

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042120\
 Data File : VX015813.D
 Acq On : 21 Apr 2020 23:26
 Operator : JC/SP
 Sample : VX0421WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBS02

Quant Time: Apr 22 04:23:40 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	5.64	168	905124	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1434525	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1317756	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	727898	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	556002	43.55	ug/l	0.00
Spiked Amount			Recovery	=	87.10%	
35) Dibromofluoromethane	5.48	113	443139	48.33	ug/l	0.00
Spiked Amount			Recovery	=	96.66%	
50) Toluene-d8	8.70	98	1699152	50.33	ug/l	0.00
Spiked Amount			Recovery	=	100.66%	
62) 4-Bromofluorobenzene	11.12	95	686570	50.04	ug/l	0.00
Spiked Amount			Recovery	=	100.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	105517	13.232	ug/l	96
3) Chloromethane	1.31	50	119369	11.754	ug/l	96
4) Vinyl Chloride	1.39	62	145423	15.595	ug/l	100
5) Bromomethane	1.64	94	63592	8.001	ug/l	90
6) Chloroethane	1.72	64	92597	16.011	ug/l	99
7) Trichlorofluoromethane	1.92	101	202689	16.208	ug/l	98
8) Diethyl Ether	2.17	74	85420	16.195	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	139390	17.098	ug/l	97
10) Methyl Iodide	2.50	142	165739	15.079	ug/l	95
11) Tert butyl alcohol	3.01	59	204587	66.956	ug/l	100
12) 1,1-Dichloroethene	2.36	96	136993	16.031	ug/l	93
13) Acrolein	2.28	56	174216	100.091	ug/l	100
14) Allyl chloride	2.71	41	304589	15.255	ug/l	96
15) Acrylonitrile	3.12	53	497522	85.380	ug/l	99
16) Acetone	2.42	43	464709	84.732	ug/l	96
17) Carbon Disulfide	2.56	76	375338	14.398	ug/l	98
18) Methyl Acetate	2.75	43	270622	19.333	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	563800	17.012	ug/l	98
20) Methylene Chloride	2.84	84	166082	16.212	ug/l	93
21) trans-1,2-Dichloroethene	3.15	96	154740	16.316	ug/l	94
22) Diisopropyl ether	3.83	45	607329	17.165	ug/l	88
23) Vinyl Acetate	3.79	43	2624681	81.934	ug/l	99
24) 1,1-Dichloroethane	3.67	63	303966	16.317	ug/l	99
25) 2-Butanone	4.64	43	699972	79.360	ug/l	99
26) 2,2-Dichloropropane	4.56	77	226719	14.827	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	186803	17.025	ug/l	96
28) Bromochloromethane	4.98	49	159281	17.908	ug/l	94
29) Tetrahydrofuran	5.09	42	457880	80.751	ug/l	97
30) Chloroform	5.18	83	305456	17.043	ug/l	97
31) Cyclohexane	5.56	56	259519	16.059	ug/l	96
32) 1,1,1-Trichloroethane	5.47	97	266448	16.427	ug/l	98
36) 1,1-Dichloropropene	5.78	75	220579	16.688	ug/l	98
37) Ethyl Acetate	4.80	43	283114	16.450	ug/l	99
38) Carbon Tetrachloride	5.76	117	213415	14.907	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042120\
 Data File : VX015813.D
 Acq On : 21 Apr 2020 23:26
 Operator : JC/SP
 Sample : VX0421WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBS02

Quant Time: Apr 22 04:23:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	252783	16.587	ug/l	95
40) Benzene	6.12	78	675097	17.436	ug/l	99
41) Methacrylonitrile	5.01	41	161038	16.856	ug/l	97
42) 1,2-Dichloroethane	6.17	62	251751	16.188	ug/l	96
43) Isopropyl Acetate	6.42	43	479468	16.503	ug/l	97
44) Trichloroethene	7.19	130	241447	22.866	ug/l	100
45) 1,2-Dichloropropane	7.50	63	188007	17.750	ug/l	99
46) Dibromomethane	7.64	93	123651	17.797	ug/l	96
47) Bromodichloromethane	7.88	83	246648	16.660	ug/l	98
48) Methyl methacrylate	7.75	41	236701	16.311	ug/l	95
49) 1,4-Dioxane	7.72	88	81200	299.951	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1451763	88.174	ug/l	99
52) Toluene	8.77	92	439277	18.402	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	283589	16.333	ug/l	95
54) cis-1,3-Dichloropropene	8.42	75	301061	17.022	ug/l	94
55) 1,1,2-Trichloroethane	9.20	97	182097	18.620	ug/l	91
56) Ethyl methacrylate	9.16	69	307848	17.861	ug/l	95
57) 1,3-Dichloropropane	9.35	76	310706	17.633	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	743938	88.738	ug/l	98
59) 2-Hexanone	9.48	43	1084160	87.218	ug/l	97
60) Dibromochloromethane	9.57	129	196047	16.682	ug/l	99
61) 1,2-Dibromoethane	9.65	107	191377	17.997	ug/l	98
64) Tetrachloroethene	9.32	164	327066	32.888	ug/l	99
65) Chlorobenzene	10.12	112	486759	18.522	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.21	131	188060	17.912	ug/l	100
67) Ethyl Benzene	10.24	91	840896	18.041	ug/l	100
68) m/p-Xylenes	10.34	106	636173	36.654	ug/l	98
69) o-Xylene	10.68	106	312426	18.217	ug/l	97
70) Styrene	10.70	104	544673	18.048	ug/l	98
71) Bromoform	10.84	173	147953	15.480	ug/l #	99
73) Isopropylbenzene	11.01	105	837912	17.569	ug/l	99
74) N-amyl acetate	10.88	43	439699	16.576	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	180782	11.047	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	320873	21.436	ug/l	86
77) Bromobenzene	11.24	156	219658	17.267	ug/l	96
78) n-propylbenzene	11.34	91	935141	17.147	ug/l	99
79) 2-Chlorotoluene	11.41	91	568548	17.009	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	713064	17.506	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	96947	15.540	ug/l	94
82) 4-Chlorotoluene	11.49	91	659597	16.832	ug/l	97
83) tert-Butylbenzene	11.76	119	631061	15.861	ug/l	93
84) 1,2,4-Trimethylbenzene	11.79	105	713832	17.198	ug/l	99
85) sec-Butylbenzene	11.93	105	809347	17.589	ug/l	100
86) p-Isopropyltoluene	12.05	119	776585	18.180	ug/l	97
87) 1,3-Dichlorobenzene	12.01	146	406170	17.835	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	407910	17.584	ug/l	100
89) n-Butylbenzene	12.37	91	655422	16.979	ug/l	99
90) Hexachloroethane	12.58	117	67947	8.172	ug/l	92
91) 1,2-Dichlorobenzene	12.38	146	398524	17.881	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	62740	13.583	ug/l	89

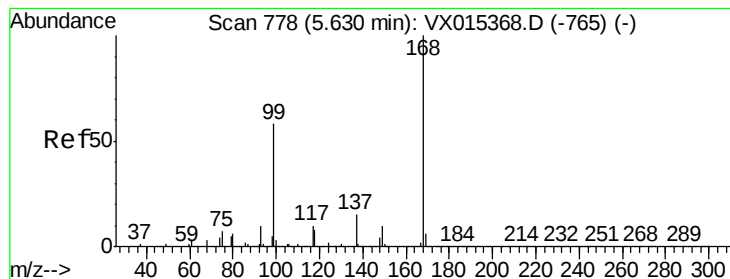
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042120\
Data File : VX015813.D
Acq On : 21 Apr 2020 23:26
Operator : JC/SP
Sample : VX0421WBS02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS02

Quant Time: Apr 22 04:23:40 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	315514	17.897	ug/l	98
94) Hexachlorobutadiene	13.77	225	137801	16.418	ug/l	97
95) Naphthalene	13.82	128	927256	17.243	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	304660	17.949	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Instrument :

MSVOA_X

ClientSampleId :

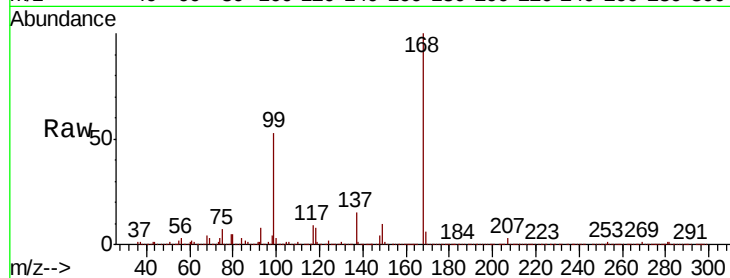
VX0421WBS02

Tot Ion:168 Resp: 905124

Ion Ratio Lower Upper

168 100

99 53.2 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

300000

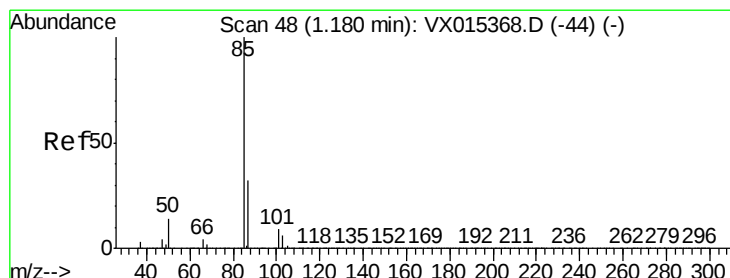
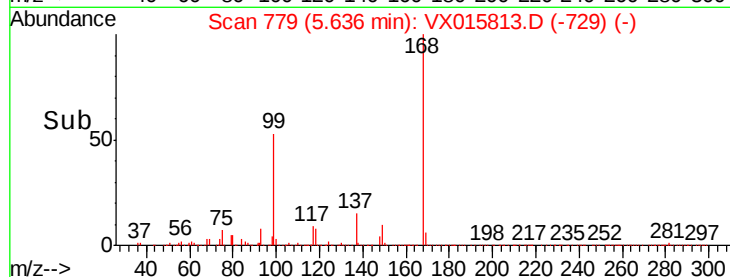
200000

100000

0

5.50 5.60 5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 13.232 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.01 min

Lab File: VX015813.D

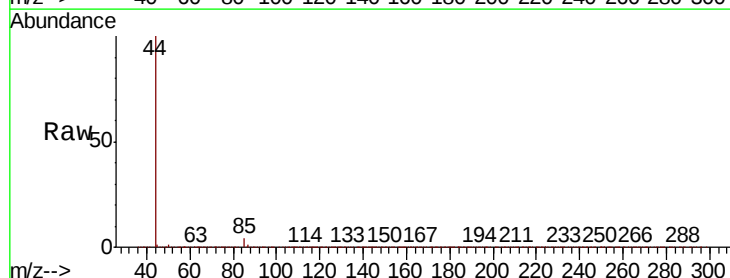
Acq: 21 Apr 2020 23:26

Tgt Ion: 85 Resp: 105517

Ion Ratio Lower Upper

85 100

87 29.9 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

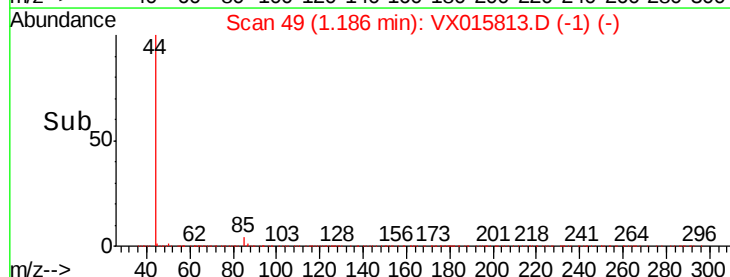
100000

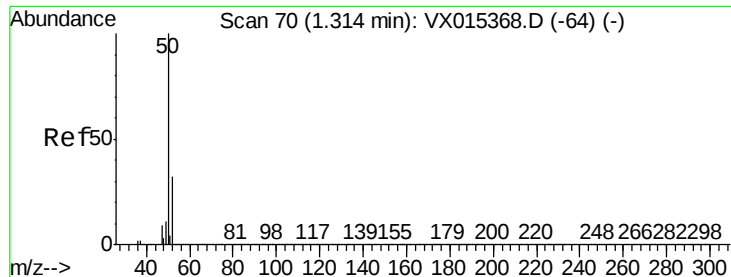
50000

0

1.10 1.20 1.30

Time-->

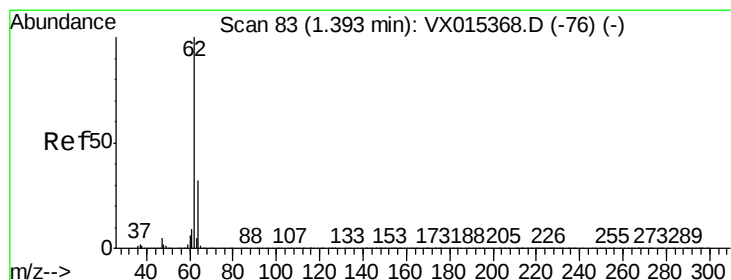
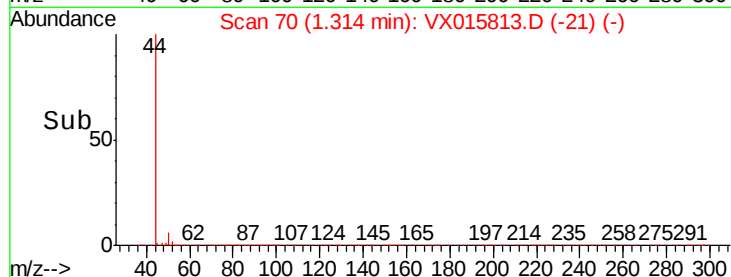
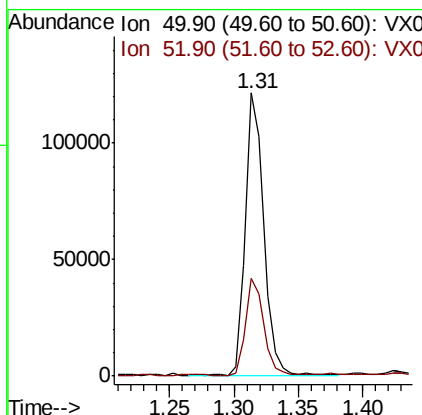
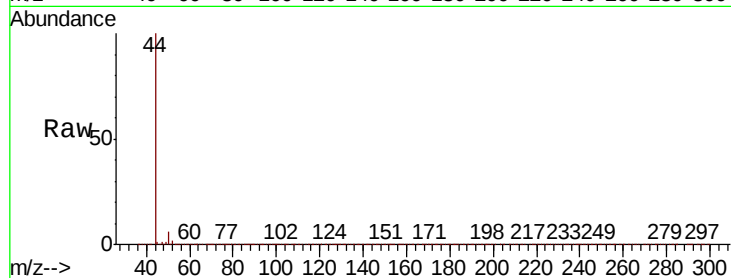




#3
Chloromethane
Concen: 11.754 ug/l
RT: 1.31 min Scan# 70
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

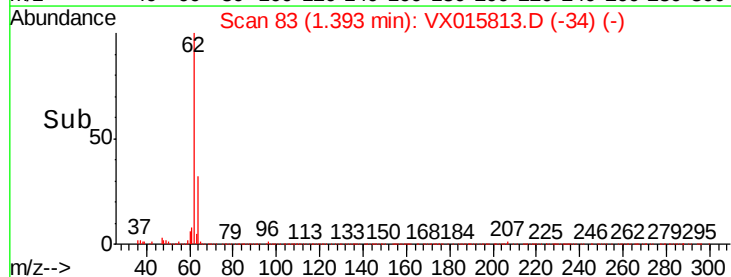
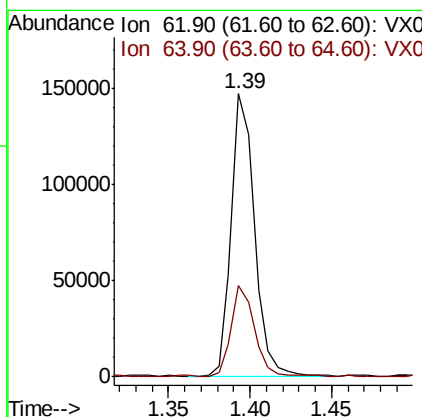
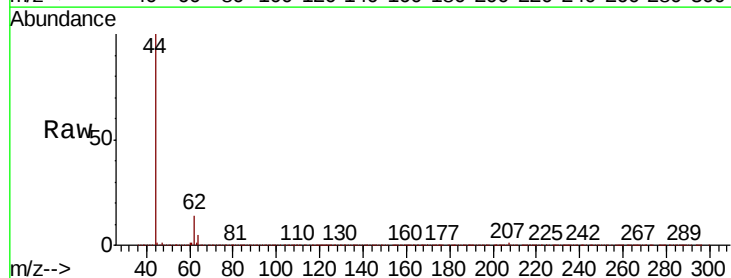
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS02

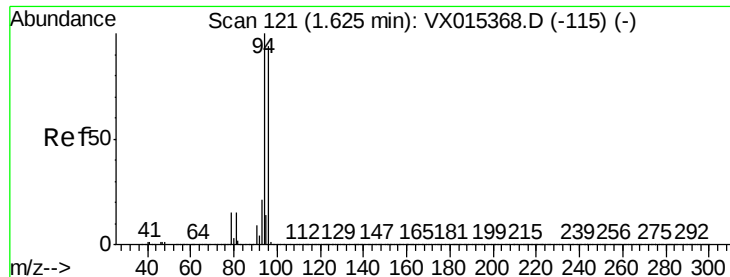
Tot Ion: 50 Resp: 119369
Ion Ratio Lower Upper
50 100
52 33.9 25.3 37.9



#4
Vinyl Chloride
Concen: 15.595 ug/l
RT: 1.39 min Scan# 83
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Tgt Ion: 62 Resp: 145423
Ion Ratio Lower Upper
62 100
64 32.3 26.0 39.0





#5

Bromomethane

Concen: 8.001 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Instrument :

MSVOA_X

ClientSampleId :

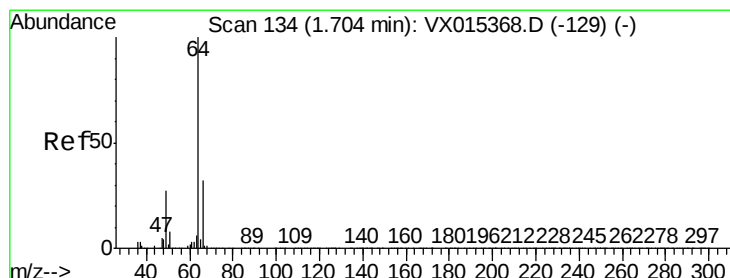
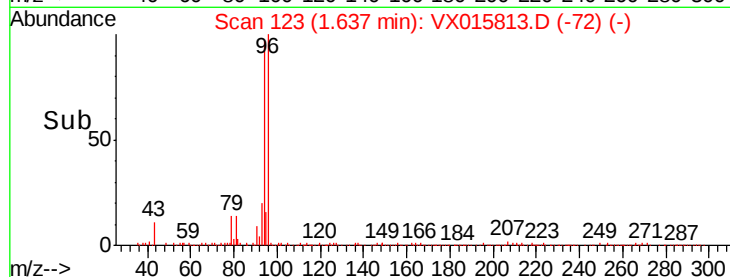
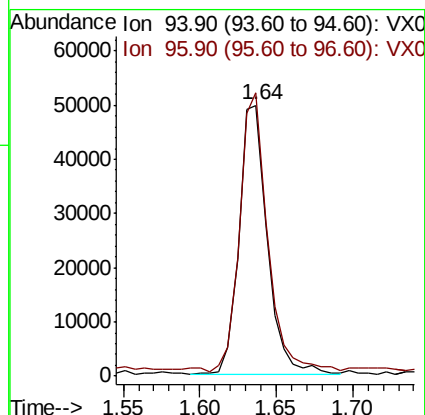
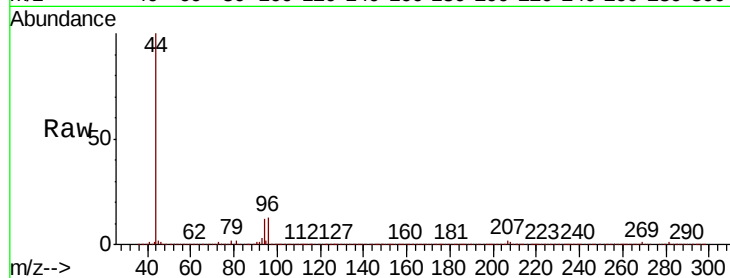
VX0421WBS02

Tot Ion: 94 Resp: 63592

Ion Ratio Lower Upper

94 100

96 102.9 74.8 112.2



#6

Chloroethane

Concen: 16.011 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX015813.D

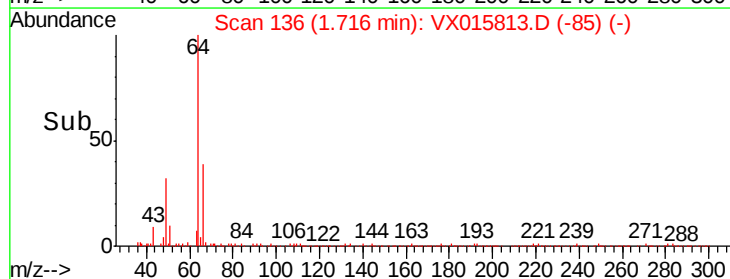
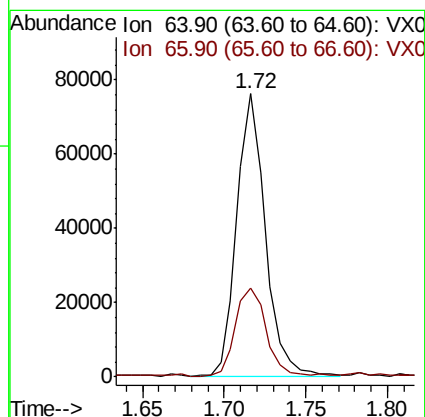
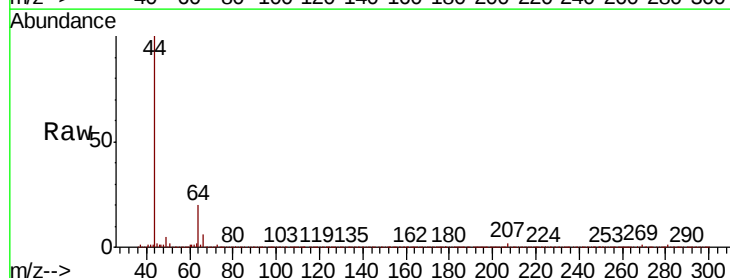
Acq: 21 Apr 2020 23:26

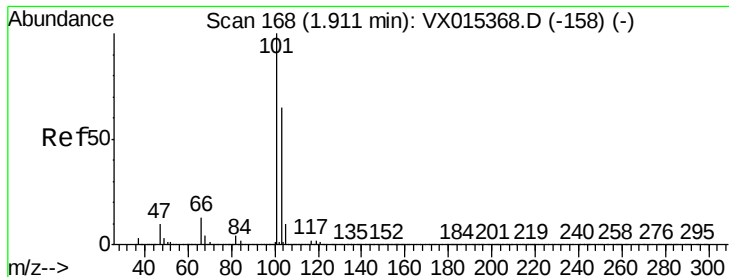
Tgt Ion: 64 Resp: 92597

Ion Ratio Lower Upper

64 100

66 31.3 25.4 38.2



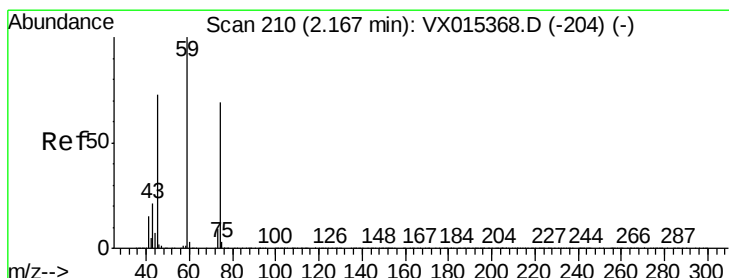
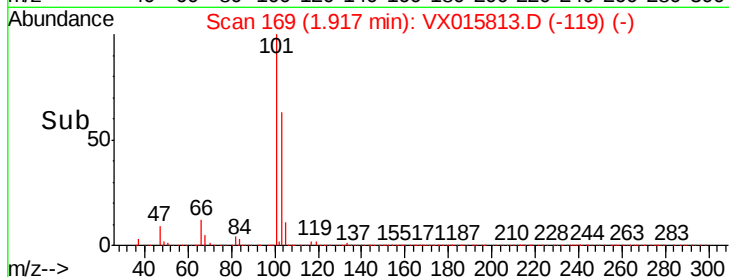
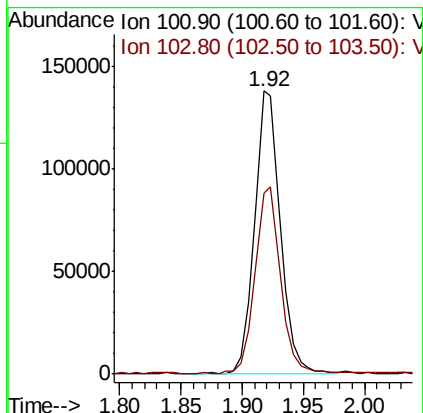
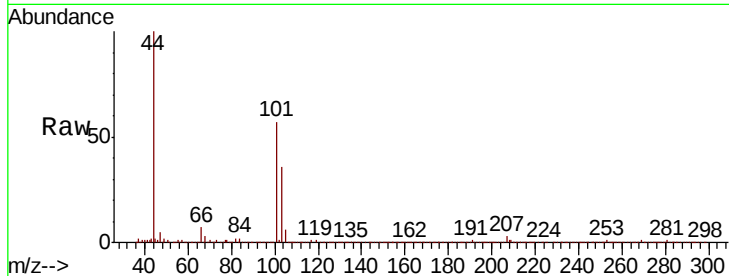


#7

Trichlorofluoromethane
 Concen: 16.208 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.01 min
 Lab File: VX015813.D
 Acq: 21 Apr 2020 23:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBS02

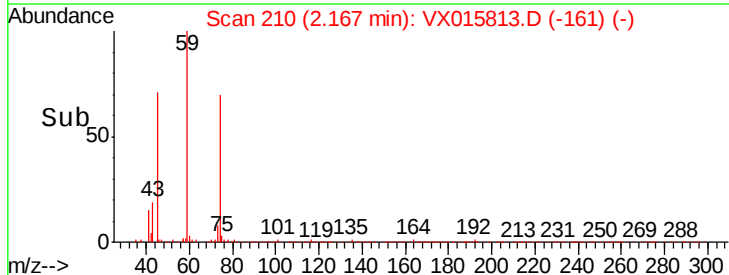
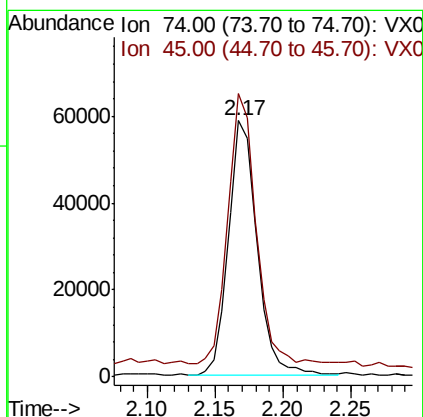
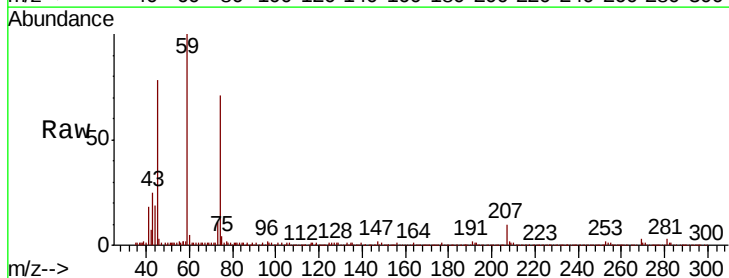
Tot Ion:101 Resp: 202689
 Ion Ratio Lower Upper
 101 100
 103 63.5 52.3 78.5

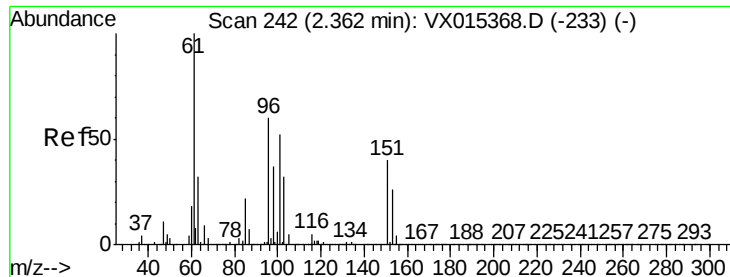


#8

Diethyl Ether
 Concen: 16.195 ug/l
 RT: 2.17 min Scan# 210
 Delta R.T. -0.00 min
 Lab File: VX015813.D
 Acq: 21 Apr 2020 23:26

Tgt Ion: 74 Resp: 85420
 Ion Ratio Lower Upper
 74 100
 45 104.5 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.098 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBS02

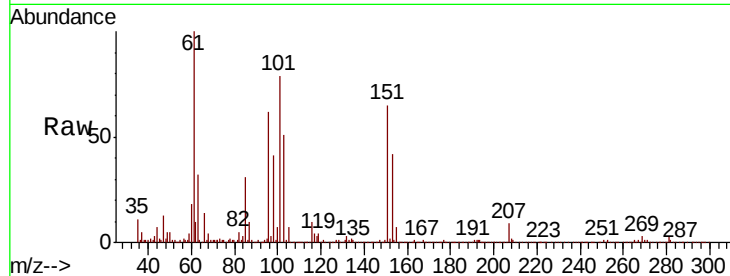
Tot Ion:101 Resp: 139390

Ion Ratio Lower Upper

101 100

85 40.6 35.0 52.4

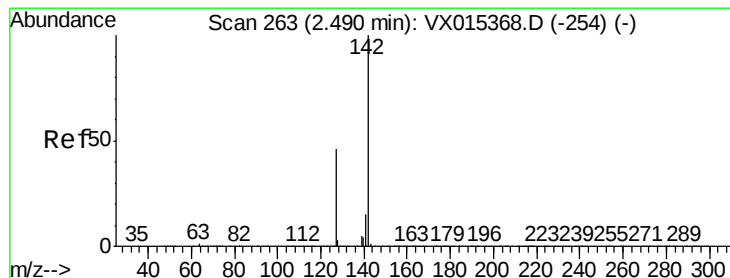
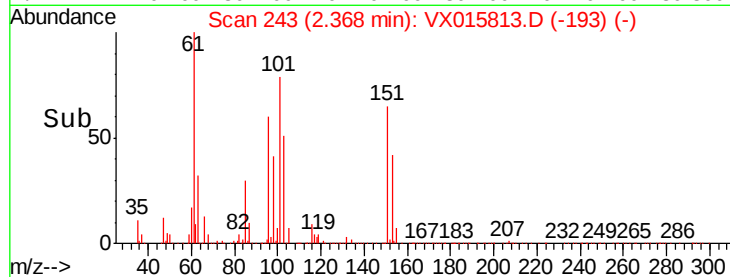
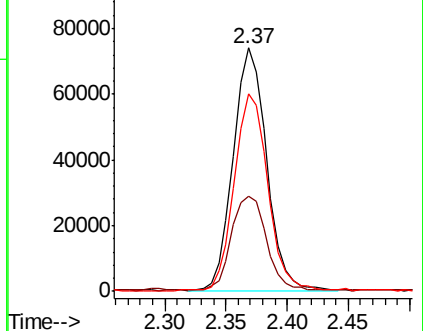
151 82.2 64.1 96.1



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: 15.079 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.01 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

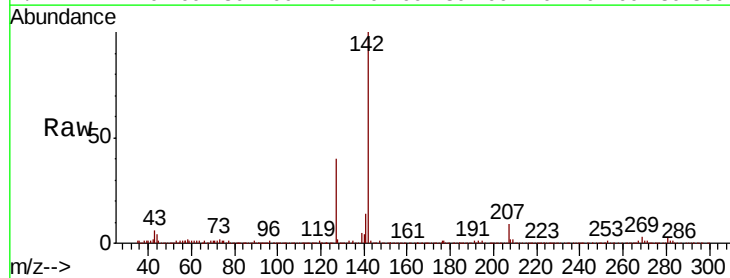
Tgt Ion:142 Resp: 165739

Ion Ratio Lower Upper

142 100

127 40.6 35.9 53.9

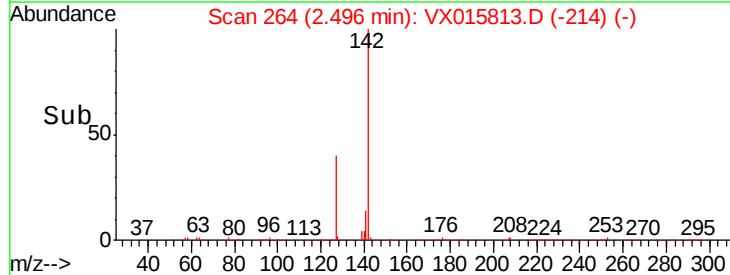
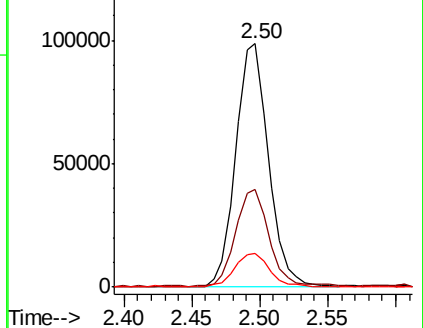
141 14.6 11.6 17.4

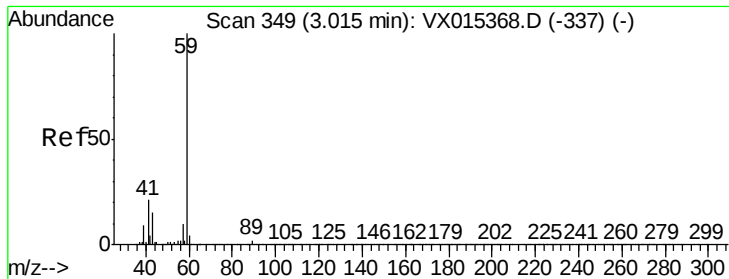


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

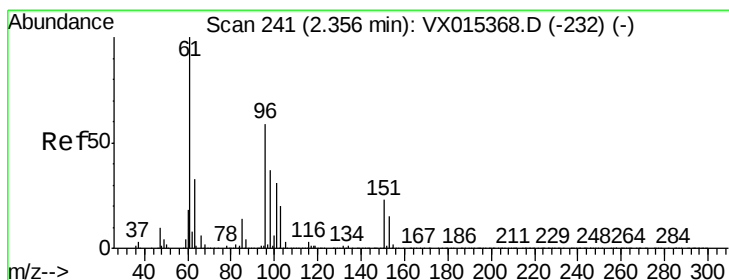
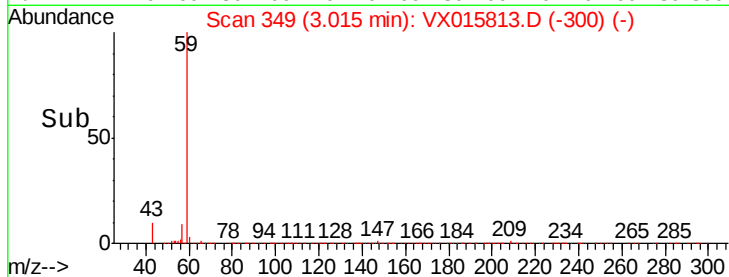
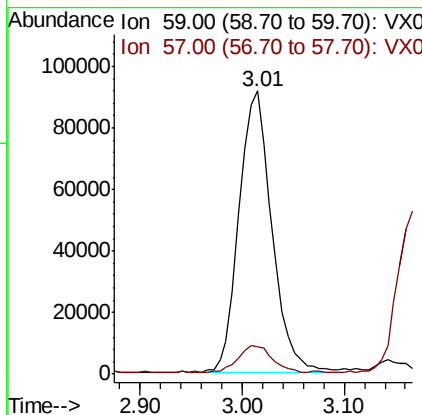
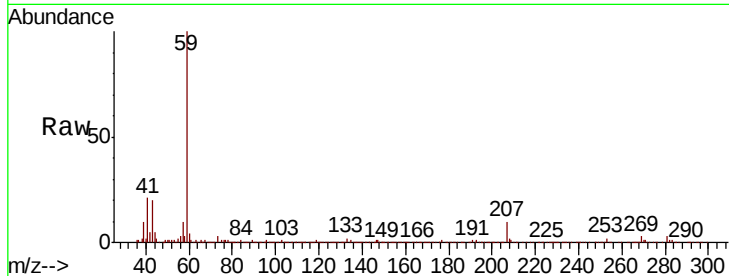




#11
Tert butyl alcohol
Concen: 66.956 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

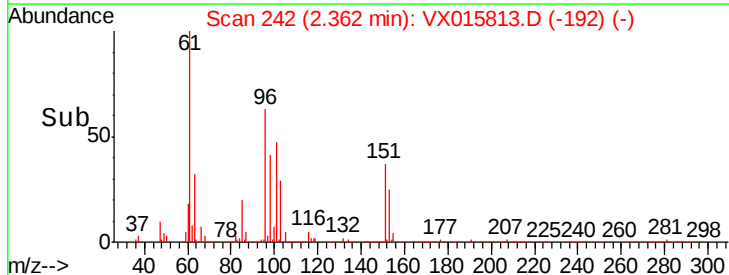
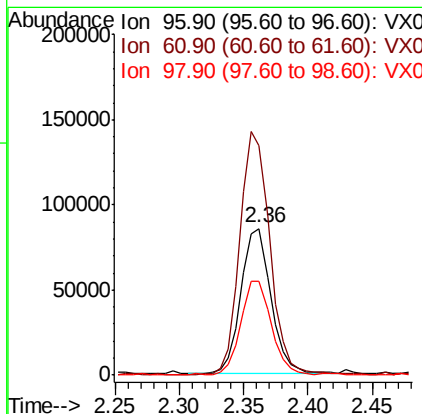
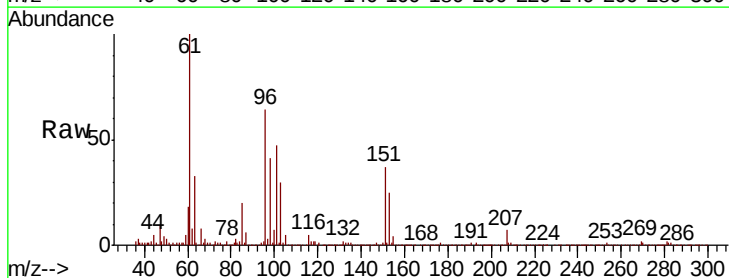
Instrument :
MSVOA_X
ClientSampled :
VX0421WBS02

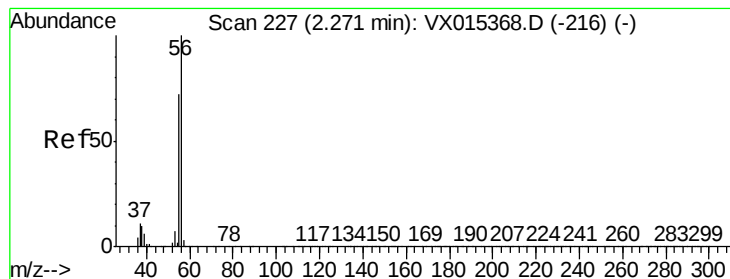
Tot Ion: 59 Resp: 204587
Ion Ratio Lower Upper
59 100
57 10.0 8.1 12.1



#12
1,1-Dichloroethene
Concen: 16.031 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.01 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Tgt Ion: 96 Resp: 136993
Ion Ratio Lower Upper
96 100
61 157.6 135.7 203.5
98 64.5 50.6 75.8





#13

Acrolein

Concen: 100.091 ug/l

RT: 2.28 min Scan# 228

Delta R.T. 0.01 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Instrument :

MSVOA_X

ClientSampleId :

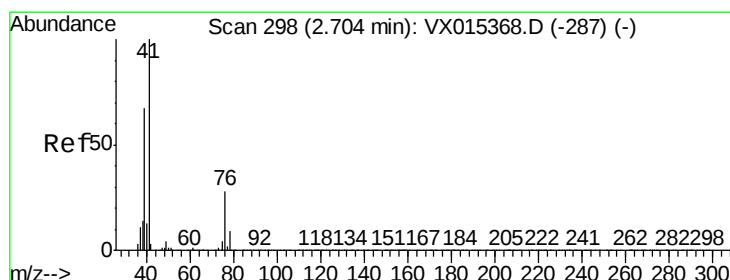
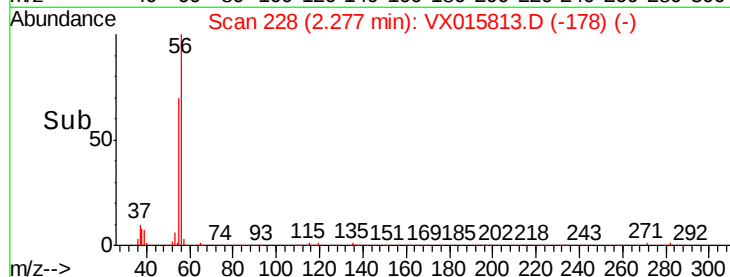
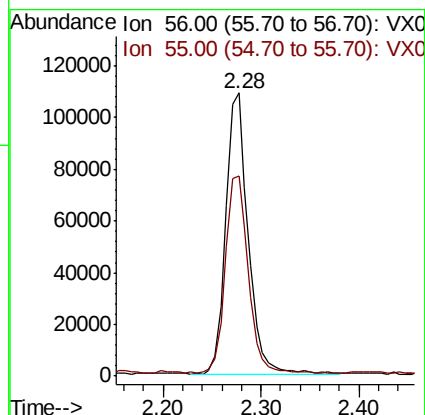
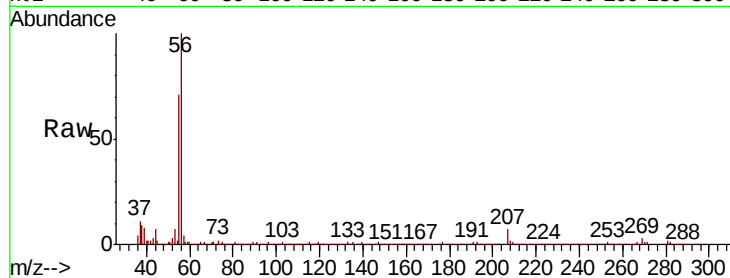
VX0421WBS02

Tot Ion: 56 Resp: 174216

Ion Ratio Lower Upper

56 100

55 70.9 57.0 85.4



#14

Allyl chloride

Concen: 15.255 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.01 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

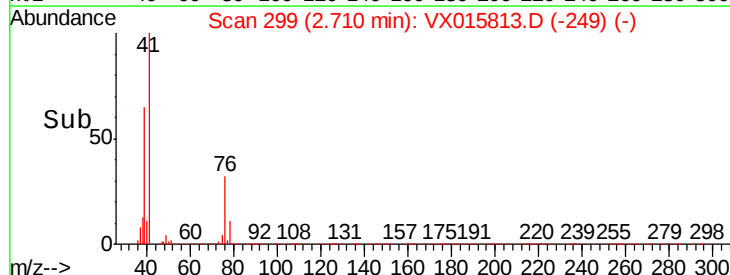
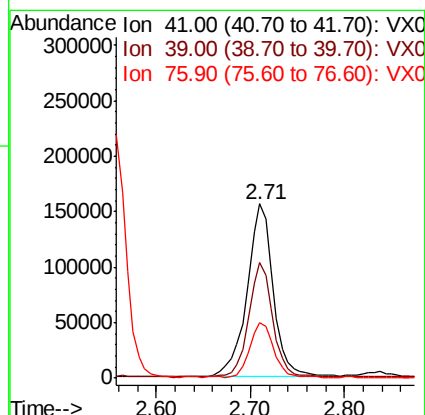
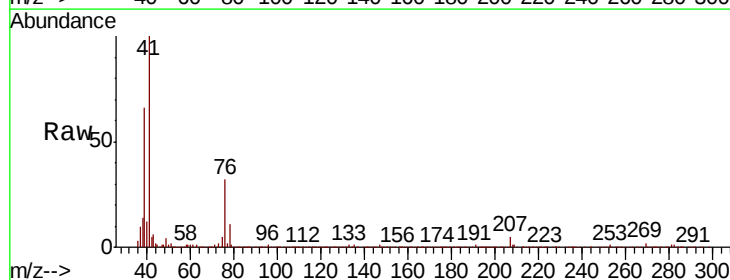
Tgt Ion: 41 Resp: 304589

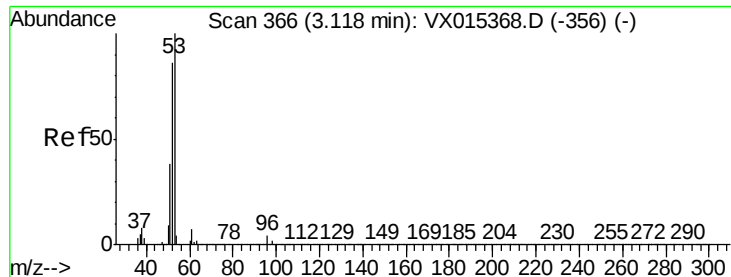
Ion Ratio Lower Upper

41 100

39 61.1 51.4 77.0

76 28.6 21.8 32.8





#15

Acrylonitrile

Concen: 85.380 ug/l

RT: 3.12 min Scan# 366

Delta R.T. -0.00 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBS02

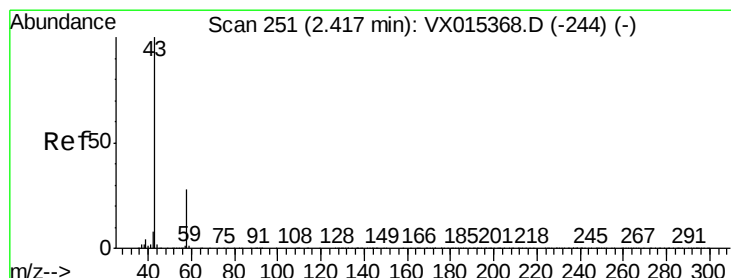
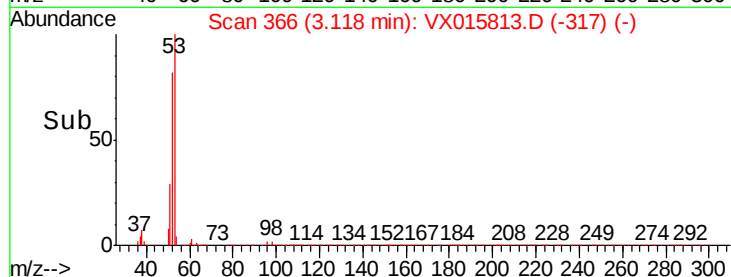
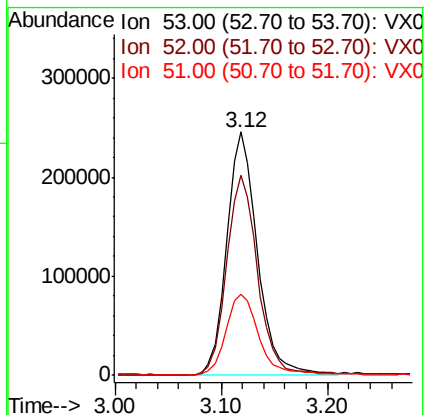
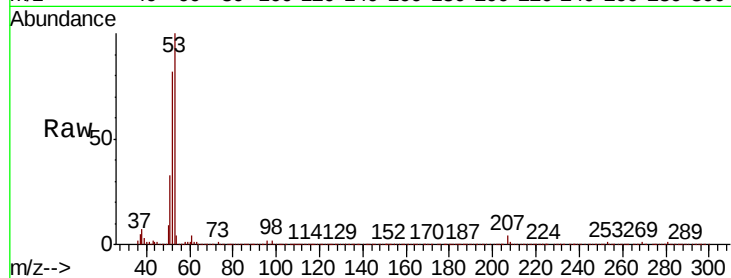
Tot Ion: 53 Resp: 497522

Ion Ratio Lower Upper

53 100

52 84.0 66.8 100.2

51 35.3 29.5 44.3



#16

Acetone

Concen: 84.732 ug/l

RT: 2.42 min Scan# 252

Delta R.T. 0.01 min

Lab File: VX015813.D

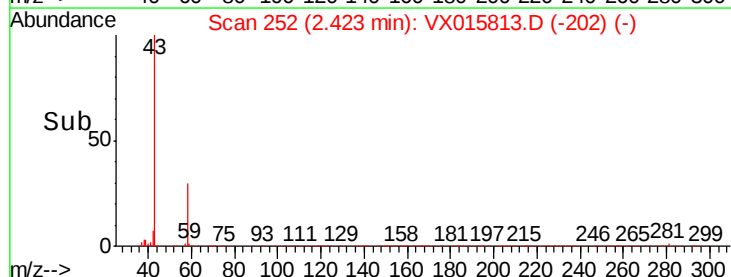
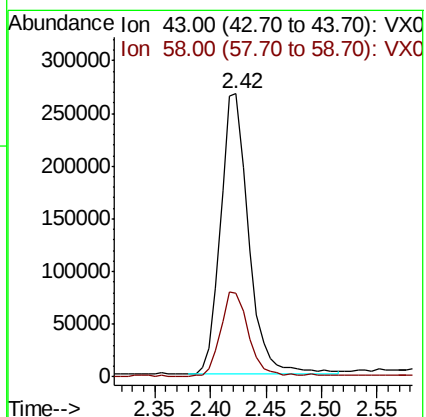
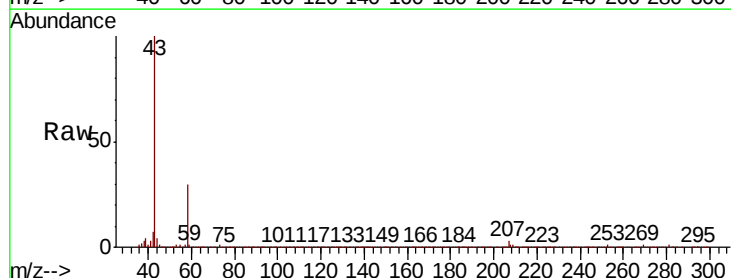
Acq: 21 Apr 2020 23:26

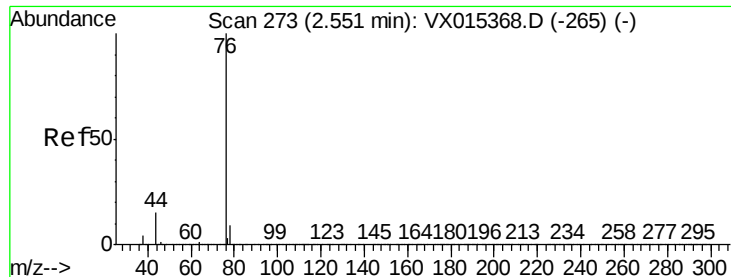
Tgt Ion: 43 Resp: 464709

Ion Ratio Lower Upper

43 100

58 29.9 22.1 33.1





#17

Carbon Disulfide

Concen: 14.398 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.01 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Instrument :

MSVOA_X

ClientSampleId :

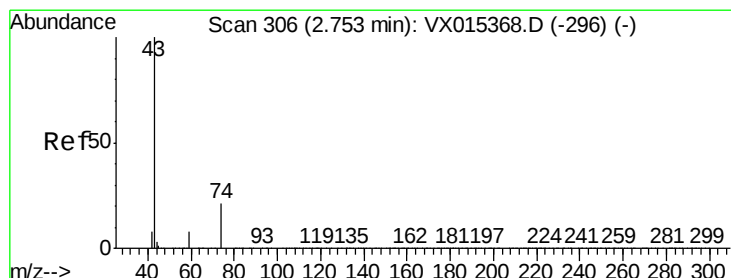
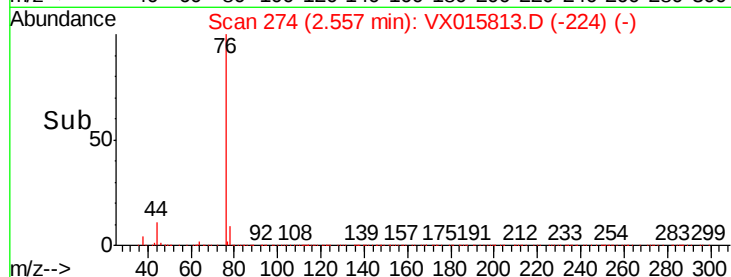
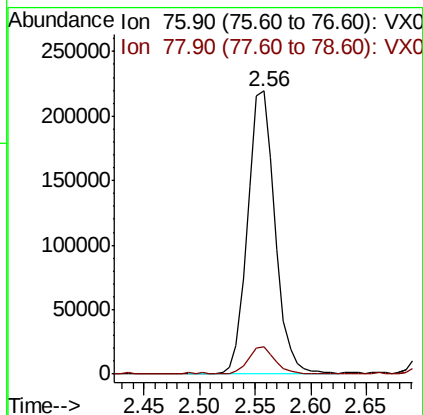
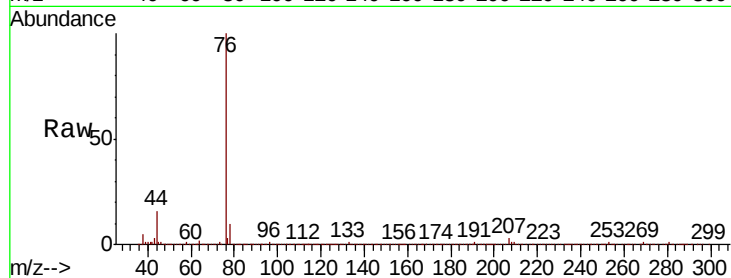
VX0421WBS02

Tot Ion: 76 Resp: 375338

Ion Ratio Lower Upper

76 100

78 9.6 7.1 10.7



#18

Methyl Acetate

Concen: 19.333 ug/l

RT: 2.75 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX015813.D

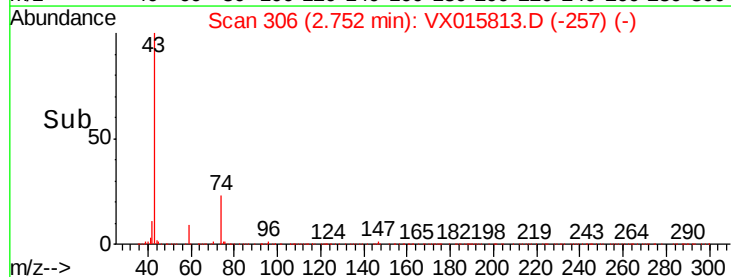
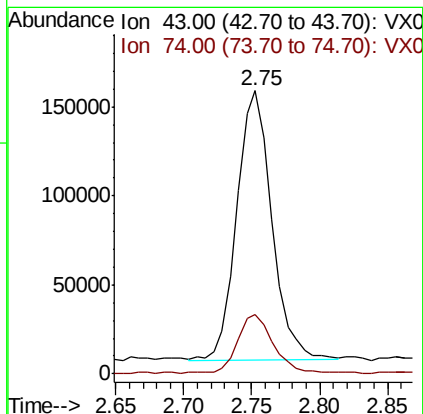
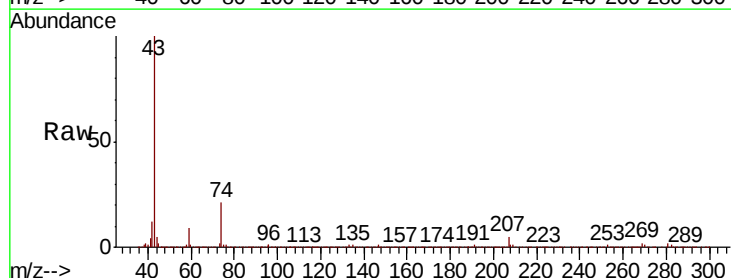
Acq: 21 Apr 2020 23:26

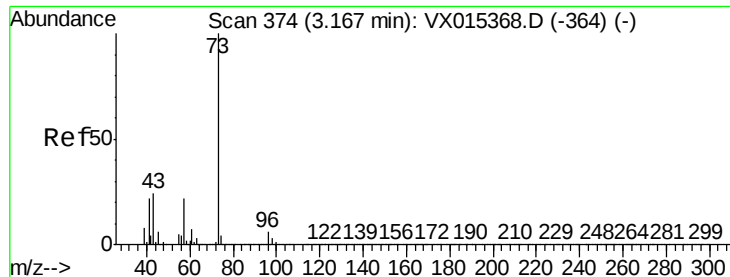
Tgt Ion: 43 Resp: 270622

Ion Ratio Lower Upper

43 100

74 22.3 16.5 24.7



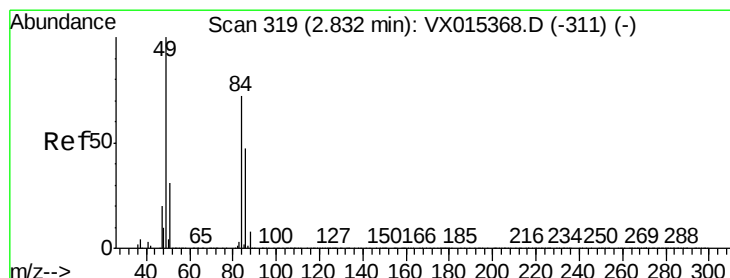
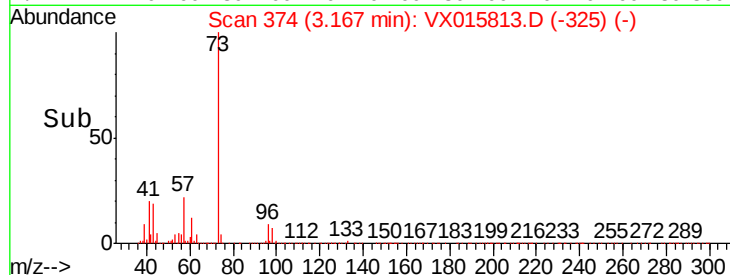
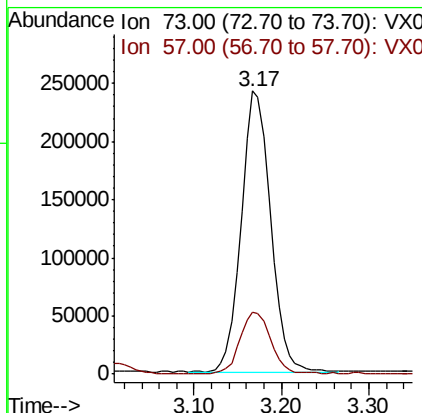
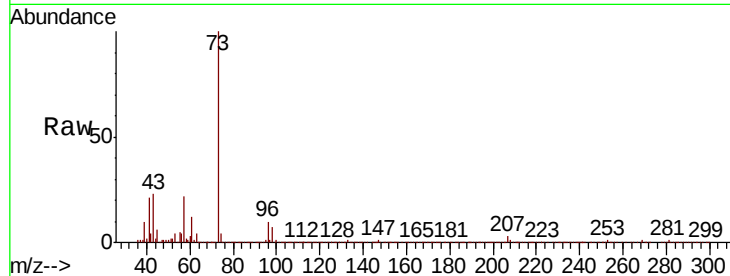


#19

Methyl tert-butyl Ether
 Concen: 17.012 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VX015813.D
 Acq: 21 Apr 2020 23:26

Instrument :
 MSVOA_X
 ClientSampled :
 VX0421WBS02

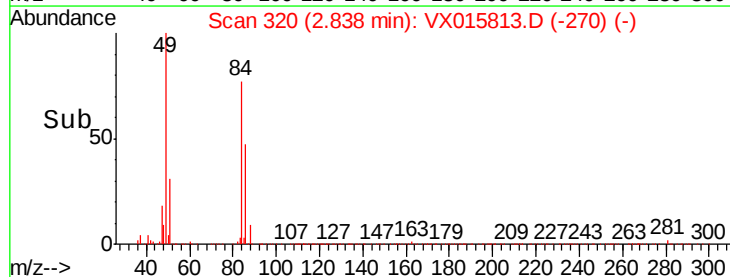
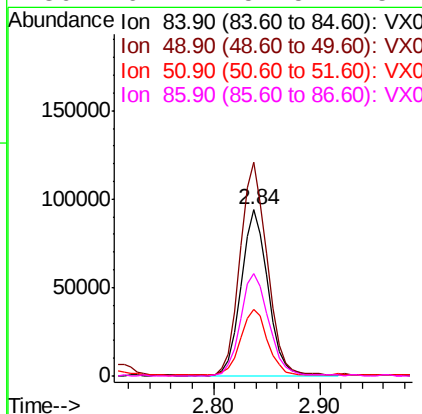
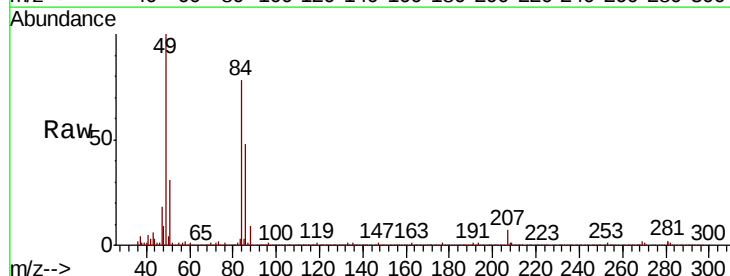
Tot Ion: 73 Resp: 563800
 Ion Ratio Lower Upper
 73 100
 57 21.7 17.9 26.9

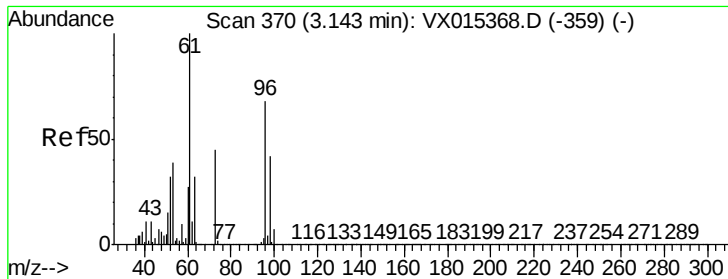


#20

Methylene Chloride
 Concen: 16.212 ug/l
 RT: 2.84 min Scan# 320
 Delta R.T. 0.01 min
 Lab File: VX015813.D
 Acq: 21 Apr 2020 23:26

Tgt Ion: 84 Resp: 166082
 Ion Ratio Lower Upper
 84 100
 49 128.2 111.3 166.9
 51 38.8 34.0 51.0
 86 61.4 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 16.316 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.01 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBS02

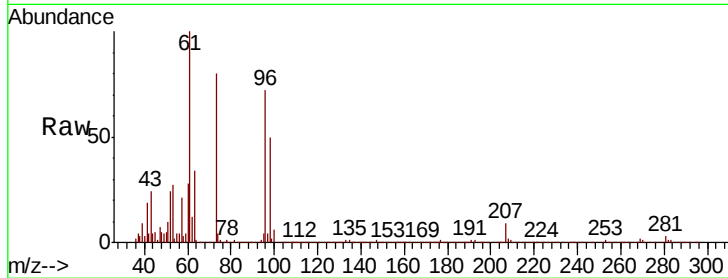
Tot Ion: 96 Resp: 154740

Ion Ratio Lower Upper

96 100

61 140.7 116.9 175.3

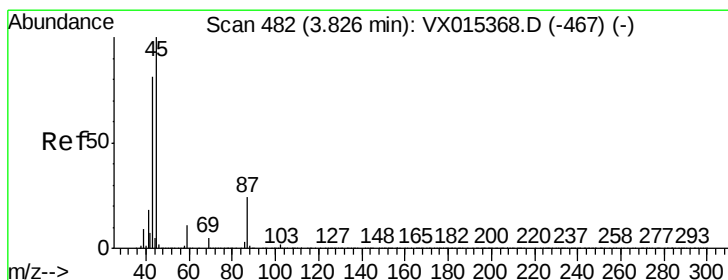
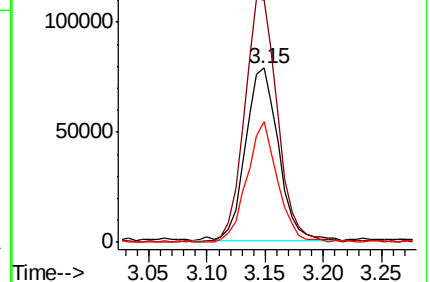
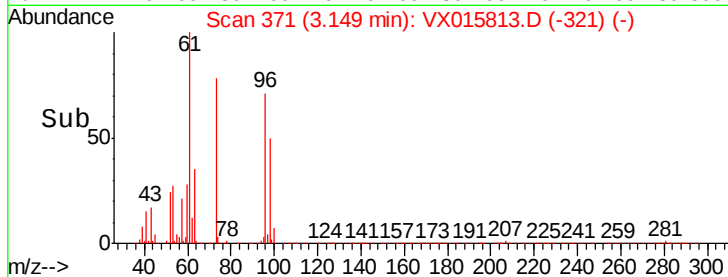
98 69.4 48.6 73.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 17.165 ug/l

RT: 3.83 min Scan# 483

Delta R.T. 0.01 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Tgt Ion: 45 Resp: 607329

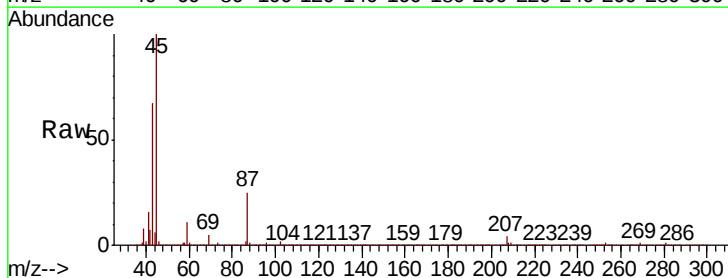
Ion Ratio Lower Upper

45 100

43 65.7 64.7 97.1

87 25.0 19.4 29.0

59 10.8 8.7 13.1

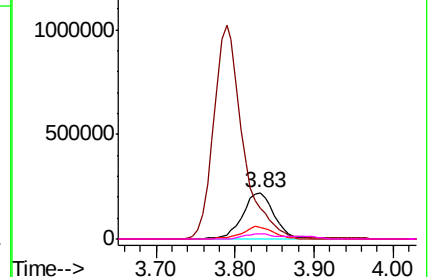
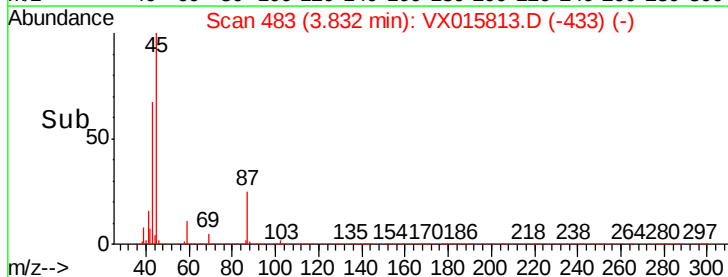


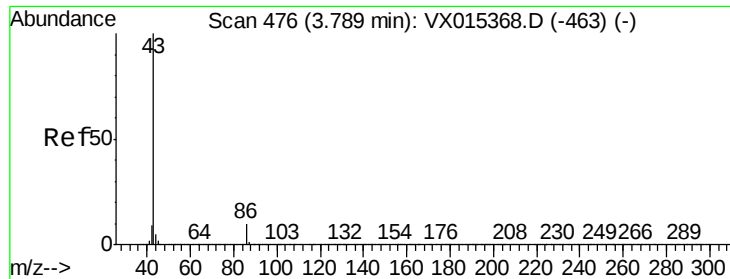
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

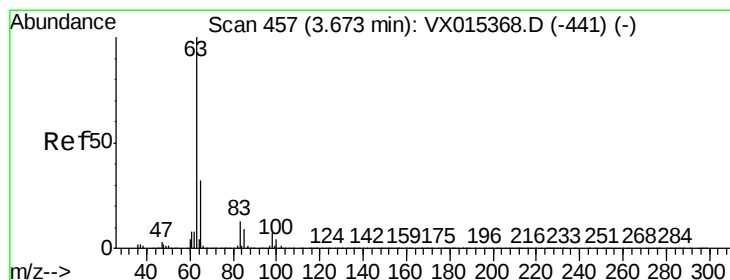
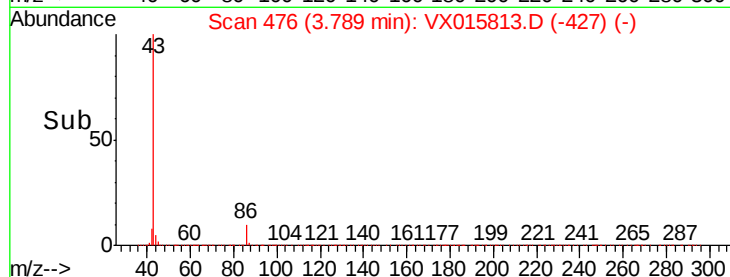
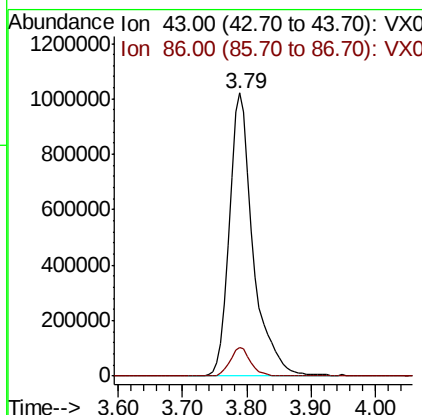
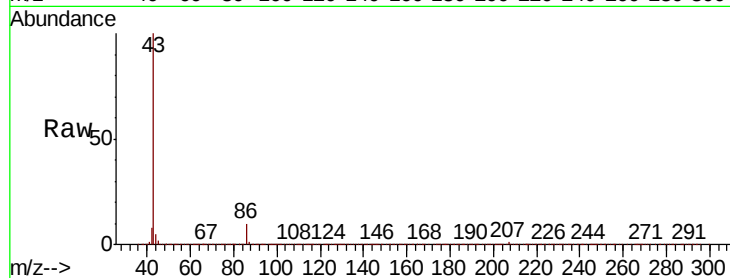




#23
 Vinyl Acetate
 Concen: 81.934 ug/l
 RT: 3.79 min Scan# 476
 Delta R.T. -0.00 min
 Lab File: VX015813.D
 Acq: 21 Apr 2020 23:26

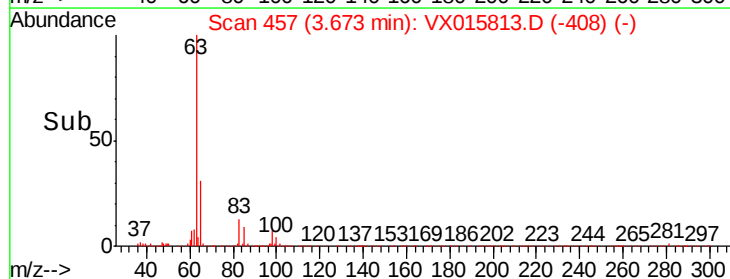
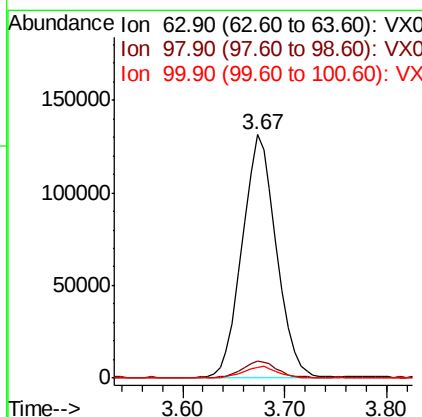
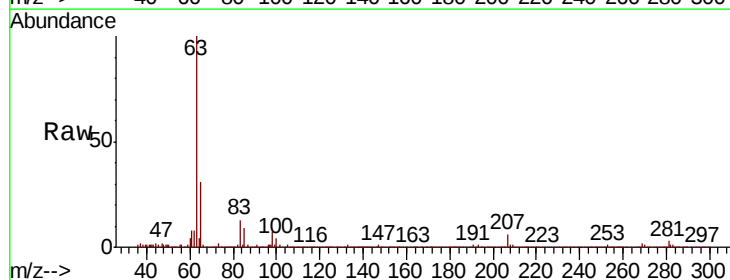
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBS02

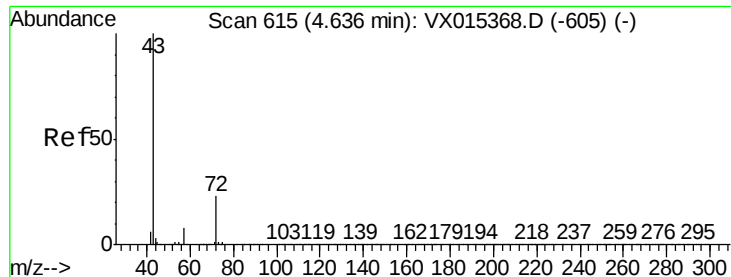
Tot Ion: 43 Resp: 2624681
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.8 11.6



#24
 1,1-Dichloroethane
 Concen: 16.317 ug/l
 RT: 3.67 min Scan# 457
 Delta R.T. -0.00 min
 Lab File: VX015813.D
 Acq: 21 Apr 2020 23:26

Tgt Ion: 63 Resp: 303966
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.3 9.8
 100 4.2 2.1 6.5

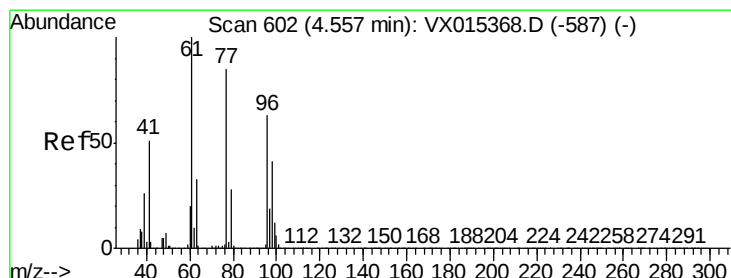
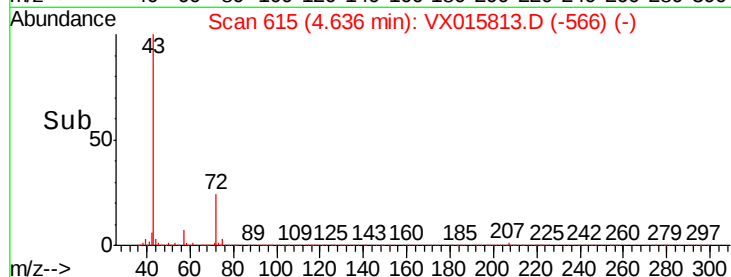
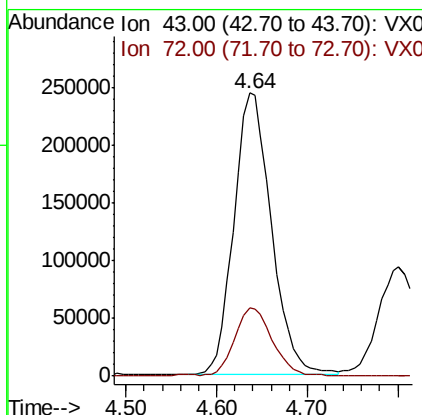
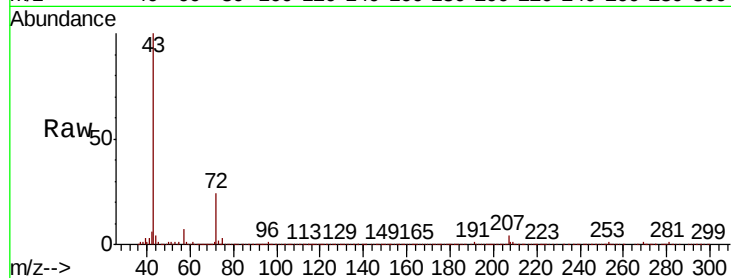




#25
2-Butanone
Concen: 79.360 ug/l
RT: 4.64 min Scan# 615
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

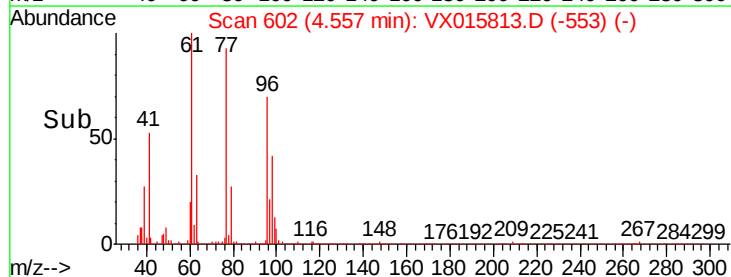
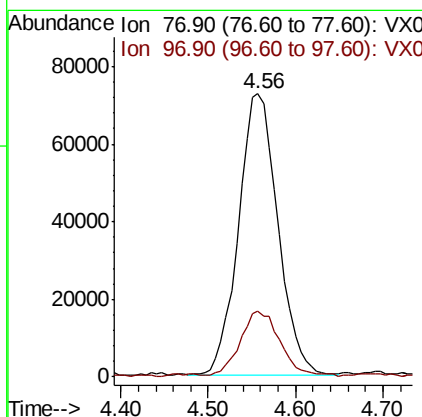
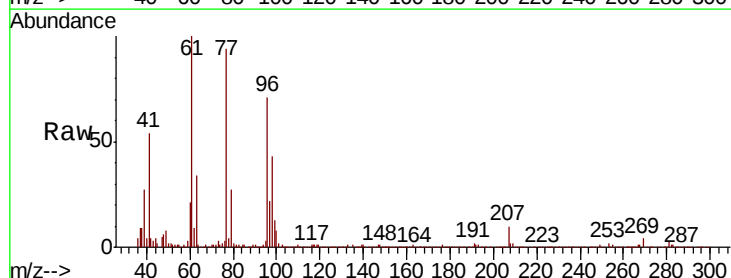
Instrument :
MSVOA_X
ClientSampled :
VX0421WBS02

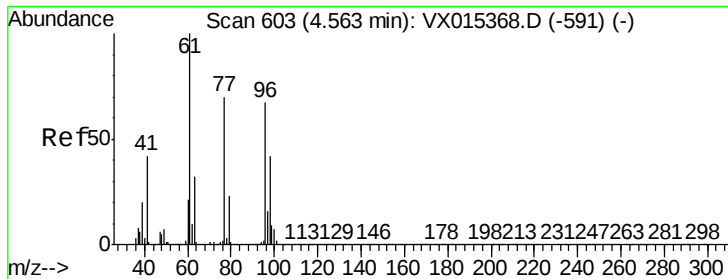
Tot Ion: 43 Resp: 699972
Ion Ratio Lower Upper
43 100
72 24.1 19.0 28.4



#26
2,2-Dichloropropane
Concen: 14.827 ug/l
RT: 4.56 min Scan# 602
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Tgt Ion: 77 Resp: 226719
Ion Ratio Lower Upper
77 100
97 22.7 11.3 33.8



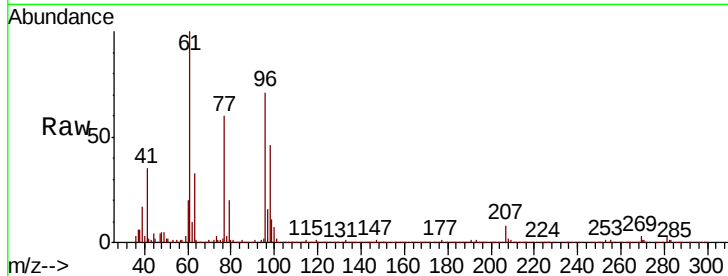


#27

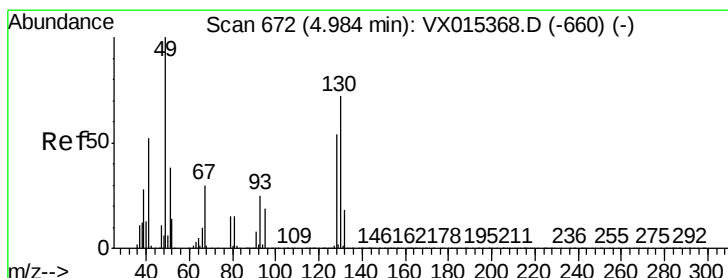
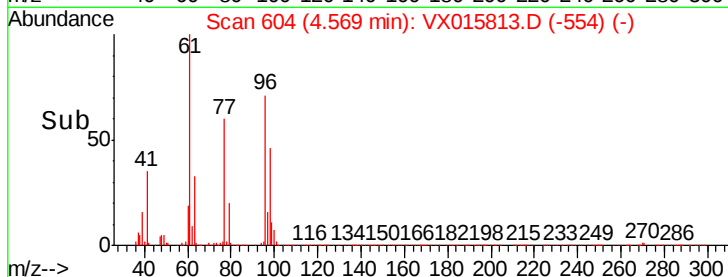
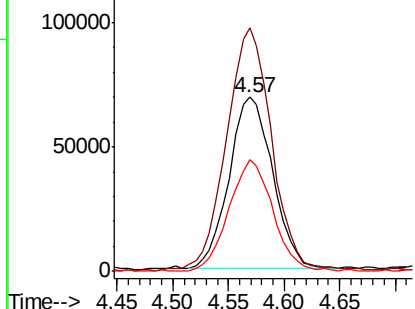
cis-1,2-Dichloroethene
Concen: 17.025 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.9	0.0	308.4
98	64.8	0.0	129.2



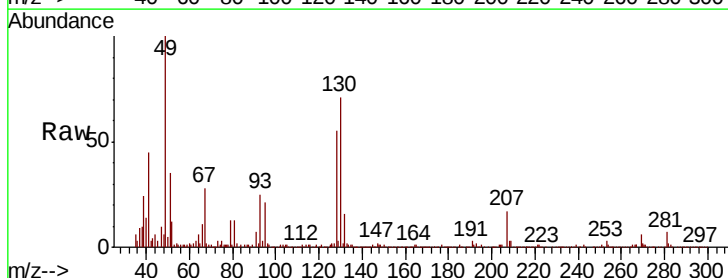
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



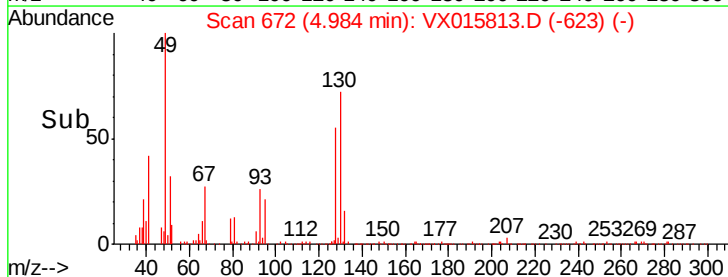
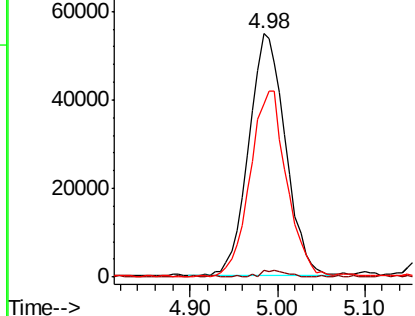
#28

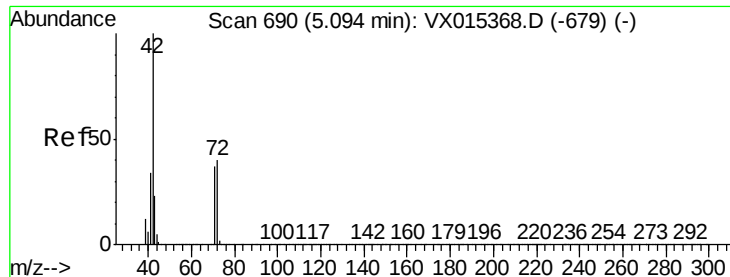
Bromochloromethane
Concen: 17.908 ug/l
RT: 4.98 min Scan# 672
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.4
130	77.4	57.7	86.5



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





#29

Tetrahydrofuran

Concen: 80.751 ug/l

RT: 5.09 min Scan# 690

Delta R.T. -0.00 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBS02

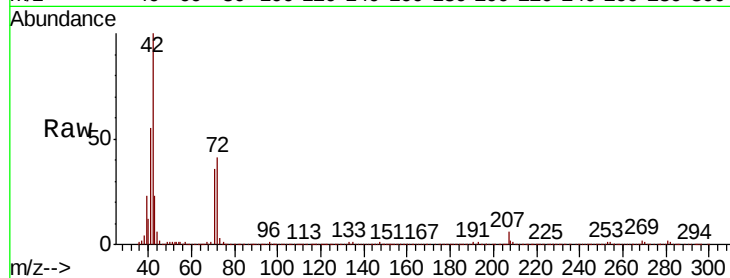
Tot Ion: 42 Resp: 457880

Ion Ratio Lower Upper

42 100

72 42.7 31.7 47.5

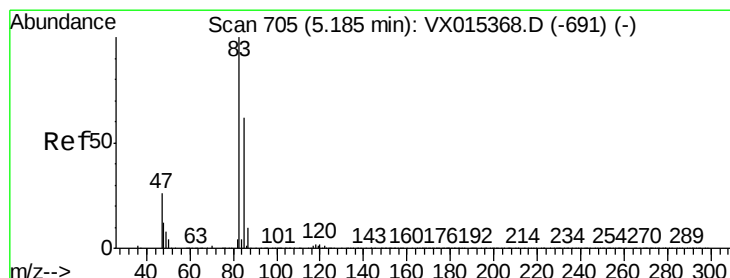
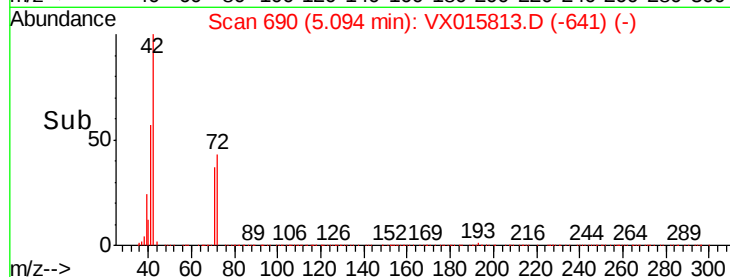
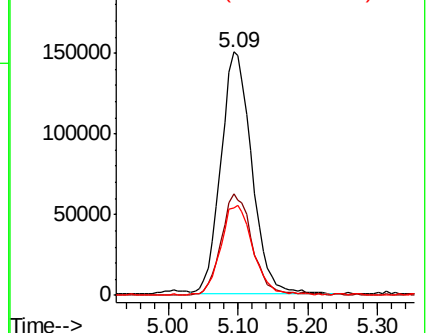
71 38.1 29.6 44.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 17.043 ug/l

RT: 5.18 min Scan# 705

Delta R.T. -0.00 min

Lab File: VX015813.D

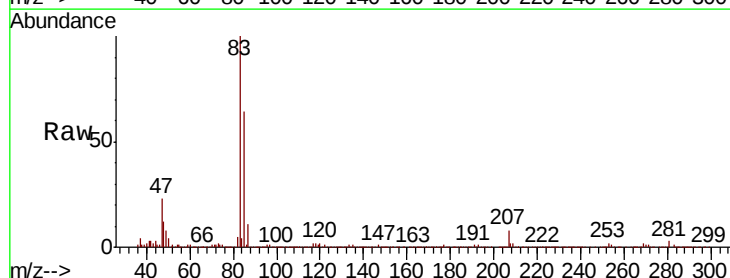
Acq: 21 Apr 2020 23:26

Tgt Ion: 83 Resp: 305456

Ion Ratio Lower Upper

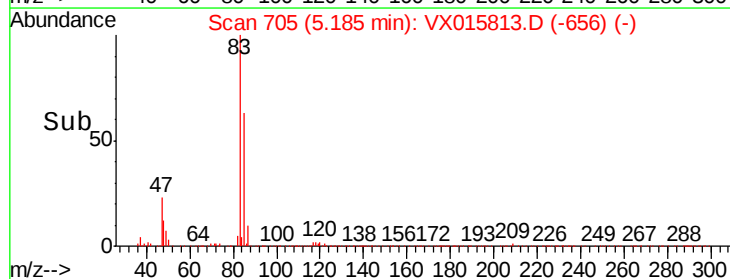
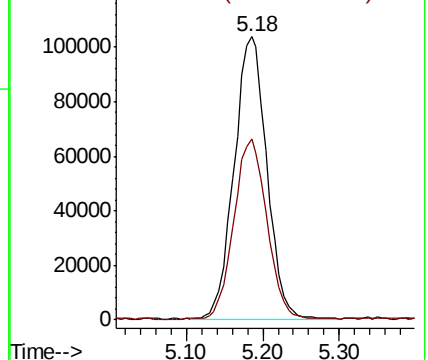
83 100

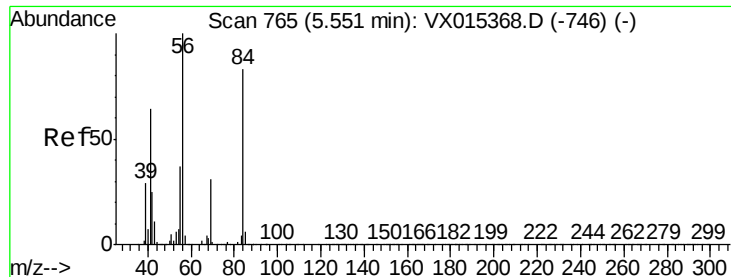
85 63.9 49.5 74.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

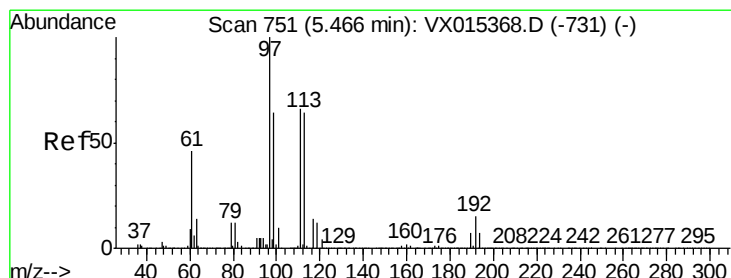
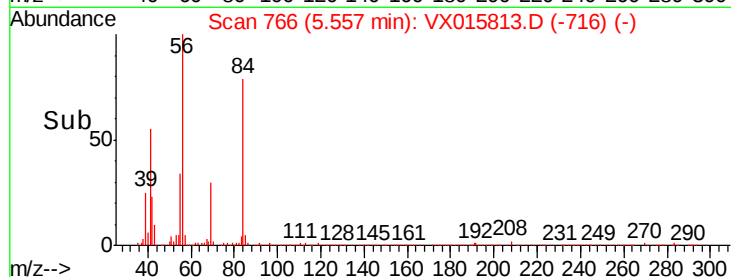
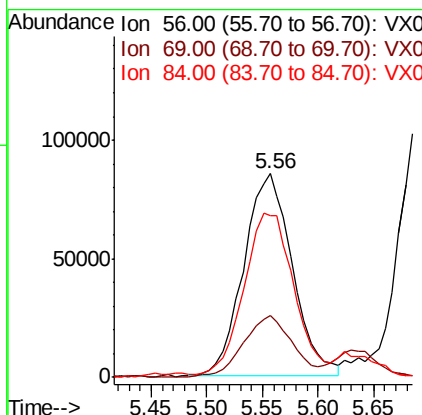
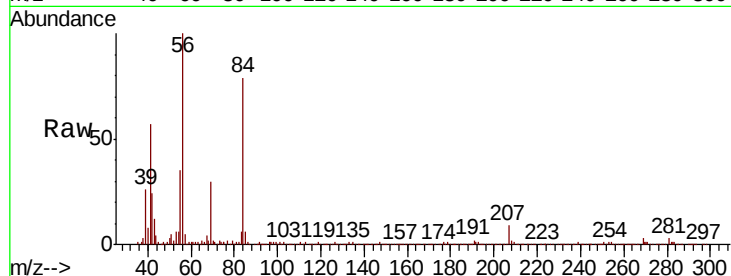




#31
Cyclohexane
Concen: 16.059 ug/l
RT: 5.56 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

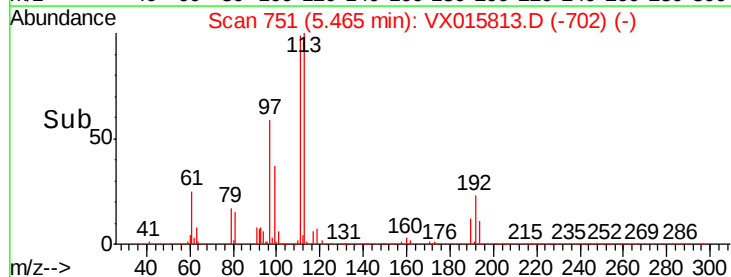
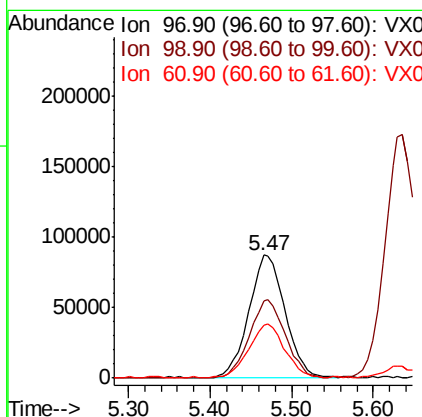
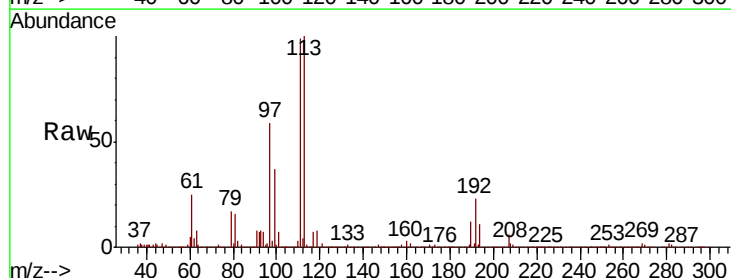
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS02

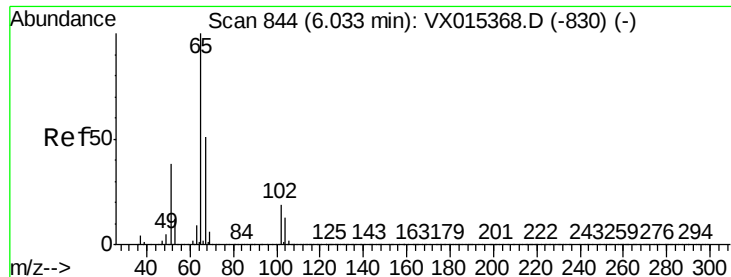
Tot Ion: 56 Resp: 259519
Ion Ratio Lower Upper
56 100
69 30.3 24.6 36.8
84 78.2 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 16.427 ug/l
RT: 5.47 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Tgt Ion: 97 Resp: 266448
Ion Ratio Lower Upper
97 100
99 63.2 51.0 76.4
61 43.2 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 43.554 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.01 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Instrument :

MSVOA_X

ClientSampleId :

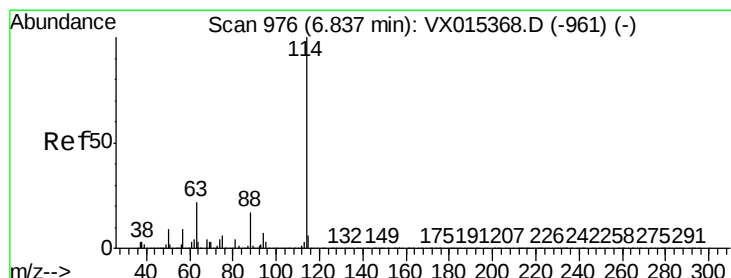
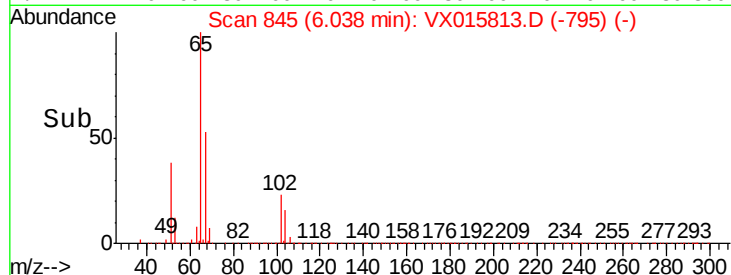
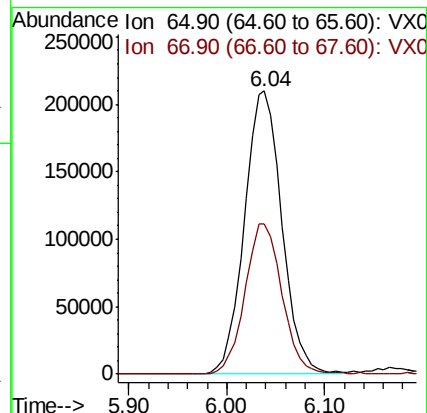
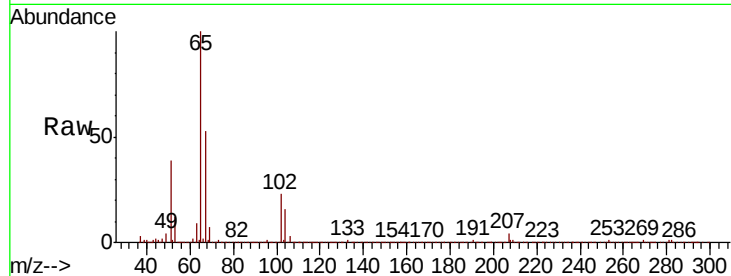
VX0421WBS02

Tot Ion: 65 Resp: 556002

Ion Ratio Lower Upper

65 100

67 52.1 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. -0.00 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

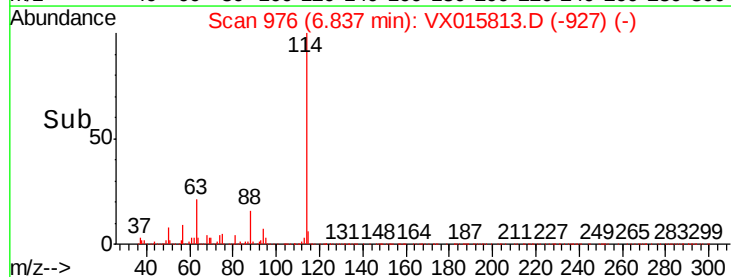
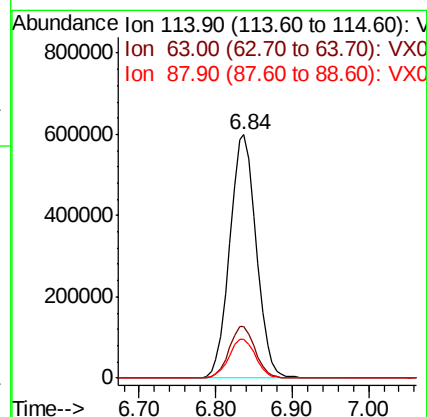
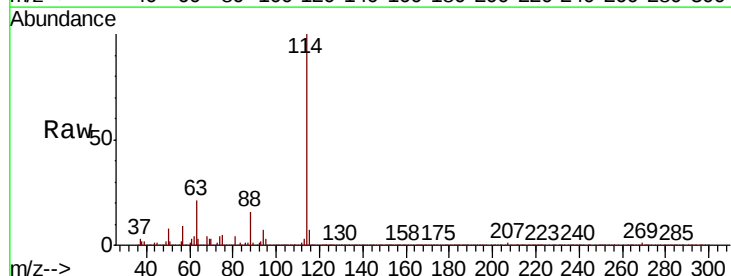
Tgt Ion: 114 Resp: 1434525

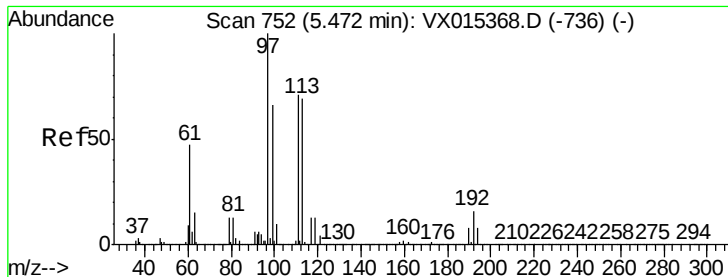
Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.2

88 15.9 0.0 33.8

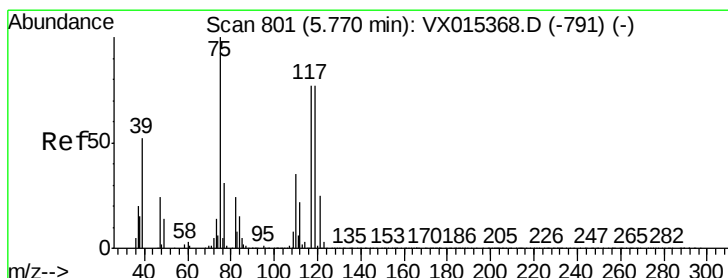
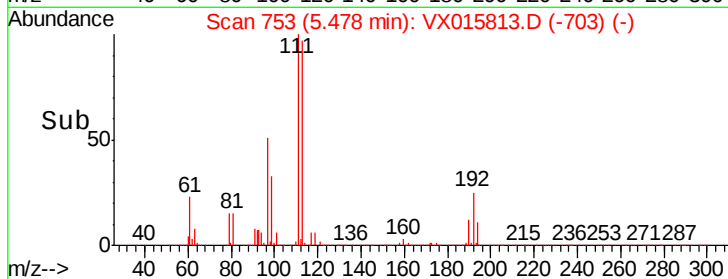
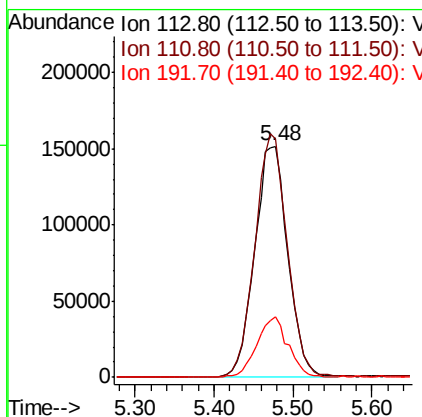
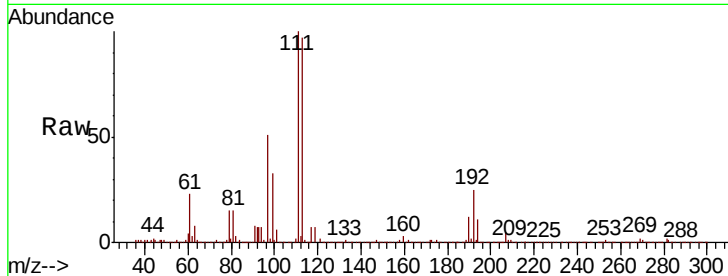




#35
 Dibromofluoromethane
 Concen: 48.326 ug/l
 RT: 5.48 min Scan# 753
 Delta R.T. 0.01 min
 Lab File: VX015813.D
 Acq: 21 Apr 2020 23:26

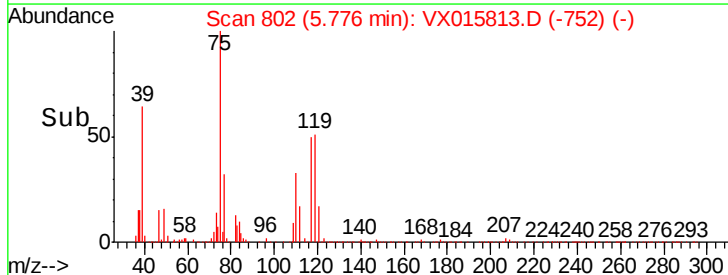
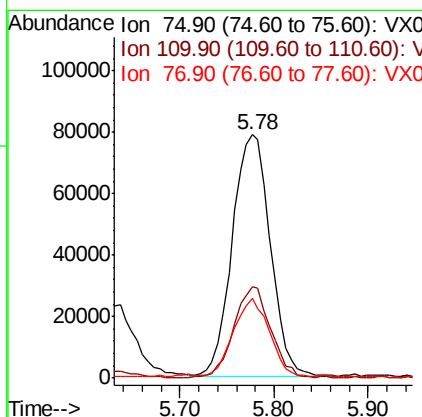
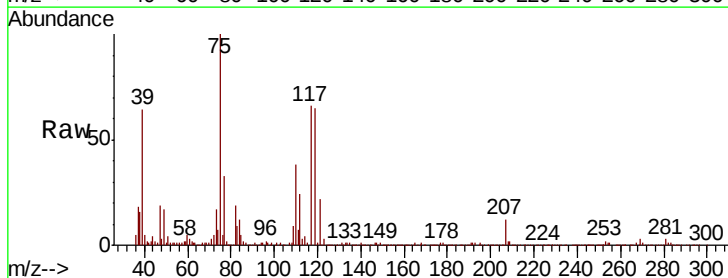
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBS02

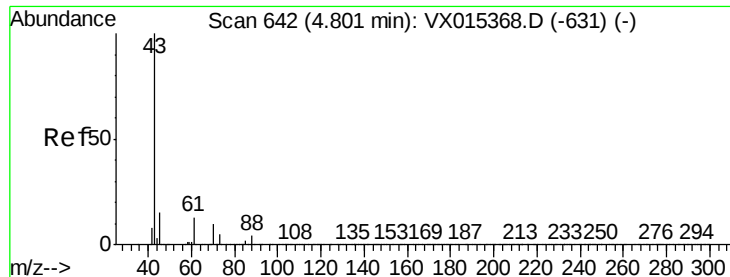
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.5	122.3
192	24.8	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 16.688 ug/l
 RT: 5.78 min Scan# 802
 Delta R.T. 0.01 min
 Lab File: VX015813.D
 Acq: 21 Apr 2020 23:26

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.5	17.1	51.3
77	30.6	24.6	36.8

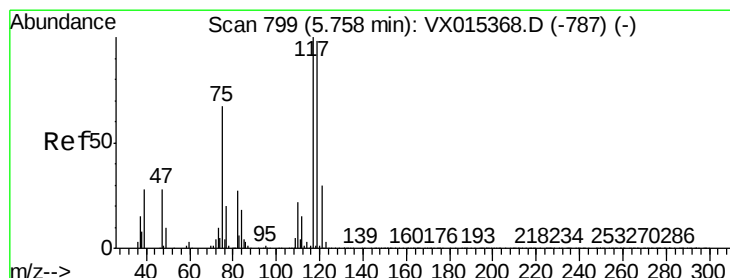
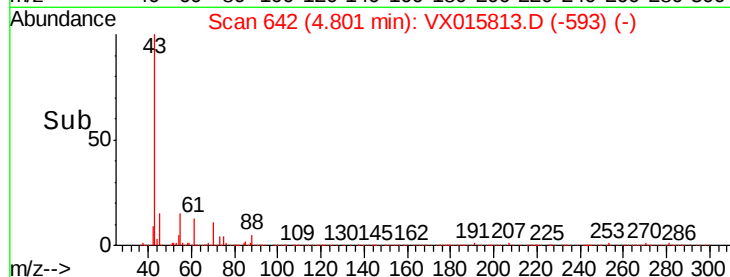
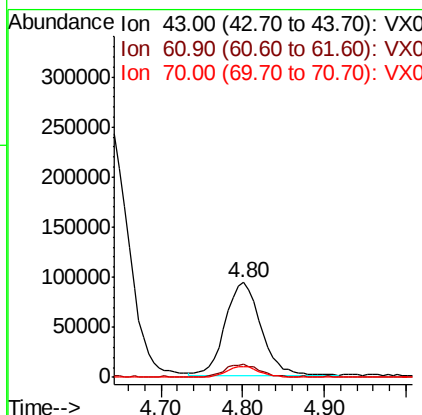
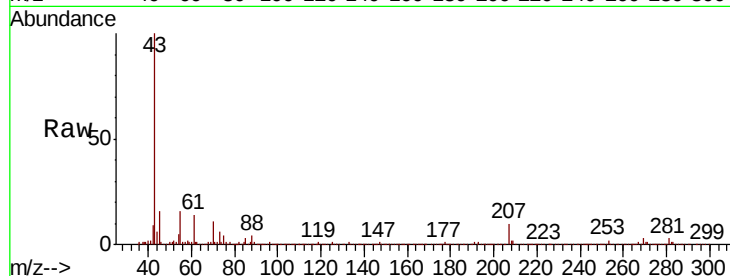




#37
Ethyl Acetate
Concen: 16.450 ug/l
RT: 4.80 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

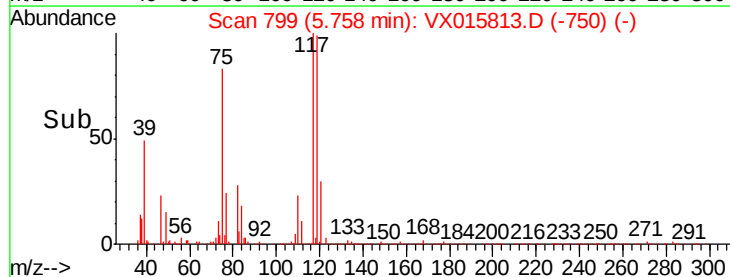
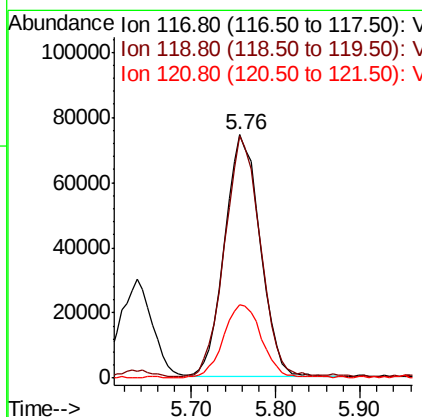
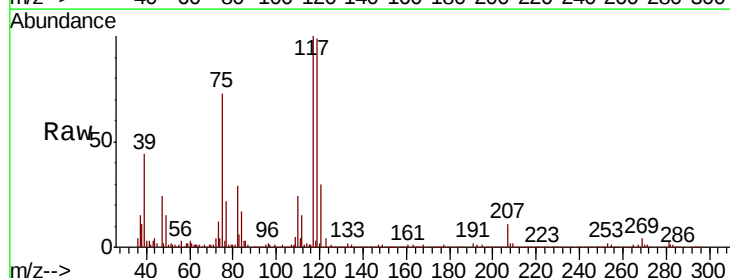
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS02

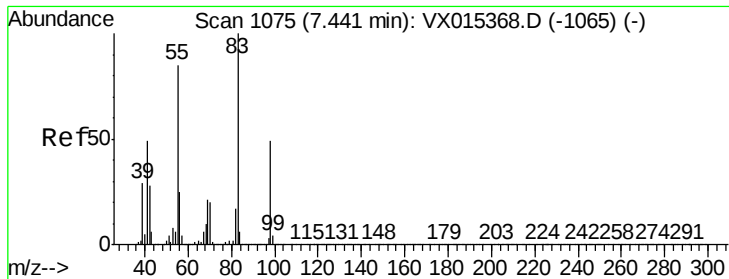
Tot Ion	Ratio	Lower	Upper
43	100		
61	12.2	9.9	14.9
70	10.5	8.1	12.1



#38
Carbon Tetrachloride
Concen: 14.907 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.8	78.0	117.0
121	29.9	23.8	35.8

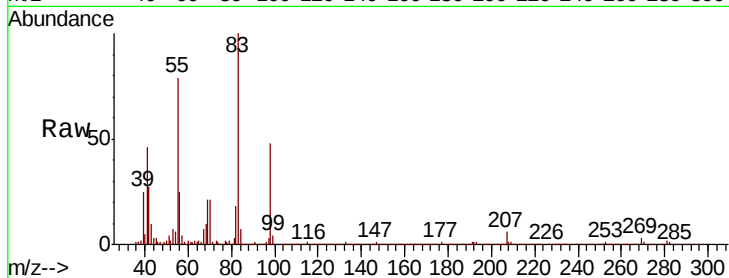




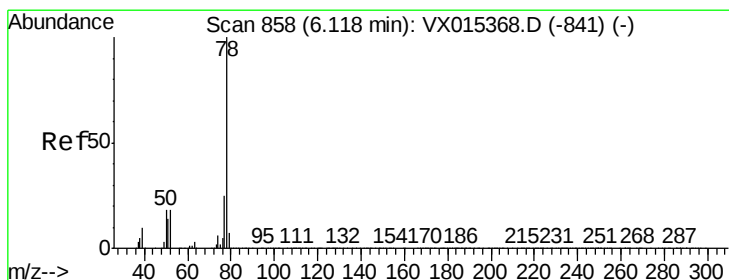
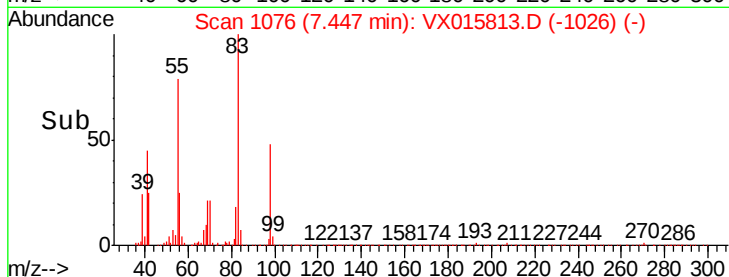
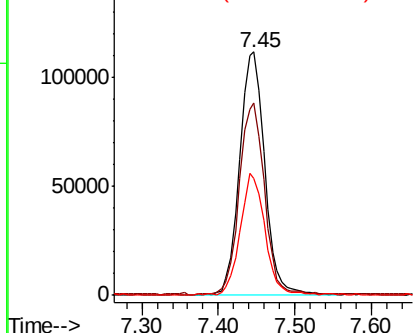
#39
Methvlcvclohexane
Concen: 16.587 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. 0.01 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.6	67.8	101.6
98	47.8	39.3	58.9

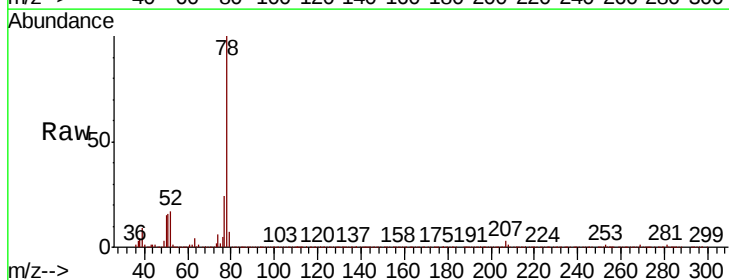


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

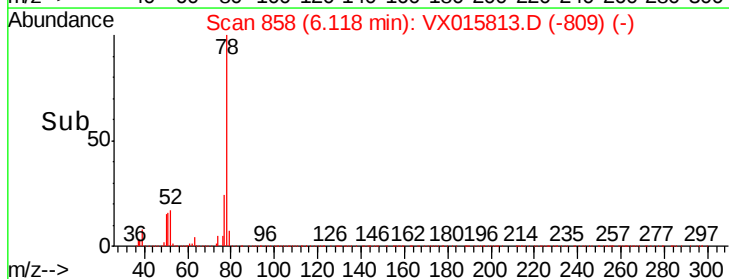
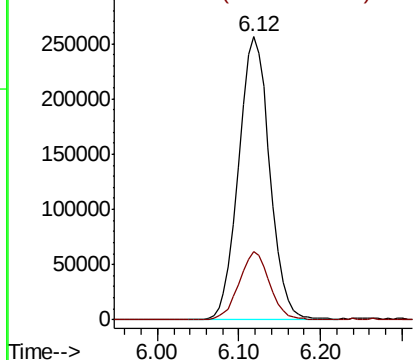


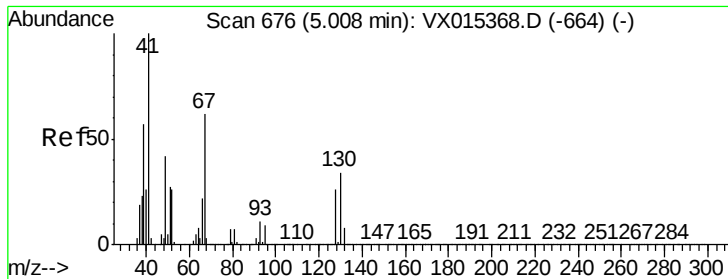
#40
Benzene
Concen: 17.436 ug/l
RT: 6.12 min Scan# 858
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.8	29.8



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

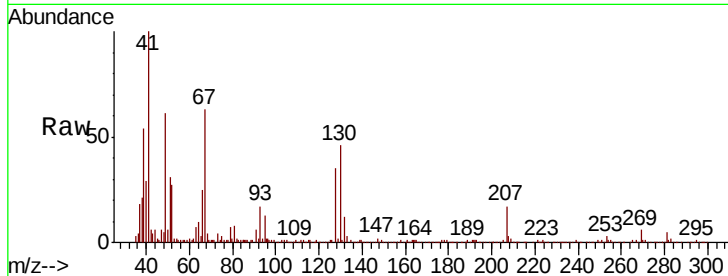




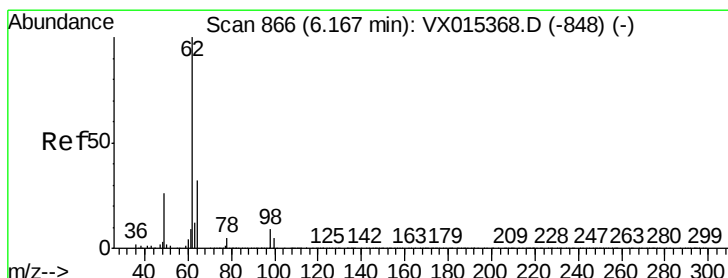
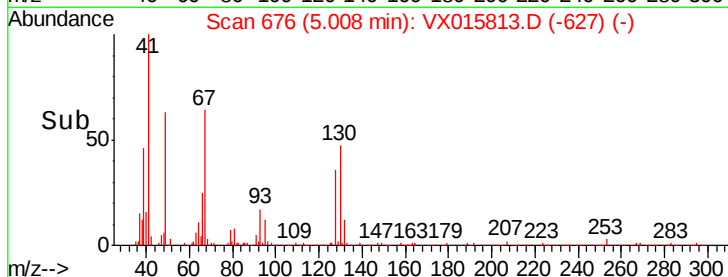
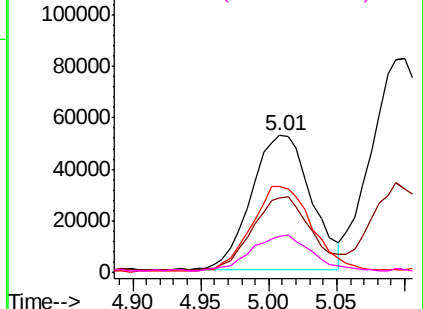
#41
Methacrylonitrile
Concen: 16.856 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS02

Tot Ion:	41	Resp:	161038
Ion	Ratio	Lower	Upper
41	100		
39	53.4	44.5	66.7
67	63.5	48.9	73.3
52	26.6	21.8	32.6

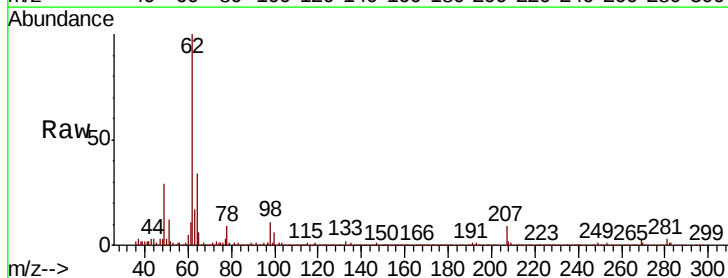


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

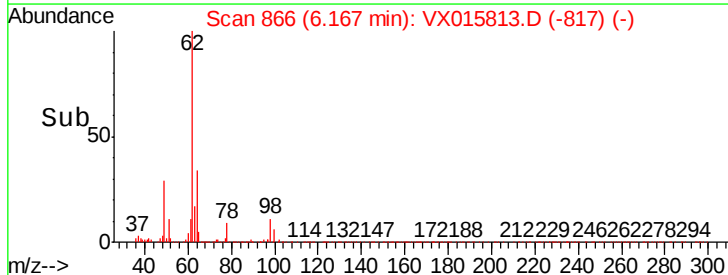
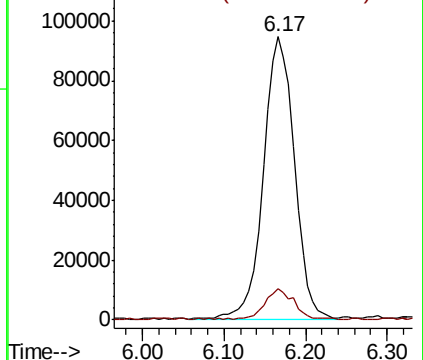


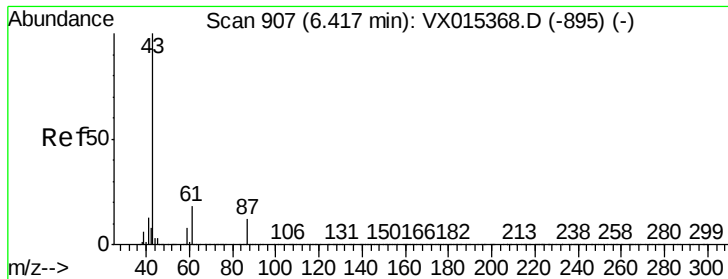
#42
1,2-Dichloroethane
Concen: 16.188 ug/l
RT: 6.17 min Scan# 866
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Tgt Ion:	62	Resp:	251751
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	17.6



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



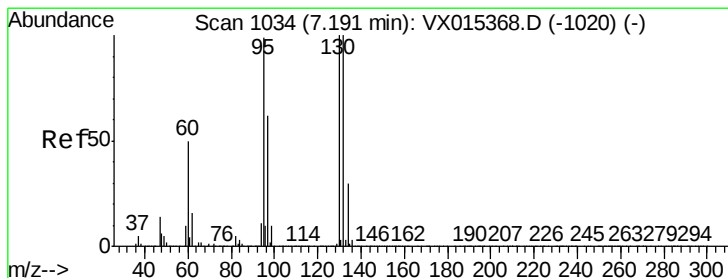
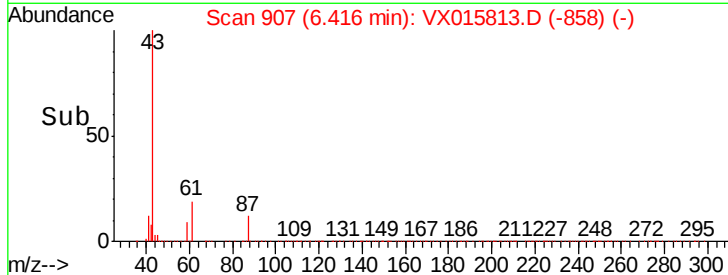
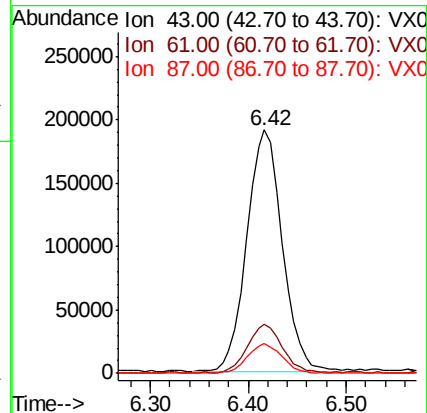
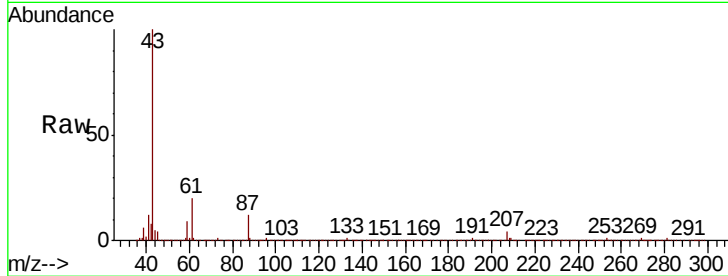


#43

Isopropyl Acetate
 Concen: 16.503 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: VX015813.D
 Acq: 21 Apr 2020 23:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBS02

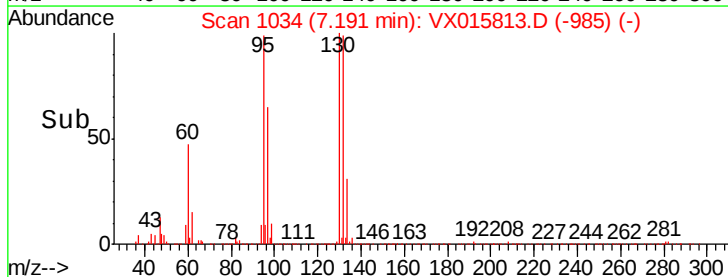
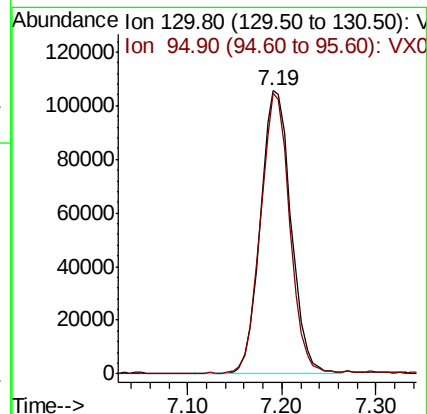
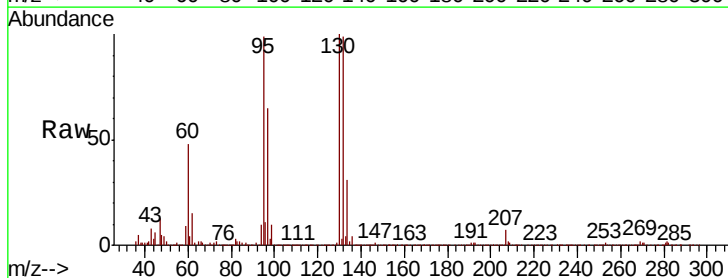
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.4	14.8	22.2
87	11.7	9.4	14.0

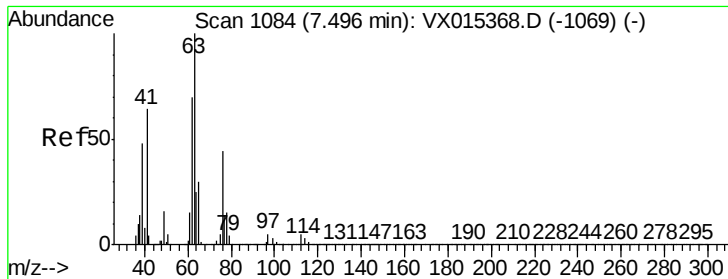


#44

Trichloroethene
 Concen: 22.866 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VX015813.D
 Acq: 21 Apr 2020 23:26

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.0	0.0	199.0

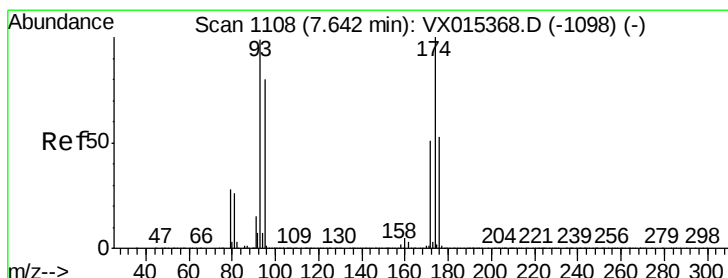
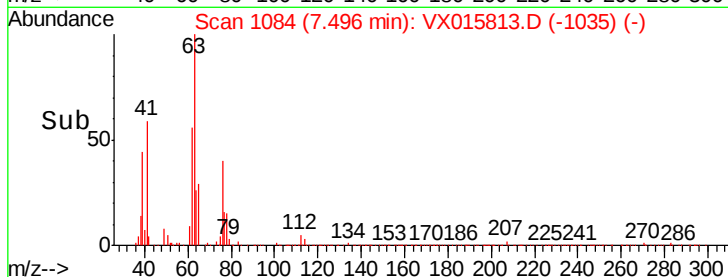
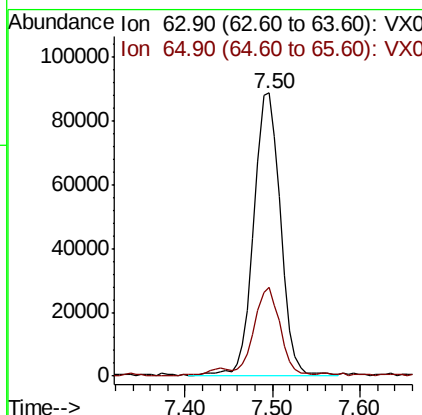
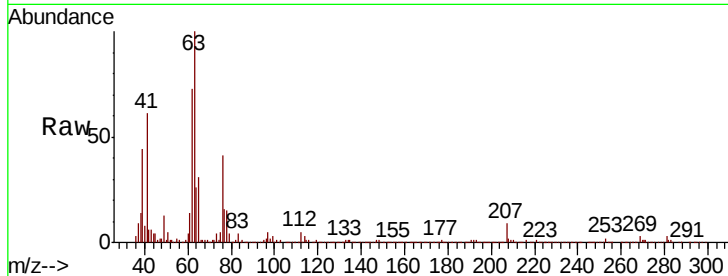




#45
 1,2-Dichloropropane
 Concen: 17.750 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: VX015813.D
 Acq: 21 Apr 2020 23:26

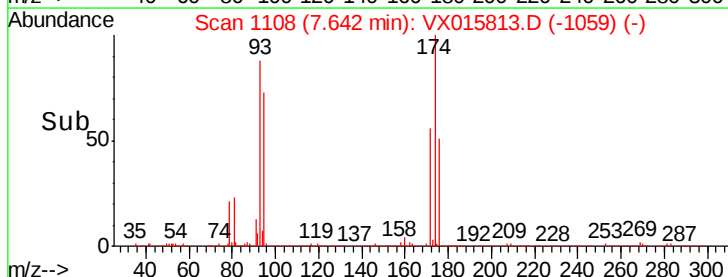
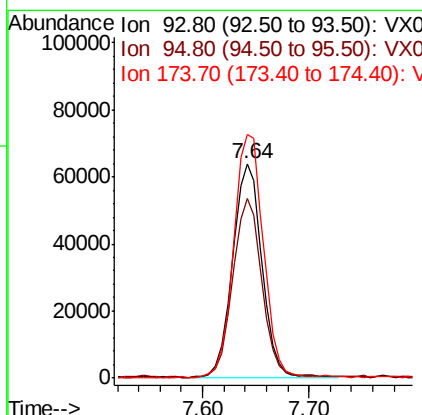
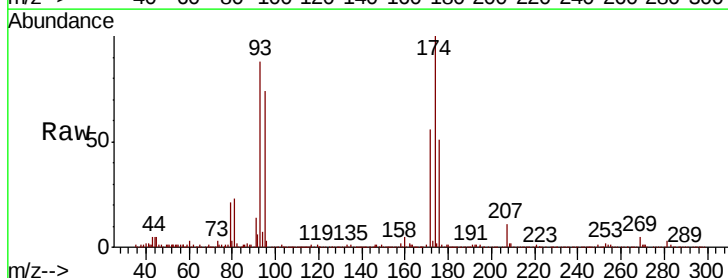
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBS02

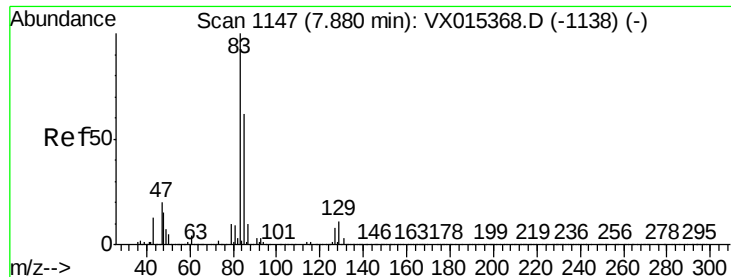
Tot Ion: 63 Resp: 188007
 Ion Ratio Lower Upper
 63 100
 65 30.6 23.9 35.9



#46
 Dibromomethane
 Concen: 17.797 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: VX015813.D
 Acq: 21 Apr 2020 23:26

Tgt Ion: 93 Resp: 123651
 Ion Ratio Lower Upper
 93 100
 95 82.9 65.8 98.8
 174 114.7 86.2 129.2





#47

Bromodichloromethane

Concen: 16.660 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. -0.00 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBS02

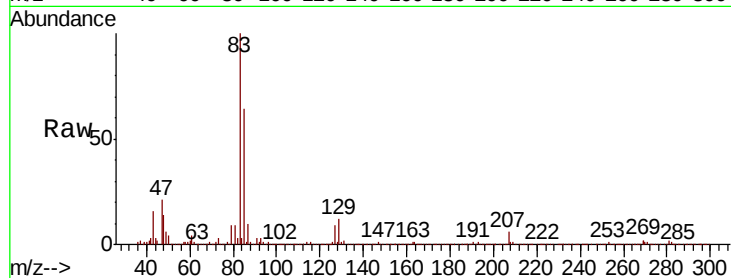
Tot Ion: 83 Resp: 246648

Ion Ratio Lower Upper

83 100

85 64.0 49.7 74.5

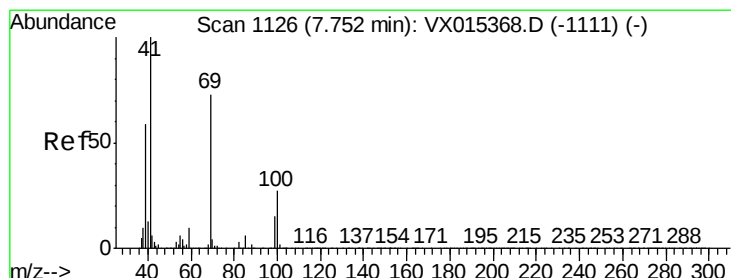
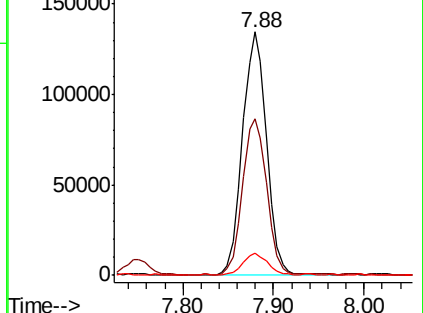
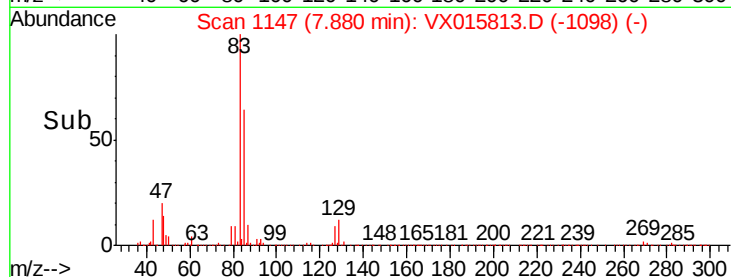
127 8.8 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 16.311 ug/l

RT: 7.75 min Scan# 1126

Delta R.T. -0.00 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

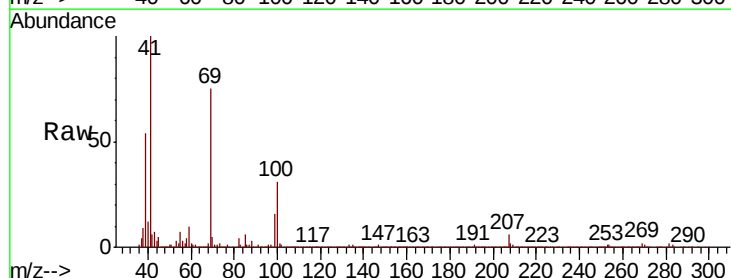
Tgt Ion: 41 Resp: 236701

Ion Ratio Lower Upper

41 100

69 75.9 56.7 85.1

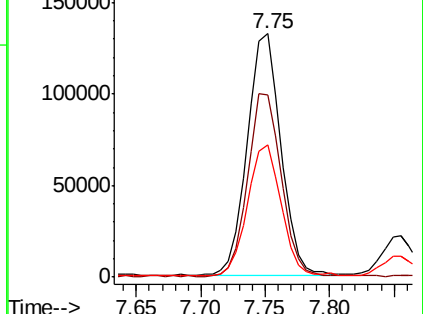
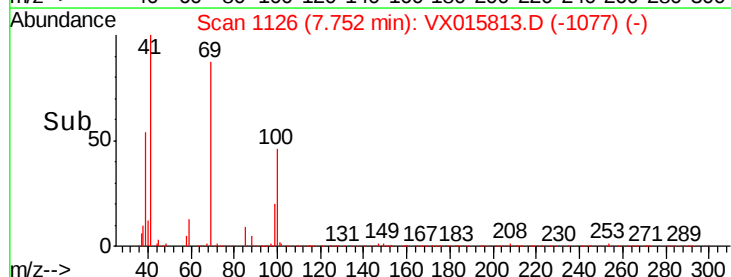
39 54.6 46.5 69.7

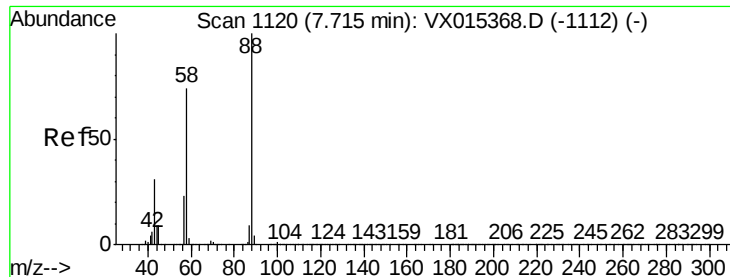


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

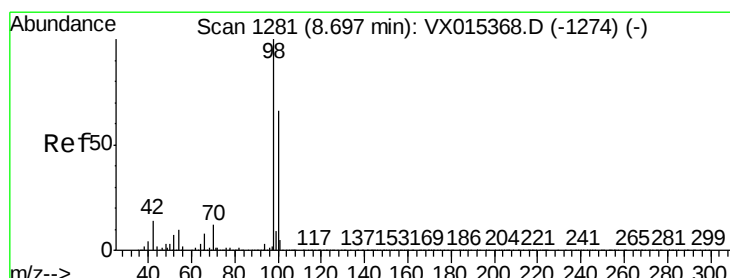
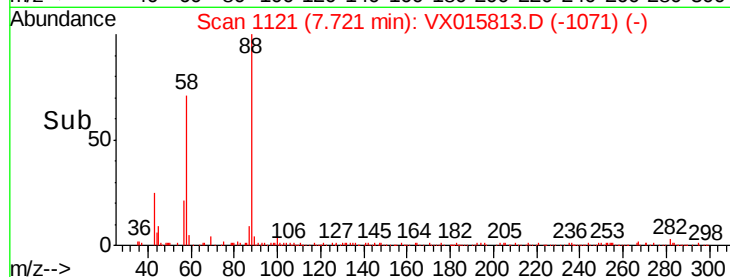
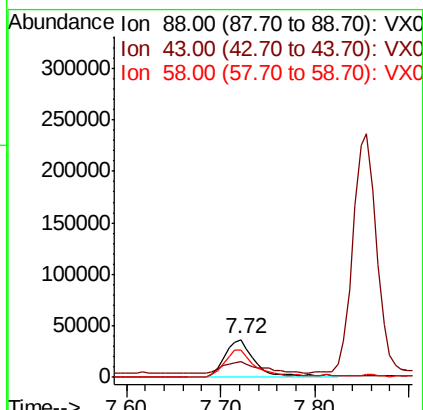
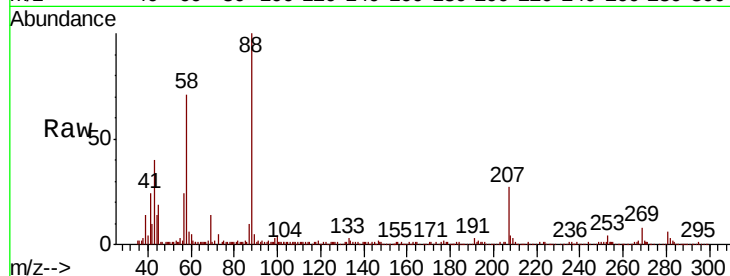




#49
1,4-Dioxane
Concen: 299.951 ug/l
RT: 7.72 min Scan# 1121
Delta R.T. 0.01 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

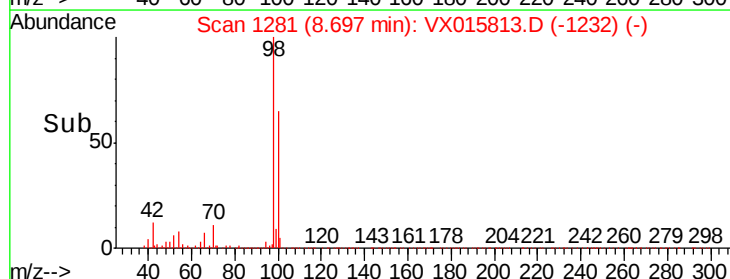
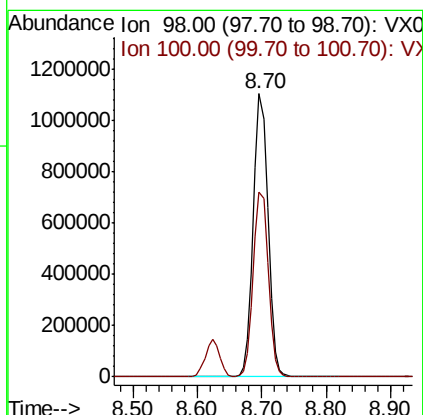
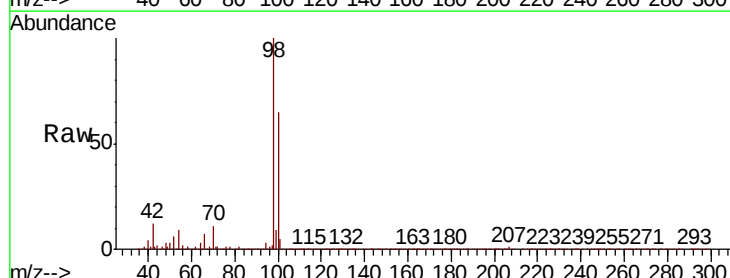
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS02

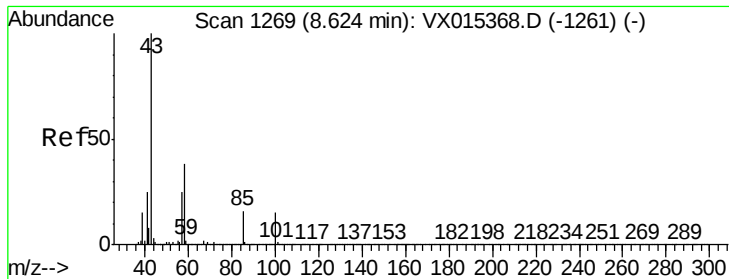
Tot Ion	Ratio	Lower	Upper
88	100		
43	38.8	30.1	45.1
58	75.0	60.6	90.8



#50
Toluene-d8
Concen: 50.329 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.5	80.3





#51

4-Methyl-2-Pentanone

Concen: 88.174 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Instrument :

MSVOA_X

ClientSampled :

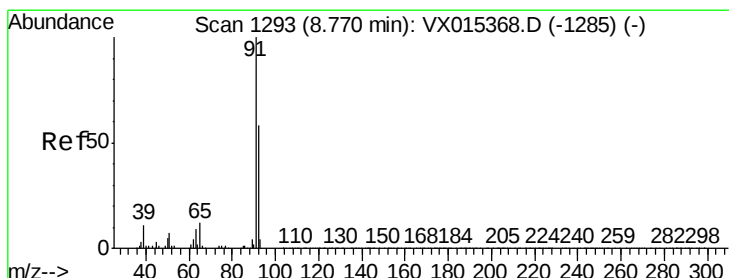
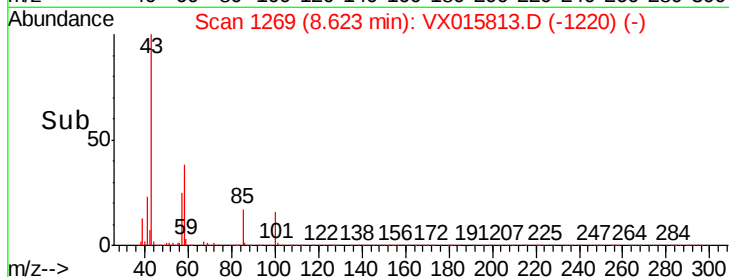
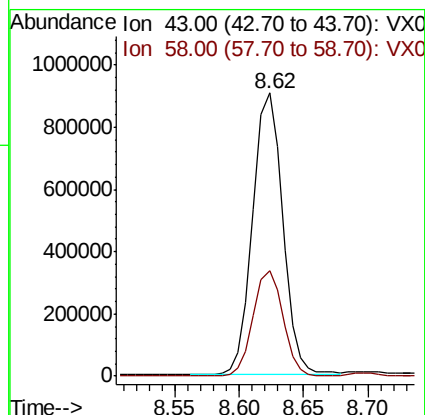
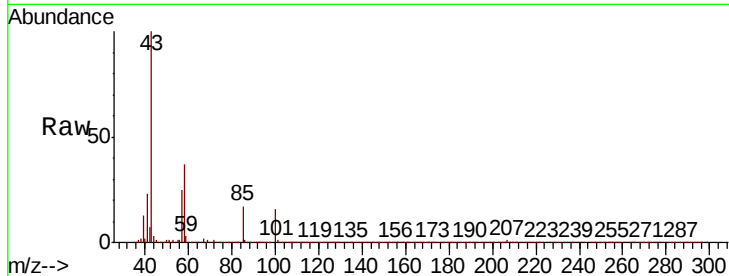
VX0421WBS02

Tot Ion: 43 Resp: 1451763

Ion Ratio Lower Upper

43 100

58 37.5 29.7 44.5



#52

Toluene

Concen: 18.402 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX015813.D

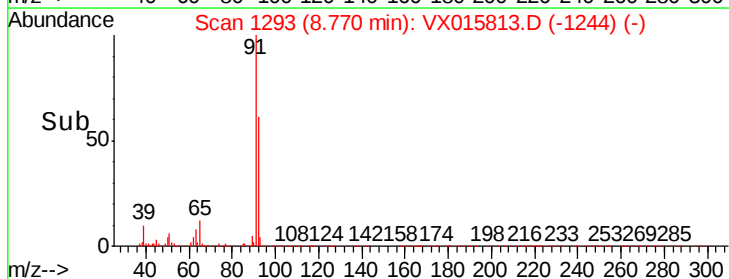
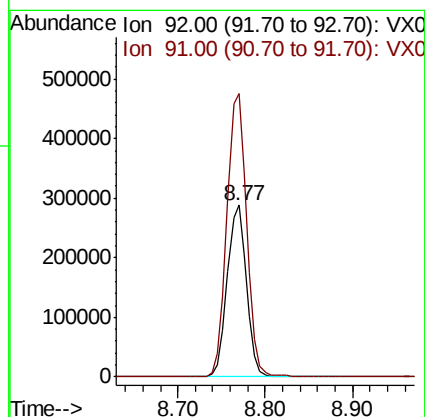
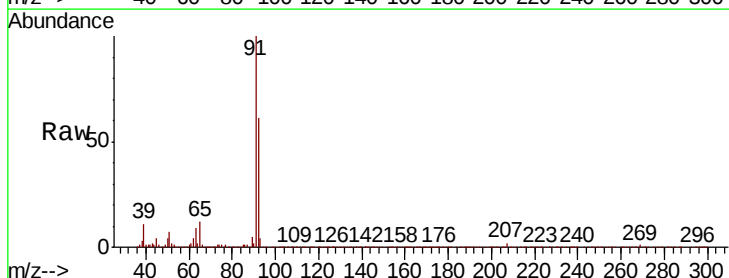
Acq: 21 Apr 2020 23:26

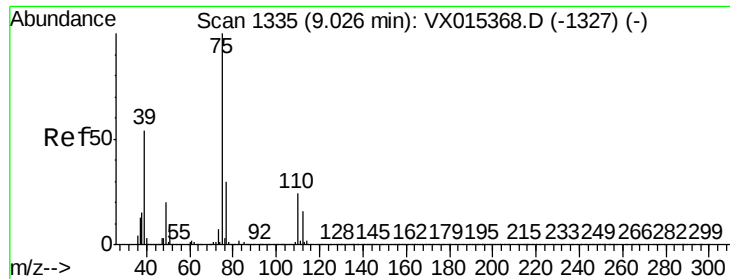
Tgt Ion: 92 Resp: 439277

Ion Ratio Lower Upper

92 100

91 168.7 136.6 205.0

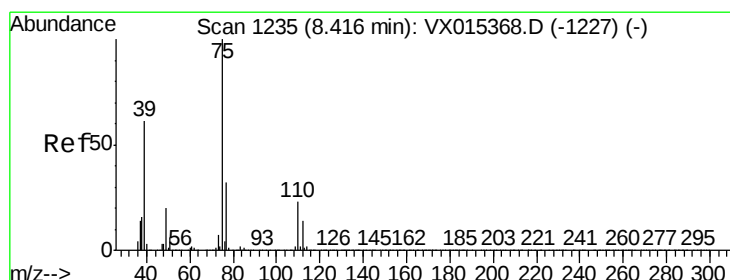
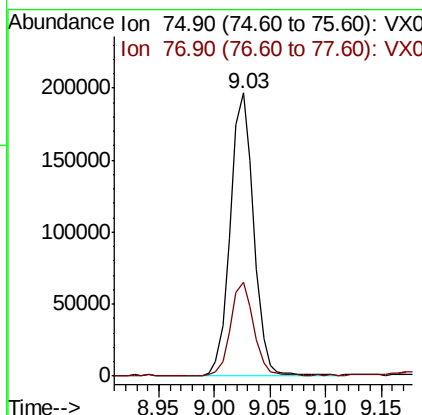
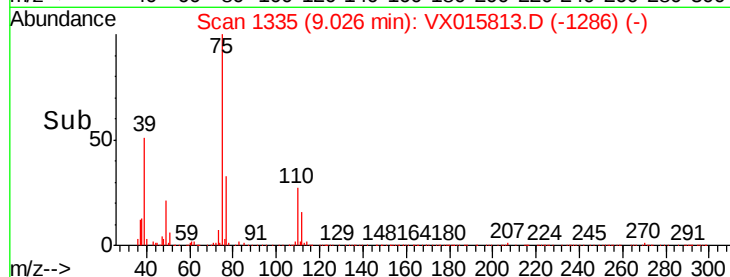
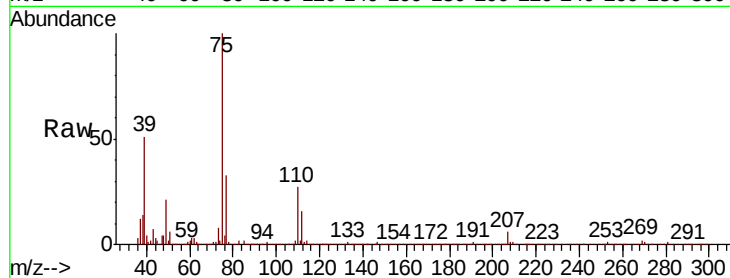




#53
t-1,3-Dichloropropene
Concen: 16.333 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

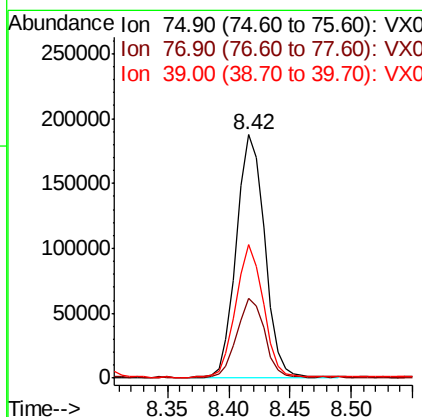
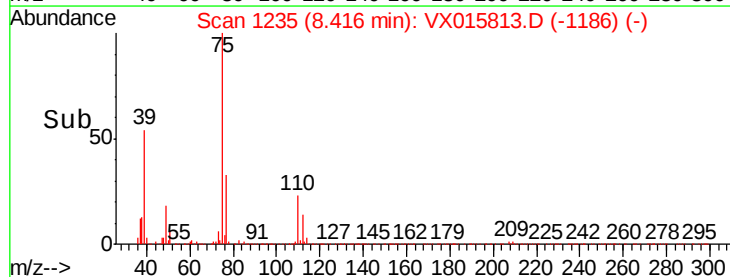
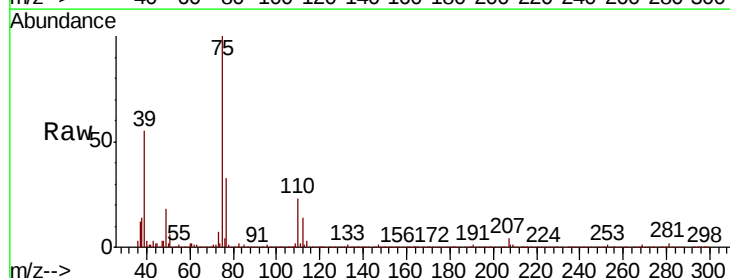
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS02

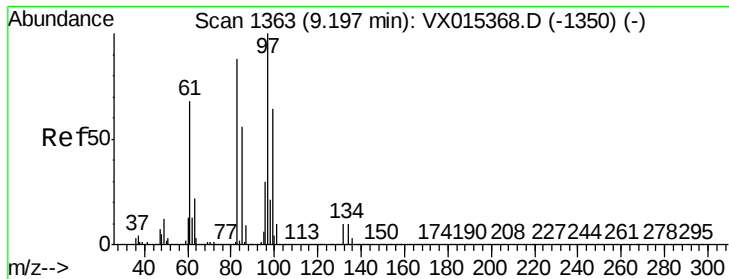
Tot Ion: 75 Resp: 283589
Ion Ratio Lower Upper
75 100
77 33.0 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 17.022 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Tgt Ion: 75 Resp: 301061
Ion Ratio Lower Upper
75 100
77 32.8 25.8 38.6
39 54.3 49.0 73.4





#55

1,1,2-Trichloroethane

Concen: 18.620 ug/l

RT: 9.20 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBS02

Tot Ion: 97 Resp: 182097

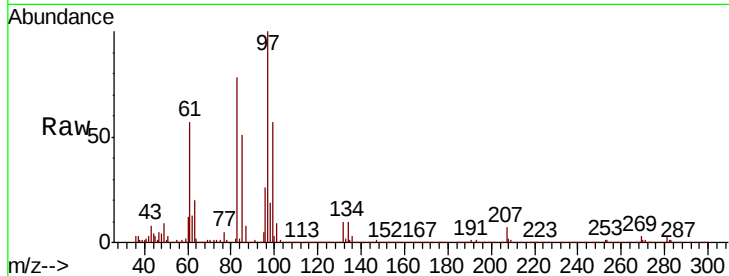
Ion Ratio Lower Upper

97 100

83 77.6 70.2 105.4

85 50.9 44.7 67.1

99 56.5 51.1 76.7

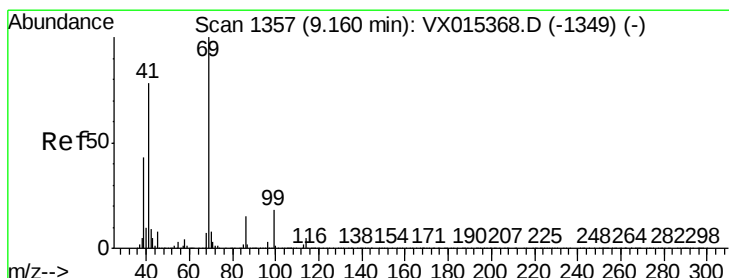
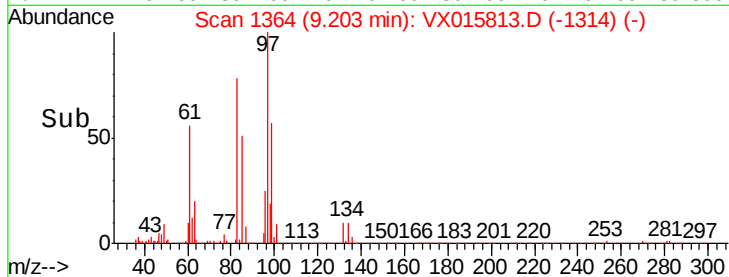
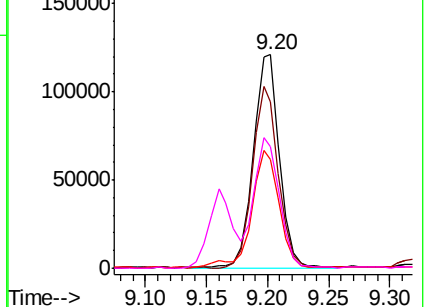


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 17.861 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.00 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

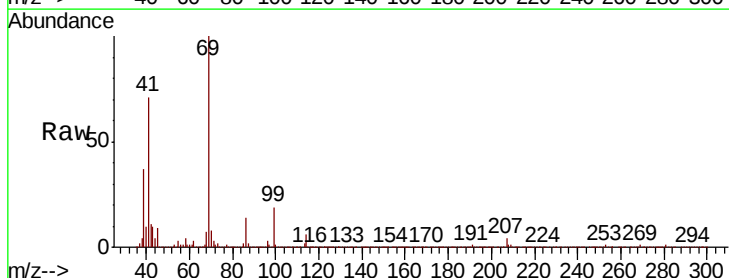
Tgt Ion: 69 Resp: 307848

Ion Ratio Lower Upper

69 100

41 73.2 61.6 92.4

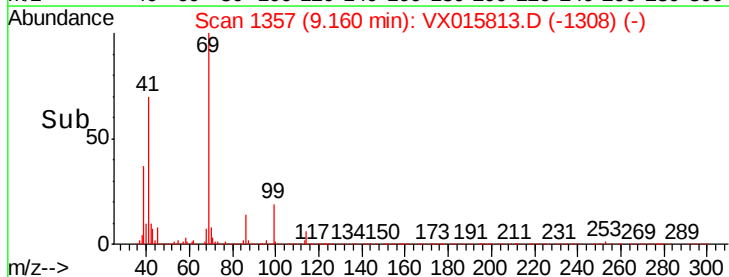
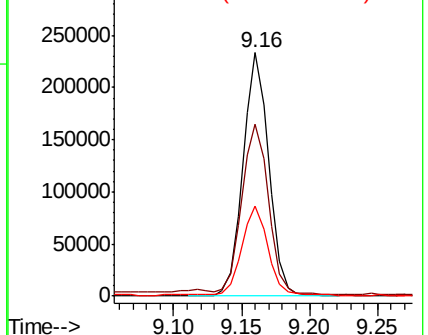
39 38.0 34.0 51.0

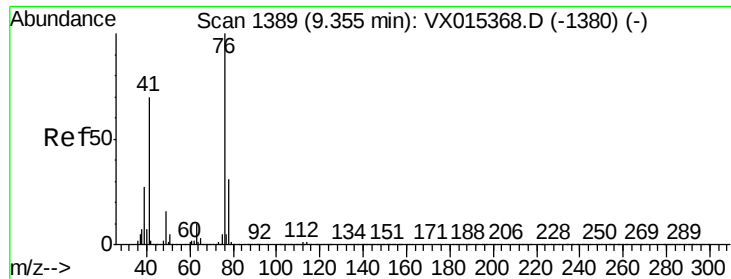


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 17.633 ug/l

RT: 9.35 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Instrument :

MSVOA_X

ClientSampleId :

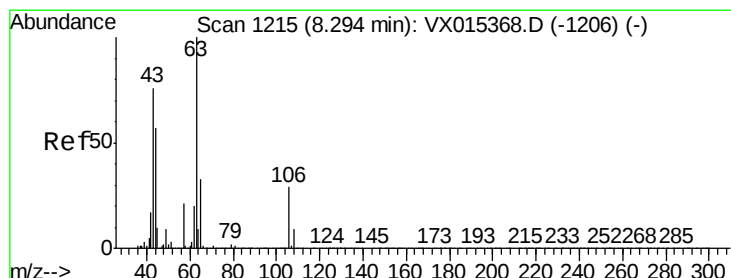
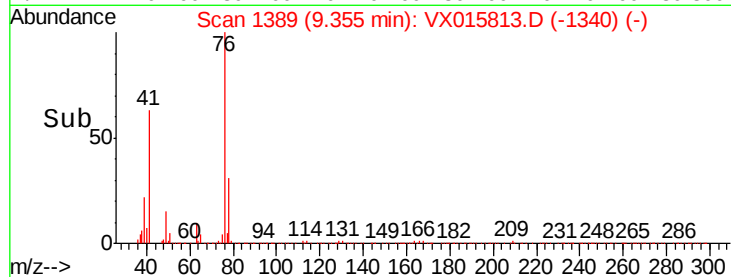
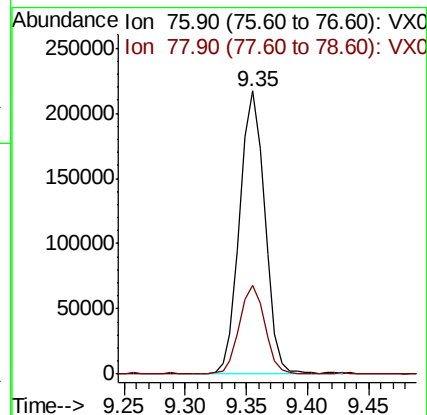
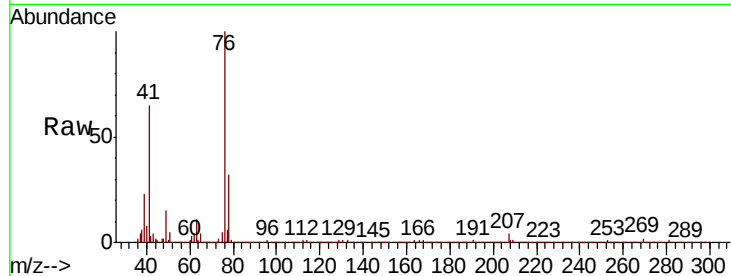
VX0421WBS02

Tot Ion: 76 Resp: 310706

Ion Ratio Lower Upper

76 100

78 31.0 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 88.738 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. -0.00 min

Lab File: VX015813.D

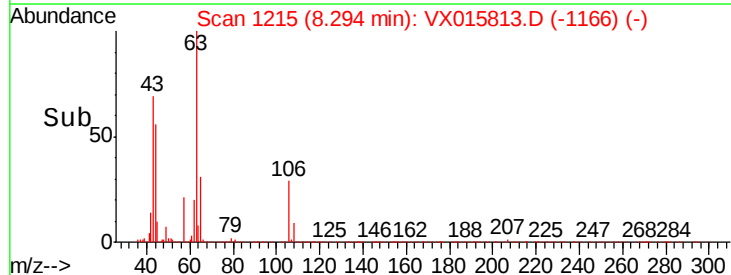
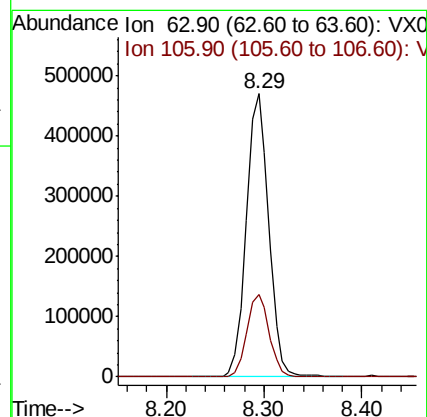
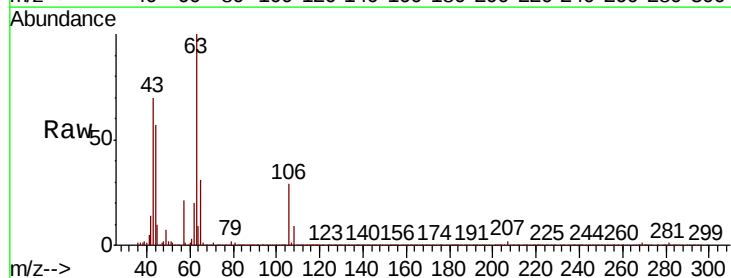
Acq: 21 Apr 2020 23:26

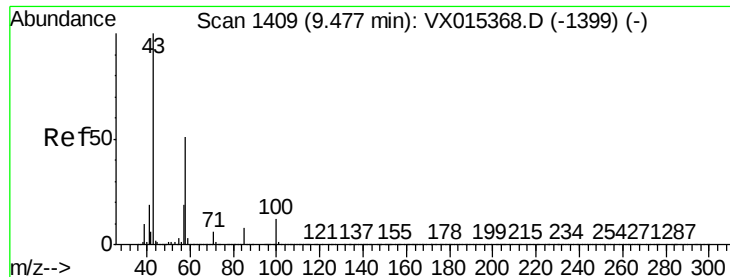
Tgt Ion: 63 Resp: 743938

Ion Ratio Lower Upper

63 100

106 29.2 22.7 34.1

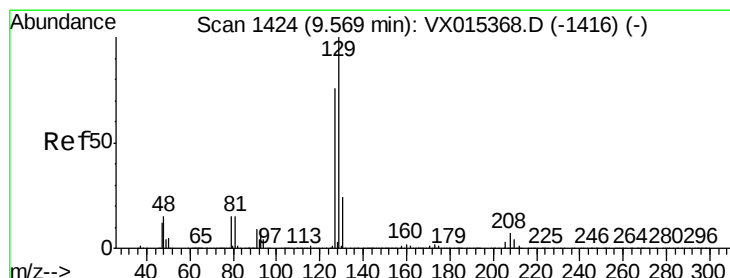
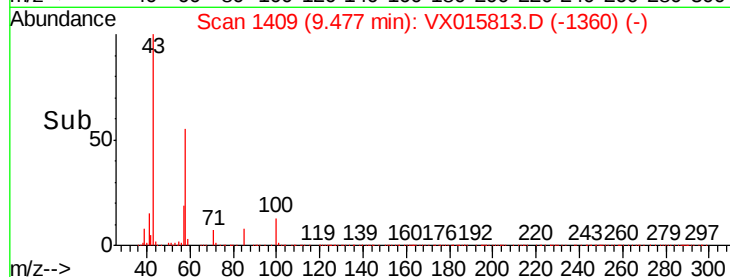
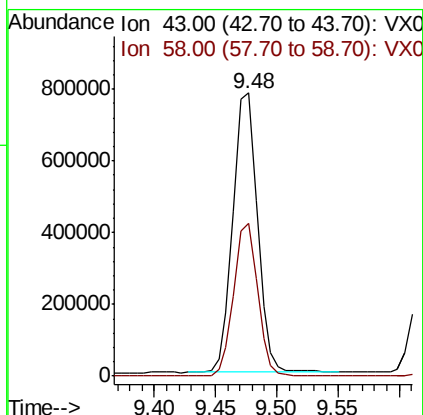
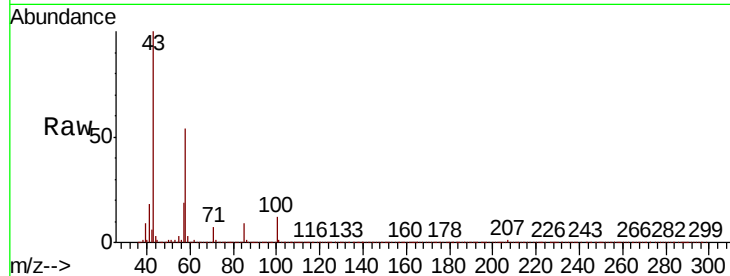




#59
2-Hexanone
Concen: 87.218 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

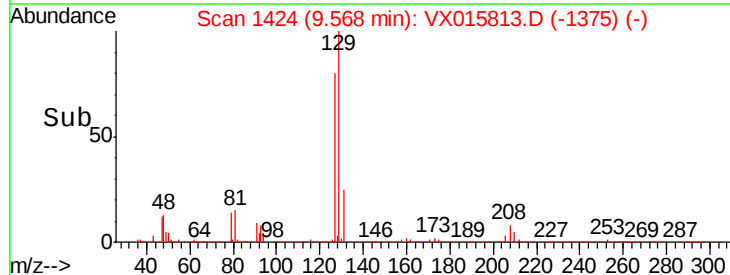
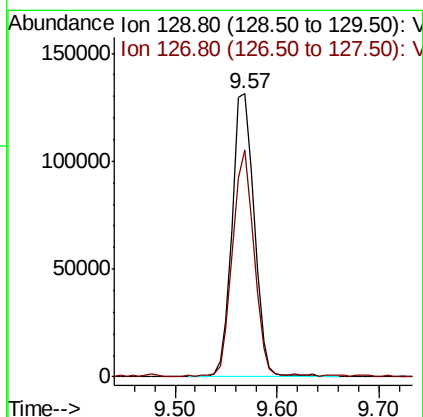
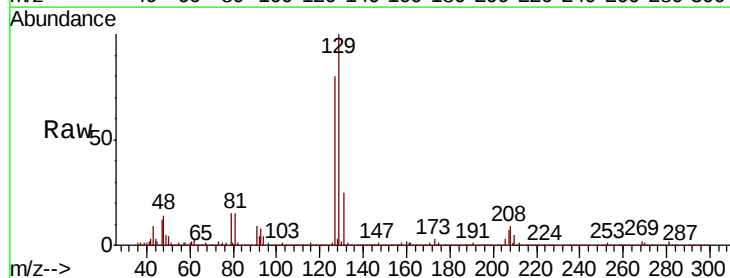
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS02

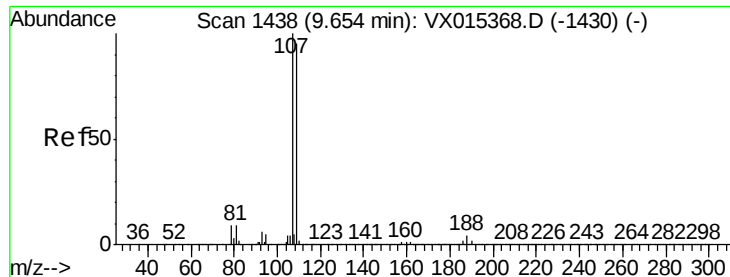
Tot Ion: 43 Resp: 1084160
Ion Ratio Lower Upper
43 100
58 53.4 25.6 76.6



#60
Dibromochloromethane
Concen: 16.682 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Tgt Ion: 129 Resp: 196047
Ion Ratio Lower Upper
129 100
127 77.3 38.2 114.6





#61

1,2-Dibromoethane

Concen: 17.997 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. -0.00 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Instrument :

MSVOA_X

ClientSampleId :

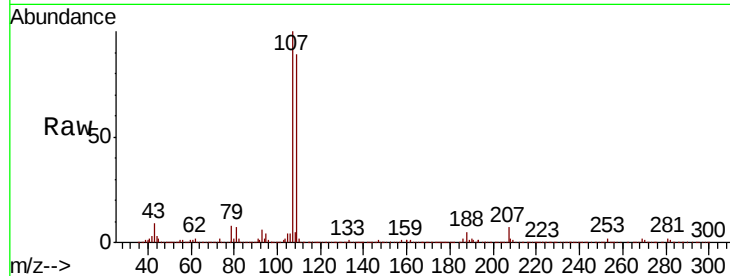
VX0421WBS02

Tot Ion: 107 Resp: 191377

Ion Ratio Lower Upper

107 100

109 92.0 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

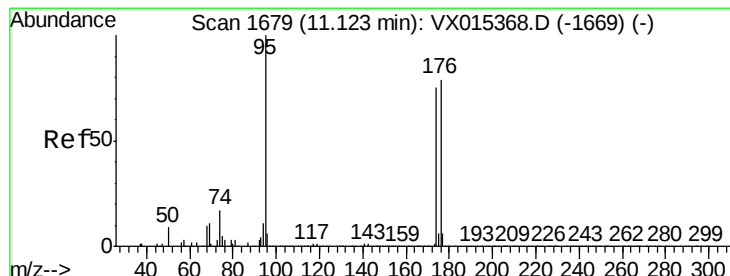
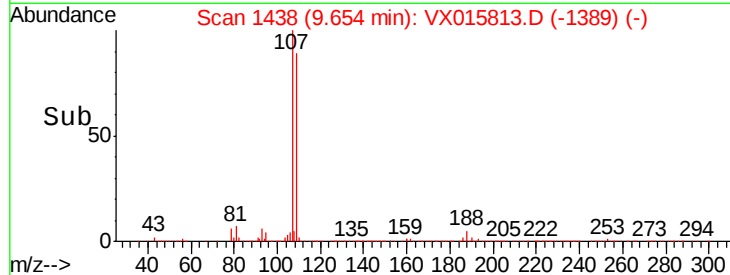
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.039 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

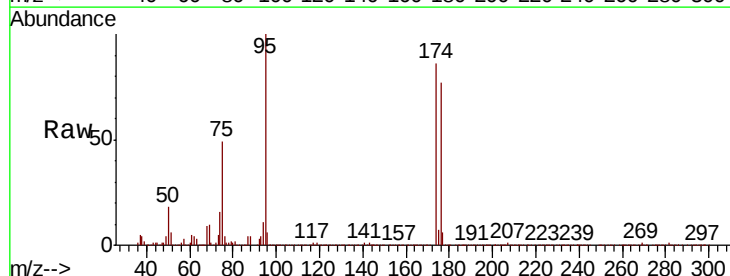
Tgt Ion: 95 Resp: 686570

Ion Ratio Lower Upper

95 100

174 87.0 0.0 158.6

176 81.2 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

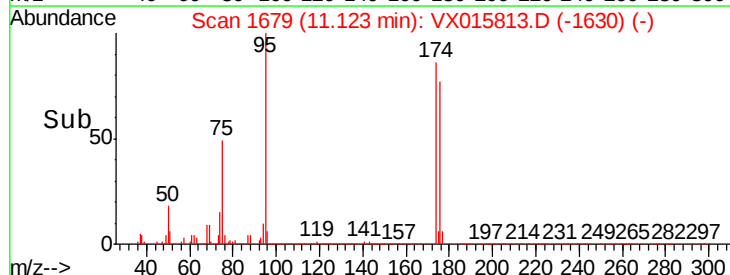
600000

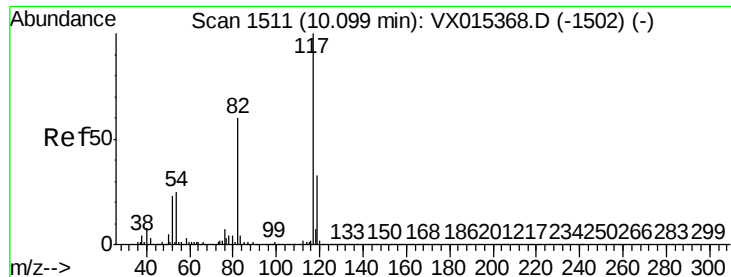
400000

200000

0

Time-->

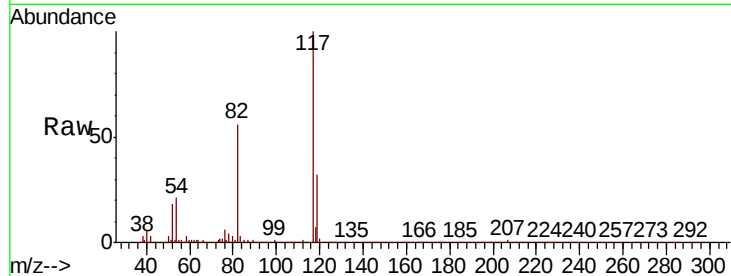




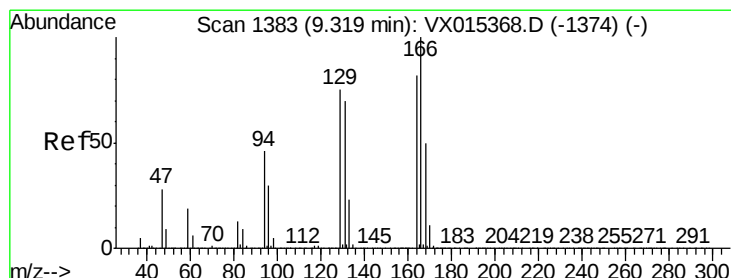
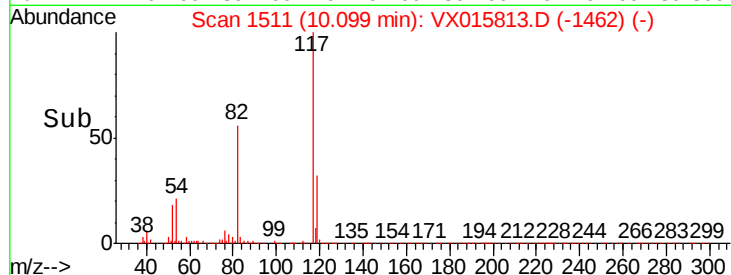
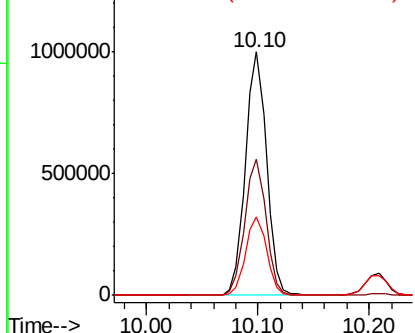
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Instrument :
MSVOA_X
ClientSampled :
VX0421WBS02

Tot Ion:117 Resp: 1317756
Ion Ratio Lower Upper
117 100
82 56.0 47.8 71.8
119 32.0 26.8 40.2

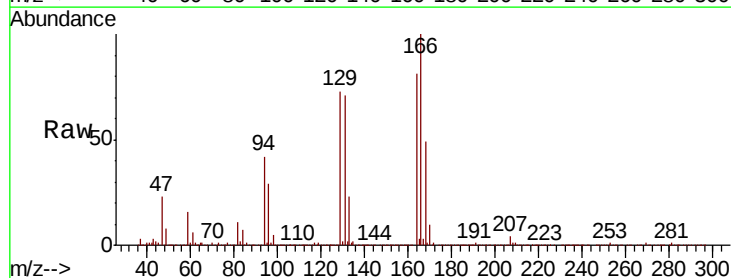


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

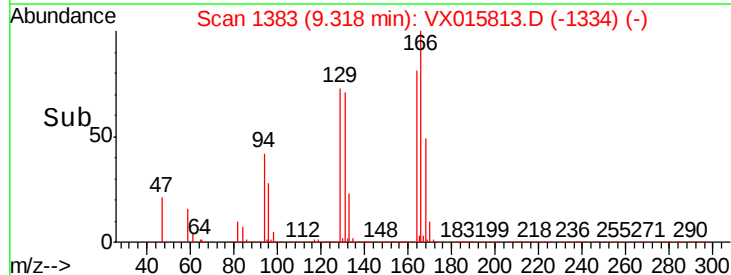
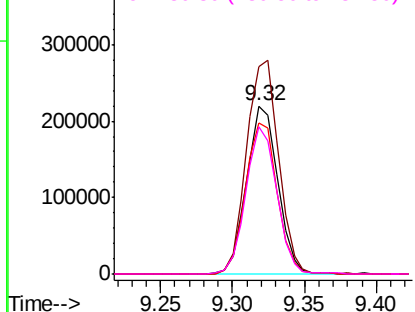


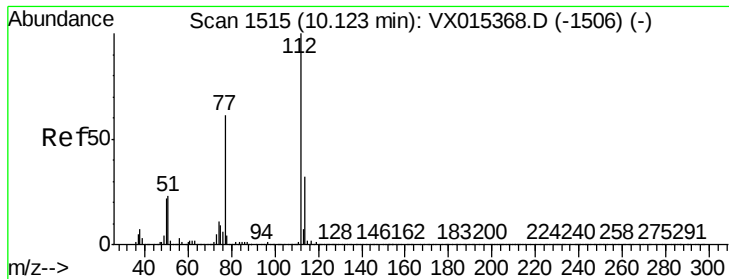
#64
Tetrachloroethene
Concen: 32.888 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Tgt Ion:164 Resp: 327066
Ion Ratio Lower Upper
164 100
166 123.7 97.8 146.6
129 90.2 73.0 109.4
131 87.3 68.6 103.0



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 18.522 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Instrument :

MSVOA_X

ClientSampleId :

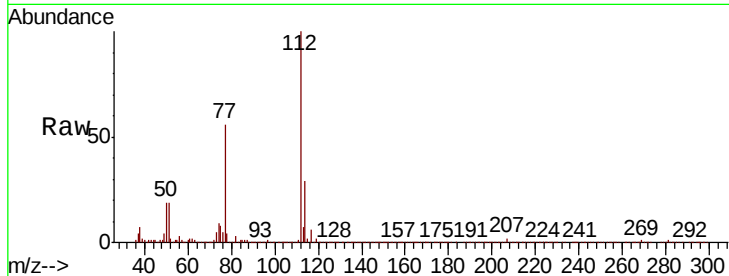
VX0421WBS02

Tot Ion:112 Resp: 486759

Ion Ratio Lower Upper

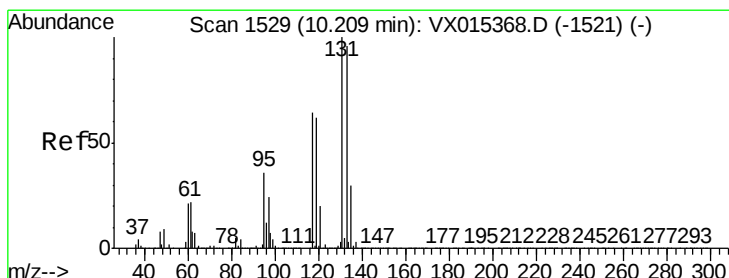
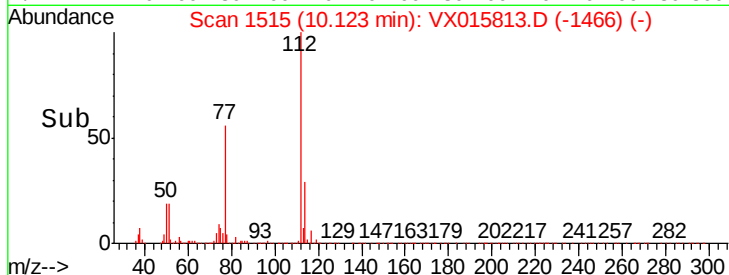
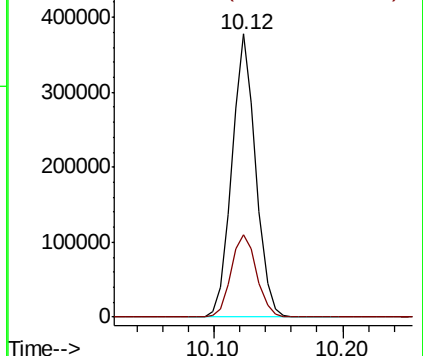
112 100

114 29.2 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: 17.912 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. -0.00 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

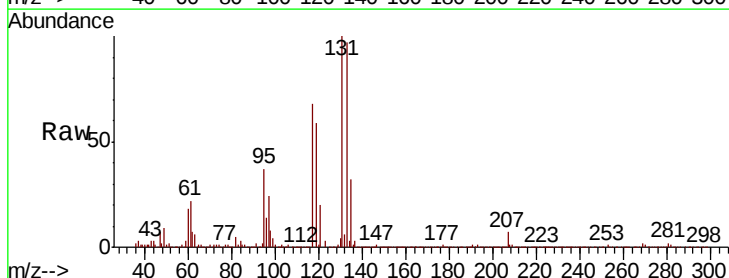
Tgt Ion:131 Resp: 188060

Ion Ratio Lower Upper

131 100

133 95.6 47.6 142.9

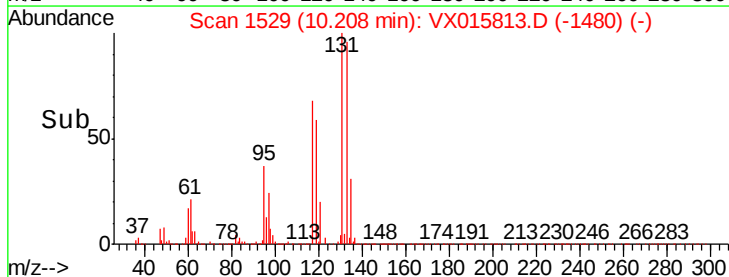
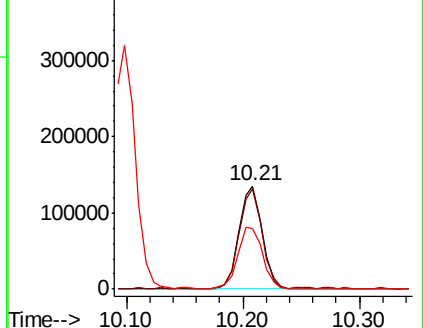
119 62.6 31.1 93.3

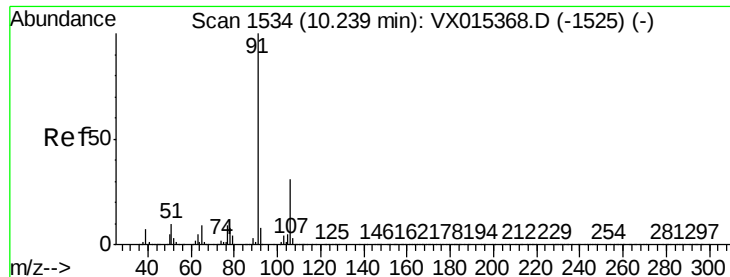


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.041 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Instrument :

MSVOA_X

ClientSampled :

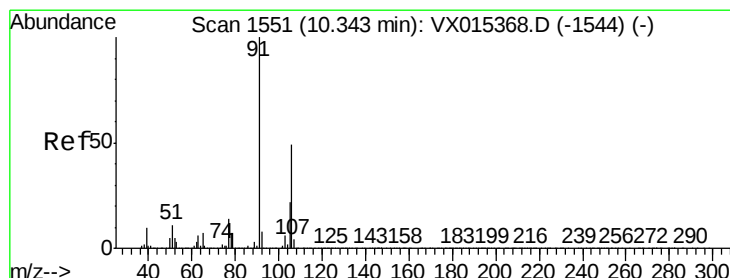
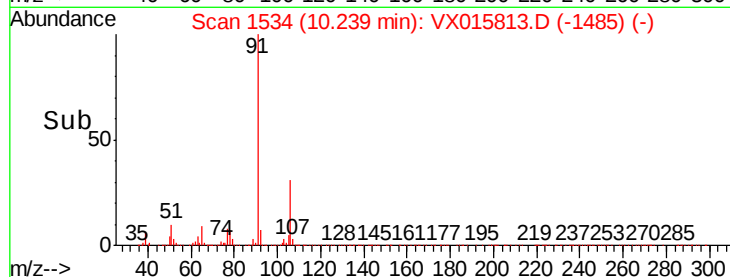
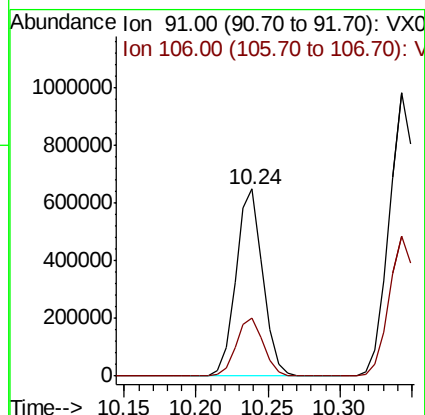
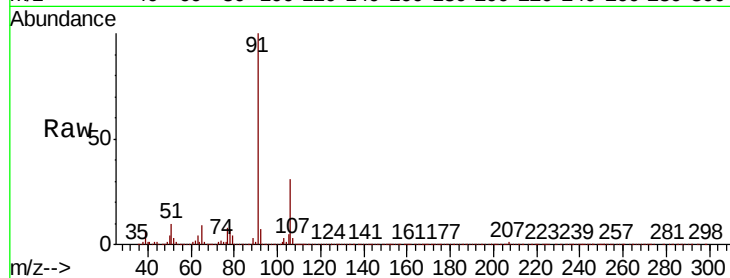
VX0421WBS02

Tot Ion: 91 Resp: 840896

Ion Ratio Lower Upper

91 100

106 30.8 24.8 37.2



#68

m/p-Xylenes

Concen: 36.654 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. -0.00 min

Lab File: VX015813.D

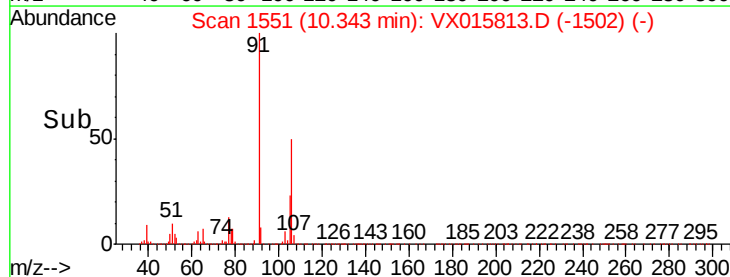
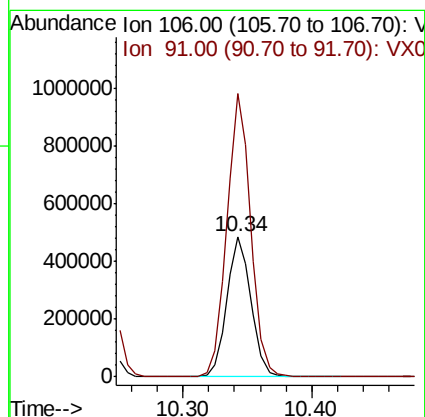
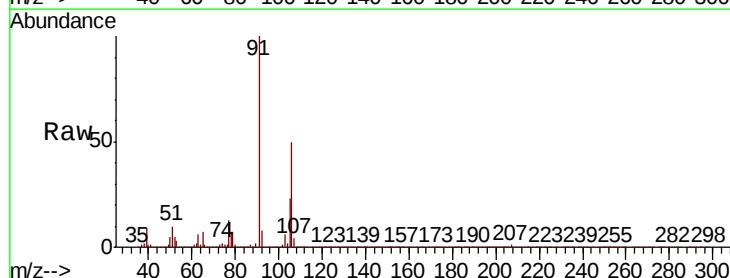
Acq: 21 Apr 2020 23:26

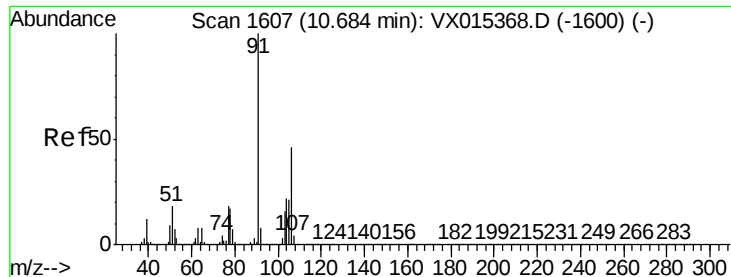
Tgt Ion:106 Resp: 636173

Ion Ratio Lower Upper

106 100

91 200.7 163.4 245.0

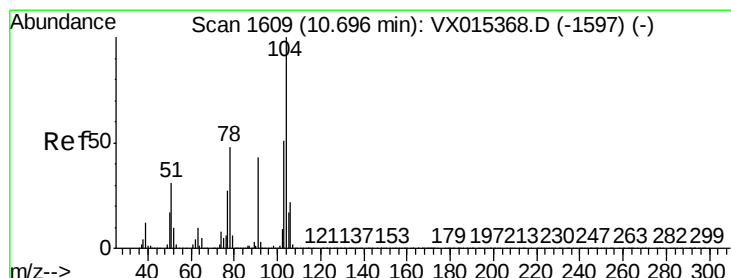
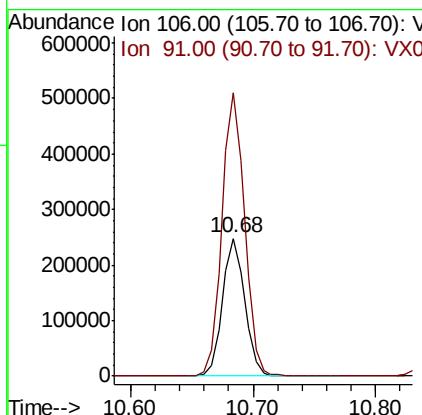
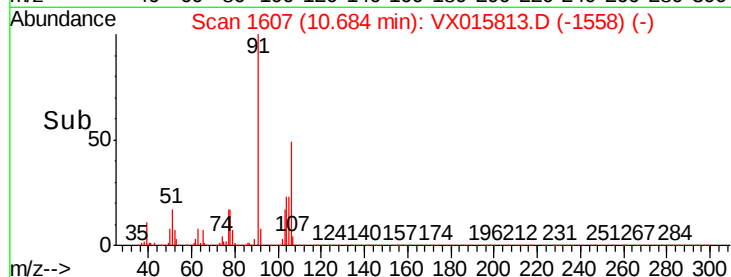
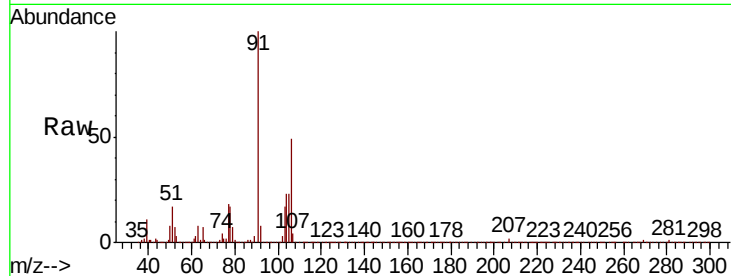




#69
o-Xylene
Concen: 18.217 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

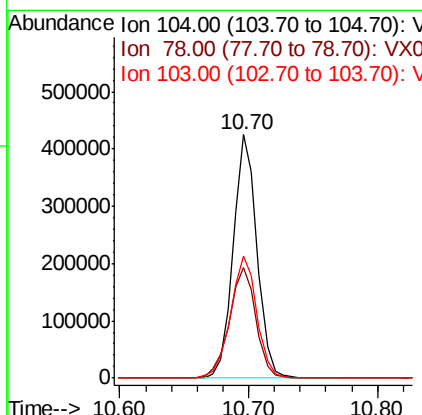
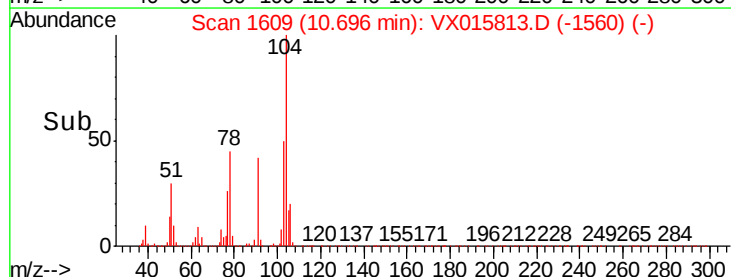
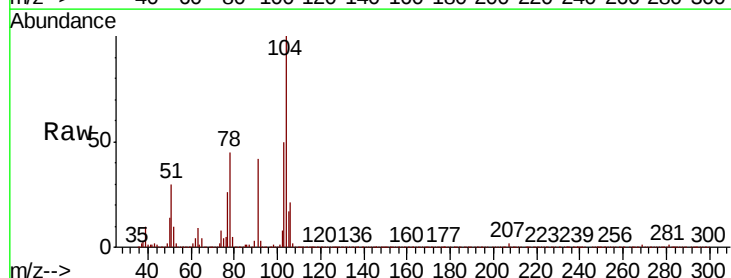
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS02

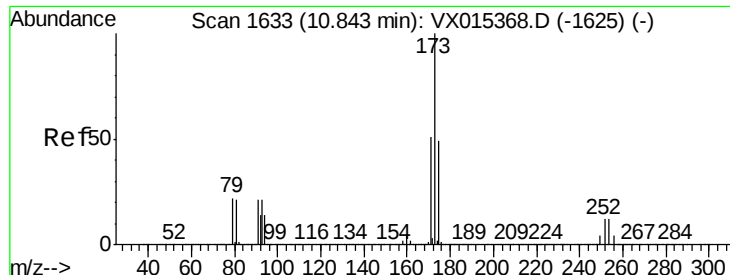
Tot Ion:106 Resp: 312426
Ion Ratio Lower Upper
106 100
91 208.7 107.1 321.3



#70
Styrene
Concen: 18.048 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Tgt Ion:104 Resp: 544673
Ion Ratio Lower Upper
104 100
78 50.7 42.0 63.0
103 55.3 43.4 65.0

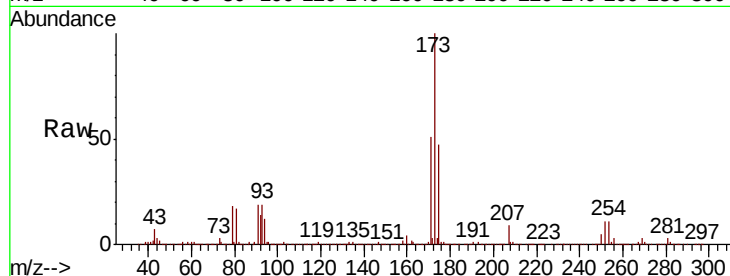




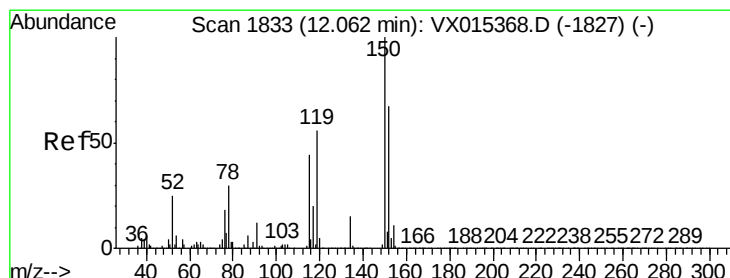
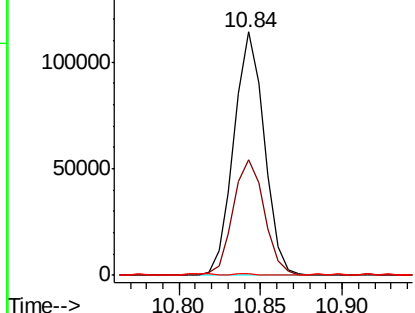
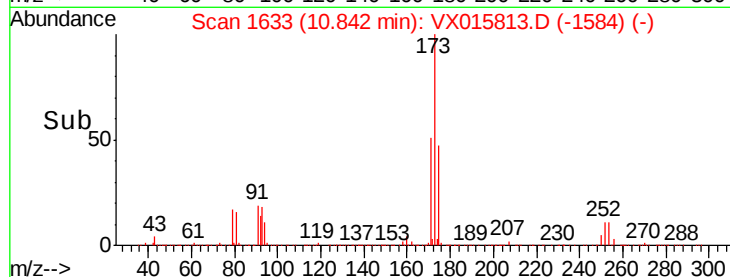
#71
Bromoform
Concen: 15.480 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS02

Tot Ion:173 Resp: 147953
Ion Ratio Lower Upper
173 100
175 48.6 23.9 71.7
254 0.4 0.1 0.1#

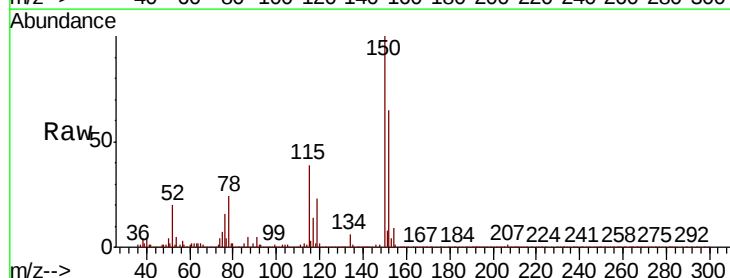


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

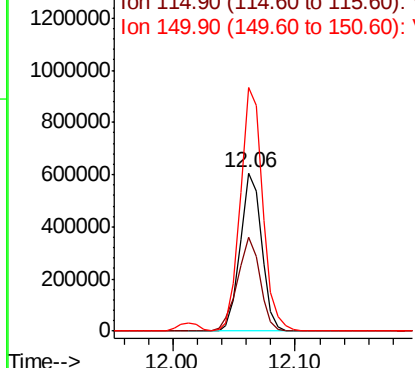
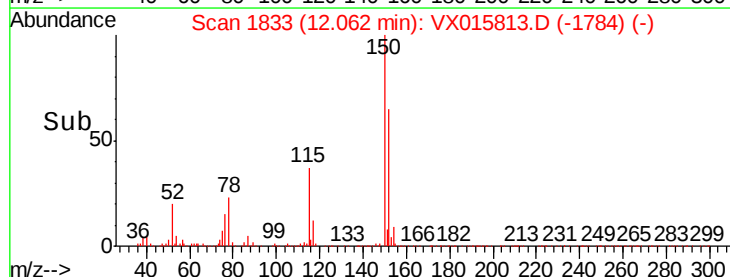


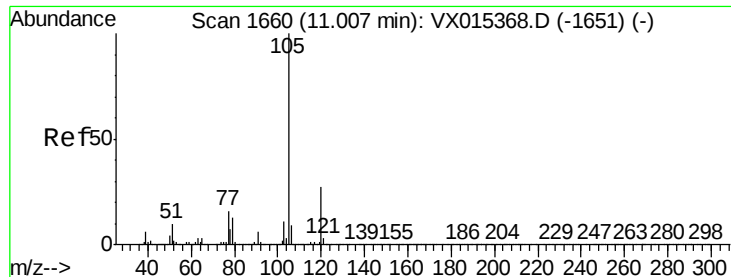
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Tgt Ion:152 Resp: 727898
Ion Ratio Lower Upper
152 100
115 63.0 39.0 116.9
150 160.7 0.0 340.8



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





#73

Isopropylbenzene

Concen: 17.569 ug/l

RT: 11.01 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Instrument :

MSVOA_X

ClientSampleId :

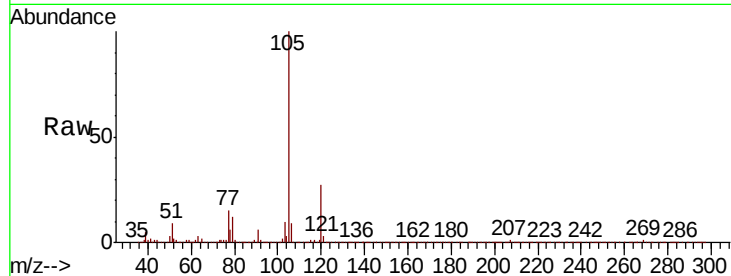
VX0421WBS02

Tot Ion: 105 Resp: 837912

Ion Ratio Lower Upper

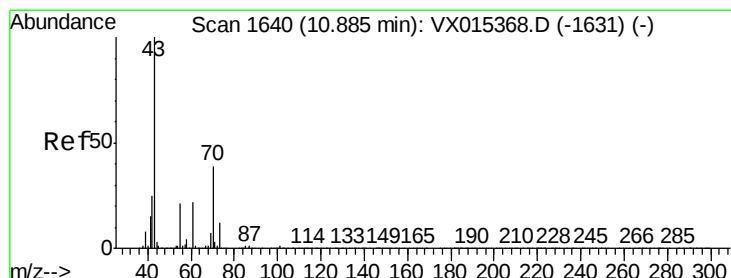
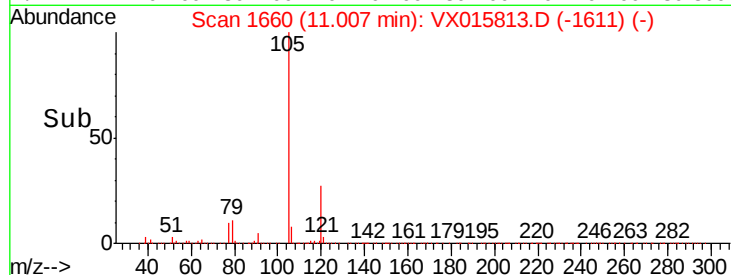
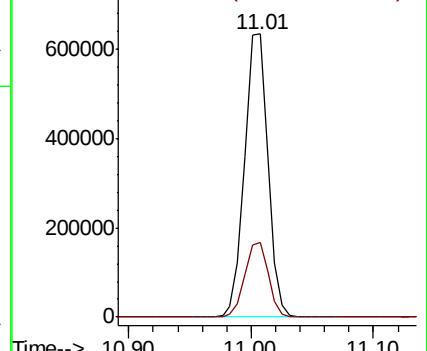
105 100

120 26.8 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.576 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Tgt Ion: 43 Resp: 439699

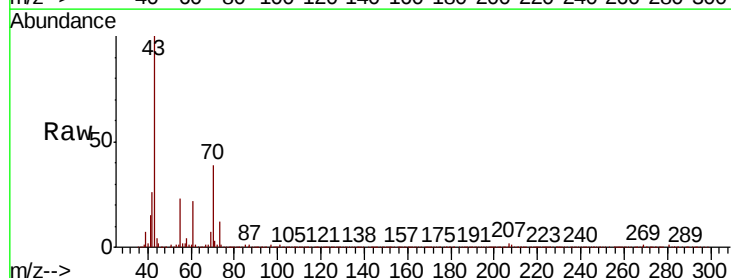
Ion Ratio Lower Upper

43 100

70 39.9 30.2 45.4

55 22.5 16.8 25.2

61 23.4 18.2 27.2

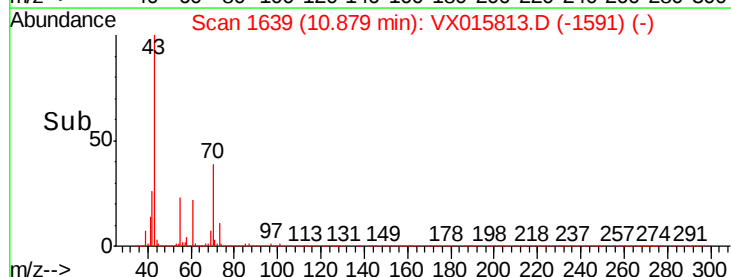
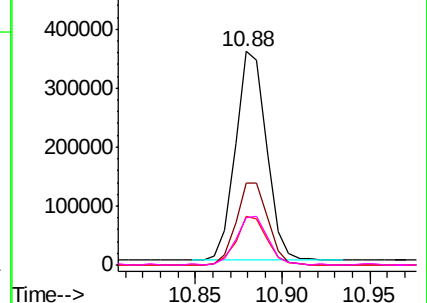


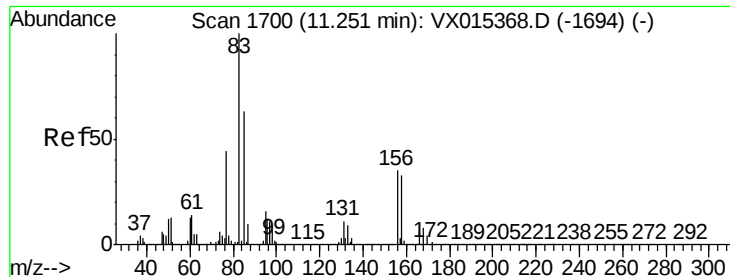
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 11.047 ug/l

RT: 11.26 min Scan# 1701

Delta R.T. 0.01 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBS02

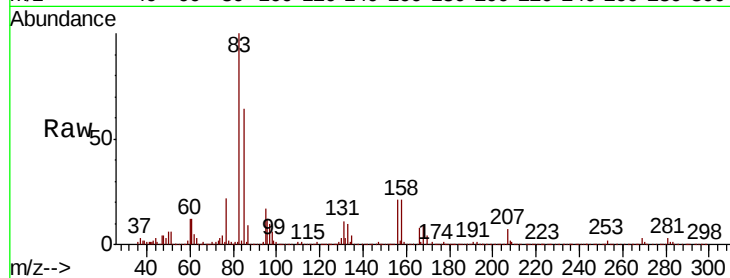
Tot Ion: 83 Resp: 180782

Ion Ratio Lower Upper

83 100

131 11.3 5.3 16.1

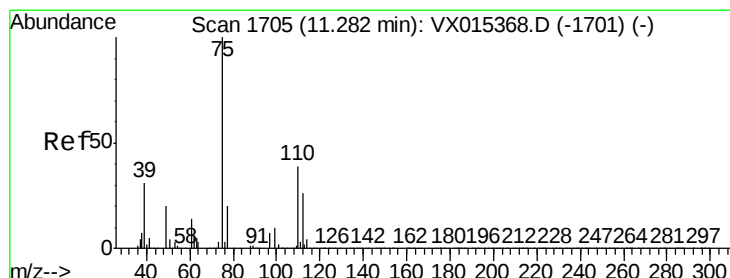
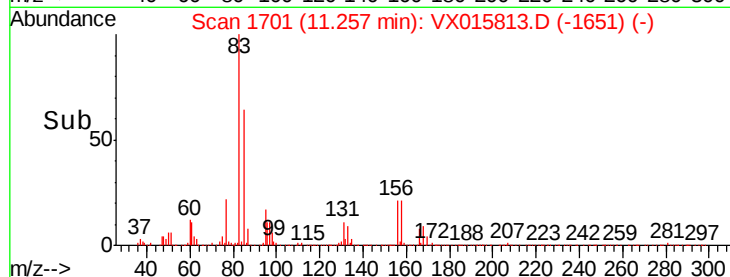
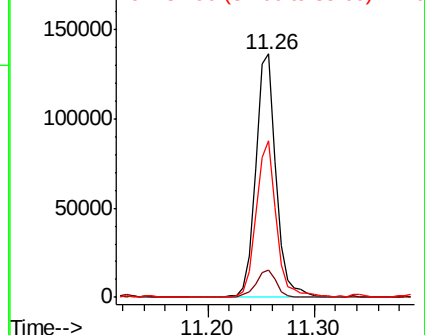
85 63.5 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 21.436 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. -0.00 min

Lab File: VX015813.D

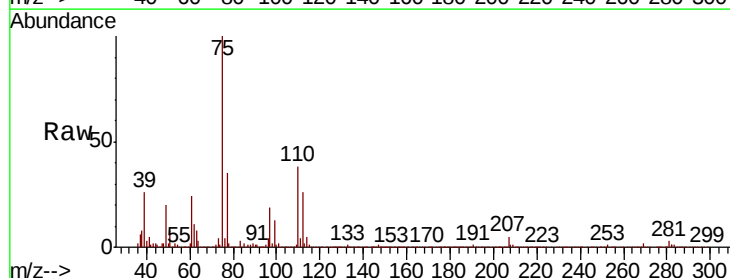
Acq: 21 Apr 2020 23:26

Tgt Ion: 75 Resp: 320873

Ion Ratio Lower Upper

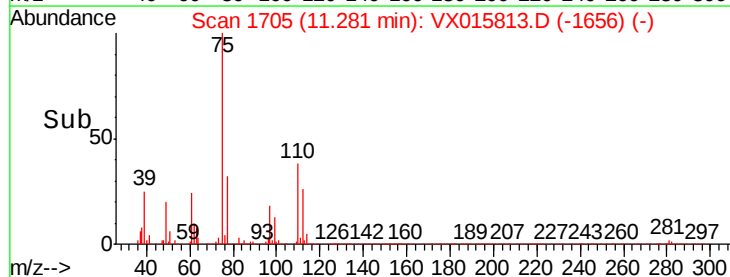
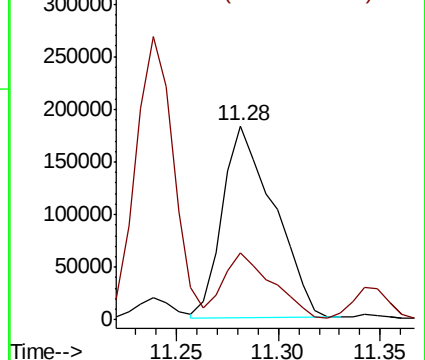
75 100

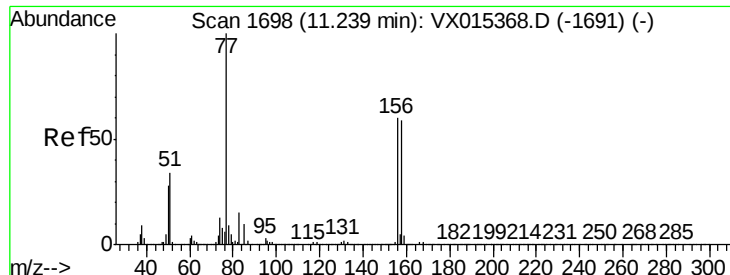
77 33.3 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.267 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBS02

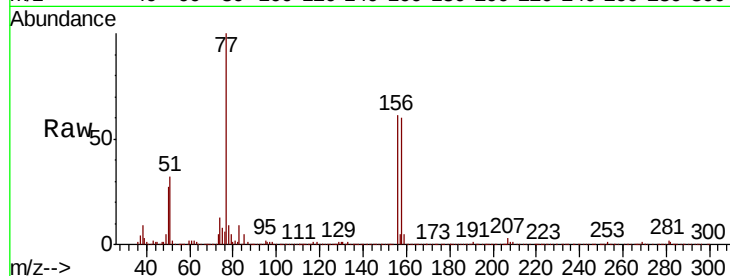
Tot Ion:156 Resp: 219658

Ion Ratio Lower Upper

156 100

77 157.5 82.2 246.5

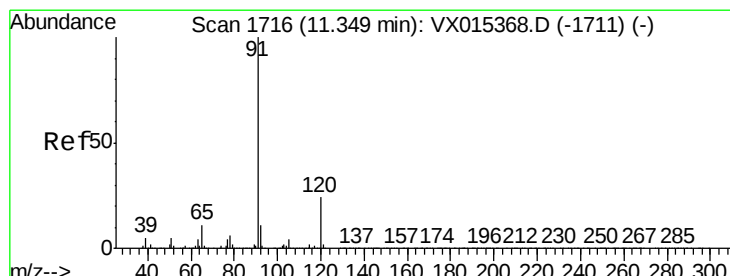
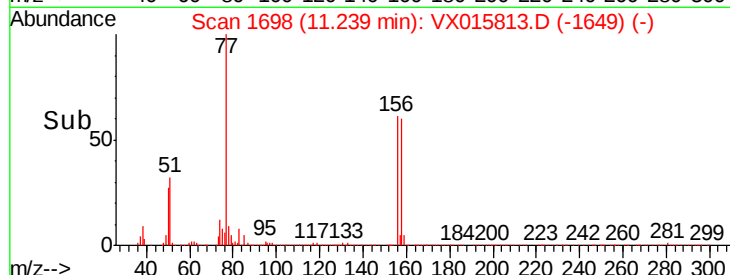
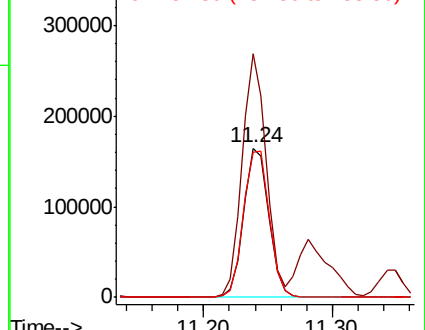
158 101.2 49.3 147.9



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: 17.147 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.01 min

Lab File: VX015813.D

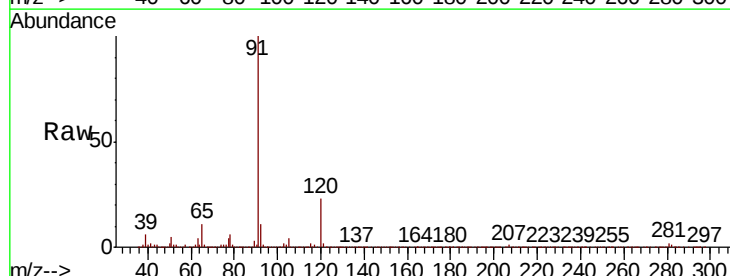
Acq: 21 Apr 2020 23:26

Tgt Ion: 91 Resp: 935141

Ion Ratio Lower Upper

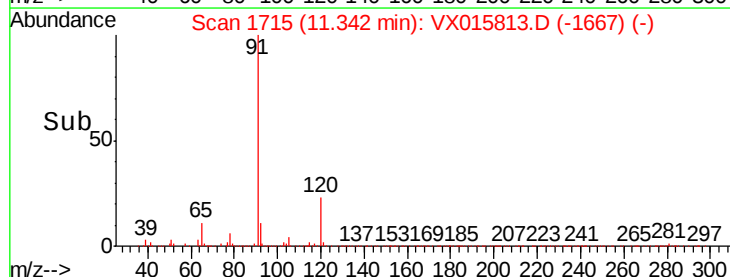
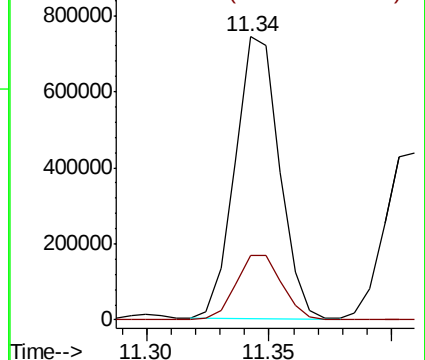
91 100

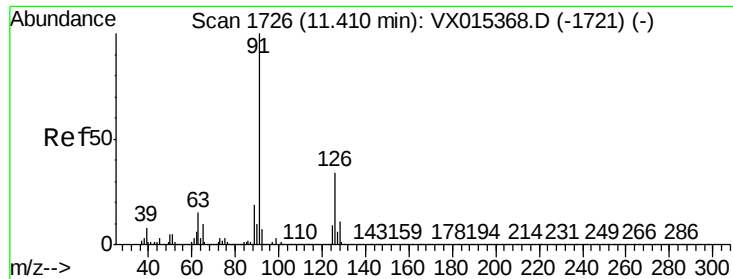
120 23.8 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

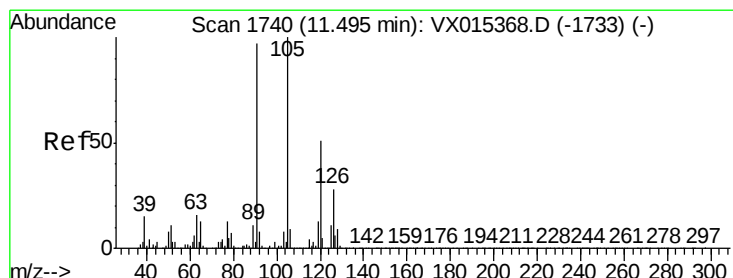
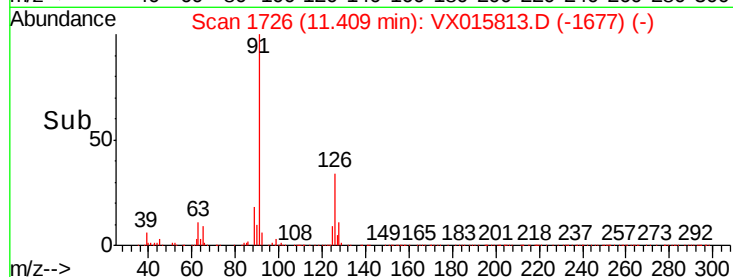
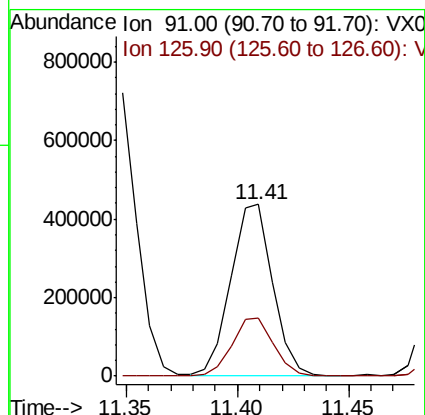
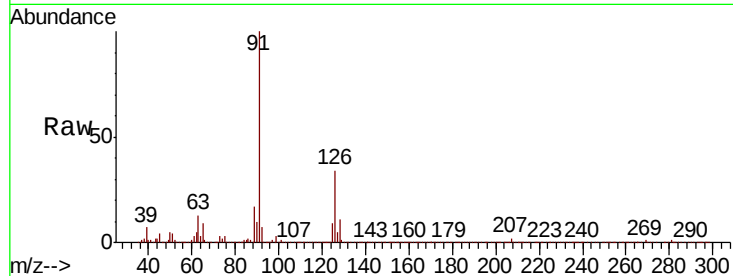




#79
 2-Chlorotoluene
 Concen: 17.009 ug/l
 RT: 11.41 min Scan# 1726
 Delta R.T. -0.00 min
 Lab File: VX015813.D
 Acq: 21 Apr 2020 23:26

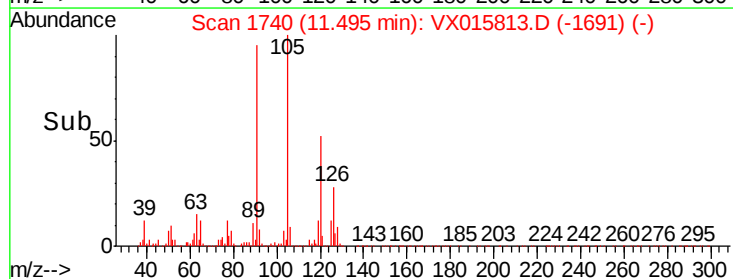
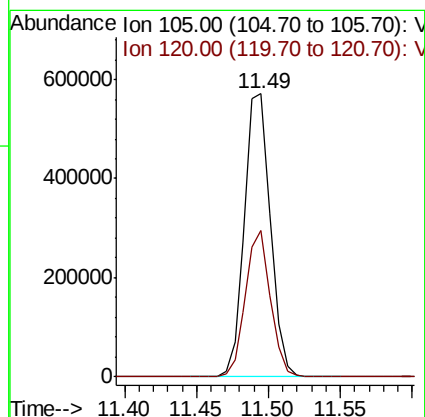
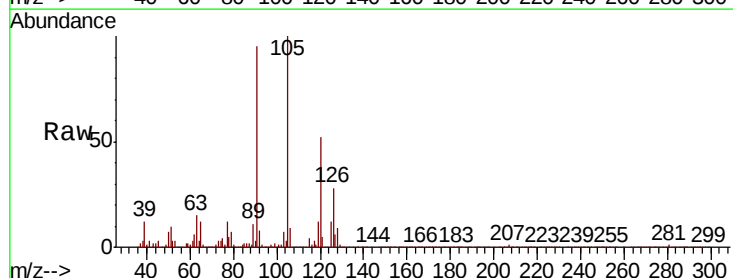
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBS02

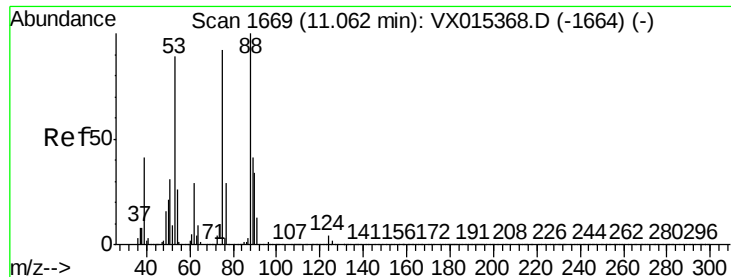
Tot Ion: 91 Resp: 568548
 Ion Ratio Lower Upper
 91 100
 126 34.3 16.5 49.5



#80
 1,3,5-Trimethylbenzene
 Concen: 17.506 ug/l
 RT: 11.49 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: VX015813.D
 Acq: 21 Apr 2020 23:26

Tgt Ion: 105 Resp: 713064
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 15.540 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. -0.00 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBS02

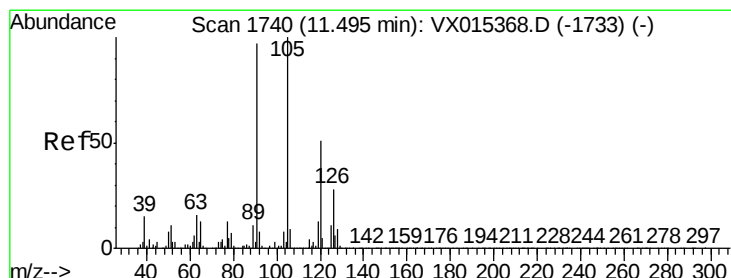
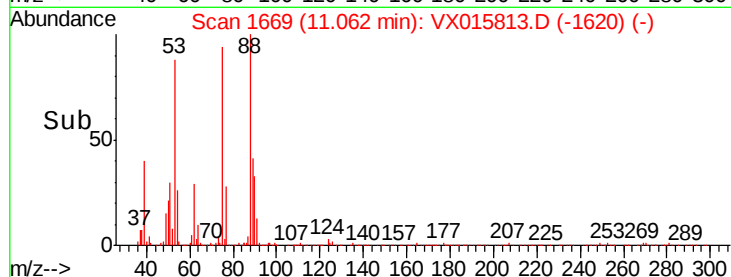
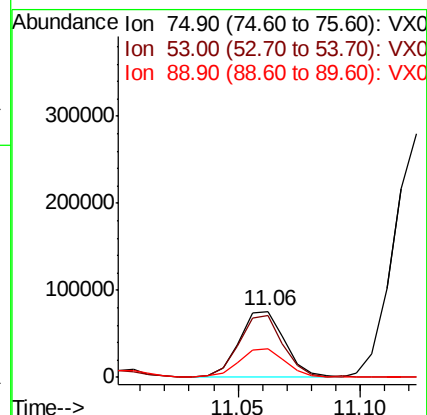
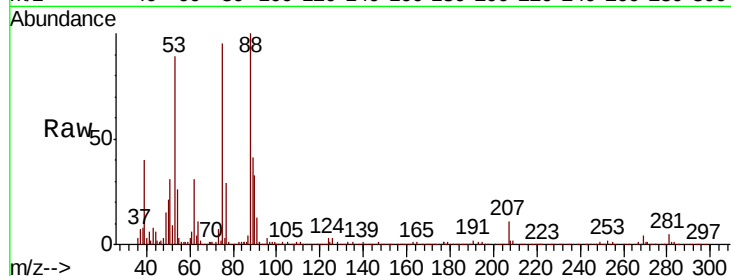
Tot Ion: 75 Resp: 96947

Ion Ratio Lower Upper

75 100

53 91.5 80.1 120.1

89 45.0 36.1 54.1



#82

4-Chlorotoluene

Concen: 16.832 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015813.D

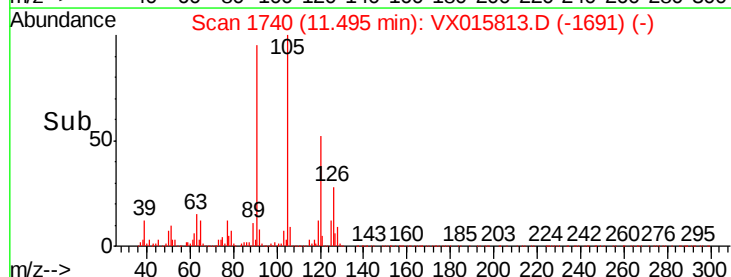
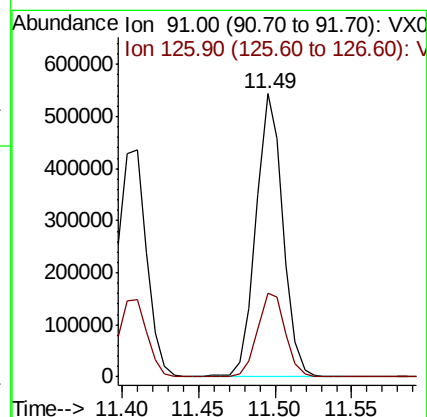
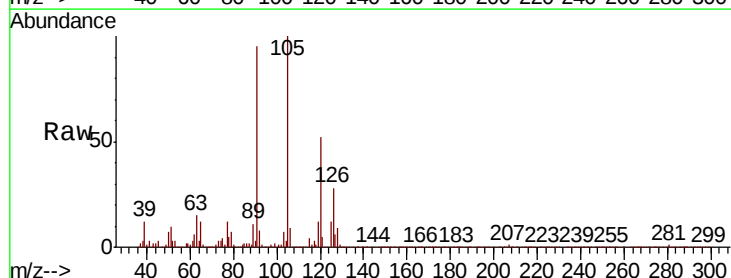
Acq: 21 Apr 2020 23:26

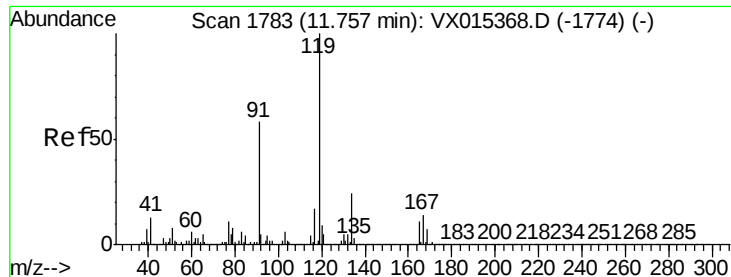
Tgt Ion: 91 Resp: 659597

Ion Ratio Lower Upper

91 100

126 31.0 14.7 44.1

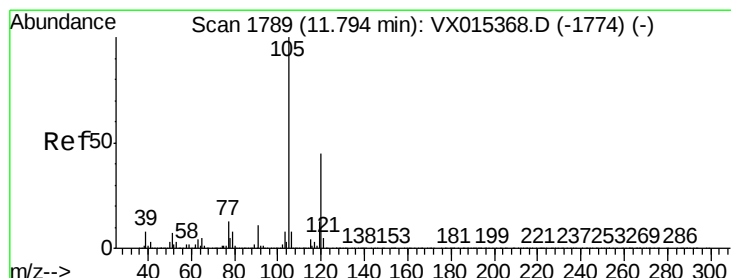
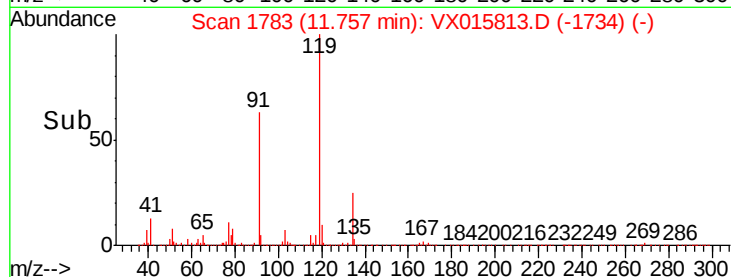
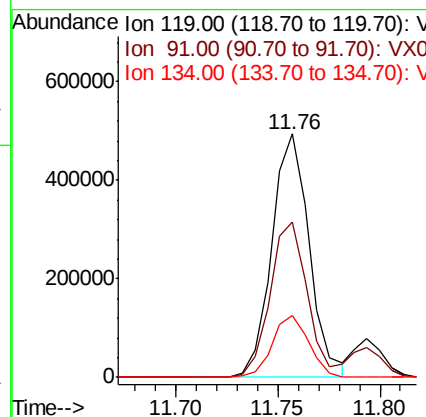
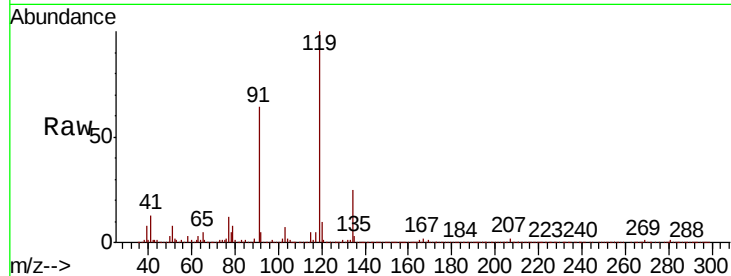




#83
tert-Butylbenzene
Concen: 15.861 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

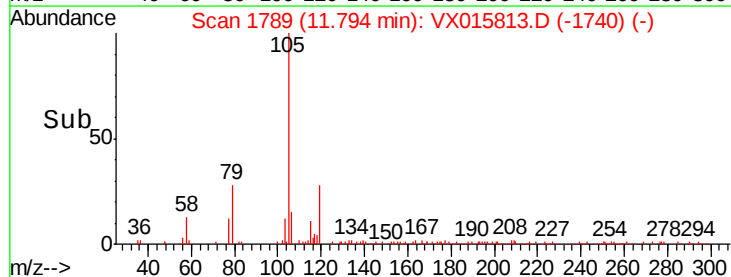
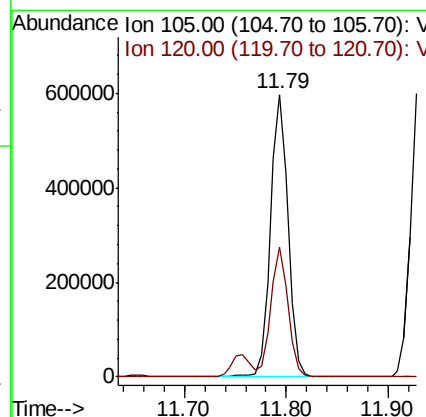
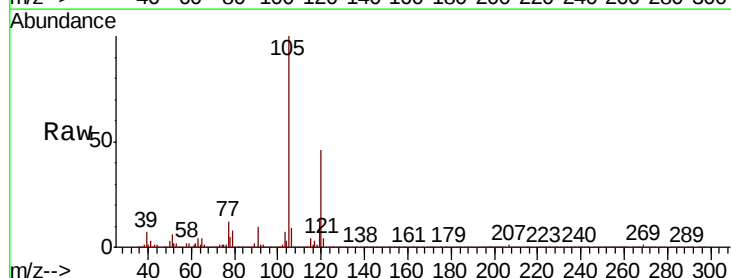
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS02

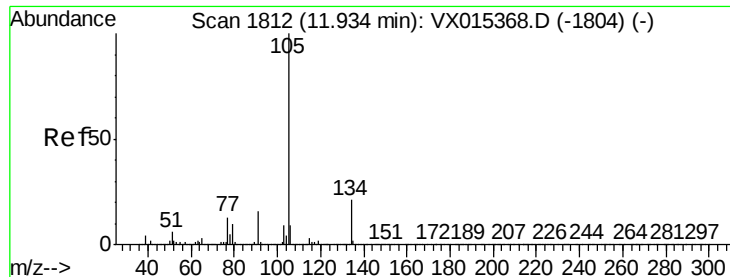
Tot Ion:119 Resp: 631061
Ion Ratio Lower Upper
119 100
91 64.1 28.6 85.8
134 24.9 11.8 35.3



#84
1,2,4-Trimethylbenzene
Concen: 17.198 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Tgt Ion:105 Resp: 713832
Ion Ratio Lower Upper
105 100
120 45.0 22.7 68.1

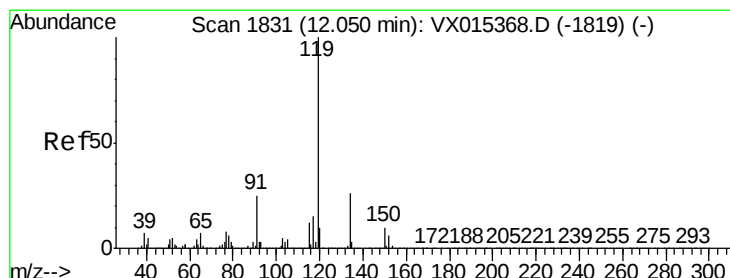
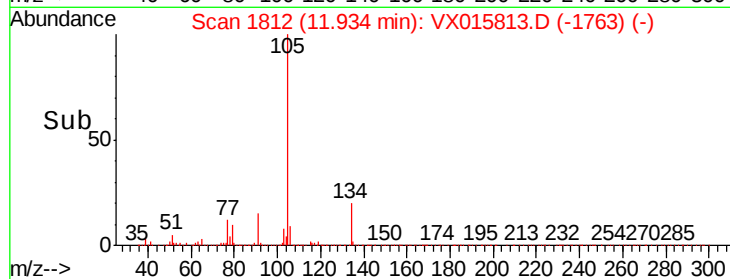
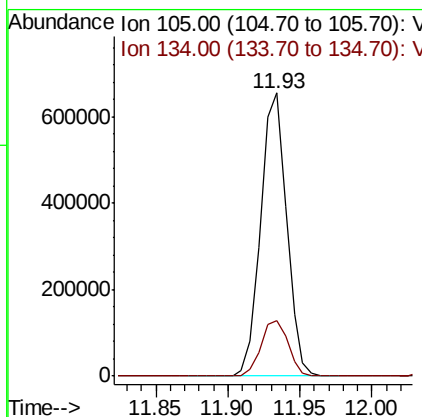
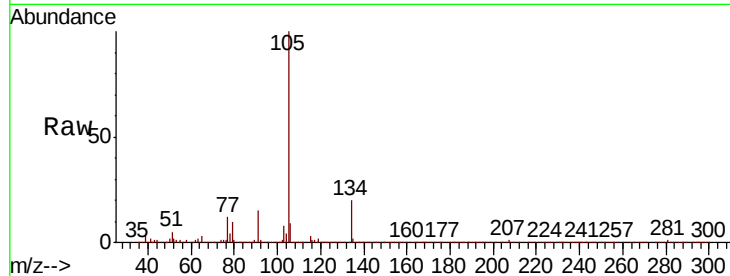




#85
 sec-Butylbenzene
 Concen: 17.589 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VX015813.D
 Acq: 21 Apr 2020 23:26

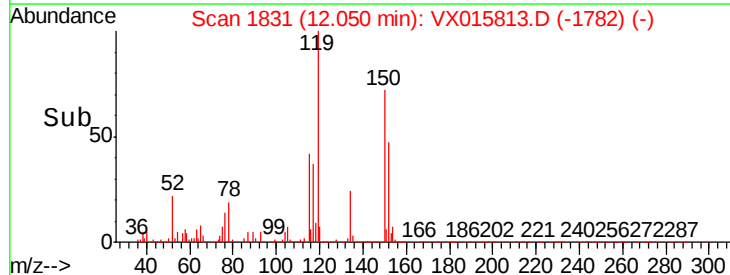
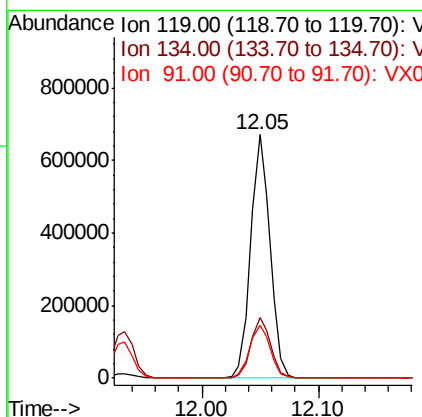
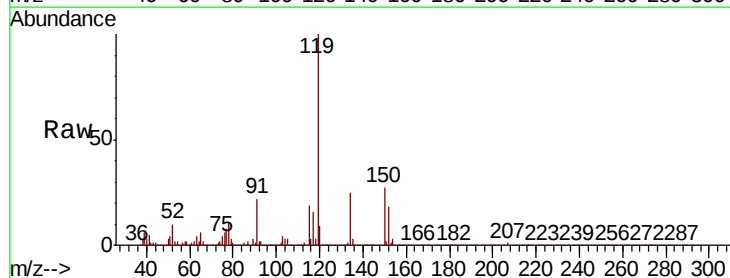
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBS02

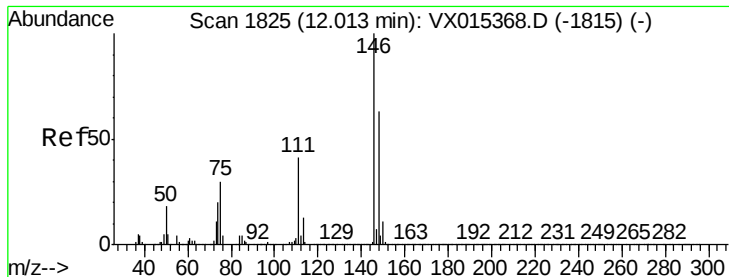
Tot Ion:105 Resp: 809347
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 18.180 ug/l
 RT: 12.05 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: VX015813.D
 Acq: 21 Apr 2020 23:26

Tgt Ion:119 Resp: 776585
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.1 39.3
 91 22.8 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 17.835 ug/l

RT: 12.01 min Scan# 1825

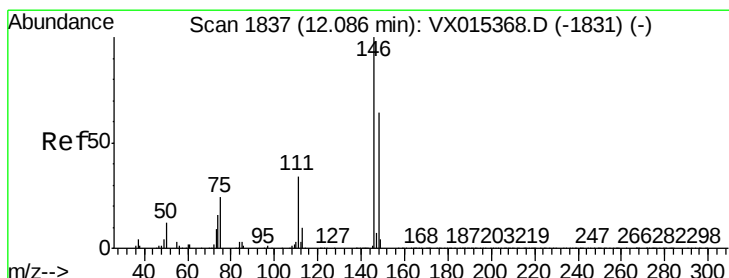
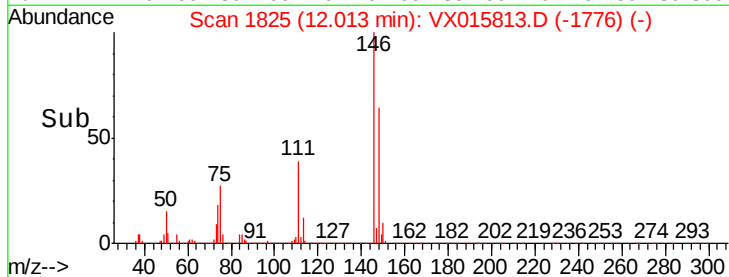
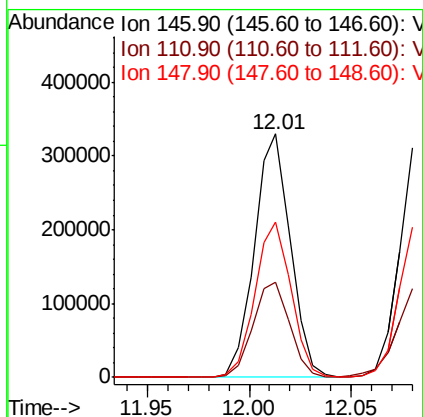
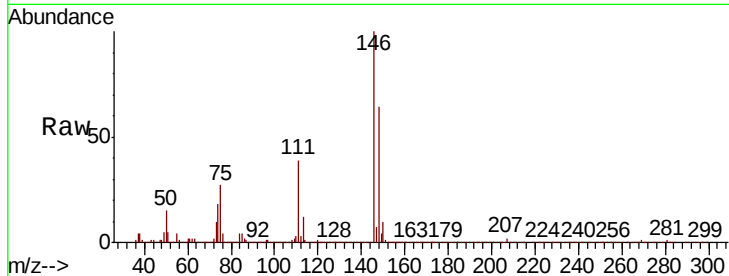
Delta R.T. -0.00 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.3	60.9
148	63.5	31.3	93.9



#88

1,4-Dichlorobenzene

Concen: 17.584 ug/l

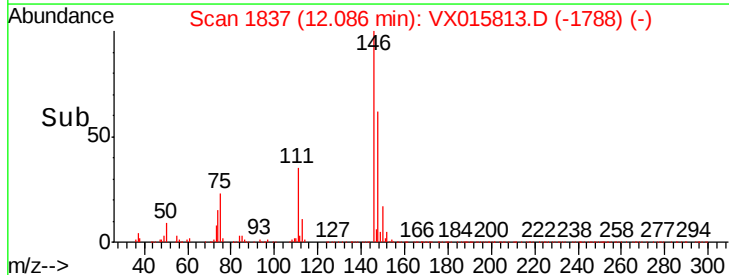
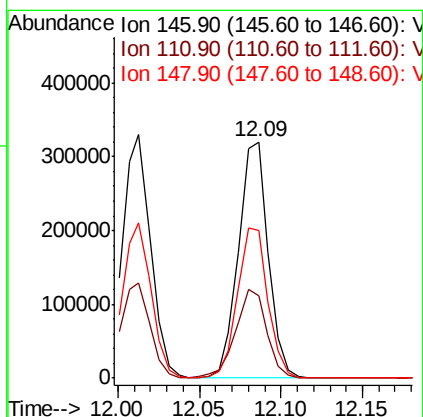
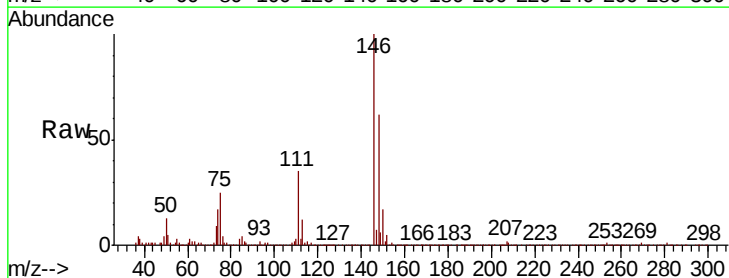
RT: 12.09 min Scan# 1837

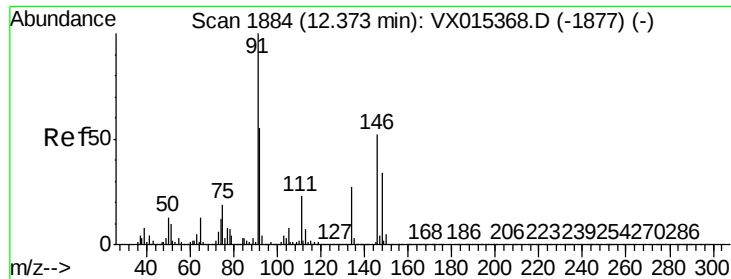
Delta R.T. -0.00 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.1	57.5
148	64.7	32.4	97.2

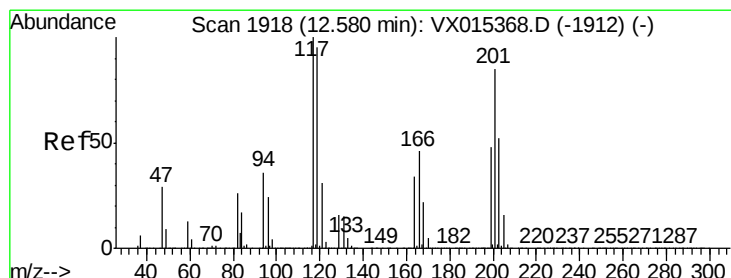
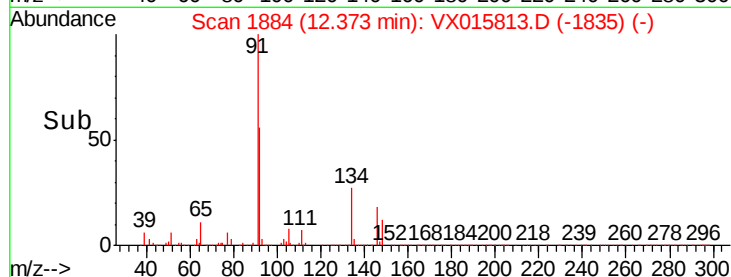
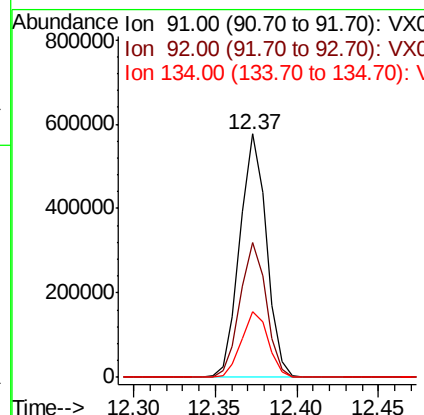
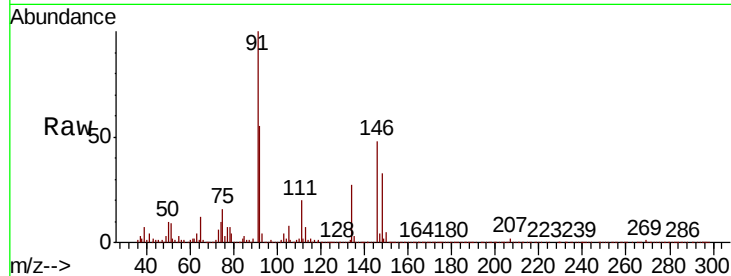




#89
n-Butylbenzene
Concen: 16.979 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

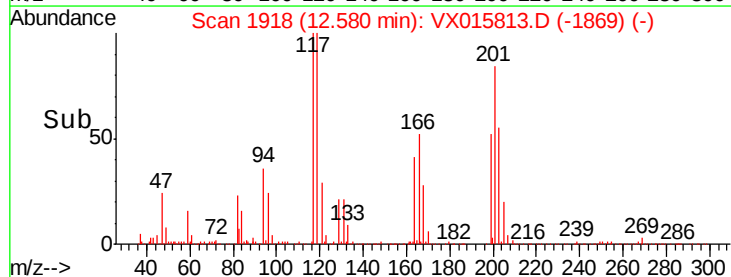
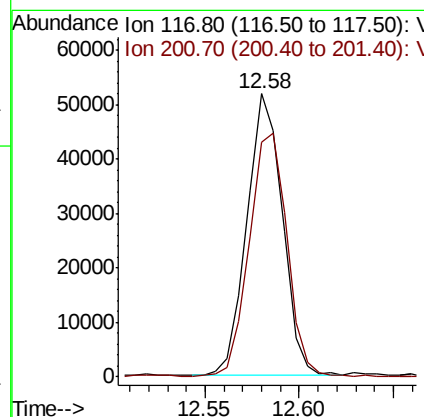
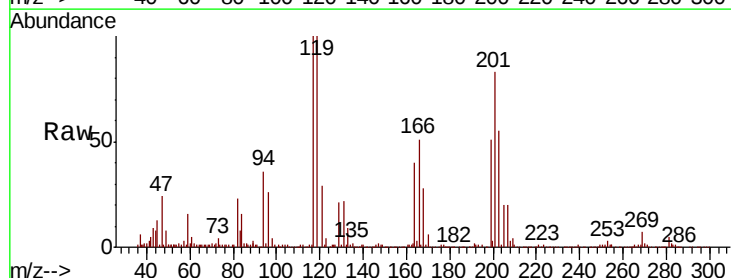
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS02

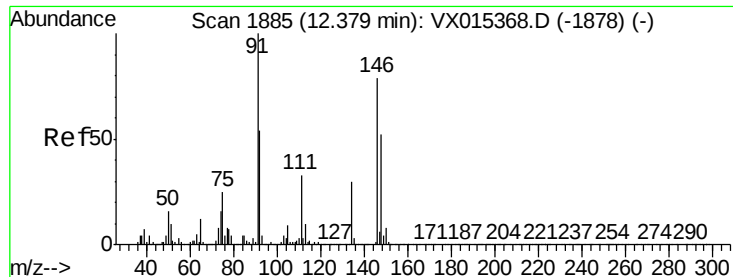
Tot Ion: 91 Resp: 655422
Ion Ratio Lower Upper
91 100
92 54.7 27.2 81.5
134 27.2 13.4 40.2



#90
Hexachloroethane
Concen: 8.172 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Tgt Ion: 117 Resp: 67947
Ion Ratio Lower Upper
117 100
201 92.2 42.6 128.0

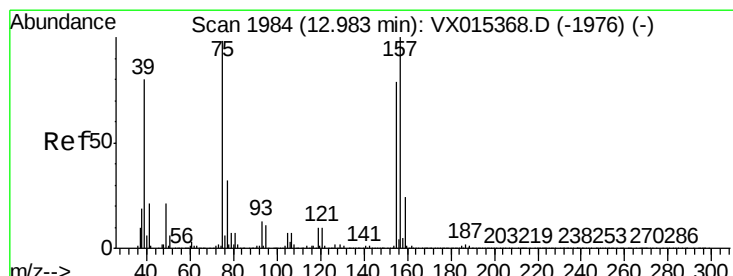
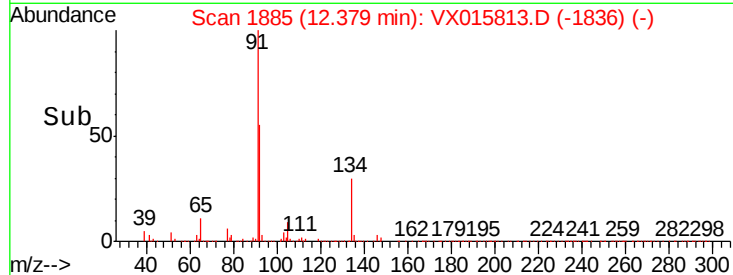
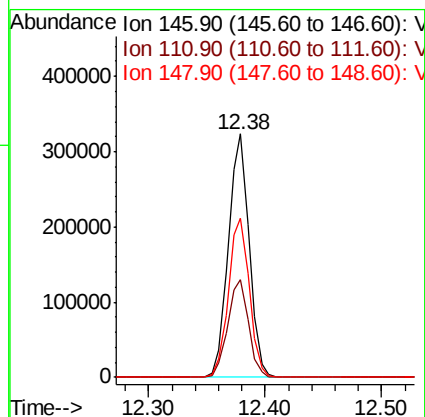
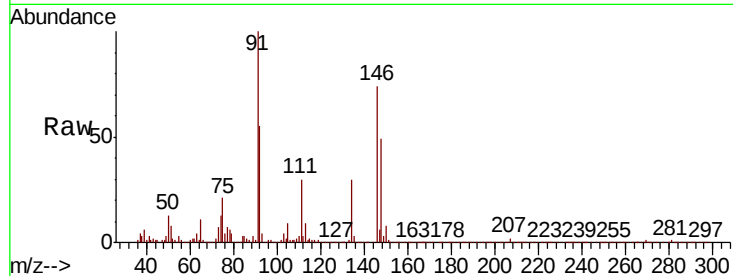




#91
 1,2-Dichlorobenzene
 Concen: 17.881 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: VX015813.D
 Acq: 21 Apr 2020 23:26

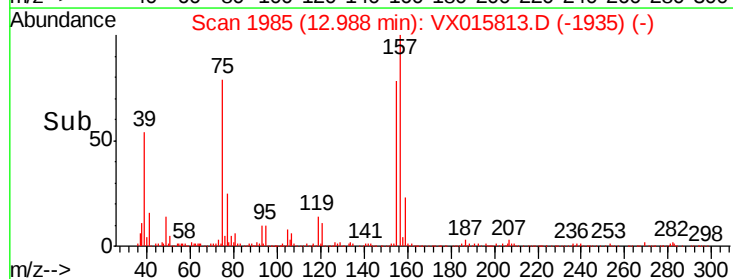
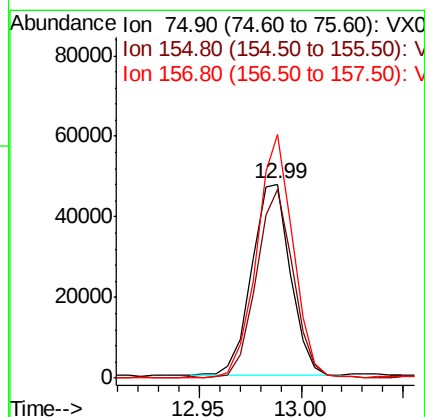
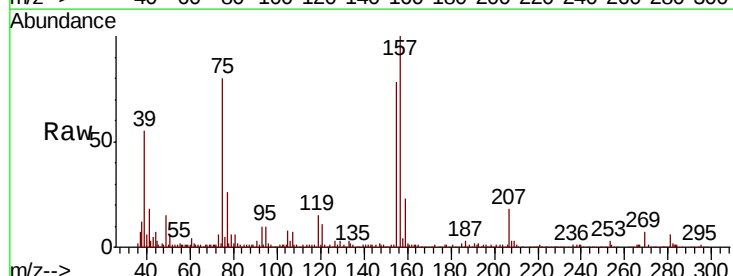
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBS02

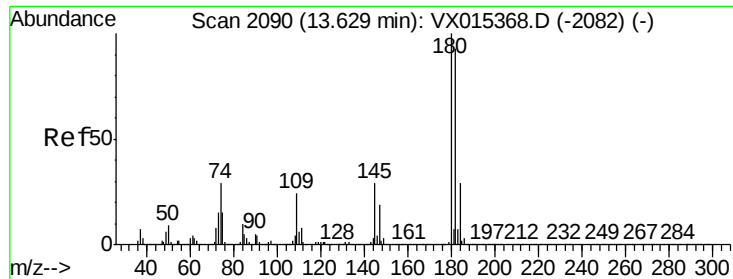
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	21.0	63.0
148	65.8	32.4	97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 13.583 ug/l
 RT: 12.99 min Scan# 1985
 Delta R.T. 0.01 min
 Lab File: VX015813.D
 Acq: 21 Apr 2020 23:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.0	42.8	128.4
157	119.0	53.4	160.3

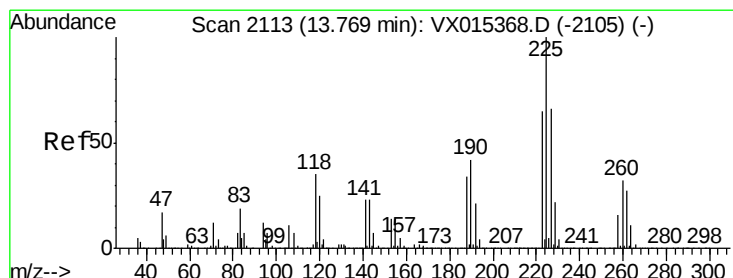
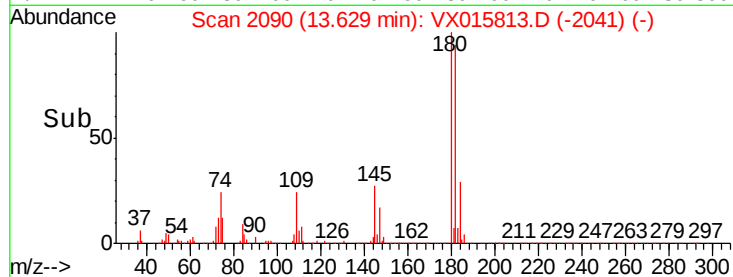
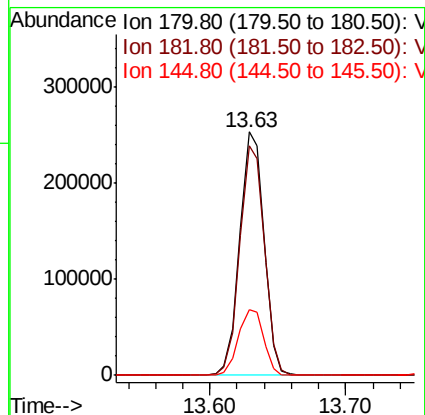
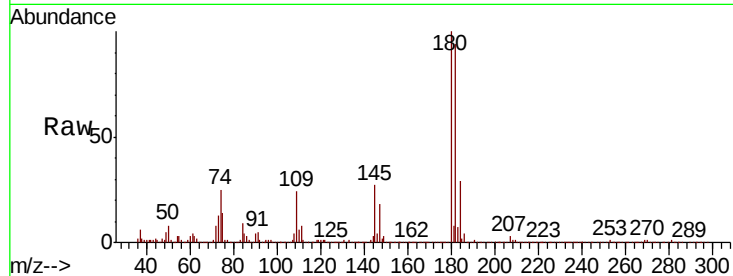




#93
 1,2,4-Trichlorobenzene
 Concen: 17.897 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015813.D
 Acq: 21 Apr 2020 23:26

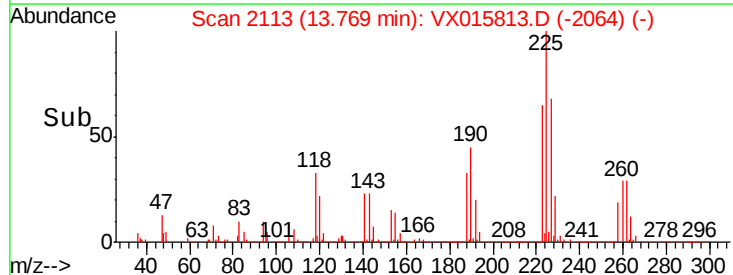
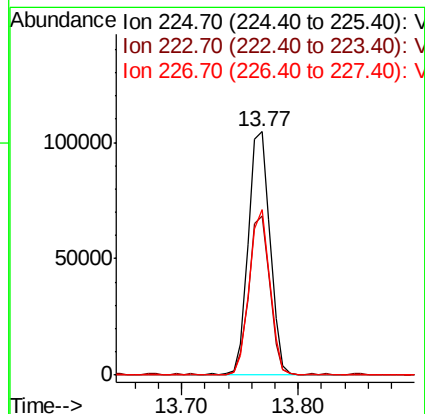
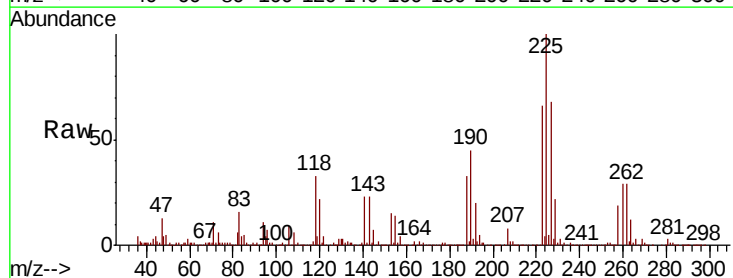
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBS02

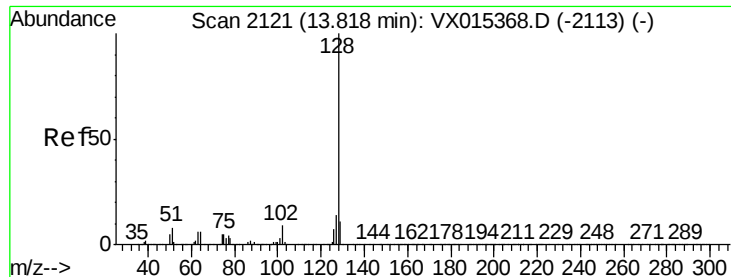
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	46.9	140.7
145	28.1	14.9	44.5



#94
 Hexachlorobutadiene
 Concen: 16.418 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VX015813.D
 Acq: 21 Apr 2020 23:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.9	95.7
227	64.3	30.4	91.3

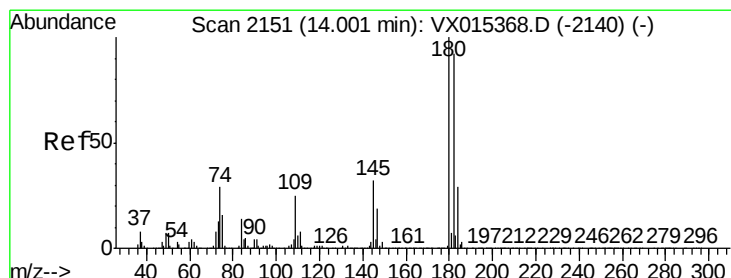
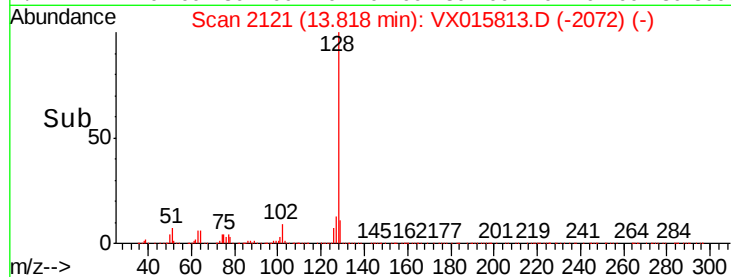
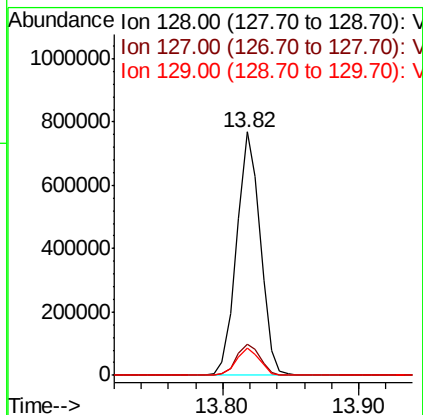
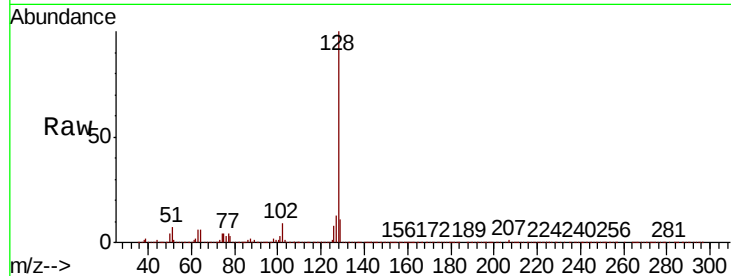




#95
Naphthalene
Concen: 17.243 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS02

Tot Ion:128 Resp: 927256
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 11.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 17.949 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Tgt Ion:180 Resp: 304660
Ion Ratio Lower Upper
180 100
182 98.1 46.7 140.0
145 30.7 15.8 47.3

