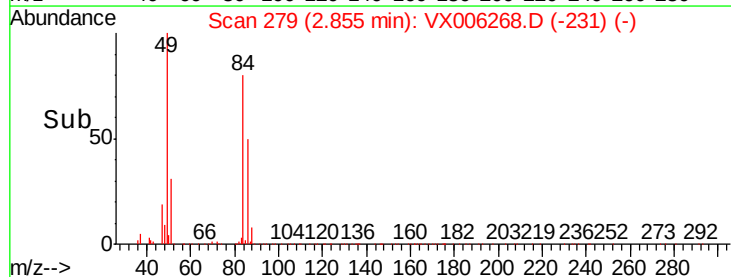
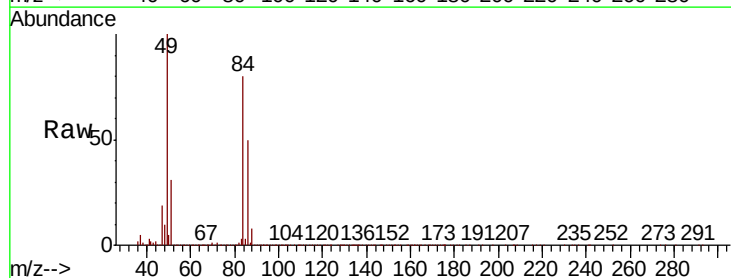
Ion Ratio Lower Upper

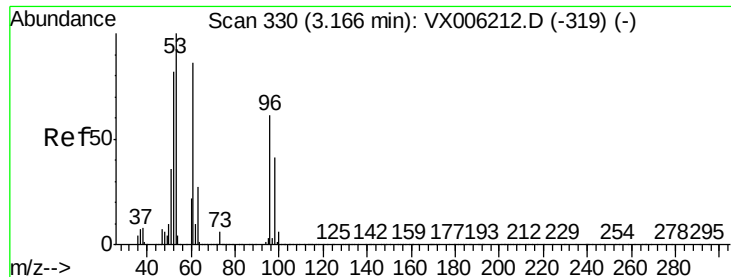
84 100

49 124.8 102.2 153.4

51 38.7 31.1 46.7

86 62.3 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 52.232 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006268.D

Acq: 04 Dec 2018 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

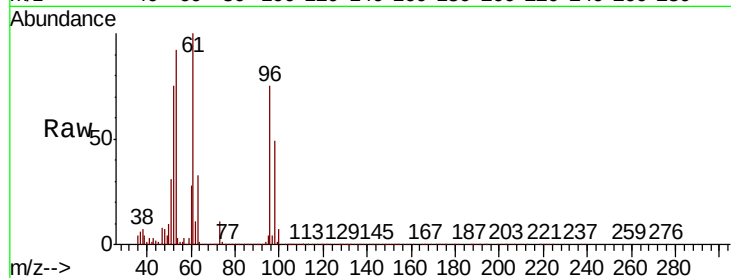
Tot Ion: 96 Resp: 357294

Ion Ratio Lower Upper

96 100

61 133.4 113.3 169.9

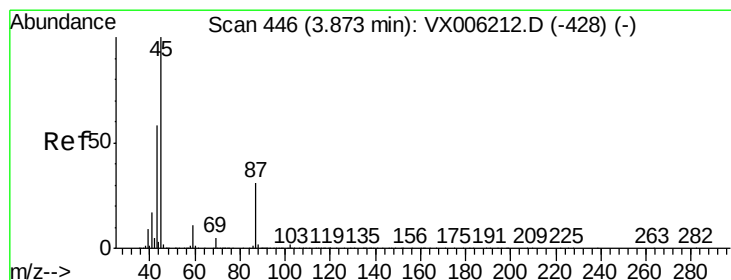
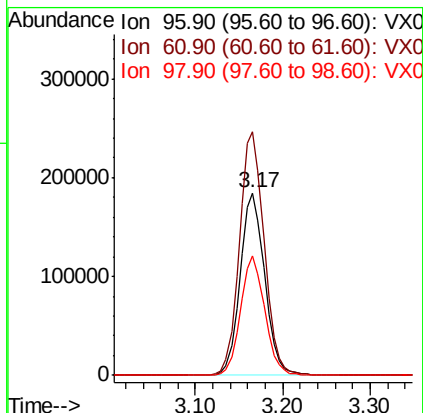
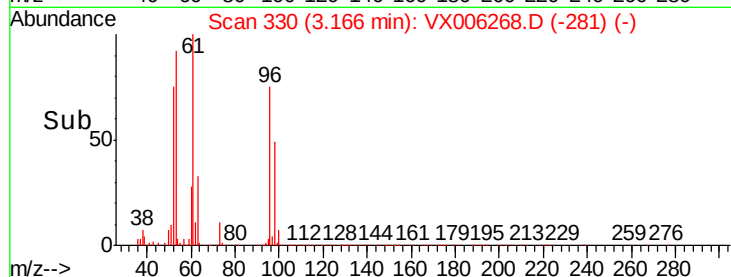
98 65.6 53.2 79.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 53.932 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX006268.D

Acq: 04 Dec 2018 10:14

Tgt Ion: 45 Resp: 1068160

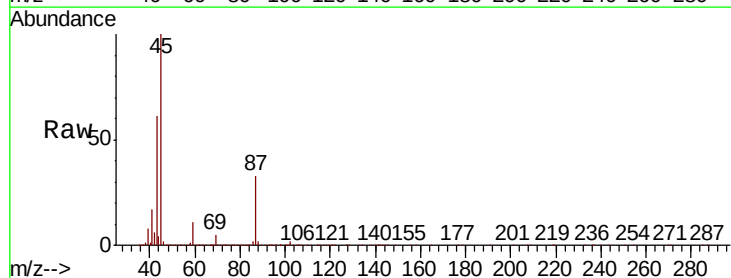
Ion Ratio Lower Upper

45 100

43 60.4 46.2 69.2

87 32.7 24.9 37.3

59 11.1 9.1 13.7

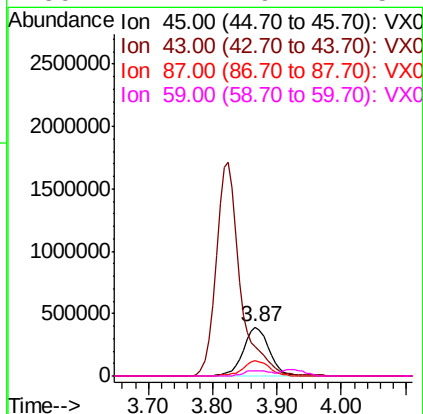
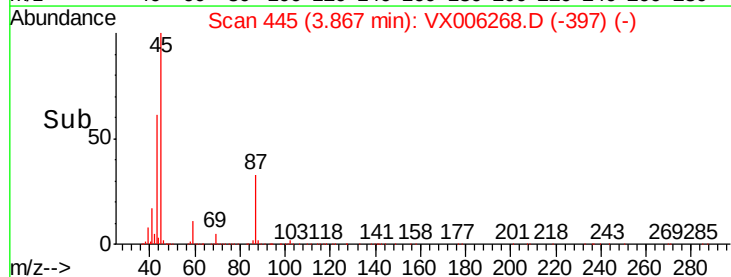


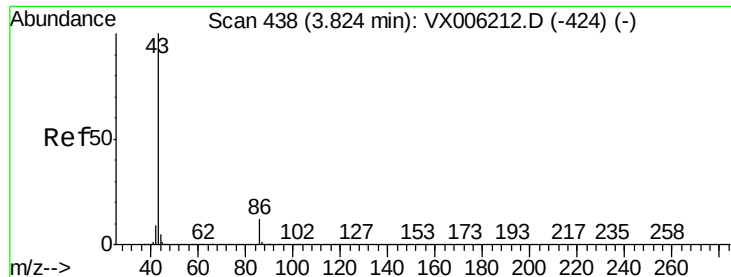
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 266.525 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006268.D

Acq: 04 Dec 2018 10:14

Instrument :

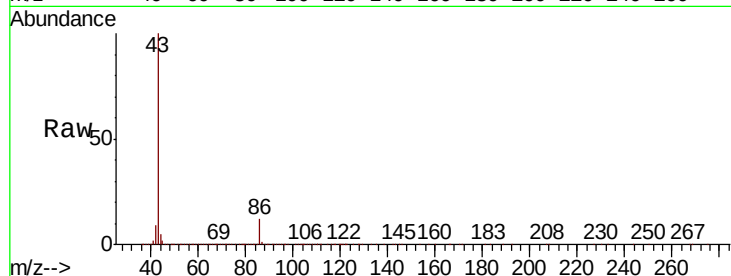
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 4502295

Ion	Ratio	Lower	Upper
43	100		
86	11.6	9.4	14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

1500000

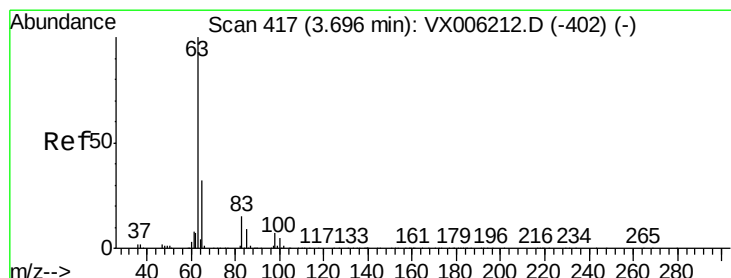
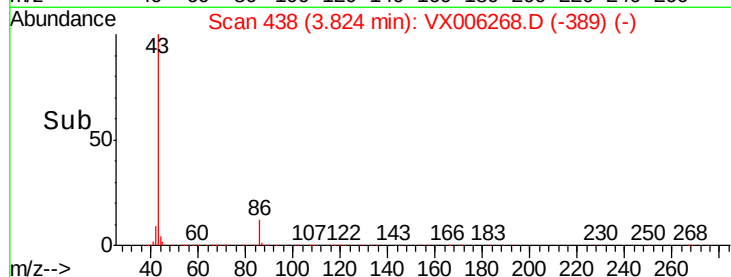
1000000

500000

0

3.70 3.80 3.90 4.00 4.10

Time-->



#24

1,1-Dichloroethane

Concen: 56.301 ug/l

RT: 3.70 min Scan# 417

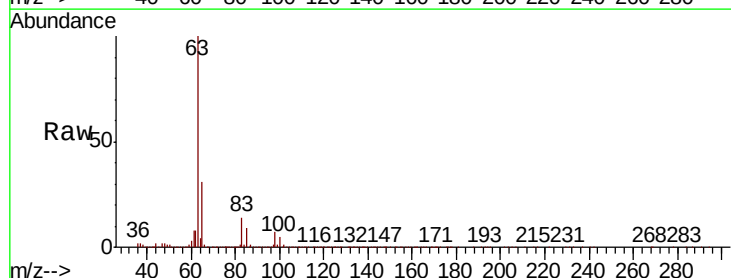
Delta R.T. -0.00 min

Lab File: VX006268.D

Acq: 04 Dec 2018 10:14

Tgt Ion: 63 Resp: 637349

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.8	11.4
100	4.5	2.5	7.4



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

300000

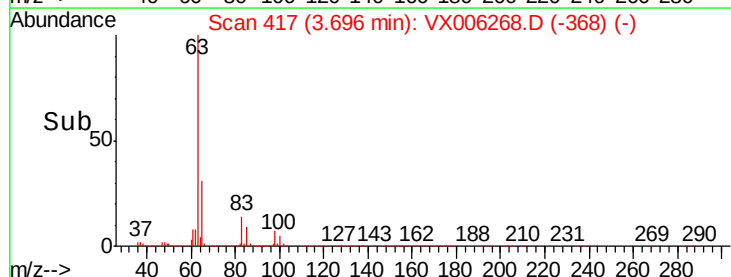
200000

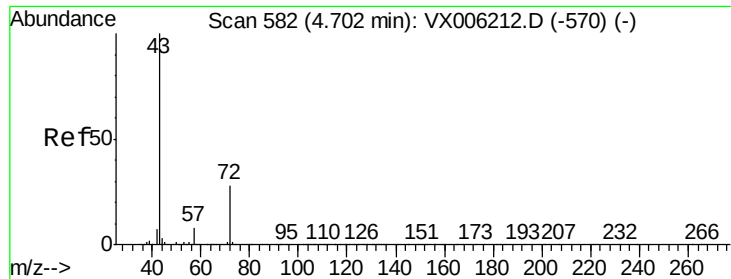
100000

0

3.60 3.70 3.80

Time-->

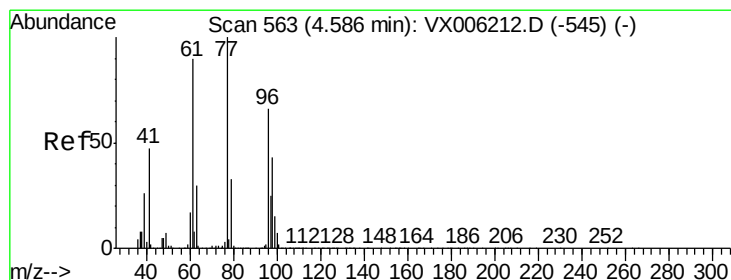
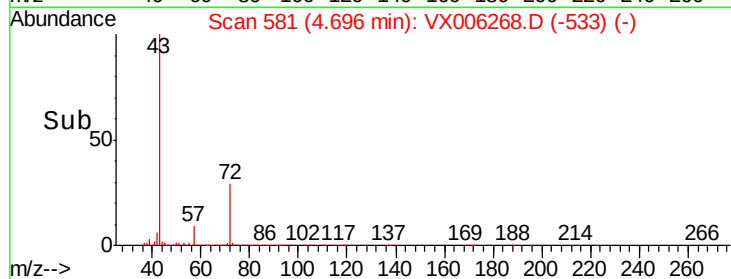
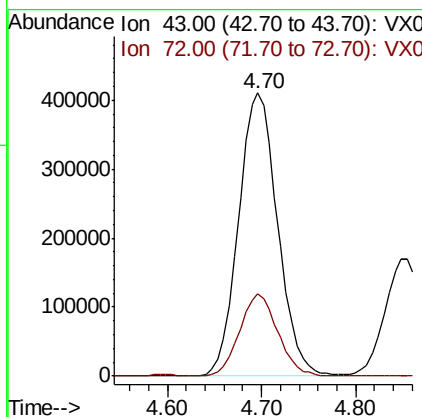
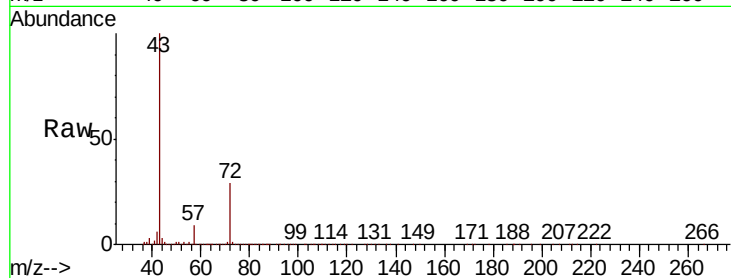




#25
2-Butanone
Concen: 244.922 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX006268.D
Acq: 04 Dec 2018 10:14

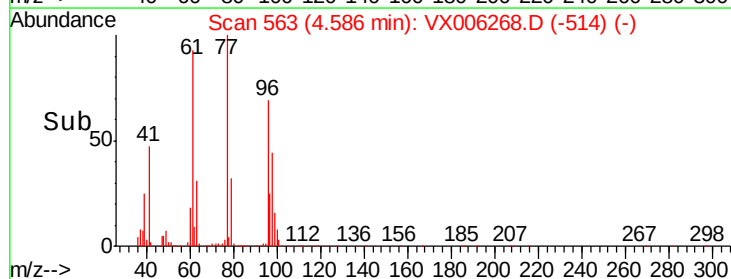
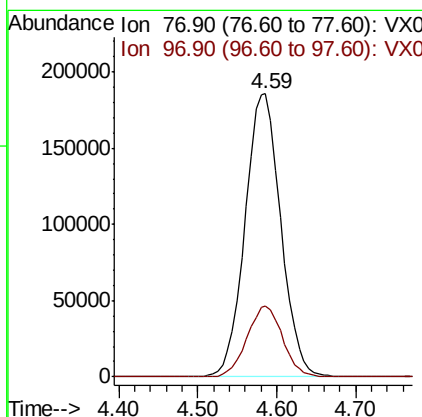
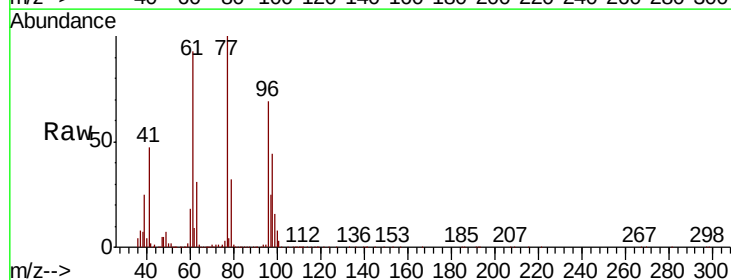
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

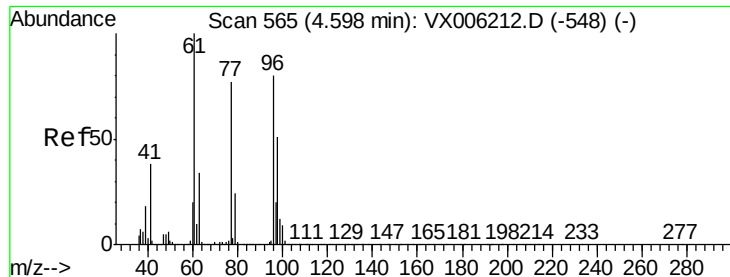
Tot Ion: 43 Resp: 1187665
Ion Ratio Lower Upper
43 100
72 28.8 22.6 33.8



#26
2,2-Dichloropropane
Concen: 55.881 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.00 min
Lab File: VX006268.D
Acq: 04 Dec 2018 10:14

Tgt Ion: 77 Resp: 583815
Ion Ratio Lower Upper
77 100
97 24.9 12.3 36.8



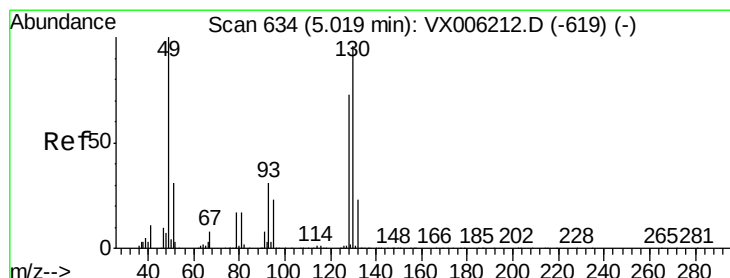
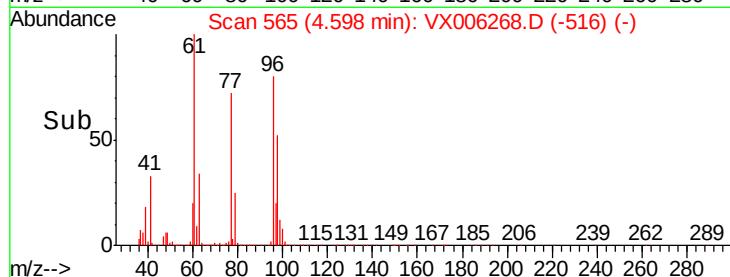
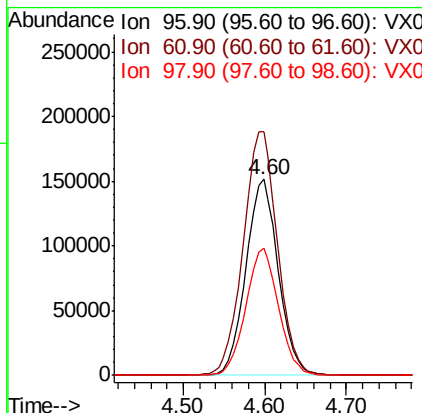
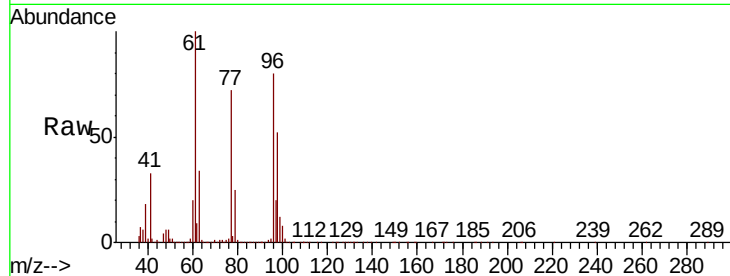


#27

cis-1,2-Dichloroethene
Concen: 54.854 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006268.D
Acq: 04 Dec 2018 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

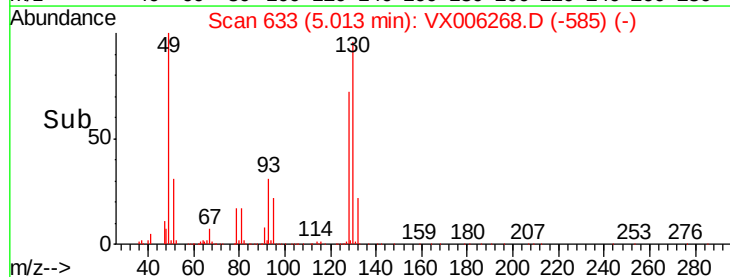
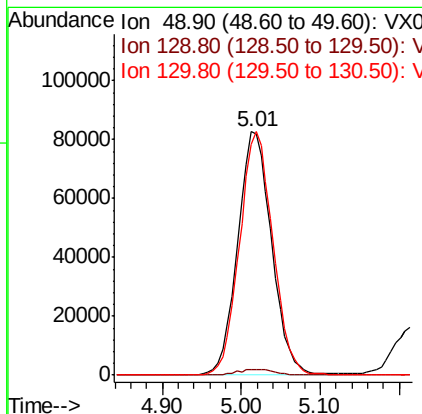
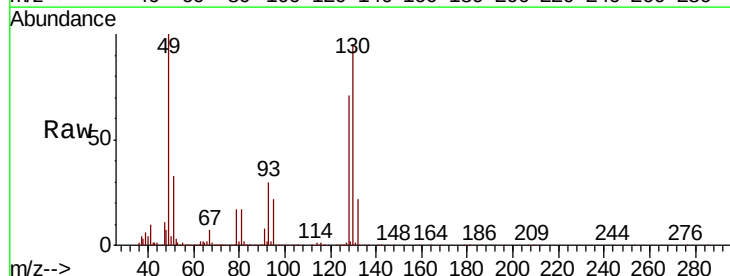
Tot Ion	Ratio	Lower	Upper
96	100		
61	131.7	0.0	265.0
98	65.5	0.0	130.2

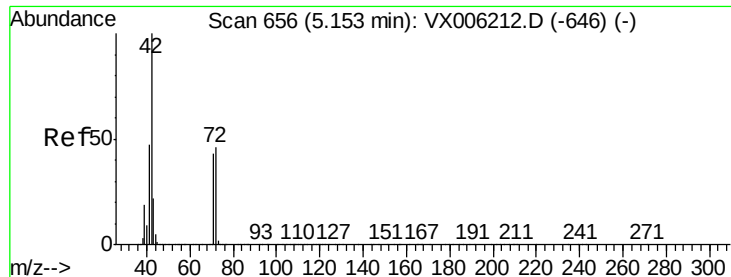


#28

Bromochloromethane
Concen: 50.011 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX006268.D
Acq: 04 Dec 2018 10:14

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.0
130	98.4	78.3	117.5

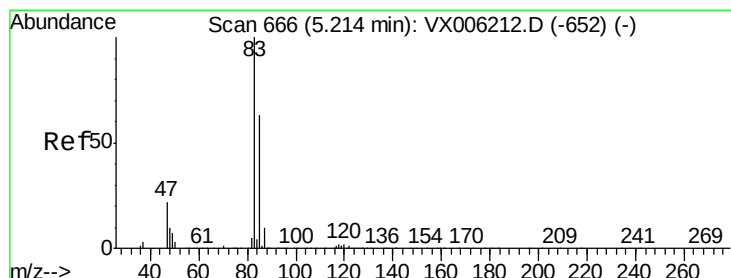
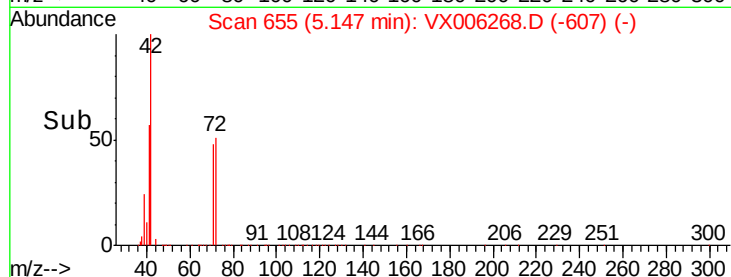
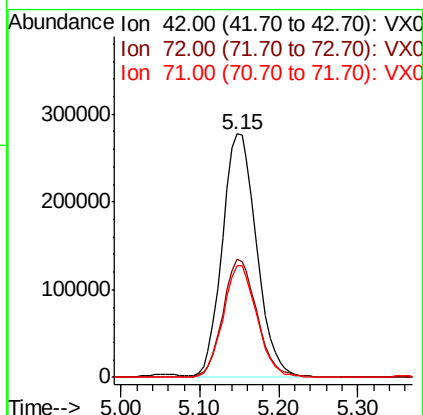
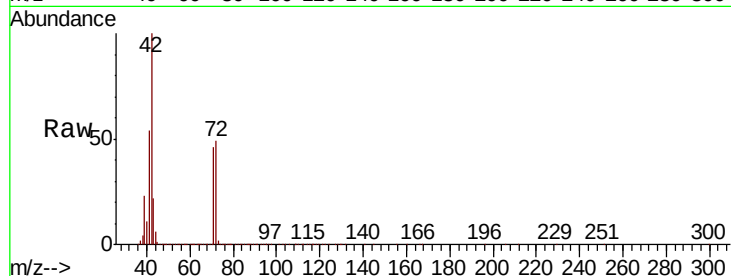




#29
Tetrahydrofuran
Concen: 248.672 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX006268.D
Acq: 04 Dec 2018 10:14

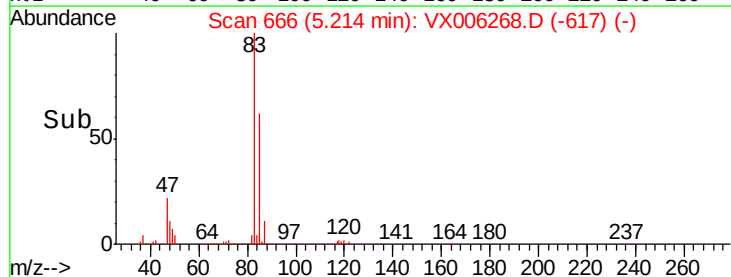
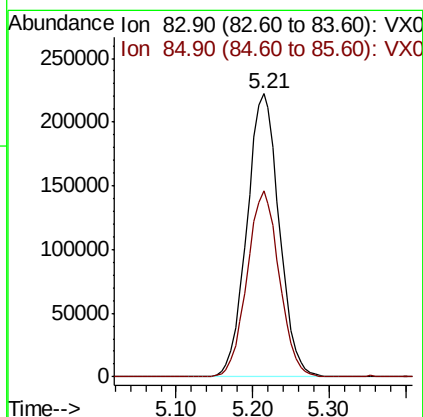
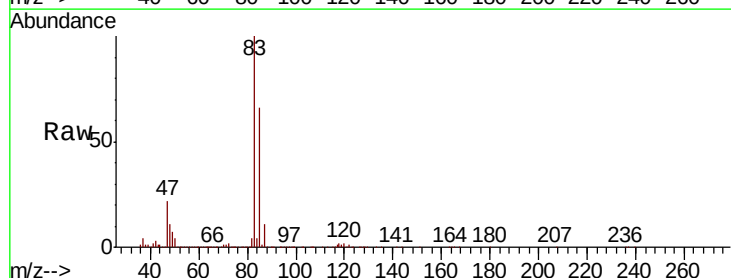
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

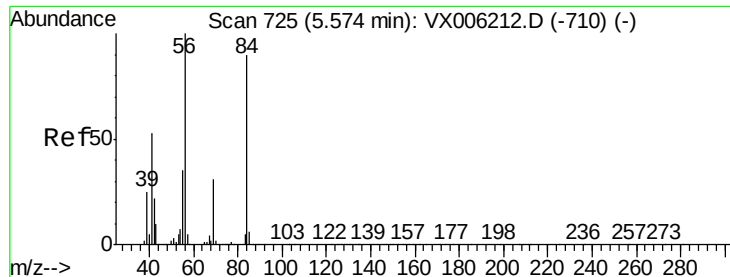
Tot Ion: 42 Resp: 838064
Ion Ratio Lower Upper
42 100
72 48.2 37.8 56.8
71 45.1 35.2 52.8



#30
Chloroform
Concen: 54.993 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006268.D
Acq: 04 Dec 2018 10:14

Tgt Ion: 83 Resp: 654212
Ion Ratio Lower Upper
83 100
85 65.5 50.3 75.5

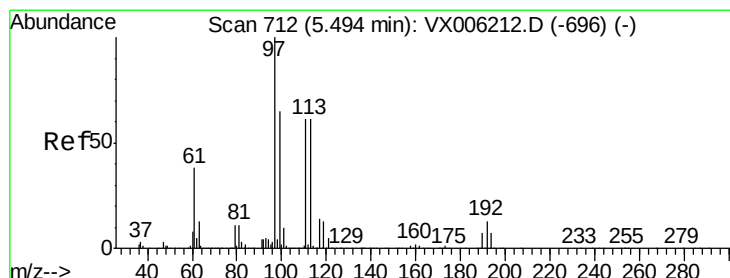
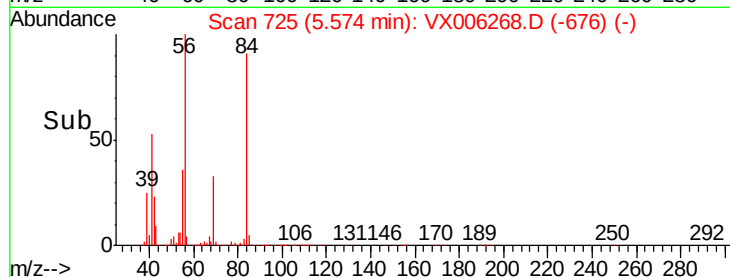
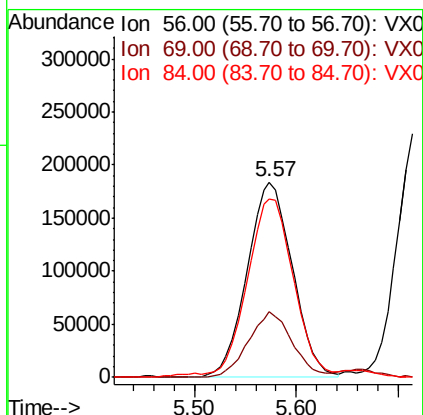
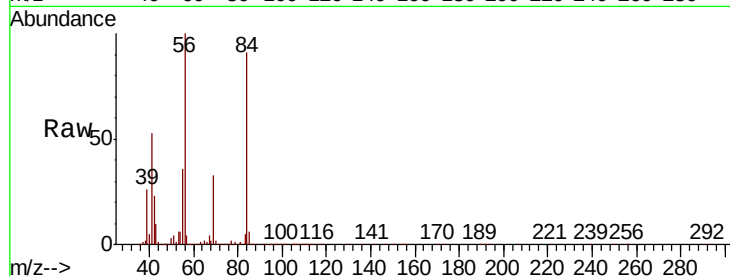




#31
Cyclohexane
Concen: 53.739 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006268.D
Acq: 04 Dec 2018 10:14

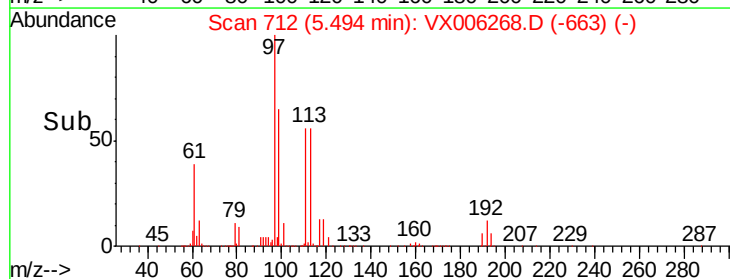
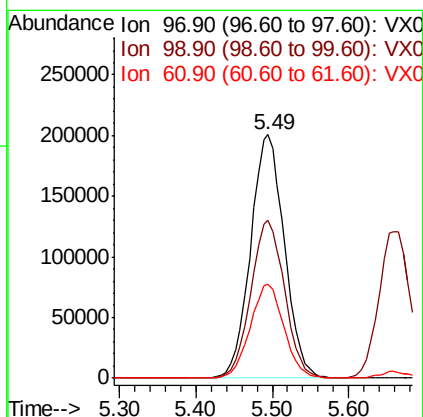
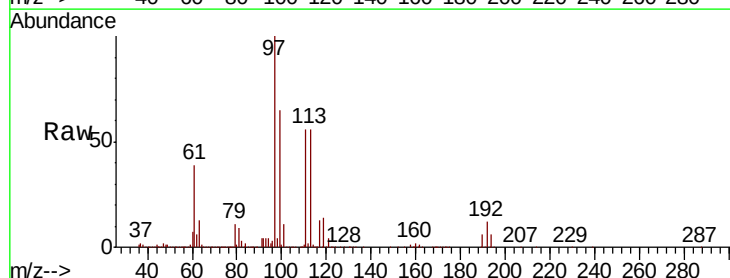
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

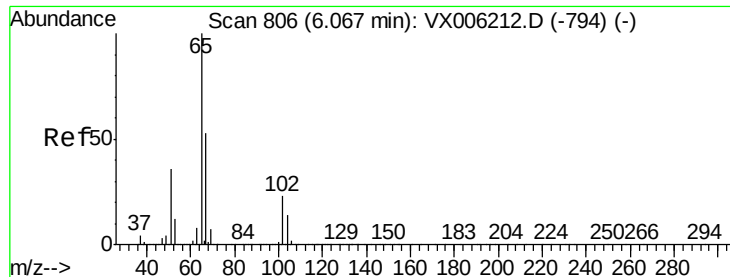
Tot Ion: 56 Resp: 562213
Ion Ratio Lower Upper
56 100
69 33.4 24.5 36.7
84 89.9 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 54.320 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006268.D
Acq: 04 Dec 2018 10:14

Tgt Ion: 97 Resp: 614843
Ion Ratio Lower Upper
97 100
99 64.9 51.6 77.4
61 38.4 30.6 46.0





#33

1,2-Dichloroethane-d4

Concen: 47.129 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX006268.D

Acq: 04 Dec 2018 10:14

Instrument :

MSVOA_X

ClientSampleId :

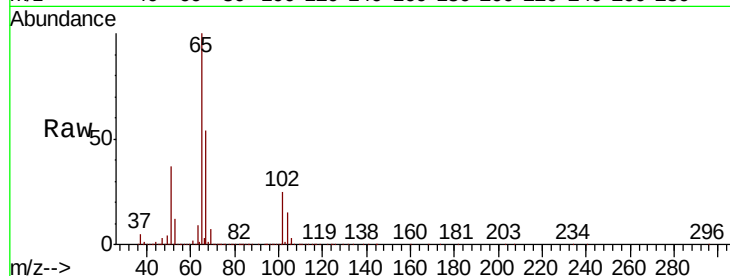
VSTDCCC050

Tot Ion: 65 Resp: 341295

Ion Ratio Lower Upper

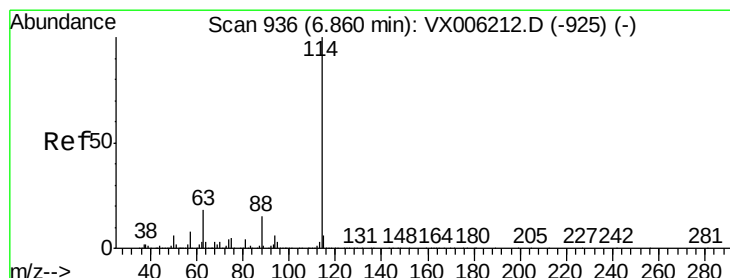
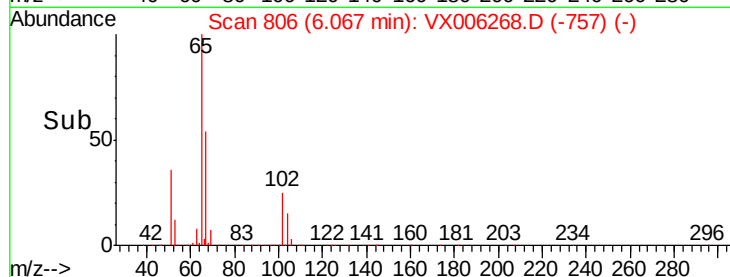
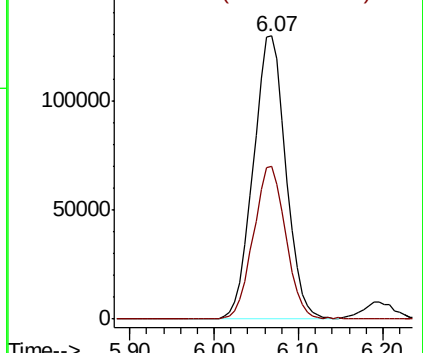
65 100

67 53.4 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006268.D

Acq: 04 Dec 2018 10:14

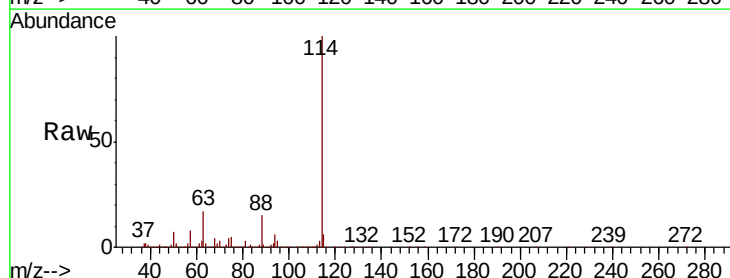
Tgt Ion: 114 Resp: 1023858

Ion Ratio Lower Upper

114 100

63 17.1 0.0 36.6

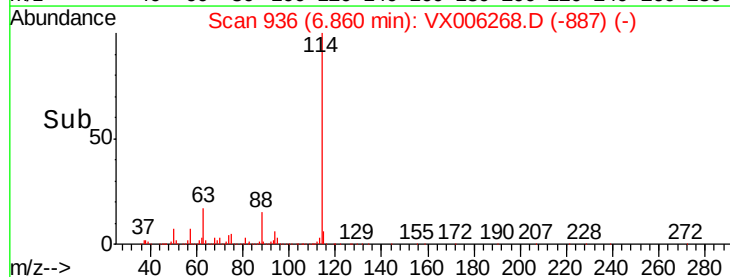
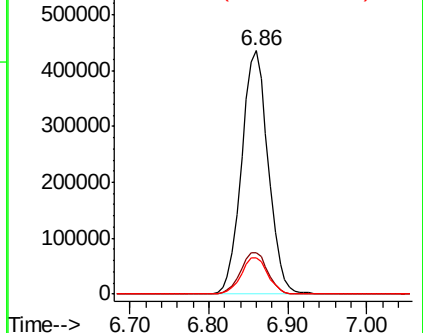
88 14.7 0.0 29.0

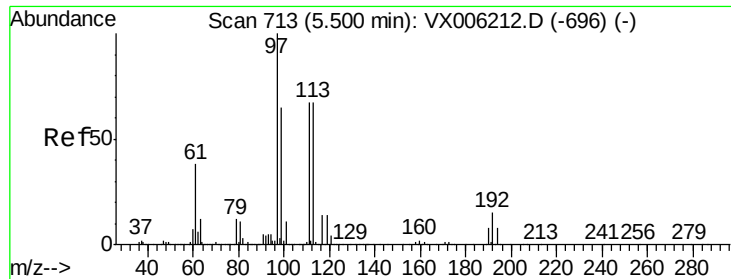


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.781 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006268.D

Acq: 04 Dec 2018 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

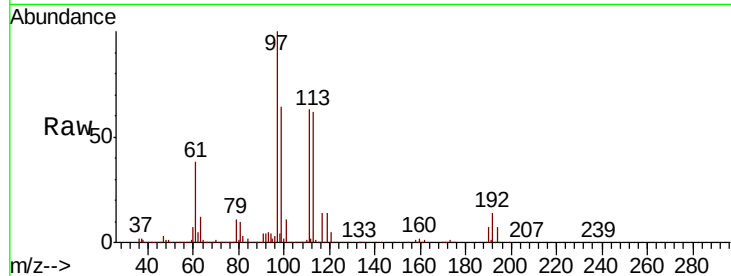
Tot Ion:113 Resp: 330003

Ion Ratio Lower Upper

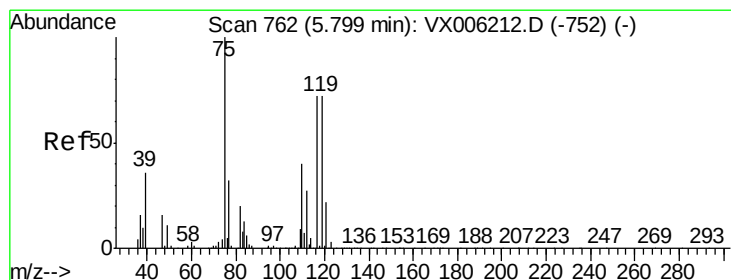
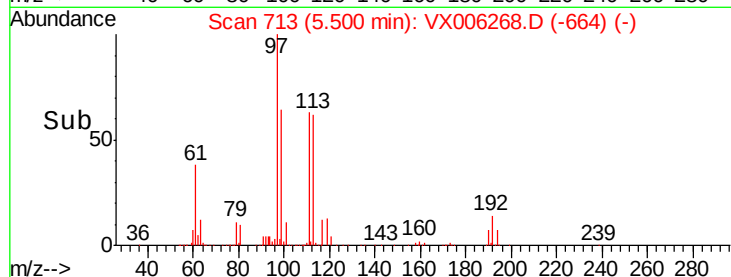
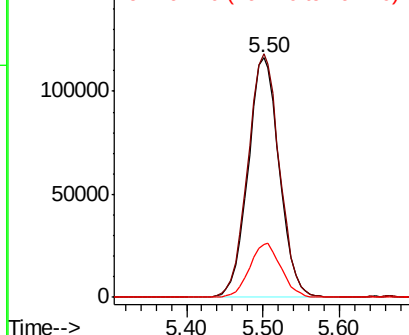
113 100

111 103.5 81.1 121.7

192 22.6 18.2 27.2



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 56.605 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX006268.D

Acq: 04 Dec 2018 10:14

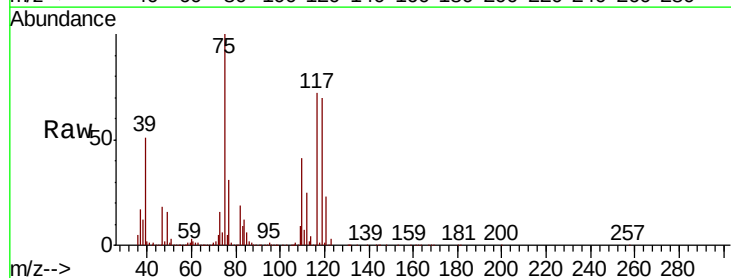
Tgt Ion: 75 Resp: 488044

Ion Ratio Lower Upper

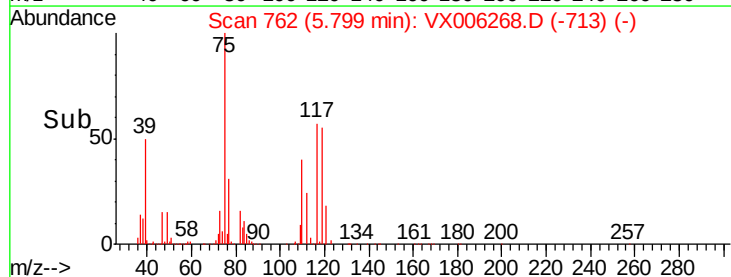
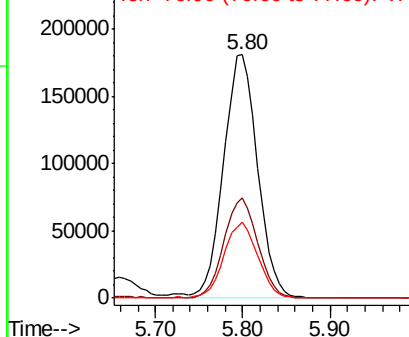
75 100

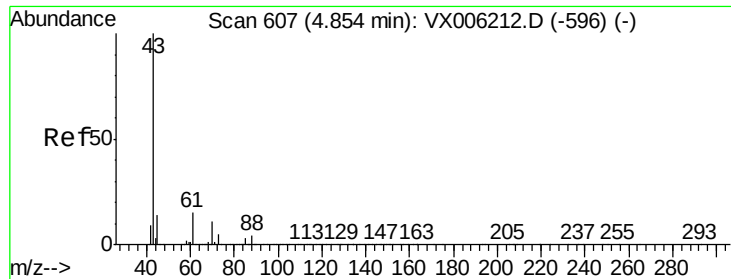
110 41.0 20.4 61.3

77 31.1 24.9 37.3



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

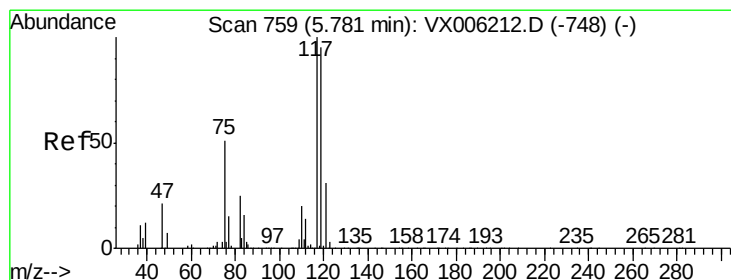
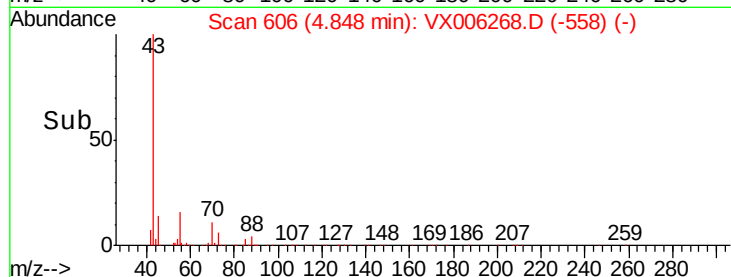
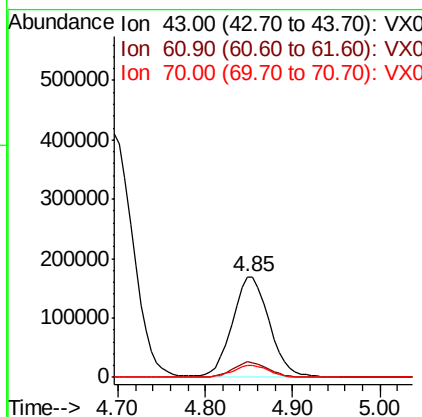
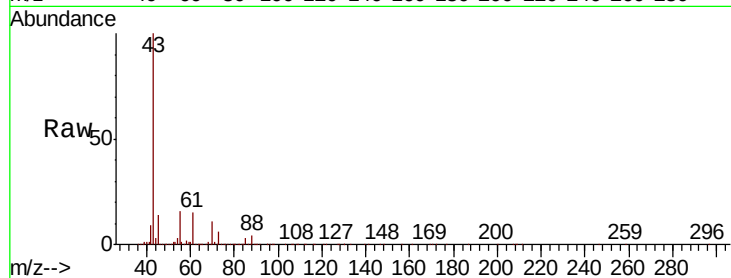




#37
Ethyl Acetate
Concen: 51.285 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX006268.D
Acq: 04 Dec 2018 10:14

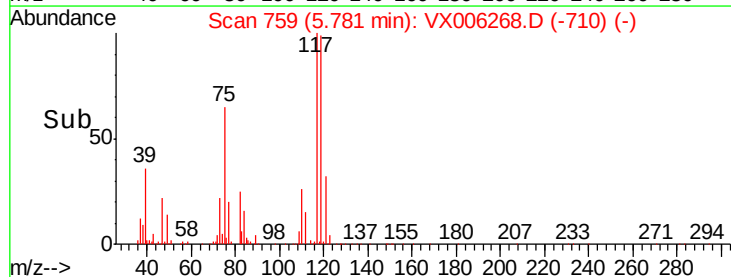
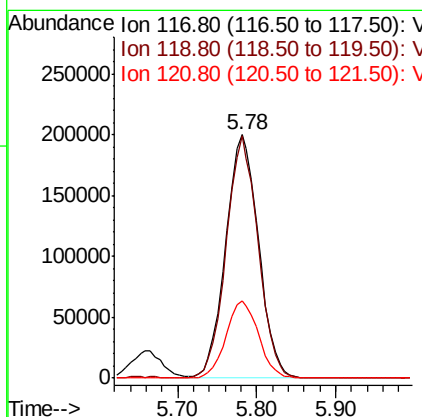
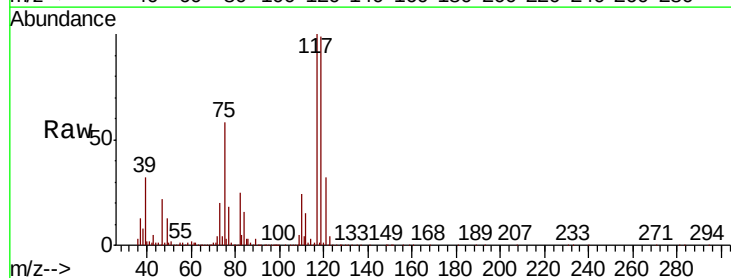
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

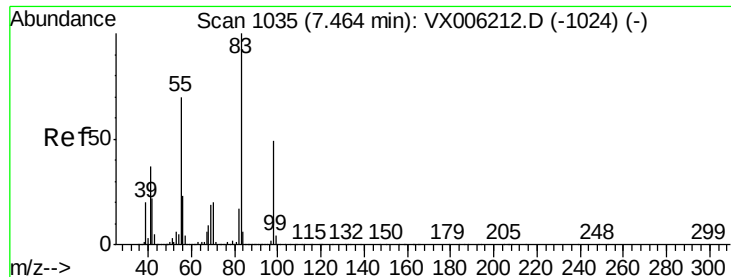
Tot Ion: 43 Resp: 495183
Ion Ratio Lower Upper
43 100
61 14.9 11.5 17.3
70 12.0 9.0 13.6



#38
Carbon Tetrachloride
Concen: 57.037 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006268.D
Acq: 04 Dec 2018 10:14

Tgt Ion: 117 Resp: 578522
Ion Ratio Lower Upper
117 100
119 99.2 75.8 113.8
121 31.6 24.6 37.0

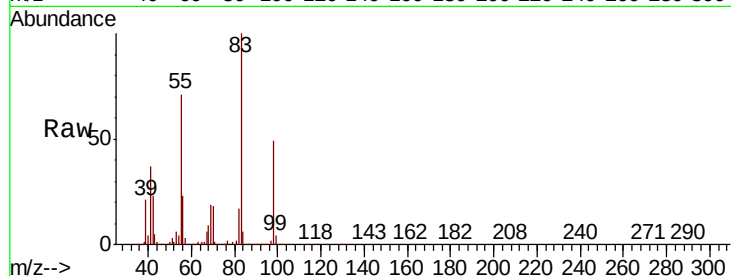




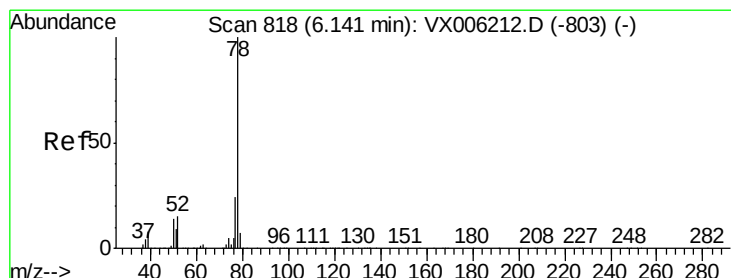
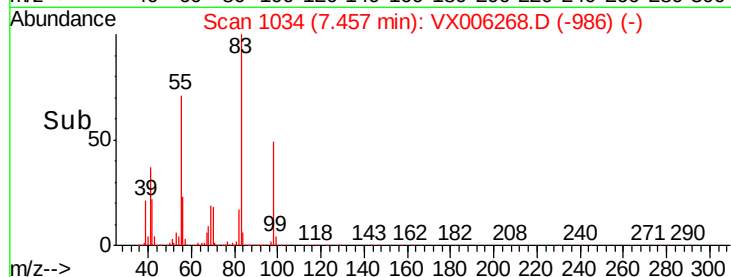
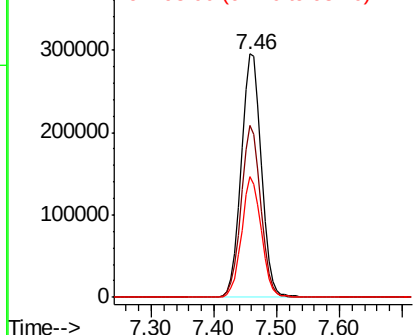
#39
Methylvlcyclohexane
Concen: 58.555 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX006268.D
Acq: 04 Dec 2018 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 655325
Ion Ratio Lower Upper
83 100
55 70.4 56.4 84.6
98 49.4 39.0 58.6

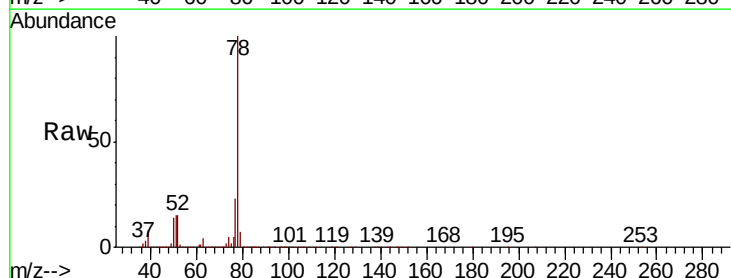


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

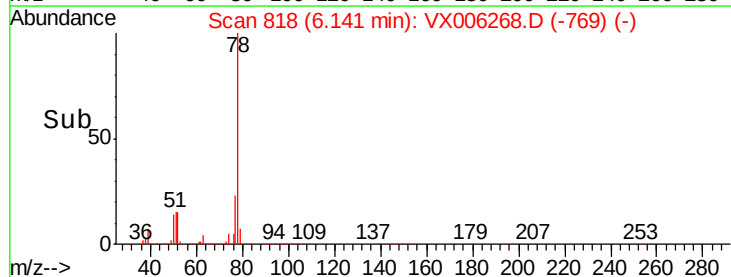
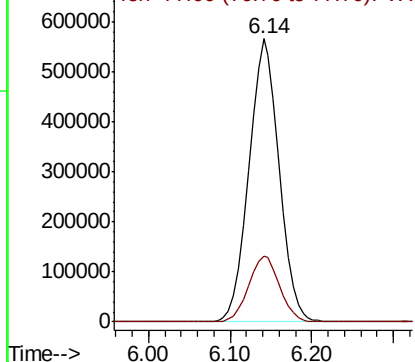


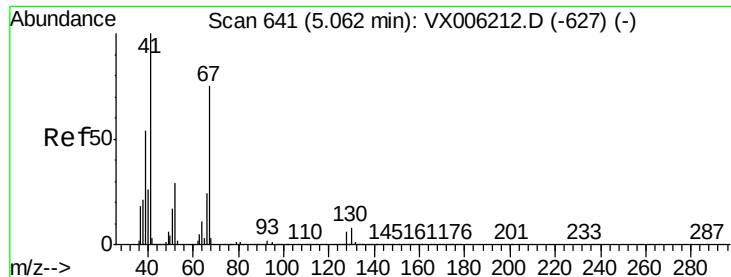
#40
Benzene
Concen: 56.359 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006268.D
Acq: 04 Dec 2018 10:14

Tgt Ion: 78 Resp: 1455379
Ion Ratio Lower Upper
78 100
77 23.2 19.2 28.8



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

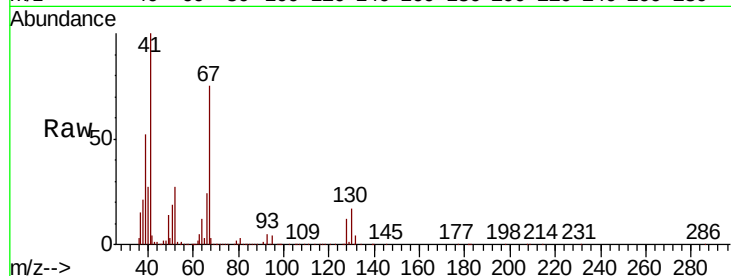




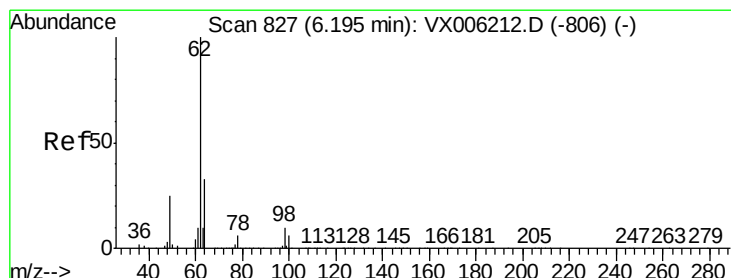
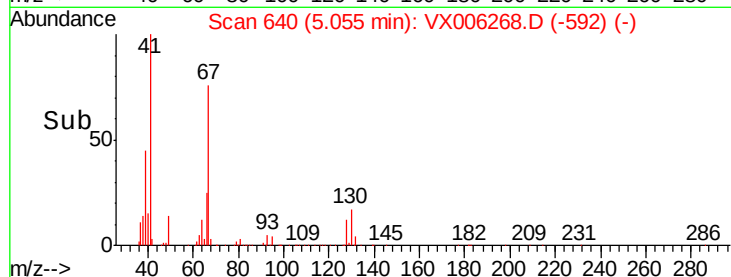
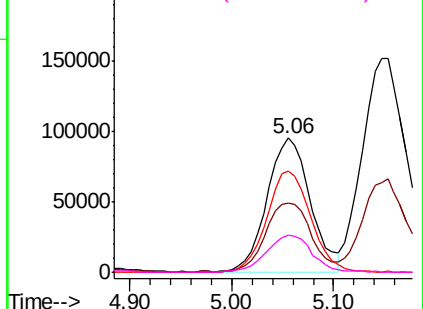
#41
Methacrylonitrile
Concen: 52.419 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX006268.D
Acq: 04 Dec 2018 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	278499
Ion	Ratio	Lower	Upper
41	100		
39	54.4	44.0	66.0
67	76.6	61.4	92.0
52	28.9	23.5	35.3

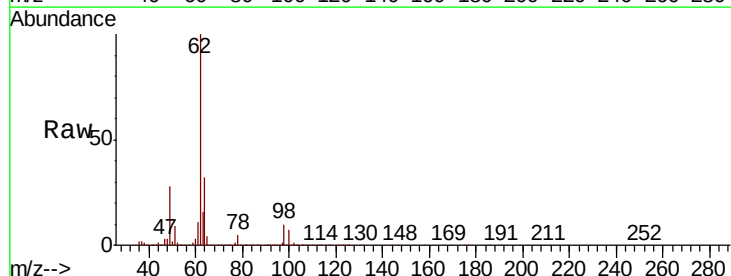


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

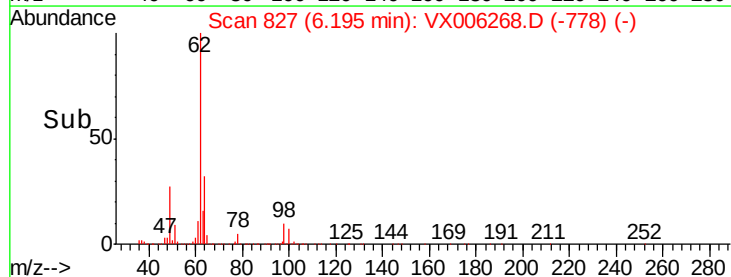
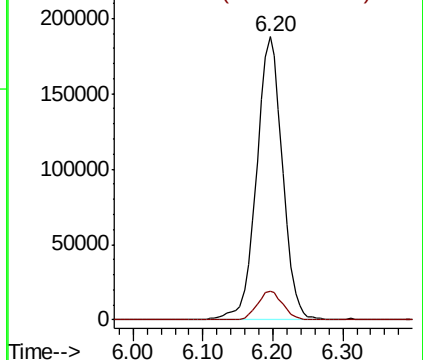


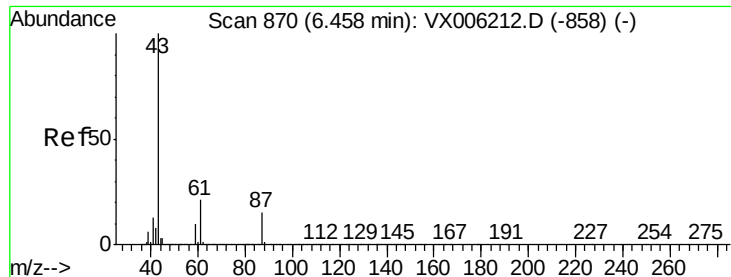
#42
1,2-Dichloroethane
Concen: 56.930 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX006268.D
Acq: 04 Dec 2018 10:14

Tgt Ion:	62	Resp:	481143
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.2



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





#43

Isopropyl Acetate

Concen: 52.780 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX006268.D

Acq: 04 Dec 2018 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

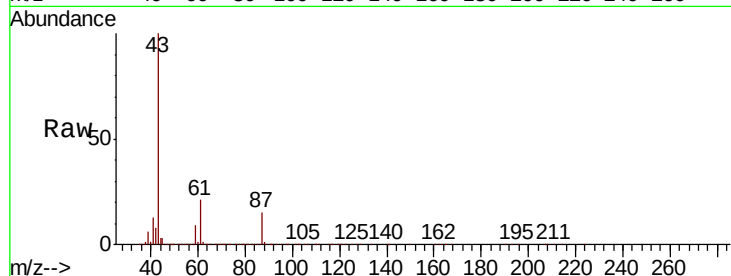
Tot Ion: 43 Resp: 849676

Ion Ratio Lower Upper

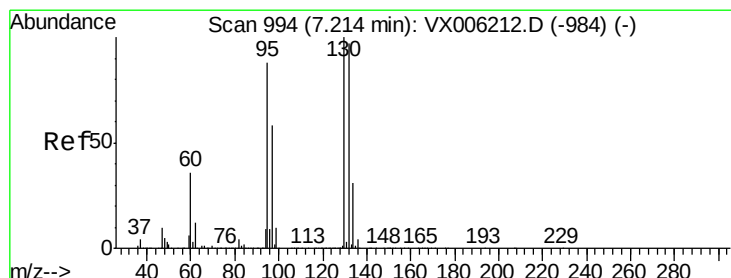
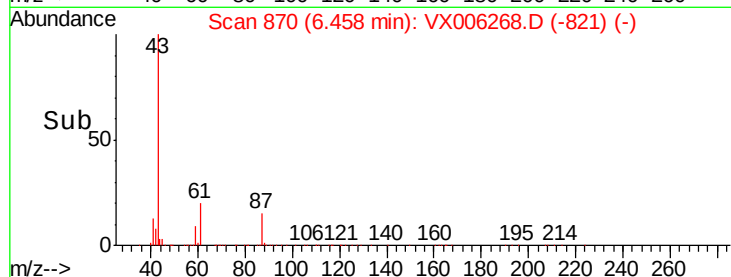
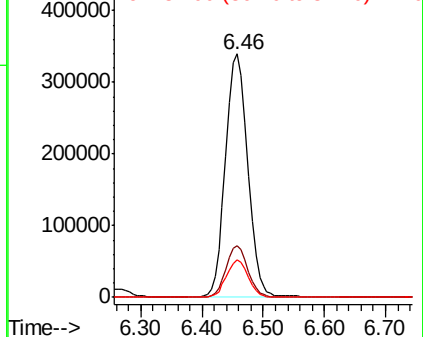
43 100

61 20.8 16.8 25.2

87 15.2 11.9 17.9



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: 56.869 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX006268.D

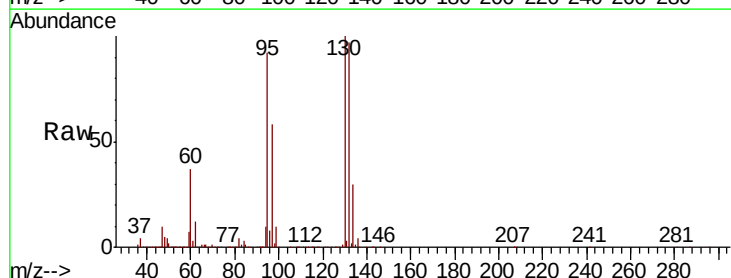
Acq: 04 Dec 2018 10:14

Tgt Ion:130 Resp: 444886

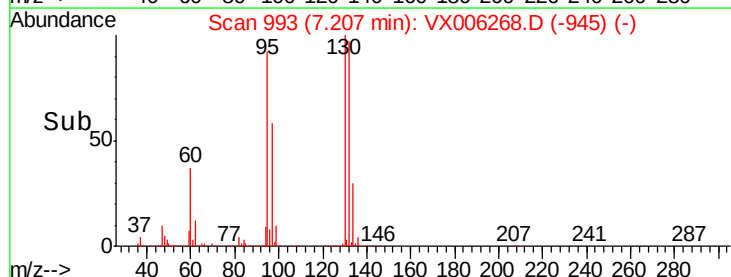
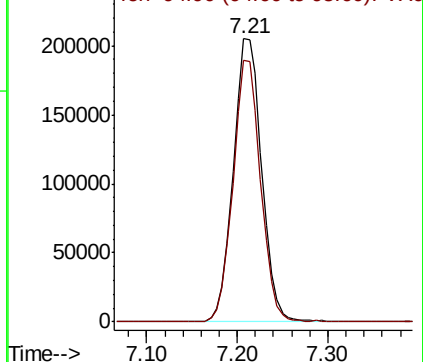
Ion Ratio Lower Upper

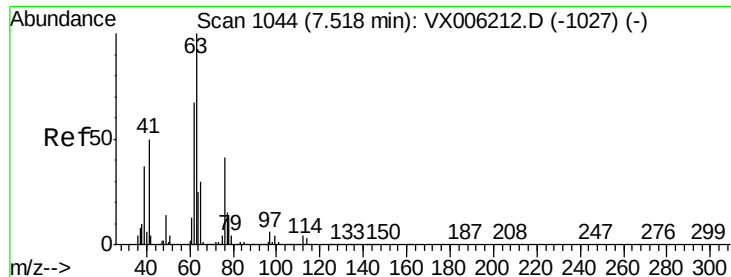
130 100

95 92.1 0.0 175.8



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

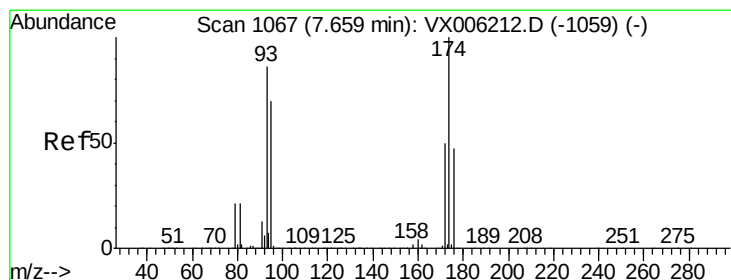
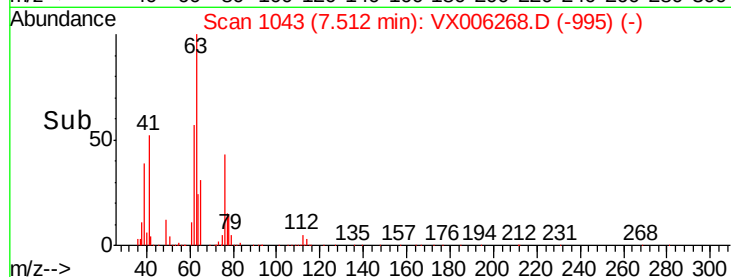
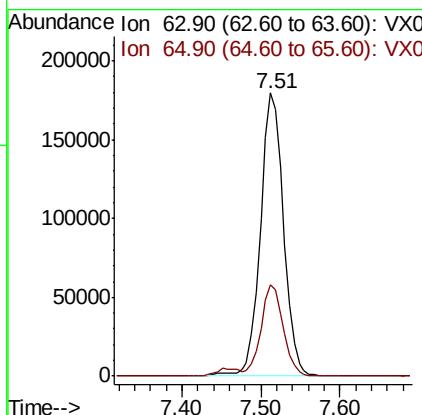
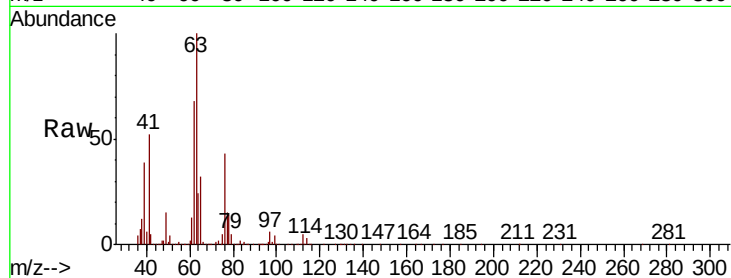




#45
 1,2-Dichloropropane
 Concen: 55.643 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX006268.D
 Acq: 04 Dec 2018 10:14

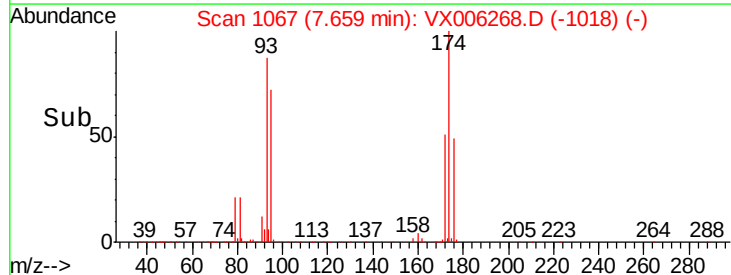
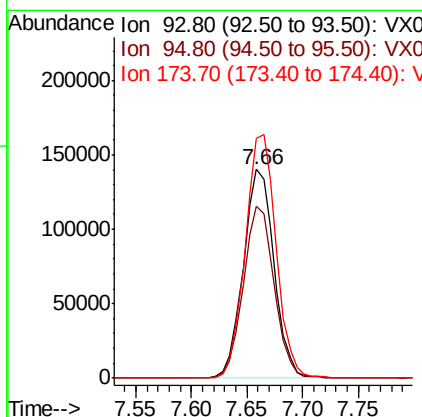
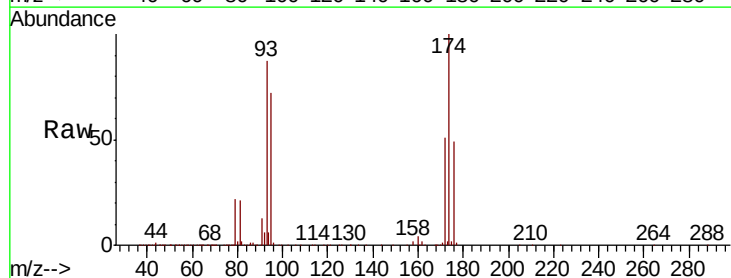
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

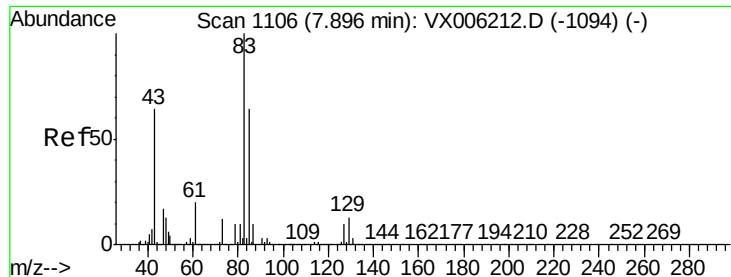
Tot Ion: 63 Resp: 365190
 Ion Ratio Lower Upper
 63 100
 65 32.1 24.3 36.5



#46
 Dibromomethane
 Concen: 56.661 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX006268.D
 Acq: 04 Dec 2018 10:14

Tgt Ion: 93 Resp: 268570
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.2 99.4
 174 117.6 97.2 145.8





#47

Bromodichloromethane

Concen: 57.149 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006268.D

Acq: 04 Dec 2018 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

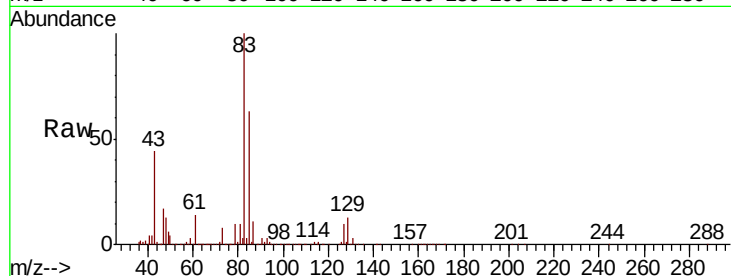
Tot Ion: 83 Resp: 524579

Ion Ratio Lower Upper

83 100

85 63.1 51.4 77.0

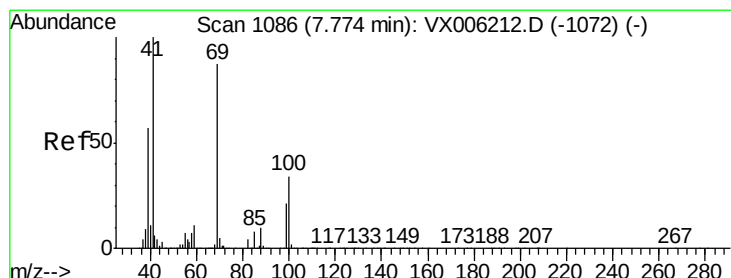
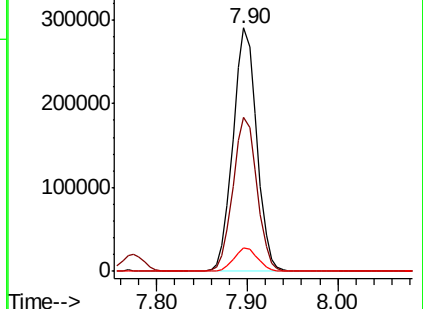
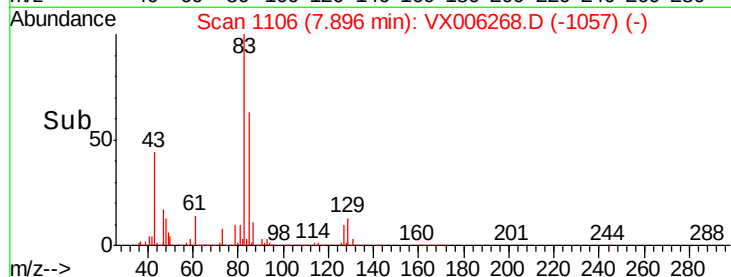
127 9.6 7.9 11.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 53.087 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006268.D

Acq: 04 Dec 2018 10:14

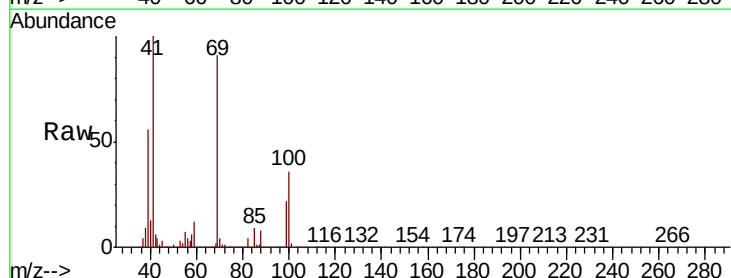
Tgt Ion: 41 Resp: 415757

Ion Ratio Lower Upper

41 100

69 90.7 70.3 105.5

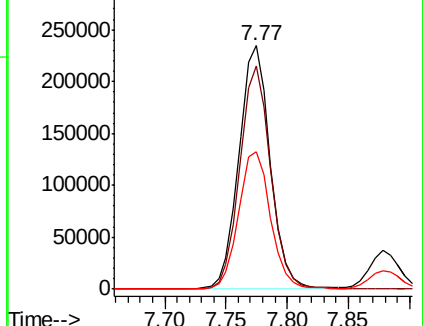
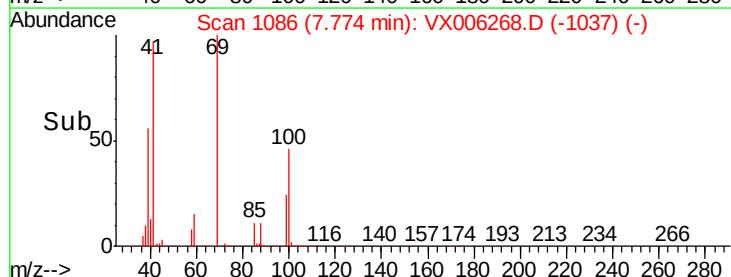
39 57.4 45.3 67.9

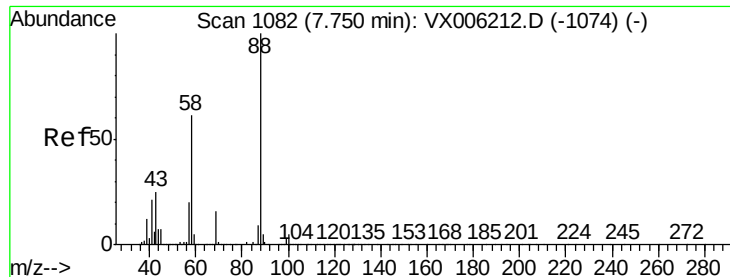


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1024.031 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX006268.D

Acq: 04 Dec 2018 10:14

Instrument :

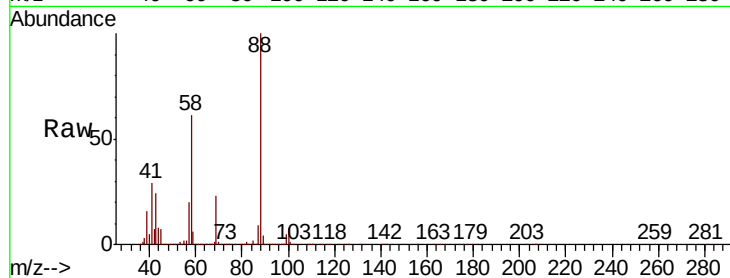
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 88 Resp: 197662

Ion	Ratio	Lower	Upper
88	100		
43	27.4	23.2	34.8
58	63.7	51.4	77.0

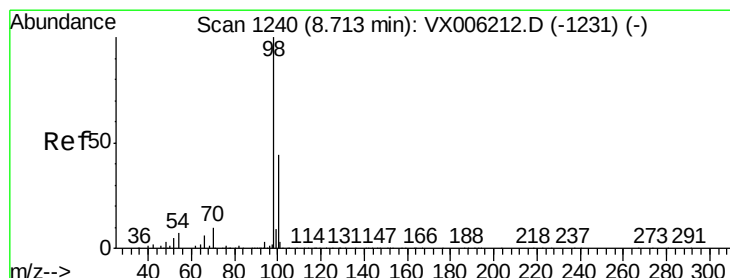
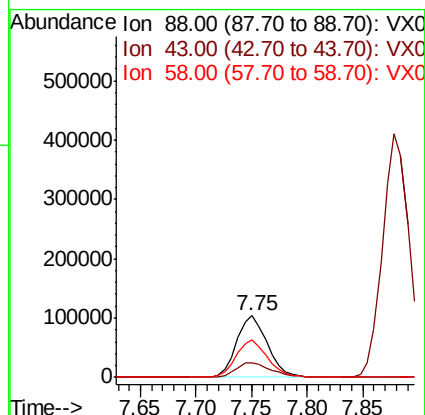
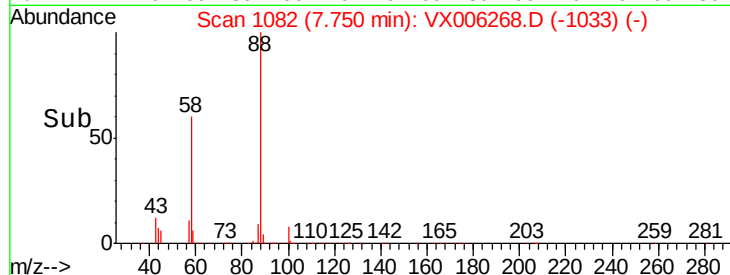


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.007 ug/l

RT: 8.71 min Scan# 1240

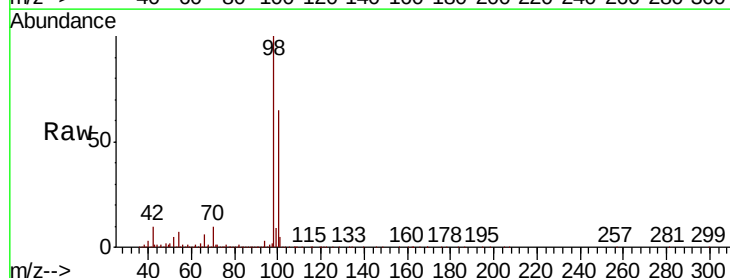
Delta R.T. -0.00 min

Lab File: VX006268.D

Acq: 04 Dec 2018 10:14

Tgt Ion: 98 Resp: 1181697

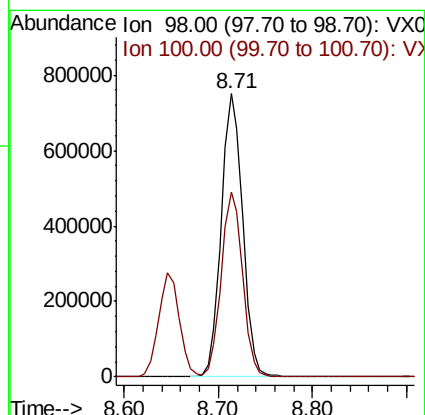
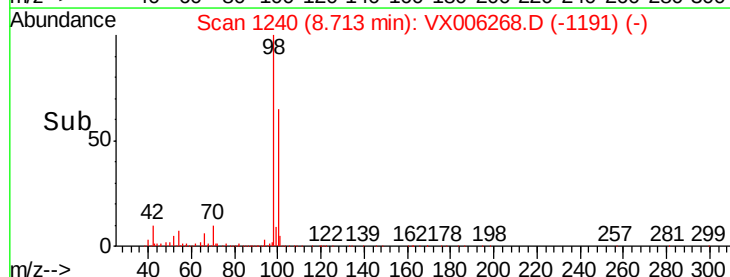
Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.2	78.2

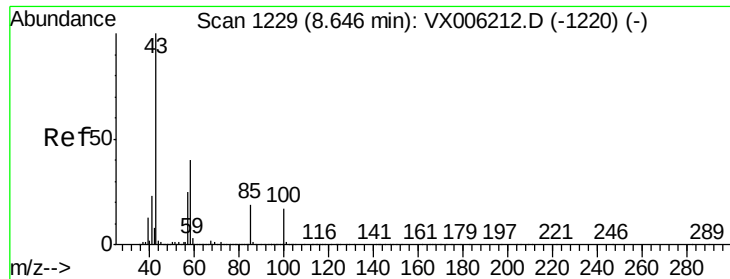


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 260.193 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX006268.D

Acq: 04 Dec 2018 10:14

Instrument :

MSVOA_X

ClientSampleId :

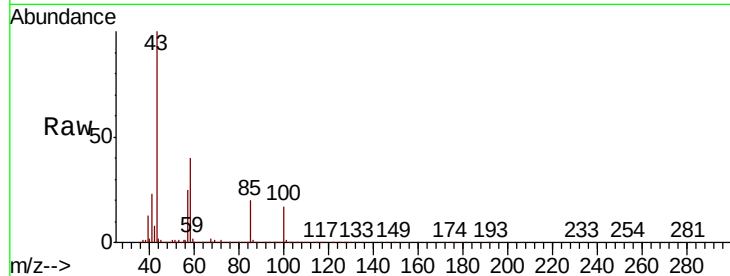
VSTDCCC050

Tot Ion: 43 Resp: 2438426

Ion Ratio Lower Upper

43 100

58 39.6 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

1500000

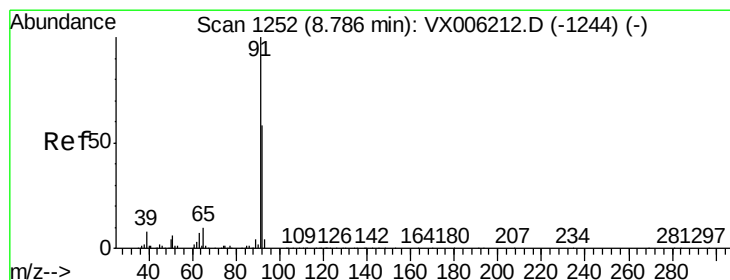
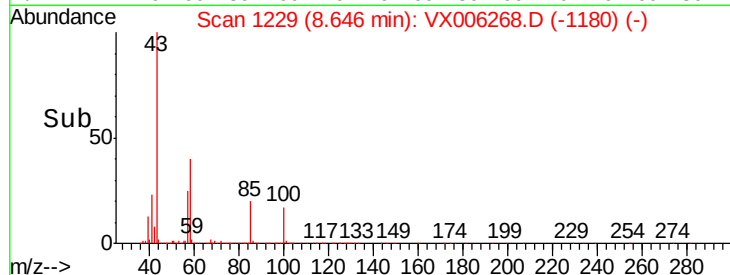
1000000

500000

0

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 55.674 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006268.D

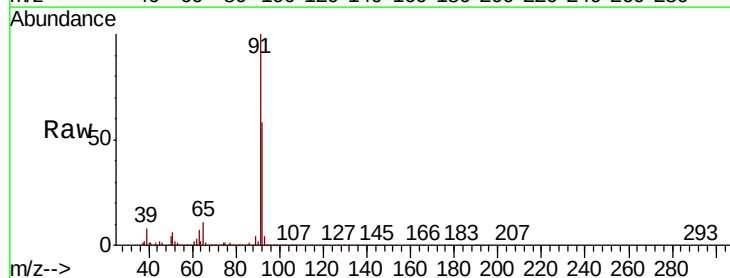
Acq: 04 Dec 2018 10:14

Tgt Ion: 92 Resp: 945856

Ion Ratio Lower Upper

92 100

91 172.2 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

1200000

1000000

800000

600000

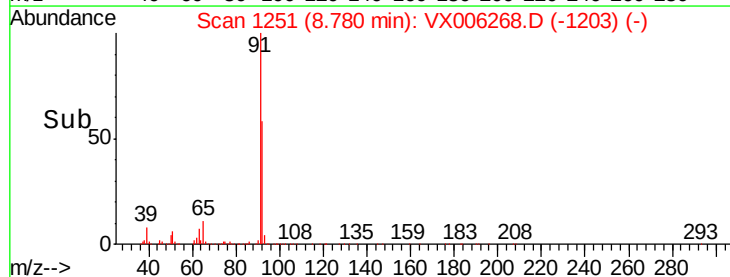
400000

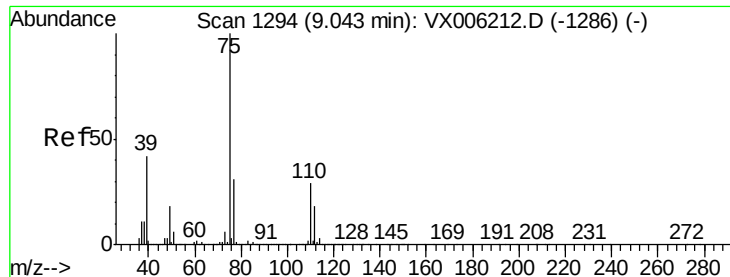
200000

0

8.70 8.80 8.90

Time-->





#53

t-1,3-Dichloropropene

Concen: 55.341 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006268.D

Acq: 04 Dec 2018 10:14

Instrument :

MSVOA_X

ClientSampleId :

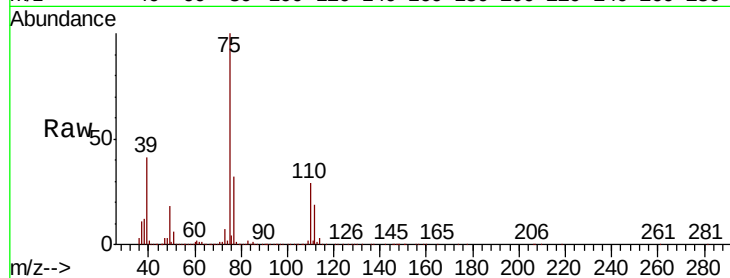
VSTDCCC050

Tot Ion: 75 Resp: 594093

Ion Ratio Lower Upper

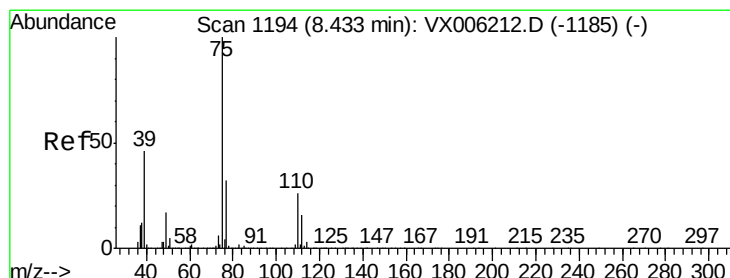
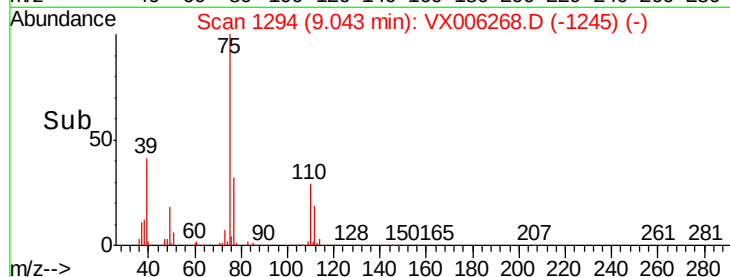
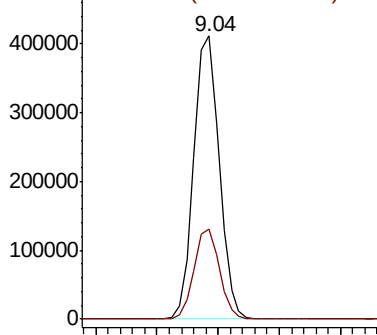
75 100

77 32.0 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 55.936 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX006268.D

Acq: 04 Dec 2018 10:14

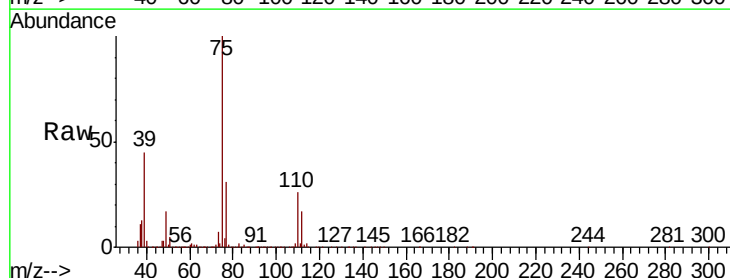
Tgt Ion: 75 Resp: 623525

Ion Ratio Lower Upper

75 100

77 31.2 25.6 38.4

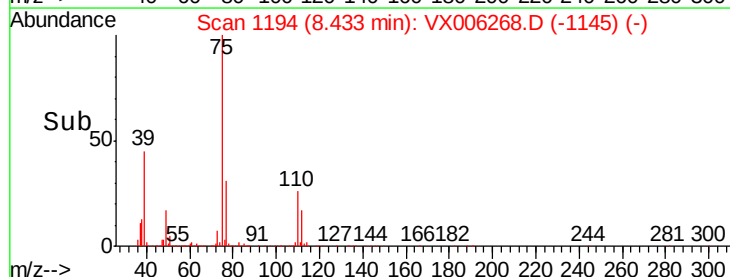
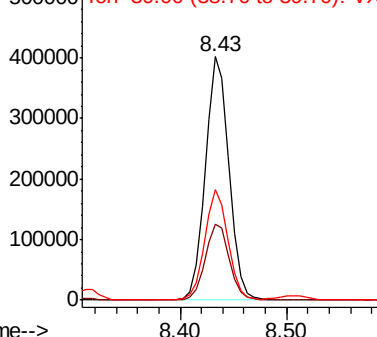
39 45.4 36.5 54.7

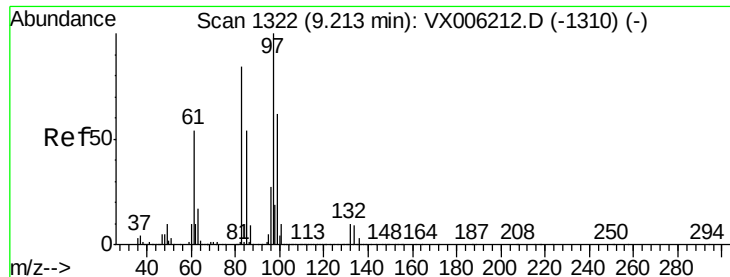


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

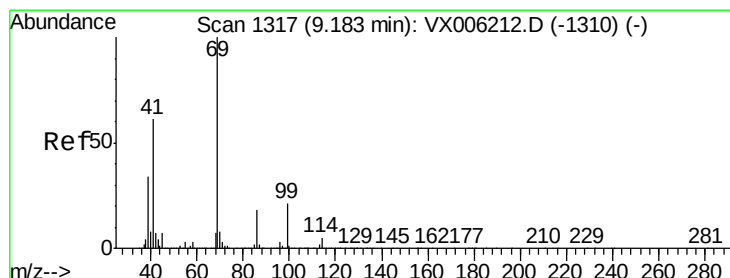
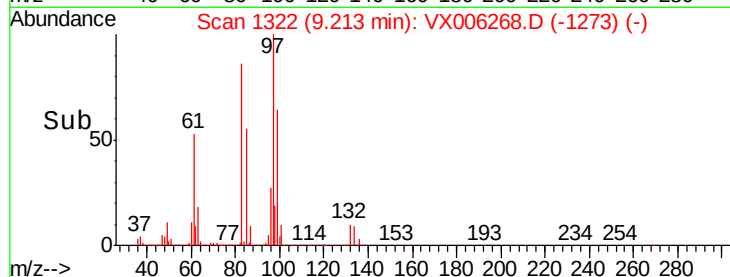
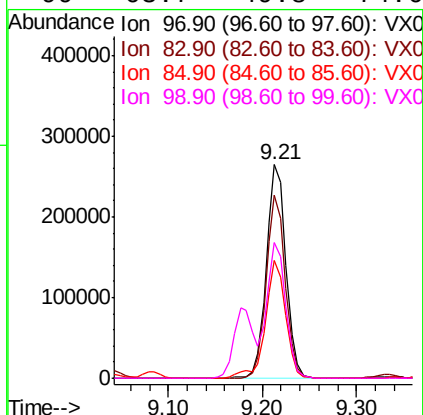
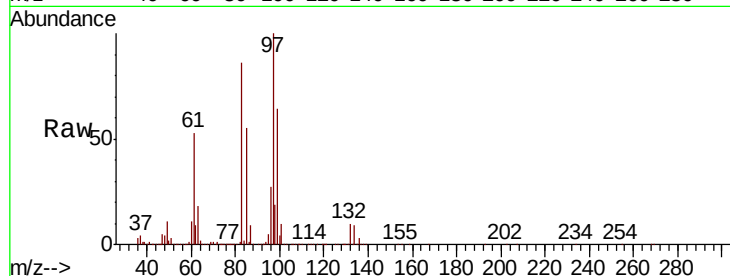




#55
 1,1,2-Trichloroethane
 Concen: 56.200 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX006268.D
 Acq: 04 Dec 2018 10:14

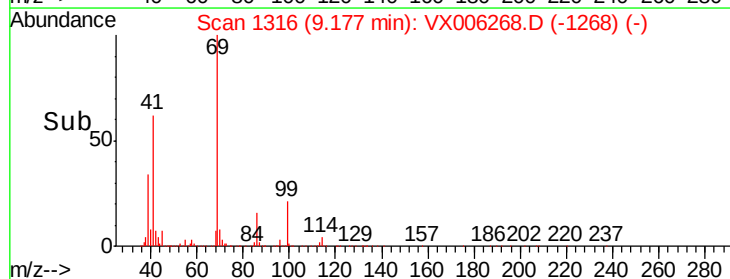
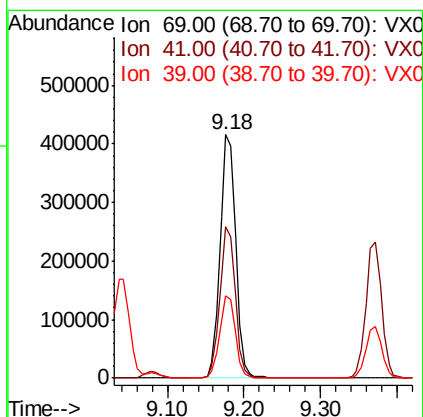
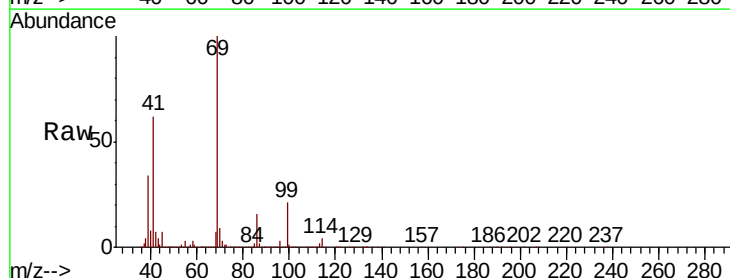
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

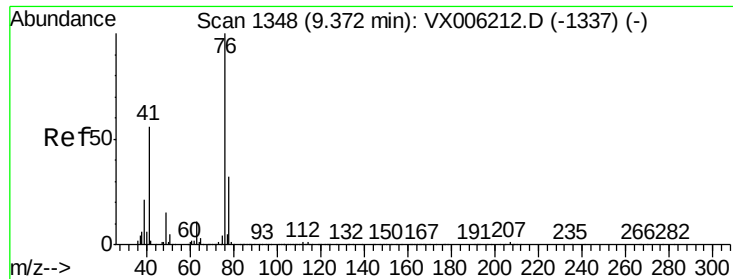
Tot Ion:	97	Resp:	387890
Ion	Ratio	Lower	Upper
97	100		
83	85.6	67.1	100.7
85	55.2	43.2	64.8
99	63.7	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 54.196 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VX006268.D
 Acq: 04 Dec 2018 10:14

Tgt Ion:	69	Resp:	584777
Ion	Ratio	Lower	Upper
69	100		
41	61.5	50.6	76.0
39	33.8	27.6	41.4

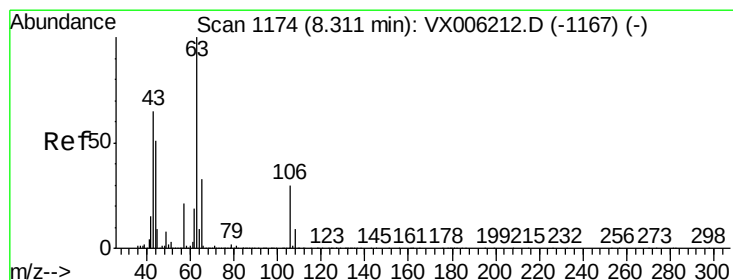
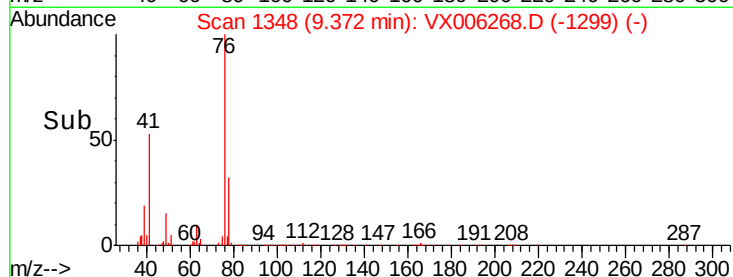
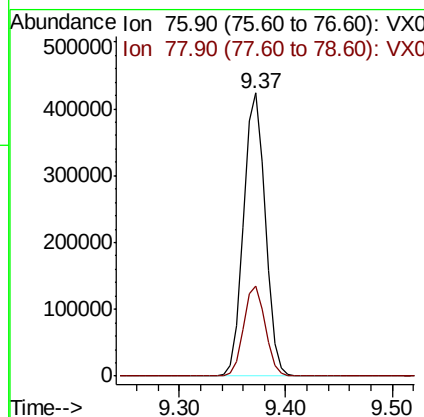
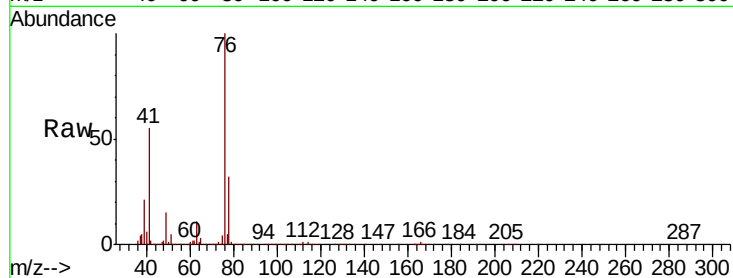




#57
 1,3-Dichloropropane
 Concen: 56.090 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX006268.D
 Acq: 04 Dec 2018 10:14

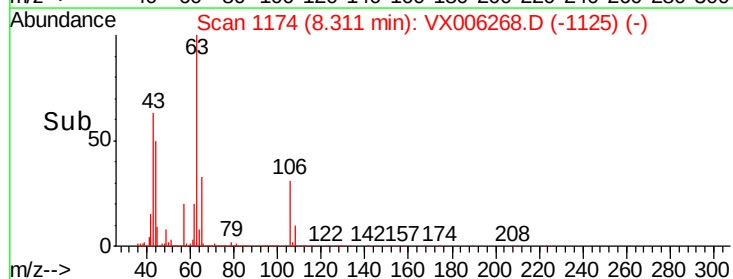
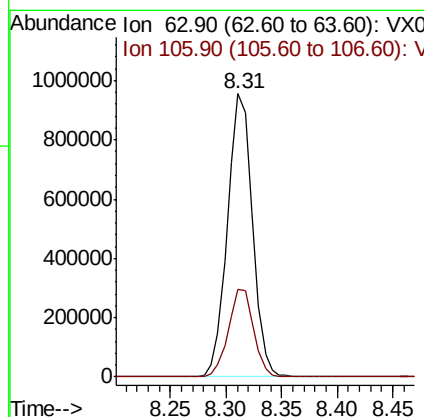
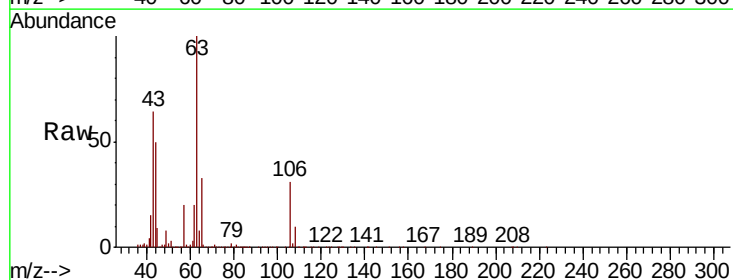
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

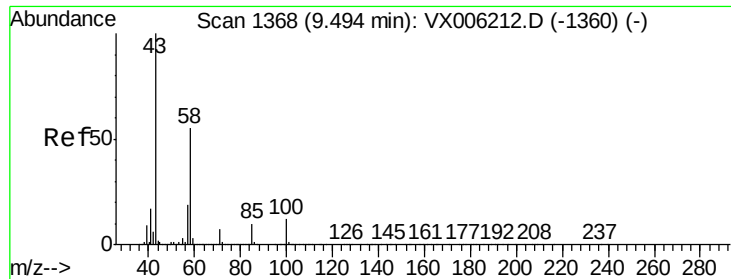
Tot Ion: 76 Resp: 612169
 Ion Ratio Lower Upper
 76 100
 78 31.7 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 271.097 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX006268.D
 Acq: 04 Dec 2018 10:14

Tgt Ion: 63 Resp: 1484360
 Ion Ratio Lower Upper
 63 100
 106 31.4 24.9 37.3

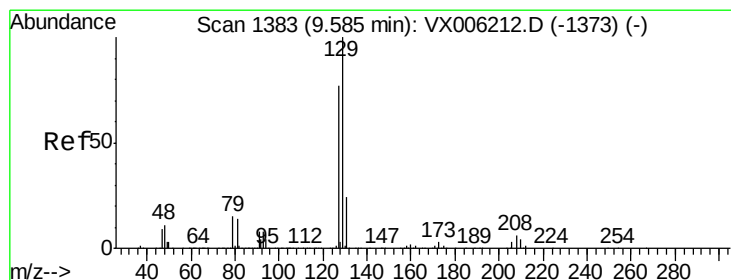
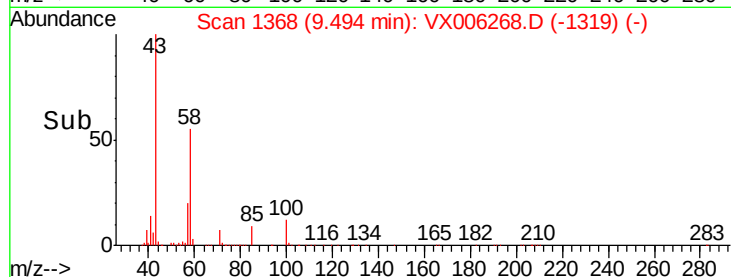
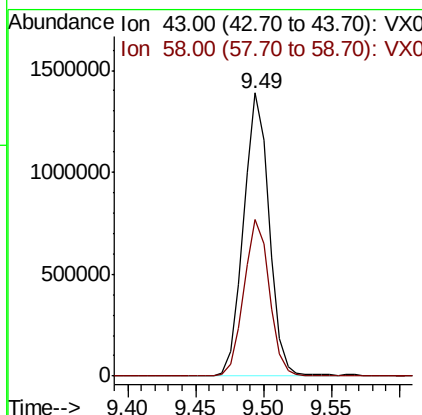
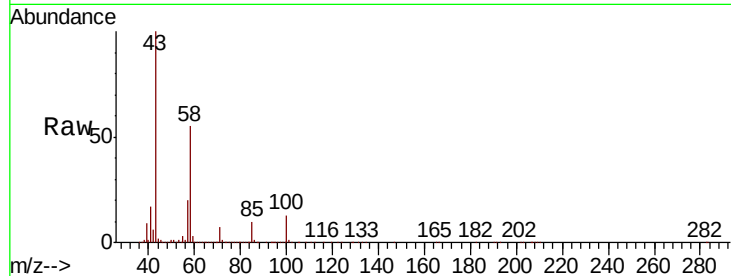




#59
2-Hexanone
Concen: 254.827 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006268.D
Acq: 04 Dec 2018 10:14

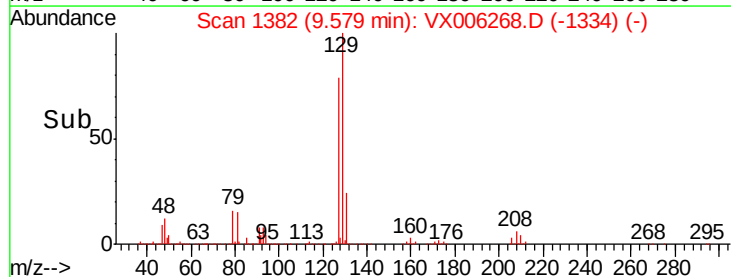
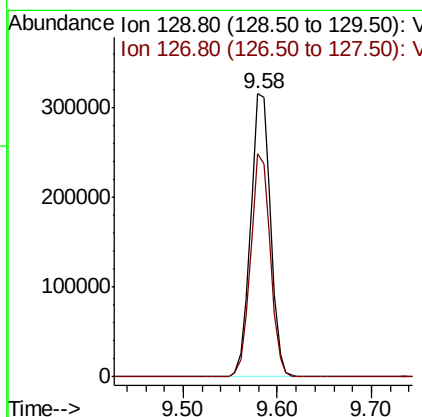
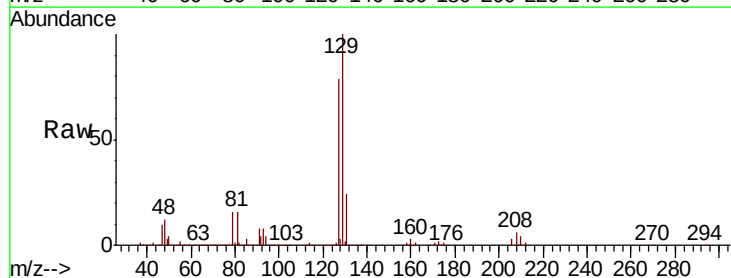
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

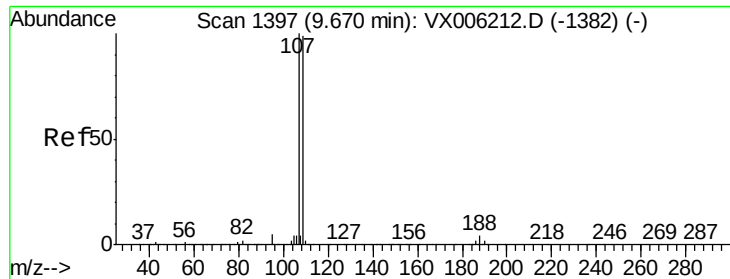
Tot Ion: 43 Resp: 1824541
Ion Ratio Lower Upper
43 100
58 55.5 27.7 83.1



#60
Dibromochloromethane
Concen: 55.294 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX006268.D
Acq: 04 Dec 2018 10:14

Tgt Ion: 129 Resp: 470594
Ion Ratio Lower Upper
129 100
127 77.6 38.6 115.8





#61

1,2-Dibromoethane

Concen: 55.558 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006268.D

Acq: 04 Dec 2018 10:14

Instrument :

MSVOA_X

ClientSampleId :

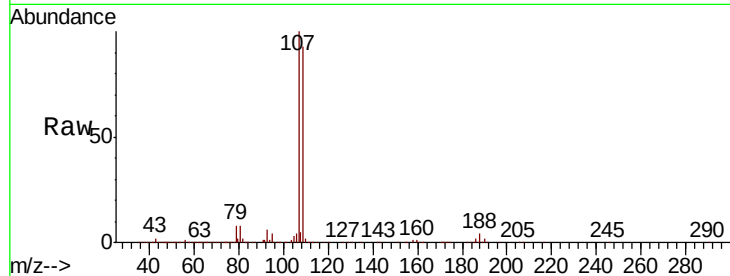
VSTDCCC050

Tot Ion:107 Resp: 428762

Ion Ratio Lower Upper

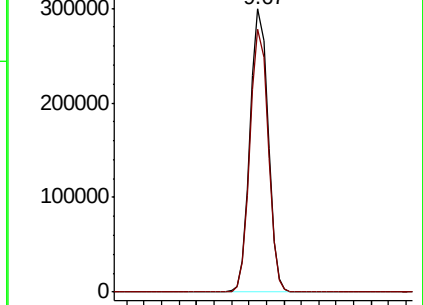
107 100

109 93.1 76.3 114.5

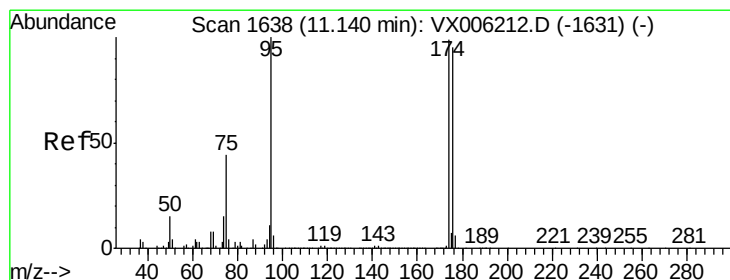
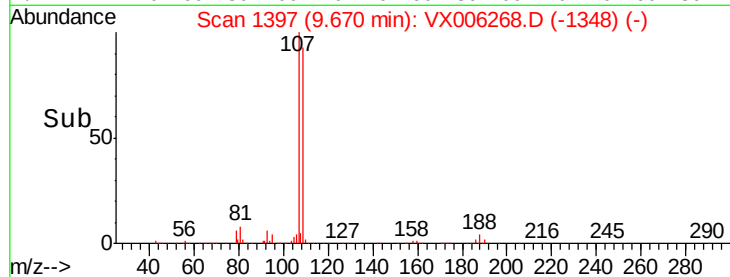


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 48.715 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006268.D

Acq: 04 Dec 2018 10:14

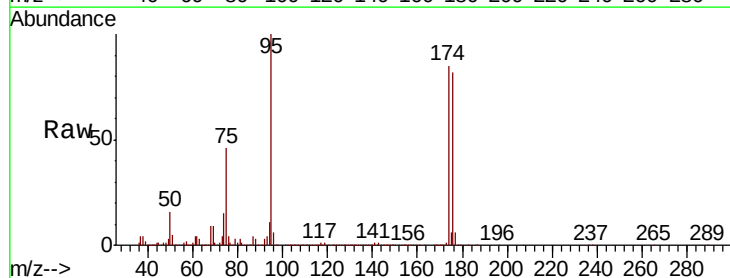
Tgt Ion: 95 Resp: 442643

Ion Ratio Lower Upper

95 100

174 91.0 0.0 187.0

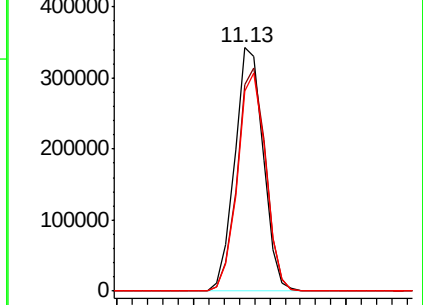
176 88.8 0.0 181.8



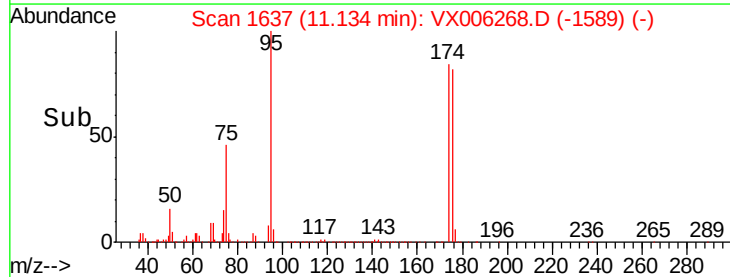
Abundance Ion 94.90 (94.60 to 95.60): VX0

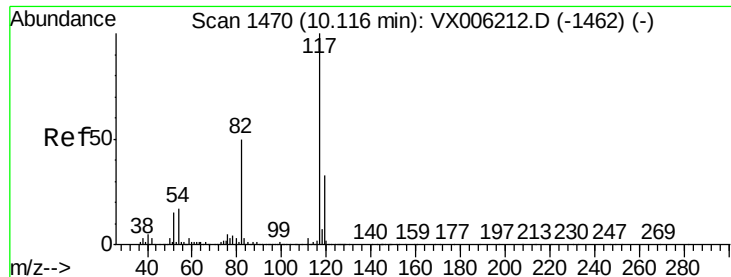
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

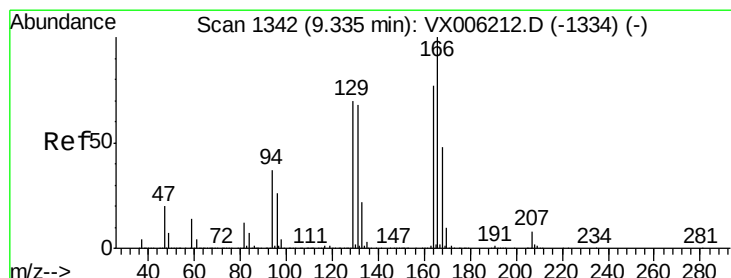
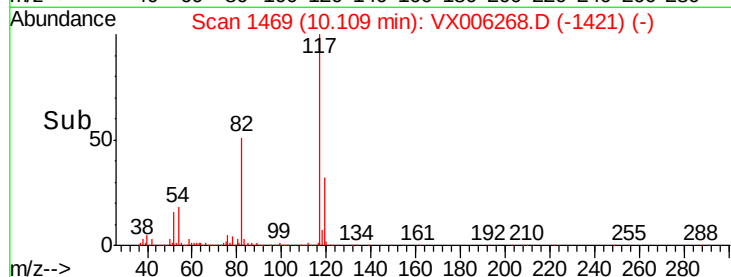
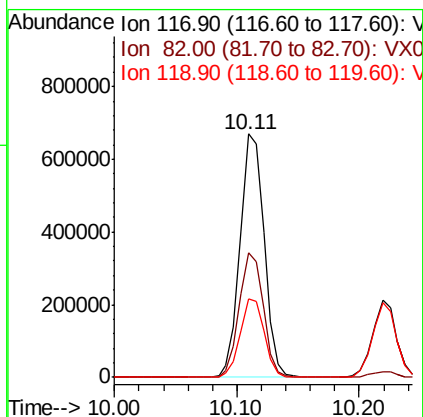
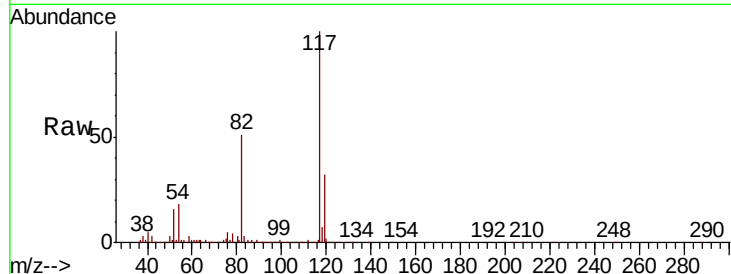




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX006268.D
Acq: 04 Dec 2018 10:14

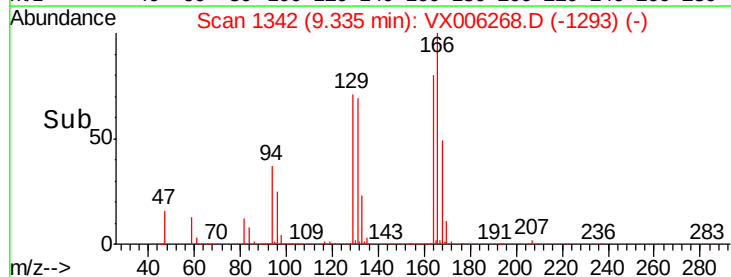
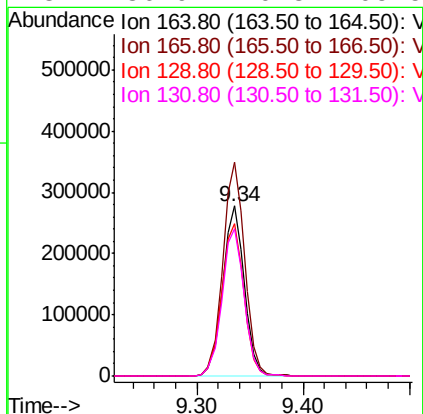
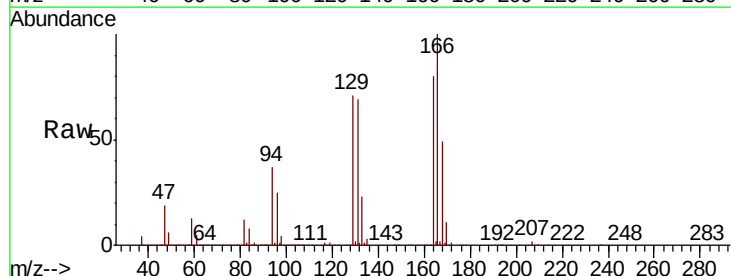
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

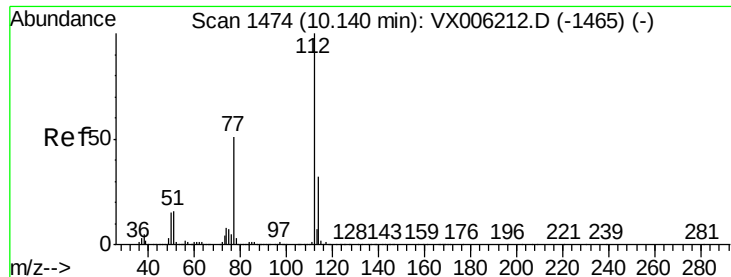
Tot Ion:117 Resp: 914034
Ion Ratio Lower Upper
117 100
82 51.0 39.6 59.4
119 32.4 26.3 39.5



#64
Tetrachloroethene
Concen: 57.205 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006268.D
Acq: 04 Dec 2018 10:14

Tgt Ion:164 Resp: 393772
Ion Ratio Lower Upper
164 100
166 125.7 104.2 156.2
129 89.4 72.6 108.8
131 86.9 70.3 105.5

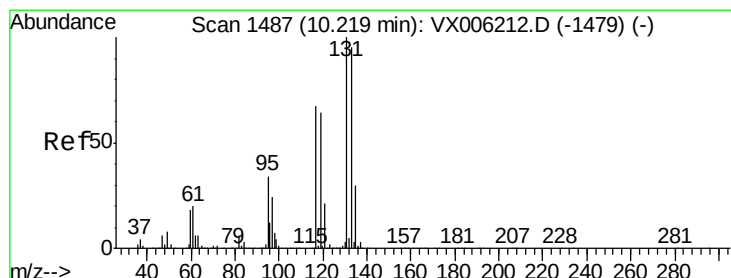
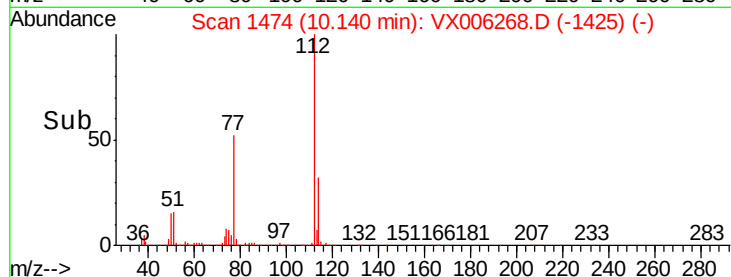
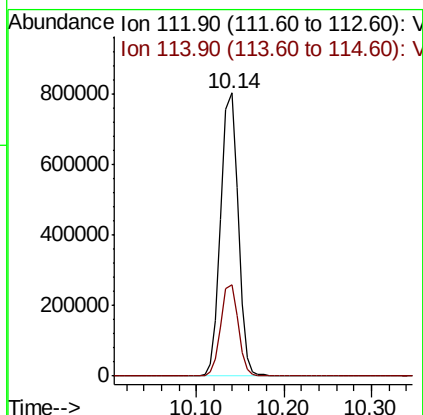
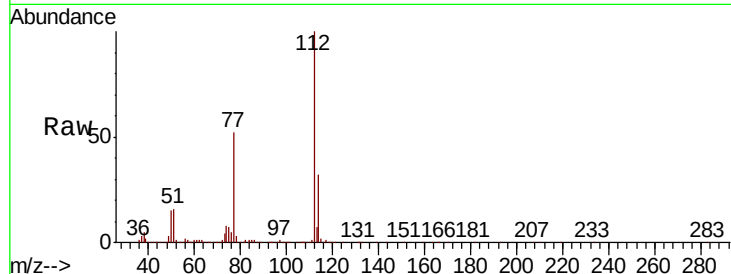




#65
Chlorobenzene
Concen: 57.013 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006268.D
Acq: 04 Dec 2018 10:14

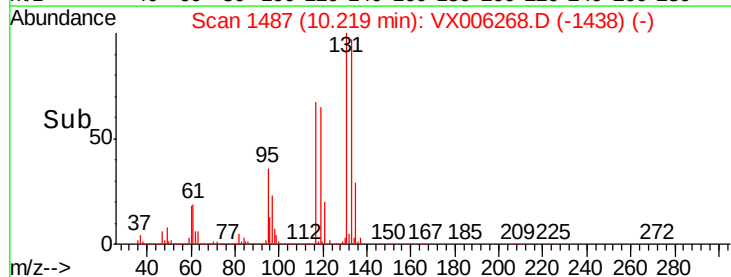
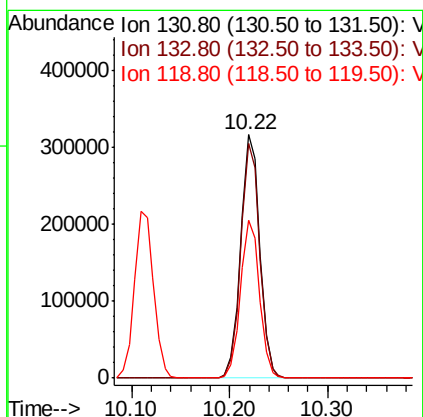
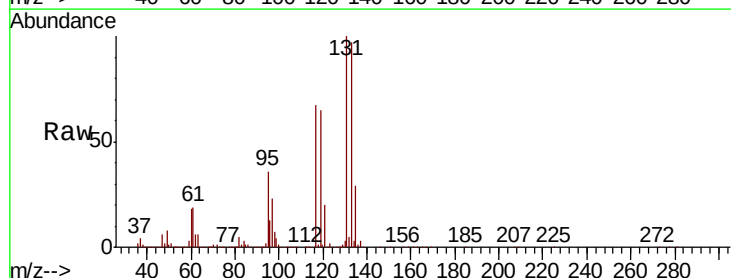
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

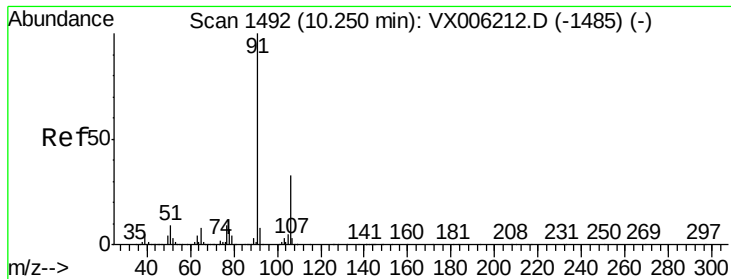
Tot Ion:112 Resp: 1106224
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 56.848 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006268.D
Acq: 04 Dec 2018 10:14

Tgt Ion:131 Resp: 428561
Ion Ratio Lower Upper
131 100
133 96.0 48.1 144.4
119 64.3 32.1 96.3

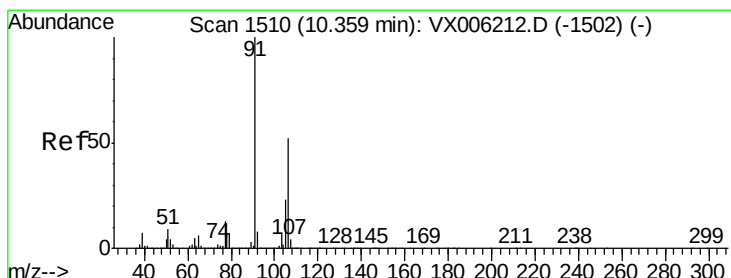
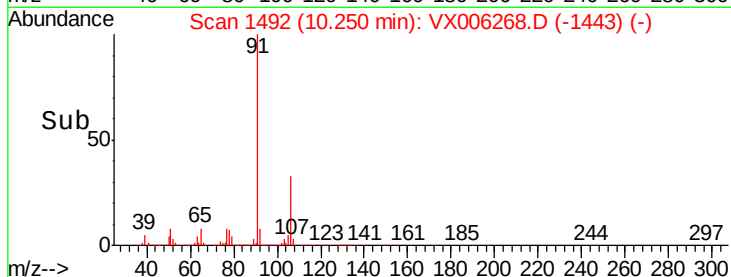
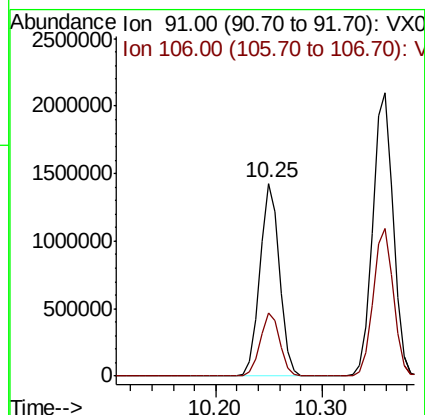
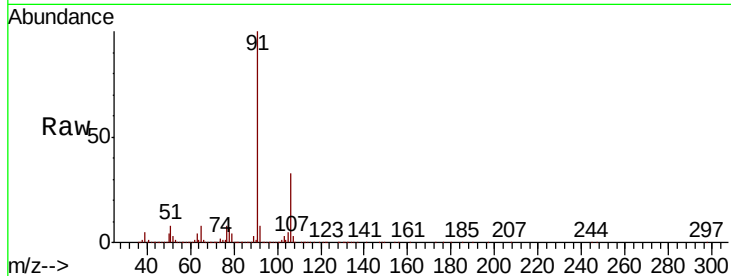




#67
Ethyl Benzene
Concen: 57.071 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX006268.D
Acq: 04 Dec 2018 10:14

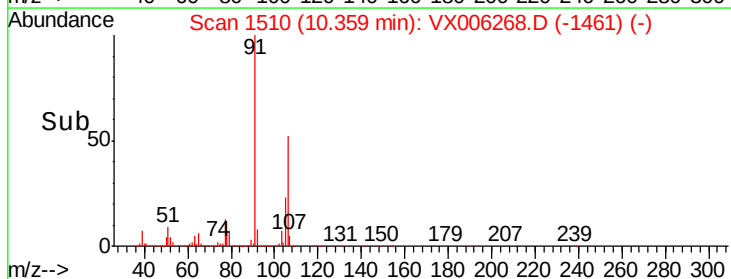
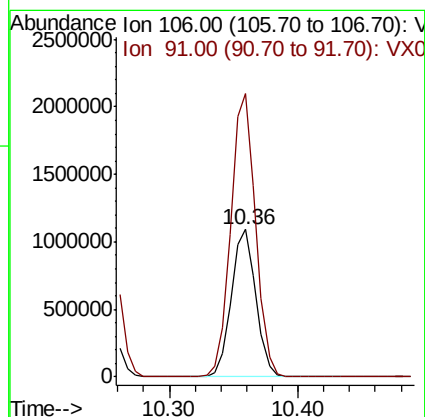
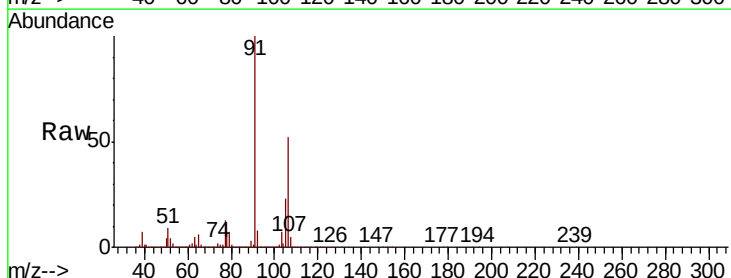
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

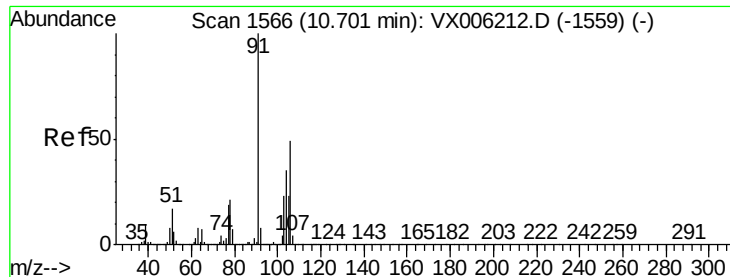
Tot Ion: 91 Resp: 1841715
Ion Ratio Lower Upper
91 100
106 33.1 26.5 39.7



#68
m/p-Xylenes
Concen: 112.757 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006268.D
Acq: 04 Dec 2018 10:14

Tgt Ion: 106 Resp: 1457591
Ion Ratio Lower Upper
106 100
91 194.1 155.2 232.8

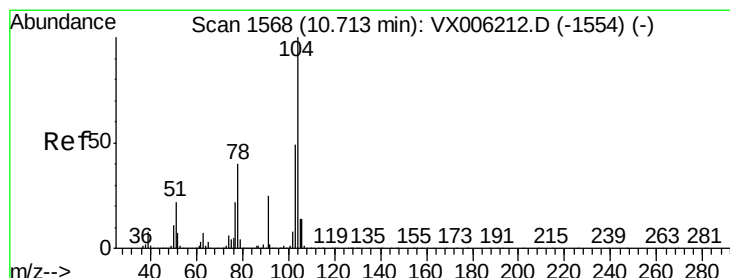
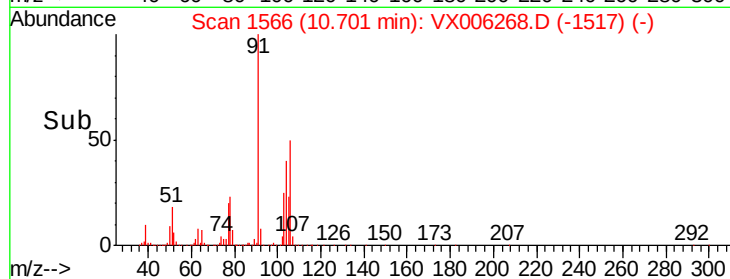
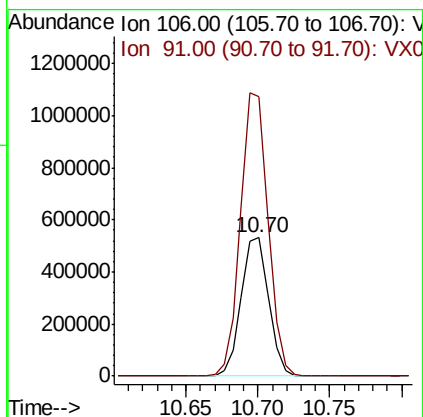
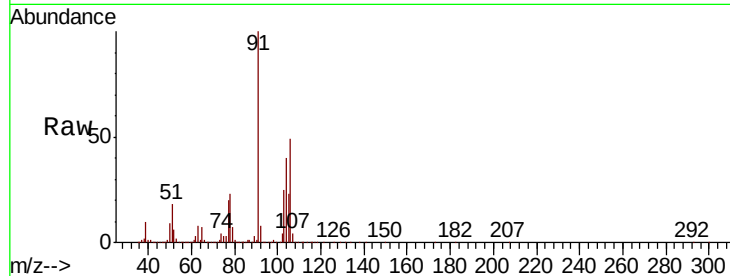




#69
o-Xylene
Concen: 55.374 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006268.D
Acq: 04 Dec 2018 10:14

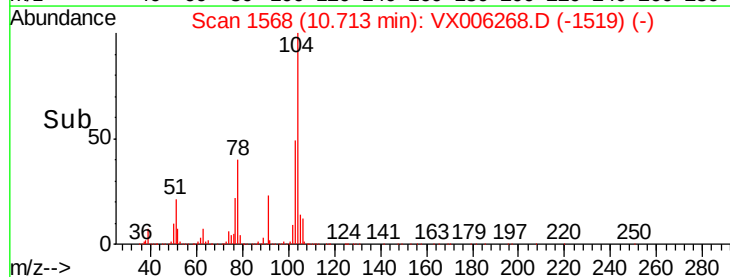
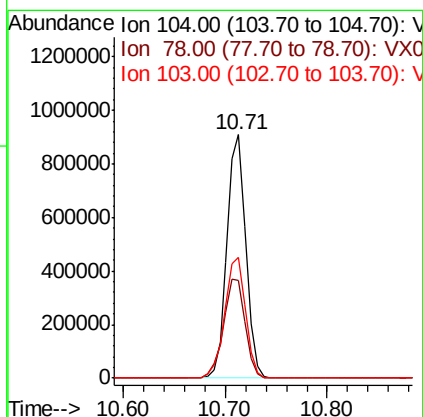
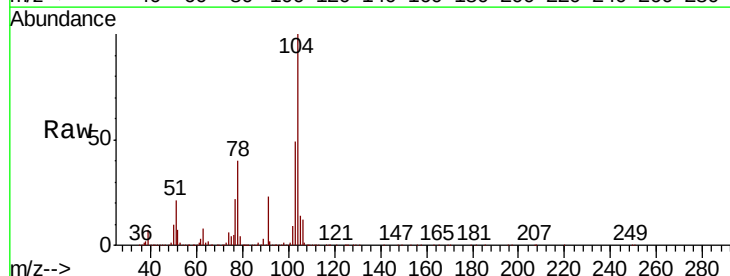
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

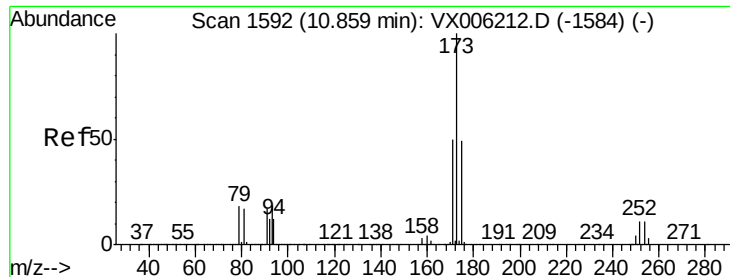
Tot Ion:106 Resp: 707043
Ion Ratio Lower Upper
106 100
91 204.7 101.8 305.6



#70
Styrene
Concen: 56.155 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006268.D
Acq: 04 Dec 2018 10:14

Tgt Ion:104 Resp: 1159685
Ion Ratio Lower Upper
104 100
78 47.0 37.2 55.8
103 55.0 43.5 65.3





#71

Bromoform

Concen: 53.915 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX006268.D

Acq: 04 Dec 2018 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

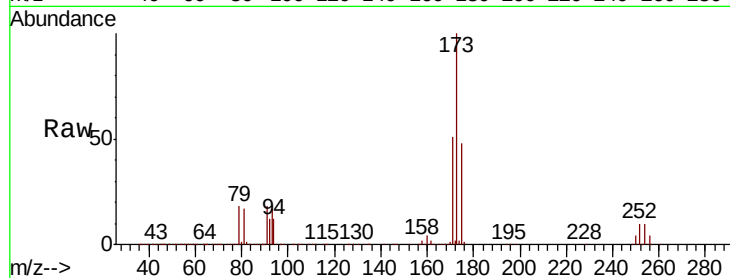
Tot Ion:173 Resp: 383682

Ion Ratio Lower Upper

173 100

175 48.9 24.6 73.8

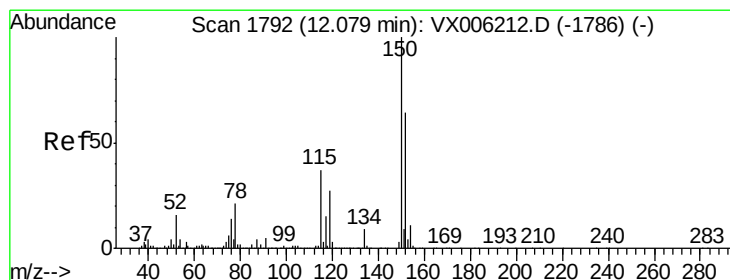
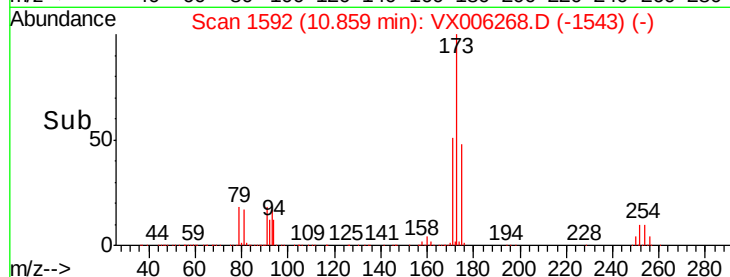
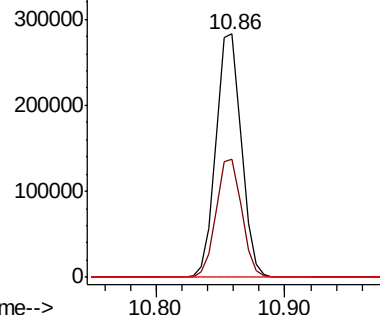
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006268.D

Acq: 04 Dec 2018 10:14

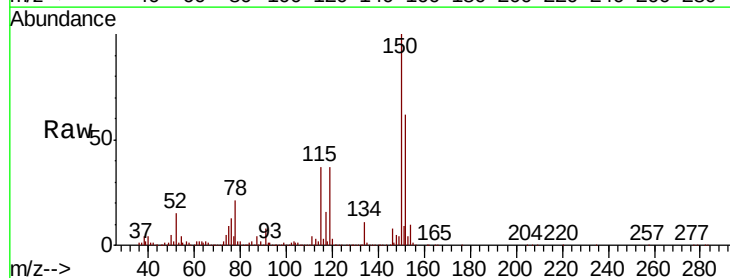
Tgt Ion:152 Resp: 475299

Ion Ratio Lower Upper

152 100

115 81.6 39.0 116.9

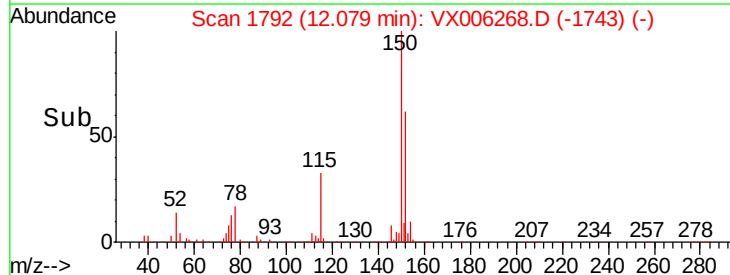
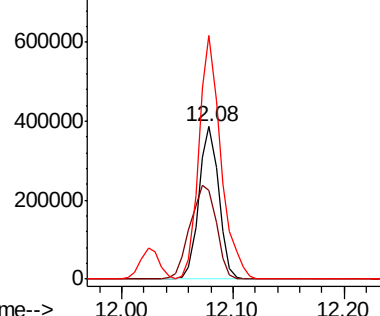
150 176.3 0.0 345.8

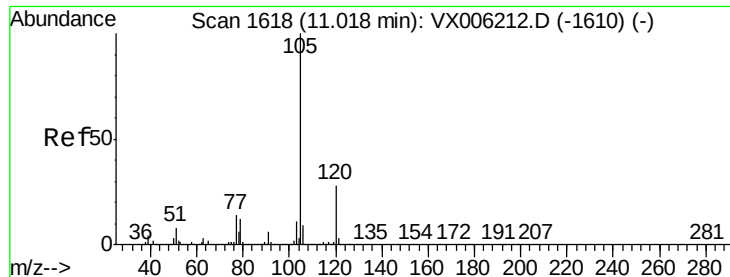


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 57.643 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006268.D

Acq: 04 Dec 2018 10:14

Instrument :

MSVOA_X

ClientSampleId :

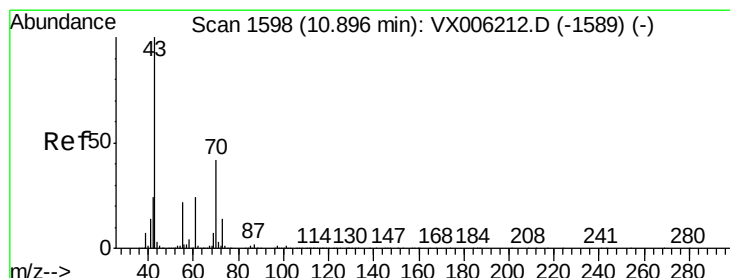
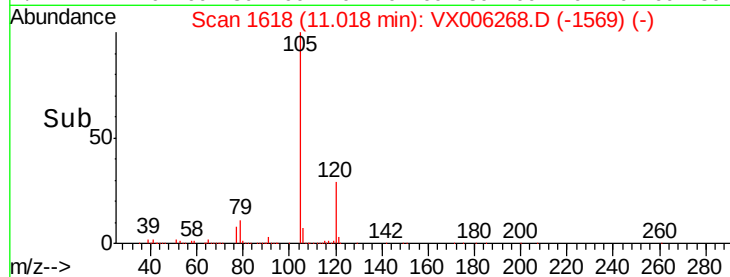
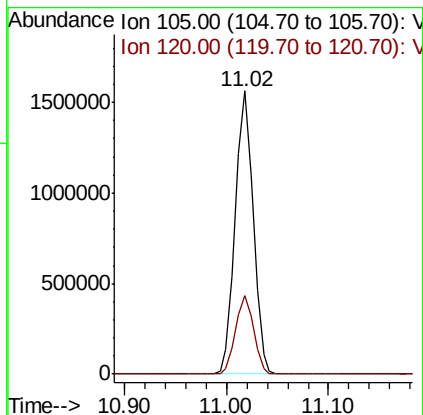
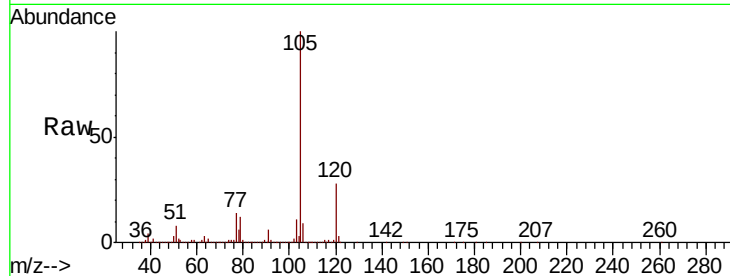
VSTDCCC050

Tot Ion:105 Resp: 1892052

Ion Ratio Lower Upper

105 100

120 27.9 14.1 42.3



#74

N-ethyl acetate

Concen: 51.758 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006268.D

Acq: 04 Dec 2018 10:14

Tgt Ion: 43 Resp: 731579

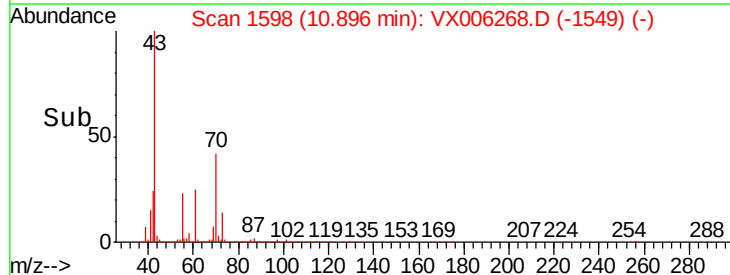
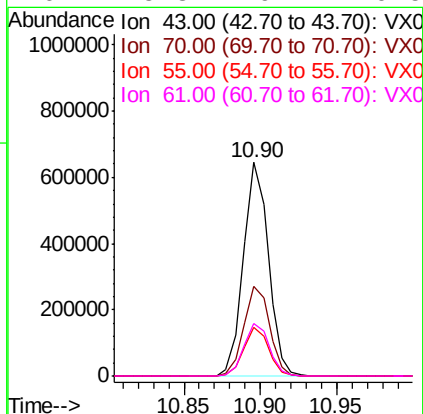
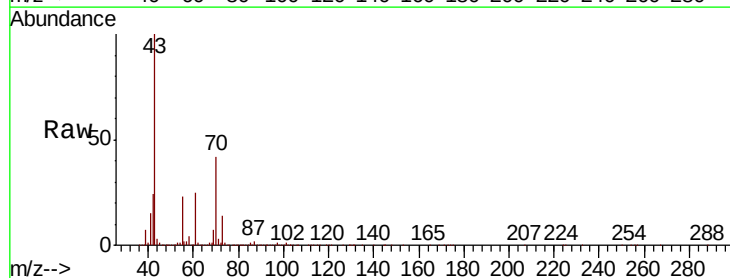
Ion Ratio Lower Upper

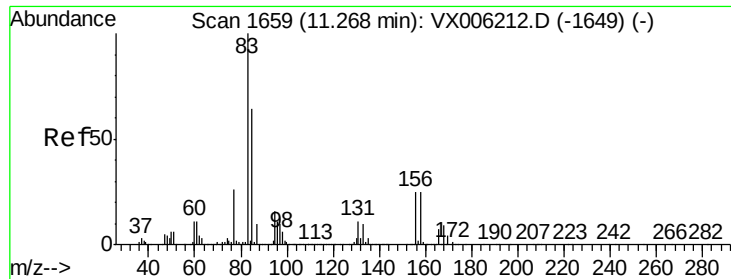
43 100

70 43.1 34.1 51.1

55 22.9 17.8 26.8

61 25.3 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 53.462 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006268.D

Acq: 04 Dec 2018 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

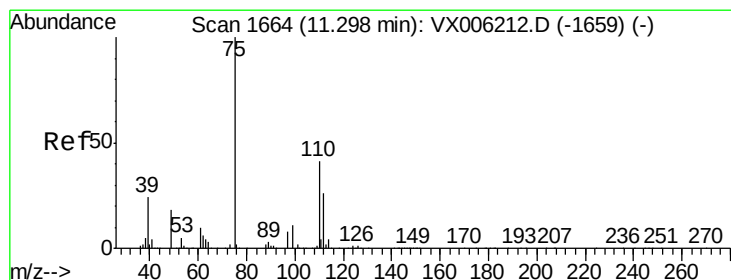
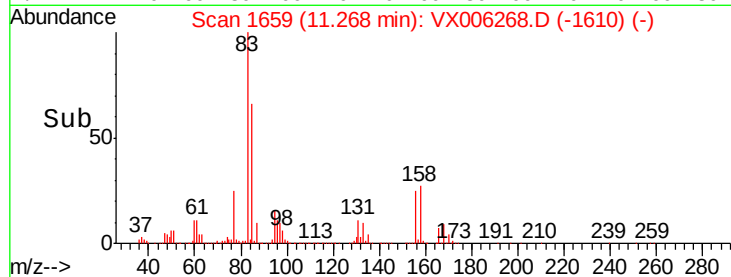
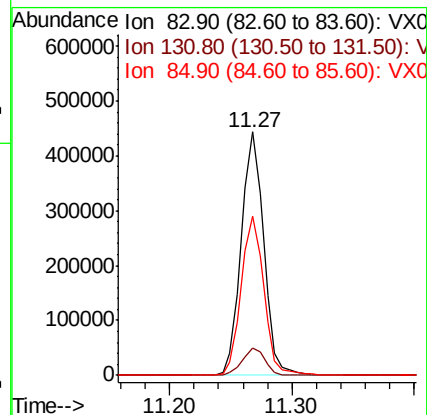
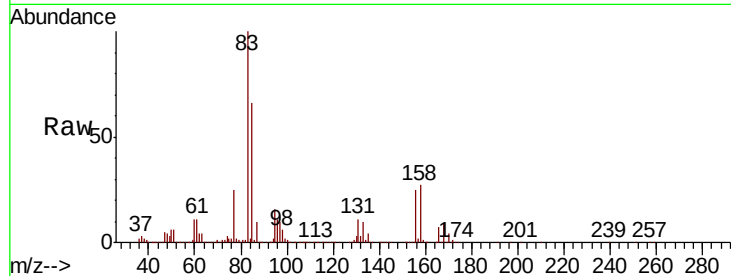
Tot Ion: 83 Resp: 561398

Ion Ratio Lower Upper

83 100

131 11.3 5.7 17.1

85 65.9 32.1 96.5



#76

1,2,3-Trichloropropane

Concen: 74.750 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006268.D

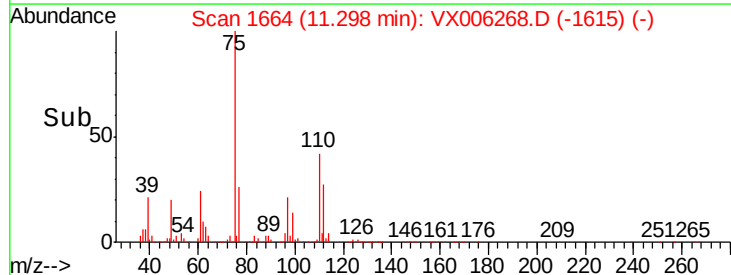
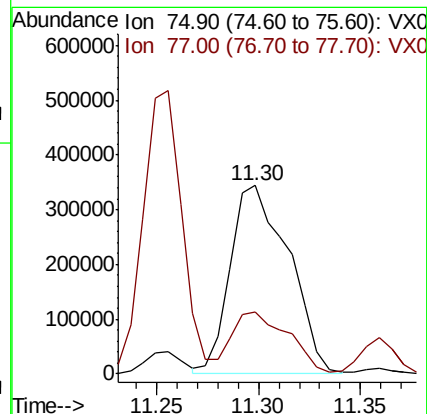
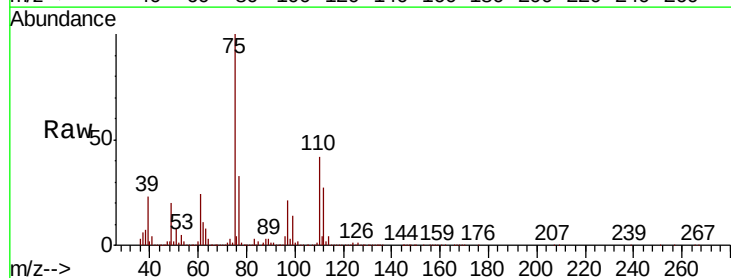
Acq: 04 Dec 2018 10:14

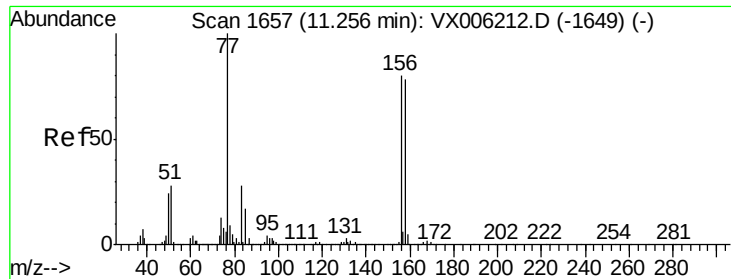
Tgt Ion: 75 Resp: 685759

Ion Ratio Lower Upper

75 100

77 31.1 19.9 59.7





#77

Bromobenzene

Concen: 55.623 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006268.D

Acq: 04 Dec 2018 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

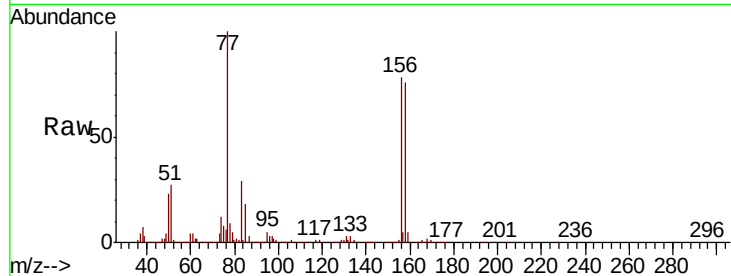
Tot Ion:156 Resp: 506672

Ion Ratio Lower Upper

156 100

77 135.9 66.2 198.6

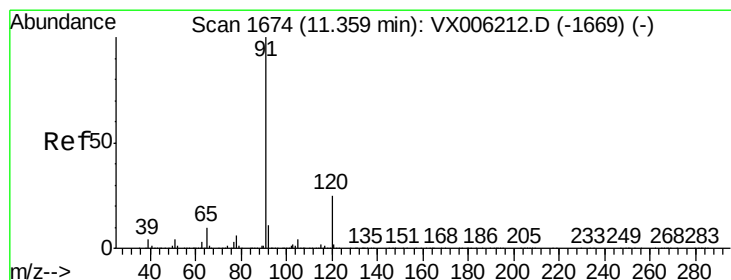
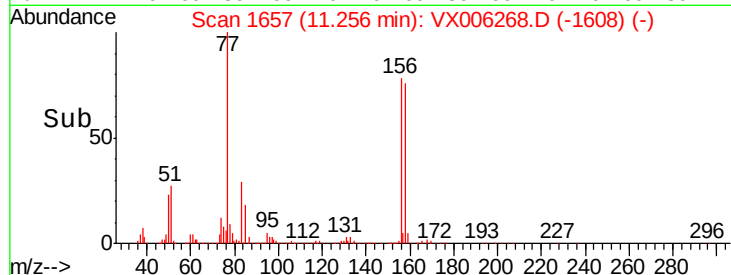
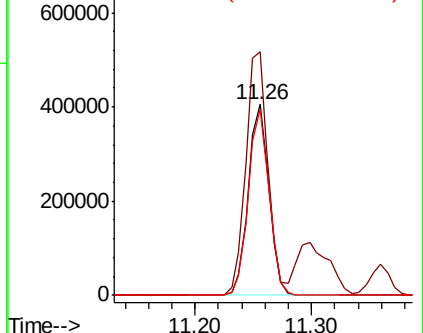
158 97.5 48.8 146.4



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: 58.095 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006268.D

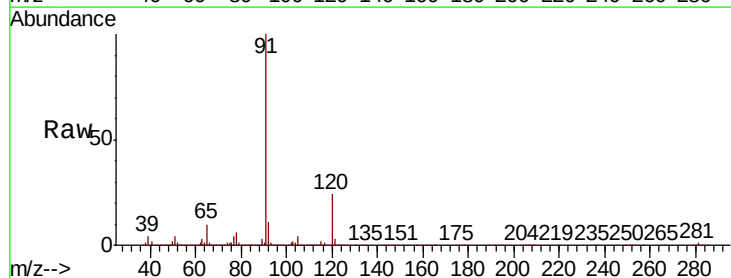
Acq: 04 Dec 2018 10:14

Tgt Ion: 91 Resp: 2119671

Ion Ratio Lower Upper

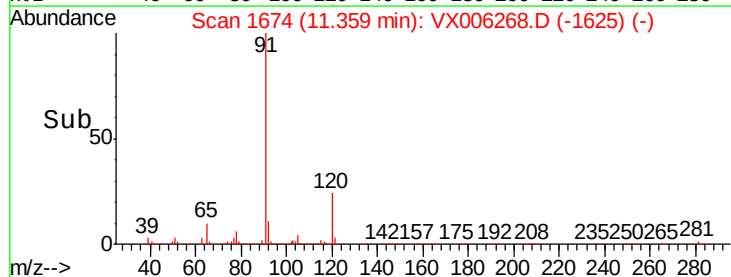
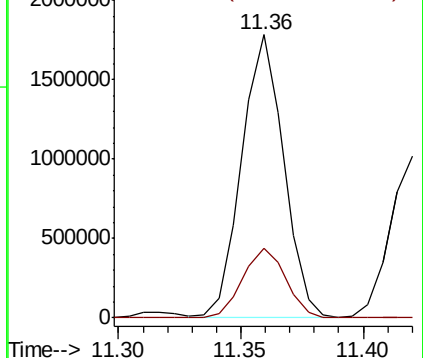
91 100

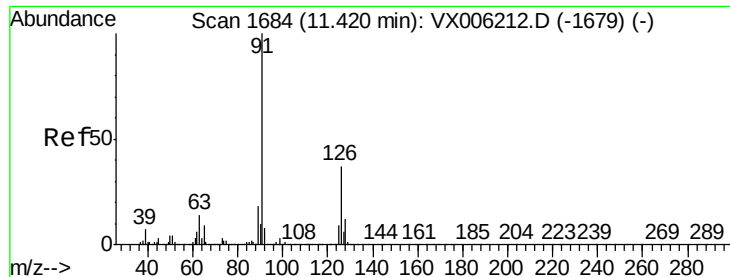
120 25.3 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 57.255 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006268.D

Acq: 04 Dec 2018 10:14

Instrument :

MSVOA_X

ClientSampleId :

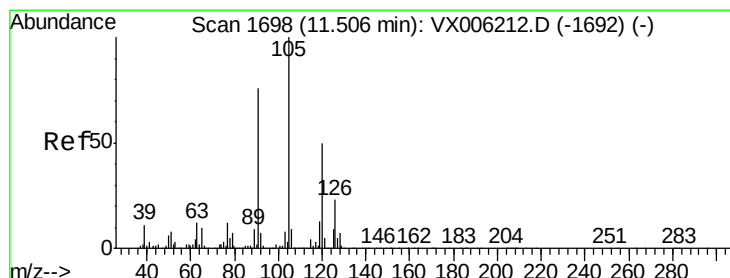
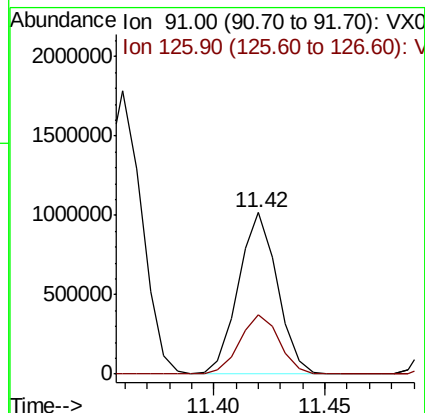
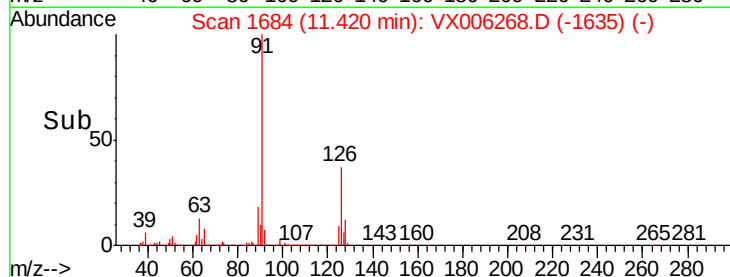
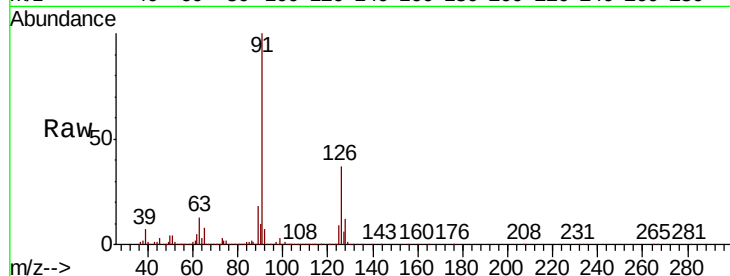
VSTDCCC050

Tot Ion: 91 Resp: 1241641

Ion Ratio Lower Upper

91 100

126 37.5 18.6 56.0



#80

1,3,5-Trimethylbenzene

Concen: 56.957 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006268.D

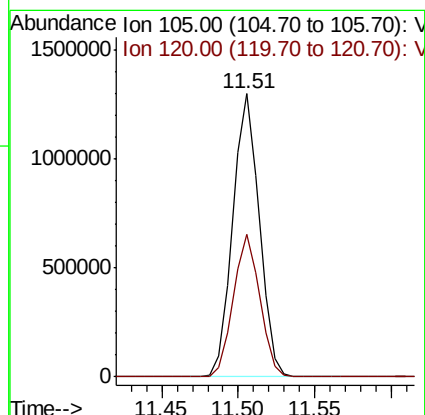
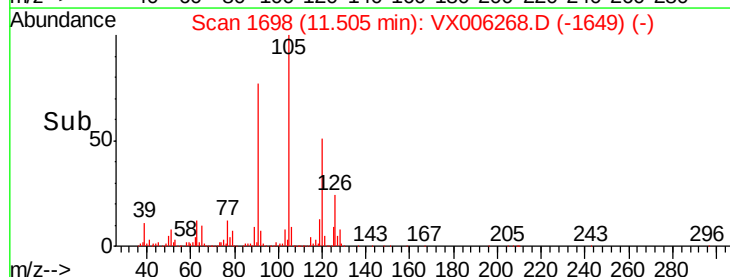
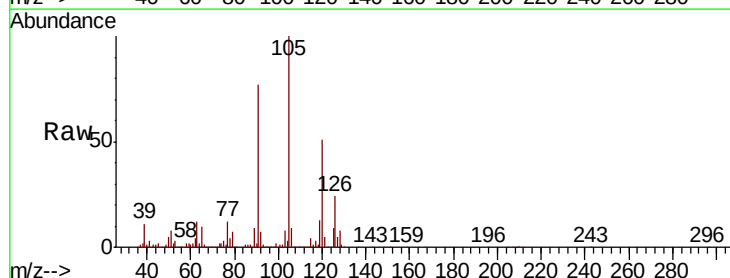
Acq: 04 Dec 2018 10:14

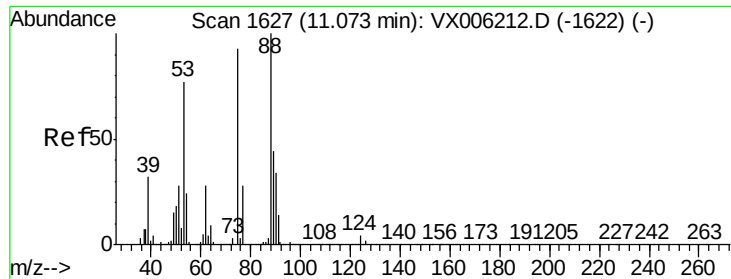
Tgt Ion:105 Resp: 1555513

Ion Ratio Lower Upper

105 100

120 50.4 25.4 76.0

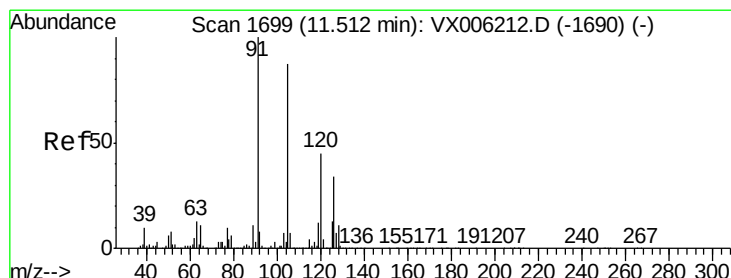
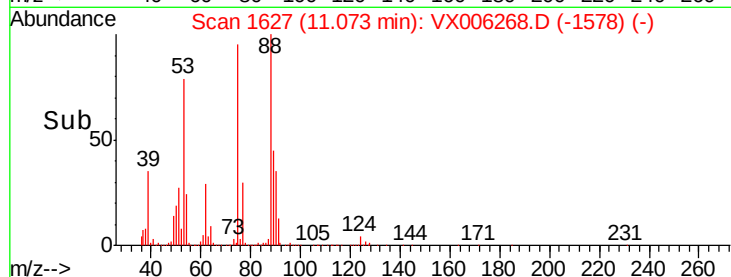
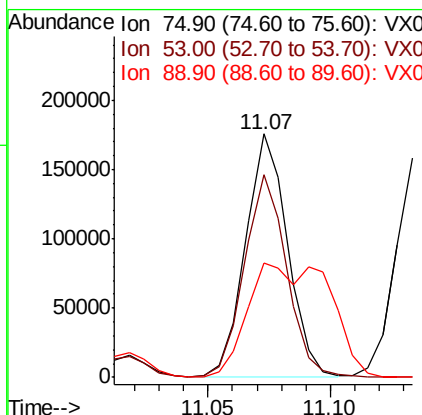
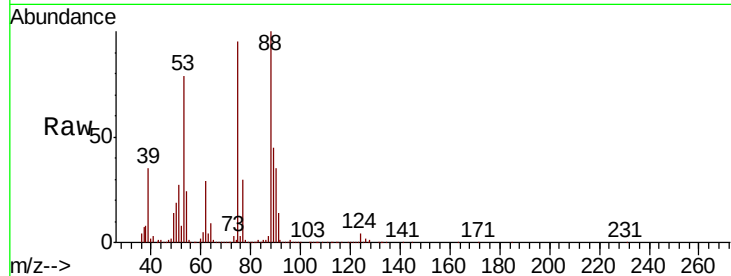




#81
trans-1,4-Dichloro-2-butene
Concen: 53.429 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX006268.D
Acq: 04 Dec 2018 10:14

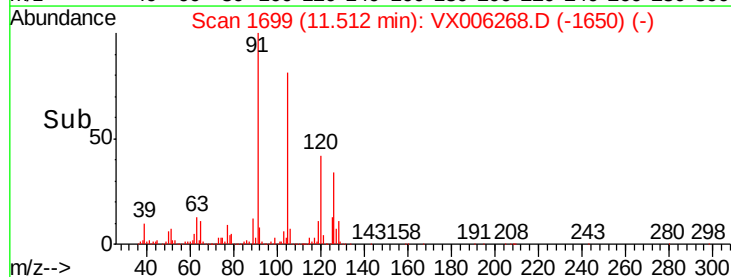
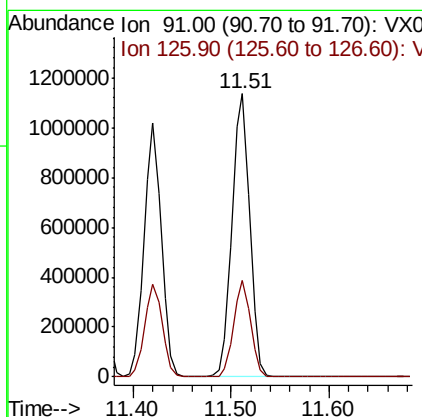
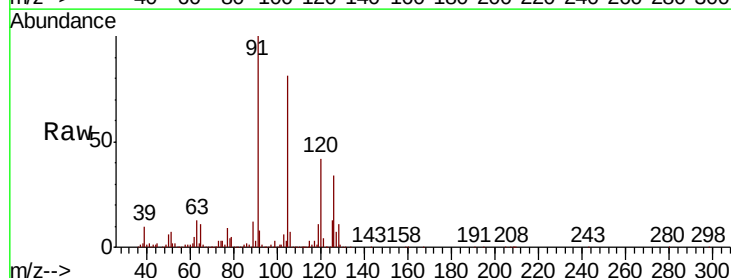
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

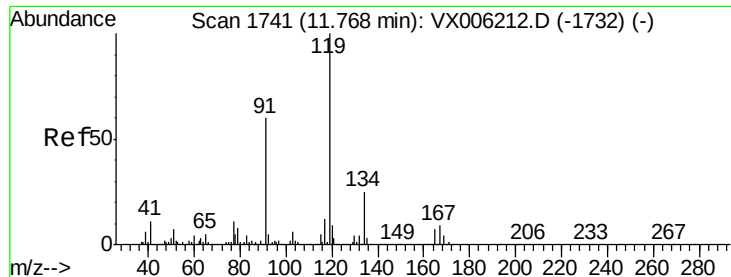
Tot Ion: 75 Resp: 208871
Ion Ratio Lower Upper
75 100
53 83.8 64.4 96.6
89 92.3 44.2 66.4#



#82
4-Chlorotoluene
Concen: 56.883 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX006268.D
Acq: 04 Dec 2018 10:14

Tgt Ion: 91 Resp: 1434228
Ion Ratio Lower Upper
91 100
126 32.5 16.4 49.4





#83

tert-Butylbenzene

Concen: 57.226 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006268.D

Acq: 04 Dec 2018 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

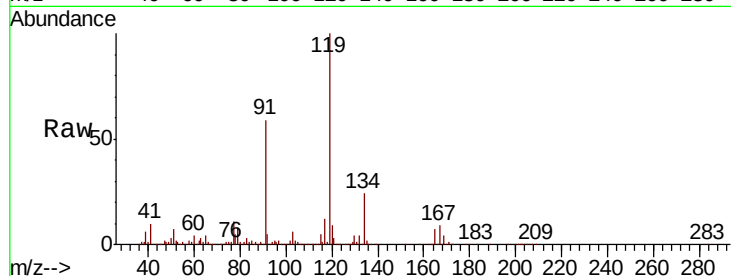
Tot Ion:119 Resp: 1667484

Ion Ratio Lower Upper

119 100

91 53.0 26.4 79.2

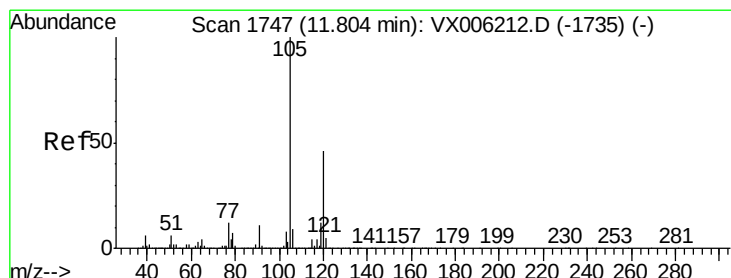
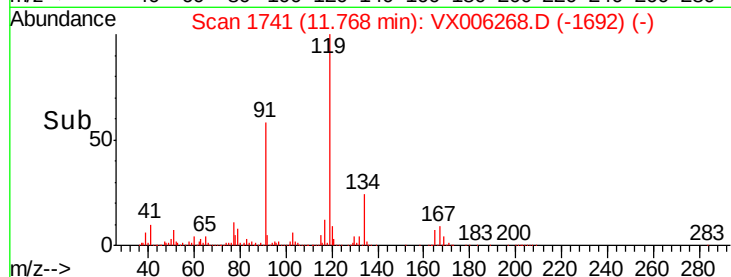
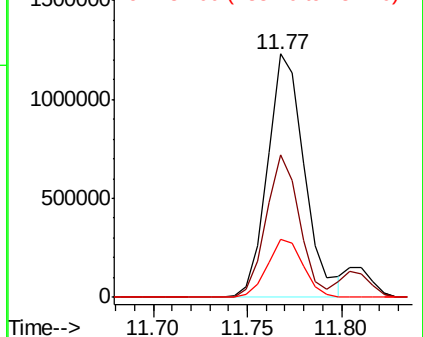
134 22.9 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 56.802 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006268.D

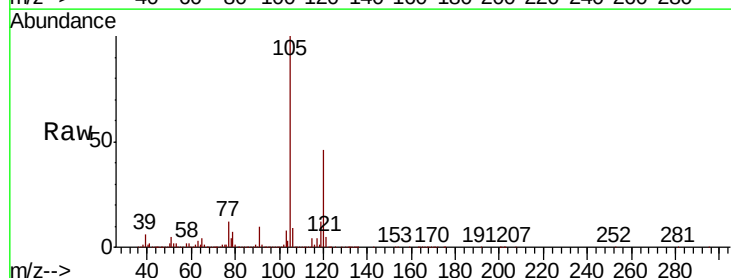
Acq: 04 Dec 2018 10:14

Tgt Ion:105 Resp: 1601825

Ion Ratio Lower Upper

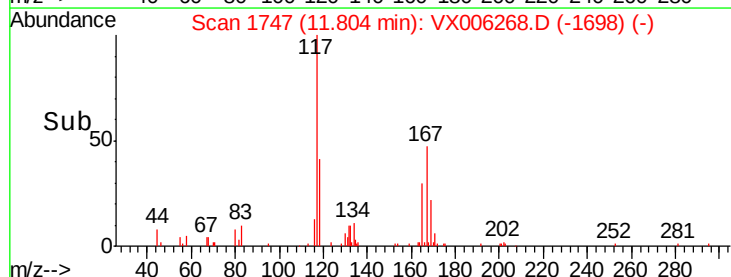
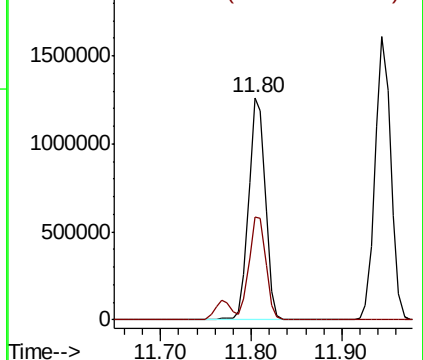
105 100

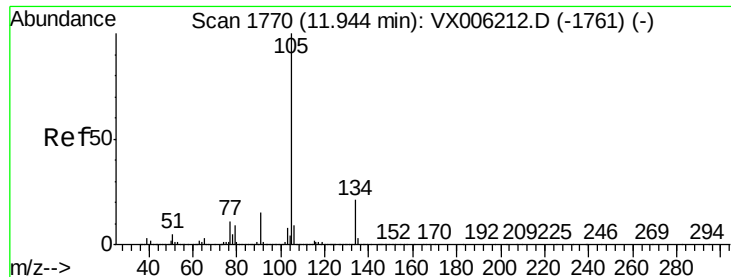
120 46.4 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 58.286 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006268.D

Acq: 04 Dec 2018 10:14

Instrument :

MSVOA_X

ClientSampleId :

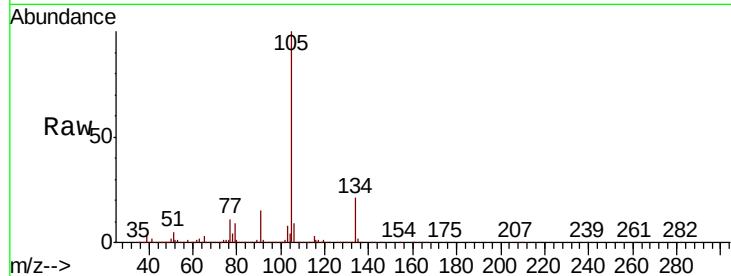
VSTDCCC050

Tot Ion:105 Resp: 1932160

Ion Ratio Lower Upper

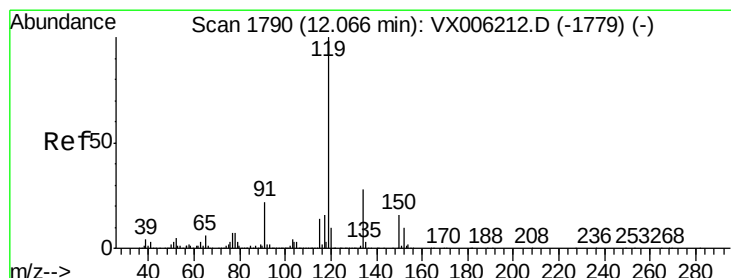
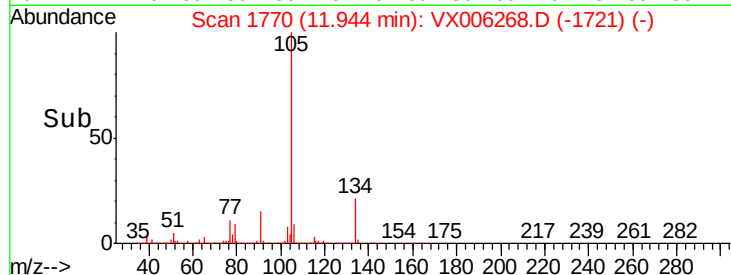
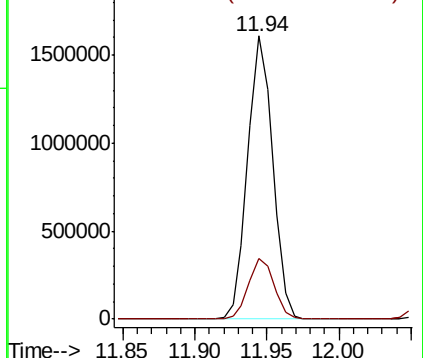
105 100

134 21.7 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 58.233 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX006268.D

Acq: 04 Dec 2018 10:14

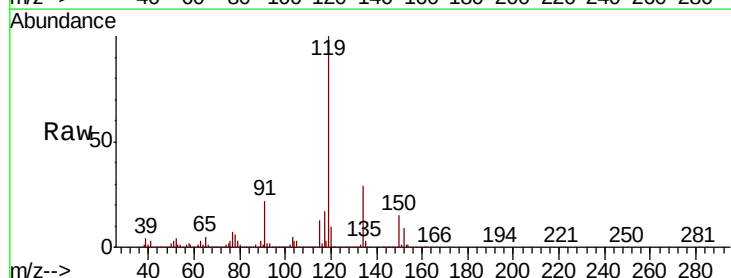
Tgt Ion:119 Resp: 1738250

Ion Ratio Lower Upper

119 100

134 27.9 13.9 41.6

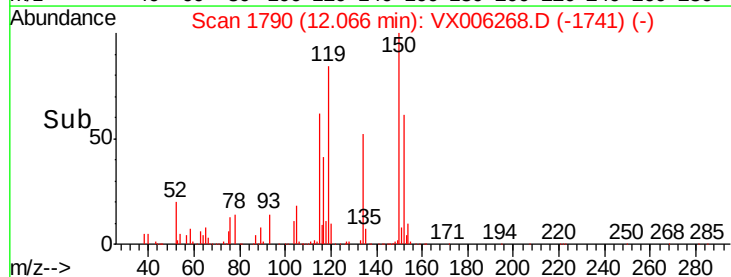
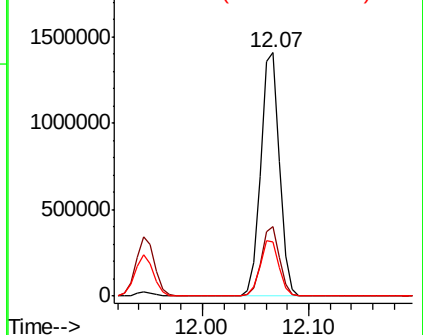
91 22.7 11.3 33.8

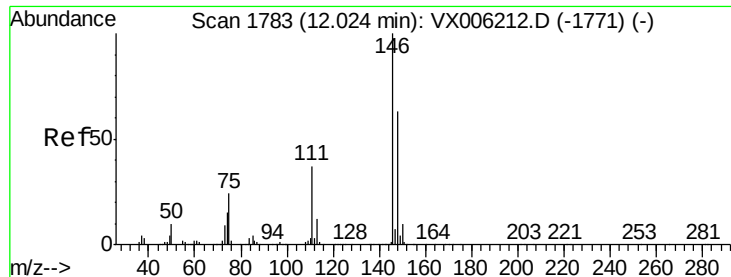


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 56.749 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX006268.D

Acq: 04 Dec 2018 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

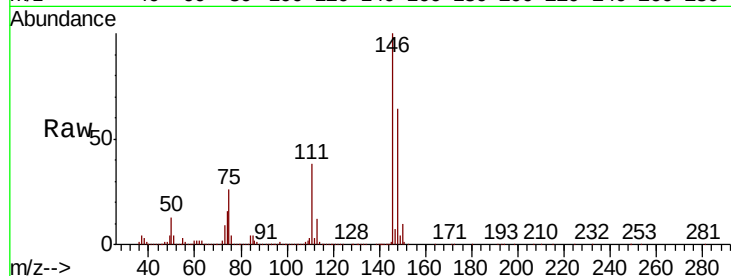
Tot Ion:146 Resp: 919807

Ion Ratio Lower Upper

146 100

111 37.6 18.4 55.2

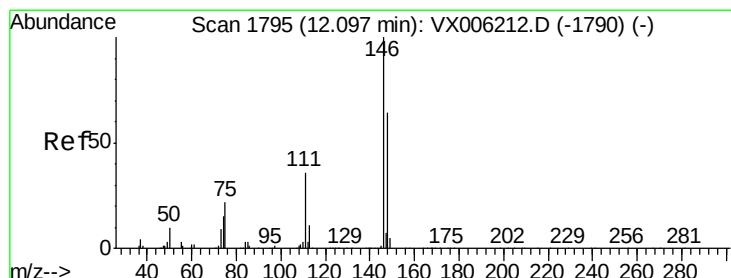
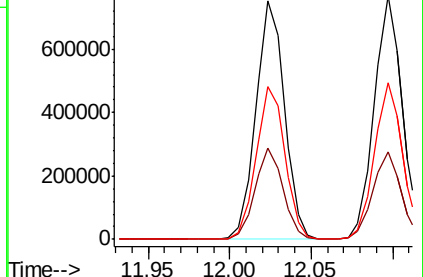
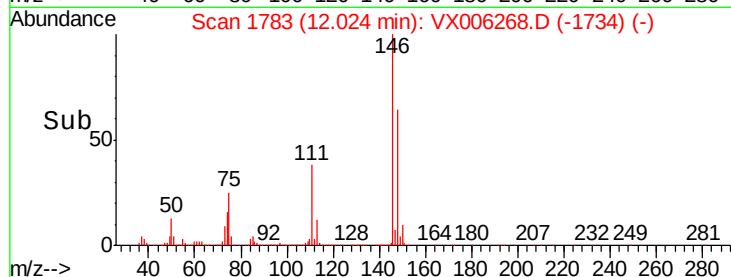
148 64.3 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 55.794 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX006268.D

Acq: 04 Dec 2018 10:14

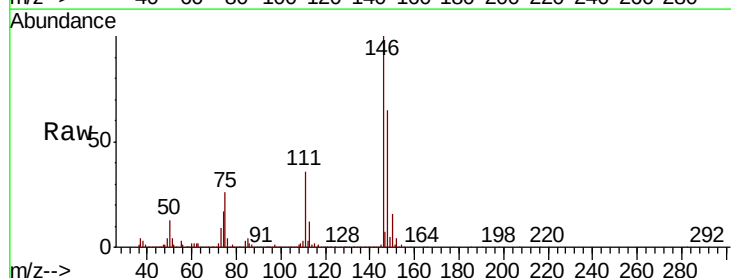
Tgt Ion:146 Resp: 917881

Ion Ratio Lower Upper

146 100

111 36.3 18.3 54.8

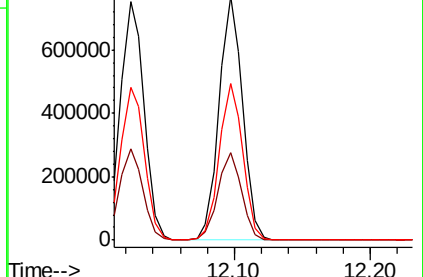
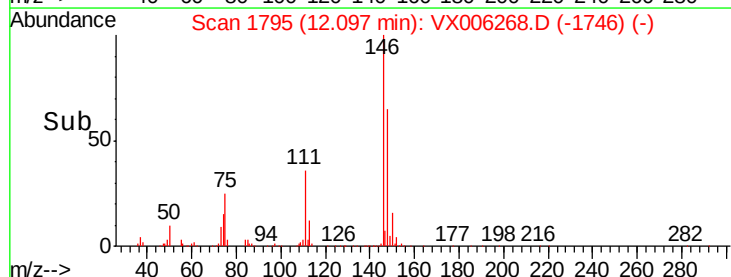
148 64.5 31.9 95.9

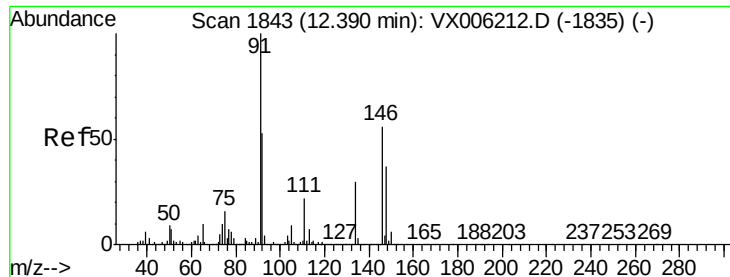


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 58.970 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006268.D

Acq: 04 Dec 2018 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

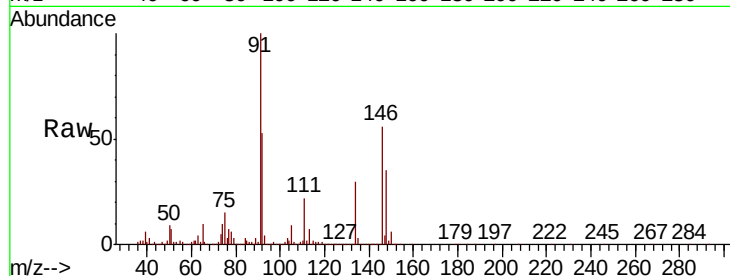
Tot Ion: 91 Resp: 1501937

Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.6	79.8
134	29.1	14.8	44.3

91 100

92 53.4 26.6 79.8

134 29.1 14.8 44.3

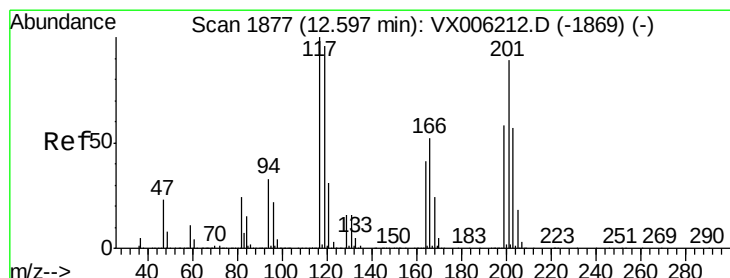
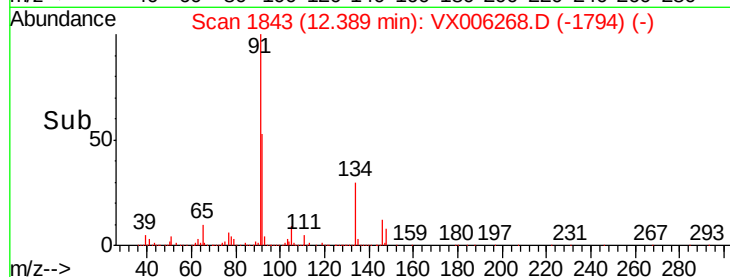
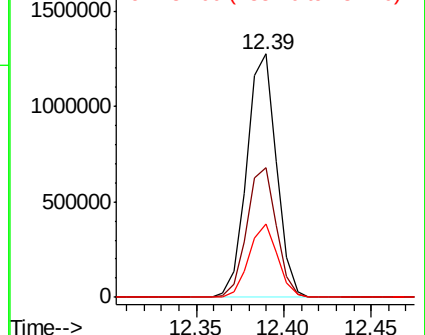


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 56.498 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX006268.D

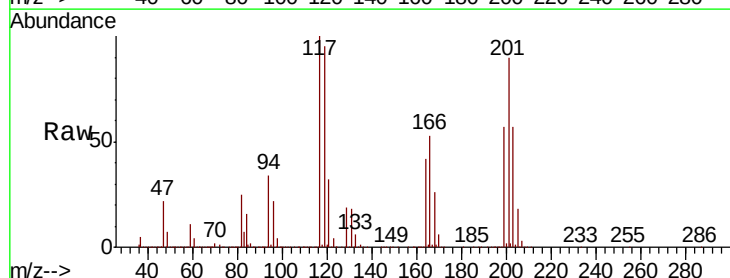
Acq: 04 Dec 2018 10:14

Tgt Ion: 117 Resp: 343720

Ion	Ratio	Lower	Upper
117	100		
201	88.3	44.7	134.1

117 100

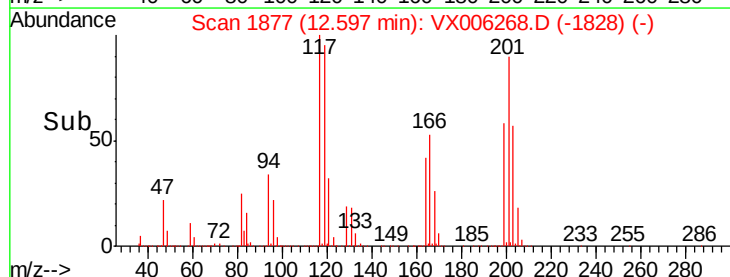
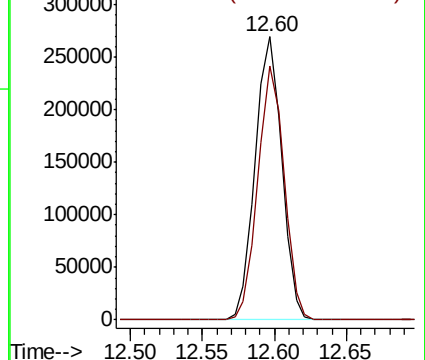
201 88.3 44.7 134.1

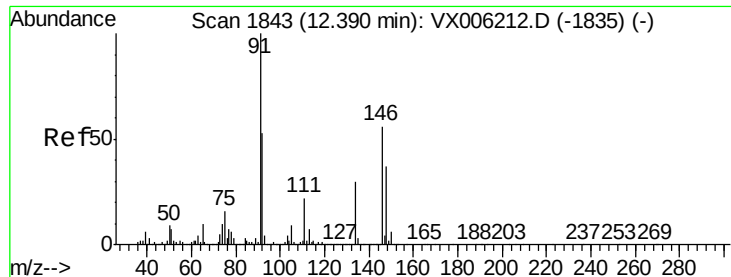


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

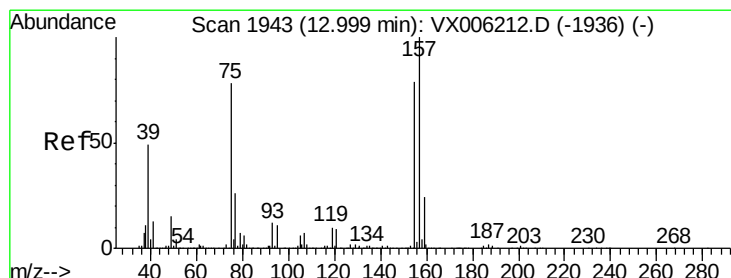
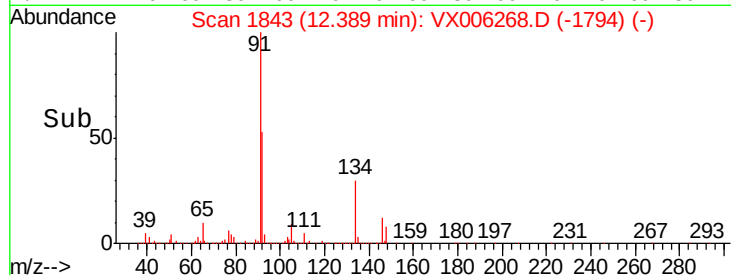
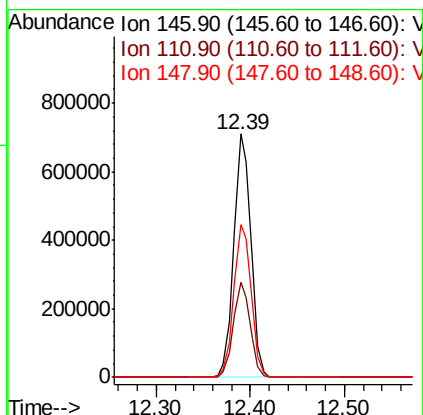
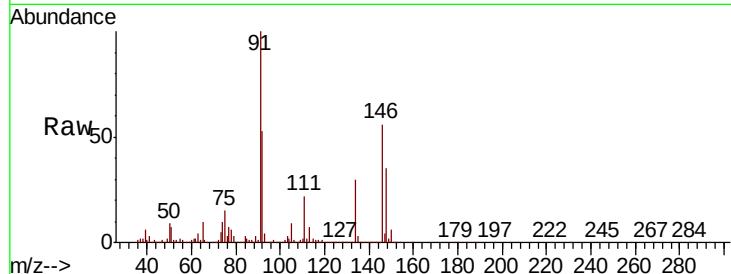




#91
 1,2-Dichlorobenzene
 Concen: 55.371 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006268.D
 Acq: 04 Dec 2018 10:14

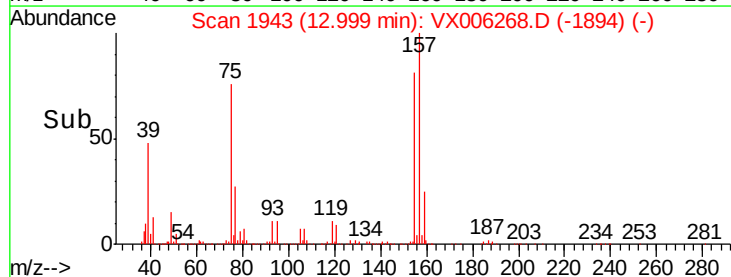
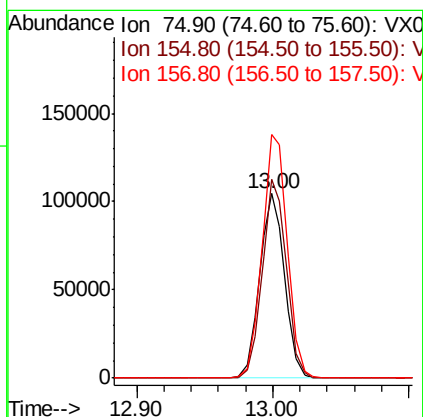
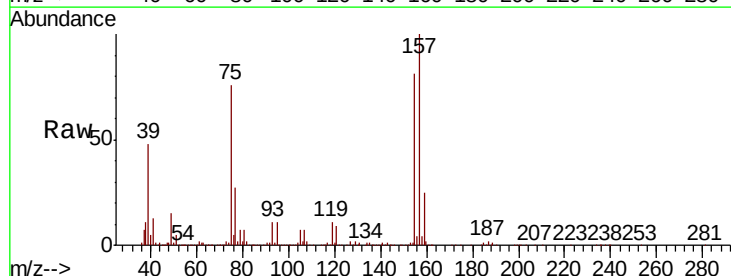
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

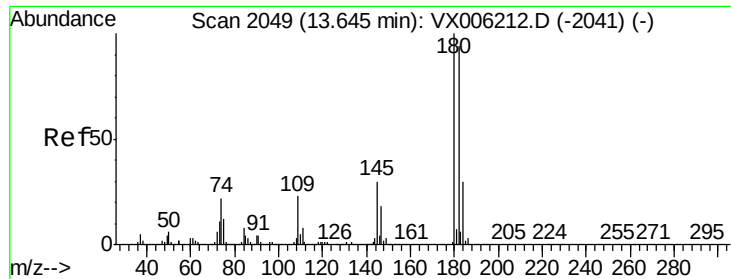
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.1	57.3
148	63.7	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.711 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX006268.D
 Acq: 04 Dec 2018 10:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	104.5	53.4	160.3
157	134.0	68.0	203.8

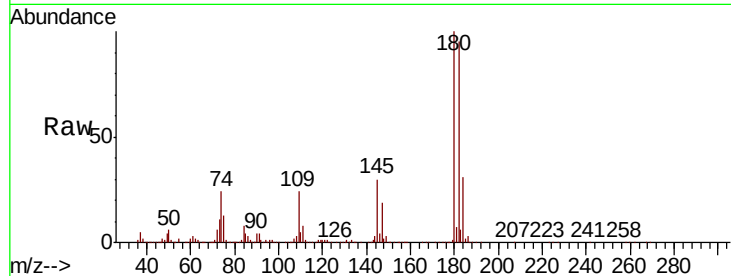




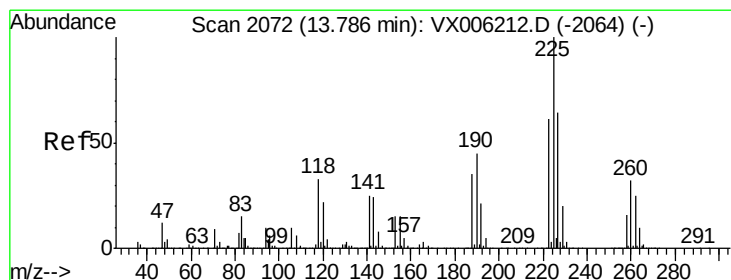
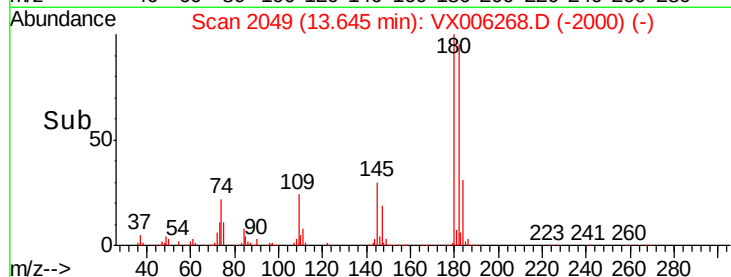
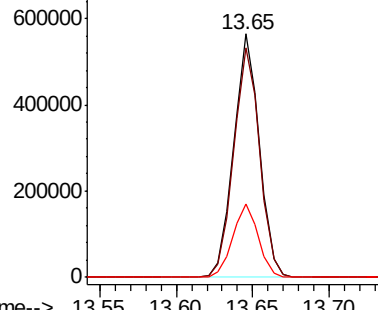
#93
 1,2,4-Trichlorobenzene
 Concen: 56.297 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006268.D
 Acq: 04 Dec 2018 10:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.3	141.9
145	29.8	14.6	43.8

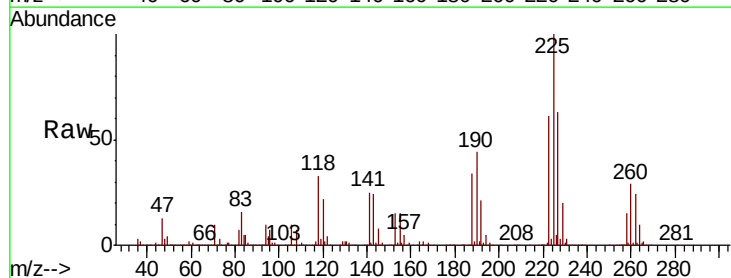


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

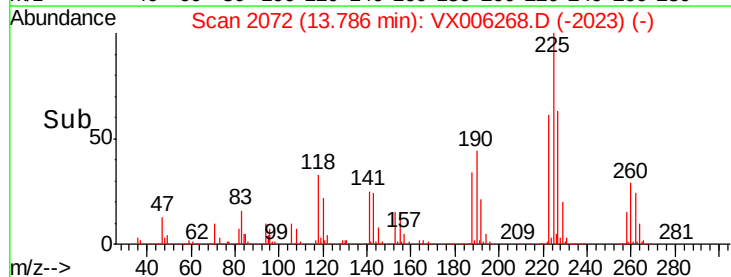
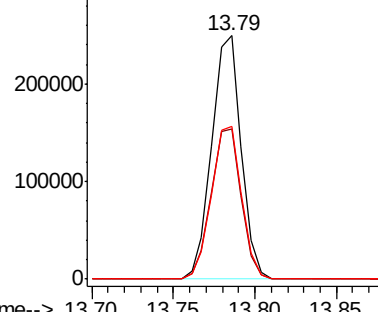


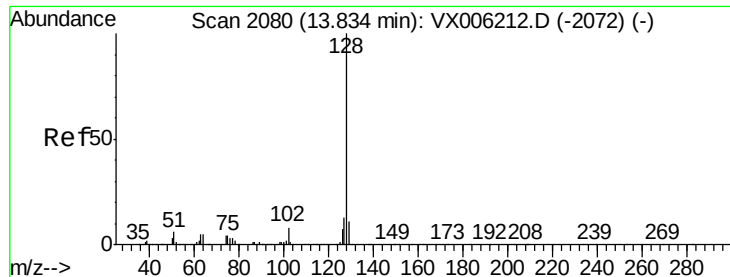
#94
 Hexachlorobutadiene
 Concen: 60.566 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX006268.D
 Acq: 04 Dec 2018 10:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.2	93.6
227	64.2	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

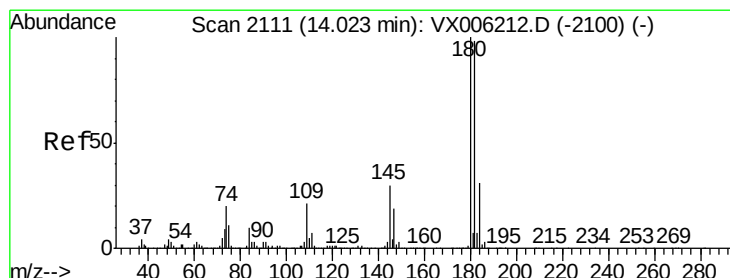
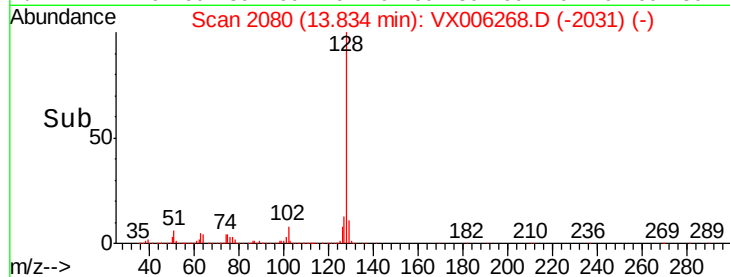
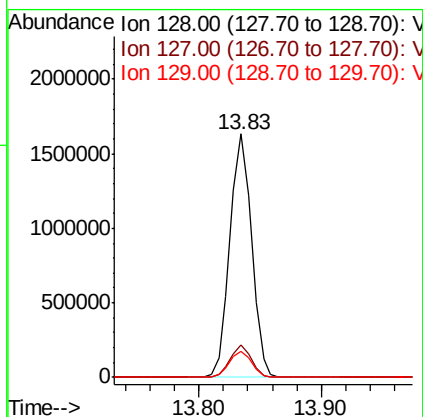
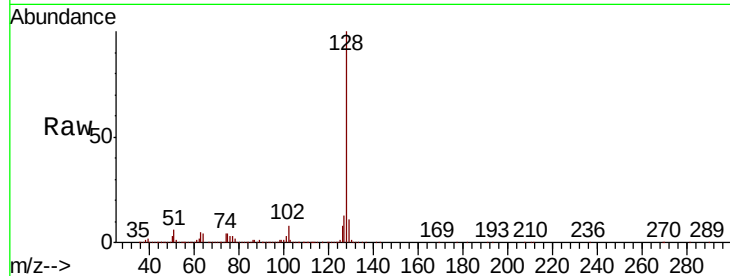




#95
Naphthalene
Concen: 54.654 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006268.D
Acq: 04 Dec 2018 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 1995208
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 56.181 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX006268.D
Acq: 04 Dec 2018 10:14

Tgt Ion:180 Resp: 653049
Ion Ratio Lower Upper
180 100
182 95.0 48.4 145.2
145 31.4 15.6 46.8

