

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010919\
 Data File : VX006979.D
 Acq On : 09 Jan 2019 21:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 10 01:00:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	563784	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	844172	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	757214	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	380667	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	287322	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
35) Dibromofluoromethane	5.51	113	263269	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
50) Toluene-d8	8.71	98	962414	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
62) 4-Bromofluorobenzene	11.13	95	334420	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	249594	53.911	ug/l	98
3) Chloromethane	1.33	50	272509	50.561	ug/l	98
4) Vinyl Chloride	1.41	62	289795	49.985	ug/l	98
5) Bromomethane	1.64	94	276043	44.564	ug/l	96
6) Chloroethane	1.71	64	186265	46.012	ug/l	96
7) Trichlorofluoromethane	1.93	101	469169	50.084	ug/l	99
8) Diethyl Ether	2.19	74	181986	48.831	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	262718	46.844	ug/l	99
10) Methyl Iodide	2.51	142	414088	54.736	ug/l	100
11) Tert butyl alcohol	3.08	59	306927	220.828	ug/l	100
12) 1,1-Dichloroethene	2.37	96	255789	49.365	ug/l	98
13) Acrolein	2.30	56	141711	236.575	ug/l	97
14) Allyl chloride	2.73	41	427731	48.166	ug/l	98
15) Acrylonitrile	3.15	53	805973	252.602	ug/l	100
16) Acetone	2.45	43	677282	232.517	ug/l	100
17) Carbon Disulfide	2.57	76	627288	47.021	ug/l	100
18) Methyl Acetate	2.78	43	481531	57.085	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	893041	49.656	ug/l	100
20) Methylene Chloride	2.85	84	284782	51.419	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	275904	47.781	ug/l	96
22) Diisopropyl ether	3.87	45	825195	49.428	ug/l	96
23) Vinyl Acetate	3.82	43	3445397	244.717	ug/l	99
24) 1,1-Dichloroethane	3.70	63	460084	49.285	ug/l	100
25) 2-Butanone	4.70	43	1019487	244.608	ug/l	100
26) 2,2-Dichloropropane	4.59	77	309068	43.055	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	307891	48.340	ug/l	99
28) Bromochloromethane	5.02	49	203573	49.773	ug/l	96
29) Tetrahydrofuran	5.15	42	674218	248.920	ug/l	97
30) Chloroform	5.21	83	490247	50.159	ug/l	99
31) Cyclohexane	5.57	56	408146	49.123	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	417248	50.365	ug/l	99
36) 1,1-Dichloropropene	5.80	75	348388	47.468	ug/l	99
37) Ethyl Acetate	4.85	43	390919	49.681	ug/l	98
38) Carbon Tetrachloride	5.78	117	363902	49.281	ug/l	98

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 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	435731	46.569	ug/l	99
40) Benzene	6.15	78	1086282	48.506	ug/l	99
41) Methacrylonitrile	5.06	41	215984	47.648	ug/l	99
42) 1,2-Dichloroethane	6.20	62	370601	47.889	ug/l	99
43) Isopropyl Acetate	6.46	43	624396	50.308	ug/l	98
44) Trichloroethene	7.21	130	315951	47.081	ug/l	98
45) 1,2-Dichloropropane	7.51	63	279222	49.594	ug/l	100
46) Dibromomethane	7.66	93	195733	49.467	ug/l	97
47) Bromodichloromethane	7.90	83	347558	51.604	ug/l	97
48) Methyl methacrylate	7.77	41	320963	50.357	ug/l	98
49) 1,4-Dioxane	7.75	88	122349	839.177	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1996499	250.302	ug/l	99
52) Toluene	8.79	92	697121	48.432	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	379152	50.768	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	422785	51.261	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	292498	50.769	ug/l	100
56) Ethyl methacrylate	9.18	69	425893	50.637	ug/l	96
57) 1,3-Dichloropropane	9.37	76	467629	49.544	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1067161	246.774	ug/l	99
59) 2-Hexanone	9.49	43	1494429	245.858	ug/l	99
60) Dibromochloromethane	9.59	129	303758	54.297	ug/l	98
61) 1,2-Dibromoethane	9.67	107	317320	50.030	ug/l	100
64) Tetrachloroethene	9.34	164	303404	46.281	ug/l	98
65) Chlorobenzene	10.14	112	796113	48.205	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	287849	51.811	ug/l	100
67) Ethyl Benzene	10.25	91	1332047	48.856	ug/l	97
68) m/p-Xylenes	10.36	106	1040439	96.858	ug/l	100
69) o-Xylene	10.70	106	507957	48.488	ug/l	98
70) Styrene	10.71	104	824905	49.718	ug/l	100
71) Bromoform	10.86	173	219918	44.788	ug/l	99
73) Isopropylbenzene	11.02	105	1337025	49.810	ug/l	98
74) N-amyl acetate	10.90	43	544749	50.406	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	420983	49.402	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	476831	61.813	ug/l	89
77) Bromobenzene	11.26	156	360340	48.720	ug/l	99
78) n-propylbenzene	11.36	91	1490862	50.594	ug/l	99
79) 2-Chlorotoluene	11.42	91	863369	48.673	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1108868	49.439	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	112247	44.373	ug/l	99
82) 4-Chlorotoluene	11.51	91	1013587	49.352	ug/l	99
83) tert-Butylbenzene	11.77	119	1128830	50.444	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1128867	50.051	ug/l	100
85) sec-Butylbenzene	11.94	105	1329283	49.739	ug/l	100
86) p-Isopropyltoluene	12.07	119	1189171	49.746	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	639510	47.838	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	640966	50.603	ug/l	99
89) n-Butylbenzene	12.39	91	1009532	49.540	ug/l	99
90) Hexachloroethane	12.60	117	184229	48.375	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	636710	48.263	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	88142	52.299	ug/l	99

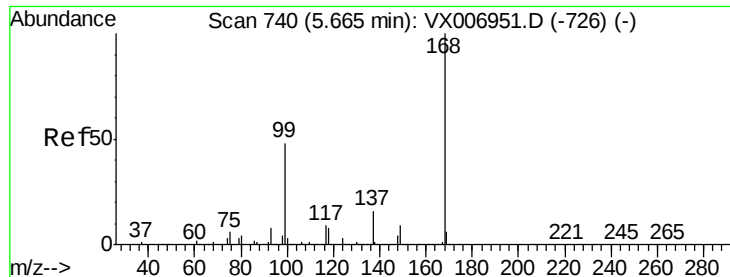
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	440685	48.689	ug/l	99
94) Hexachlorobutadiene	13.78	225	195685	48.720	ug/l	99
95) Naphthalene	13.83	128	1378136	50.248	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	436289	48.524	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

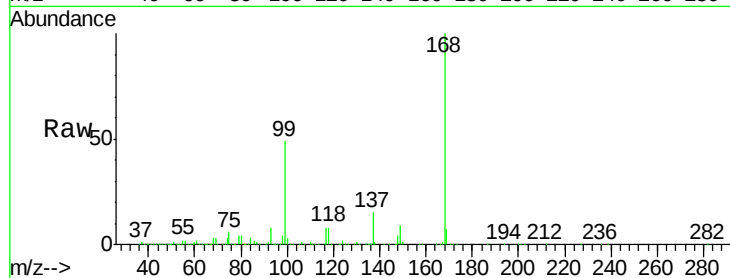
ClientSampled :

Tot Ion:168 Resp: 563784

Ion Ratio Lower Upper

168 100

99 48.4 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

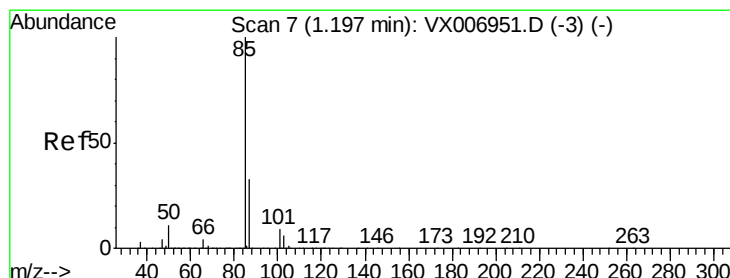
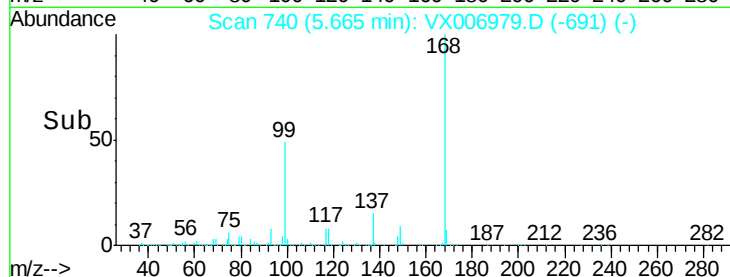
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 53.911 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006979.D

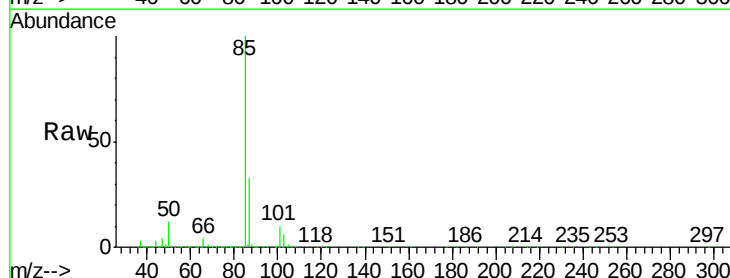
Acq: 09 Jan 2019 21:26

Tgt Ion: 85 Resp: 249594

Ion Ratio Lower Upper

85 100

87 32.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

250000

200000

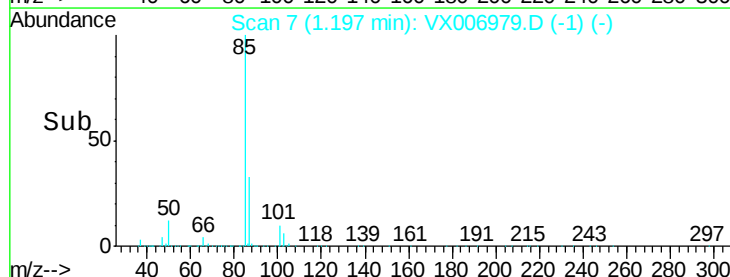
150000

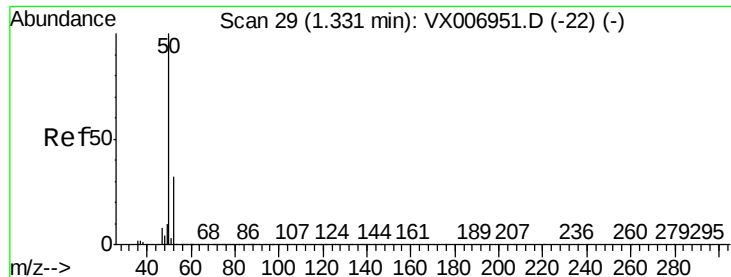
100000

50000

0

Time--> 1.10 1.20 1.30





#3

Chloromethane

Concen: 50.561 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

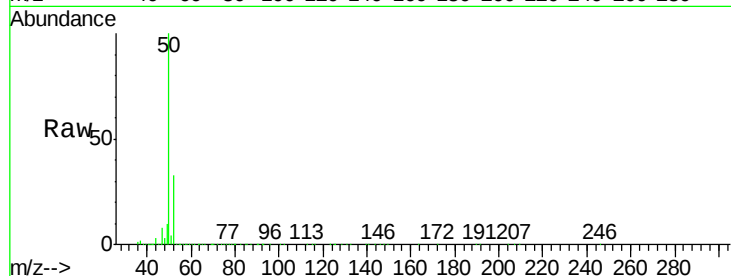
ClientSampled :

Tot Ion: 50 Resp: 272509

Ion Ratio Lower Upper

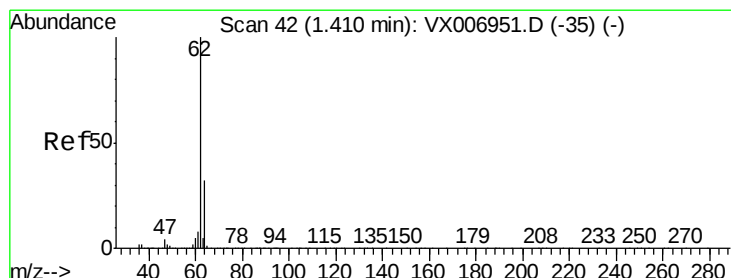
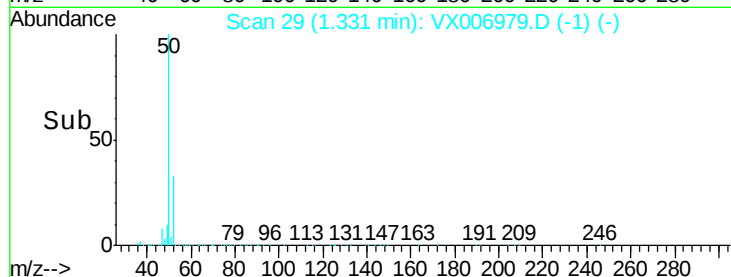
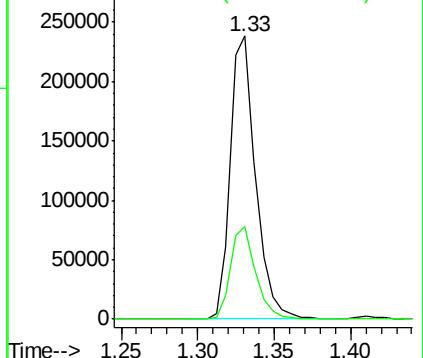
50 100

52 32.8 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.985 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006979.D

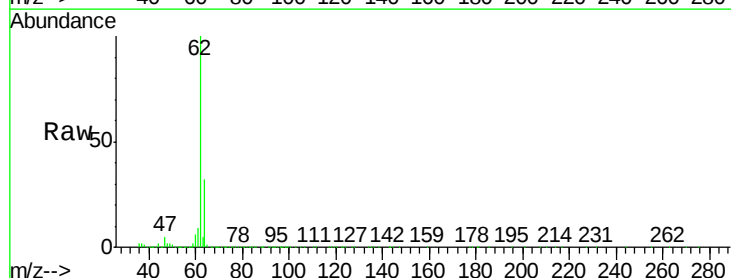
Acq: 09 Jan 2019 21:26

Tgt Ion: 62 Resp: 289795

Ion Ratio Lower Upper

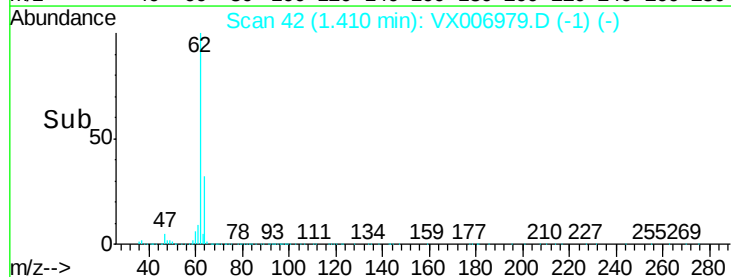
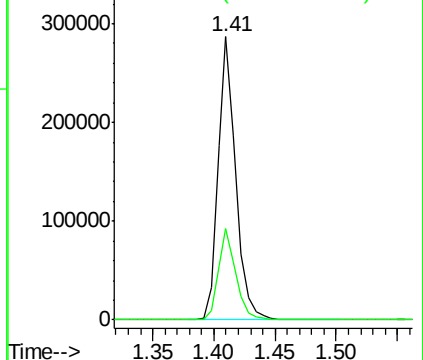
62 100

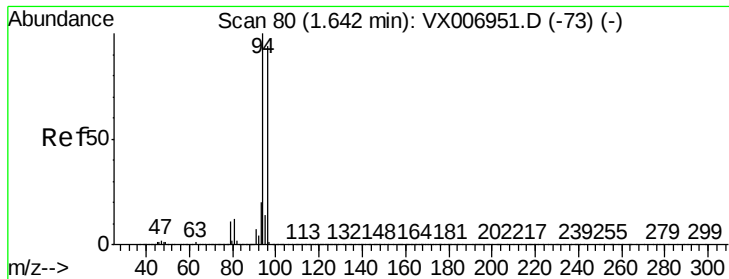
64 32.3 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 44.564 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

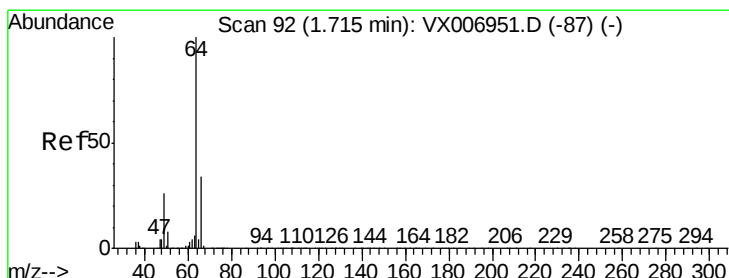
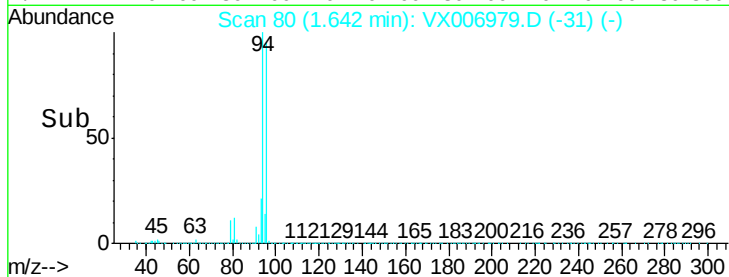
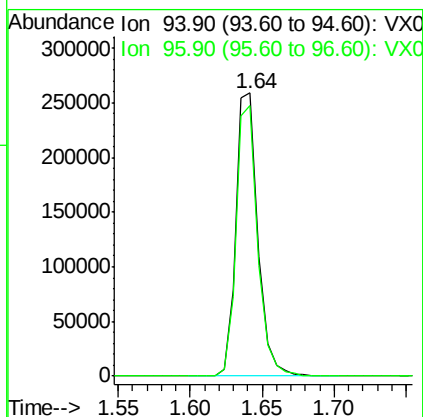
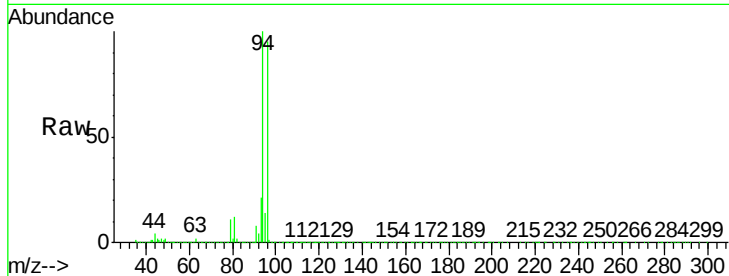
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 94 Resp: 276043

Ion Ratio Lower Upper

94 100

96 95.5 73.4 110.2



#6

Chloroethane

Concen: 46.012 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX006979.D

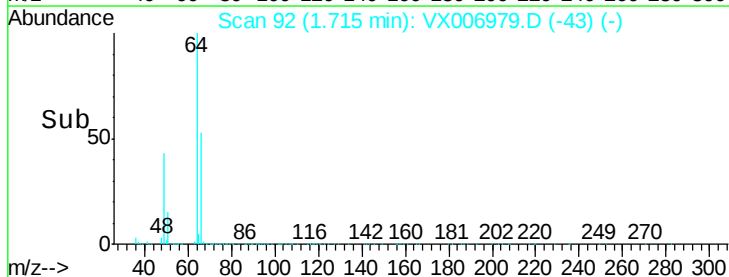
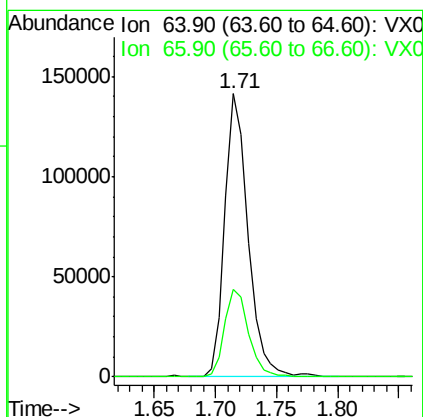
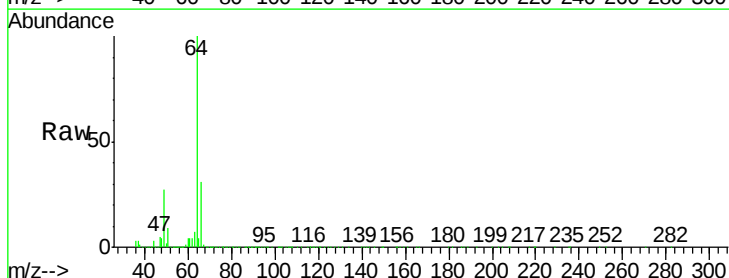
Acq: 09 Jan 2019 21:26

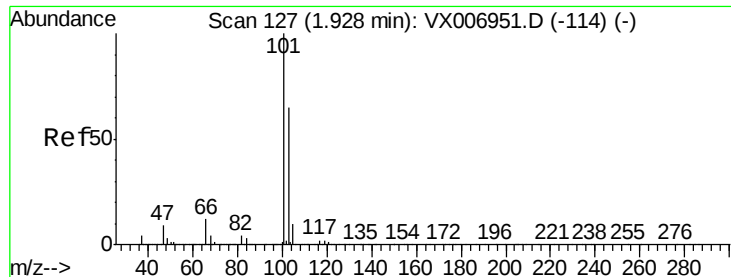
Tgt Ion: 64 Resp: 186265

Ion Ratio Lower Upper

64 100

66 31.0 26.4 39.6



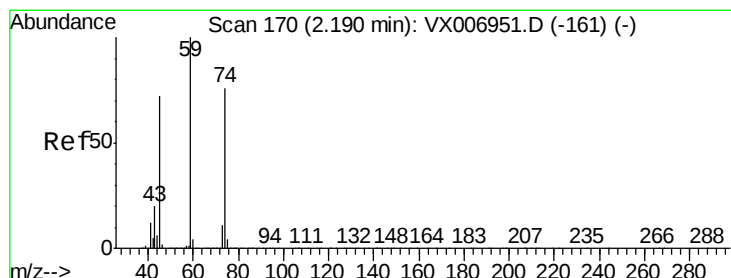
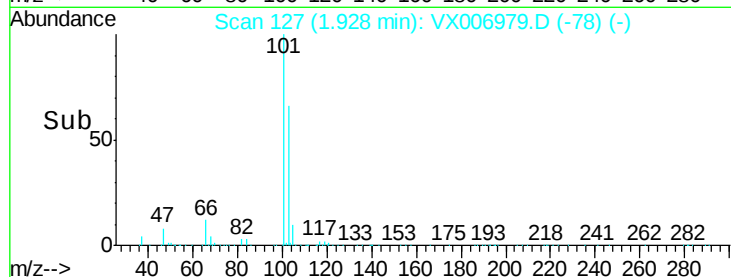
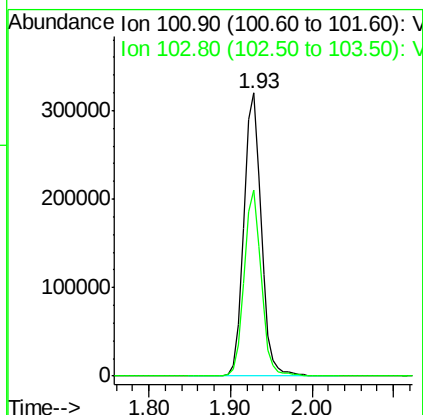
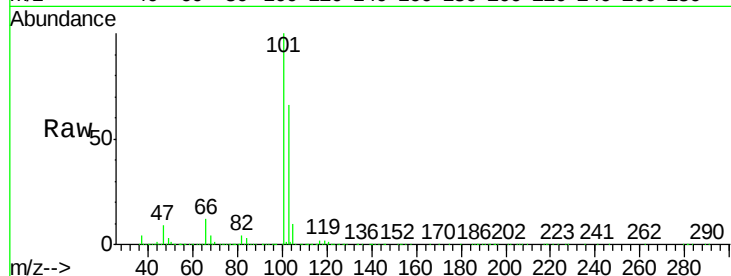


#7

Trichlorofluoromethane
Concen: 50.084 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Instrument :
MSVOA_X
ClientSampleId :

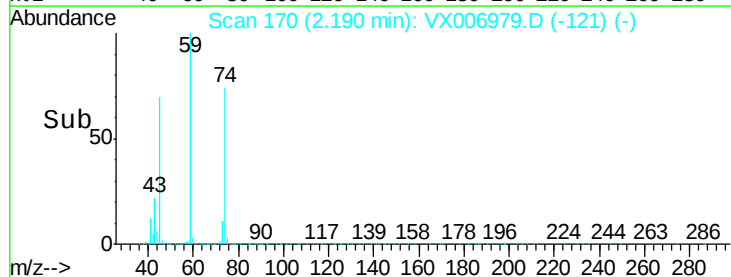
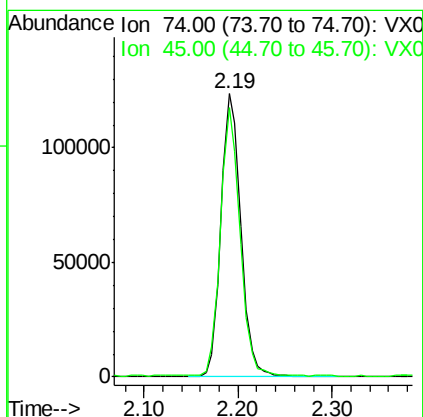
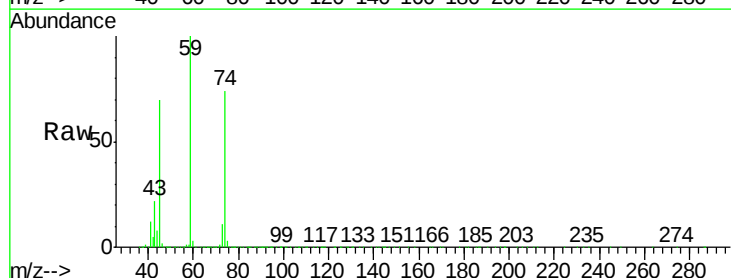
Tot Ion:101 Resp: 469169
Ion Ratio Lower Upper
101 100
103 65.7 53.2 79.8

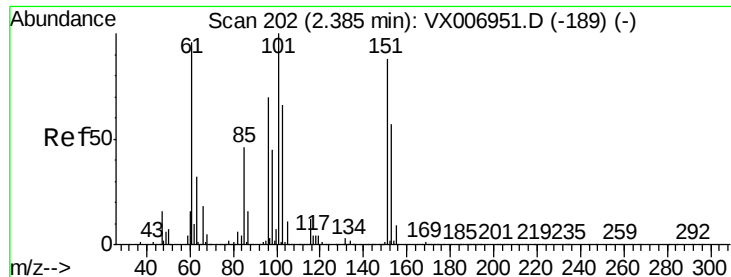


#8

Diethyl Ether
Concen: 48.831 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Tgt Ion: 74 Resp: 181986
Ion Ratio Lower Upper
74 100
45 92.6 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.844 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

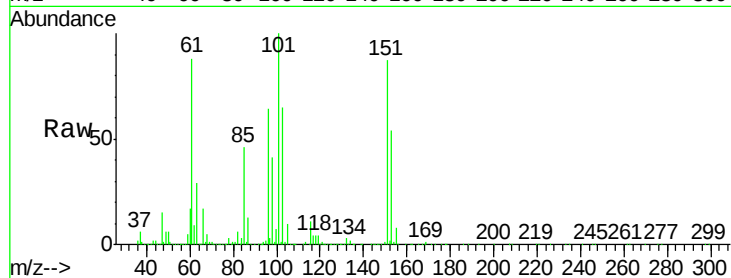
Tot Ion:101 Resp: 262718

Ion Ratio Lower Upper

101 100

85 44.5 35.1 52.7

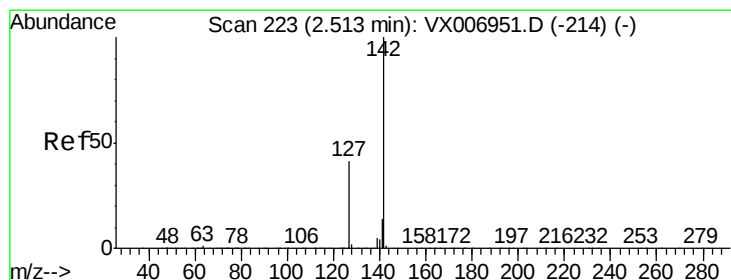
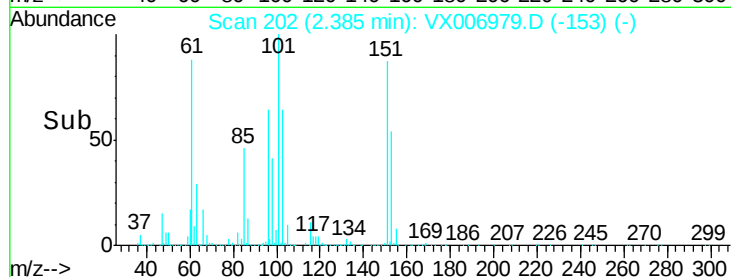
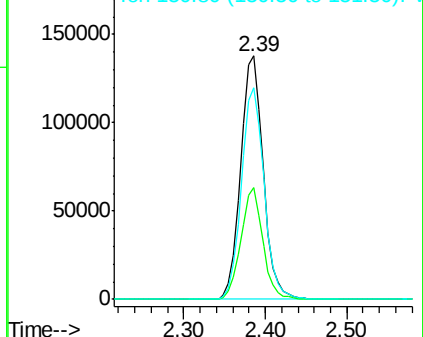
151 87.6 68.9 103.3



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: 54.736 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

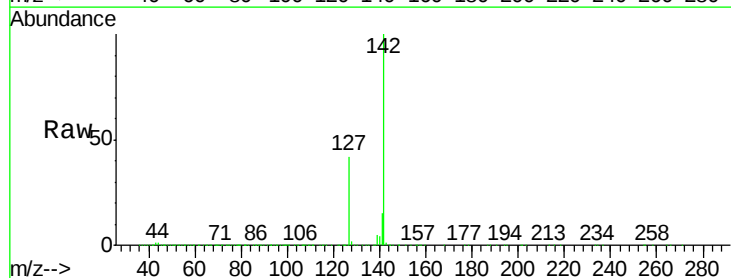
Tgt Ion:142 Resp: 414088

Ion Ratio Lower Upper

142 100

127 42.5 33.9 50.9

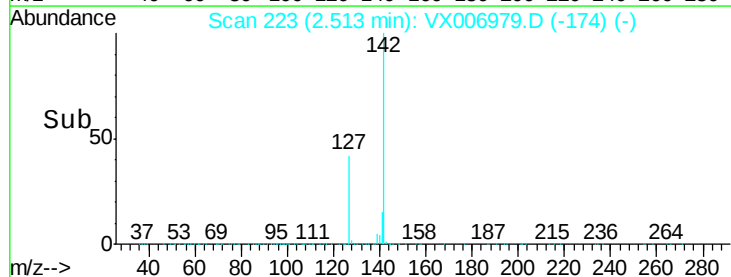
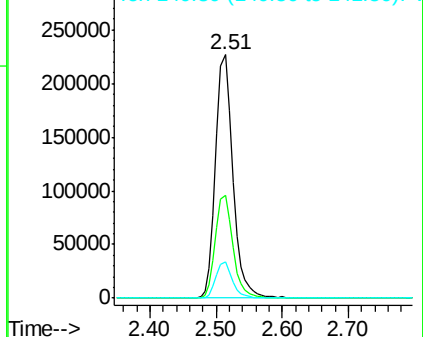
141 14.1 11.4 17.0

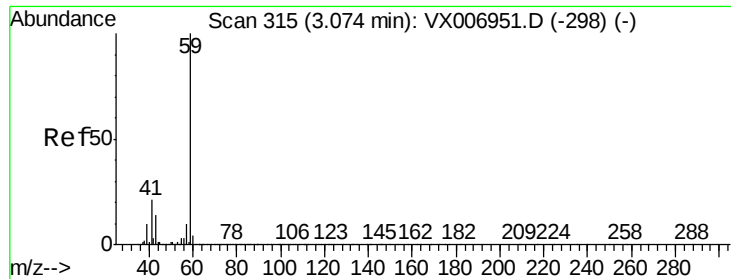


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



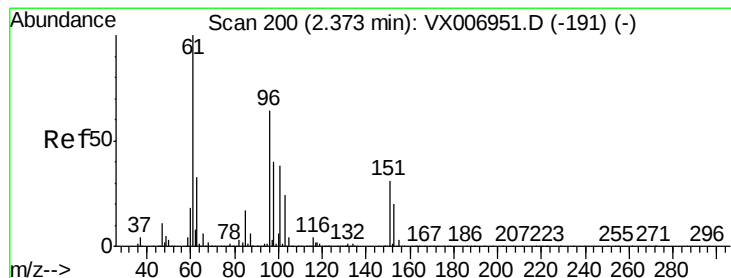
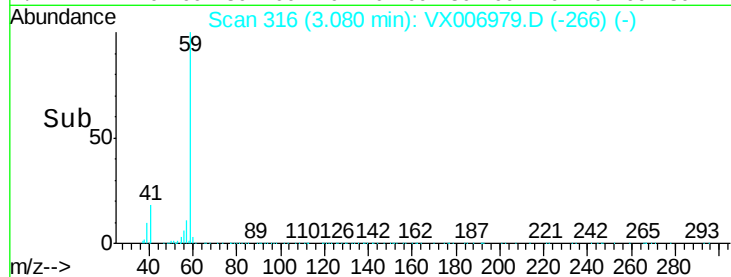
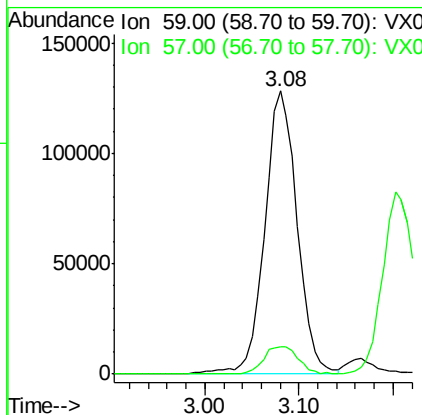
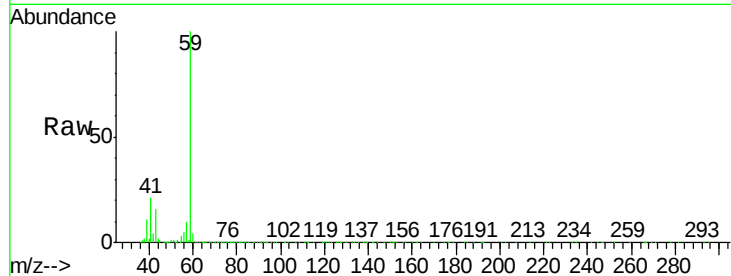


#11

Tert butyl alcohol
Concen: 220.828 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Instrument :
MSVOA_X
ClientSampled :

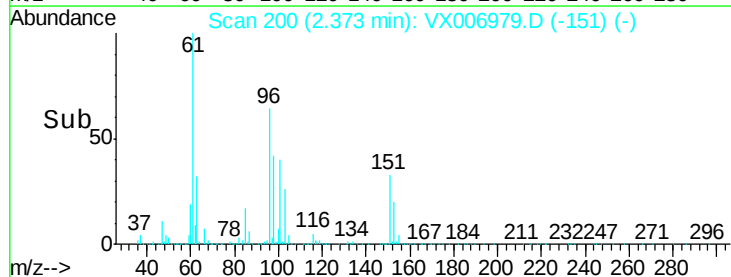
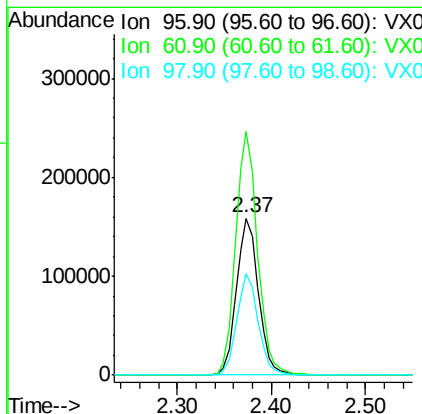
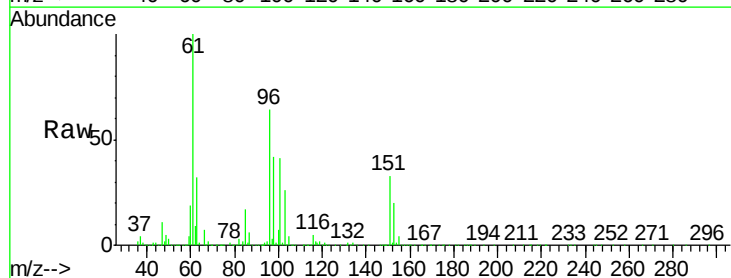
Tot Ion: 59 Resp: 306927
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7

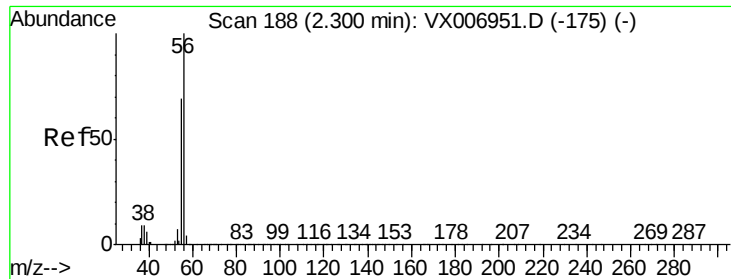


#12

1,1-Dichloroethene
Concen: 49.365 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Tgt Ion: 96 Resp: 255789
Ion Ratio Lower Upper
96 100
61 155.4 121.4 182.2
98 64.7 51.9 77.9





#13

Acrolein

Concen: 236.575 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

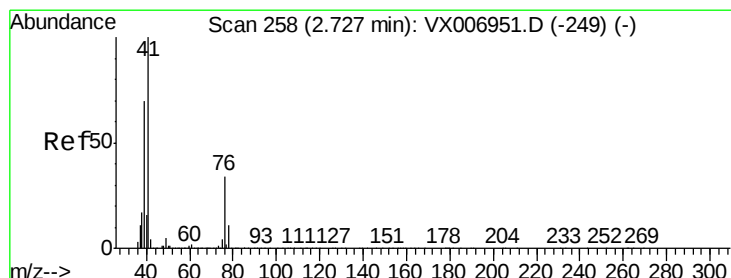
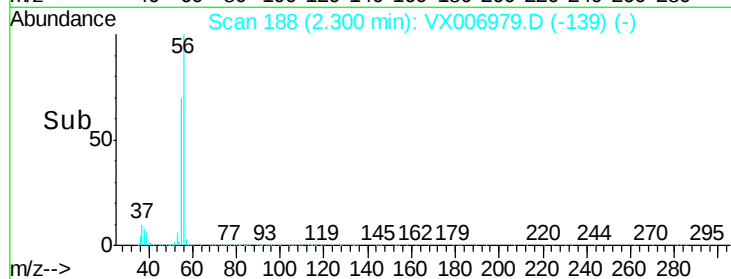
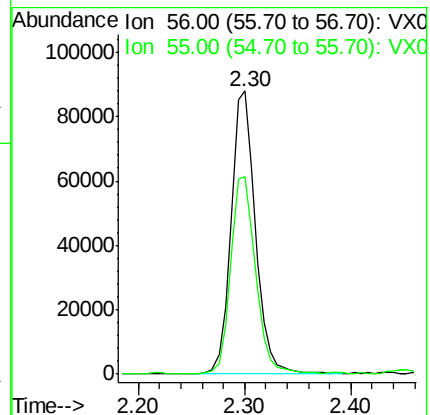
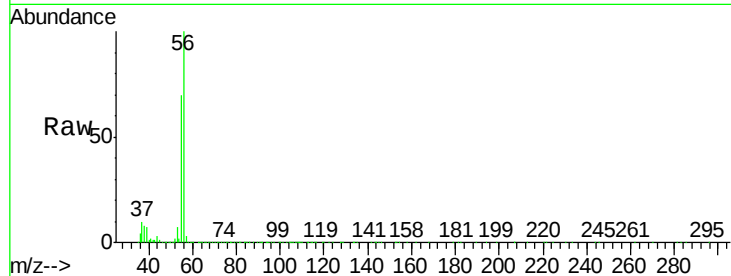
ClientSampleId :

Tot Ion: 56 Resp: 141711

Ion Ratio Lower Upper

56 100

55 70.4 58.2 87.4



#14

Allyl chloride

Concen: 48.166 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

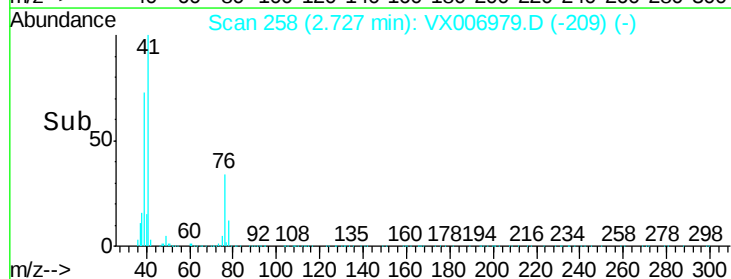
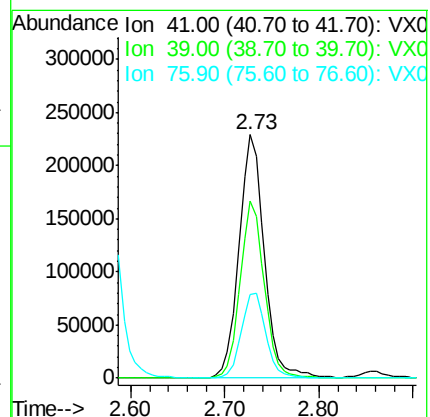
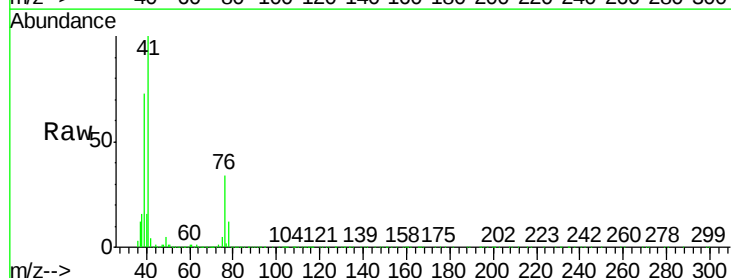
Tgt Ion: 41 Resp: 427731

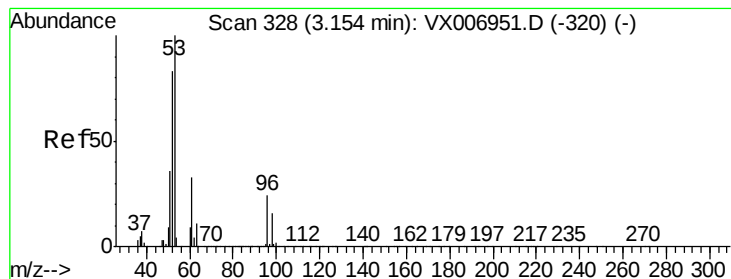
Ion Ratio Lower Upper

41 100

39 69.4 53.6 80.4

76 34.1 27.4 41.2





#15

Acrylonitrile

Concen: 252.602 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :
MSVOA_X
ClientSampleId :

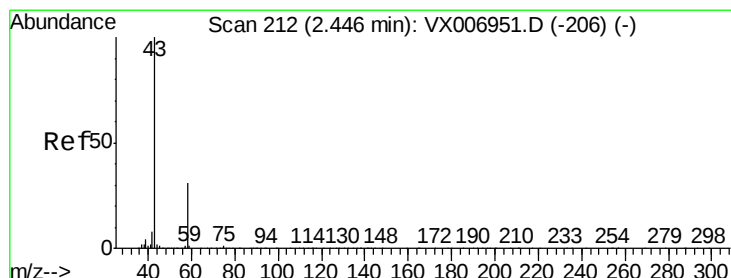
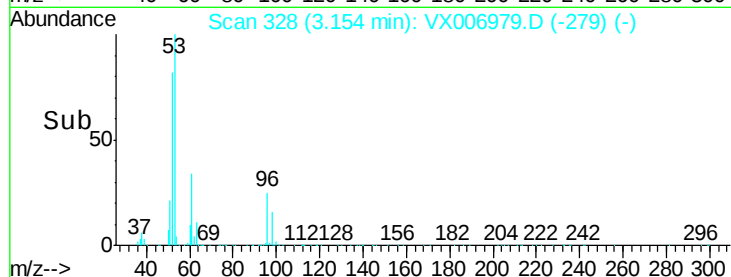
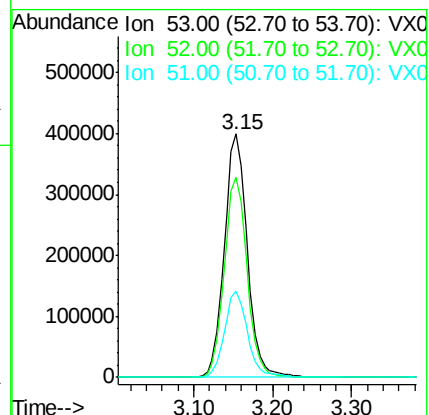
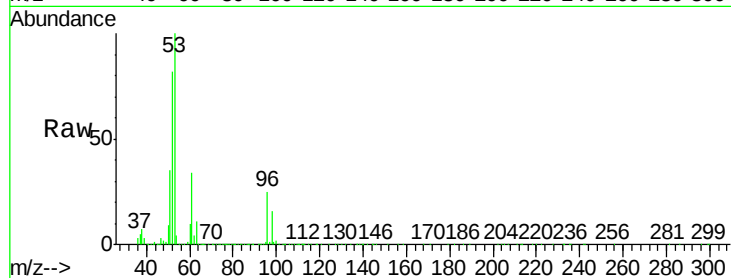
Tot Ion: 53 Resp: 805973

Ion Ratio Lower Upper

53 100

52 82.1 66.0 99.0

51 35.5 28.6 42.8



#16

Acetone

Concen: 232.517 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX006979.D

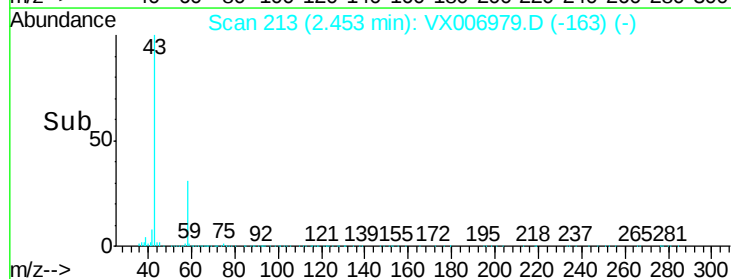
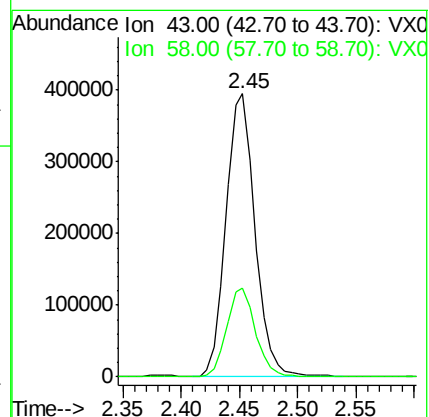
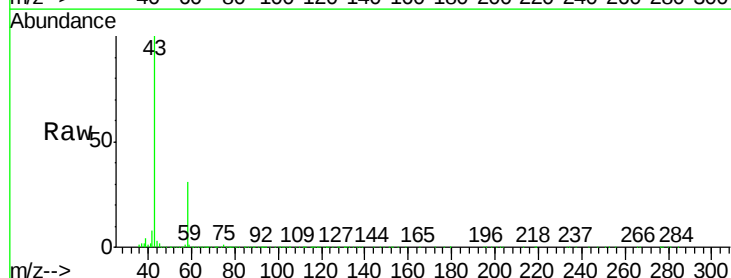
Acq: 09 Jan 2019 21:26

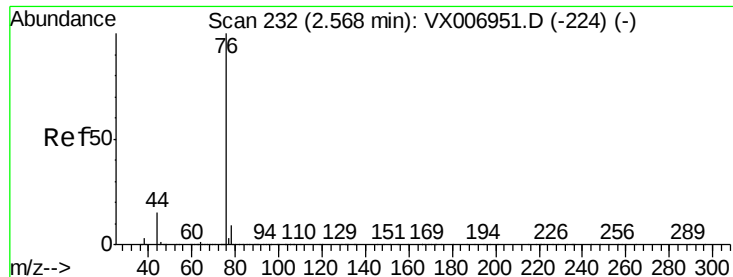
Tgt Ion: 43 Resp: 677282

Ion Ratio Lower Upper

43 100

58 31.4 25.0 37.6





#17

Carbon Disulfide

Concen: 47.021 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

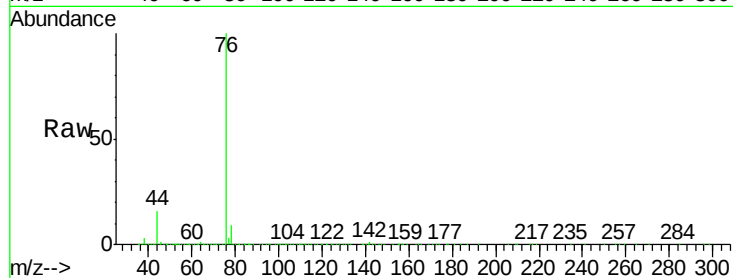
ClientSampleId :

Tot Ion: 76 Resp: 627288

Ion Ratio Lower Upper

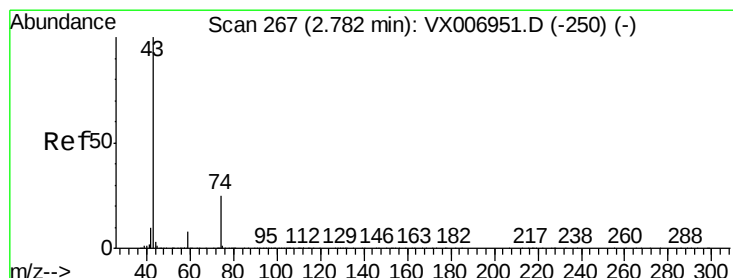
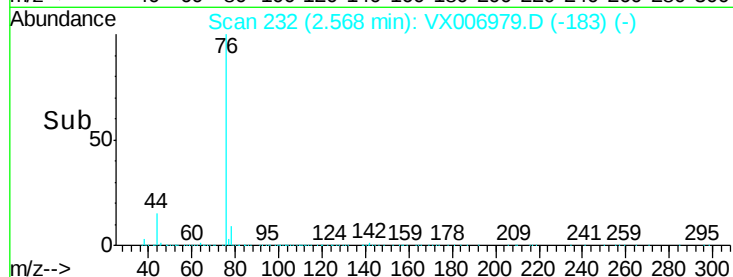
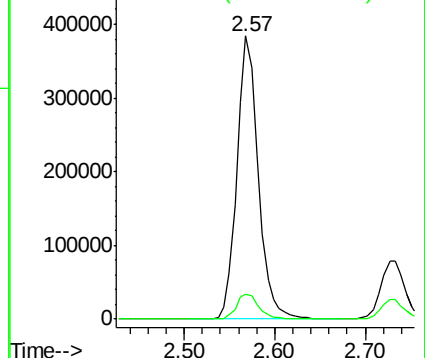
76 100

78 8.8 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 57.085 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX006979.D

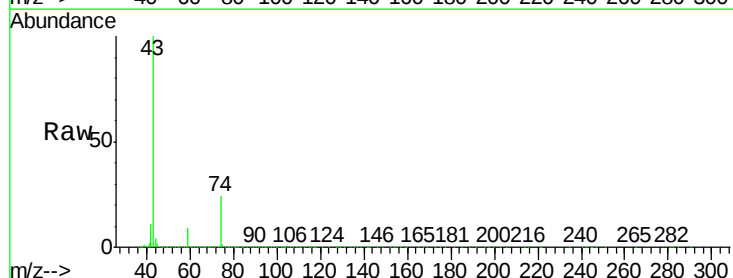
Acq: 09 Jan 2019 21:26

Tgt Ion: 43 Resp: 481531

Ion Ratio Lower Upper

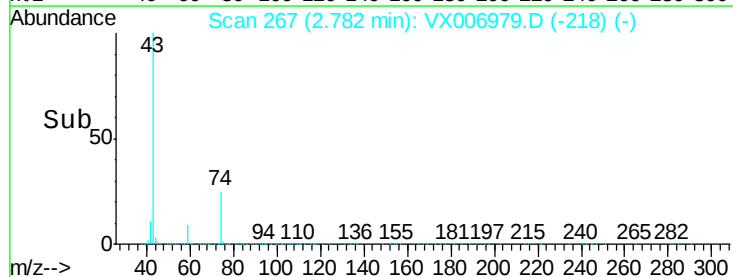
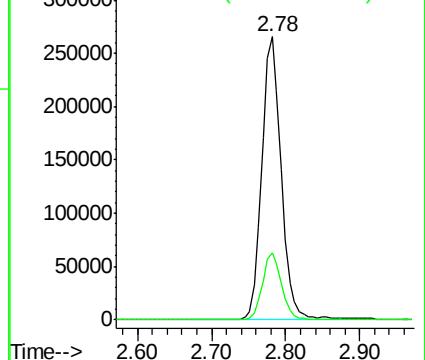
43 100

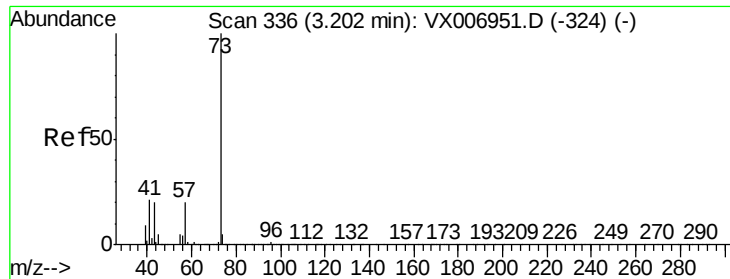
74 23.8 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



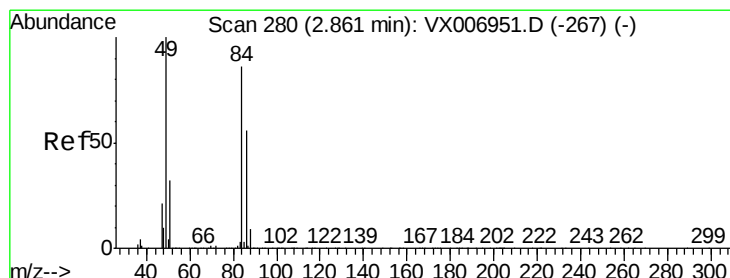
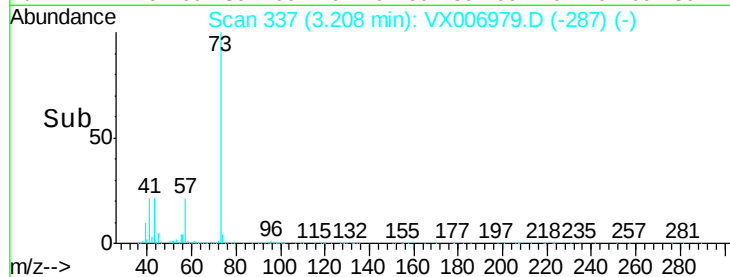
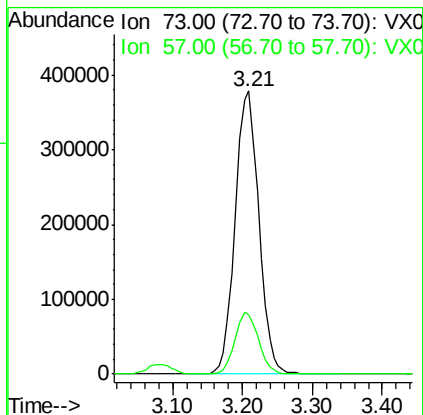
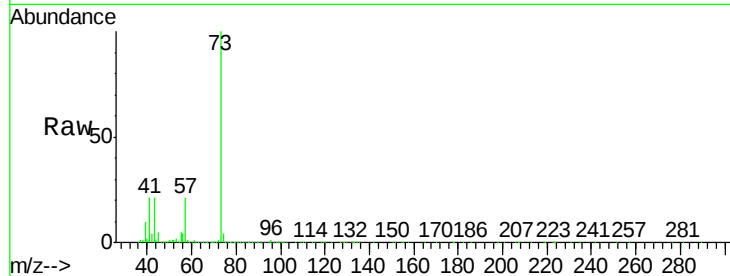


#19

Methyl tert-butyl Ether
Concen: 49.656 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Instrument :
MSVOA_X
ClientSampleId :

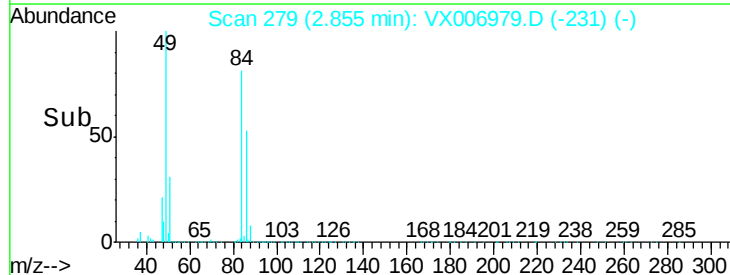
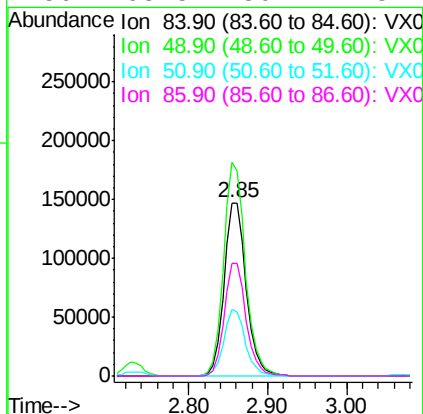
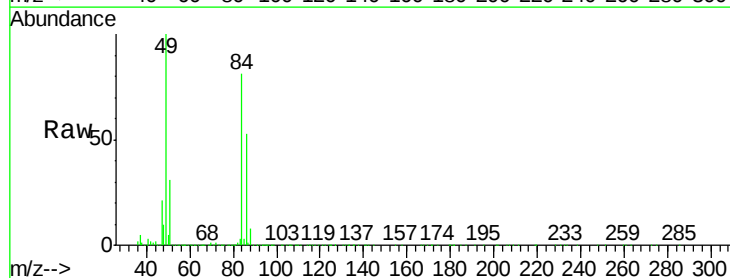
Tot Ion: 73 Resp: 893041
Ion Ratio Lower Upper
73 100
57 20.8 16.8 25.2

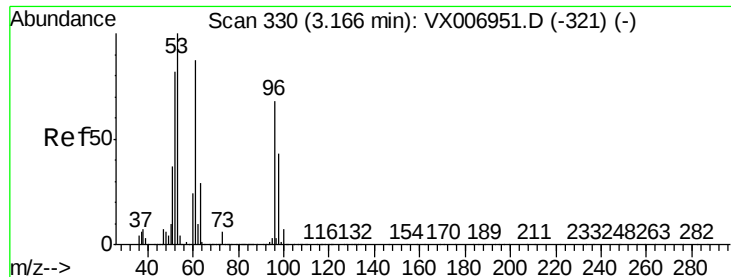


#20

Methylene Chloride
Concen: 51.419 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Tgt Ion: 84 Resp: 284782
Ion Ratio Lower Upper
84 100
49 123.5 91.8 137.6
51 38.3 28.5 42.7
86 65.5 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 47.781 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :
MSVOA_X
ClientSampleId :

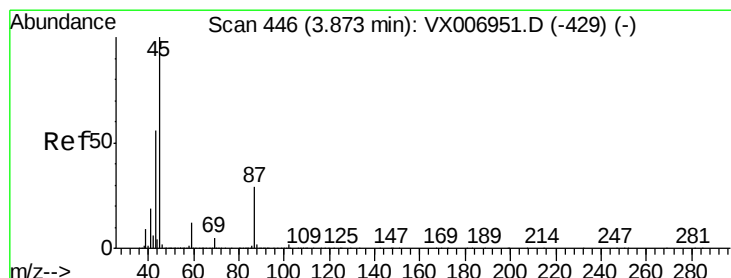
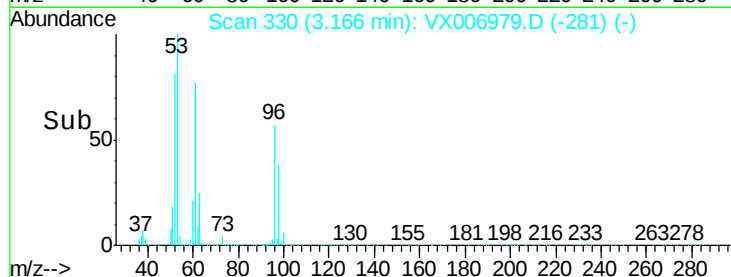
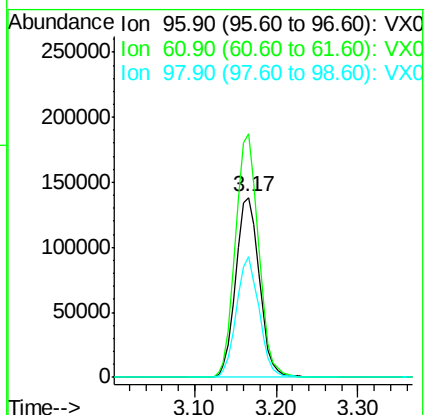
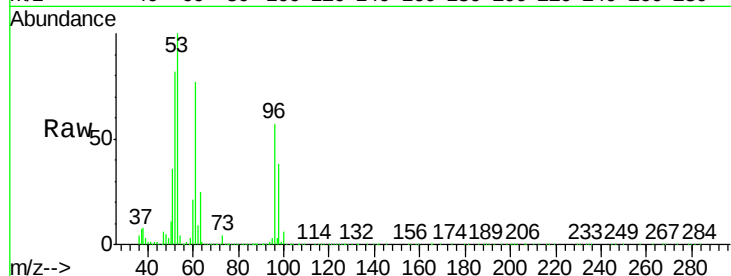
Tot Ion: 96 Resp: 275904

Ion Ratio Lower Upper

96 100

61 135.0 103.7 155.5

98 66.7 51.0 76.6



#22

Diisopropyl ether

Concen: 49.428 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Tgt Ion: 45 Resp: 825195

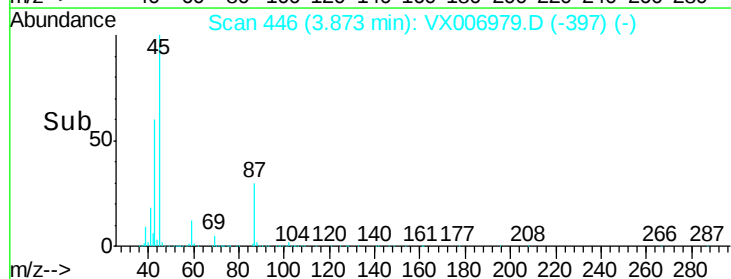
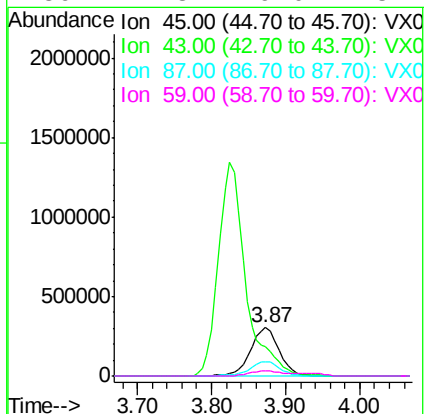
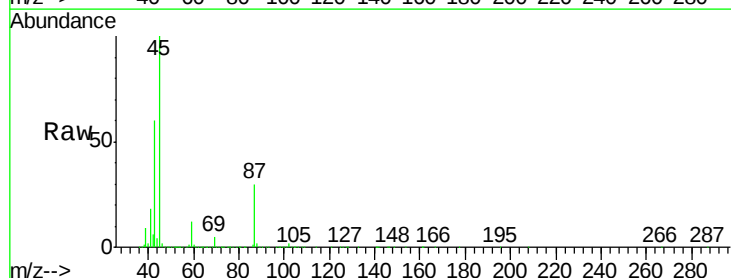
Ion Ratio Lower Upper

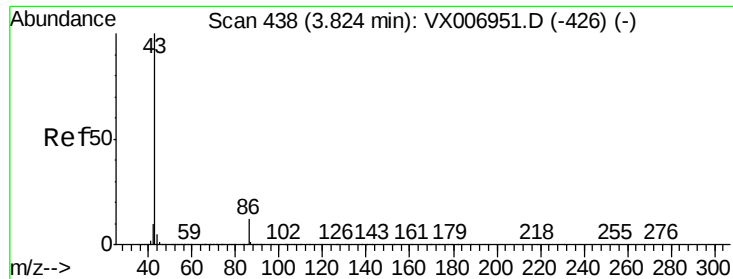
45 100

43 60.0 51.2 76.8

87 29.8 25.8 38.6

59 11.8 9.0 13.4





#23

Vinyl Acetate

Concen: 244.717 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

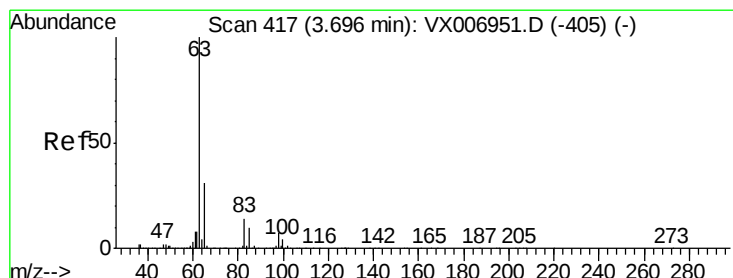
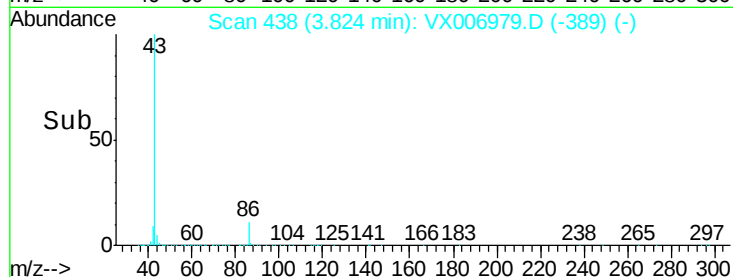
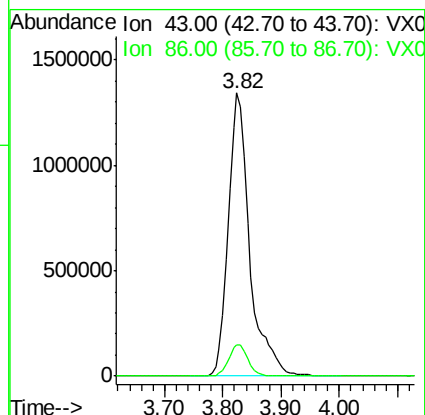
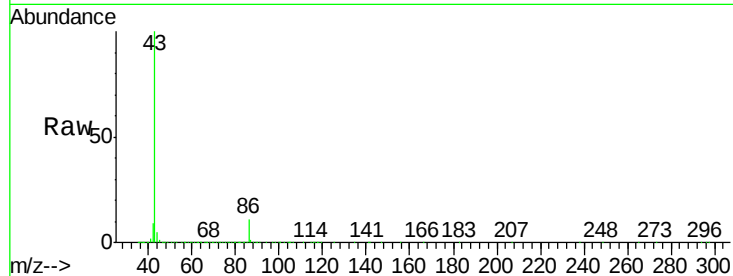
ClientSampleId :

Tot Ion: 43 Resp: 3445397

Ion Ratio Lower Upper

43 100

86 11.1 9.2 13.8



#24

1,1-Dichloroethane

Concen: 49.285 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

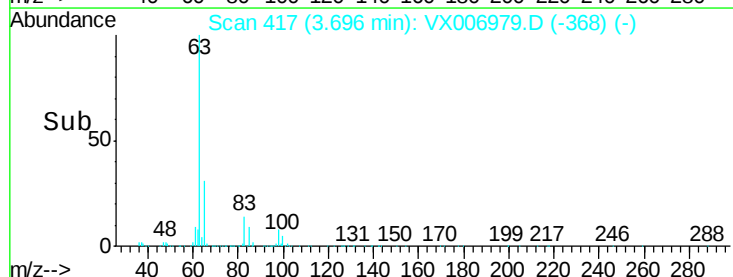
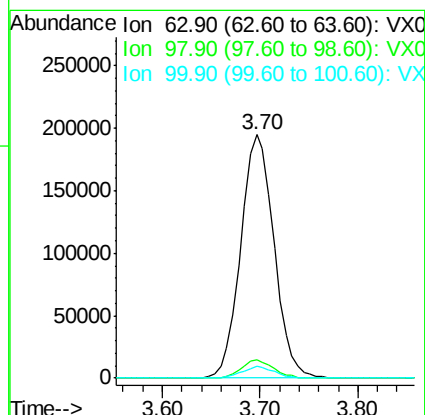
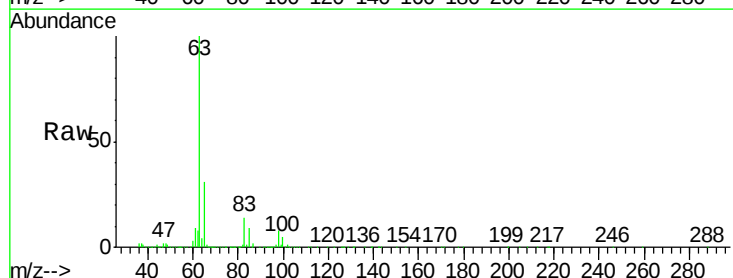
Tgt Ion: 63 Resp: 460084

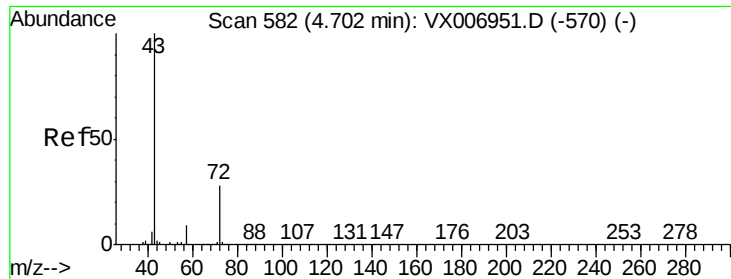
Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.5

100 4.8 2.4 7.2





#25

2-Butanone

Concen: 244.608 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

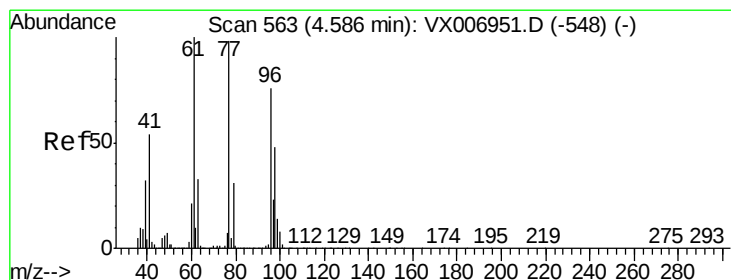
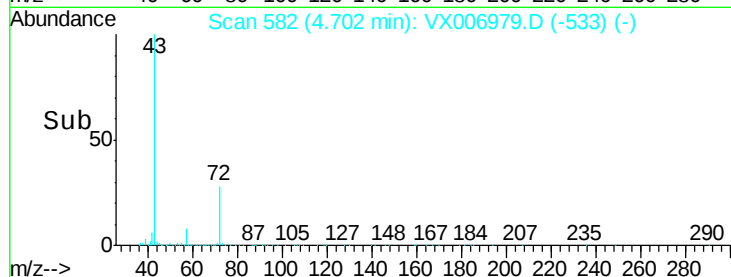
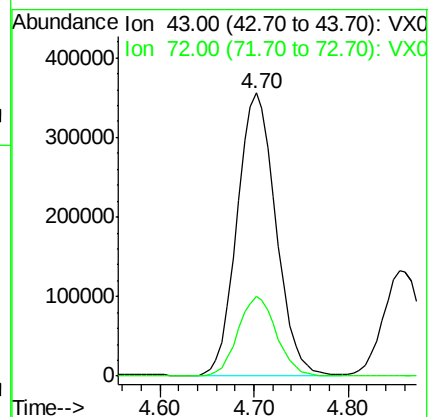
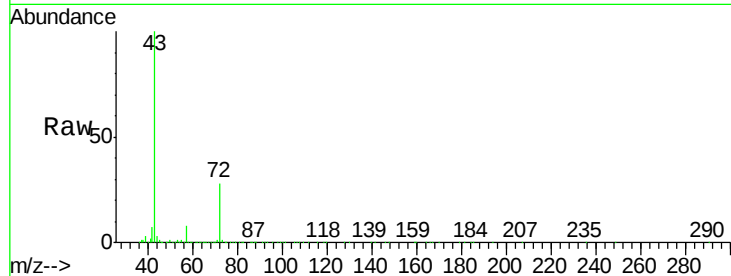
ClientSampleId :

Tot Ion: 43 Resp: 1019487

Ion Ratio Lower Upper

43 100

72 28.2 22.4 33.6



#26

2,2-Dichloropropane

Concen: 43.055 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006979.D

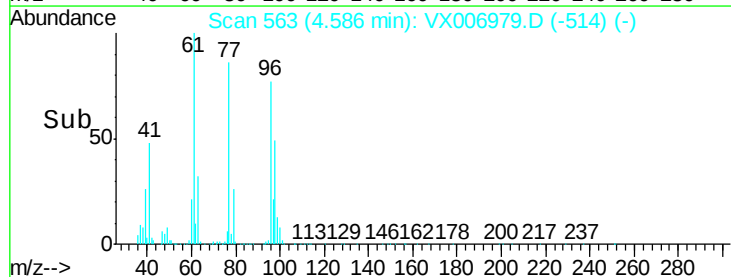
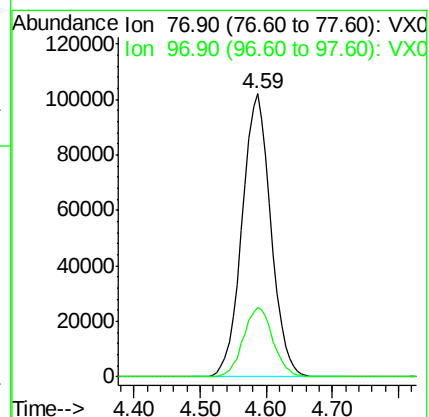
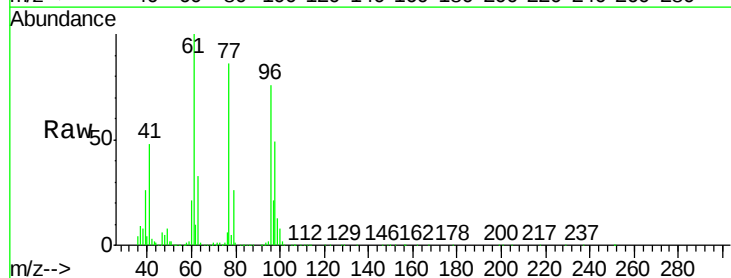
Acq: 09 Jan 2019 21:26

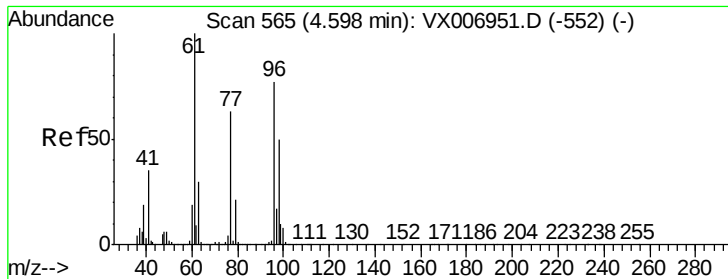
Tgt Ion: 77 Resp: 309068

Ion Ratio Lower Upper

77 100

97 25.4 12.4 37.4



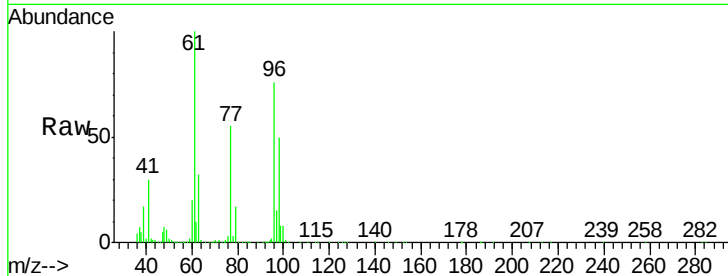


#27

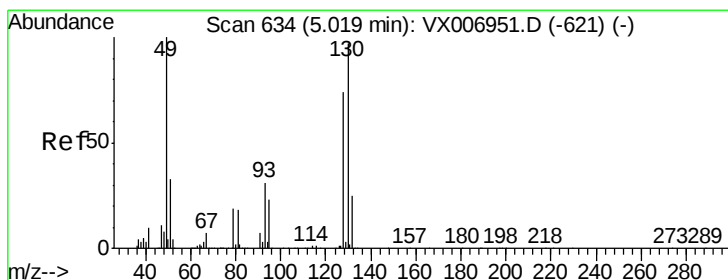
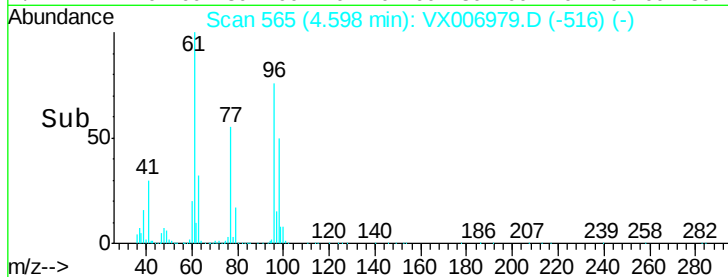
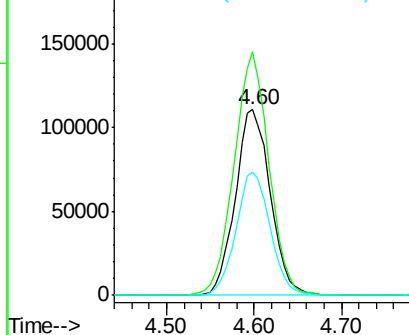
cis-1,2-Dichloroethene
Concen: 48.340 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.2	0.0	258.6
98	65.1	0.0	132.0



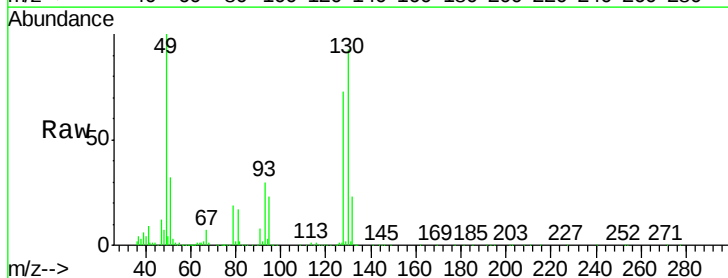
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



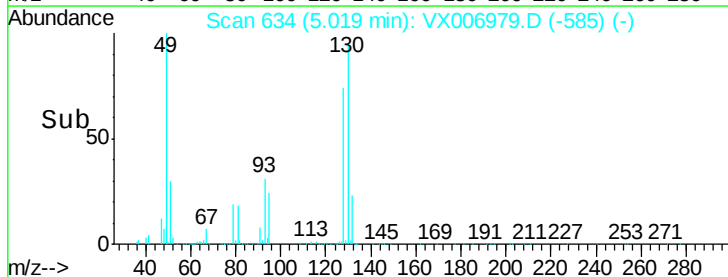
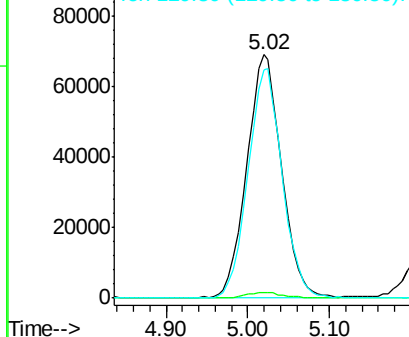
#28

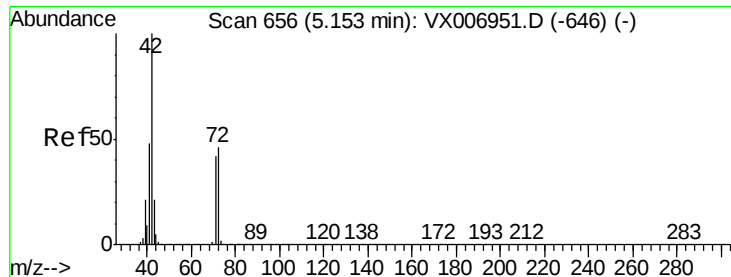
Bromochloromethane
Concen: 49.773 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.4
130	93.3	77.7	116.5



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





#29

Tetrahydrofuran

Concen: 248.920 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

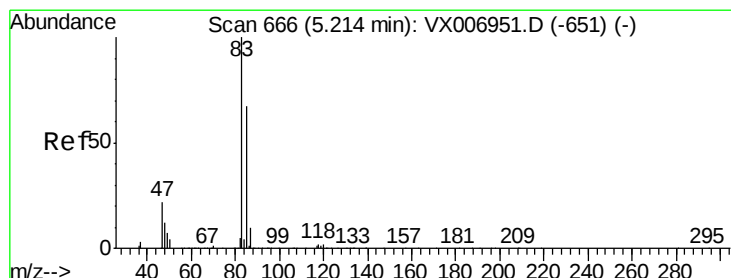
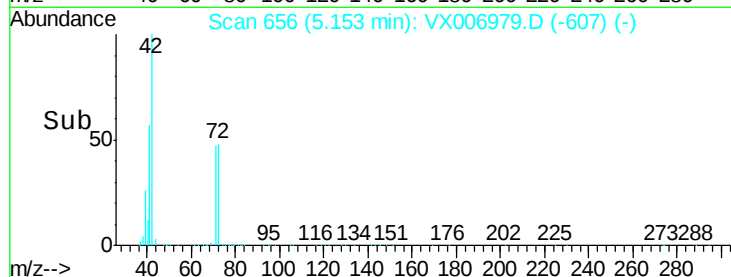
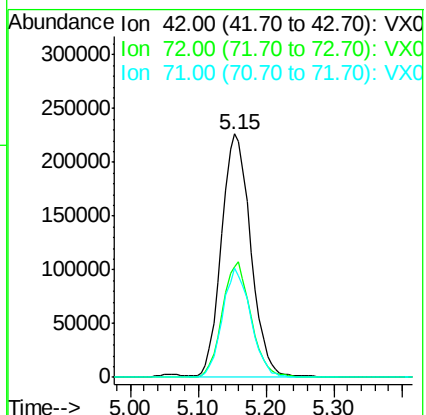
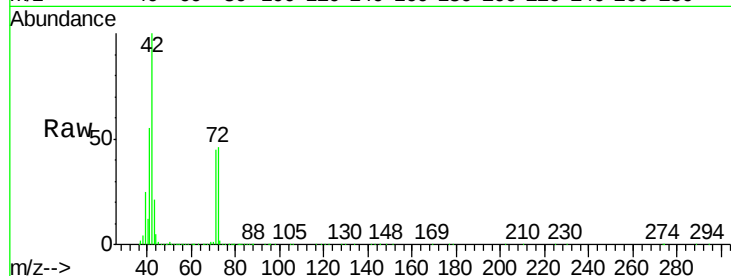
Tot Ion: 42 Resp: 674218

Ion Ratio Lower Upper

42 100

72 46.3 38.9 58.3

71 43.6 36.2 54.4



#30

Chloroform

Concen: 50.159 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006979.D

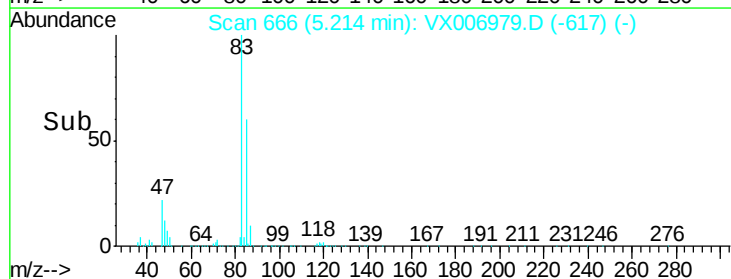
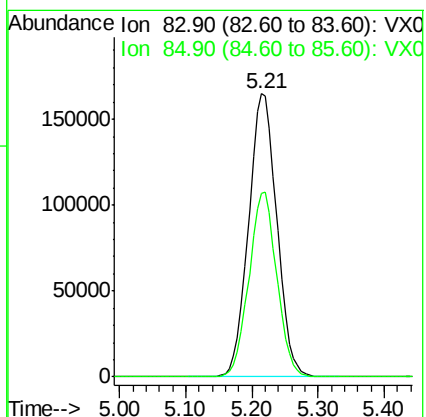
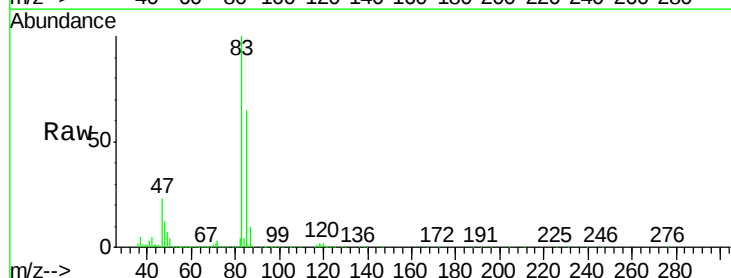
Acq: 09 Jan 2019 21:26

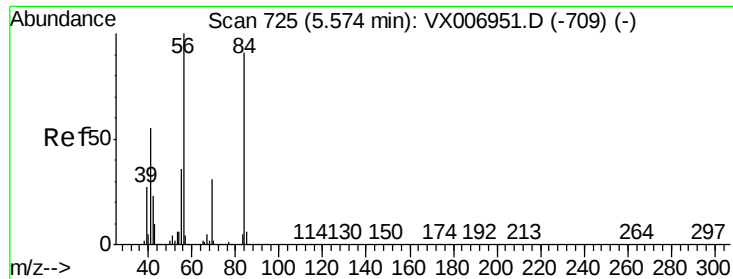
Tgt Ion: 83 Resp: 490247

Ion Ratio Lower Upper

83 100

85 64.8 51.2 76.8

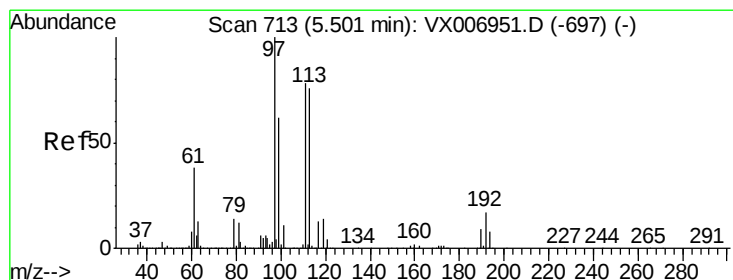
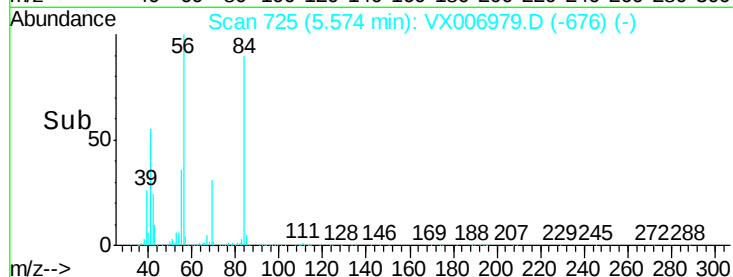
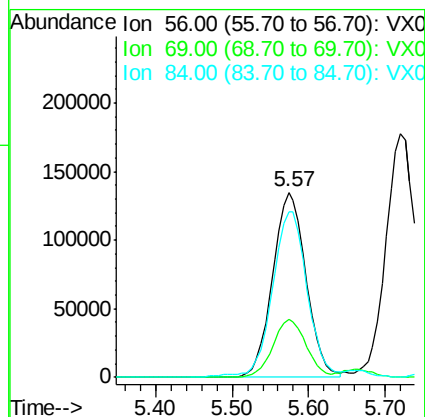
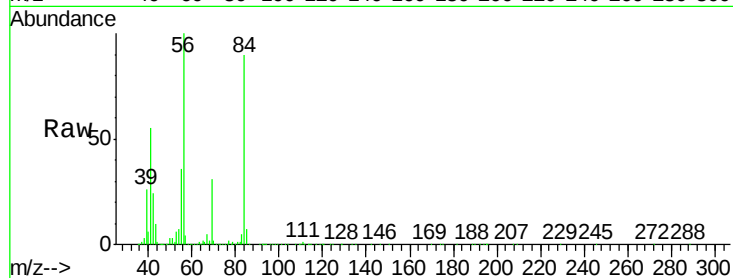




#31
Cyclohexane
Concen: 49.123 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

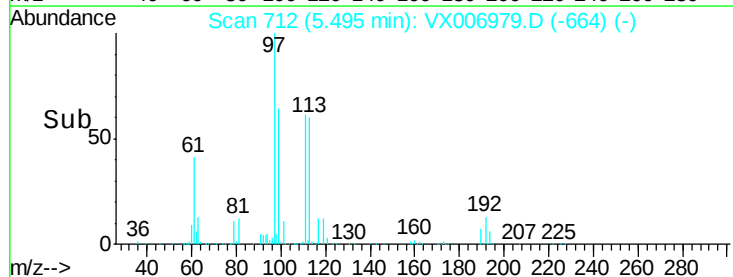
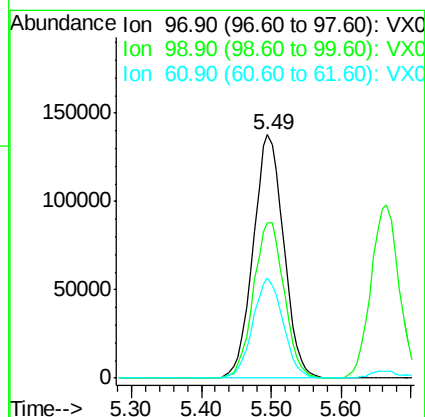
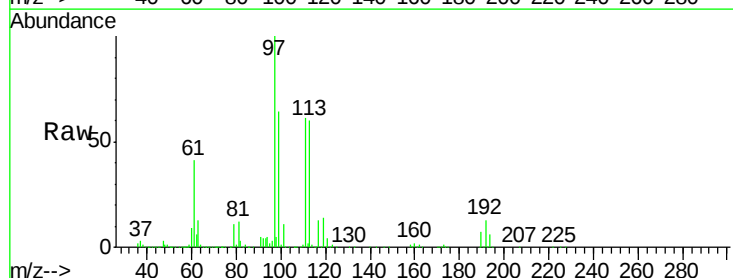
Instrument :
MSVOA_X
ClientSampleId :

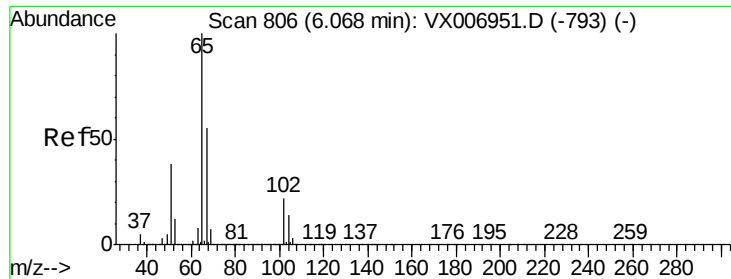
Tot Ion: 56 Resp: 408146
Ion Ratio Lower Upper
56 100
69 31.1 24.4 36.6
84 89.5 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 50.365 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Tgt Ion: 97 Resp: 417248
Ion Ratio Lower Upper
97 100
99 64.7 51.7 77.5
61 41.0 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 48.765 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

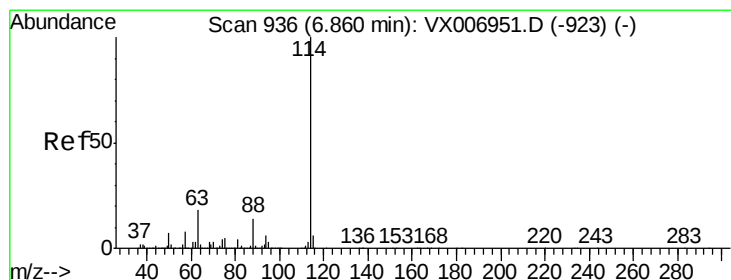
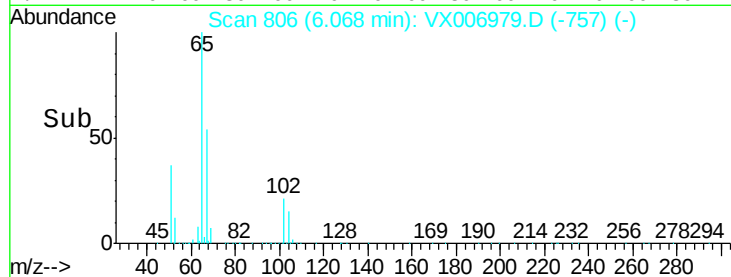
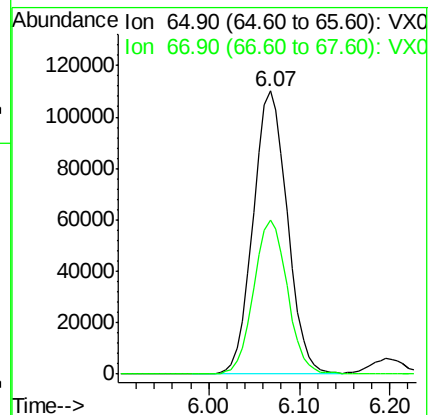
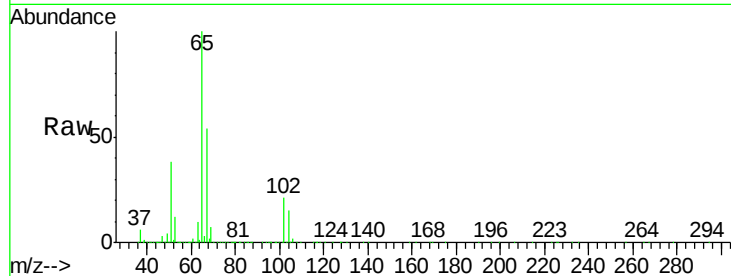
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 65 Resp: 287322

Ion Ratio Lower Upper

65 100

67 53.8 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

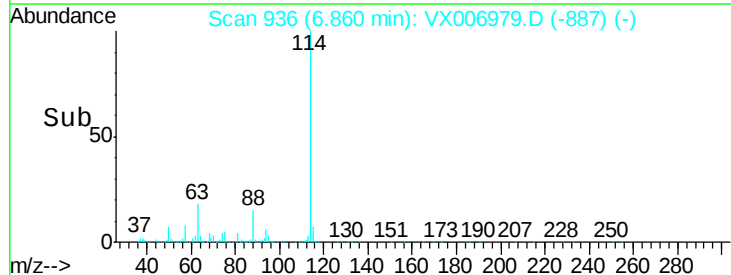
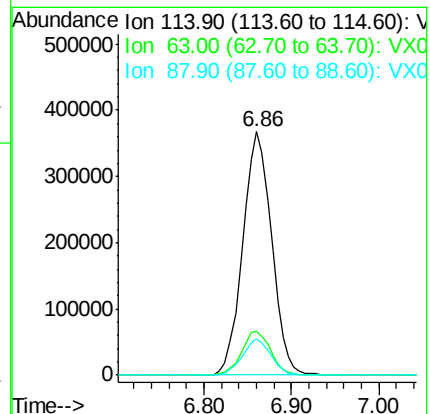
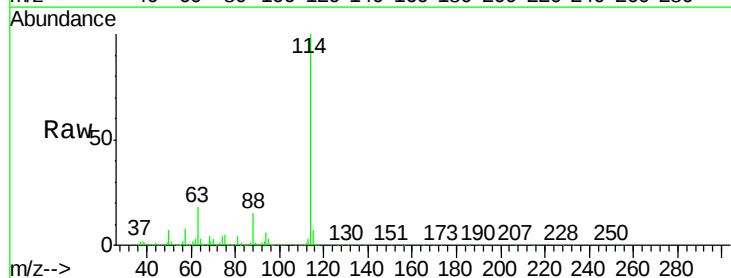
Tgt Ion: 114 Resp: 844172

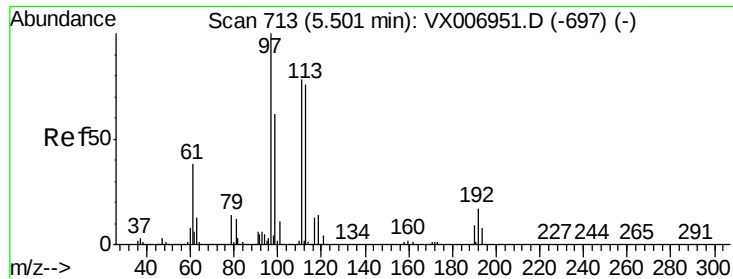
Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.8

88 14.8 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.699 ug/l

RT: 5.51 min Scan# 714

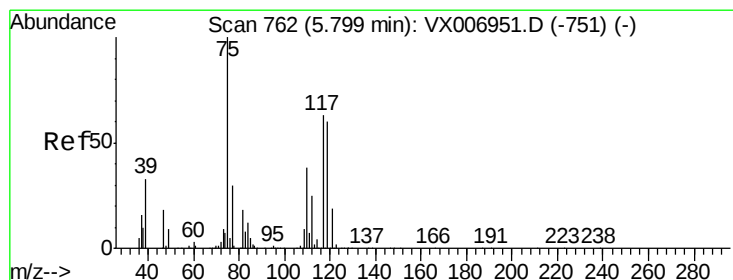
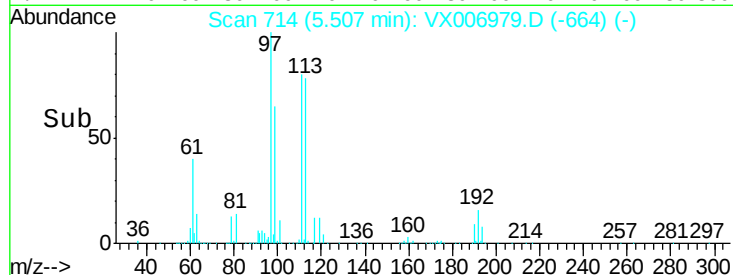
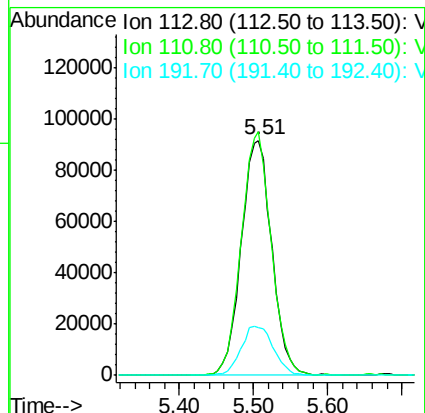
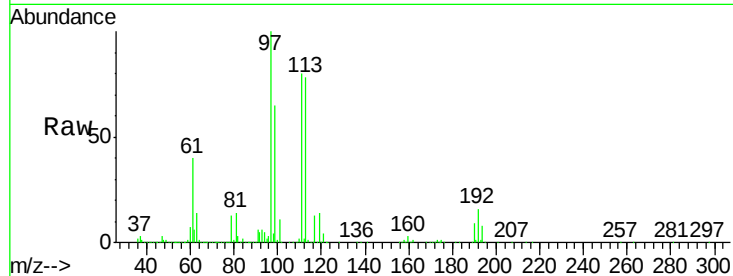
Delta R.T. 0.01 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:113 Resp: 263269
Ion Ratio Lower Upper
113 100
111 101.7 81.6 122.4
192 22.1 16.7 25.1



#36

1,1-Dichloropropene

Concen: 47.468 ug/l

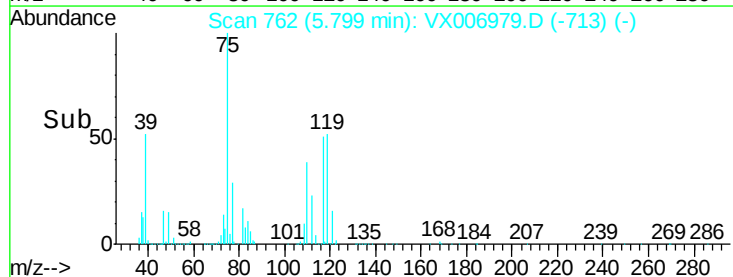
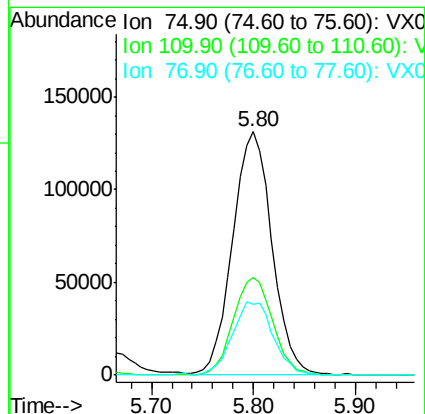
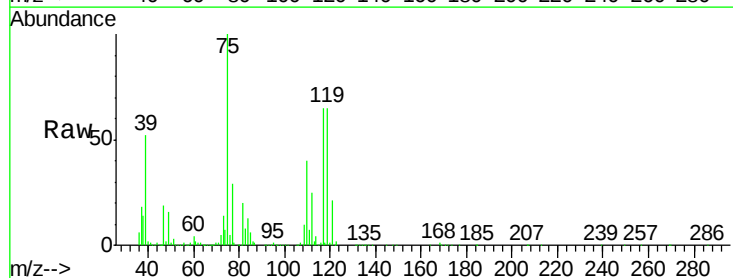
RT: 5.80 min Scan# 762

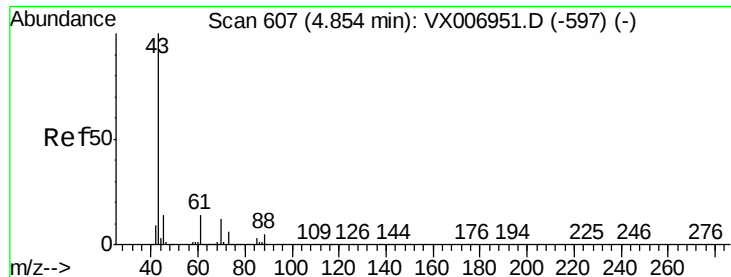
Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Tgt Ion: 75 Resp: 348388
Ion Ratio Lower Upper
75 100
110 40.8 20.2 60.5
77 31.2 24.8 37.2

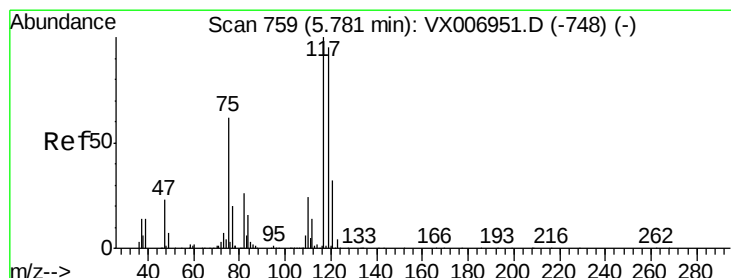
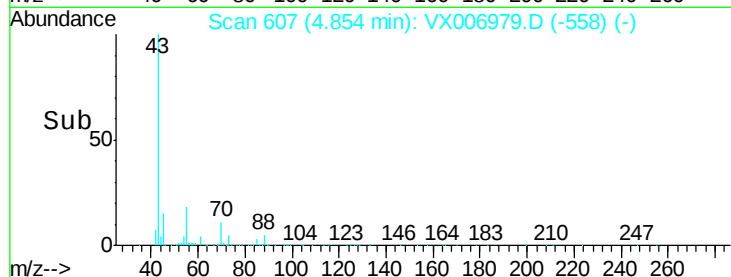
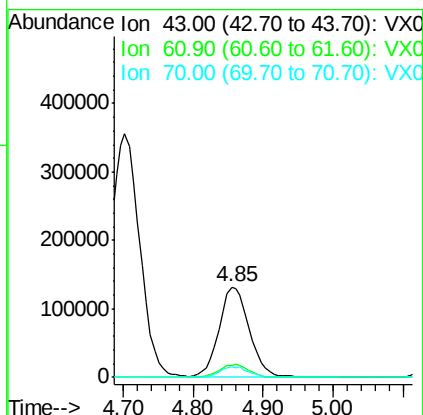
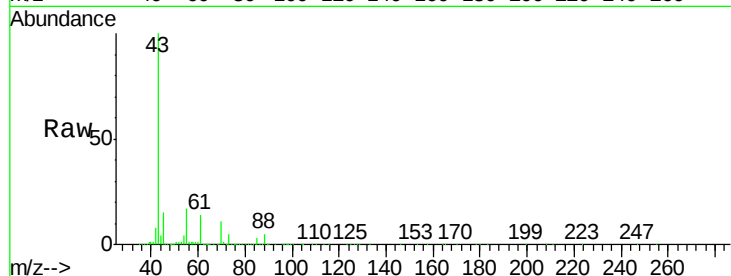




#37
Ethyl Acetate
Concen: 49.681 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

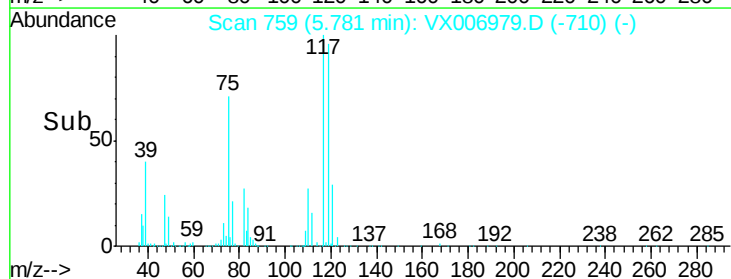
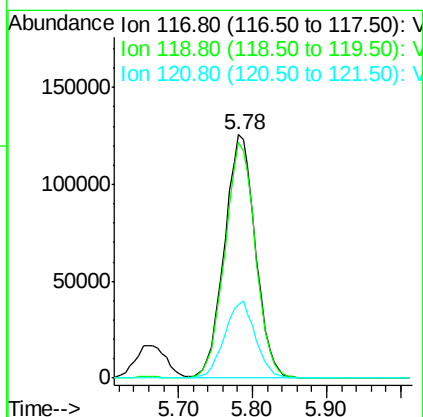
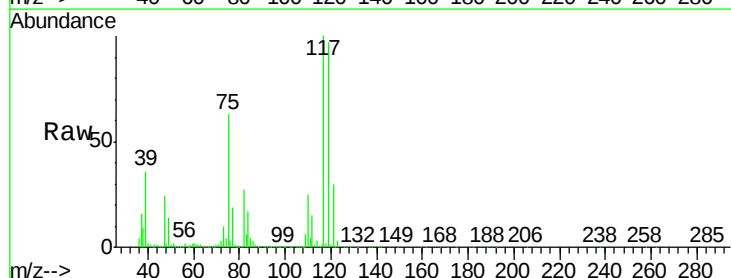
Instrument :
MSVOA_X
ClientSampleId :

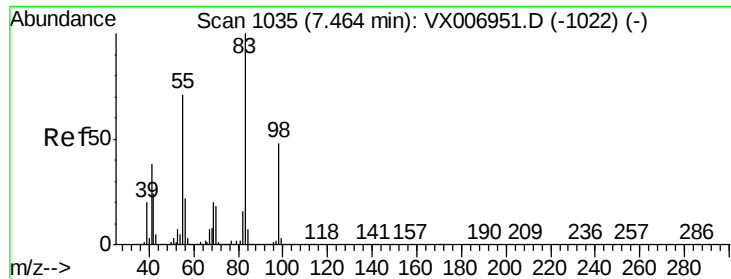
Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.9	17.9
70	11.4	9.7	14.5



#38
Carbon Tetrachloride
Concen: 49.281 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	79.4	119.2
121	29.9	24.0	36.0

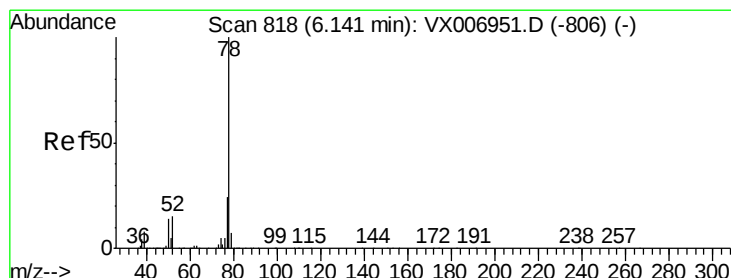
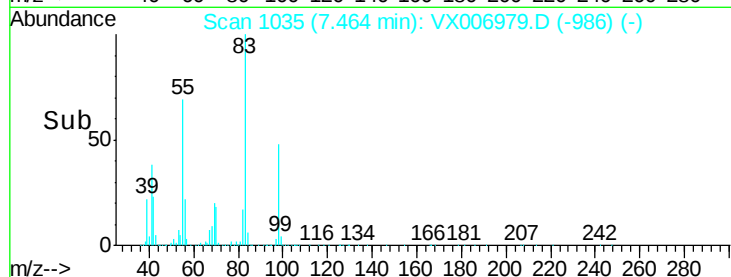
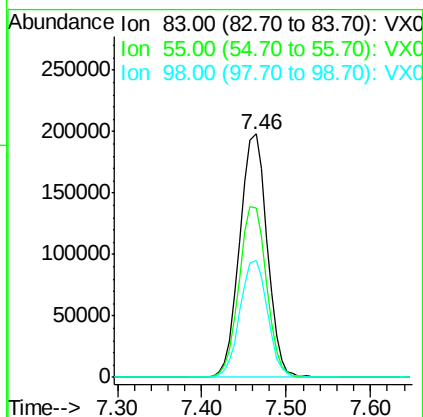
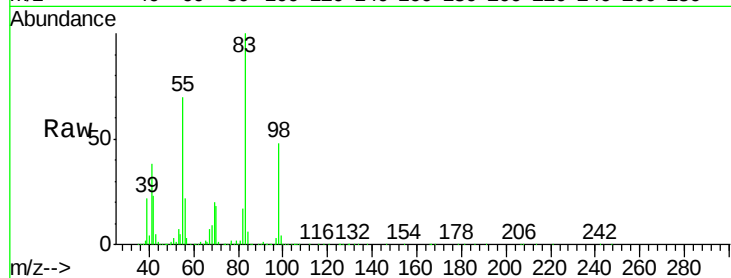




#39
Methvlcvclohexane
Concen: 46.569 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

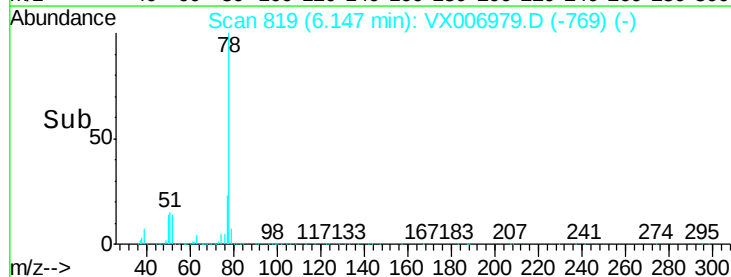
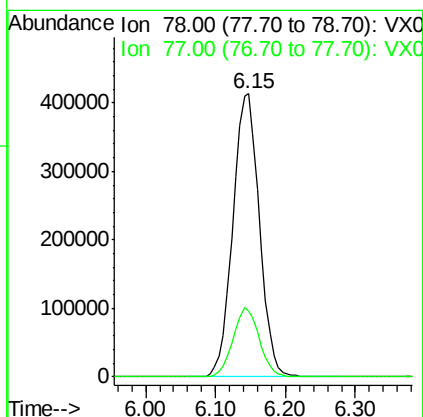
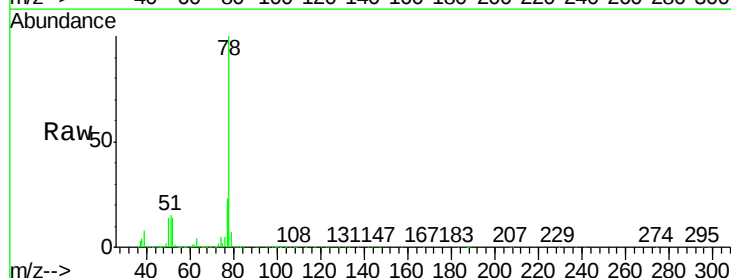
Instrument :
MSVOA_X
ClientSampled :

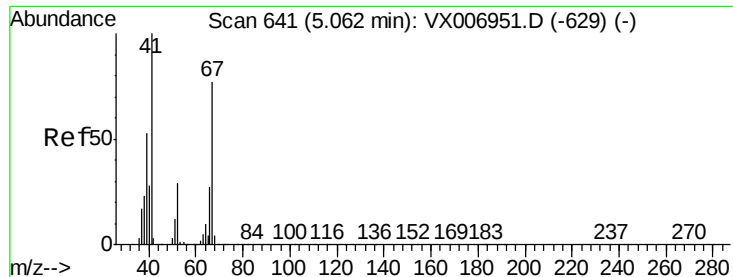
Tot Ion: 83 Resp: 435731
Ion Ratio Lower Upper
83 100
55 69.6 54.9 82.3
98 47.8 37.9 56.9



#40
Benzene
Concen: 48.506 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Tgt Ion: 78 Resp: 1086282
Ion Ratio Lower Upper
78 100
77 23.3 19.2 28.8





#41

Methacrylonitrile

Concen: 47.648 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 41 Resp: 215984

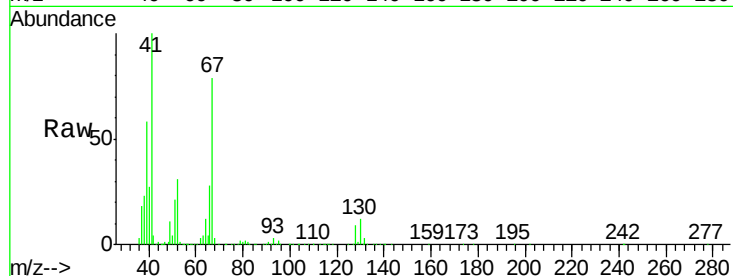
Ion Ratio Lower Upper

41 100

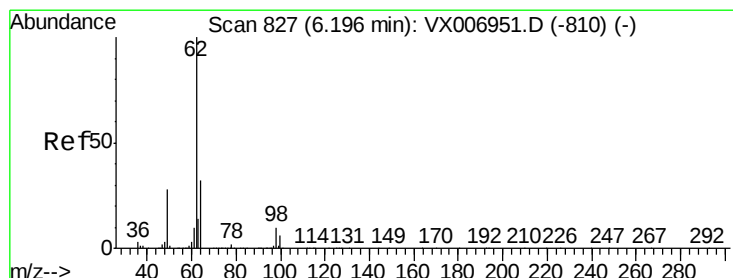
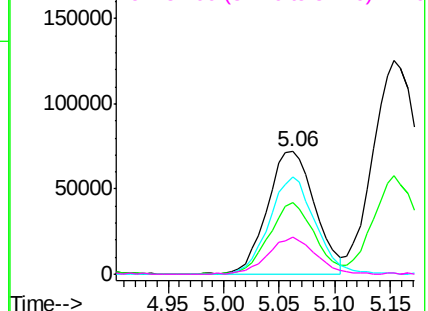
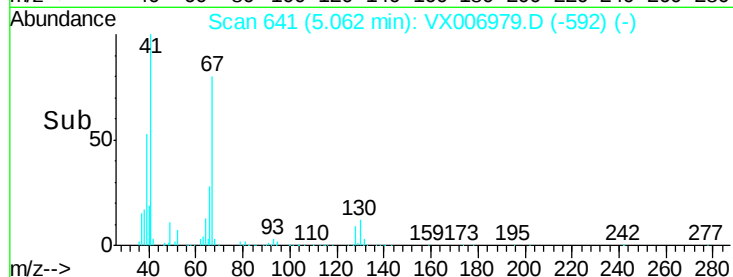
39 54.1 42.8 64.2

67 76.1 62.1 93.1

52 29.3 23.4 35.0



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



#42

1,2-Dichloroethane

Concen: 47.889 ug/l

RT: 6.20 min Scan# 828

Delta R.T. 0.01 min

Lab File: VX006979.D

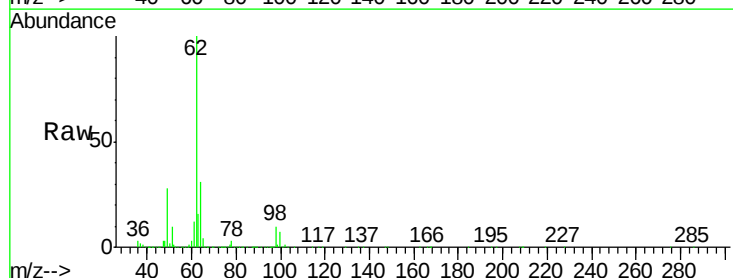
Acq: 09 Jan 2019 21:26

Tgt Ion: 62 Resp: 370601

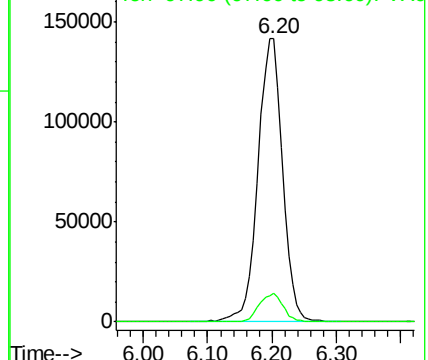
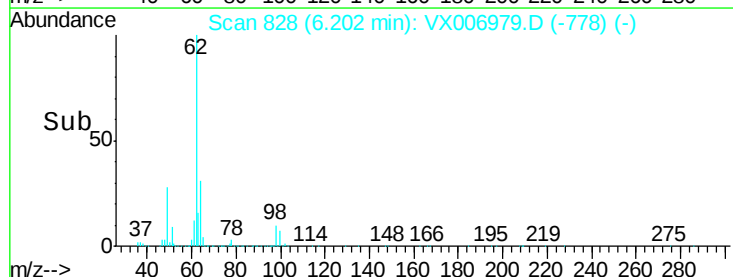
Ion Ratio Lower Upper

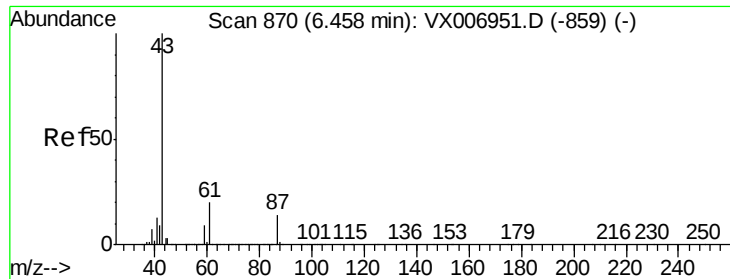
62 100

98 9.9 0.0 20.2



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



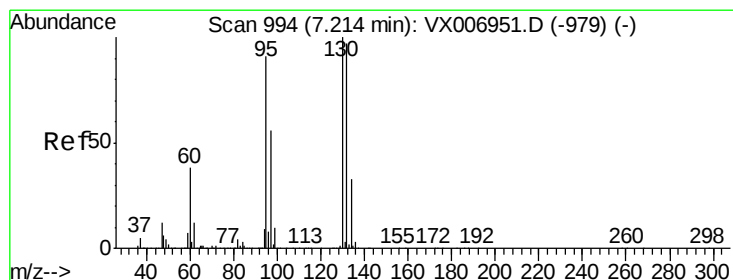
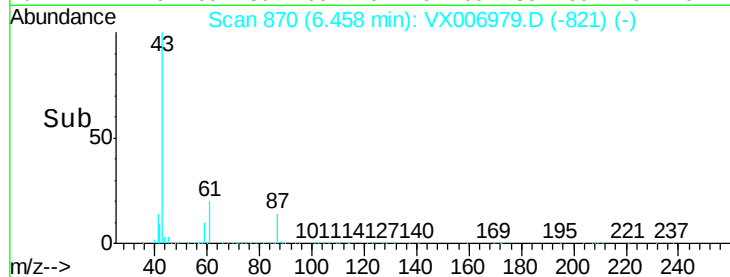
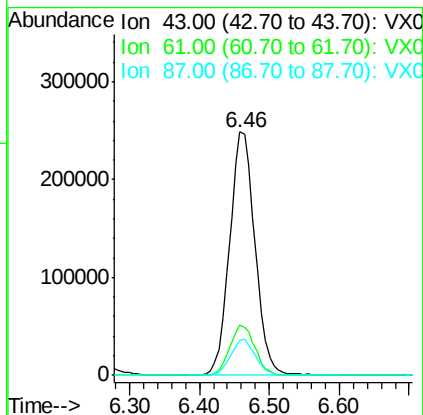
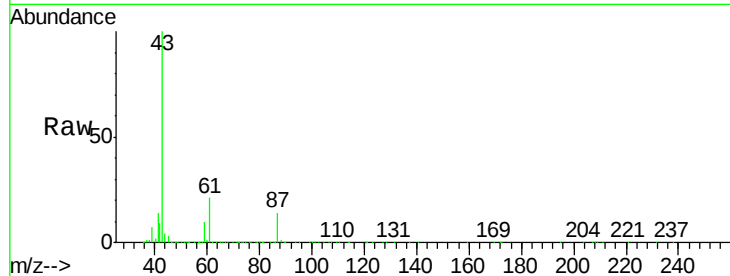


#43

Isopropyl Acetate
 Concen: 50.308 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX006979.D
 Acq: 09 Jan 2019 21:26

Instrument :
 MSVOA_X
 ClientSampleId :

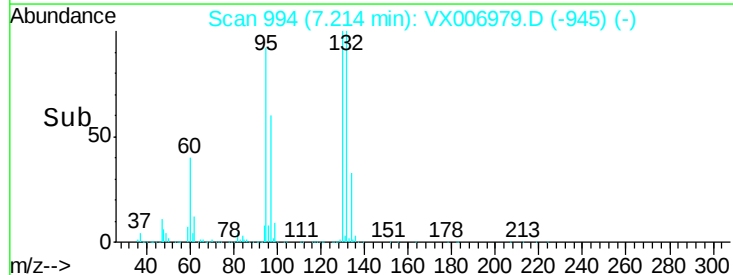
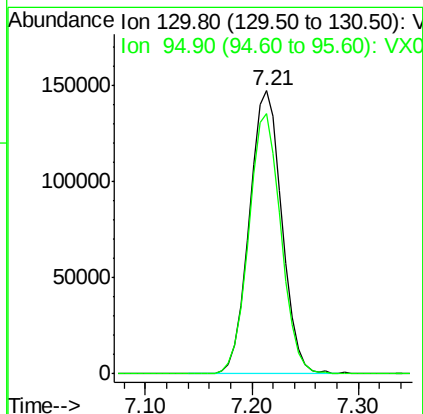
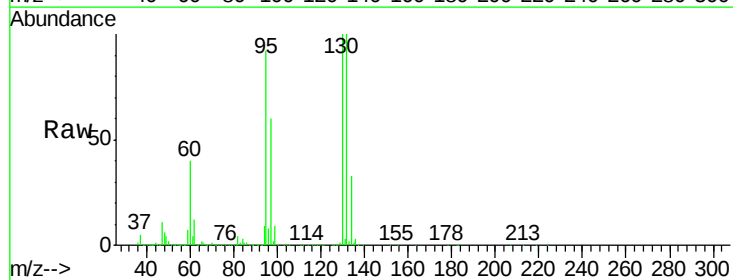
Tot Ion	43	Resp	624396
Ion Ratio	Lower	Upper	
43	100		
61	20.6	16.8	25.2
87	14.4	12.4	18.6

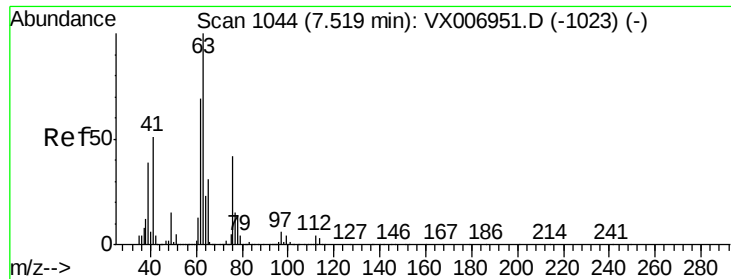


#44

Trichloroethene
 Concen: 47.081 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006979.D
 Acq: 09 Jan 2019 21:26

Tgt Ion	130	Resp	315951
Ion Ratio	Lower	Upper	
130	100		
95	92.0	0.0	187.0





#45

1,2-Dichloropropane

Concen: 49.594 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

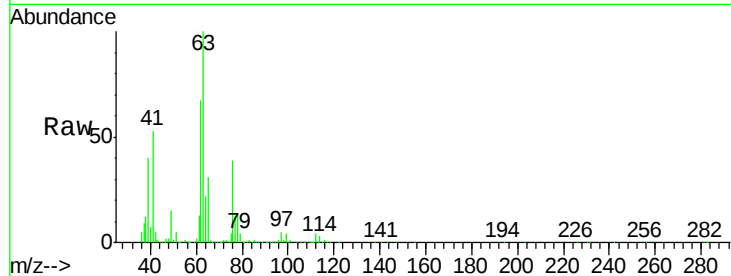
ClientSampled :

Tot Ion: 63 Resp: 279222

Ion Ratio Lower Upper

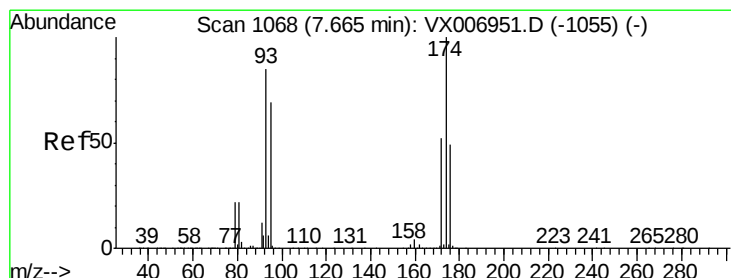
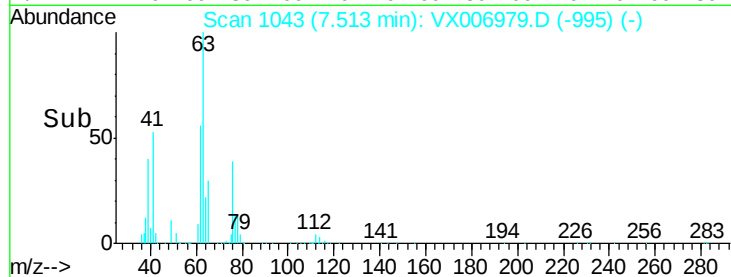
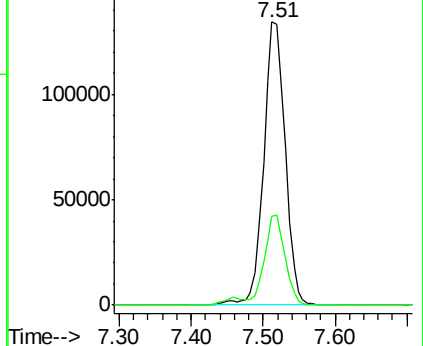
63 100

65 31.5 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.467 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

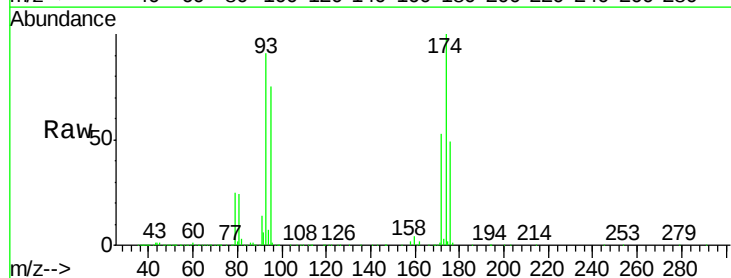
Tgt Ion: 93 Resp: 195733

Ion Ratio Lower Upper

93 100

95 85.2 66.2 99.4

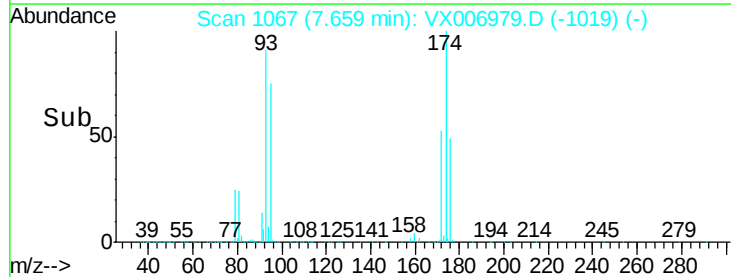
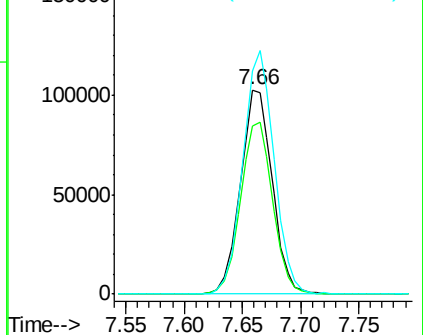
174 117.6 91.0 136.4

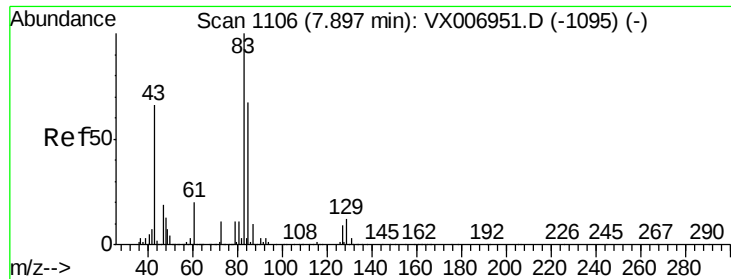


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.604 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :
MSVOA_X
ClientSampled :

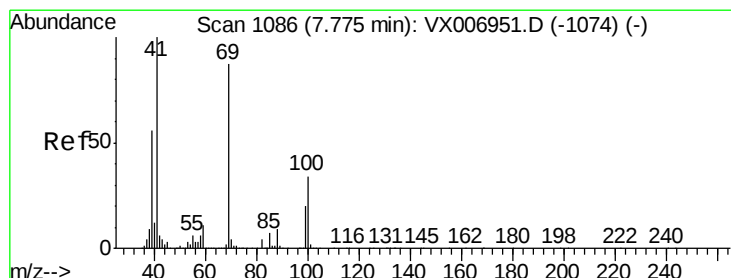
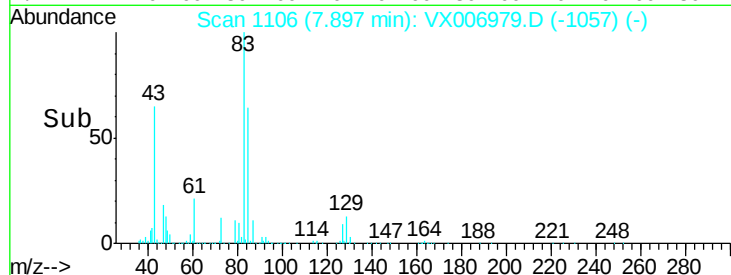
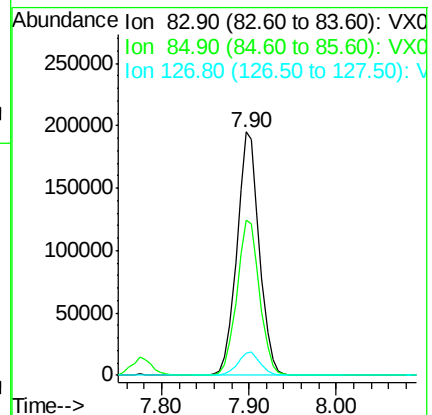
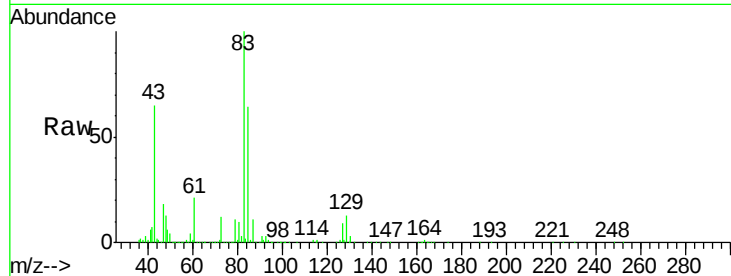
Tot Ion: 83 Resp: 347558

Ion Ratio Lower Upper

83 100

85 63.7 53.2 79.8

127 9.0 7.8 11.6



#48

Methyl methacrylate

Concen: 50.357 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

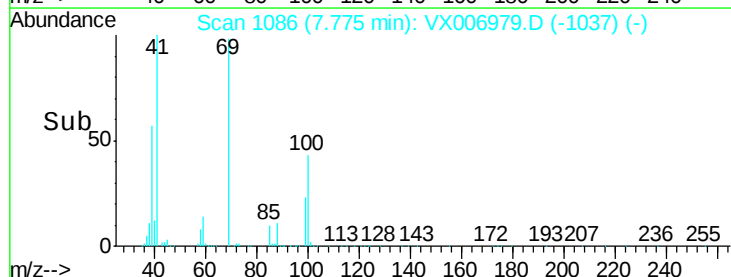
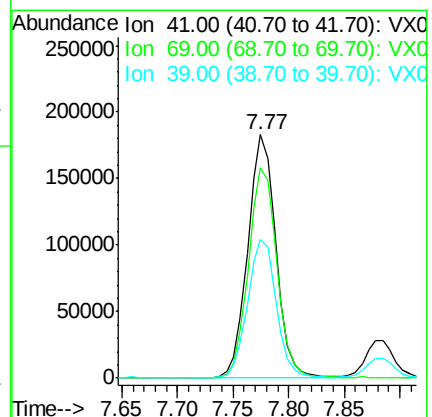
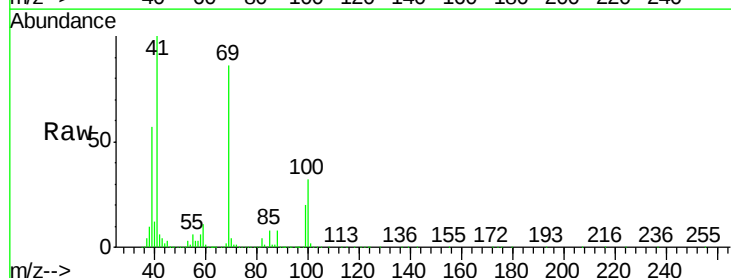
Tgt Ion: 41 Resp: 320963

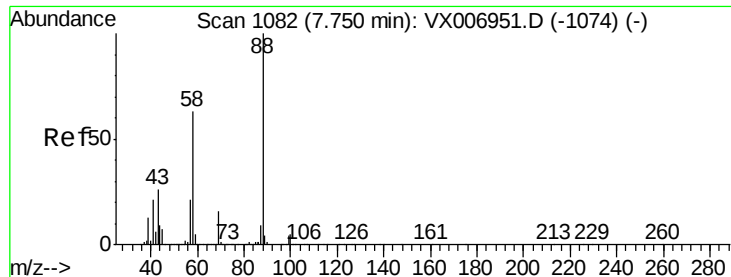
Ion Ratio Lower Upper

41 100

69 88.4 72.4 108.6

39 58.3 45.8 68.8





#49

1,4-Dioxane

Concen: 839.177 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

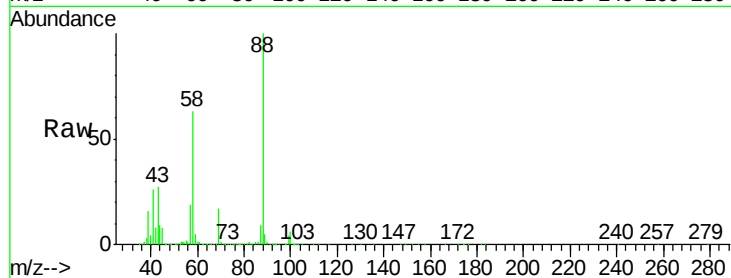
Tot Ion: 88 Resp: 122349

Ion	Ratio	Lower	Upper
88	100		
43	30.9	22.2	33.4
58	64.4	51.0	76.4

88 100

43 30.9 22.2 33.4

58 64.4 51.0 76.4

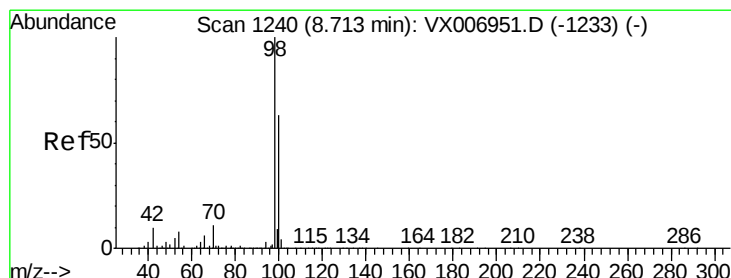
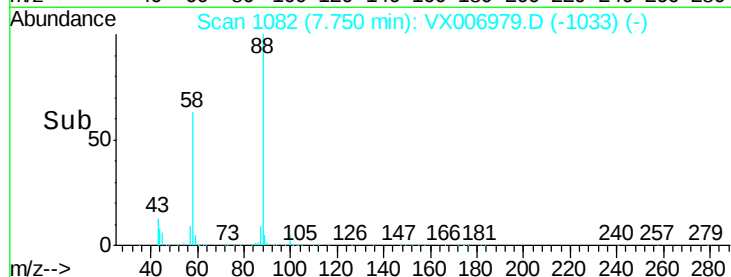
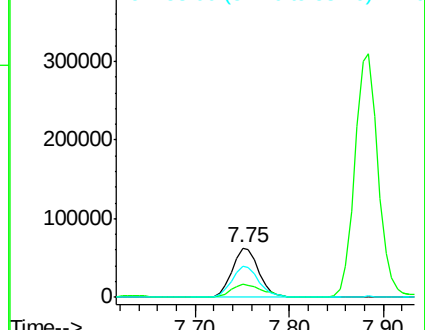


Abundance

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: 48.637 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006979.D

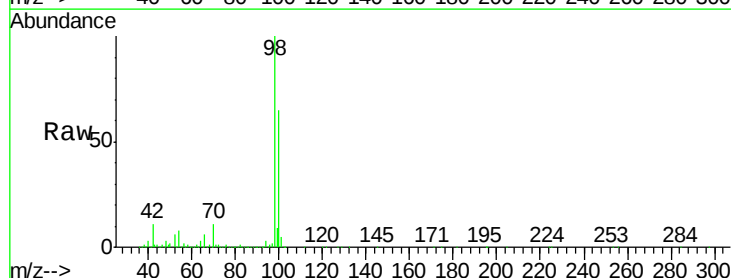
Acq: 09 Jan 2019 21:26

Tgt Ion: 98 Resp: 962414

Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.0	78.0

98 100

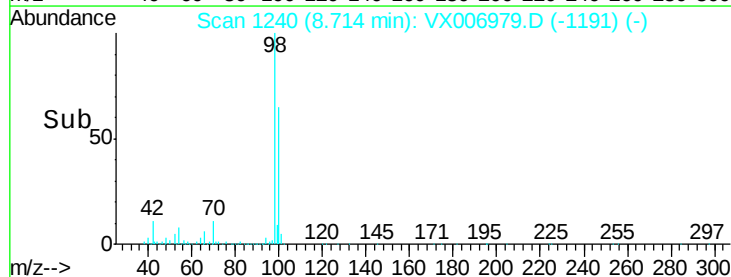
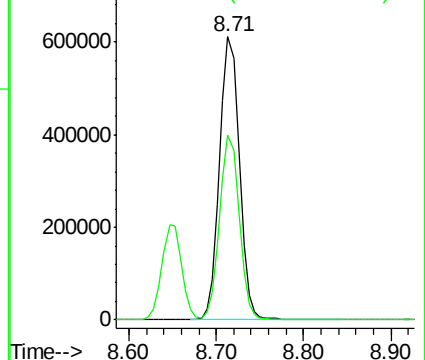
100 64.6 52.0 78.0

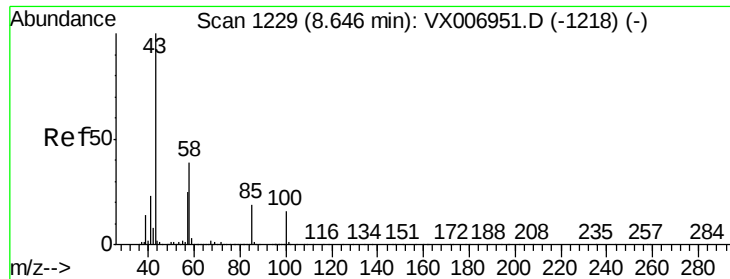


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 250.302 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

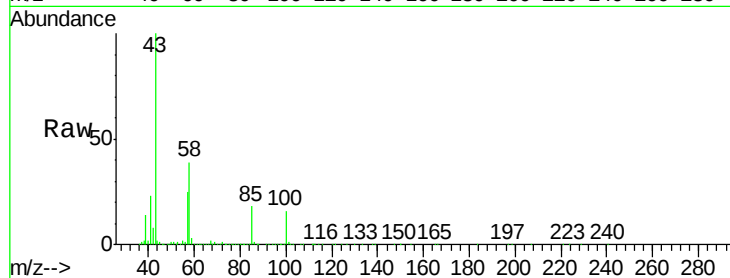
ClientSampleId :

Tot Ion: 43 Resp: 1996499

Ion Ratio Lower Upper

43 100

58 39.1 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

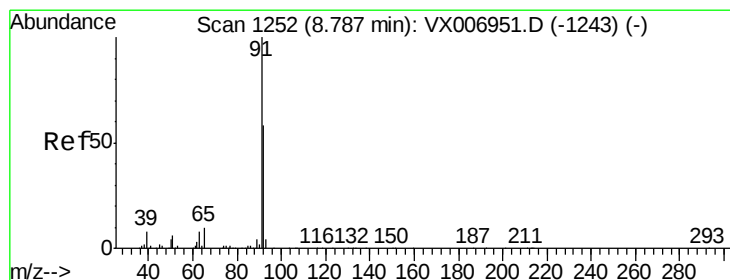
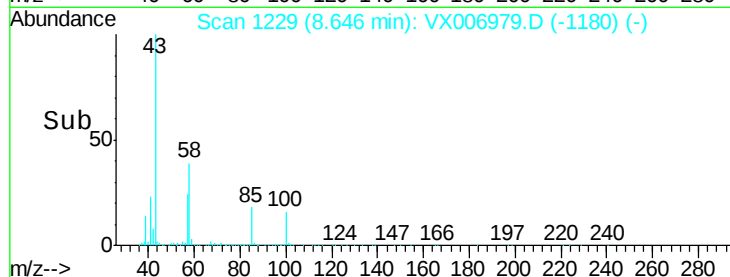
1500000

1000000

500000

0

Time-->



#52

Toluene

Concen: 48.432 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006979.D

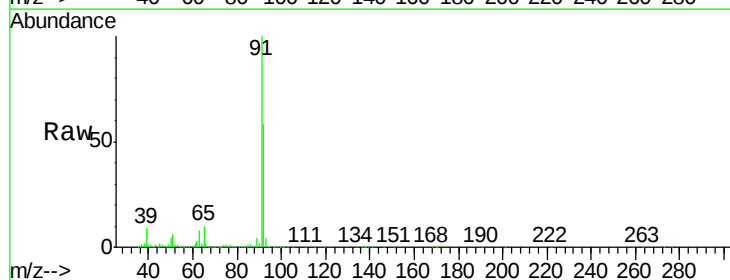
Acq: 09 Jan 2019 21:26

Tgt Ion: 92 Resp: 697121

Ion Ratio Lower Upper

92 100

91 174.5 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

800000

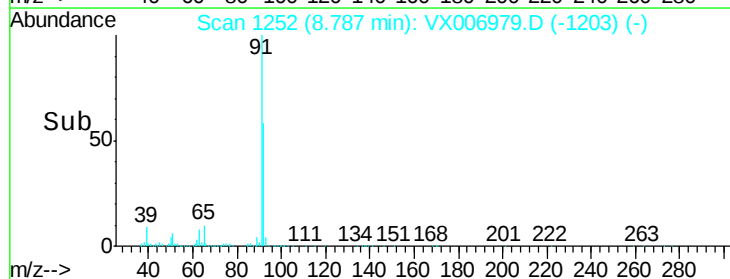
600000

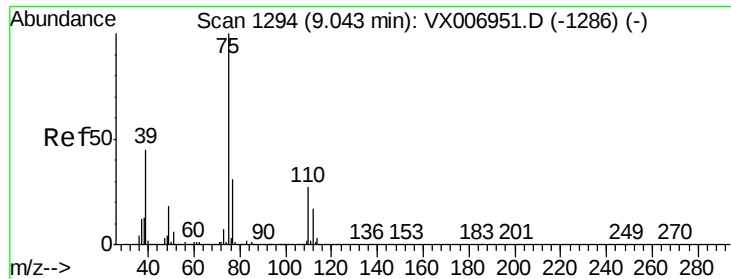
400000

200000

0

Time-->

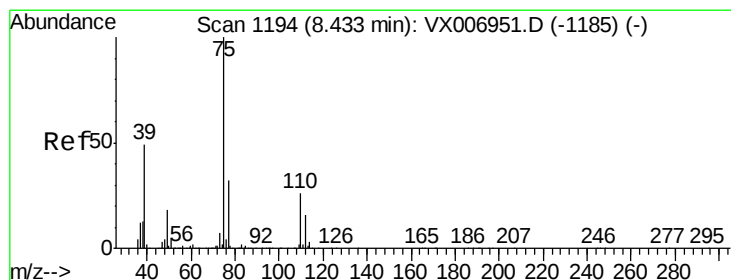
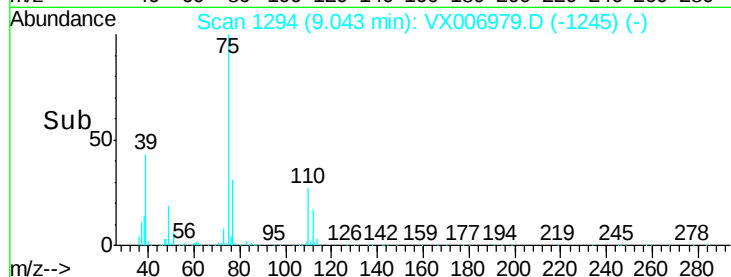
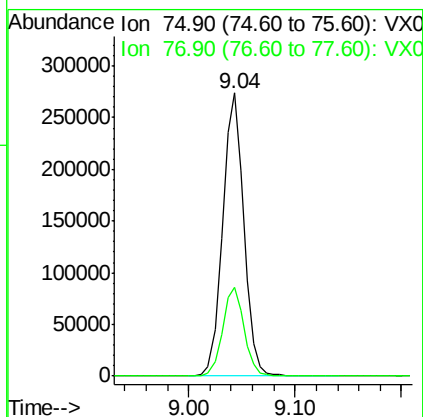
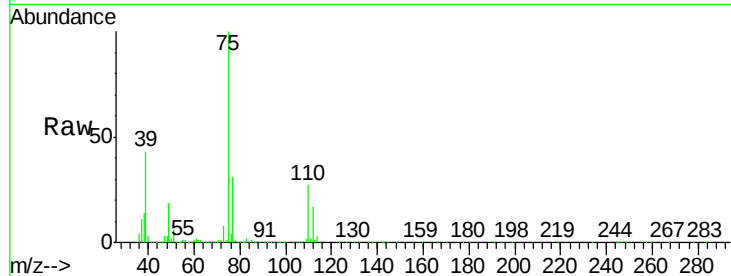




#53
t-1,3-Dichloropropene
Concen: 50.768 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

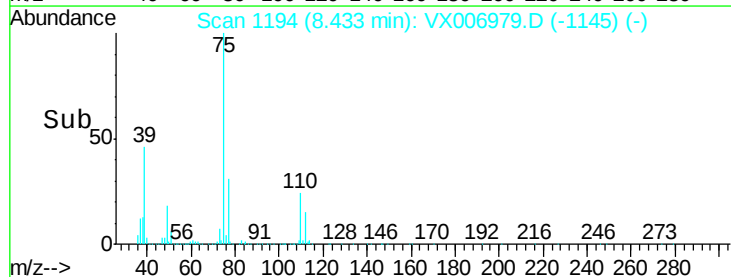
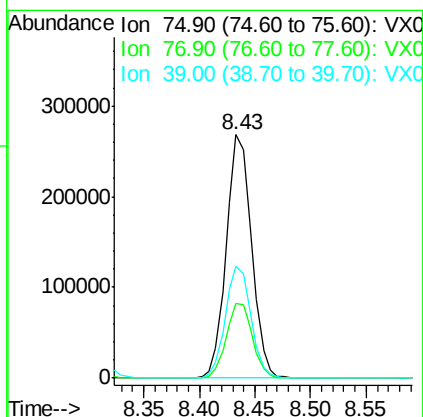
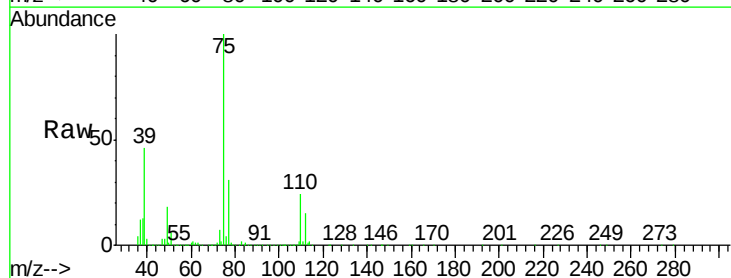
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 75 Resp: 379152
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 51.261 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Tgt Ion: 75 Resp: 422785
Ion Ratio Lower Upper
75 100
77 30.9 26.2 39.2
39 45.8 36.7 55.1

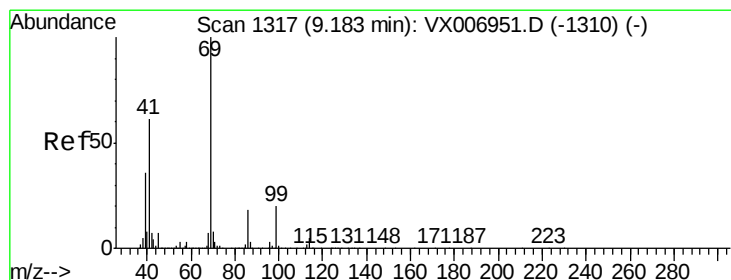
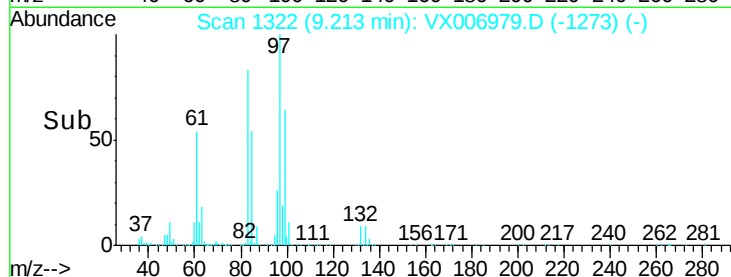
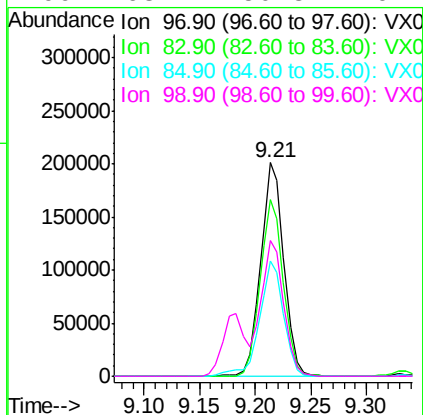
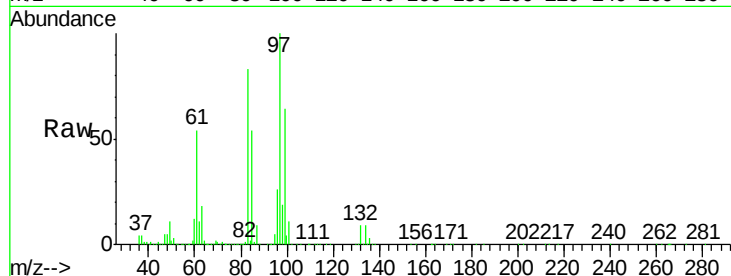




#55
 1,1,2-Trichloroethane
 Concen: 50.769 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006979.D
 Acq: 09 Jan 2019 21:26

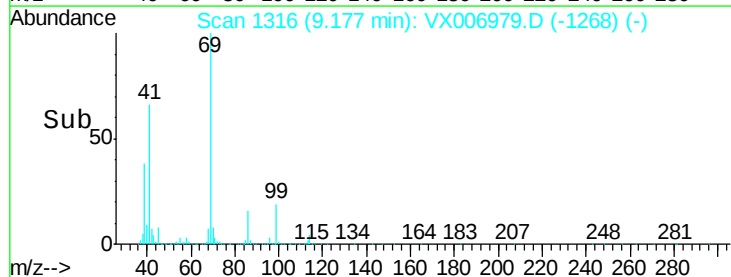
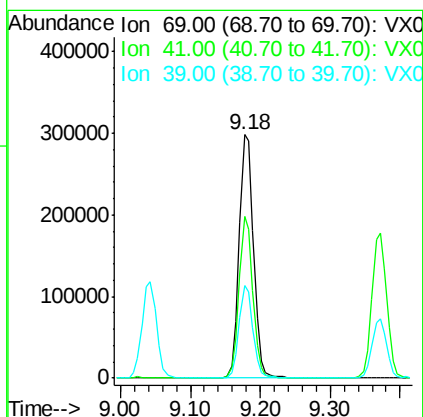
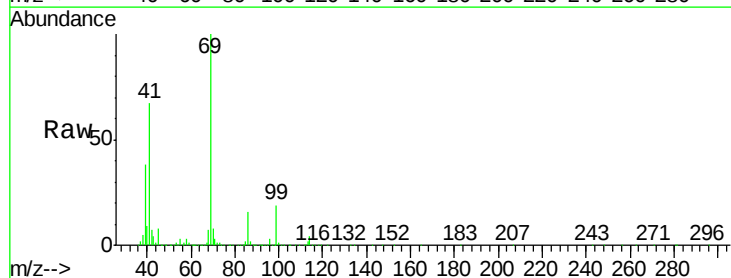
Instrument :
 MSVOA_X
 ClientSampleId :

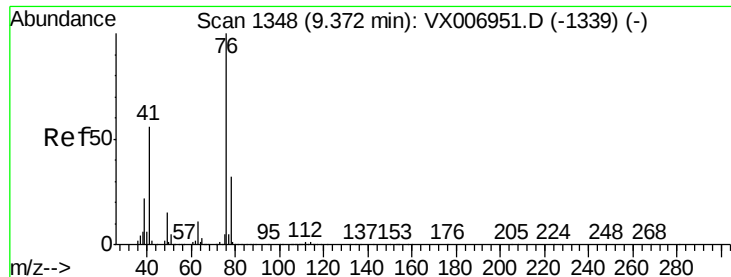
Tot Ion:	97	Resp:	292498
Ion	Ratio	Lower	Upper
97	100		
83	82.6	66.6	99.8
85	53.6	42.7	64.1
99	63.7	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 50.637 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VX006979.D
 Acq: 09 Jan 2019 21:26

Tgt Ion:	69	Resp:	425893
Ion	Ratio	Lower	Upper
69	100		
41	63.9	48.7	73.1
39	36.5	27.0	40.6





#57

1,3-Dichloropropane

Concen: 49.544 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

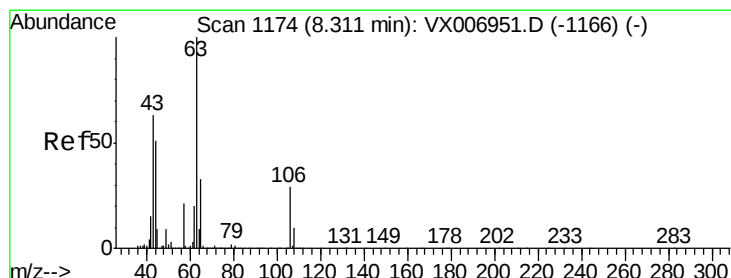
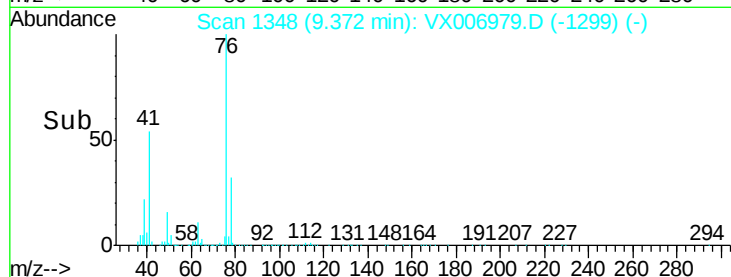
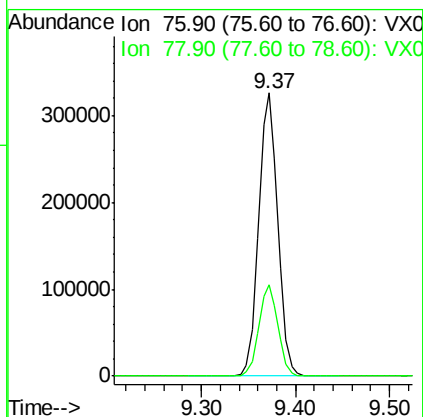
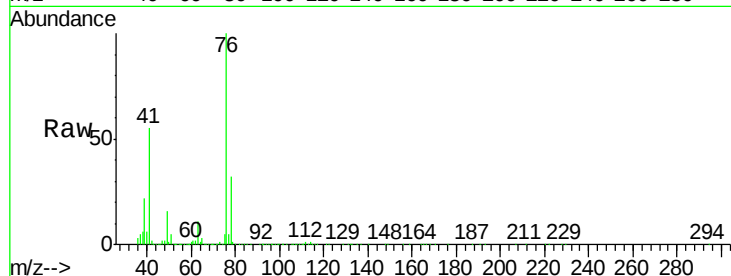
ClientSampleId :

Tot Ion: 76 Resp: 467629

Ion Ratio Lower Upper

76 100

78 32.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 246.774 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006979.D

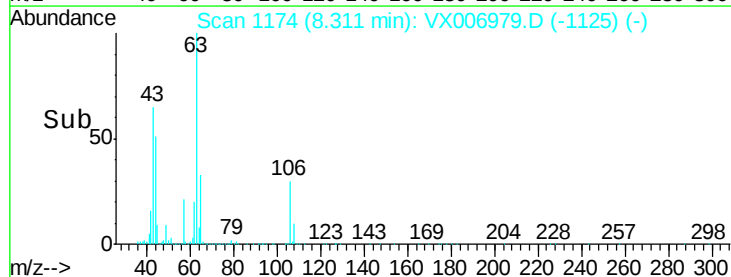
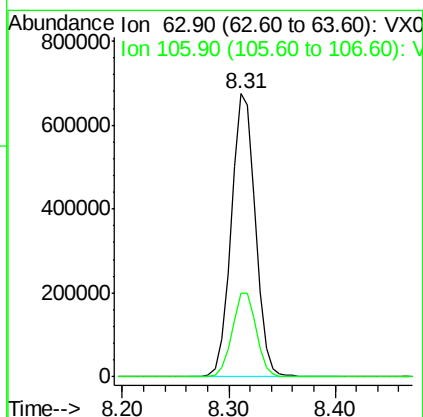
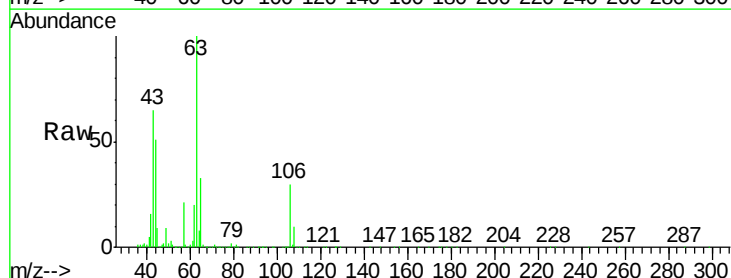
Acq: 09 Jan 2019 21:26

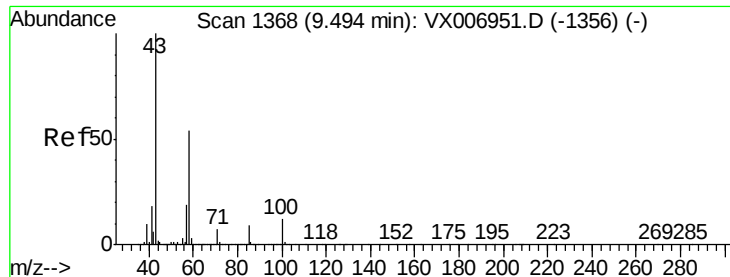
Tgt Ion: 63 Resp: 1067161

Ion Ratio Lower Upper

63 100

106 30.2 24.6 36.8

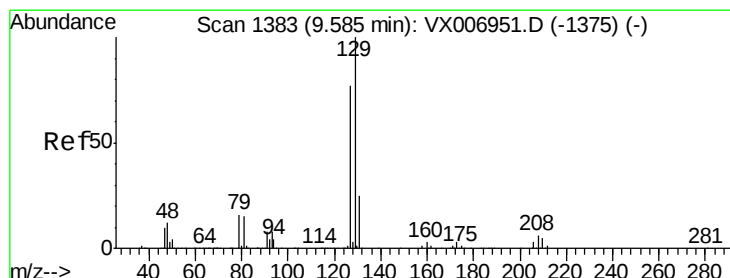
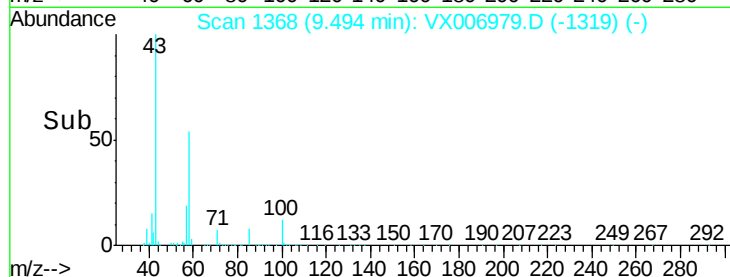
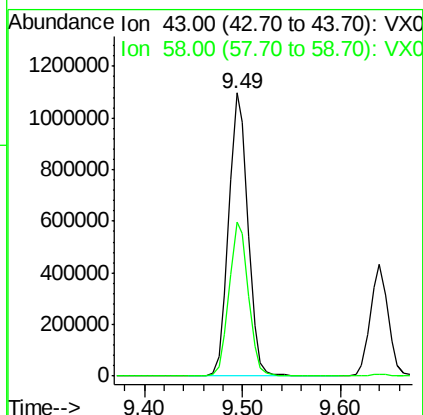
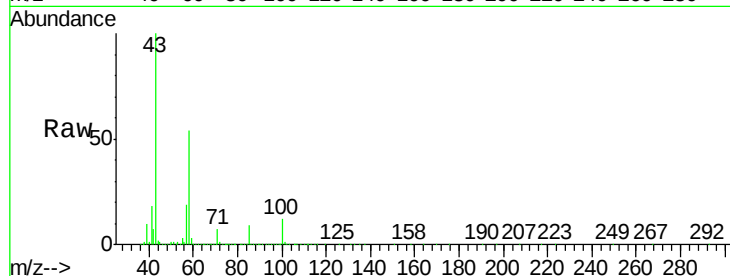




#59
2-Hexanone
Concen: 245.858 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

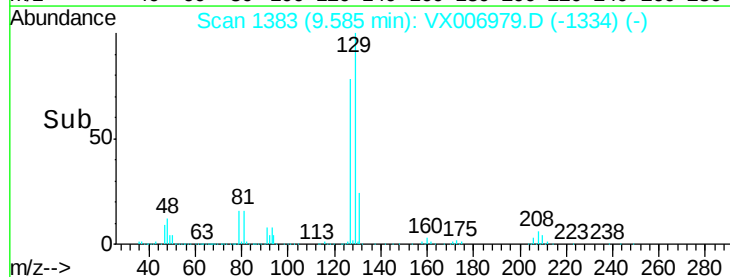
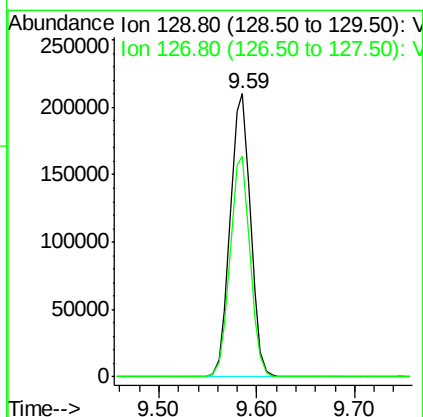
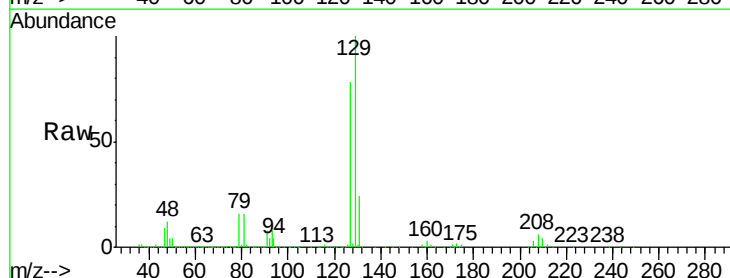
Instrument :
MSVOA_X
ClientSampleId :

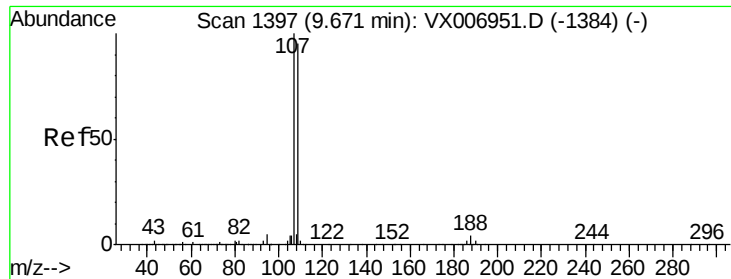
Tot Ion: 43 Resp: 1494429
Ion Ratio Lower Upper
43 100
58 54.8 27.7 83.1



#60
Dibromochloromethane
Concen: 54.297 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Tgt Ion: 129 Resp: 303758
Ion Ratio Lower Upper
129 100
127 76.8 39.3 117.8





#61

1,2-Dibromoethane

Concen: 50.030 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

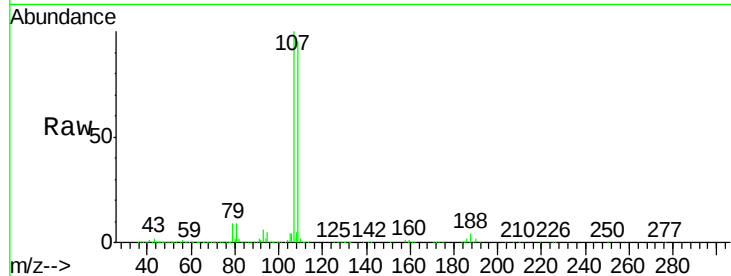
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:107 Resp: 317320

Ion Ratio Lower Upper

107 100

109 95.0 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

250000

200000

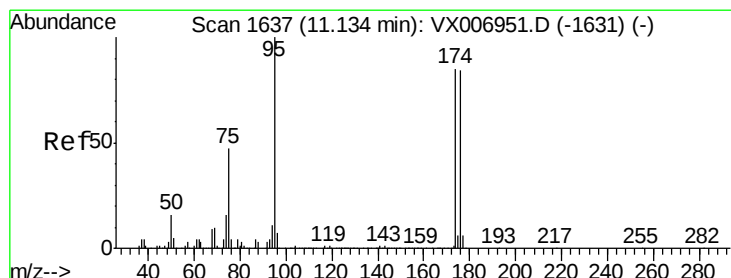
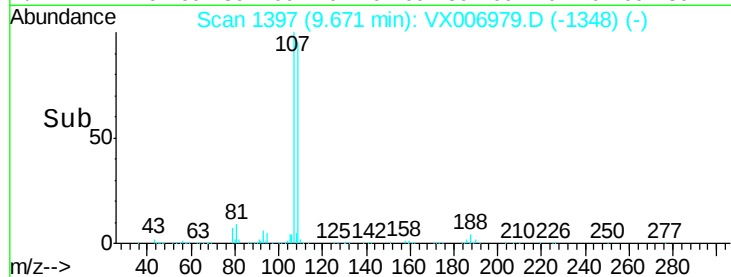
150000

100000

50000

0

Time--> 9.50 9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 48.477 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

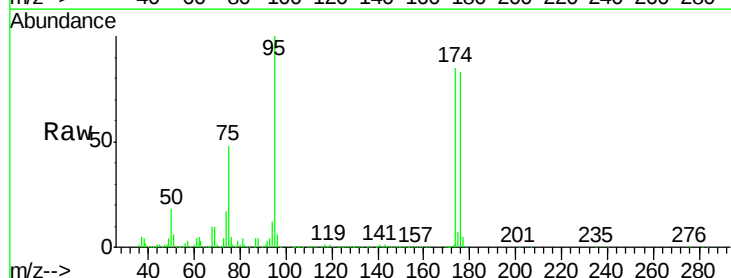
Tgt Ion: 95 Resp: 334420

Ion Ratio Lower Upper

95 100

174 94.2 0.0 182.2

176 91.9 0.0 178.8



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

11.13

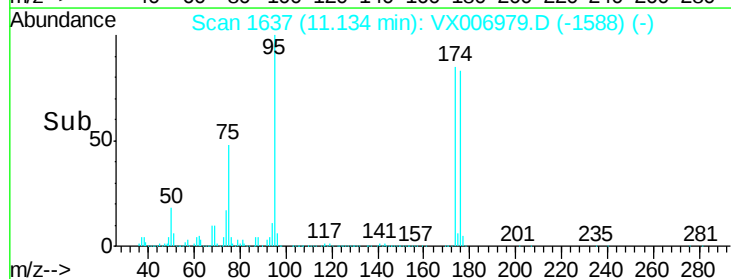
300000

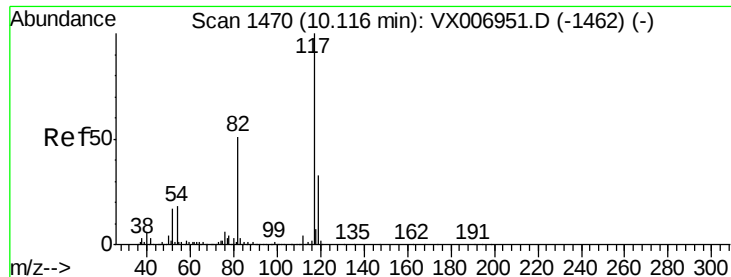
200000

100000

0

Time--> 11.10 11.20

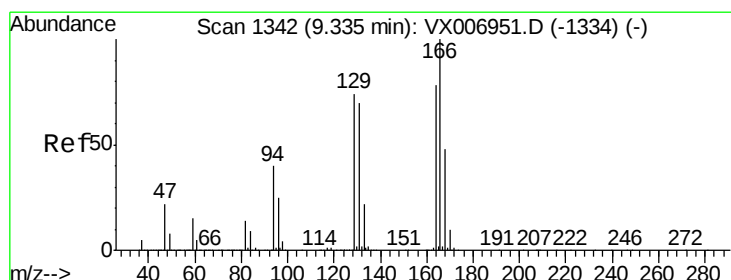
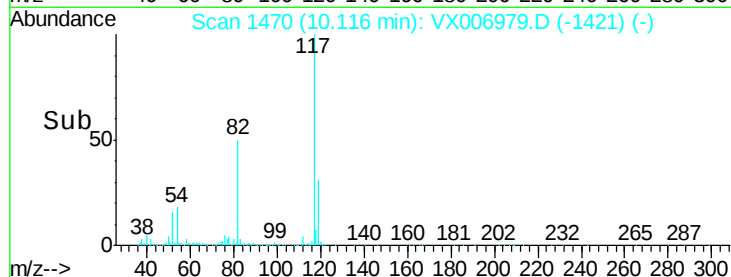
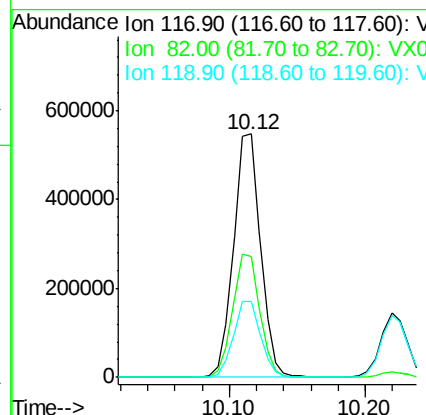
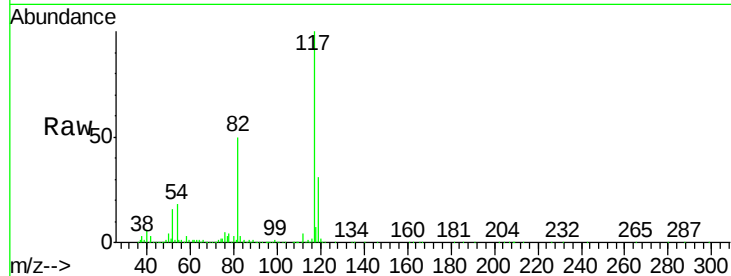




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

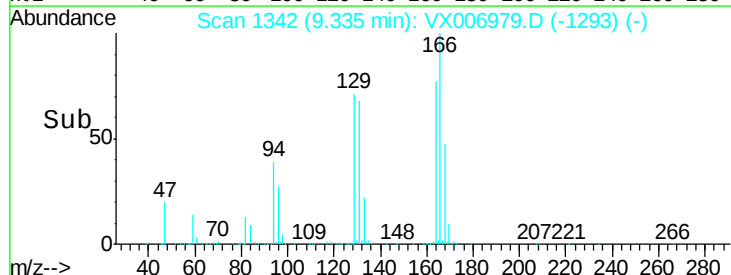
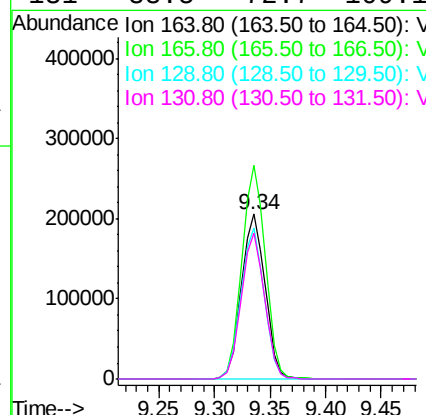
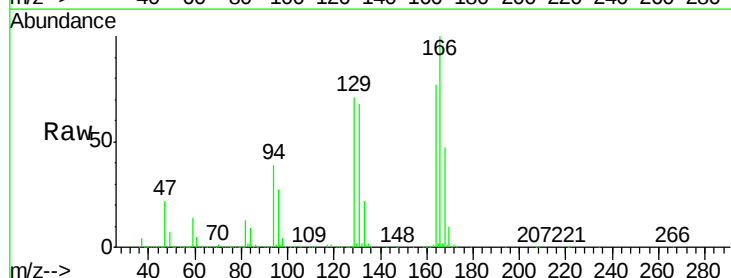
Instrument :
MSVOA_X
ClientSampleId :

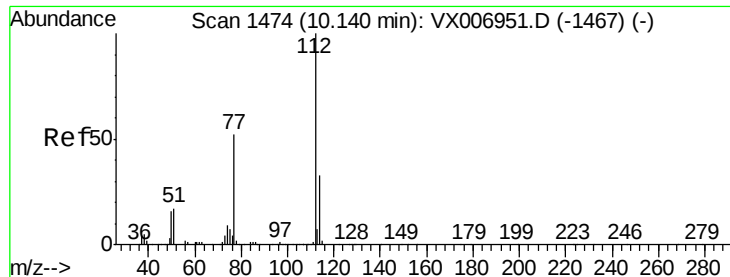
Tot Ion:117 Resp: 757214
Ion Ratio Lower Upper
117 100
82 49.8 41.0 61.6
119 31.0 25.4 38.0



#64
Tetrachloroethene
Concen: 46.281 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Tgt Ion:164 Resp: 303404
Ion Ratio Lower Upper
164 100
166 129.5 102.5 153.7
129 91.7 75.1 112.7
131 88.5 72.7 109.1





#65

Chlorobenzene

Concen: 48.205 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

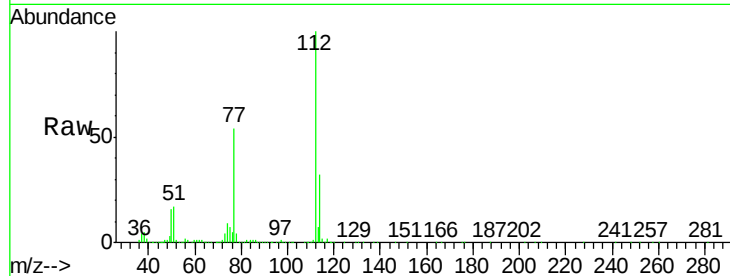
ClientSampleId :

Tot Ion:112 Resp: 796113

Ion Ratio Lower Upper

112 100

114 32.0 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

600000

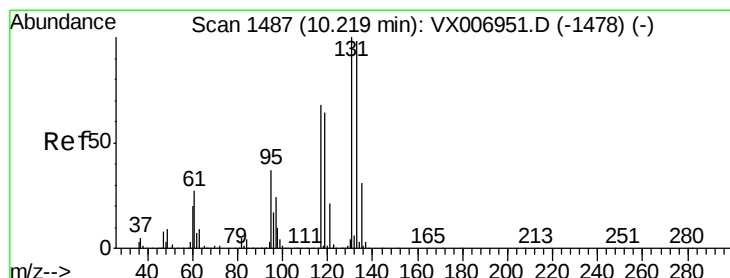
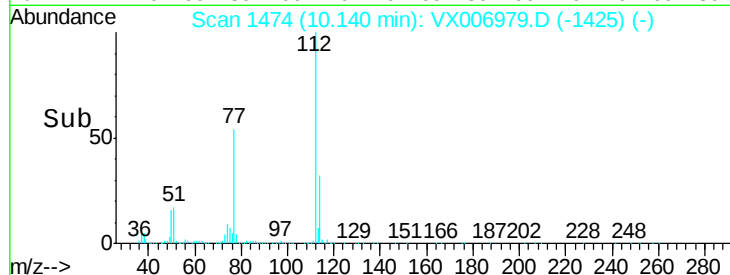
400000

200000

0

Time-->

10.00 10.10 10.20 10.30



#66

1,1,1,2-Tetrachloroethane

Concen: 51.811 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

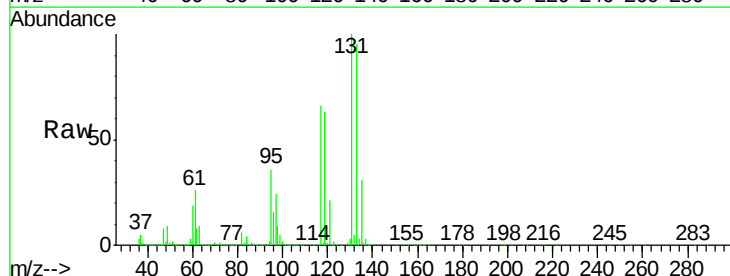
Tgt Ion:131 Resp: 287849

Ion Ratio Lower Upper

131 100

133 96.4 48.0 144.2

119 64.6 32.6 97.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.22

300000

250000

200000

150000

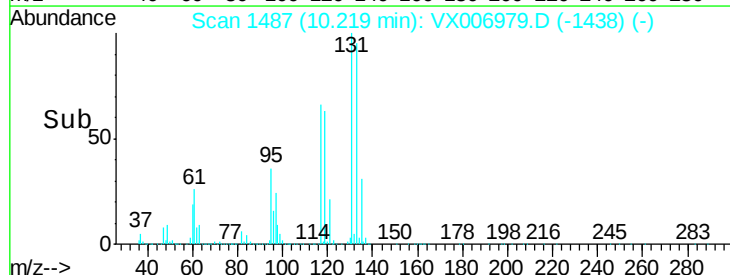
100000

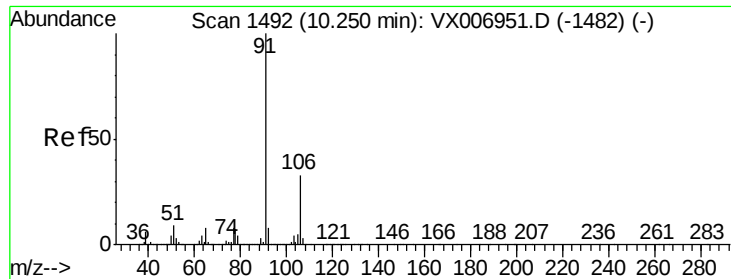
50000

0

Time-->

10.20 10.30





#67

Ethyl Benzene

Concen: 48.856 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

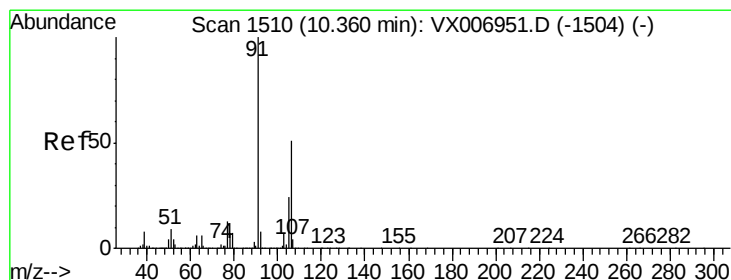
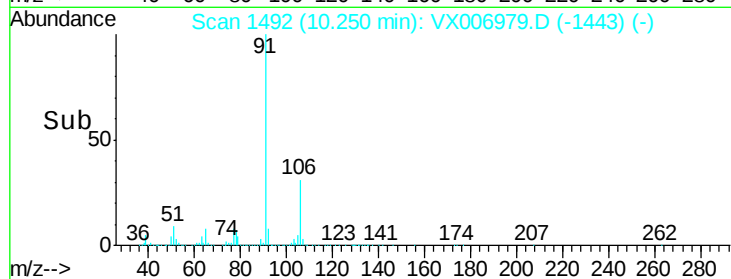
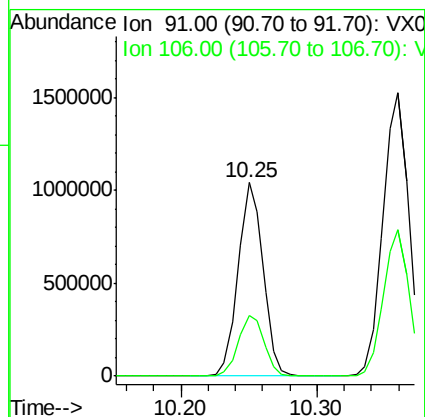
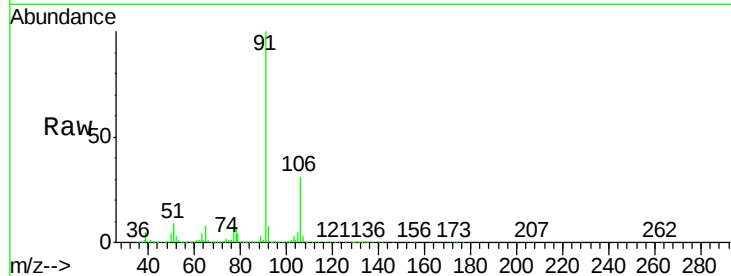
ClientSampleId :

Tot Ion: 91 Resp: 1332047

Ion Ratio Lower Upper

91 100

106 31.2 26.4 39.6



#68

m/p-Xylenes

Concen: 96.858 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006979.D

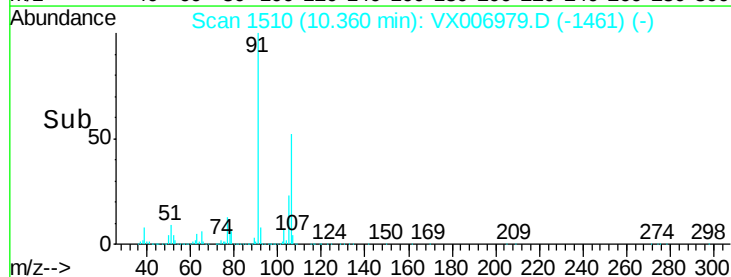
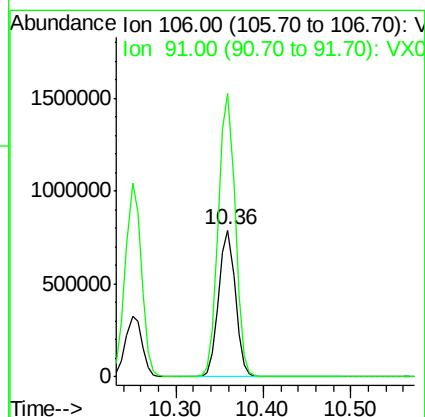
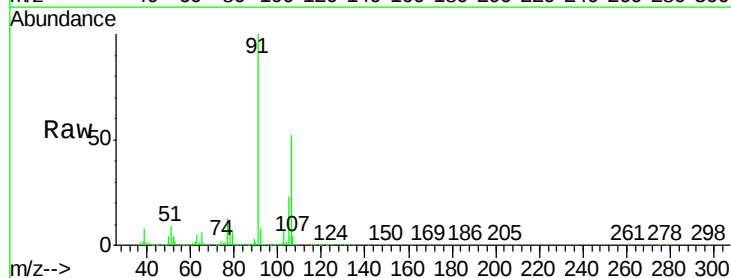
Acq: 09 Jan 2019 21:26

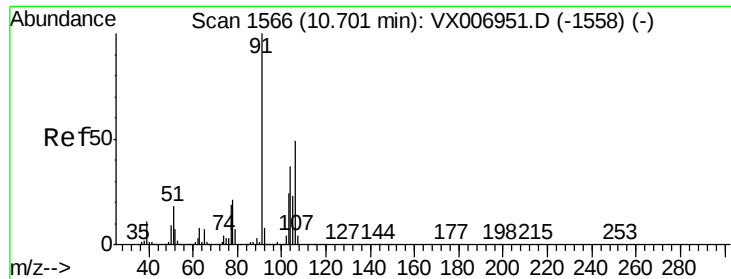
Tgt Ion: 106 Resp: 1040439

Ion Ratio Lower Upper

106 100

91 194.6 155.8 233.6

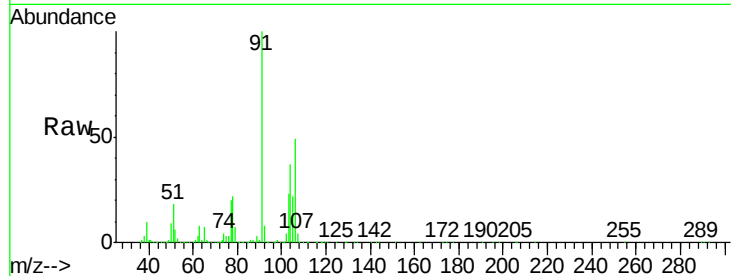




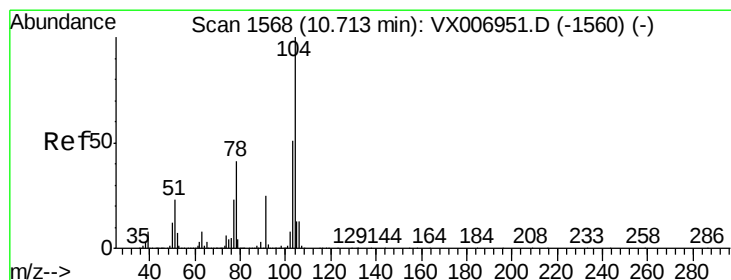
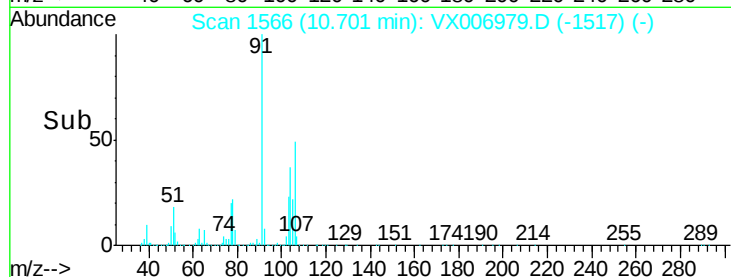
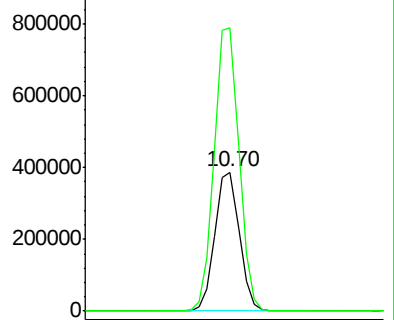
#69
o-Xylene
Concen: 48.488 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 507957
Ion Ratio Lower Upper
106 100
91 206.0 101.3 303.7

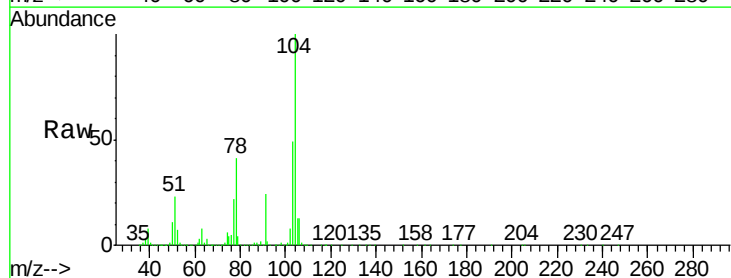


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

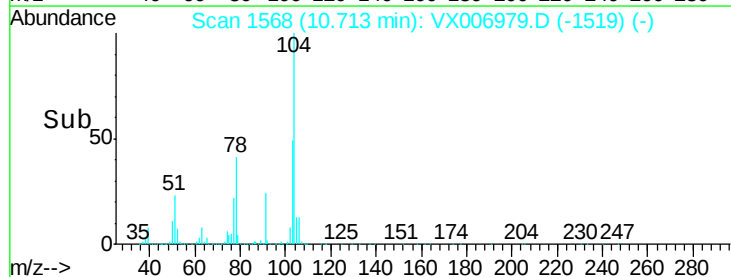
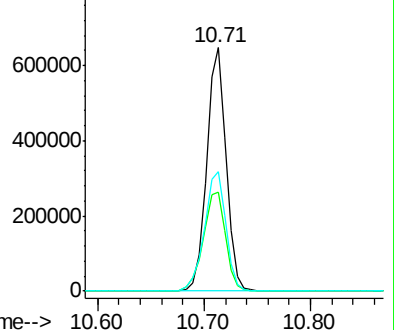


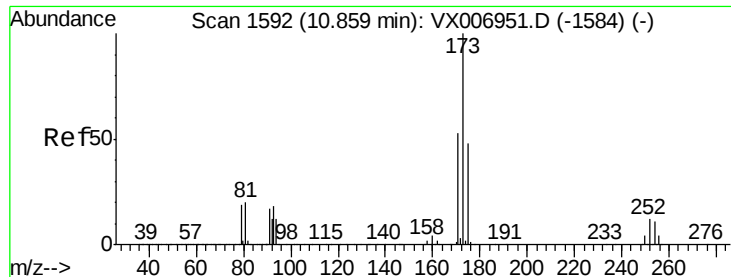
#70
Styrene
Concen: 49.718 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Tgt Ion:104 Resp: 824905
Ion Ratio Lower Upper
104 100
78 47.2 37.7 56.5
103 54.9 43.8 65.8



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





#71

Bromoform

Concen: 44.788 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

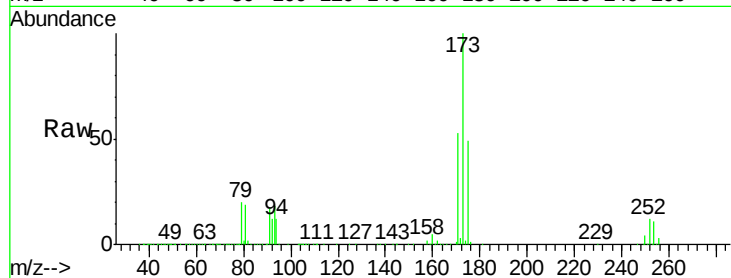
Tot Ion:173 Resp: 219918

Ion Ratio Lower Upper

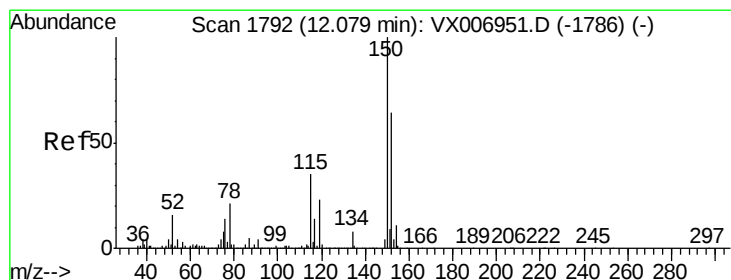
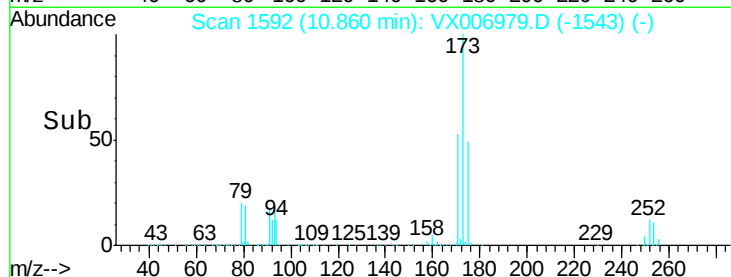
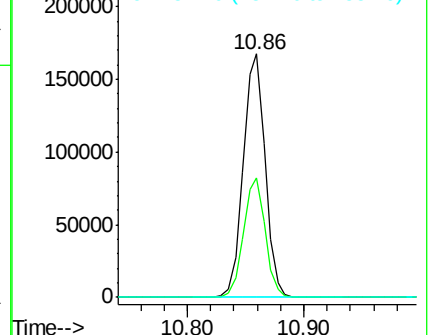
173 100

175 48.8 24.7 74.1

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: VX006979.D

Acq: 09 Jan 2019 21:26

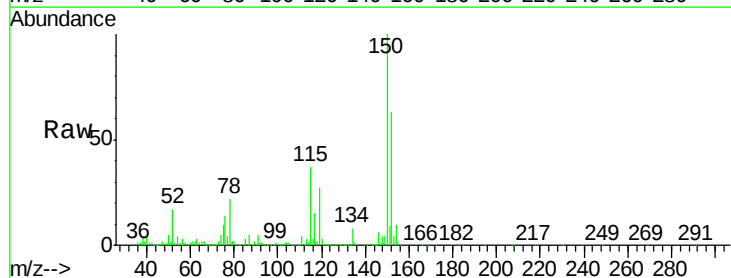
Tgt Ion:152 Resp: 380667

Ion Ratio Lower Upper

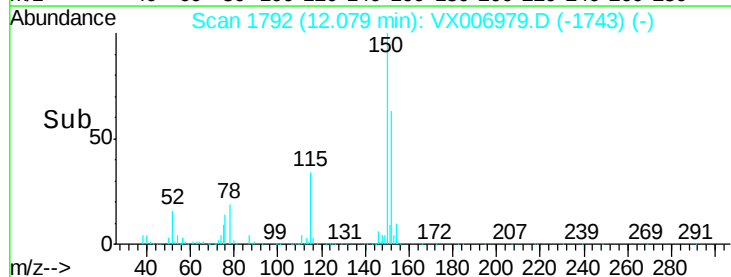
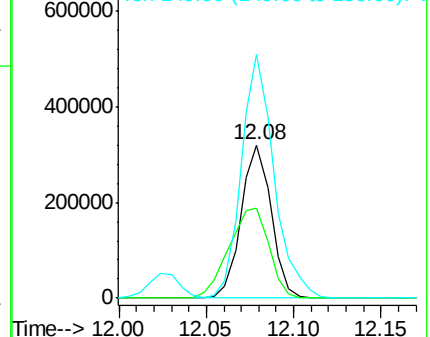
152 100

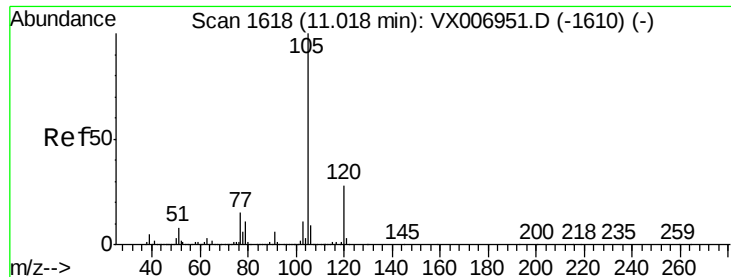
115 78.6 39.1 117.2

150 173.8 0.0 344.8



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: 49.810 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

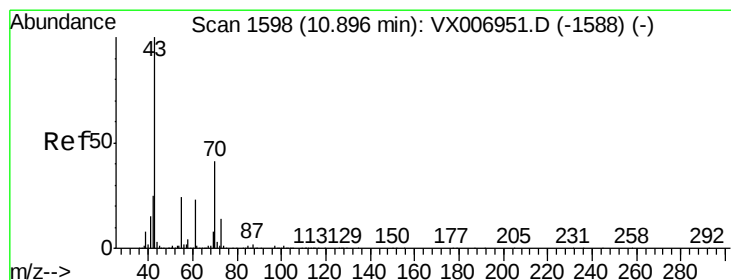
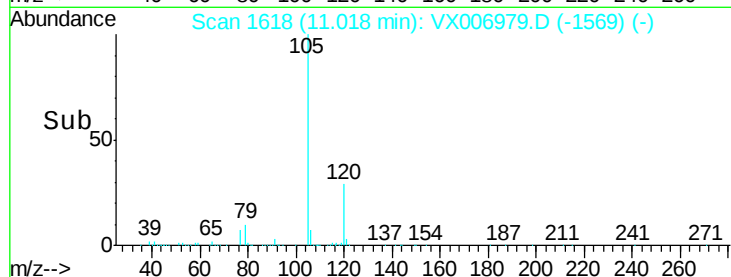
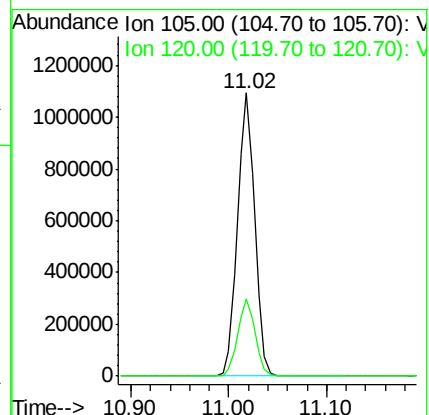
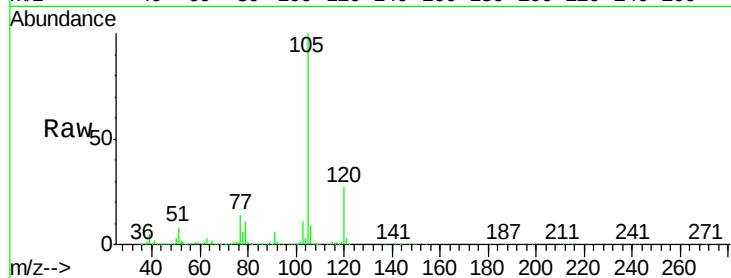
ClientSampleId :

Tot Ion:105 Resp: 1337025

Ion Ratio Lower Upper

105 100

120 27.4 14.1 42.4



#74

N-ethyl acetate

Concen: 50.406 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Tgt Ion: 43 Resp: 544749

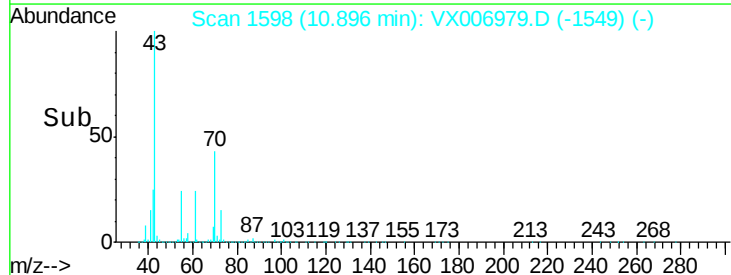
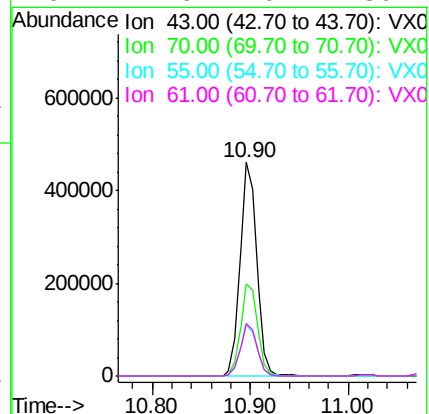
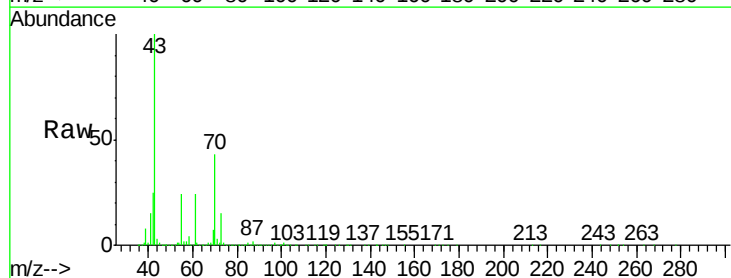
Ion Ratio Lower Upper

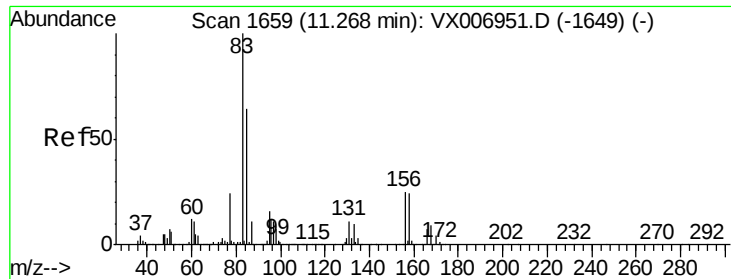
43 100

70 43.5 35.8 53.8

55 23.5 19.4 29.0

61 24.6 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 49.402 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

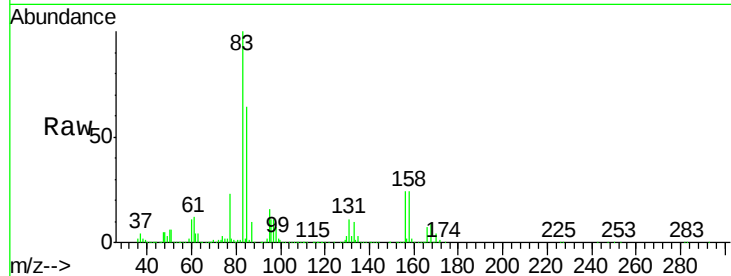
Tot Ion: 83 Resp: 420983

Ion Ratio Lower Upper

83 100

131 10.9 5.7 17.1

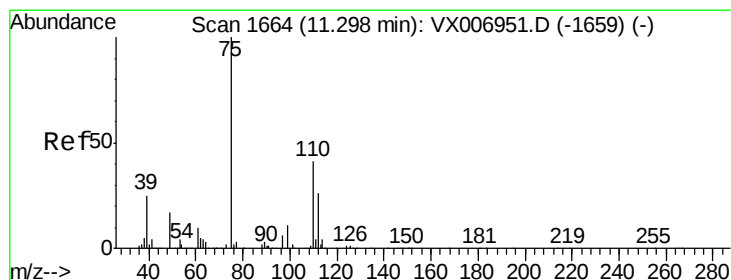
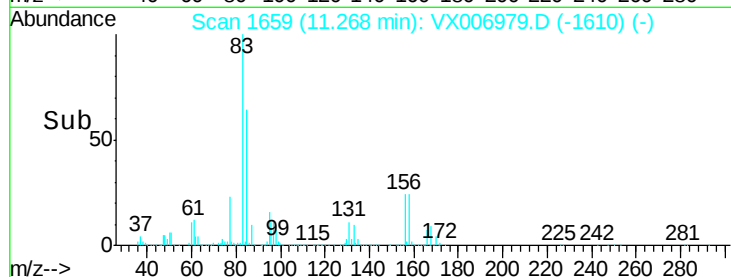
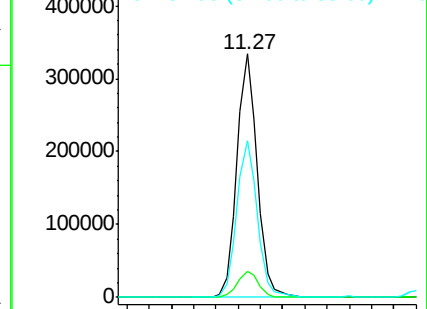
85 65.3 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 61.813 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006979.D

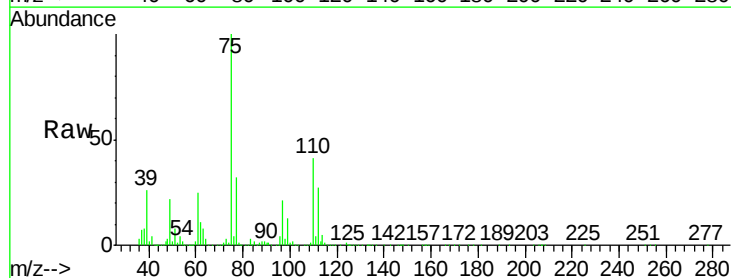
Acq: 09 Jan 2019 21:26

Tgt Ion: 75 Resp: 476831

Ion Ratio Lower Upper

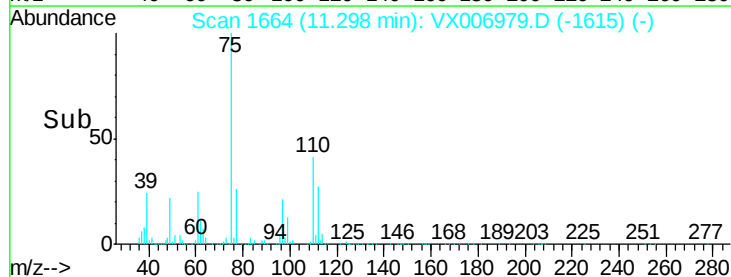
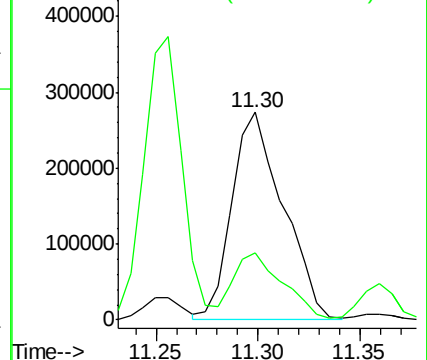
75 100

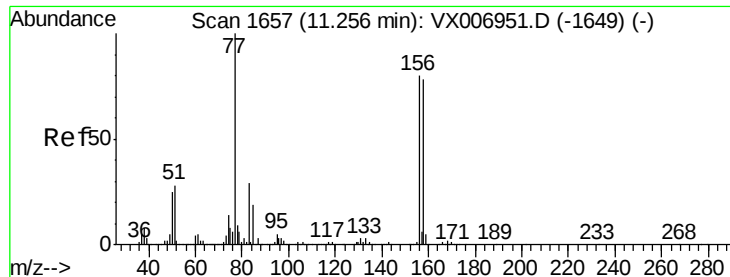
77 30.7 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.720 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

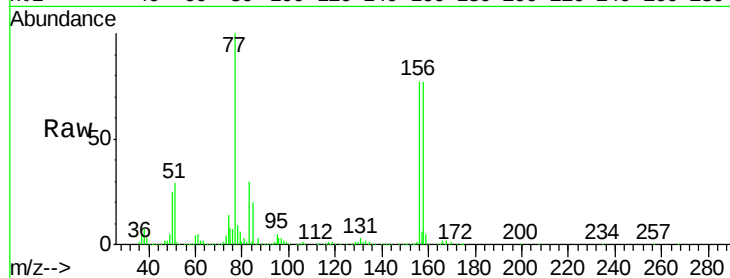
Tot Ion:156 Resp: 360340

Ion Ratio Lower Upper

156 100

77 134.9 68.0 204.0

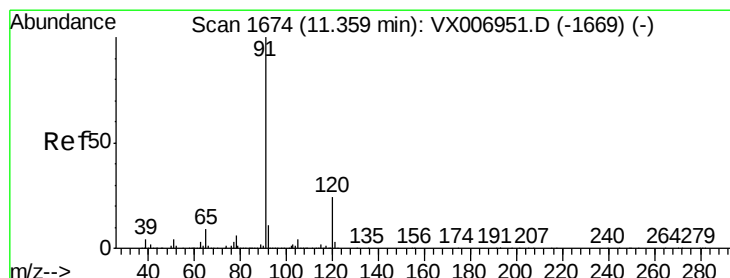
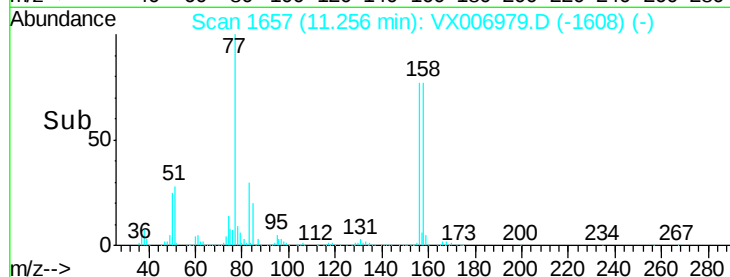
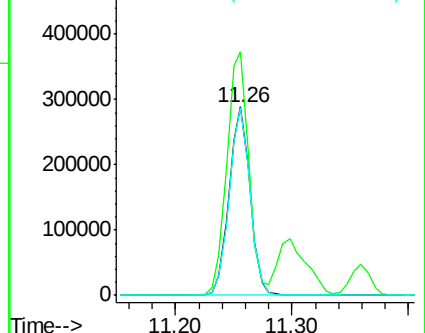
158 98.7 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.594 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006979.D

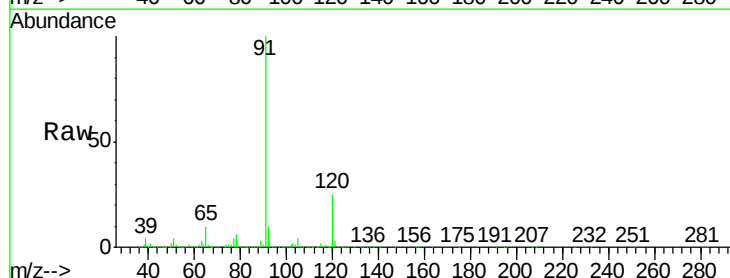
Acq: 09 Jan 2019 21:26

Tgt Ion: 91 Resp: 1490862

Ion Ratio Lower Upper

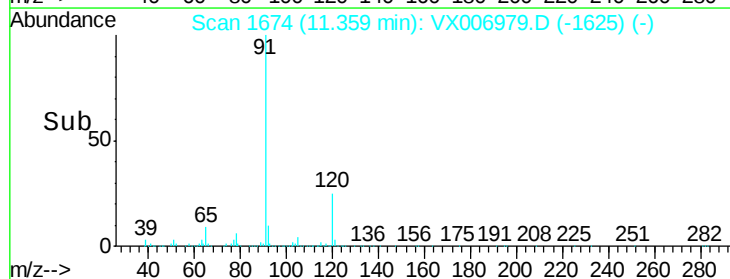
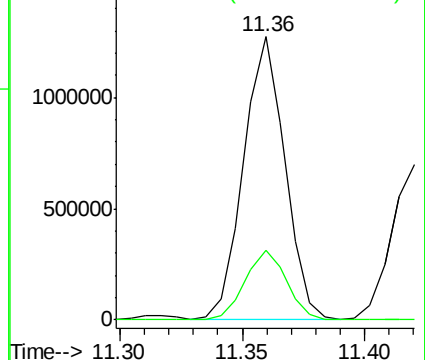
91 100

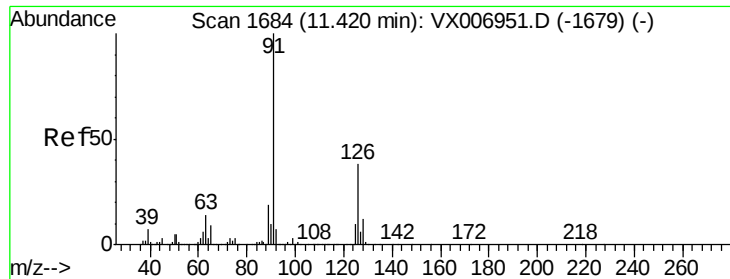
120 24.8 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.673 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

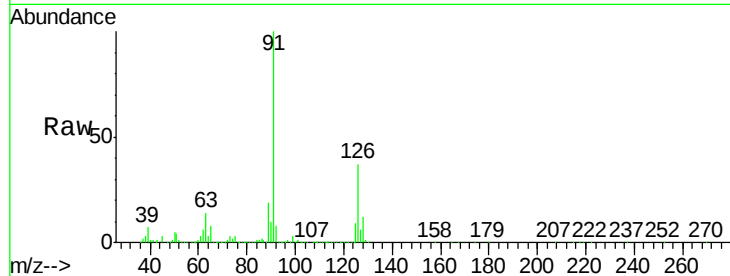
ClientSampleId :

Tot Ion: 91 Resp: 863369

Ion Ratio Lower Upper

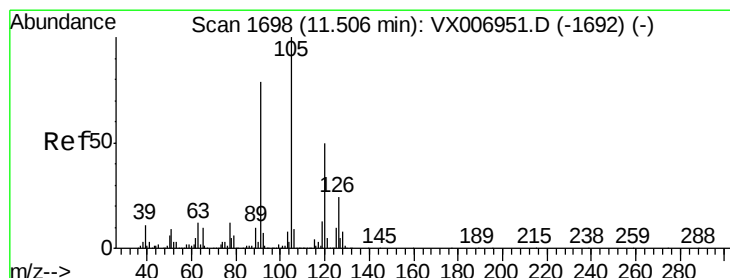
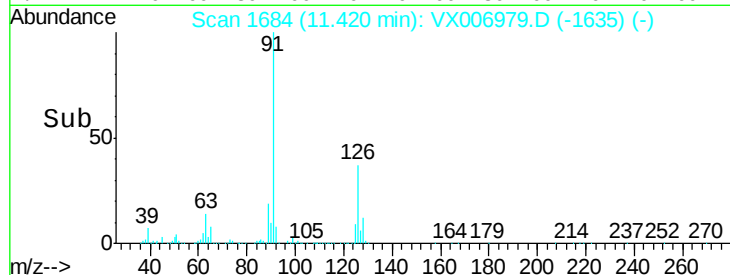
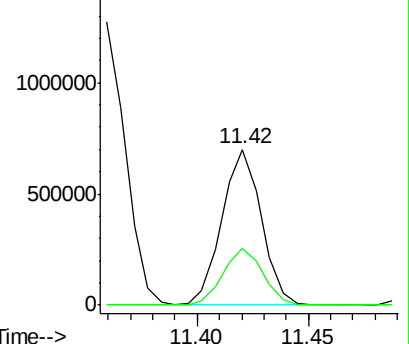
91 100

126 37.2 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VX006979.D (-1635) (-)

Ion 125.90 (125.60 to 126.60): VX006979.D (-1635) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.439 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006979.D

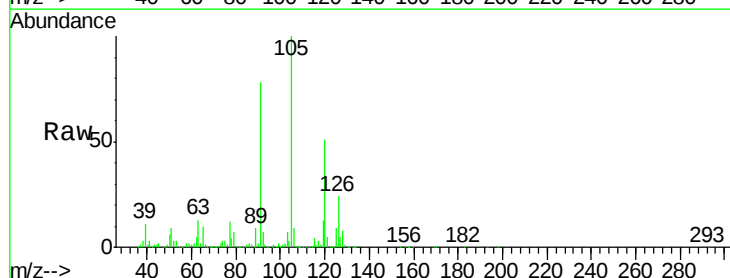
Acq: 09 Jan 2019 21:26

Tgt Ion: 105 Resp: 1108868

Ion Ratio Lower Upper

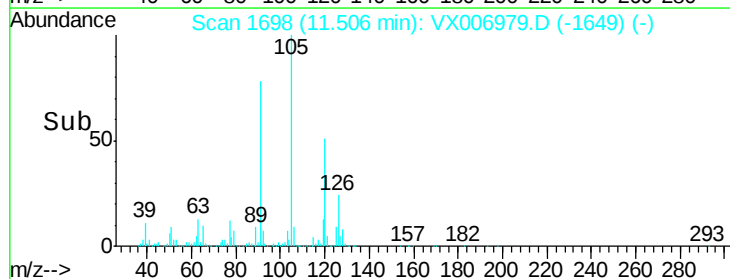
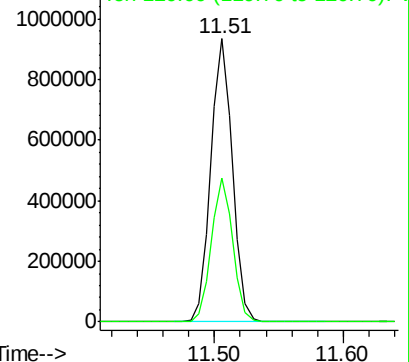
105 100

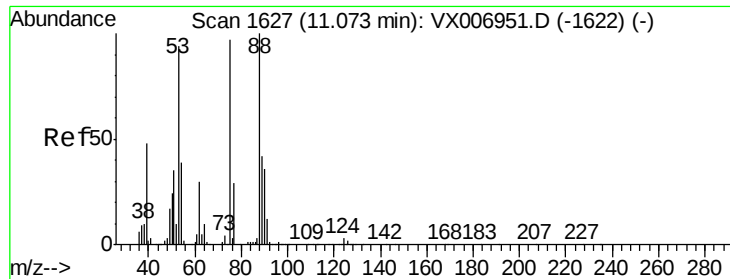
120 50.3 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VX006979.D (-1649) (-)

Ion 120.00 (119.70 to 120.70): VX006979.D (-1649) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 44.373 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

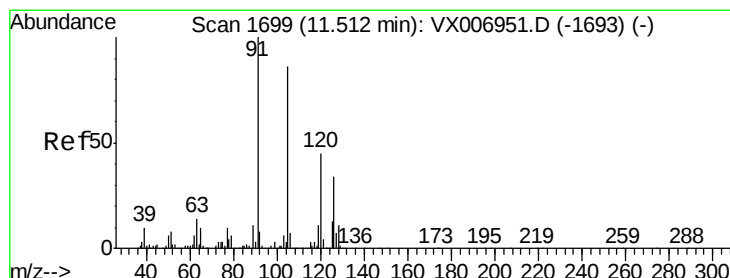
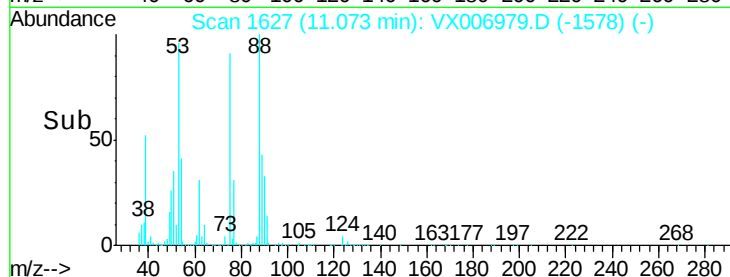
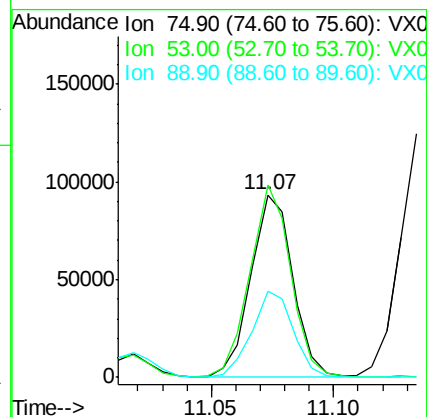
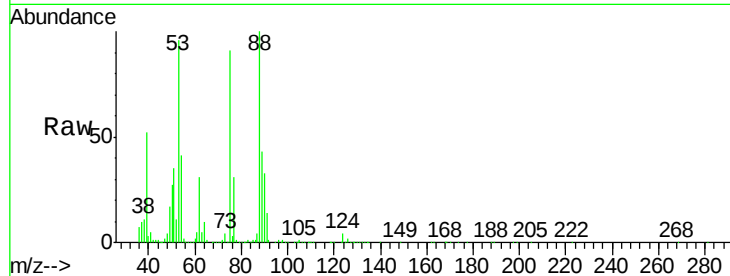
Tot Ion: 75 Resp: 112247

Ion	Ratio	Lower	Upper
75	100		
53	100.9	79.7	119.5
89	47.0	38.0	57.0

75 100

53 100.9 79.7 119.5

89 47.0 38.0 57.0



#82

4-Chlorotoluene

Concen: 49.352 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX006979.D

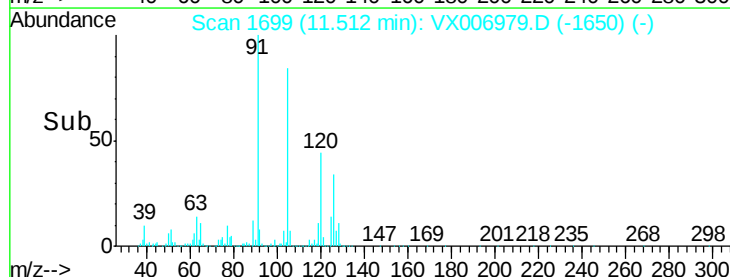
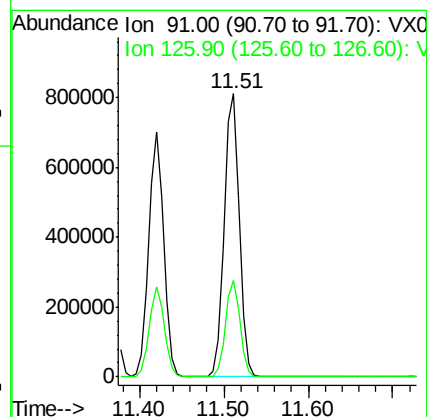
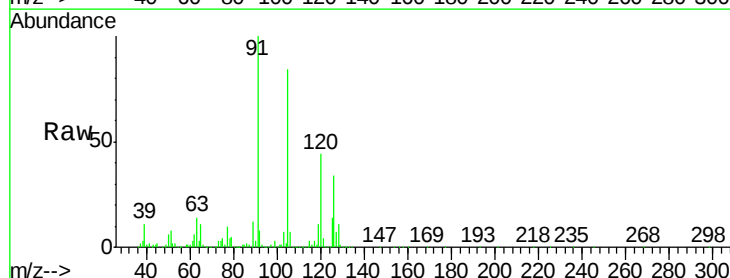
Acq: 09 Jan 2019 21:26

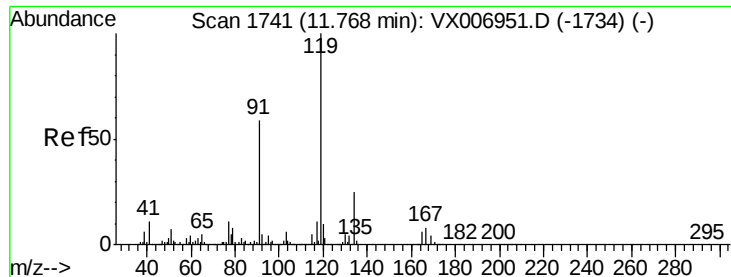
Tgt Ion: 91 Resp: 1013587

Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.3	48.9

91 100

126 32.9 16.3 48.9





#83

tert-Butylbenzene

Concen: 50.444 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

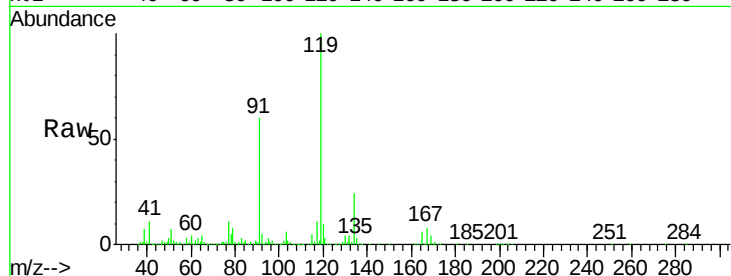
Tot Ion:119 Resp: 1128830

Ion	Ratio	Lower	Upper
119	100		
91	54.3	27.7	83.1
134	23.2	11.9	35.5

119 100

91 54.3 27.7 83.1

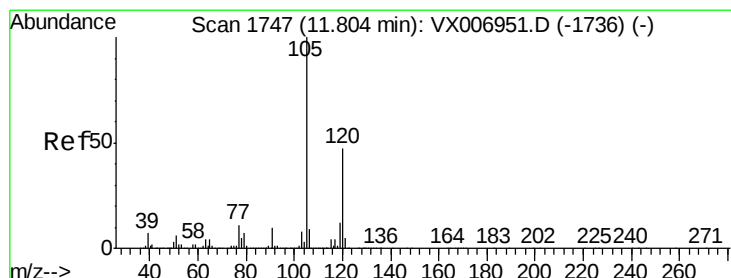
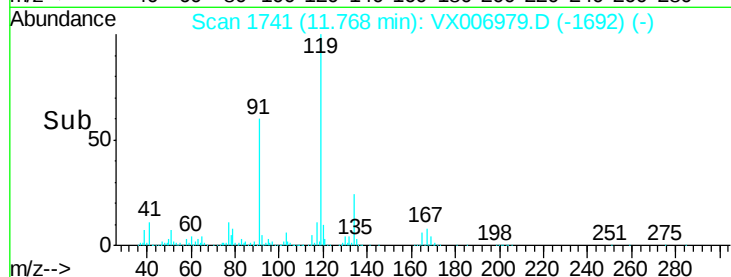
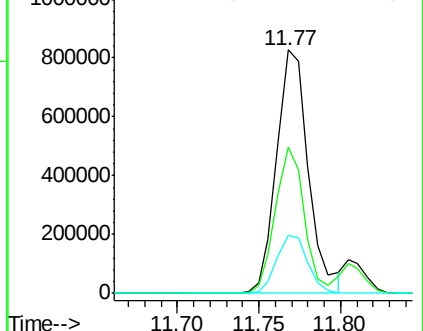
134 23.2 11.9 35.5



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: 50.051 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006979.D

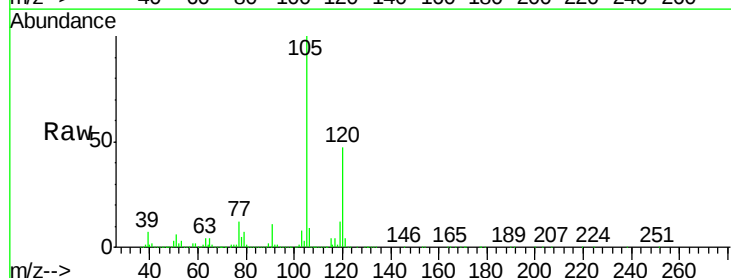
Acq: 09 Jan 2019 21:26

Tgt Ion:105 Resp: 1128867

Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.2	69.6

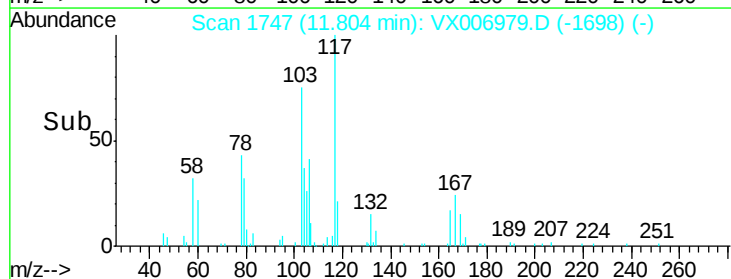
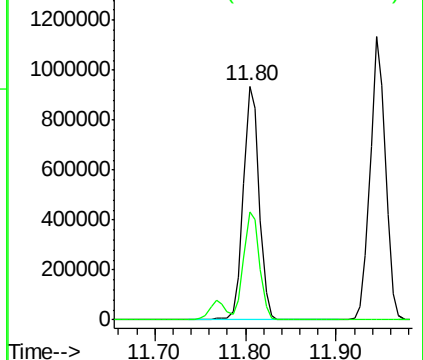
105 100

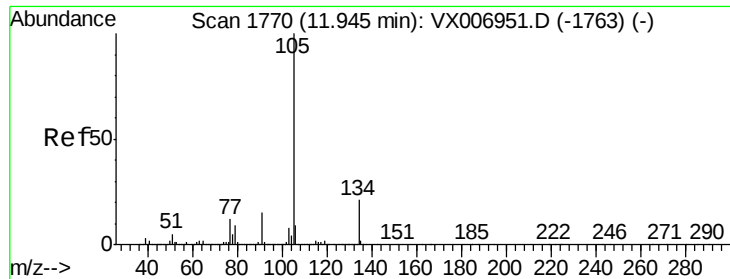
120 46.3 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.739 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

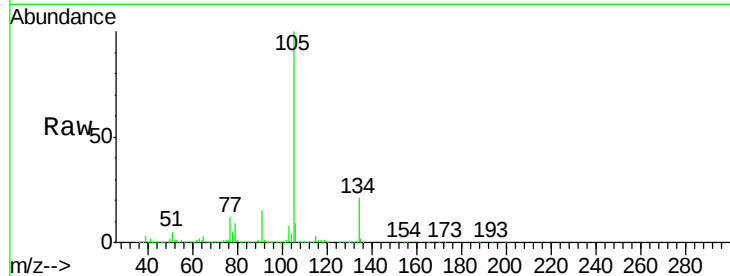
ClientSampleId :

Tot Ion:105 Resp: 1329283

Ion Ratio Lower Upper

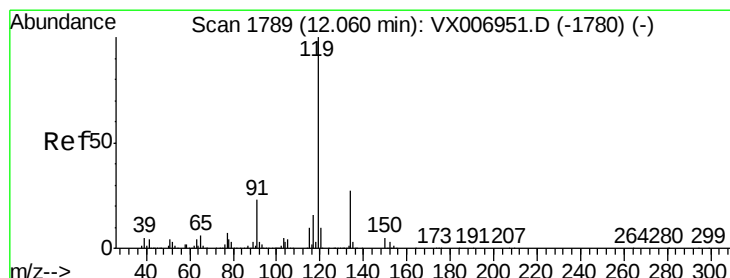
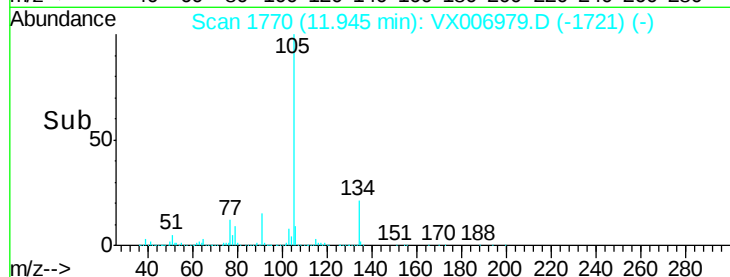
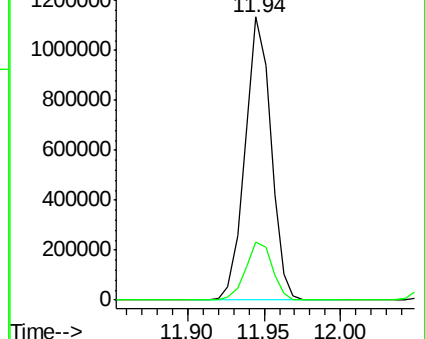
105 100

134 21.4 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.746 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

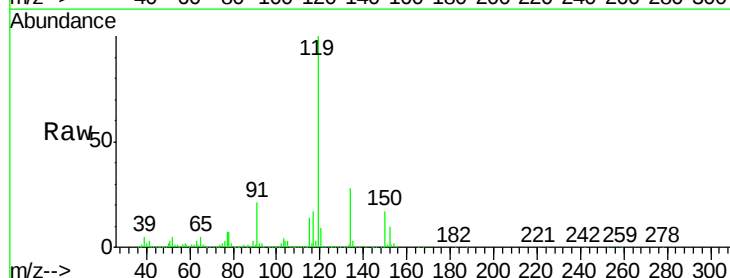
Tgt Ion:119 Resp: 1189171

Ion Ratio Lower Upper

119 100

134 27.4 14.0 41.9

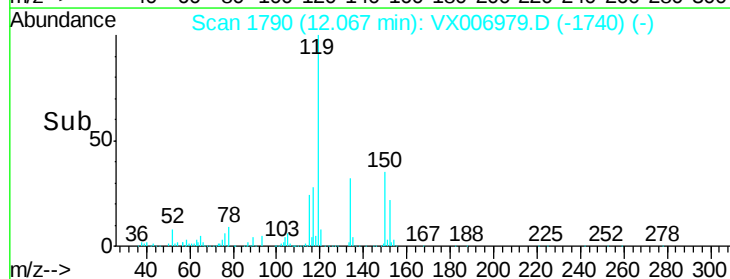
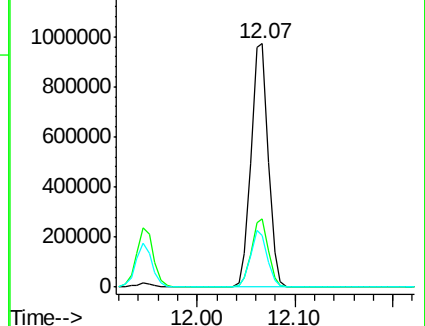
91 22.5 11.3 33.9

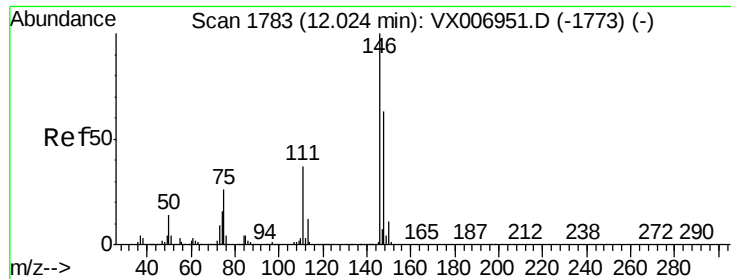


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

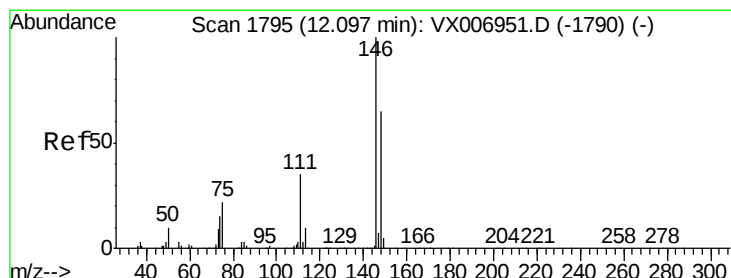
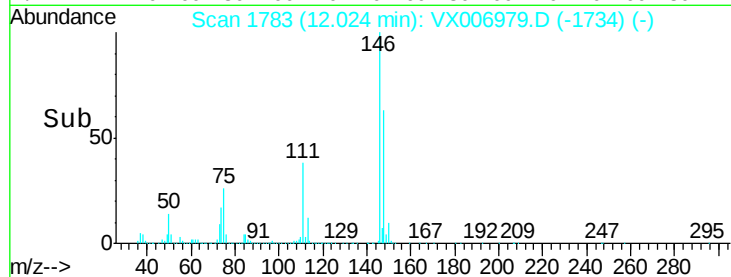
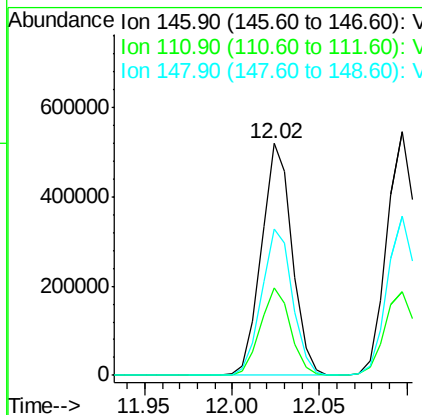
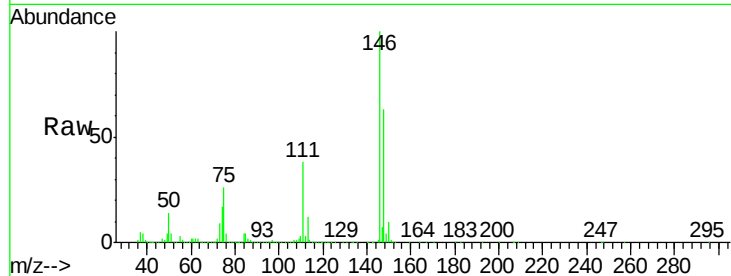




#87
 1,3-Dichlorobenzene
 Concen: 47.838 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006979.D
 Acq: 09 Jan 2019 21:26

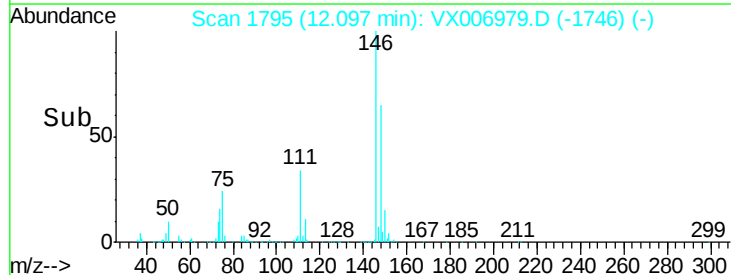
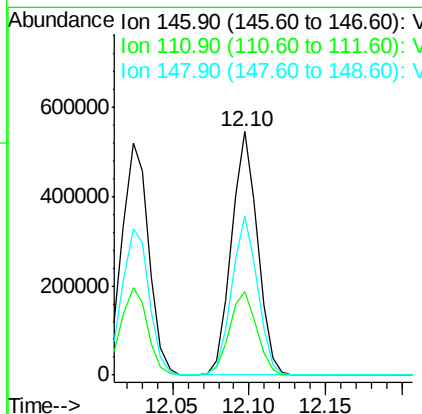
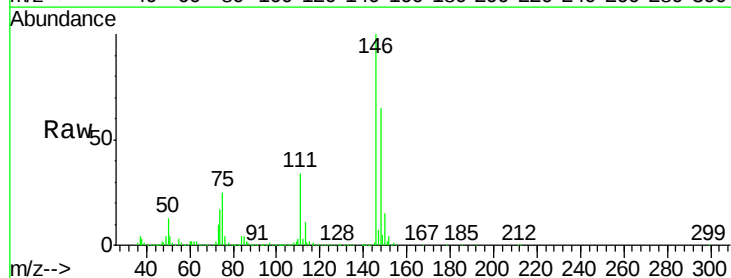
Instrument :
 MSVOA_X
 ClientSampleId :

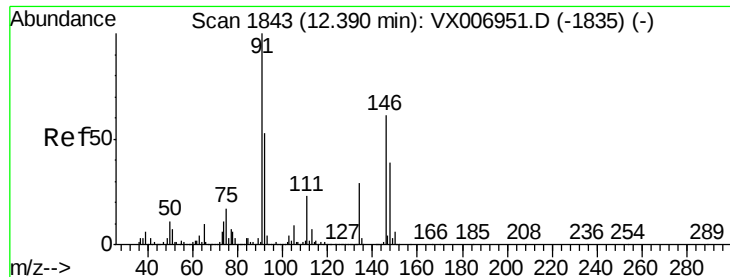
Tot Ion:146 Resp: 639510
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.6 55.8
 148 63.8 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 50.603 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006979.D
 Acq: 09 Jan 2019 21:26

Tgt Ion:146 Resp: 640966
 Ion Ratio Lower Upper
 146 100
 111 36.1 18.1 54.1
 148 64.8 31.9 95.9

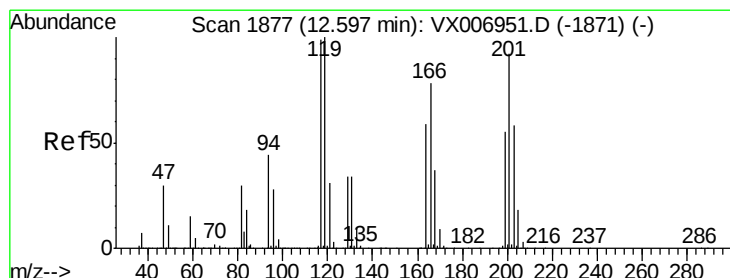
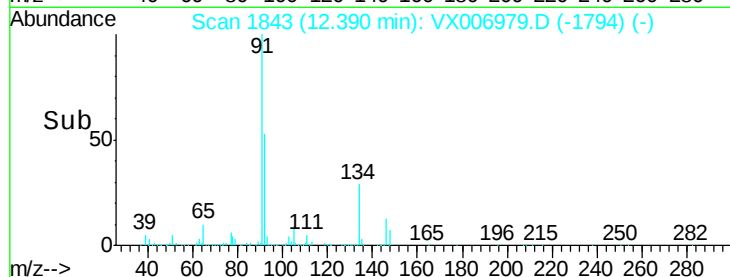
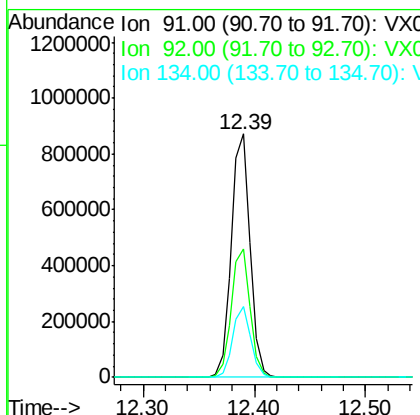
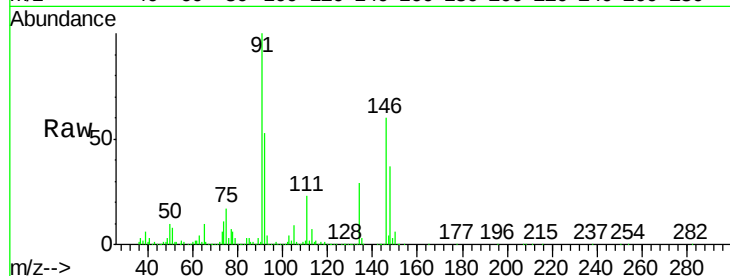




#89
n-Butylbenzene
Concen: 49.540 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

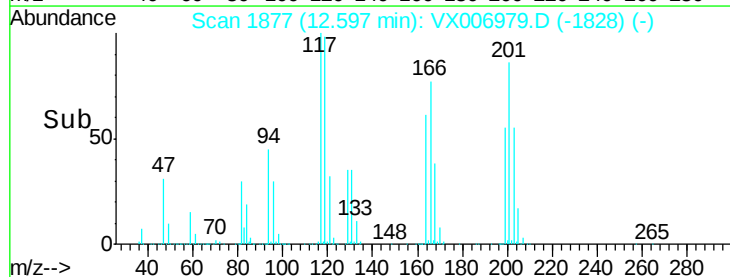
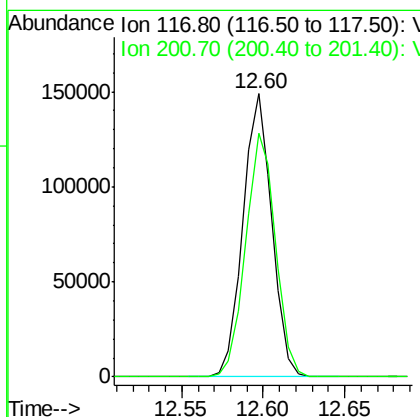
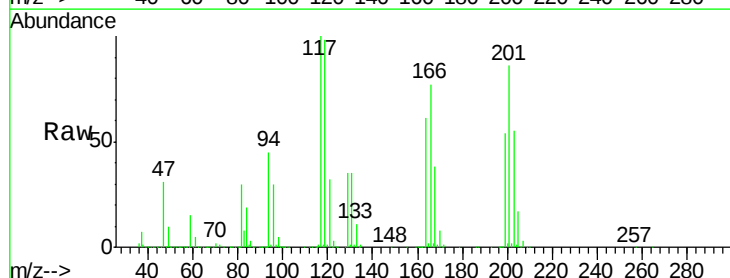
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 91 Resp: 1009532
Ion Ratio Lower Upper
91 100
92 52.9 26.8 80.4
134 28.2 14.4 43.2



#90
Hexachloroethane
Concen: 48.375 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Tgt Ion: 117 Resp: 184229
Ion Ratio Lower Upper
117 100
201 88.7 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 48.263 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

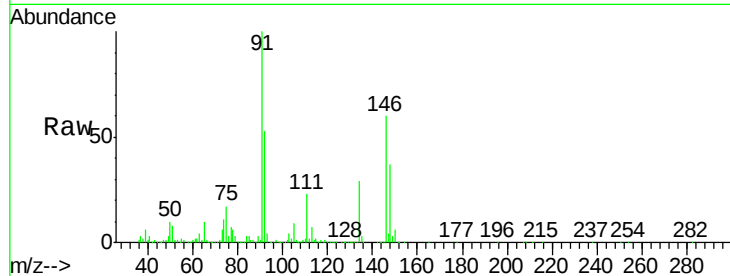
Tot Ion:146 Resp: 636710

Ion Ratio Lower Upper

146 100

111 38.4 19.4 58.2

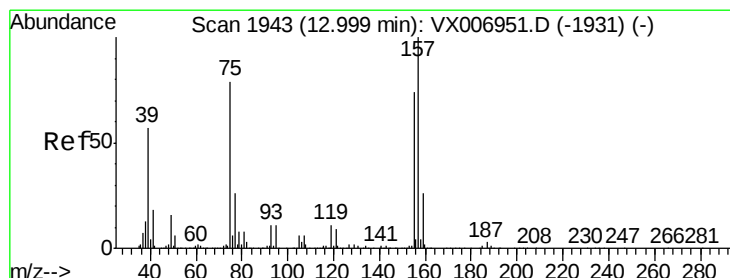
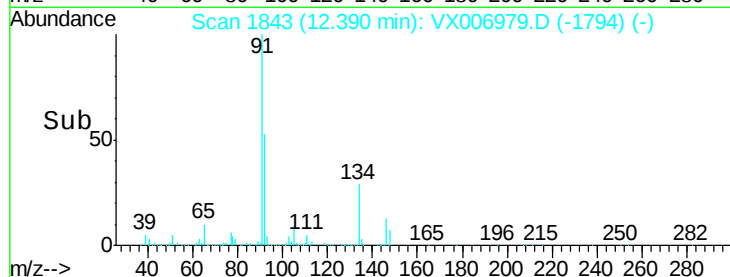
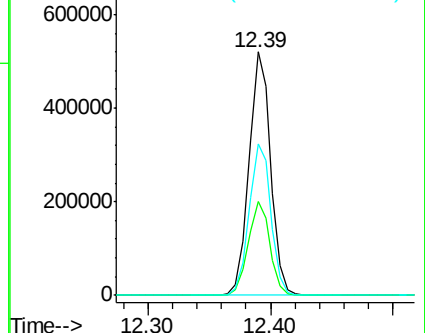
148 63.2 32.3 96.9



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.299 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

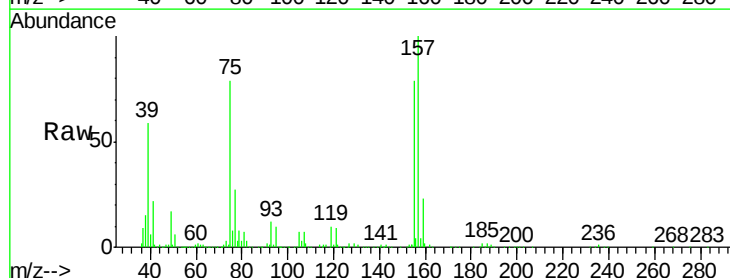
Tgt Ion: 75 Resp: 88142

Ion Ratio Lower Upper

75 100

155 102.8 50.6 151.8

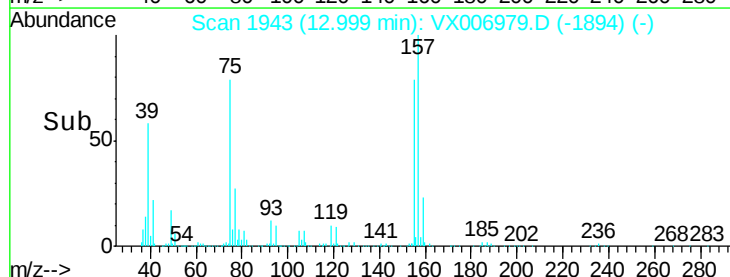
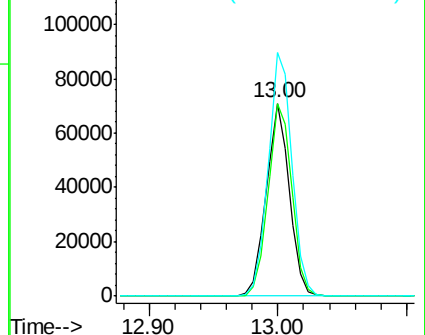
157 130.2 64.6 193.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

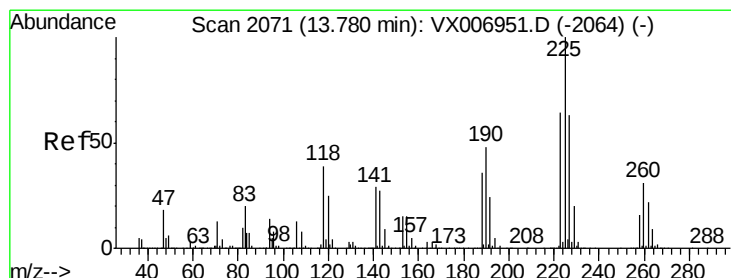
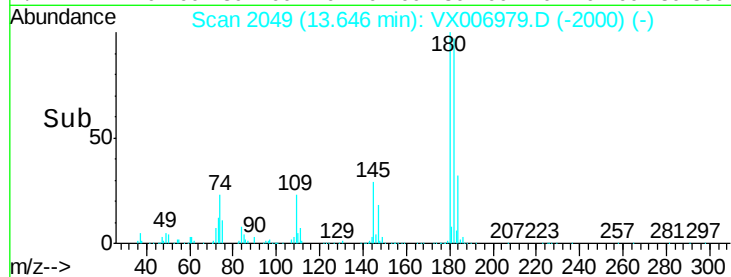
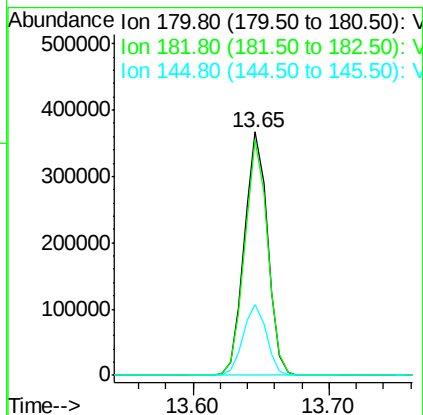
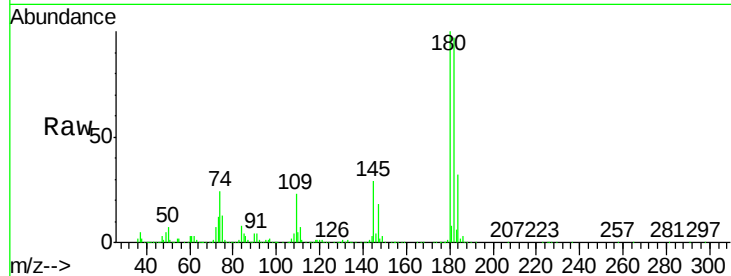




#93
 1,2,4-Trichlorobenzene
 Concen: 48.689 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006979.D
 Acq: 09 Jan 2019 21:26

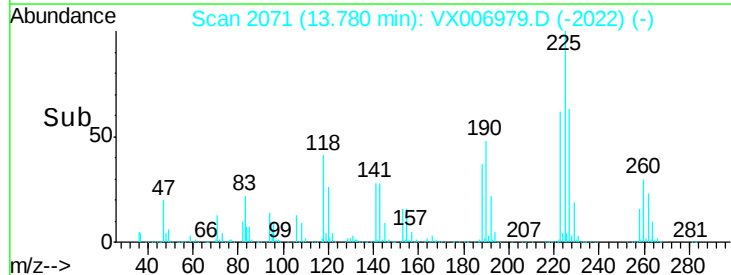
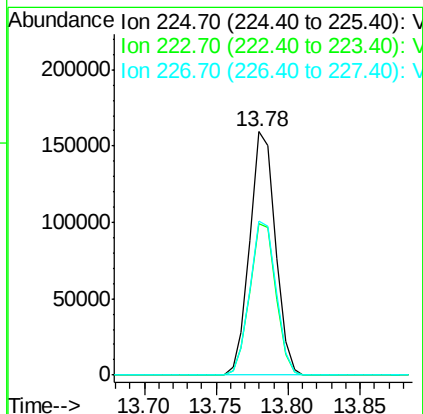
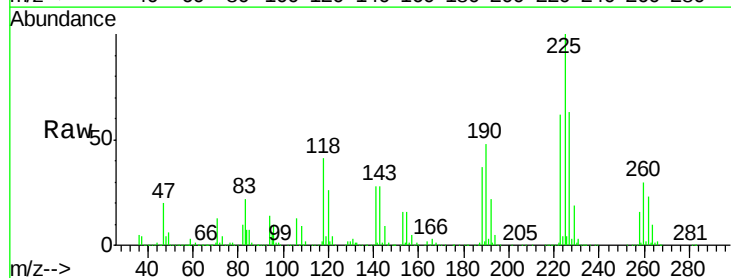
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 440685
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.3 142.0
 145 29.2 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 48.720 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX006979.D
 Acq: 09 Jan 2019 21:26

Tgt Ion:225 Resp: 195685
 Ion Ratio Lower Upper
 225 100
 223 63.0 32.1 96.3
 227 64.5 32.3 96.8

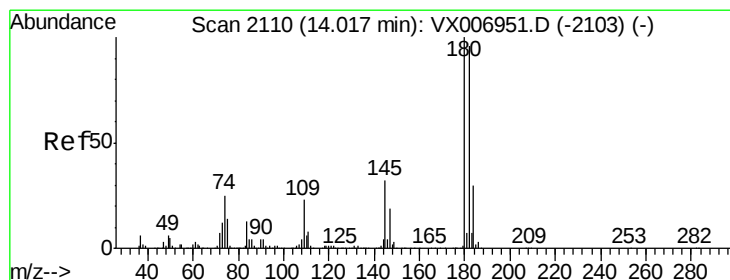
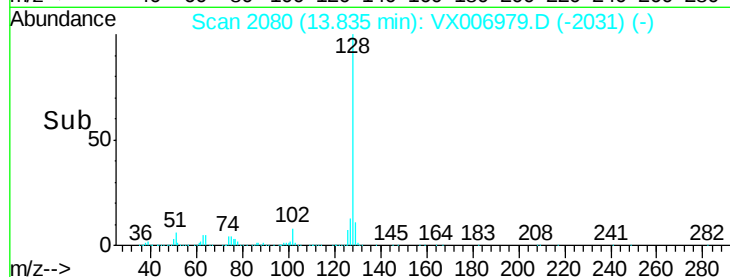
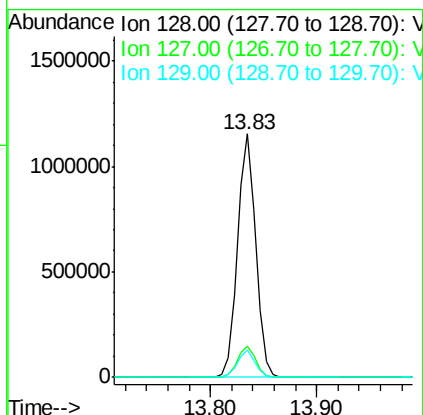
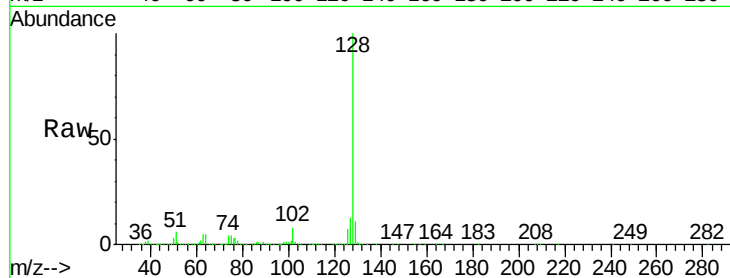




#95
Naphthalene
Concen: 50.248 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 1378136
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 48.524 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Tgt Ion:180 Resp: 436289
Ion Ratio Lower Upper
180 100
182 95.3 48.5 145.5
145 30.5 16.0 47.9

