

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041519\
 Data File : VX008971.D
 Acq On : 15 Apr 2019 19:29
 Operator : JC/SP
 Sample : K2385-10MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 16 03:25:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 02:27:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	205160	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	336115	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	298012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	136535	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	159501	55.17	ug/l	0.00
Spiked Amount			Recovery	=	110.34%	
35) Dibromofluoromethane	5.50	113	118159	54.78	ug/l	0.00
Spiked Amount			Recovery	=	109.56%	
50) Toluene-d8	8.71	98	477212	55.47	ug/l	0.00
Spiked Amount			Recovery	=	110.94%	
62) 4-Bromofluorobenzene	11.13	95	165919	54.64	ug/l	0.00
Spiked Amount			Recovery	=	109.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	134338	56.849	ug/l	100
3) Chloromethane	1.32	50	159374	54.936	ug/l	99
4) Vinyl Chloride	1.41	62	152540	54.023	ug/l	100
5) Bromomethane	1.64	94	92712	52.247	ug/l	99
6) Chloroethane	1.71	64	91106	54.871	ug/l	96
7) Trichlorofluoromethane	1.93	101	176301	53.478	ug/l	98
8) Diethyl Ether	2.19	74	79999	53.061	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	110467	52.408	ug/l	100
10) Methyl Iodide	2.51	142	129586	55.679	ug/l	99
11) Tert butyl alcohol	3.05	59	159541	248.588	ug/l	99
12) 1,1-Dichloroethene	2.37	96	115709	52.593	ug/l	96
13) Acrolein	2.29	56	130710	235.713	ug/l	100
14) Allyl chloride	2.73	41	262823	54.755	ug/l	99
15) Acrylonitrile	3.14	53	431987	265.158	ug/l	100
16) Acetone	2.45	43	358675	239.220	ug/l	99
17) Carbon Disulfide	2.57	76	341513	52.753	ug/l	99
18) Methyl Acetate	2.78	43	180530	48.244	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	427925	54.588	ug/l	99
20) Methylene Chloride	2.85	84	131889	51.437	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	122593	52.241	ug/l	98
22) Diisopropyl ether	3.85	45	510658	54.749	ug/l	98
23) Vinyl Acetate	3.81	43	2175354	265.322	ug/l	99
24) 1,1-Dichloroethane	3.70	63	252757	53.984	ug/l	99
25) 2-Butanone	4.67	43	627414	261.791	ug/l	99
26) 2,2-Dichloropropane	4.58	77	175713	50.066	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	150303	56.413	ug/l	99
28) Bromochloromethane	5.01	49	117880	61.041	ug/l	100
29) Tetrahydrofuran	5.13	42	421575	262.811	ug/l	100
30) Chloroform	5.21	83	227756	54.360	ug/l	99
31) Cyclohexane	5.58	56	249287	54.133	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	189266	54.504	ug/l	100
36) 1,1-Dichloropropene	5.80	75	178571	51.370	ug/l	99
37) Ethyl Acetate	4.84	43	233186	52.132	ug/l	99
38) Carbon Tetrachloride	5.79	117	158987	53.949	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	222111	52.479	ug/l	97
40) Benzene	6.14	78	548099	53.448	ug/l	100
41) Methacrylonitrile	5.04	41	137386	53.516	ug/l	99
42) 1,2-Dichloroethane	6.19	62	192319	52.941	ug/l	100
43) Isopropyl Acetate	6.45	43	380770	52.824	ug/l	100
44) Trichloroethene	7.21	130	133058	52.955	ug/l	99
45) 1,2-Dichloropropane	7.51	63	154151	54.184	ug/l	99
46) Dibromomethane	7.66	93	87458	52.822	ug/l	99
47) Bromodichloromethane	7.90	83	177158	54.553	ug/l	97
48) Methyl methacrylate	7.77	41	196755	55.242	ug/l	99
49) 1,4-Dioxane	7.74	88	61829	927.476	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1223913	266.519	ug/l	99
52) Toluene	8.79	92	327052	53.214	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	206912	55.363	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	226430	54.108	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	131301	53.904	ug/l	97
56) Ethyl methacrylate	9.18	69	239128	54.750	ug/l	99
57) 1,3-Dichloropropane	9.37	76	232712	53.658	ug/l	99
59) 2-Hexanone	9.49	43	914557	258.312	ug/l	100
60) Dibromochloromethane	9.58	129	130089	55.724	ug/l	100
61) 1,2-Dibromoethane	9.67	107	134576	53.531	ug/l	99
64) Tetrachloroethene	9.34	164	145468	64.254	ug/l	99
65) Chlorobenzene	10.13	112	330003	52.463	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	121785	54.958	ug/l	99
67) Ethyl Benzene	10.25	91	617690	53.718	ug/l	99
68) m/p-Xylenes	10.36	106	444573	106.384	ug/l	100
69) o-Xylene	10.69	106	215491	52.996	ug/l	99
70) Styrene	10.71	104	367109	52.099	ug/l	99
71) Bromoform	10.85	173	95663	54.187	ug/l #	98
73) Isopropylbenzene	11.02	105	574047	55.468	ug/l	100
74) N-amyl acetate	10.90	43	310717	52.289	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	203055	53.699	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	244632	73.377	ug/l	79
77) Bromobenzene	11.26	156	138915	53.200	ug/l	100
78) n-propylbenzene	11.36	91	659048	55.482	ug/l	99
79) 2-Chlorotoluene	11.42	91	389075	54.355	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	480849	55.368	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	71388	54.972	ug/l	97
82) 4-Chlorotoluene	11.51	91	448471	53.947	ug/l	100
83) tert-Butylbenzene	11.77	119	456425	54.740	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	487723	55.171	ug/l	99
85) sec-Butylbenzene	11.94	105	546784	54.984	ug/l	99
86) p-Isopropyltoluene	12.06	119	495345	54.179	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	242007	52.954	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	241556	52.140	ug/l	99
89) n-Butylbenzene	12.38	91	459320	53.944	ug/l	100
90) Hexachloroethane	12.60	117	84894	56.291	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	238705	52.894	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	44910	52.163	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	167186	51.320	ug/l	100

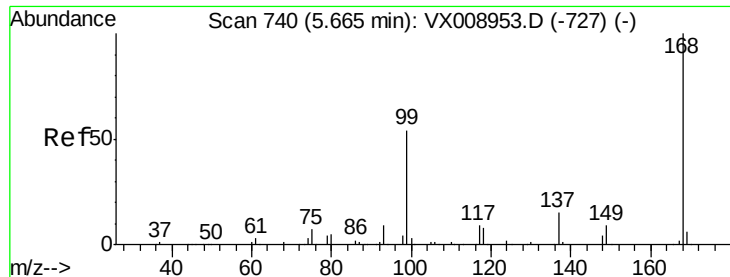
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX041519\
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Quant Title : SW846 8260
QLast Update : Tue Apr 16 02:27:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	82011	50.475	ug/l	99
95) Naphthalene	13.83	128	547746	52.481	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	165761	51.570	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX008971.D

Acq: 15 Apr 2019 19:29

Instrument :

MSVOA_X

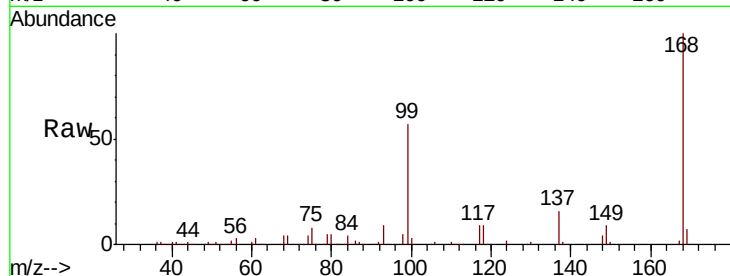
ClientSampleId :

Tot Ion:168 Resp: 205160

Ion Ratio Lower Upper

168 100

99 56.4 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

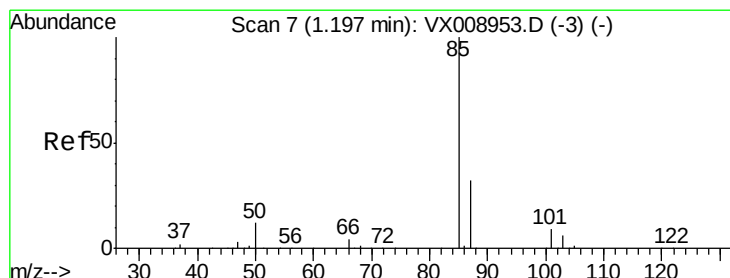
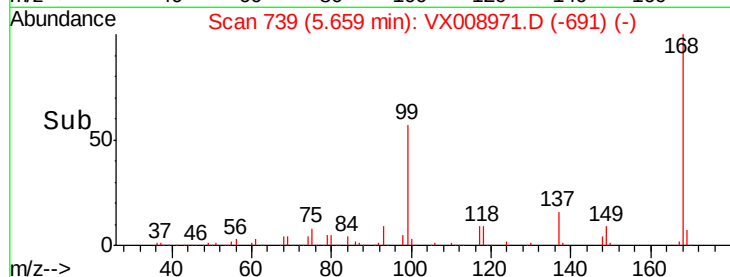
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 56.849 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008971.D

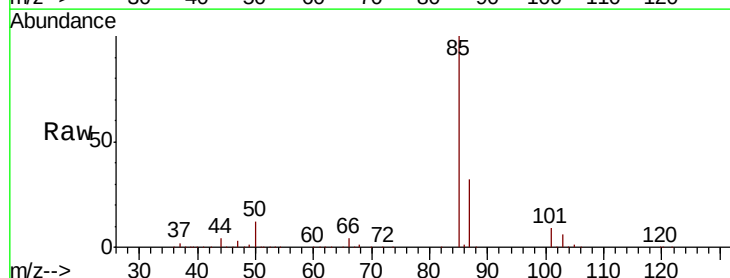
Acq: 15 Apr 2019 19:29

Tgt Ion: 85 Resp: 134338

Ion Ratio Lower Upper

85 100

87 32.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

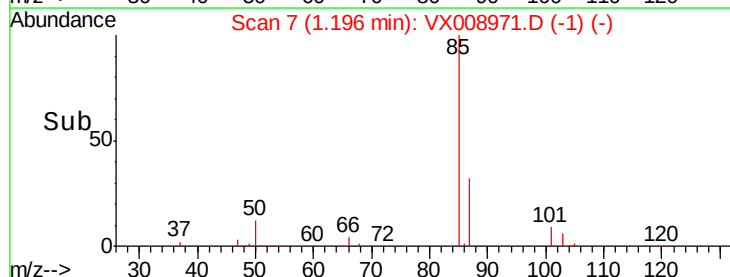
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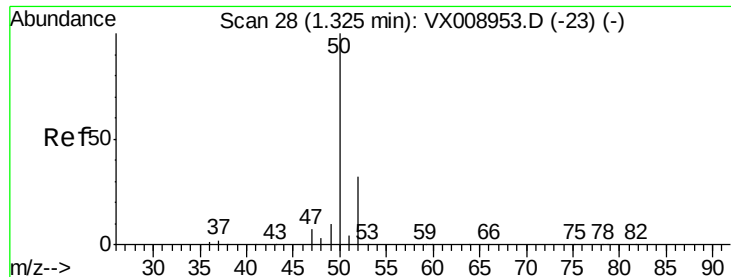
50000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 54.936 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX008971.D

Acq: 15 Apr 2019 19:29

Instrument :

MSVOA_X

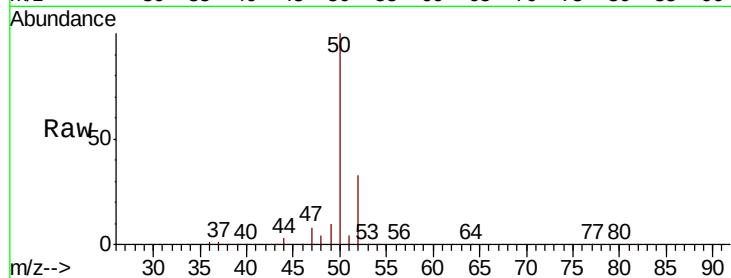
ClientSampleId :

Tot Ion: 50 Resp: 159374

Ion Ratio Lower Upper

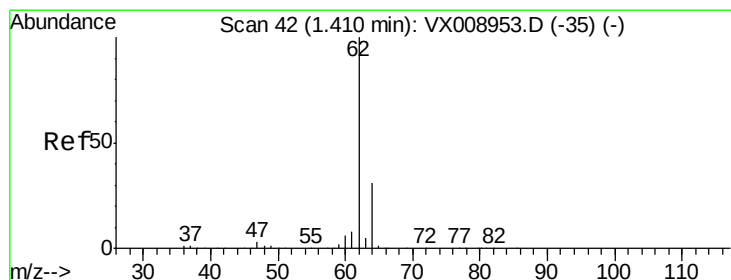
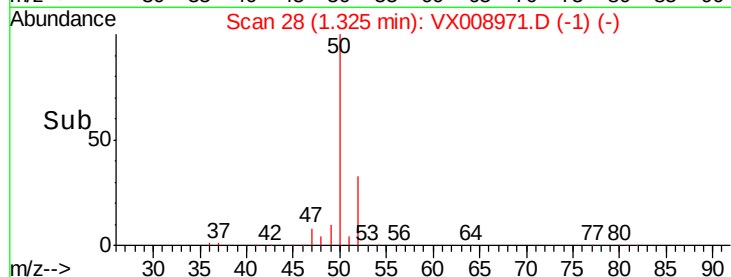
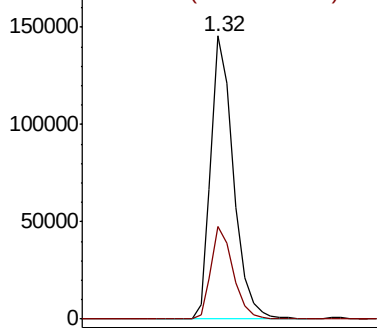
50 100

52 32.6 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 54.023 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008971.D

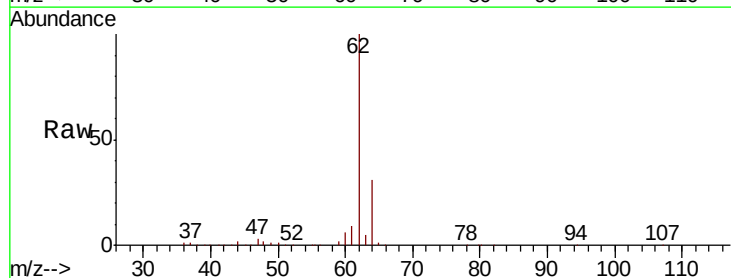
Acq: 15 Apr 2019 19:29

Tgt Ion: 62 Resp: 152540

Ion Ratio Lower Upper

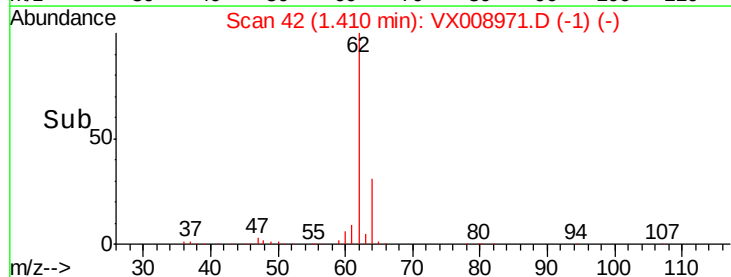
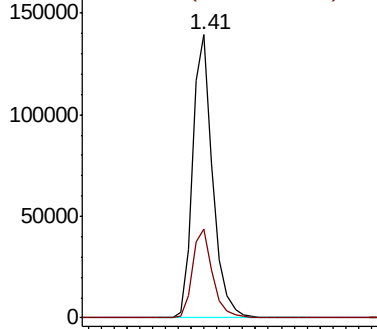
62 100

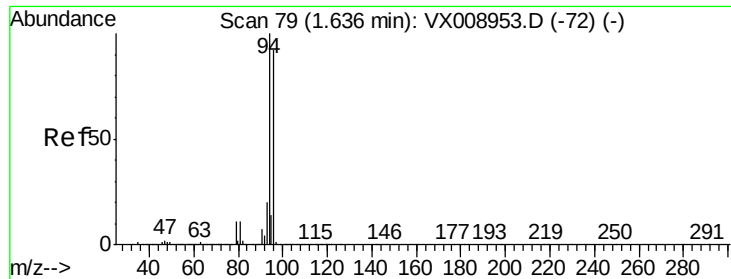
64 31.4 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 52.247 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008971.D

Acq: 15 Apr 2019 19:29

Instrument :

MSVOA_X

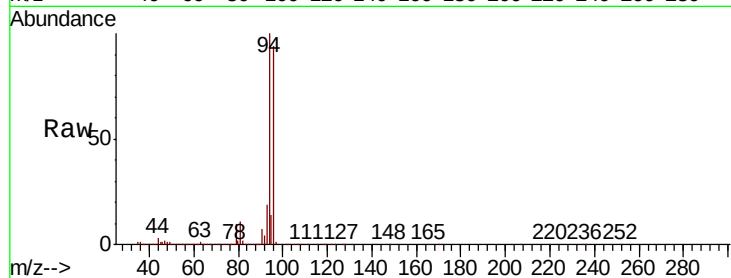
ClientSampleId :

Tot Ion: 94 Resp: 92712

Ion Ratio Lower Upper

94 100

96 93.7 73.9 110.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

100000

80000

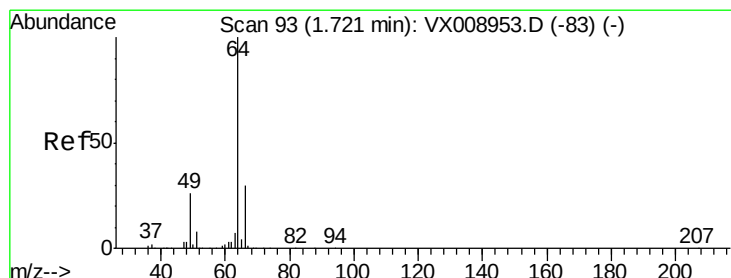
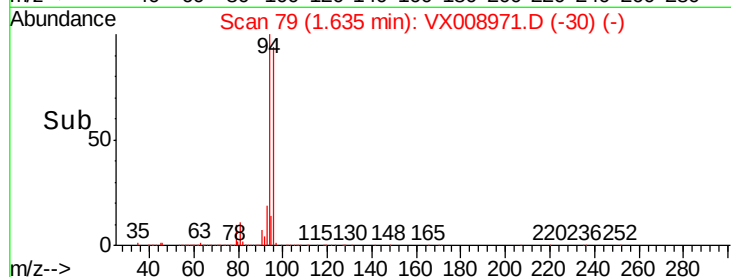
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 54.871 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX008971.D

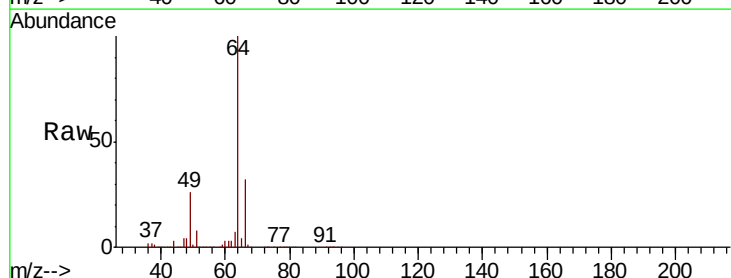
Acq: 15 Apr 2019 19:29

Tgt Ion: 64 Resp: 91106

Ion Ratio Lower Upper

64 100

66 32.4 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

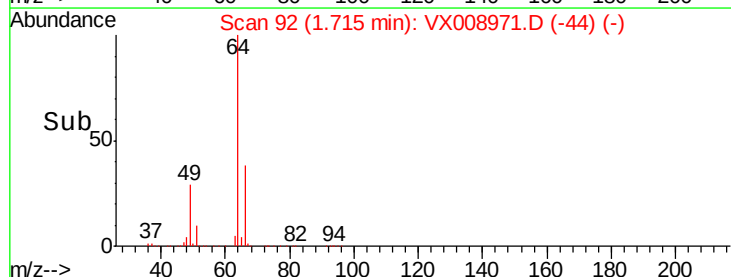
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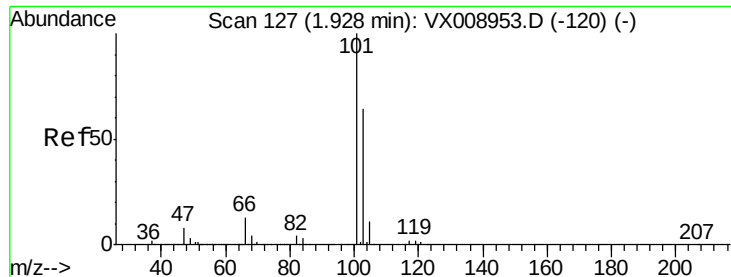
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20000

0

Time-->



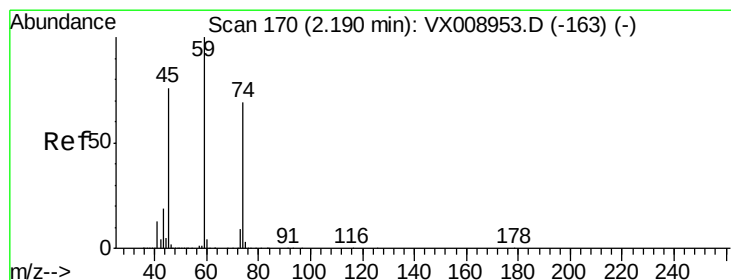
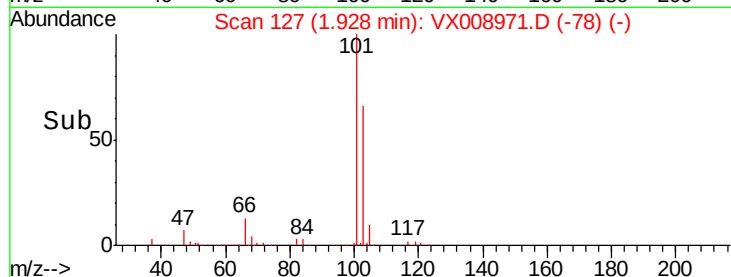
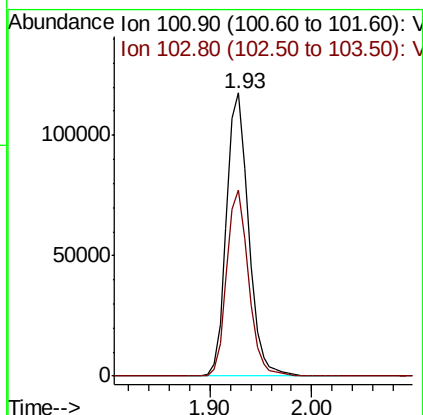
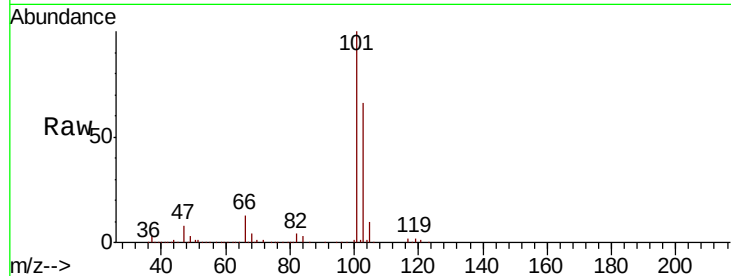


#7

Trichlorofluoromethane
 Concen: 53.478 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX008971.D
 Acq: 15 Apr 2019 19:29

Instrument :
 MSVOA_X
 ClientSampleId :

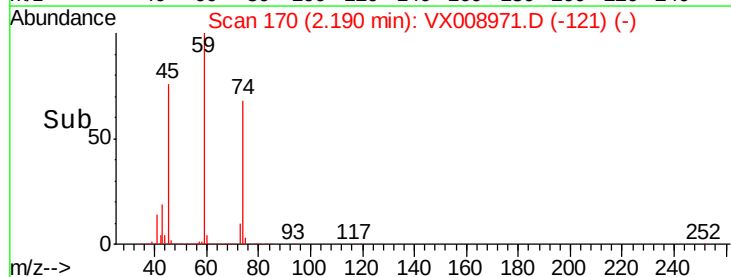
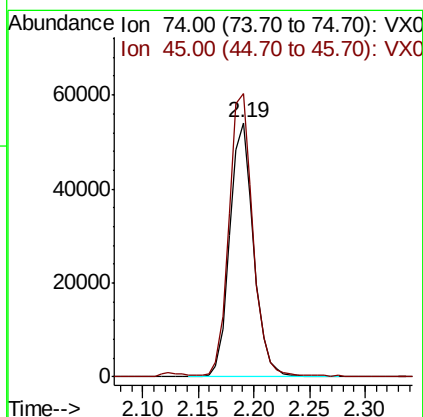
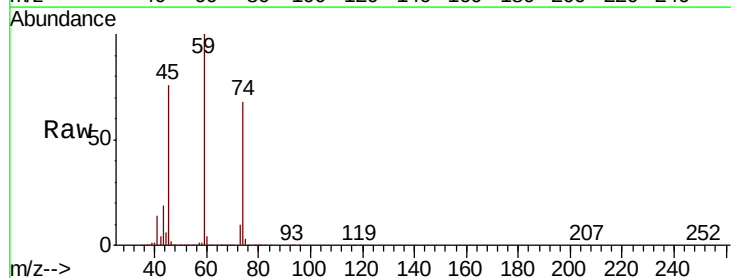
Tot Ion:101 Resp: 176301
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.0 76.6

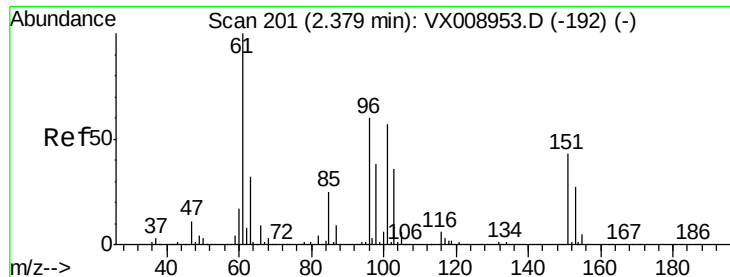


#8

Diethyl Ether
 Concen: 53.061 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008971.D
 Acq: 15 Apr 2019 19:29

Tgt Ion: 74 Resp: 79999
 Ion Ratio Lower Upper
 74 100
 45 110.4 54.9 164.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.408 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008971.D

Acq: 15 Apr 2019 19:29

Instrument :

MSVOA_X

ClientSampleId :

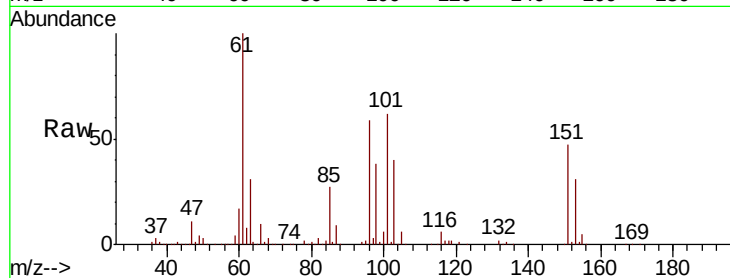
Tot Ion:101 Resp: 110467

Ion Ratio Lower Upper

101 100

85 45.0 35.7 53.5

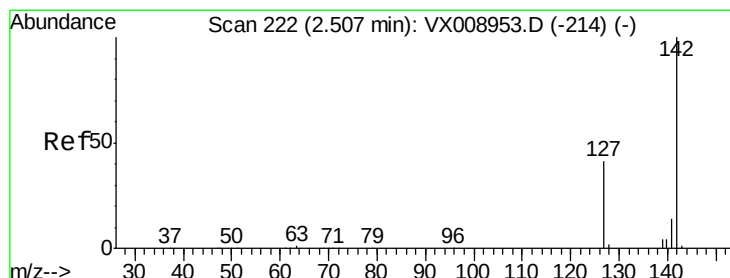
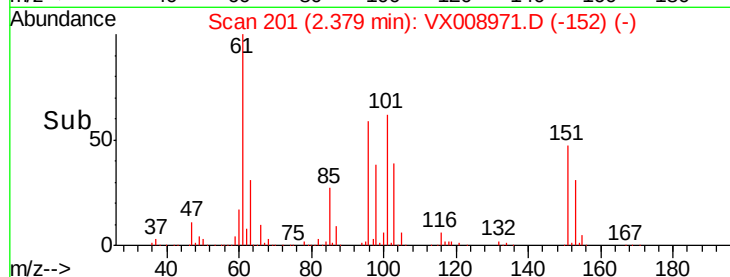
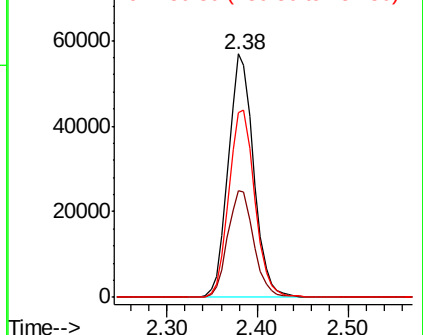
151 78.7 62.7 94.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 55.679 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008971.D

Acq: 15 Apr 2019 19:29

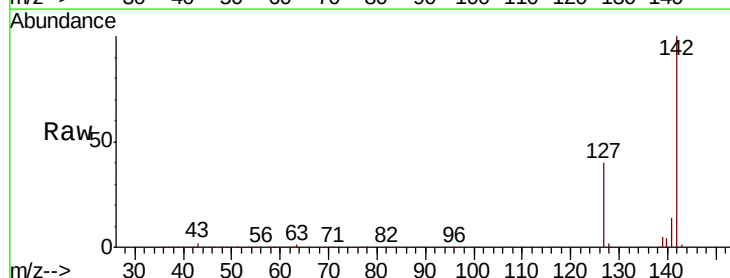
Tgt Ion:142 Resp: 129586

Ion Ratio Lower Upper

142 100

127 40.2 32.8 49.2

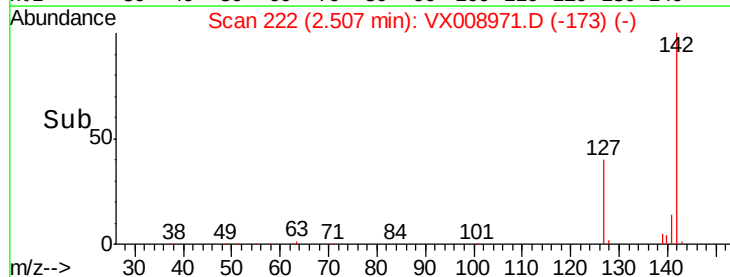
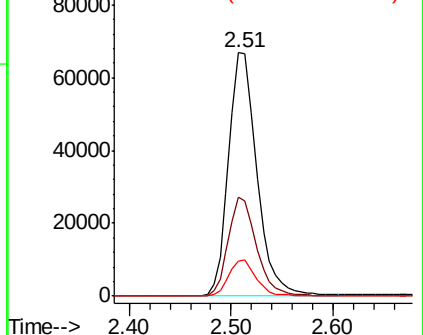
141 14.3 11.4 17.2

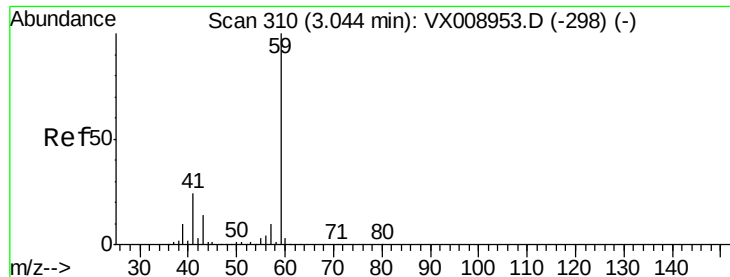


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



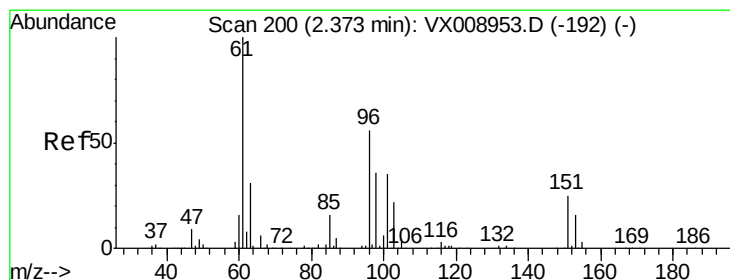
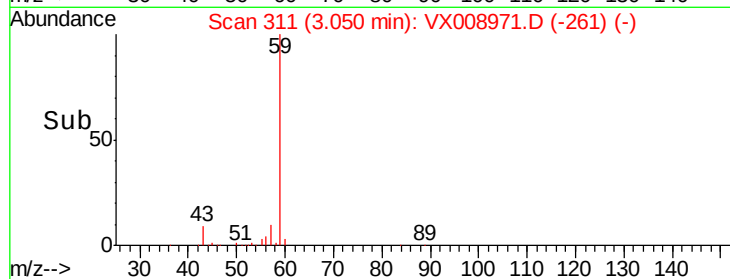
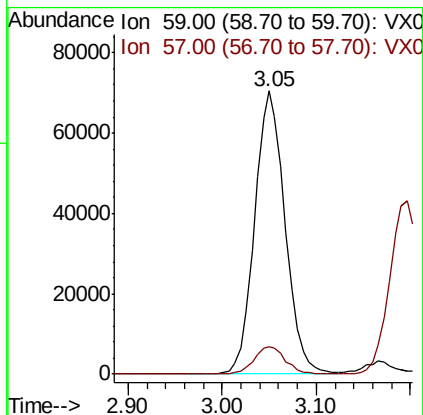
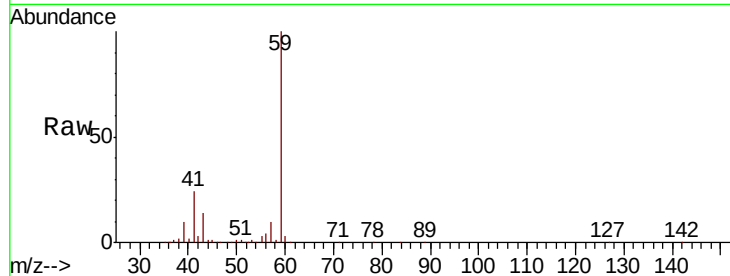


#11

Tert butyl alcohol
Concen: 248.588 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.01 min
Lab File: VX008971.D
Acq: 15 Apr 2019 19:29

Instrument :
MSVOA_X
ClientSampleId :

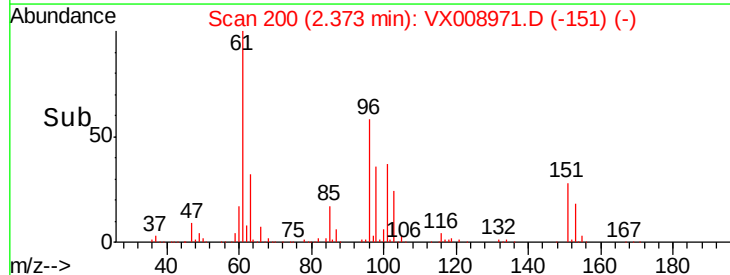
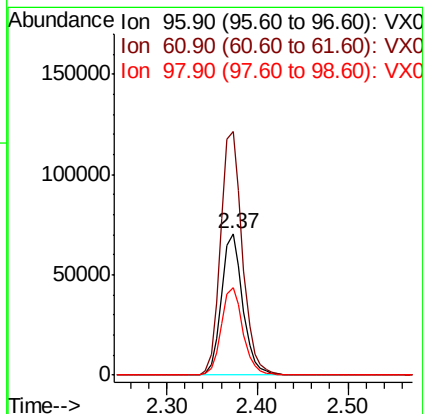
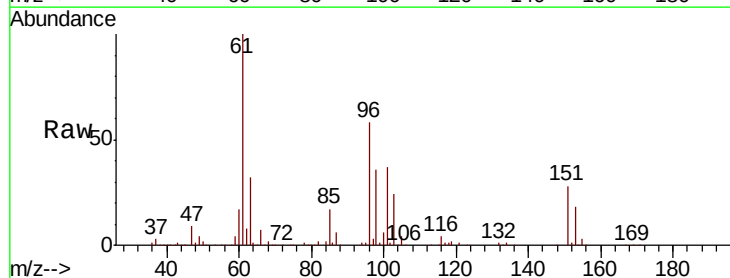
Tot Ion: 59 Resp: 159541
Ion Ratio Lower Upper
59 100
57 10.1 8.4 12.6

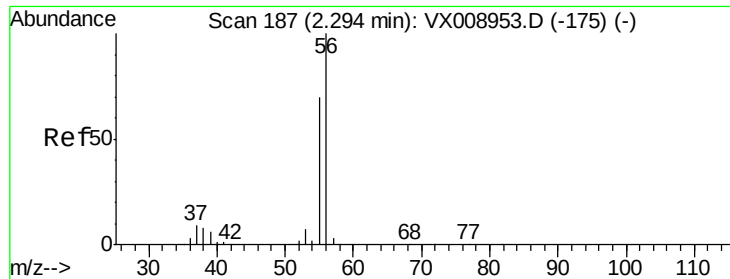


#12

1,1-Dichloroethene
Concen: 52.593 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX008971.D
Acq: 15 Apr 2019 19:29

Tgt Ion: 96 Resp: 115709
Ion Ratio Lower Upper
96 100
61 171.9 142.2 213.2
98 61.6 50.9 76.3

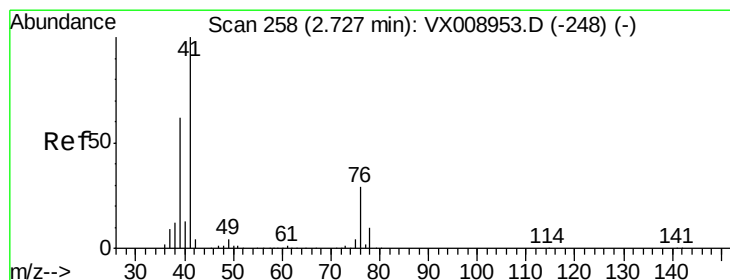
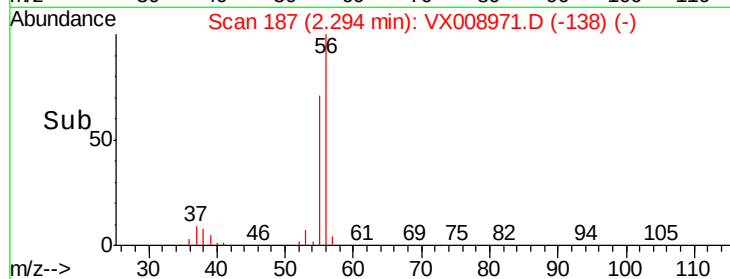
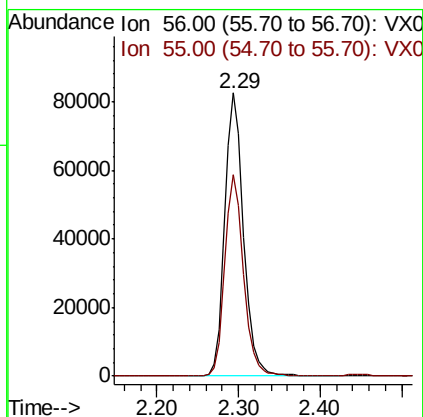
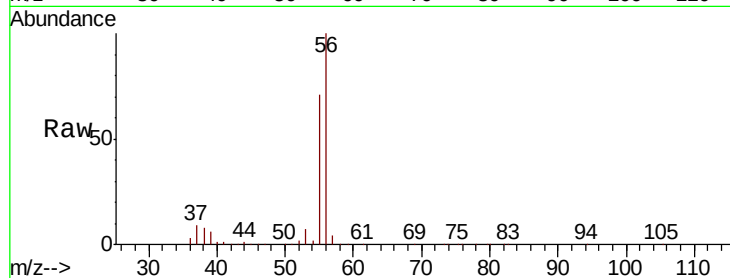




#13
Acrolein
Concen: 235.713 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX008971.D
Acq: 15 Apr 2019 19:29

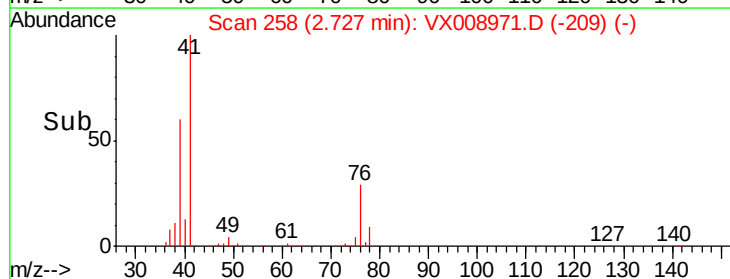
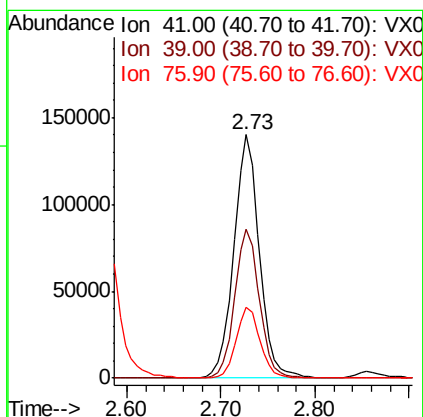
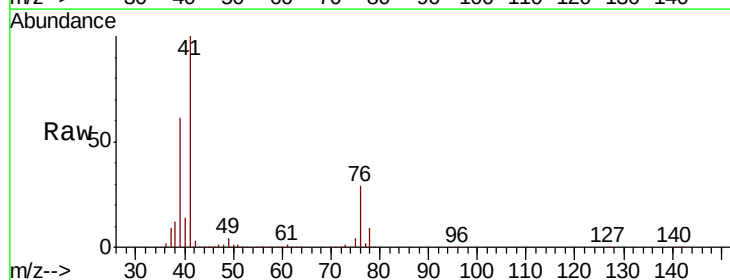
Instrument :
MSVOA_X
ClientSampleId :

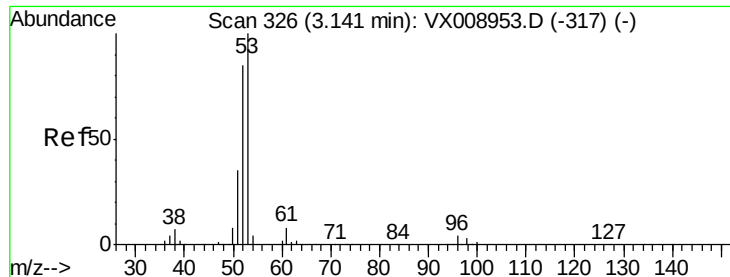
Tot Ion: 56 Resp: 130710
Ion Ratio Lower Upper
56 100
55 70.6 56.6 84.8



#14
Allyl chloride
Concen: 54.755 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX008971.D
Acq: 15 Apr 2019 19:29

Tgt Ion: 41 Resp: 262823
Ion Ratio Lower Upper
41 100
39 59.3 46.7 70.1
76 27.6 22.0 33.0





#15

Acrylonitrile

Concen: 265.158 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX008971.D

Acq: 15 Apr 2019 19:29

Instrument :

MSVOA_X

ClientSampled :

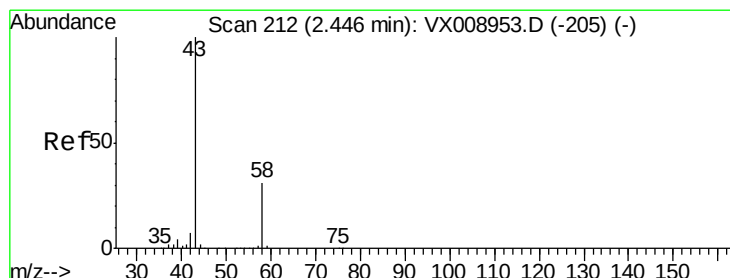
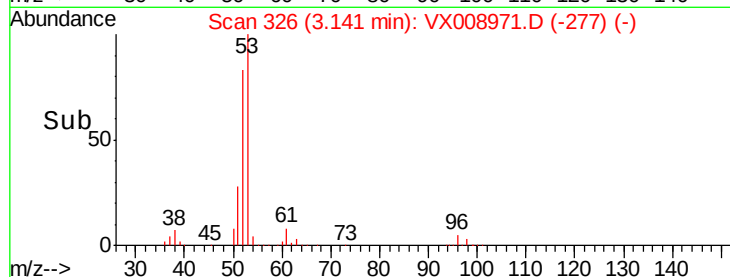
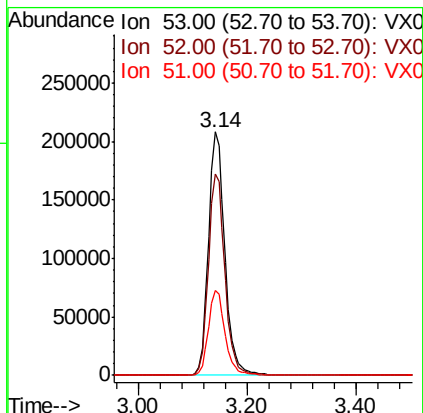
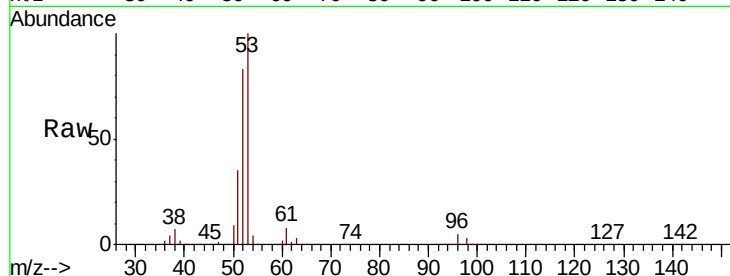
Tot Ion: 53 Resp: 431987

Ion Ratio Lower Upper

53 100

52 83.0 66.6 100.0

51 35.5 28.3 42.5



#16

Acetone

Concen: 239.220 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008971.D

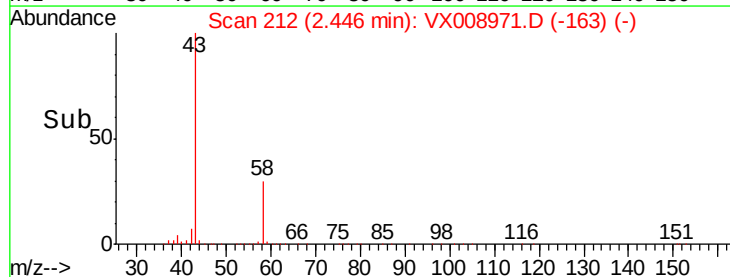
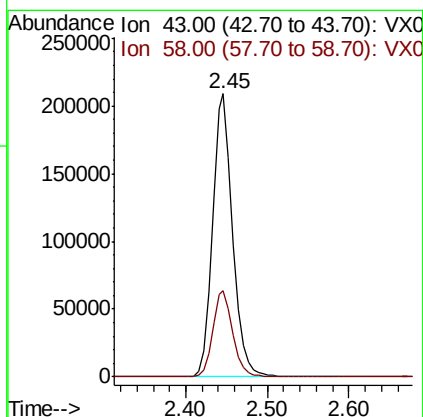
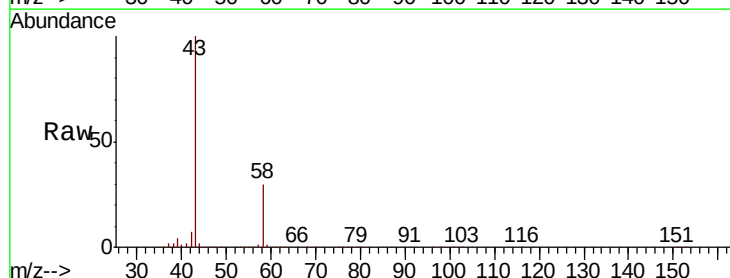
Acq: 15 Apr 2019 19:29

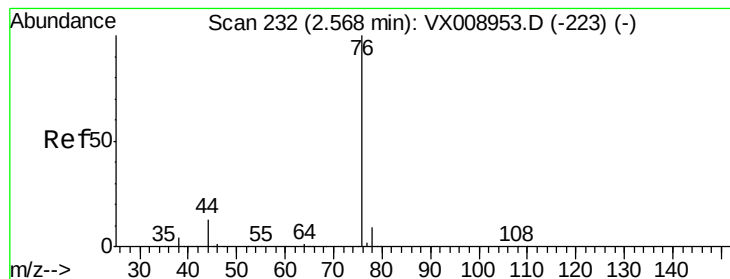
Tgt Ion: 43 Resp: 358675

Ion Ratio Lower Upper

43 100

58 30.5 24.8 37.2





#17

Carbon Disulfide

Concen: 52.753 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008971.D

Acq: 15 Apr 2019 19:29

Instrument :

MSVOA_X

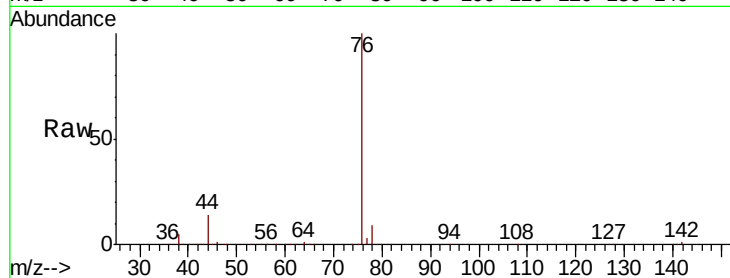
ClientSampled :

Tot Ion: 76 Resp: 341513

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

200000

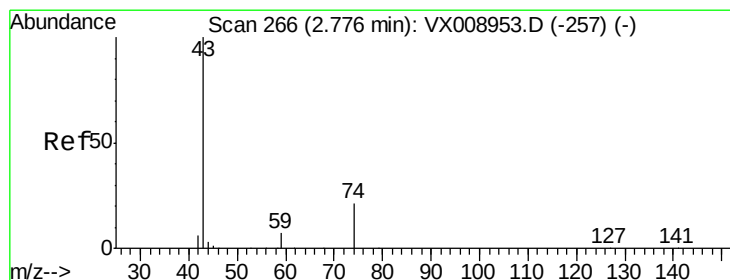
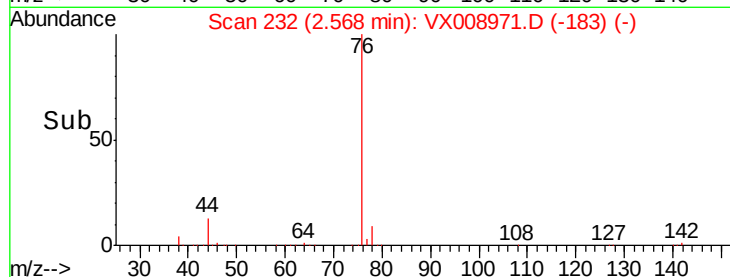
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 48.244 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX008971.D

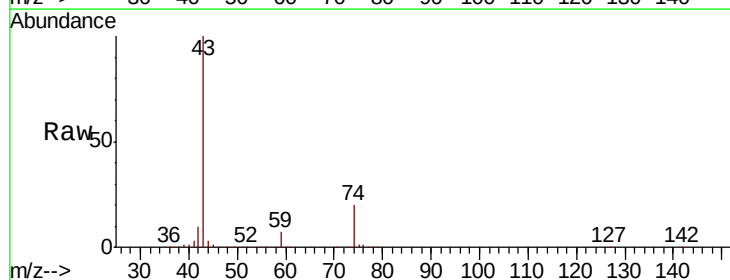
Acq: 15 Apr 2019 19:29

Tgt Ion: 43 Resp: 180530

Ion Ratio Lower Upper

43 100

74 20.4 16.6 25.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

120000

100000

80000

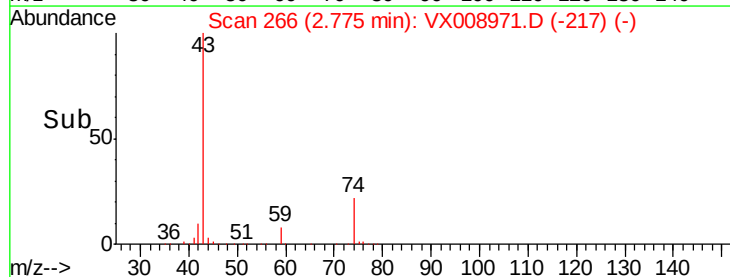
60000

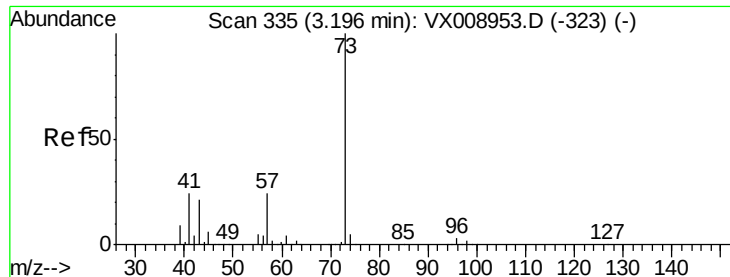
40000

20000

0

Time-->



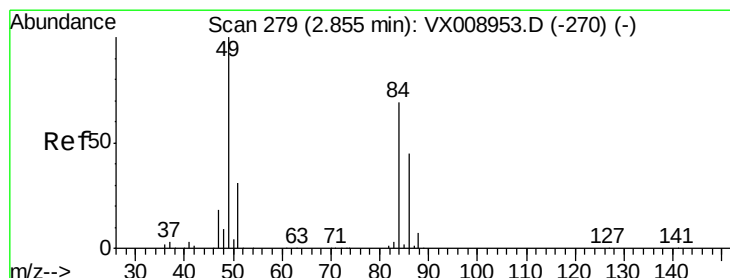
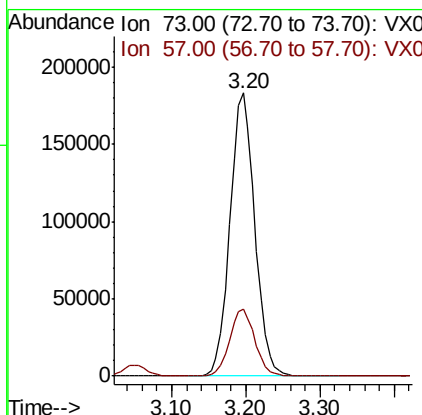
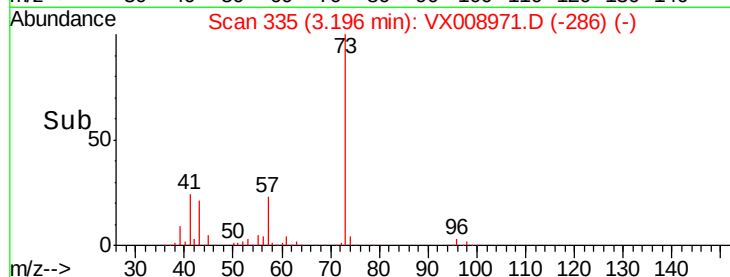
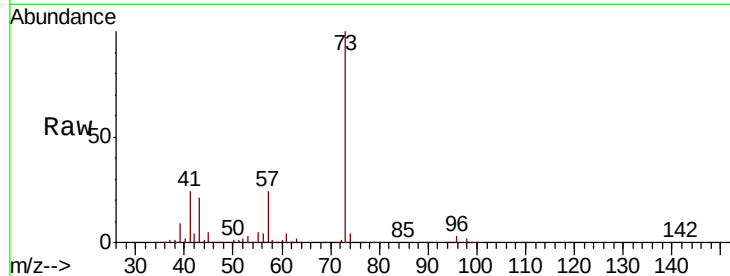


#19

Methyl tert-butyl Ether
 Concen: 54.588 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX008971.D
 Acq: 15 Apr 2019 19:29

Instrument :
 MSVOA_X
 ClientSampleId :

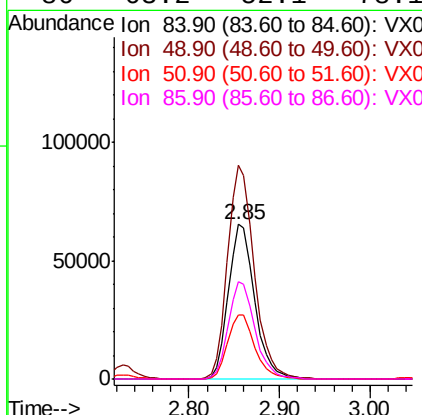
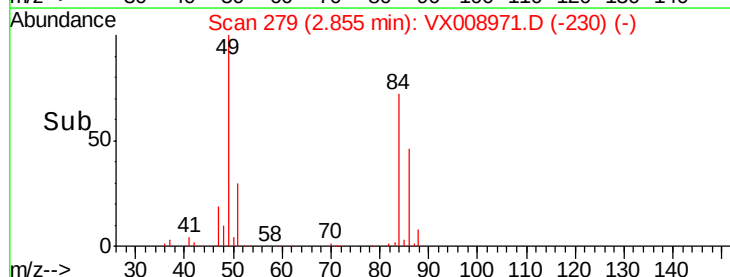
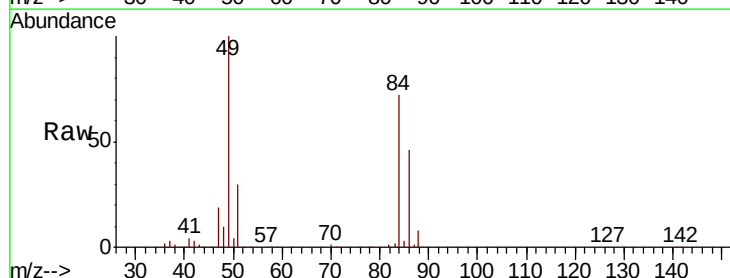
Tot Ion: 73 Resp: 427925
 Ion Ratio Lower Upper
 73 100
 57 23.5 19.2 28.8

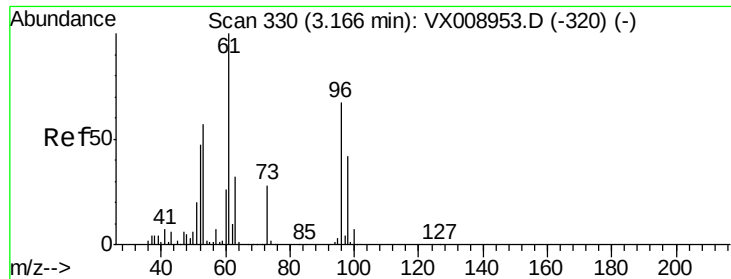


#20

Methylene Chloride
 Concen: 51.437 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX008971.D
 Acq: 15 Apr 2019 19:29

Tgt Ion: 84 Resp: 131889
 Ion Ratio Lower Upper
 84 100
 49 138.2 115.4 173.0
 51 41.8 35.8 53.6
 86 63.2 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 52.241 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008971.D

Acq: 15 Apr 2019 19:29

Instrument :
MSVOA_X
ClientSampleId :

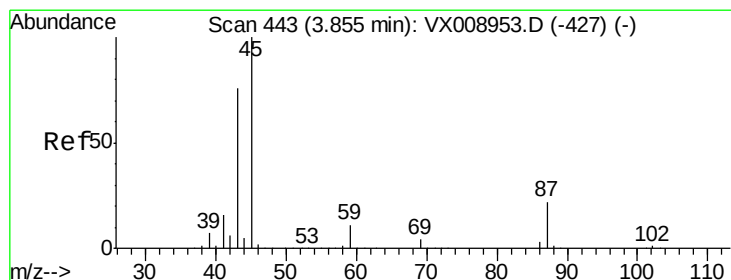
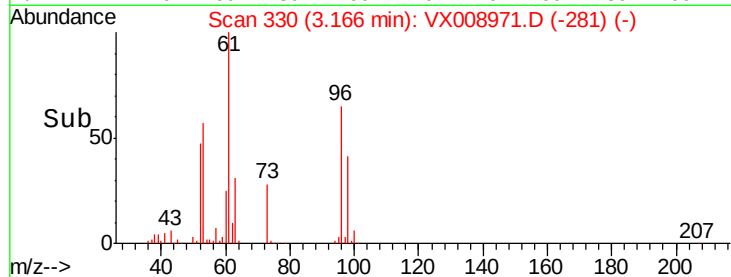
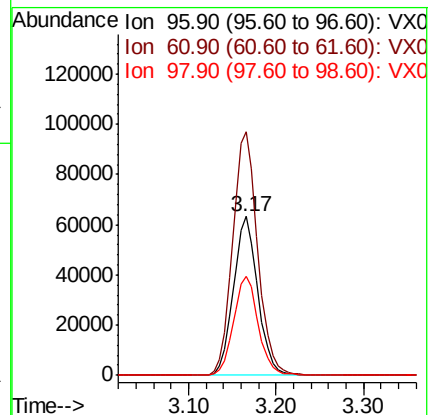
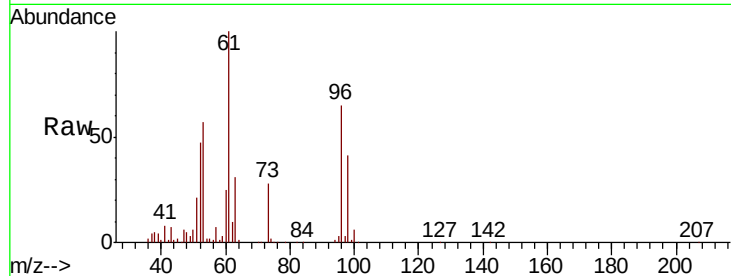
Tot Ion: 96 Resp: 122593

Ion Ratio Lower Upper

96 100

61 153.2 120.3 180.5

98 62.3 50.2 75.2



#22

Diisopropyl ether

Concen: 54.749 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX008971.D

Acq: 15 Apr 2019 19:29

Tgt Ion: 45 Resp: 510658

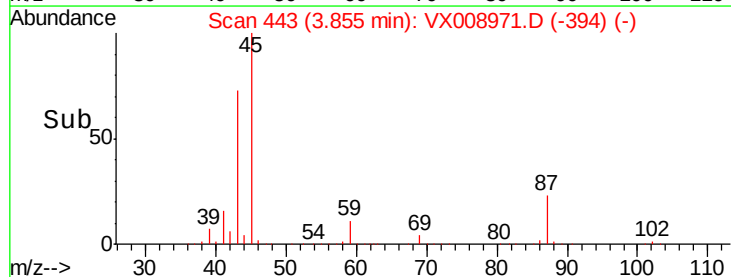
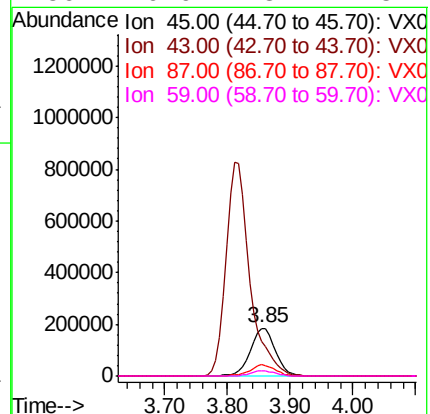
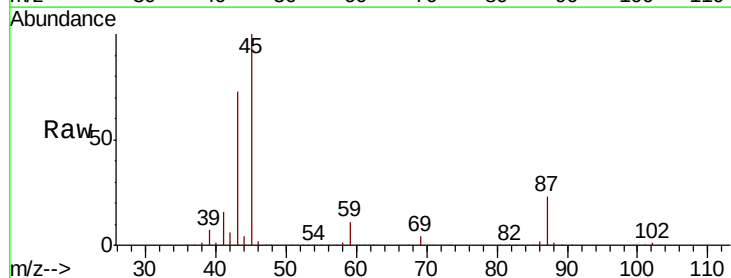
Ion Ratio Lower Upper

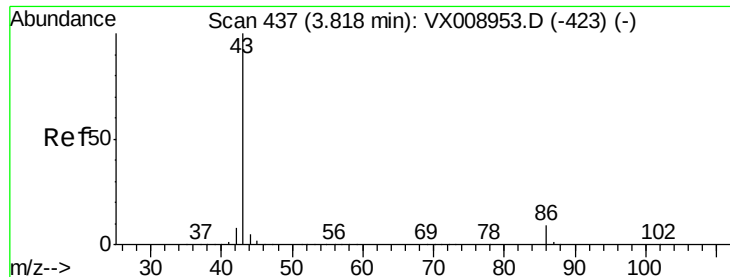
45 100

43 73.2 60.6 91.0

87 22.9 17.8 26.8

59 10.9 8.7 13.1





#23

Vinyl Acetate

Concen: 265.322 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008971.D

Acq: 15 Apr 2019 19:29

Instrument :

MSVOA_X

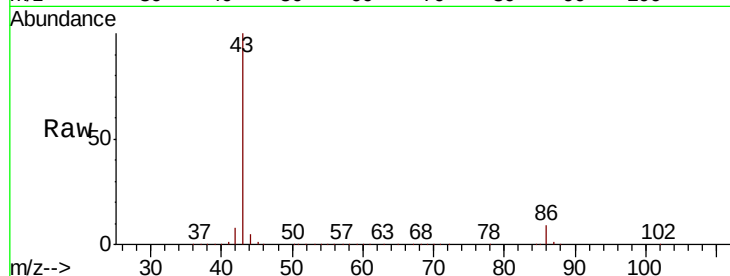
ClientSampleId :

Tot Ion: 43 Resp: 2175354

Ion Ratio Lower Upper

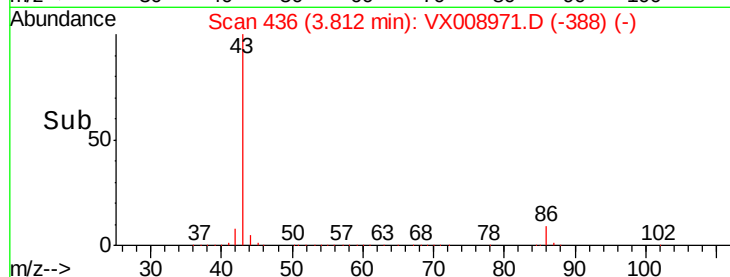
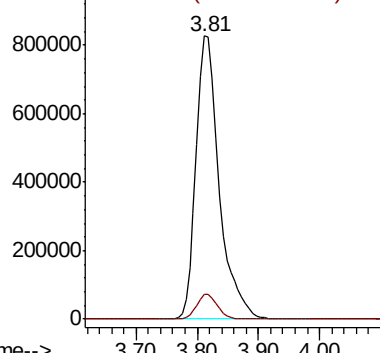
43 100

86 8.6 7.1 10.7

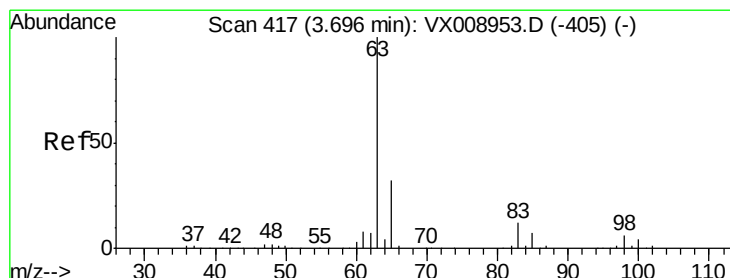


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 53.984 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008971.D

Acq: 15 Apr 2019 19:29

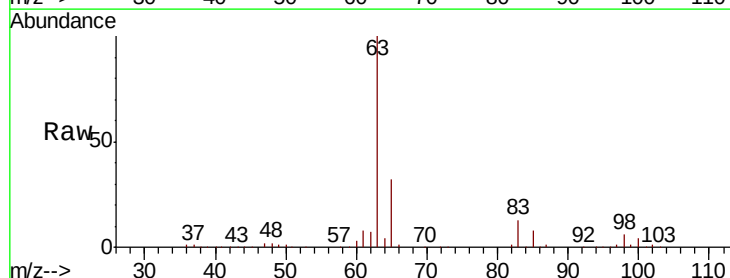
Tgt Ion: 63 Resp: 252757

Ion Ratio Lower Upper

63 100

98 5.5 3.1 9.3

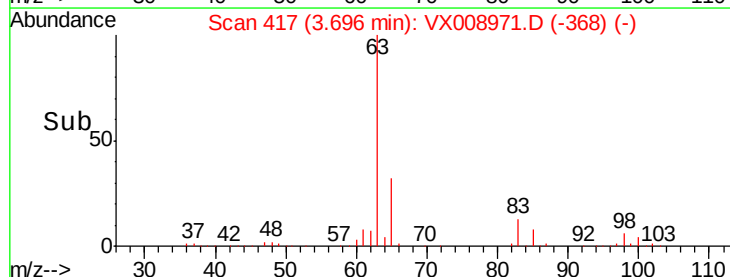
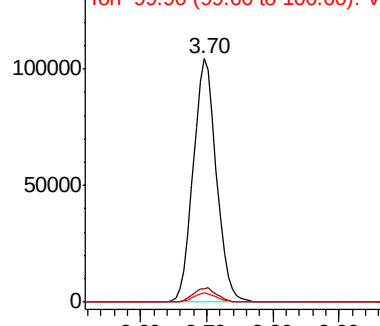
100 3.6 1.9 5.7



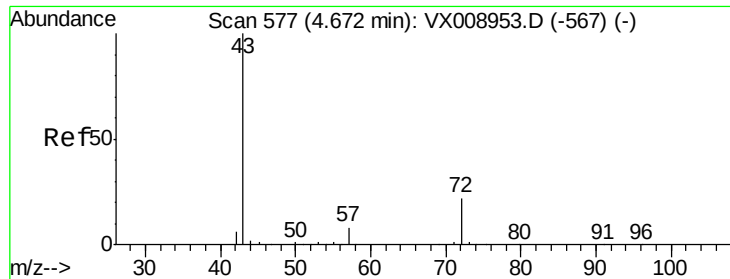
Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->



#25

2-Butanone

Concen: 261.791 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX008971.D

Acq: 15 Apr 2019 19:29

Instrument :

MSVOA_X

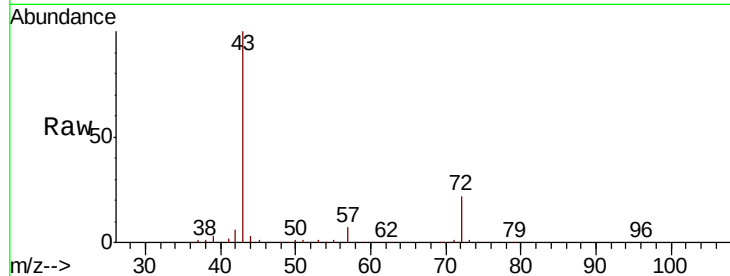
ClientSampled :

Tot Ion: 43 Resp: 627414

Ion Ratio Lower Upper

43 100

72 22.2 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

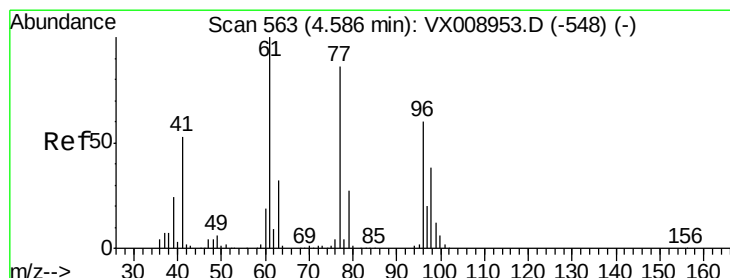
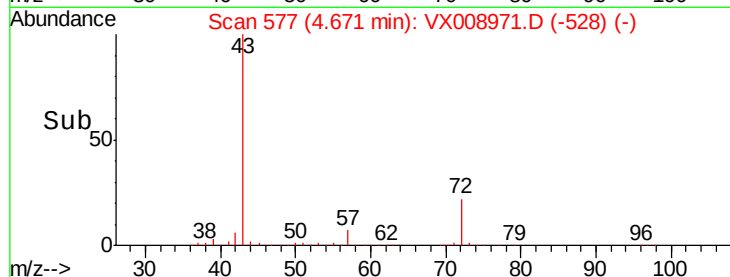
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 50.066 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008971.D

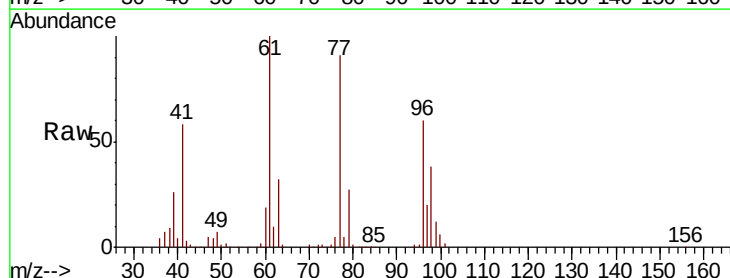
Acq: 15 Apr 2019 19:29

Tgt Ion: 77 Resp: 175713

Ion Ratio Lower Upper

77 100

97 22.9 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

50000

40000

30000

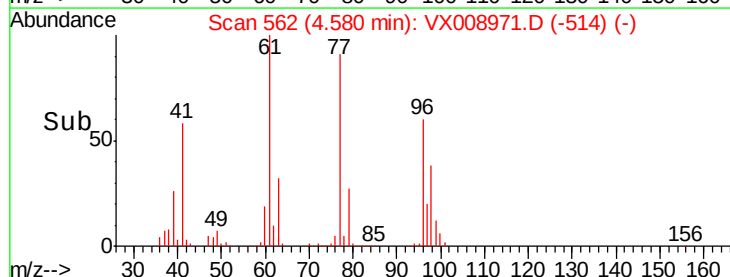
20000

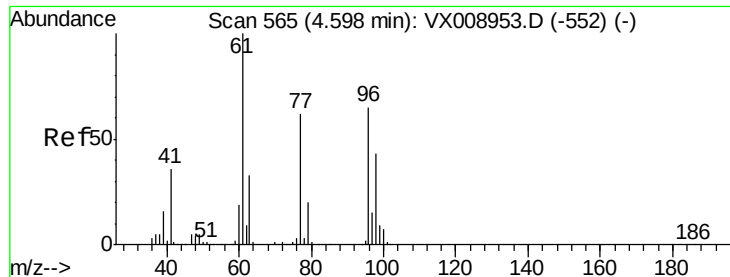
10000

0

4.40 4.50 4.60 4.70

Time-->



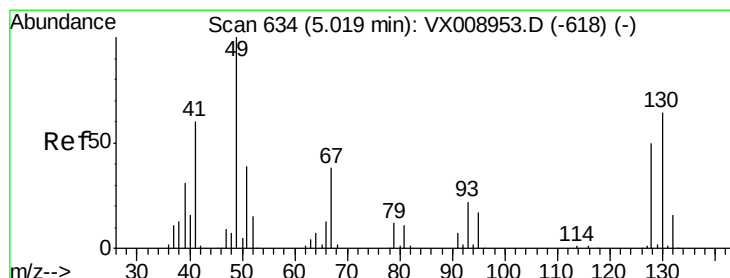
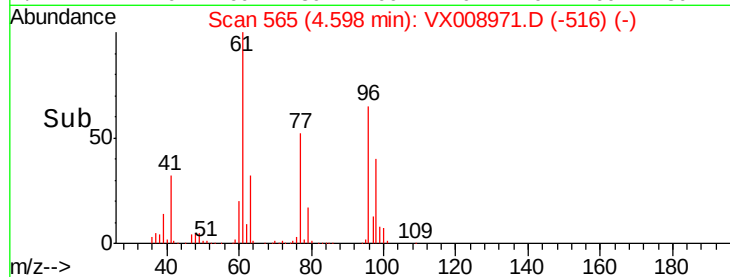
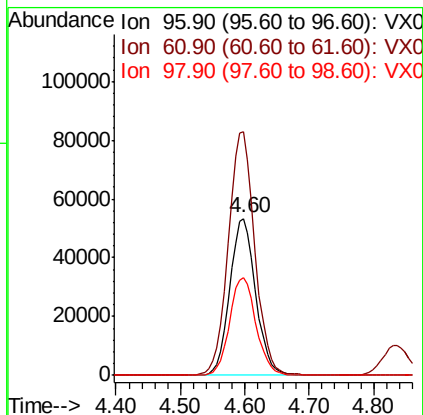
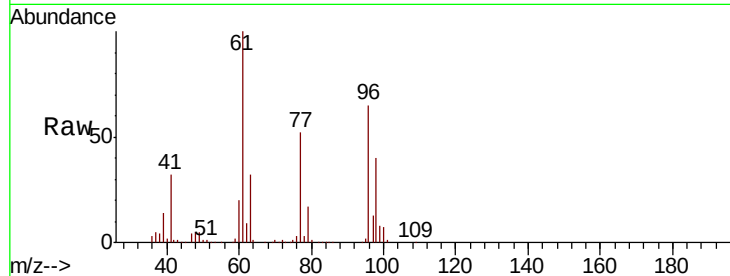


#27

cis-1,2-Dichloroethene
Concen: 56.413 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008971.D
Acq: 15 Apr 2019 19:29

Instrument :
MSVOA_X
ClientSampled :

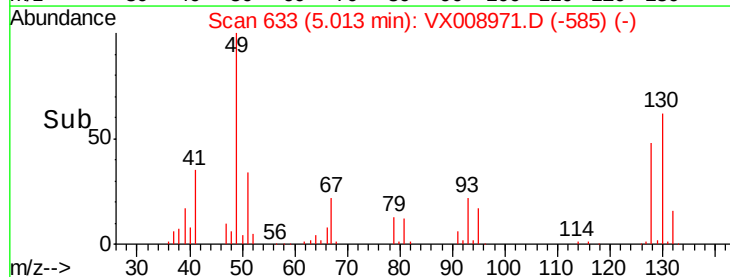
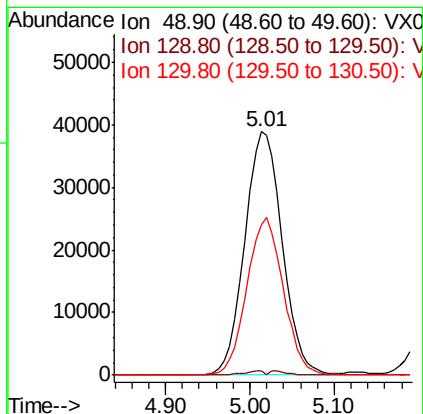
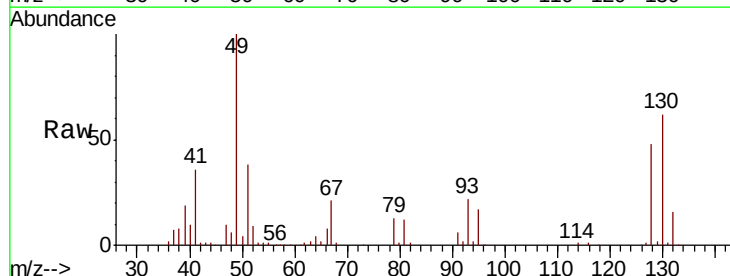
Tot Ion	Ratio	Lower	Upper
96	100		
61	159.4	0.0	322.0
98	63.6	0.0	128.4

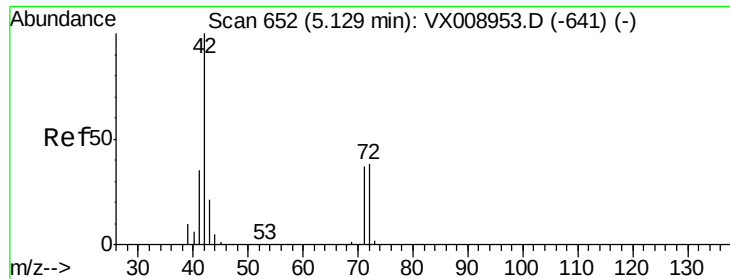


#28

Bromochloromethane
Concen: 61.041 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008971.D
Acq: 15 Apr 2019 19:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	3.6
130	62.8	50.4	75.6

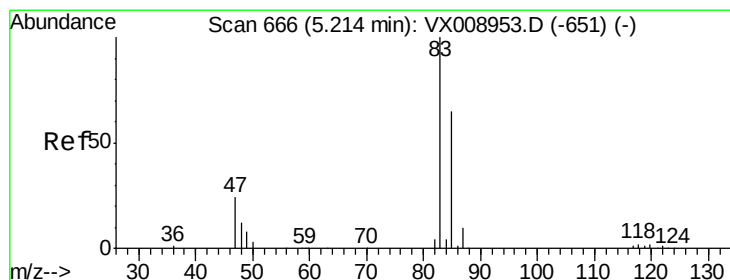
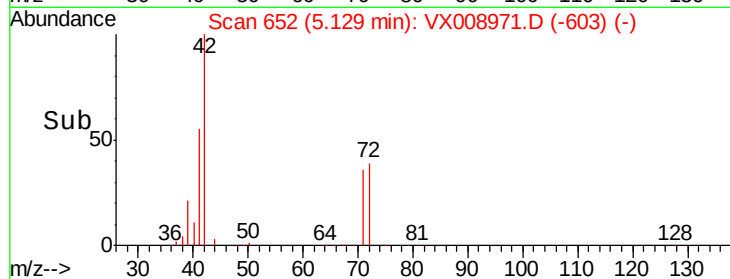
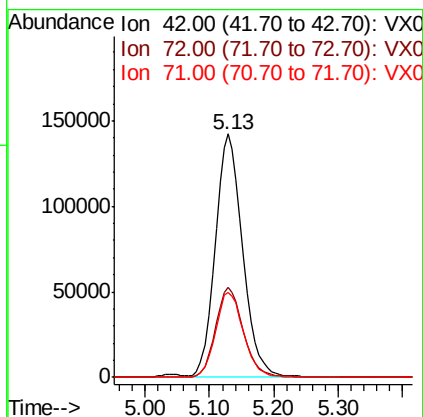
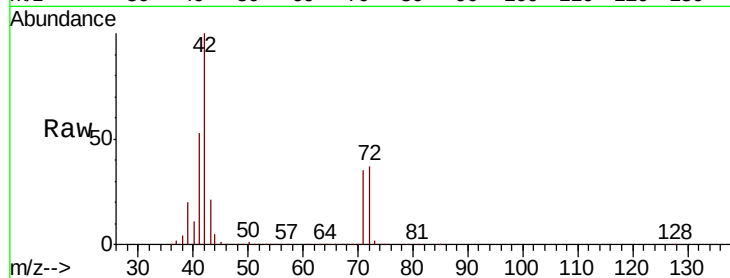




#29
Tetrahydrofuran
Concen: 262.811 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX008971.D
Acq: 15 Apr 2019 19:29

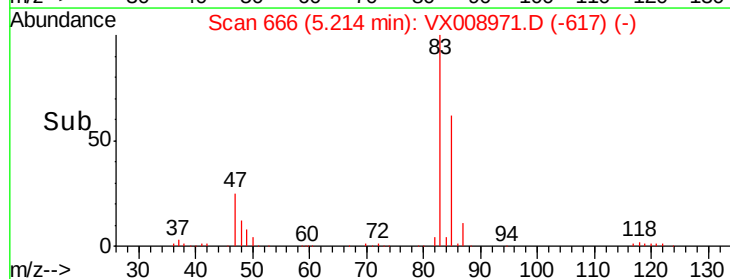
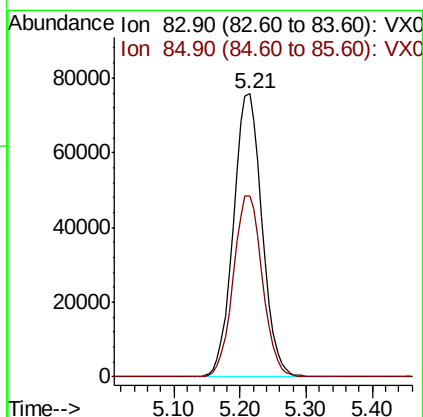
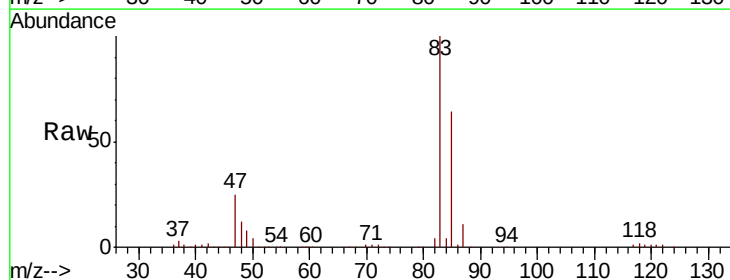
Instrument :
MSVOA_X
ClientSampleId :

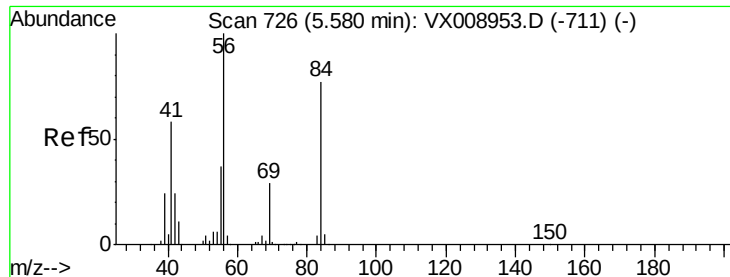
Tot Ion: 42 Resp: 421575
Ion Ratio Lower Upper
42 100
72 37.9 30.6 45.8
71 36.0 28.8 43.2



#30
Chloroform
Concen: 54.360 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX008971.D
Acq: 15 Apr 2019 19:29

Tgt Ion: 83 Resp: 227756
Ion Ratio Lower Upper
83 100
85 63.9 51.9 77.9





#31

Cyclohexane

Concen: 54.133 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008971.D

Acq: 15 Apr 2019 19:29

Instrument :

MSVOA_X

ClientSampleId :

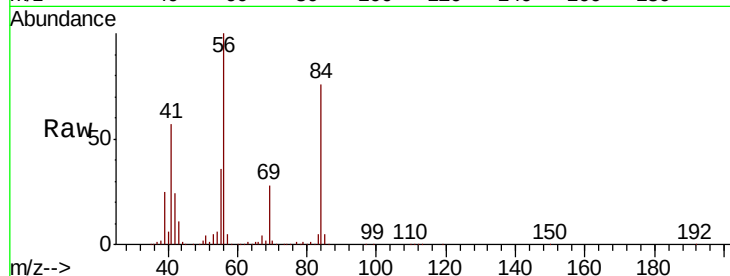
Tot Ion: 56 Resp: 249287

Ion Ratio Lower Upper

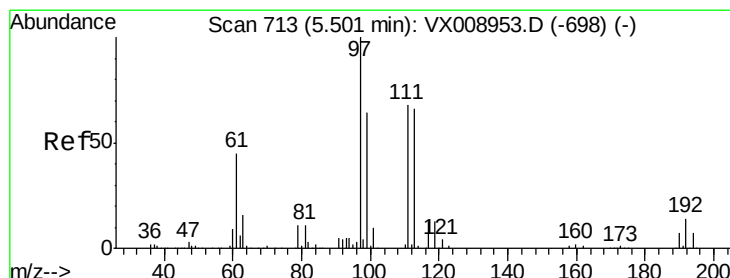
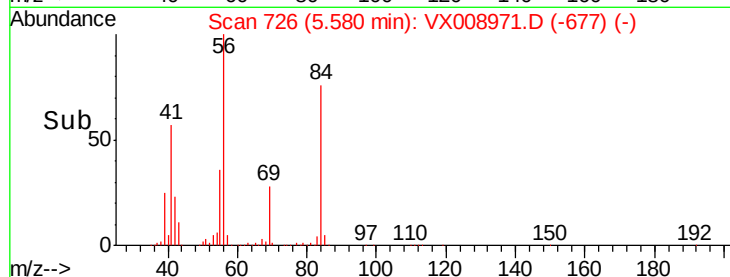
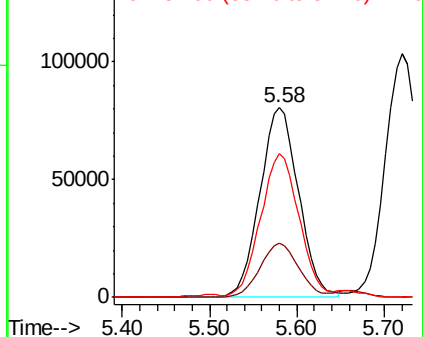
56 100

69 28.3 23.3 34.9

84 74.8 61.7 92.5



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



#32

1,1,1-Trichloroethane

Concen: 54.504 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX008971.D

Acq: 15 Apr 2019 19:29

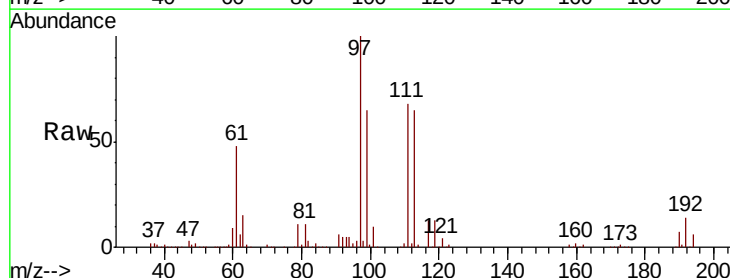
Tgt Ion: 97 Resp: 189266

Ion Ratio Lower Upper

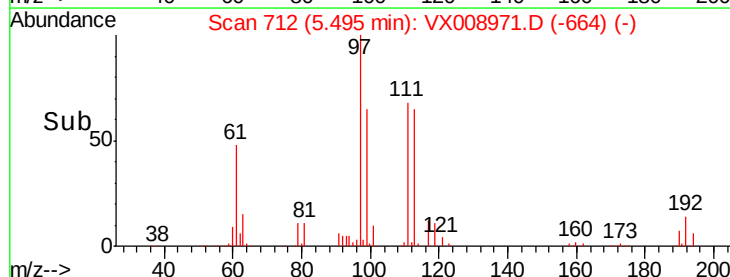
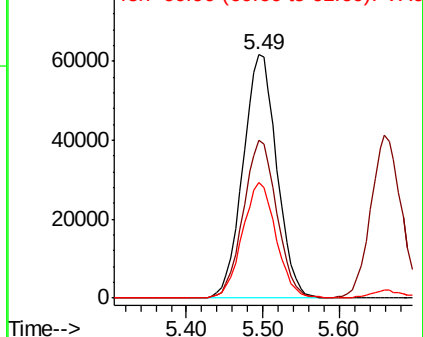
97 100

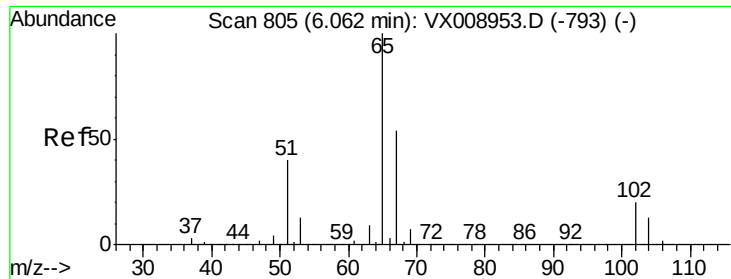
99 64.3 51.6 77.4

61 47.6 37.9 56.9



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

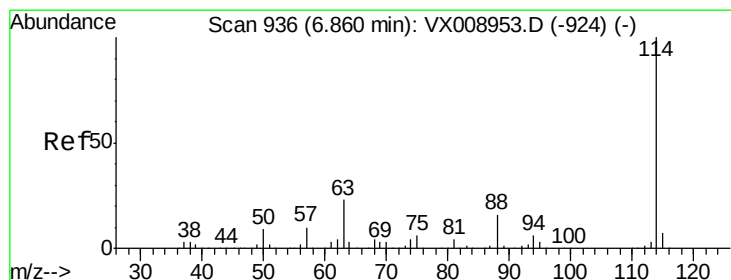
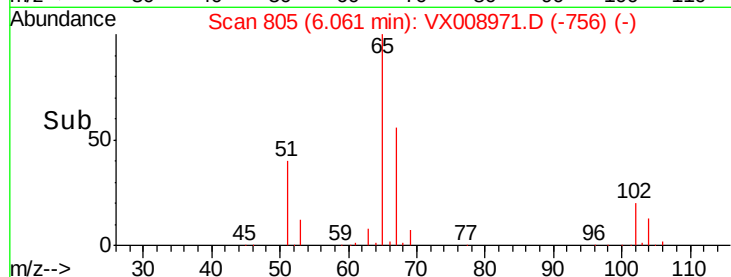
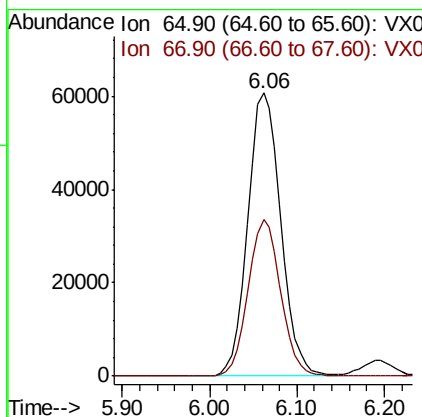
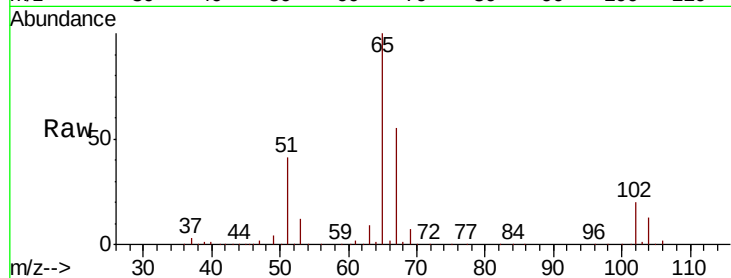




#33
 1,2-Dichloroethane-d4
 Concen: 55.166 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008971.D
 Acq: 15 Apr 2019 19:29

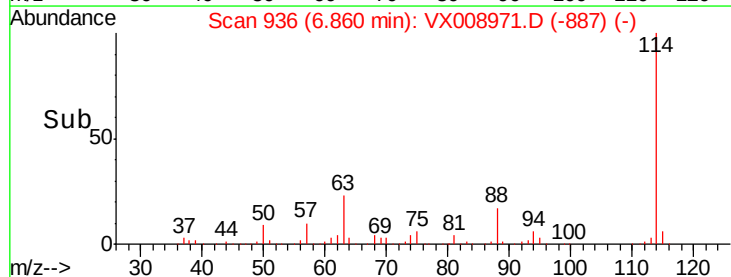
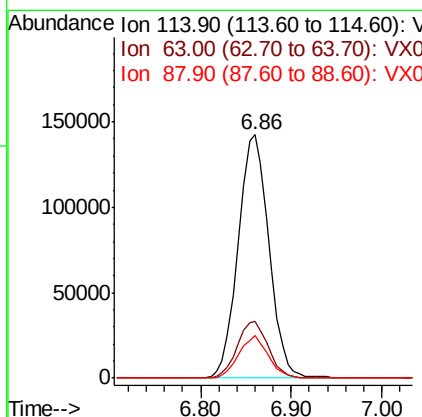
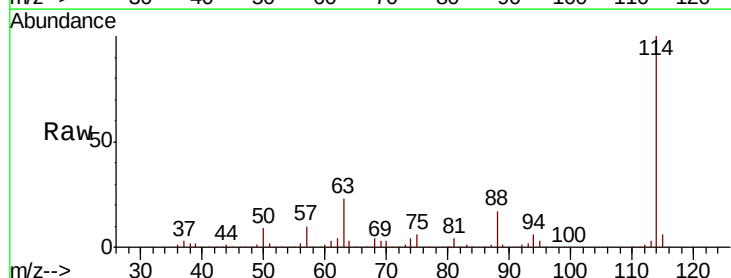
Instrument :
 MSVOA_X
 ClientSampleId :

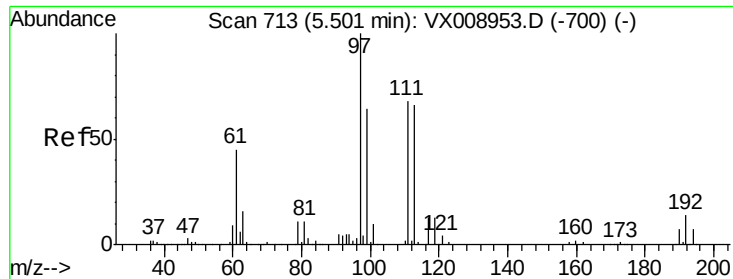
Tot Ion: 65 Resp: 159501
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008971.D
 Acq: 15 Apr 2019 19:29

Tgt Ion: 114 Resp: 336115
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 46.0
 88 17.3 0.0 32.6

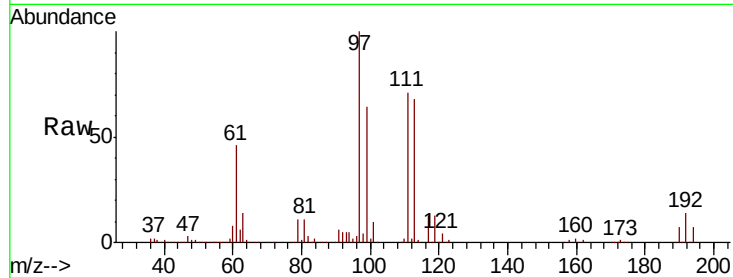




#35
 Dibromofluoromethane
 Concen: 54.777 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008971.D
 Acq: 15 Apr 2019 19:29

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.9	124.3
192	21.1	17.4	26.0

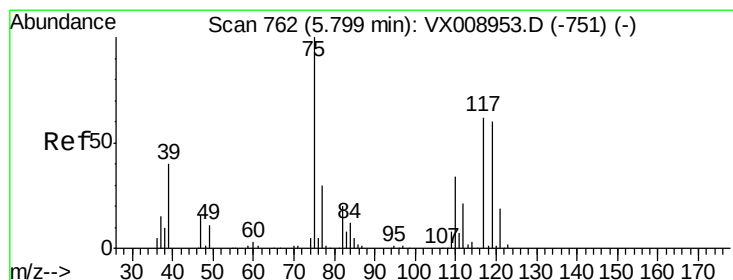
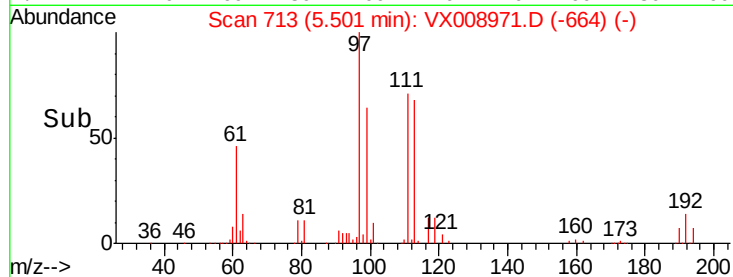
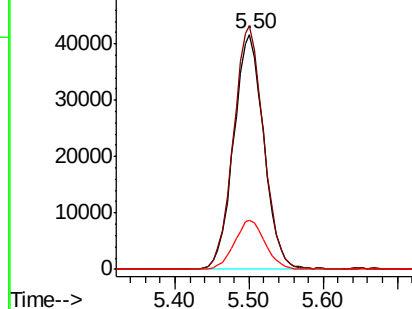


Abundance

Ion 112.80 (112.50 to 113.50): V

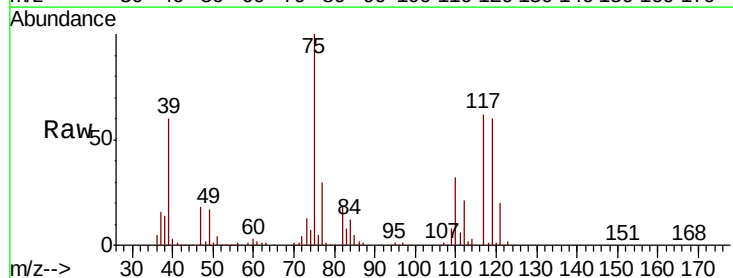
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 51.370 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX008971.D
 Acq: 15 Apr 2019 19:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.3	16.9	50.7
77	31.1	25.0	37.4

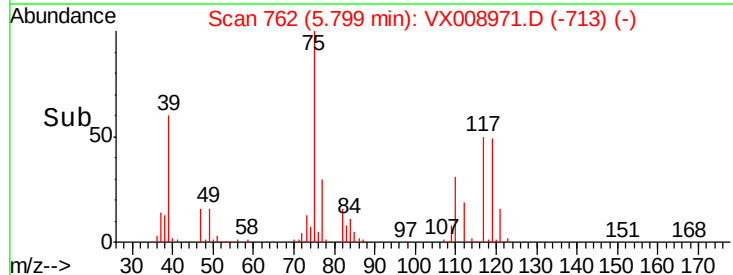
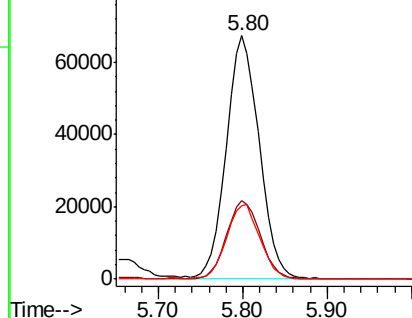


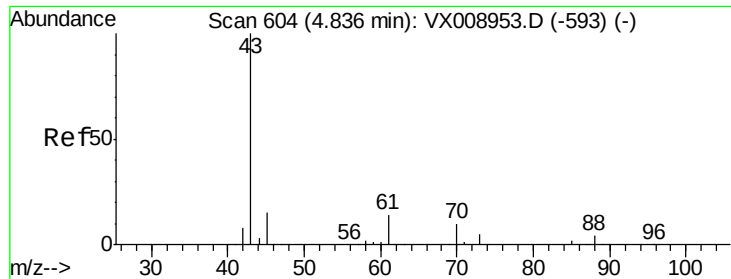
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 52.132 ug/l

RT: 4.84 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX008971.D

Acq: 15 Apr 2019 19:29

Instrument :

MSVOA_X

ClientSampled :

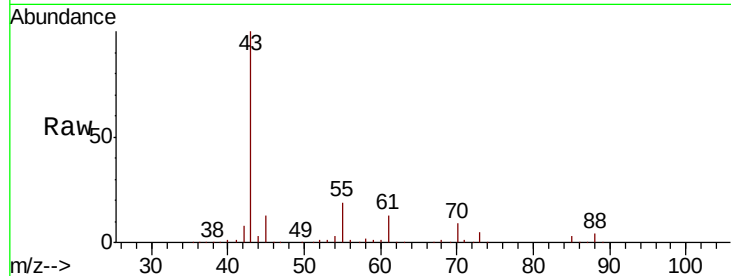
Tot Ion: 43 Resp: 233186

Ion Ratio Lower Upper

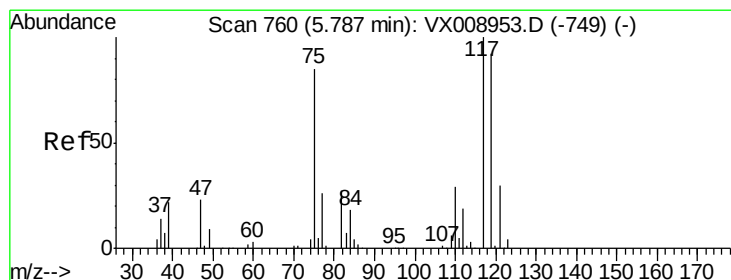
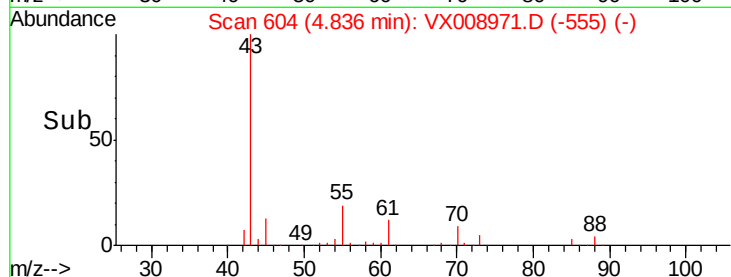
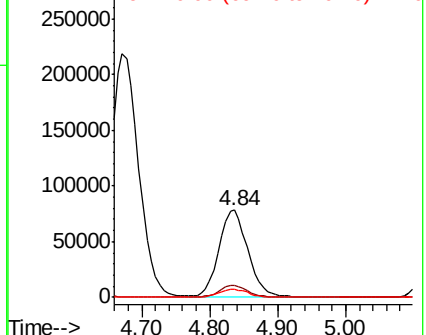
43 100

61 12.9 10.6 15.8

70 9.3 7.7 11.5



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



#38

Carbon Tetrachloride

Concen: 53.949 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX008971.D

Acq: 15 Apr 2019 19:29

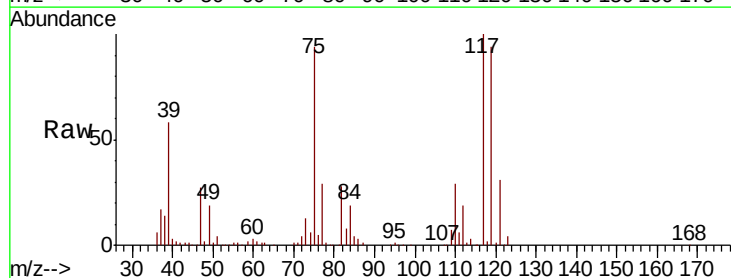
Tgt Ion: 117 Resp: 158987

Ion Ratio Lower Upper

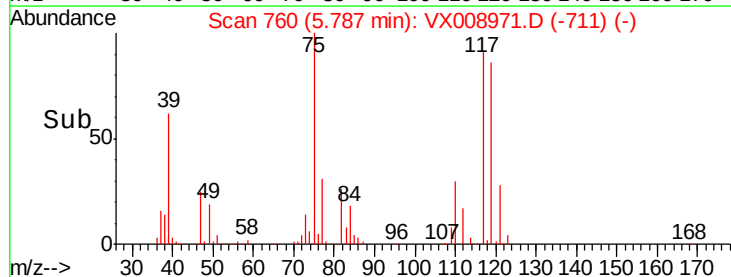
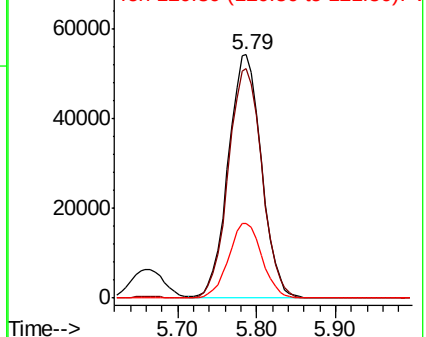
117 100

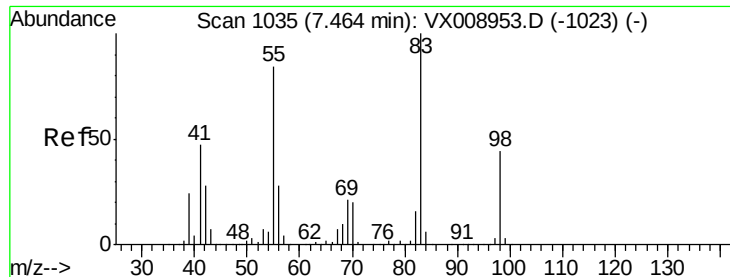
119 94.1 73.8 110.8

121 30.9 23.6 35.4



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

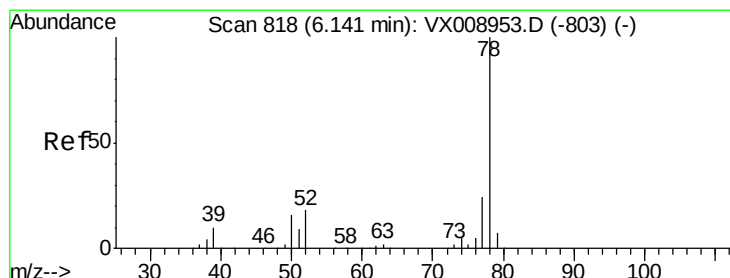
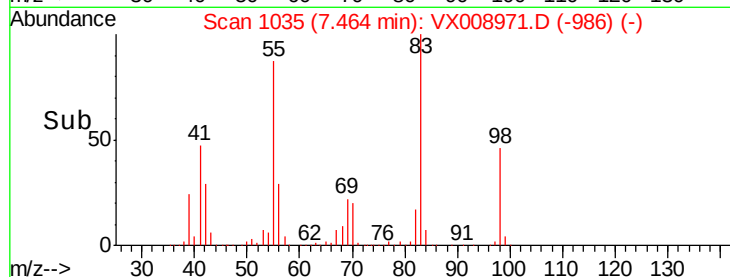
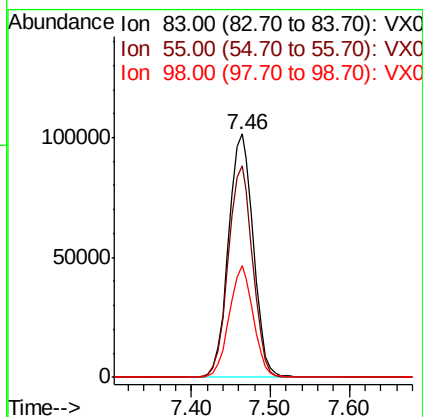
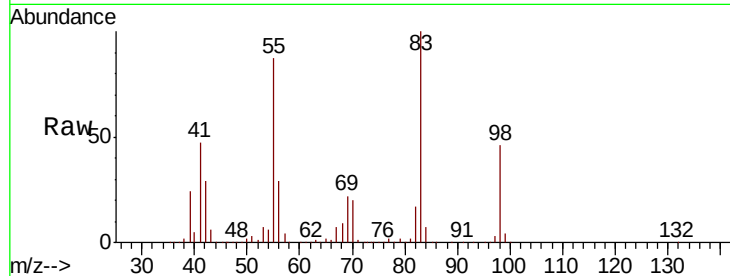




#39
Methylvlcyclohexane
Concen: 52.479 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008971.D
Acq: 15 Apr 2019 19:29

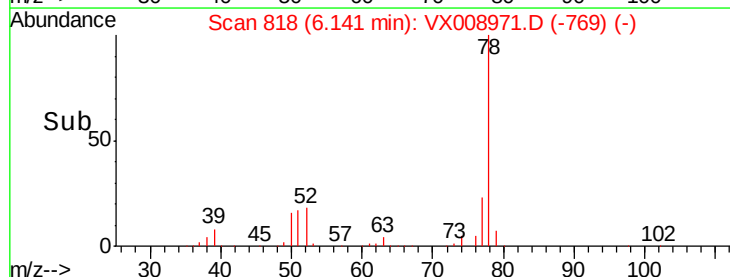
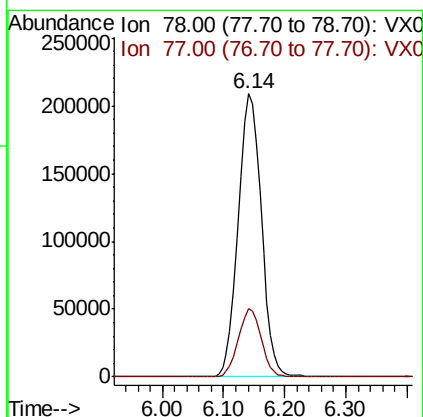
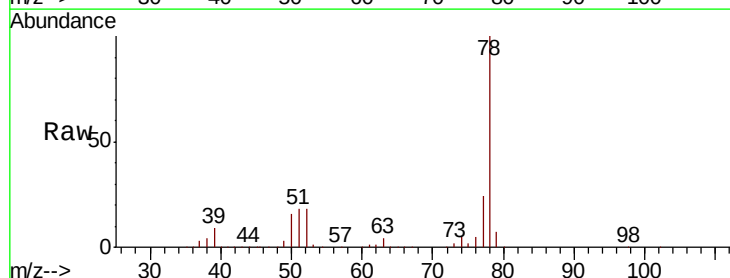
Instrument :
MSVOA_X
ClientSampleId :

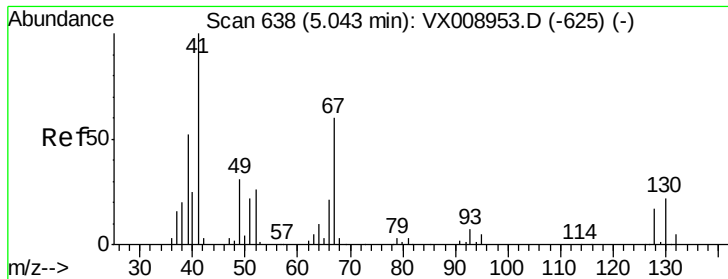
Tot Ion: 83 Resp: 222111
Ion Ratio Lower Upper
83 100
55 86.7 67.1 100.7
98 45.8 35.1 52.7



#40
Benzene
Concen: 53.448 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008971.D
Acq: 15 Apr 2019 19:29

Tgt Ion: 78 Resp: 548099
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6





#41

Methacrylonitrile

Concen: 53.516 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX008971.D

Acq: 15 Apr 2019 19:29

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 137386

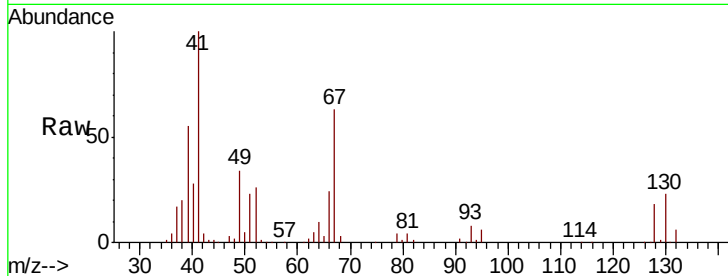
Ion Ratio Lower Upper

41 100

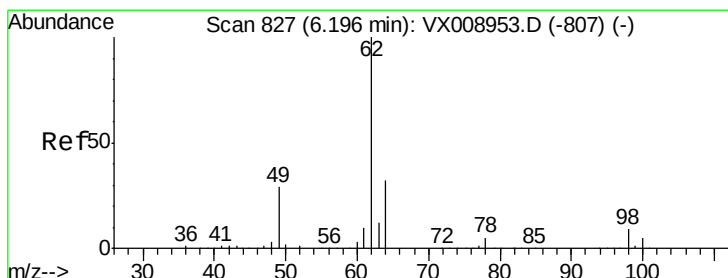
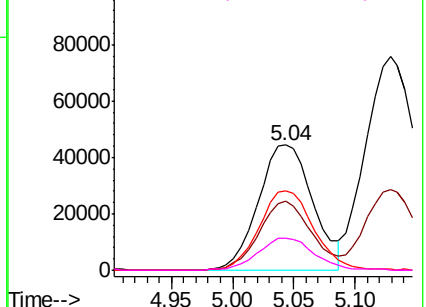
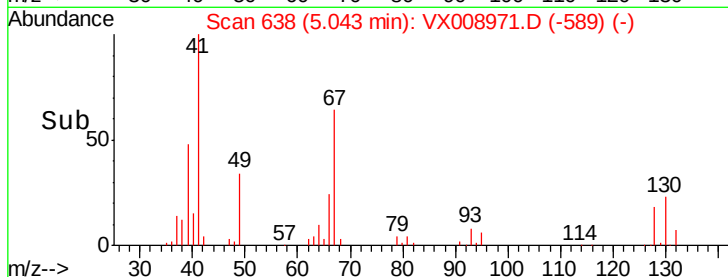
39 52.9 41.8 62.6

67 64.0 50.2 75.4

52 26.4 21.1 31.7



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: 52.941 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX008971.D

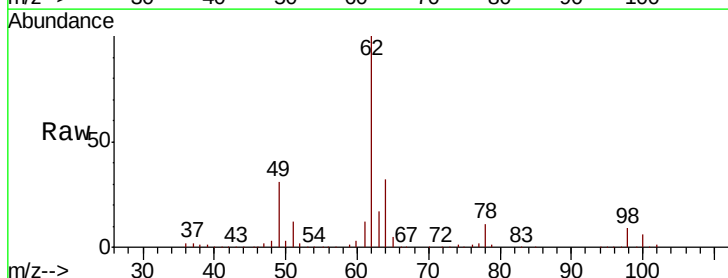
Acq: 15 Apr 2019 19:29

Tgt Ion: 62 Resp: 192319

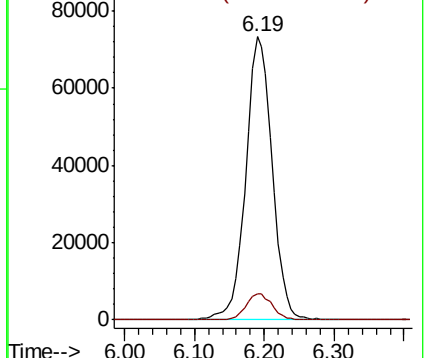
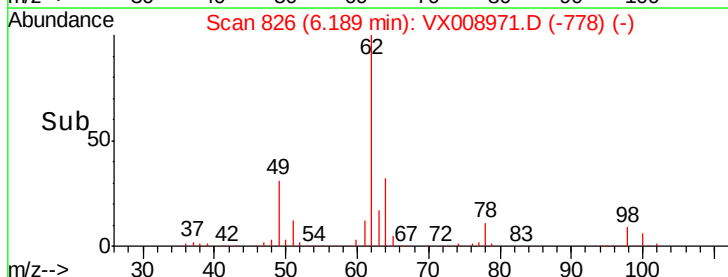
Ion Ratio Lower Upper

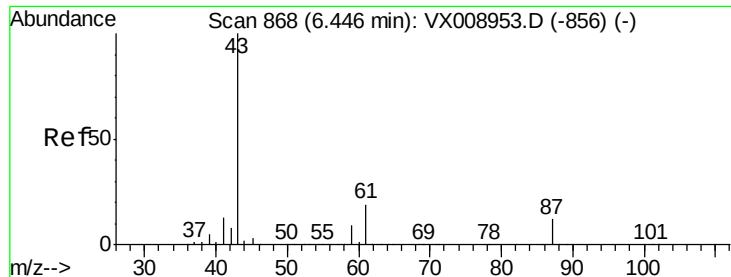
62 100

98 9.2 0.0 18.4



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



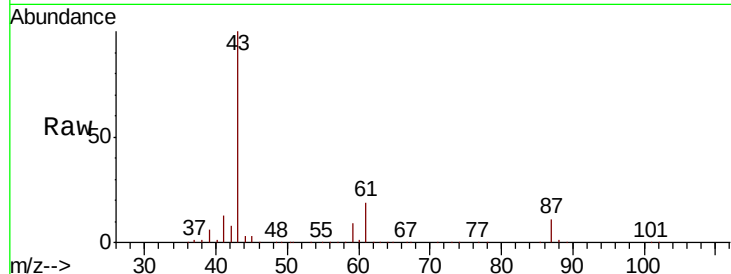


#43

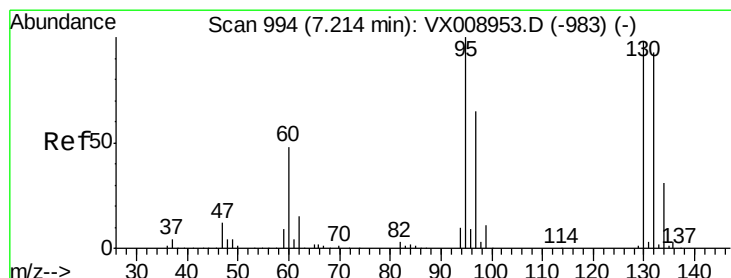
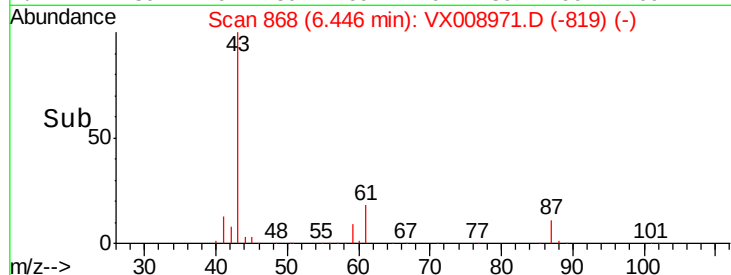
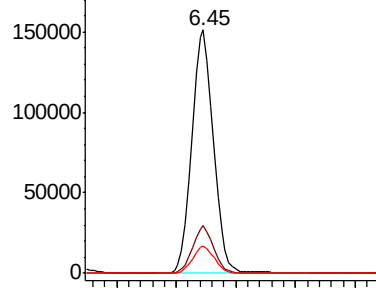
Isopropyl Acetate
 Concen: 52.824 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX008971.D
 Acq: 15 Apr 2019 19:29

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	43	Resp	380770
Ion Ratio	100		
Lower	15.4		
Upper	23.0		
61	18.9		
87	11.1		
	9.0		



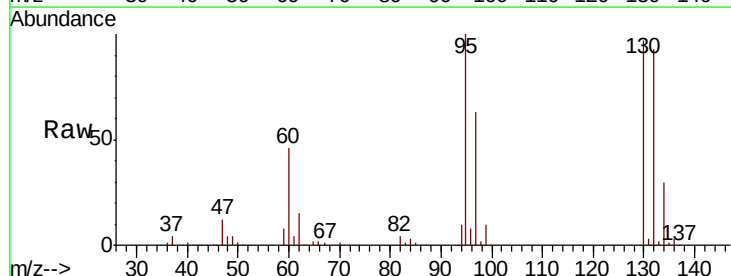
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



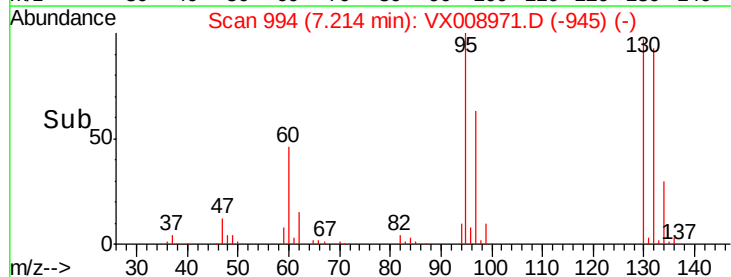
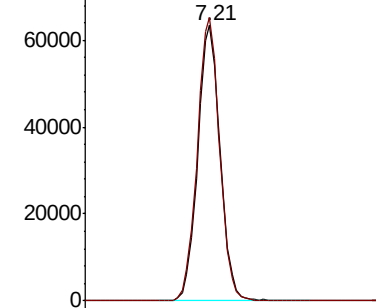
#44

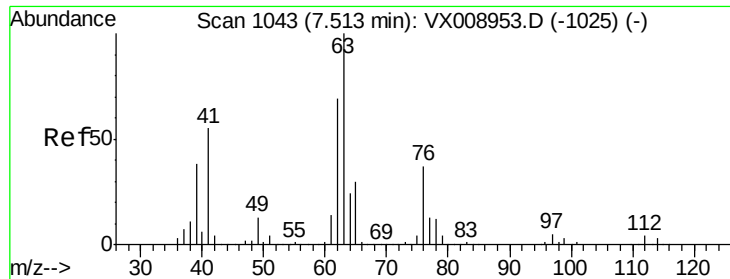
Trichloroethene
 Concen: 52.955 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008971.D
 Acq: 15 Apr 2019 19:29

Tgt Ion	130	Resp	133058
Ion Ratio	100		
Lower	0.0		
Upper	203.2		
95	102.9		



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

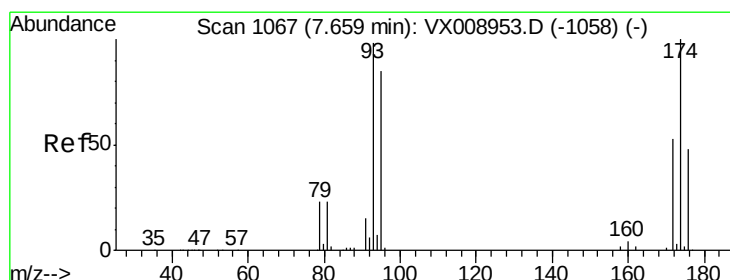
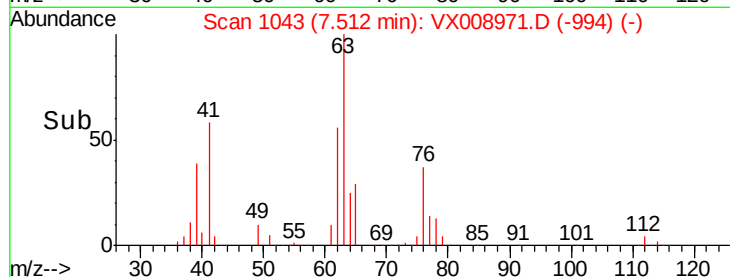
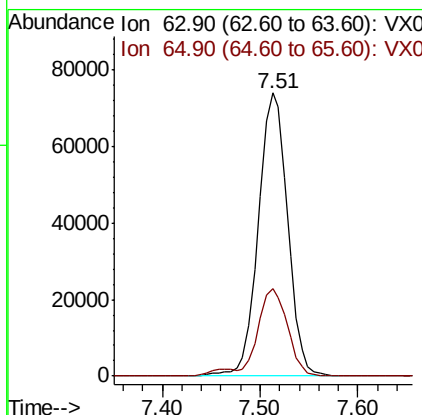
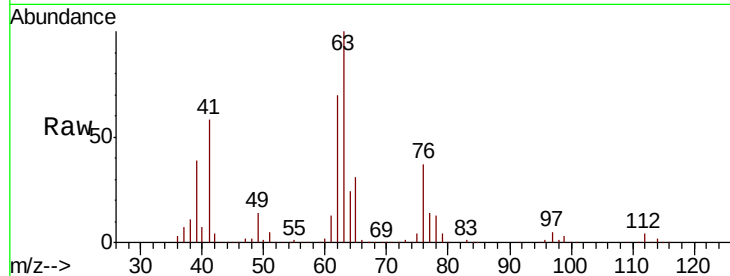




#45
 1,2-Dichloropropane
 Concen: 54.184 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008971.D
 Acq: 15 Apr 2019 19:29

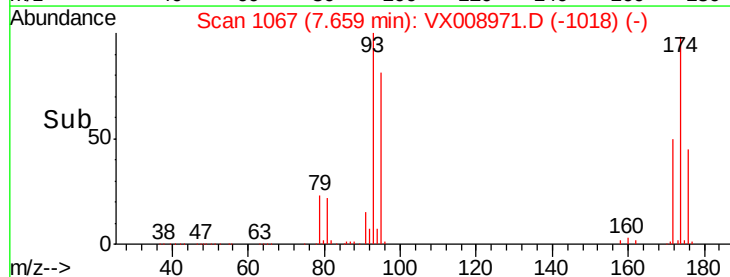
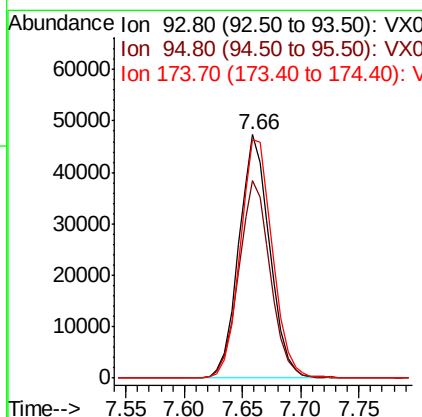
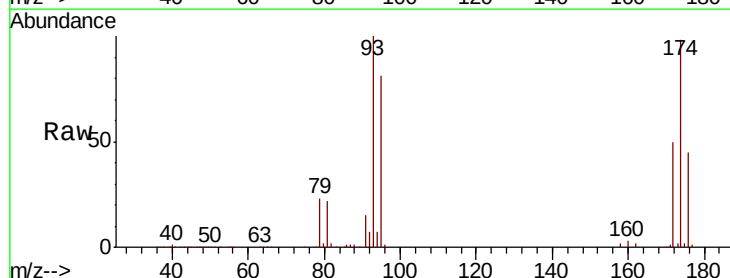
Instrument :
 MSVOA_X
 ClientSampleId :

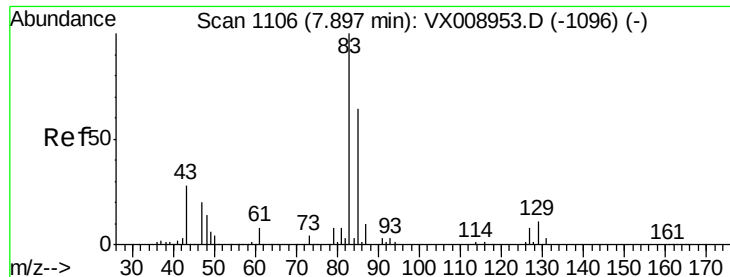
Tot Ion: 63 Resp: 154151
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.1 36.1



#46
 Dibromomethane
 Concen: 52.822 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008971.D
 Acq: 15 Apr 2019 19:29

Tgt Ion: 93 Resp: 87458
 Ion Ratio Lower Upper
 93 100
 95 82.5 67.0 100.4
 174 102.4 81.6 122.4





#47

Bromodichloromethane

Concen: 54.553 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008971.D

Acq: 15 Apr 2019 19:29

Instrument :

MSVOA_X

ClientSampleId :

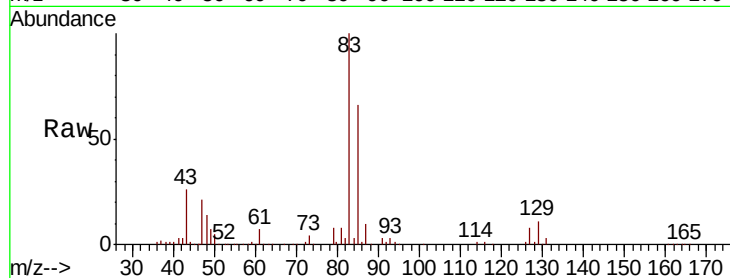
Tot Ion: 83 Resp: 177158

Ion Ratio Lower Upper

83 100

85 66.1 50.8 76.2

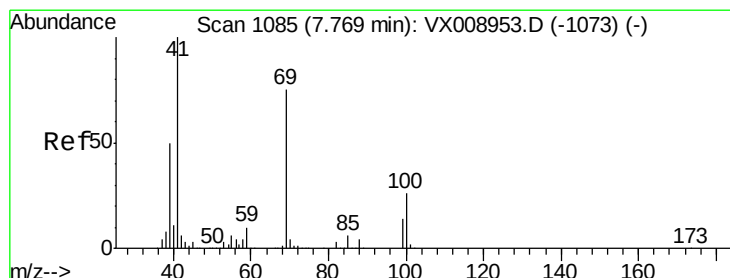
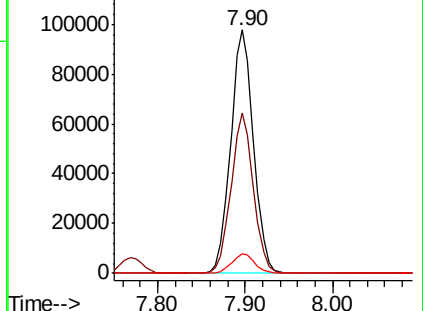
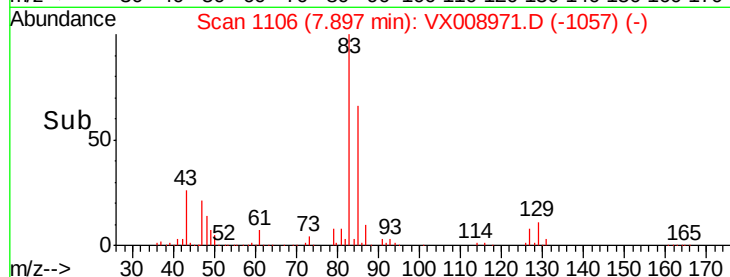
127 7.9 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 55.242 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008971.D

Acq: 15 Apr 2019 19:29

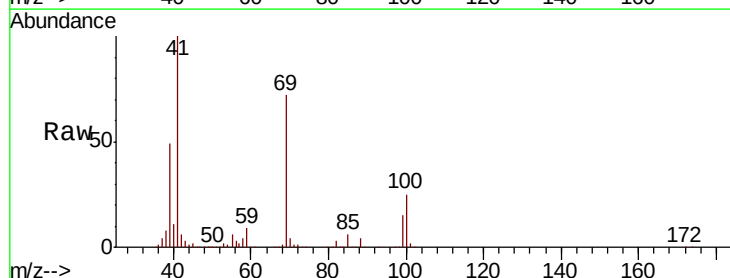
Tgt Ion: 41 Resp: 196755

Ion Ratio Lower Upper

41 100

69 73.4 59.4 89.2

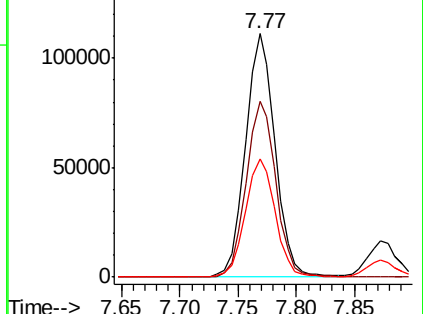
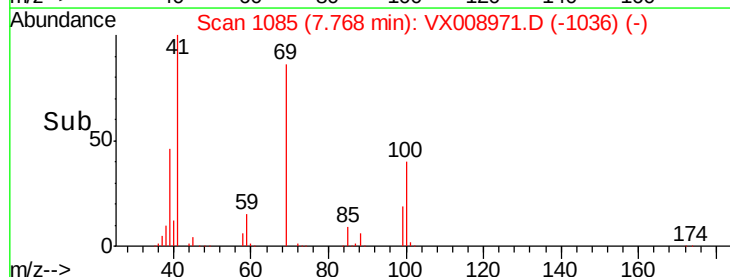
39 49.1 39.8 59.6

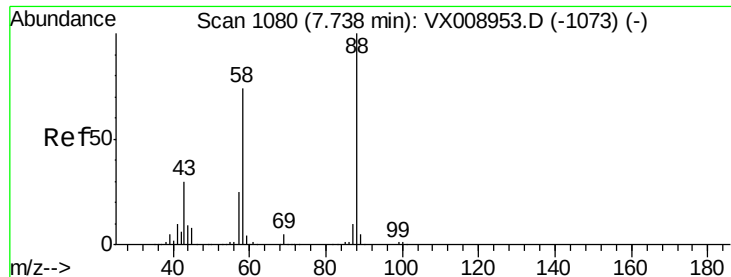


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

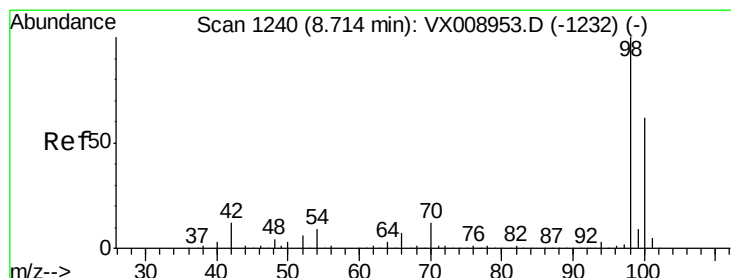
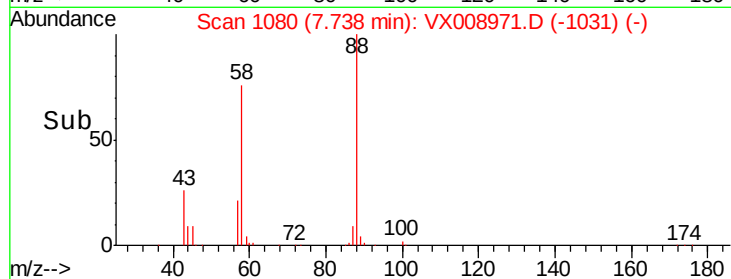
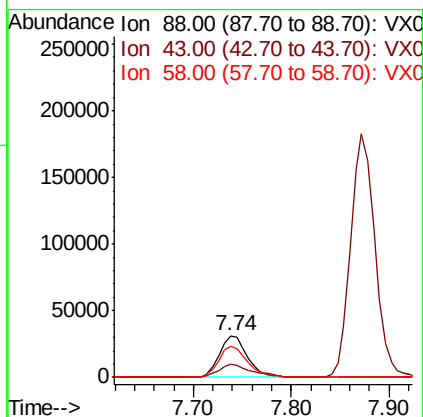
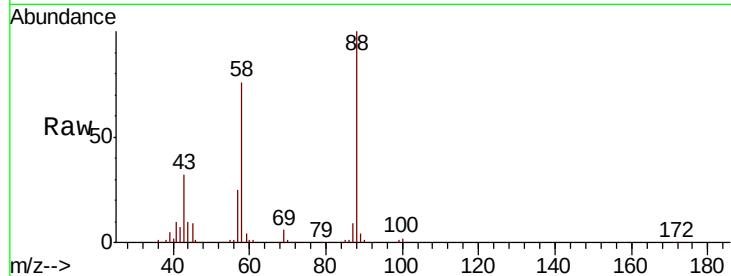




#49
 1,4-Dioxane
 Concen: 927.476 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX008971.D
 Acq: 15 Apr 2019 19:29

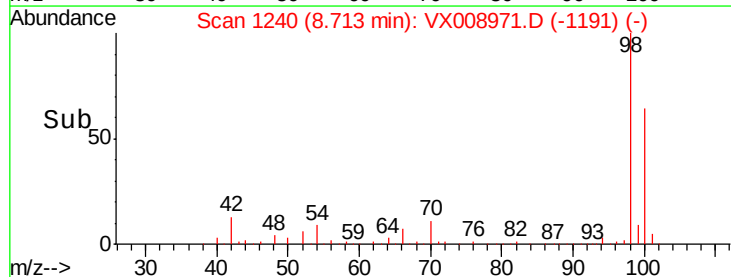
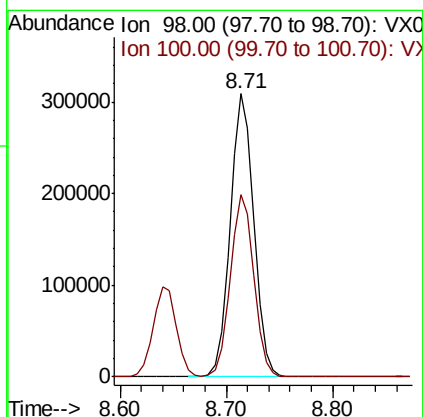
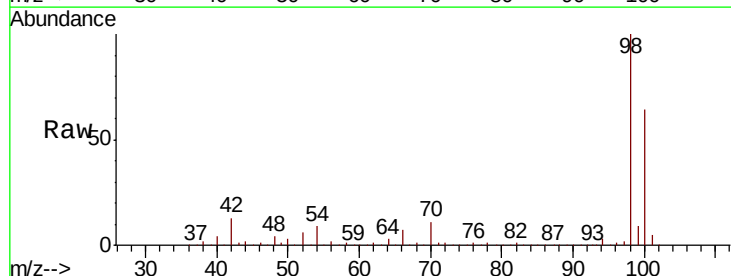
Instrument :
 MSVOA_X
 ClientSampleId :

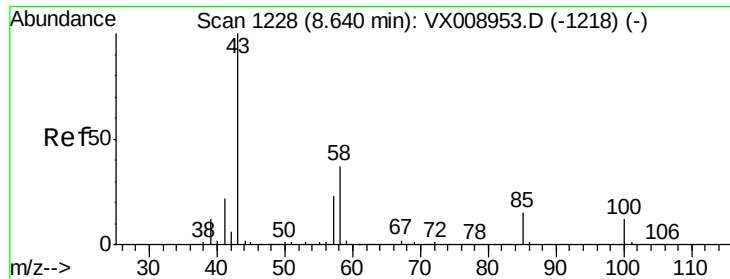
Tot Ion: 88 Resp: 61829
 Ion Ratio Lower Upper
 88 100
 43 36.9 29.3 43.9
 58 79.0 62.6 93.8



#50
 Toluene-d8
 Concen: 55.473 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008971.D
 Acq: 15 Apr 2019 19:29

Tgt Ion: 98 Resp: 477212
 Ion Ratio Lower Upper
 98 100
 100 64.6 51.4 77.2





#51

4-Methyl-2-Pentanone

Concen: 266.519 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008971.D

Acq: 15 Apr 2019 19:29

Instrument :

MSVOA_X

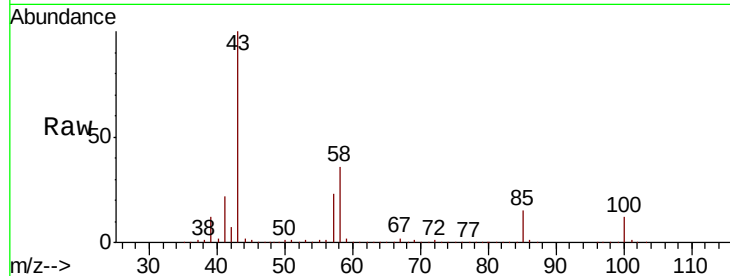
ClientSampleId :

Tot Ion: 43 Resp: 1223913

Ion Ratio Lower Upper

43 100

58 36.9 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

800000

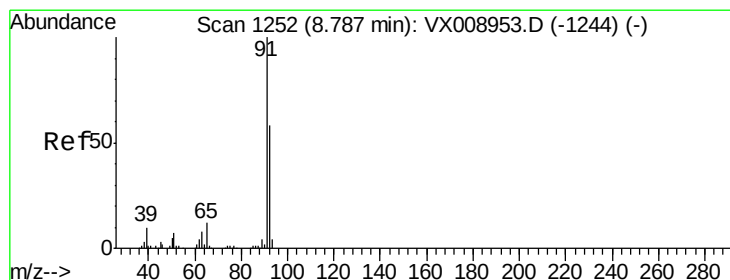
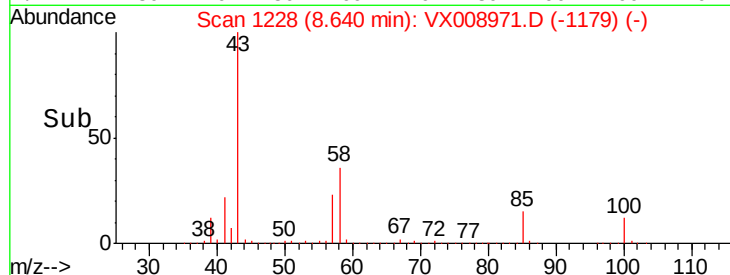
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 53.214 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008971.D

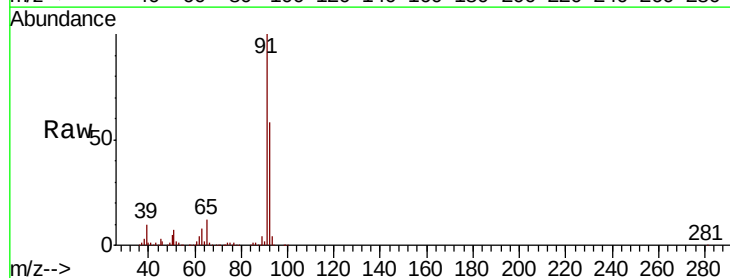
Acq: 15 Apr 2019 19:29

Tgt Ion: 92 Resp: 327052

Ion Ratio Lower Upper

92 100

91 172.6 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

400000

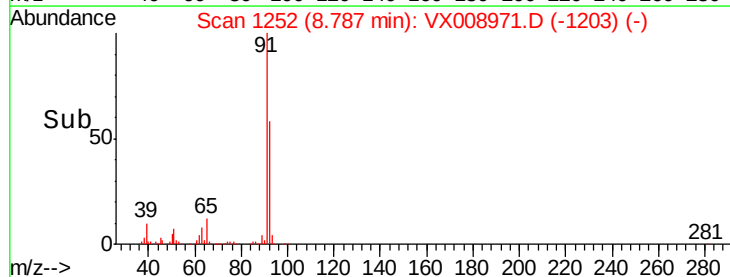
300000

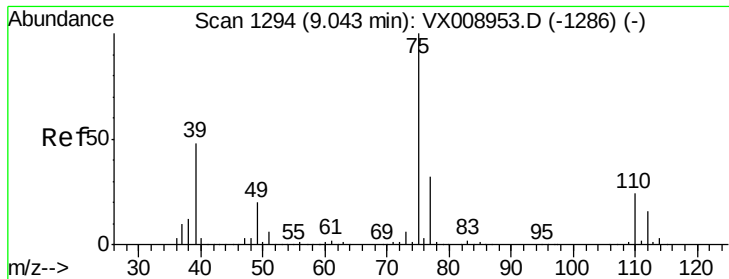
200000

100000

0

Time-->

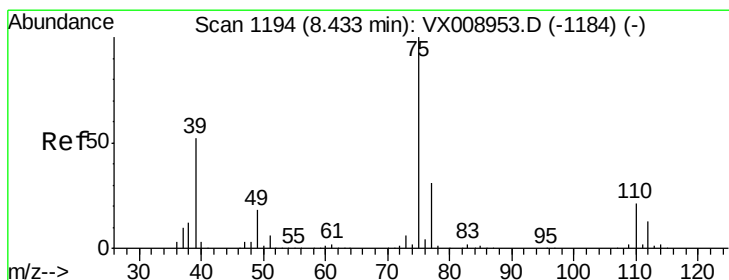
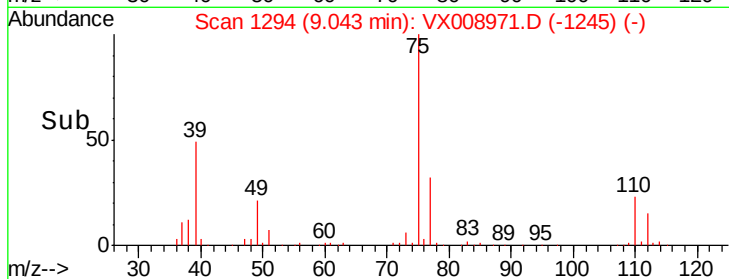
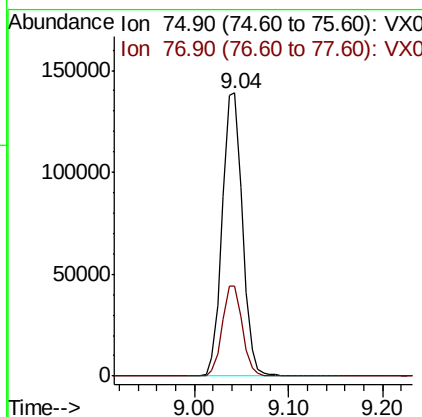
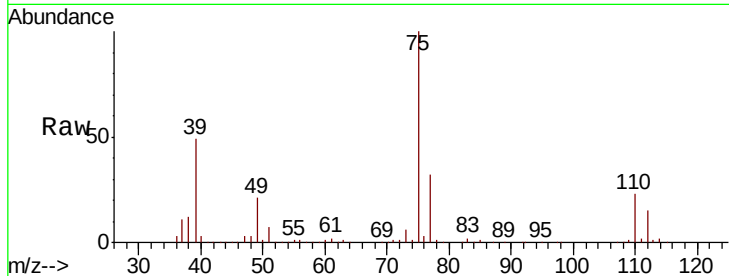




#53
 t-1,3-Dichloropropene
 Concen: 55.363 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX008971.D
 Acq: 15 Apr 2019 19:29

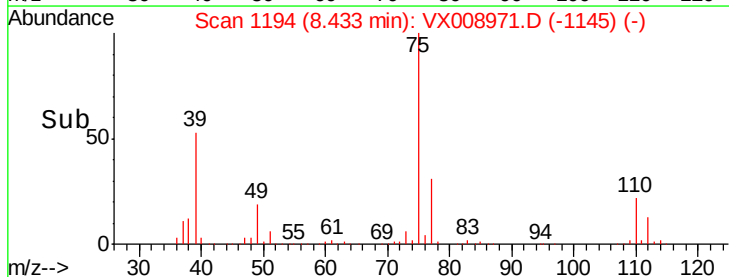
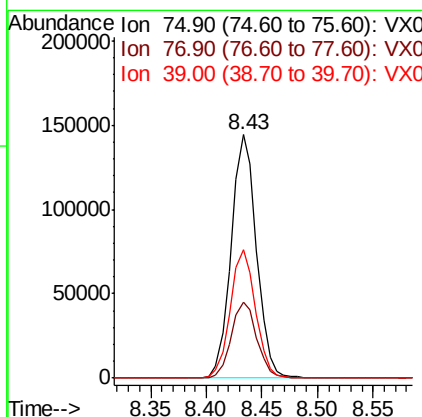
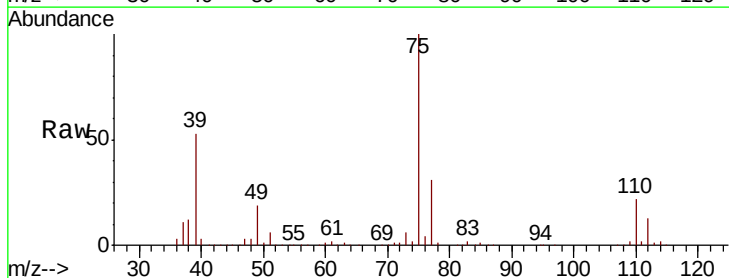
Instrument :
 MSVOA_X
 ClientSampleId :

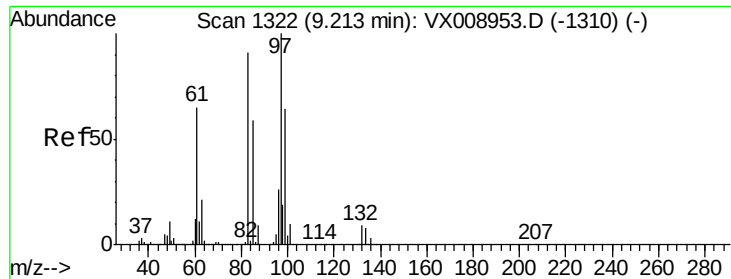
Tot Ion: 75 Resp: 206912
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 54.108 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008971.D
 Acq: 15 Apr 2019 19:29

Tgt Ion: 75 Resp: 226430
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.8 37.2
 39 52.5 41.8 62.6

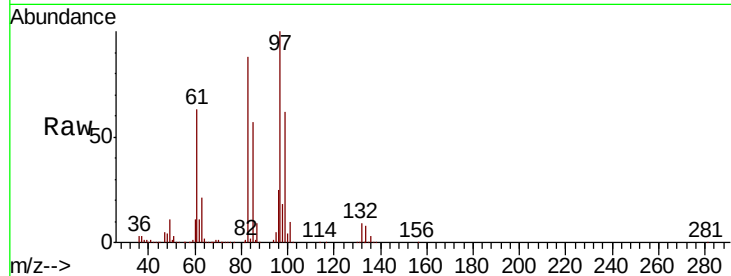




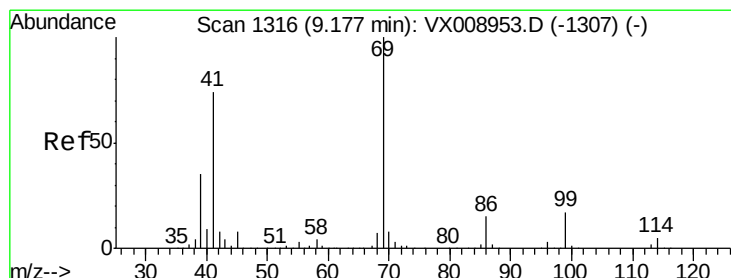
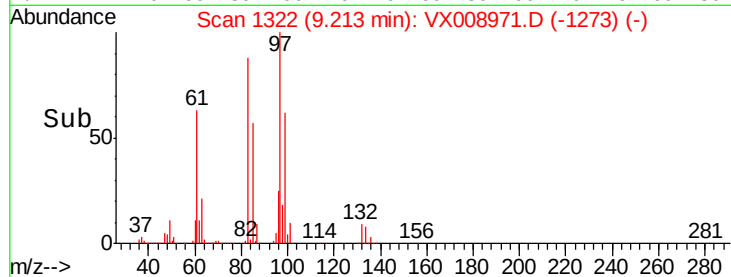
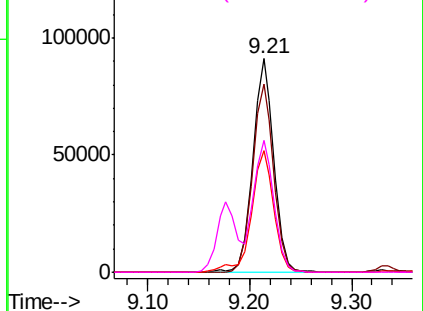
#55
 1,1,2-Trichloroethane
 Concen: 53.904 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008971.D
 Acq: 15 Apr 2019 19:29

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:	97	Resp:	131301
Ion	Ratio	Lower	Upper
97	100		
83	88.1	72.6	108.8
85	56.9	46.9	70.3
99	61.5	51.0	76.6

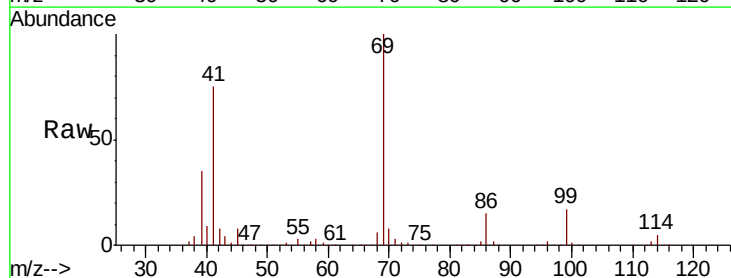


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

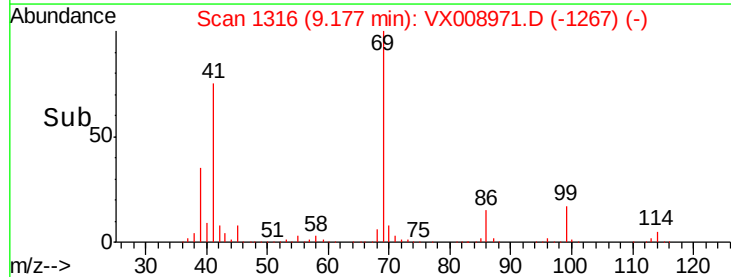
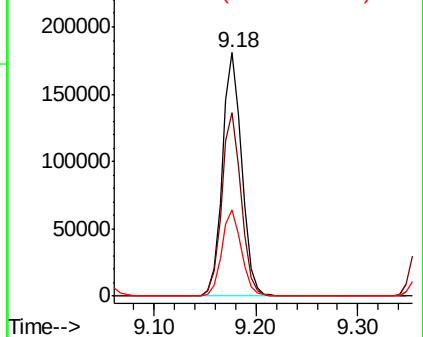


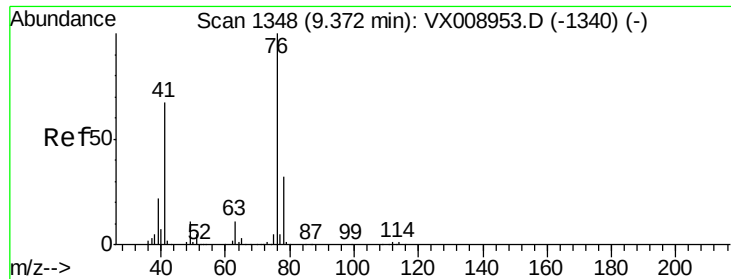
#56
 Ethyl methacrylate
 Concen: 54.750 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008971.D
 Acq: 15 Apr 2019 19:29

Tgt Ion:	69	Resp:	239128
Ion	Ratio	Lower	Upper
69	100		
41	75.6	60.2	90.2
39	35.6	27.9	41.9



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

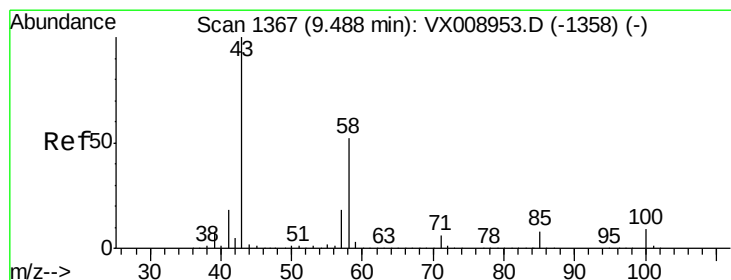
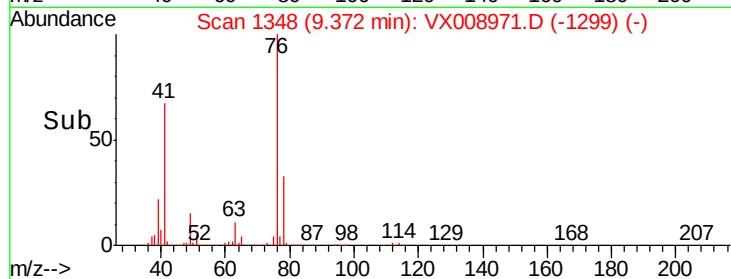
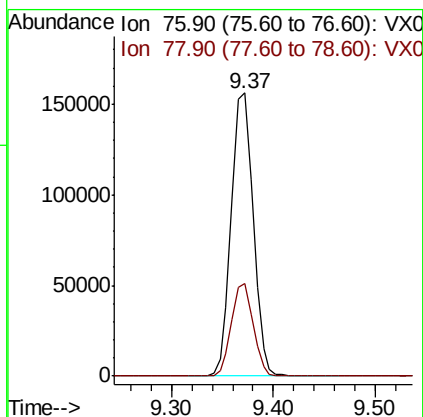
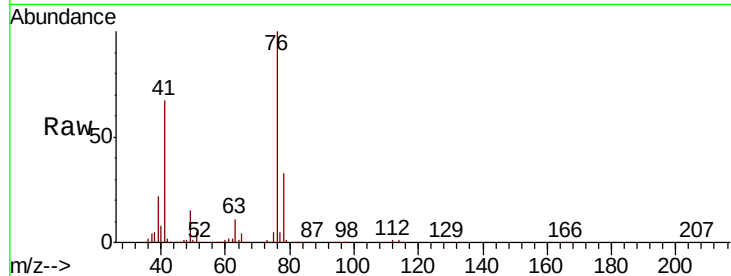




#57
 1,3-Dichloropropane
 Concen: 53.658 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX008971.D
 Acq: 15 Apr 2019 19:29

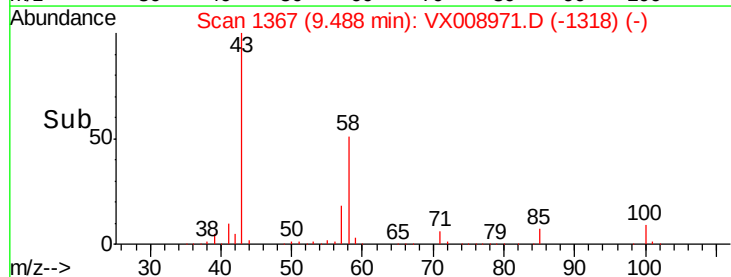
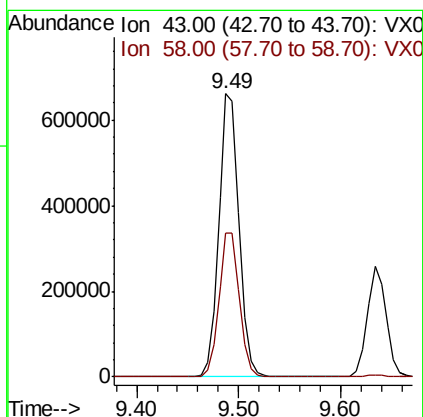
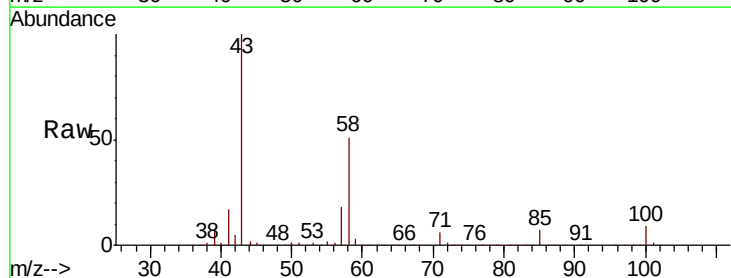
Instrument :
 MSVOA_X
 ClientSampled :

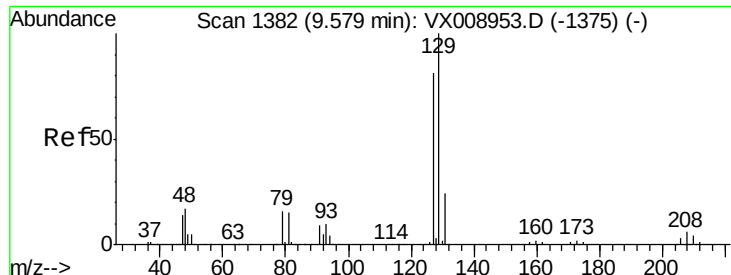
Tot Ion: 76 Resp: 232712
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.7 38.5



#59
 2-Hexanone
 Concen: 258.312 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: VX008971.D
 Acq: 15 Apr 2019 19:29

Tgt Ion: 43 Resp: 914557
 Ion Ratio Lower Upper
 43 100
 58 51.6 25.9 77.8





#60

Dibromochloromethane

Concen: 55.724 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX008971.D

Acq: 15 Apr 2019 19:29

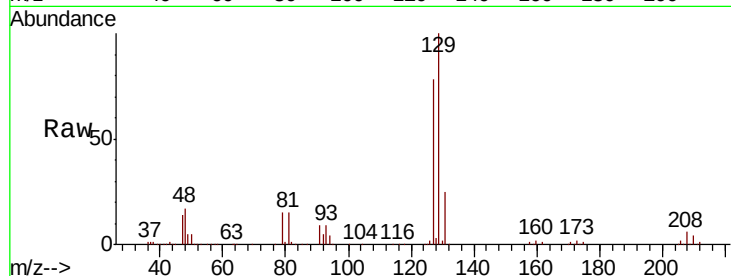
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:129 Resp: 130089

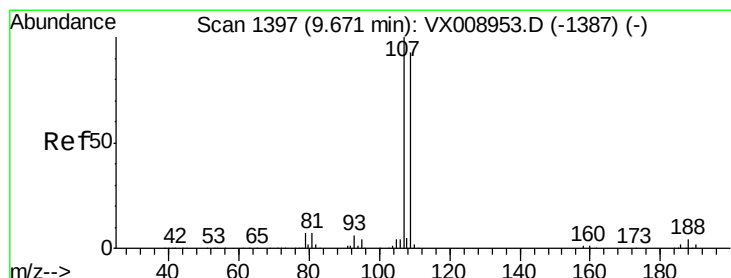
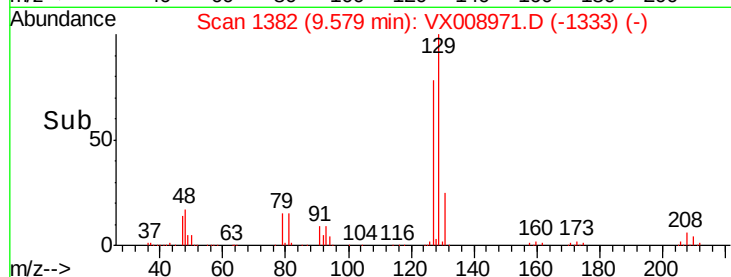
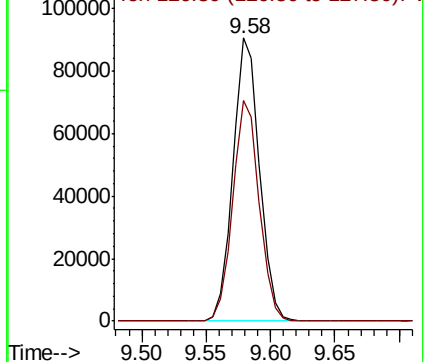
Ion Ratio Lower Upper

129 100

127 77.8 39.1 117.2



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 53.531 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008971.D

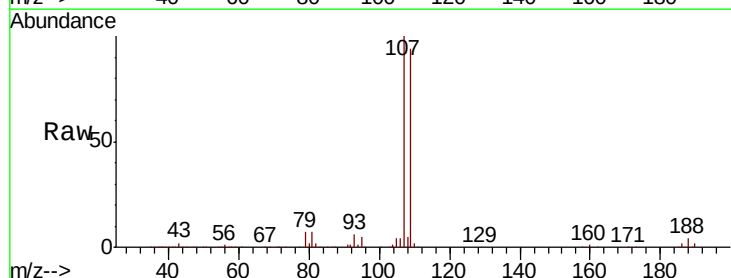
Acq: 15 Apr 2019 19:29

Tgt Ion:107 Resp: 134576

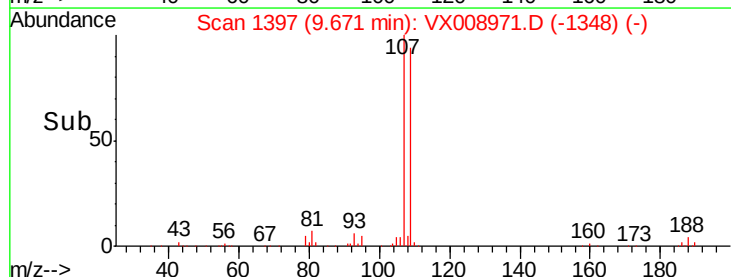
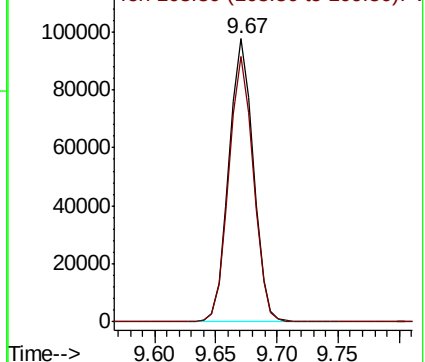
Ion Ratio Lower Upper

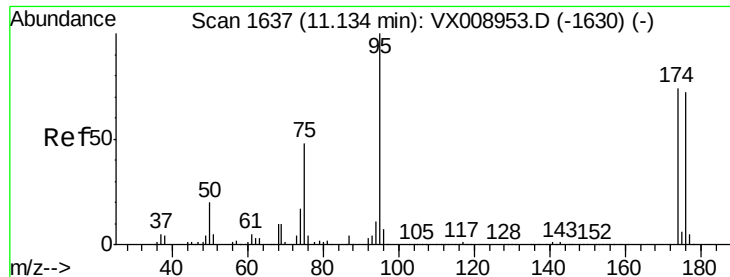
107 100

109 94.0 74.4 111.6



Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 54.637 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008971.D

Acq: 15 Apr 2019 19:29

Instrument :

MSVOA_X

ClientSampleId :

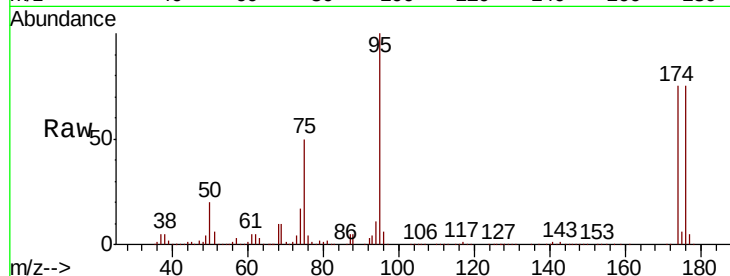
Tot Ion: 95 Resp: 165919

Ion Ratio Lower Upper

95 100

174 78.9 0.0 159.6

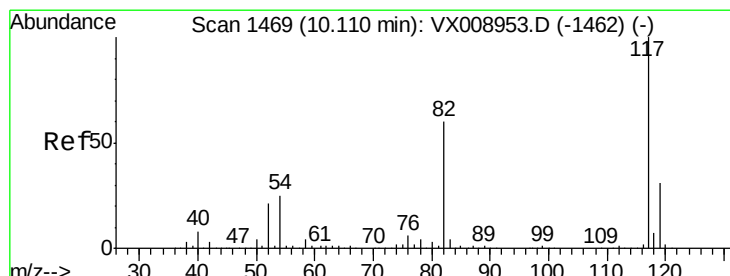
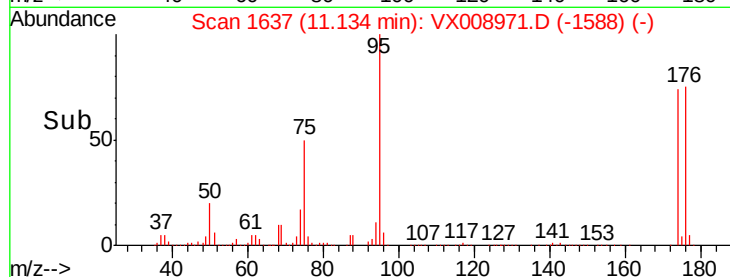
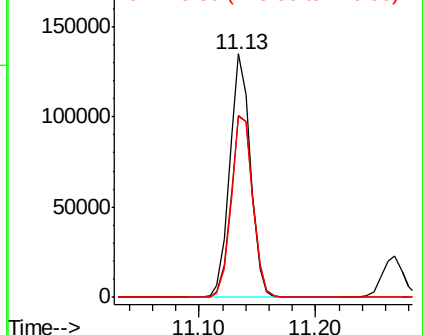
176 77.8 0.0 154.8



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008971.D

Acq: 15 Apr 2019 19:29

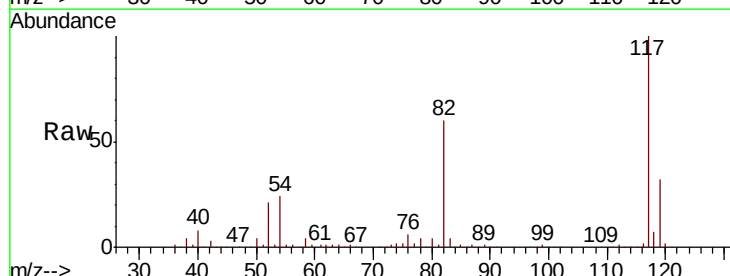
Tgt Ion: 117 Resp: 298012

Ion Ratio Lower Upper

117 100

82 60.4 48.2 72.4

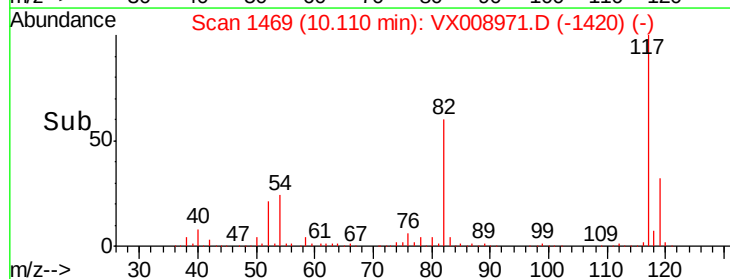
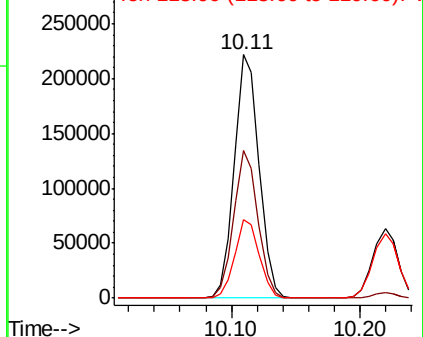
119 32.0 25.0 37.6

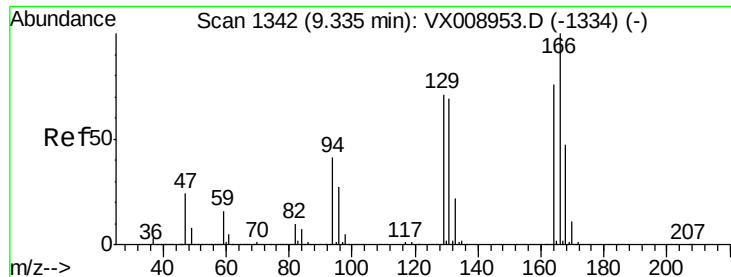


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

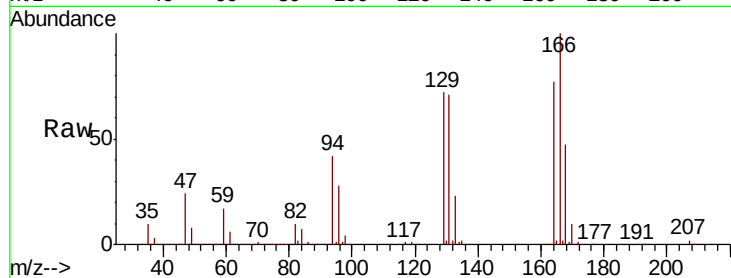




#64
Tetrachloroethene
Concen: 64.254 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008971.D
Acq: 15 Apr 2019 19:29

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
166	129.6	105.0	157.4
129	93.7	74.2	111.4
131	91.8	72.2	108.2



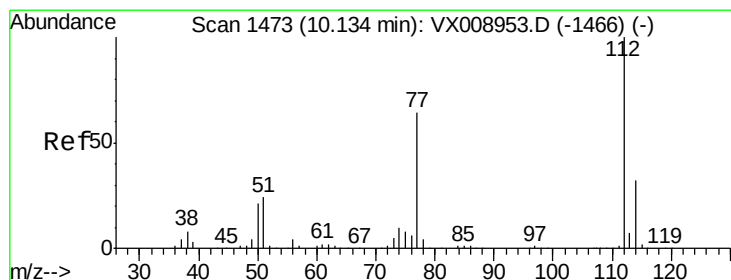
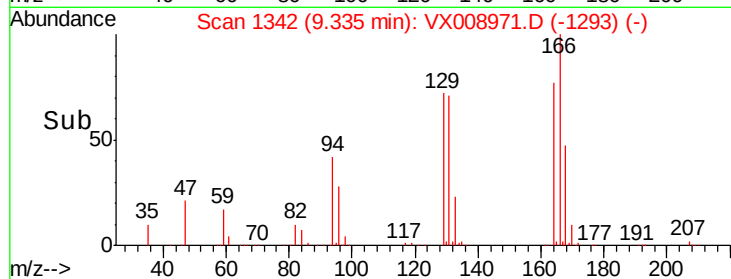
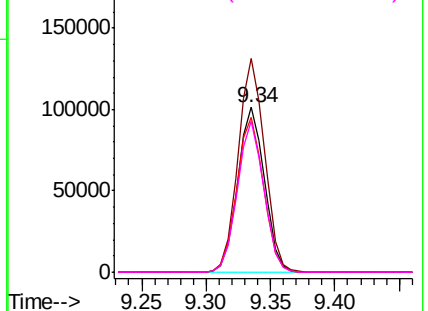
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

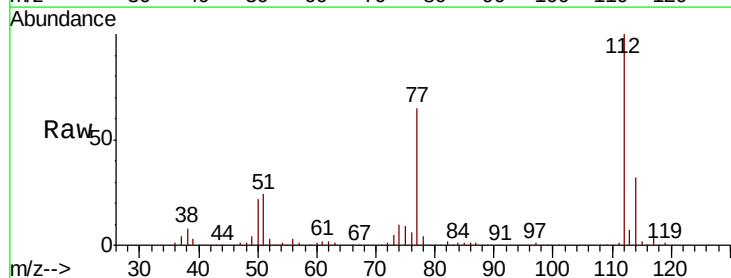
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65
Chlorobenzene
Concen: 52.463 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX008971.D
Acq: 15 Apr 2019 19:29

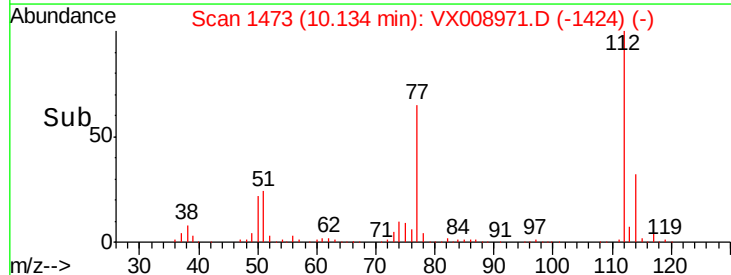
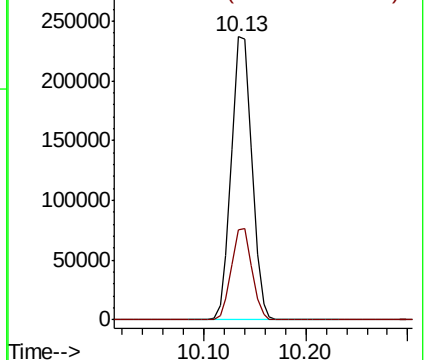
Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.4	38.0

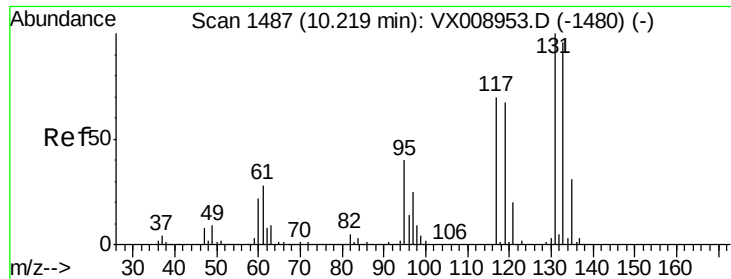


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

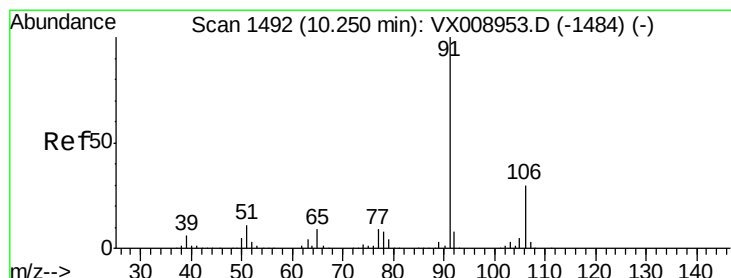
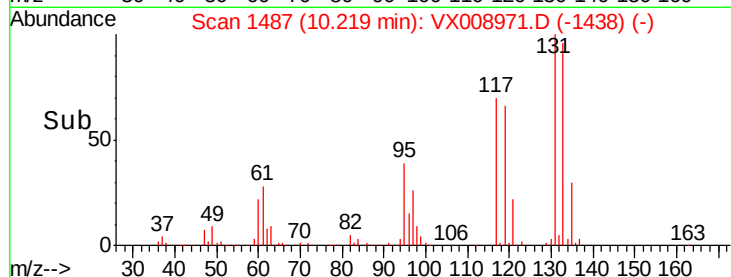
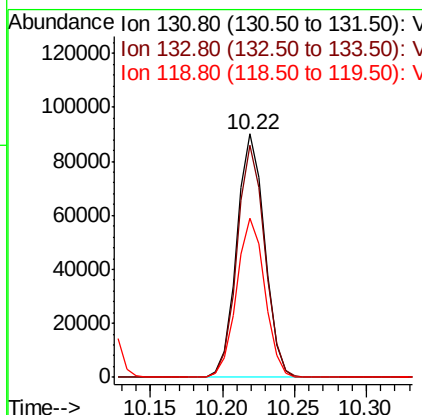
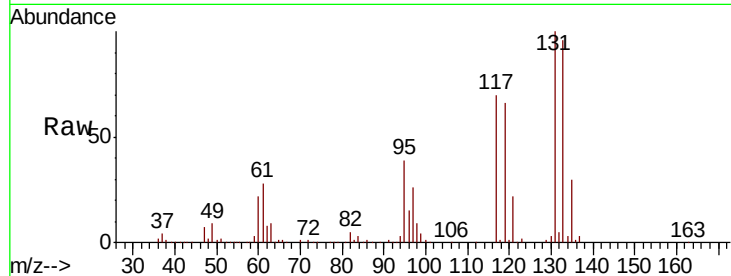




#66
 1,1,1,2-Tetrachloroethane
 Concen: 54.958 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX008971.D
 Acq: 15 Apr 2019 19:29

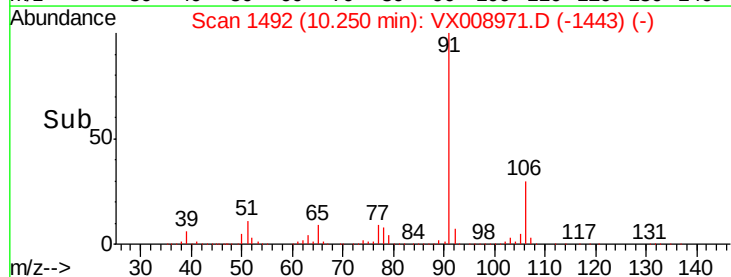
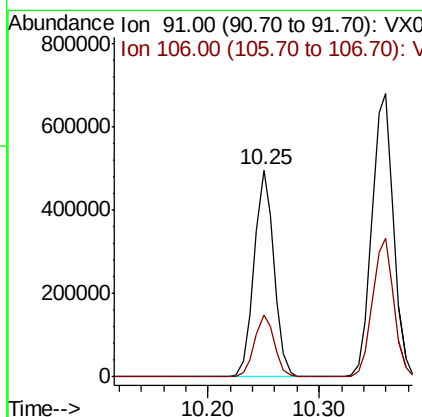
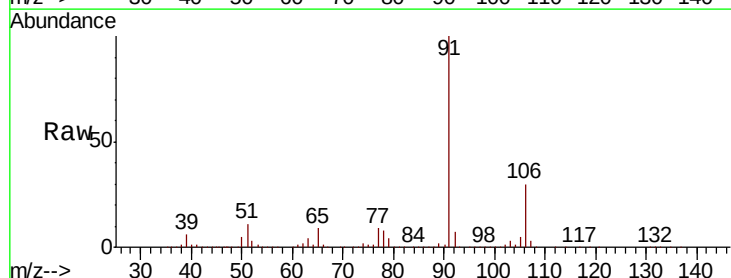
Instrument :
 MSVOA_X
 ClientSampleId :

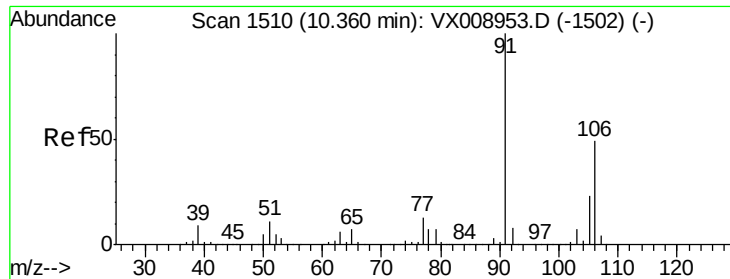
Tot Ion:131 Resp: 121785
 Ion Ratio Lower Upper
 131 100
 133 94.7 48.0 144.2
 119 66.3 33.7 101.1



#67
 Ethyl Benzene
 Concen: 53.718 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX008971.D
 Acq: 15 Apr 2019 19:29

Tgt Ion: 91 Resp: 617690
 Ion Ratio Lower Upper
 91 100
 106 30.0 24.3 36.5

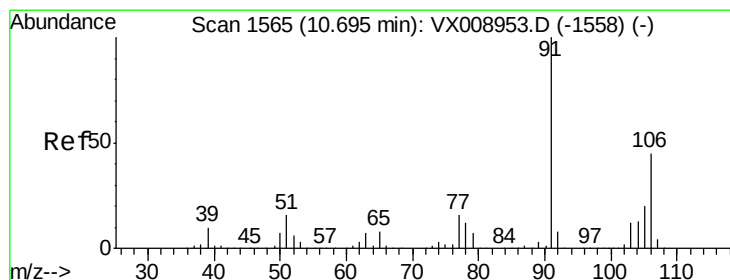
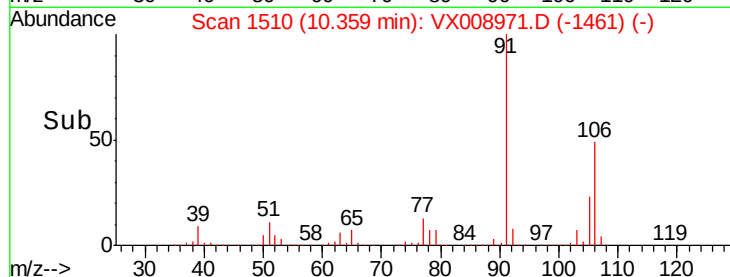
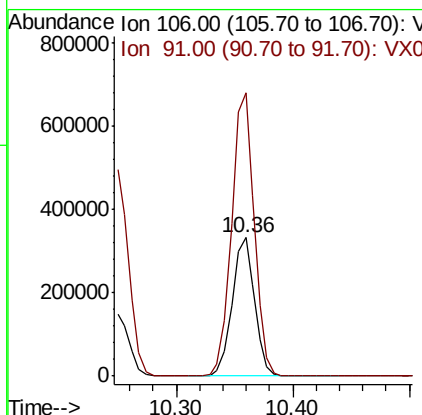
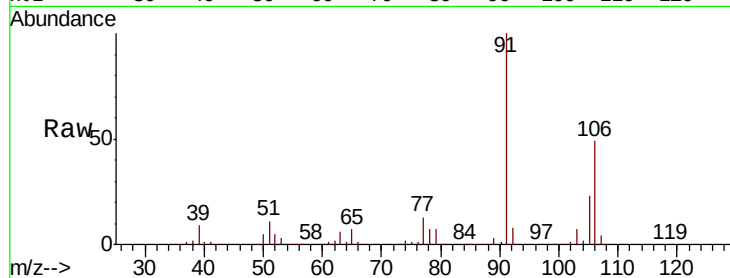




#68
m/p-Xylenes
Concen: 106.384 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008971.D
Acq: 15 Apr 2019 19:29

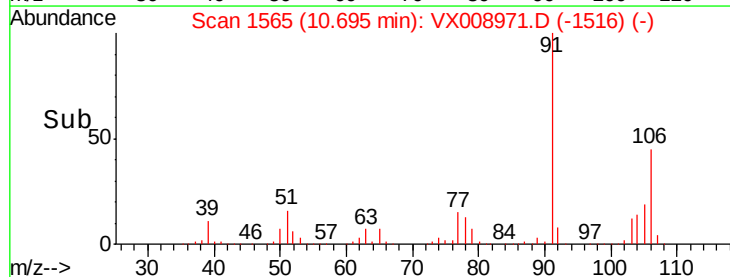
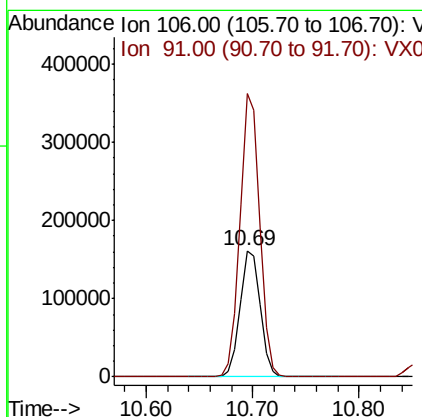
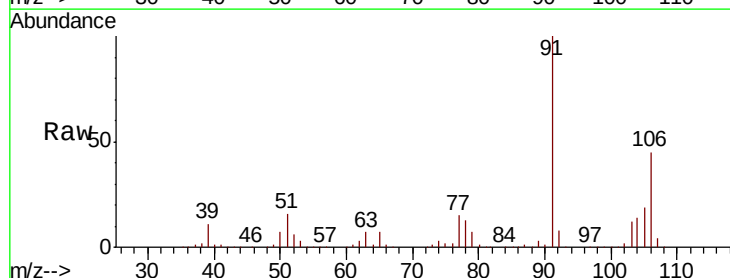
Instrument :
MSVOA_X
ClientSampleId :

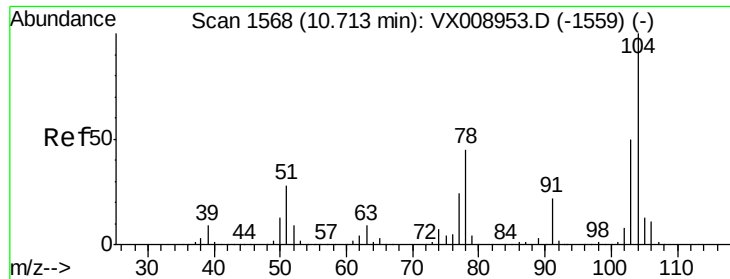
Tot Ion:106 Resp: 444573
Ion Ratio Lower Upper
106 100
91 206.6 165.4 248.2



#69
o-Xylene
Concen: 52.996 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX008971.D
Acq: 15 Apr 2019 19:29

Tgt Ion:106 Resp: 215491
Ion Ratio Lower Upper
106 100
91 219.9 108.9 326.7





#70

Stvrene

Concen: 52.099 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX008971.D

Acq: 15 Apr 2019 19:29

Instrument :

MSVOA_X

ClientSampleId :

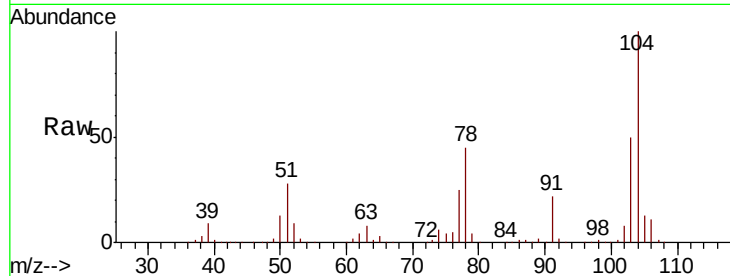
Tot Ion:104 Resp: 367109

Ion Ratio Lower Upper

104 100

78 52.0 41.2 61.8

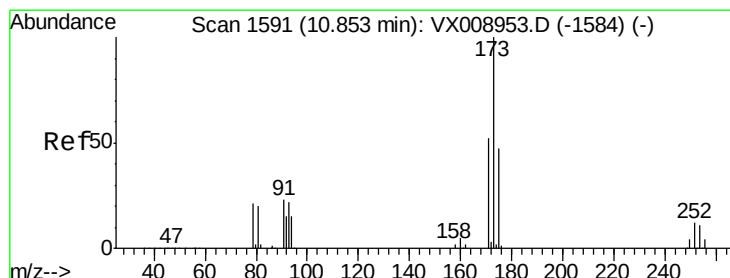
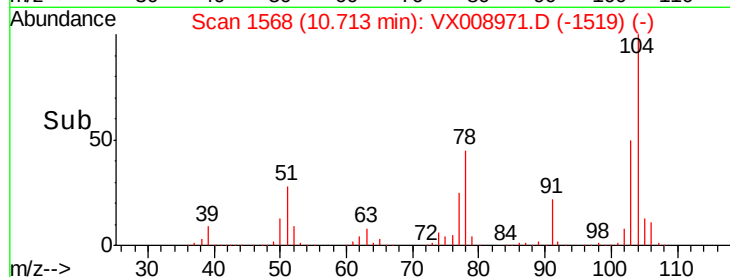
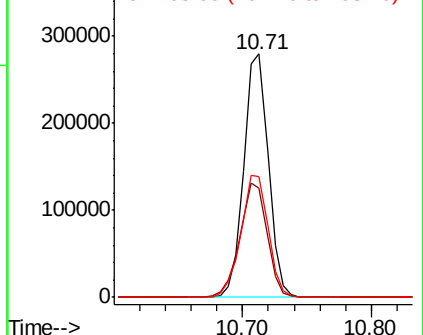
103 55.7 43.9 65.9



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: 54.187 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008971.D

Acq: 15 Apr 2019 19:29

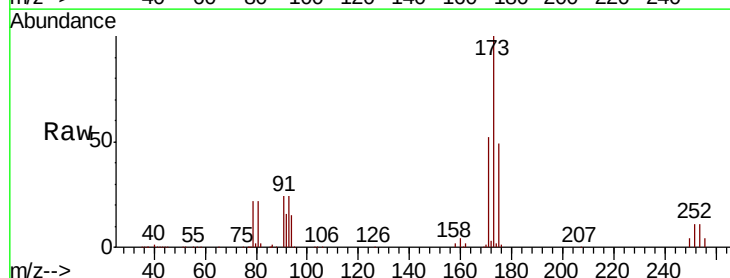
Tgt Ion:173 Resp: 95663

Ion Ratio Lower Upper

173 100

175 48.9 23.9 71.8

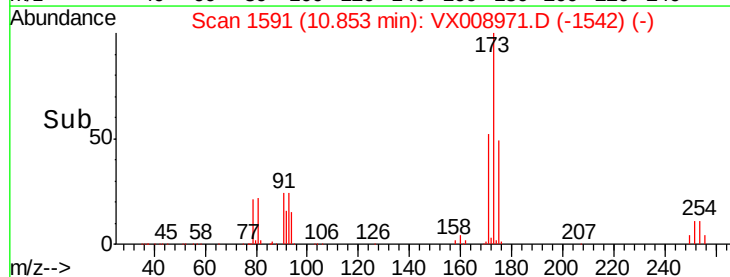
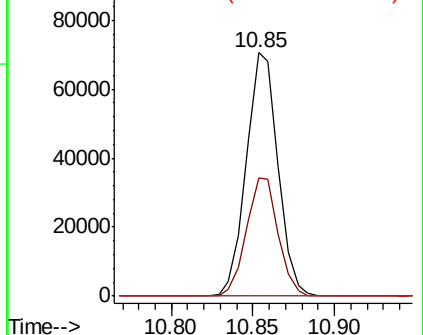
254 0.1 0.2 0.4#

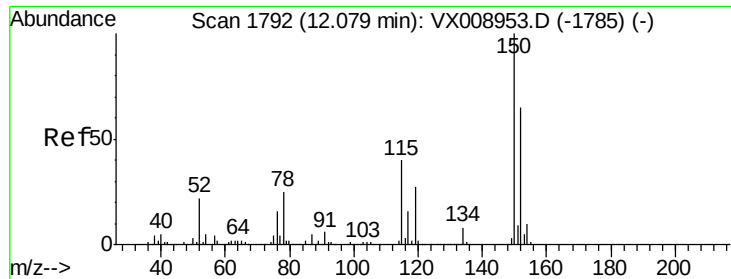


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V

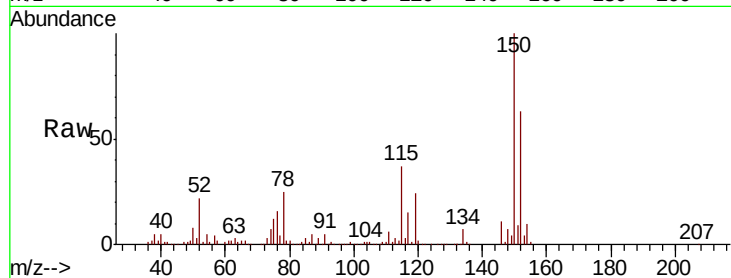




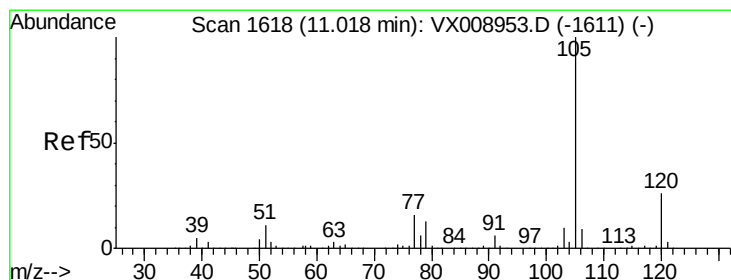
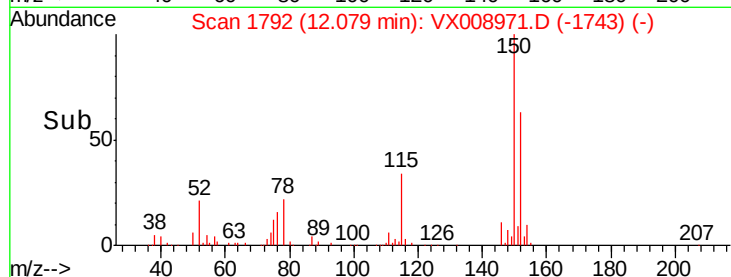
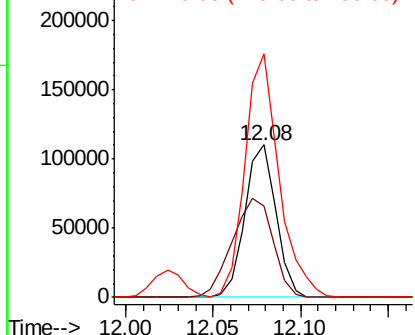
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX008971.D
 Acq: 15 Apr 2019 19:29

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:152 Resp: 136535
 Ion Ratio Lower Upper
 152 100
 115 84.4 41.4 124.2
 150 174.4 0.0 349.8

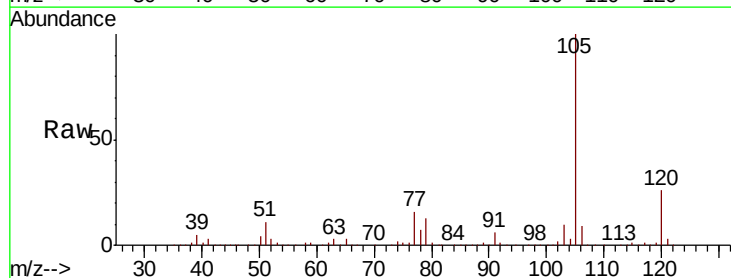


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

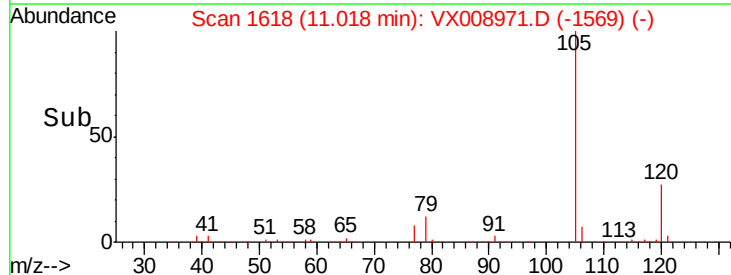
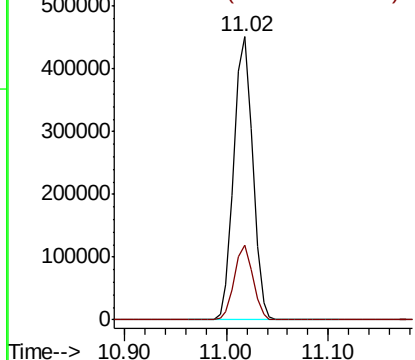


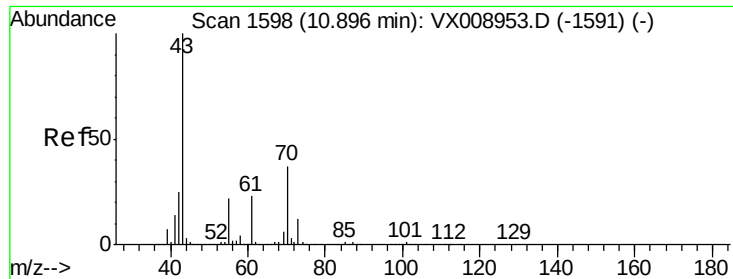
#73
 Isopropylbenzene
 Concen: 55.468 ug/l
 RT: 11.02 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: VX008971.D
 Acq: 15 Apr 2019 19:29

Tgt Ion:105 Resp: 574047
 Ion Ratio Lower Upper
 105 100
 120 25.9 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 52.289 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008971.D

Acq: 15 Apr 2019 19:29

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 310717

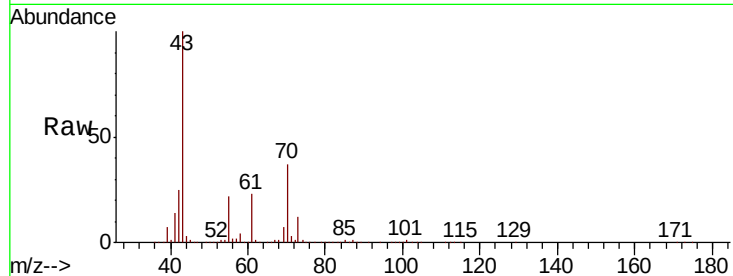
Ion Ratio Lower Upper

43 100

70 37.2 29.9 44.9

55 22.4 17.8 26.8

61 22.9 18.3 27.5

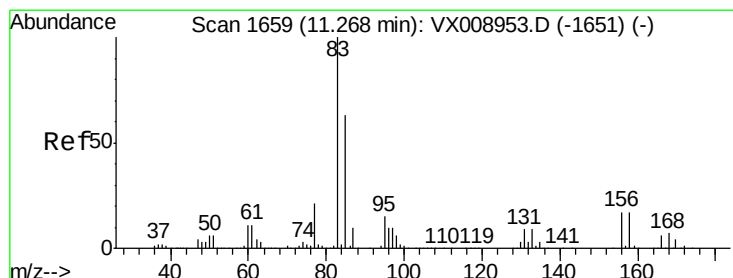
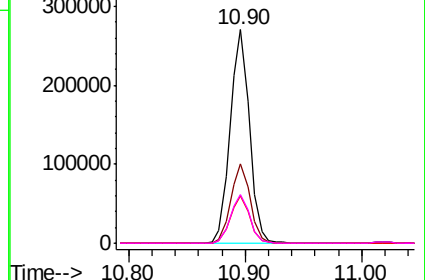
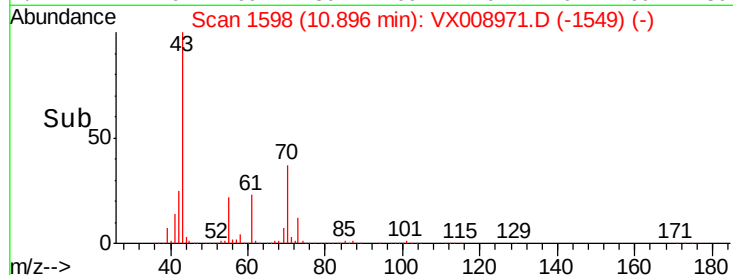


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 53.699 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008971.D

Acq: 15 Apr 2019 19:29

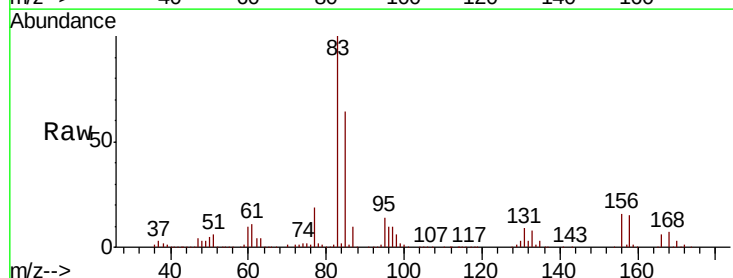
Tgt Ion: 83 Resp: 203055

Ion Ratio Lower Upper

83 100

131 9.2 4.7 14.0

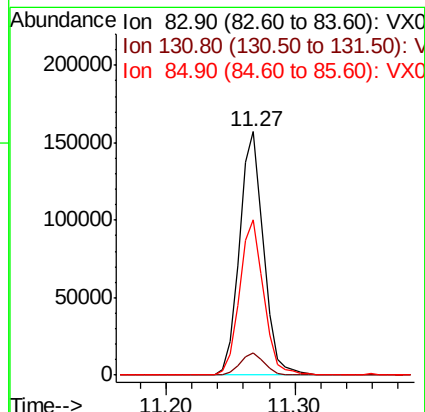
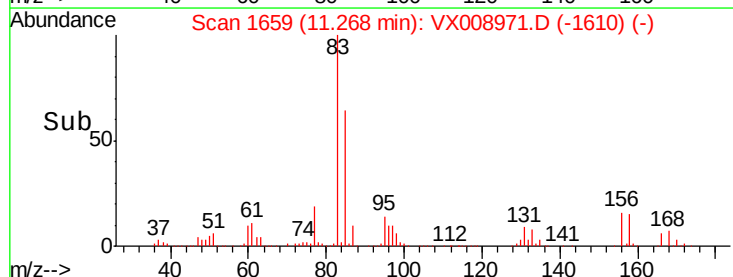
85 64.1 31.9 95.9

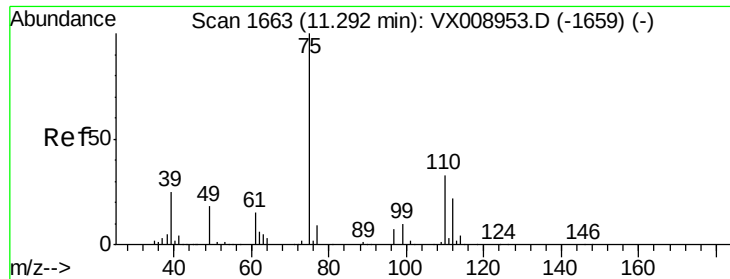


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 73.377 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX008971.D

Acq: 15 Apr 2019 19:29

Instrument :

MSVOA_X

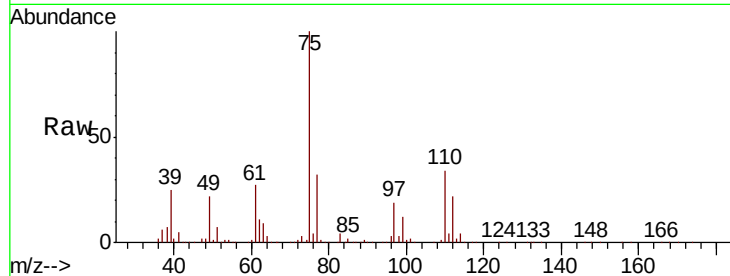
ClientSampled :

Tot Ion: 75 Resp: 244632

Ion Ratio Lower Upper

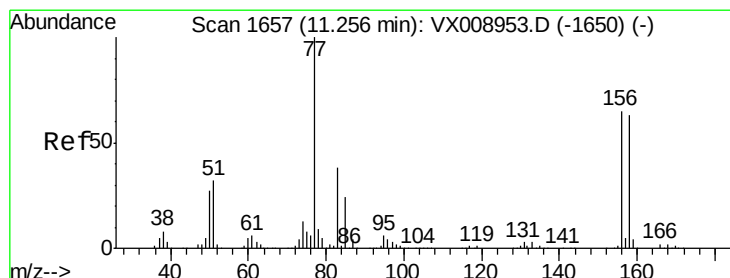
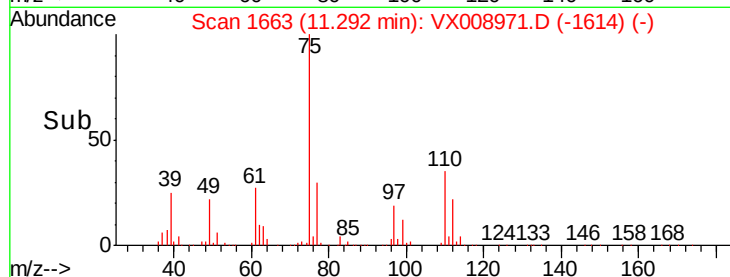
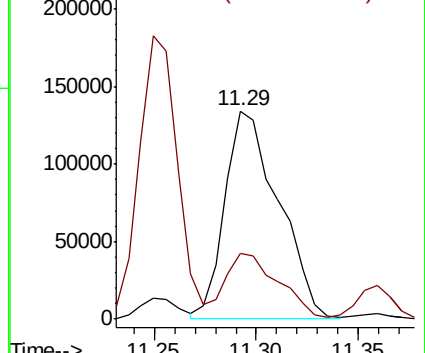
75 100

77 31.7 22.7 68.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 53.200 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008971.D

Acq: 15 Apr 2019 19:29

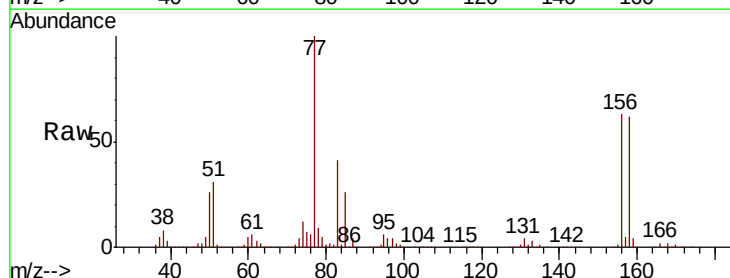
Tgt Ion: 156 Resp: 138915

Ion Ratio Lower Upper

156 100

77 170.9 85.4 256.1

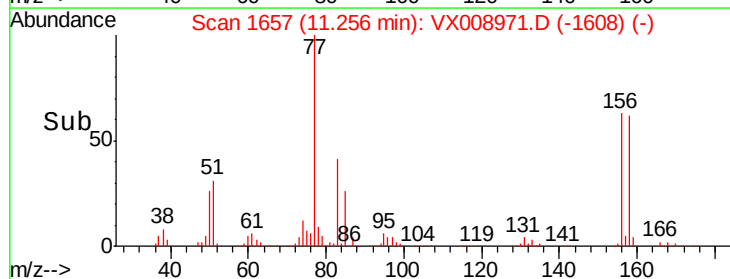
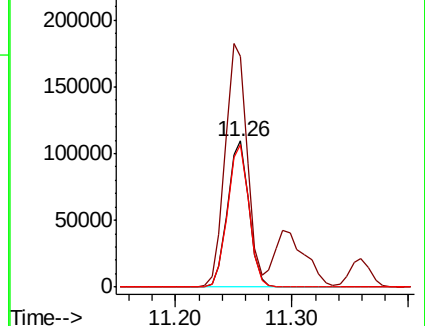
158 97.8 48.8 146.4

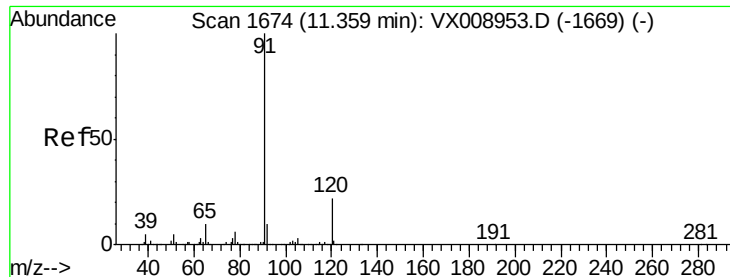


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V

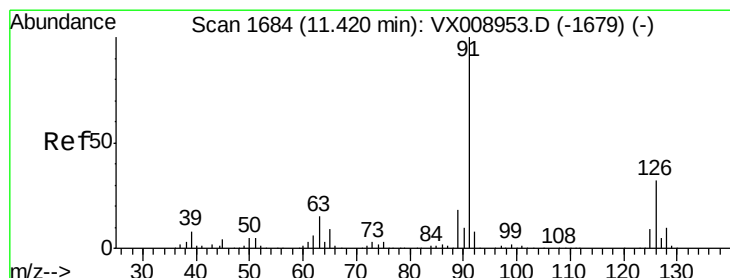
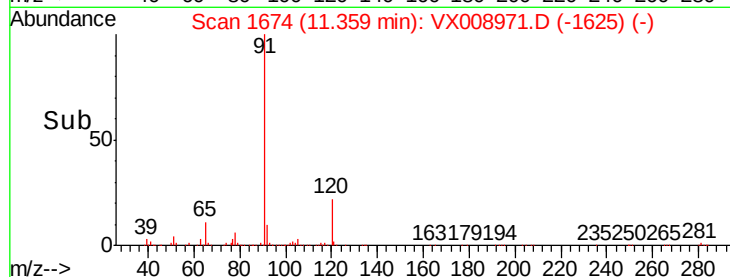
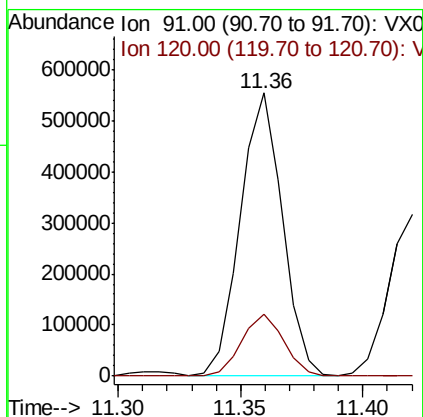
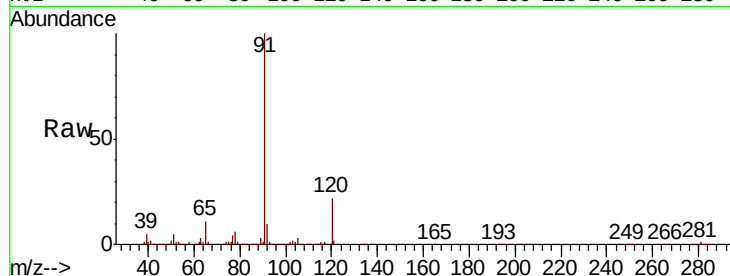




#78
n-propylbenzene
Concen: 55.482 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX008971.D
Acq: 15 Apr 2019 19:29

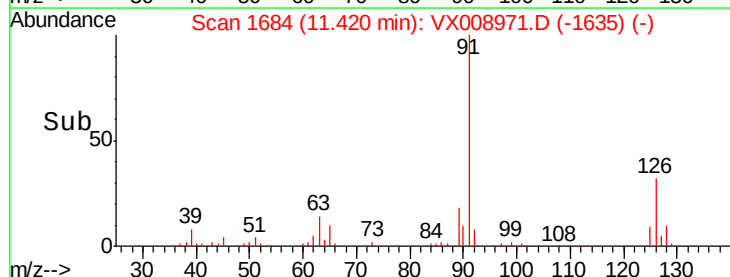
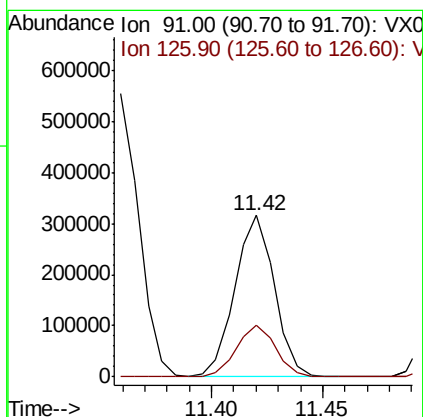
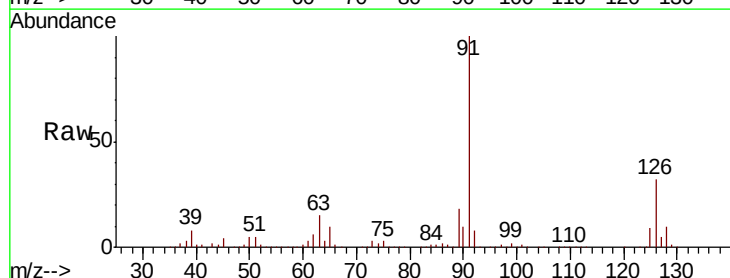
Instrument :
MSVOA_X
ClientSampleId :

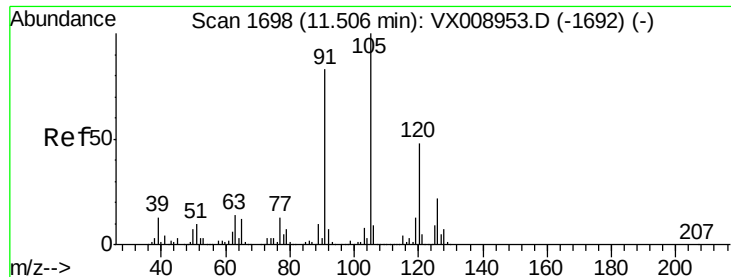
Tot Ion: 91 Resp: 659048
Ion Ratio Lower Upper
91 100
120 22.2 10.9 32.9



#79
2-Chlorotoluene
Concen: 54.355 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX008971.D
Acq: 15 Apr 2019 19:29

Tgt Ion: 91 Resp: 389075
Ion Ratio Lower Upper
91 100
126 32.2 16.3 48.9

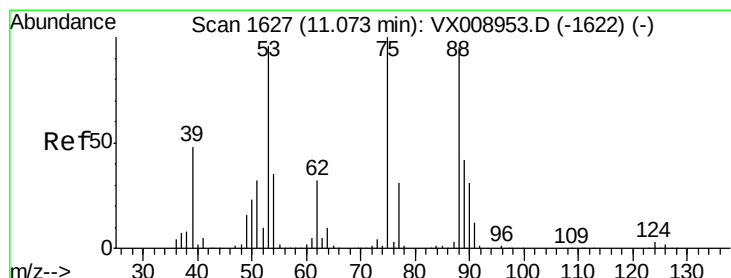
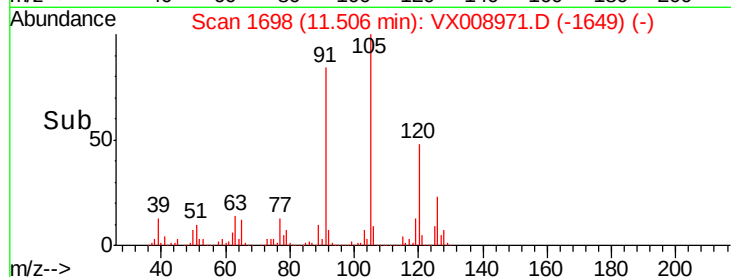
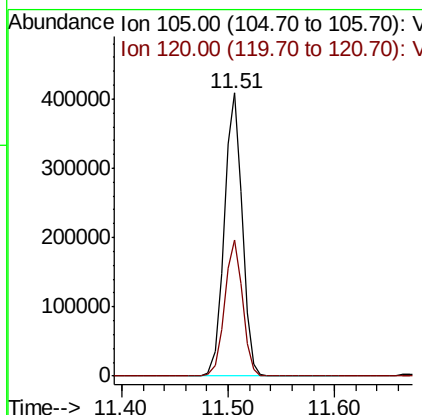
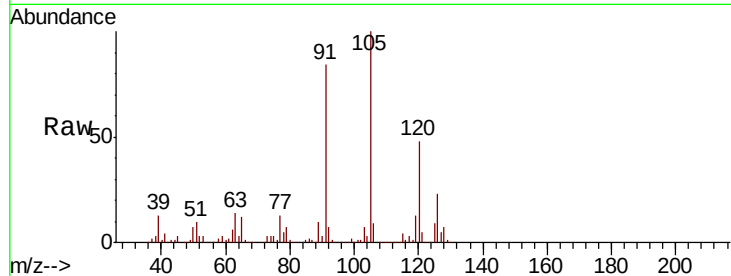




#80
 1,3,5-Trimethylbenzene
 Concen: 55.368 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008971.D
 Acq: 15 Apr 2019 19:29

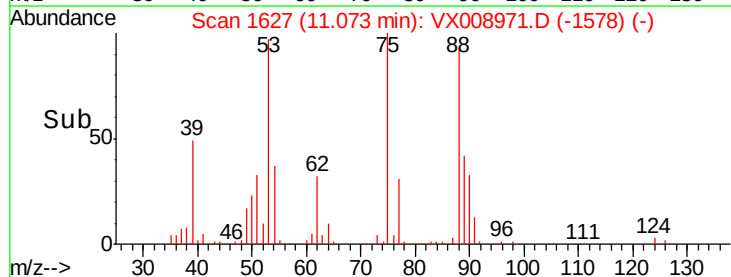
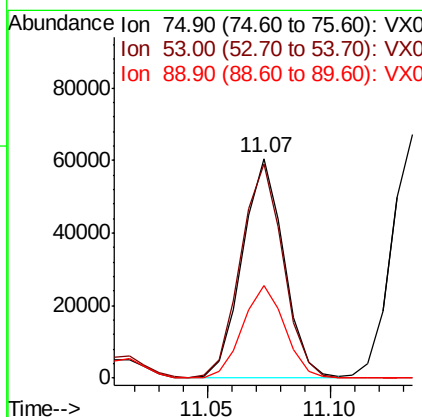
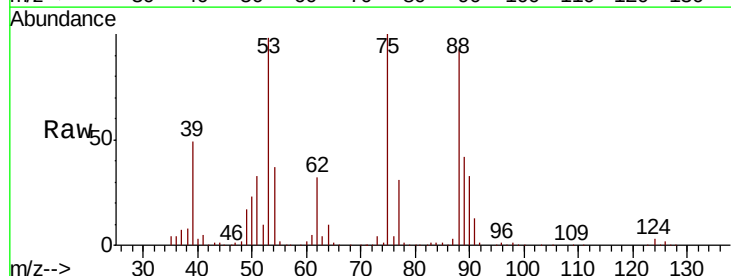
Instrument :
 MSVOA_X
 ClientSampled :

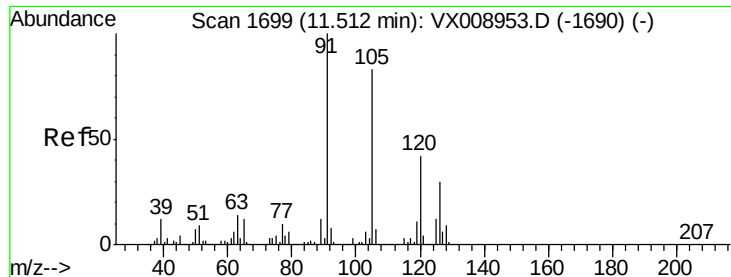
Tot Ion:105 Resp: 480849
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.1 72.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.972 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VX008971.D
 Acq: 15 Apr 2019 19:29

Tgt Ion: 75 Resp: 71388
 Ion Ratio Lower Upper
 75 100
 53 99.7 78.2 117.4
 89 42.6 36.0 54.0





#82

4-Chlorotoluene

Concen: 53.947 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX008971.D

Acq: 15 Apr 2019 19:29

Instrument :

MSVOA_X

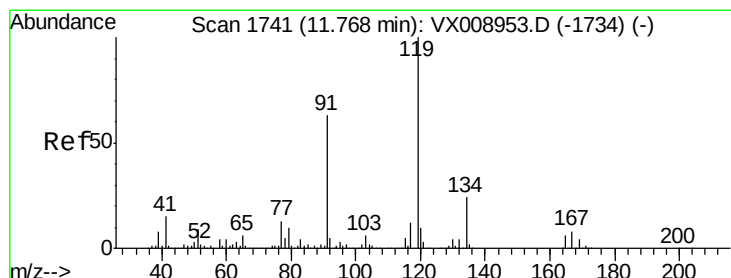
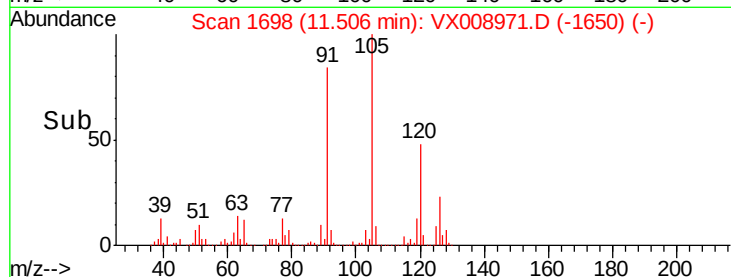
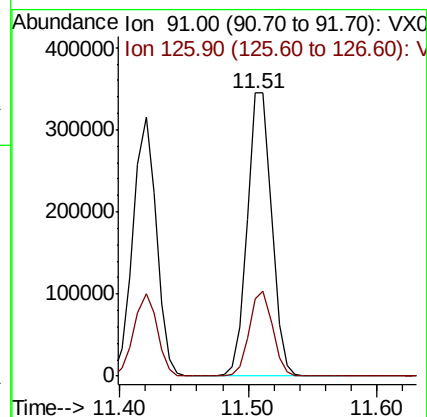
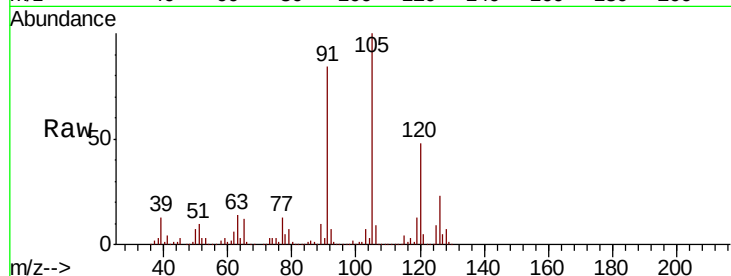
ClientSampleId :

Tot Ion: 91 Resp: 448471

Ion Ratio Lower Upper

91 100

126 28.5 14.3 42.9



#83

tert-Butylbenzene

Concen: 54.740 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX008971.D

Acq: 15 Apr 2019 19:29

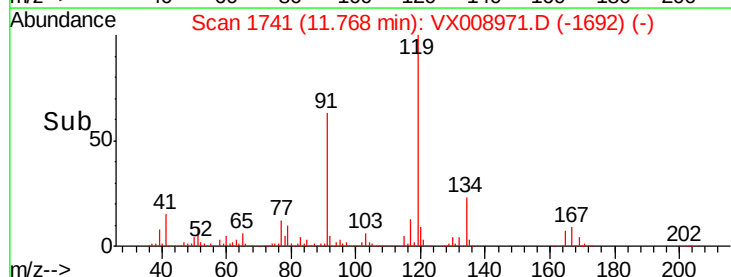
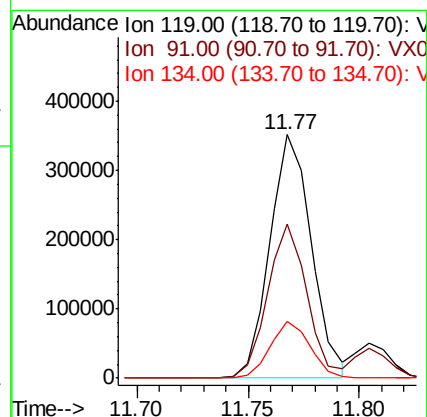
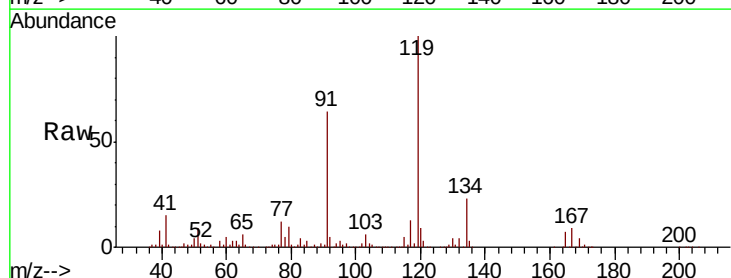
Tgt Ion: 119 Resp: 456425

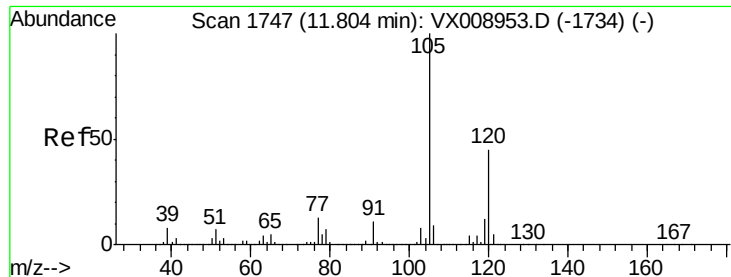
Ion Ratio Lower Upper

119 100

91 59.6 29.7 89.1

134 22.4 11.2 33.5





#84

1,2,4-Trimethylbenzene

Concen: 55.171 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX008971.D

Acq: 15 Apr 2019 19:29

Instrument :

MSVOA_X

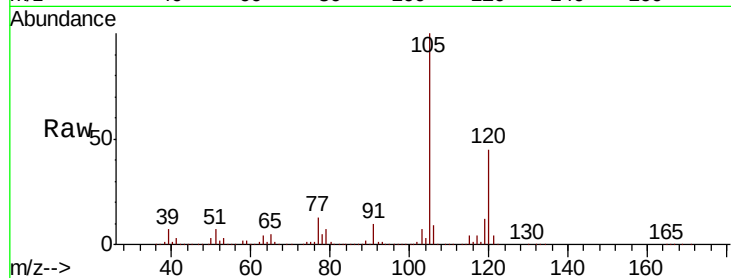
ClientSampleId :

Tot Ion:105 Resp: 487723

Ion Ratio Lower Upper

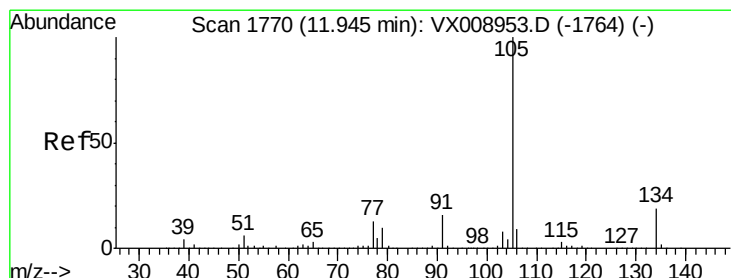
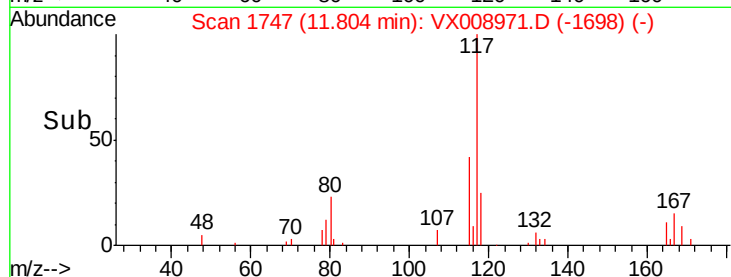
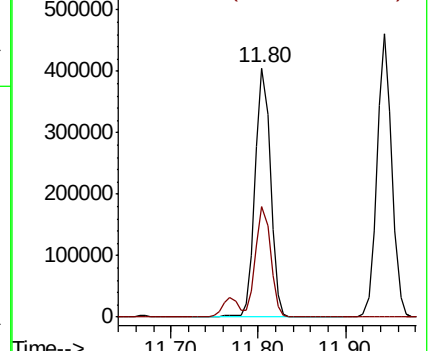
105 100

120 43.3 21.9 65.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 54.984 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008971.D

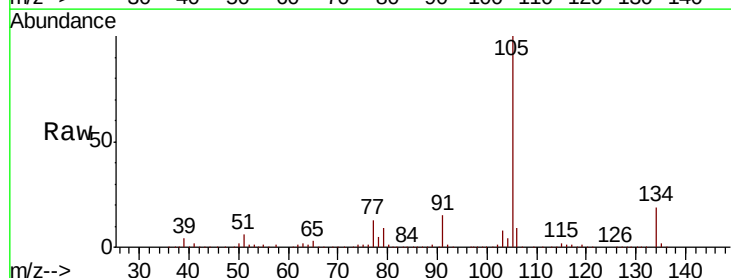
Acq: 15 Apr 2019 19:29

Tgt Ion:105 Resp: 546784

Ion Ratio Lower Upper

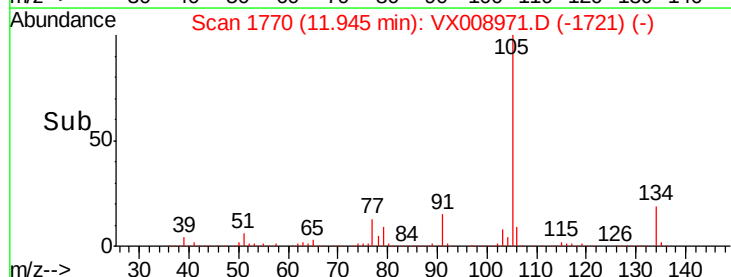
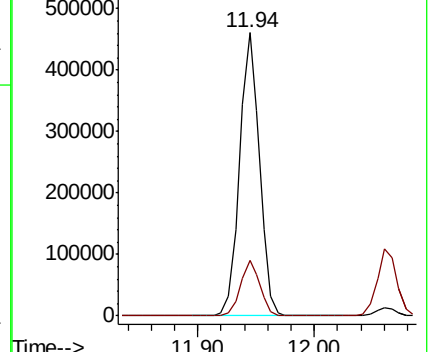
105 100

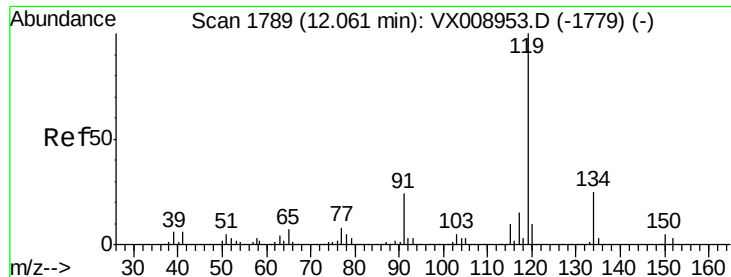
134 19.4 9.6 28.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

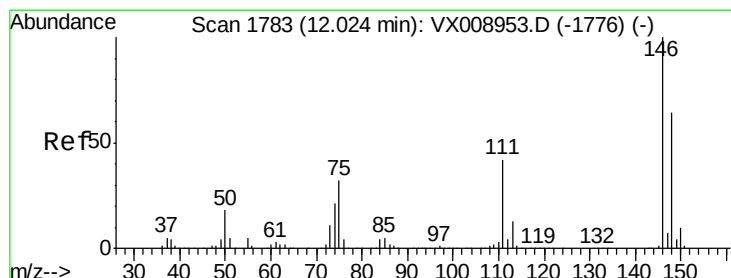
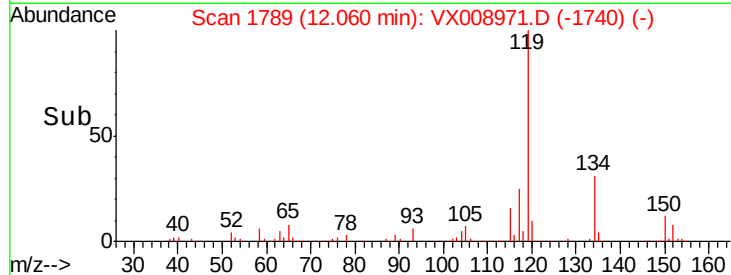
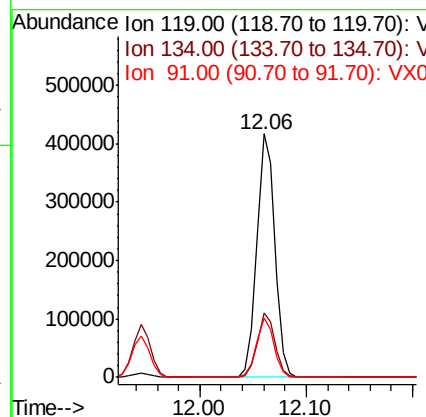
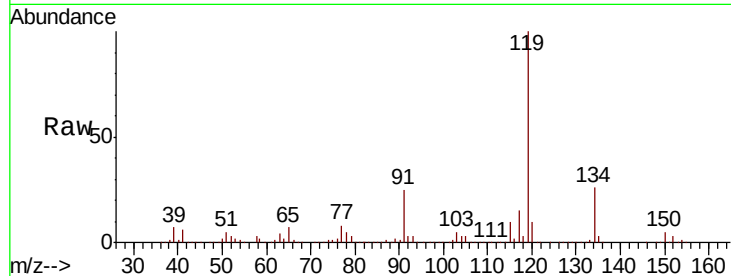




#86
 p-Isopropyltoluene
 Concen: 54.179 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008971.D
 Acq: 15 Apr 2019 19:29

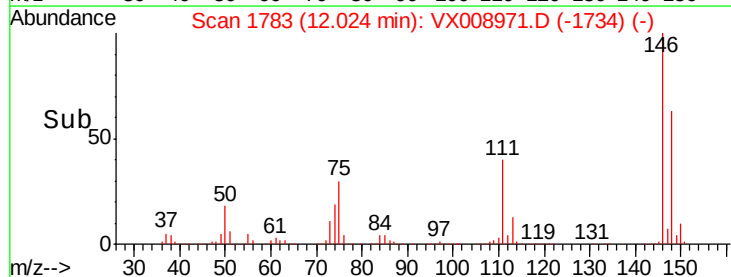
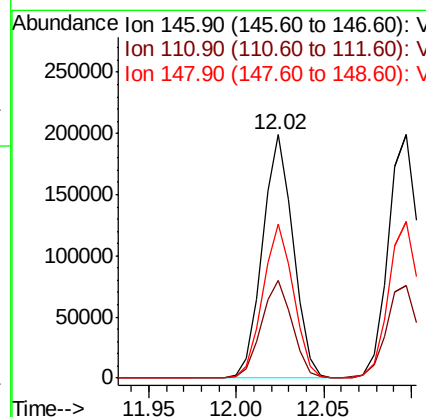
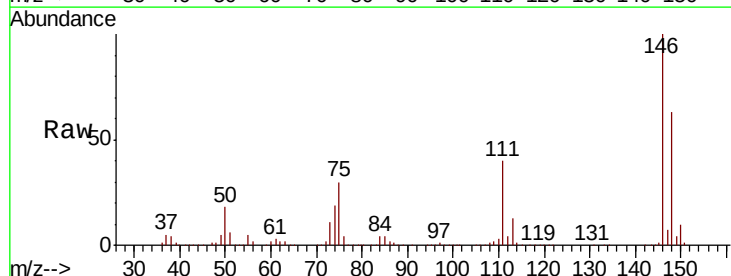
Instrument :
 MSVOA_X
 ClientSampled :

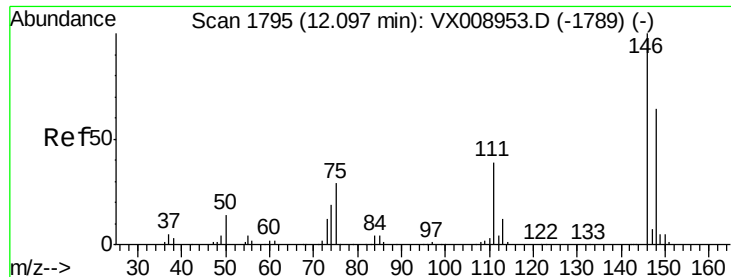
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.8	12.9	38.6
91	23.8	11.9	35.5



#87
 1,3-Dichlorobenzene
 Concen: 52.954 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008971.D
 Acq: 15 Apr 2019 19:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.5	61.6
148	63.4	32.2	96.6

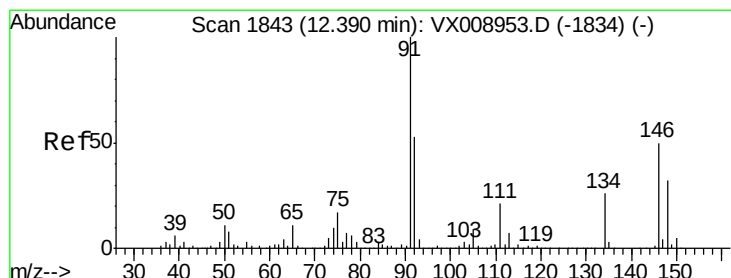
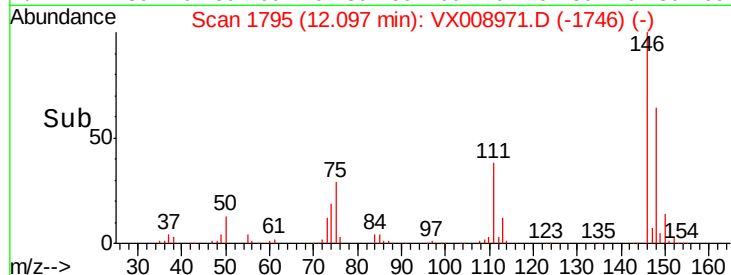
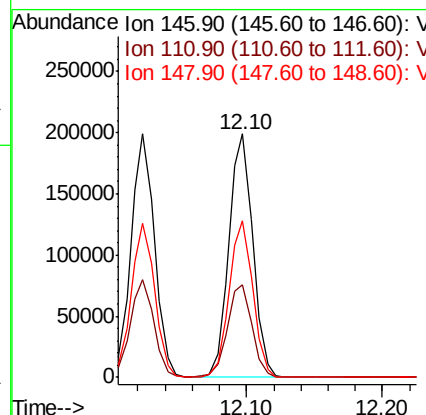
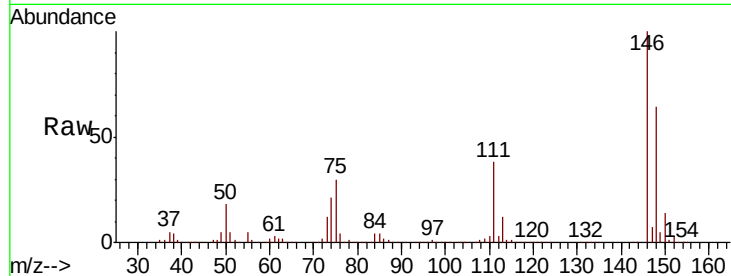




#88
 1,4-Dichlorobenzene
 Concen: 52.140 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008971.D
 Acq: 15 Apr 2019 19:29

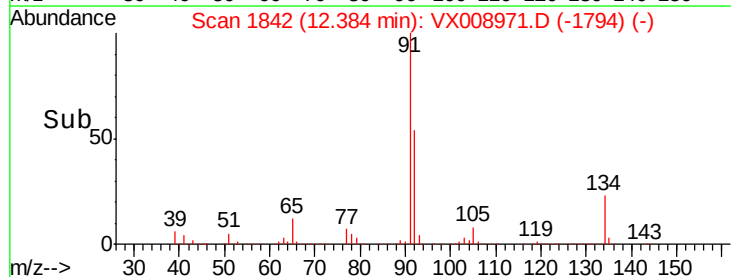
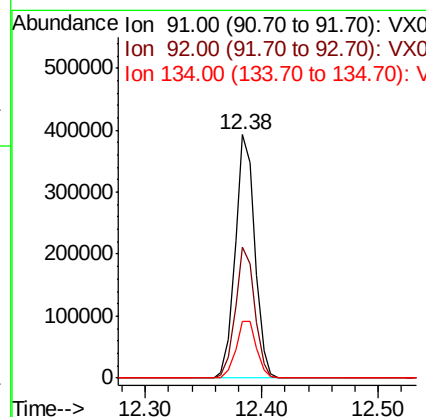
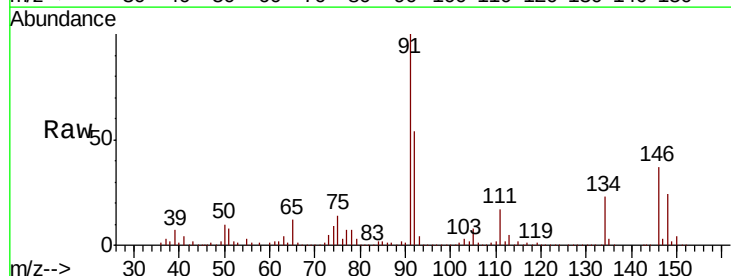
Instrument :
 MSVOA_X
 ClientSampleId :

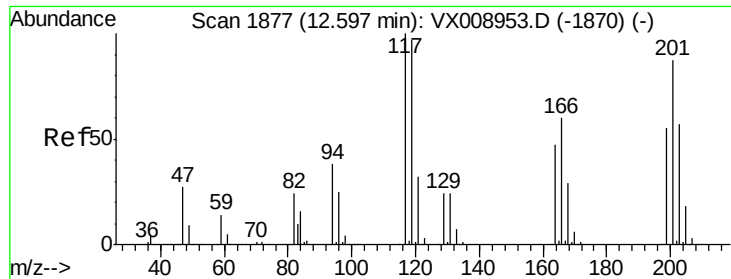
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	20.0	59.9
148	63.8	32.2	96.6



#89
 n-Butylbenzene
 Concen: 53.944 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. -0.01 min
 Lab File: VX008971.D
 Acq: 15 Apr 2019 19:29

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.6	79.8
134	24.7	12.4	37.2





#90

Hexachloroethane

Concen: 56.291 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX008971.D

Acq: 15 Apr 2019 19:29

Instrument :

MSVOA_X

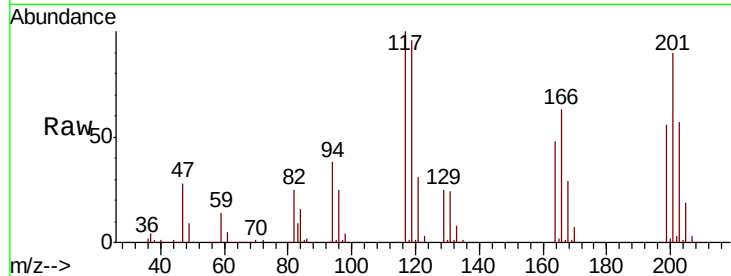
ClientSampleId :

Tot Ion:117 Resp: 84894

Ion Ratio Lower Upper

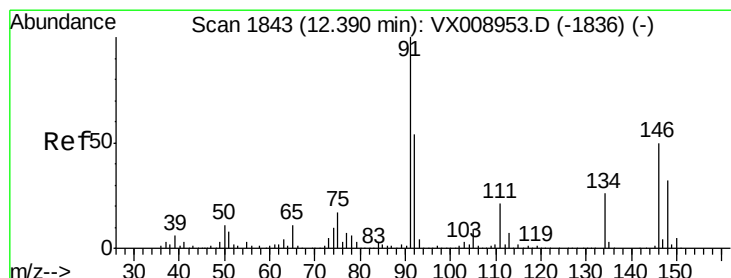
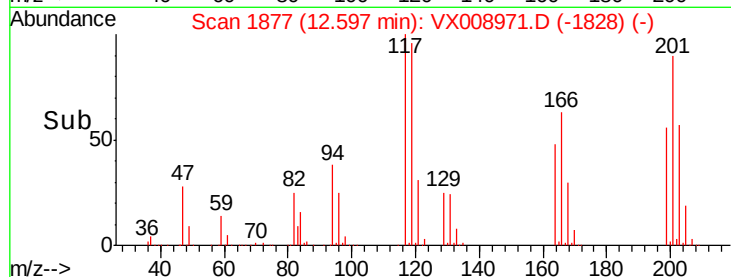
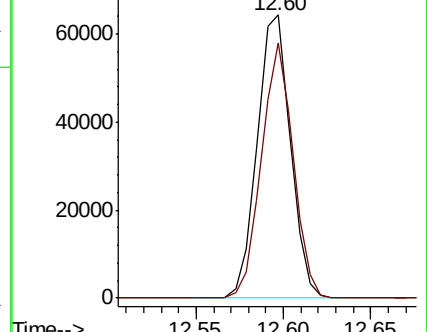
117 100

201 85.9 43.0 129.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 52.894 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008971.D

Acq: 15 Apr 2019 19:29

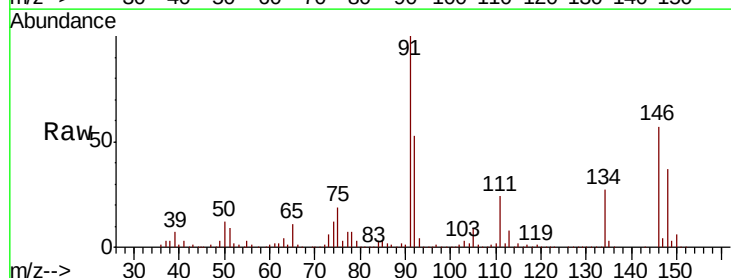
Tgt Ion:146 Resp: 238705

Ion Ratio Lower Upper

146 100

111 41.9 20.6 61.9

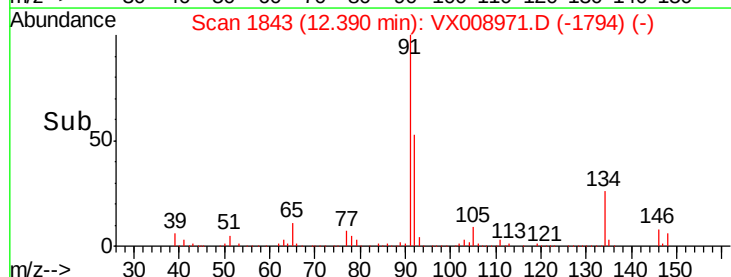
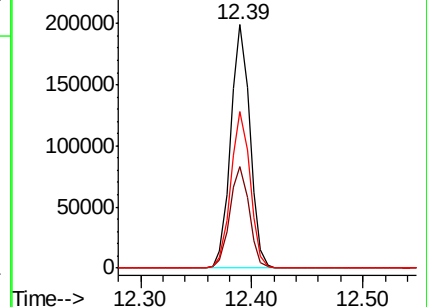
148 64.3 32.0 96.2

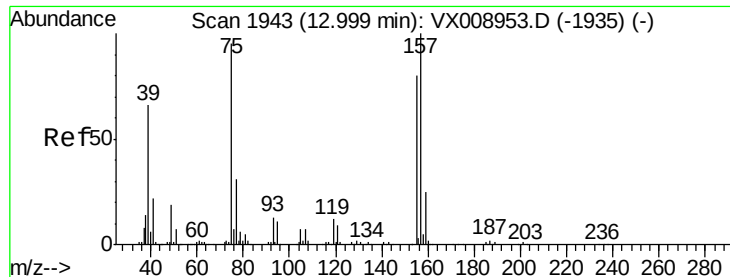


Abundance Ion 145.90 (145.60 to 146.60): V

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: 52.163 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008971.D

Acq: 15 Apr 2019 19:29

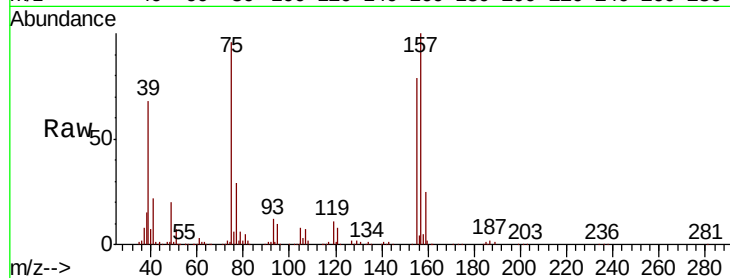
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 44910

Ion	Ratio	Lower	Upper
75	100		
155	80.3	41.2	123.6
157	102.7	52.5	157.6

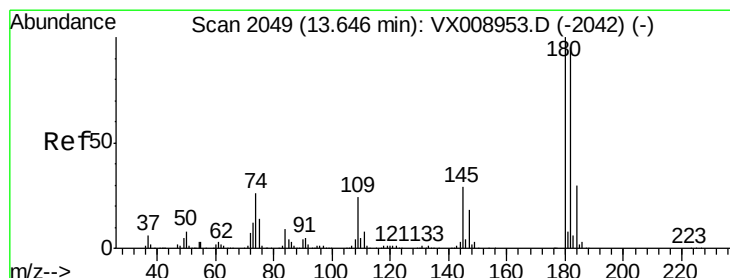
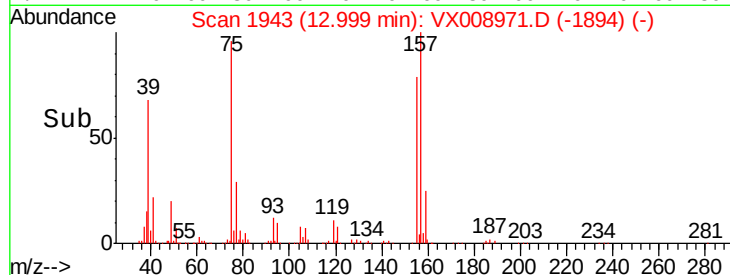
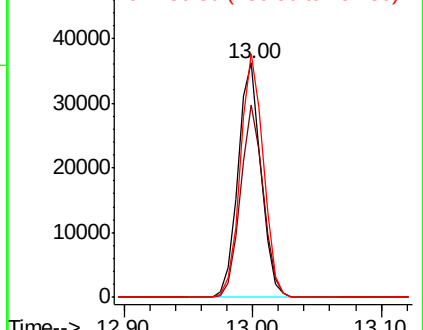


Abundance

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: 51.320 ug/l

RT: 13.65 min Scan# 2049

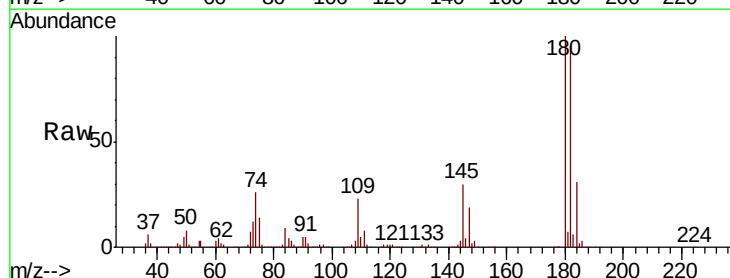
Delta R.T. -0.00 min

Lab File: VX008971.D

Acq: 15 Apr 2019 19:29

Tgt Ion: 180 Resp: 167186

Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.6	142.9
145	30.1	14.8	44.4

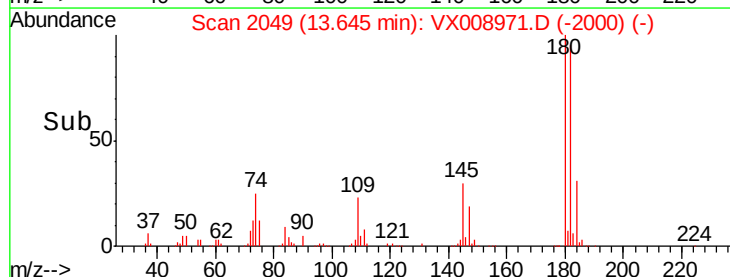
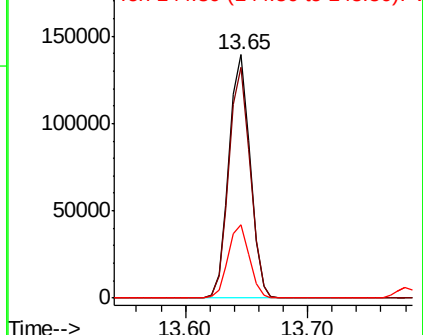


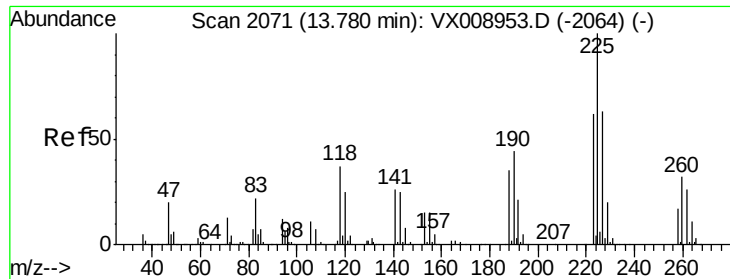
Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 50.475 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX008971.D

Acq: 15 Apr 2019 19:29

Instrument :

MSVOA_X

ClientSampleId :

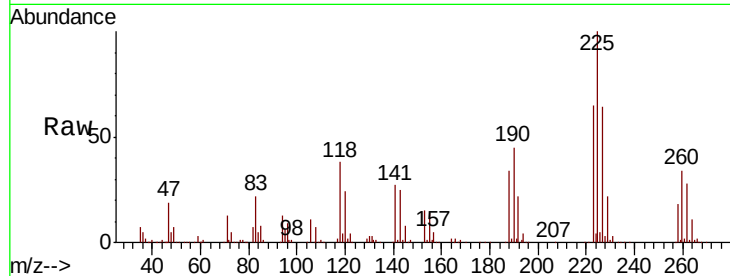
Tot Ion:225 Resp: 82011

Ion Ratio Lower Upper

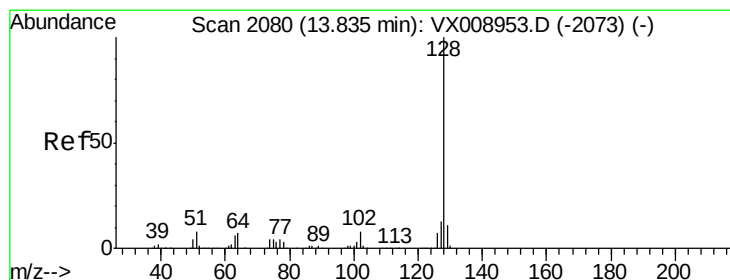
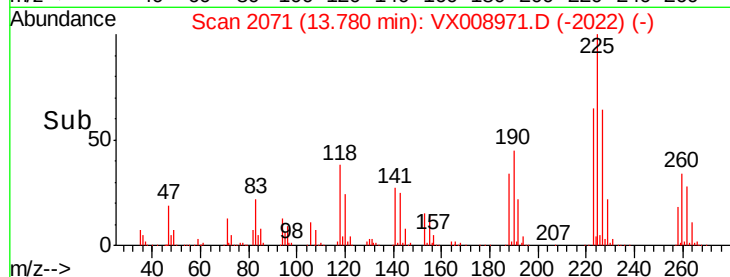
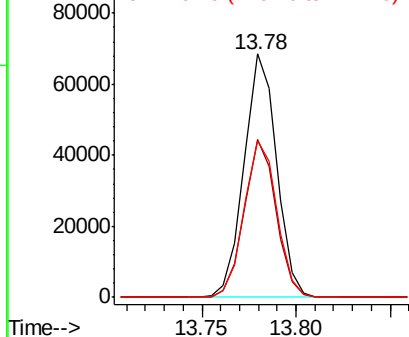
225 100

223 63.4 31.1 93.2

227 64.8 32.0 96.2



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



#95

Naphthalene

Concen: 52.481 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008971.D

Acq: 15 Apr 2019 19:29

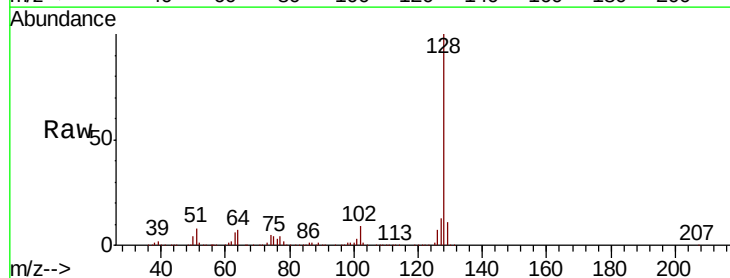
Tgt Ion:128 Resp: 547746

Ion Ratio Lower Upper

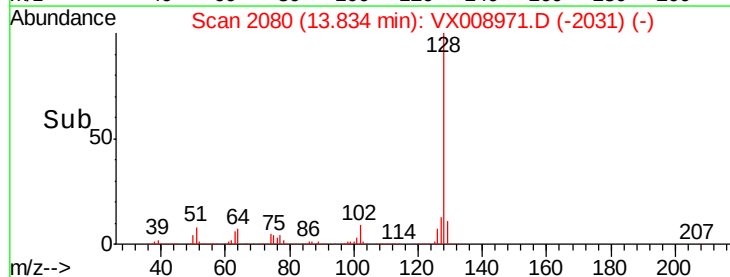
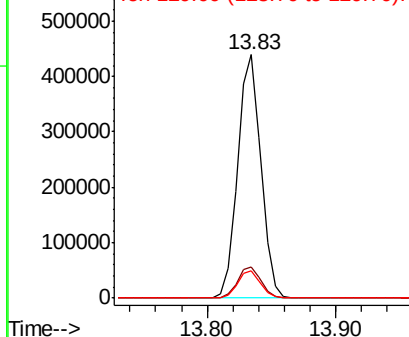
128 100

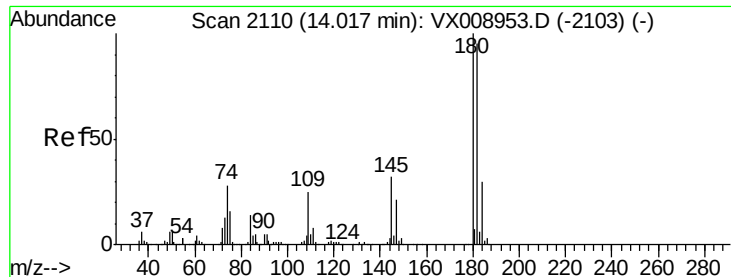
127 13.1 10.6 16.0

129 11.0 8.6 13.0



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

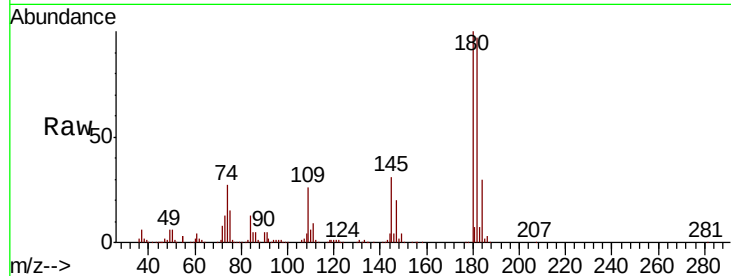




#96
 1,2,3-Trichlorobenzene
 Concen: 51.570 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX008971.D
 Acq: 15 Apr 2019 19:29

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.8	143.4
145	31.6	15.8	47.3



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

