

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042120\
 Data File : VX015789.D
 Acq On : 21 Apr 2020 13:15
 Operator : JC/SP
 Sample : VX0421WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBSD01

Quant Time: Apr 21 16:19:22 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	955077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1424107	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1313940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	703593	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	627697	46.60	ug/l	0.00
Spiked Amount			Recovery	=	93.20%	
35) Dibromofluoromethane	5.47	113	478213	52.53	ug/l	0.00
Spiked Amount			Recovery	=	105.06%	
50) Toluene-d8	8.70	98	1774586	52.95	ug/l	0.00
Spiked Amount			Recovery	=	105.90%	
62) 4-Bromofluorobenzene	11.12	95	722158	53.02	ug/l	0.00
Spiked Amount			Recovery	=	106.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	121560	14.447	ug/l	100
3) Chloromethane	1.31	50	135097	12.607	ug/l	97
4) Vinyl Chloride	1.39	62	158179	16.076	ug/l	99
5) Bromomethane	1.63	94	70862	8.990	ug/l	89
6) Chloroethane	1.71	64	105529	17.293	ug/l	98
7) Trichlorofluoromethane	1.92	101	225599	17.097	ug/l	97
8) Diethyl Ether	2.17	74	99358	17.852	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	156984	18.249	ug/l	95
10) Methyl Iodide	2.49	142	101831	8.780	ug/l	96
11) Tert butyl alcohol	3.01	59	223043	69.178	ug/l	100
12) 1,1-Dichloroethene	2.36	96	148225	16.439	ug/l	97
13) Acrolein	2.27	56	168415	91.697	ug/l	100
14) Allyl chloride	2.71	41	325495	15.449	ug/l	99
15) Acrylonitrile	3.11	53	524170	85.248	ug/l	100
16) Acetone	2.42	43	517157	89.363	ug/l	98
17) Carbon Disulfide	2.55	76	435933	15.848	ug/l	100
18) Methyl Acetate	2.75	43	259605	17.576	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	607402	17.369	ug/l	98
20) Methylene Chloride	2.83	84	183736	16.998	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	166049	16.593	ug/l	97
22) Diisopropyl ether	3.83	45	650843	17.433	ug/l	94
23) Vinyl Acetate	3.78	43	2876776	85.106	ug/l	99
24) 1,1-Dichloroethane	3.67	63	322237	16.393	ug/l	99
25) 2-Butanone	4.63	43	759393	81.594	ug/l	100
26) 2,2-Dichloropropane	4.55	77	278639	17.270	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	202690	17.507	ug/l	98
28) Bromochloromethane	4.98	49	154501	16.462	ug/l	96
29) Tetrahydrofuran	5.09	42	482676	80.672	ug/l	99
30) Chloroform	5.18	83	323730	17.118	ug/l	97
31) Cyclohexane	5.55	56	278907	16.356	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	285666	16.691	ug/l	99
36) 1,1-Dichloropropene	5.77	75	240319	18.315	ug/l	97
37) Ethyl Acetate	4.79	43	288808	16.904	ug/l	98
38) Carbon Tetrachloride	5.76	117	247523	17.416	ug/l	98

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 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	278024	18.377	ug/l	97
40) Benzene	6.11	78	704152	18.320	ug/l	98
41) Methacrylonitrile	5.00	41	166910	17.599	ug/l	96
42) 1,2-Dichloroethane	6.17	62	278609	18.046	ug/l	97
43) Isopropyl Acetate	6.41	43	499873	17.332	ug/l	99
44) Trichloroethene	7.19	130	201659	19.237	ug/l	100
45) 1,2-Dichloropropane	7.49	63	196289	18.668	ug/l	100
46) Dibromomethane	7.64	93	122264	17.726	ug/l	92
47) Bromodichloromethane	7.88	83	254283	17.302	ug/l	95
48) Methyl methacrylate	7.75	41	250195	17.367	ug/l	97
49) 1,4-Dioxane	7.72	88	82586	307.303	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1482520	90.701	ug/l	99
52) Toluene	8.76	92	451735	19.063	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	293143	17.007	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	317037	18.056	ug/l	94
55) 1,1,2-Trichloroethane	9.20	97	190446	19.616	ug/l	98
56) Ethyl methacrylate	9.16	69	306468	17.911	ug/l	96
57) 1,3-Dichloropropane	9.36	76	328798	18.797	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	675608	81.177	ug/l	100
59) 2-Hexanone	9.47	43	1104452	89.500	ug/l	98
60) Dibromochloromethane	9.56	129	213007	18.258	ug/l	100
61) 1,2-Dibromoethane	9.65	107	201055	19.045	ug/l	98
64) Tetrachloroethene	9.32	164	186499	18.808	ug/l	93
65) Chlorobenzene	10.12	112	500430	19.098	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	190100	18.159	ug/l	99
67) Ethyl Benzene	10.24	91	881487	18.967	ug/l	99
68) m/p-Xylenes	10.34	106	657142	37.972	ug/l	99
69) o-Xylene	10.68	106	322569	18.863	ug/l	98
70) Styrene	10.70	104	570682	18.964	ug/l	97
71) Bromoform	10.84	173	162073	17.007	ug/l #	99
73) Isopropylbenzene	11.00	105	871068	18.895	ug/l	98
74) N-amyl acetate	10.88	43	423786	16.528	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	288208	18.219	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	320648	22.161	ug/l	84
77) Bromobenzene	11.24	156	237558	19.319	ug/l	92
78) n-propylbenzene	11.34	91	985589	18.697	ug/l	100
79) 2-Chlorotoluene	11.40	91	596474	18.461	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	744180	18.901	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	88330	14.648	ug/l	94
82) 4-Chlorotoluene	11.49	91	709220	18.724	ug/l	99
83) tert-Butylbenzene	11.76	119	738994	19.216	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	750932	18.717	ug/l	99
85) sec-Butylbenzene	11.93	105	846610	19.035	ug/l	98
86) p-Isopropyltoluene	12.05	119	803507	19.460	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	433014	19.670	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	437891	19.529	ug/l	99
89) n-Butylbenzene	12.37	91	707616	18.964	ug/l	99
90) Hexachloroethane	12.58	117	131382	16.348	ug/l	91
91) 1,2-Dichlorobenzene	12.38	146	423389	19.653	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	65089	14.578	ug/l	92

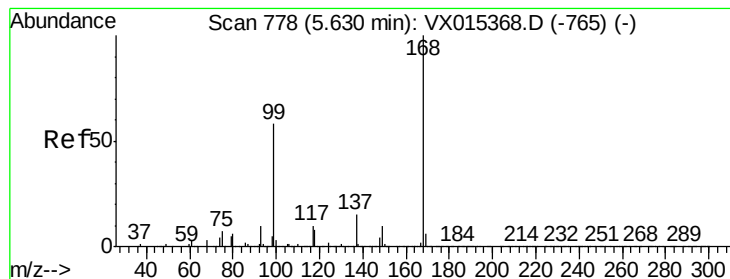
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042120\
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ClientSampleId :
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Quant Time: Apr 21 16:19:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast 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	337309	19.794	ug/l	98
94) Hexachlorobutadiene	13.77	225	148363	18.286	ug/l	95
95) Naphthalene	13.82	128	995868	19.159	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	333820	20.347	ug/l	97

(#) = 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: VX015789.D

Acq: 21 Apr 2020 13:15

Instrument :

MSVOA_X

ClientSampleId :

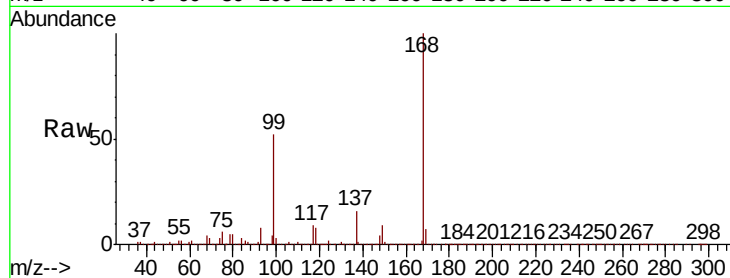
VX0421WBSD01

Tot Ion:168 Resp: 955077

Ion Ratio Lower Upper

168 100

99 52.1 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

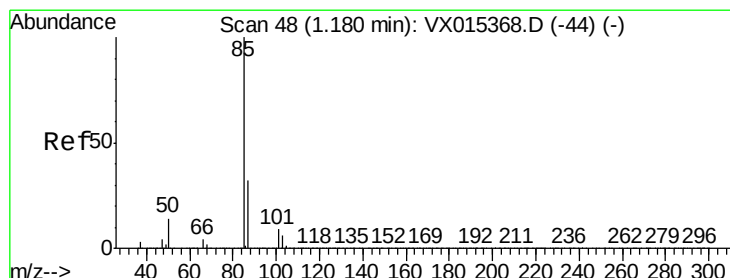
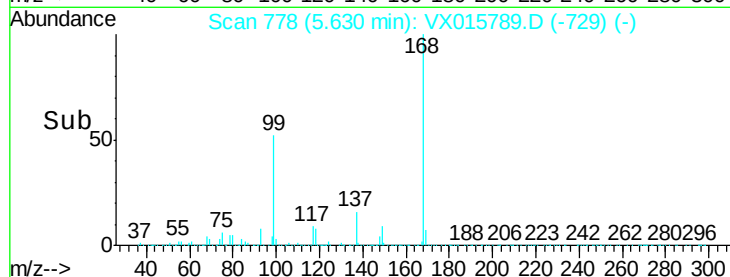
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 14.447 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.01 min

Lab File: VX015789.D

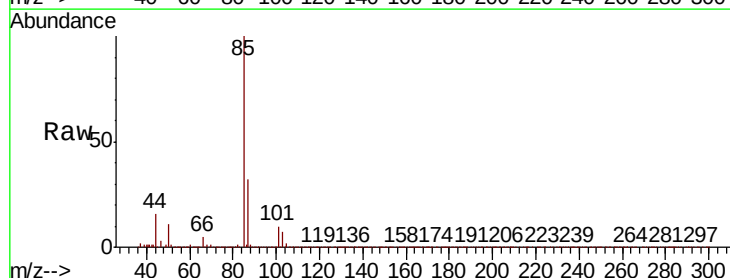
Acq: 21 Apr 2020 13:15

Tgt Ion: 85 Resp: 121560

Ion Ratio Lower Upper

85 100

87 31.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

100000

50000

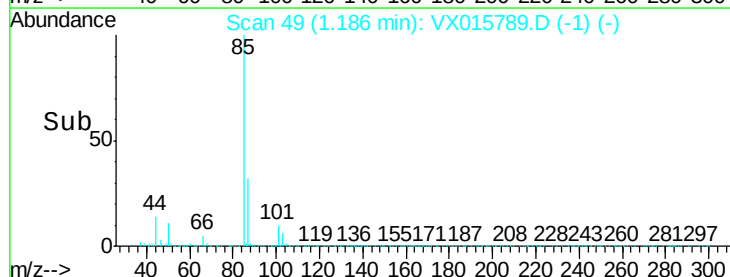
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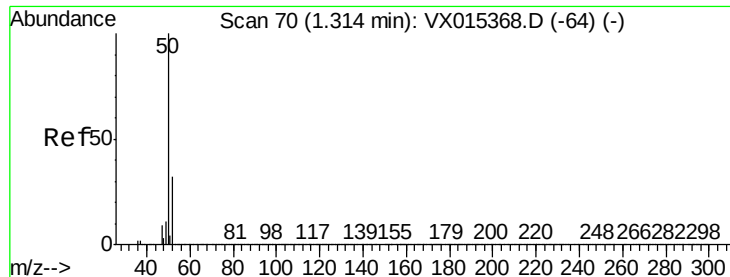
1.15

1.20

1.25

Time-->

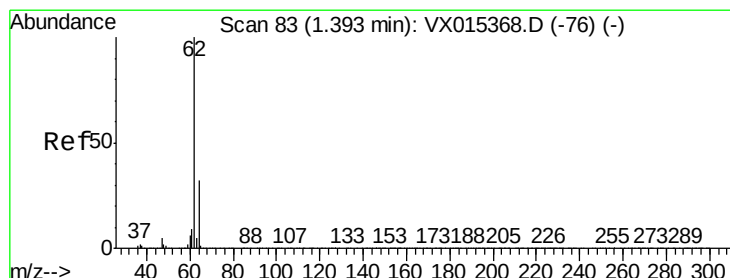
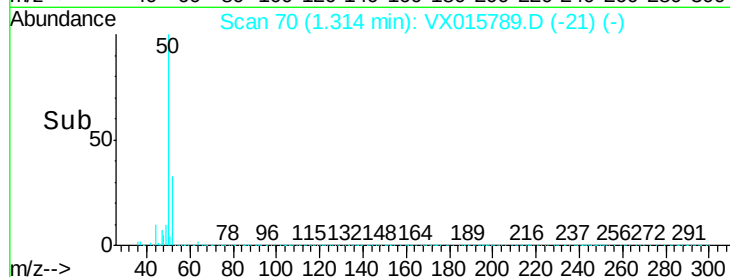
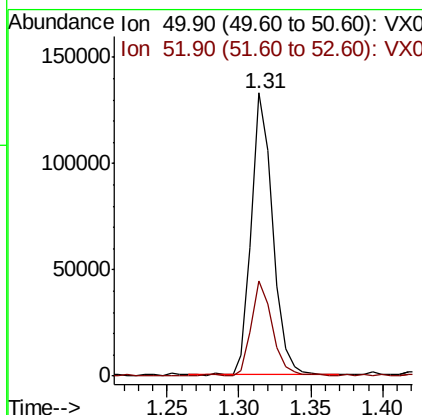
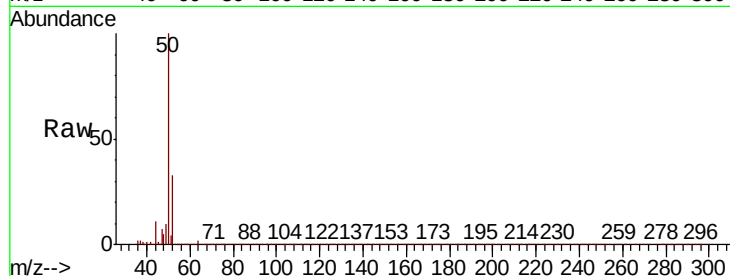




#3
Chloromethane
Concen: 12.607 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

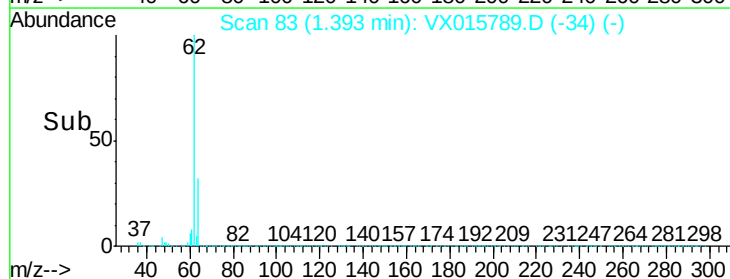
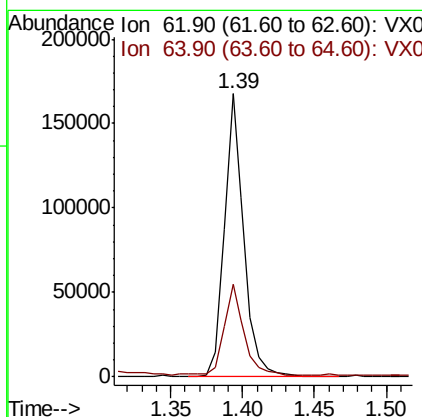
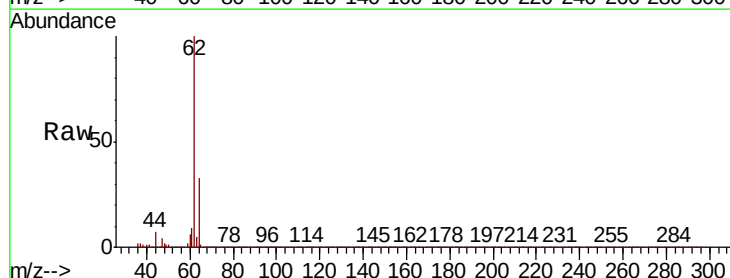
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD01

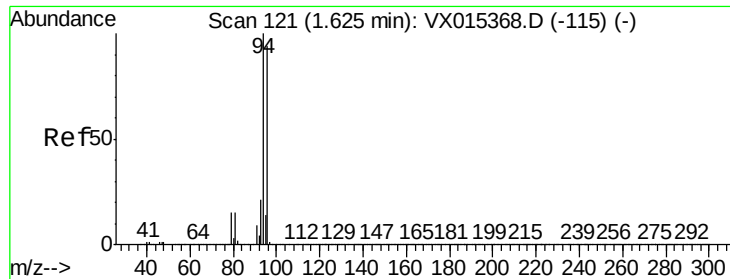
Tot Ion: 50 Resp: 135097
Ion Ratio Lower Upper
50 100
52 33.4 25.3 37.9



#4
Vinyl Chloride
Concen: 16.076 ug/l
RT: 1.39 min Scan# 83
Delta R.T. 0.00 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

Tgt Ion: 62 Resp: 158179
Ion Ratio Lower Upper
62 100
64 31.8 26.0 39.0





#5

Bromomethane

Concen: 8.990 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Instrument :

MSVOA_X

ClientSampleId :

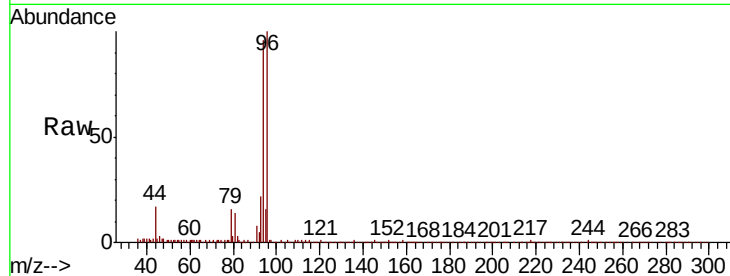
VX0421WBSD01

Tot Ion: 94 Resp: 70862

Ion Ratio Lower Upper

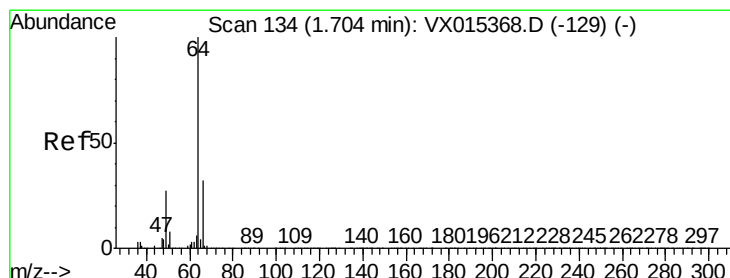
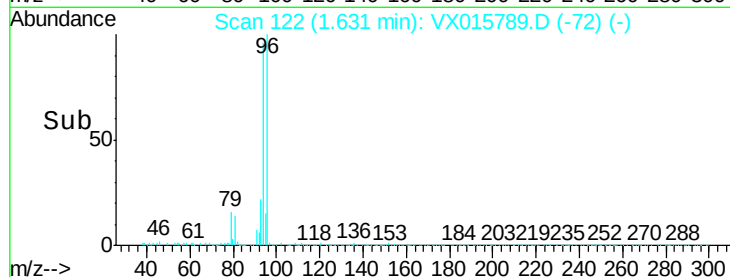
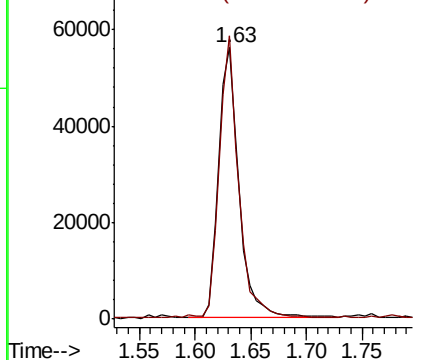
94 100

96 104.3 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.293 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015789.D

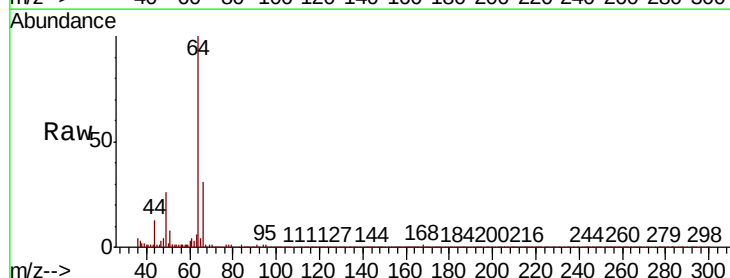
Acq: 21 Apr 2020 13:15

Tgt Ion: 64 Resp: 105529

Ion Ratio Lower Upper

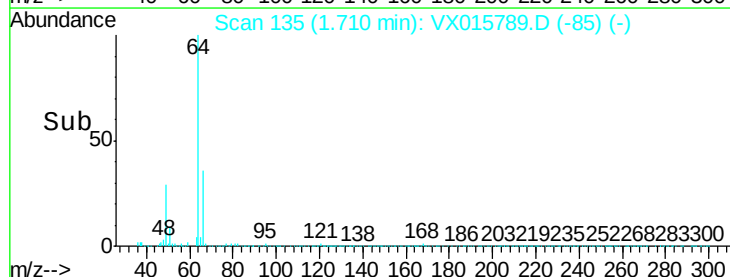
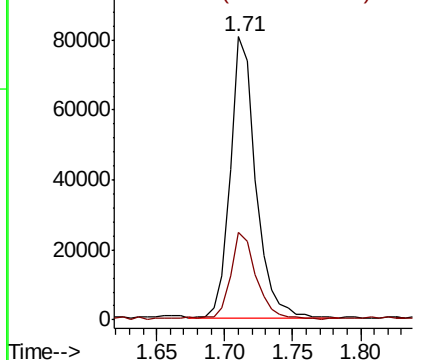
64 100

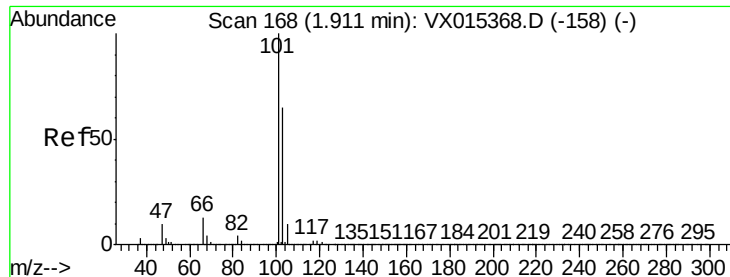
66 30.5 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



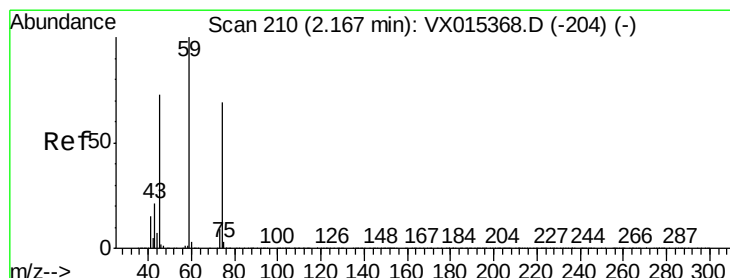
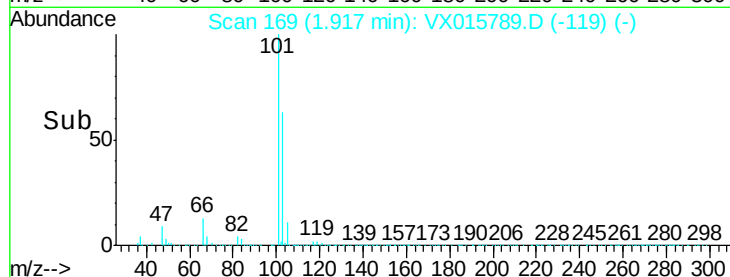
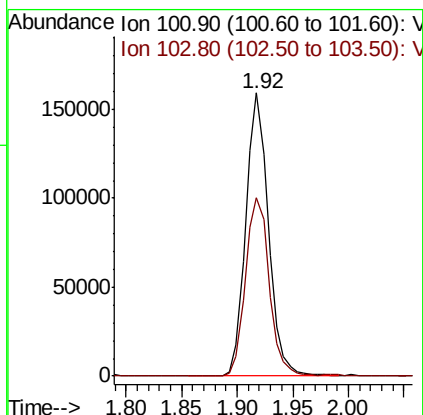
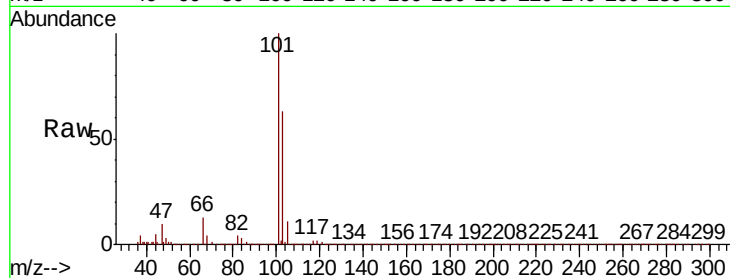


#7

Trichlorofluoromethane
 Concen: 17.097 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.01 min
 Lab File: VX015789.D
 Acq: 21 Apr 2020 13:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBSD01

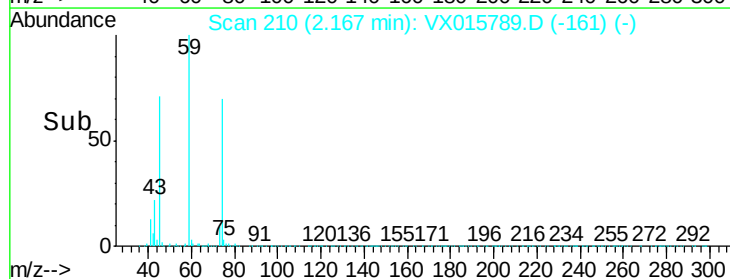
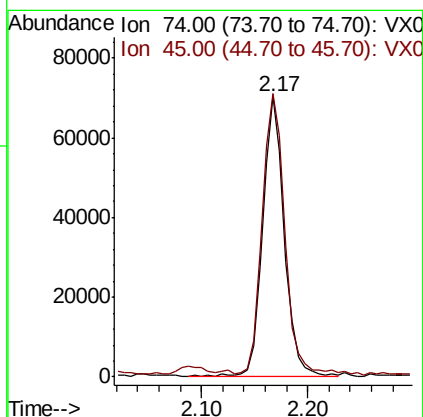
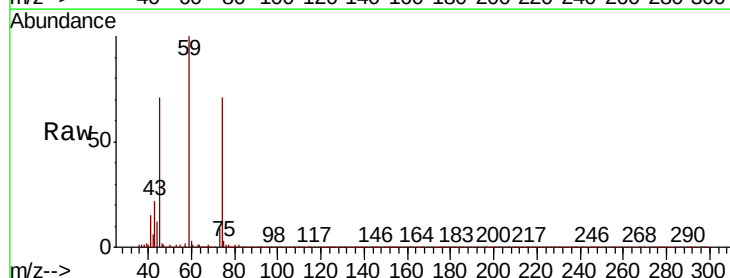
Tot Ion:101 Resp: 225599
 Ion Ratio Lower Upper
 101 100
 103 62.8 52.3 78.5

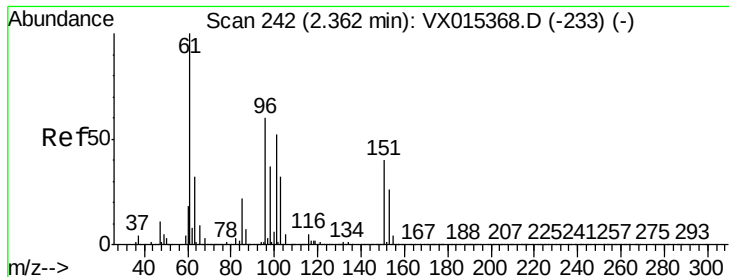


#8

Diethyl Ether
 Concen: 17.852 ug/l
 RT: 2.17 min Scan# 210
 Delta R.T. 0.00 min
 Lab File: VX015789.D
 Acq: 21 Apr 2020 13:15

Tgt Ion: 74 Resp: 99358
 Ion Ratio Lower Upper
 74 100
 45 105.6 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.249 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBSD01

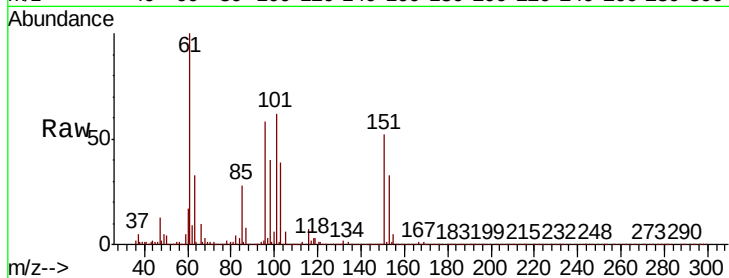
Tot Ion:101 Resp: 156984

Ion Ratio Lower Upper

101 100

85 43.4 35.0 52.4

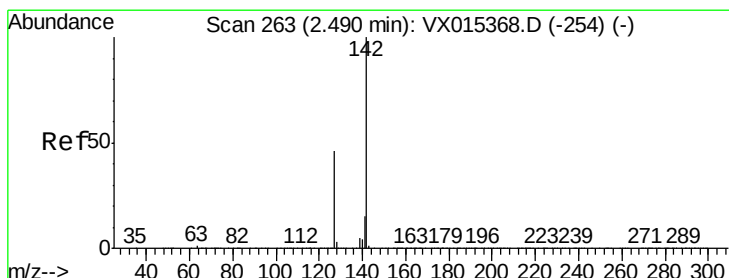
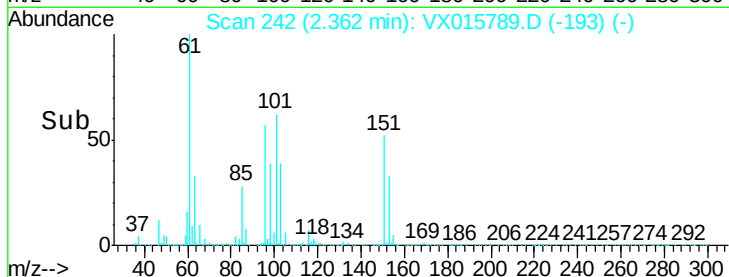
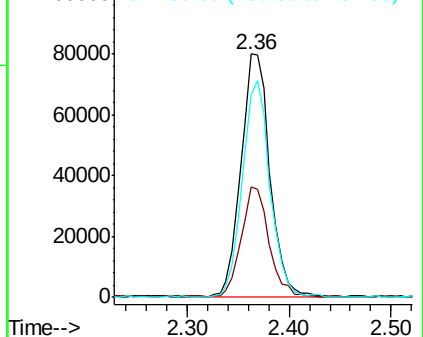
151 86.1 64.1 96.1



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: 8.780 ug/l

RT: 2.49 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

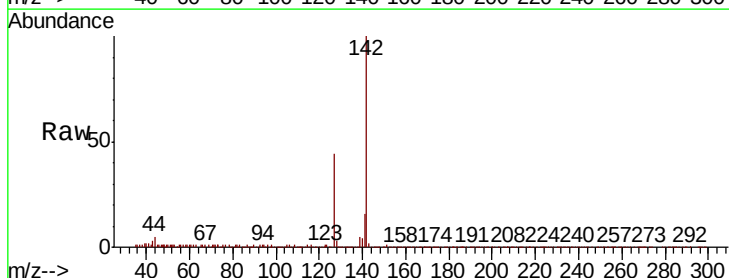
Tgt Ion:142 Resp: 101831

Ion Ratio Lower Upper

142 100

127 41.3 35.9 53.9

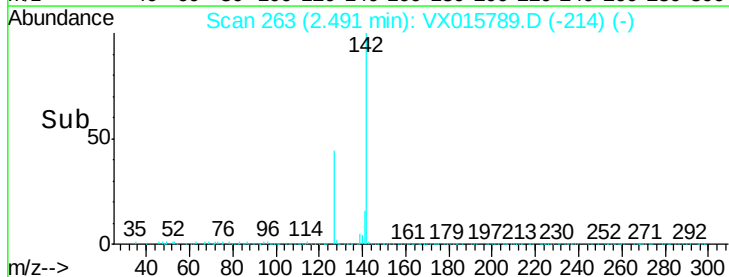
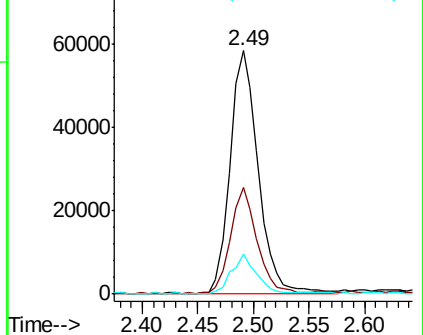
141 14.3 11.6 17.4

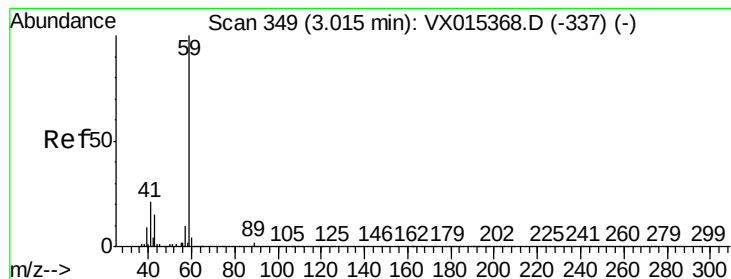


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



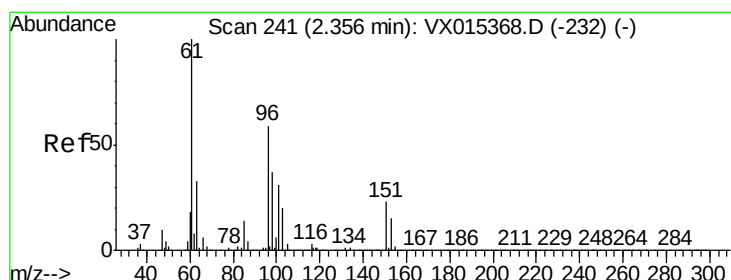
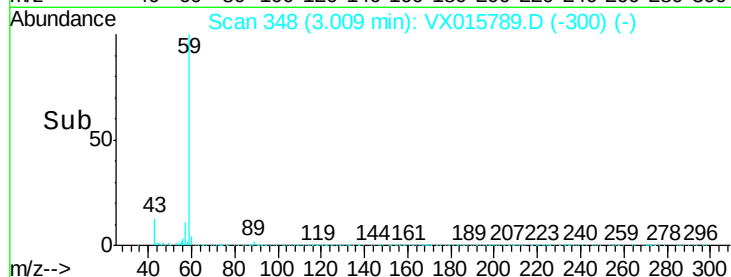
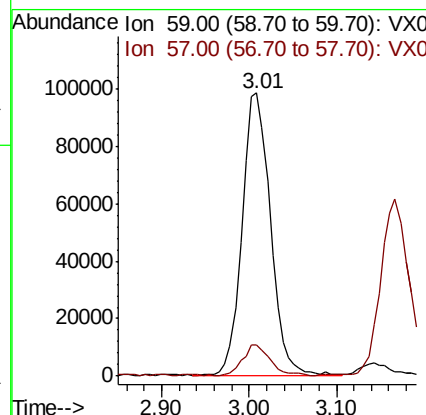
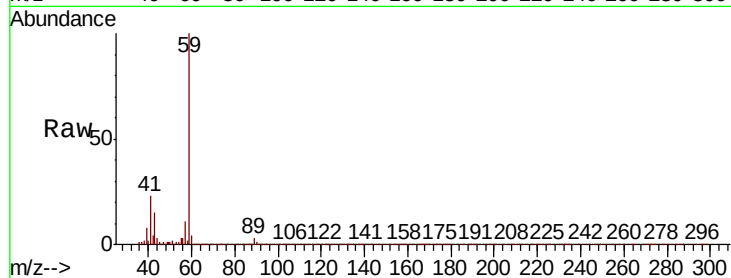


#11

Tert butyl alcohol
Concen: 69.178 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.01 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD01

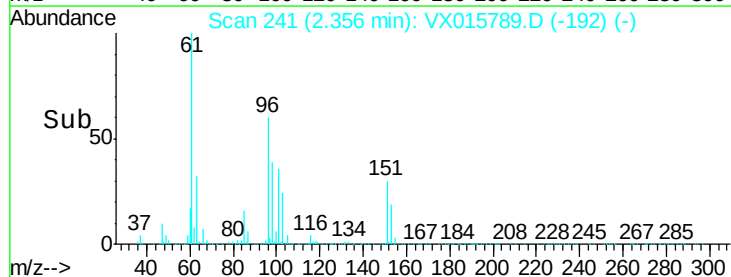
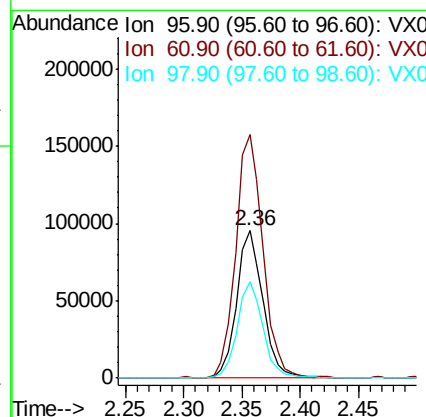
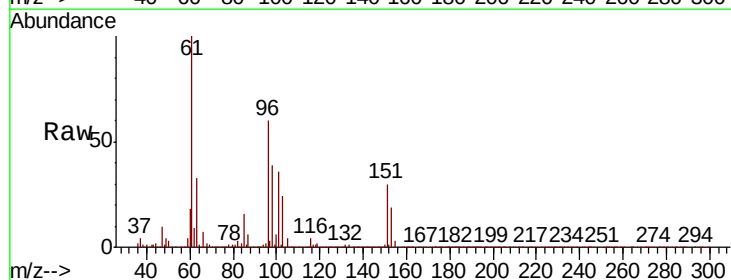
Tot Ion: 59 Resp: 223043
Ion Ratio Lower Upper
59 100
57 10.1 8.1 12.1

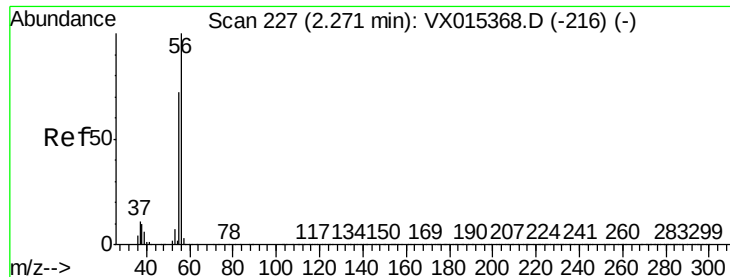


#12

1,1-Dichloroethene
Concen: 16.439 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

Tgt Ion: 96 Resp: 148225
Ion Ratio Lower Upper
96 100
61 165.3 135.7 203.5
98 64.9 50.6 75.8

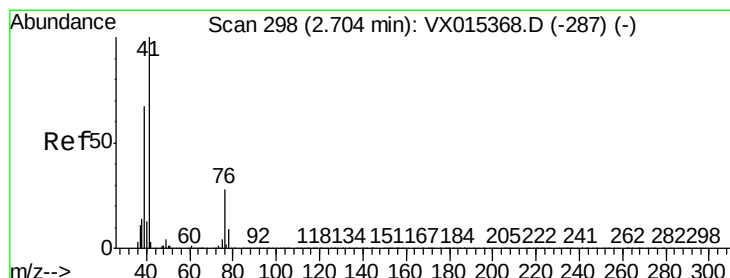
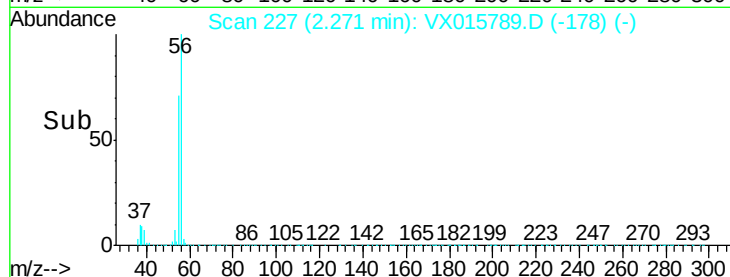
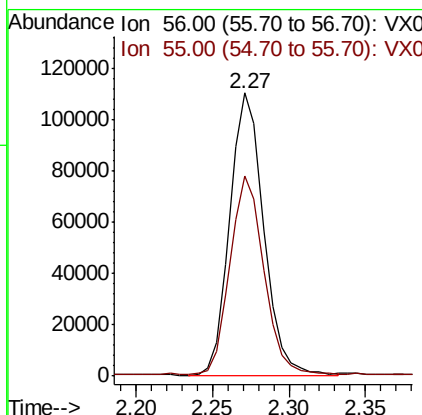
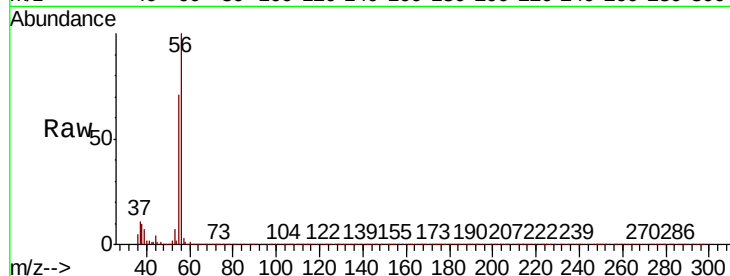




#13
Acrolein
Concen: 91.697 ug/l
RT: 2.27 min Scan# 227
Delta R.T. 0.00 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

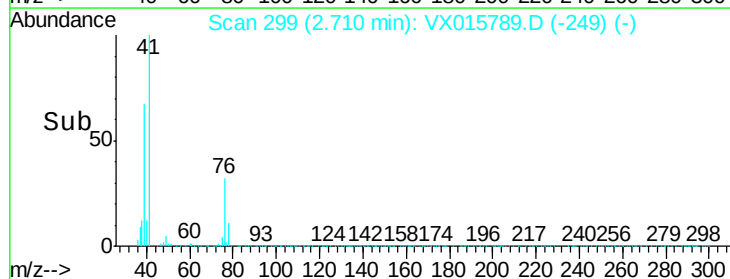
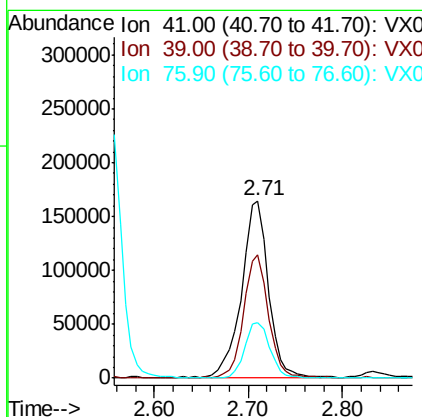
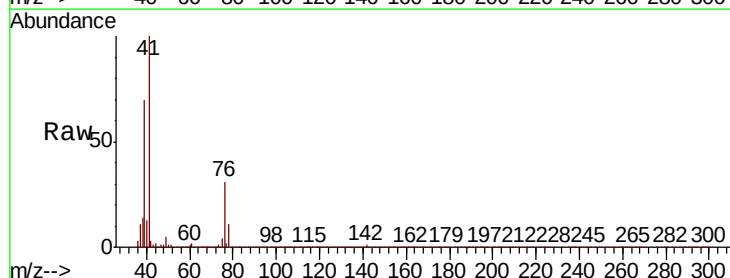
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD01

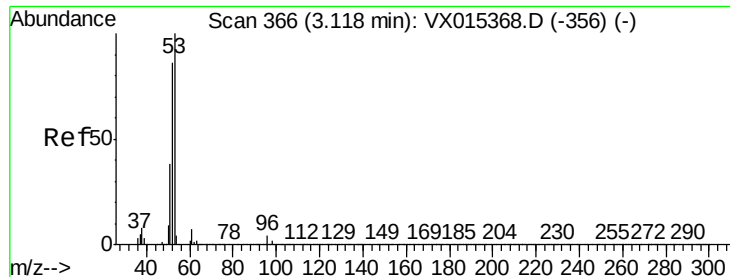
Tot Ion: 56 Resp: 168415
Ion Ratio Lower Upper
56 100
55 70.8 57.0 85.4



#14
Allyl chloride
Concen: 15.449 ug/l
RT: 2.71 min Scan# 299
Delta R.T. 0.01 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

Tgt Ion: 41 Resp: 325495
Ion Ratio Lower Upper
41 100
39 64.9 51.4 77.0
76 28.8 21.8 32.8





#15

Acrylonitrile

Concen: 85.248 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Instrument :

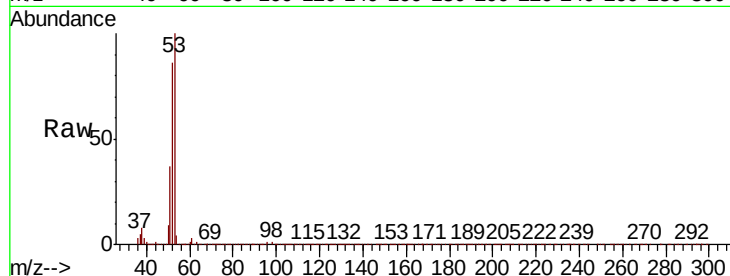
MSVOA_X

ClientSampled :

VX0421WBSD01

Tot Ion: 53 Resp: 524170

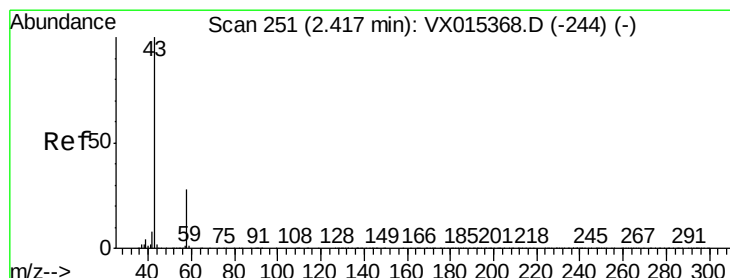
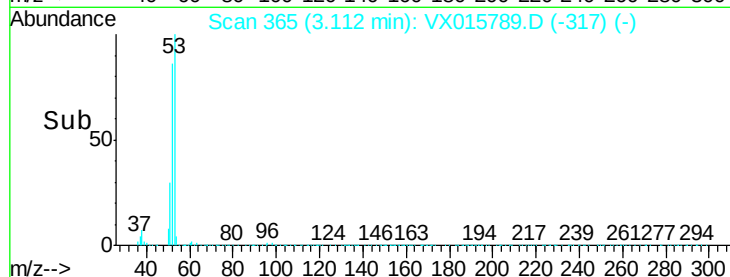
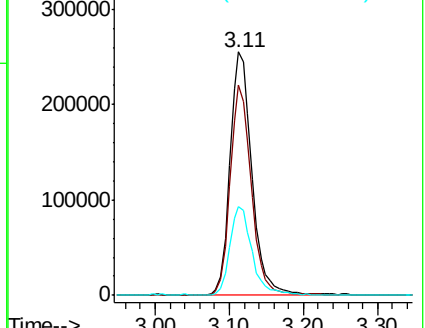
Ion	Ratio	Lower	Upper
53	100		
52	83.6	66.8	100.2
51	36.8	29.5	44.3



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 89.363 ug/l

RT: 2.42 min Scan# 251

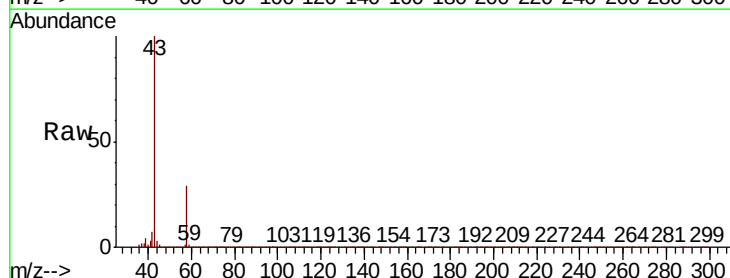
Delta R.T. 0.00 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

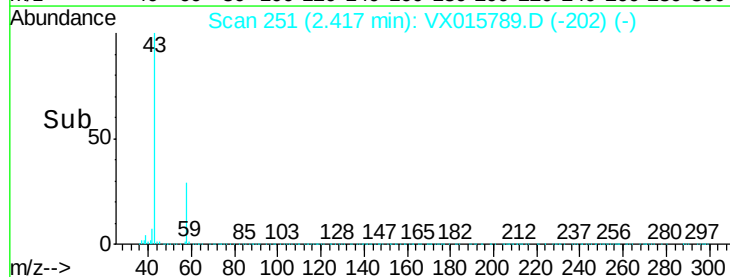
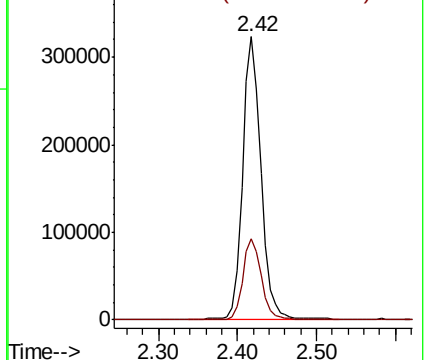
Tgt Ion: 43 Resp: 517157

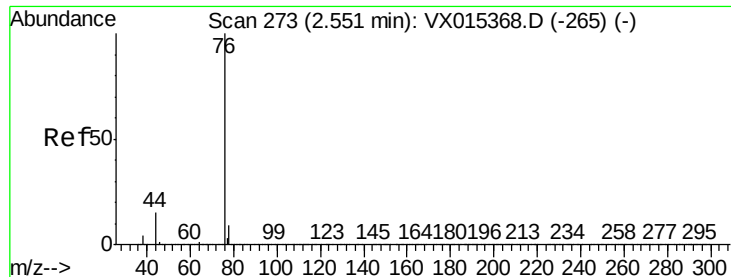
Ion	Ratio	Lower	Upper
43	100		
58	28.7	22.1	33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 15.848 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Instrument :

MSVOA_X

ClientSampleId :

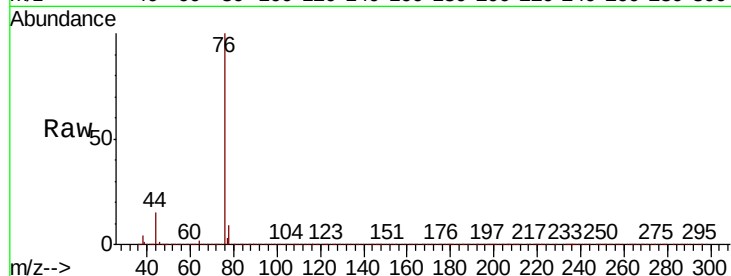
VX0421WBSD01

Tot Ion: 76 Resp: 435933

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

300000

250000

200000

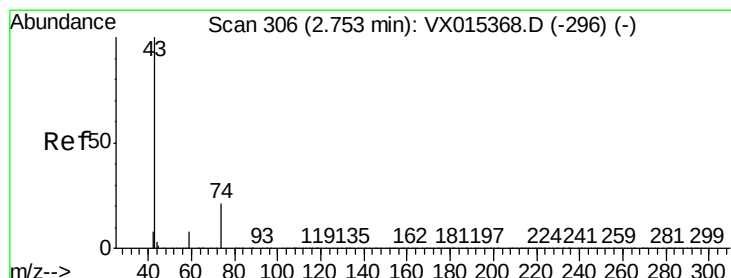
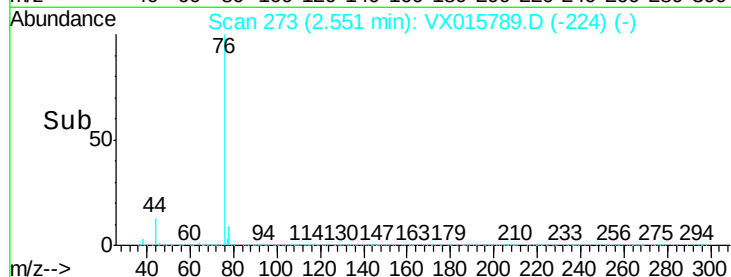
150000

100000

50000

0

Time--> 2.45 2.50 2.55 2.60 2.65



#18

Methyl Acetate

Concen: 17.576 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015789.D

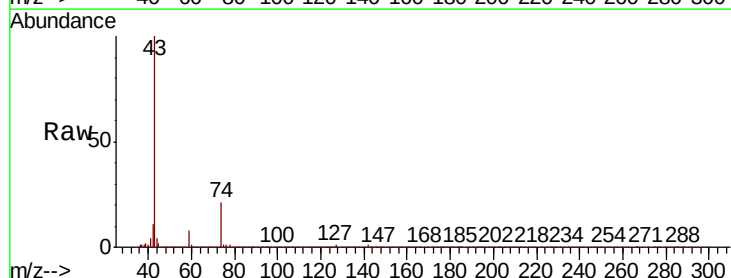
Acq: 21 Apr 2020 13:15

Tgt Ion: 43 Resp: 259605

Ion Ratio Lower Upper

43 100

74 20.8 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

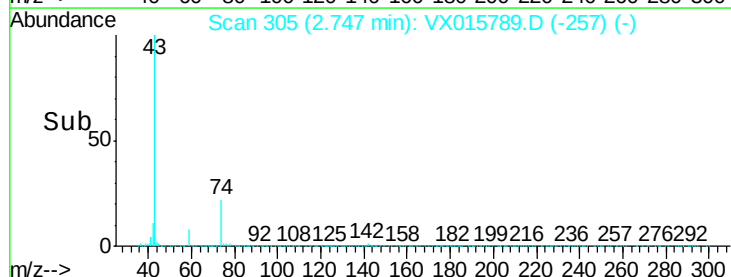
150000

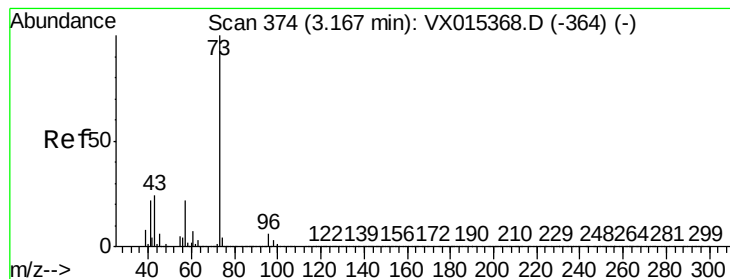
100000

50000

0

Time--> 2.70 2.80



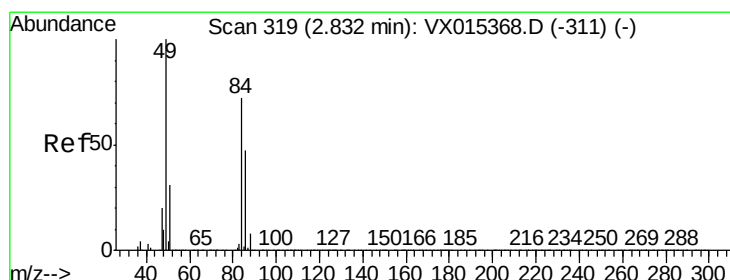
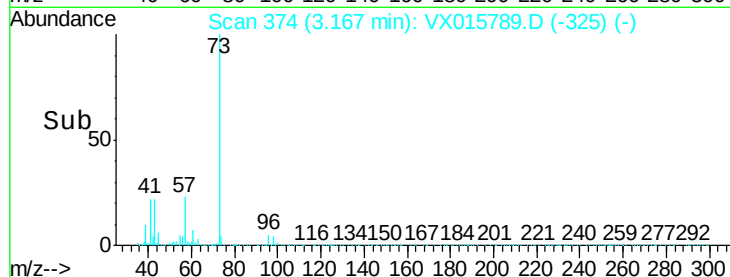
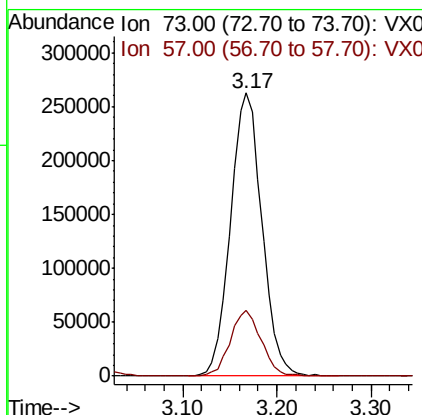
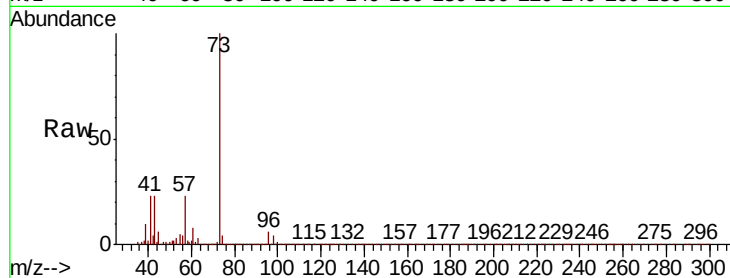


#19

Methyl tert-butyl Ether
 Concen: 17.369 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: VX015789.D
 Acq: 21 Apr 2020 13:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBSD01

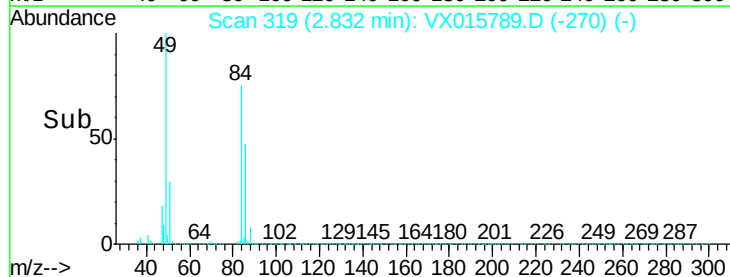
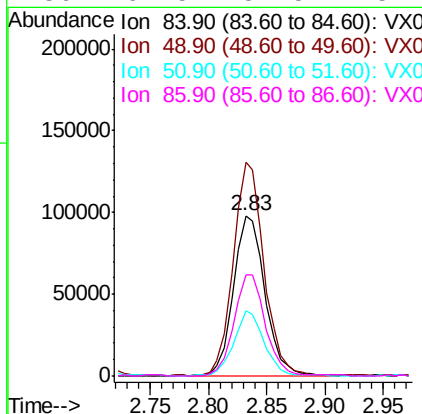
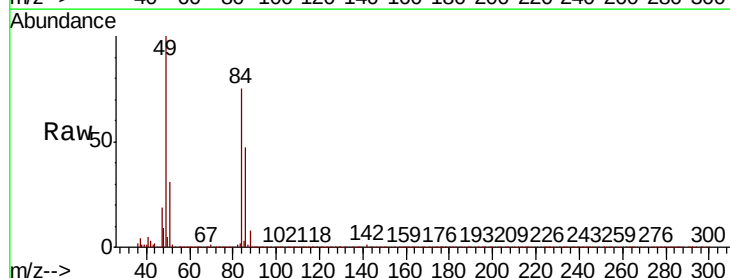
Tot Ion: 73 Resp: 607402
 Ion Ratio Lower Upper
 73 100
 57 23.2 17.9 26.9

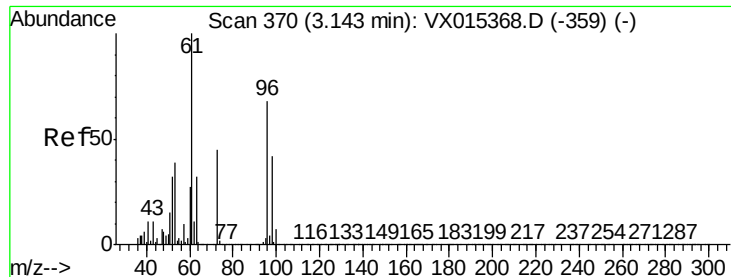


#20

Methylene Chloride
 Concen: 16.998 ug/l
 RT: 2.83 min Scan# 319
 Delta R.T. 0.00 min
 Lab File: VX015789.D
 Acq: 21 Apr 2020 13:15

Tgt Ion: 84 Resp: 183736
 Ion Ratio Lower Upper
 84 100
 49 133.3 111.3 166.9
 51 40.5 34.0 51.0
 86 62.5 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 16.593 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBSD01

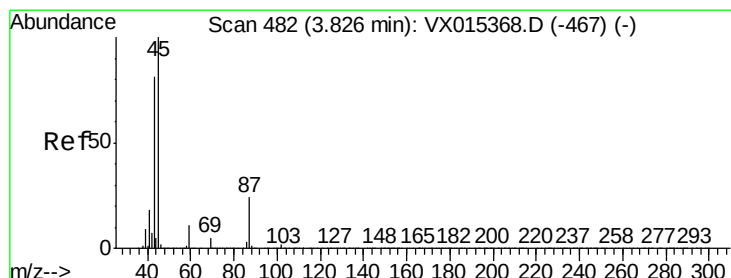
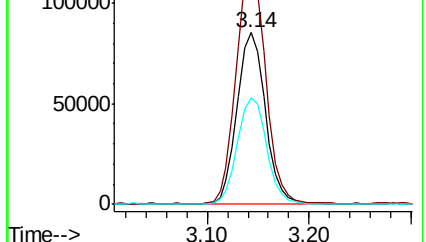
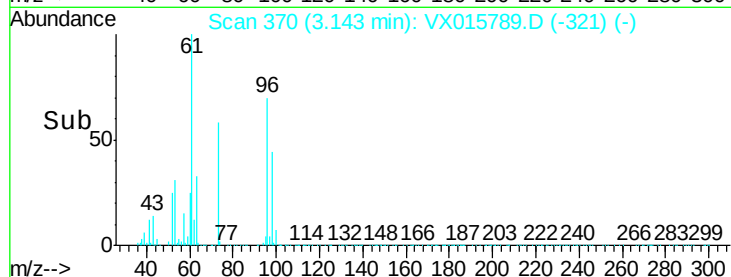
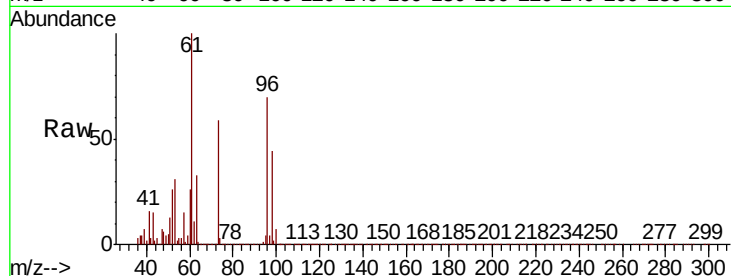
Tot Ion: 96 Resp: 166049

Ion Ratio Lower Upper

96 100

61 142.0 116.9 175.3

98 61.6 48.6 73.0



#22

Diisopropyl ether

Concen: 17.433 ug/l

RT: 3.83 min Scan# 482

Delta R.T. 0.00 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Tgt Ion: 45 Resp: 650843

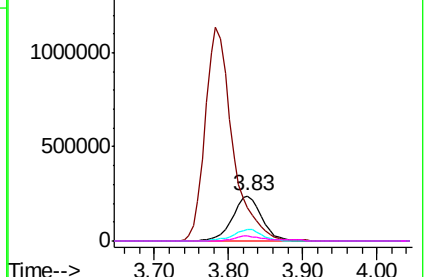
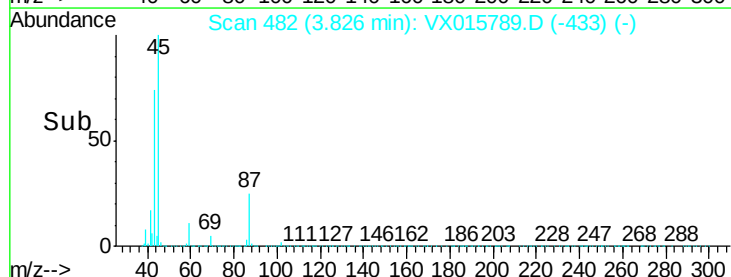
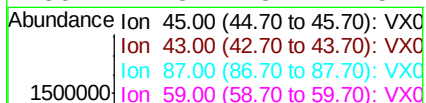
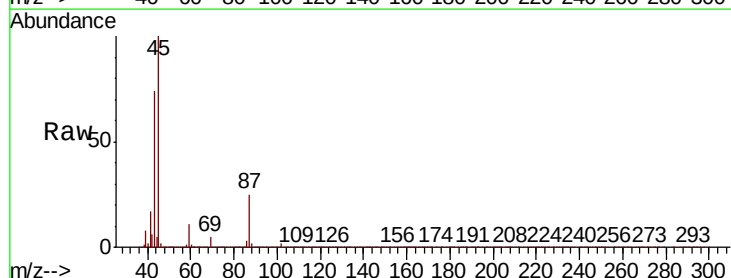
Ion Ratio Lower Upper

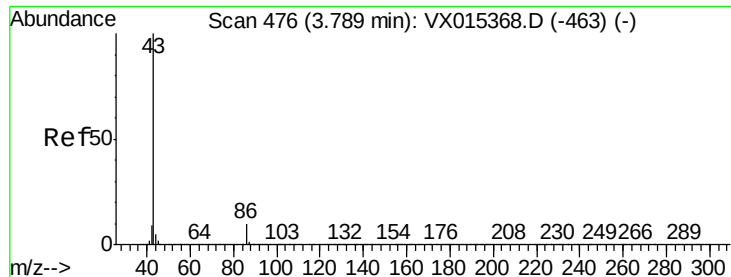
45 100

43 73.7 64.7 97.1

87 24.9 19.4 29.0

59 11.3 8.7 13.1





#23

Vinyl Acetate

Concen: 85.106 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Instrument :

MSVOA_X

ClientSampleId :

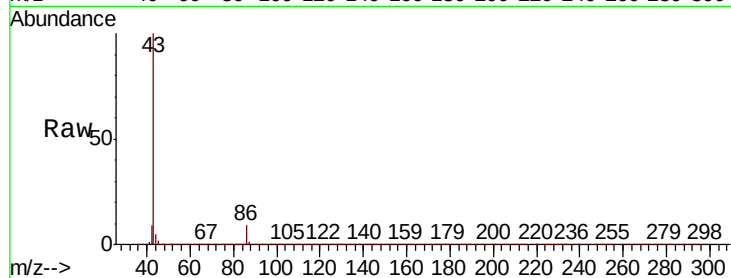
VX0421WBSD01

Tot Ion: 43 Resp: 2876776

Ion Ratio Lower Upper

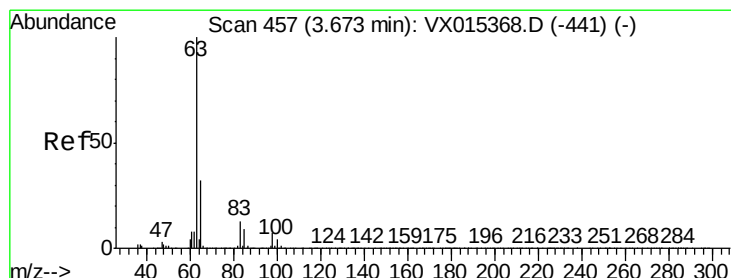
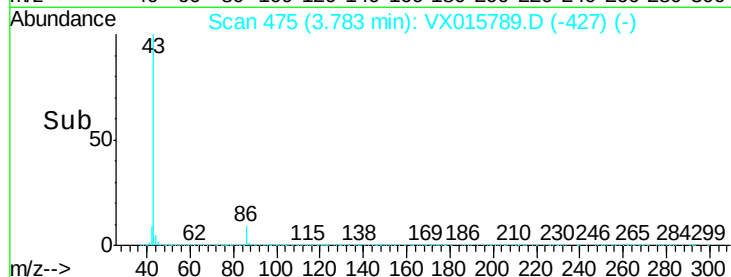
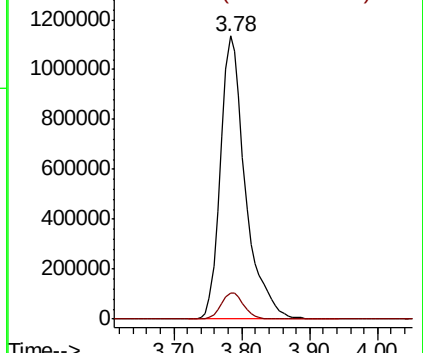
43 100

86 9.4 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: 16.393 ug/l

RT: 3.67 min Scan# 457

Delta R.T. 0.00 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

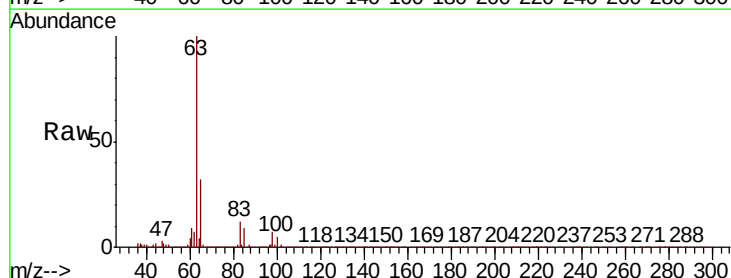
Tgt Ion: 63 Resp: 322237

Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.8

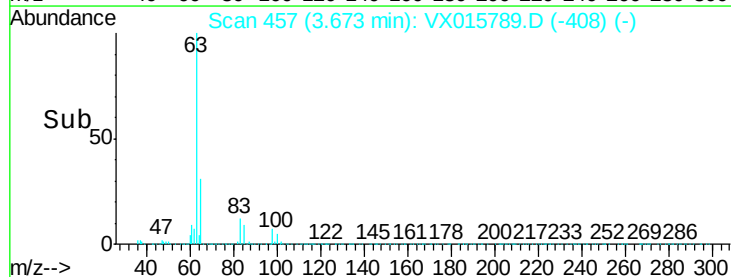
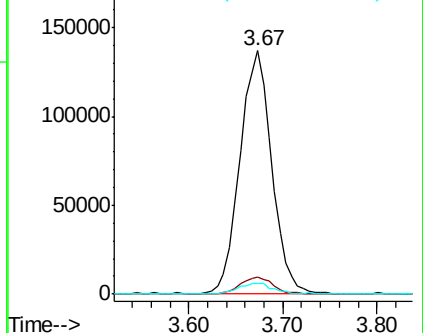
100 4.4 2.1 6.5

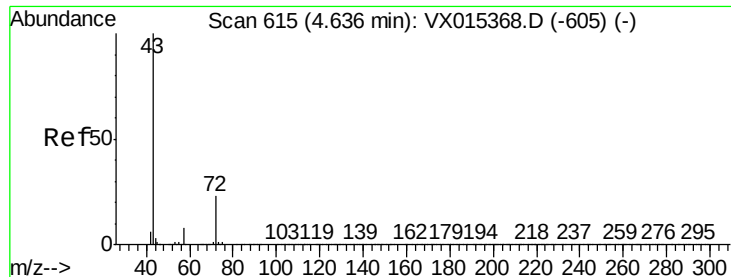


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 81.594 ug/l

RT: 4.63 min Scan# 614

Delta R.T. -0.01 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Instrument :

MSVOA_X

ClientSampleId :

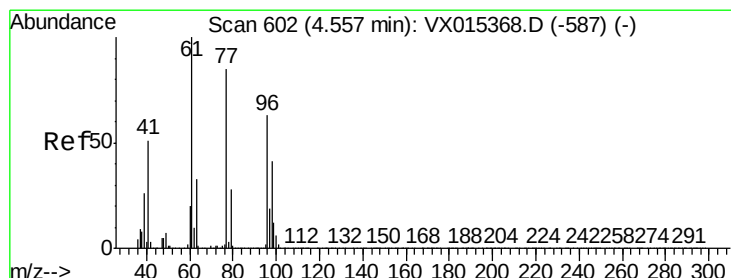
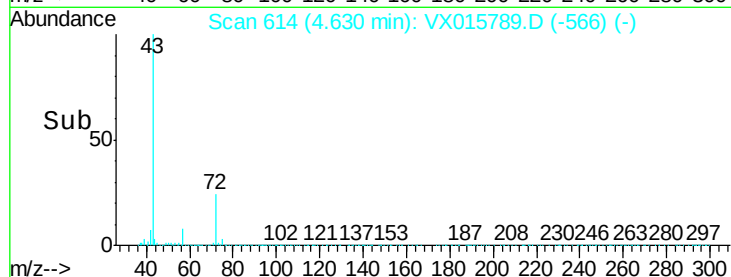
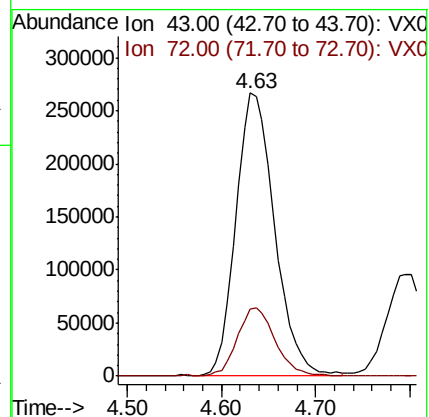
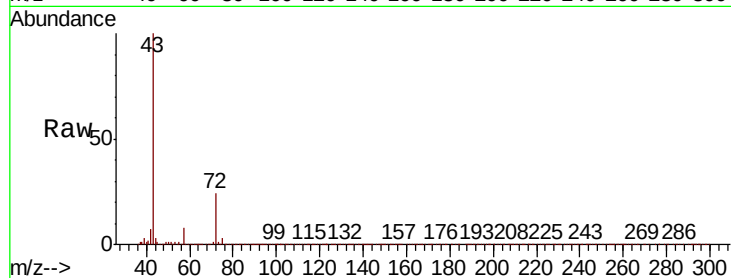
VX0421WBSD01

Tot Ion: 43 Resp: 759393

Ion Ratio Lower Upper

43 100

72 23.5 19.0 28.4



#26

2,2-Dichloropropane

Concen: 17.270 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015789.D

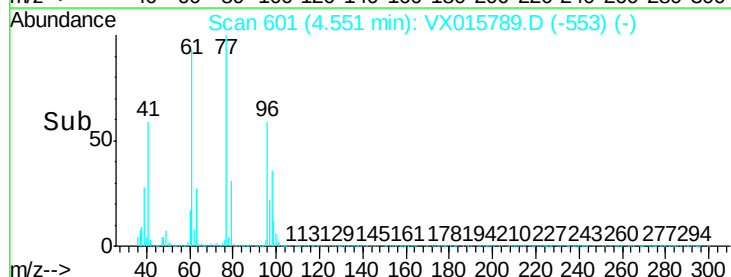
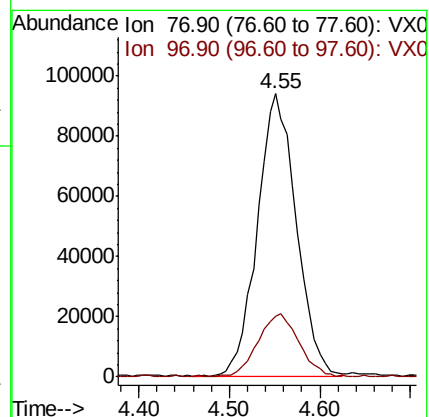
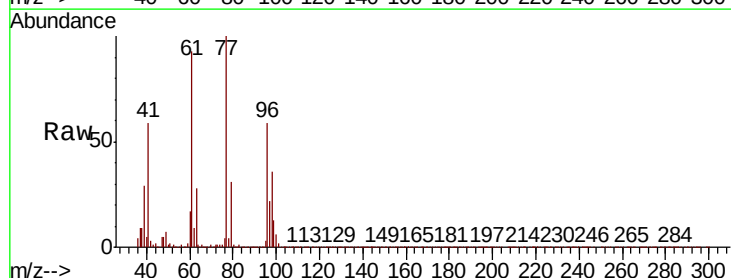
Acq: 21 Apr 2020 13:15

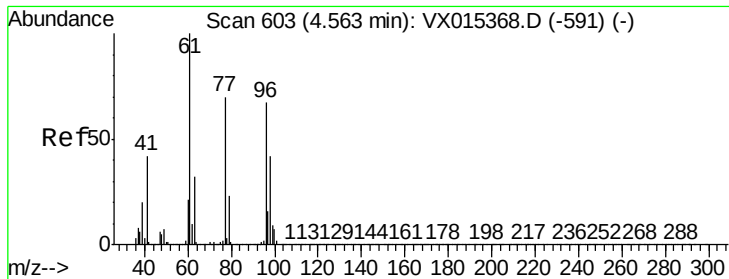
Tgt Ion: 77 Resp: 278639

Ion Ratio Lower Upper

77 100

97 23.0 11.3 33.8



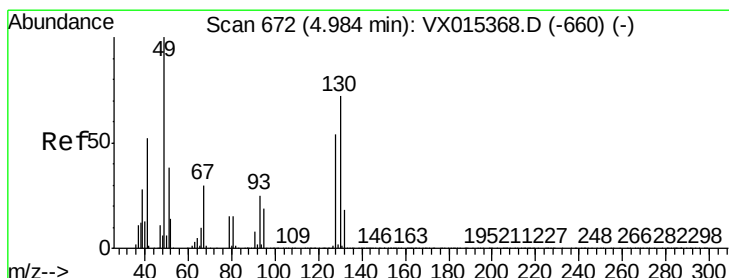
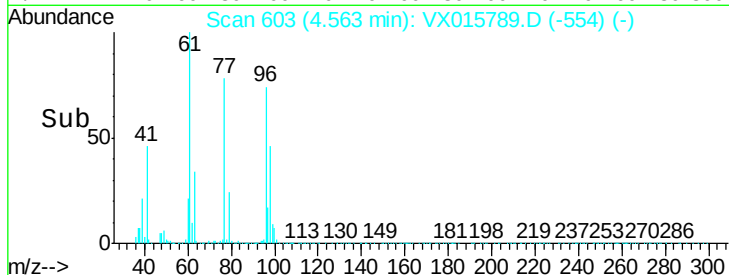
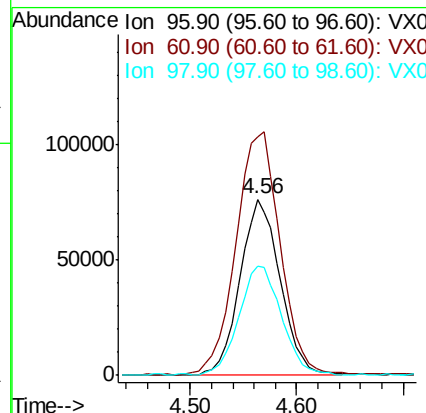
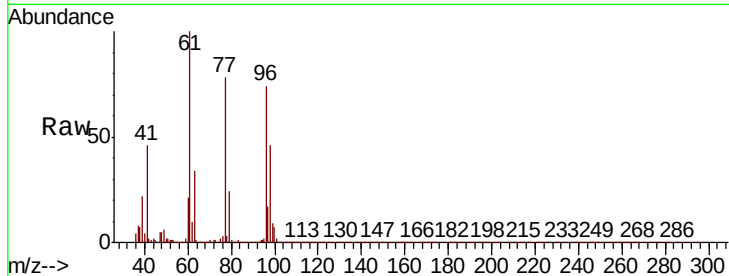


#27

cis-1,2-Dichloroethene
 Concen: 17.507 ug/l
 RT: 4.56 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: VX015789.D
 Acq: 21 Apr 2020 13:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBSD01

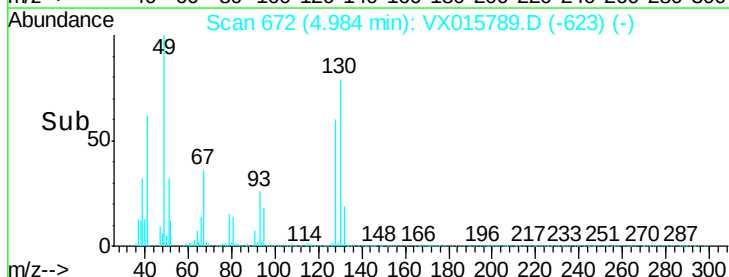
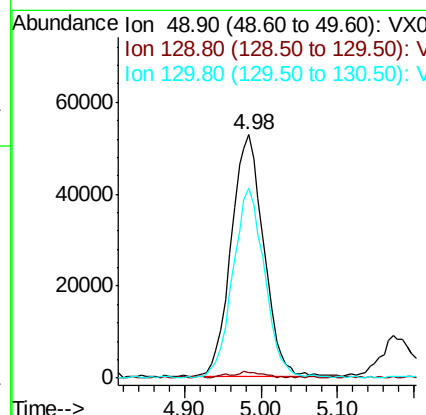
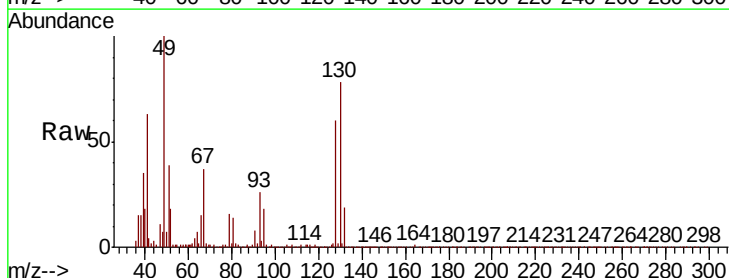
Tot Ion	96	Resp	202690
Ion Ratio	Lower	Upper	
96	100		
61	151.5	0.0	308.4
98	65.2	0.0	129.2

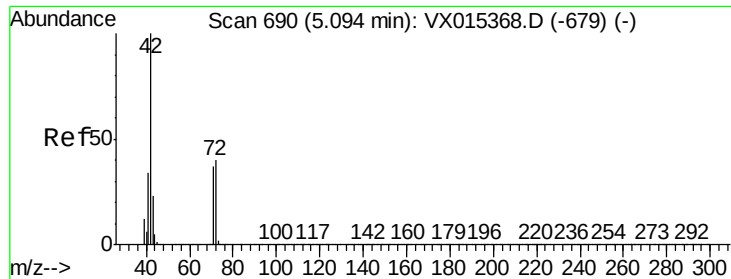


#28

Bromochloromethane
 Concen: 16.462 ug/l
 RT: 4.98 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: VX015789.D
 Acq: 21 Apr 2020 13:15

Tgt Ion	49	Resp	154501
Ion Ratio	Lower	Upper	
49	100		
129	2.6	0.0	4.4
130	75.8	57.7	86.5





#29

Tetrahydrofuran

Concen: 80.672 ug/l

RT: 5.09 min Scan# 689

Delta R.T. -0.01 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBSD01

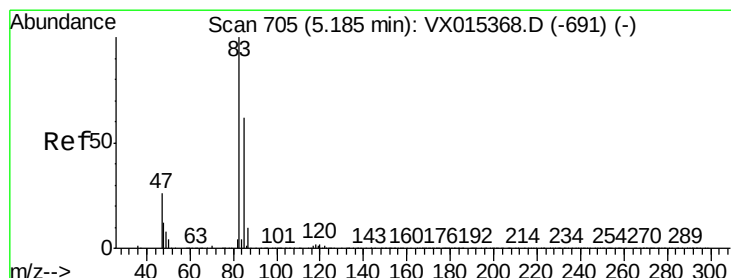
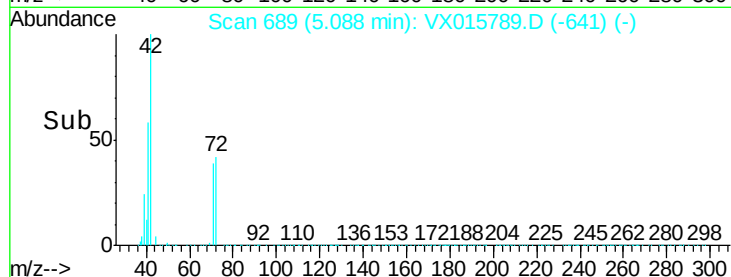
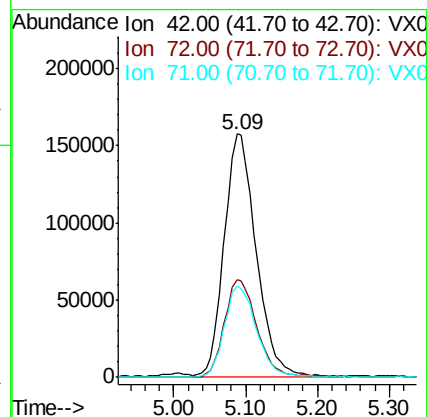
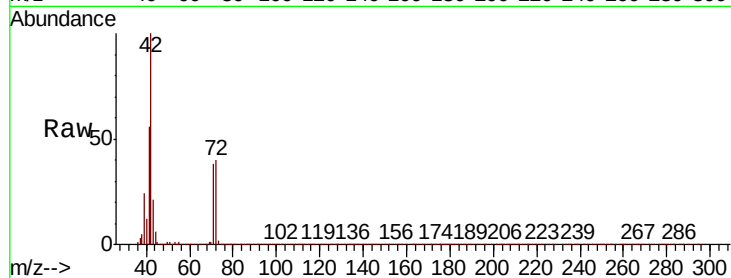
Tot Ion: 42 Resp: 482676

Ion Ratio Lower Upper

42 100

72 40.6 31.7 47.5

71 37.5 29.6 44.4



#30

Chloroform

Concen: 17.118 ug/l

RT: 5.18 min Scan# 704

Delta R.T. -0.01 min

Lab File: VX015789.D

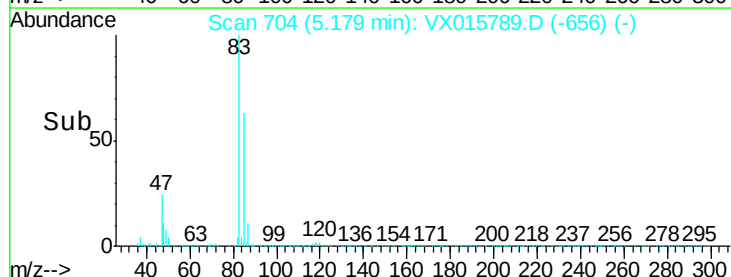
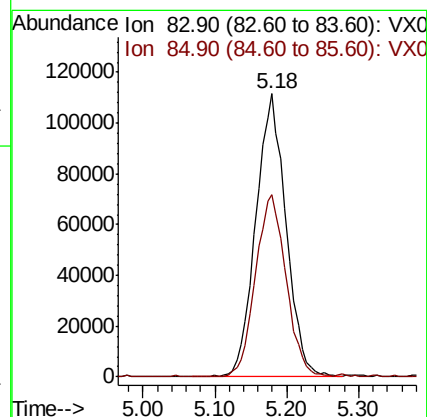
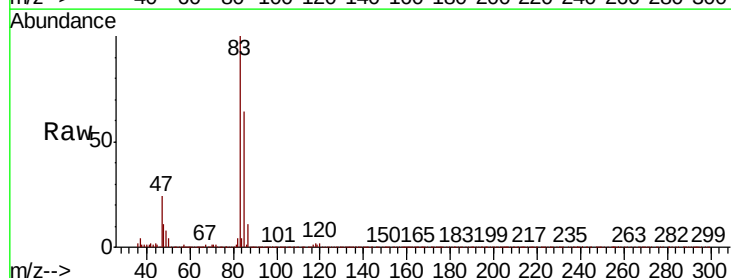
Acq: 21 Apr 2020 13:15

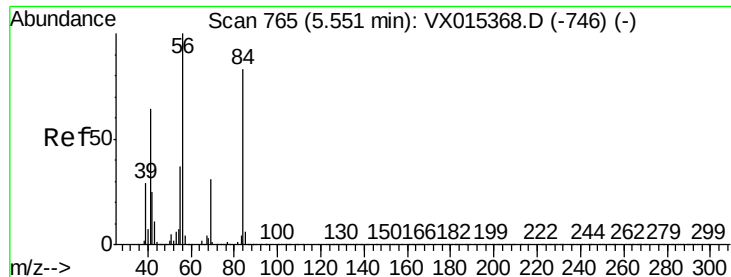
Tgt Ion: 83 Resp: 323730

Ion Ratio Lower Upper

83 100

85 64.4 49.5 74.3

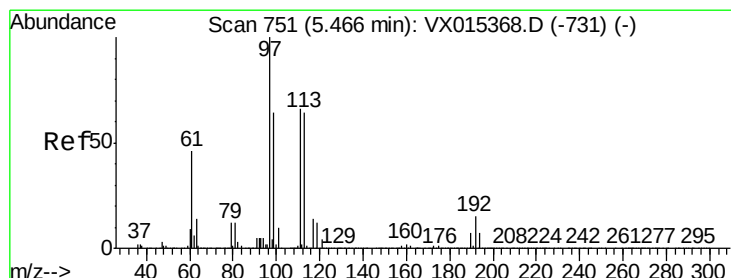
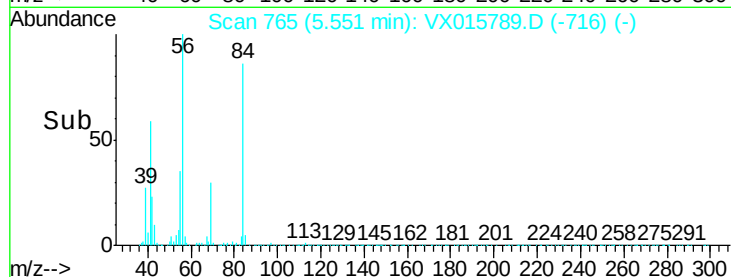
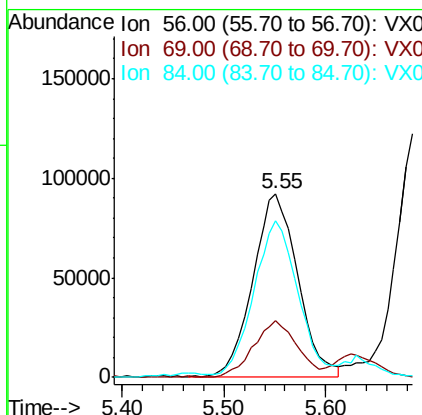
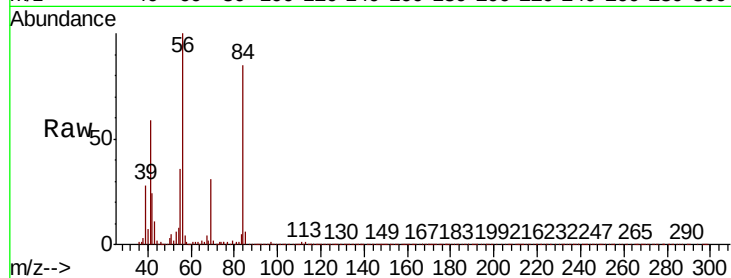




#31
Cyclohexane
Concen: 16.356 ug/l
RT: 5.55 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

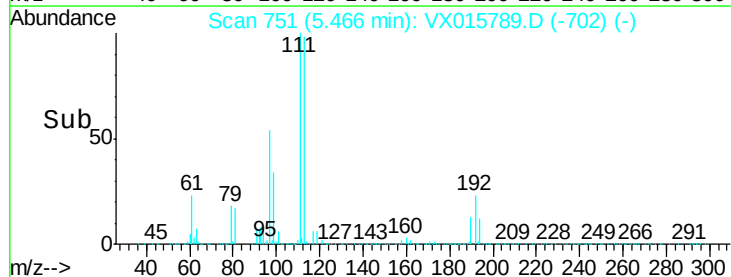
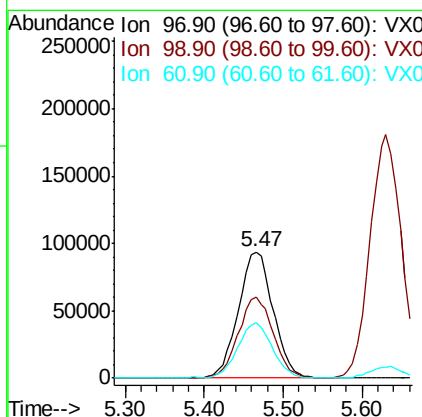
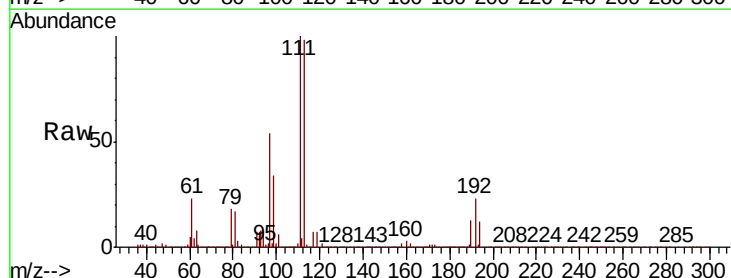
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD01

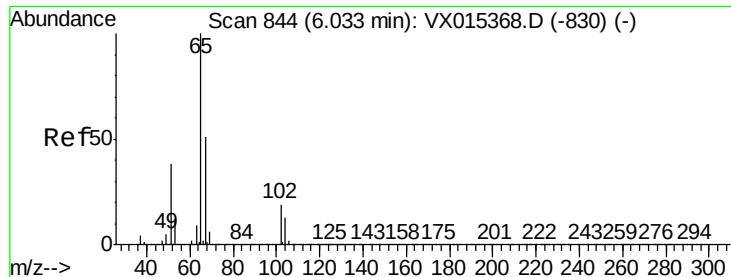
Tot Ion: 56 Resp: 278907
Ion Ratio Lower Upper
56 100
69 30.1 24.6 36.8
84 83.3 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 16.691 ug/l
RT: 5.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

Tgt Ion: 97 Resp: 285666
Ion Ratio Lower Upper
97 100
99 63.9 51.0 76.4
61 43.2 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 46.599 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Instrument :

MSVOA_X

ClientSampleId :

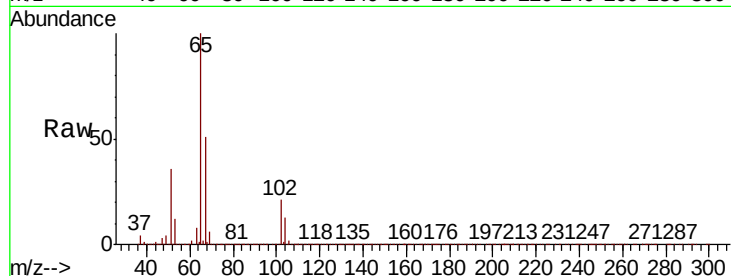
VX0421WBSD01

Tot Ion: 65 Resp: 627697

Ion Ratio Lower Upper

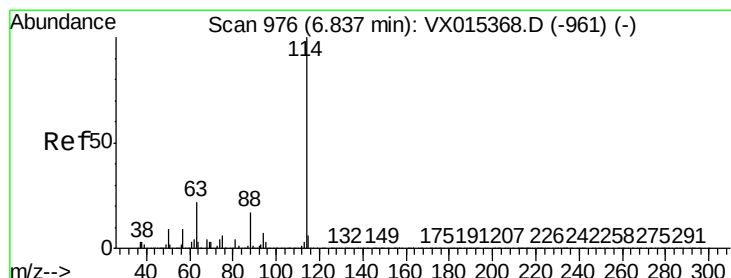
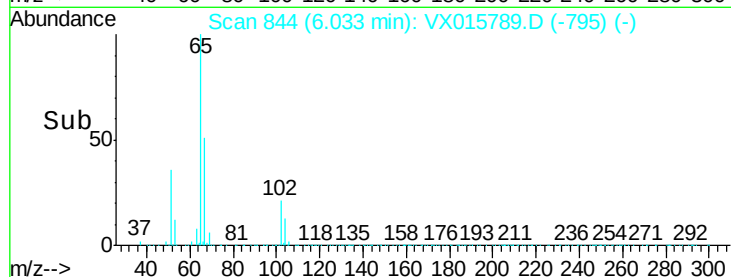
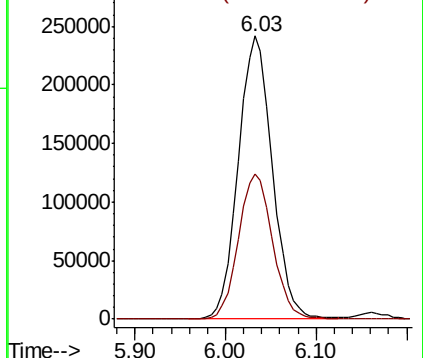
65 100

67 51.3 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

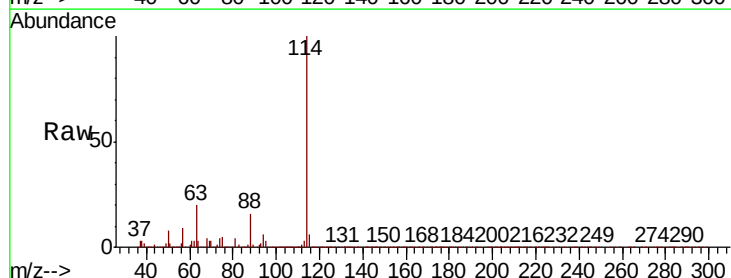
Tgt Ion: 114 Resp: 1424107

Ion Ratio Lower Upper

114 100

63 20.3 0.0 44.2

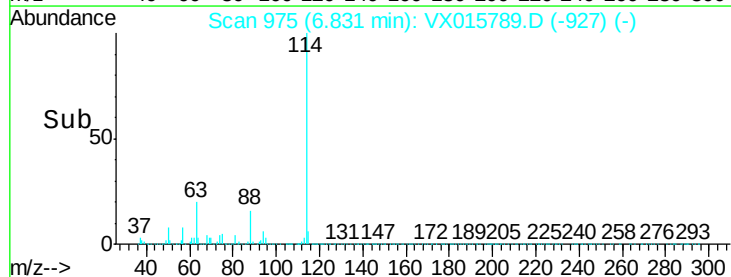
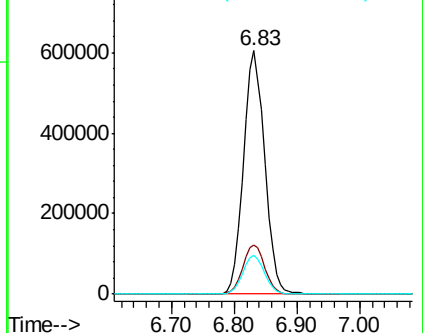
88 16.0 0.0 33.8

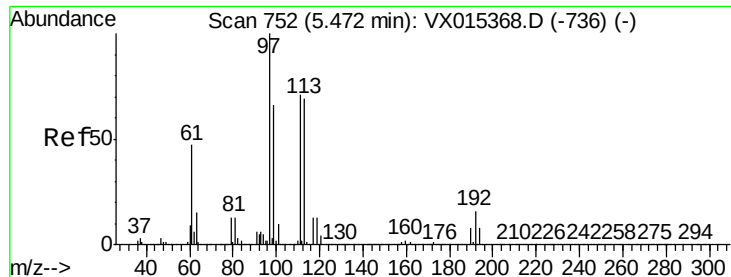


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

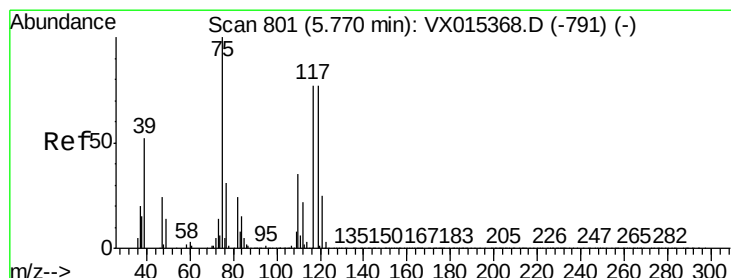
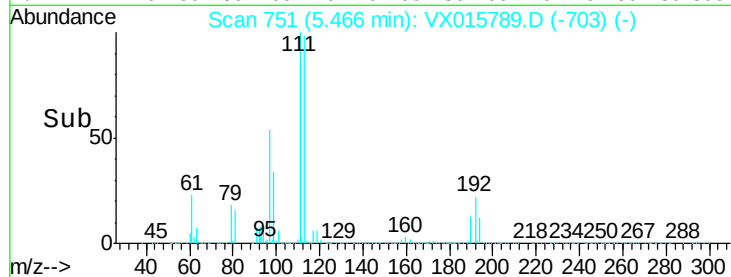
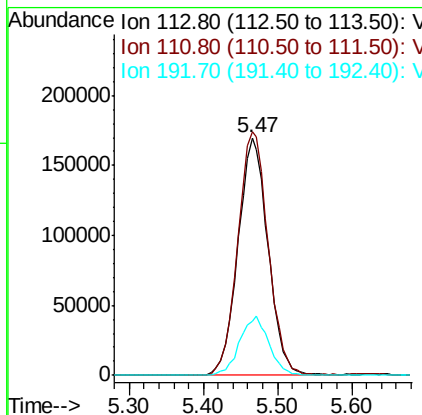
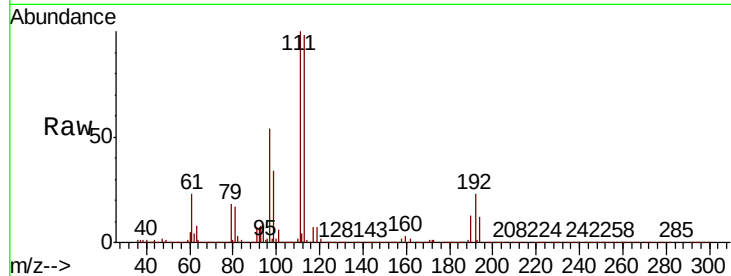




#35
 Dibromofluoromethane
 Concen: 52.532 ug/l
 RT: 5.47 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: VX015789.D
 Acq: 21 Apr 2020 13:15

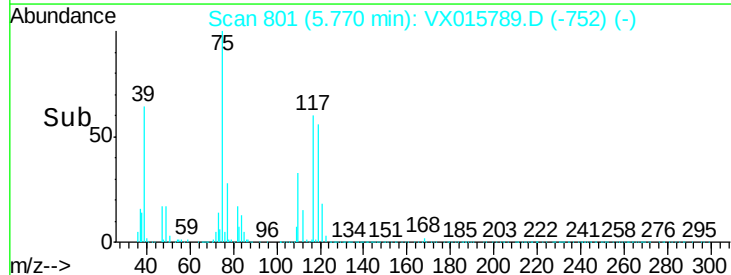
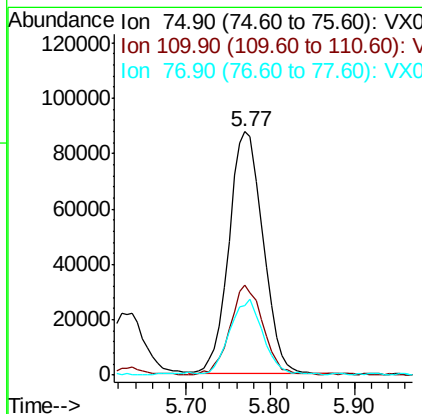
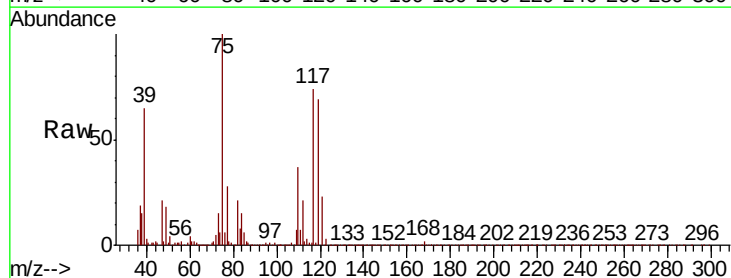
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBSD01

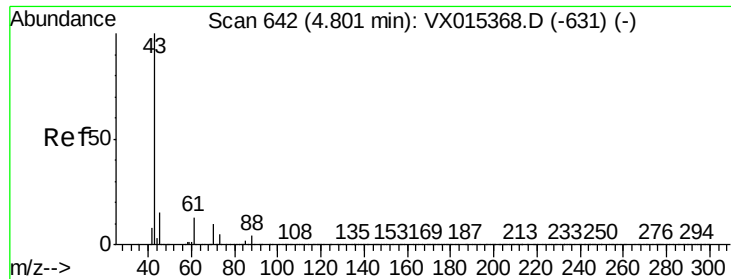
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.5	122.3
192	24.5	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 18.315 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: VX015789.D
 Acq: 21 Apr 2020 13:15

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.2	17.1	51.3
77	29.9	24.6	36.8

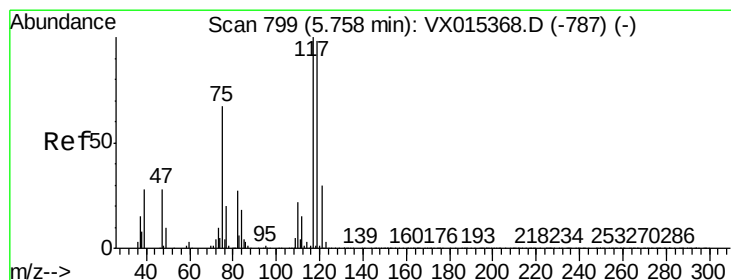
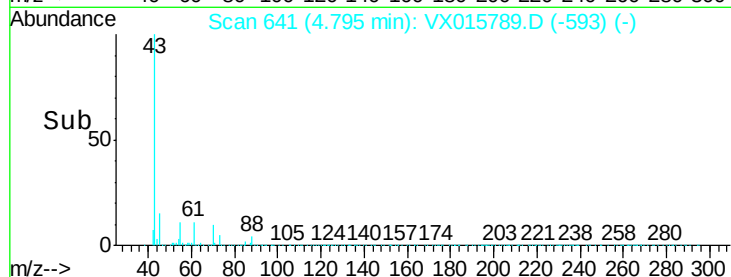
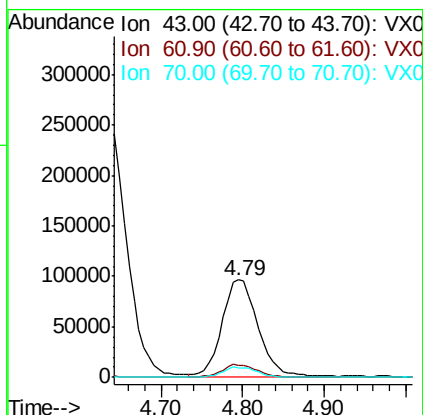
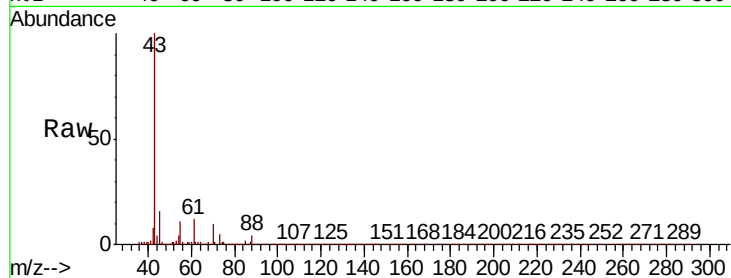




#37
Ethyl Acetate
Concen: 16.904 ug/l
RT: 4.79 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

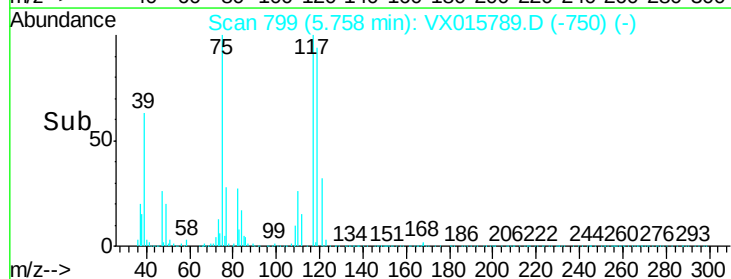
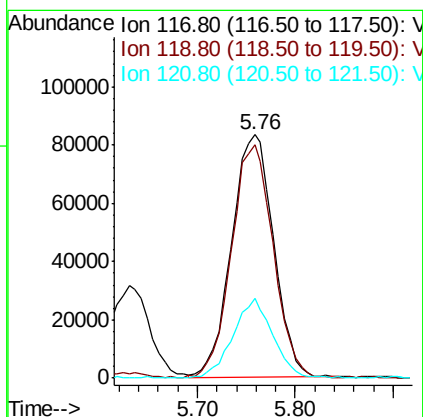
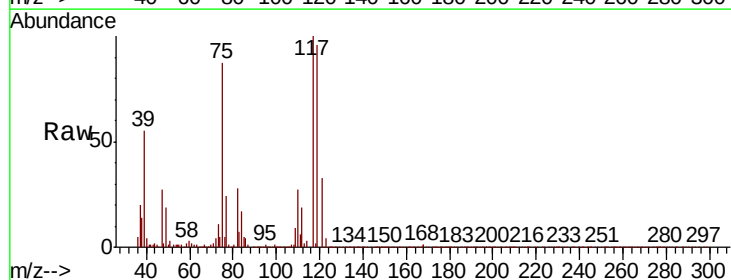
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD01

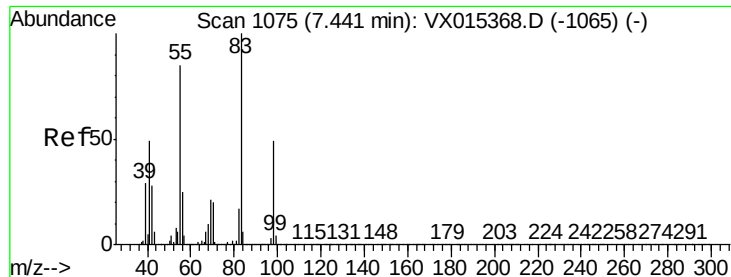
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	9.9	14.9
70	10.5	8.1	12.1



#38
Carbon Tetrachloride
Concen: 17.416 ug/l
RT: 5.76 min Scan# 799
Delta R.T. 0.00 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	78.0	117.0
121	32.6	23.8	35.8

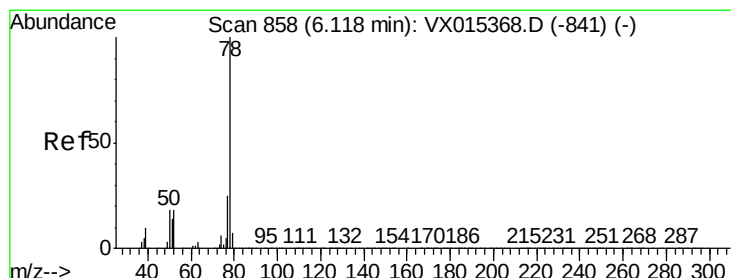
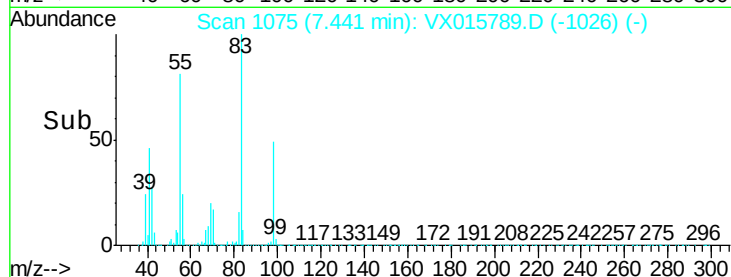
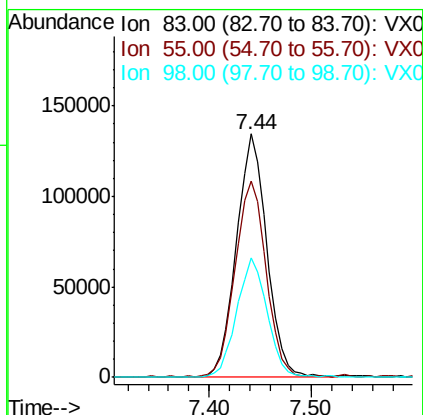
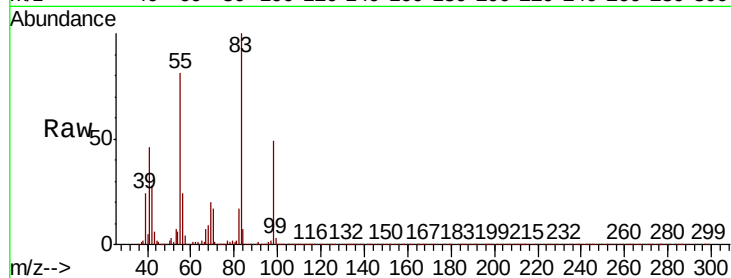




#39
Methylvlcyclohexane
Concen: 18.377 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

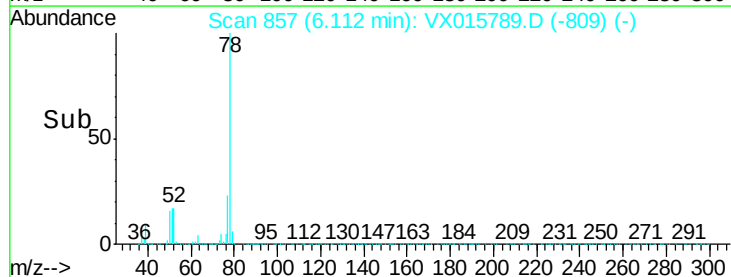
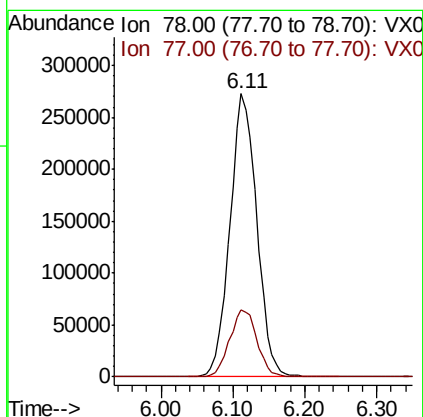
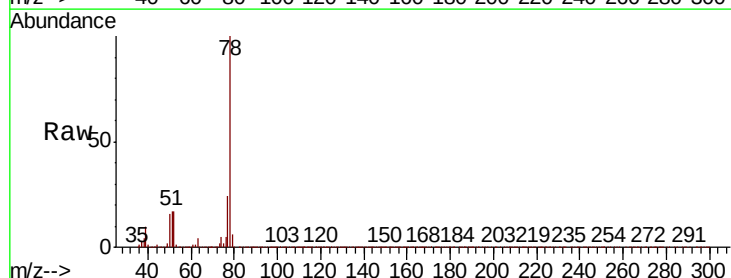
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD01

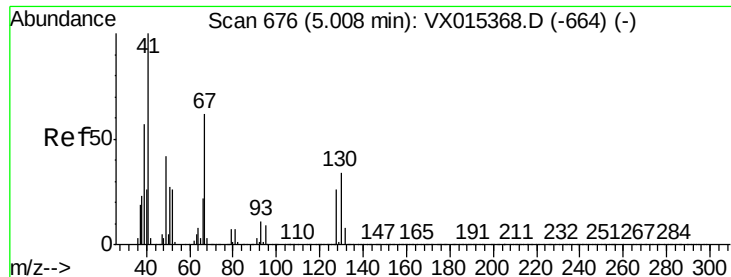
Tot Ion: 83 Resp: 278024
Ion Ratio Lower Upper
83 100
55 80.0 67.8 101.6
98 49.0 39.3 58.9



#40
Benzene
Concen: 18.320 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

Tgt Ion: 78 Resp: 704152
Ion Ratio Lower Upper
78 100
77 23.6 19.8 29.8

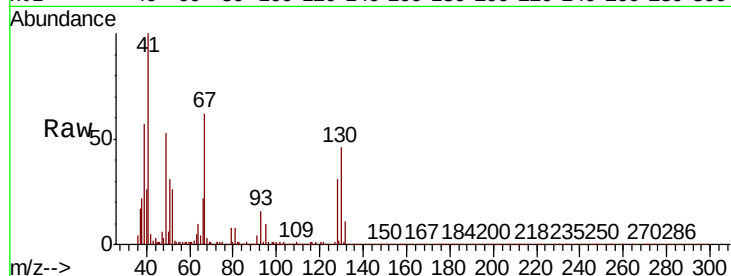




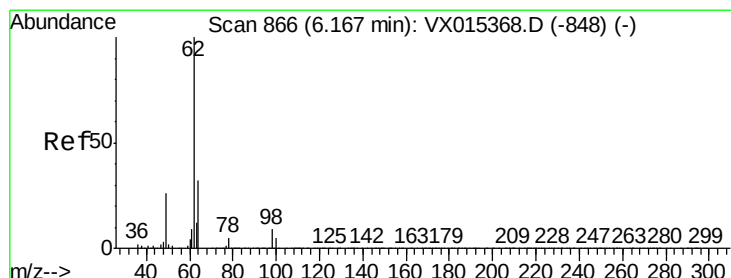
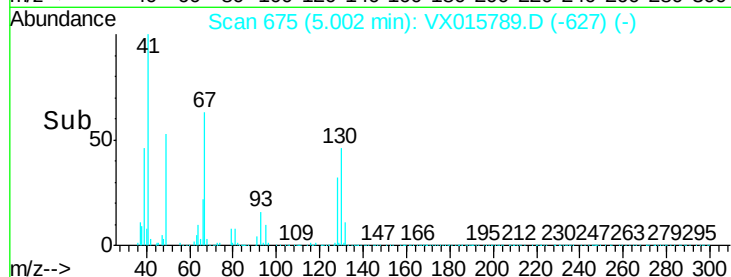
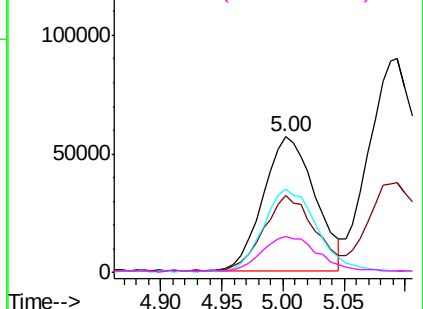
#41
Methacrylonitrile
Concen: 17.599 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD01

Tot Ion:	41	Resp:	166910
Ion	Ratio	Lower	Upper
41	100		
39	54.9	44.5	66.7
67	66.2	48.9	73.3
52	28.7	21.8	32.6

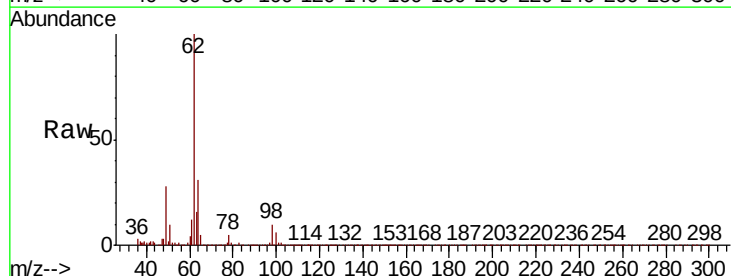


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

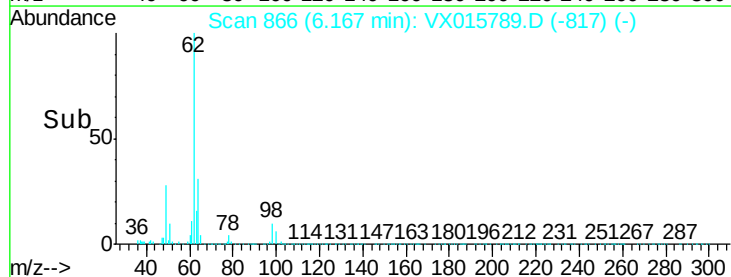
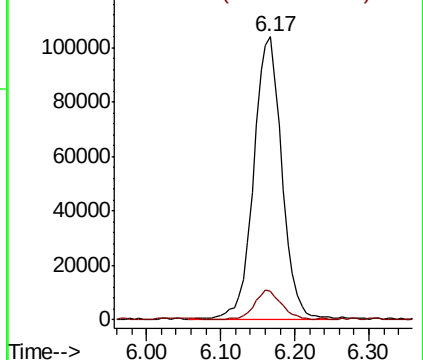


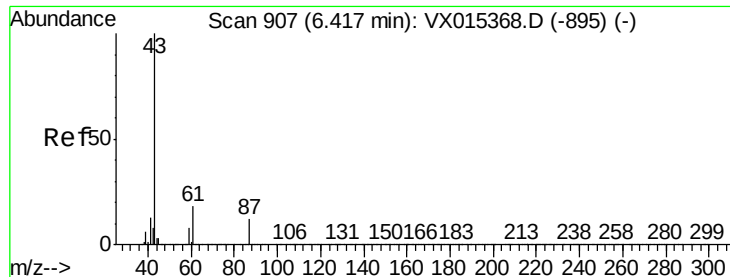
#42
1,2-Dichloroethane
Concen: 18.046 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

Tgt Ion:	62	Resp:	278609
Ion	Ratio	Lower	Upper
62	100		
98	9.7	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: 17.332 ug/l

RT: 6.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBSD01

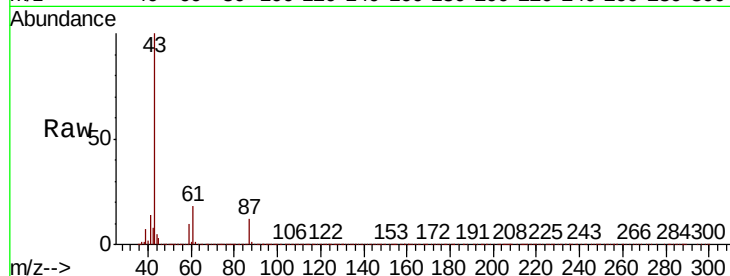
Tot Ion: 43 Resp: 499873

Ion Ratio Lower Upper

43 100

61 19.2 14.8 22.2

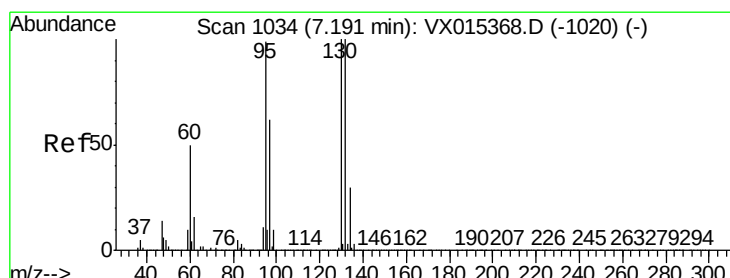
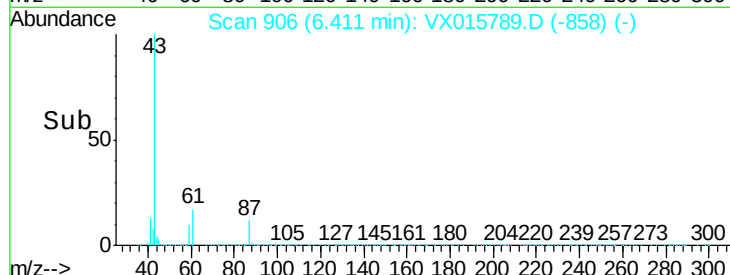
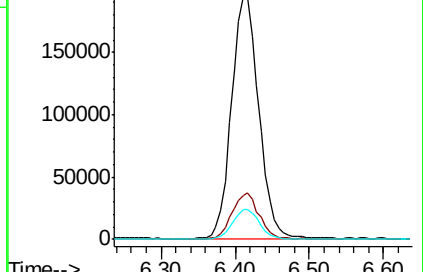
87 11.9 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.237 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX015789.D

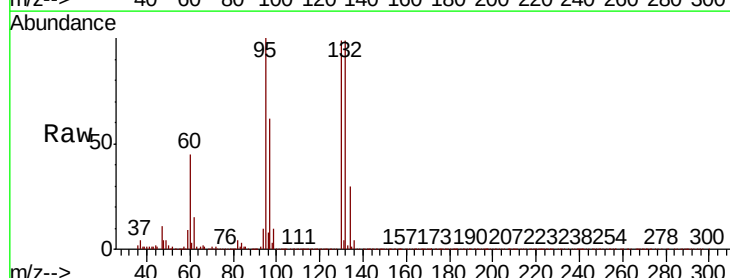
Acq: 21 Apr 2020 13:15

Tgt Ion:130 Resp: 201659

Ion Ratio Lower Upper

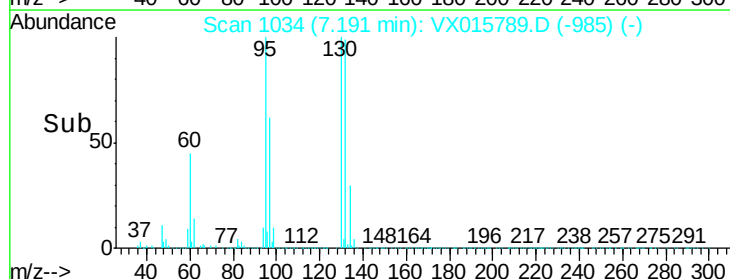
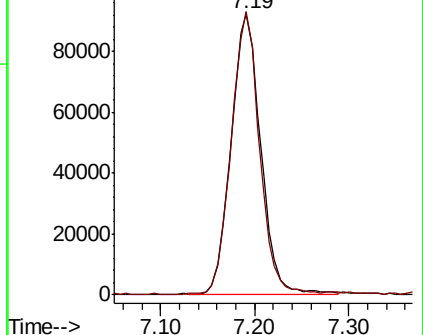
130 100

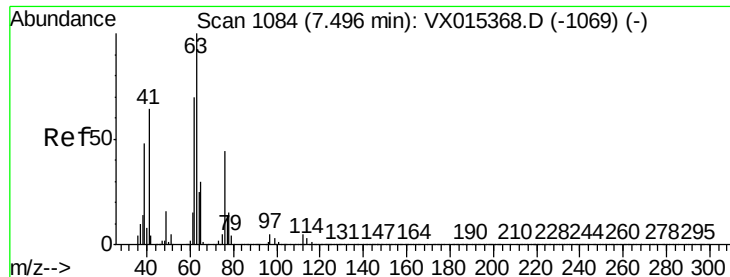
95 100.0 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

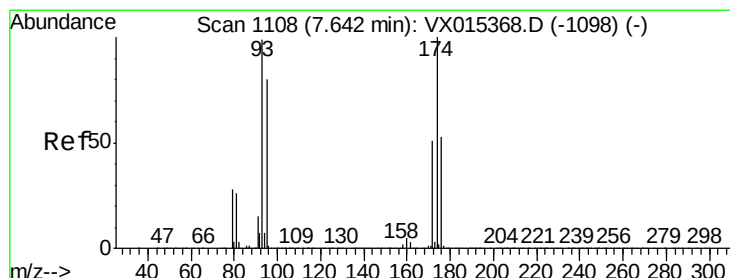
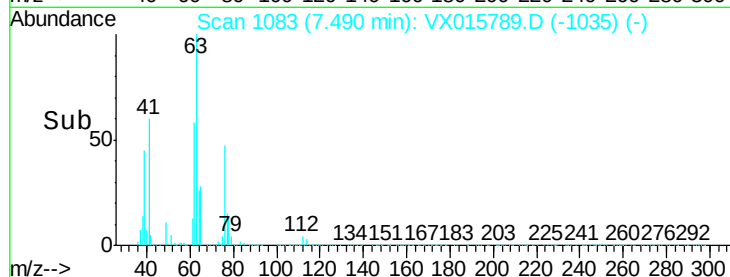
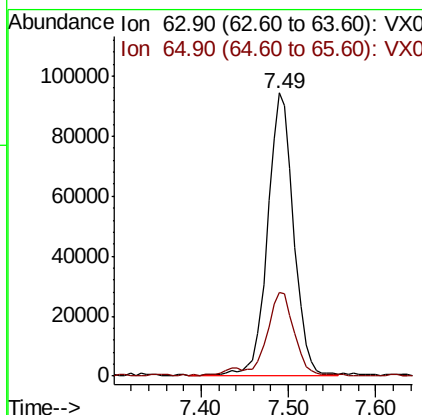
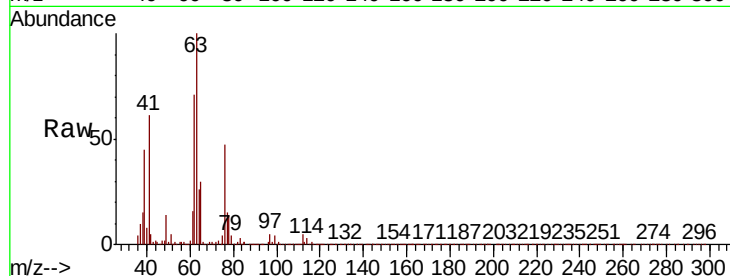




#45
 1,2-Dichloropropane
 Concen: 18.668 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015789.D
 Acq: 21 Apr 2020 13:15

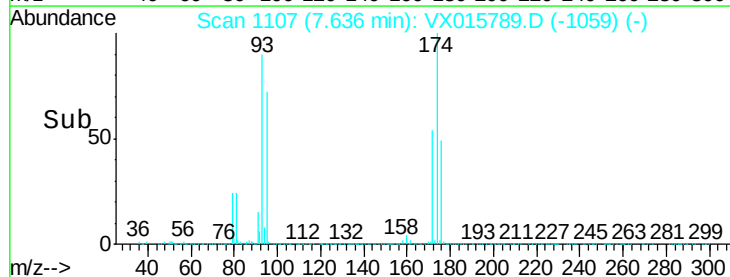
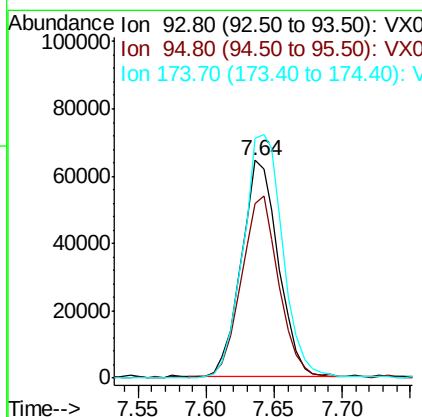
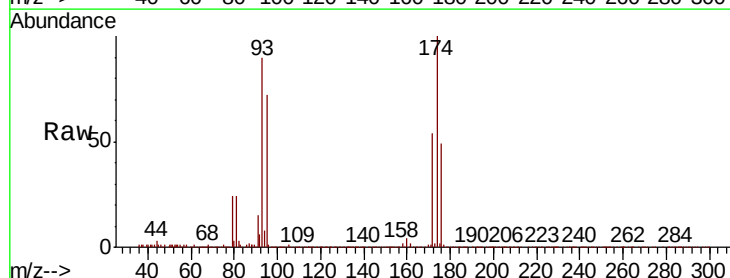
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBSD01

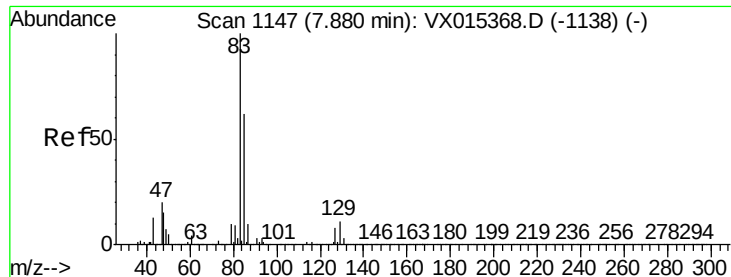
Tot Ion: 63 Resp: 196289
 Ion Ratio Lower Upper
 63 100
 65 29.8 23.9 35.9



#46
 Dibromomethane
 Concen: 17.726 ug/l
 RT: 7.64 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: VX015789.D
 Acq: 21 Apr 2020 13:15

Tgt Ion: 93 Resp: 122264
 Ion Ratio Lower Upper
 93 100
 95 84.5 65.8 98.8
 174 121.1 86.2 129.2





#47

Bromodichloromethane

Concen: 17.302 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBSD01

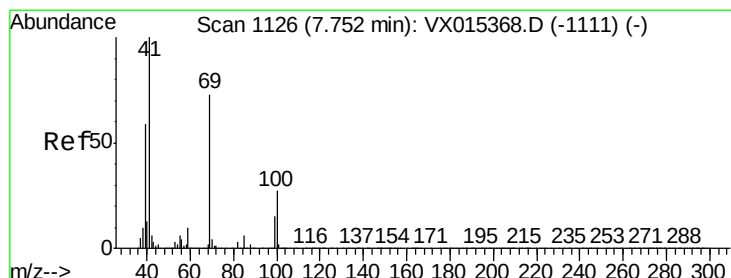
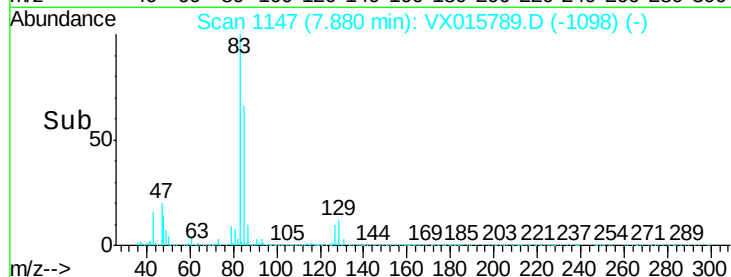
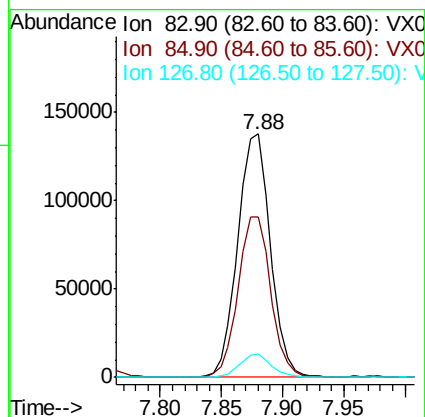
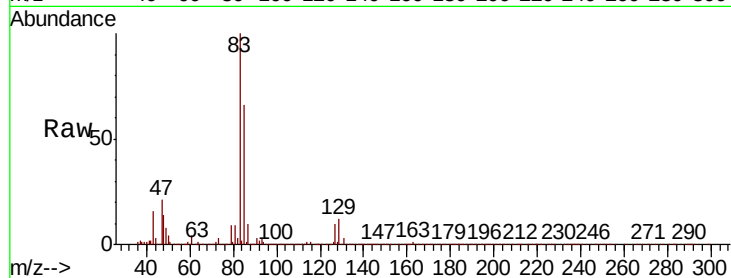
Tot Ion: 83 Resp: 254283

Ion Ratio Lower Upper

83 100

85 65.8 49.7 74.5

127 9.5 6.7 10.1



#48

Methyl methacrylate

Concen: 17.367 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. -0.01 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

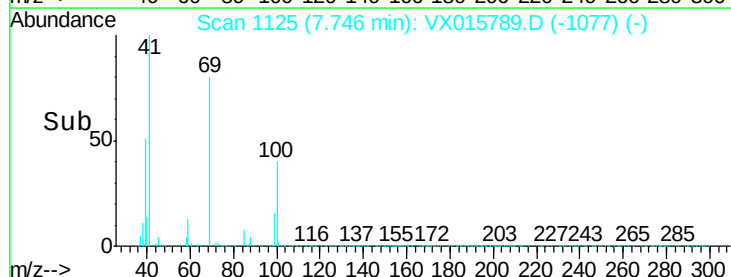
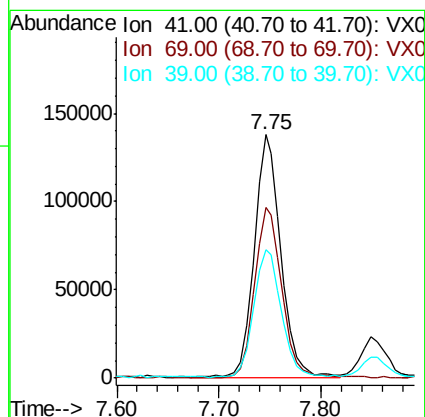
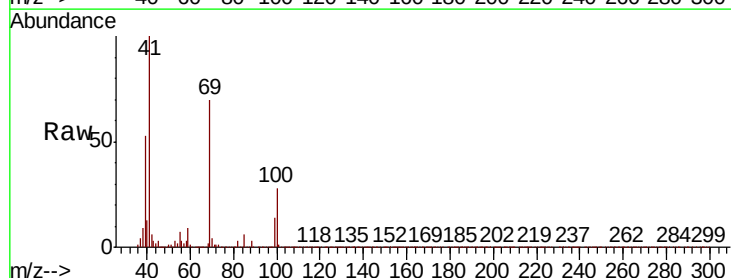
Tgt Ion: 41 Resp: 250195

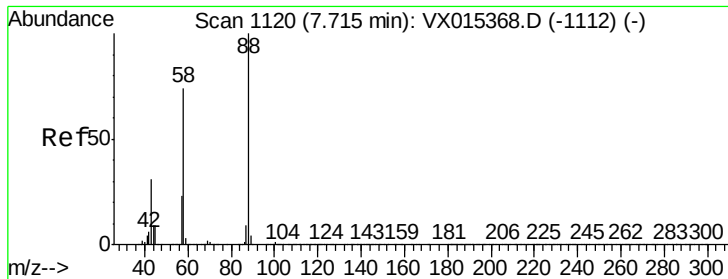
Ion Ratio Lower Upper

41 100

69 71.9 56.7 85.1

39 54.2 46.5 69.7





#49

1,4-Dioxane

Concen: 307.303 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. 0.00 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBSD01

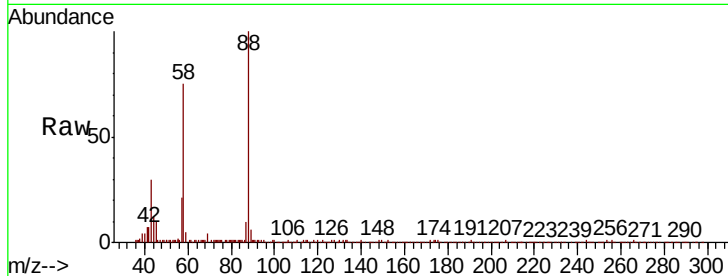
Tot Ion: 88 Resp: 82586

Ion Ratio Lower Upper

88 100

43 41.0 30.1 45.1

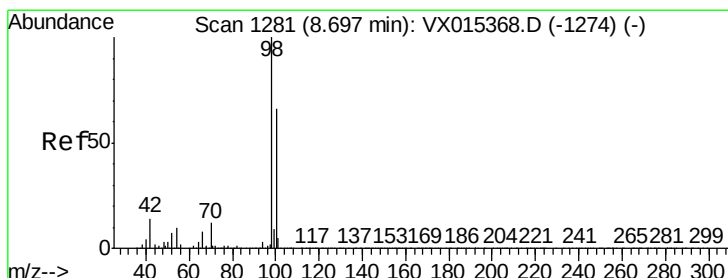
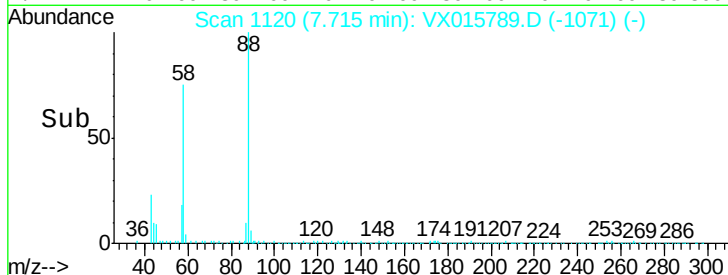
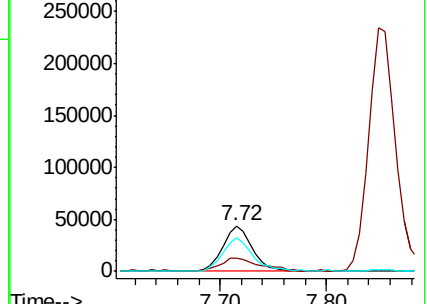
58 75.3 60.6 90.8



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: 52.948 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015789.D

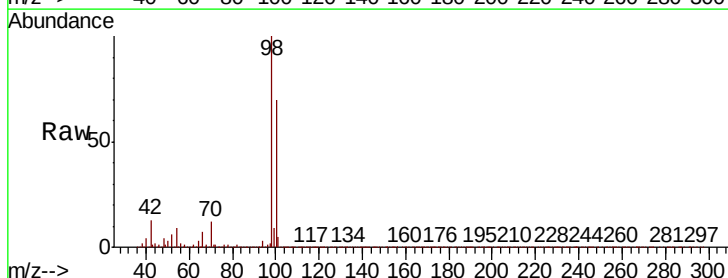
Acq: 21 Apr 2020 13:15

Tgt Ion: 98 Resp: 1774586

Ion Ratio Lower Upper

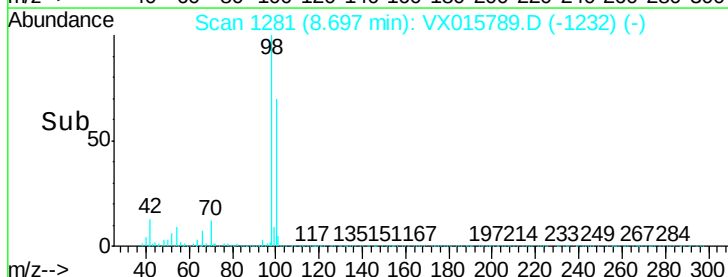
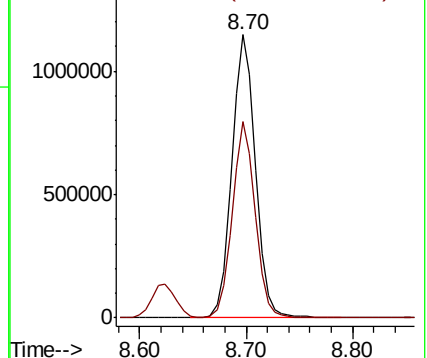
98 100

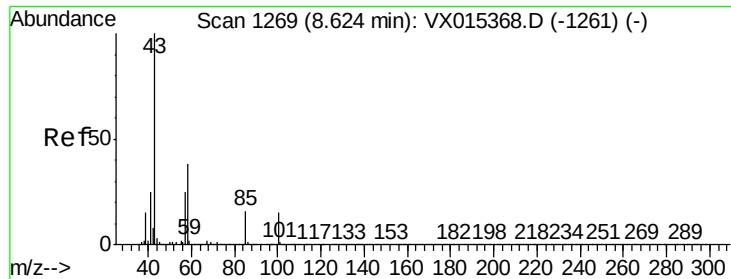
100 67.6 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 90.701 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Instrument :

MSVOA_X

ClientSampleId :

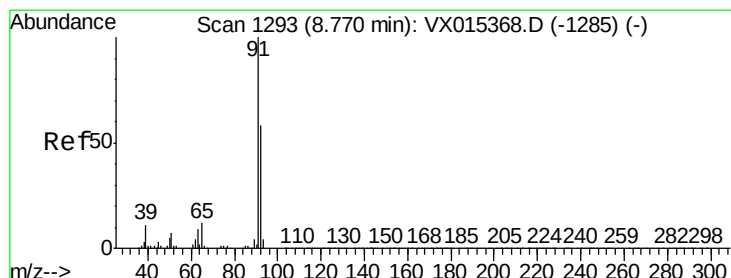
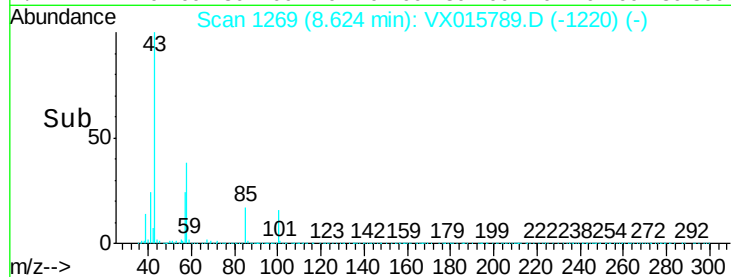
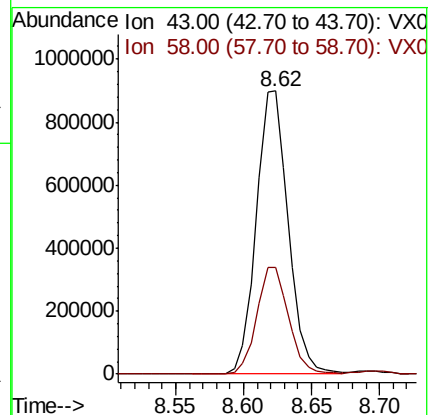
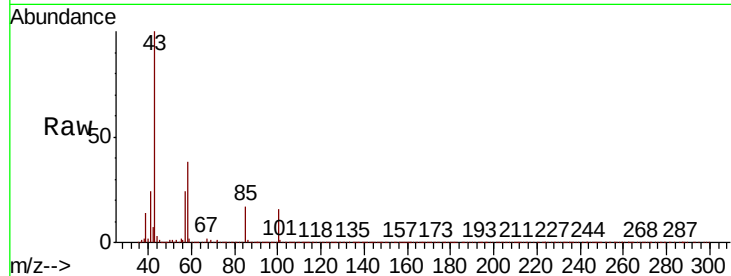
VX0421WBSD01

Tot Ion: 43 Resp: 1482520

Ion Ratio Lower Upper

43 100

58 37.6 29.7 44.5



#52

Toluene

Concen: 19.063 ug/l

RT: 8.76 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VX015789.D

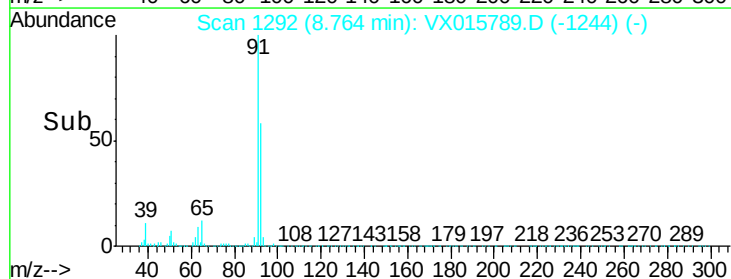
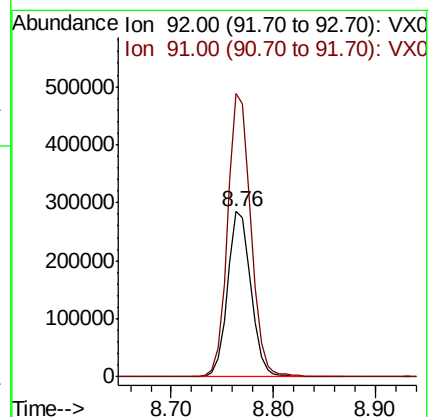
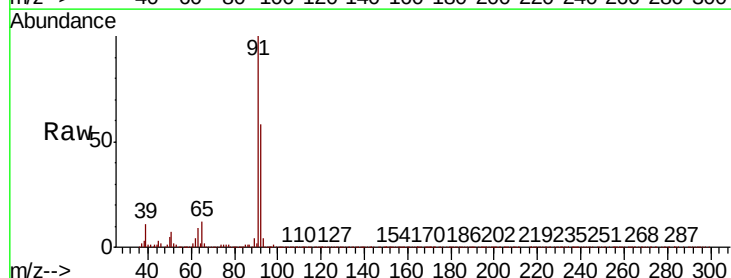
Acq: 21 Apr 2020 13:15

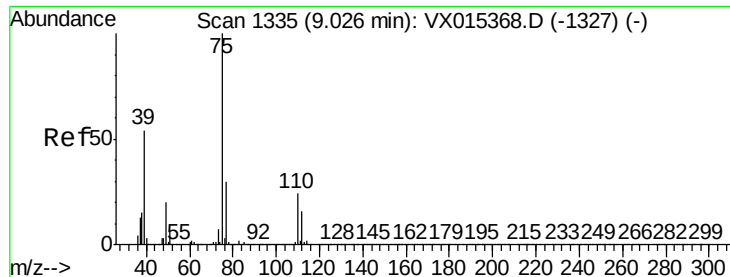
Tgt Ion: 92 Resp: 451735

Ion Ratio Lower Upper

92 100

91 169.3 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 17.007 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Instrument :

MSVOA_X

ClientSampleId :

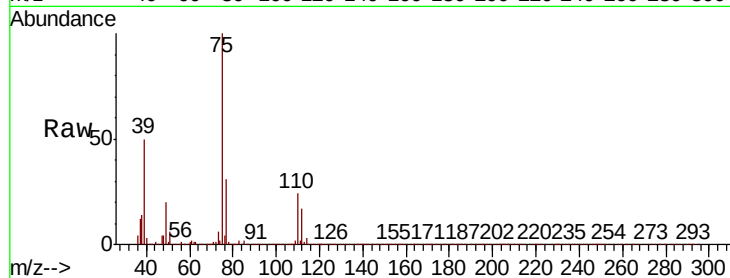
VX0421WBSD01

Tot Ion: 75 Resp: 293143

Ion Ratio Lower Upper

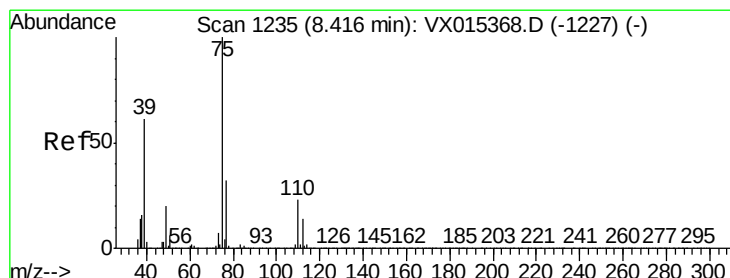
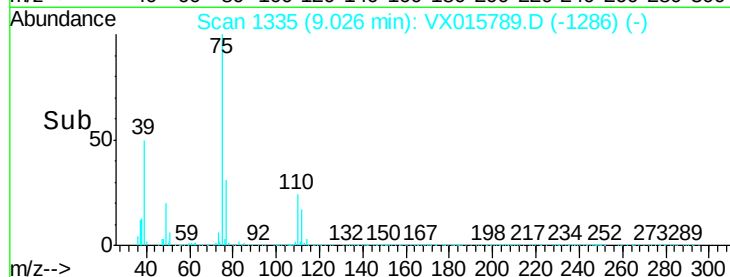
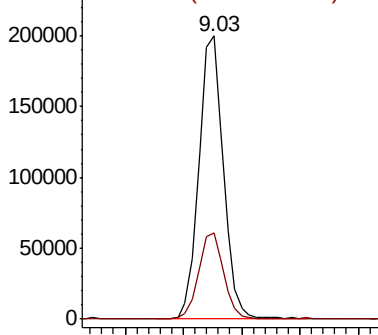
75 100

77 30.4 24.1 36.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 18.056 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

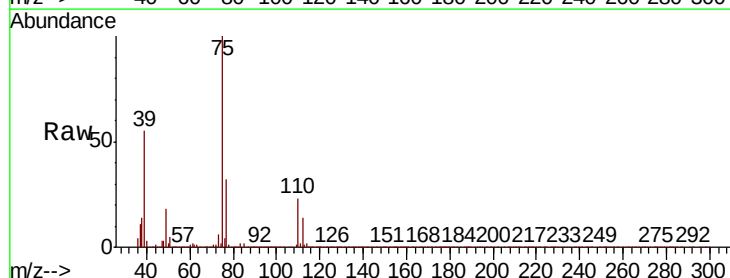
Tgt Ion: 75 Resp: 317037

Ion Ratio Lower Upper

75 100

77 31.9 25.8 38.6

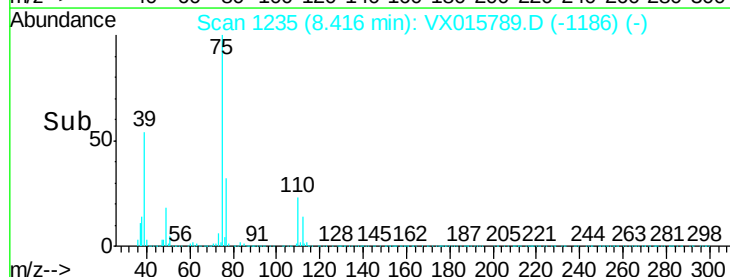
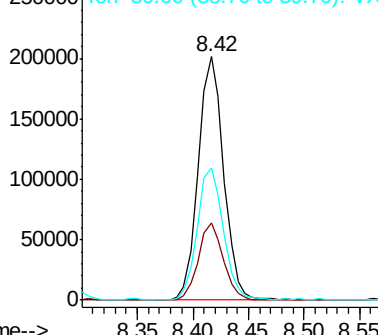
39 54.6 49.0 73.4

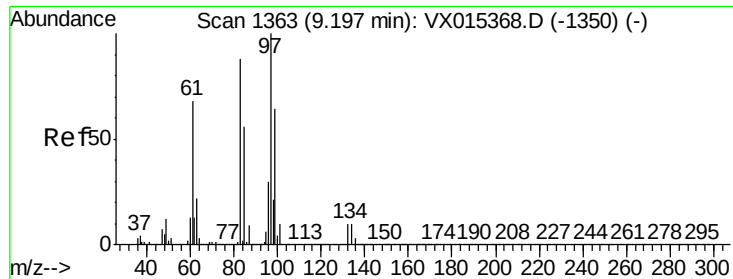


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

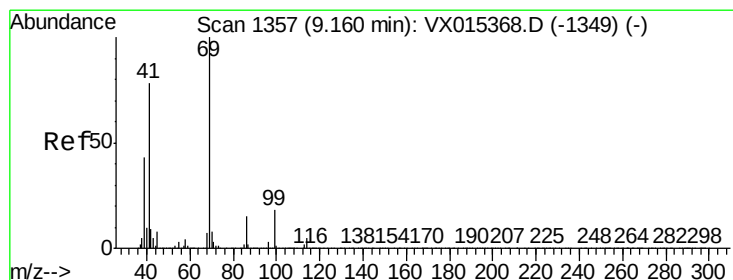
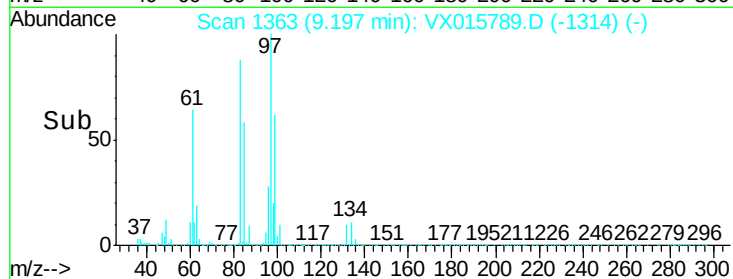
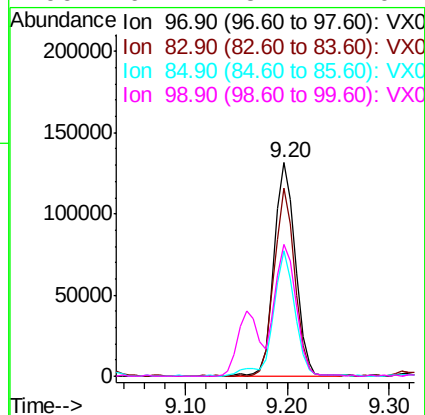
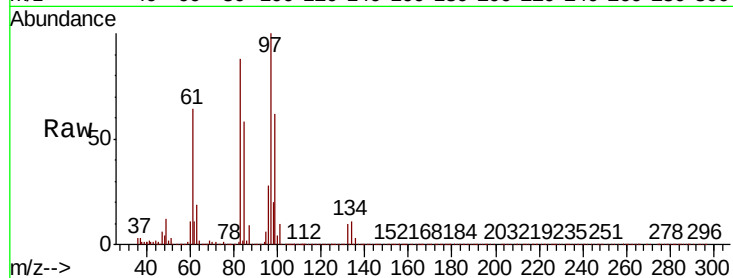




#55
 1,1,2-Trichloroethane
 Concen: 19.616 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VX015789.D
 Acq: 21 Apr 2020 13:15

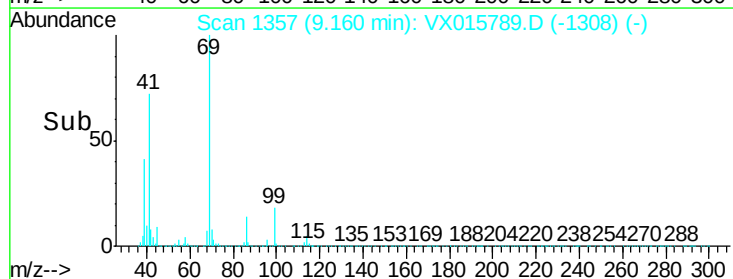
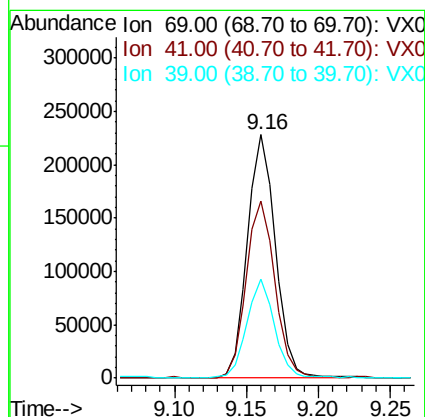
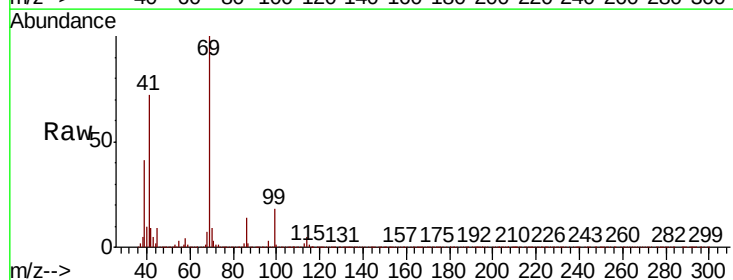
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBSD01

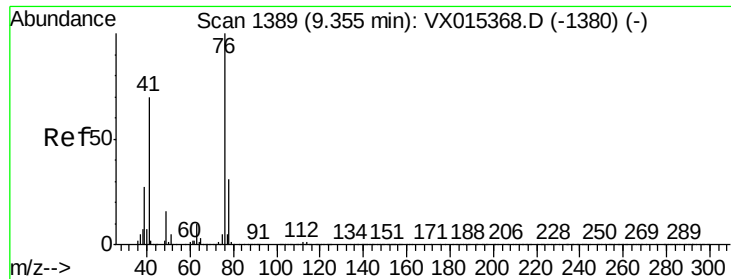
Tot Ion	Ratio	Lower	Upper
97	100		
83	87.8	70.2	105.4
85	58.2	44.7	67.1
99	61.7	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 17.911 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: VX015789.D
 Acq: 21 Apr 2020 13:15

Tgt Ion	Ratio	Lower	Upper
69	100		
41	74.0	61.6	92.4
39	39.8	34.0	51.0

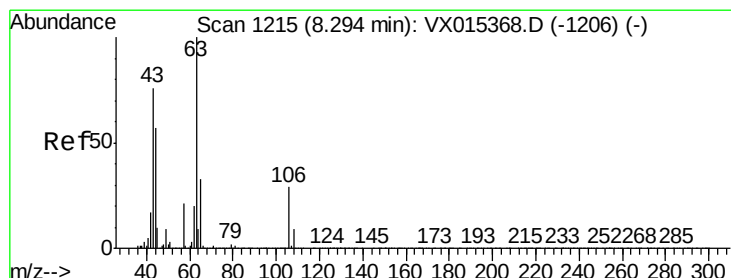
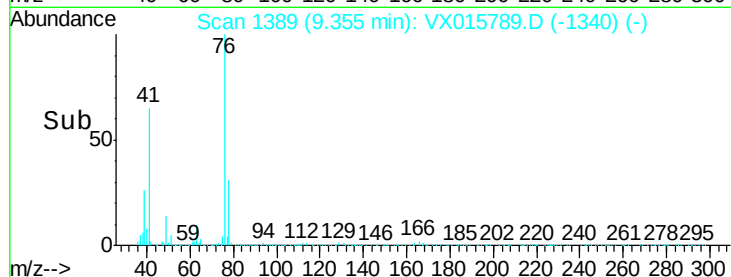
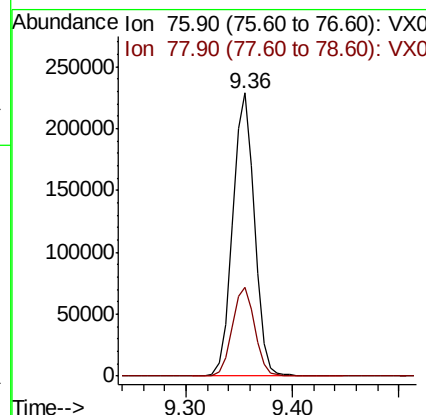
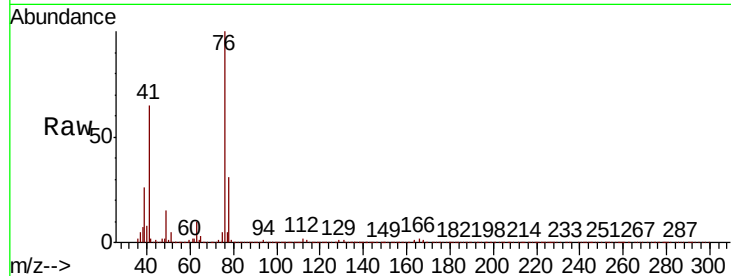




#57
 1,3-Dichloropropane
 Concen: 18.797 ug/l
 RT: 9.36 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: VX015789.D
 Acq: 21 Apr 2020 13:15

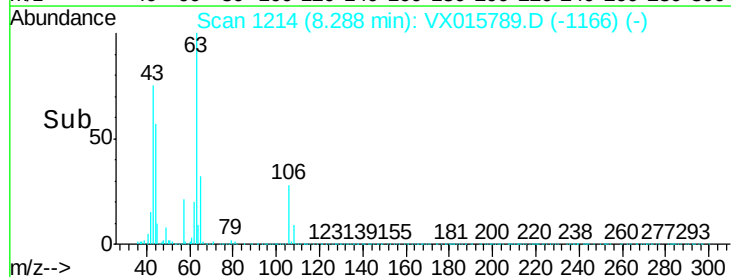
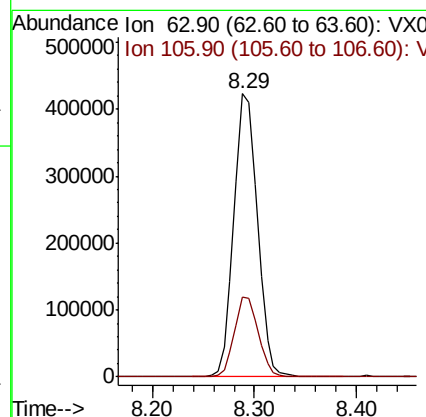
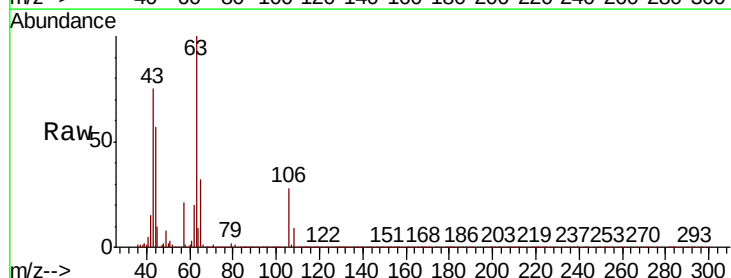
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBSD01

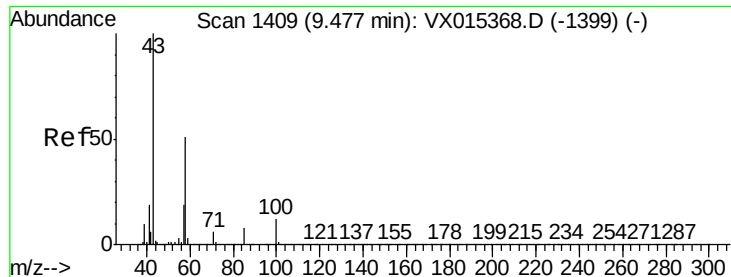
Tot Ion: 76 Resp: 328798
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 81.177 ug/l
 RT: 8.29 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: VX015789.D
 Acq: 21 Apr 2020 13:15

Tgt Ion: 63 Resp: 675608
 Ion Ratio Lower Upper
 63 100
 106 28.4 22.7 34.1





#59

2-Hexanone

Concen: 89.500 ug/l

RT: 9.47 min Scan# 1408

Delta R.T. -0.01 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Instrument :

MSVOA_X

ClientSampleId :

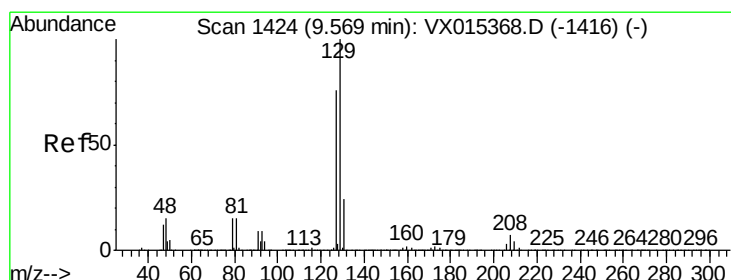
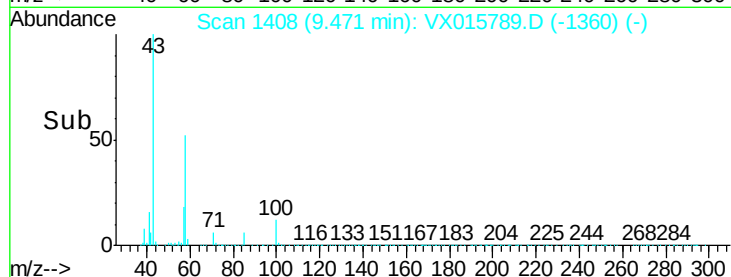
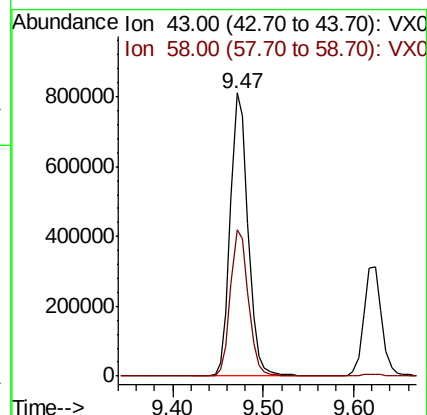
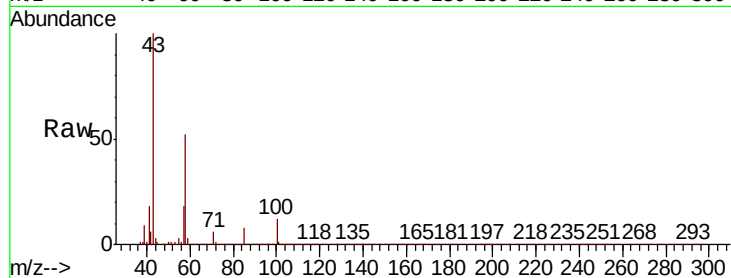
VX0421WBSD01

Tot Ion: 43 Resp: 1104452

Ion Ratio Lower Upper

43 100

58 52.2 25.6 76.6



#60

Dibromochloromethane

Concen: 18.258 ug/l

RT: 9.56 min Scan# 1423

Delta R.T. -0.01 min

Lab File: VX015789.D

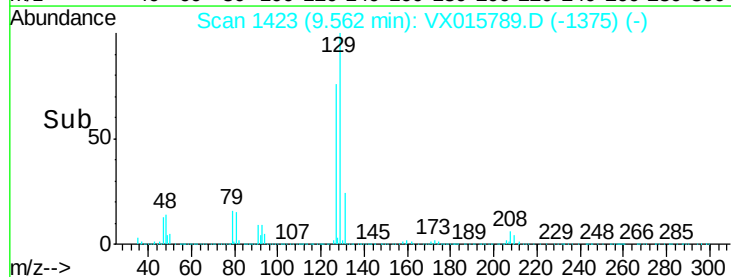
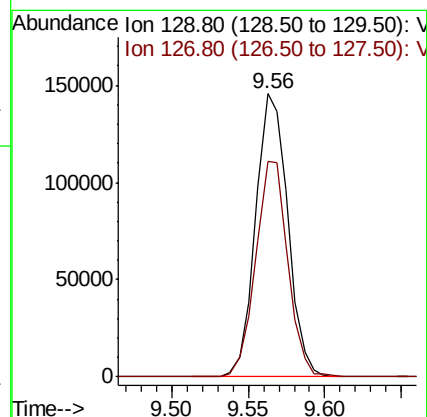
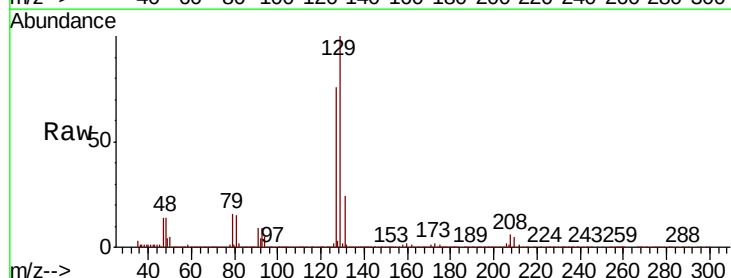
Acq: 21 Apr 2020 13:15

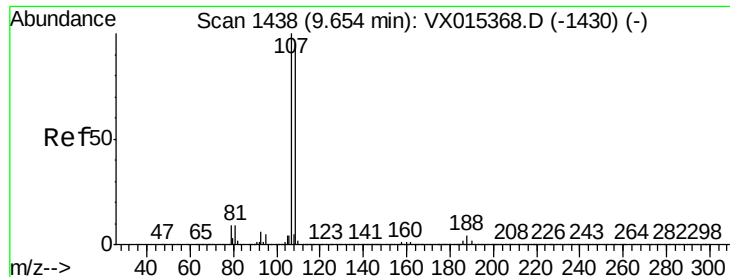
Tgt Ion: 129 Resp: 213007

Ion Ratio Lower Upper

129 100

127 76.5 38.2 114.6





#61

1,2-Dibromoethane

Concen: 19.045 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Instrument :

MSVOA_X

ClientSampleId :

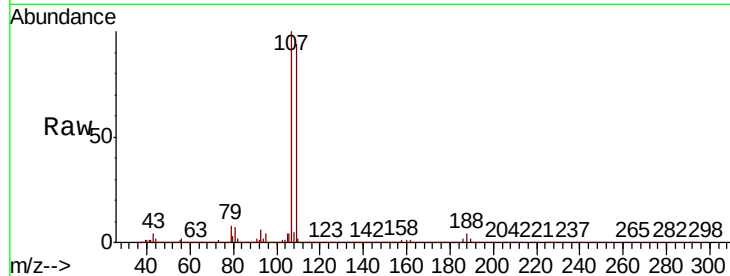
VX0421WBSD01

Tot Ion: 107 Resp: 201055

Ion Ratio Lower Upper

107 100

109 95.0 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

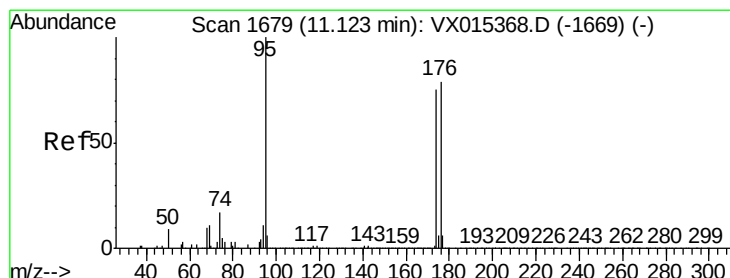
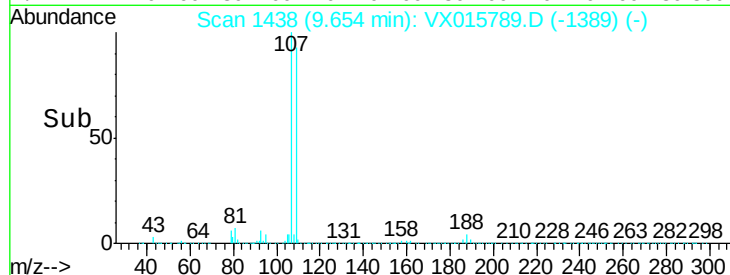
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 53.018 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

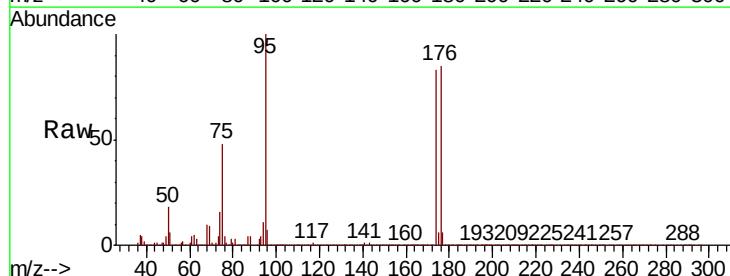
Tgt Ion: 95 Resp: 722158

Ion Ratio Lower Upper

95 100

174 86.2 0.0 158.6

176 83.4 0.0 159.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

800000

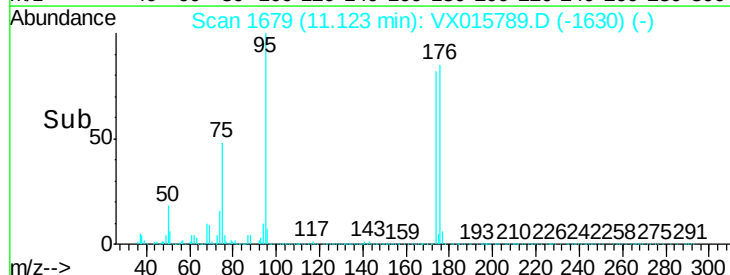
600000

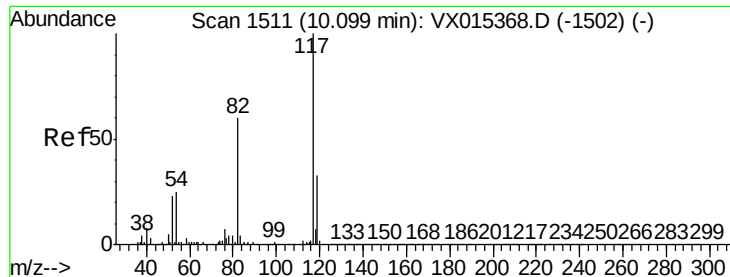
400000

200000

0

Time-->

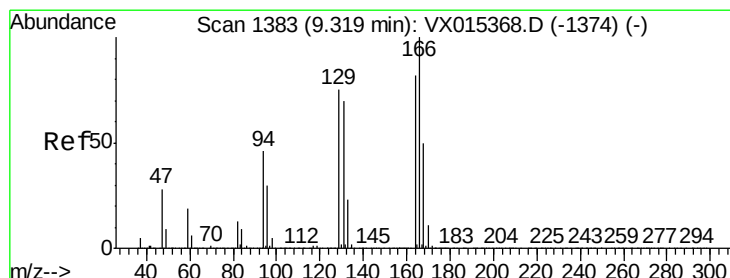
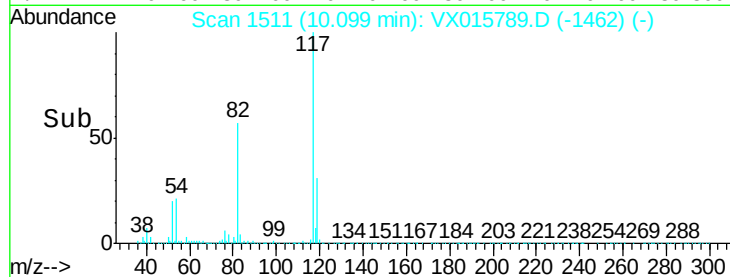
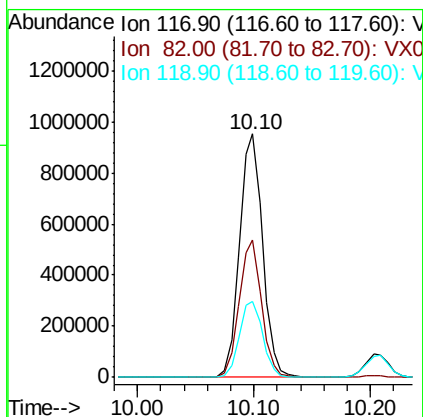
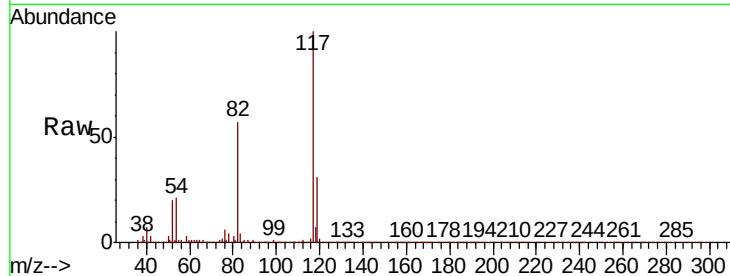




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

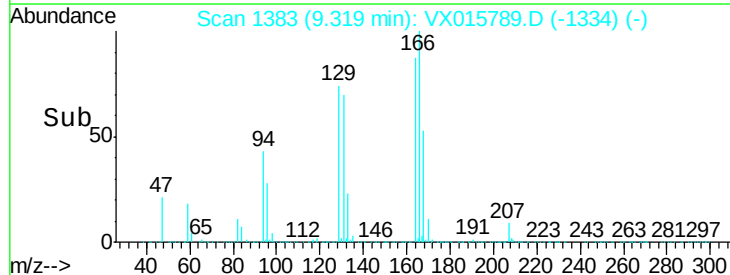
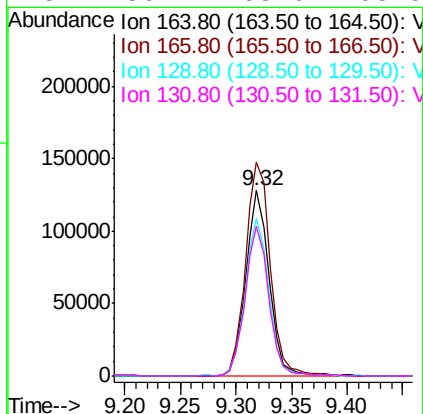
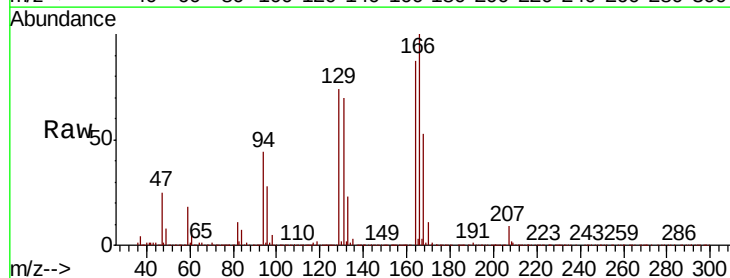
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD01

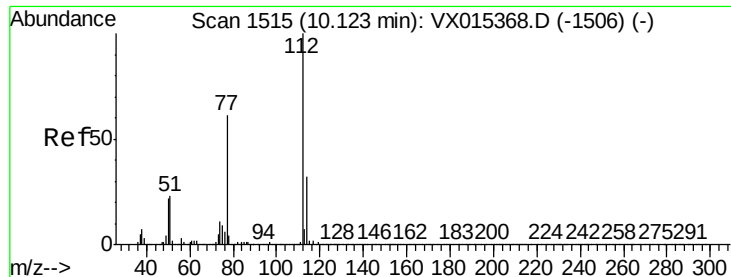
Tot Ion:117 Resp: 1313940
Ion Ratio Lower Upper
117 100
82 56.5 47.8 71.8
119 31.4 26.8 40.2



#64
Tetrachloroethene
Concen: 18.808 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

Tgt Ion:164 Resp: 186499
Ion Ratio Lower Upper
164 100
166 115.0 97.8 146.6
129 84.4 73.0 109.4
131 80.2 68.6 103.0





#65

Chlorobenzene

Concen: 19.098 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Instrument :

MSVOA_X

ClientSampleId :

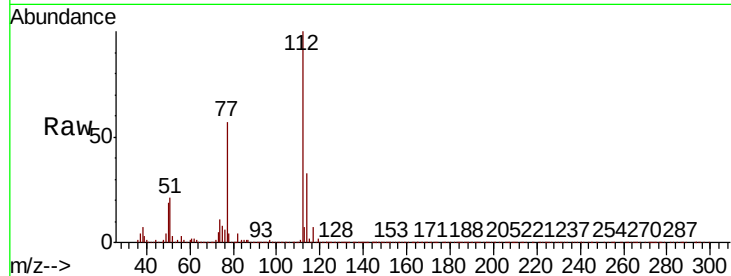
VX0421WBSD01

Tot Ion:112 Resp: 500430

Ion Ratio Lower Upper

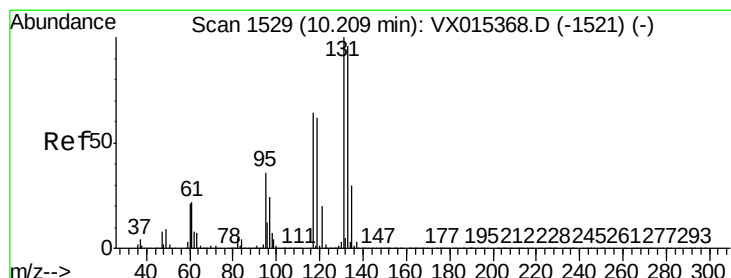
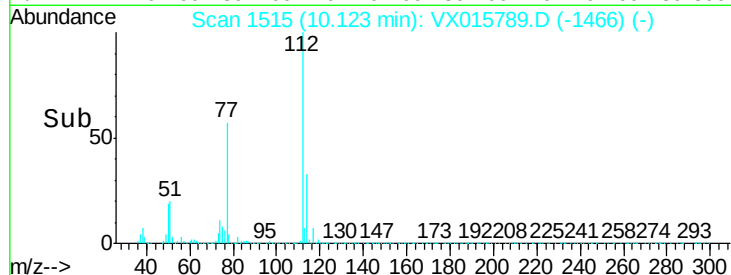
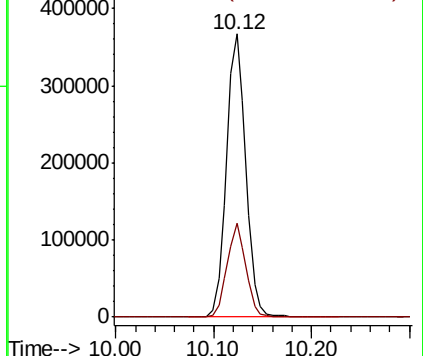
112 100

114 33.0 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: 18.159 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. 0.00 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

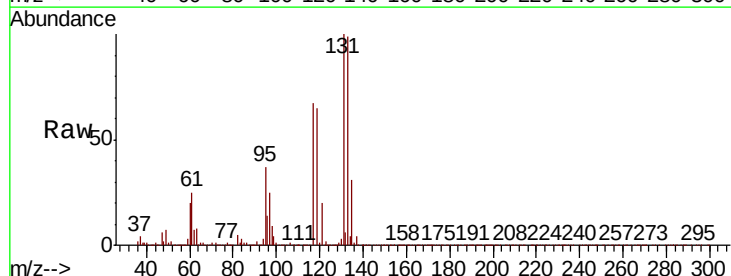
Tgt Ion:131 Resp: 190100

Ion Ratio Lower Upper

131 100

133 95.8 47.6 142.9

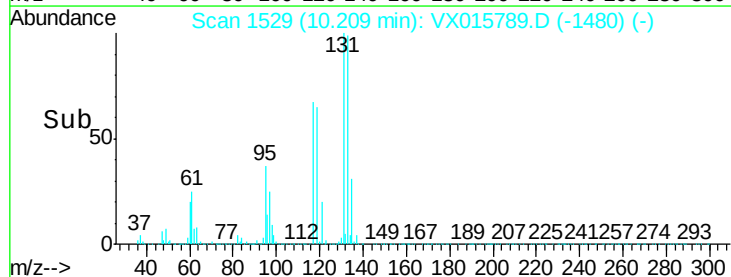
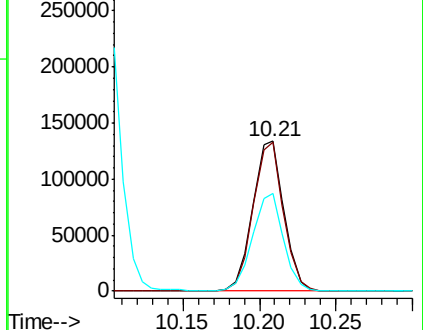
119 64.0 31.1 93.3

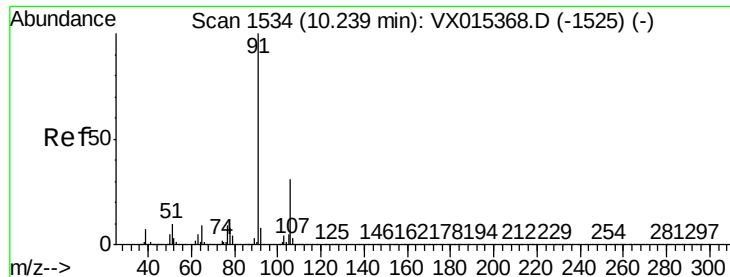


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.967 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Instrument :

MSVOA_X

ClientSampleId :

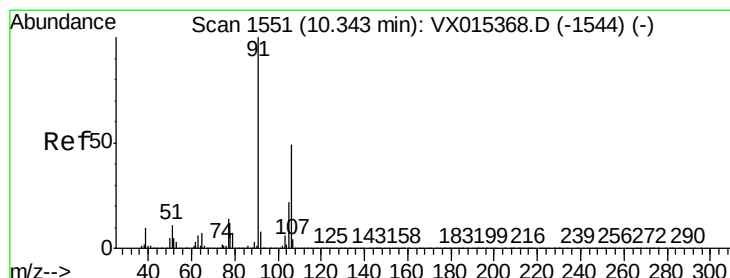
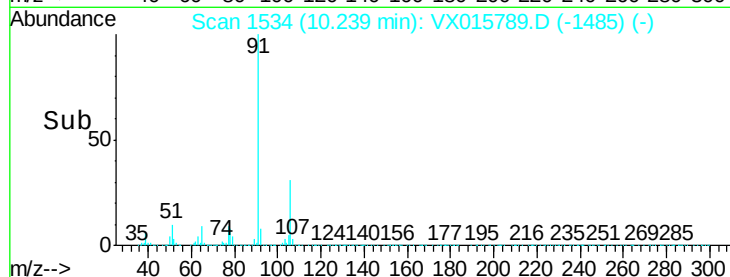
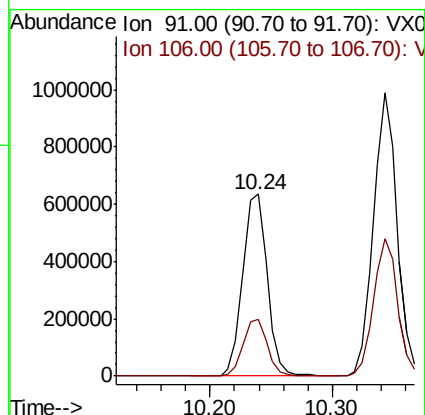
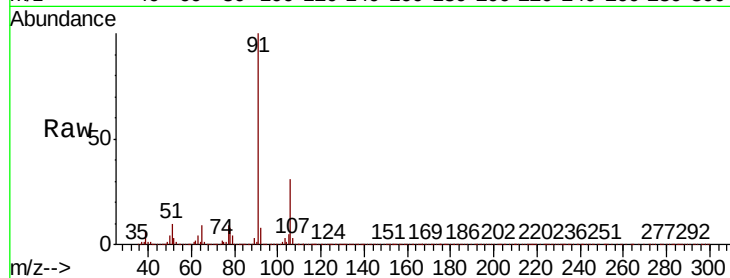
VX0421WBSD01

Tot Ion: 91 Resp: 881487

Ion Ratio Lower Upper

91 100

106 31.4 24.8 37.2



#68

m/p-Xylenes

Concen: 37.972 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015789.D

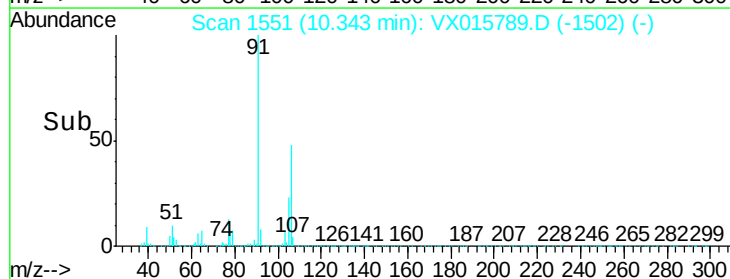
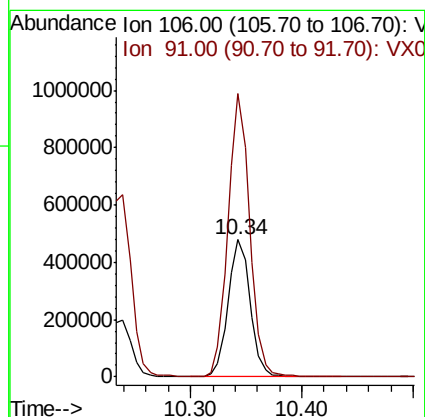
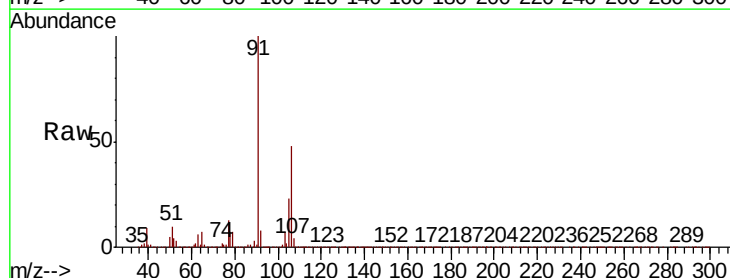
Acq: 21 Apr 2020 13:15

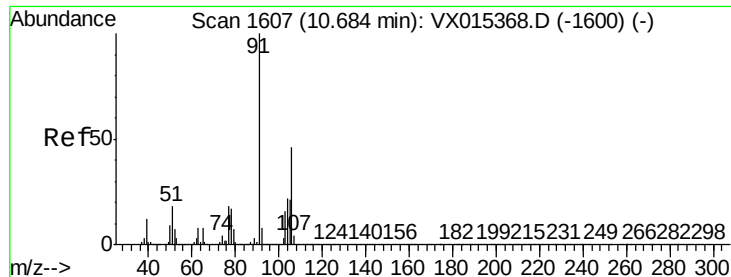
Tgt Ion:106 Resp: 657142

Ion Ratio Lower Upper

106 100

91 202.6 163.4 245.0

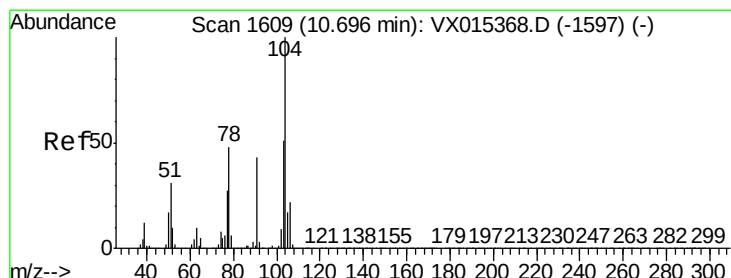
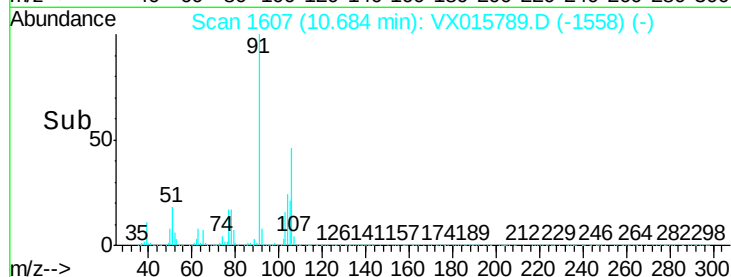
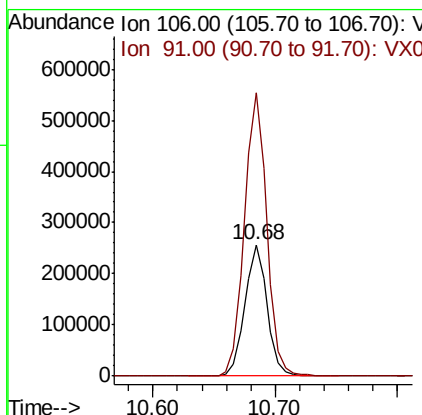
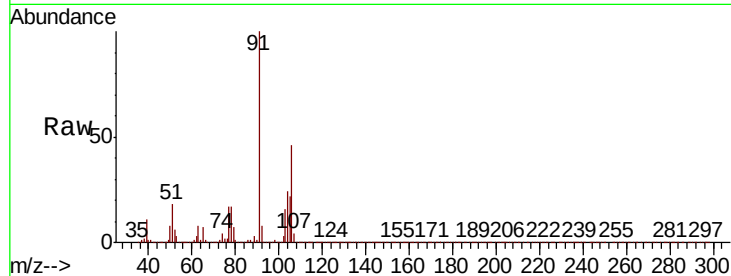




#69
o-Xylene
Concen: 18.863 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

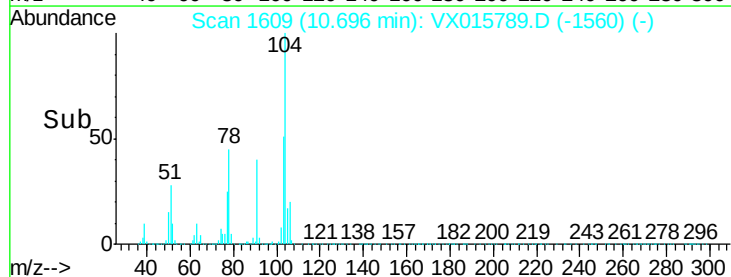
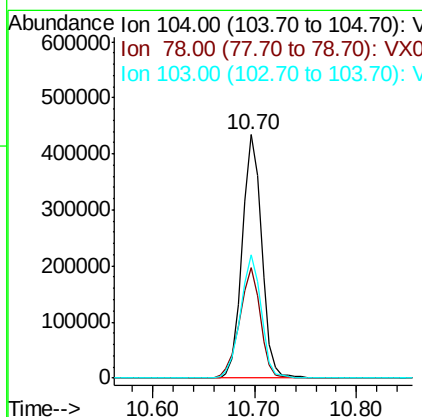
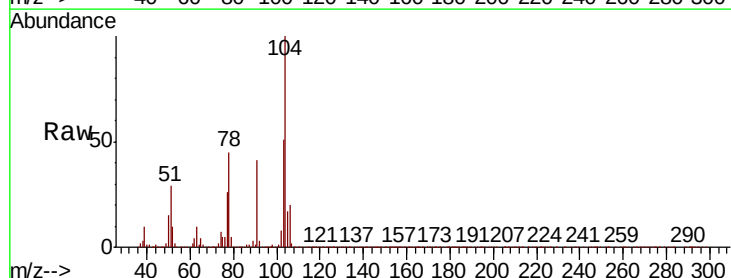
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD01

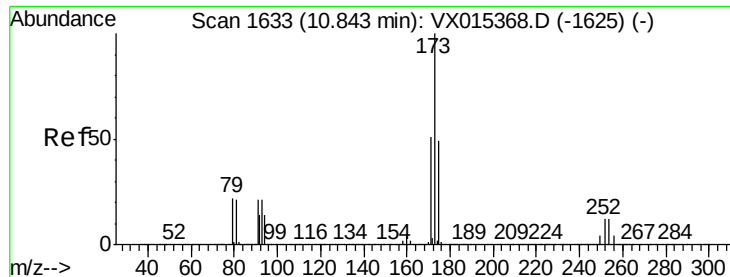
Tot Ion:106 Resp: 322569
Ion Ratio Lower Upper
106 100
91 216.7 107.1 321.3



#70
Styrene
Concen: 18.964 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

Tgt Ion:104 Resp: 570682
Ion Ratio Lower Upper
104 100
78 48.7 42.0 63.0
103 53.7 43.4 65.0

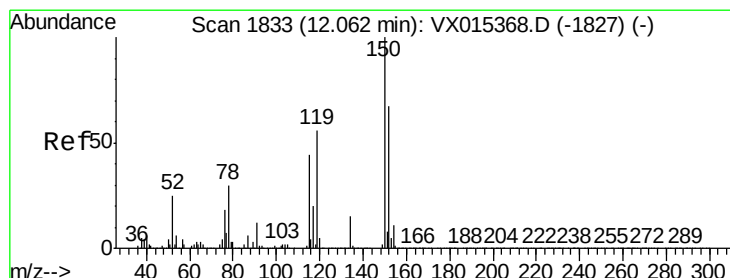
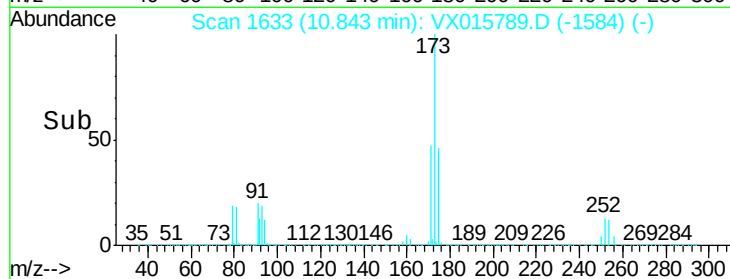
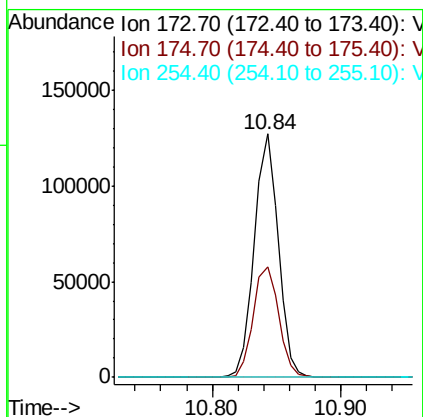
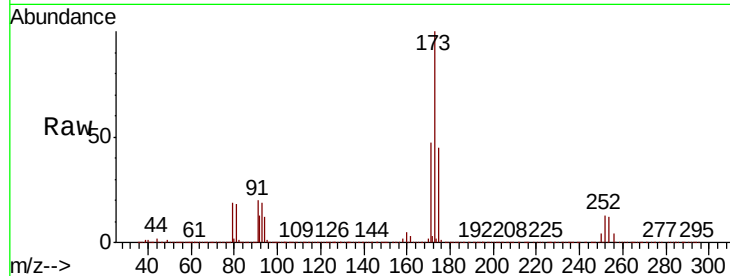




#71
Bromoform
Concen: 17.007 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

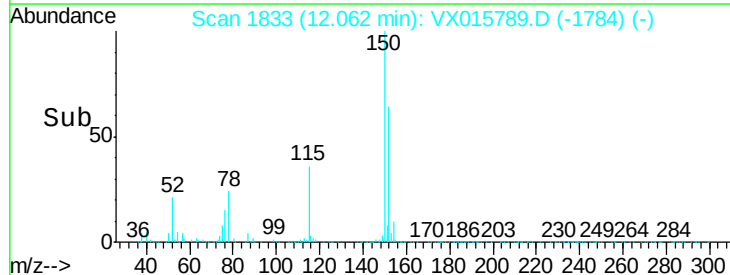
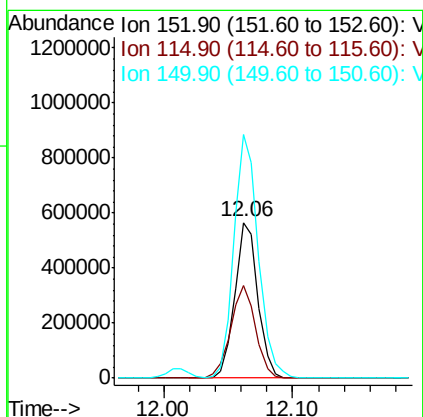
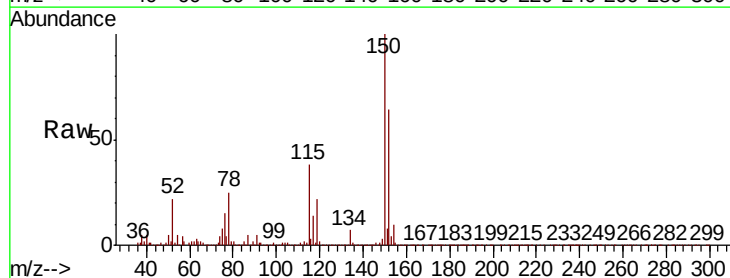
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD01

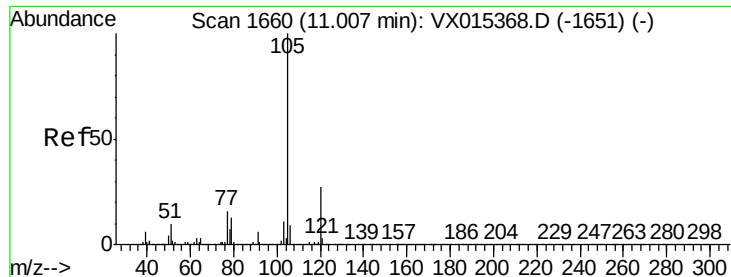
Tot Ion:173 Resp: 162073
Ion Ratio Lower Upper
173 100
175 48.3 23.9 71.7
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

Tgt Ion:152 Resp: 703593
Ion Ratio Lower Upper
152 100
115 64.2 39.0 116.9
150 165.3 0.0 340.8





#73

Isopropylbenzene

Concen: 18.895 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Instrument :

MSVOA_X

ClientSampleId :

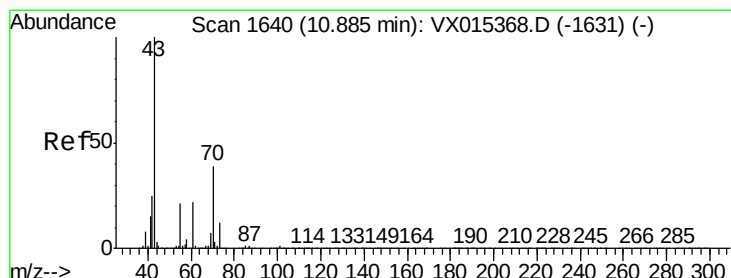
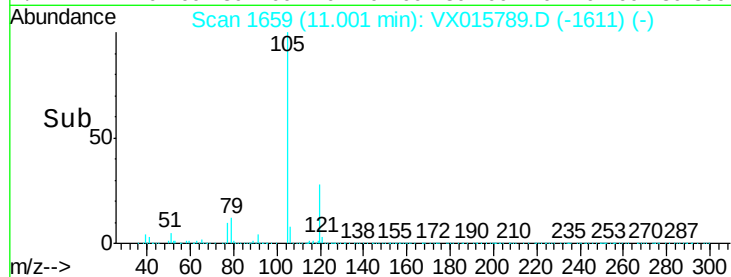
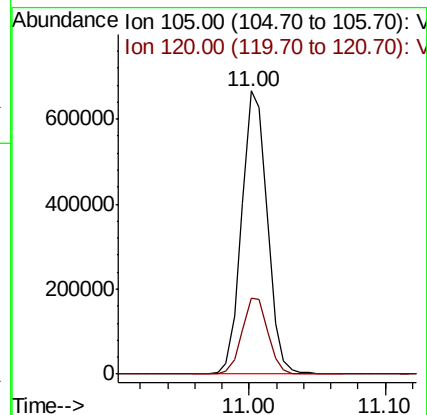
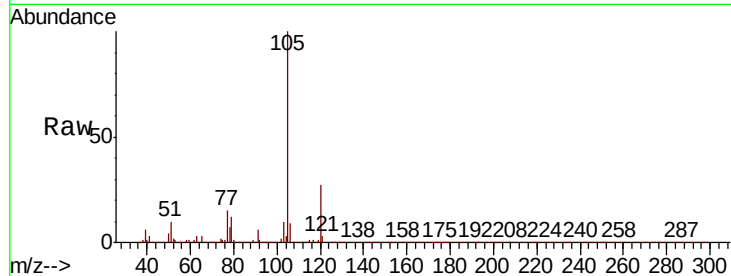
VX0421WBSD01

Tot Ion:105 Resp: 871068

Ion Ratio Lower Upper

105 100

120 27.3 13.2 39.5



#74

N-ethyl acetate

Concen: 16.528 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Tgt Ion: 43 Resp: 423786

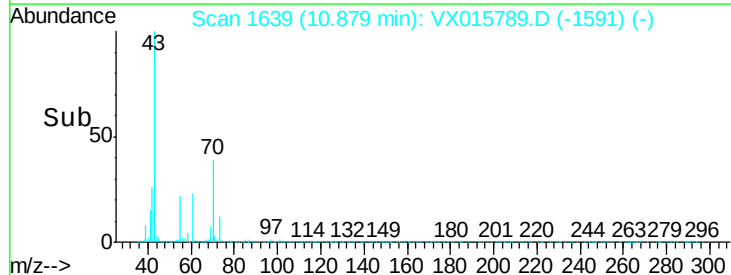
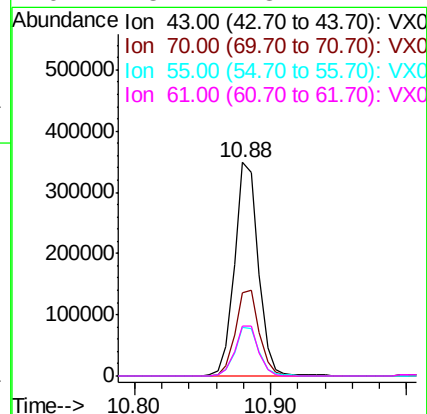
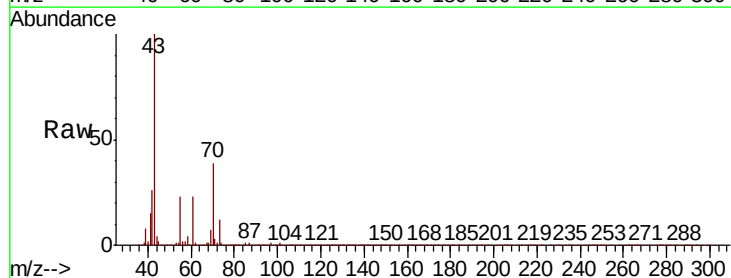
Ion Ratio Lower Upper

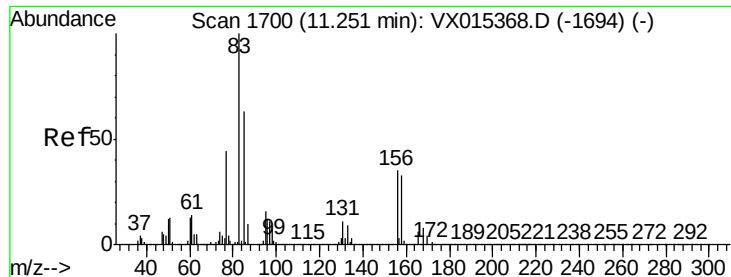
43 100

70 40.4 30.2 45.4

55 22.6 16.8 25.2

61 23.1 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.219 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBSD01

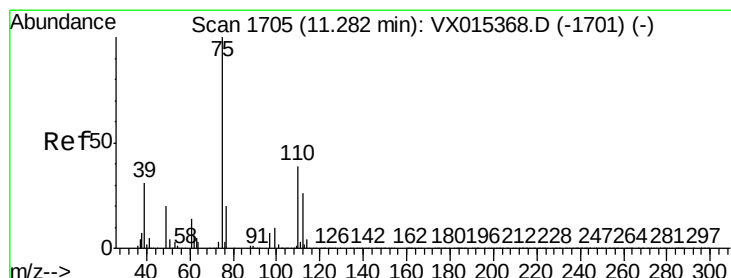
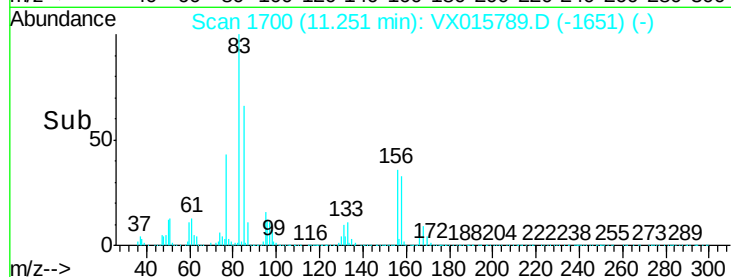
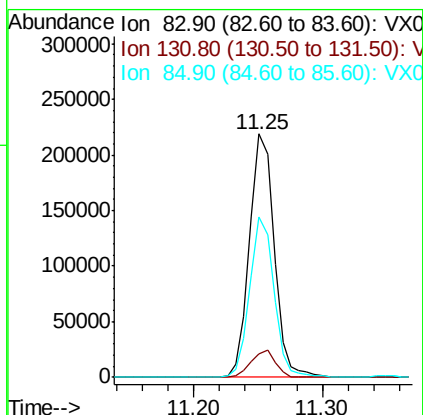
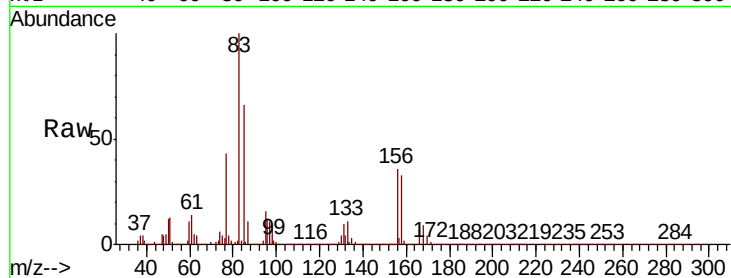
Tot Ion: 83 Resp: 288208

Ion Ratio Lower Upper

83 100

131 11.1 5.3 16.1

85 65.1 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 22.161 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015789.D

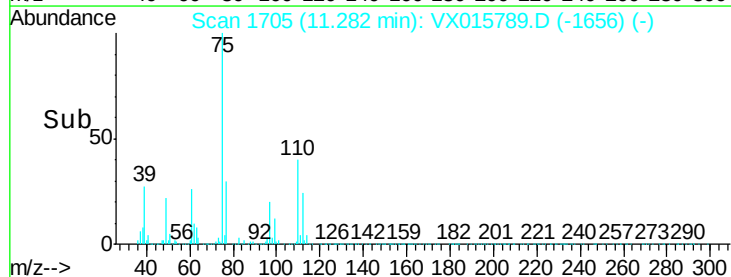
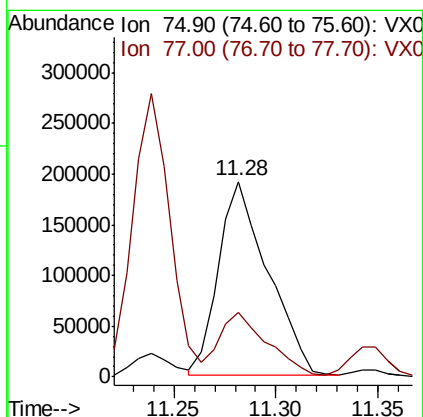
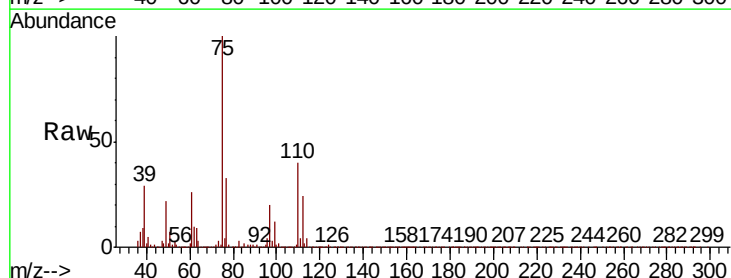
Acq: 21 Apr 2020 13:15

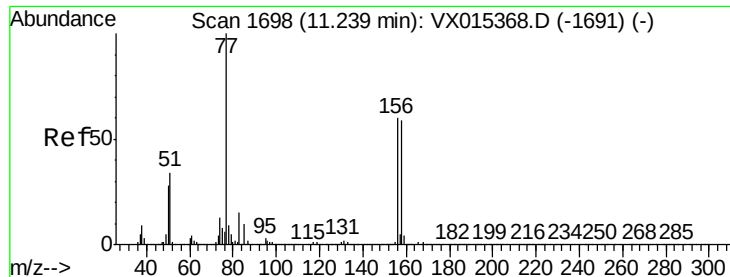
Tgt Ion: 75 Resp: 320648

Ion Ratio Lower Upper

75 100

77 32.4 21.2 63.6





#77

Bromobenzene

Concen: 19.319 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Instrument :

MSVOA_X

ClientSampled :

VX0421WBSD01

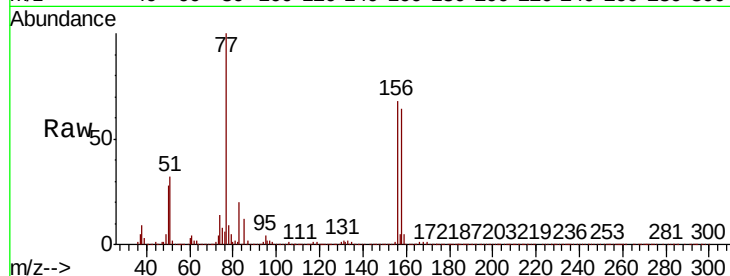
Tot Ion:156 Resp: 237558

Ion Ratio Lower Upper

156 100

77 150.0 82.2 246.5

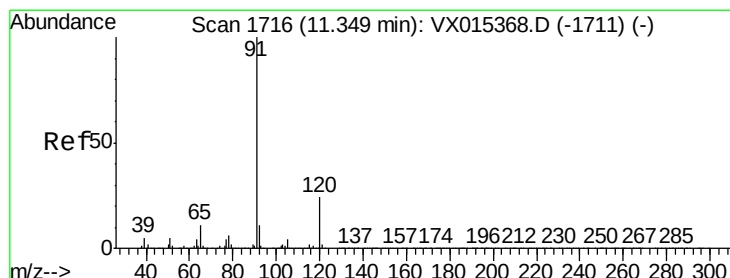
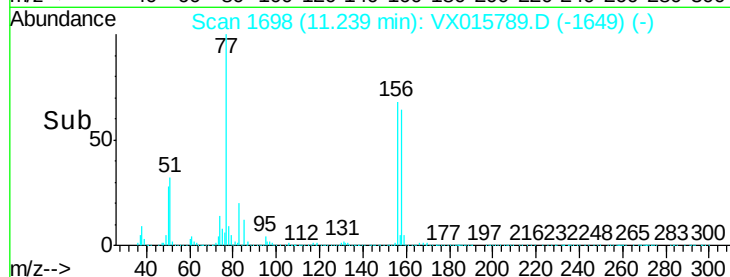
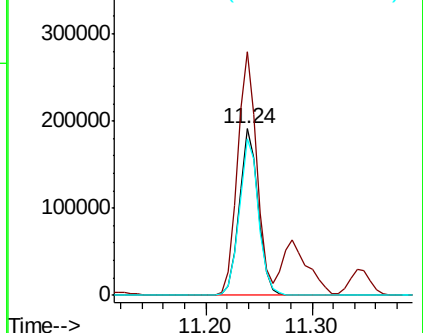
158 95.8 49.3 147.9



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: 18.697 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.01 min

Lab File: VX015789.D

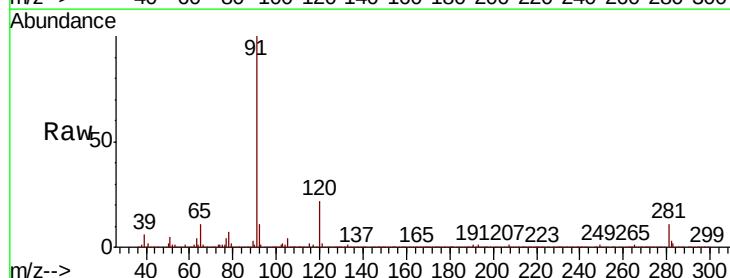
Acq: 21 Apr 2020 13:15

Tgt Ion: 91 Resp: 985589

Ion Ratio Lower Upper

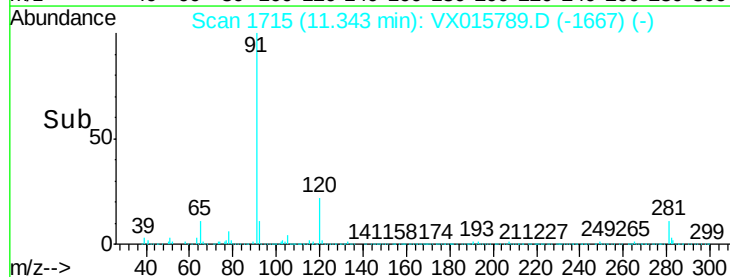
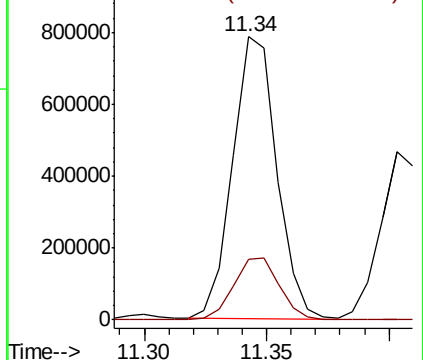
91 100

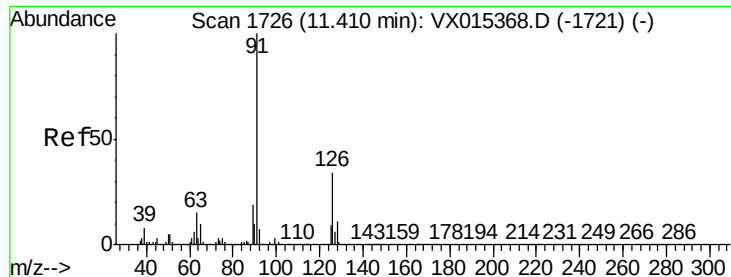
120 23.1 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.461 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Instrument :

MSVOA_X

ClientSampleId :

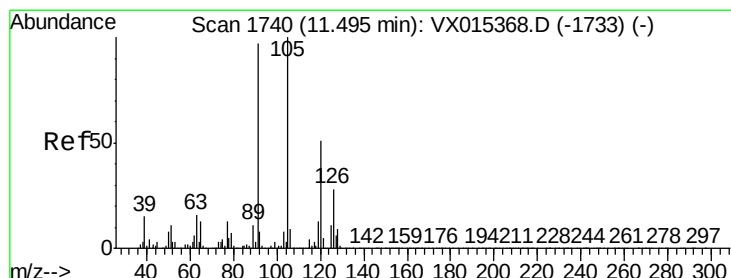
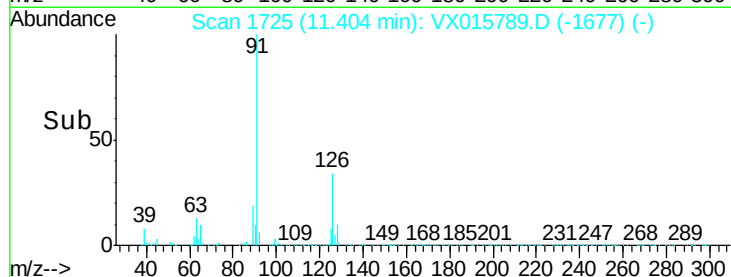
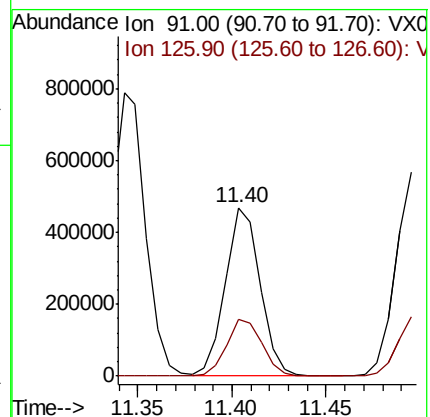
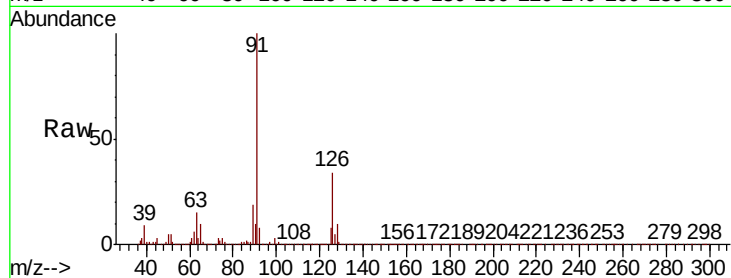
VX0421WBSD01

Tot Ion: 91 Resp: 596474

Ion Ratio Lower Upper

91 100

126 34.6 16.5 49.5



#80

1,3,5-Trimethylbenzene

Concen: 18.901 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015789.D

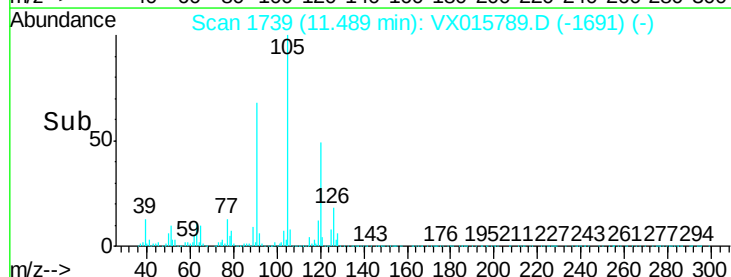
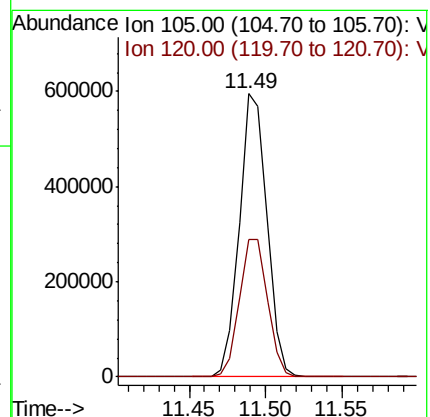
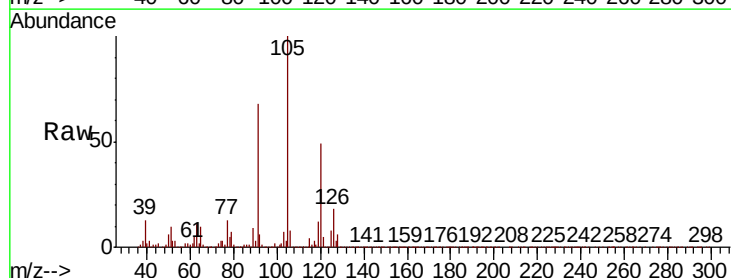
Acq: 21 Apr 2020 13:15

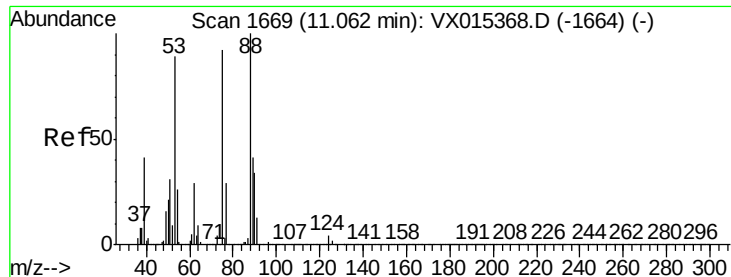
Tgt Ion: 105 Resp: 744180

Ion Ratio Lower Upper

105 100

120 49.8 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 14.648 ug/l

RT: 11.06 min Scan# 1668

Delta R.T. -0.01 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Instrument :

MSVOA_X

ClientSampled :

VX0421WBSD01

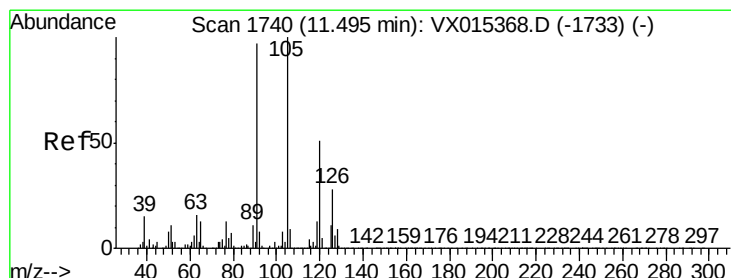
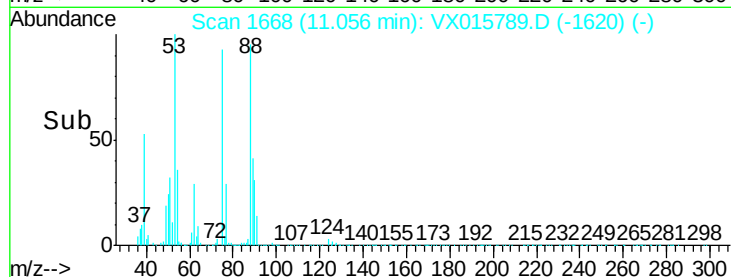
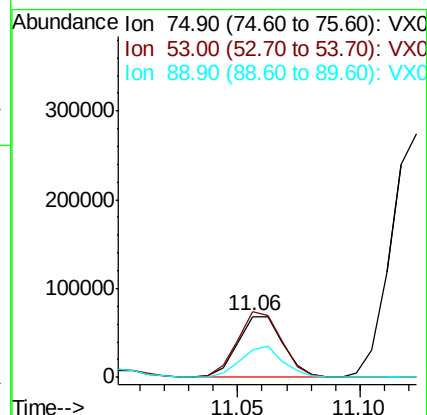
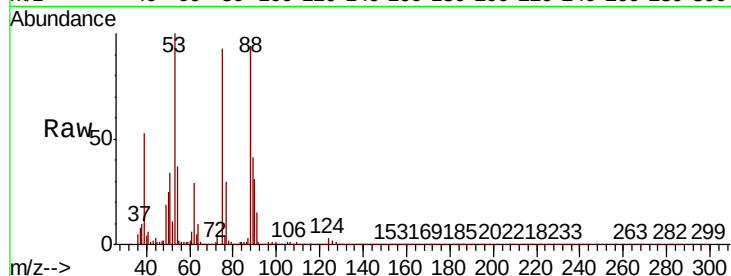
Tot Ion: 75 Resp: 88330

Ion Ratio Lower Upper

75 100

53 106.2 80.1 120.1

89 48.0 36.1 54.1



#82

4-Chlorotoluene

Concen: 18.724 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015789.D

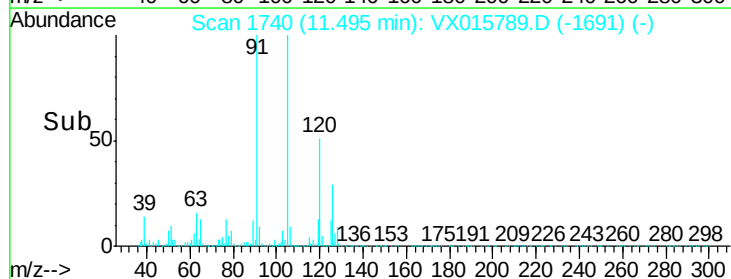
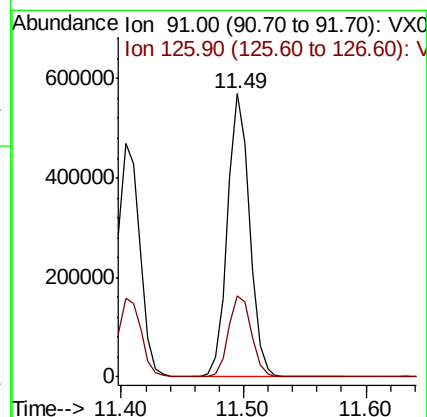
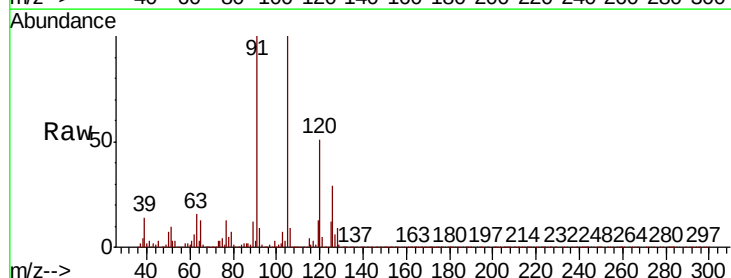
Acq: 21 Apr 2020 13:15

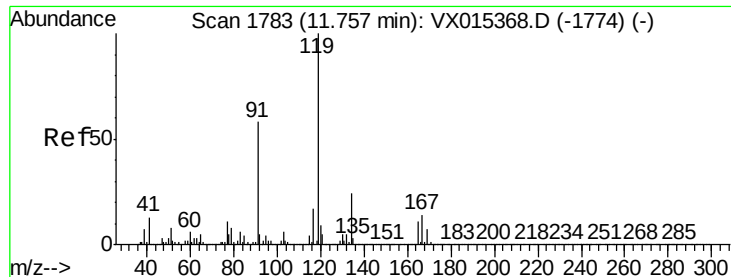
Tgt Ion: 91 Resp: 709220

Ion Ratio Lower Upper

91 100

126 29.7 14.7 44.1

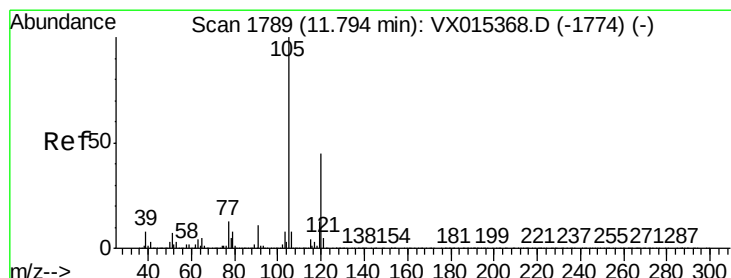
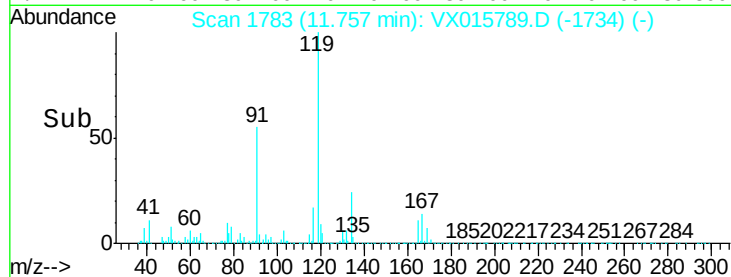
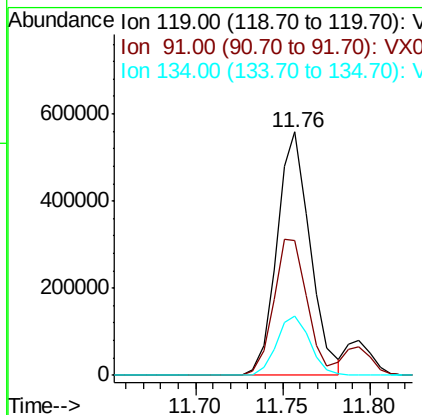
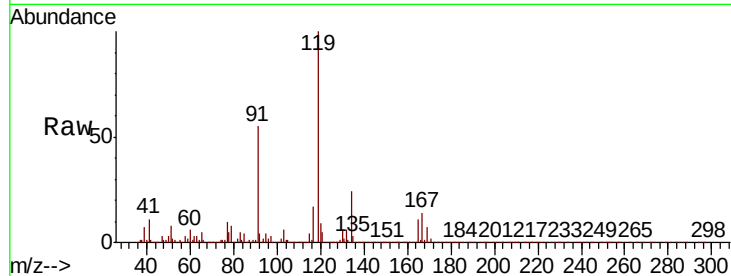




#83
 tert-Butylbenzene
 Concen: 19.216 ug/l
 RT: 11.76 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX015789.D
 Acq: 21 Apr 2020 13:15

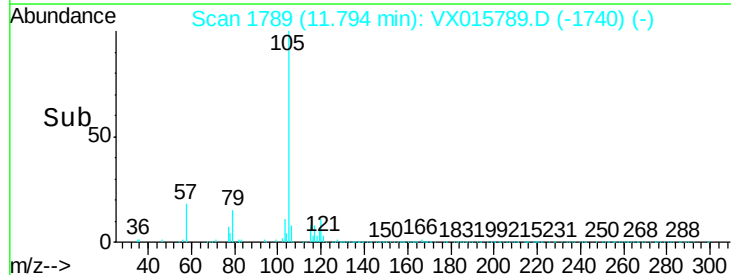
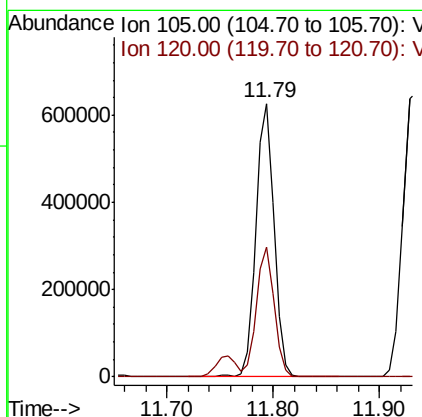
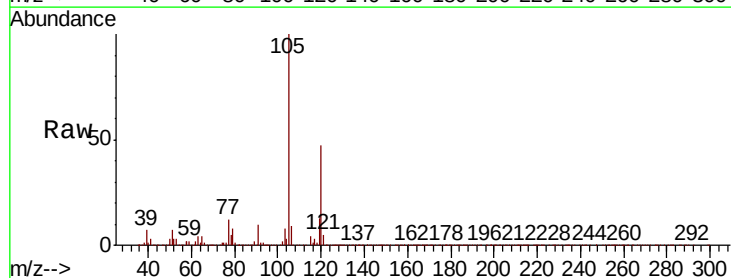
Instrument :
 MSVOA_X
 ClientSampled :
 VX0421WBSD01

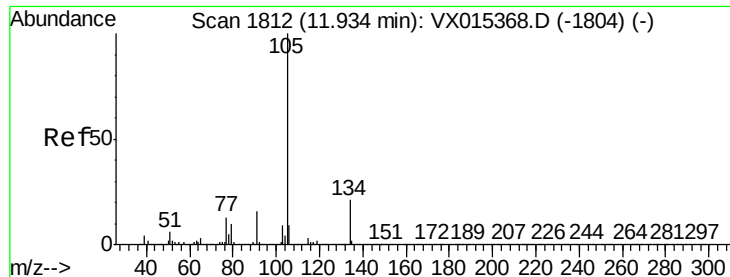
Tot Ion:119 Resp: 738994
 Ion Ratio Lower Upper
 119 100
 91 56.1 28.6 85.8
 134 24.4 11.8 35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 18.717 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX015789.D
 Acq: 21 Apr 2020 13:15

Tgt Ion:105 Resp: 750932
 Ion Ratio Lower Upper
 105 100
 120 46.4 22.7 68.1





#85

sec-Butylbenzene

Concen: 19.035 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Instrument :

MSVOA_X

ClientSampleId :

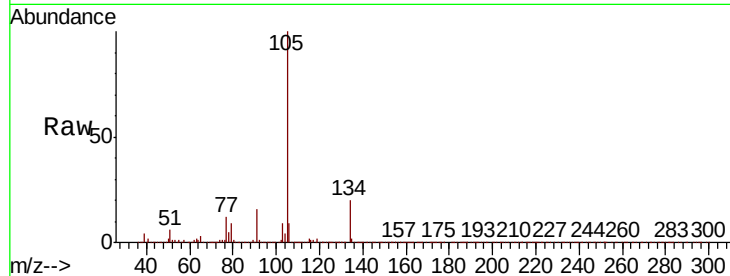
VX0421WBSD01

Tot Ion:105 Resp: 846610

Ion Ratio Lower Upper

105 100

134 19.9 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

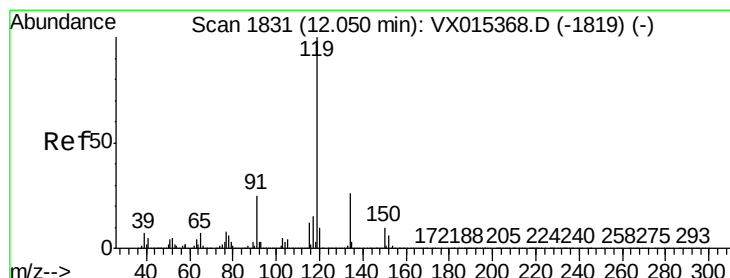
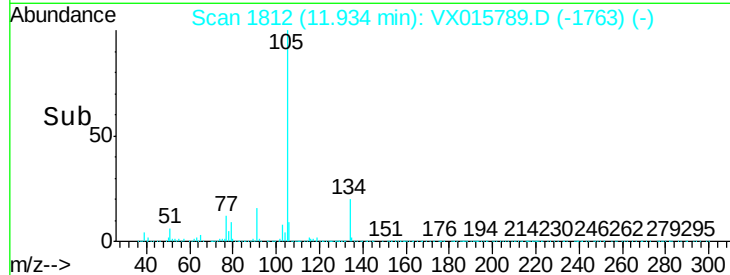
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.460 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

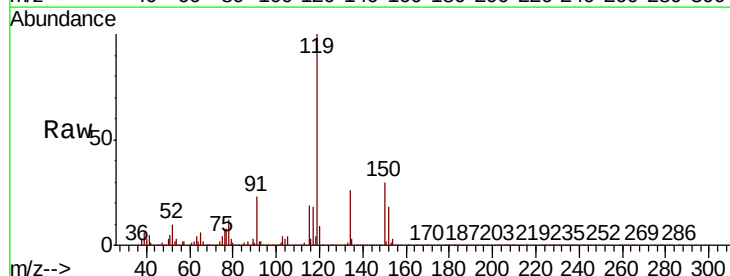
Tgt Ion:119 Resp: 803507

Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

91 23.3 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): V

12.05

800000

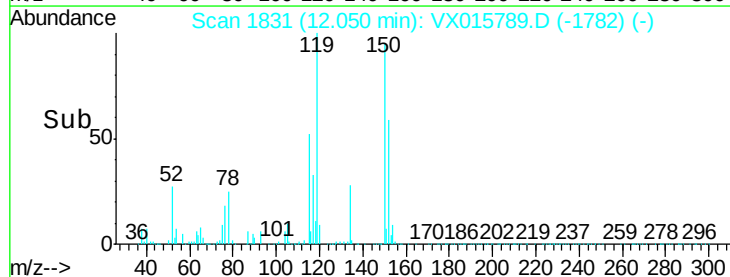
600000

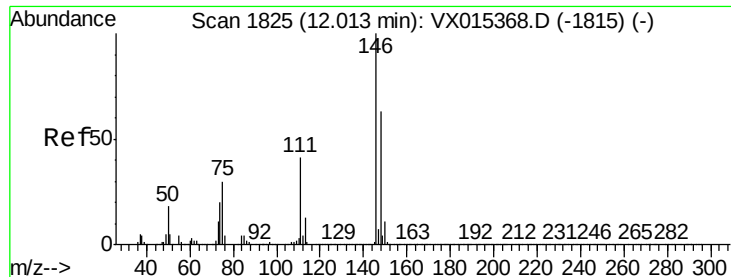
400000

200000

0

Time-->

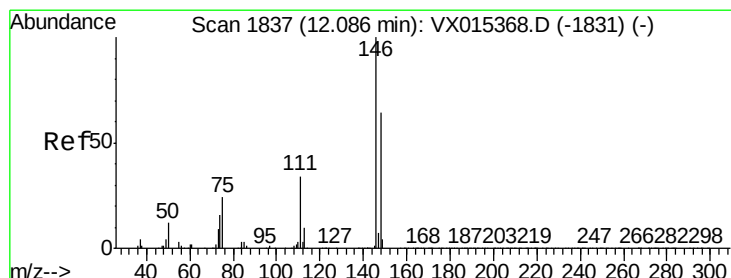
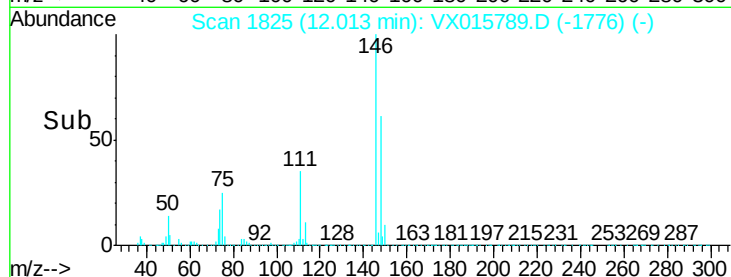
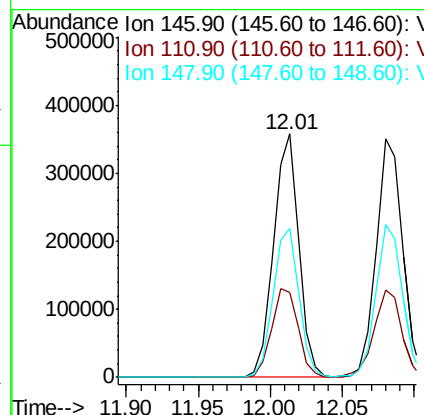
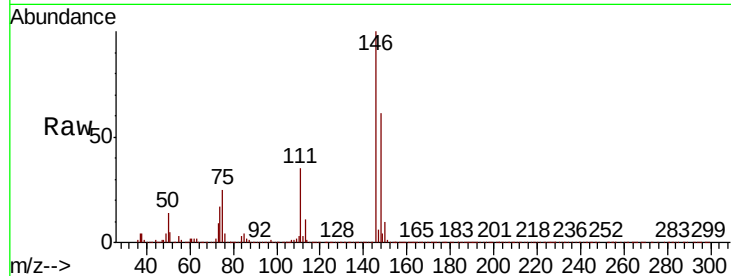




#87
 1,3-Dichlorobenzene
 Concen: 19.670 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015789.D
 Acq: 21 Apr 2020 13:15

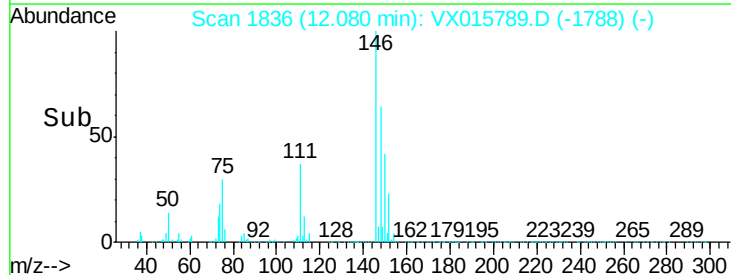
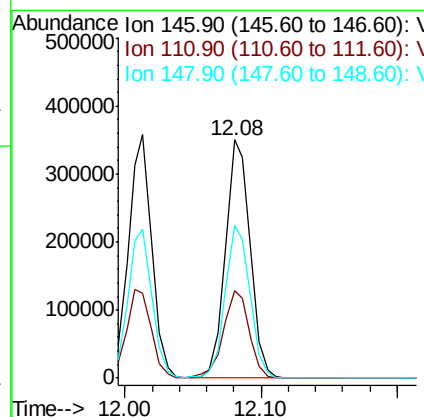
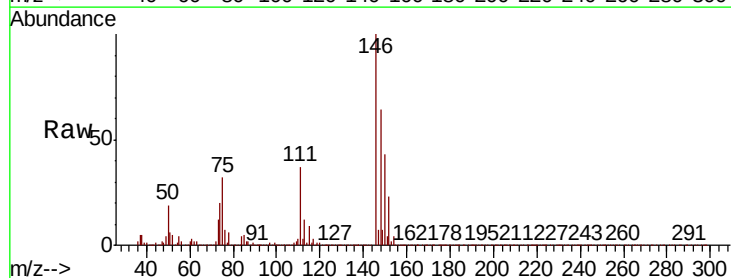
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBSD01

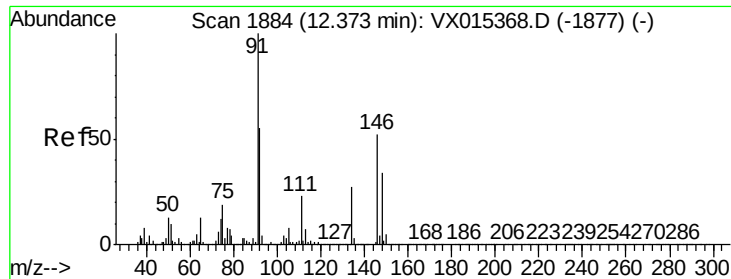
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	20.3	60.9
148	62.7	31.3	93.9



#88
 1,4-Dichlorobenzene
 Concen: 19.529 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015789.D
 Acq: 21 Apr 2020 13:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.1	57.5
148	64.2	32.4	97.2

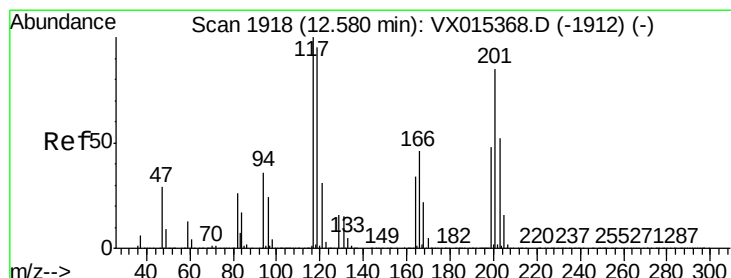
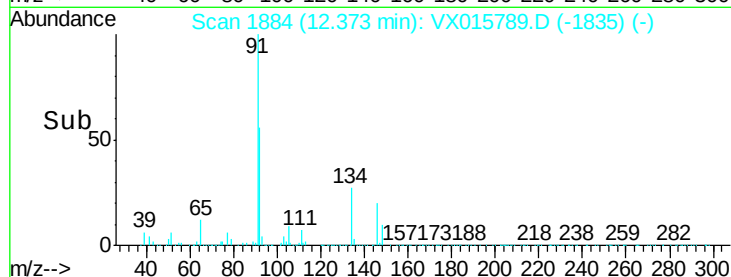
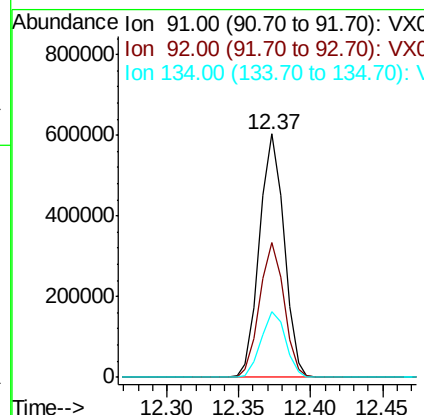
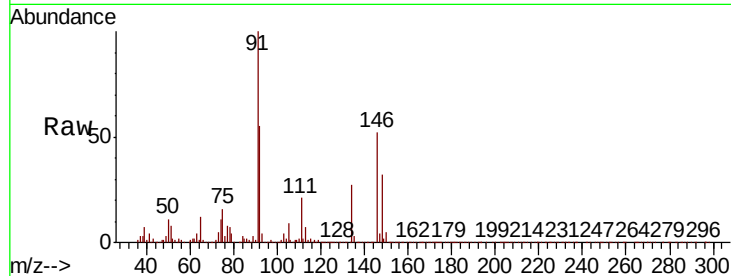




#89
n-Butylbenzene
Concen: 18.964 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

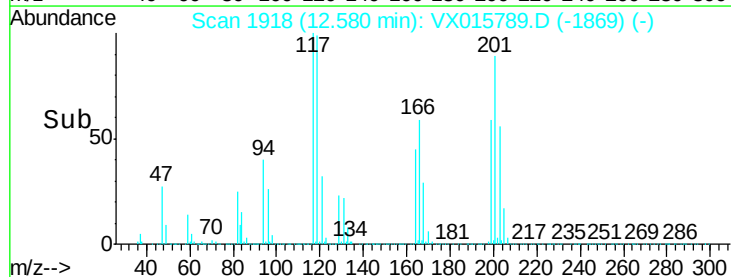
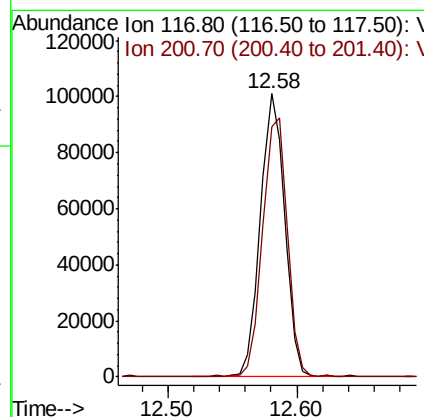
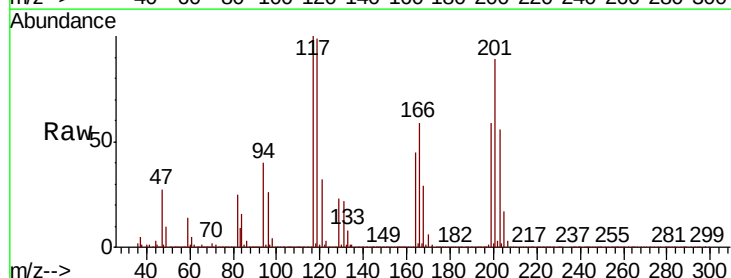
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD01

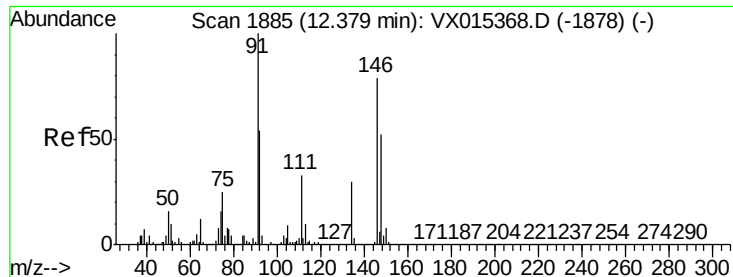
Tot Ion: 91 Resp: 707616
Ion Ratio Lower Upper
91 100
92 55.1 27.2 81.5
134 27.0 13.4 40.2



#90
Hexachloroethane
Concen: 16.348 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

Tgt Ion: 117 Resp: 131382
Ion Ratio Lower Upper
117 100
201 93.3 42.6 128.0





#91

1,2-Dichlorobenzene

Concen: 19.653 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBSD01

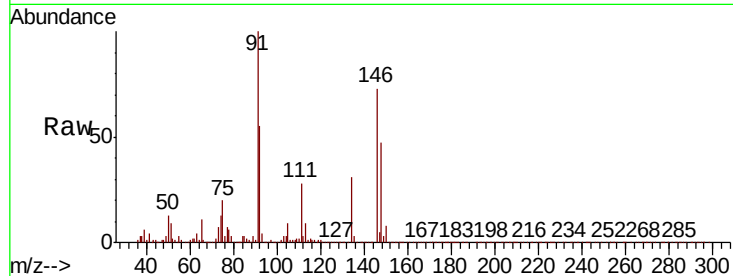
Tot Ion:146 Resp: 423389

Ion Ratio Lower Upper

146 100

111 39.5 21.0 63.0

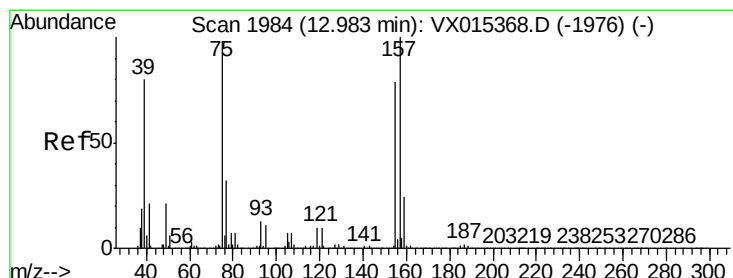
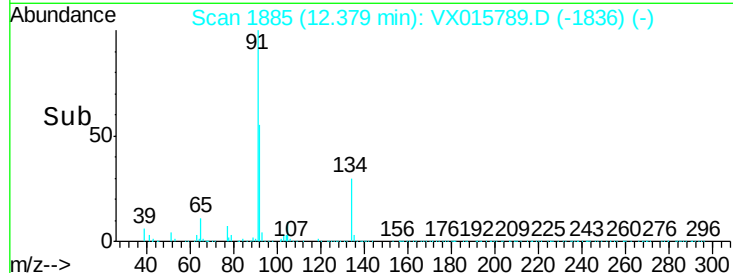
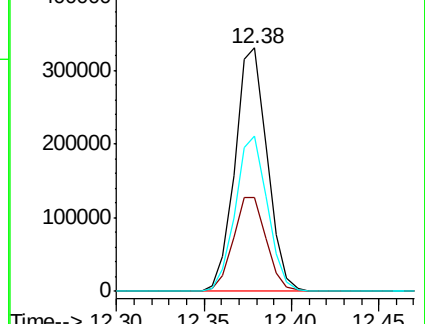
148 63.6 32.4 97.0



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: 14.578 ug/l

RT: 12.98 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

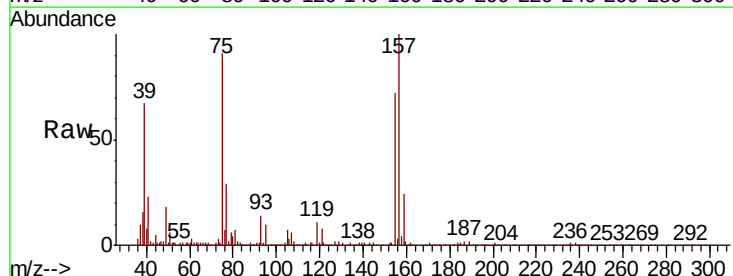
Tgt Ion: 75 Resp: 65089

Ion Ratio Lower Upper

75 100

155 89.3 42.8 128.4

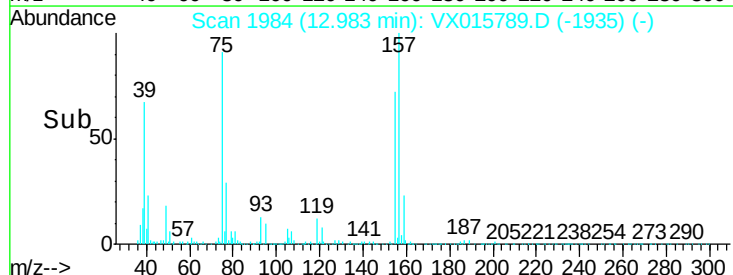
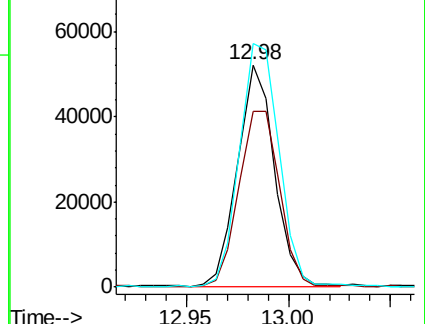
157 118.9 53.4 160.3

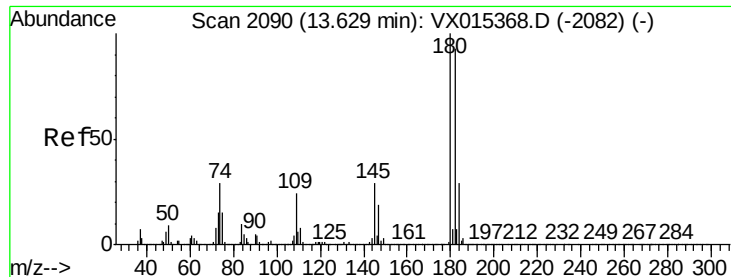


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

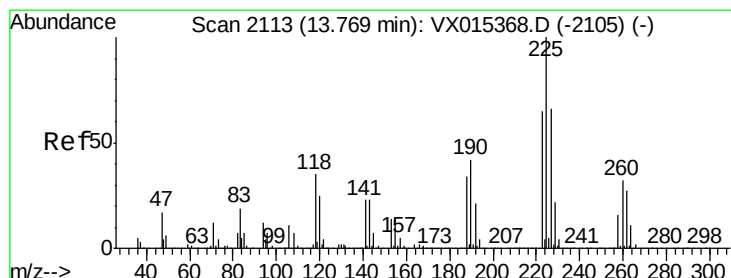
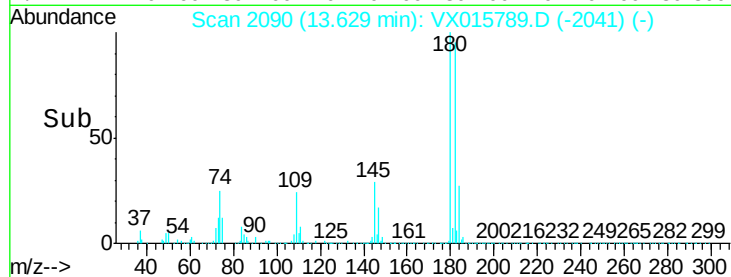
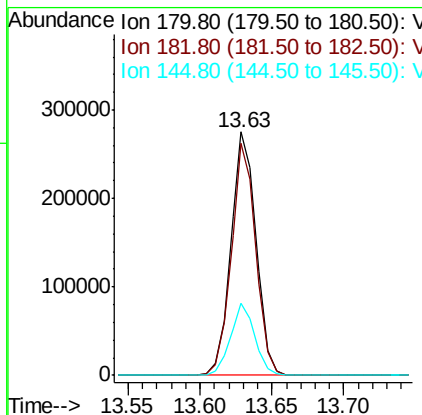
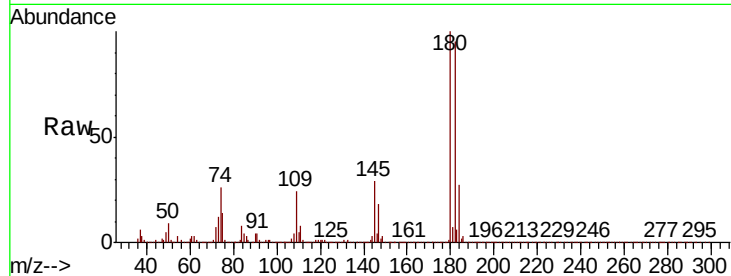




#93
 1,2,4-Trichlorobenzene
 Concen: 19.794 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015789.D
 Acq: 21 Apr 2020 13:15

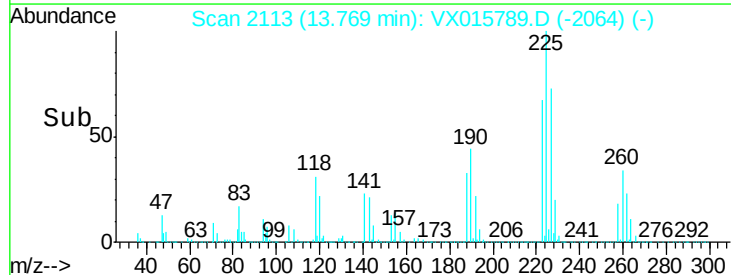
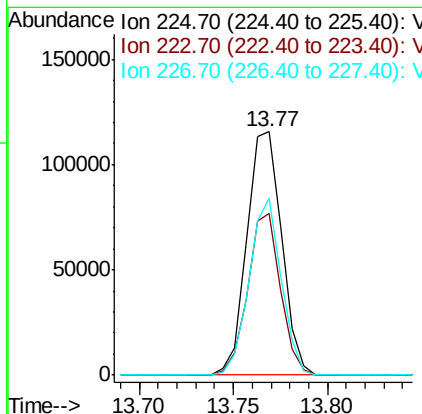
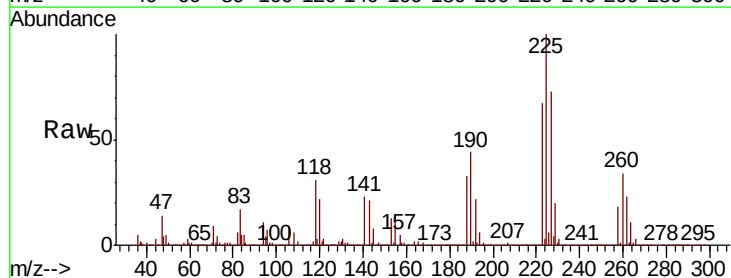
Instrument :
 MSVOA_X
 ClientSampled :
 VX0421WBSD01

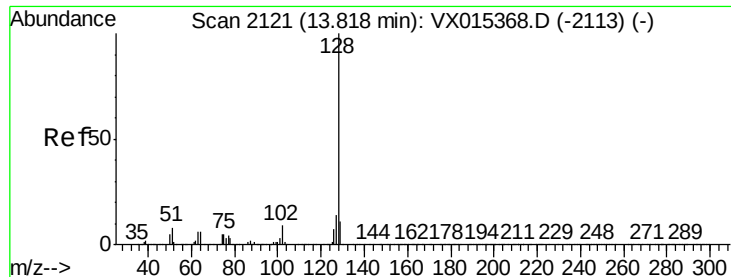
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.4	46.9	140.7
145	28.2	14.9	44.5



#94
 Hexachlorobutadiene
 Concen: 18.286 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015789.D
 Acq: 21 Apr 2020 13:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.9	95.7
227	67.0	30.4	91.3

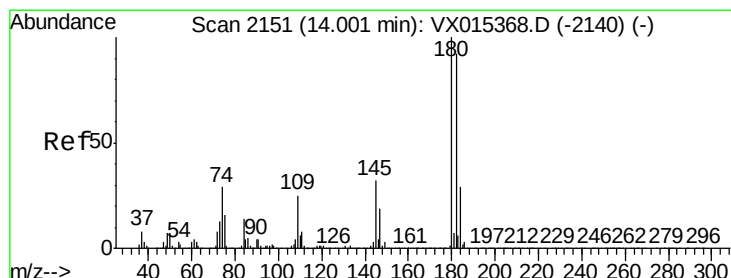
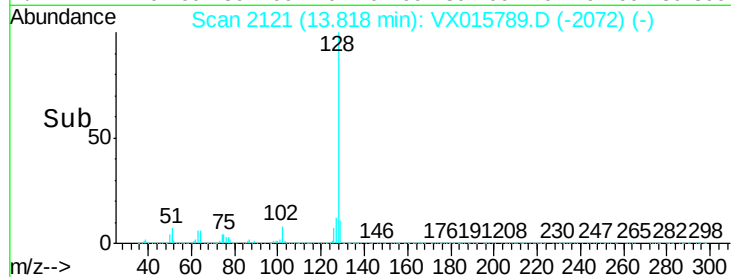
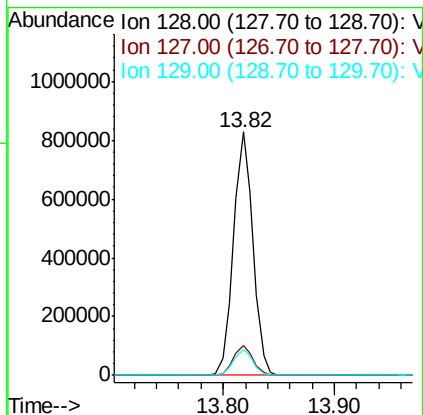
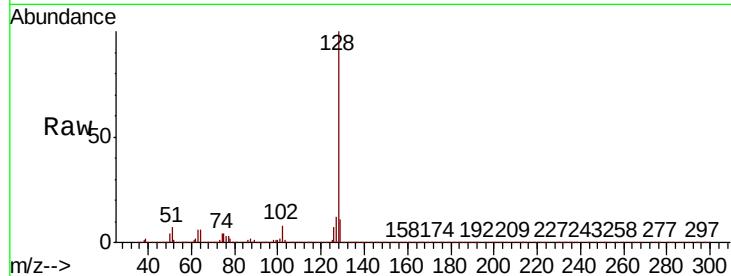




#95
Naphthalene
Concen: 19.159 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD01

Tot Ion:128 Resp: 995868
Ion Ratio Lower Upper
128 100
127 12.5 10.6 15.8
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.347 ug/l
RT: 14.00 min Scan# 2151
Delta R.T. 0.00 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

Tgt Ion:180 Resp: 333820
Ion Ratio Lower Upper
180 100
182 96.5 46.7 140.0
145 30.3 15.8 47.3

