

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX033020\
 Data File : VX015426.D
 Acq On : 30 Mar 2020 14:34
 Operator : JC/SP
 Sample : VX0330WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 31 07:53:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1102124	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1714430	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1540024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	817331	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	746635	48.03	ug/l	0.00
Spiked Amount			Recovery	=	96.06%	
35) Dibromofluoromethane	5.47	113	541368	49.40	ug/l	0.00
Spiked Amount			Recovery	=	98.80%	
50) Toluene-d8	8.70	98	1994248	49.43	ug/l	0.00
Spiked Amount			Recovery	=	98.86%	
62) 4-Bromofluorobenzene	11.12	95	815296	49.72	ug/l	0.00
Spiked Amount			Recovery	=	99.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	195450	20.129	ug/l	97
3) Chloromethane	1.31	50	220092	17.799	ug/l	97
4) Vinyl Chloride	1.39	62	213455	18.800	ug/l	97
5) Bromomethane	1.63	94	142129	22.747	ug/l	99
6) Chloroethane	1.71	64	136106	19.328	ug/l	98
7) Trichlorofluoromethane	1.92	101	306892	20.154	ug/l	98
8) Diethyl Ether	2.17	74	121148	18.863	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	201034	20.252	ug/l	99
10) Methyl Iodide	2.49	142	233594	17.454	ug/l	99
11) Tert butyl alcohol	3.00	59	286970	77.130	ug/l	100
12) 1,1-Dichloroethene	2.36	96	200545	19.274	ug/l	97
13) Acrolein	2.27	56	169956	80.190	ug/l	100
14) Allyl chloride	2.70	41	457447	18.815	ug/l	98
15) Acrylonitrile	3.11	53	642039	90.486	ug/l	99
16) Acetone	2.42	43	570447	85.420	ug/l	99
17) Carbon Disulfide	2.55	76	607088	19.126	ug/l	99
18) Methyl Acetate	2.75	43	302122	17.725	ug/l	99
19) Methyl tert-butyl Ether	3.16	73	774136	19.183	ug/l	99
20) Methylene Chloride	2.83	84	233554	18.723	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	217657	18.848	ug/l	94
22) Diisopropyl ether	3.82	45	844506	19.602	ug/l	96
23) Vinyl Acetate	3.78	43	3835692	98.335	ug/l	100
24) 1,1-Dichloroethane	3.67	63	428134	18.875	ug/l	99
25) 2-Butanone	4.63	43	921162	85.770	ug/l	99
26) 2,2-Dichloropropane	4.55	77	368204	19.776	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	250831	18.774	ug/l	97
28) Bromochloromethane	4.98	49	214845	19.838	ug/l	96
29) Tetrahydrofuran	5.09	42	596762	86.432	ug/l	99
30) Chloroform	5.18	83	408083	18.699	ug/l	98
31) Cyclohexane	5.55	56	398392	20.246	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	377309	19.104	ug/l	99
36) 1,1-Dichloropropene	5.77	75	318360	20.154	ug/l	100
37) Ethyl Acetate	4.79	43	374658	18.215	ug/l	100
38) Carbon Tetrachloride	5.75	117	330704	19.329	ug/l	94

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 31 07:53:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	376791	20.687	ug/l	97
40) Benzene	6.11	78	899156	19.432	ug/l	97
41) Methacrylonitrile	5.00	41	217367	19.038	ug/l	99
42) 1,2-Dichloroethane	6.16	62	370817	19.951	ug/l	99
43) Isopropyl Acetate	6.41	43	648871	18.688	ug/l	100
44) Trichloroethene	7.18	130	248875	19.721	ug/l	98
45) 1,2-Dichloropropane	7.49	63	247687	19.567	ug/l	100
46) Dibromomethane	7.64	93	163575	19.699	ug/l	99
47) Bromodichloromethane	7.87	83	343507	19.415	ug/l	94
48) Methyl methacrylate	7.75	41	323373	18.646	ug/l	99
49) 1,4-Dioxane	7.72	88	110204	340.628	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1853881	94.214	ug/l	99
52) Toluene	8.76	92	569623	19.967	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	399026	19.229	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	422609	19.993	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	226027	19.338	ug/l	98
56) Ethyl methacrylate	9.16	69	397376	19.291	ug/l	99
57) 1,3-Dichloropropane	9.36	76	408264	19.387	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	992331	99.041	ug/l	98
59) 2-Hexanone	9.47	43	1377457	92.721	ug/l	99
60) Dibromochloromethane	9.56	129	266956	19.007	ug/l	97
61) 1,2-Dibromoethane	9.65	107	244457	19.235	ug/l	99
64) Tetrachloroethene	9.32	164	233799	20.117	ug/l	97
65) Chlorobenzene	10.12	112	611161	19.899	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	238477	19.436	ug/l	99
67) Ethyl Benzene	10.24	91	1116858	20.503	ug/l	98
68) m/p-Xylenes	10.34	106	817903	40.324	ug/l	97
69) o-Xylene	10.68	106	399722	19.943	ug/l	97
70) Styrene	10.70	104	699545	19.834	ug/l	100
71) Bromoform	10.84	173	202404	18.121	ug/l	97
73) Isopropylbenzene	11.00	105	1068538	19.953	ug/l	99
74) N-amyl acetate	10.88	43	565490	18.986	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	344714	18.759	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	414685	24.672	ug/l	85
77) Bromobenzene	11.24	156	278017	19.463	ug/l	100
78) n-propylbenzene	11.34	91	1251002	20.429	ug/l	99
79) 2-Chlorotoluene	11.40	91	747862	19.925	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	911471	19.929	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	129439	18.479	ug/l	98
82) 4-Chlorotoluene	11.50	91	885167	20.117	ug/l	100
83) tert-Butylbenzene	11.76	119	910776	20.387	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	928421	19.920	ug/l	98
85) sec-Butylbenzene	11.93	105	1055428	20.427	ug/l	99
86) p-Isopropyltoluene	12.05	119	986249	20.562	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	493344	19.292	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	512777	19.686	ug/l	97
89) n-Butylbenzene	12.37	91	882817	20.367	ug/l	100
90) Hexachloroethane	12.58	117	183194	19.623	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	490755	19.610	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	83641	16.127	ug/l	98

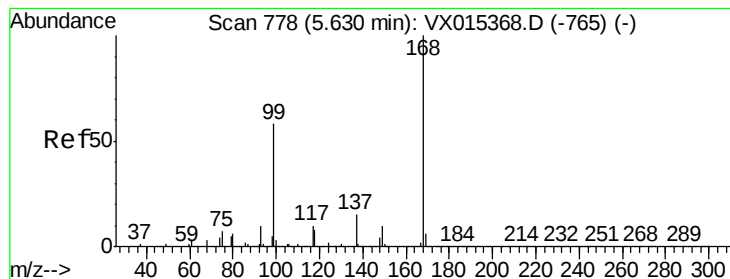
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX033020\
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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 31 07:53:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	367026	18.541	ug/l	98
94) Hexachlorobutadiene	13.77	225	172969	18.353	ug/l	98
95) Naphthalene	13.82	128	1160990	19.227	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	372969	19.569	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. 0.00 min

Lab File: VX015426.D

Acq: 30 Mar 2020 14:34

Instrument :

MSVOA_X

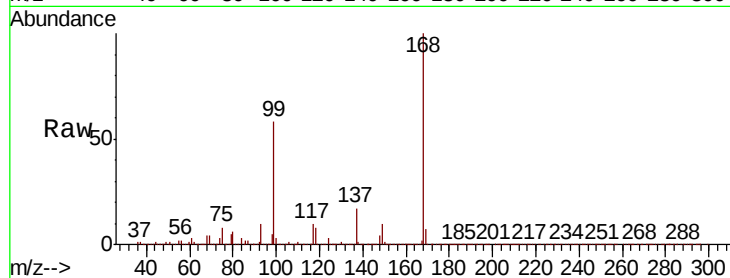
ClientSampleId :

Tot Ion:168 Resp: 1102124

Ion Ratio Lower Upper

168 100

99 57.6 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

400000

300000

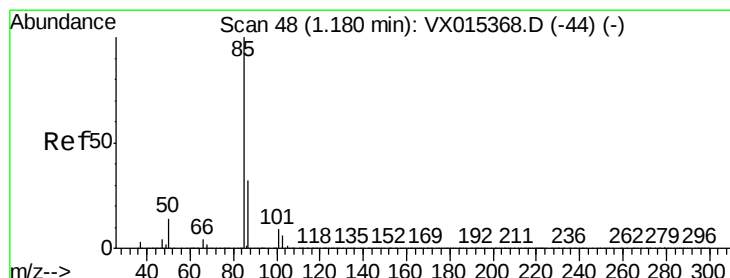
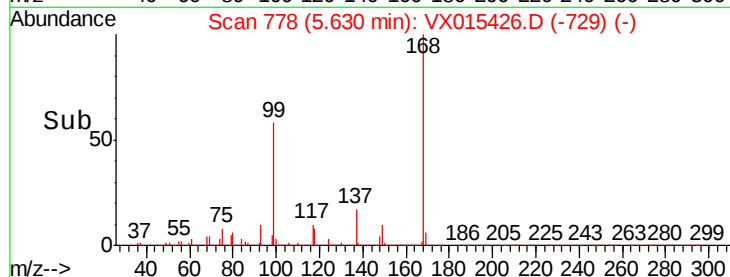
200000

100000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.129 ug/l

RT: 1.18 min Scan# 48

Delta R.T. 0.00 min

Lab File: VX015426.D

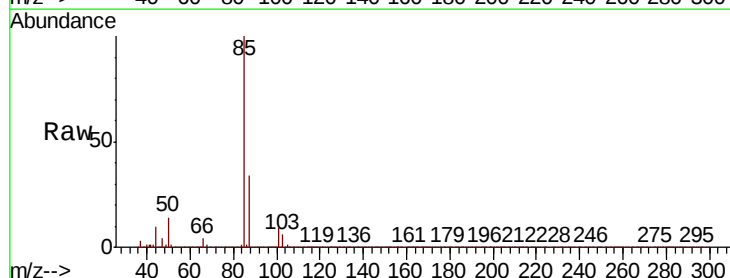
Acq: 30 Mar 2020 14:34

Tgt Ion: 85 Resp: 195450

Ion Ratio Lower Upper

85 100

87 33.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

200000

150000

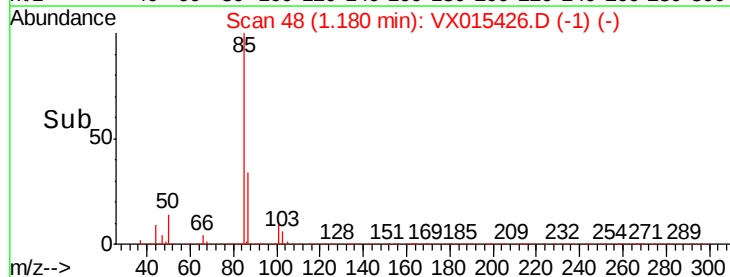
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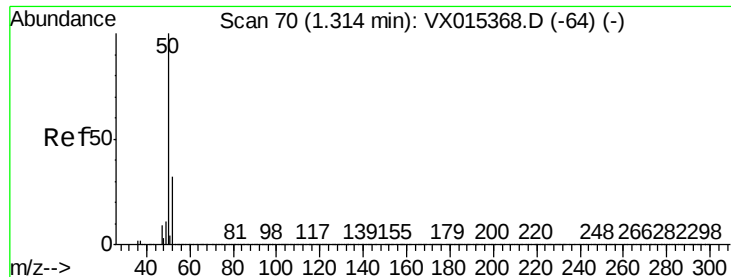
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1.10 1.15 1.20 1.25 1.30

Time-->

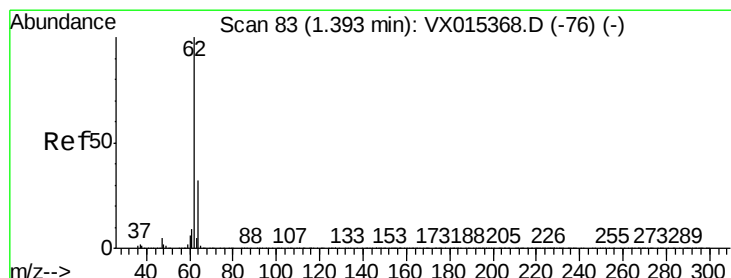
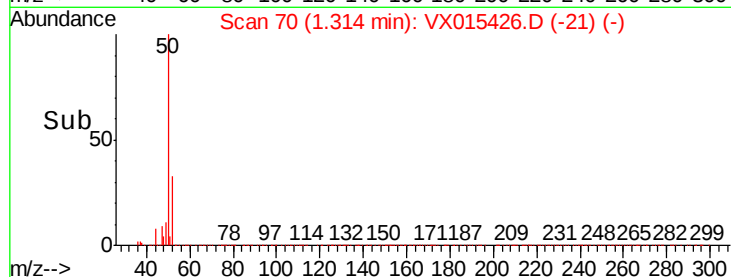
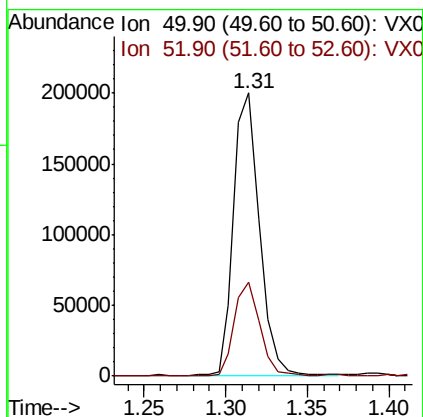
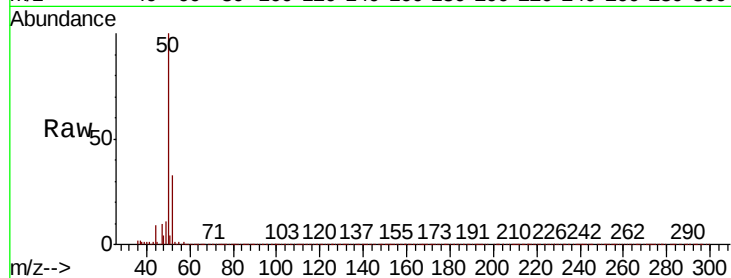




#3
Chloromethane
Concen: 17.799 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX015426.D
Acq: 30 Mar 2020 14:34

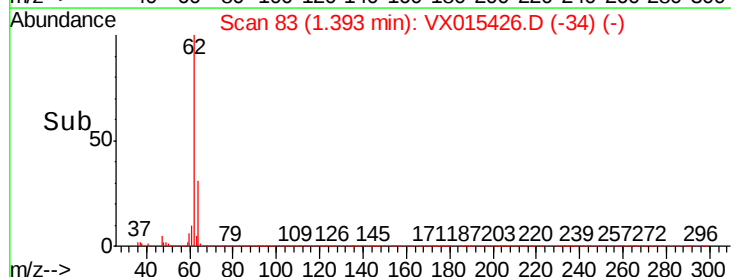
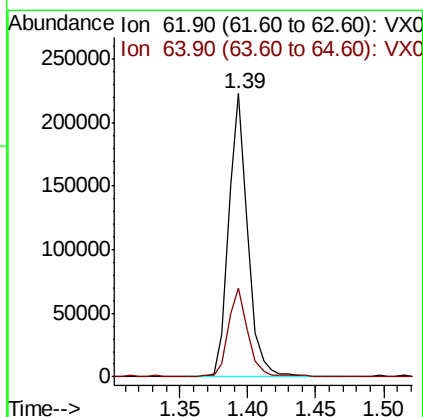
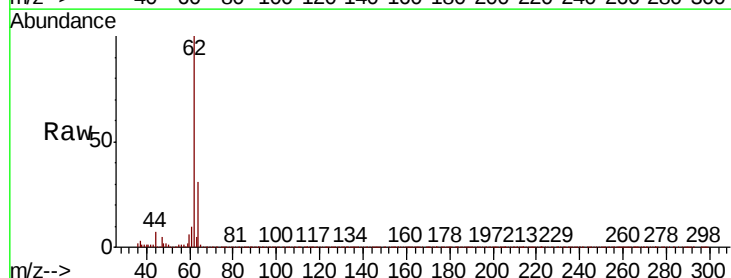
Instrument :
MSVOA_X
ClientSampleId :

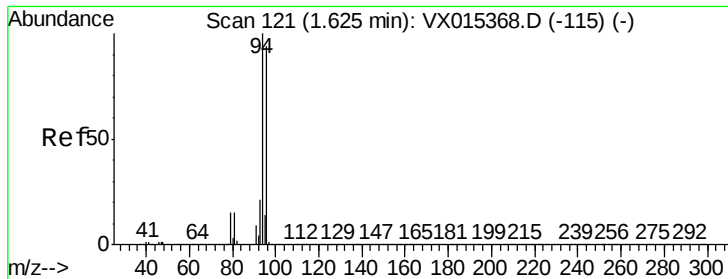
Tot Ion: 50 Resp: 220092
Ion Ratio Lower Upper
50 100
52 33.0 25.3 37.9



#4
Vinyl Chloride
Concen: 18.800 ug/l
RT: 1.39 min Scan# 83
Delta R.T. 0.00 min
Lab File: VX015426.D
Acq: 30 Mar 2020 14:34

Tgt Ion: 62 Resp: 213455
Ion Ratio Lower Upper
62 100
64 31.1 26.0 39.0





#5

Bromomethane

Concen: 22.747 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX015426.D

Acq: 30 Mar 2020 14:34

Instrument :

MSVOA_X

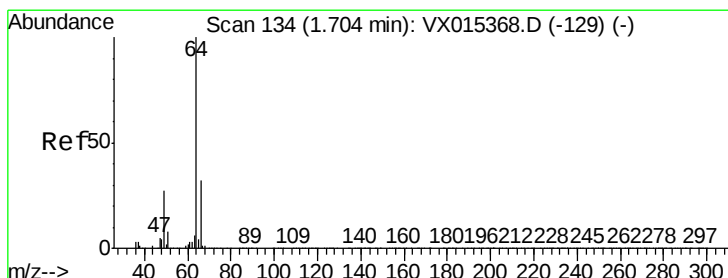
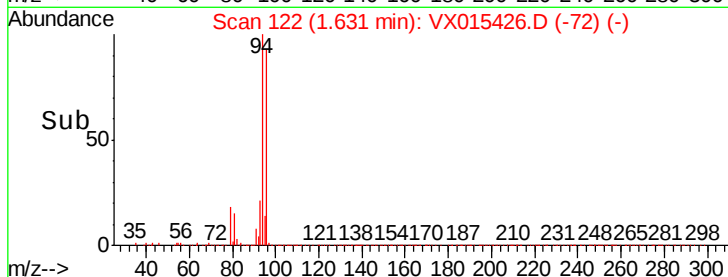
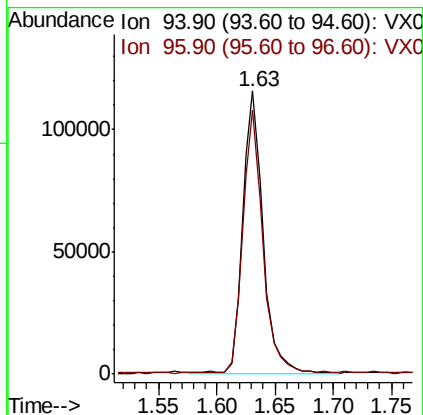
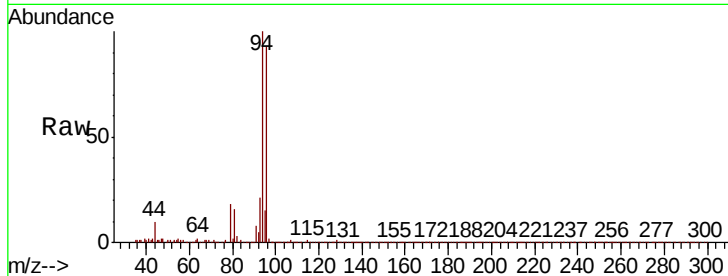
ClientSampleId :

Tot Ion: 94 Resp: 142129

Ion Ratio Lower Upper

94 100

96 92.8 74.8 112.2



#6

Chloroethane

Concen: 19.328 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015426.D

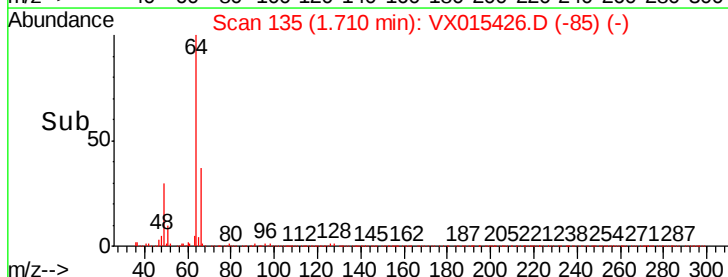
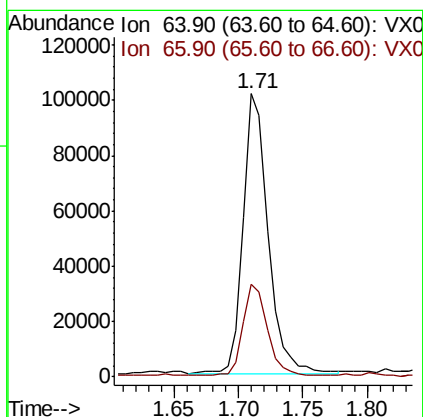
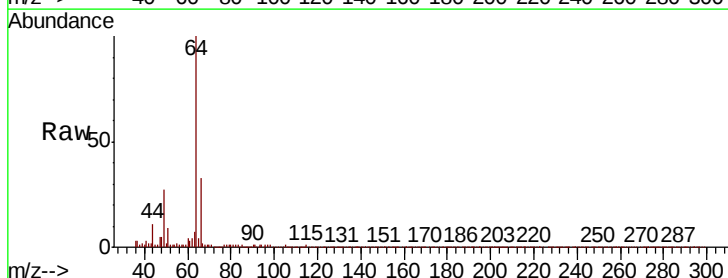
Acq: 30 Mar 2020 14:34

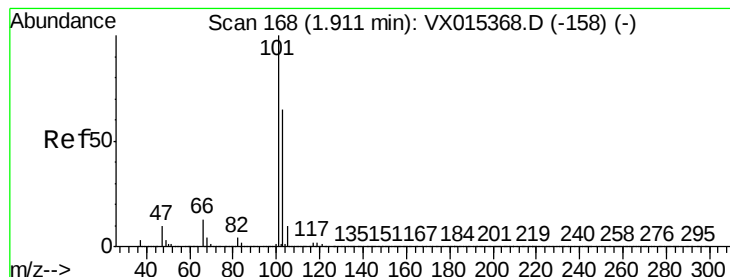
Tgt Ion: 64 Resp: 136106

Ion Ratio Lower Upper

64 100

66 32.7 25.4 38.2



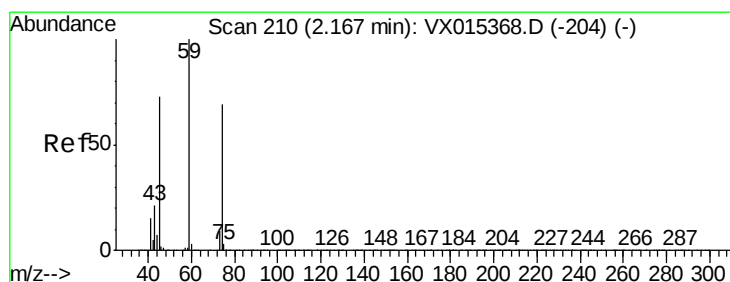
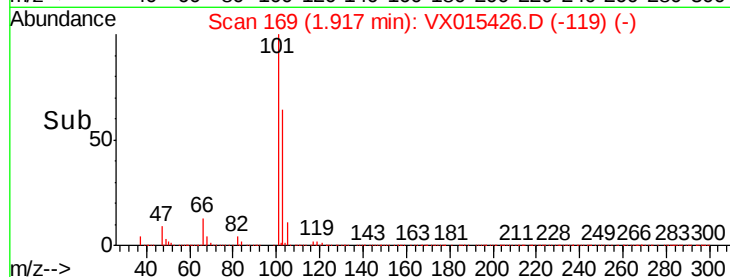
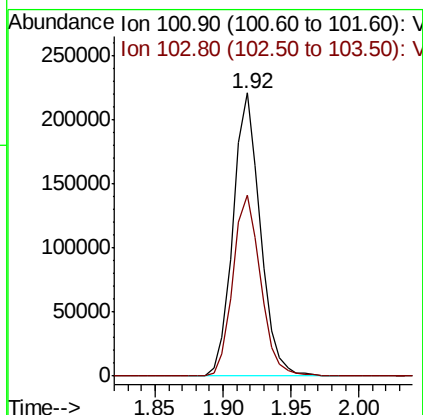
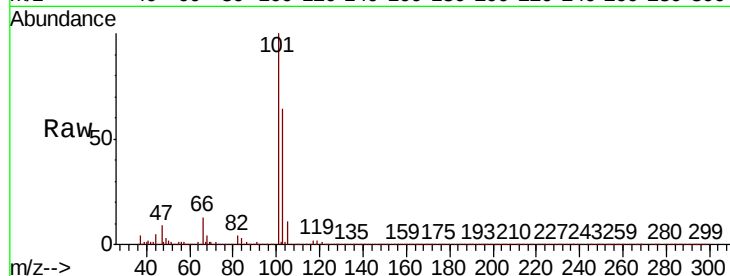


#7

Trichlorofluoromethane
Concen: 20.154 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015426.D
Acq: 30 Mar 2020 14:34

Instrument :
MSVOA_X
ClientSampleId :

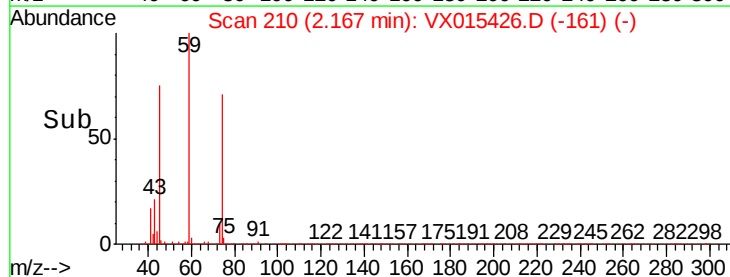
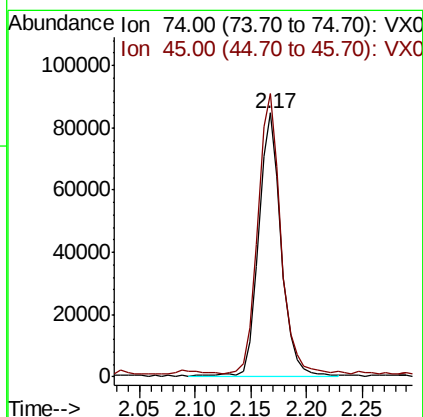
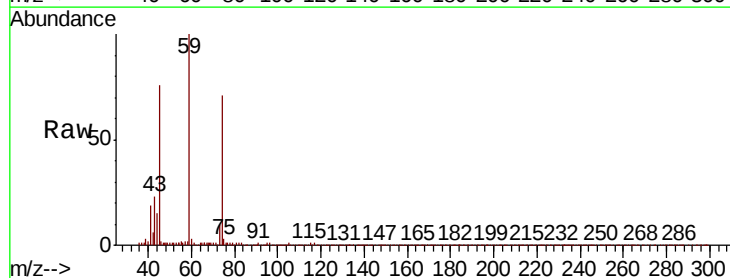
Tot Ion:101 Resp: 306892
Ion Ratio Lower Upper
101 100
103 63.6 52.3 78.5

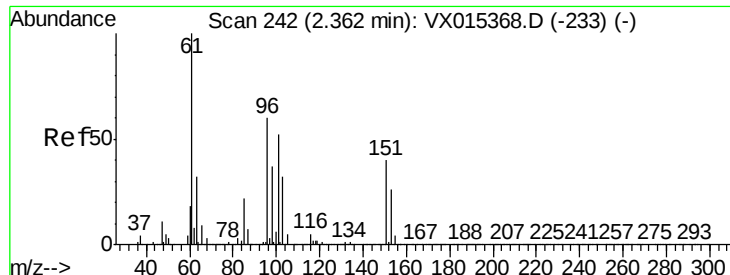


#8

Diethyl Ether
Concen: 18.863 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015426.D
Acq: 30 Mar 2020 14:34

Tgt Ion: 74 Resp: 121148
Ion Ratio Lower Upper
74 100
45 106.0 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.252 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015426.D

Acq: 30 Mar 2020 14:34

Instrument :

MSVOA_X

ClientSampled :

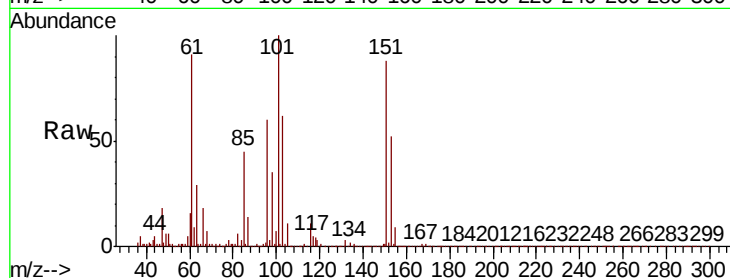
Tot Ion:101 Resp: 201034

Ion Ratio Lower Upper

101 100

85 44.3 35.0 52.4

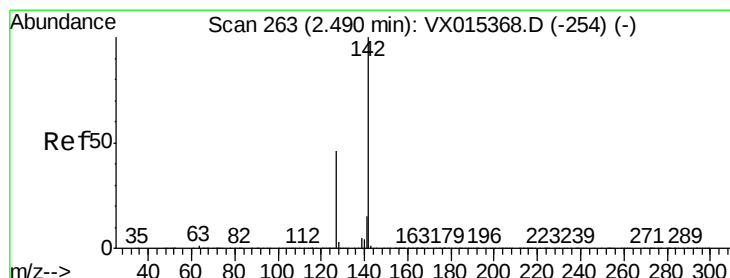
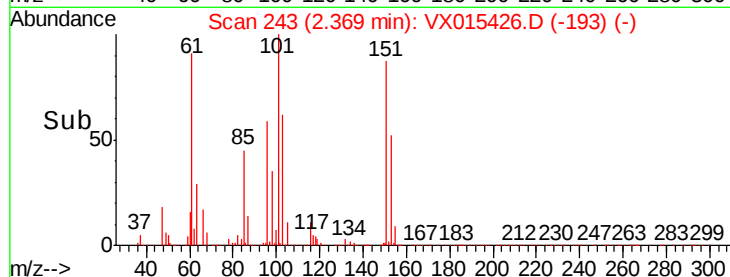
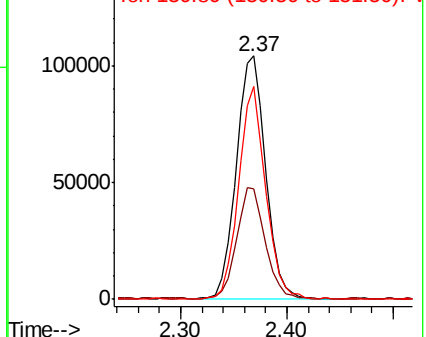
151 80.6 64.1 96.1



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: 17.454 ug/l

RT: 2.49 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX015426.D

Acq: 30 Mar 2020 14:34

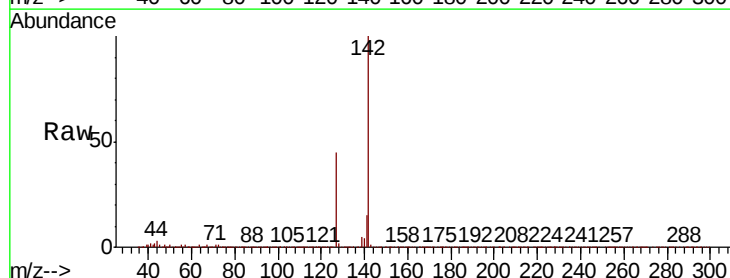
Tgt Ion:142 Resp: 233594

Ion Ratio Lower Upper

142 100

127 44.4 35.9 53.9

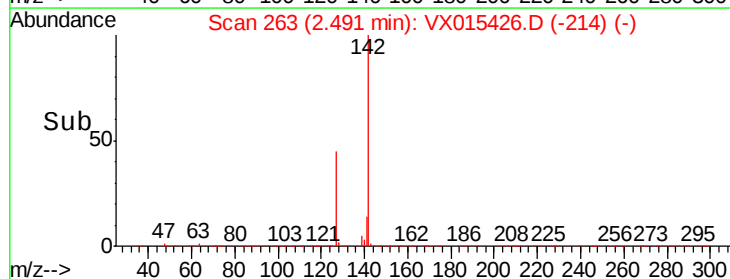
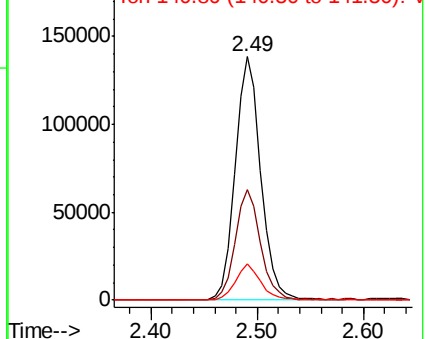
141 14.5 11.6 17.4

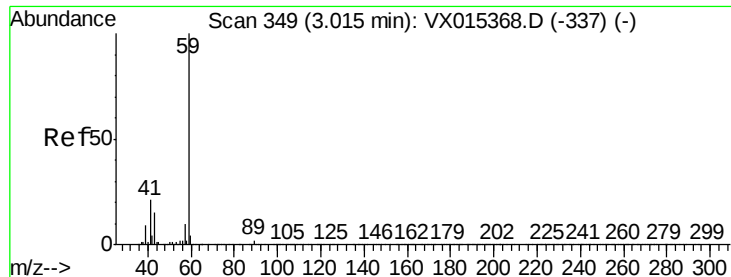


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



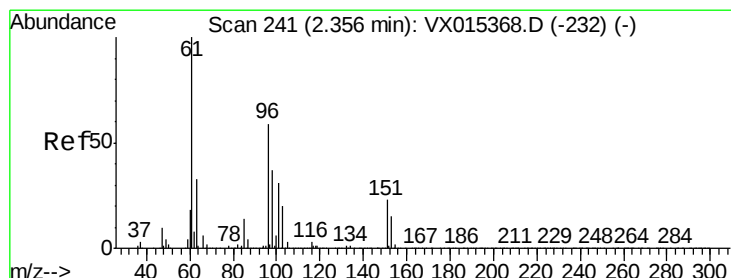
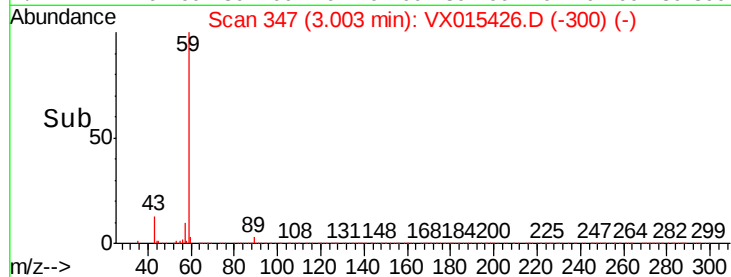
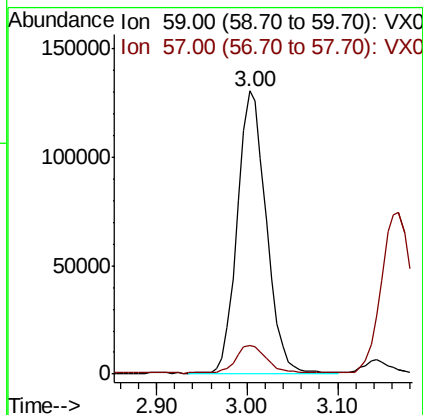
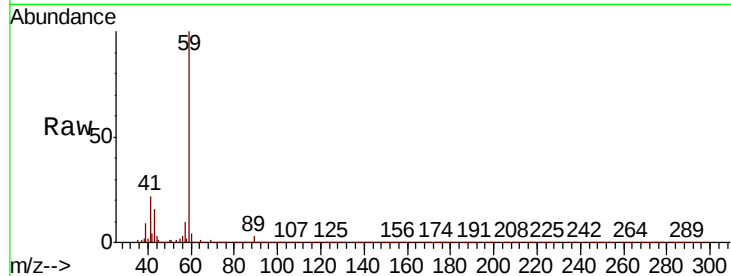


#11

Tert butyl alcohol
Concen: 77.130 ug/l
RT: 3.00 min Scan# 347
Delta R.T. -0.01 min
Lab File: VX015426.D
Acq: 30 Mar 2020 14:34

Instrument :
MSVOA_X
ClientSampled :

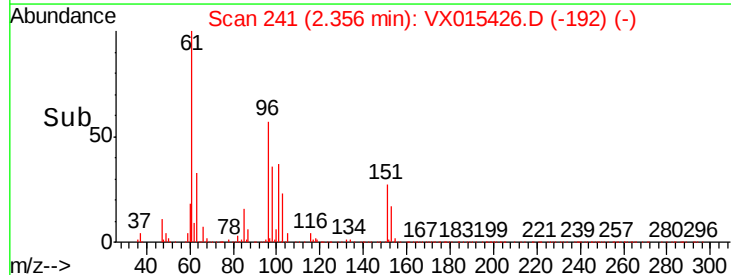
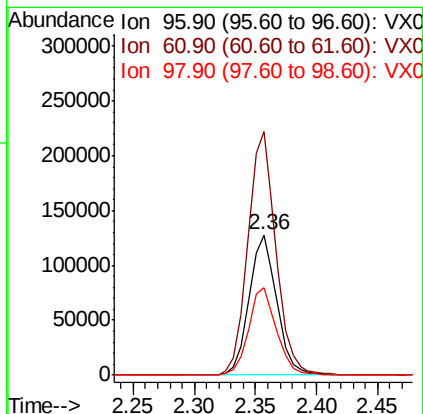
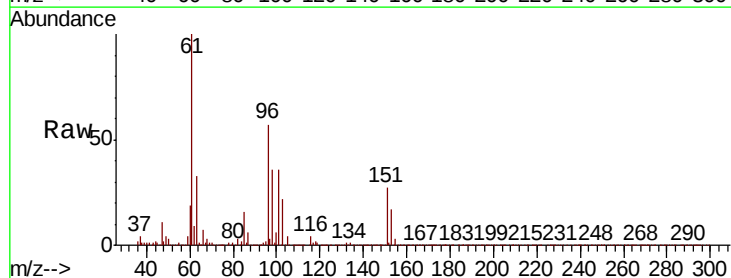
Tot Ion: 59 Resp: 286970
Ion Ratio Lower Upper
59 100
57 10.3 8.1 12.1

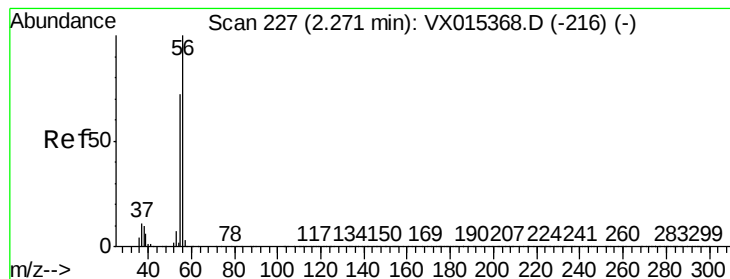


#12

1,1-Dichloroethene
Concen: 19.274 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015426.D
Acq: 30 Mar 2020 14:34

Tgt Ion: 96 Resp: 200545
Ion Ratio Lower Upper
96 100
61 174.1 135.7 203.5
98 62.0 50.6 75.8





#13

Acrolein

Concen: 80.190 ug/l

RT: 2.27 min Scan# 227

Delta R.T. 0.00 min

Lab File: VX015426.D

Acq: 30 Mar 2020 14:34

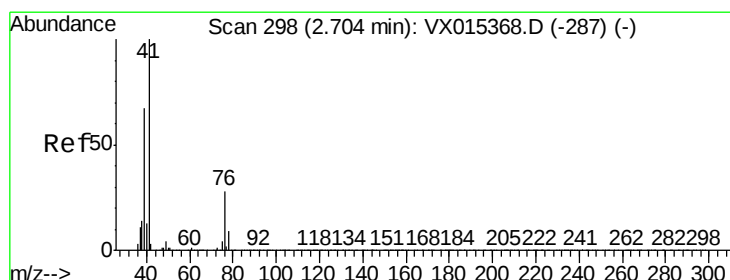
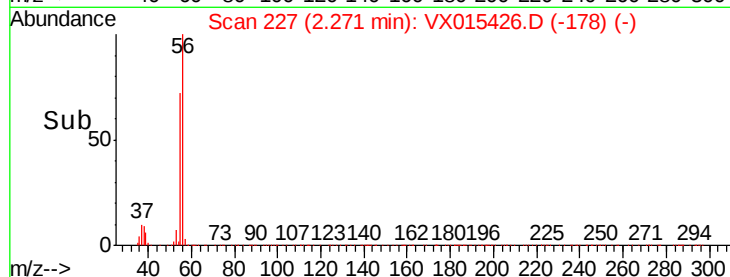
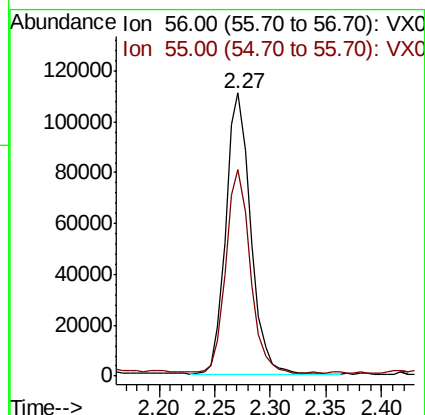
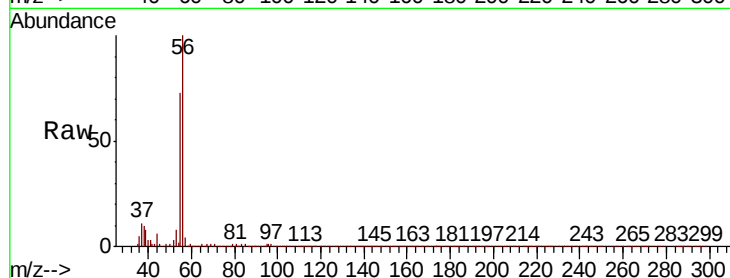
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 169956

Ion Ratio Lower Upper

56 100

55 71.1 57.0 85.4



#14

Allyl chloride

Concen: 18.815 ug/l

RT: 2.70 min Scan# 298

Delta R.T. 0.00 min

Lab File: VX015426.D

Acq: 30 Mar 2020 14:34

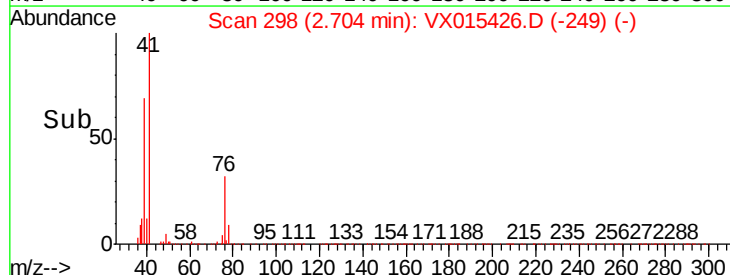
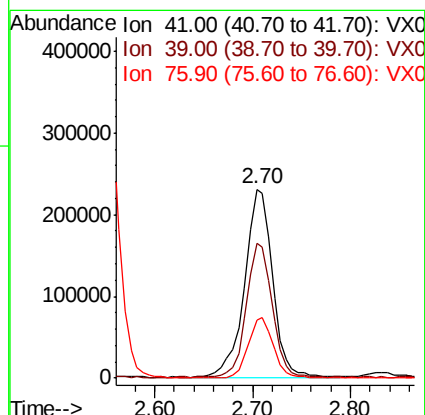
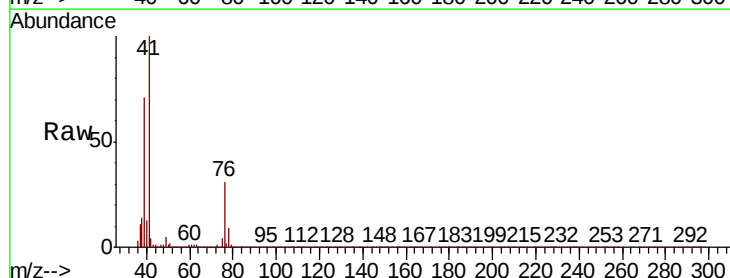
Tgt Ion: 41 Resp: 457447

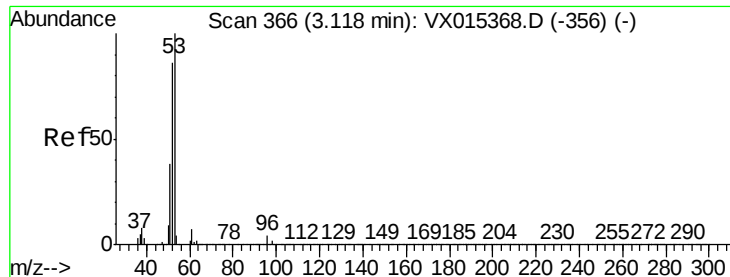
Ion Ratio Lower Upper

41 100

39 65.7 51.4 77.0

76 28.4 21.8 32.8





#15

Acrylonitrile

Concen: 90.486 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015426.D

Acq: 30 Mar 2020 14:34

Instrument :

MSVOA_X

ClientSampleId :

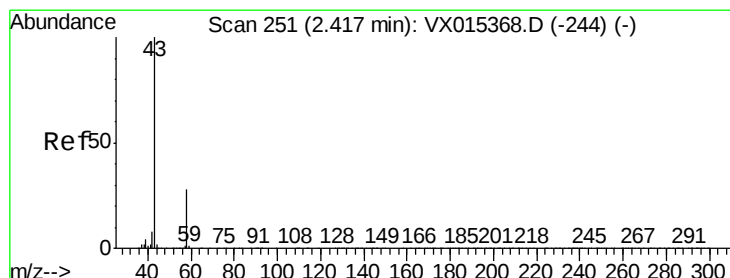
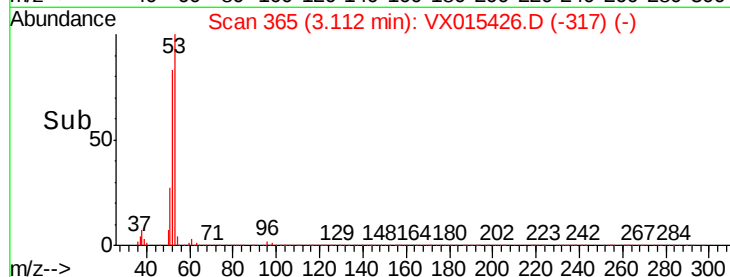
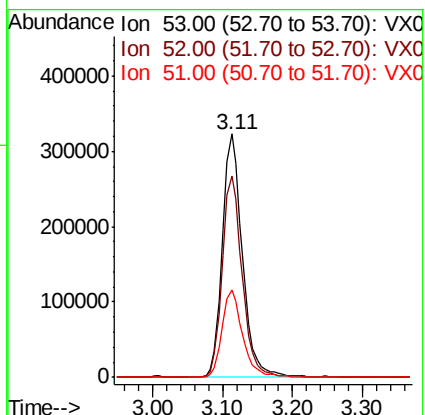
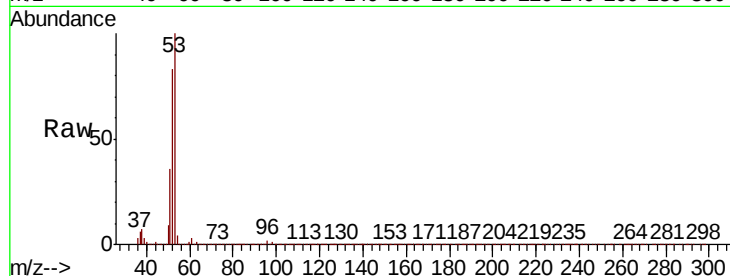
Tot Ion: 53 Resp: 642039

Ion Ratio Lower Upper

53 100

52 82.2 66.8 100.2

51 37.2 29.5 44.3



#16

Acetone

Concen: 85.420 ug/l

RT: 2.42 min Scan# 251

Delta R.T. 0.00 min

Lab File: VX015426.D

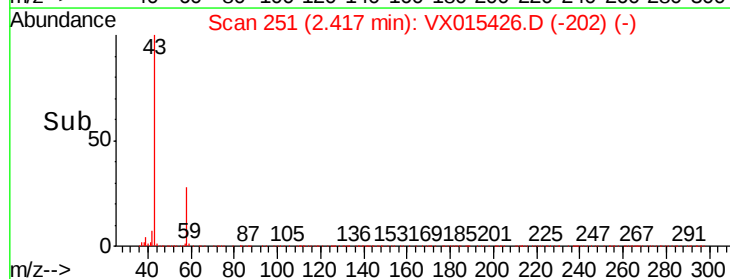
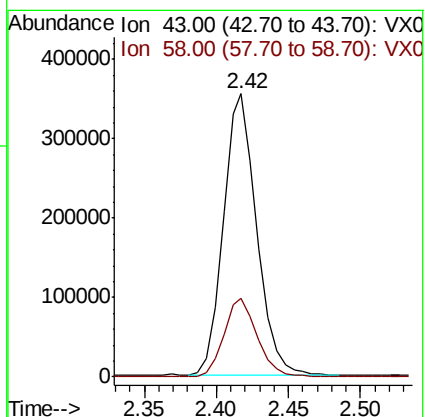
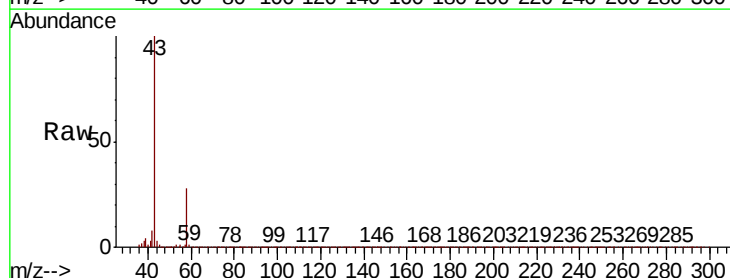
Acq: 30 Mar 2020 14:34

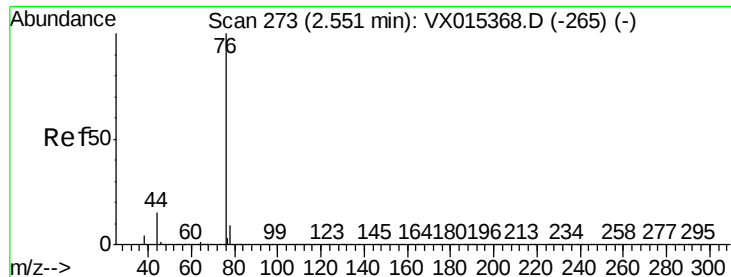
Tgt Ion: 43 Resp: 570447

Ion Ratio Lower Upper

43 100

58 28.0 22.1 33.1





#17

Carbon Disulfide

Concen: 19.126 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015426.D

Acq: 30 Mar 2020 14:34

Instrument :

MSVOA_X

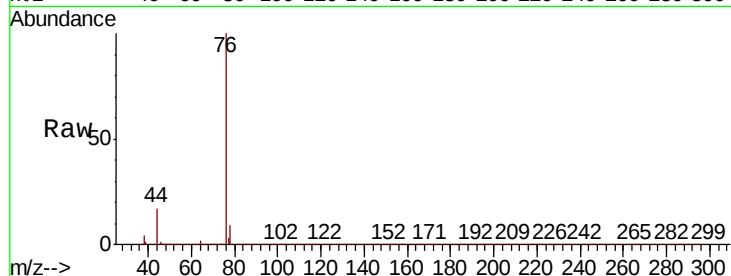
ClientSampleId :

Tot Ion: 76 Resp: 607088

Ion Ratio Lower Upper

76 100

78 8.6 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

400000

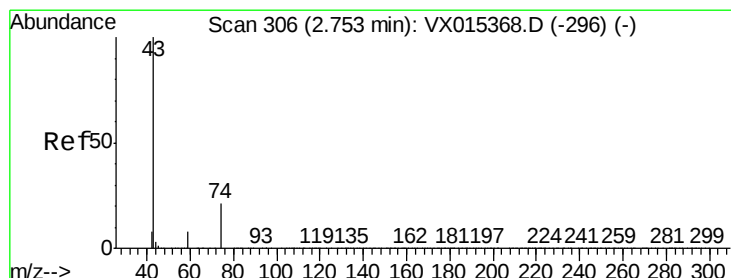
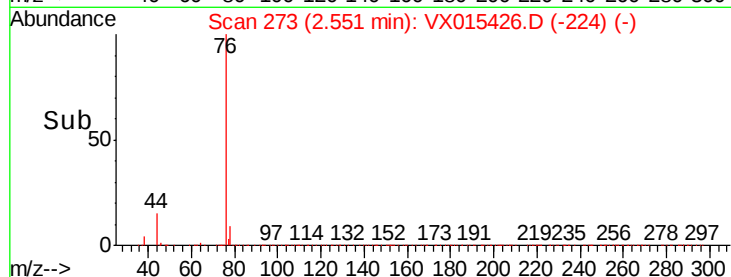
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 17.725 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015426.D

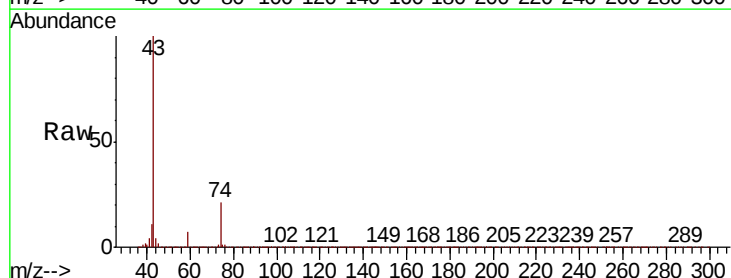
Acq: 30 Mar 2020 14:34

Tgt Ion: 43 Resp: 302122

Ion Ratio Lower Upper

43 100

74 20.9 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

200000

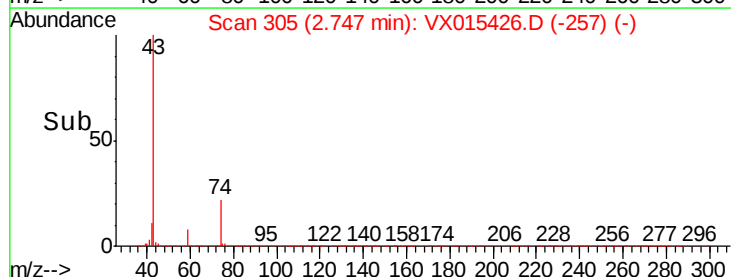
150000

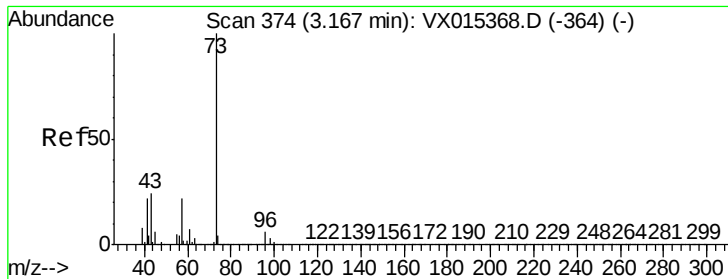
100000

50000

0

Time-->

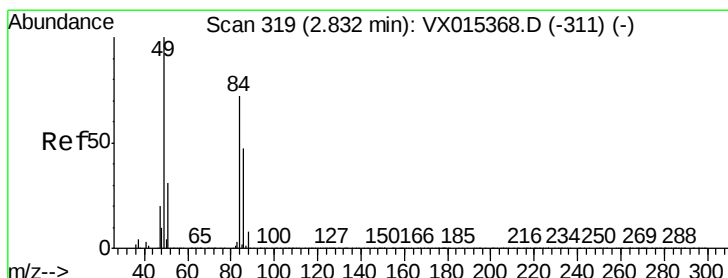
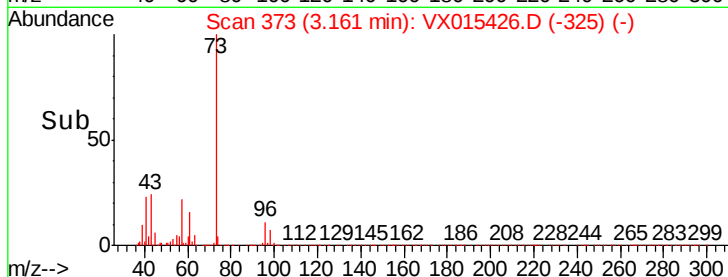
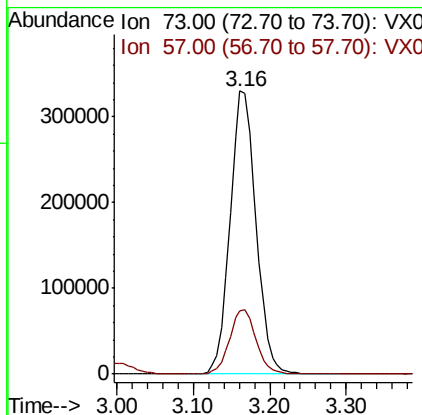
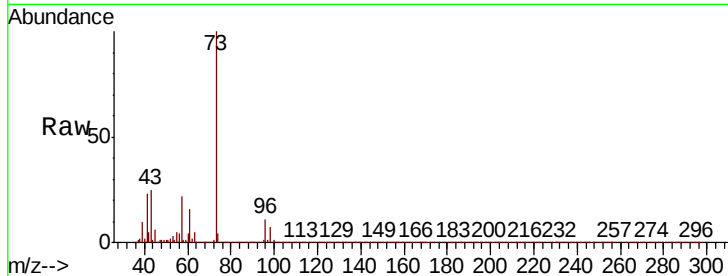




#19
Methyl tert-butyl Ether
Concen: 19.183 ug/l
RT: 3.16 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX015426.D
Acq: 30 Mar 2020 14:34

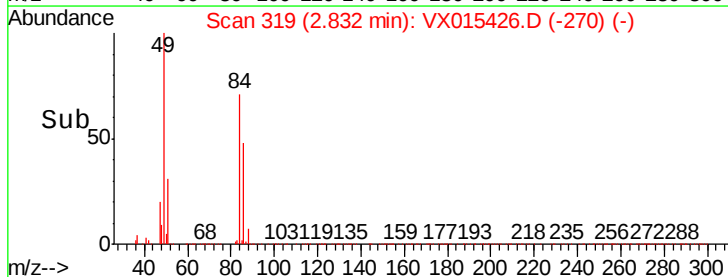
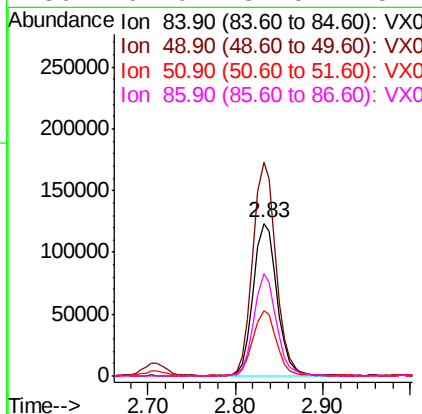
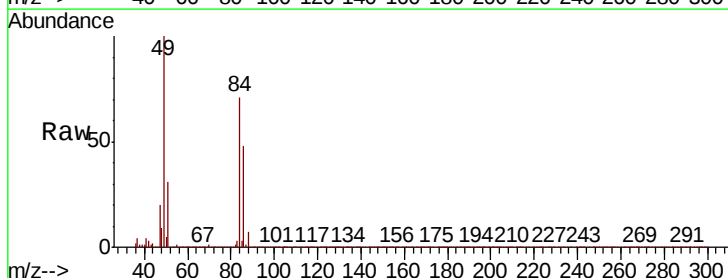
Instrument :
MSVOA_X
ClientSampleId :

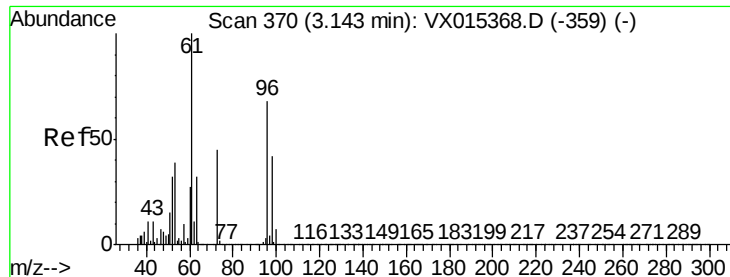
Tot Ion: 73 Resp: 774136
Ion Ratio Lower Upper
73 100
57 22.1 17.9 26.9



#20
Methylene Chloride
Concen: 18.723 ug/l
RT: 2.83 min Scan# 319
Delta R.T. 0.00 min
Lab File: VX015426.D
Acq: 30 Mar 2020 14:34

Tgt Ion: 84 Resp: 233554
Ion Ratio Lower Upper
84 100
49 139.5 111.3 166.9
51 42.6 34.0 51.0
86 67.0 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 18.848 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015426.D

Acq: 30 Mar 2020 14:34

Instrument :

MSVOA_X

ClientSampleId :

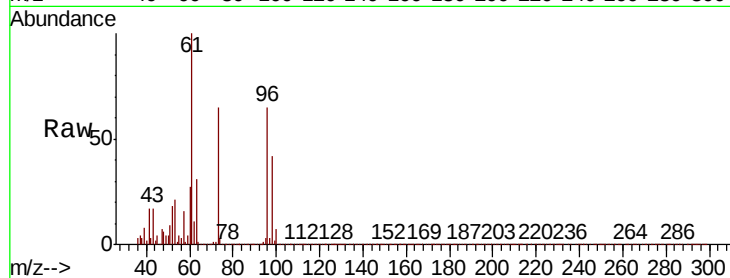
Tot Ion: 96 Resp: 217657

Ion Ratio Lower Upper

96 100

61 153.5 116.9 175.3

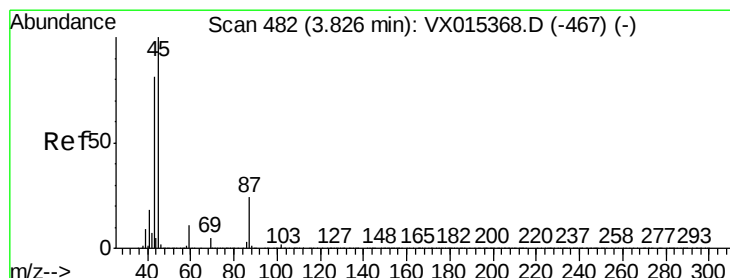
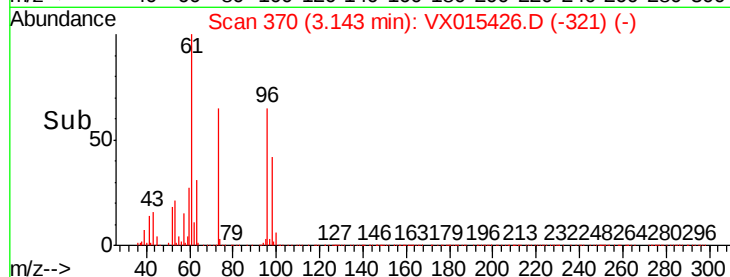
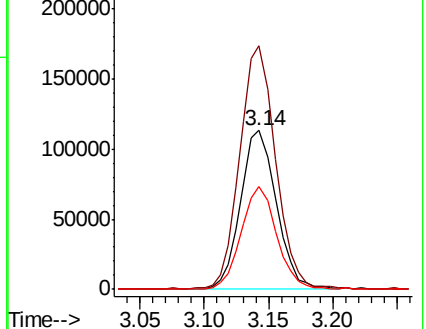
98 64.4 48.6 73.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.602 ug/l

RT: 3.82 min Scan# 481

Delta R.T. -0.01 min

Lab File: VX015426.D

Acq: 30 Mar 2020 14:34

Tgt Ion: 45 Resp: 844506

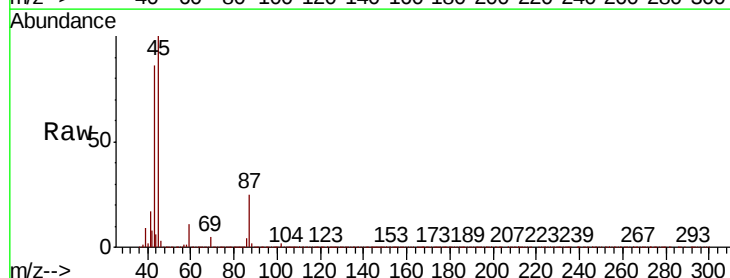
Ion Ratio Lower Upper

45 100

43 85.7 64.7 97.1

87 25.1 19.4 29.0

59 10.6 8.7 13.1

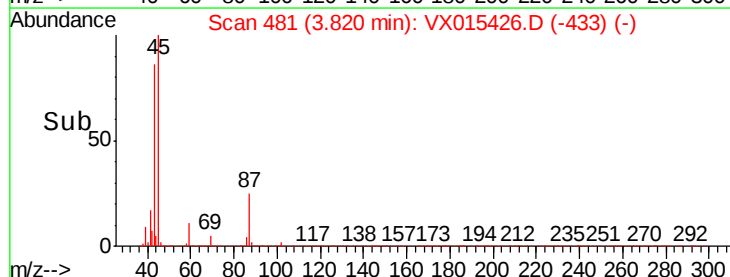
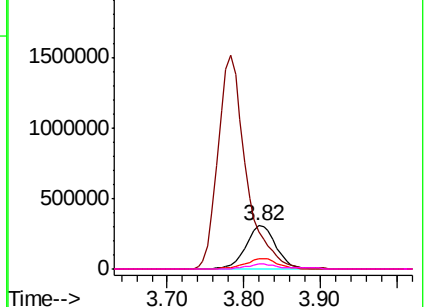


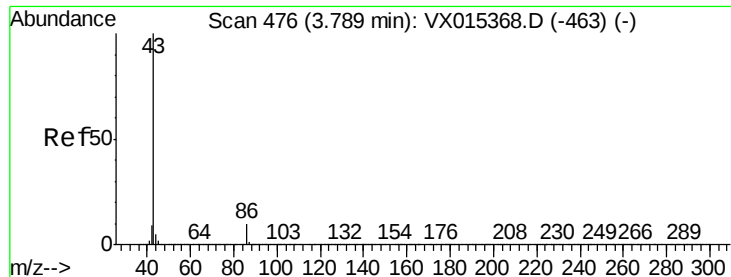
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 98.335 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015426.D

Acq: 30 Mar 2020 14:34

Instrument :

MSVOA_X

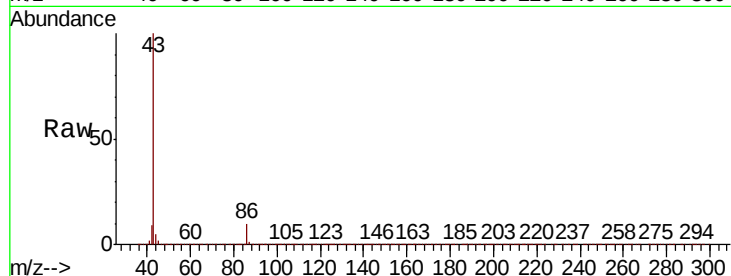
ClientSampleId :

Tot Ion: 43 Resp: 3835692

Ion Ratio Lower Upper

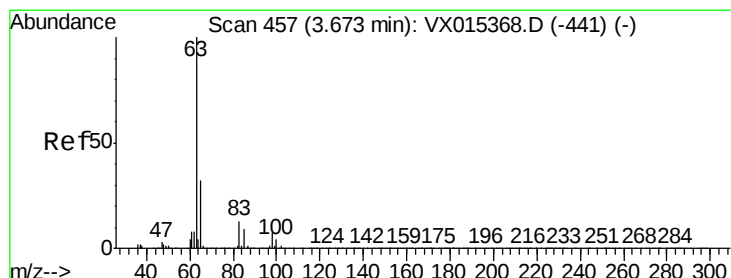
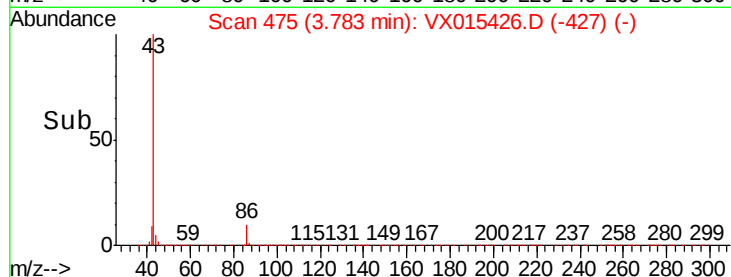
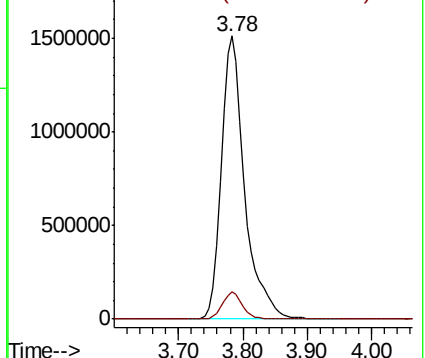
43 100

86 9.7 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.875 ug/l

RT: 3.67 min Scan# 456

Delta R.T. -0.01 min

Lab File: VX015426.D

Acq: 30 Mar 2020 14:34

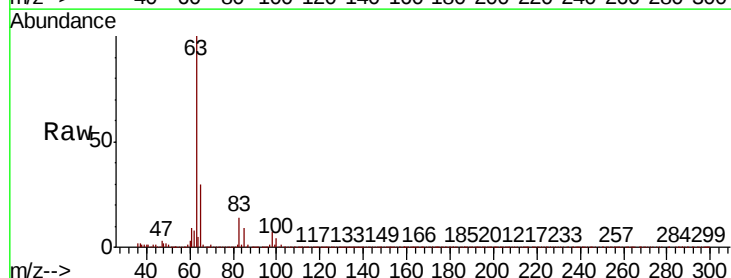
Tgt Ion: 63 Resp: 428134

Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.8

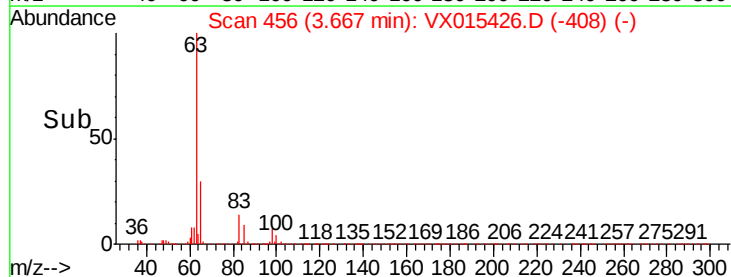
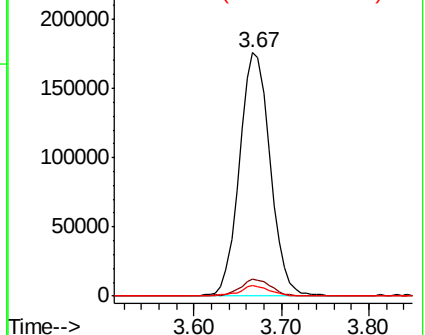
100 4.2 2.1 6.5

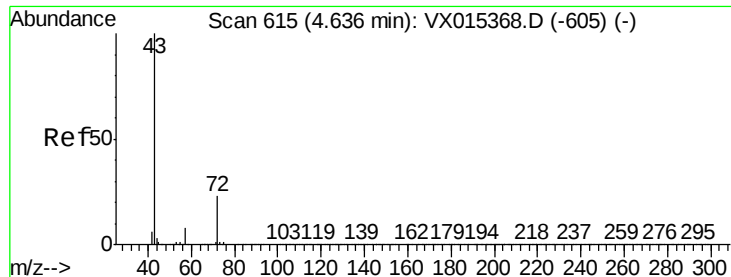


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 85.770 ug/l

RT: 4.63 min Scan# 614

Delta R.T. -0.01 min

Lab File: VX015426.D

Acq: 30 Mar 2020 14:34

Instrument :

MSVOA_X

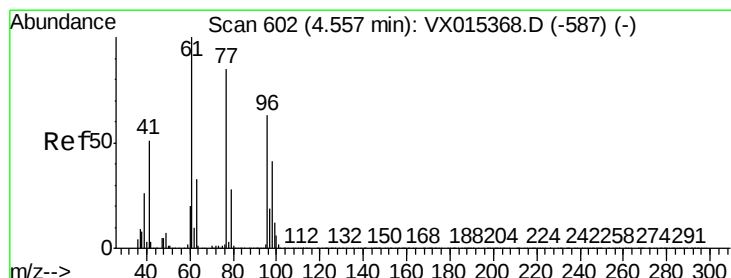
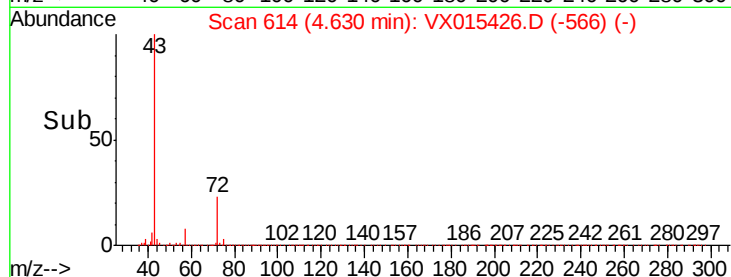
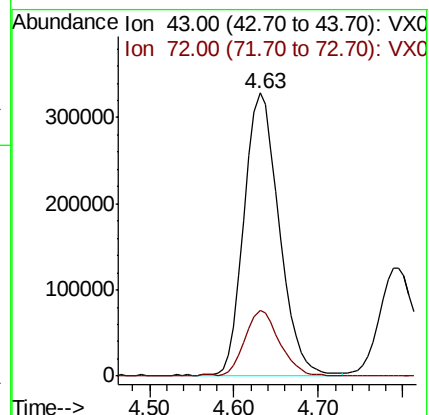
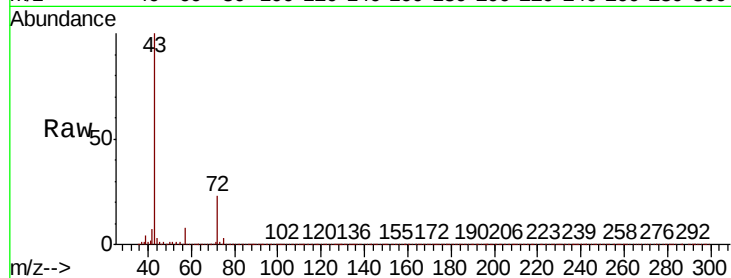
ClientSampleId :

Tot Ion: 43 Resp: 921162

Ion Ratio Lower Upper

43 100

72 23.3 19.0 28.4



#26

2,2-Dichloropropane

Concen: 19.776 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015426.D

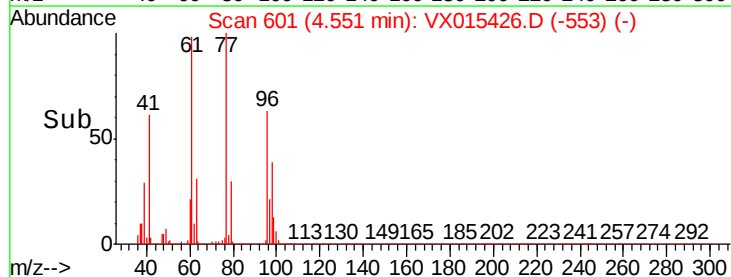
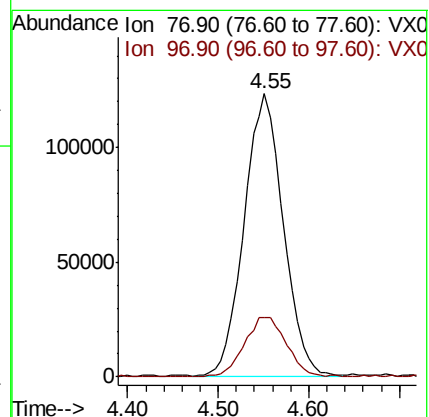
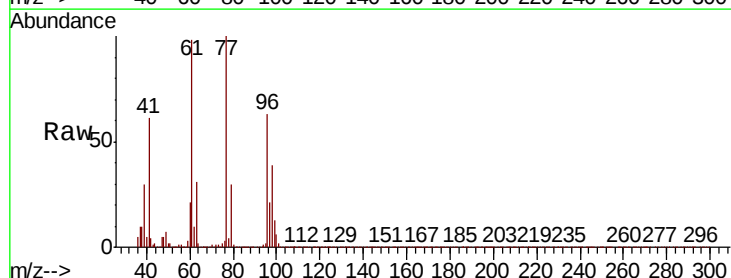
Acq: 30 Mar 2020 14:34

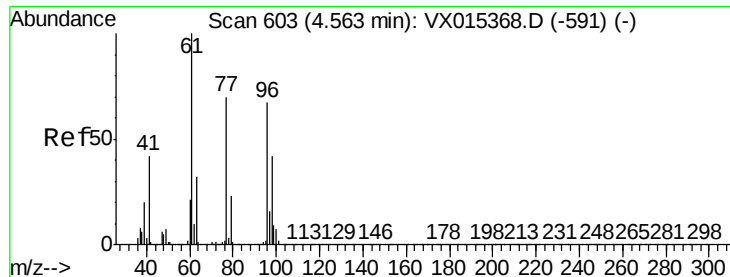
Tgt Ion: 77 Resp: 368204

Ion Ratio Lower Upper

77 100

97 22.7 11.3 33.8



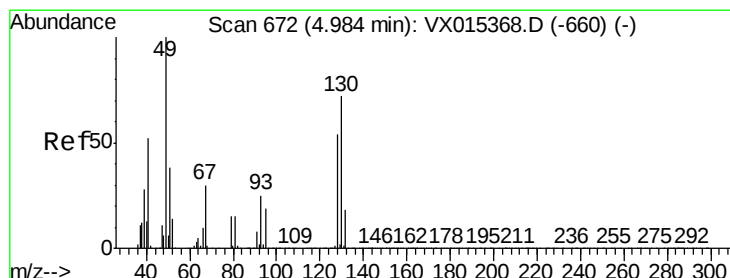
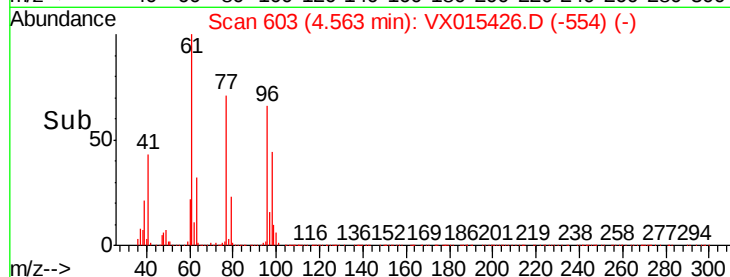
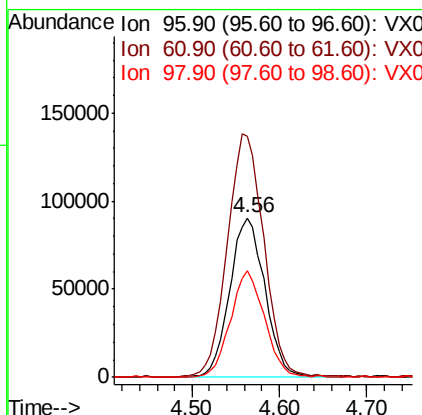
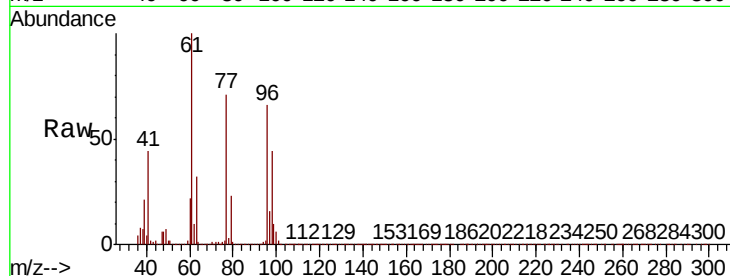


#27

cis-1,2-Dichloroethene
Concen: 18.774 ug/l
RT: 4.56 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX015426.D
Acq: 30 Mar 2020 14:34

Instrument :
MSVOA_X
ClientSampleId :

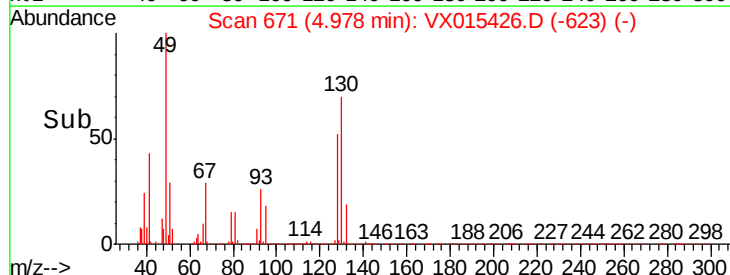
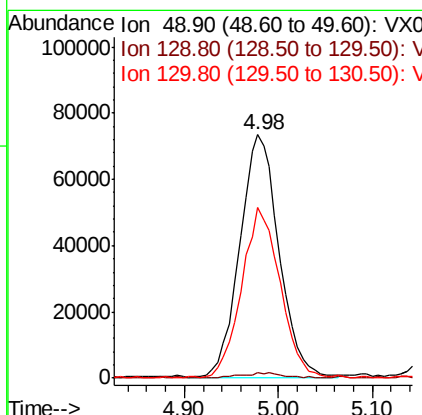
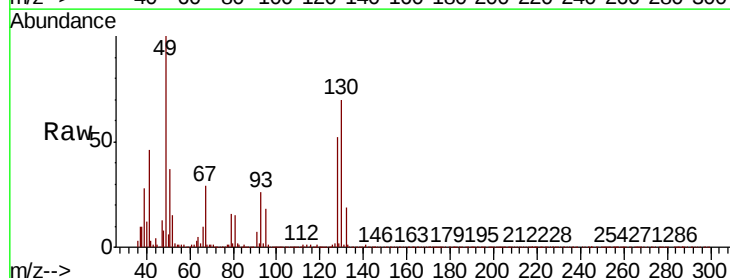
Tot Ion	Ratio	Lower	Upper
96	100		
61	158.3	0.0	308.4
98	65.3	0.0	129.2

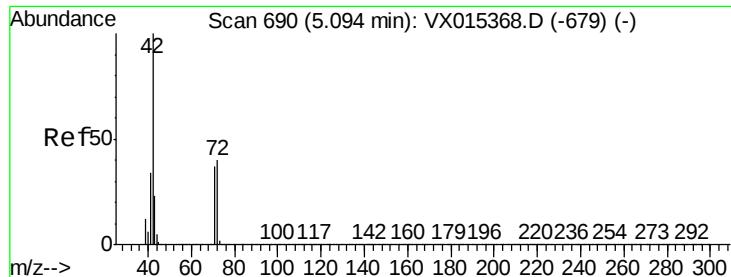


#28

Bromochloromethane
Concen: 19.838 ug/l
RT: 4.98 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX015426.D
Acq: 30 Mar 2020 14:34

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.4
130	68.5	57.7	86.5





#29

Tetrahydrofuran

Concen: 86.432 ug/l

RT: 5.09 min Scan# 689

Delta R.T. -0.01 min

Lab File: VX015426.D

Acq: 30 Mar 2020 14:34

Instrument :

MSVOA_X

ClientSampleId :

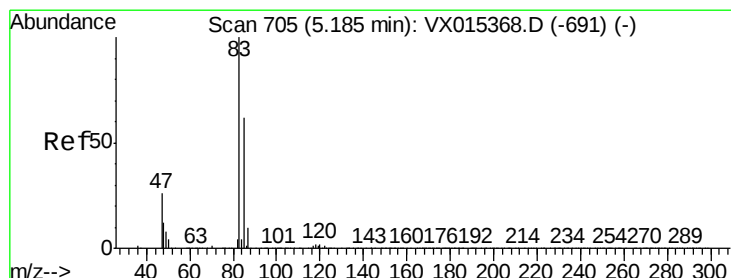
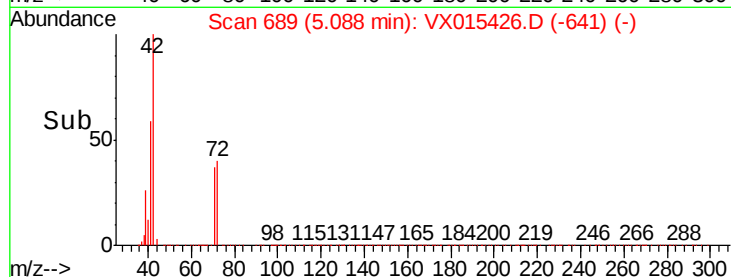
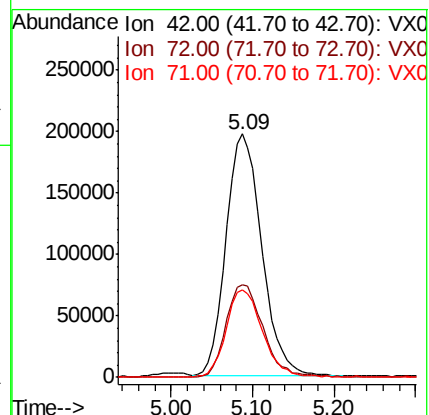
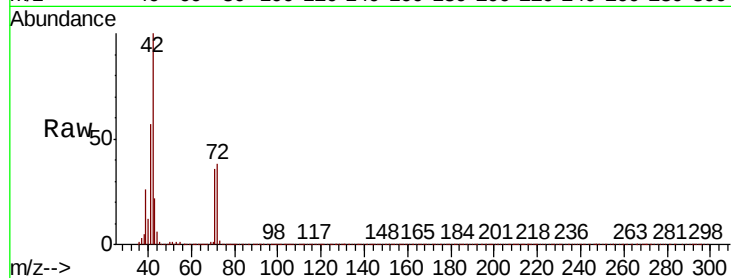
Tot Ion: 42 Resp: 596762

Ion Ratio Lower Upper

42 100

72 39.2 31.7 47.5

71 36.6 29.6 44.4



#30

Chloroform

Concen: 18.699 ug/l

RT: 5.18 min Scan# 704

Delta R.T. -0.01 min

Lab File: VX015426.D

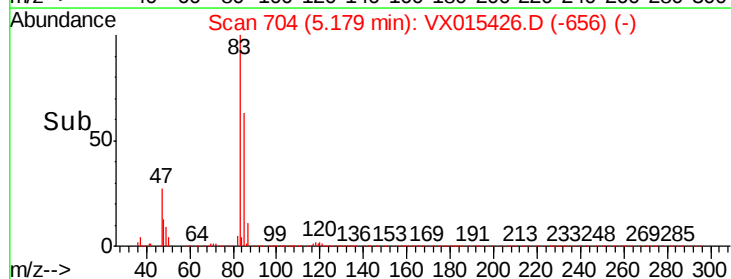
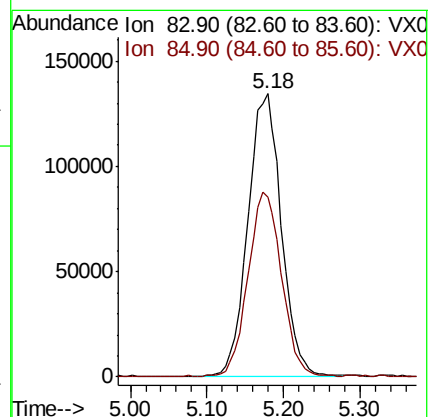
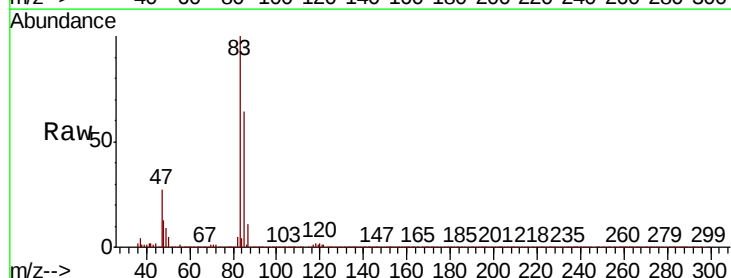
Acq: 30 Mar 2020 14:34

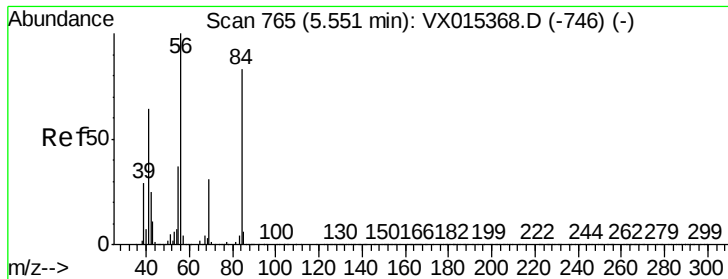
Tgt Ion: 83 Resp: 408083

Ion Ratio Lower Upper

83 100

85 63.6 49.5 74.3

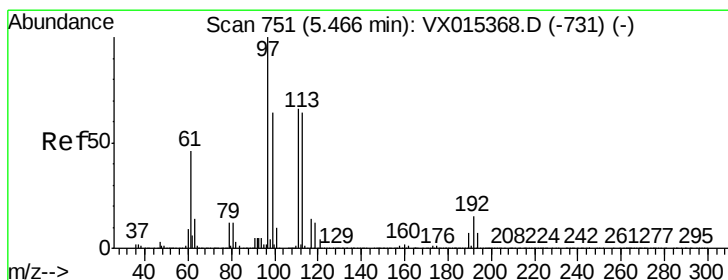
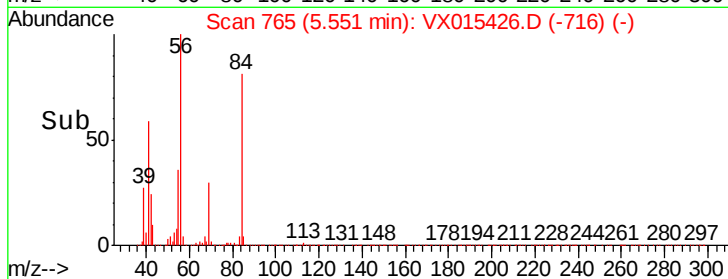
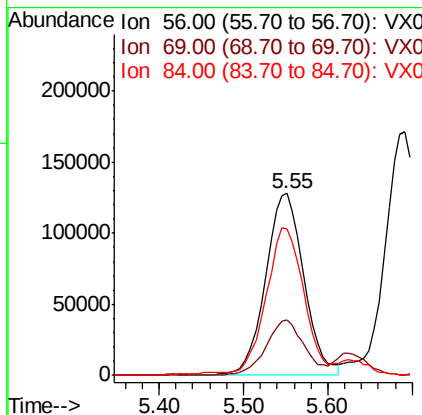
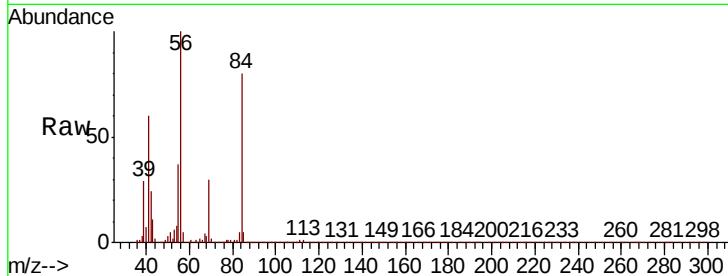




#31
Cyclohexane
Concen: 20.246 ug/l
RT: 5.55 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX015426.D
Acq: 30 Mar 2020 14:34

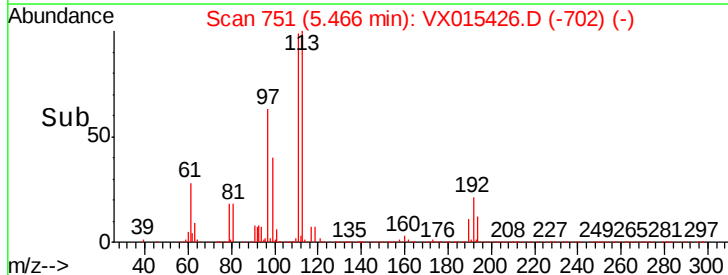
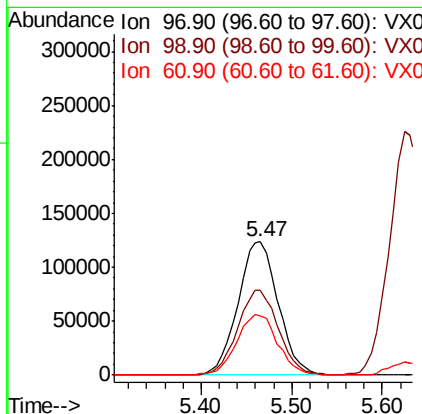
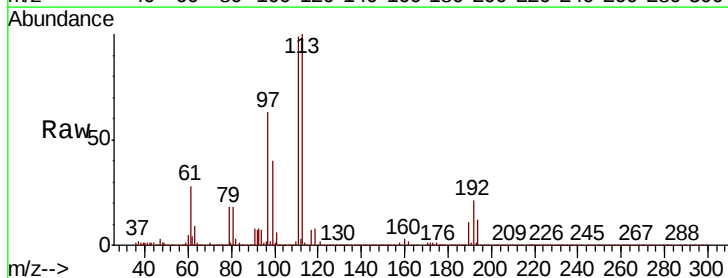
Instrument :
MSVOA_X
ClientSampleId :

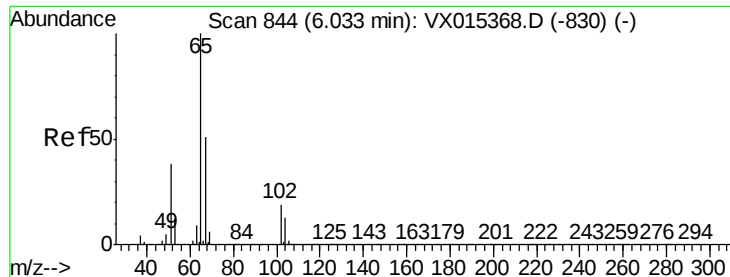
Tot Ion	Ratio	Lower	Upper
56	100		
69	30.0	24.6	36.8
84	80.1	66.1	99.1



#32
1,1,1-Trichloroethane
Concen: 19.104 ug/l
RT: 5.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX015426.D
Acq: 30 Mar 2020 14:34

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.0	76.4
61	46.2	36.1	54.1

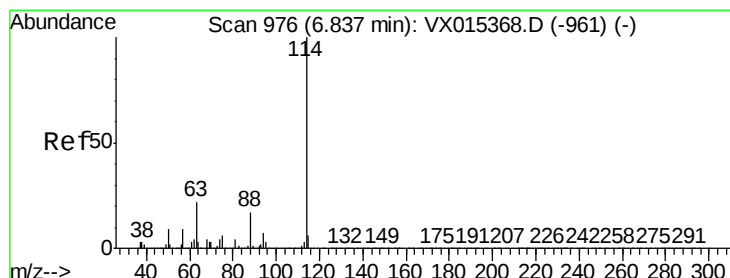
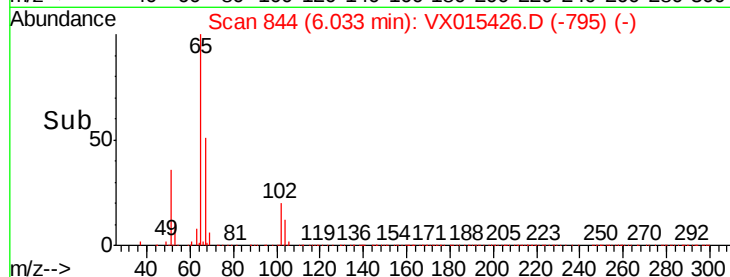
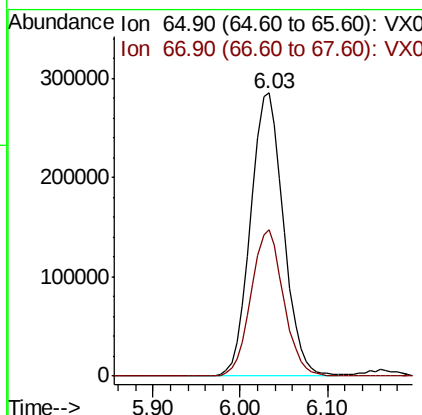
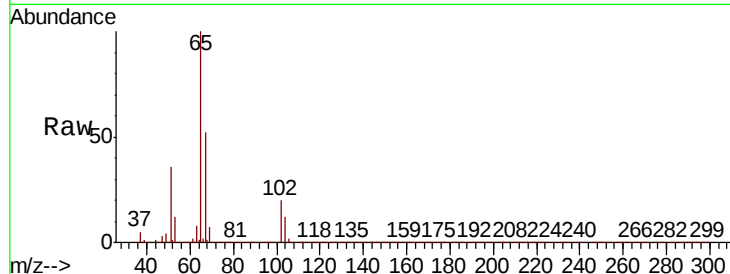




#33
 1,2-Dichloroethane-d4
 Concen: 48.033 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: VX015426.D
 Acq: 30 Mar 2020 14:34

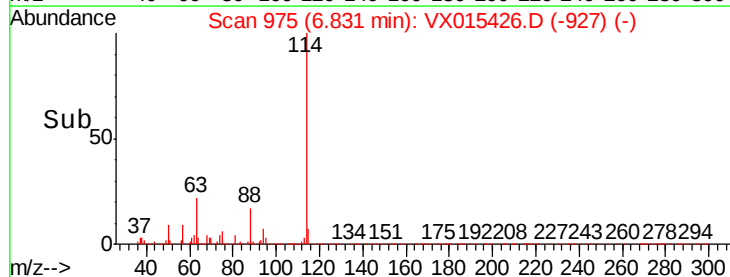
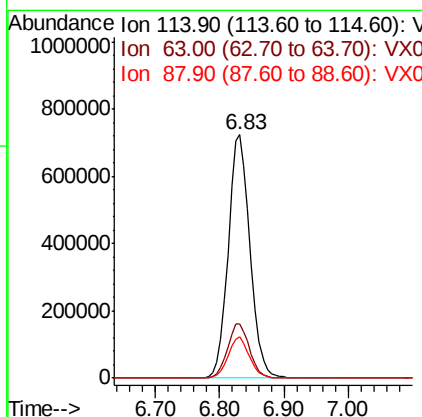
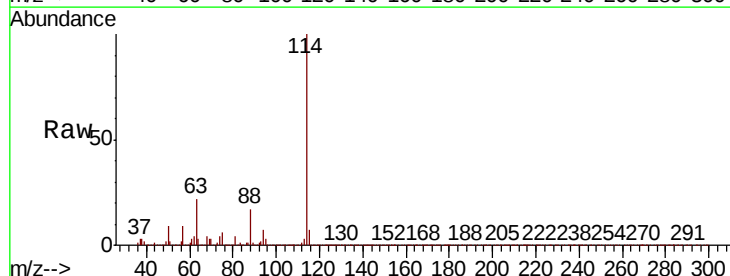
Instrument :
 MSVOA_X
 ClientSampleId :

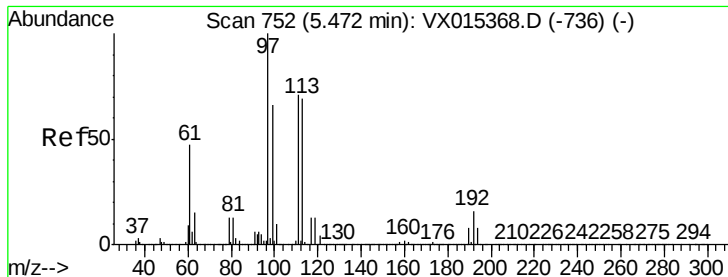
Tot Ion: 65 Resp: 746635
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015426.D
 Acq: 30 Mar 2020 14:34

Tgt Ion: 114 Resp: 1714430
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 44.2
 88 17.0 0.0 33.8

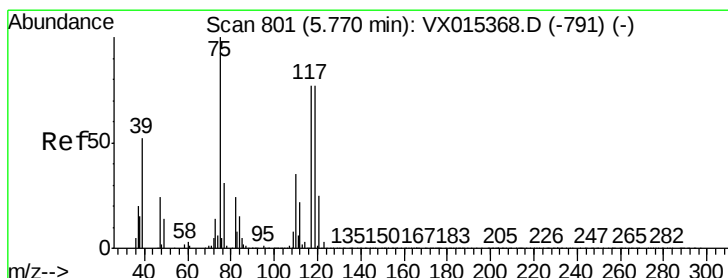
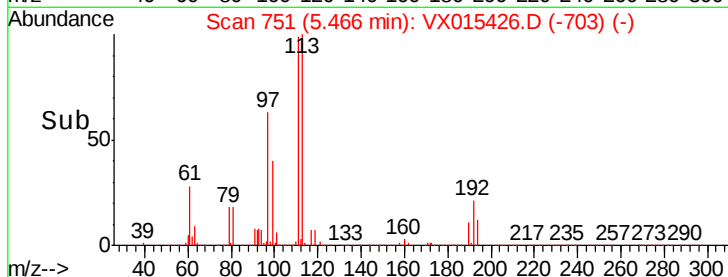
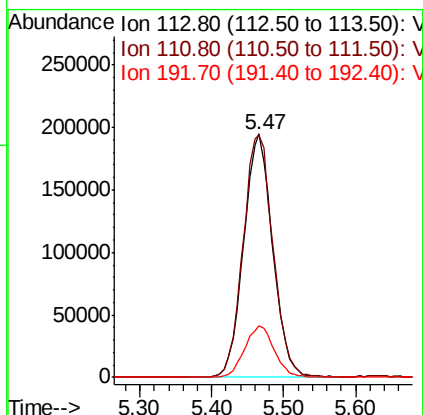
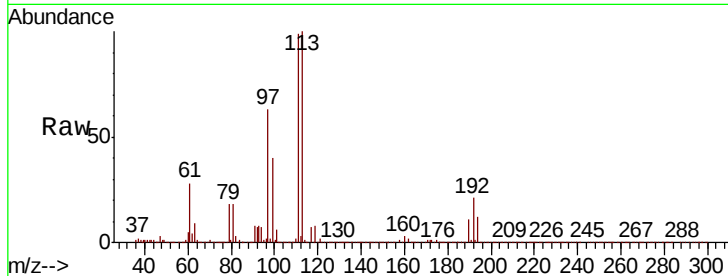




#35
Dibromofluoromethane
Concen: 49.399 ug/l
RT: 5.47 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX015426.D
Acq: 30 Mar 2020 14:34

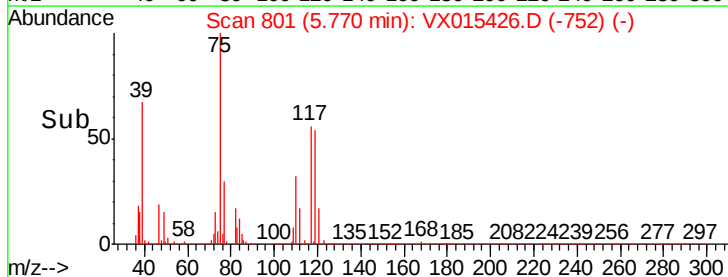
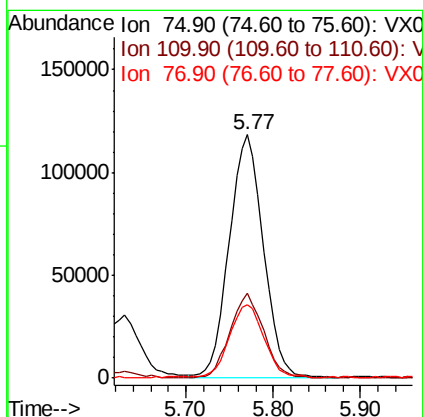
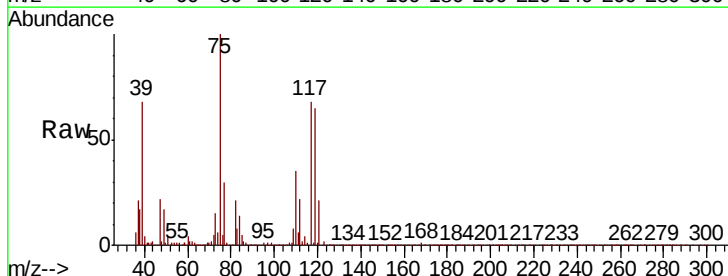
Instrument :
MSVOA_X
ClientSampleId :

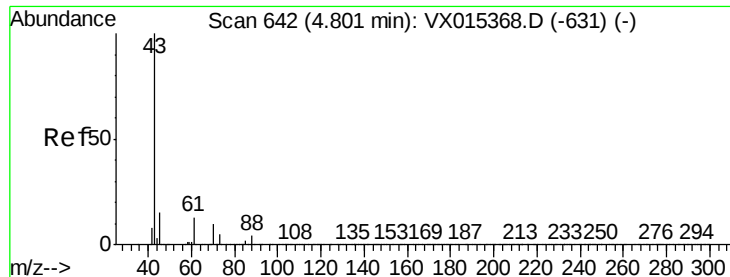
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.5	122.3
192	21.7	17.8	26.6



#36
1,1-Dichloropropene
Concen: 20.154 ug/l
RT: 5.77 min Scan# 801
Delta R.T. 0.00 min
Lab File: VX015426.D
Acq: 30 Mar 2020 14:34

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.1	17.1	51.3
77	30.2	24.6	36.8

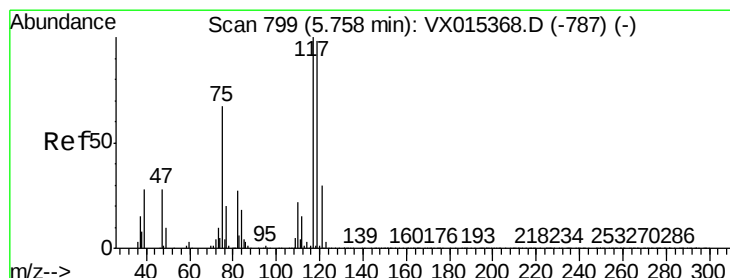
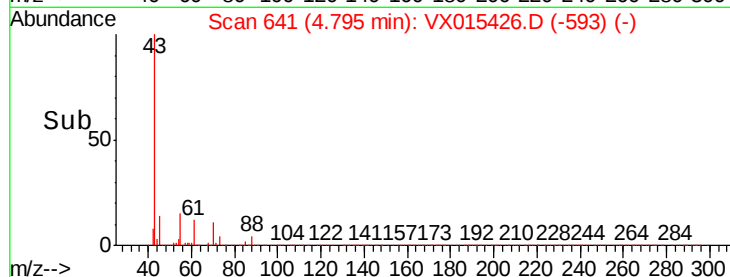
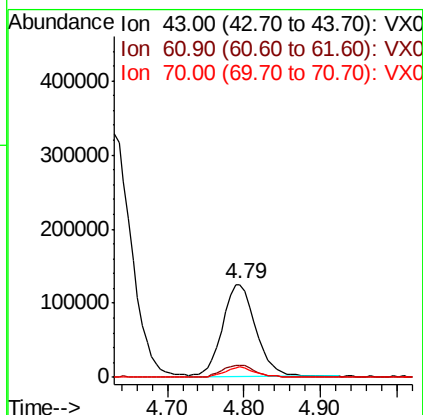
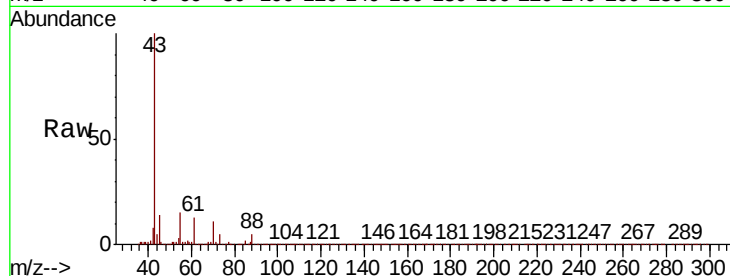




#37
Ethyl Acetate
Concen: 18.215 ug/l
RT: 4.79 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015426.D
Acq: 30 Mar 2020 14:34

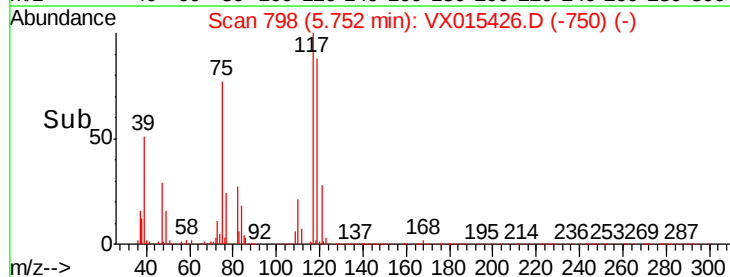
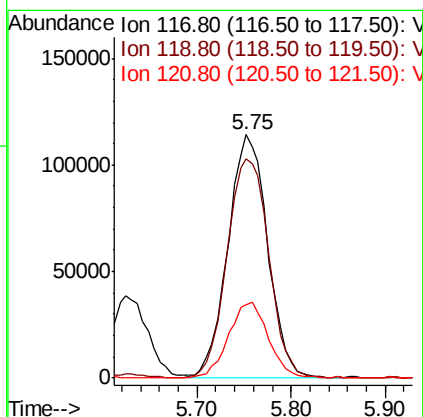
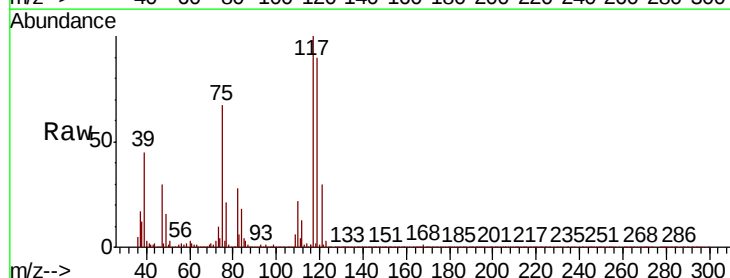
Instrument :
MSVOA_X
ClientSampleId :

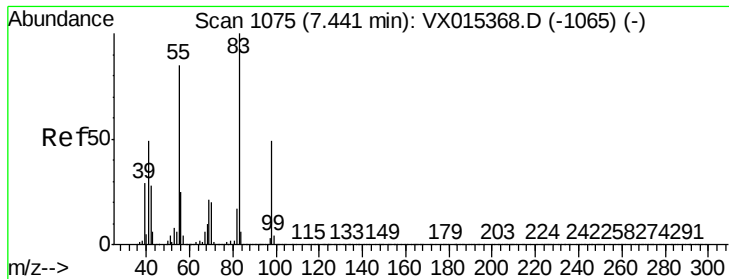
Tot Ion: 43 Resp: 374658
Ion Ratio Lower Upper
43 100
61 12.6 9.9 14.9
70 10.0 8.1 12.1



#38
Carbon Tetrachloride
Concen: 19.329 ug/l
RT: 5.75 min Scan# 798
Delta R.T. -0.01 min
Lab File: VX015426.D
Acq: 30 Mar 2020 14:34

Tgt Ion: 117 Resp: 330704
Ion Ratio Lower Upper
117 100
119 90.0 78.0 117.0
121 30.0 23.8 35.8

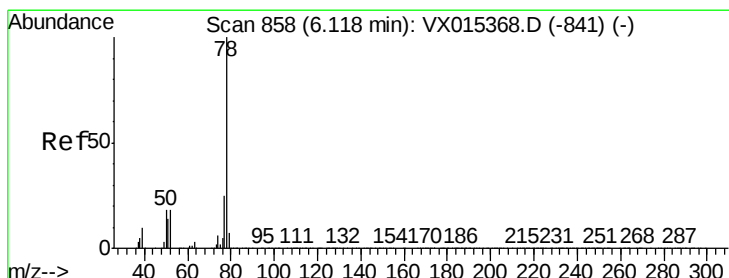
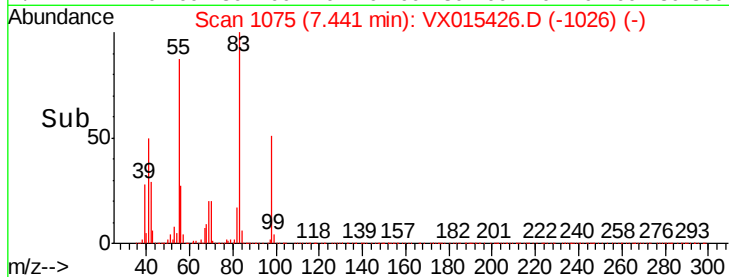
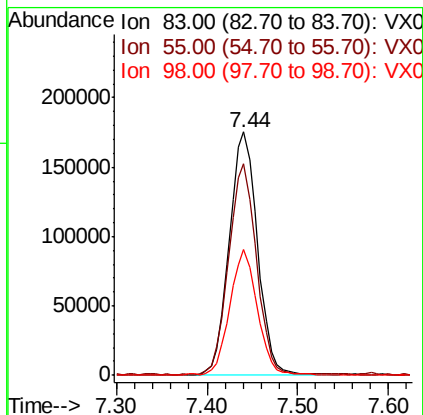
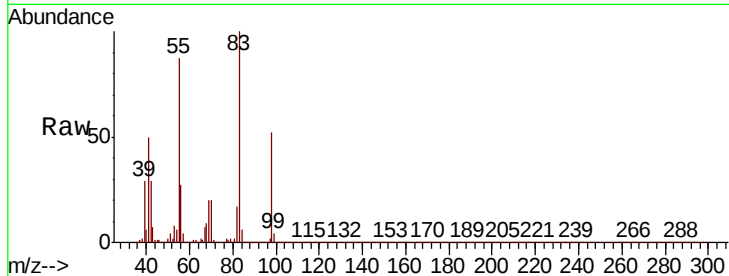




#39
Methvlcvclohexane
Concen: 20.687 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015426.D
Acq: 30 Mar 2020 14:34

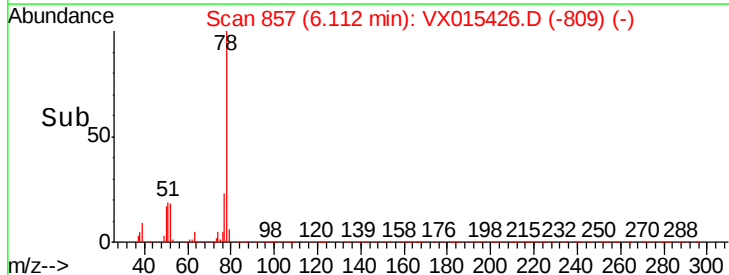
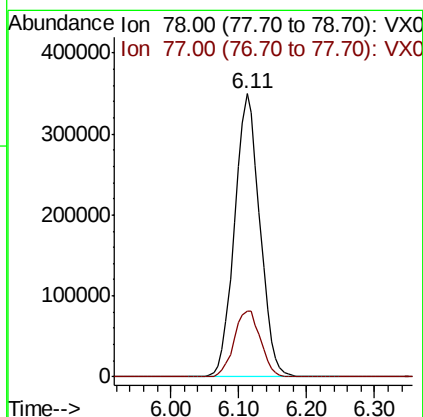
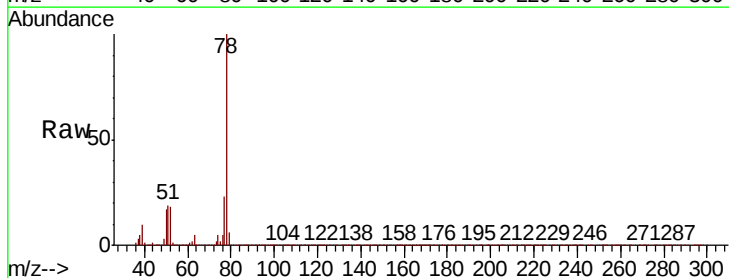
Instrument :
MSVOA_X
ClientSampleId :

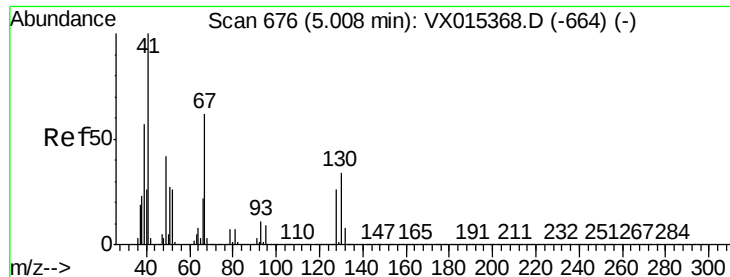
Tot Ion	83	Resp	376791
Ion Ratio	Lower	Upper	
83	100		
55	86.9	67.8	101.6
98	51.4	39.3	58.9



#40
Benzene
Concen: 19.432 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015426.D
Acq: 30 Mar 2020 14:34

Tgt Ion	78	Resp	899156
Ion Ratio	Lower	Upper	
78	100		
77	23.3	19.8	29.8

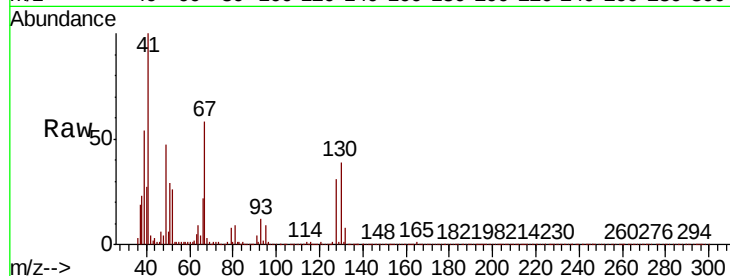




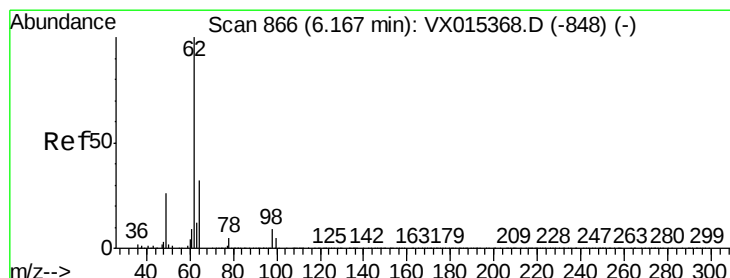
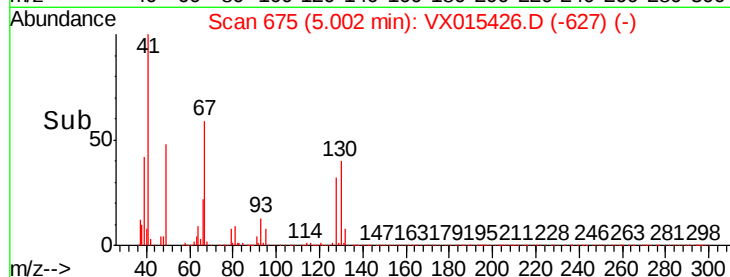
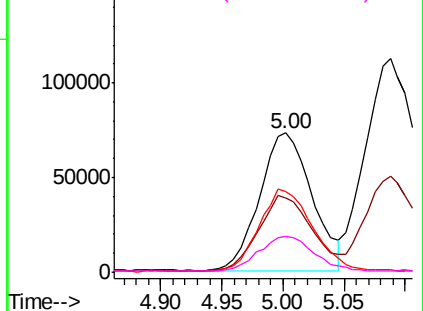
#41
Methacrylonitrile
Concen: 19.038 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015426.D
Acq: 30 Mar 2020 14:34

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	217367
Ion	Ratio	Lower	Upper
41	100		
39	56.1	44.5	66.7
67	61.8	48.9	73.3
52	26.8	21.8	32.6

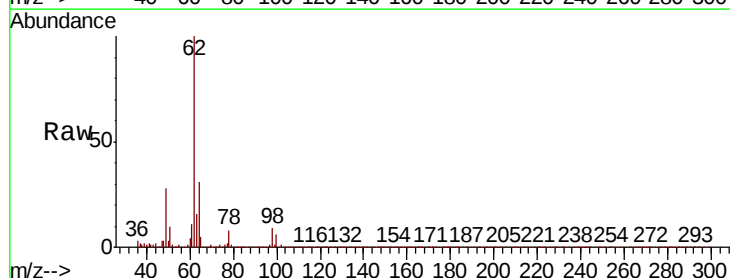


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

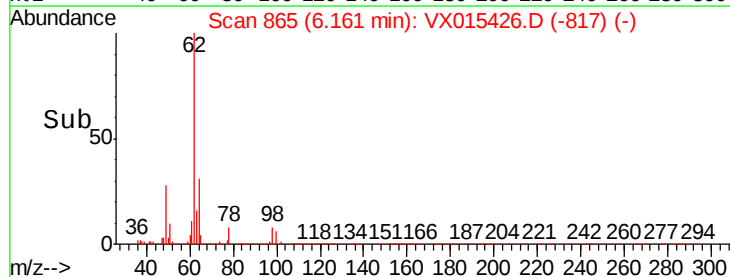
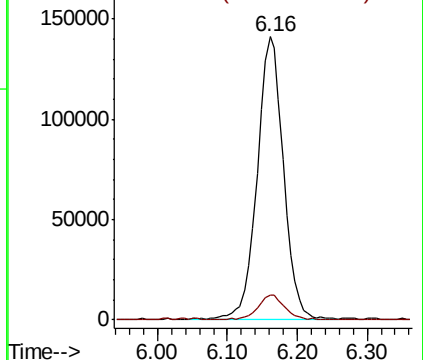


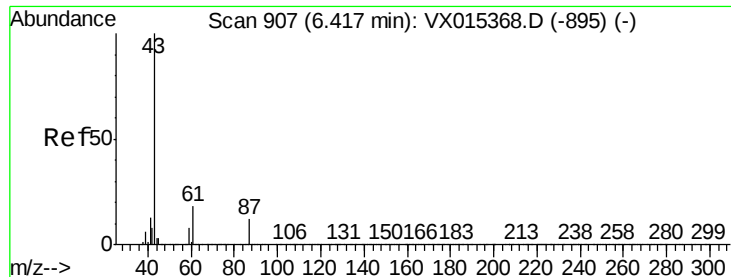
#42
1,2-Dichloroethane
Concen: 19.951 ug/l
RT: 6.16 min Scan# 865
Delta R.T. -0.01 min
Lab File: VX015426.D
Acq: 30 Mar 2020 14:34

Tgt Ion:	62	Resp:	370817
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.6



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



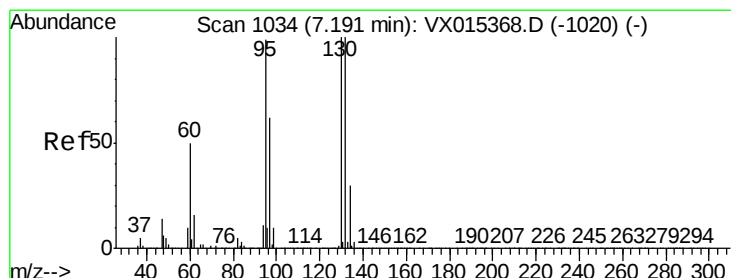
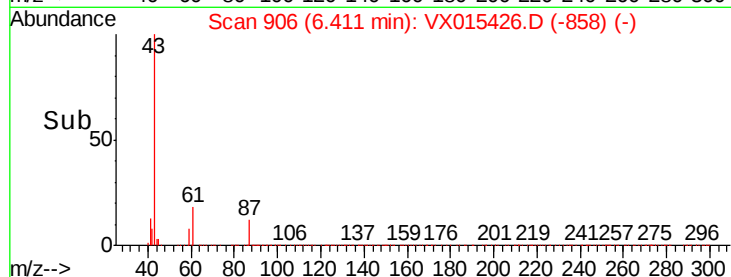
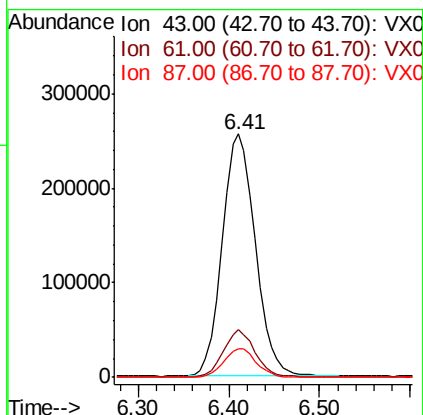
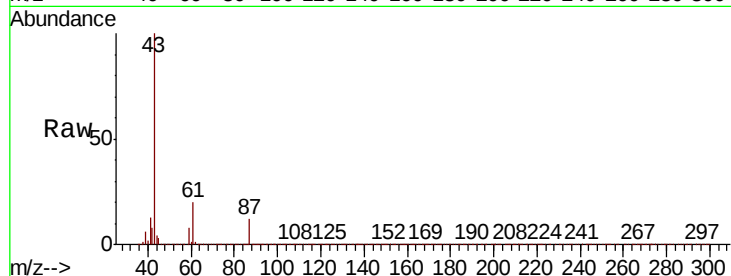


#43

Isopropyl Acetate
 Concen: 18.688 ug/l
 RT: 6.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: VX015426.D
 Acq: 30 Mar 2020 14:34

Instrument :
 MSVOA_X
 ClientSampleId :

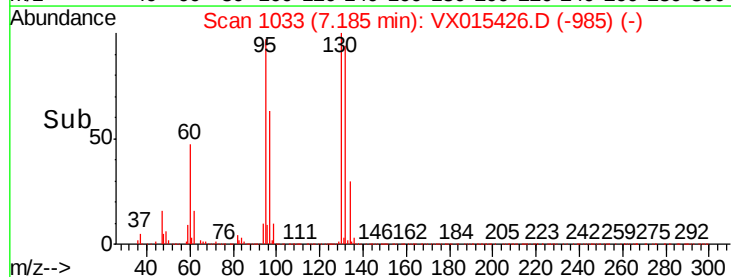
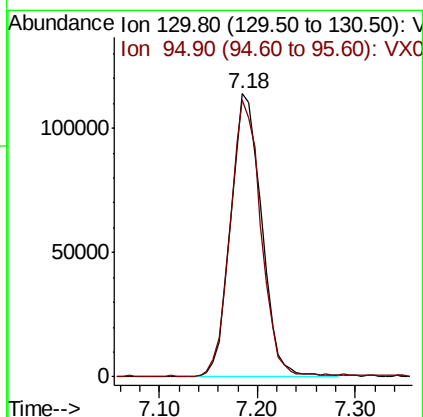
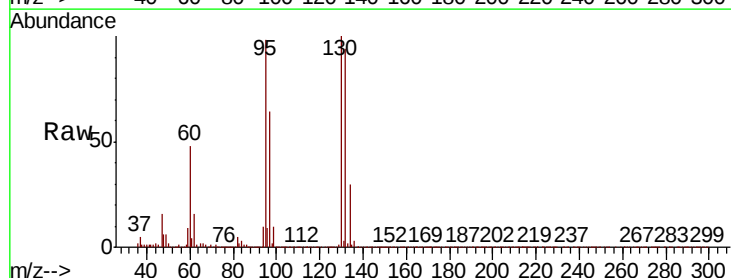
Tot Ion	Ratio	Lower	Upper
43	100		
61	18.6	14.8	22.2
87	11.5	9.4	14.0

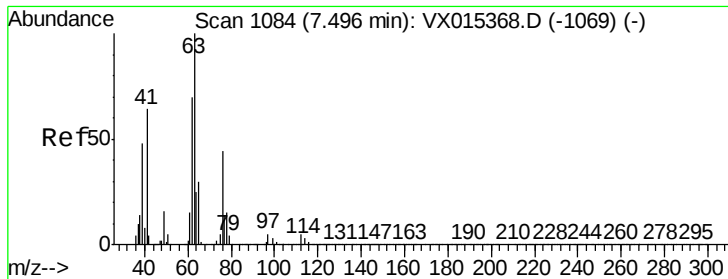


#44

Trichloroethene
 Concen: 19.721 ug/l
 RT: 7.18 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: VX015426.D
 Acq: 30 Mar 2020 14:34

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.7	0.0	199.0

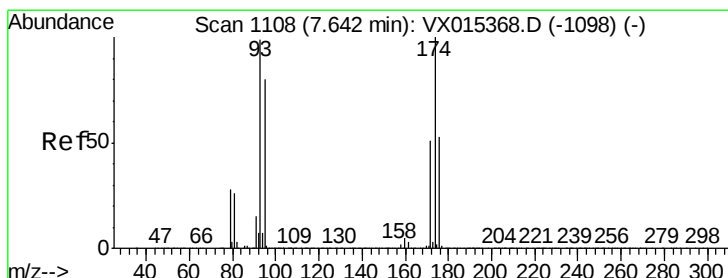
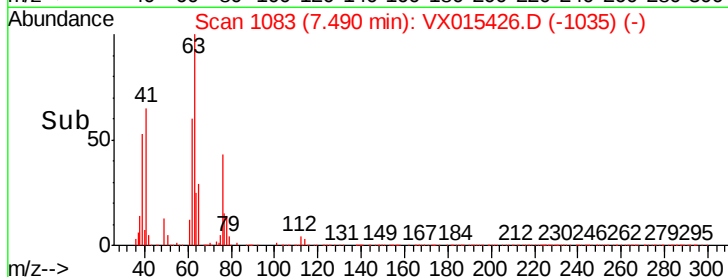
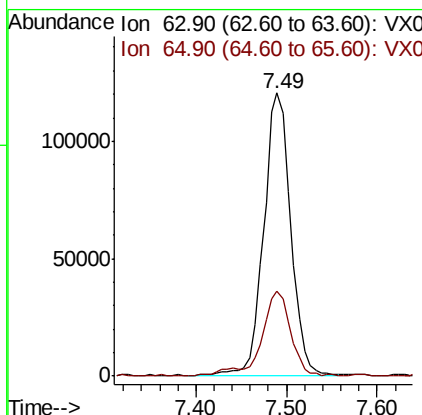
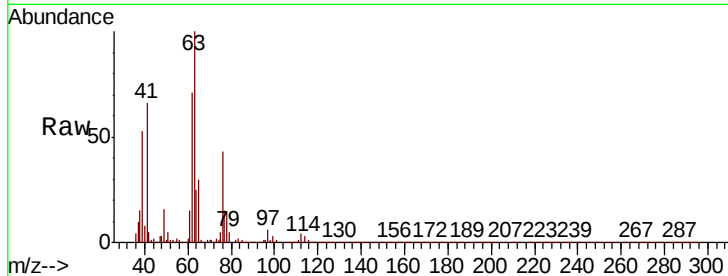




#45
 1,2-Dichloropropane
 Concen: 19.567 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015426.D
 Acq: 30 Mar 2020 14:34

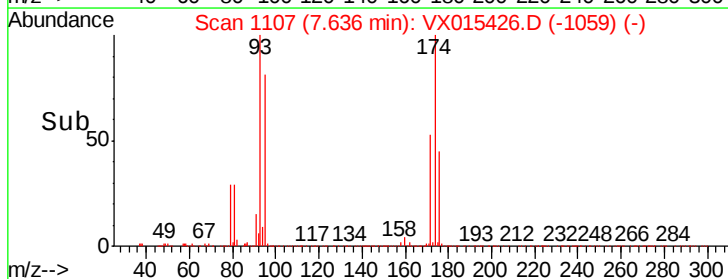
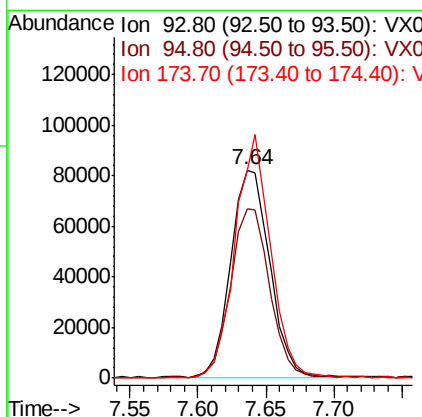
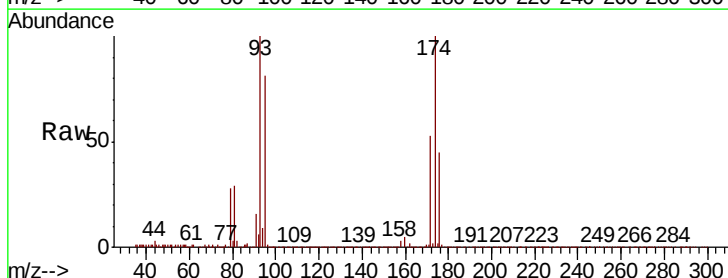
Instrument :
 MSVOA_X
 ClientSampled :

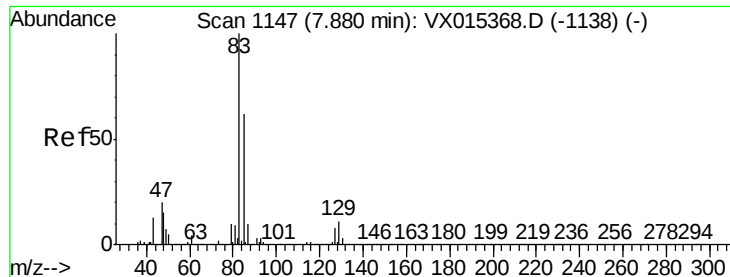
Tot Ion: 63 Resp: 247687
 Ion Ratio Lower Upper
 63 100
 65 30.1 23.9 35.9



#46
 Dibromomethane
 Concen: 19.699 ug/l
 RT: 7.64 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: VX015426.D
 Acq: 30 Mar 2020 14:34

Tgt Ion: 93 Resp: 163575
 Ion Ratio Lower Upper
 93 100
 95 81.4 65.8 98.8
 174 106.9 86.2 129.2





#47

Bromodichloromethane

Concen: 19.415 ug/l

RT: 7.87 min Scan# 1146

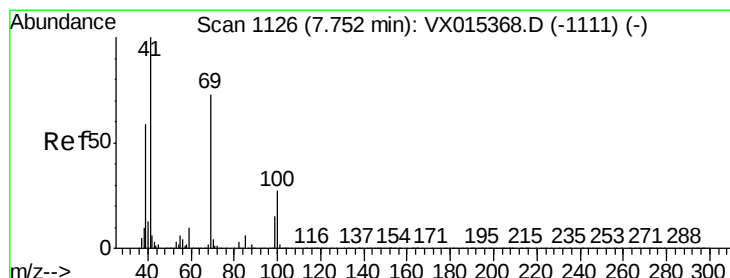
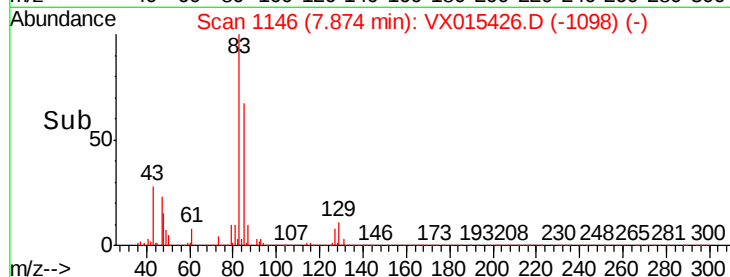
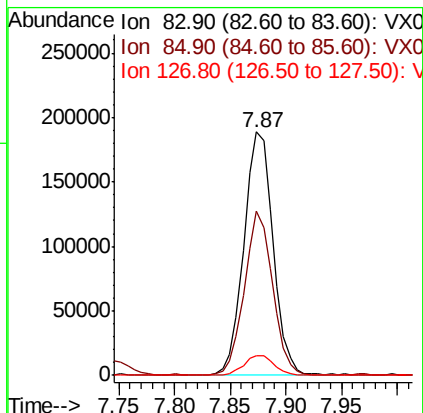
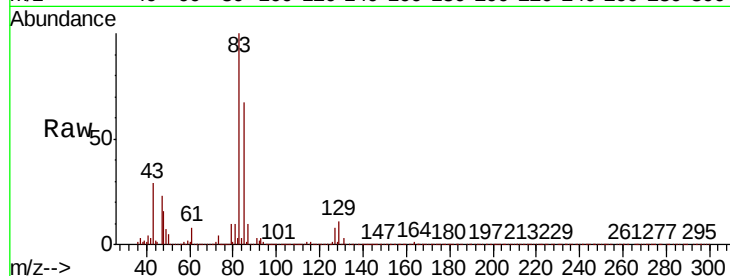
Delta R.T. -0.01 min

Lab File: VX015426.D

Acq: 30 Mar 2020 14:34

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	83	Resp:	343507
Ion	Ratio	Lower	Upper
83	100		
85	67.3	49.7	74.5
127	8.0	6.7	10.1



#48

Methyl methacrylate

Concen: 18.646 ug/l

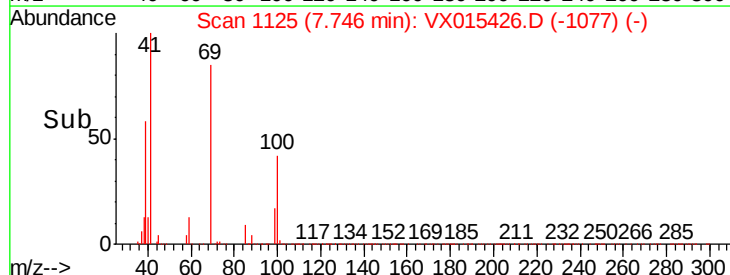
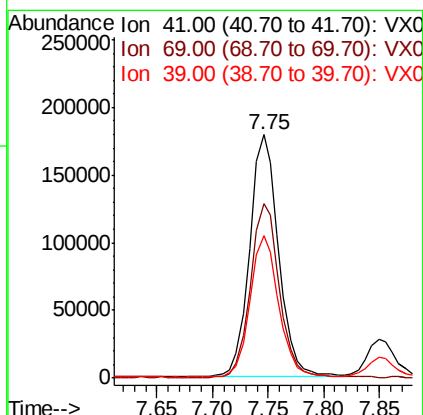
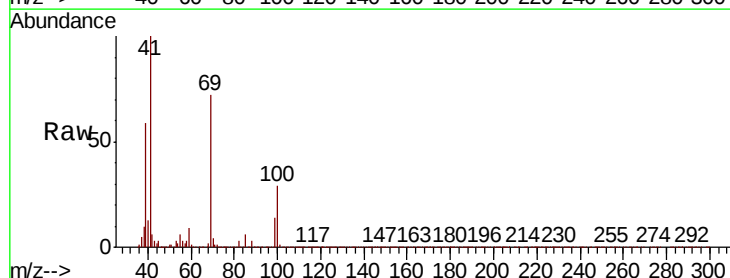
RT: 7.75 min Scan# 1125

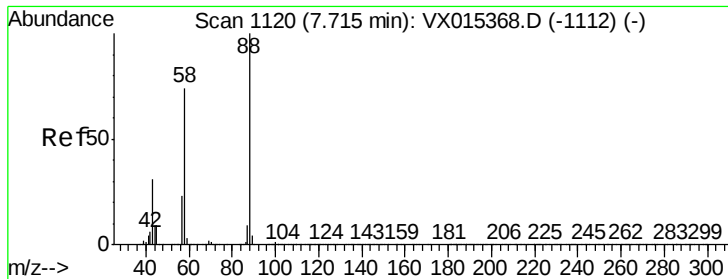
Delta R.T. -0.01 min

Lab File: VX015426.D

Acq: 30 Mar 2020 14:34

Tgt Ion:	41	Resp:	323373
Ion	Ratio	Lower	Upper
41	100		
69	72.1	56.7	85.1
39	58.1	46.5	69.7





#49

1,4-Dioxane

Concen: 340.628 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. 0.00 min

Lab File: VX015426.D

Acq: 30 Mar 2020 14:34

Instrument :

MSVOA_X

ClientSampleId :

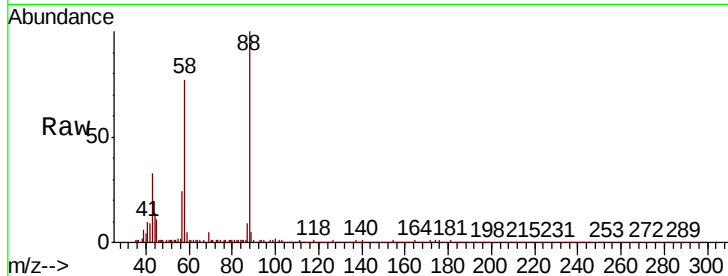
Tot Ion: 88 Resp: 110204

Ion Ratio Lower Upper

88 100

43 40.4 30.1 45.1

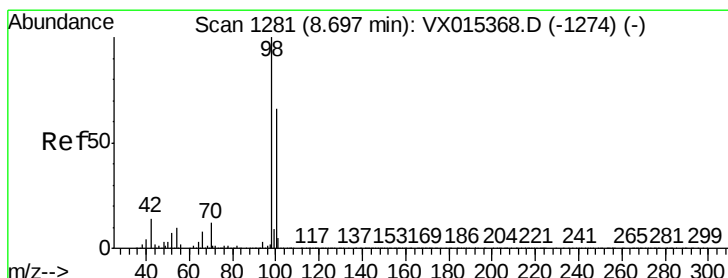
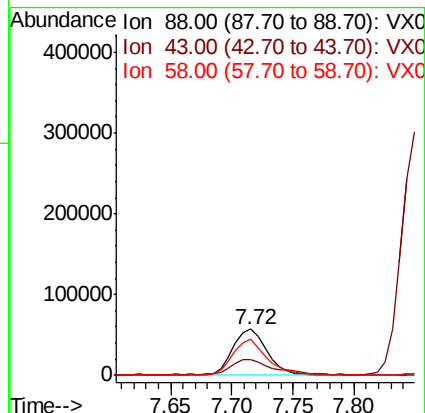
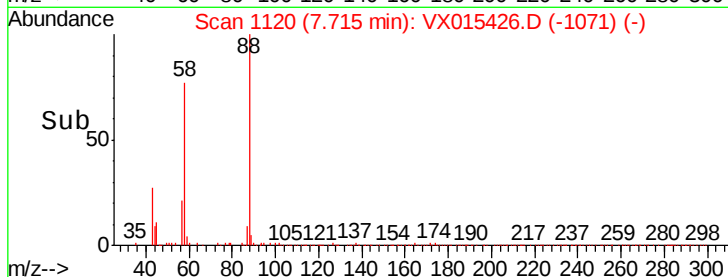
58 77.0 60.6 90.8



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.426 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015426.D

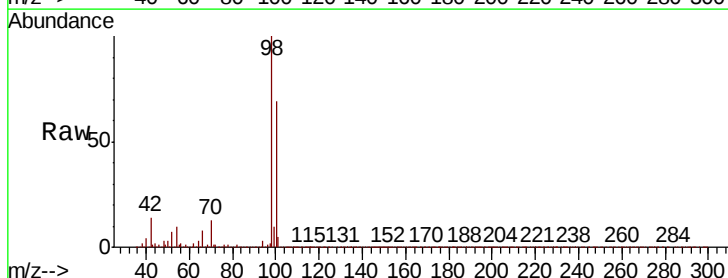
Acq: 30 Mar 2020 14:34

Tgt Ion: 98 Resp: 1994248

Ion Ratio Lower Upper

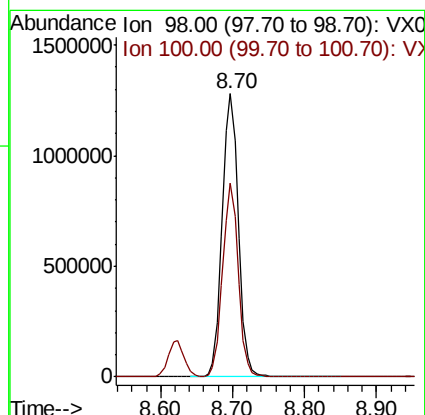
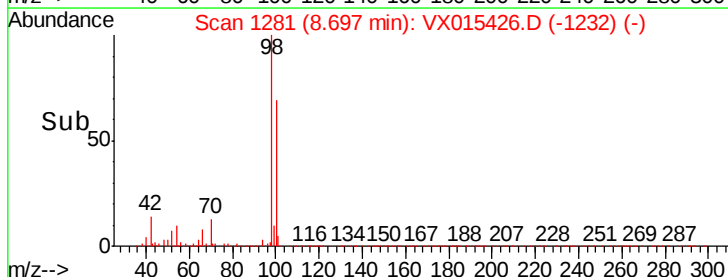
98 100

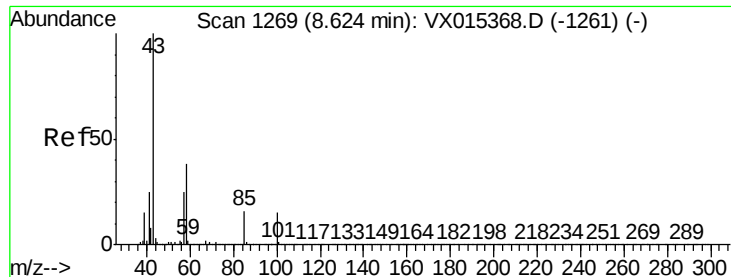
100 66.5 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 94.214 ug/l

RT: 8.62 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX015426.D

Acq: 30 Mar 2020 14:34

Instrument :

MSVOA_X

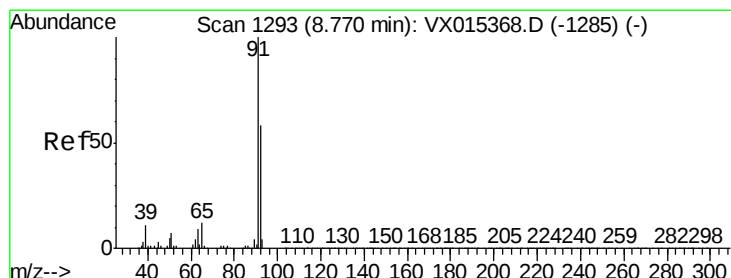
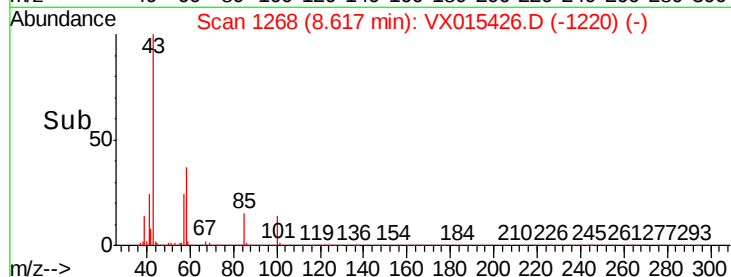
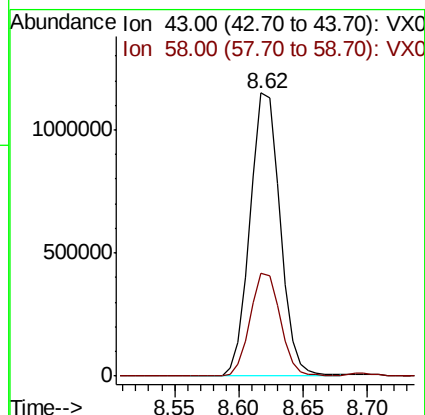
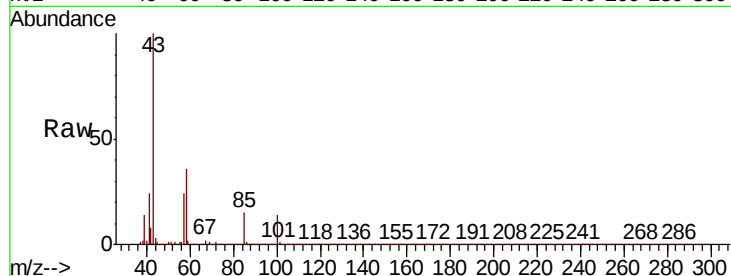
ClientSampleId :

Tot Ion: 43 Resp: 1853881

Ion Ratio Lower Upper

43 100

58 36.4 29.7 44.5



#52

Toluene

Concen: 19.967 ug/l

RT: 8.76 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VX015426.D

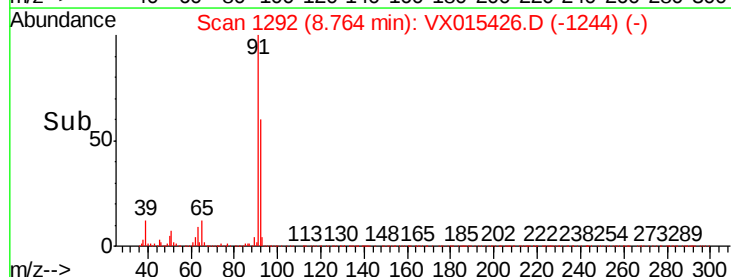
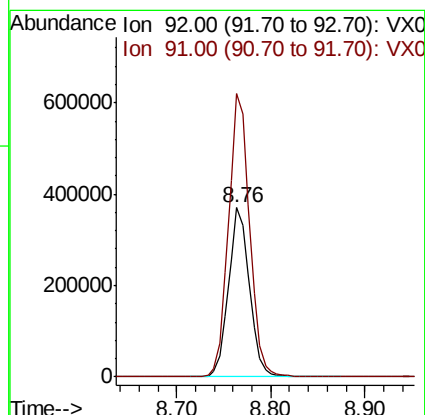
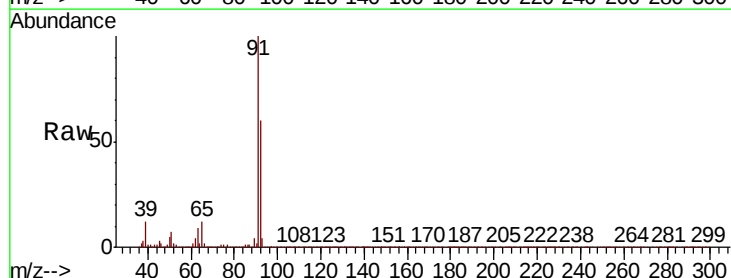
Acq: 30 Mar 2020 14:34

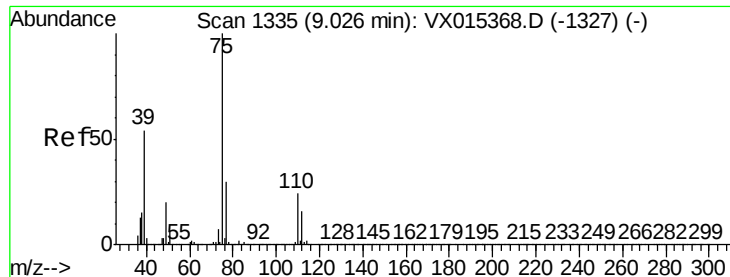
Tgt Ion: 92 Resp: 569623

Ion Ratio Lower Upper

92 100

91 168.6 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 19.229 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX015426.D

Acq: 30 Mar 2020 14:34

Instrument :

MSVOA_X

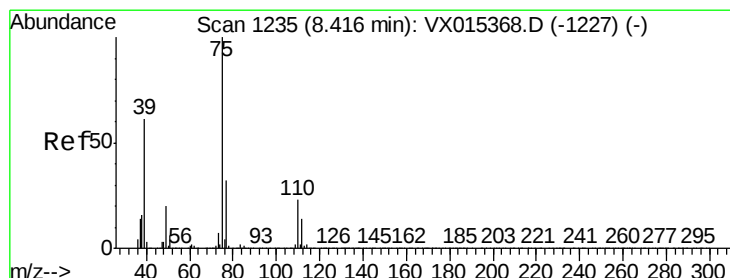
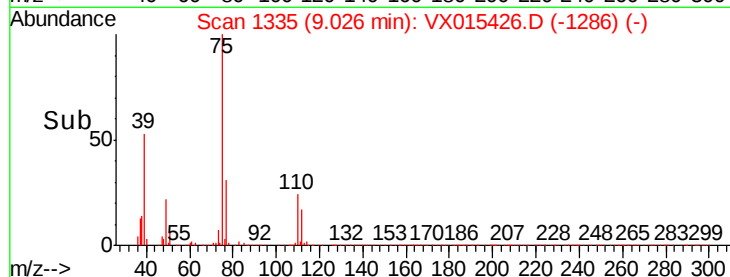
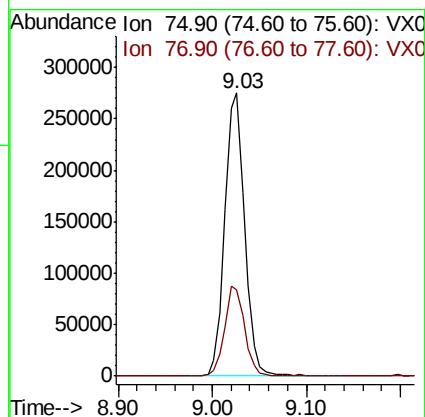
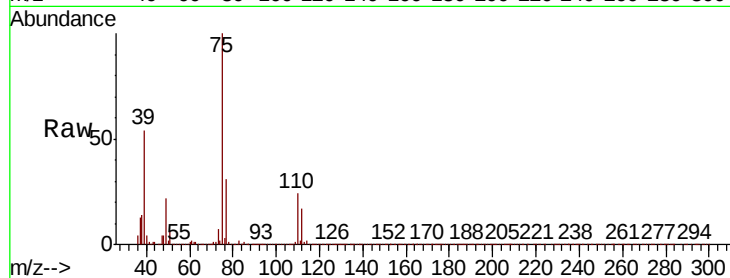
ClientSampleId :

Tot Ion: 75 Resp: 399026

Ion Ratio Lower Upper

75 100

77 30.5 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 19.993 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VX015426.D

Acq: 30 Mar 2020 14:34

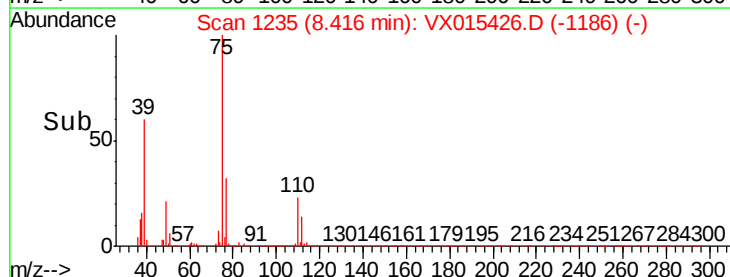
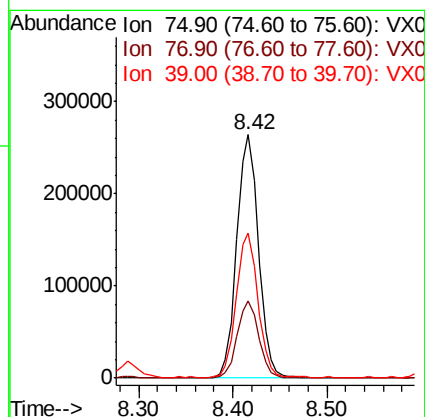
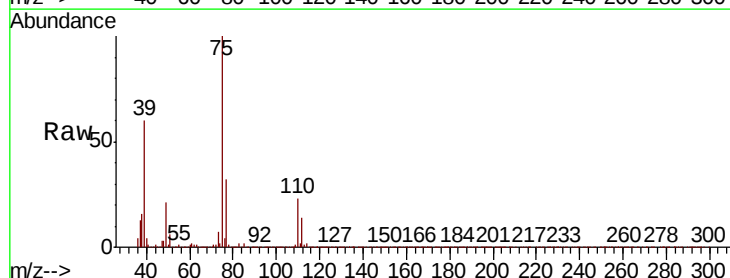
Tgt Ion: 75 Resp: 422609

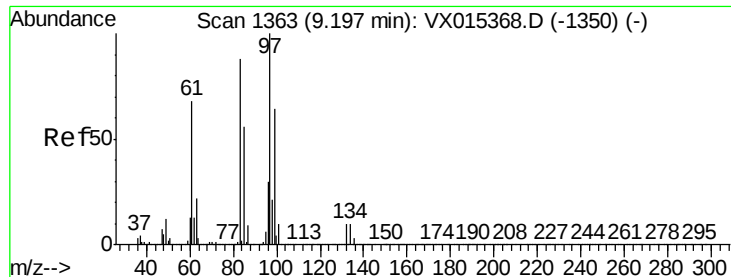
Ion Ratio Lower Upper

75 100

77 31.8 25.8 38.6

39 59.4 49.0 73.4

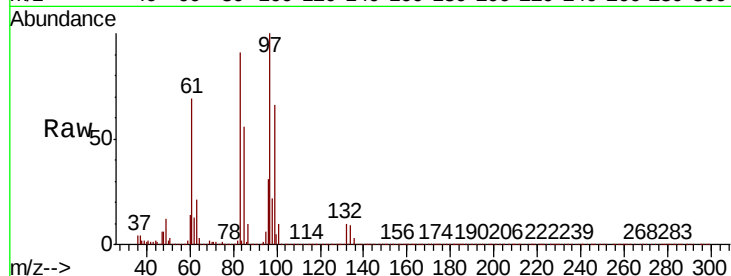




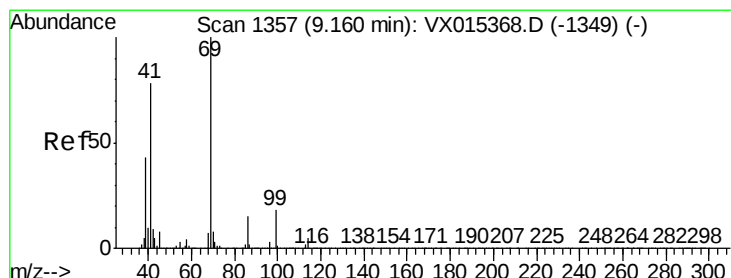
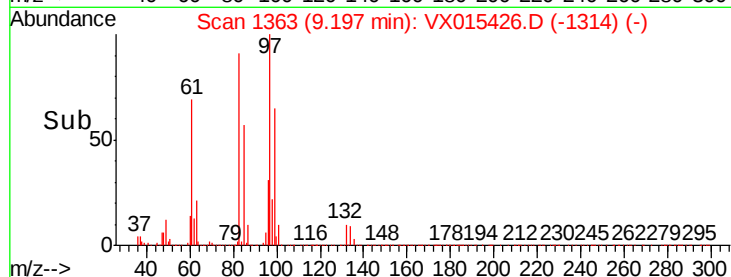
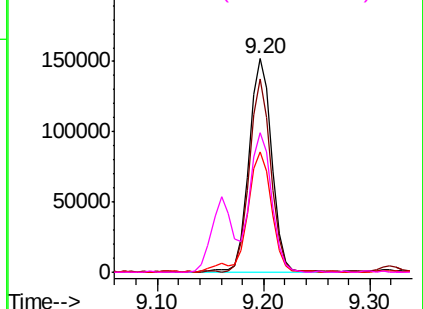
#55
 1,1,2-Trichloroethane
 Concen: 19.338 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VX015426.D
 Acq: 30 Mar 2020 14:34

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	226027
Ion	Ratio	Lower	Upper
97	100		
83	90.4	70.2	105.4
85	56.4	44.7	67.1
99	65.4	51.1	76.7

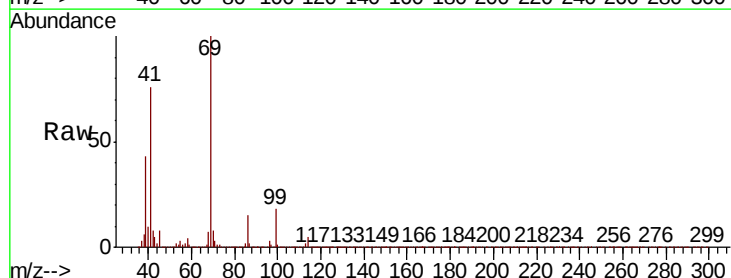


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

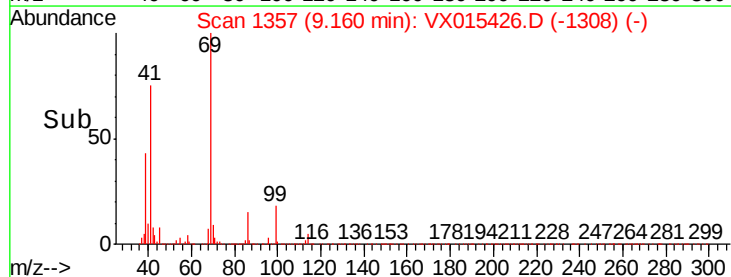
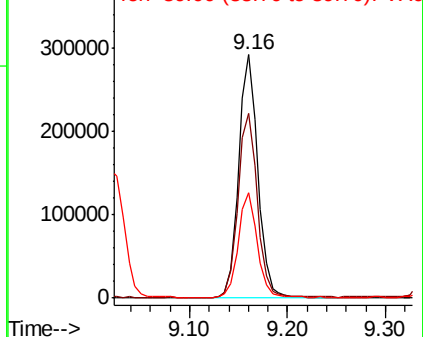


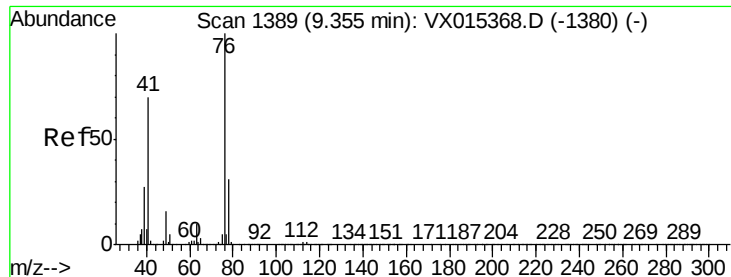
#56
 Ethyl methacrylate
 Concen: 19.291 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: VX015426.D
 Acq: 30 Mar 2020 14:34

Tgt Ion:	69	Resp:	397376
Ion	Ratio	Lower	Upper
69	100		
41	76.3	61.6	92.4
39	42.7	34.0	51.0



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: 19.387 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015426.D

Acq: 30 Mar 2020 14:34

Instrument :

MSVOA_X

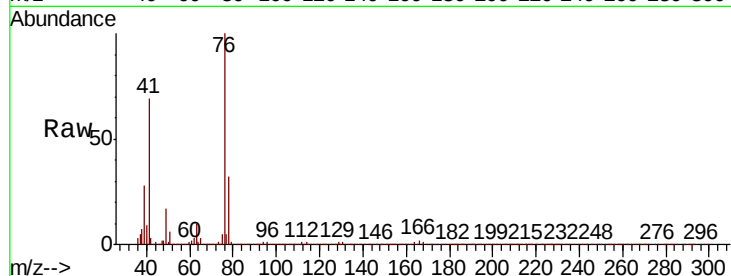
ClientSampleId :

Tot Ion: 76 Resp: 408264

Ion Ratio Lower Upper

76 100

78 31.7 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.36

250000

200000

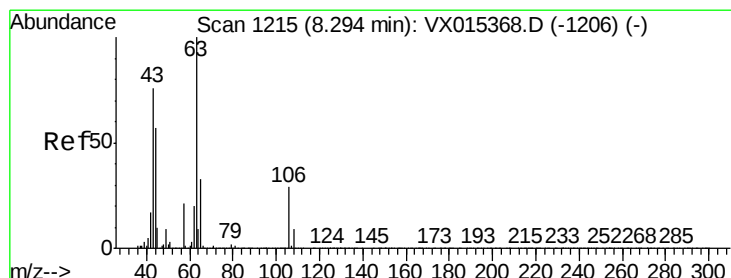
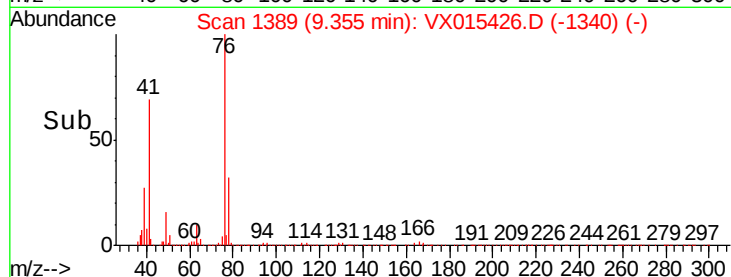
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 99.041 ug/l

RT: 8.29 min Scan# 1214

Delta R.T. -0.01 min

Lab File: VX015426.D

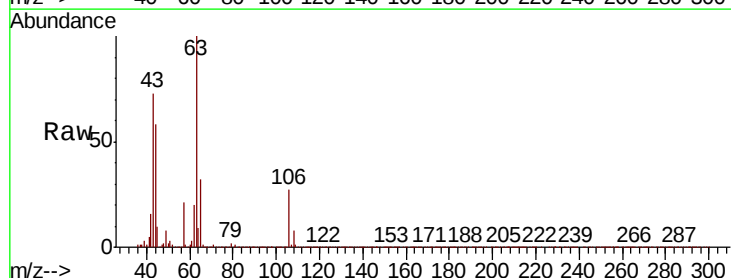
Acq: 30 Mar 2020 14:34

Tgt Ion: 63 Resp: 992331

Ion Ratio Lower Upper

63 100

106 27.4 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

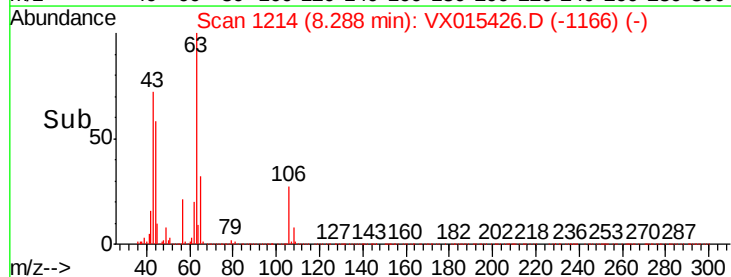
600000

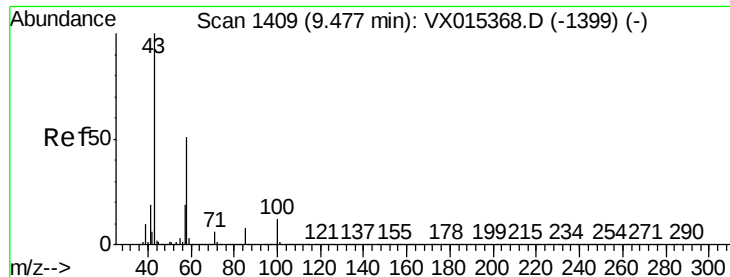
400000

200000

0

Time-->

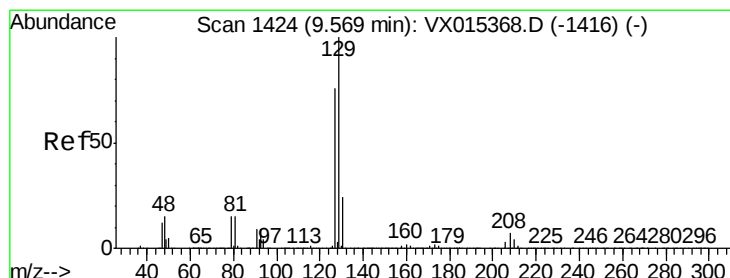
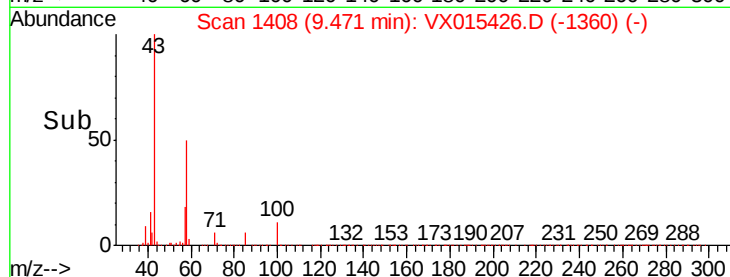
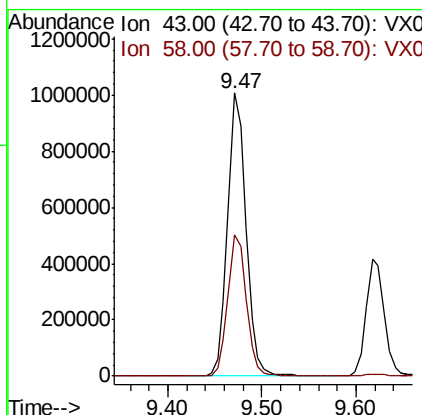
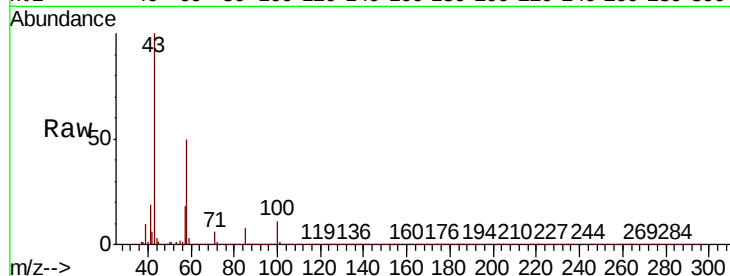




#59
2-Hexanone
Concen: 92.721 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015426.D
Acq: 30 Mar 2020 14:34

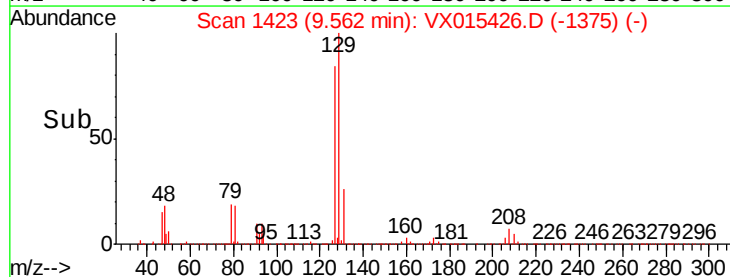
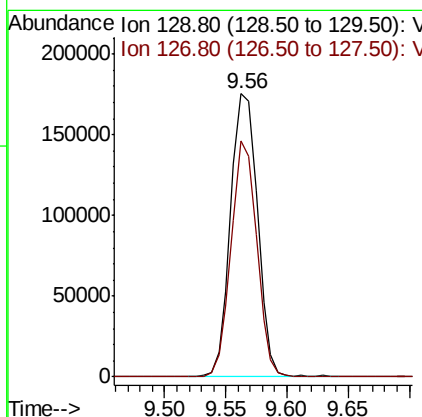
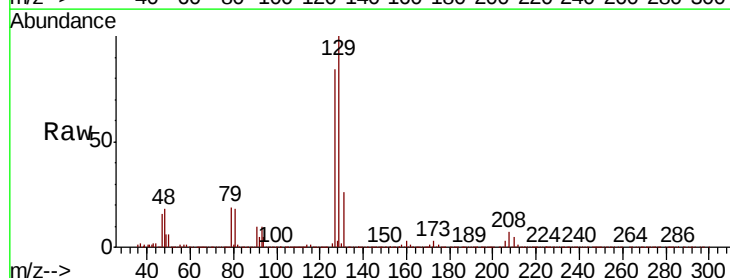
Instrument :
MSVOA_X
ClientSampleId :

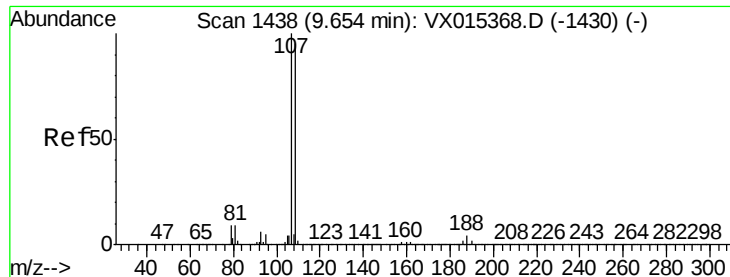
Tot Ion: 43 Resp: 1377457
Ion Ratio Lower Upper
43 100
58 50.5 25.6 76.6



#60
Dibromochloromethane
Concen: 19.007 ug/l
RT: 9.56 min Scan# 1423
Delta R.T. -0.01 min
Lab File: VX015426.D
Acq: 30 Mar 2020 14:34

Tgt Ion: 129 Resp: 266956
Ion Ratio Lower Upper
129 100
127 79.1 38.2 114.6

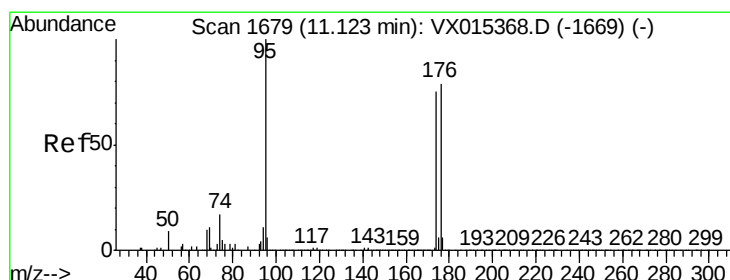
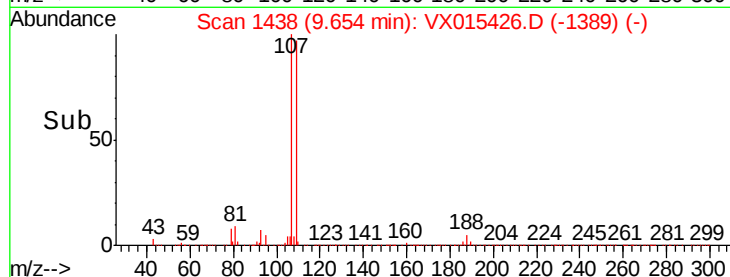
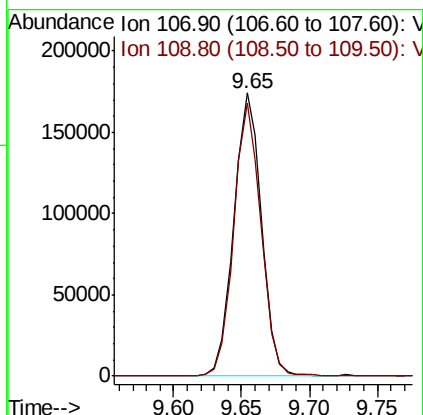
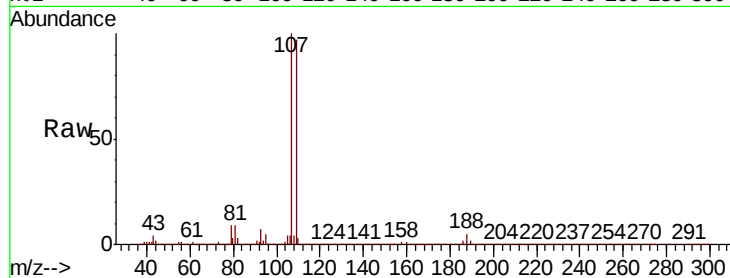




#61
 1,2-Dibromoethane
 Concen: 19.235 ug/l
 RT: 9.65 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: VX015426.D
 Acq: 30 Mar 2020 14:34

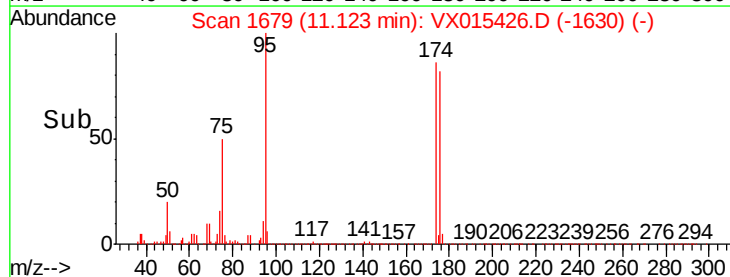
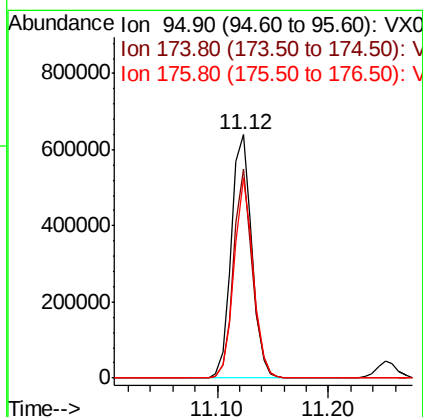
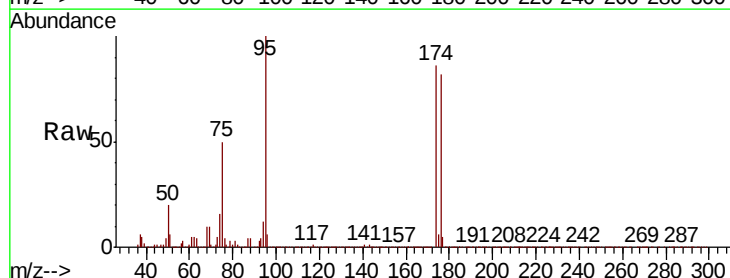
Instrument :
 MSVOA_X
 ClientSampleId :

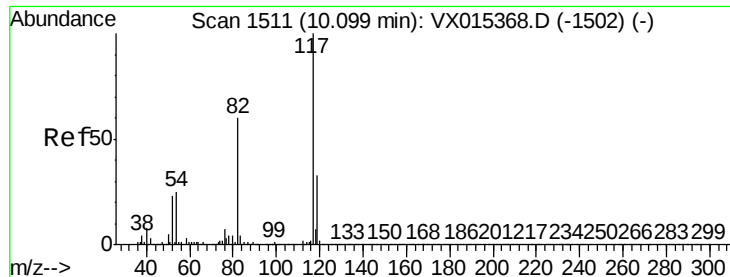
Tot Ion:107 Resp: 244457
 Ion Ratio Lower Upper
 107 100
 109 94.8 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 49.720 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: VX015426.D
 Acq: 30 Mar 2020 14:34

Tgt Ion: 95 Resp: 815296
 Ion Ratio Lower Upper
 95 100
 174 78.6 0.0 158.6
 176 76.7 0.0 159.0

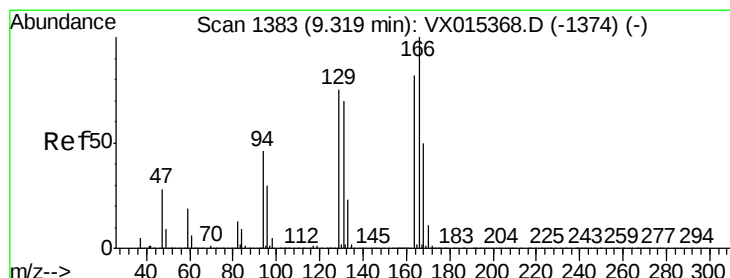
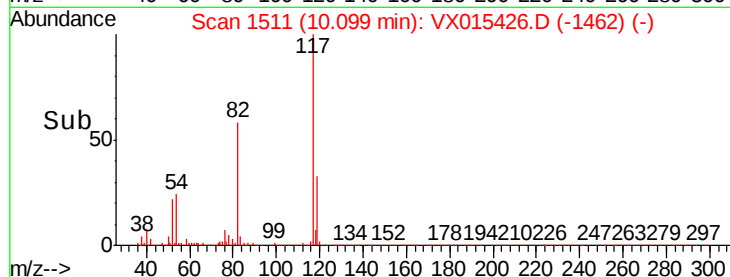
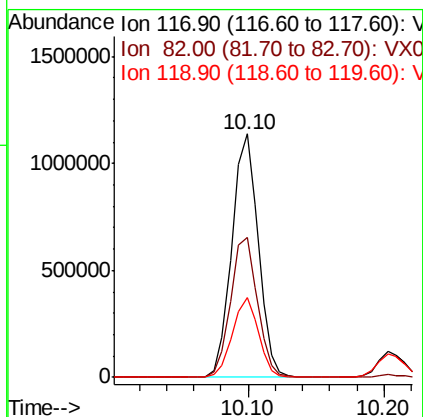
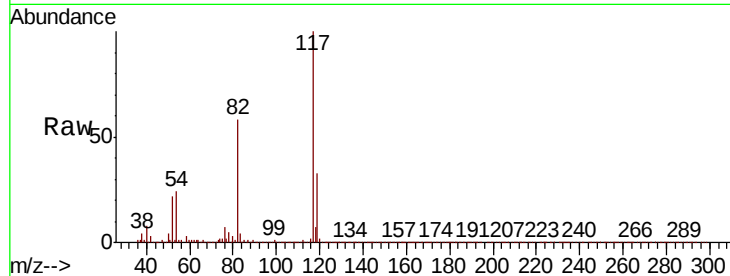




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015426.D
Acq: 30 Mar 2020 14:34

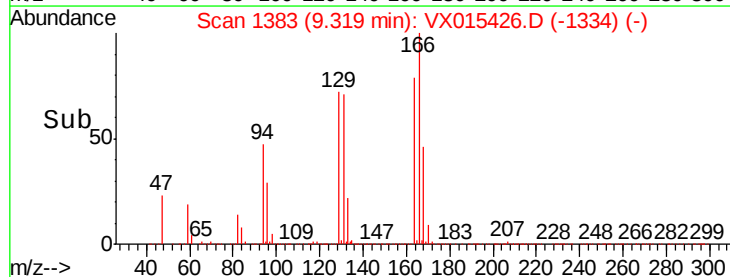
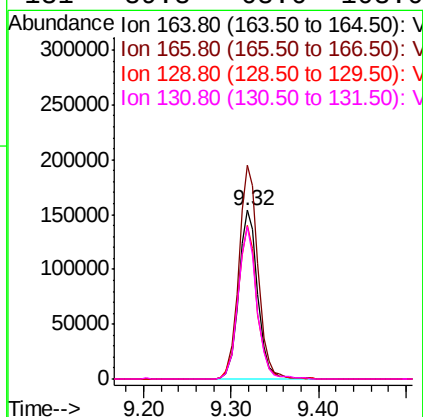
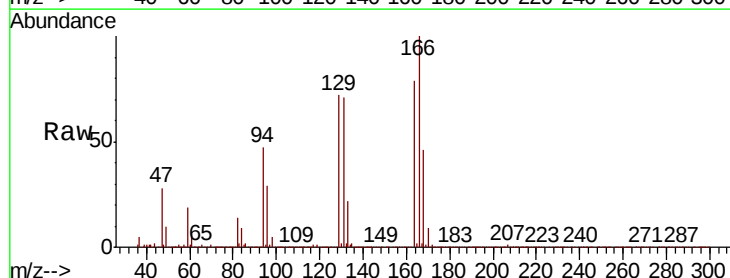
Instrument :
MSVOA_X
ClientSampled :

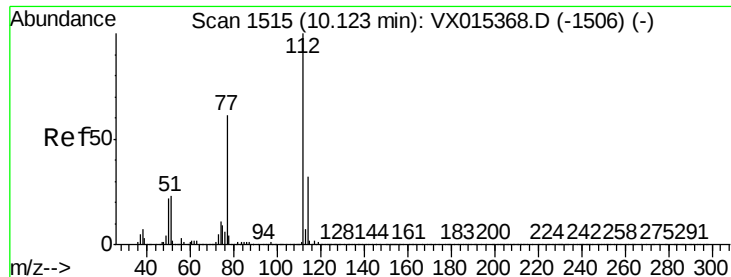
Tot Ion:117 Resp: 1540024
Ion Ratio Lower Upper
117 100
82 57.6 47.8 71.8
119 32.7 26.8 40.2



#64
Tetrachloroethene
Concen: 20.117 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015426.D
Acq: 30 Mar 2020 14:34

Tgt Ion:164 Resp: 233799
Ion Ratio Lower Upper
164 100
166 126.6 97.8 146.6
129 91.1 73.0 109.4
131 89.8 68.6 103.0





#65

Chlorobenzene

Concen: 19.899 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VX015426.D

Acq: 30 Mar 2020 14:34

Instrument :

MSVOA_X

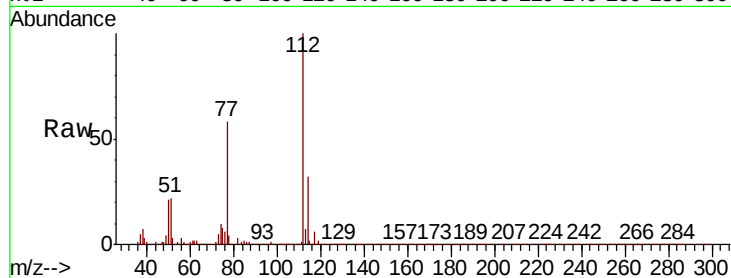
ClientSampleId :

Tot Ion:112 Resp: 611161

Ion Ratio Lower Upper

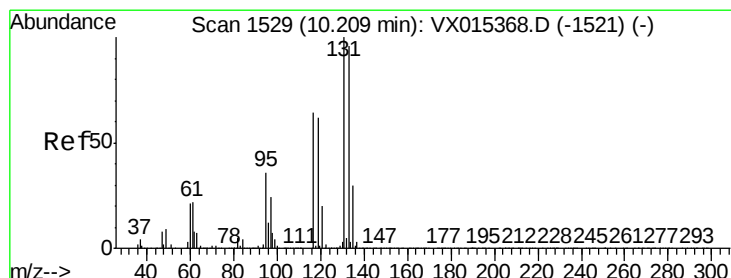
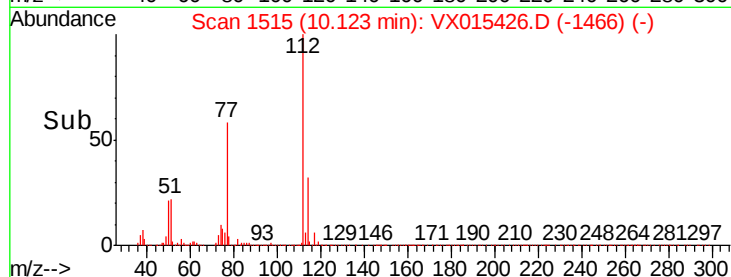
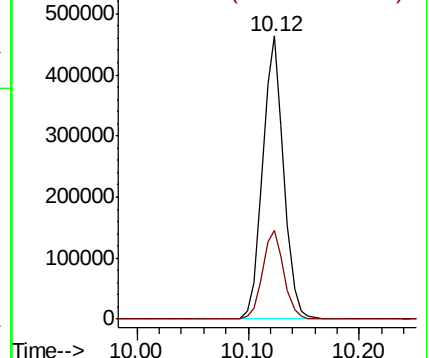
112 100

114 31.6 25.5 38.3



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: 19.436 ug/l

RT: 10.20 min Scan# 1528

Delta R.T. -0.01 min

Lab File: VX015426.D

Acq: 30 Mar 2020 14:34

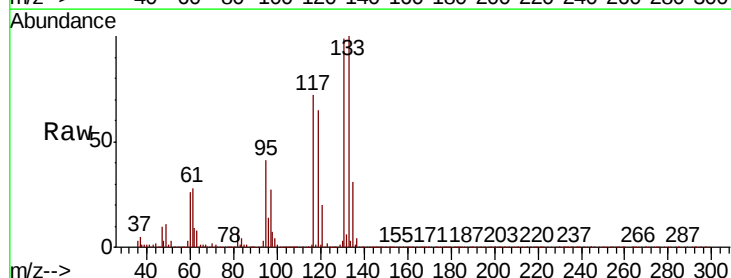
Tgt Ion:131 Resp: 238477

Ion Ratio Lower Upper

131 100

133 95.0 47.6 142.9

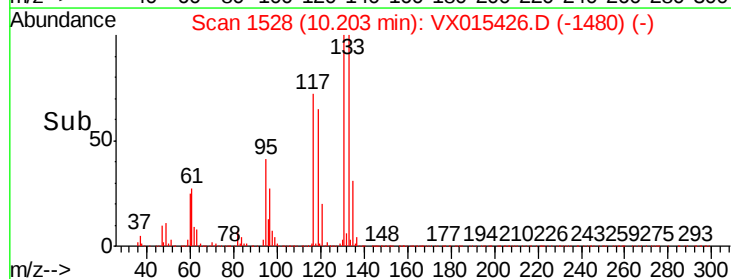
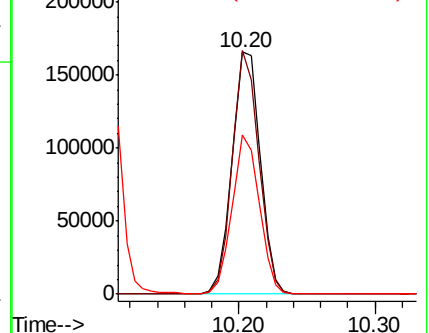
119 63.5 31.1 93.3

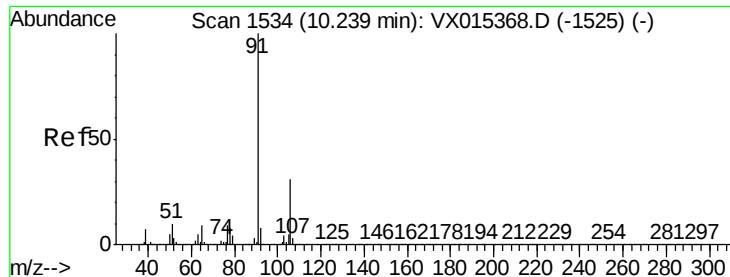


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.503 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VX015426.D

Acq: 30 Mar 2020 14:34

Instrument :

MSVOA_X

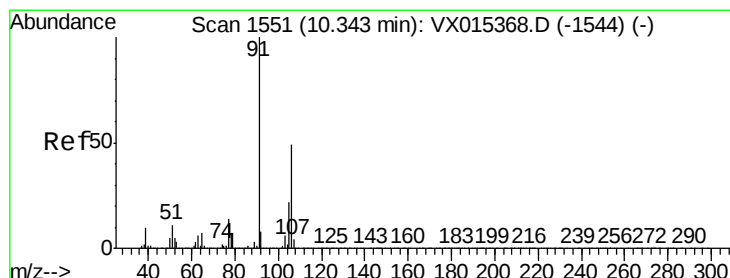
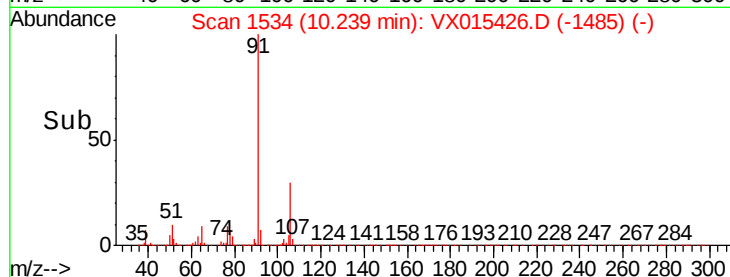
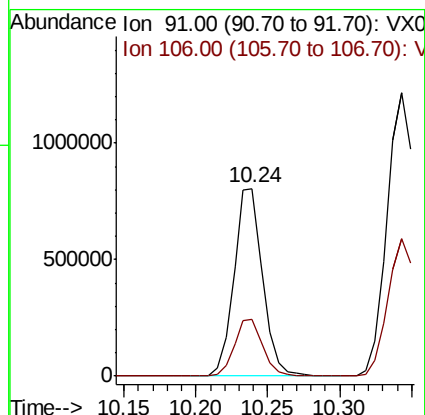
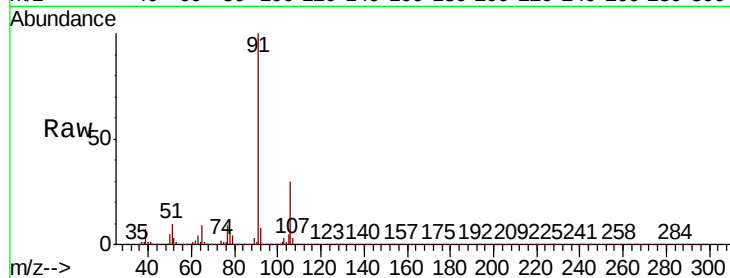
ClientSampleId :

Tot Ion: 91 Resp: 1116858

Ion Ratio Lower Upper

91 100

106 30.1 24.8 37.2



#68

m/p-Xylenes

Concen: 40.324 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015426.D

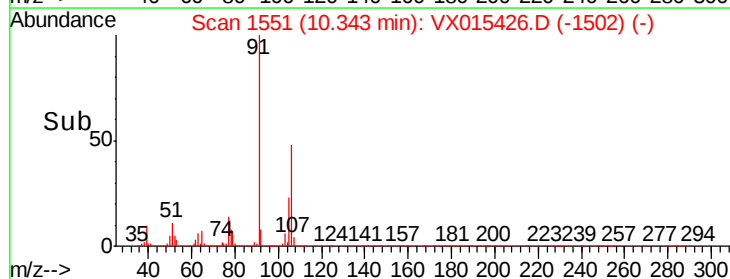
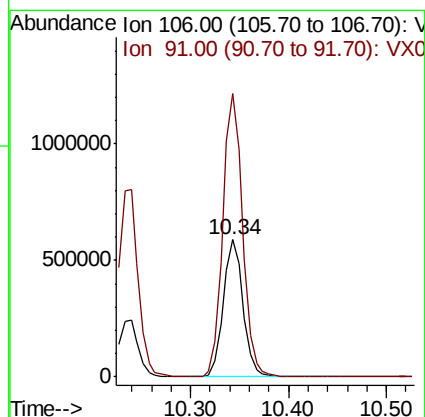
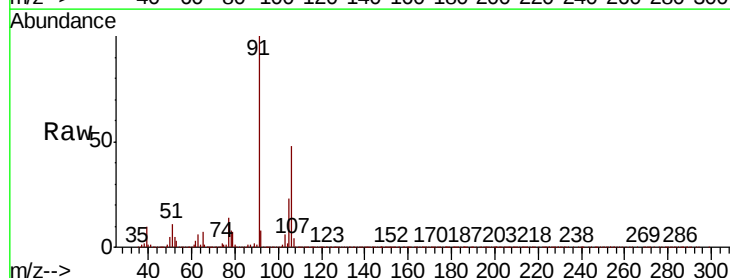
Acq: 30 Mar 2020 14:34

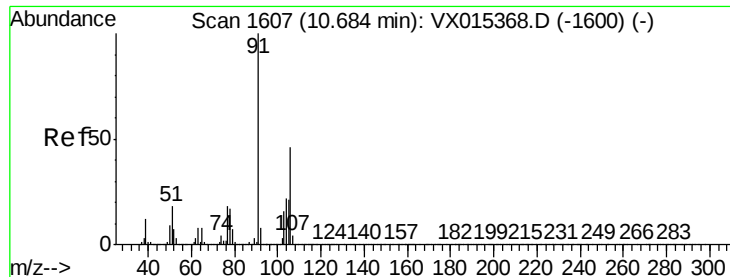
Tgt Ion: 106 Resp: 817903

Ion Ratio Lower Upper

106 100

91 208.4 163.4 245.0

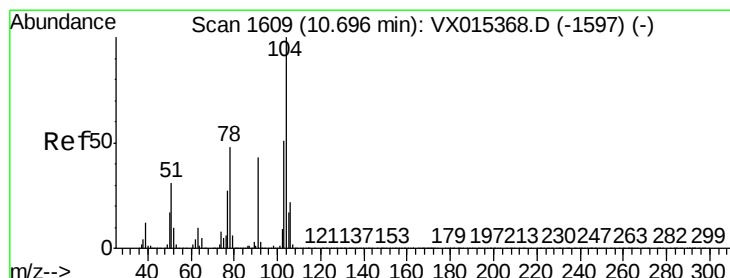
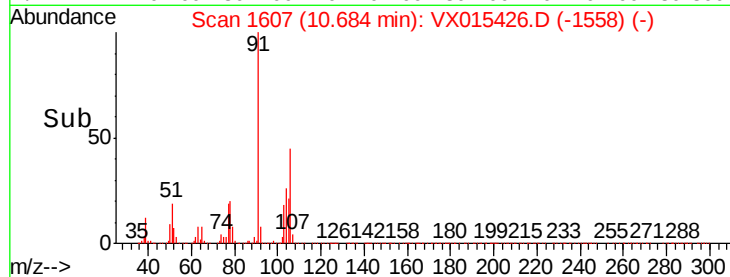
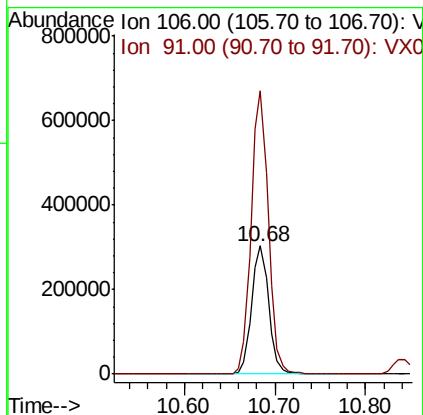
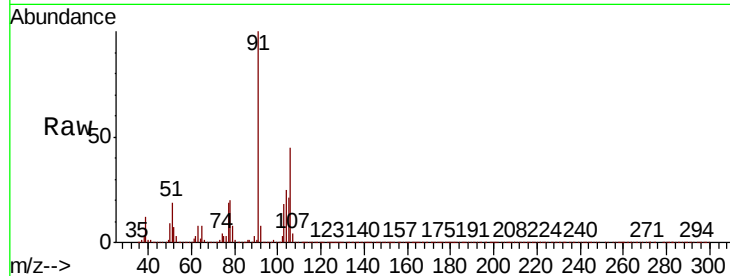




#69
o-Xylene
Concen: 19.943 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015426.D
Acq: 30 Mar 2020 14:34

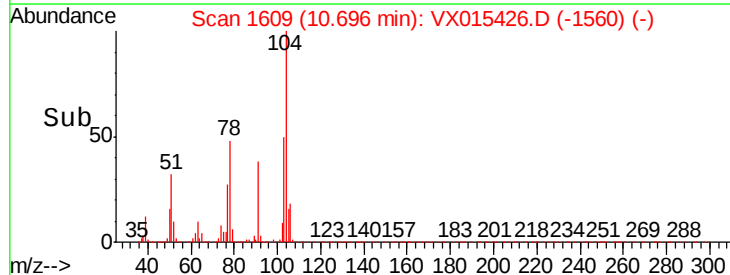
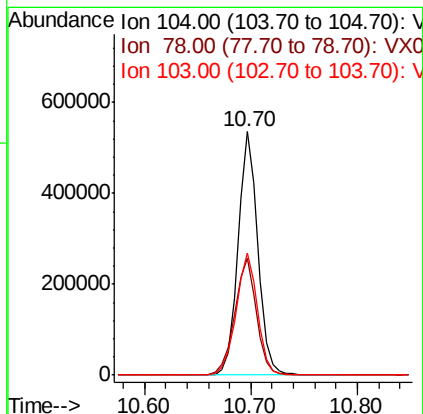
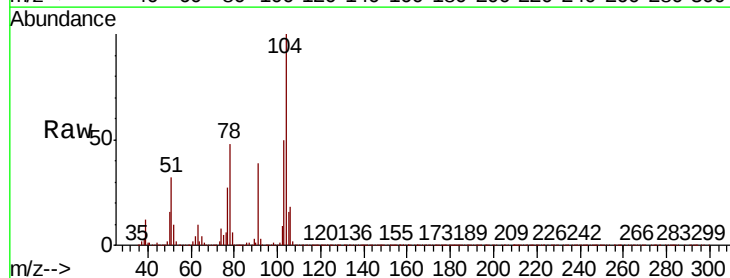
Instrument :
MSVOA_X
ClientSampleId :

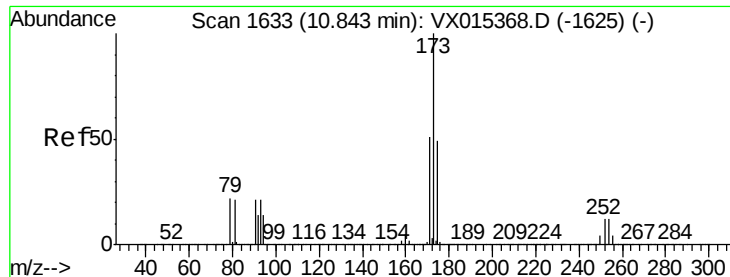
Tot Ion:106 Resp: 399722
Ion Ratio Lower Upper
106 100
91 219.6 107.1 321.3



#70
Styrene
Concen: 19.834 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015426.D
Acq: 30 Mar 2020 14:34

Tgt Ion:104 Resp: 699545
Ion Ratio Lower Upper
104 100
78 52.7 42.0 63.0
103 54.2 43.4 65.0





#71

Bromoform

Concen: 18.121 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VX015426.D

Acq: 30 Mar 2020 14:34

Instrument :

MSVOA_X

ClientSampleId :

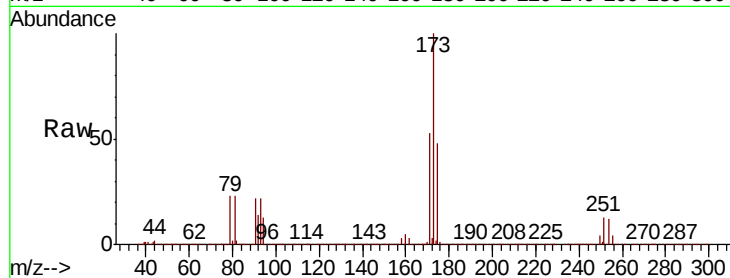
Tot Ion:173 Resp: 202404

Ion Ratio Lower Upper

173 100

175 49.7 23.9 71.7

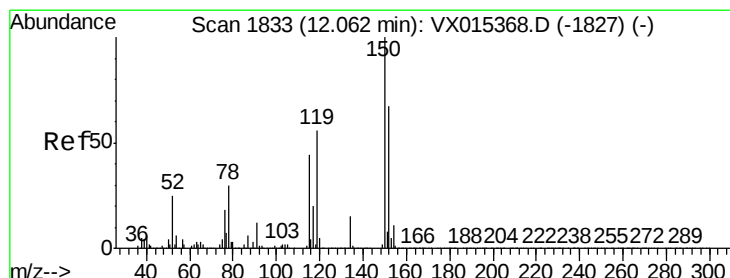
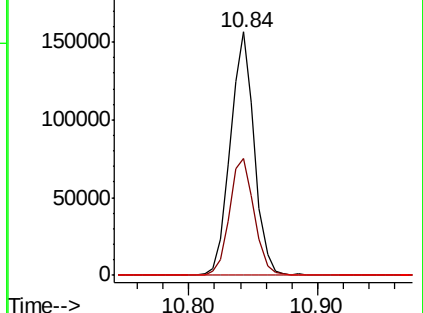
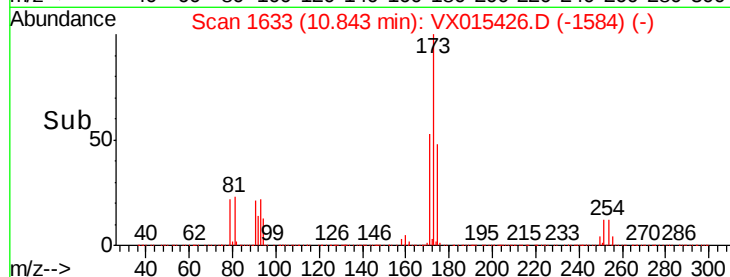
254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015426.D

Acq: 30 Mar 2020 14:34

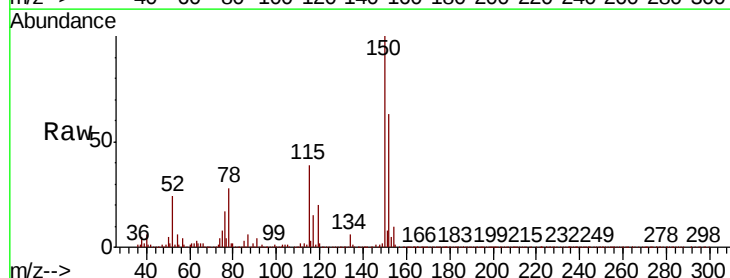
Tgt Ion:152 Resp: 817331

Ion Ratio Lower Upper

152 100

115 68.5 39.0 116.9

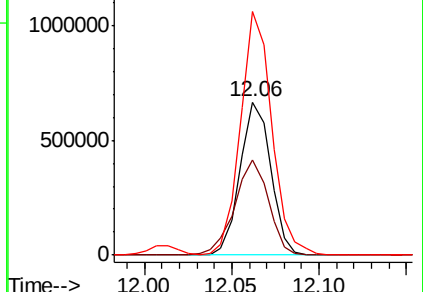
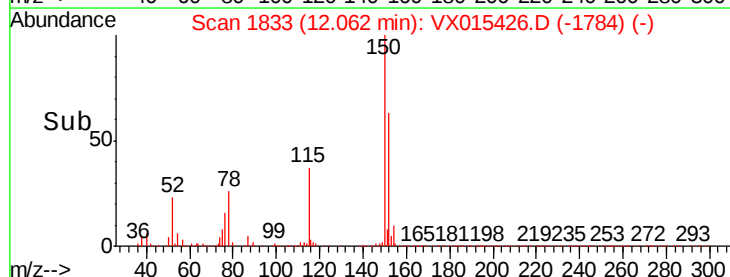
150 162.2 0.0 340.8

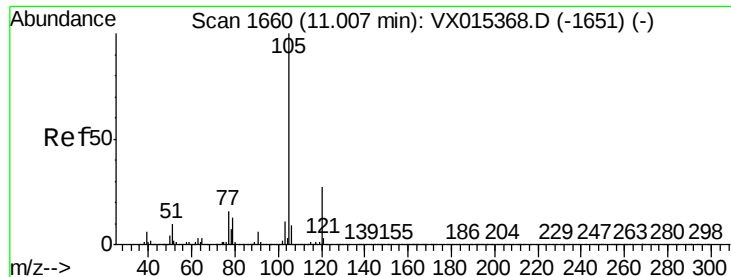


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.953 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015426.D

Acq: 30 Mar 2020 14:34

Instrument :

MSVOA_X

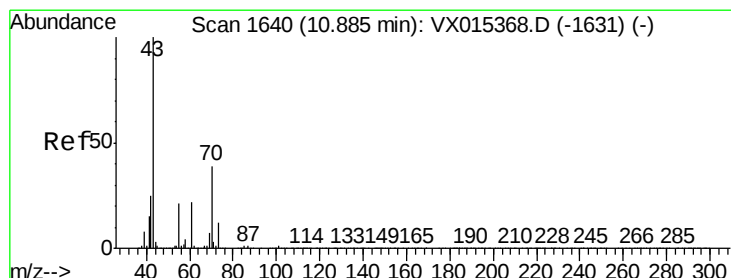
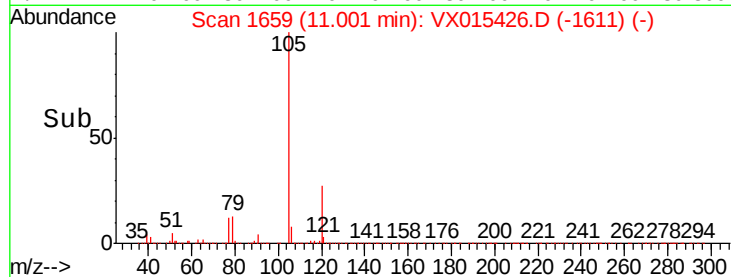
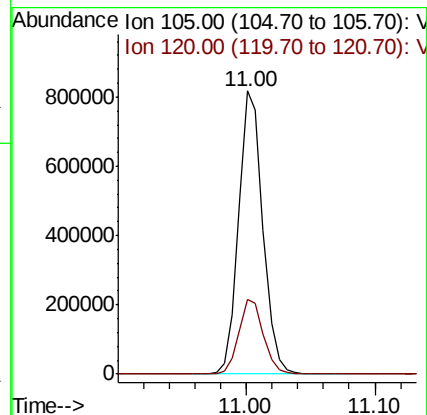
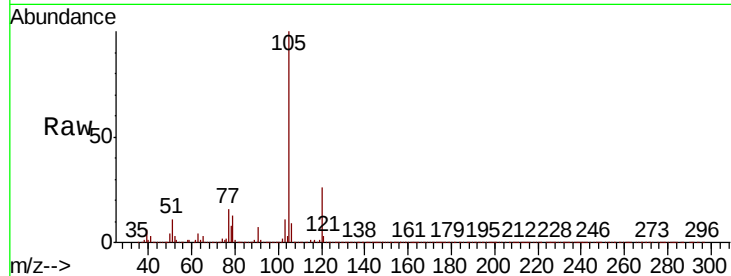
ClientSampleId :

Tot Ion:105 Resp: 1068538

Ion Ratio Lower Upper

105 100

120 26.7 13.2 39.5



#74

N-ethyl acetate

Concen: 18.986 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015426.D

Acq: 30 Mar 2020 14:34

Tgt Ion: 43 Resp: 565490

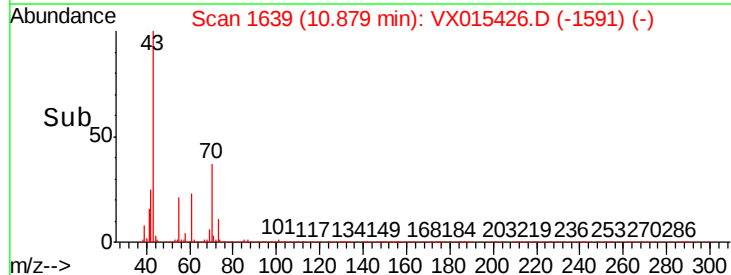
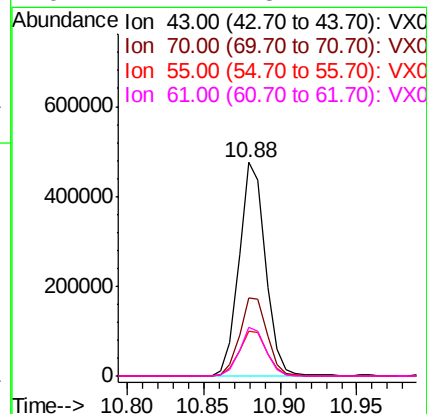
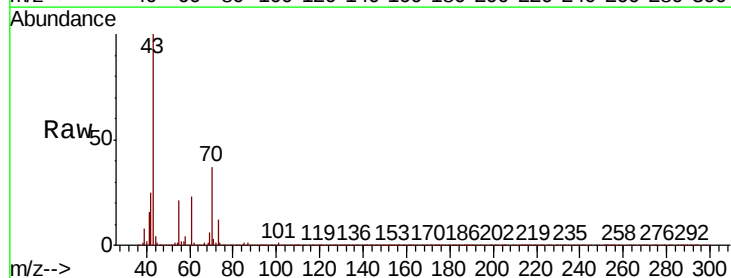
Ion Ratio Lower Upper

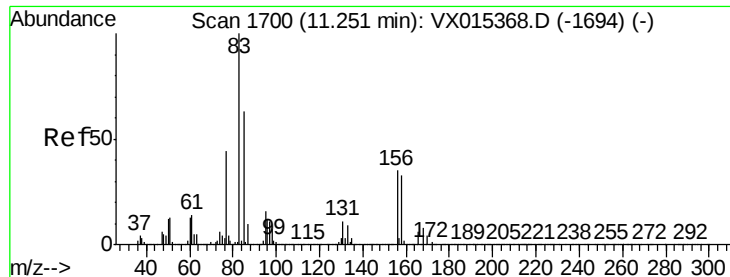
43 100

70 37.9 30.2 45.4

55 22.2 16.8 25.2

61 22.7 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.759 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015426.D

Acq: 30 Mar 2020 14:34

Instrument :

MSVOA_X

ClientSampleId :

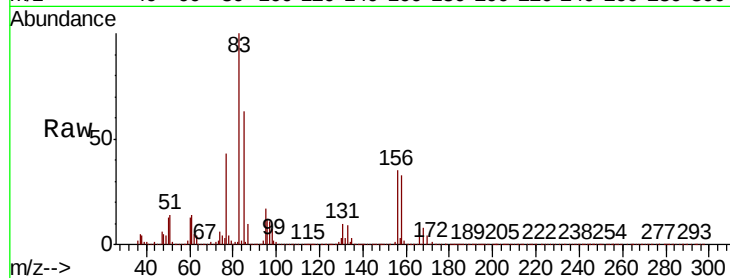
Tot Ion: 83 Resp: 344714

Ion Ratio Lower Upper

83 100

131 10.7 5.3 16.1

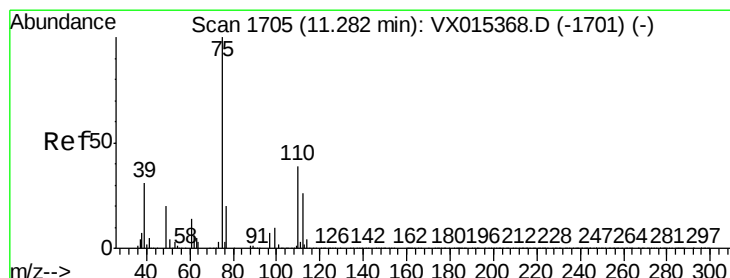
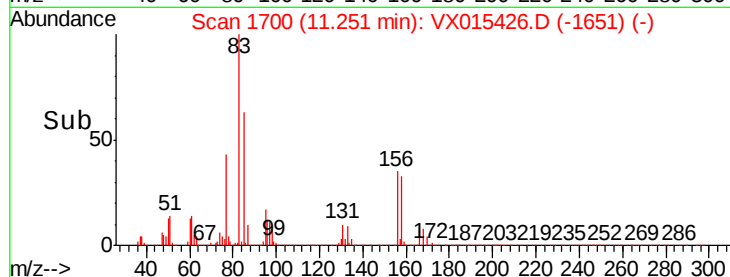
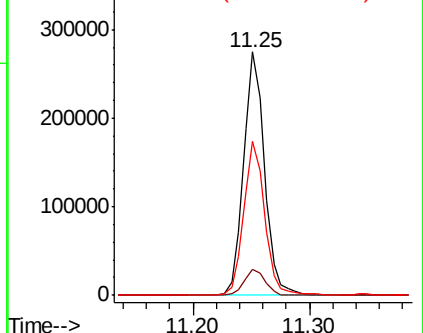
85 63.6 32.0 96.0



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: 24.672 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015426.D

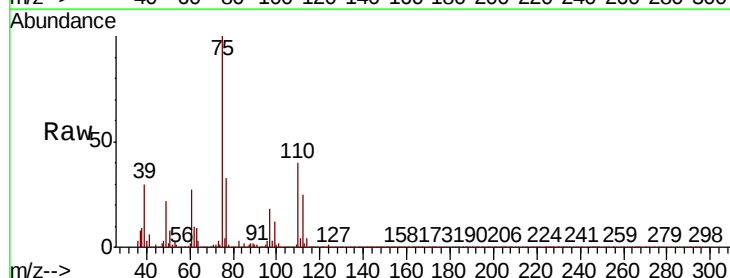
Acq: 30 Mar 2020 14:34

Tgt Ion: 75 Resp: 414685

Ion Ratio Lower Upper

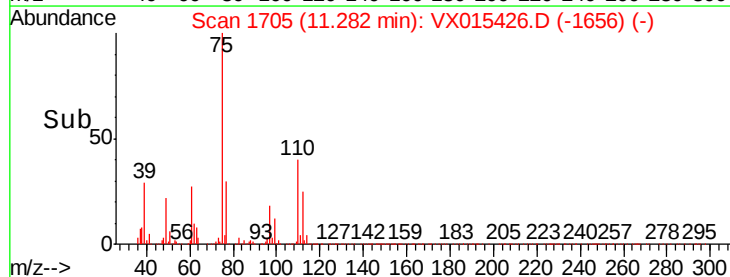
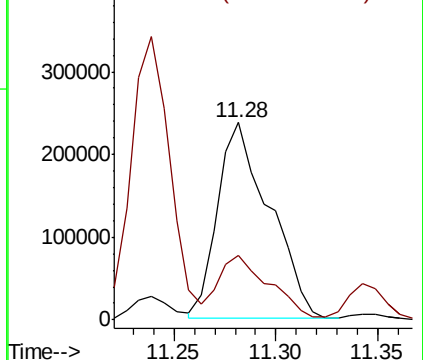
75 100

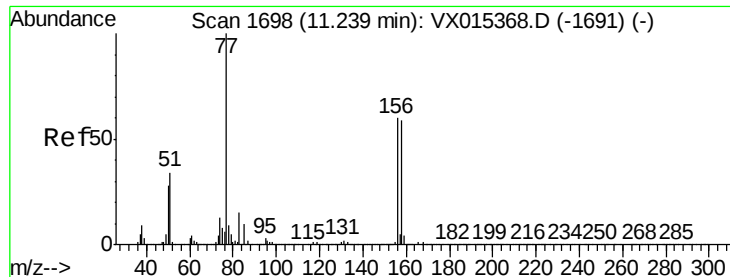
77 32.8 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.463 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015426.D

Acq: 30 Mar 2020 14:34

Instrument :

MSVOA_X

ClientSampleId :

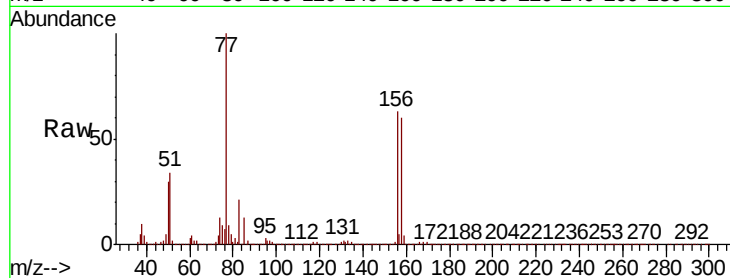
Tot Ion:156 Resp: 278017

Ion Ratio Lower Upper

156 100

77 163.4 82.2 246.5

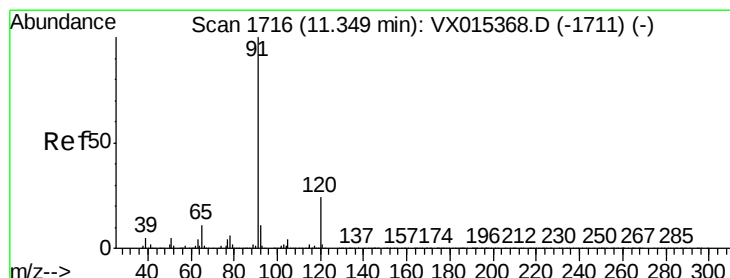
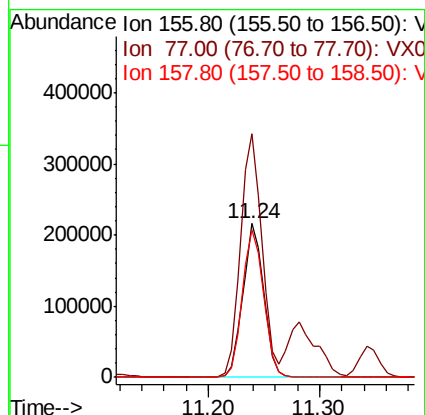
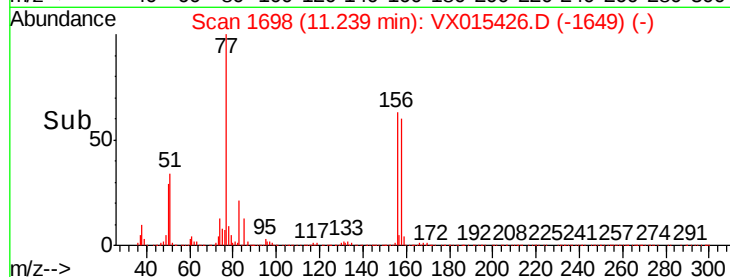
158 98.4 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.429 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.01 min

Lab File: VX015426.D

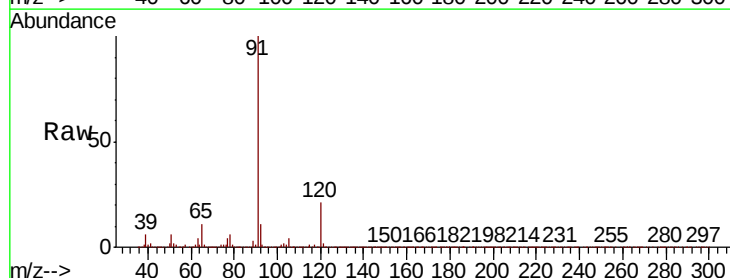
Acq: 30 Mar 2020 14:34

Tgt Ion: 91 Resp: 1251002

Ion Ratio Lower Upper

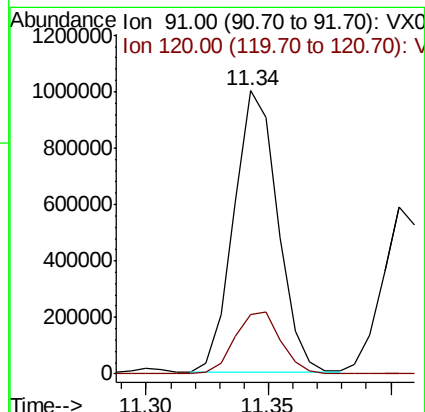
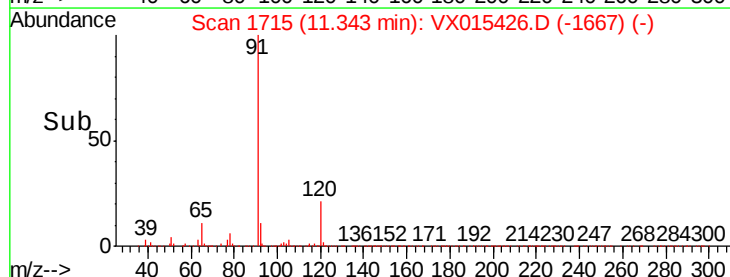
91 100

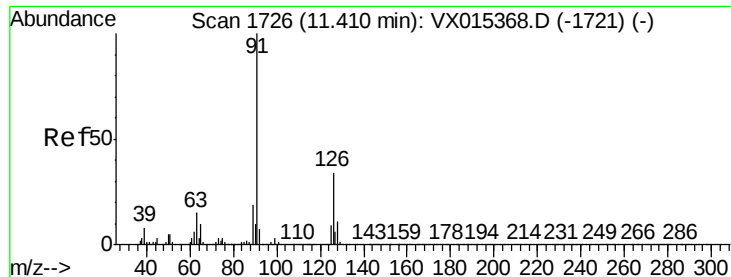
120 23.0 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

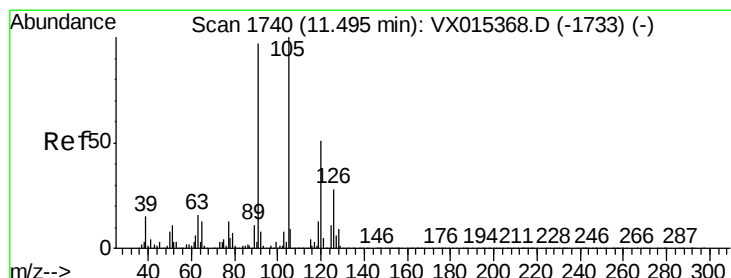
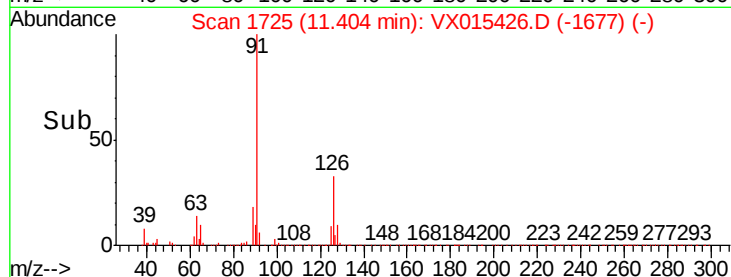
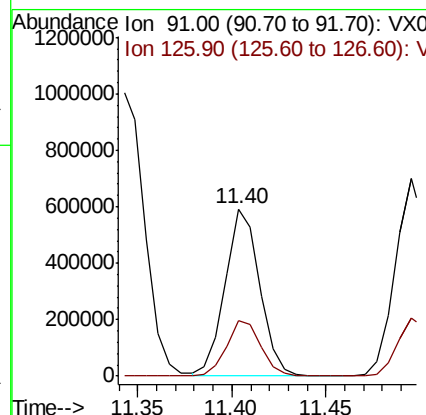
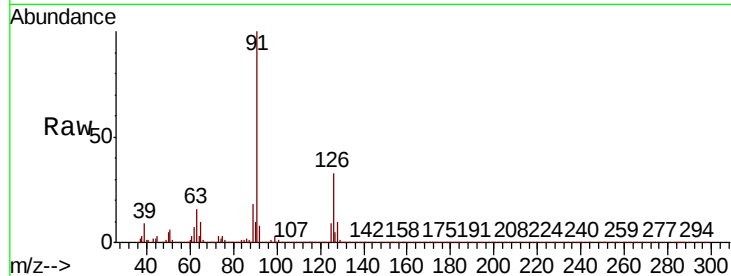




#79
 2-Chlorotoluene
 Concen: 19.925 ug/l
 RT: 11.40 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: VX015426.D
 Acq: 30 Mar 2020 14:34

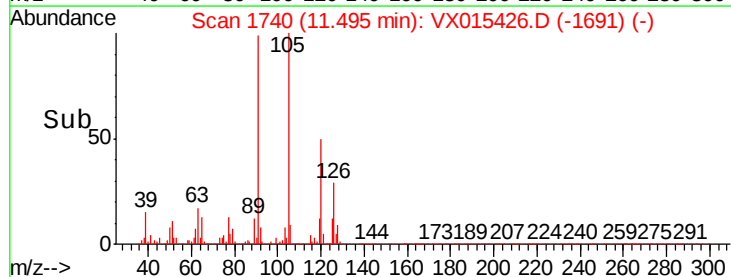
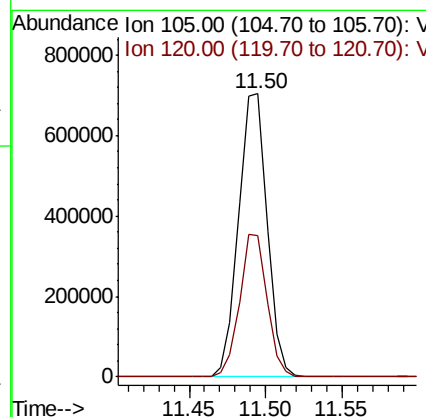
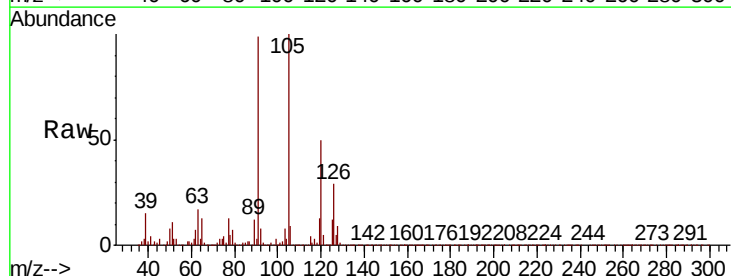
Instrument :
 MSVOA_X
 ClientSampled :

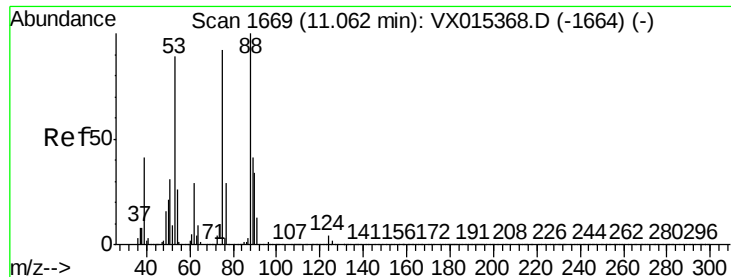
Tot Ion: 91 Resp: 747862
 Ion Ratio Lower Upper
 91 100
 126 33.1 16.5 49.5



#80
 1,3,5-Trimethylbenzene
 Concen: 19.929 ug/l
 RT: 11.50 min Scan# 1740
 Delta R.T. 0.00 min
 Lab File: VX015426.D
 Acq: 30 Mar 2020 14:34

Tgt Ion: 105 Resp: 911471
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 18.479 ug/l

RT: 11.06 min Scan# 1668

Delta R.T. -0.01 min

Lab File: VX015426.D

Acq: 30 Mar 2020 14:34

Instrument :

MSVOA_X

ClientSampleId :

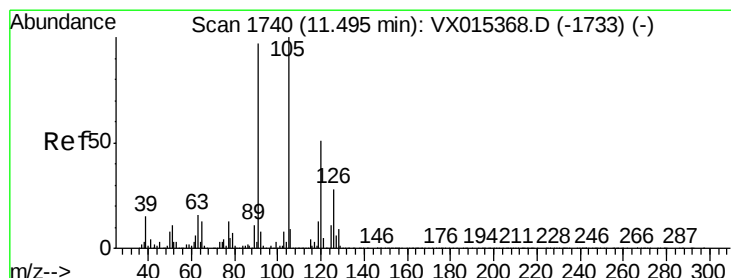
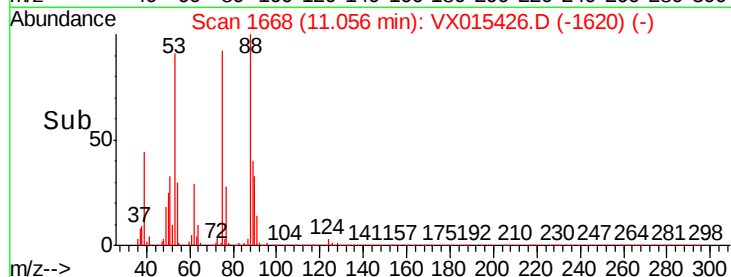
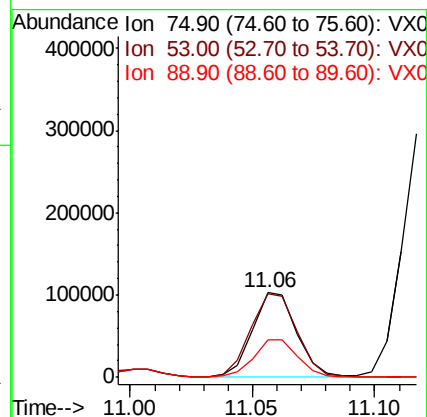
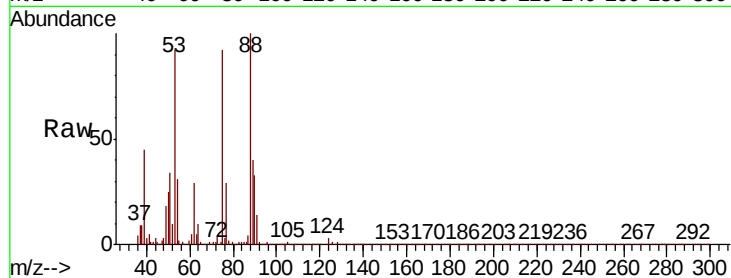
Tot Ion: 75 Resp: 129439

Ion Ratio Lower Upper

75 100

53 102.6 80.1 120.1

89 45.2 36.1 54.1



#82

4-Chlorotoluene

Concen: 20.117 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015426.D

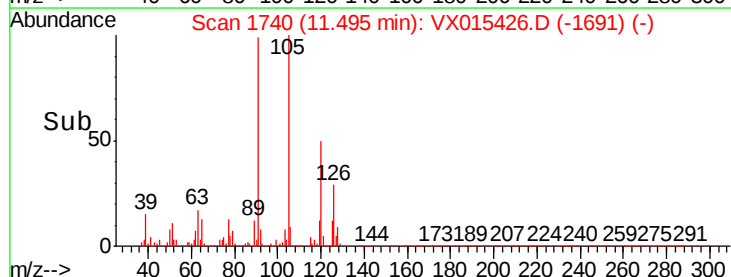
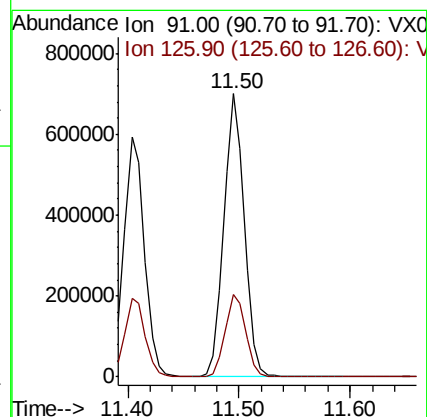
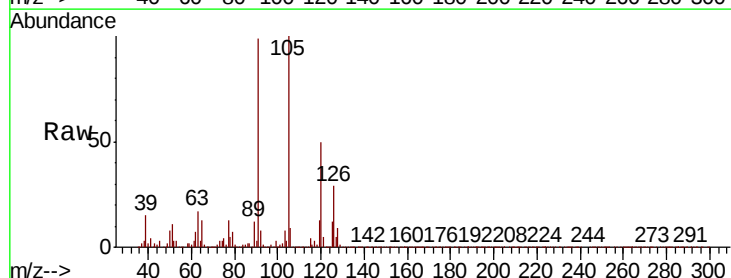
Acq: 30 Mar 2020 14:34

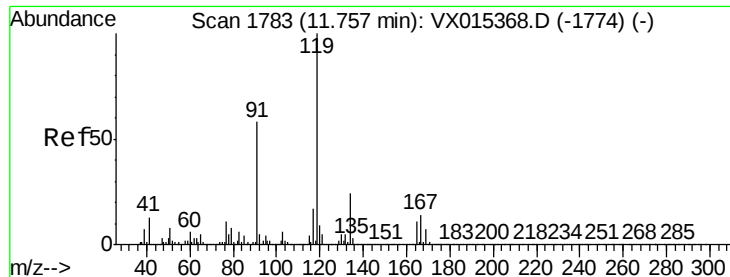
Tgt Ion: 91 Resp: 885167

Ion Ratio Lower Upper

91 100

126 29.2 14.7 44.1

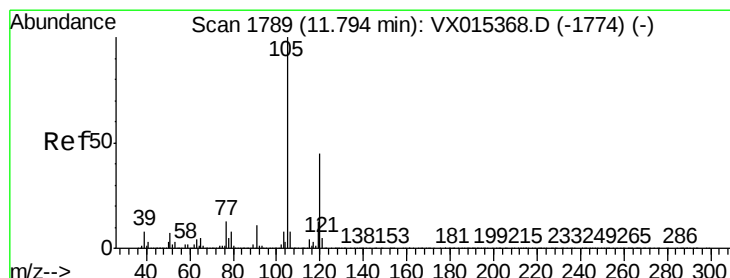
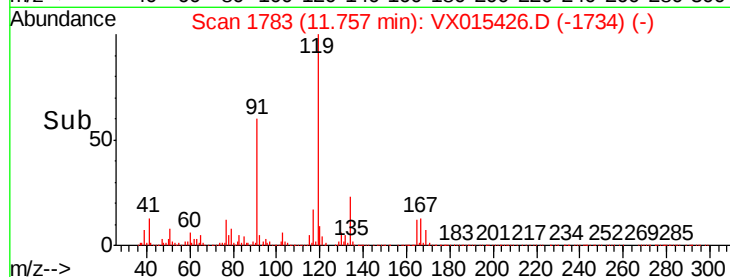
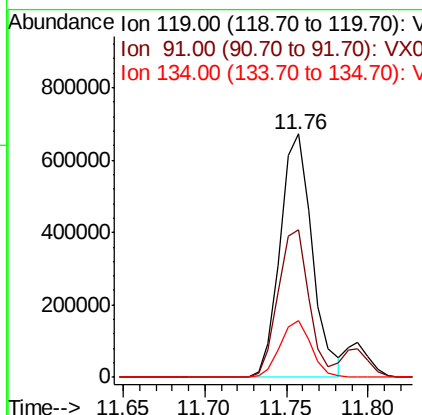
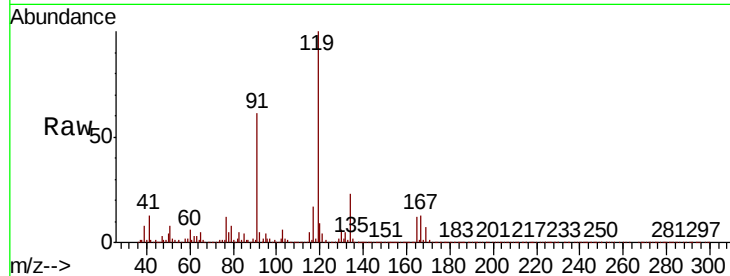




#83
 tert-Butylbenzene
 Concen: 20.387 ug/l
 RT: 11.76 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX015426.D
 Acq: 30 Mar 2020 14:34

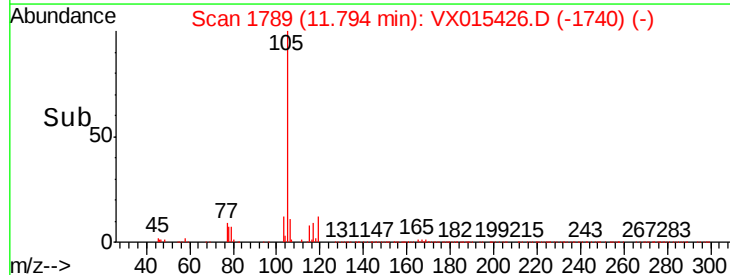
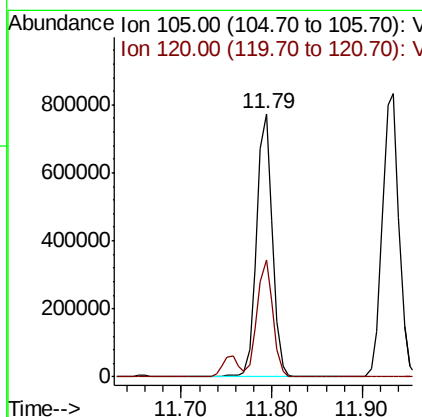
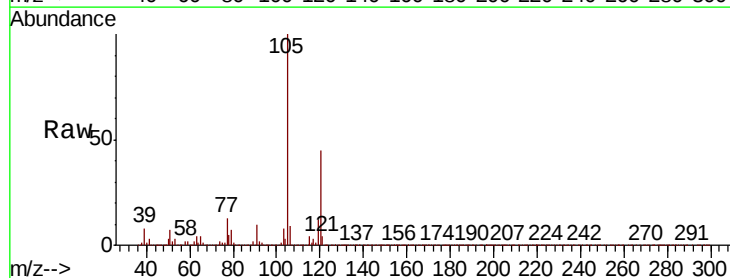
Instrument :
 MSVOA_X
 ClientSampleId :

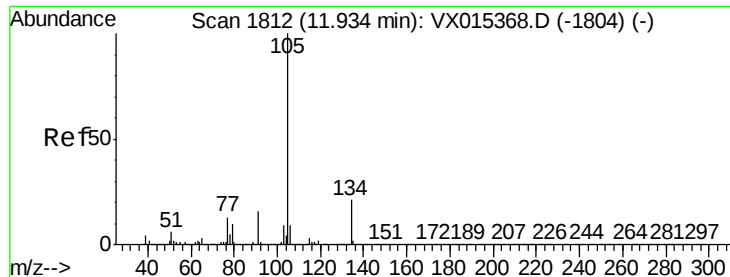
Tot Ion	Ratio	Lower	Upper
119	100		
91	58.0	28.6	85.8
134	22.6	11.8	35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 19.920 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX015426.D
 Acq: 30 Mar 2020 14:34

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.7	68.1





#85

sec-Butylbenzene

Concen: 20.427 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015426.D

Acq: 30 Mar 2020 14:34

Instrument :

MSVOA_X

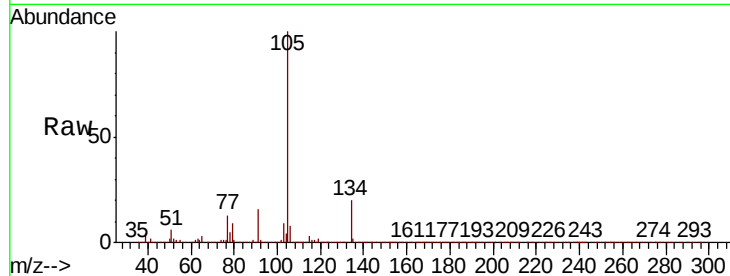
ClientSampleId :

Tot Ion:105 Resp: 1055428

Ion Ratio Lower Upper

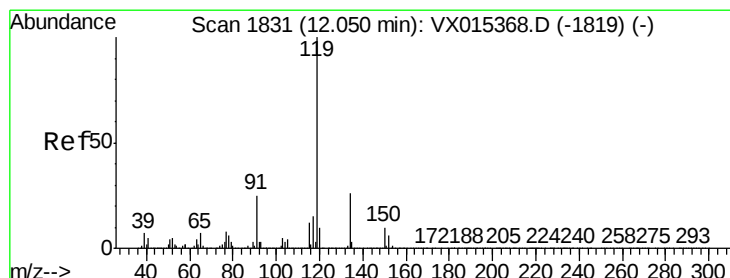
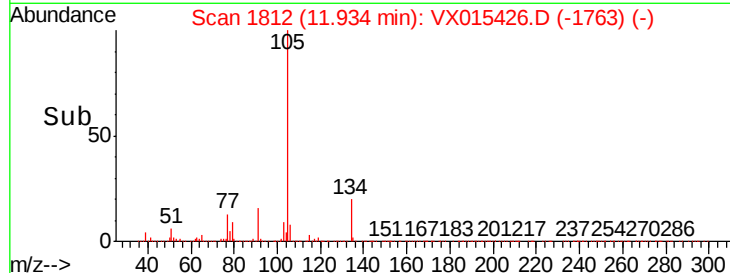
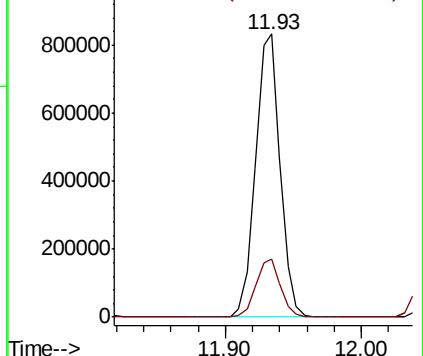
105 100

134 20.4 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.562 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015426.D

Acq: 30 Mar 2020 14:34

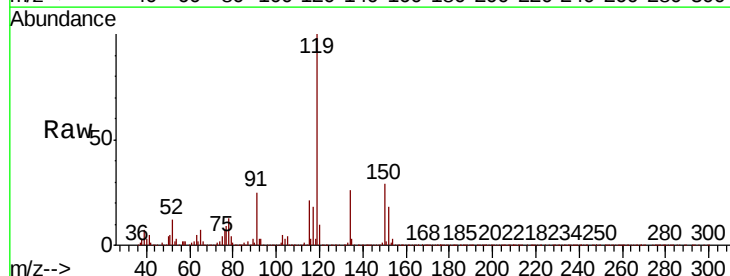
Tgt Ion:119 Resp: 986249

Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

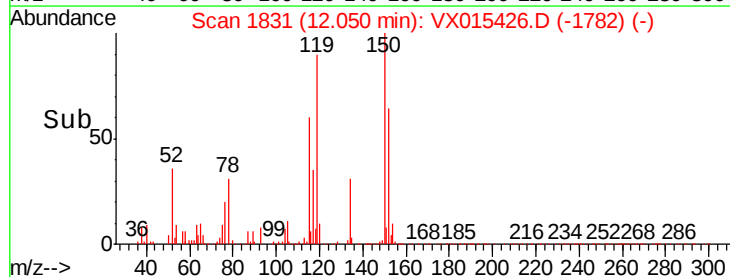
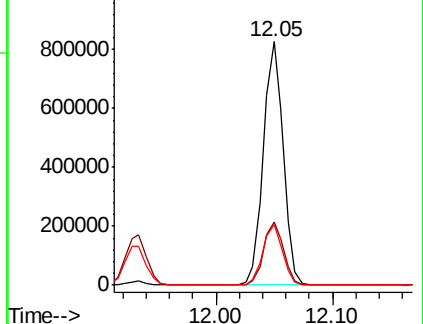
91 24.6 12.4 37.4

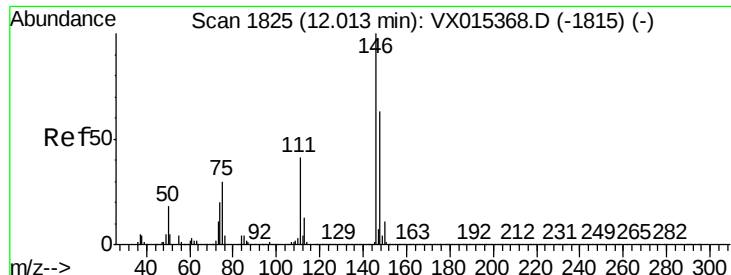


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

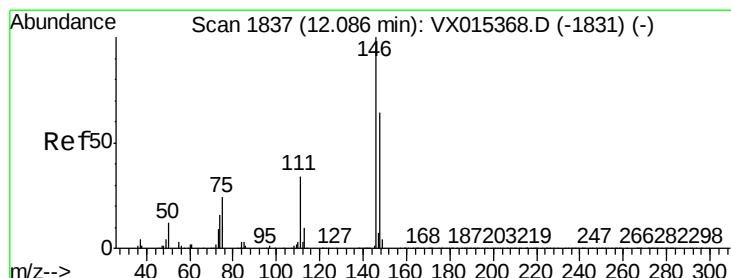
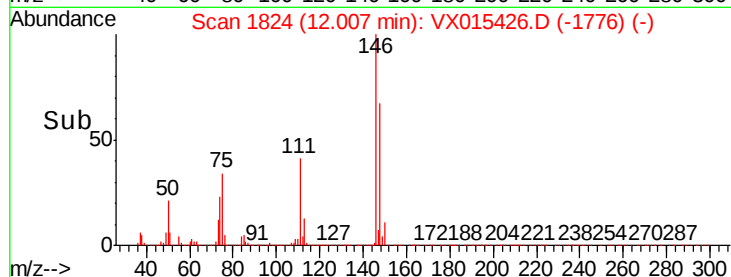
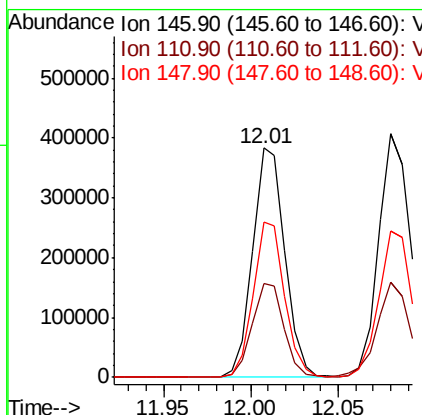
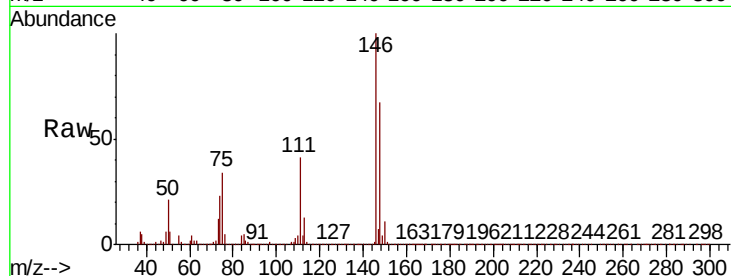




#87
 1,3-Dichlorobenzene
 Concen: 19.292 ug/l
 RT: 12.01 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: VX015426.D
 Acq: 30 Mar 2020 14:34

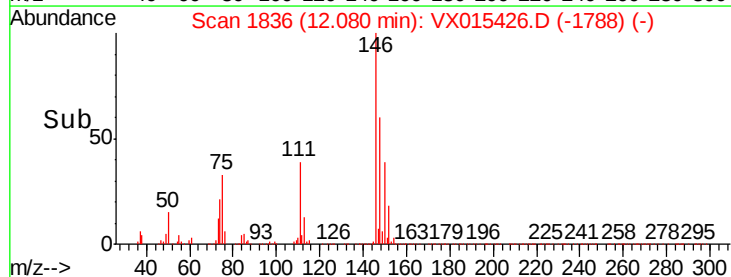
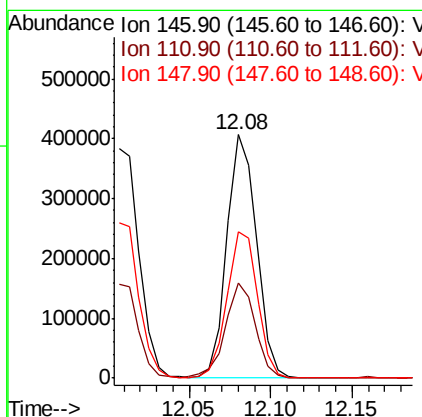
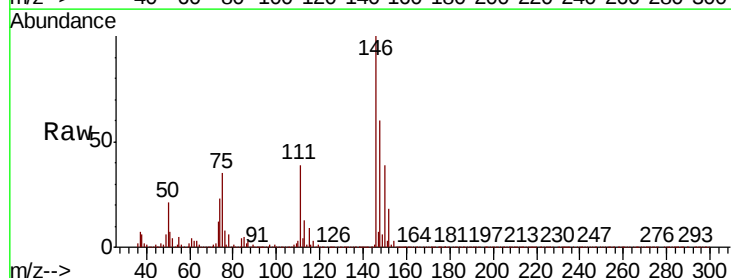
Instrument :
 MSVOA_X
 ClientSampled :

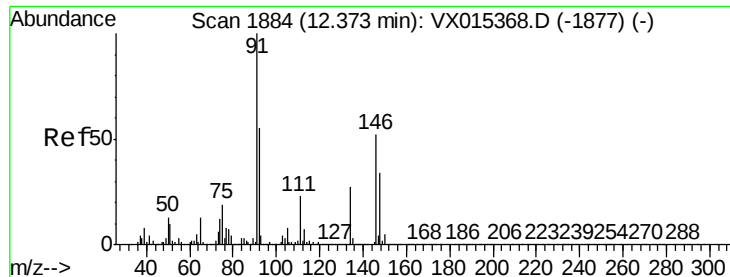
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.3	60.9
148	65.9	31.3	93.9



#88
 1,4-Dichlorobenzene
 Concen: 19.686 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015426.D
 Acq: 30 Mar 2020 14:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.1	57.5
148	62.0	32.4	97.2





#89

n-Butylbenzene

Concen: 20.367 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX015426.D

Acq: 30 Mar 2020 14:34

Instrument :

MSVOA_X

ClientSampled :

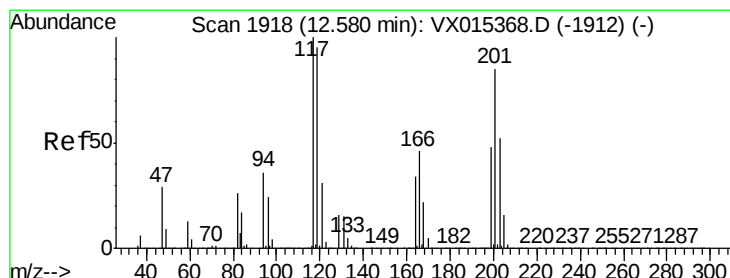
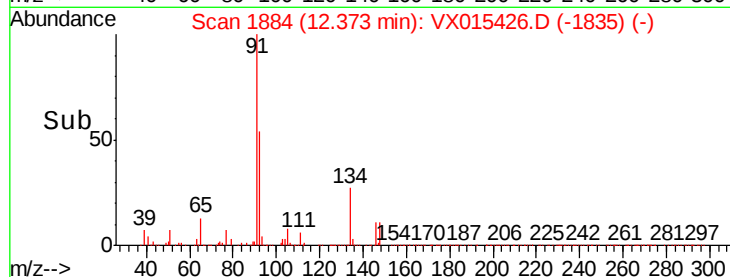
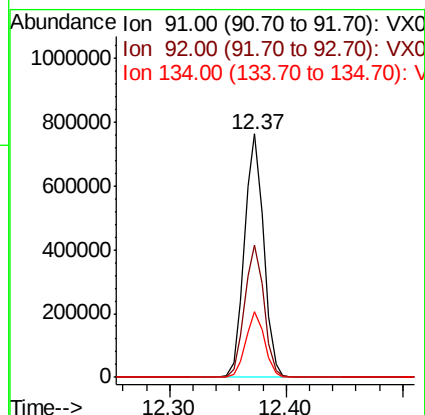
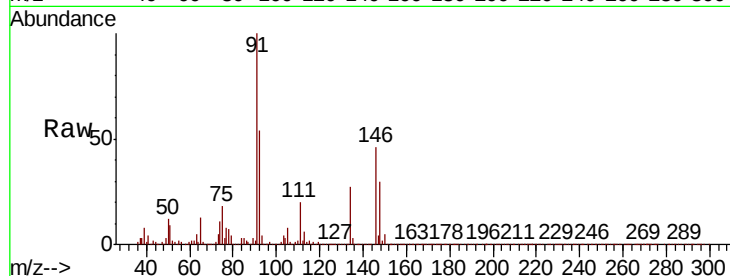
Tot Ion: 91 Resp: 882817

Ion Ratio Lower Upper

91 100

92 54.3 27.2 81.5

134 26.3 13.4 40.2



#90

Hexachloroethane

Concen: 19.623 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VX015426.D

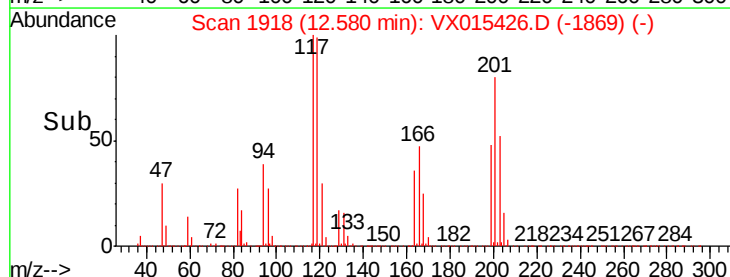
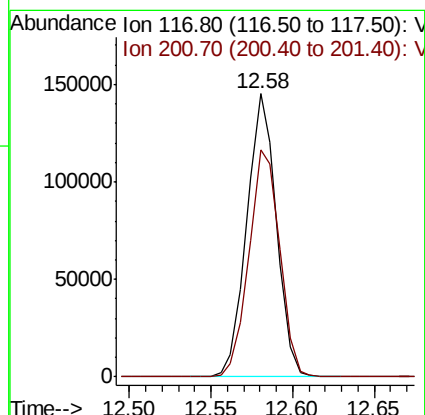
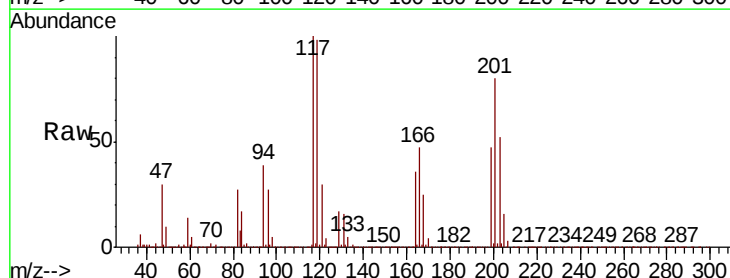
Acq: 30 Mar 2020 14:34

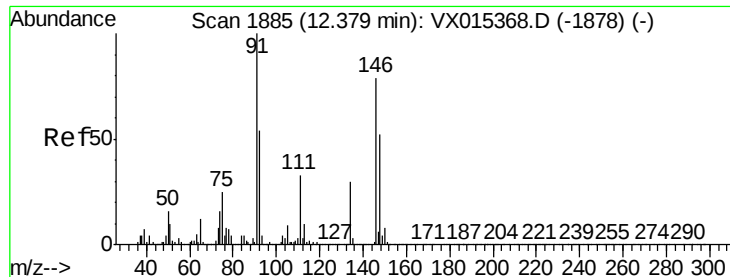
Tgt Ion: 117 Resp: 183194

Ion Ratio Lower Upper

117 100

201 83.8 42.6 128.0





#91

1,2-Dichlorobenzene

Concen: 19.610 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX015426.D

Acq: 30 Mar 2020 14:34

Instrument :

MSVOA_X

ClientSampleId :

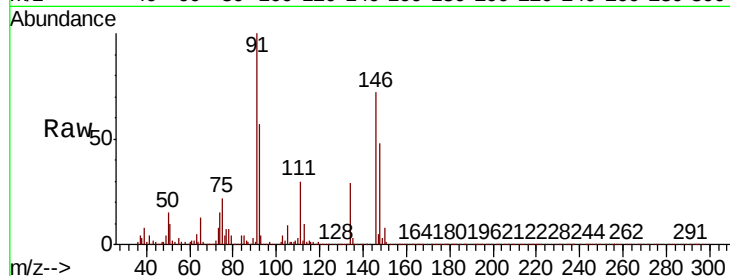
Tot Ion:146 Resp: 490755

Ion Ratio Lower Upper

146 100

111 41.7 21.0 63.0

148 64.2 32.4 97.0

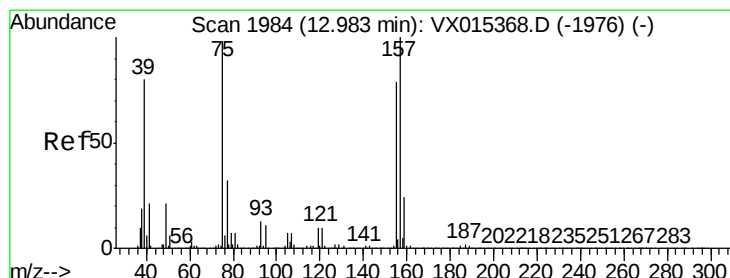
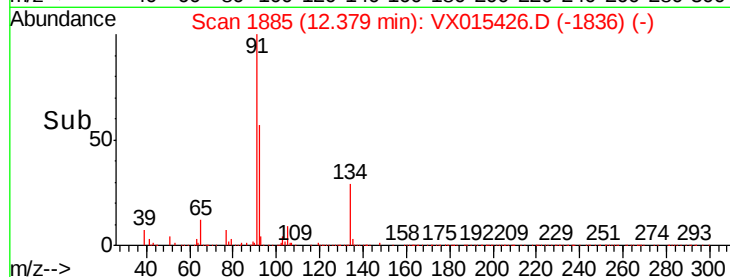
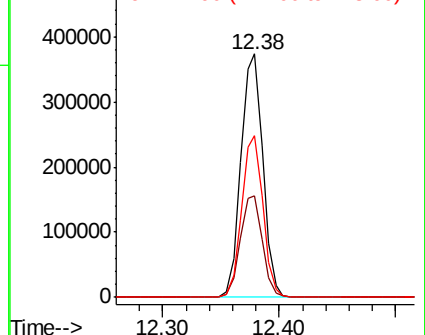


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.127 ug/l

RT: 12.98 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VX015426.D

Acq: 30 Mar 2020 14:34

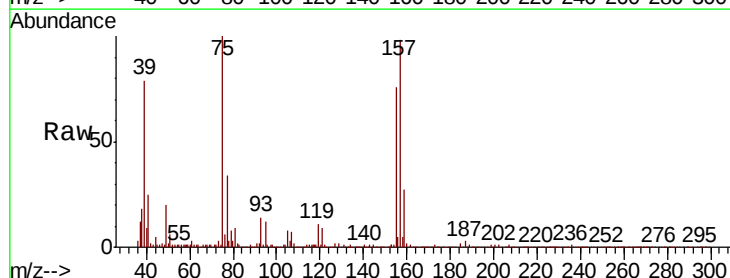
Tgt Ion: 75 Resp: 83641

Ion Ratio Lower Upper

75 100

155 81.4 42.8 128.4

157 107.3 53.4 160.3

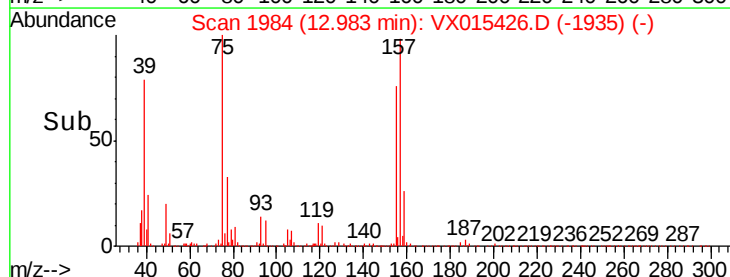
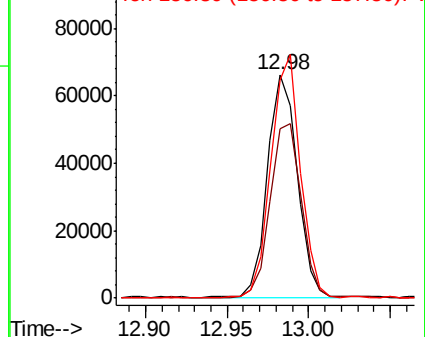


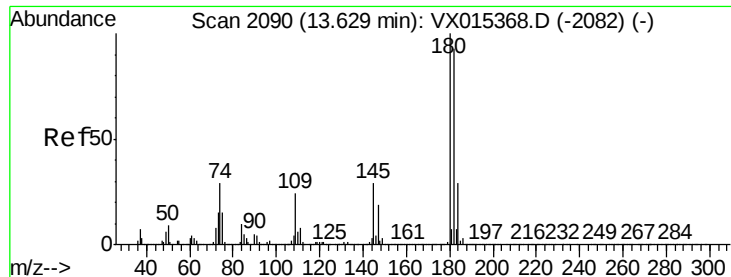
Abundance

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

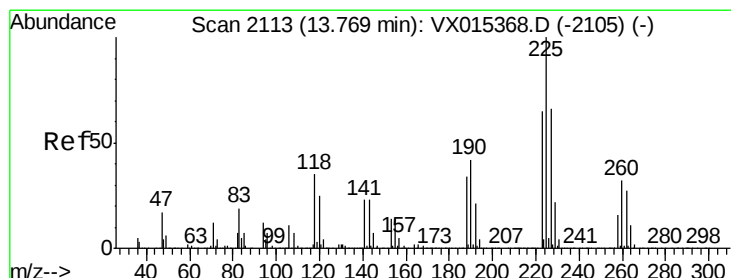
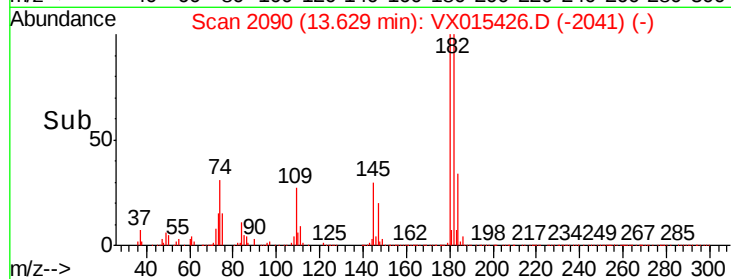
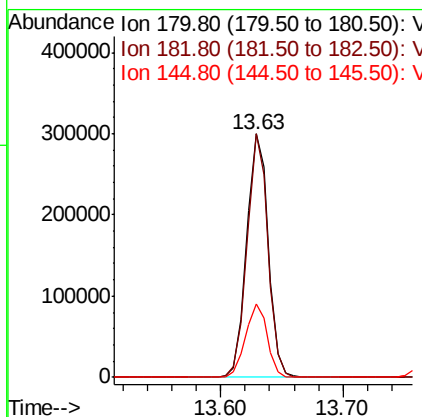
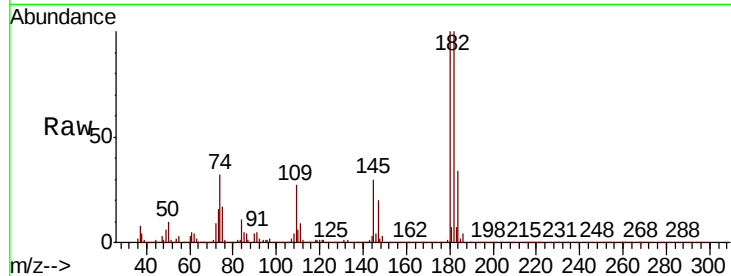




#93
 1,2,4-Trichlorobenzene
 Concen: 18.541 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015426.D
 Acq: 30 Mar 2020 14:34

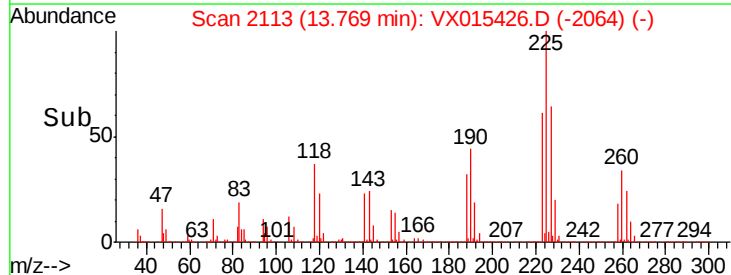
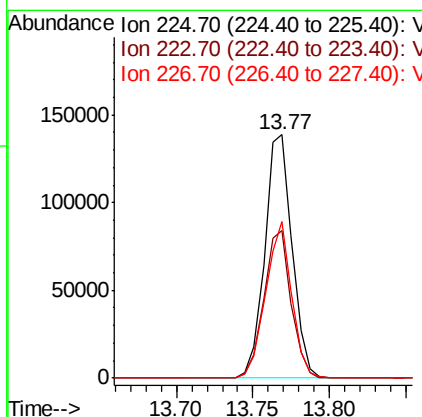
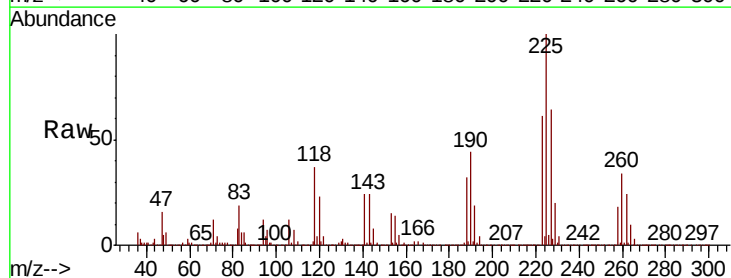
Instrument :
 MSVOA_X
 ClientSampleId :

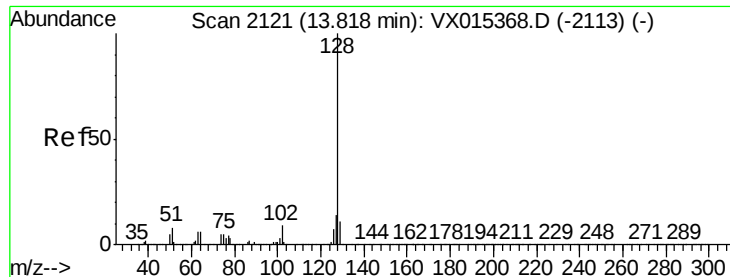
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	46.9	140.7
145	30.1	14.9	44.5



#94
 Hexachlorobutadiene
 Concen: 18.353 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015426.D
 Acq: 30 Mar 2020 14:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.6	31.9	95.7
227	60.9	30.4	91.3

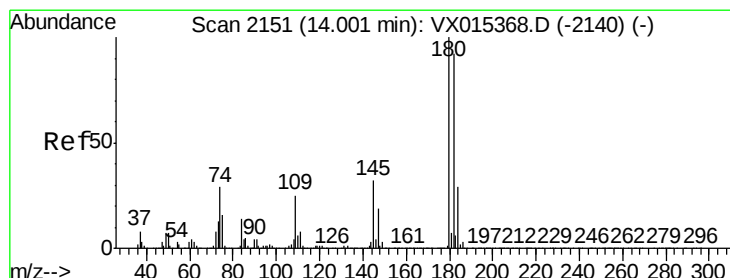
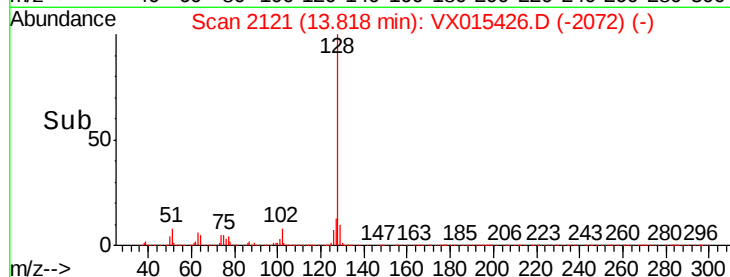
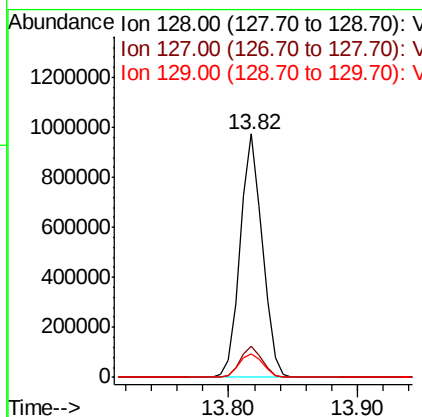
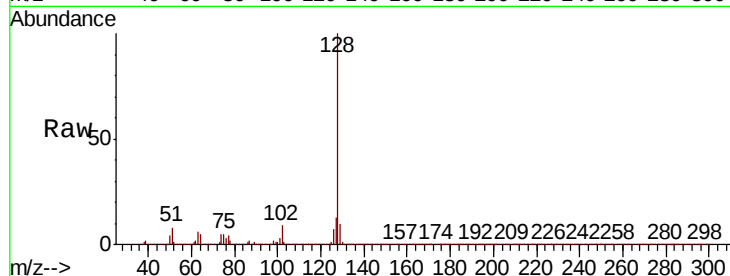




#95
Naphthalene
Concen: 19.227 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015426.D
Acq: 30 Mar 2020 14:34

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 1160990
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 10.5 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.569 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015426.D
Acq: 30 Mar 2020 14:34

Tgt Ion:180 Resp: 372969
Ion Ratio Lower Upper
180 100
182 94.8 46.7 140.0
145 31.7 15.8 47.3

