

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040620\
 Data File : VX015503.D
 Acq On : 06 Apr 2020 11:33
 Operator : JC/SP
 Sample : VX0406WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0406WBS01

Quant Time: Apr 07 04:57:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1171319	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1793939	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1654718	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	842126	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	810720	49.07	ug/l	0.00
Spiked Amount			Recovery	=	98.14%	
35) Dibromofluoromethane	5.47	113	601454	52.45	ug/l	0.00
Spiked Amount			Recovery	=	104.90%	
50) Toluene-d8	8.70	98	2206286	52.26	ug/l	0.00
Spiked Amount			Recovery	=	104.52%	
62) 4-Bromofluorobenzene	11.12	95	900956	52.51	ug/l	0.00
Spiked Amount			Recovery	=	105.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	207943	20.150	ug/l	97
3) Chloromethane	1.31	50	235605	17.928	ug/l	97
4) Vinyl Chloride	1.39	62	227388	18.844	ug/l	100
5) Bromomethane	1.63	94	150981	22.732	ug/l	99
6) Chloroethane	1.71	64	145939	19.500	ug/l	99
7) Trichlorofluoromethane	1.92	101	334476	20.668	ug/l	100
8) Diethyl Ether	2.17	74	127573	18.690	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	221613	21.006	ug/l	99
10) Methyl Iodide	2.49	142	246722	17.346	ug/l	99
11) Tert butyl alcohol	3.01	59	334753	84.658	ug/l	100
12) 1,1-Dichloroethene	2.36	96	217192	19.640	ug/l	97
13) Acrolein	2.27	56	235000	104.329	ug/l	99
14) Allyl chloride	2.71	41	488764	18.916	ug/l	98
15) Acrylonitrile	3.11	53	680139	90.193	ug/l	100
16) Acetone	2.42	43	670417	94.459	ug/l	99
17) Carbon Disulfide	2.55	76	624168	18.502	ug/l	100
18) Methyl Acetate	2.75	43	332267	18.342	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	809232	18.868	ug/l	99
20) Methylene Chloride	2.83	84	243690	18.382	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	233572	19.032	ug/l	96
22) Diisopropyl ether	3.83	45	885146	19.332	ug/l	94
23) Vinyl Acetate	3.78	43	4006673	96.650	ug/l	99
24) 1,1-Dichloroethane	3.67	63	449784	18.658	ug/l	99
25) 2-Butanone	4.64	43	1010788	88.555	ug/l	98
26) 2,2-Dichloropropane	4.56	77	419140	21.182	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	271341	19.110	ug/l	97
28) Bromochloromethane	4.98	49	235460	20.457	ug/l	98
29) Tetrahydrofuran	5.09	42	649081	88.456	ug/l	99
30) Chloroform	5.17	83	444471	19.164	ug/l	98
31) Cyclohexane	5.54	56	420363	20.101	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	407866	19.431	ug/l	98
36) 1,1-Dichloropropene	5.77	75	336512	20.359	ug/l	99
37) Ethyl Acetate	4.79	43	401293	18.646	ug/l	99
38) Carbon Tetrachloride	5.75	117	362143	20.228	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	404285	21.213	ug/l	98
40) Benzene	6.11	78	959189	19.810	ug/l	96
41) Methacrylonitrile	5.00	41	222293	18.606	ug/l	97
42) 1,2-Dichloroethane	6.17	62	388281	19.964	ug/l	99
43) Isopropyl Acetate	6.41	43	688888	18.961	ug/l	100
44) Trichloroethene	7.19	130	267425	20.252	ug/l	96
45) 1,2-Dichloropropane	7.49	63	263371	19.884	ug/l	99
46) Dibromomethane	7.64	93	168372	19.378	ug/l	99
47) Bromodichloromethane	7.87	83	366032	19.771	ug/l	98
48) Methyl methacrylate	7.75	41	346364	19.086	ug/l	99
49) 1,4-Dioxane	7.72	88	130823	386.437	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1996492	96.965	ug/l	99
52) Toluene	8.76	92	606480	20.317	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	423787	19.517	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	444069	20.077	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	242539	19.831	ug/l	100
56) Ethyl methacrylate	9.16	69	416419	19.320	ug/l	99
57) 1,3-Dichloropropane	9.36	76	432210	19.615	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1029326	98.180	ug/l	99
59) 2-Hexanone	9.47	43	1522422	97.937	ug/l	99
60) Dibromochloromethane	9.57	129	285503	19.427	ug/l	97
61) 1,2-Dibromoethane	9.65	107	256266	19.270	ug/l	99
64) Tetrachloroethene	9.32	164	256667	20.554	ug/l	97
65) Chlorobenzene	10.12	112	653406	19.800	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	262309	19.896	ug/l	99
67) Ethyl Benzene	10.24	91	1179403	20.151	ug/l	99
68) m/p-Xylenes	10.34	106	891278	40.895	ug/l	99
69) o-Xylene	10.68	106	435675	20.230	ug/l	100
70) Styrene	10.70	104	742380	19.590	ug/l	99
71) Bromoform	10.84	173	228878	19.071	ug/l #	99
73) Isopropylbenzene	11.00	105	1172923	21.257	ug/l	100
74) N-amyl acetate	10.88	43	587701	19.150	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	364693	19.262	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	451472	26.070	ug/l	84
77) Bromobenzene	11.24	156	296930	20.175	ug/l	99
78) n-propylbenzene	11.34	91	1339881	21.236	ug/l	99
79) 2-Chlorotoluene	11.40	91	800766	20.707	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1004855	21.324	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.06	75	140101	19.412	ug/l	98
82) 4-Chlorotoluene	11.49	91	959808	21.171	ug/l	99
83) tert-Butylbenzene	11.76	119	977340	21.233	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1010351	21.040	ug/l	99
85) sec-Butylbenzene	11.93	105	1144600	21.501	ug/l	100
86) p-Isopropyltoluene	12.05	119	1080325	21.860	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	552297	20.962	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	540855	20.152	ug/l	97
89) n-Butylbenzene	12.37	91	975041	21.832	ug/l	99
90) Hexachloroethane	12.58	117	196696	20.449	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	524639	20.346	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	96501	18.058	ug/l	98

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ALS Vial : 4 Sample Multiplier: 1

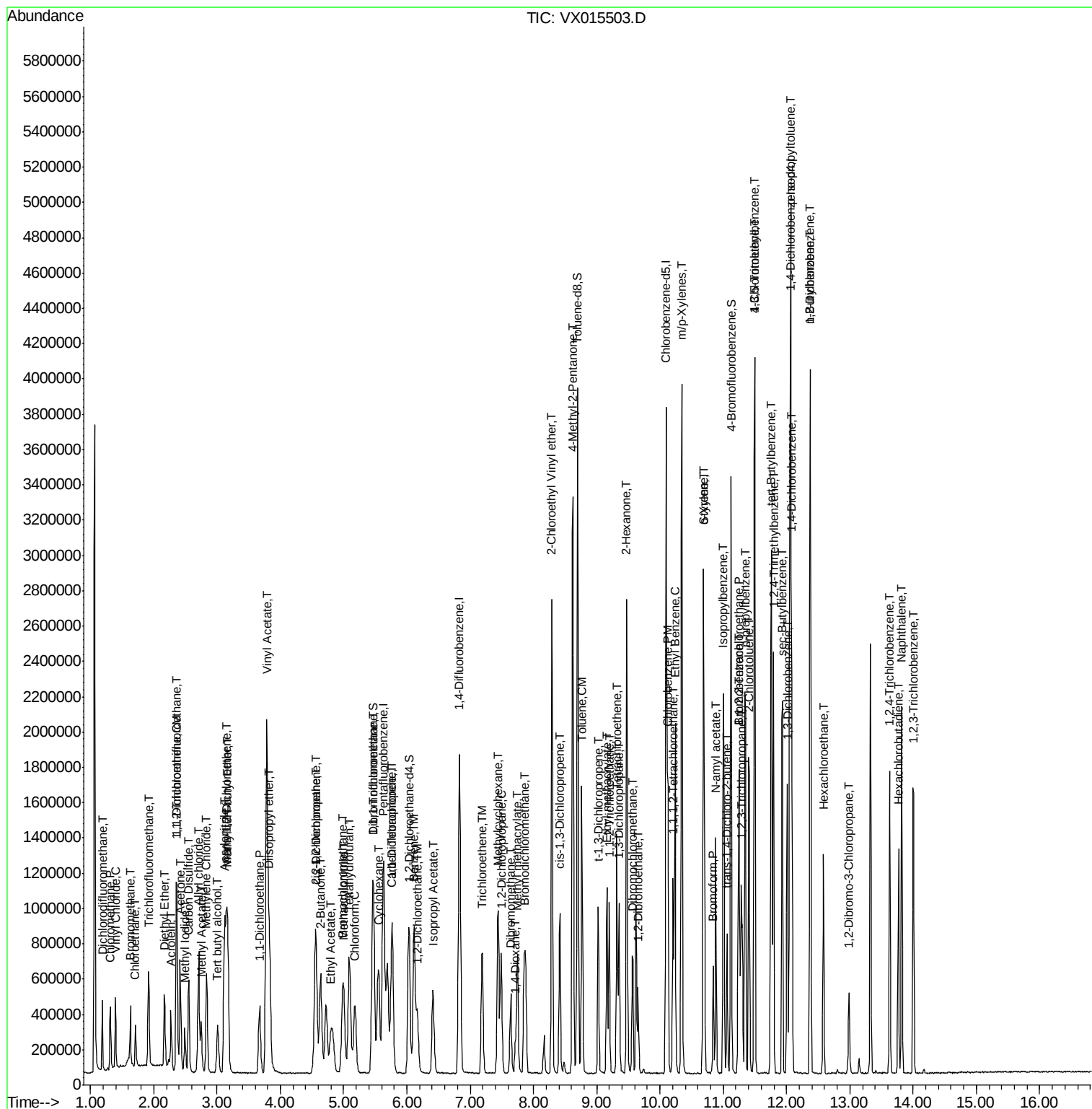
Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01

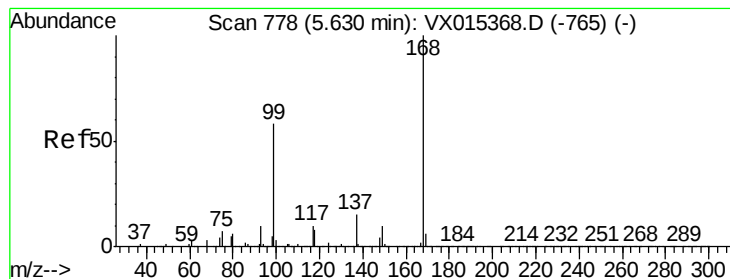
Quant Time: Apr 07 04:57:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	405336	19.873	ug/l	95
94) Hexachlorobutadiene	13.77	225	201623	20.763	ug/l	99
95) Naphthalene	13.82	128	1236453	19.874	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	395482	20.140	ug/l	95

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

Quant Time: Apr 07 04:57:02 2020
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Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.00 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

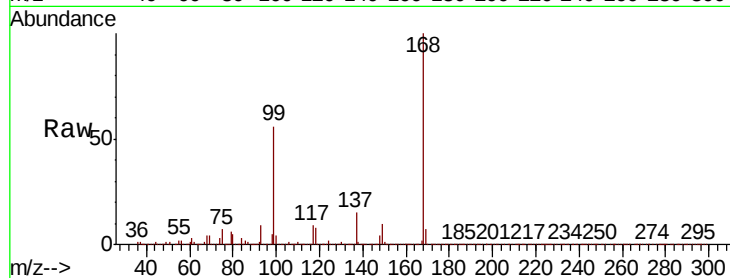
VX0406WBS01

Tot Ion:168 Resp: 1171319

Ion Ratio Lower Upper

168 100

99 55.5 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

400000

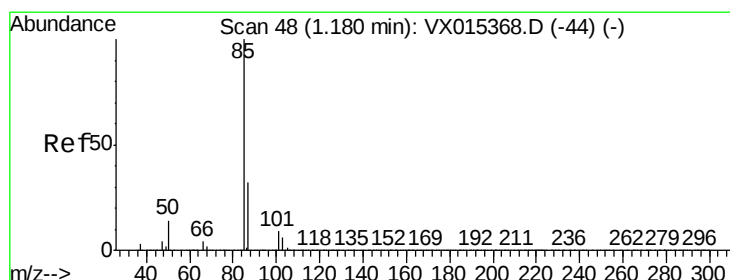
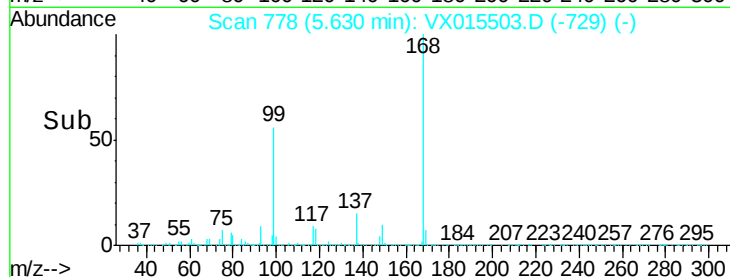
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.150 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.01 min

Lab File: VX015503.D

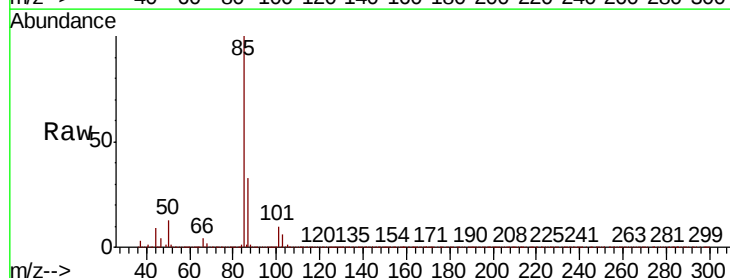
Acq: 06 Apr 2020 11:33

Tgt Ion: 85 Resp: 207943

Ion Ratio Lower Upper

85 100

87 33.3 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

250000

200000

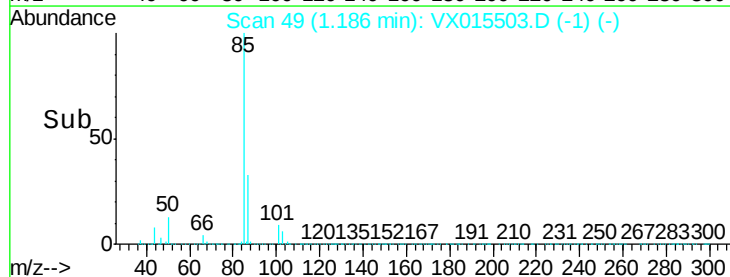
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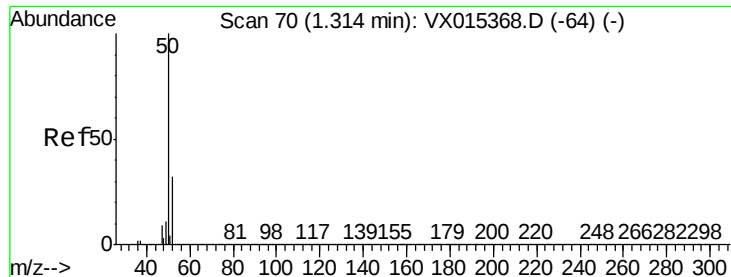
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Time-->

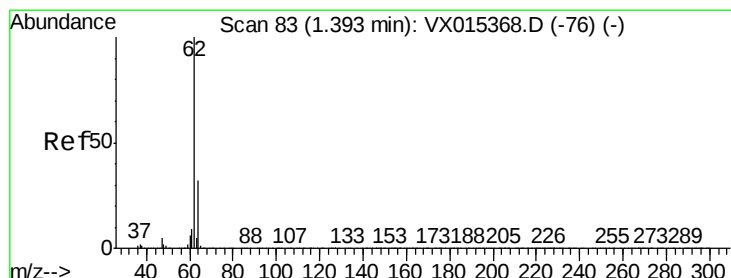
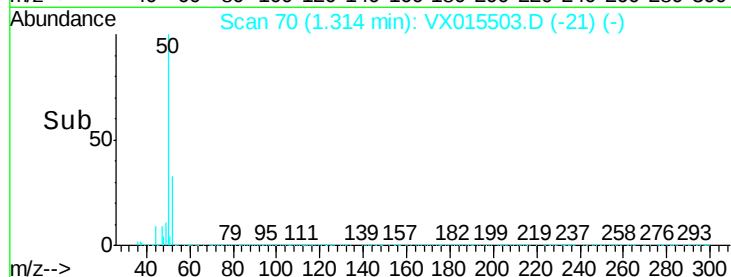
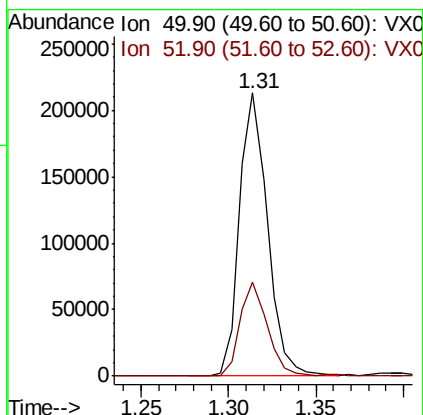
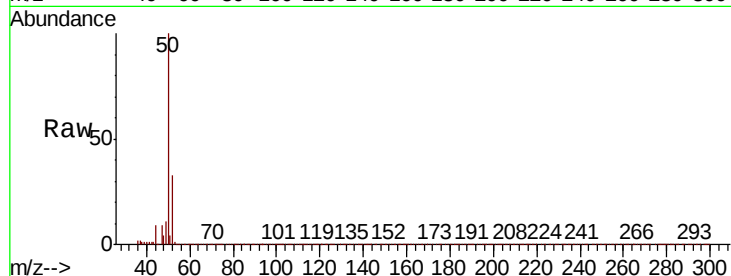




#3
Chloromethane
Concen: 17.928 ug/l
RT: 1.31 min Scan# 70
Delta R.T. -0.00 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

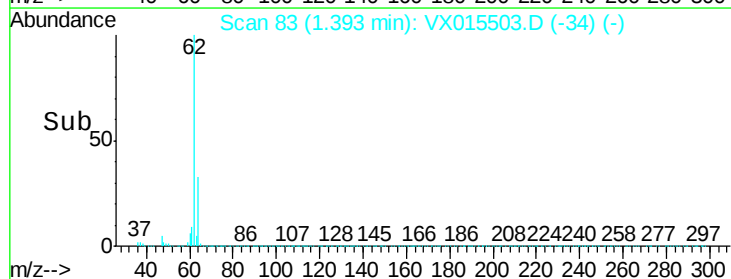
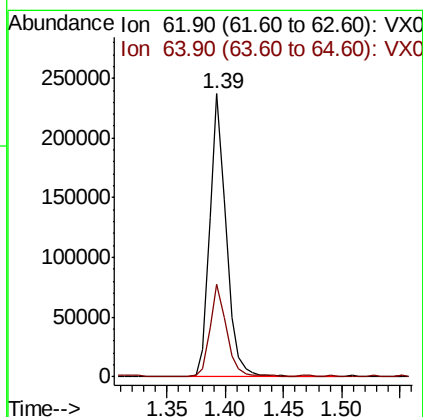
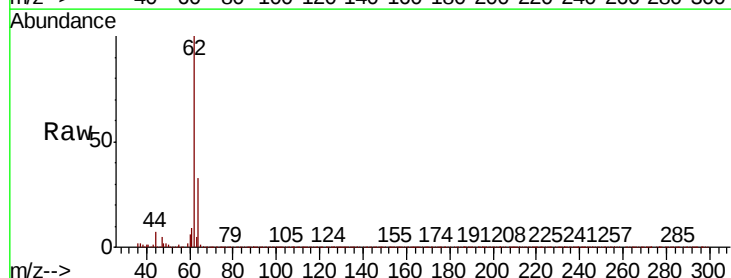
Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01

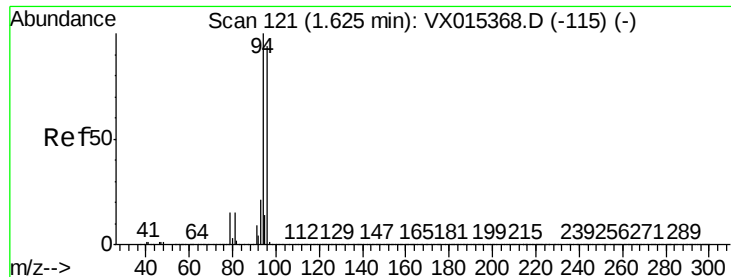
Tot Ion: 50 Resp: 235605
Ion Ratio Lower Upper
50 100
52 33.0 25.3 37.9



#4
Vinyl Chloride
Concen: 18.844 ug/l
RT: 1.39 min Scan# 83
Delta R.T. -0.00 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Tgt Ion: 62 Resp: 227388
Ion Ratio Lower Upper
62 100
64 32.5 26.0 39.0





#5

Bromomethane

Concen: 22.732 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Instrument :

MSVOA_X

ClientSampled :

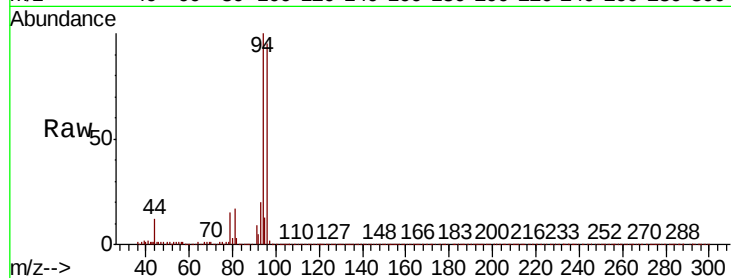
VX0406WBS01

Tot Ion: 94 Resp: 150981

Ion Ratio Lower Upper

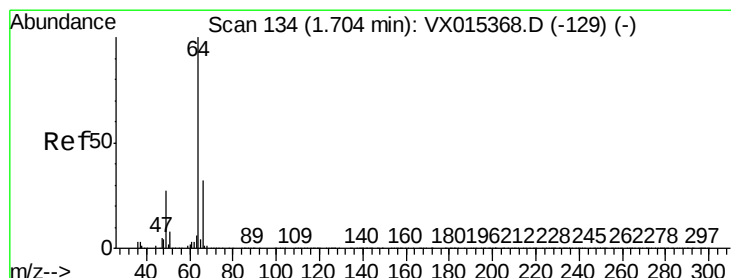
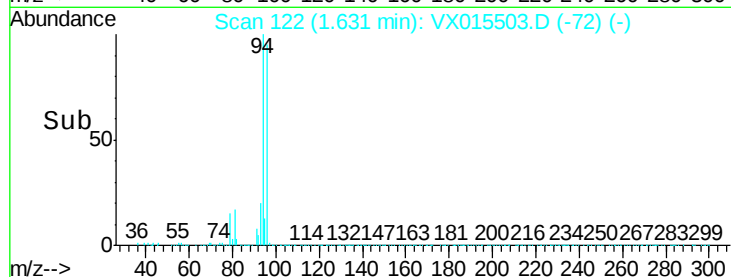
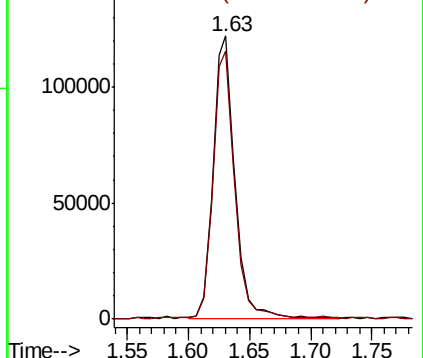
94 100

96 94.6 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.500 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015503.D

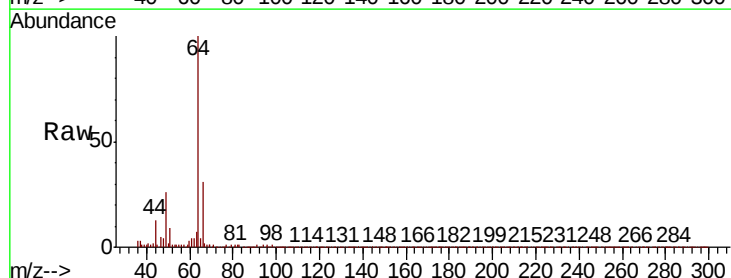
Acq: 06 Apr 2020 11:33

Tgt Ion: 64 Resp: 145939

Ion Ratio Lower Upper

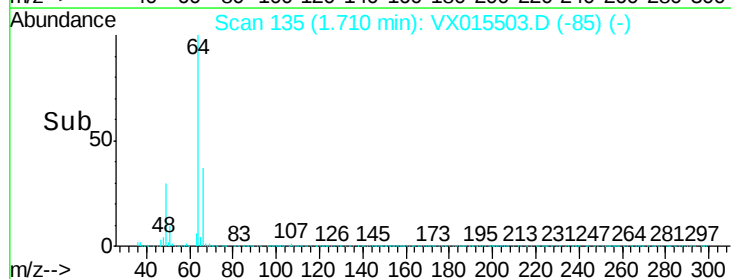
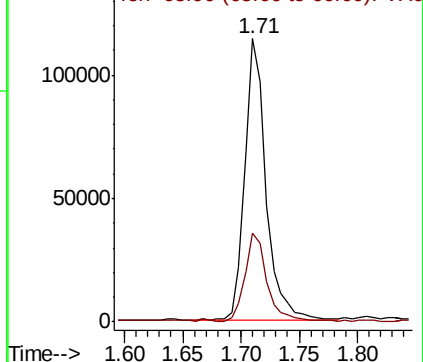
64 100

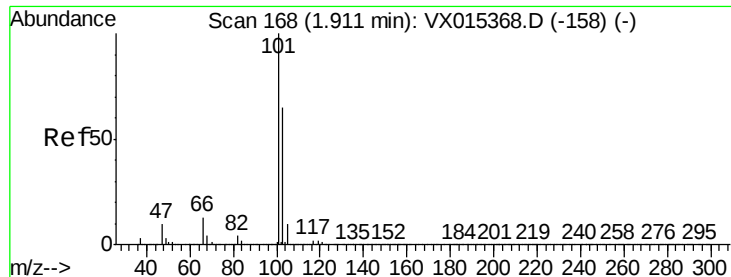
66 31.3 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



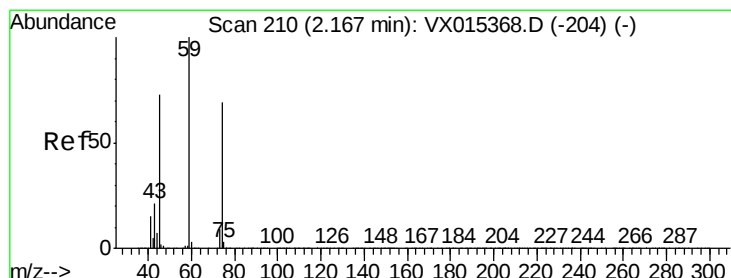
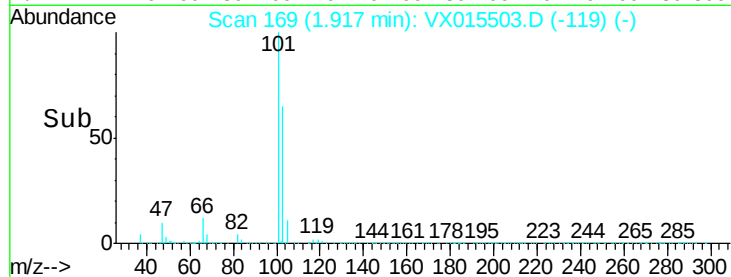
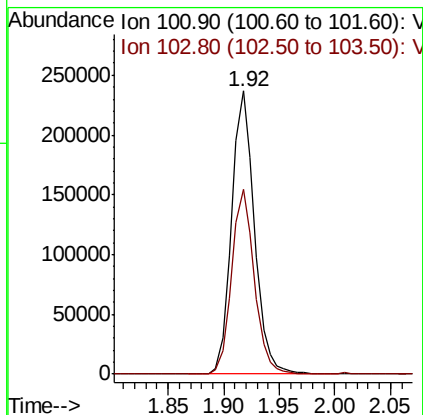
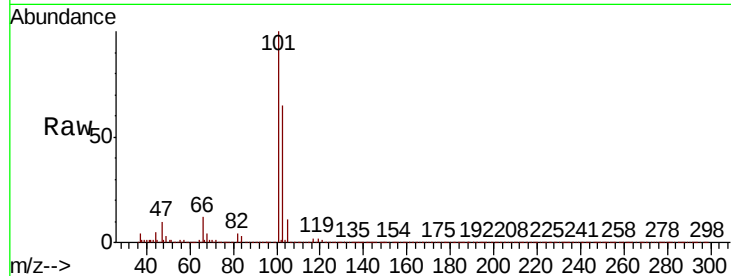


#7

Trichlorofluoromethane
 Concen: 20.668 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.01 min
 Lab File: VX015503.D
 Acq: 06 Apr 2020 11:33

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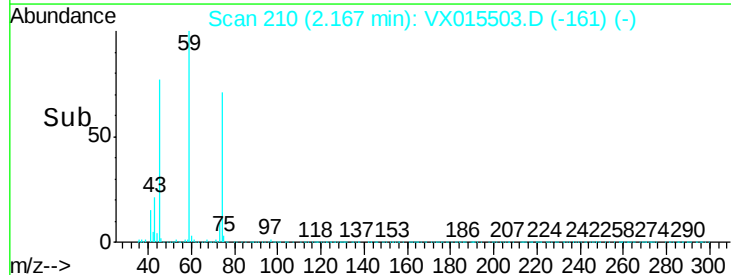
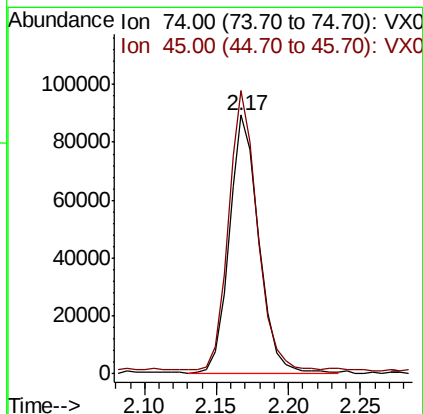
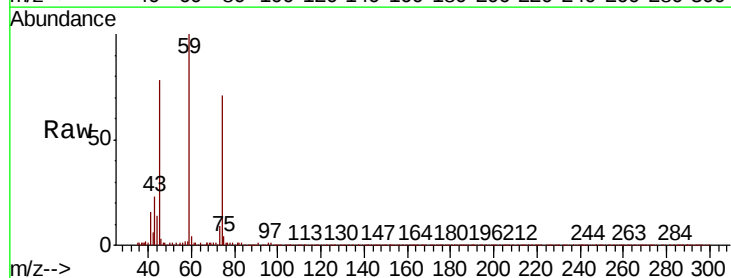
Tot Ion:101 Resp: 334476
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.3 78.5

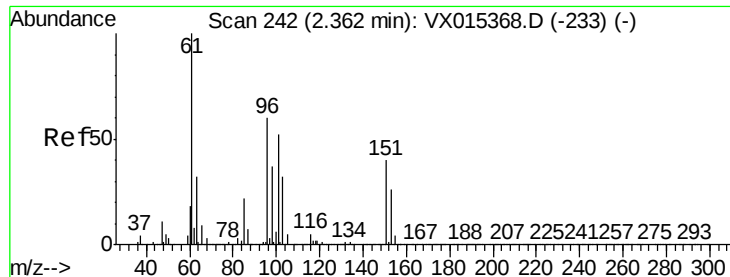


#8

Diethyl Ether
 Concen: 18.690 ug/l
 RT: 2.17 min Scan# 210
 Delta R.T. -0.00 min
 Lab File: VX015503.D
 Acq: 06 Apr 2020 11:33

Tgt Ion: 74 Resp: 127573
 Ion Ratio Lower Upper
 74 100
 45 106.5 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.006 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

VX0406WBS01

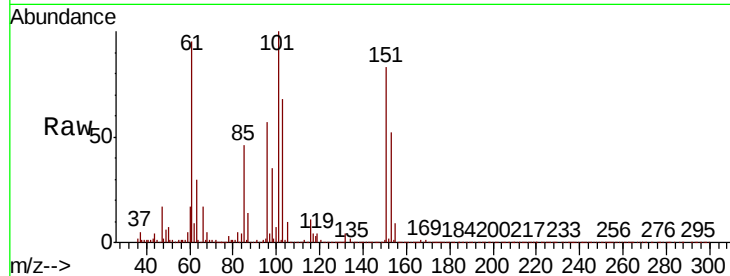
Tot Ion:101 Resp: 221613

Ion Ratio Lower Upper

101 100

85 44.3 35.0 52.4

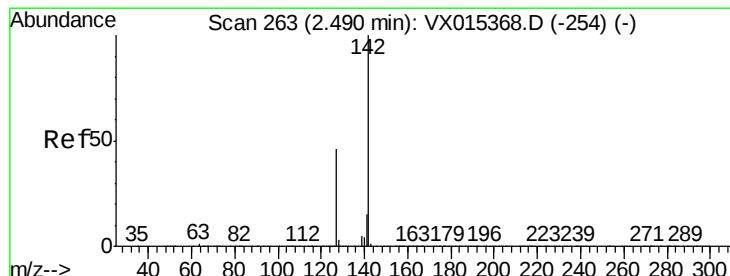
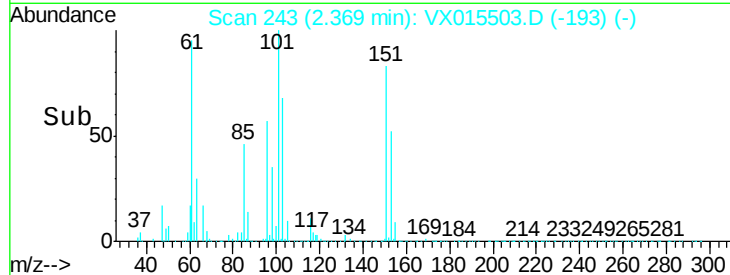
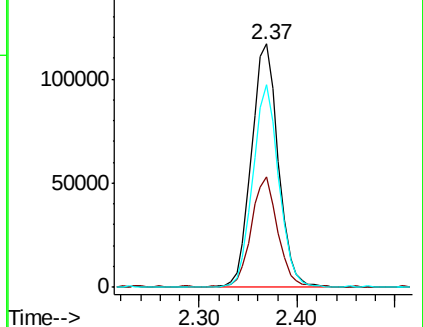
151 81.4 64.1 96.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.346 ug/l

RT: 2.49 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

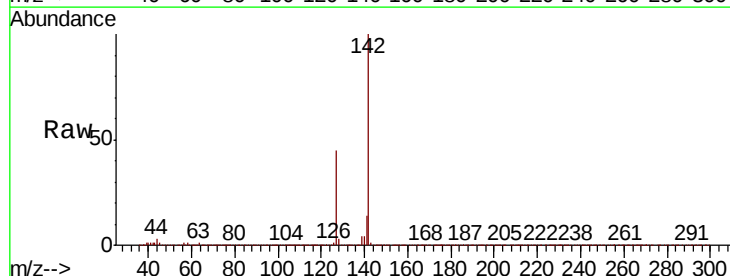
Tgt Ion:142 Resp: 246722

Ion Ratio Lower Upper

142 100

127 44.9 35.9 53.9

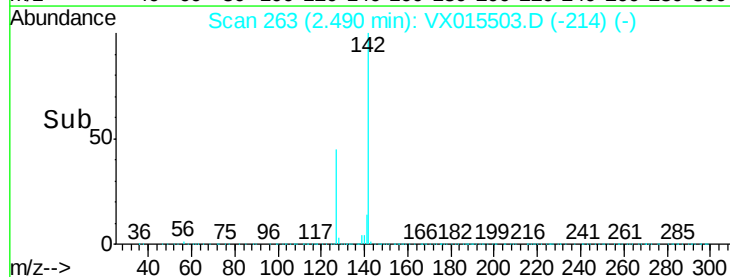
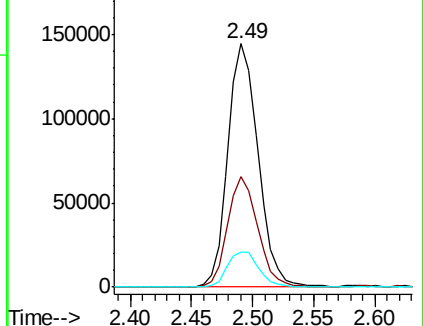
141 15.6 11.6 17.4

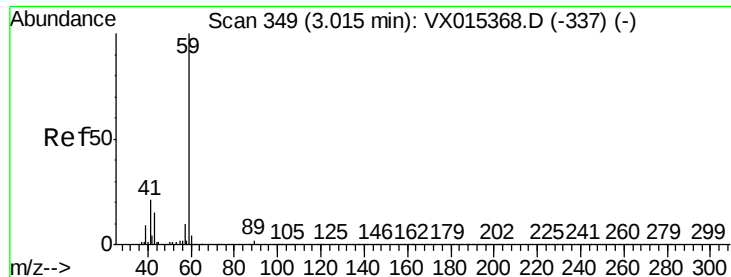


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

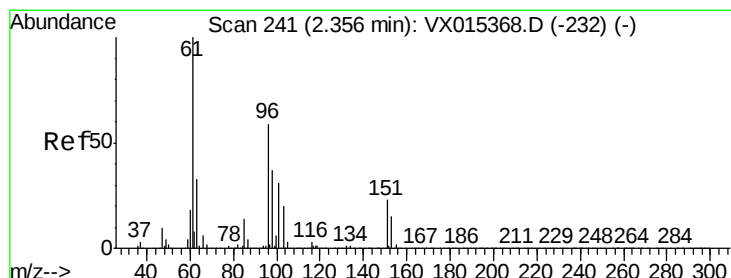
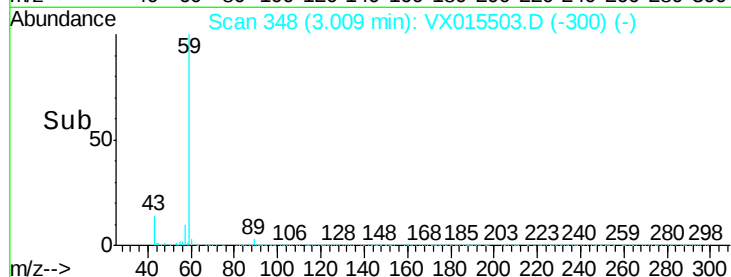
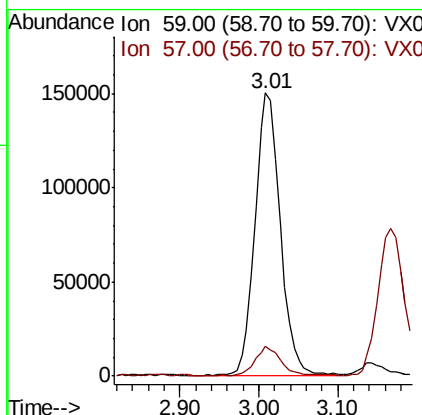
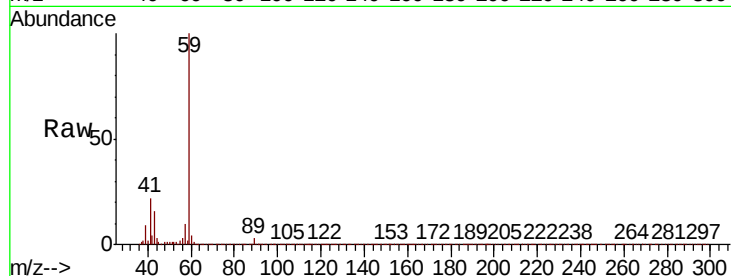




#11
Tert butyl alcohol
Concen: 84.658 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.01 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

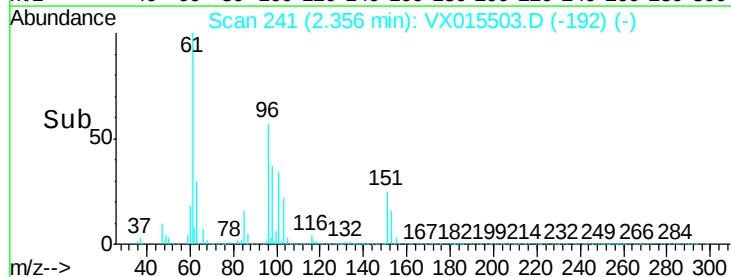
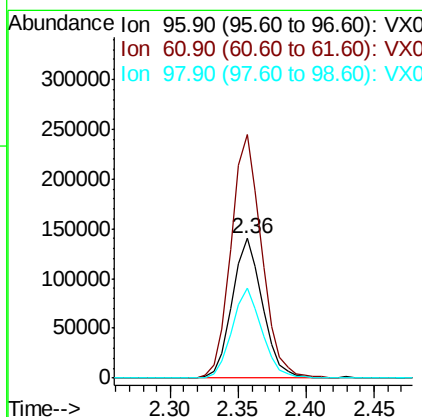
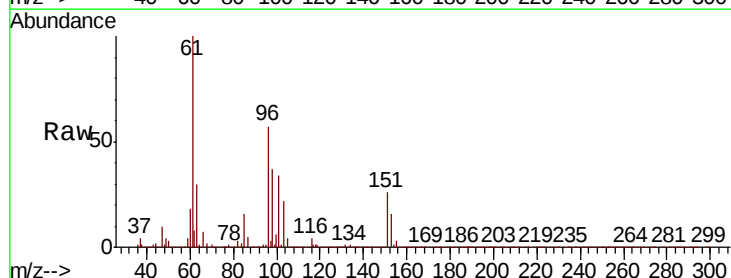
Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01

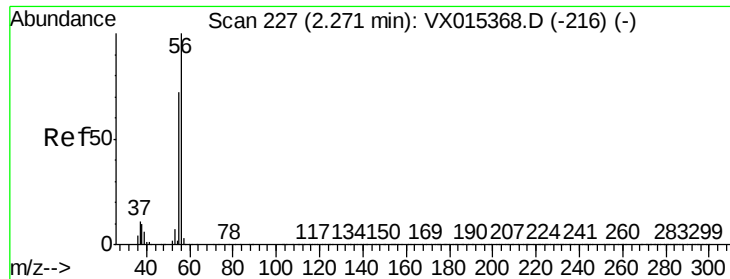
Tot Ion: 59 Resp: 334753
Ion Ratio Lower Upper
59 100
57 9.9 8.1 12.1



#12
1,1-Dichloroethene
Concen: 19.640 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Tgt Ion: 96 Resp: 217192
Ion Ratio Lower Upper
96 100
61 174.5 135.7 203.5
98 64.6 50.6 75.8

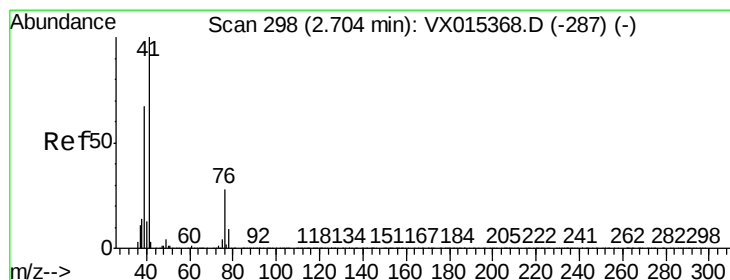
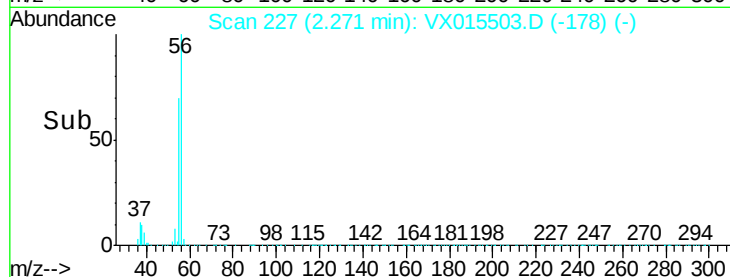
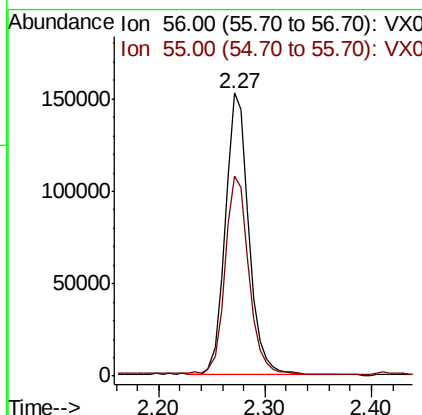
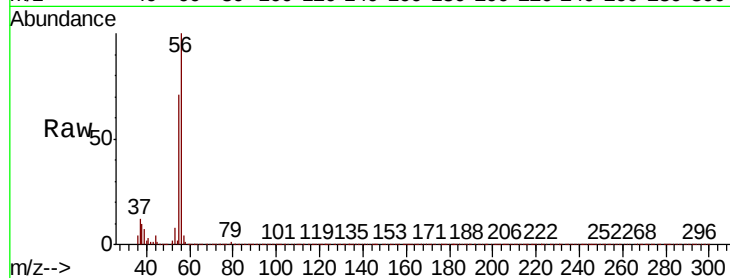




#13
Acrolein
Concen: 104.329 ug/l
RT: 2.27 min Scan# 227
Delta R.T. -0.00 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

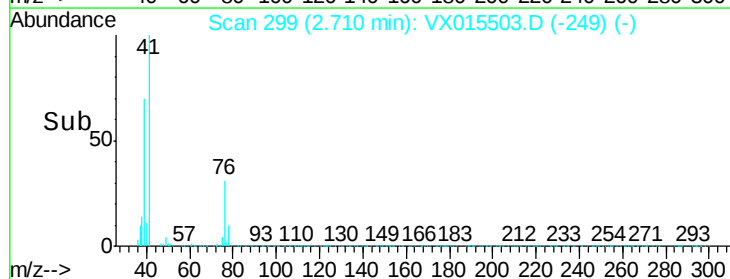
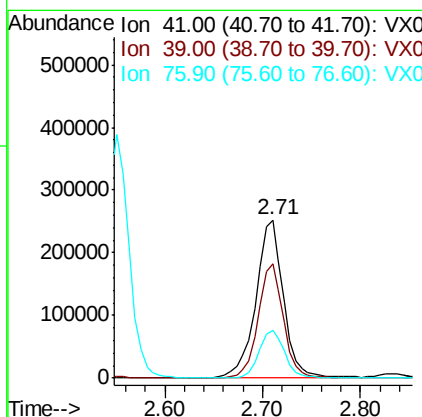
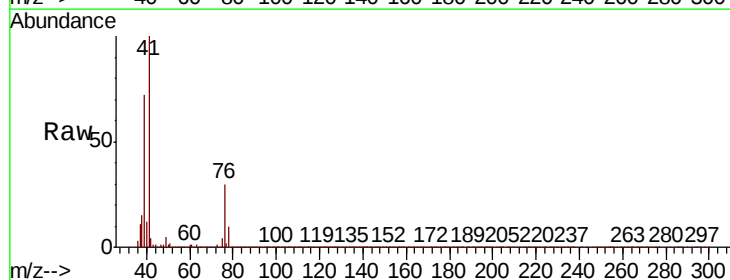
Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01

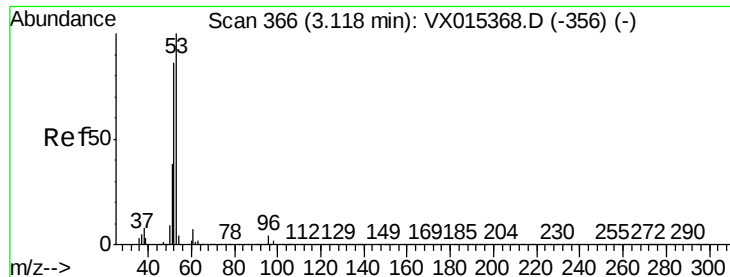
Tot Ion: 56 Resp: 235000
Ion Ratio Lower Upper
56 100
55 72.3 57.0 85.4



#14
Allyl chloride
Concen: 18.916 ug/l
RT: 2.71 min Scan# 299
Delta R.T. 0.01 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Tgt Ion: 41 Resp: 488764
Ion Ratio Lower Upper
41 100
39 66.2 51.4 77.0
76 27.9 21.8 32.8





#15

Acrylonitrile

Concen: 90.193 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

VX0406WBS01

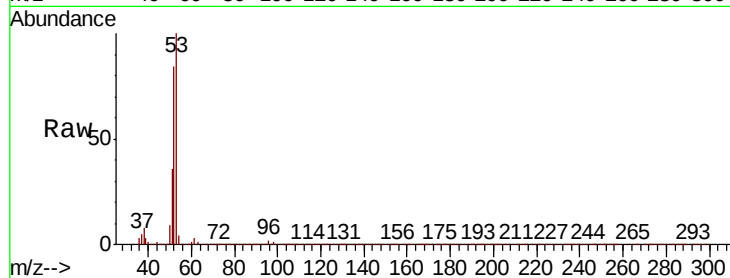
Tot Ion: 53 Resp: 680139

Ion Ratio Lower Upper

53 100

52 84.1 66.8 100.2

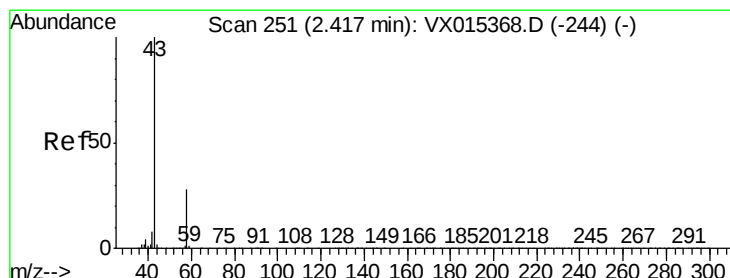
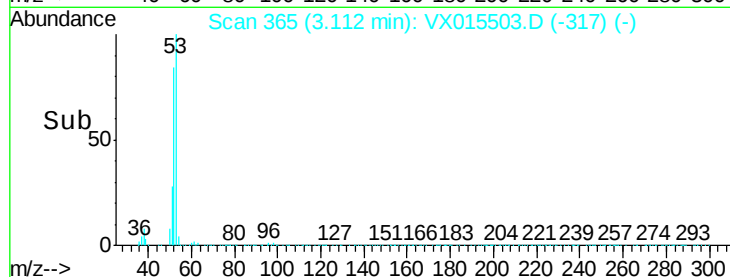
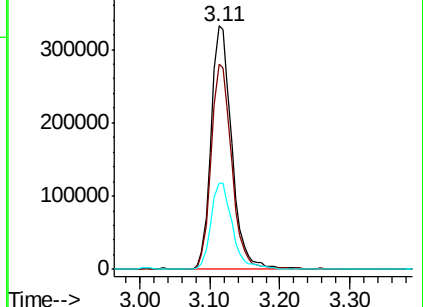
51 36.8 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 94.459 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.00 min

Lab File: VX015503.D

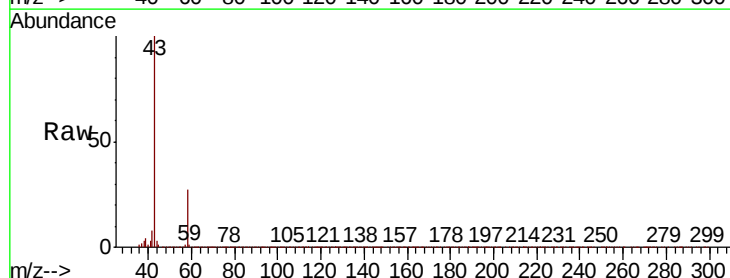
Acq: 06 Apr 2020 11:33

Tgt Ion: 43 Resp: 670417

Ion Ratio Lower Upper

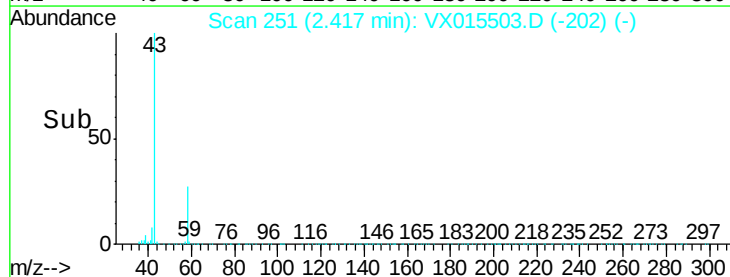
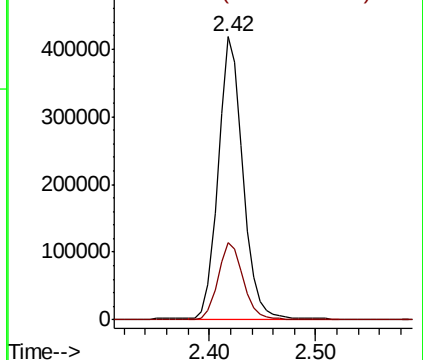
43 100

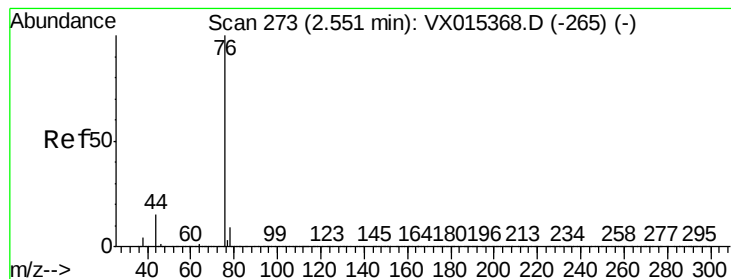
58 27.3 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 18.502 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

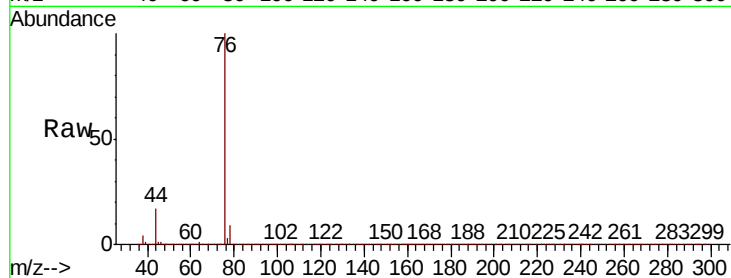
VX0406WBS01

Tot Ion: 76 Resp: 624168

Ion Ratio Lower Upper

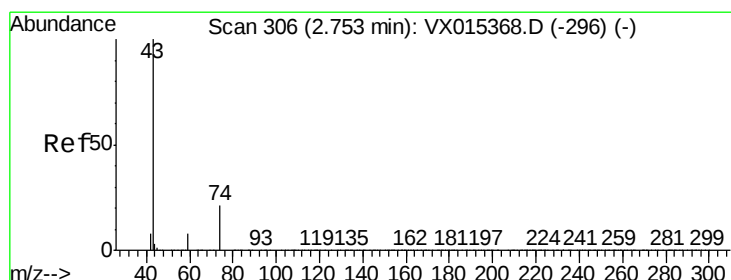
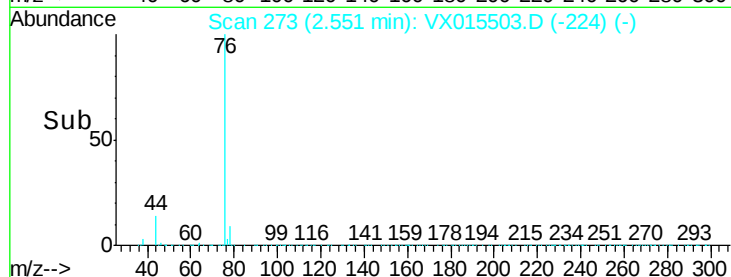
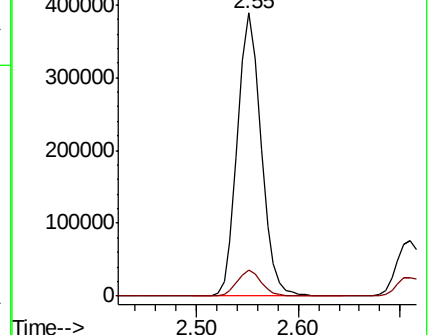
76 100

78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.342 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015503.D

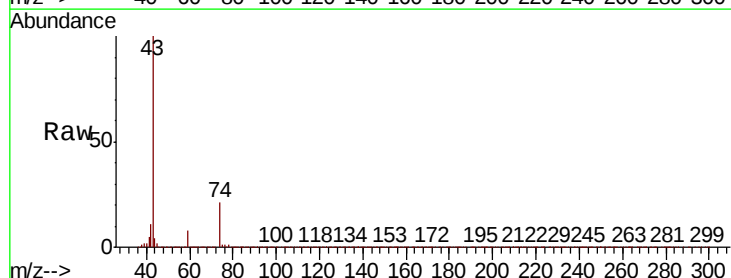
Acq: 06 Apr 2020 11:33

Tgt Ion: 43 Resp: 332267

Ion Ratio Lower Upper

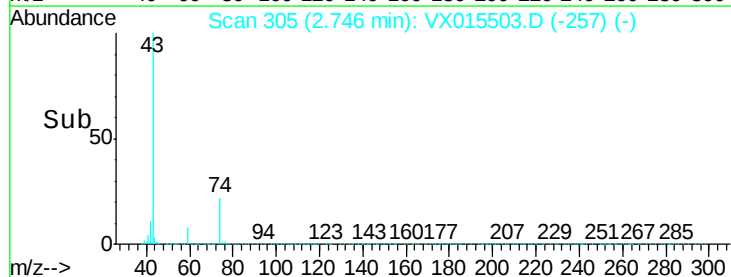
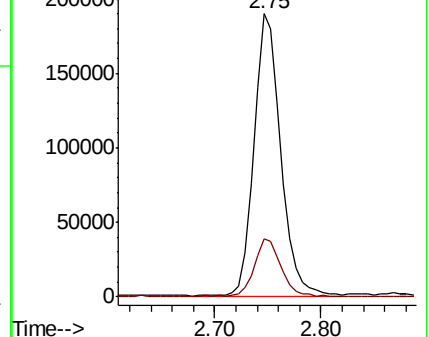
43 100

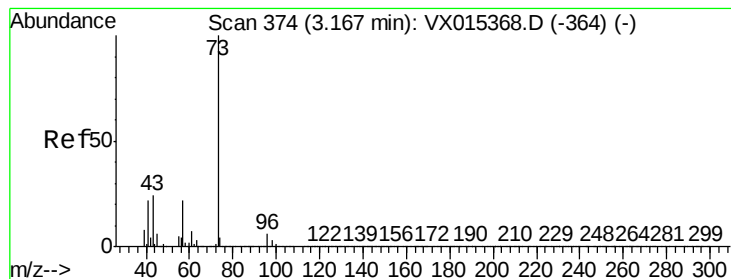
74 20.7 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



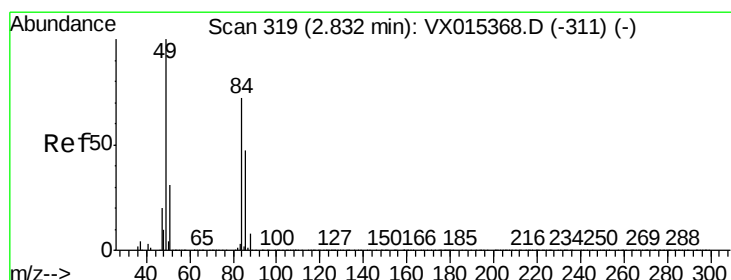
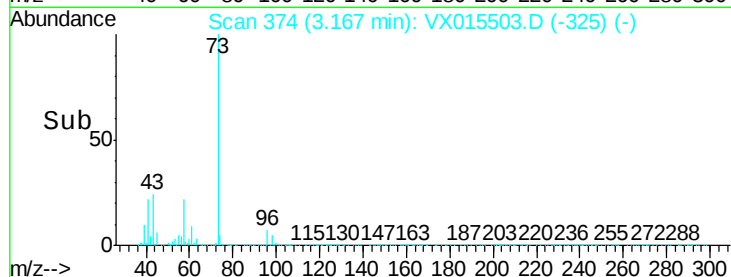
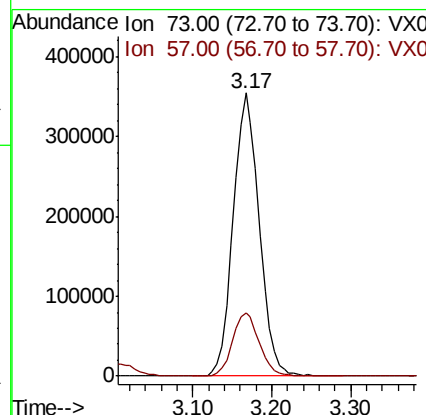
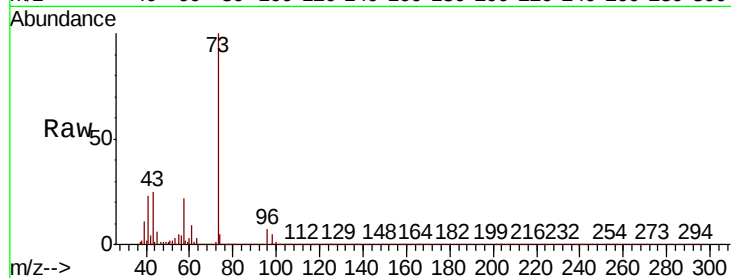


#19

Methyl tert-butyl Ether
 Concen: 18.868 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VX015503.D
 Acq: 06 Apr 2020 11:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0406WBS01

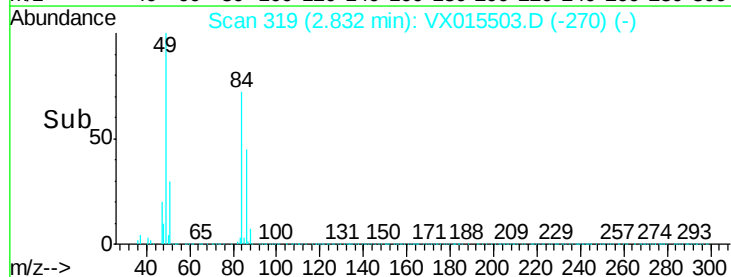
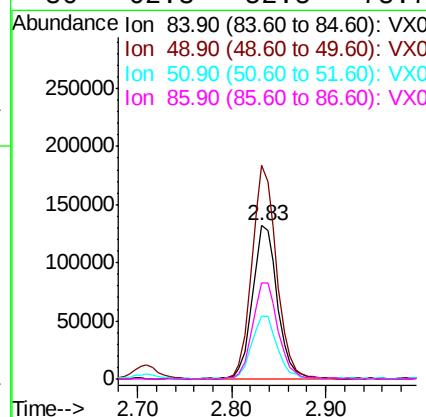
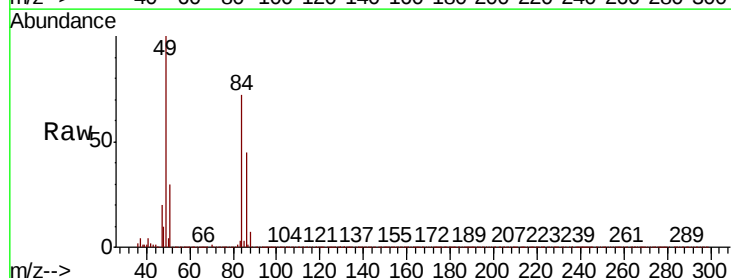
Tot Ion: 73 Resp: 809232
 Ion Ratio Lower Upper
 73 100
 57 22.1 17.9 26.9

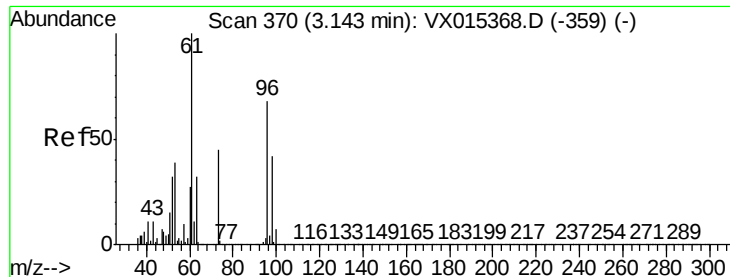


#20

Methylene Chloride
 Concen: 18.382 ug/l
 RT: 2.83 min Scan# 319
 Delta R.T. -0.00 min
 Lab File: VX015503.D
 Acq: 06 Apr 2020 11:33

Tgt Ion: 84 Resp: 243690
 Ion Ratio Lower Upper
 84 100
 49 139.3 111.3 166.9
 51 41.2 34.0 51.0
 86 62.3 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 19.032 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

VX0406WBS01

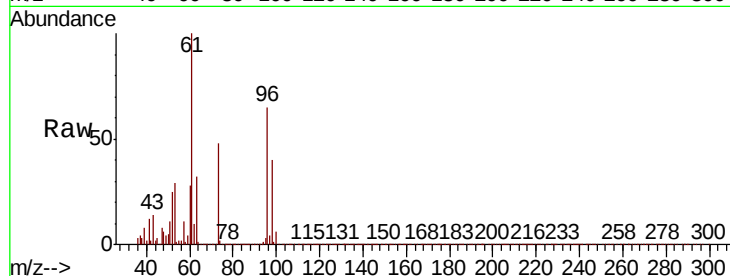
Tot Ion: 96 Resp: 233572

Ion Ratio Lower Upper

96 100

61 152.8 116.9 175.3

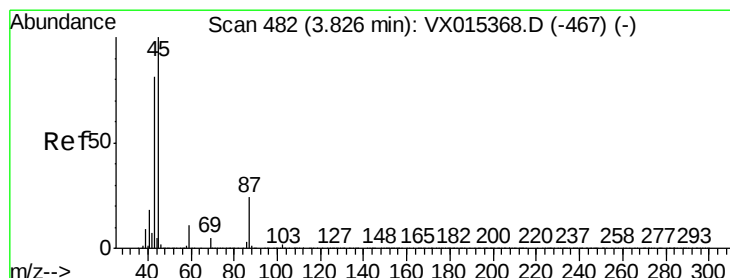
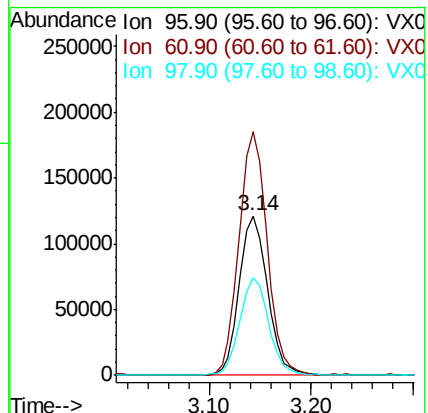
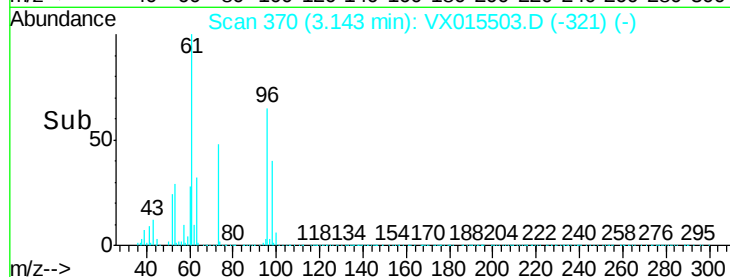
98 61.2 48.6 73.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.332 ug/l

RT: 3.83 min Scan# 482

Delta R.T. -0.00 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Tgt Ion: 45 Resp: 885146

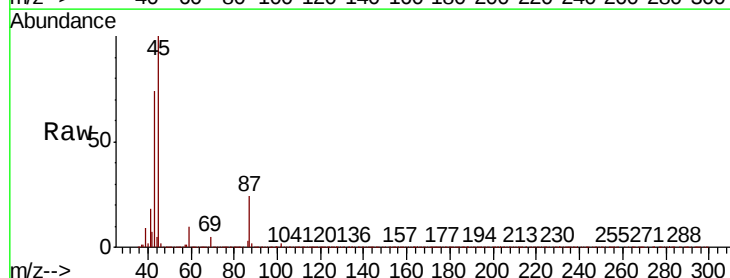
Ion Ratio Lower Upper

45 100

43 73.9 64.7 97.1

87 23.9 19.4 29.0

59 10.1 8.7 13.1

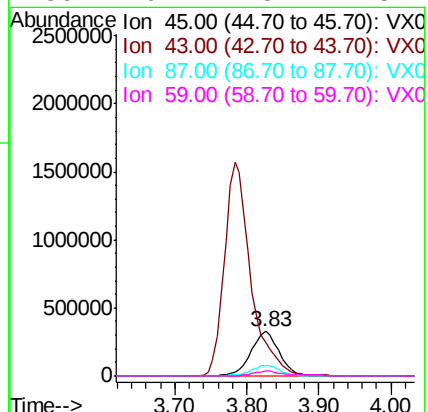
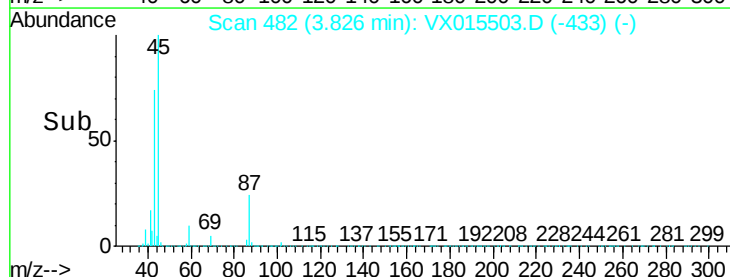


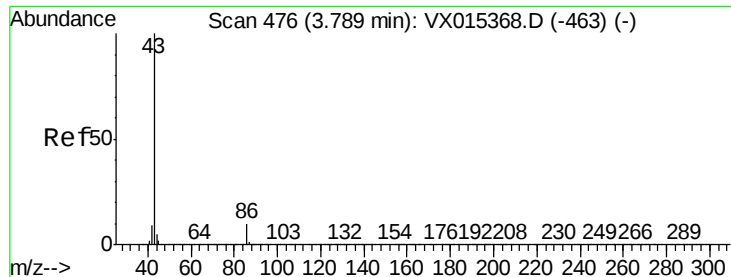
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 96.650 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

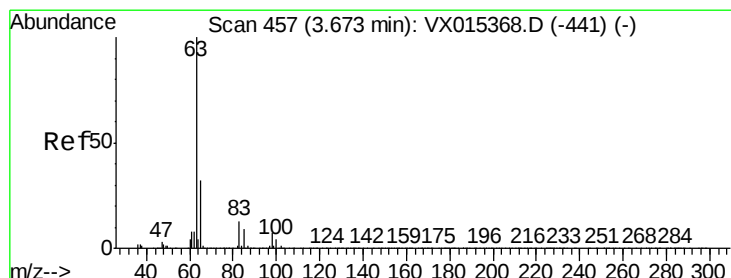
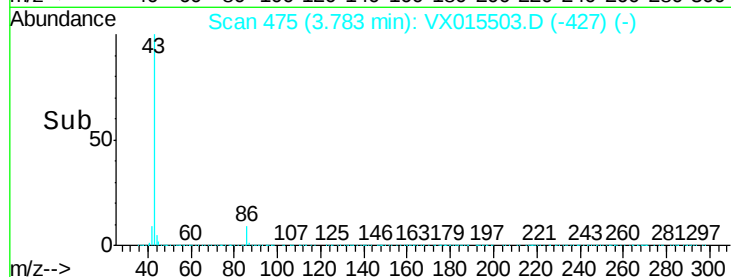
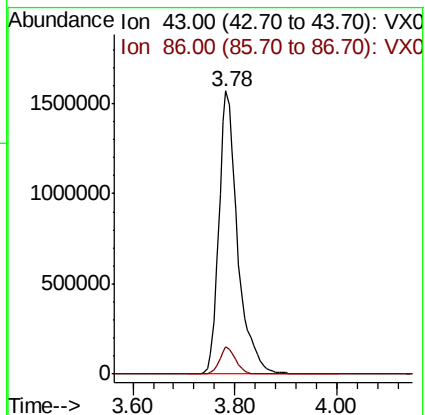
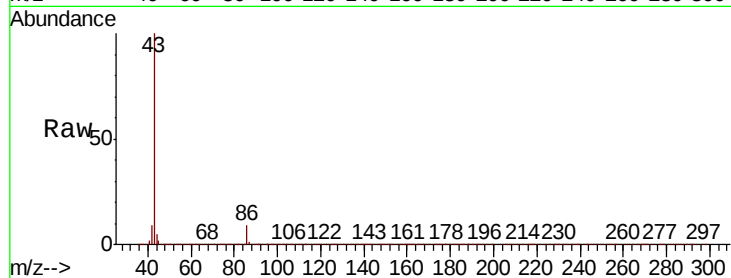
VX0406WBS01

Tot Ion: 43 Resp: 4006673

Ion Ratio Lower Upper

43 100

86 9.4 7.8 11.6



#24

1,1-Dichloroethane

Concen: 18.658 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.00 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

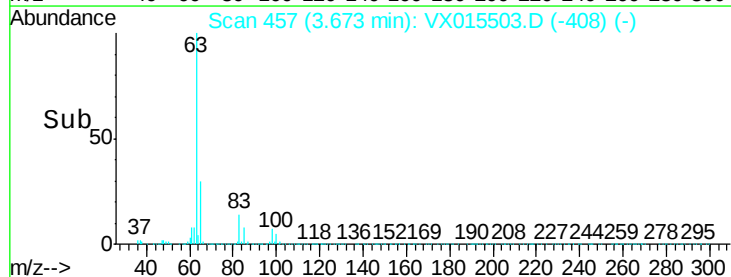
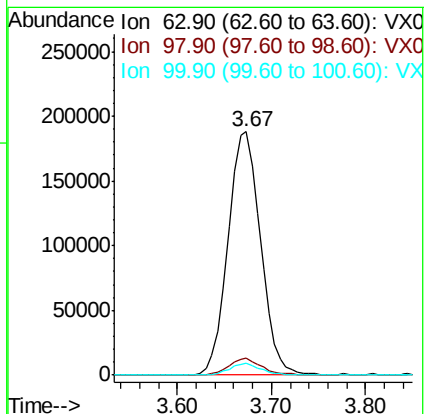
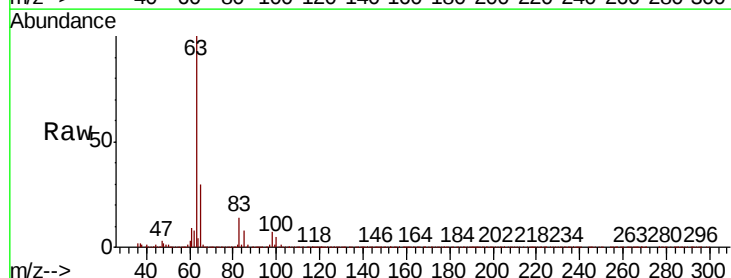
Tgt Ion: 63 Resp: 449784

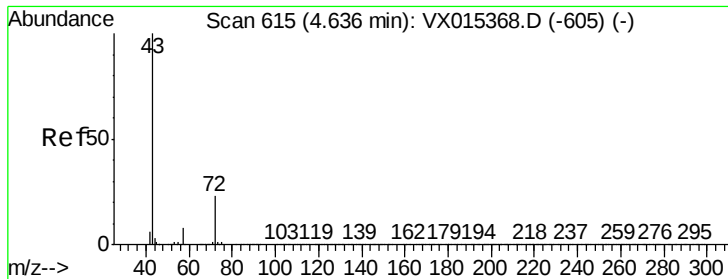
Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.8

100 4.7 2.1 6.5

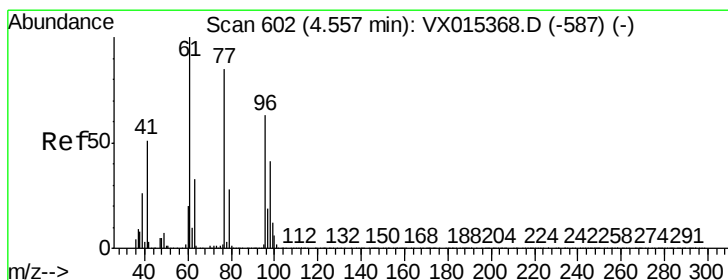
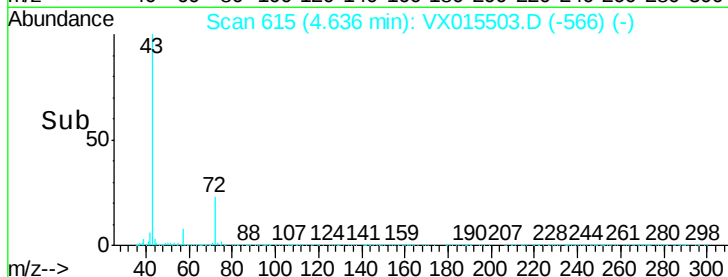
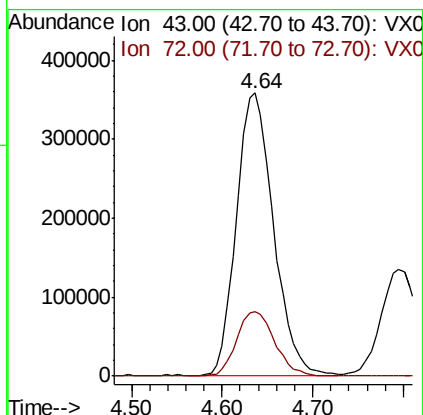
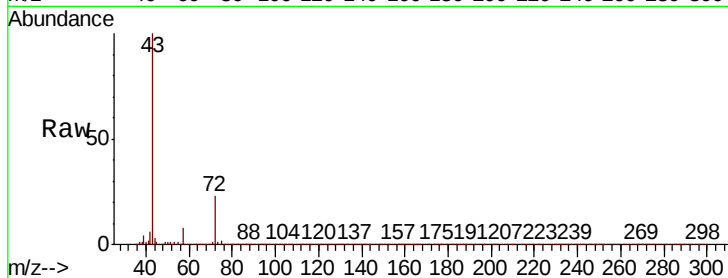




#25
2-Butanone
Concen: 88.555 ug/l
RT: 4.64 min Scan# 615
Delta R.T. -0.00 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

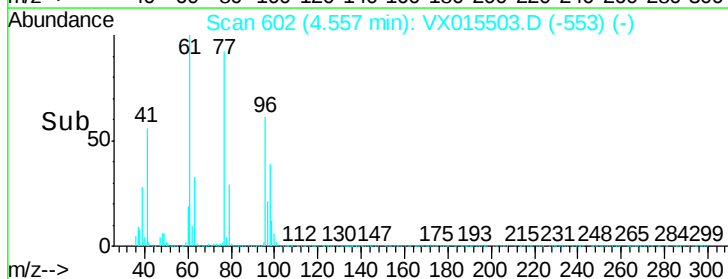
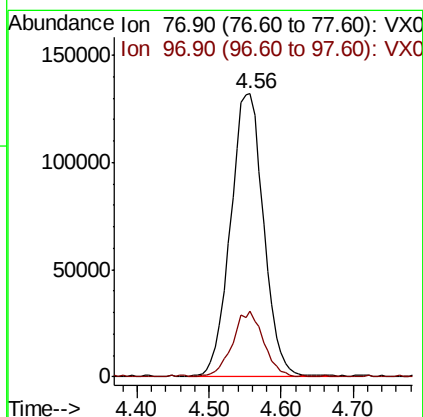
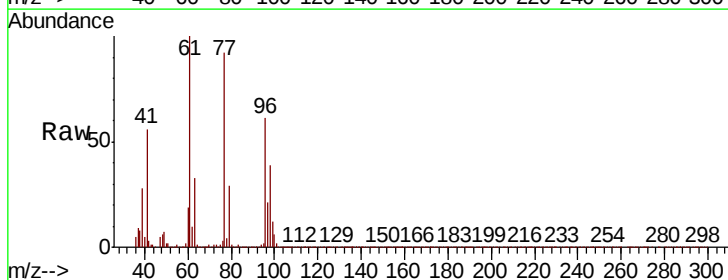
Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01

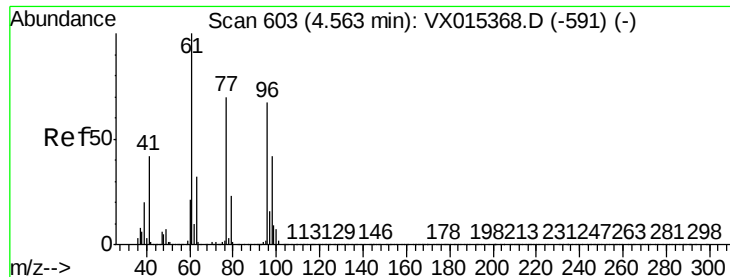
Tot Ion: 43 Resp: 1010788
Ion Ratio Lower Upper
43 100
72 22.8 19.0 28.4



#26
2,2-Dichloropropane
Concen: 21.182 ug/l
RT: 4.56 min Scan# 602
Delta R.T. -0.00 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Tgt Ion: 77 Resp: 419140
Ion Ratio Lower Upper
77 100
97 21.5 11.3 33.8



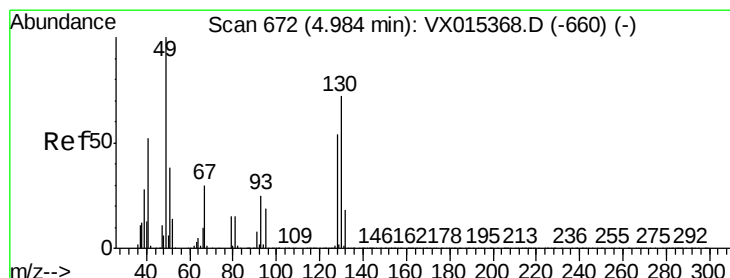
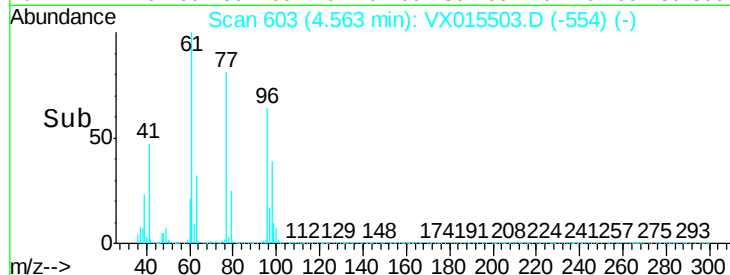
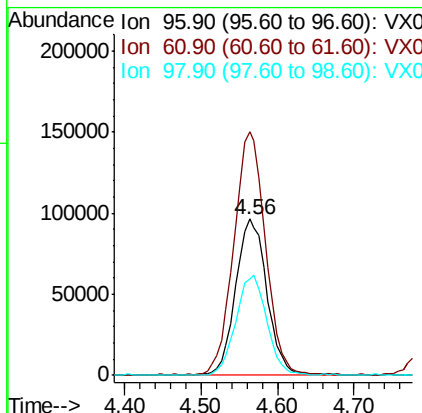
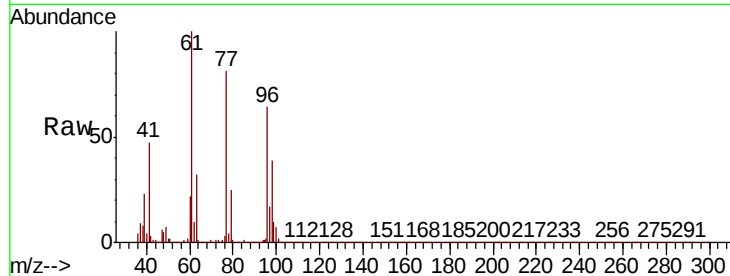


#27

cis-1,2-Dichloroethene
Concen: 19.110 ug/l
RT: 4.56 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01

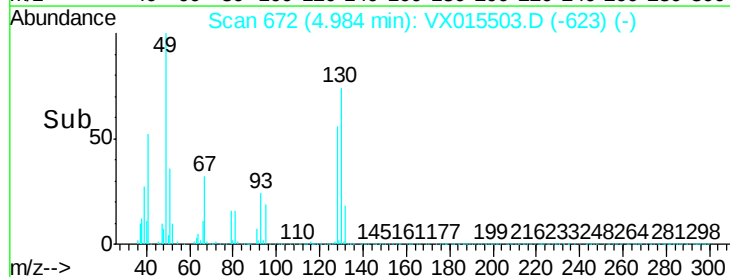
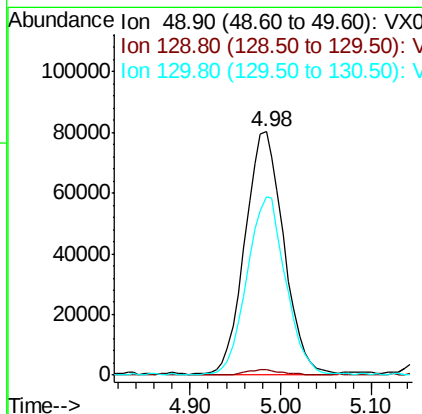
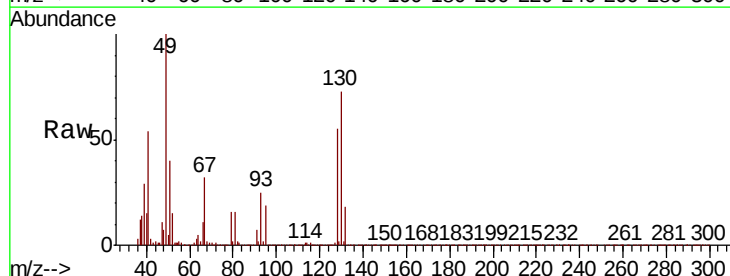
Tot Ion	Ratio	Lower	Upper
96	100		
61	159.2	0.0	308.4
98	63.0	0.0	129.2

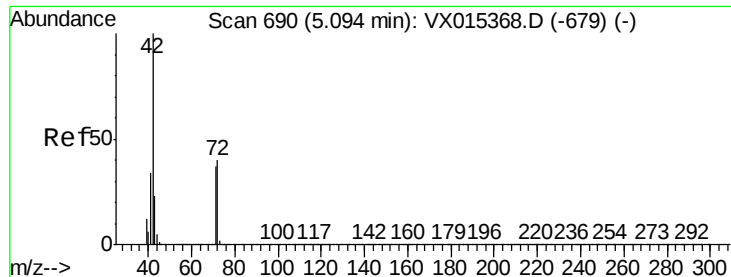


#28

Bromochloromethane
Concen: 20.457 ug/l
RT: 4.98 min Scan# 672
Delta R.T. -0.00 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	73.4	57.7	86.5





#29

Tetrahydrofuran

Concen: 88.456 ug/l

RT: 5.09 min Scan# 690

Delta R.T. -0.00 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

VX0406WBS01

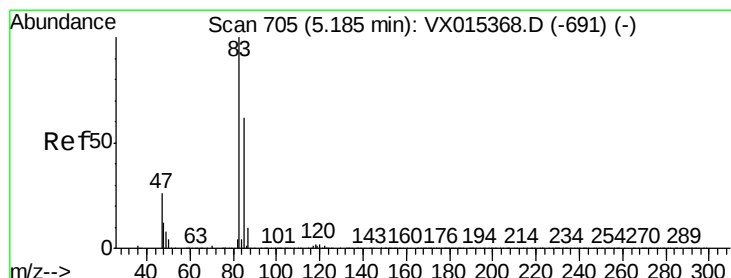
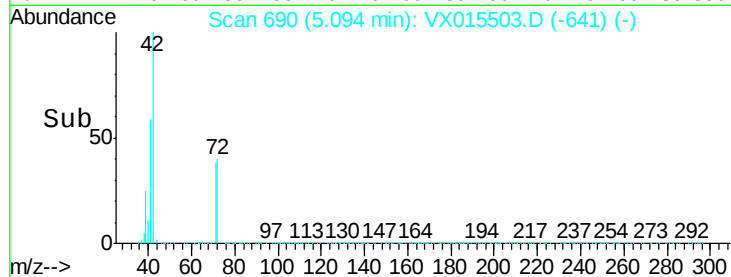
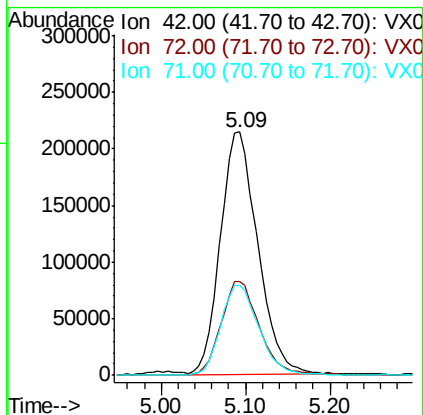
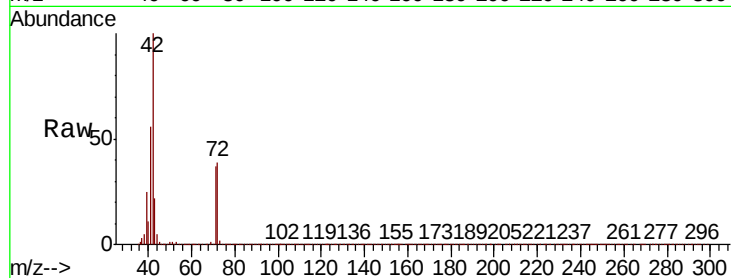
Tot Ion: 42 Resp: 649081

Ion Ratio Lower Upper

42 100

72 39.7 31.7 47.5

71 37.8 29.6 44.4



#30

Chloroform

Concen: 19.164 ug/l

RT: 5.17 min Scan# 703

Delta R.T. -0.01 min

Lab File: VX015503.D

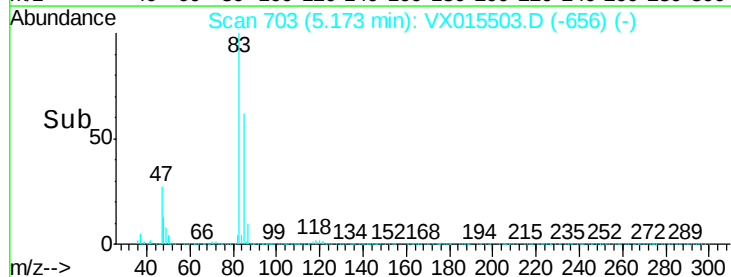
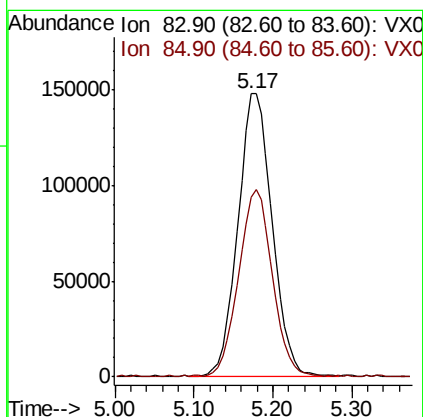
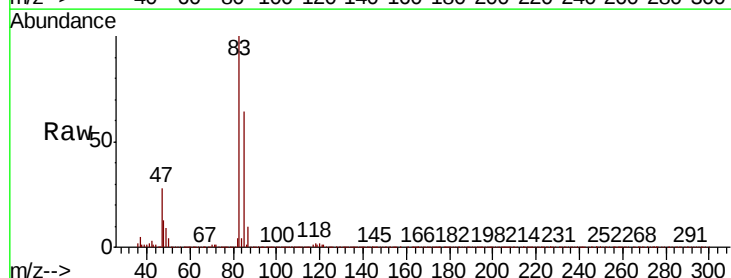
Acq: 06 Apr 2020 11:33

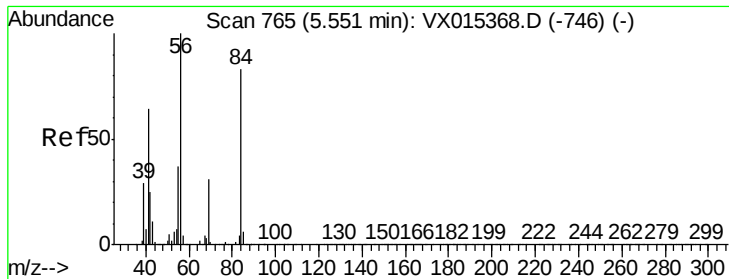
Tgt Ion: 83 Resp: 444471

Ion Ratio Lower Upper

83 100

85 63.7 49.5 74.3

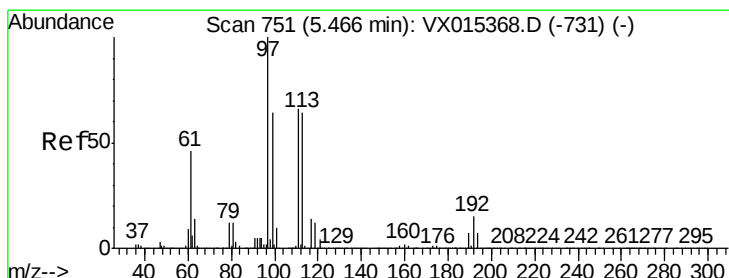
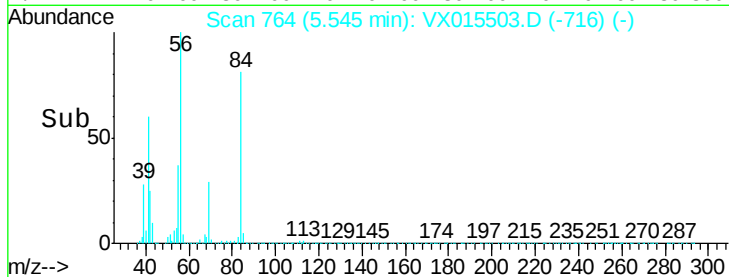
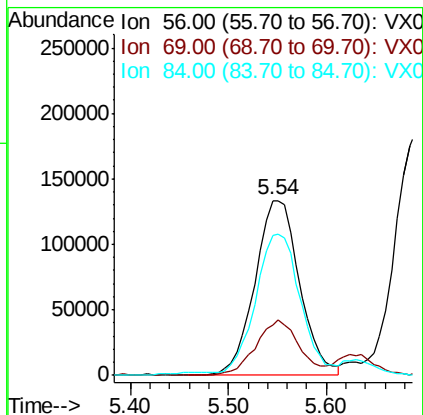
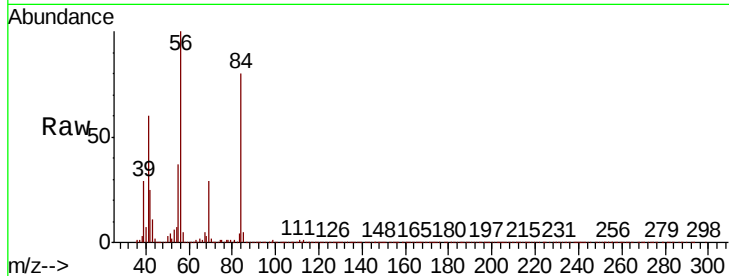




#31
Cyclohexane
Concen: 20.101 ug/l
RT: 5.54 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

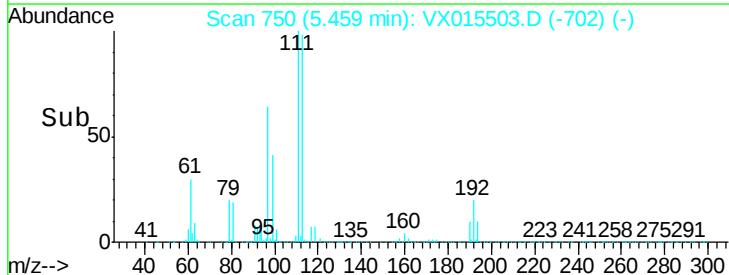
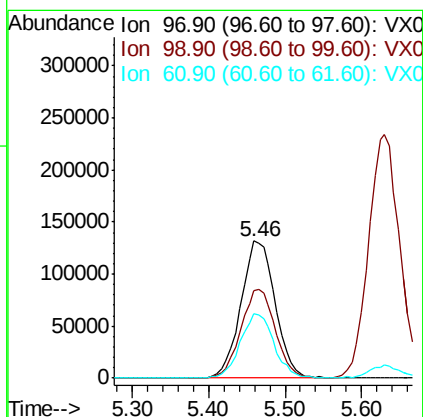
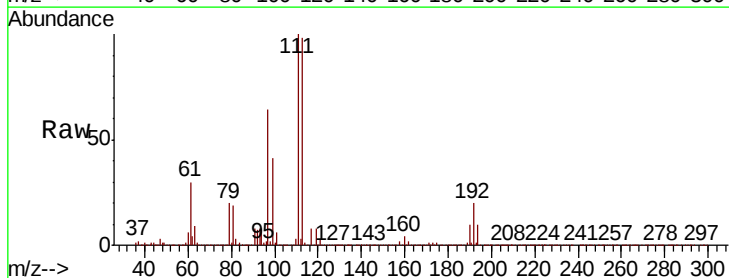
Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01

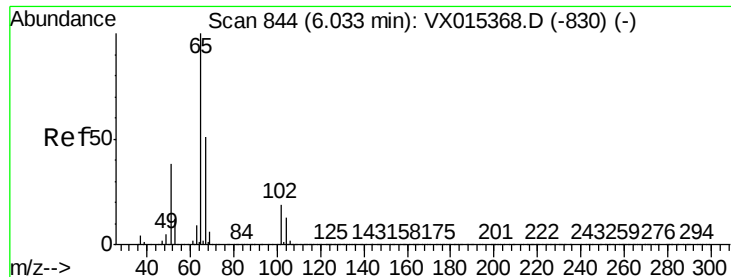
Tot Ion: 56 Resp: 420363
Ion Ratio Lower Upper
56 100
69 28.8 24.6 36.8
84 78.8 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 19.431 ug/l
RT: 5.46 min Scan# 750
Delta R.T. -0.01 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Tgt Ion: 97 Resp: 407866
Ion Ratio Lower Upper
97 100
99 64.7 51.0 76.4
61 46.6 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 49.075 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.00 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

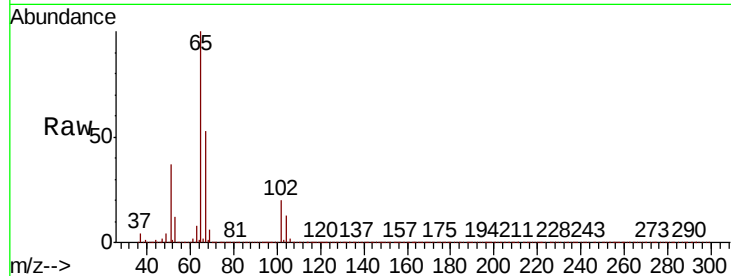
VX0406WBS01

Tot Ion: 65 Resp: 810720

Ion Ratio Lower Upper

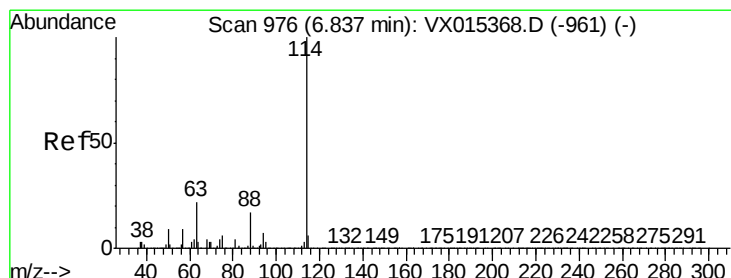
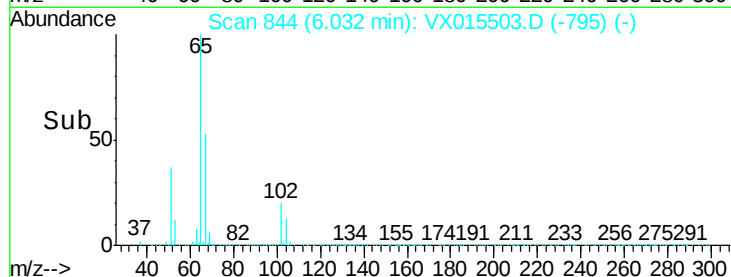
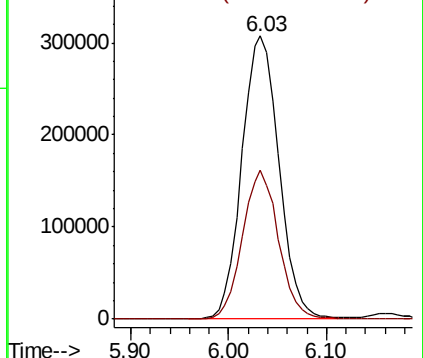
65 100

67 50.7 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

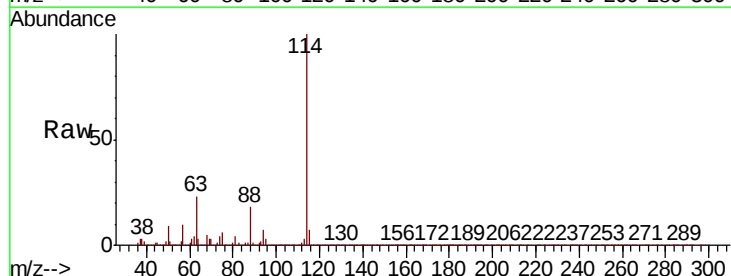
Tgt Ion: 114 Resp: 1793939

Ion Ratio Lower Upper

114 100

63 23.0 0.0 44.2

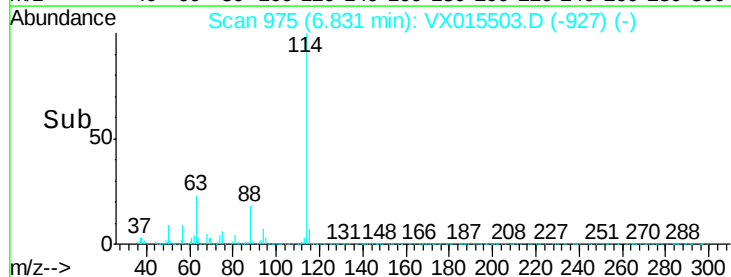
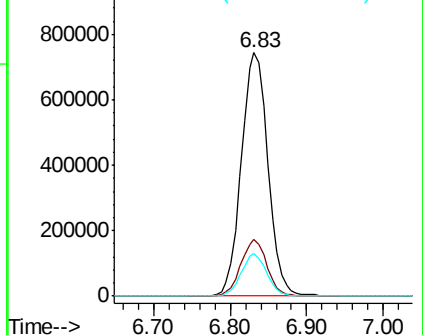
88 17.5 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

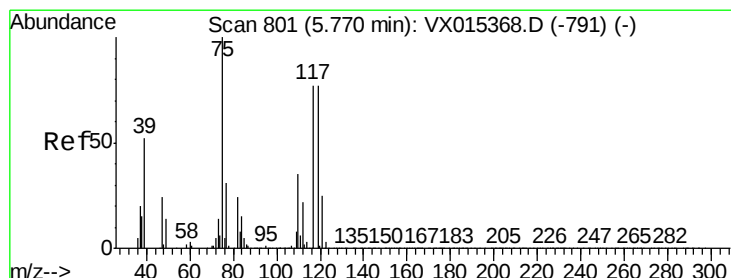
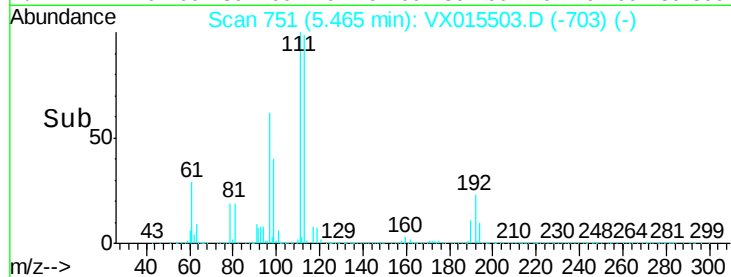
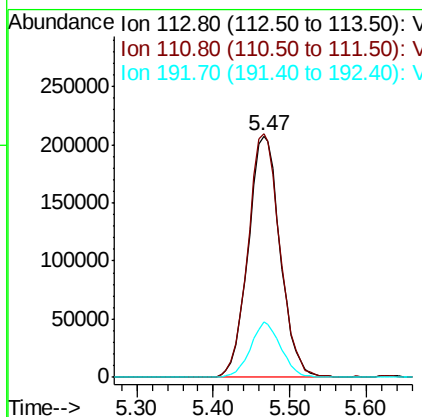
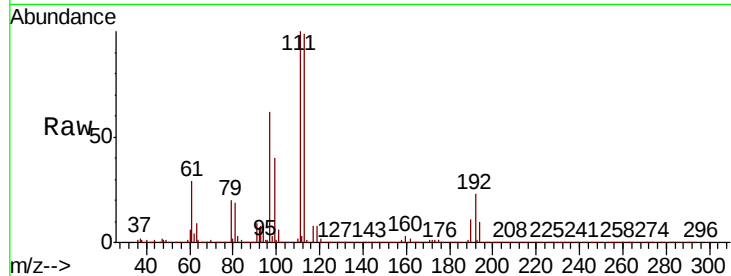




#35
 Dibromofluoromethane
 Concen: 52.449 ug/l
 RT: 5.47 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: VX015503.D
 Acq: 06 Apr 2020 11:33

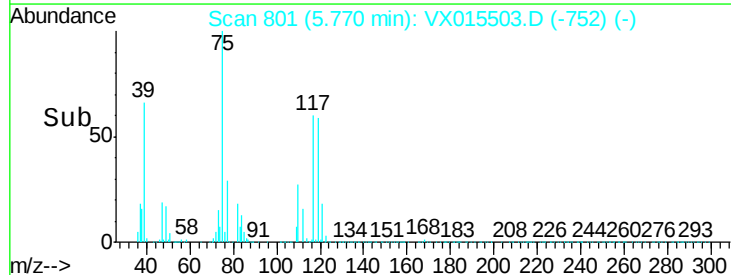
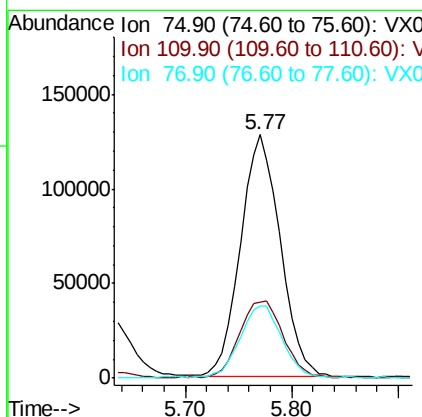
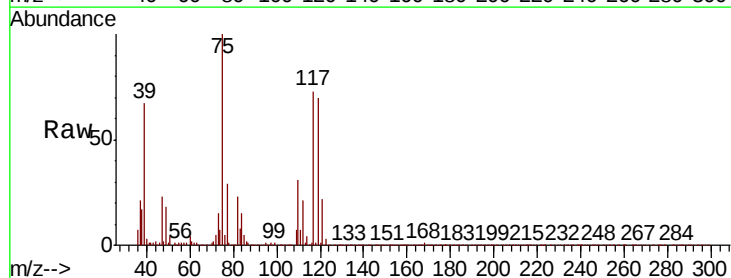
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0406WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.5	122.3
192	21.8	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 20.359 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: VX015503.D
 Acq: 06 Apr 2020 11:33

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.6	17.1	51.3
77	31.1	24.6	36.8

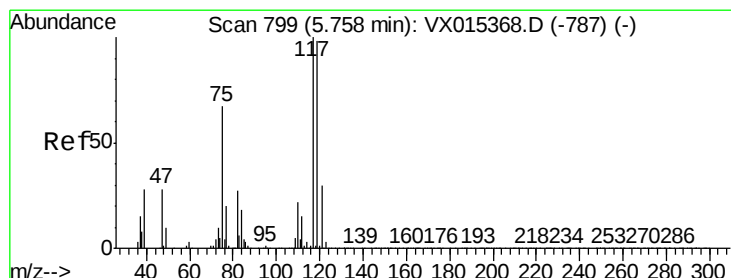
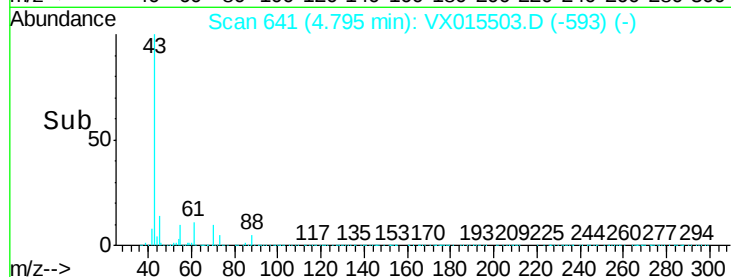
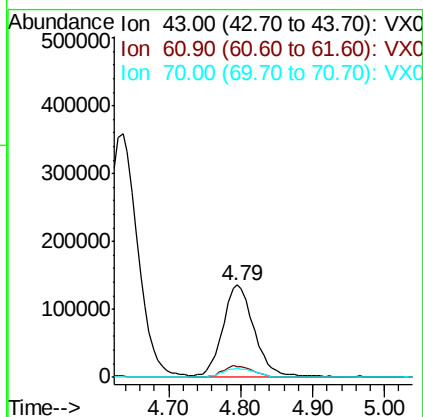
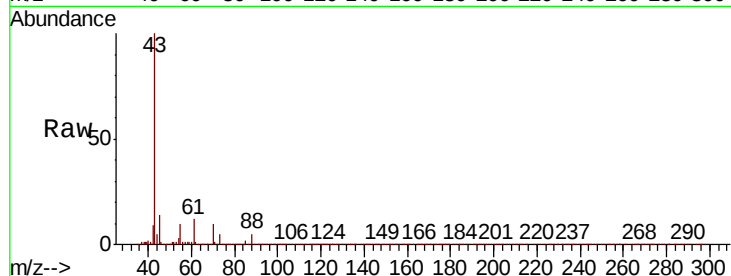




#37
Ethyl Acetate
Concen: 18.646 ug/l
RT: 4.79 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

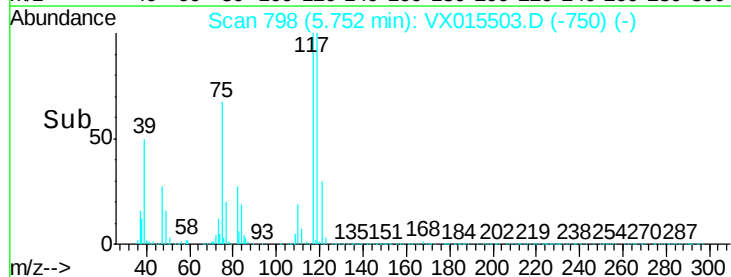
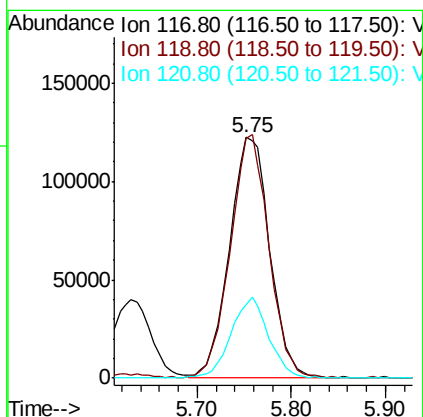
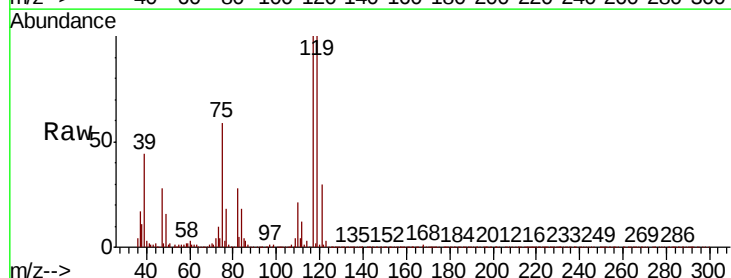
Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01

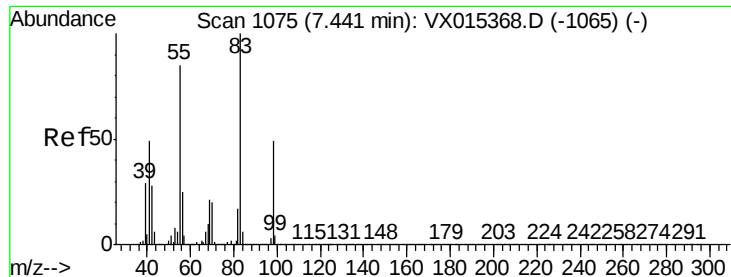
Tot Ion:	43	Resp:	401293
Ion	Ratio	Lower	Upper
43	100		
61	11.8	9.9	14.9
70	9.7	8.1	12.1



#38
Carbon Tetrachloride
Concen: 20.228 ug/l
RT: 5.75 min Scan# 798
Delta R.T. -0.01 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Tgt Ion:	117	Resp:	362143
Ion	Ratio	Lower	Upper
117	100		
119	99.5	78.0	117.0
121	30.3	23.8	35.8

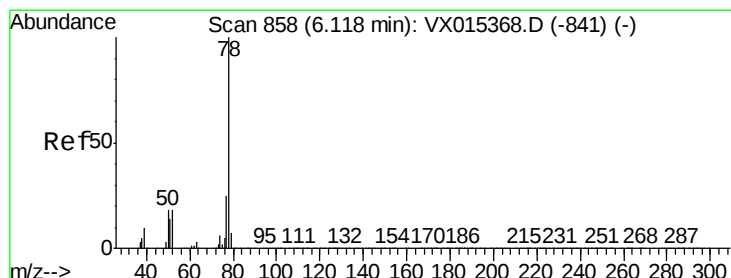
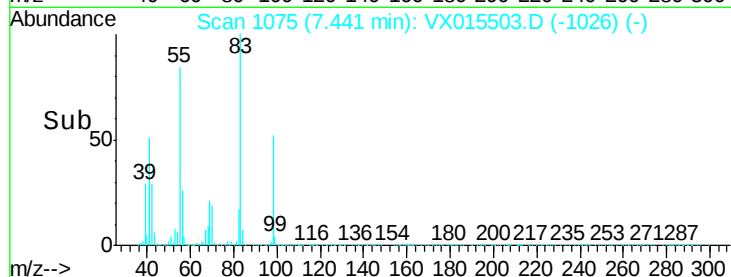
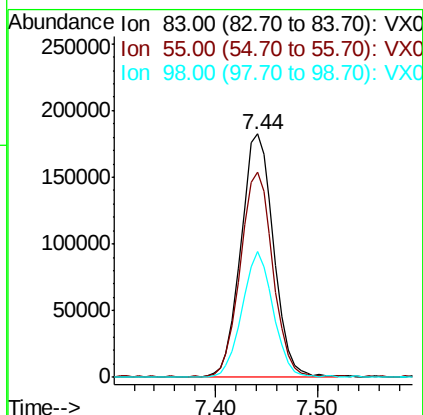
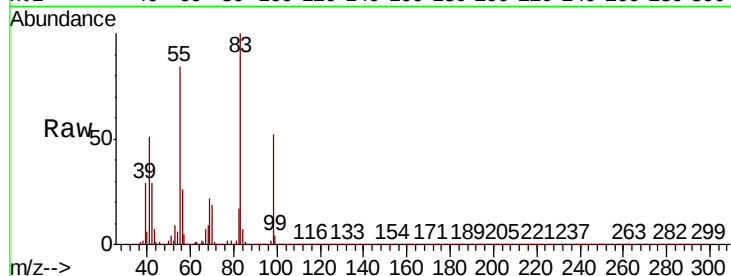




#39
Methvlcvclohexane
Concen: 21.213 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

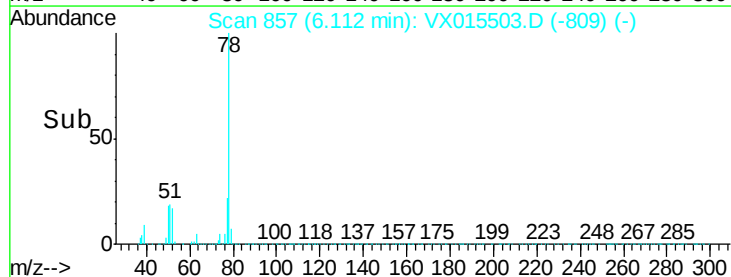
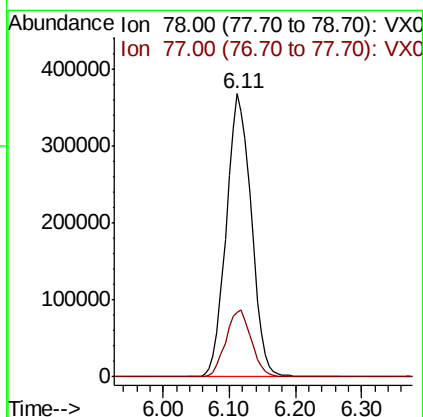
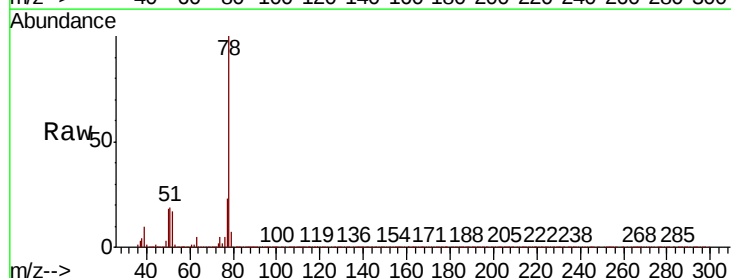
Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01

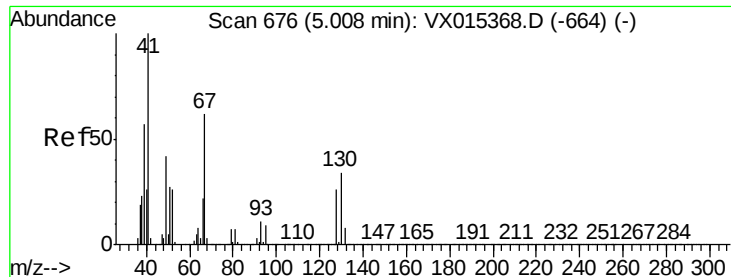
Tot Ion	83.00	Resp	404285
Ion Ratio	Lower	Upper	
83	100		
55	84.1	67.8	101.6
98	51.5	39.3	58.9



#40
Benzene
Concen: 19.810 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Tgt Ion	78.00	Resp	959189
Ion Ratio	Lower	Upper	
78	100		
77	22.7	19.8	29.8

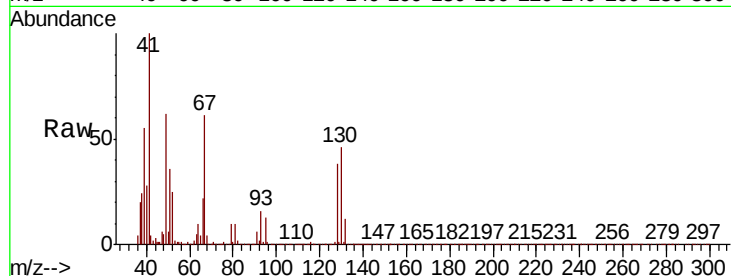




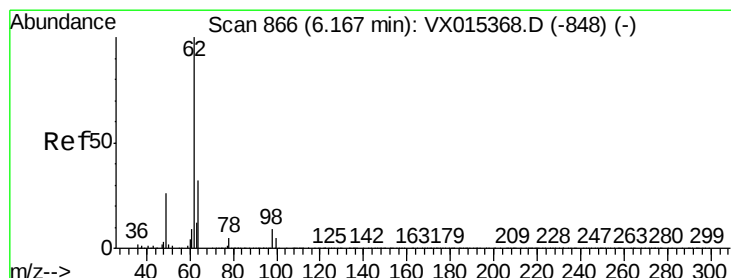
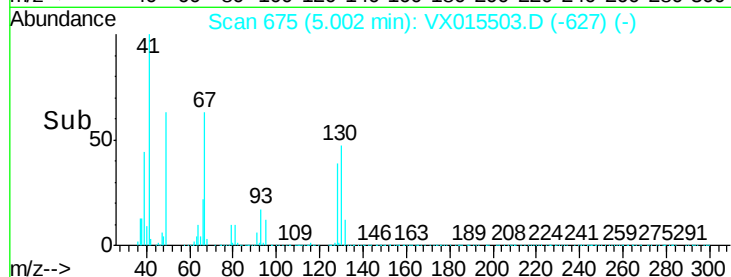
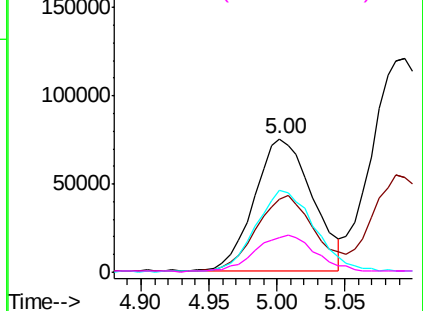
#41
Methacrylonitrile
Concen: 18.606 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01

Tot Ion:	41	Resp:	222293
Ion	Ratio	Lower	Upper
41	100		
39	57.9	44.5	66.7
67	62.6	48.9	73.3
52	29.2	21.8	32.6

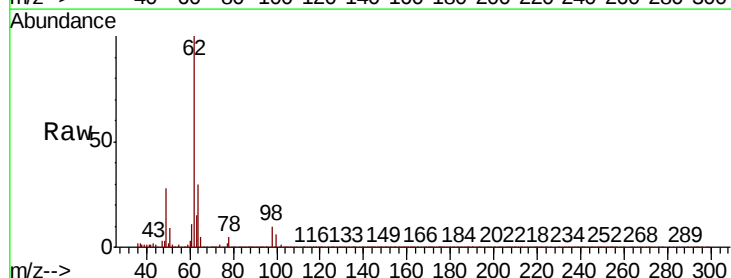


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

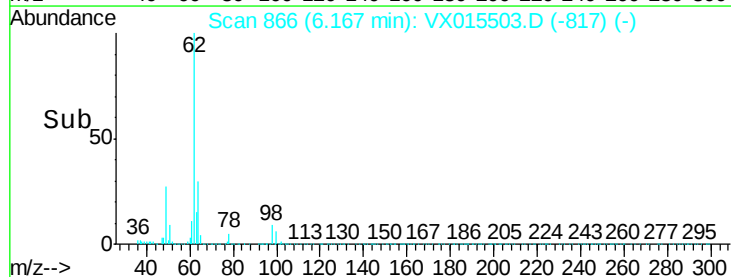
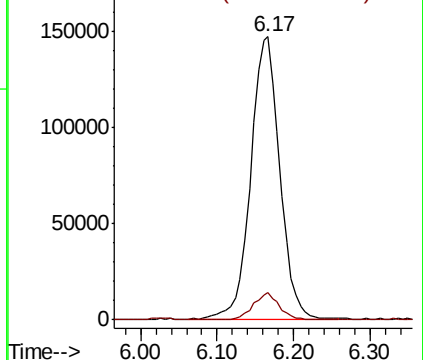


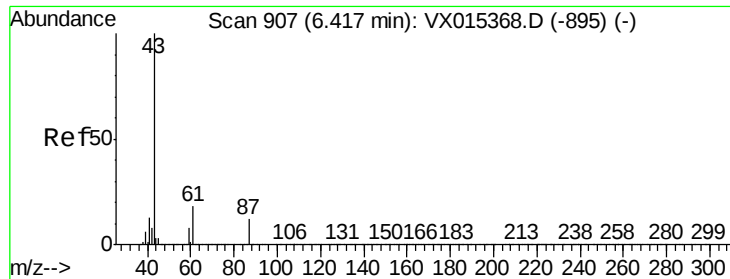
#42
1,2-Dichloroethane
Concen: 19.964 ug/l
RT: 6.17 min Scan# 866
Delta R.T. -0.00 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Tgt Ion:	62	Resp:	388281
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.6



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



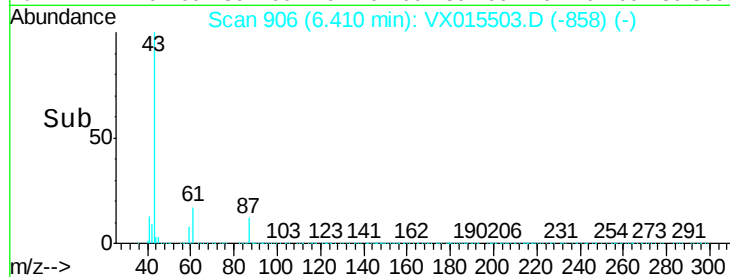
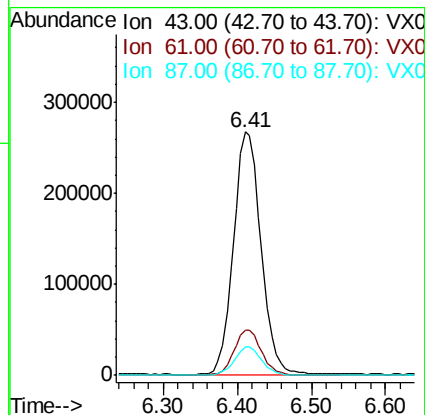
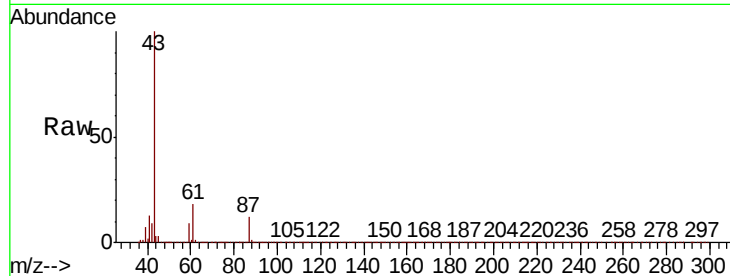


#43

Isopropyl Acetate
 Concen: 18.961 ug/l
 RT: 6.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: VX015503.D
 Acq: 06 Apr 2020 11:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0406WBS01

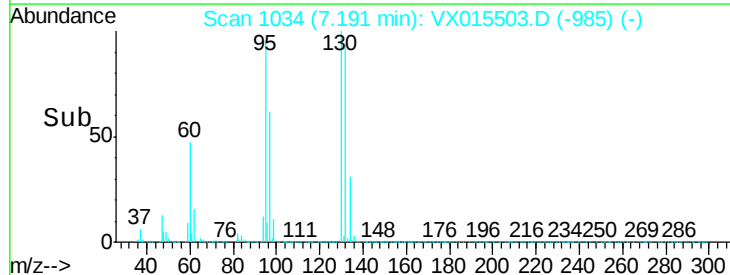
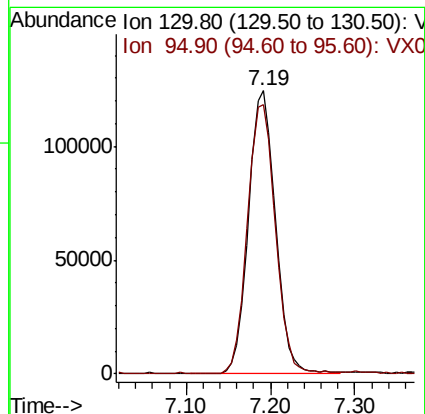
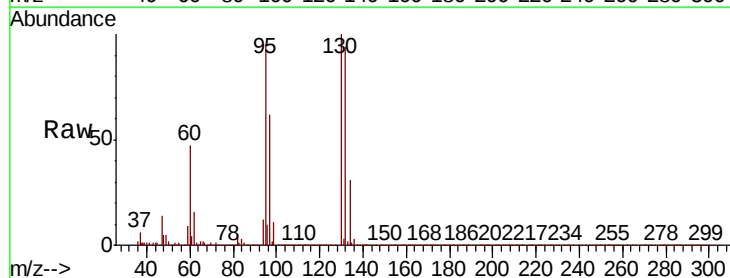
Tot Ion	Ratio	Lower	Upper
43	100		
61	18.4	14.8	22.2
87	11.7	9.4	14.0

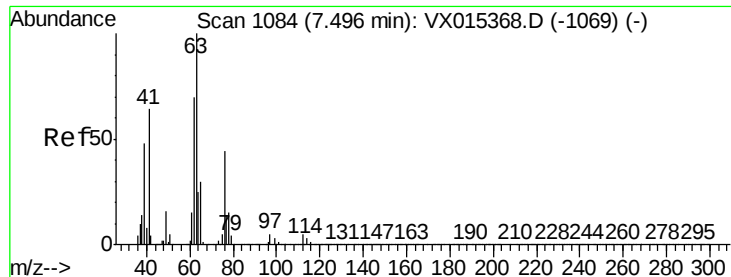


#44

Trichloroethene
 Concen: 20.252 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VX015503.D
 Acq: 06 Apr 2020 11:33

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.2	0.0	199.0

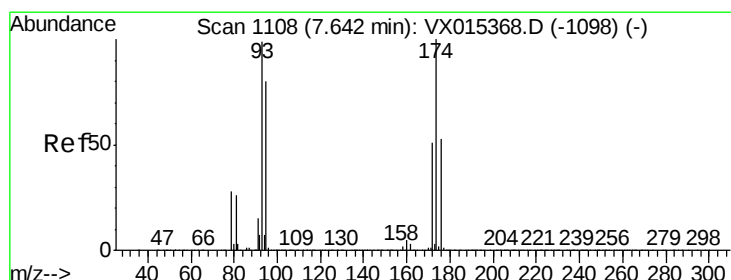
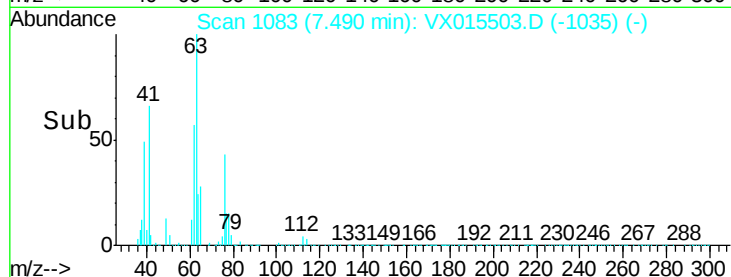
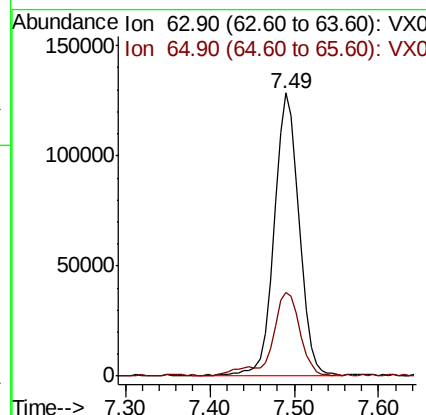
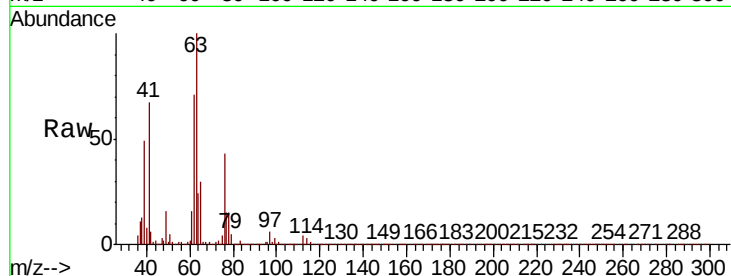




#45
 1,2-Dichloropropane
 Concen: 19.884 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015503.D
 Acq: 06 Apr 2020 11:33

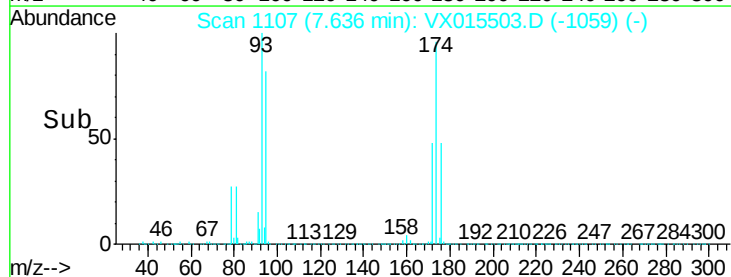
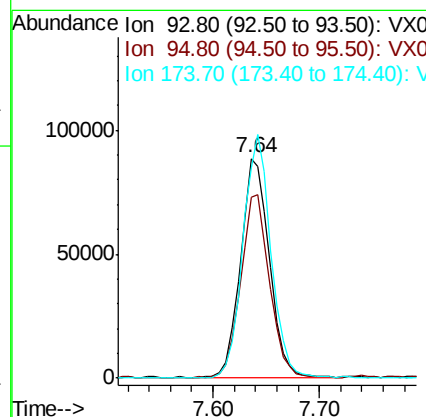
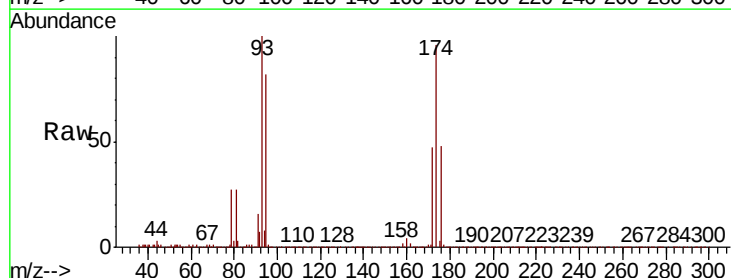
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0406WBS01

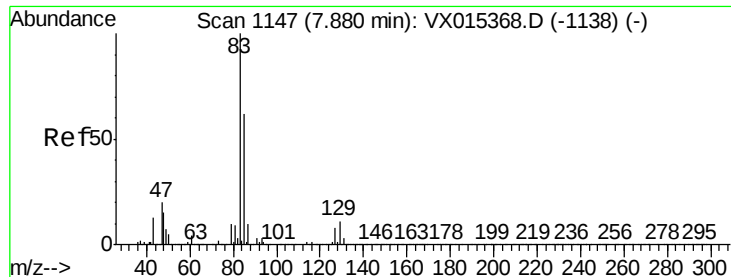
Tot Ion: 63 Resp: 263371
 Ion Ratio Lower Upper
 63 100
 65 29.3 23.9 35.9



#46
 Dibromomethane
 Concen: 19.378 ug/l
 RT: 7.64 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: VX015503.D
 Acq: 06 Apr 2020 11:33

Tgt Ion: 93 Resp: 168372
 Ion Ratio Lower Upper
 93 100
 95 83.6 65.8 98.8
 174 107.1 86.2 129.2





#47

Bromodichloromethane

Concen: 19.771 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Instrument :

MSVOA_X

ClientSampled :

VX0406WBS01

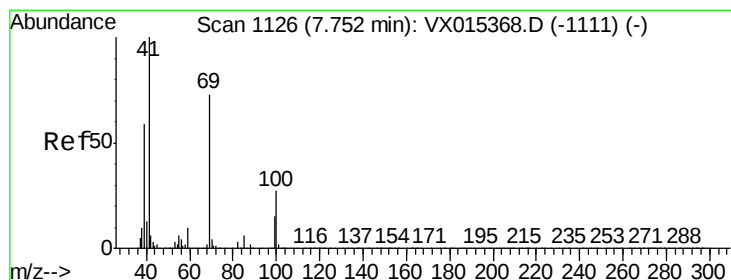
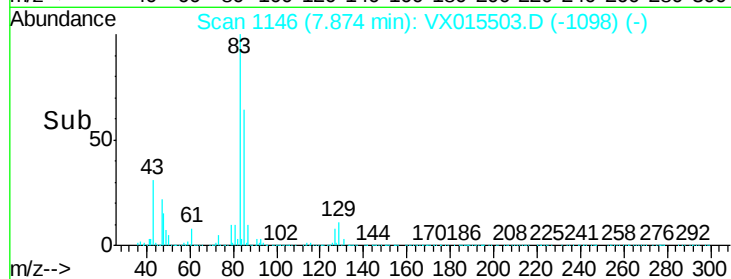
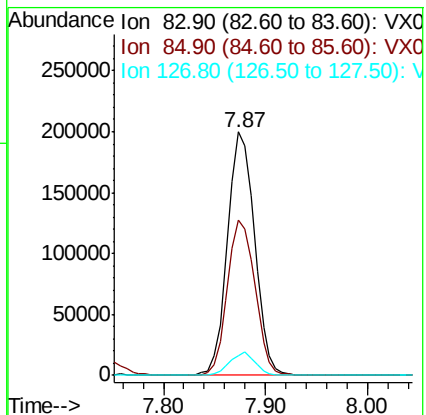
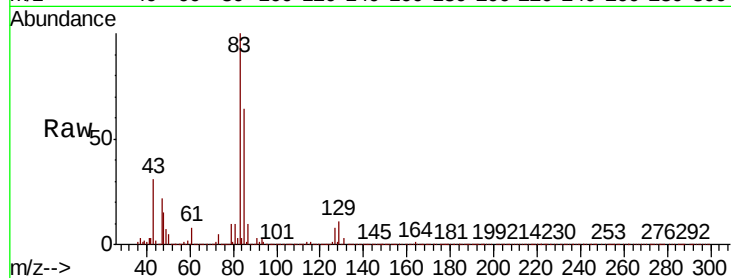
Tot Ion: 83 Resp: 366032

Ion Ratio Lower Upper

83 100

85 64.0 49.7 74.5

127 8.0 6.7 10.1



#48

Methyl methacrylate

Concen: 19.086 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. -0.01 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

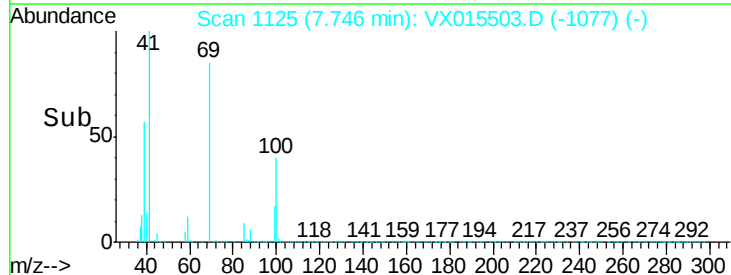
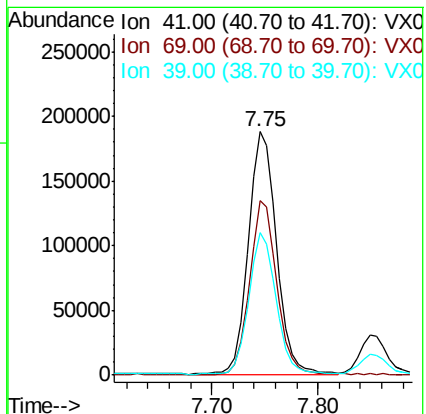
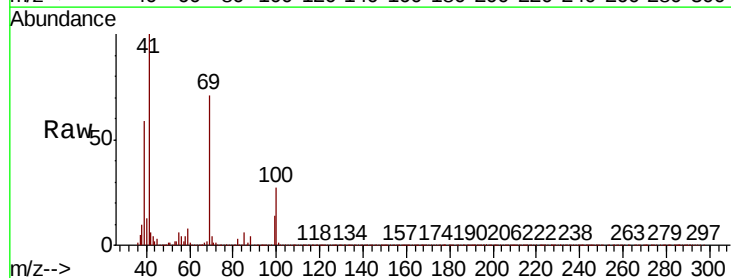
Tgt Ion: 41 Resp: 346364

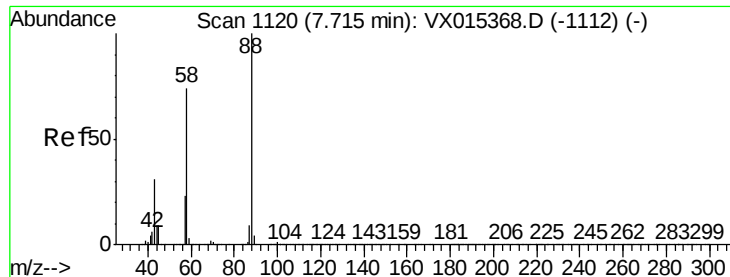
Ion Ratio Lower Upper

41 100

69 69.8 56.7 85.1

39 56.9 46.5 69.7





#49

1,4-Dioxane

Concen: 386.437 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. -0.00 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

VX0406WBS01

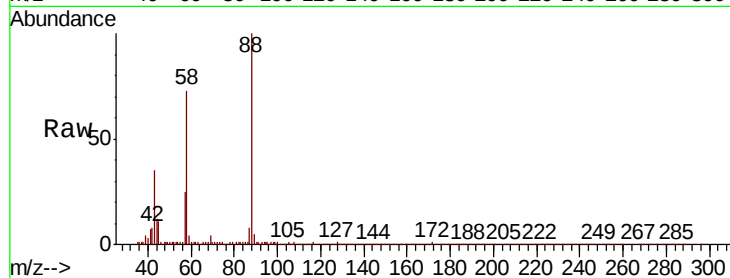
Tot Ion: 88 Resp: 130823

Ion Ratio Lower Upper

88 100

43 39.9 30.1 45.1

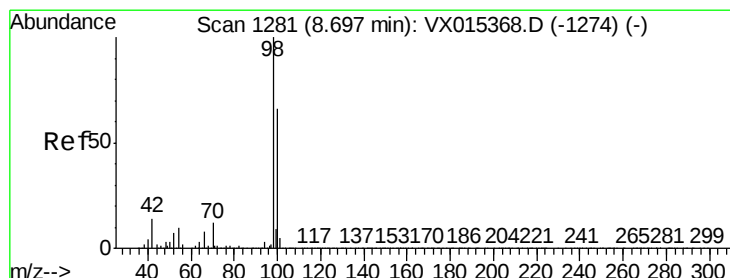
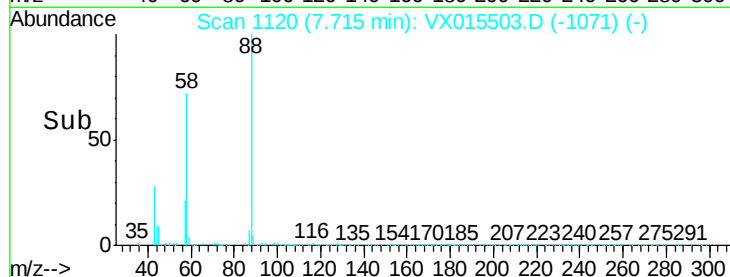
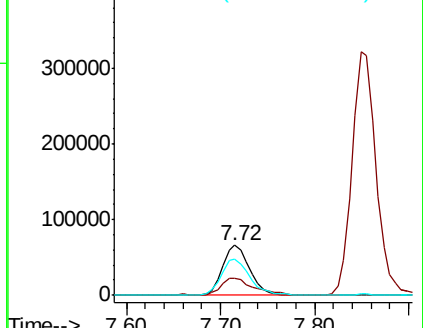
58 75.2 60.6 90.8



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 52.257 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015503.D

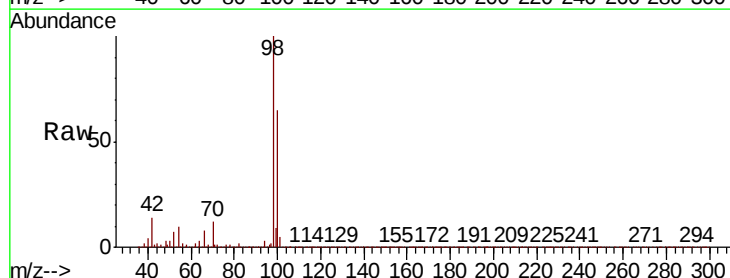
Acq: 06 Apr 2020 11:33

Tgt Ion: 98 Resp: 2206286

Ion Ratio Lower Upper

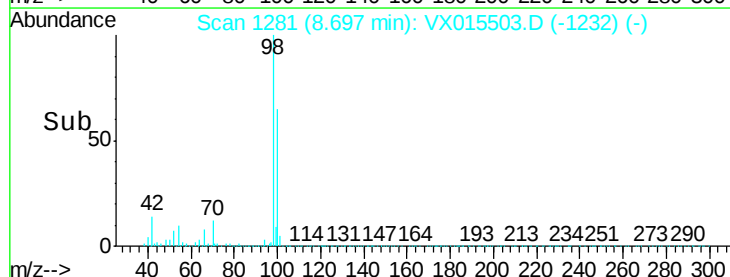
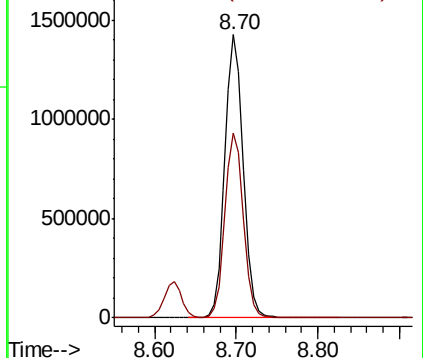
98 100

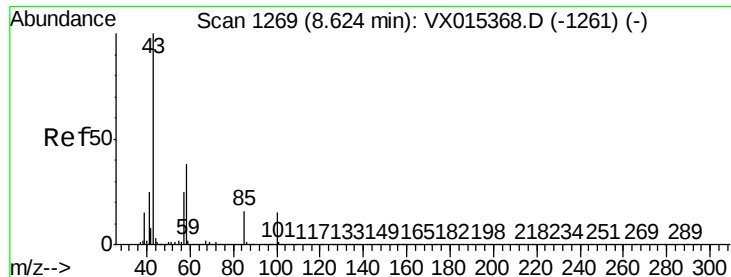
100 65.8 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 96.965 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Instrument :

MSVOA_X

ClientSampled :

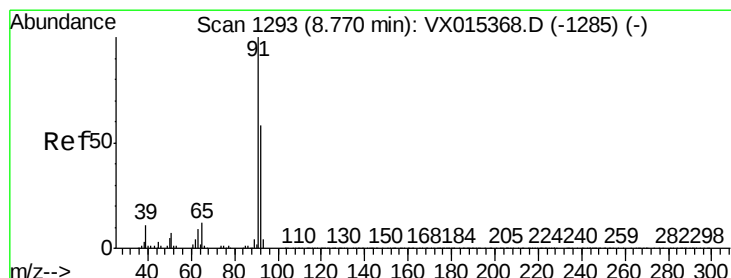
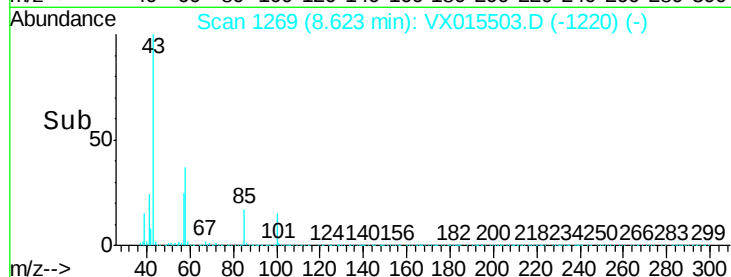
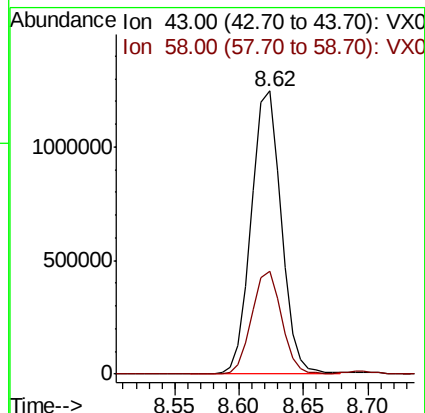
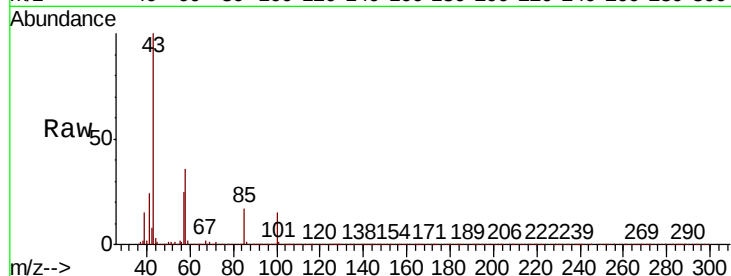
VX0406WBS01

Tot Ion: 43 Resp: 1996492

Ion Ratio Lower Upper

43 100

58 36.3 29.7 44.5



#52

Toluene

Concen: 20.317 ug/l

RT: 8.76 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VX015503.D

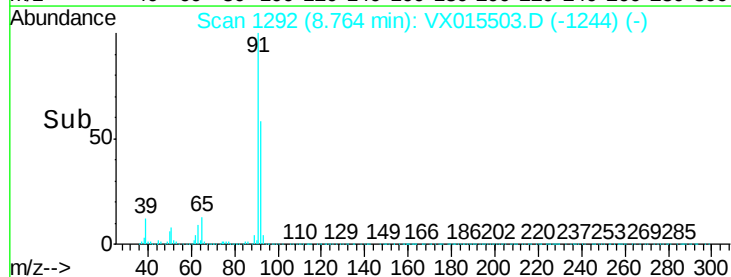
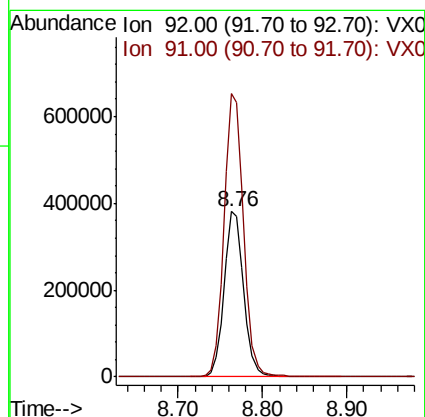
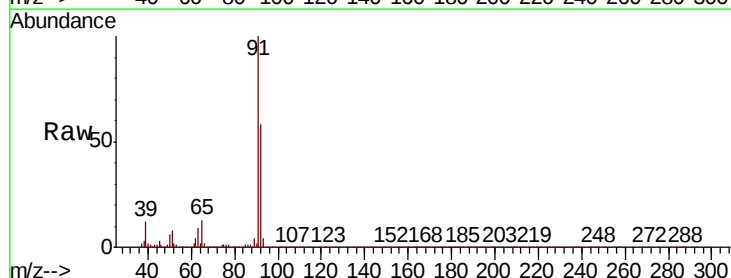
Acq: 06 Apr 2020 11:33

Tgt Ion: 92 Resp: 606480

Ion Ratio Lower Upper

92 100

91 171.5 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 19.517 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

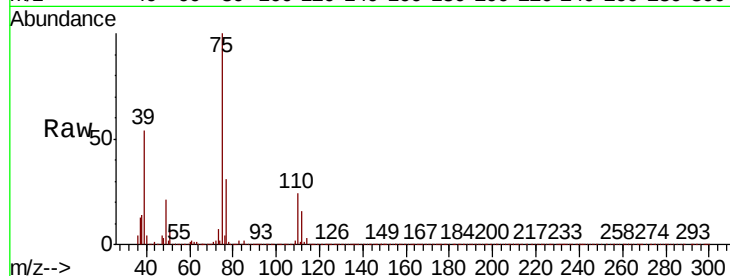
VX0406WBS01

Tot Ion: 75 Resp: 423787

Ion Ratio Lower Upper

75 100

77 30.8 24.1 36.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.03

300000

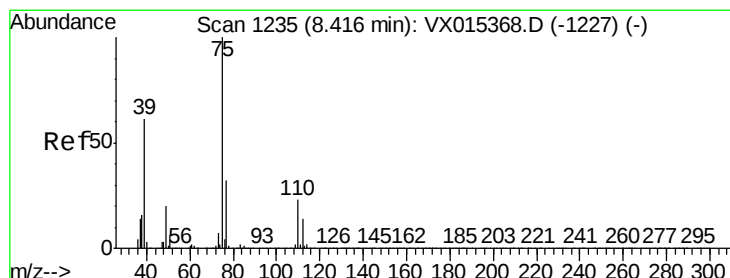
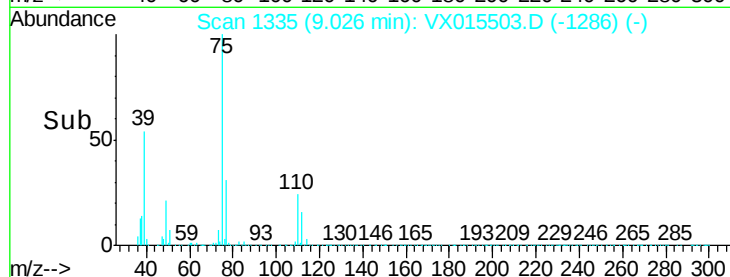
200000

100000

0

9.00 9.10

Time-->



#54

cis-1,3-Dichloropropene

Concen: 20.077 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

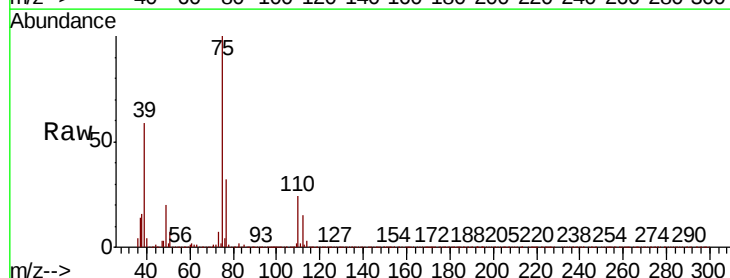
Tgt Ion: 75 Resp: 444069

Ion Ratio Lower Upper

75 100

77 32.0 25.8 38.6

39 59.2 49.0 73.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

300000

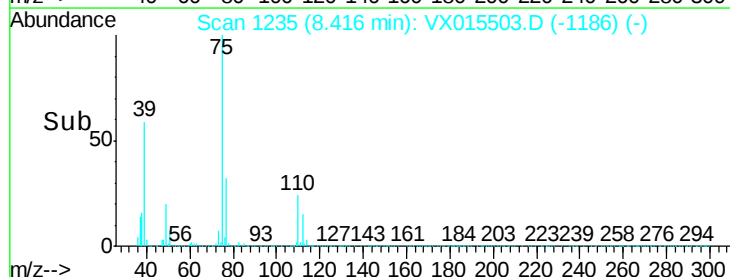
200000

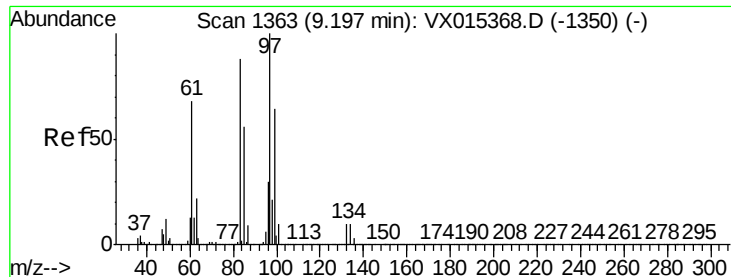
100000

0

8.30 8.40 8.50

Time-->

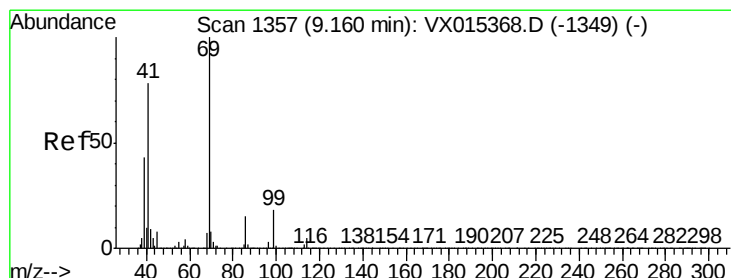
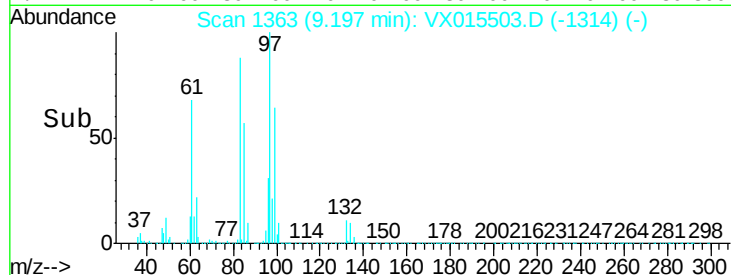
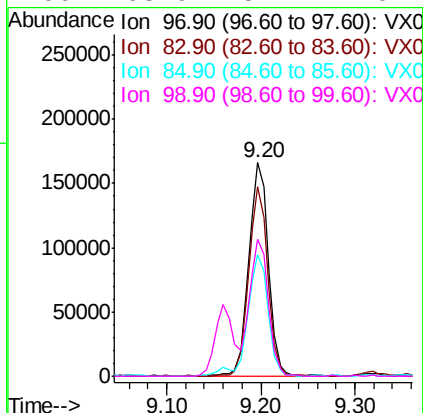
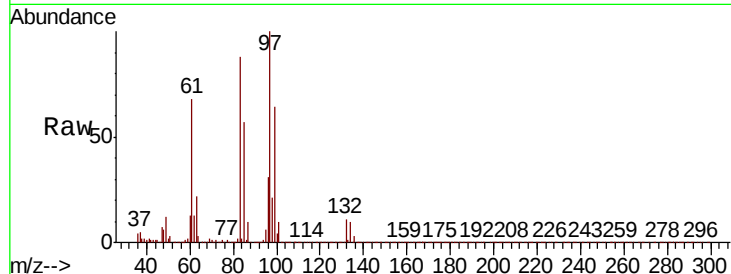




#55
1,1,2-Trichloroethane
Concen: 19.831 ug/l
RT: 9.20 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

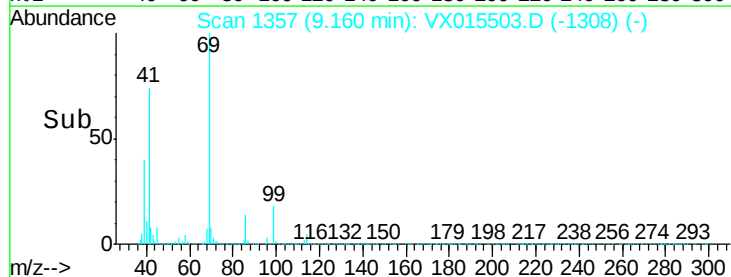
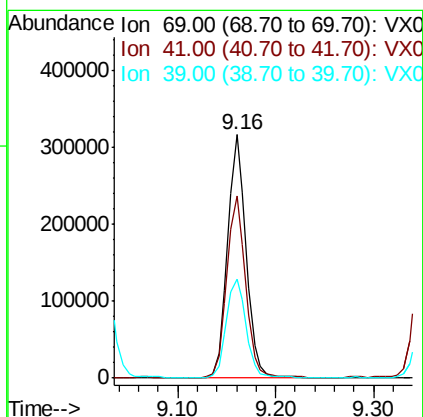
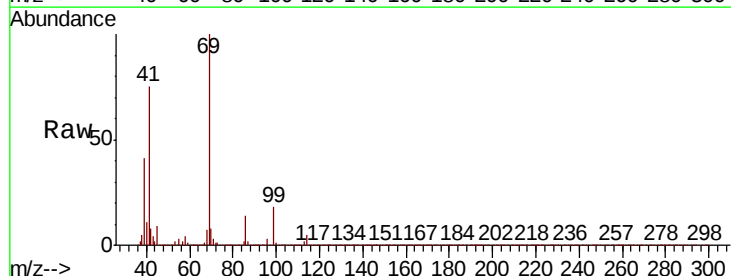
Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01

Tot Ion:	97	Resp:	242539
Ion	Ratio	Lower	Upper
97	100		
83	88.3	70.2	105.4
85	56.5	44.7	67.1
99	63.9	51.1	76.7



#56
Ethyl methacrylate
Concen: 19.320 ug/l
RT: 9.16 min Scan# 1357
Delta R.T. -0.00 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Tgt Ion:	69	Resp:	416419
Ion	Ratio	Lower	Upper
69	100		
41	76.1	61.6	92.4
39	42.9	34.0	51.0





#57

1,3-Dichloropropane

Concen: 19.615 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

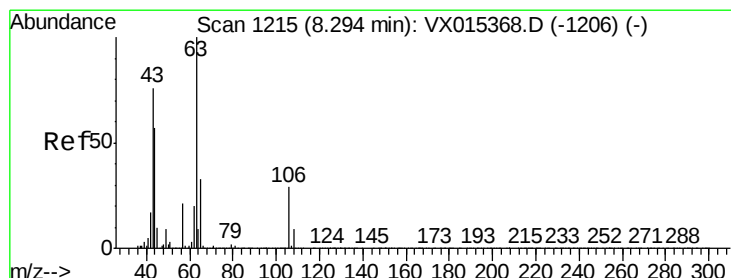
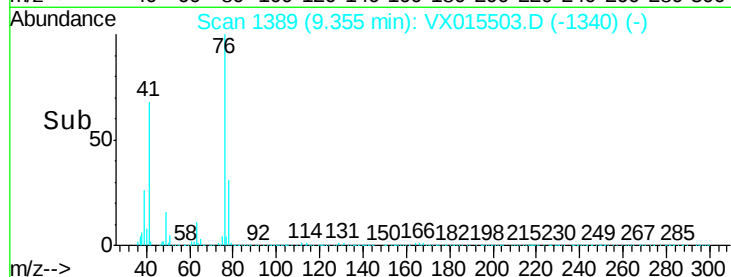
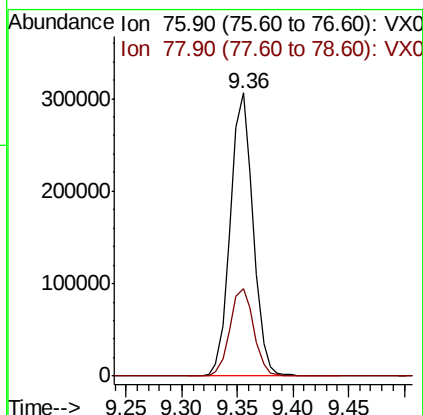
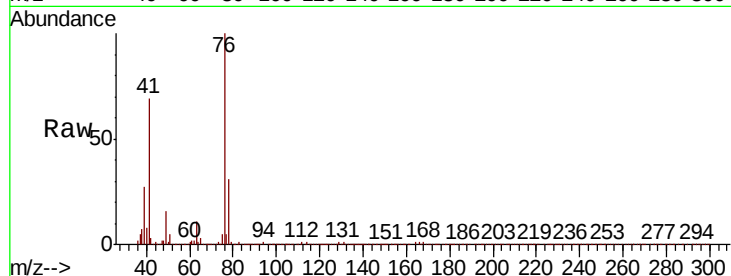
VX0406WBS01

Tot Ion: 76 Resp: 432210

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 98.180 ug/l

RT: 8.29 min Scan# 1214

Delta R.T. -0.01 min

Lab File: VX015503.D

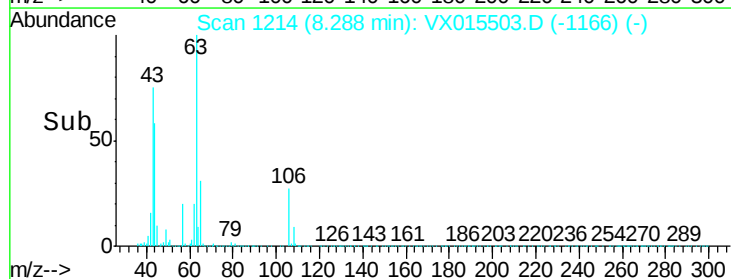
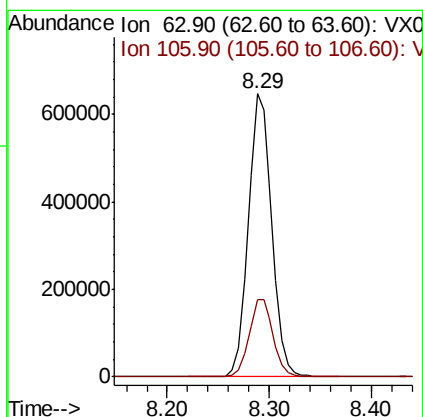
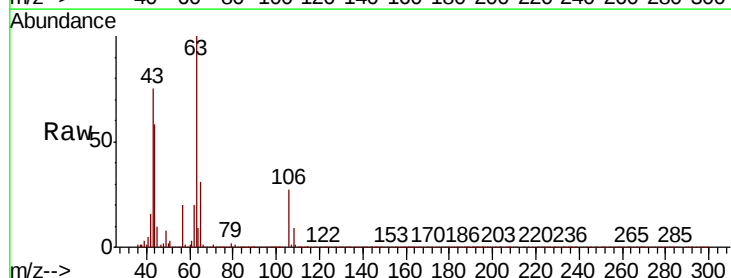
Acq: 06 Apr 2020 11:33

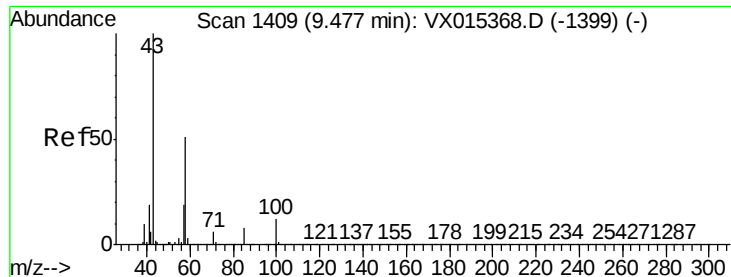
Tgt Ion: 63 Resp: 1029326

Ion Ratio Lower Upper

63 100

106 28.1 22.7 34.1

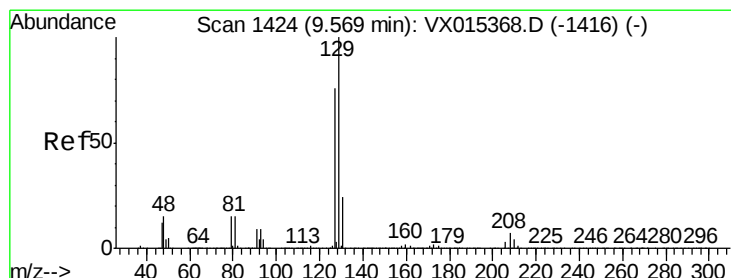
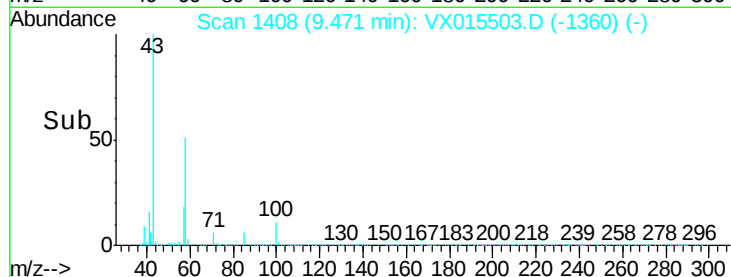
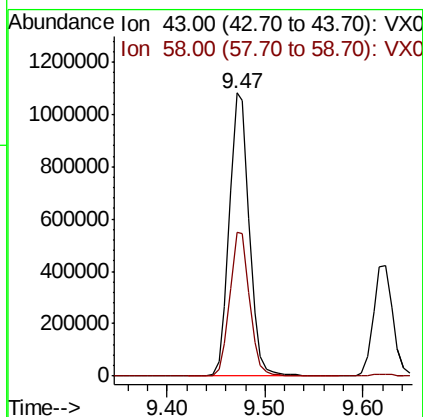
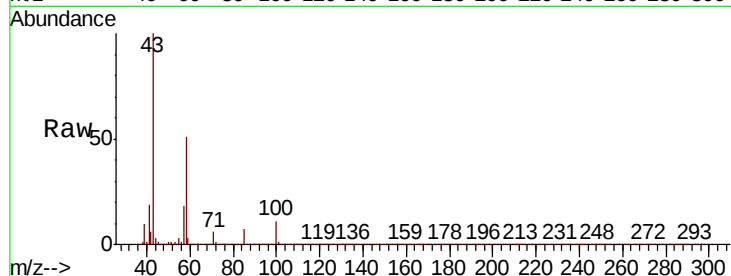




#59
2-Hexanone
Concen: 97.937 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

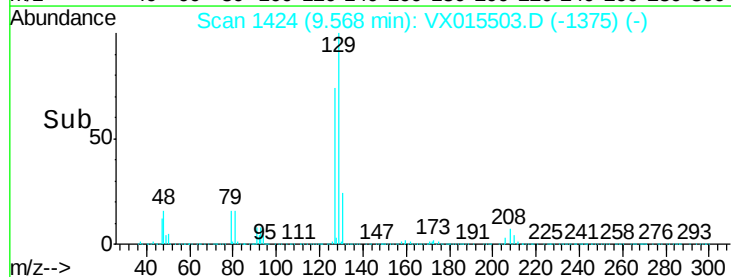
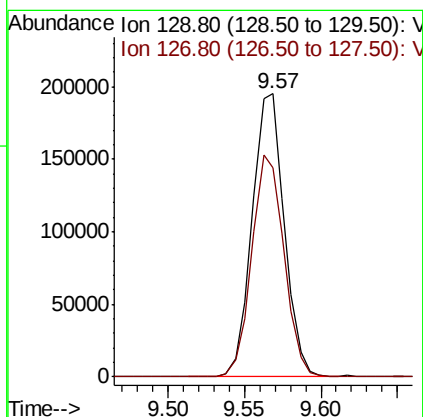
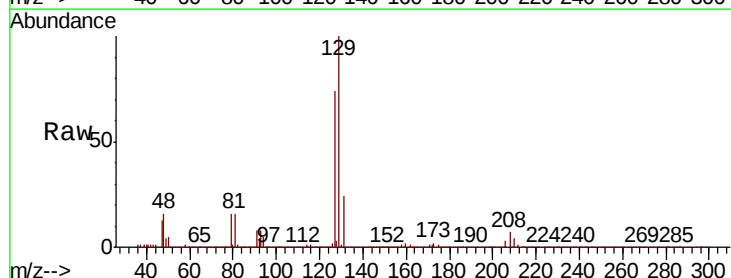
Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01

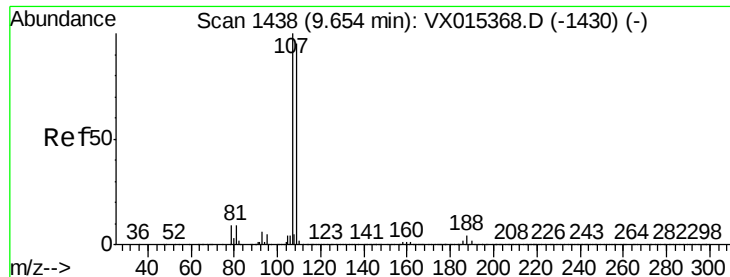
Tot Ion: 43 Resp: 1522422
Ion Ratio Lower Upper
43 100
58 50.7 25.6 76.6



#60
Dibromochloromethane
Concen: 19.427 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. -0.00 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Tgt Ion:129 Resp: 285503
Ion Ratio Lower Upper
129 100
127 78.9 38.2 114.6





#61

1,2-Dibromoethane

Concen: 19.270 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. -0.00 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

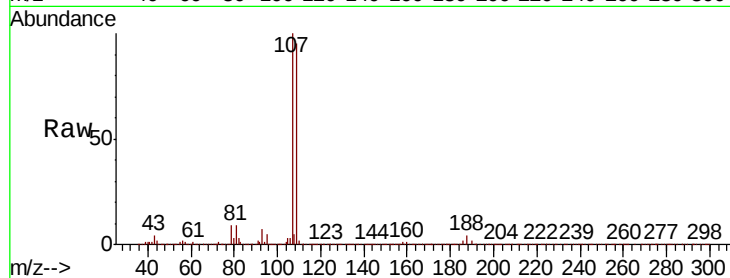
VX0406WBS01

Tot Ion: 107 Resp: 256266

Ion Ratio Lower Upper

107 100

109 94.7 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

200000

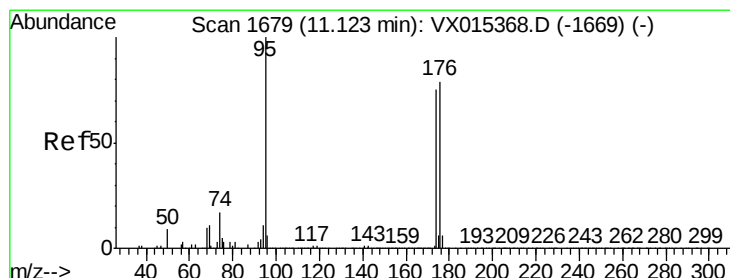
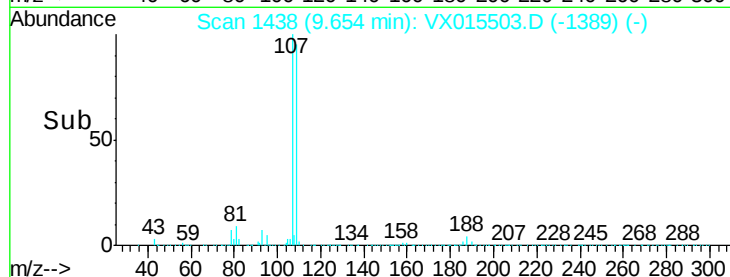
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.509 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

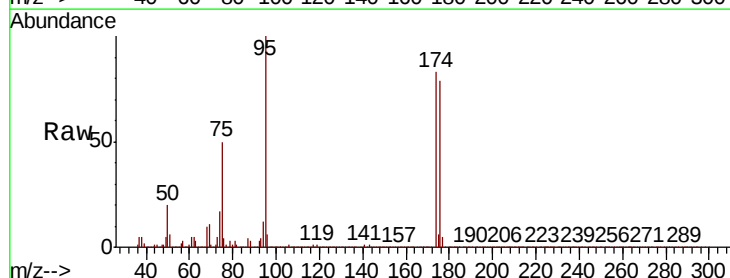
Tgt Ion: 95 Resp: 900956

Ion Ratio Lower Upper

95 100

174 78.9 0.0 158.6

176 77.8 0.0 159.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

800000

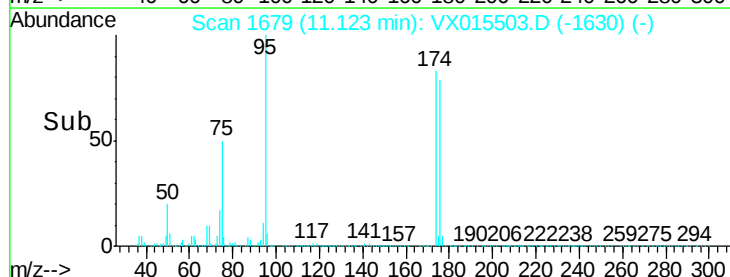
600000

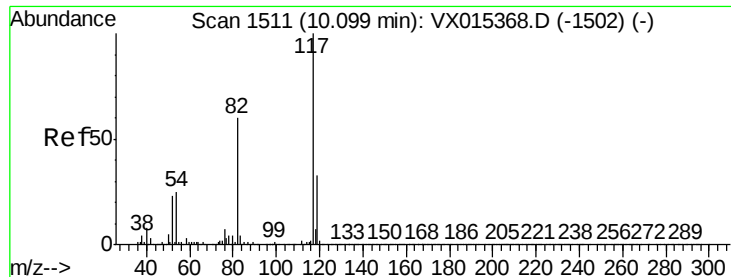
400000

200000

0

Time-->

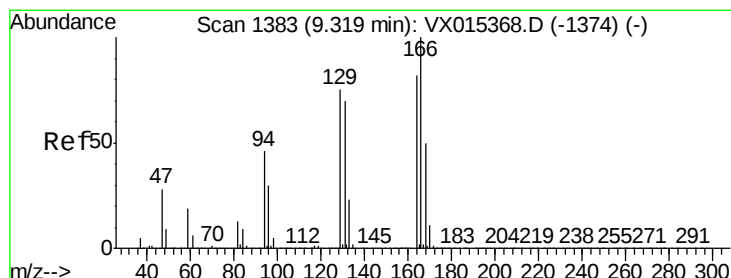
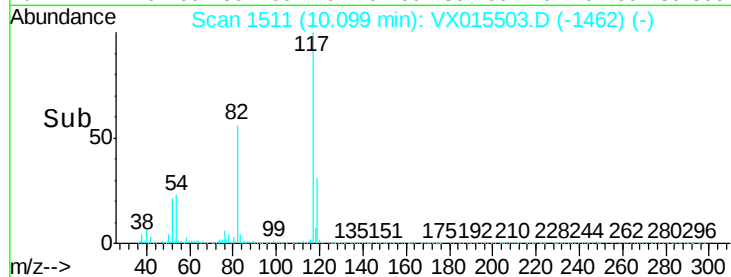
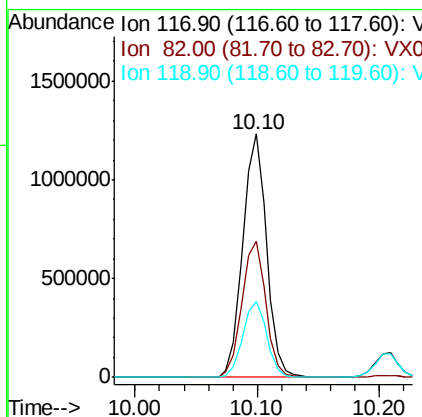
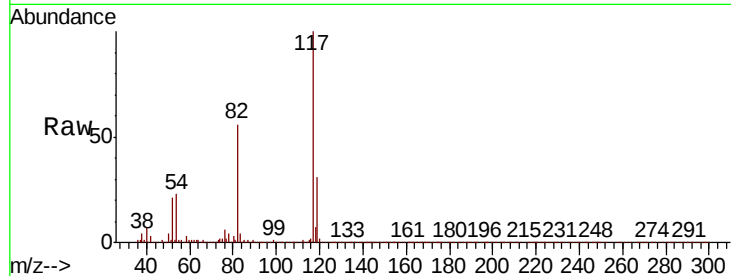




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

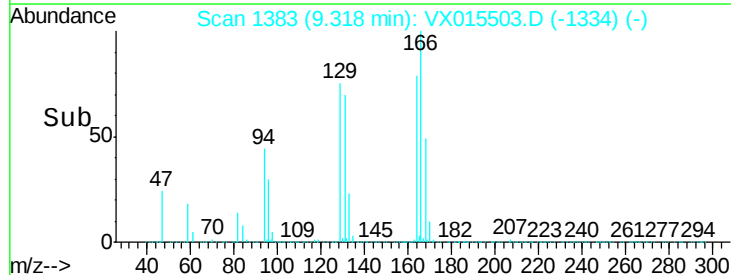
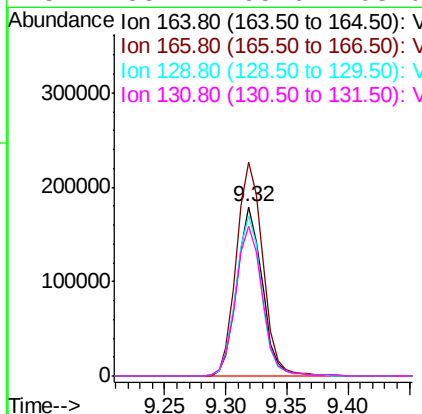
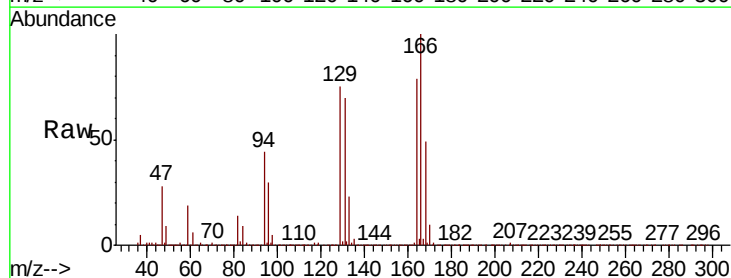
Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01

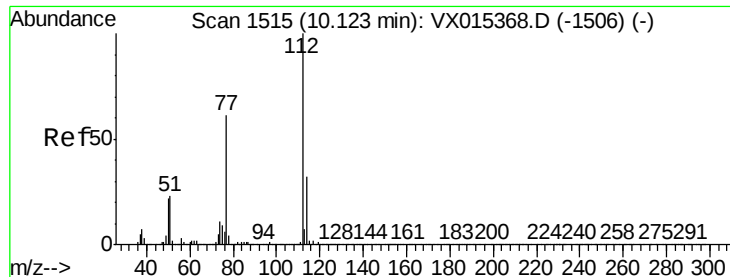
Tot Ion:117 Resp: 1654718
Ion Ratio Lower Upper
117 100
82 56.0 47.8 71.8
119 31.0 26.8 40.2



#64
Tetrachloroethene
Concen: 20.554 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Tgt Ion:164 Resp: 256667
Ion Ratio Lower Upper
164 100
166 126.1 97.8 146.6
129 94.2 73.0 109.4
131 88.7 68.6 103.0

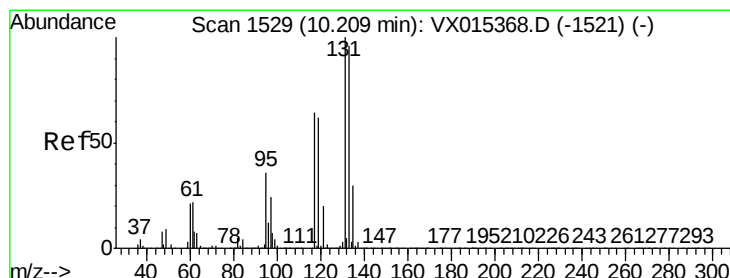
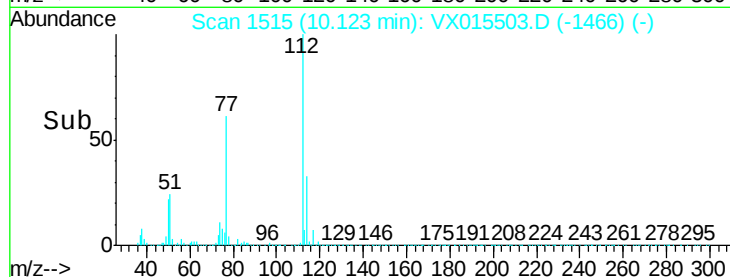
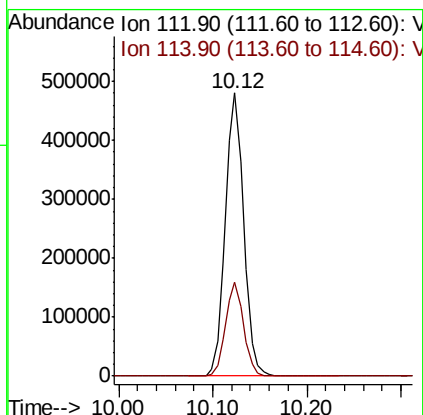
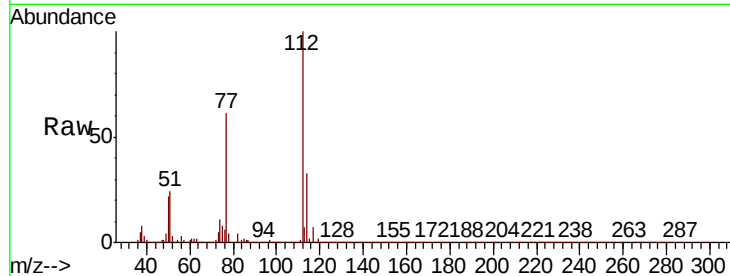




#65
Chlorobenzene
Concen: 19.800 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

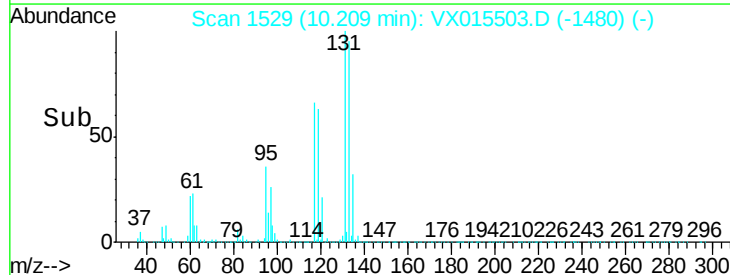
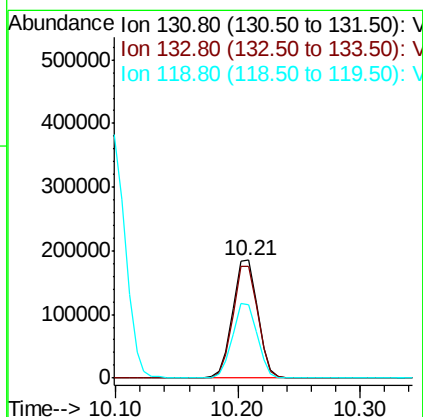
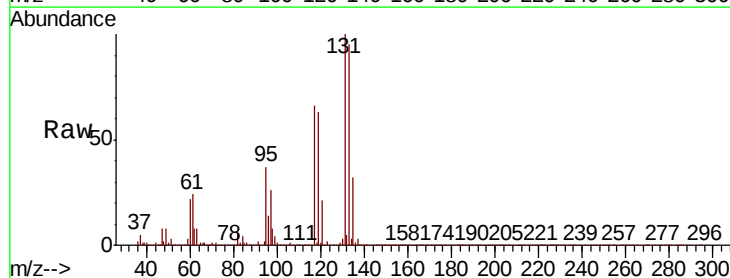
Instrument :
MSVOA_X
ClientSampled :
VX0406WBS01

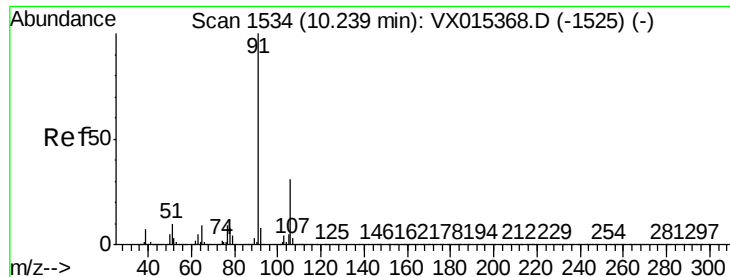
Tot Ion:112 Resp: 653406
Ion Ratio Lower Upper
112 100
114 33.0 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.896 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. -0.00 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Tgt Ion:131 Resp: 262309
Ion Ratio Lower Upper
131 100
133 93.9 47.6 142.9
119 62.4 31.1 93.3





#67

Ethyl Benzene

Concen: 20.151 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

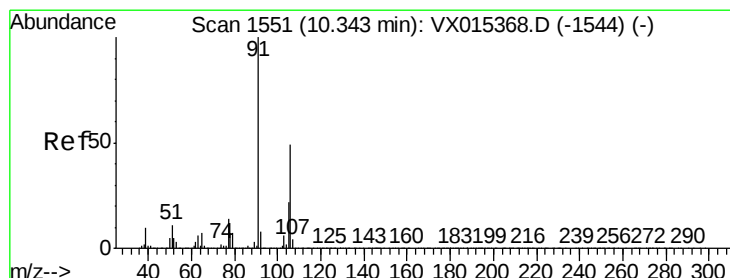
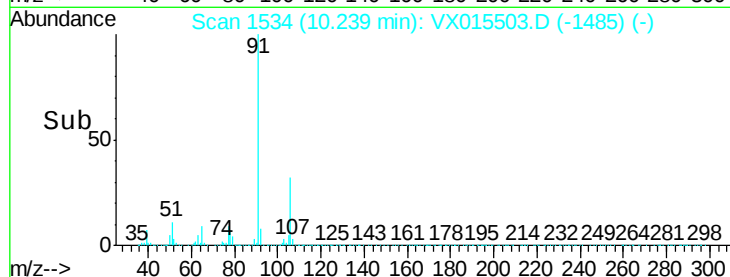
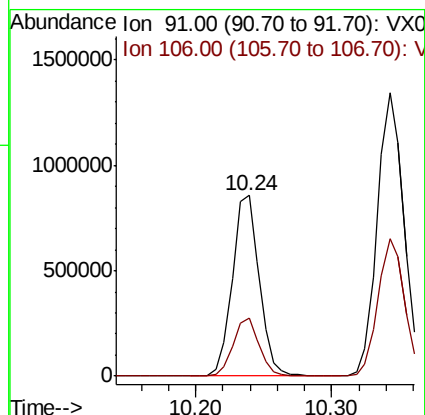
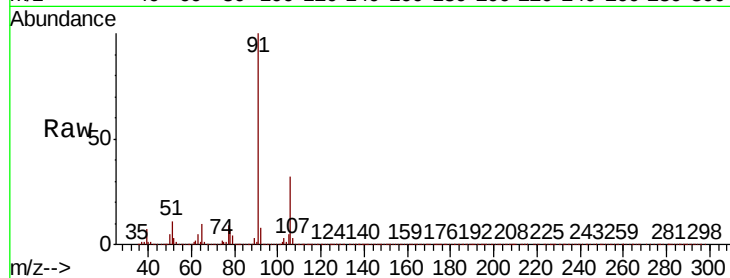
VX0406WBS01

Tot Ion: 91 Resp: 1179403

Ion Ratio Lower Upper

91 100

106 31.8 24.8 37.2



#68

m/p-Xylenes

Concen: 40.895 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. -0.00 min

Lab File: VX015503.D

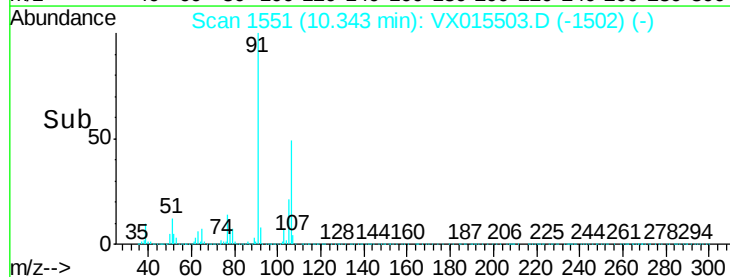
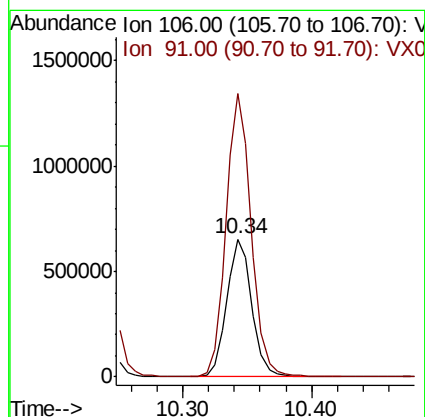
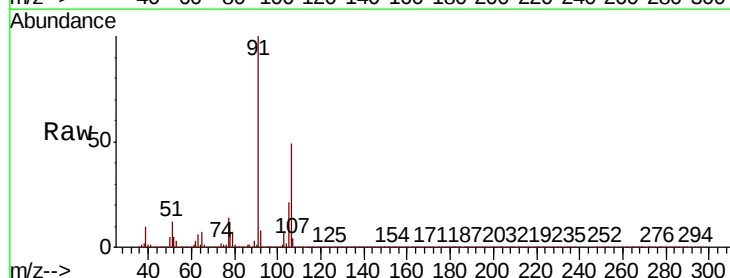
Acq: 06 Apr 2020 11:33

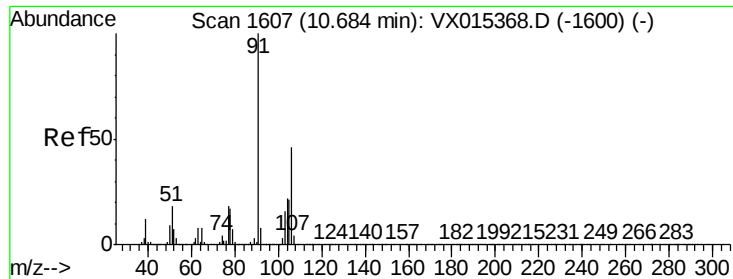
Tgt Ion: 106 Resp: 891278

Ion Ratio Lower Upper

106 100

91 206.0 163.4 245.0

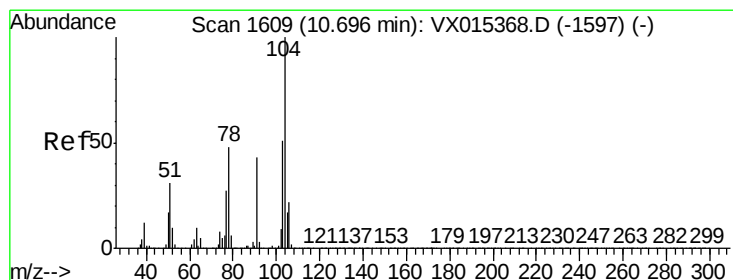
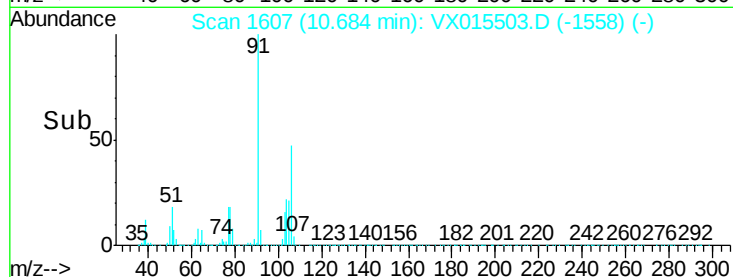
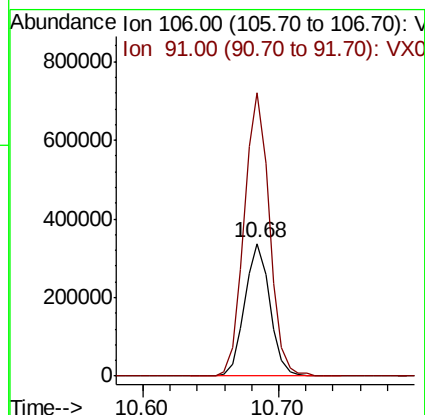
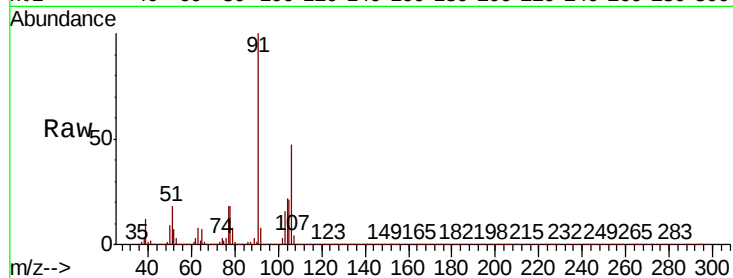




#69
o-Xylene
Concen: 20.230 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

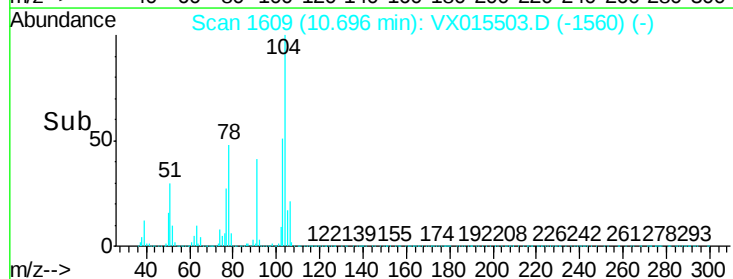
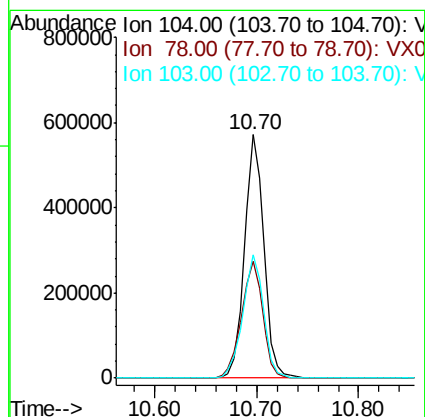
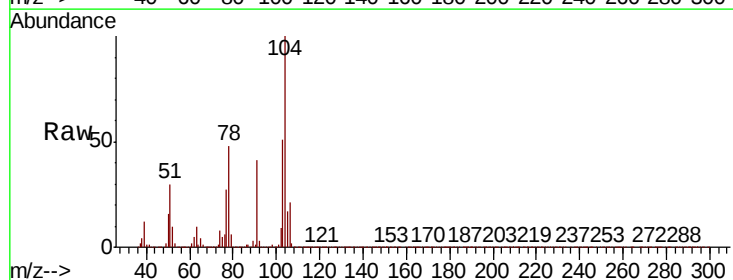
Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01

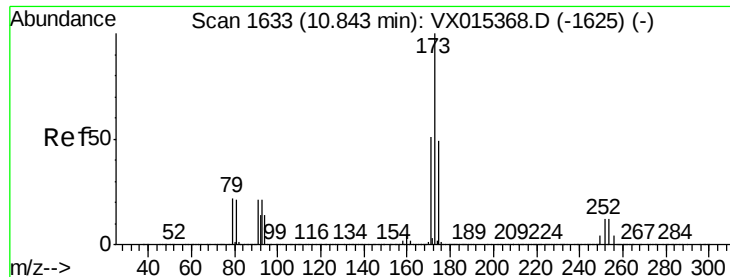
Tot Ion:106 Resp: 435675
Ion Ratio Lower Upper
106 100
91 214.4 107.1 321.3



#70
Styrene
Concen: 19.590 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Tgt Ion:104 Resp: 742380
Ion Ratio Lower Upper
104 100
78 53.2 42.0 63.0
103 54.5 43.4 65.0





#71

Bromoform

Concen: 19.071 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. -0.00 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

VX0406WBS01

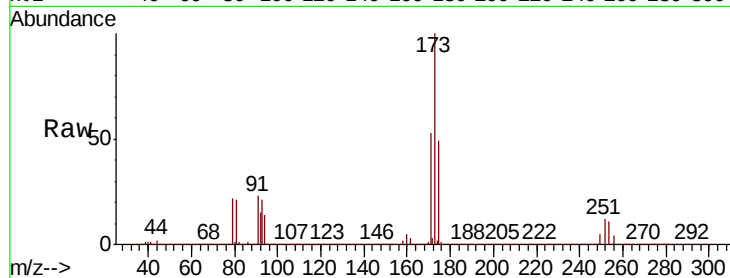
Tot Ion:173 Resp: 228878

Ion Ratio Lower Upper

173 100

175 47.3 23.9 71.7

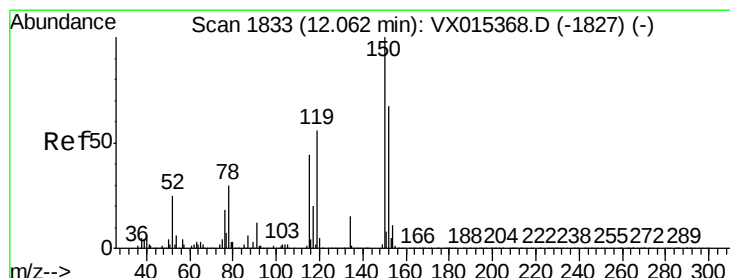
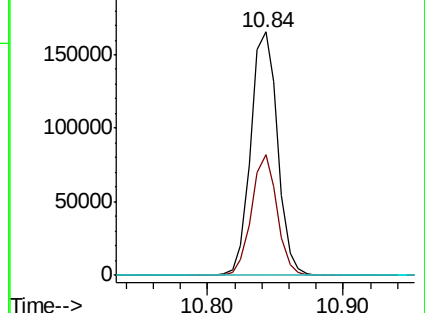
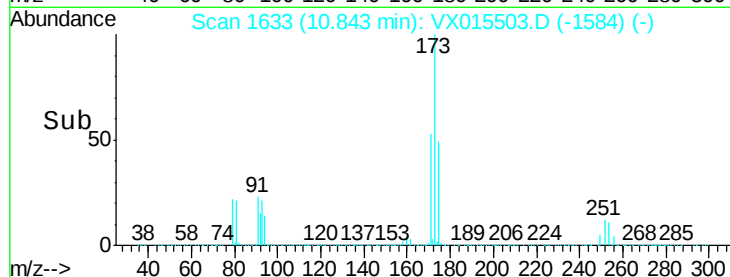
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

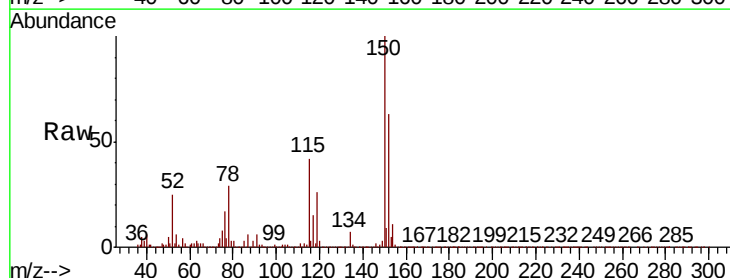
Tgt Ion:152 Resp: 842126

Ion Ratio Lower Upper

152 100

115 68.5 39.0 116.9

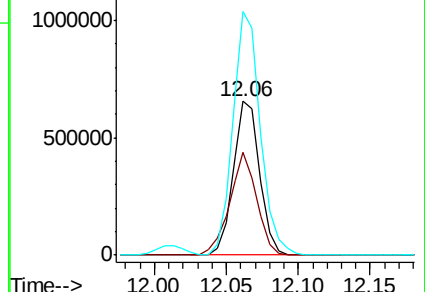
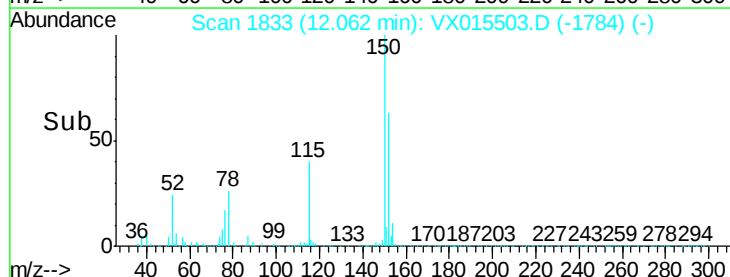
150 164.7 0.0 340.8

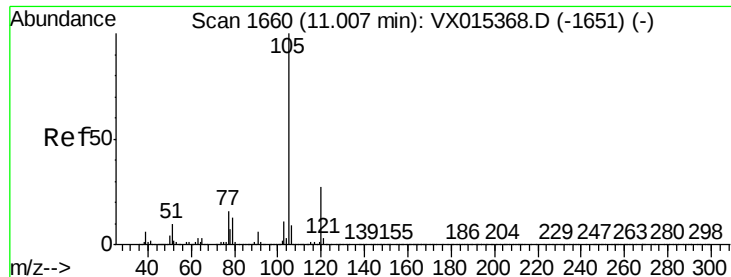


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.257 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

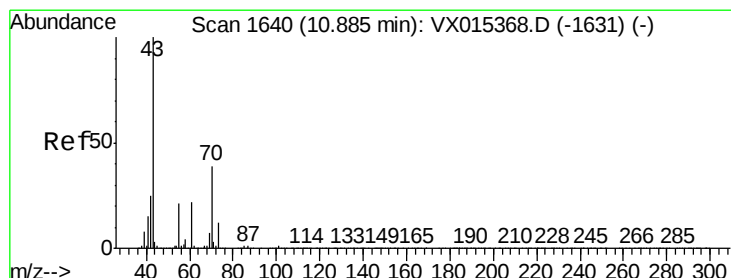
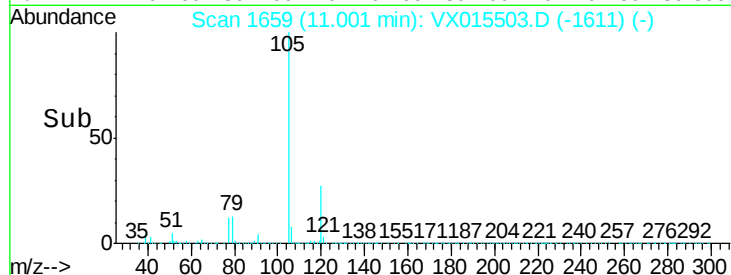
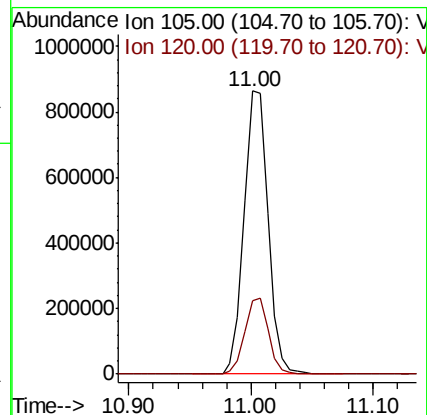
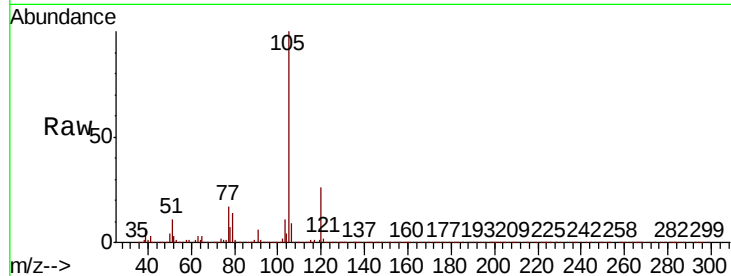
VX0406WBS01

Tot Ion:105 Resp: 1172923

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.5



#74

N-ethyl acetate

Concen: 19.150 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Tgt Ion: 43 Resp: 587701

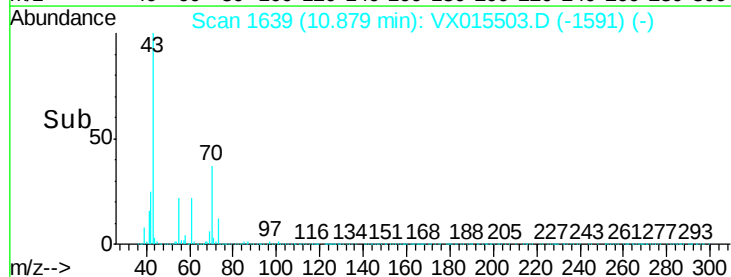
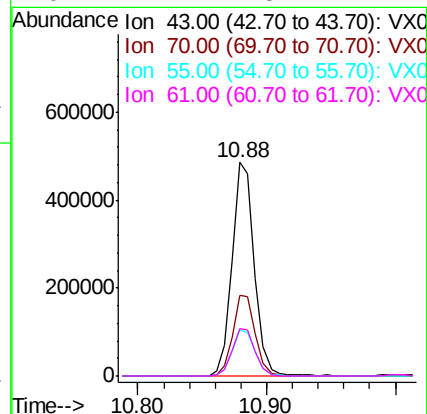
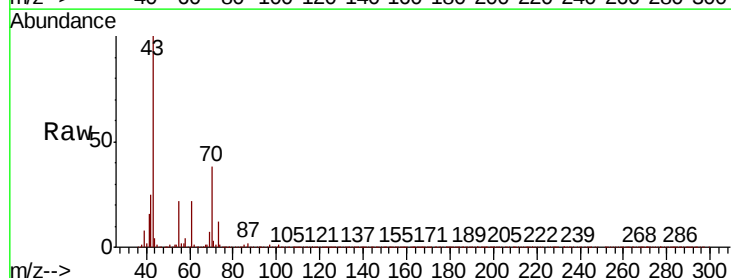
Ion Ratio Lower Upper

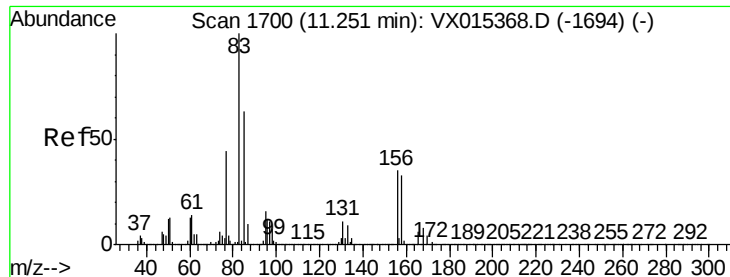
43 100

70 38.3 30.2 45.4

55 21.8 16.8 25.2

61 22.7 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.262 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

VX0406WBS01

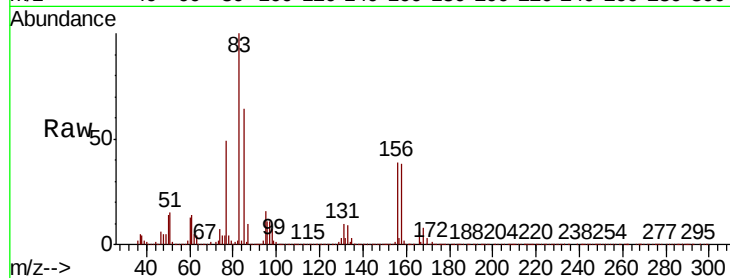
Tot Ion: 83 Resp: 364693

Ion Ratio Lower Upper

83 100

131 11.0 5.3 16.1

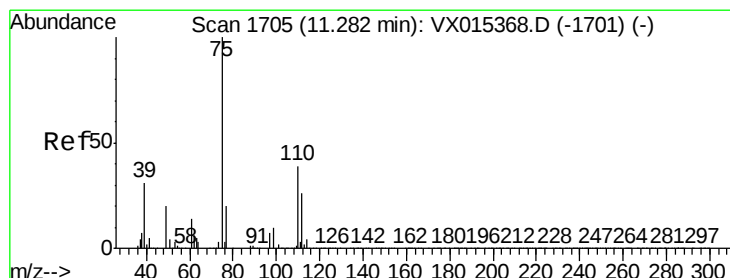
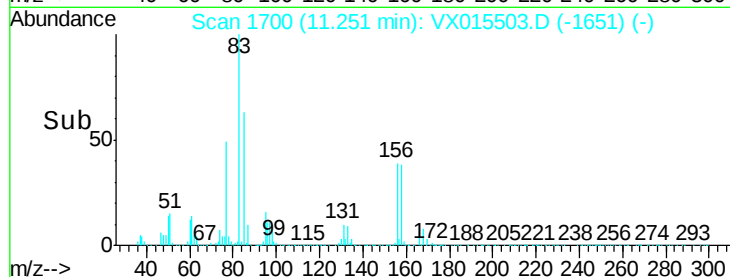
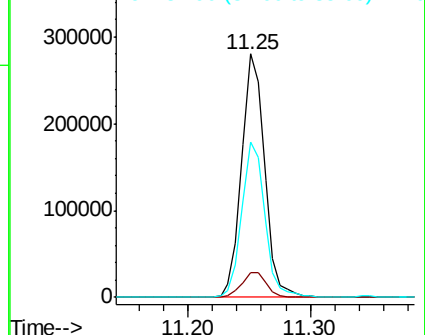
85 63.7 32.0 96.0



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: 26.070 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. -0.00 min

Lab File: VX015503.D

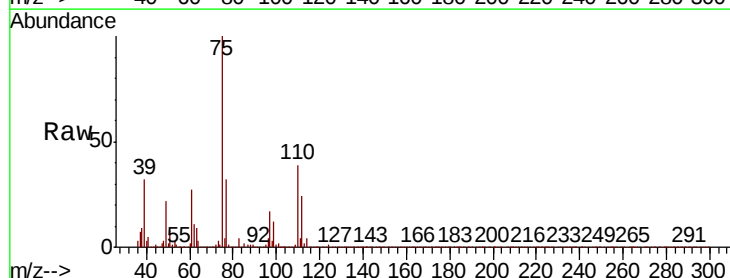
Acq: 06 Apr 2020 11:33

Tgt Ion: 75 Resp: 451472

Ion Ratio Lower Upper

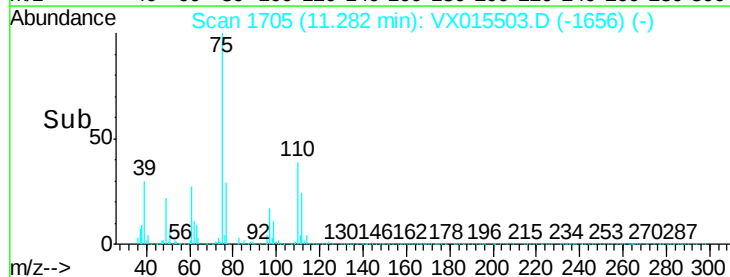
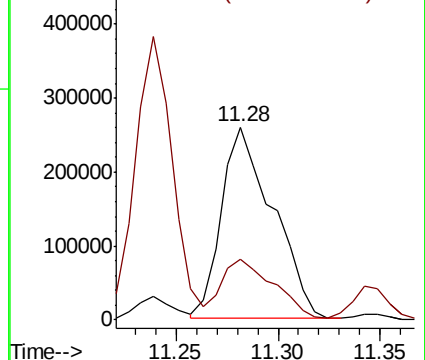
75 100

77 32.5 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: 20.175 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Instrument :

MSVOA_X

ClientSampled :

VX0406WBS01

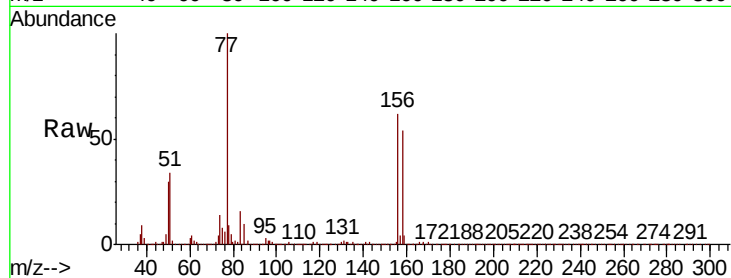
Tot Ion:156 Resp: 296930

Ion Ratio Lower Upper

156 100

77 164.1 82.2 246.5

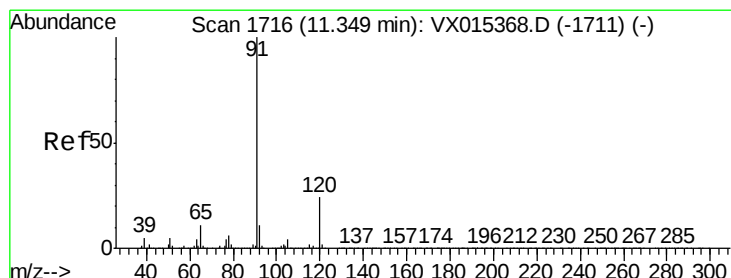
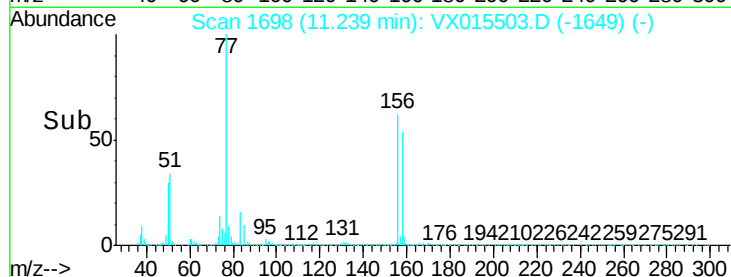
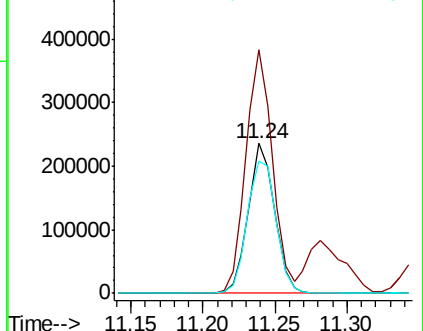
158 96.2 49.3 147.9



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: 21.236 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.01 min

Lab File: VX015503.D

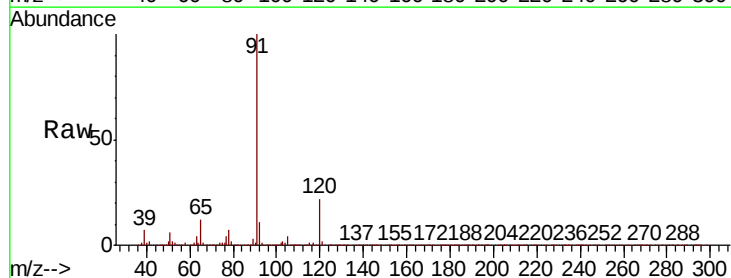
Acq: 06 Apr 2020 11:33

Tgt Ion: 91 Resp: 1339881

Ion Ratio Lower Upper

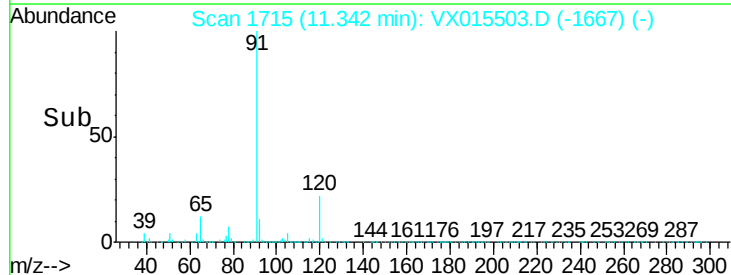
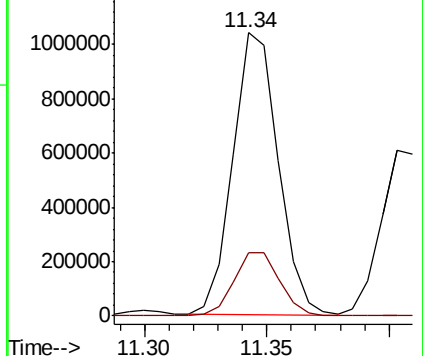
91 100

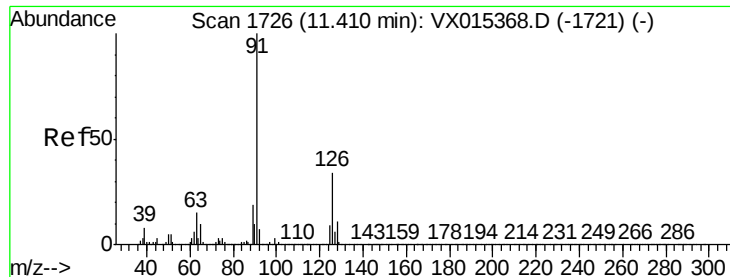
120 22.9 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

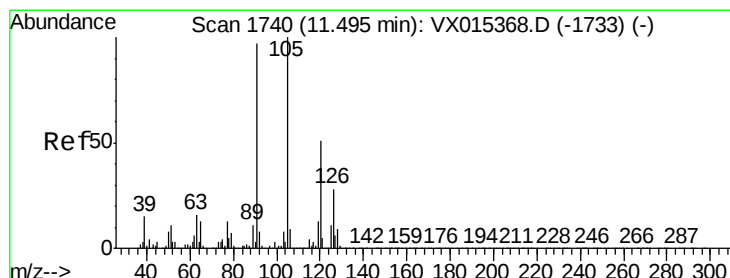
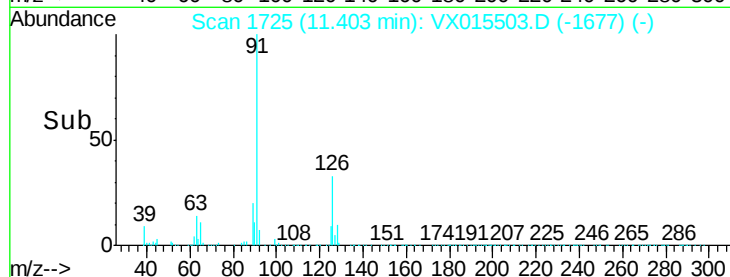
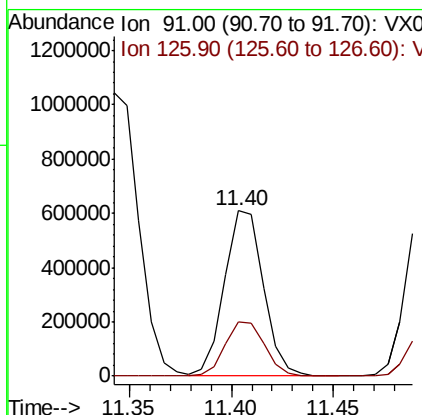
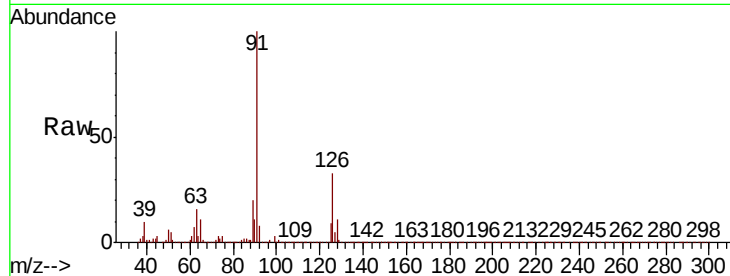




#79
 2-Chlorotoluene
 Concen: 20.707 ug/l
 RT: 11.40 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: VX015503.D
 Acq: 06 Apr 2020 11:33

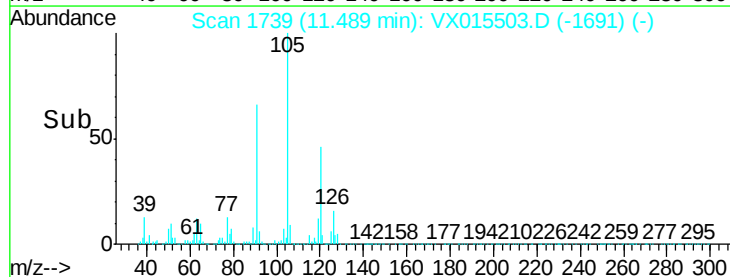
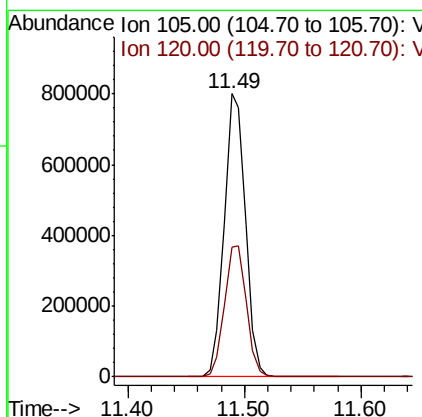
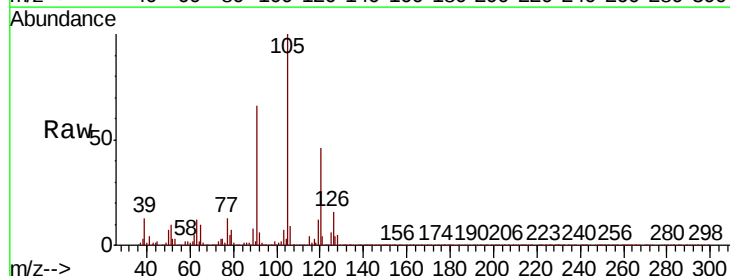
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0406WBS01

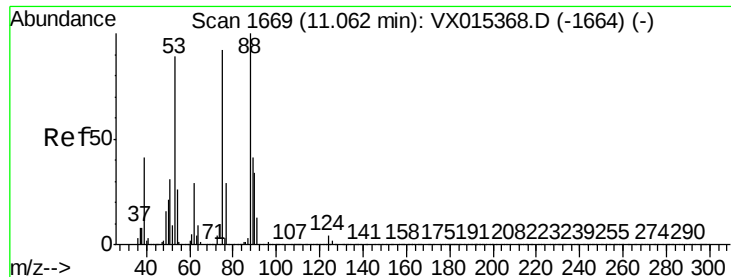
Tot Ion: 91 Resp: 800766
 Ion Ratio Lower Upper
 91 100
 126 33.8 16.5 49.5



#80
 1,3,5-Trimethylbenzene
 Concen: 21.324 ug/l
 RT: 11.49 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: VX015503.D
 Acq: 06 Apr 2020 11:33

Tgt Ion: 105 Resp: 1004855
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 19.412 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. -0.00 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

VX0406WBS01

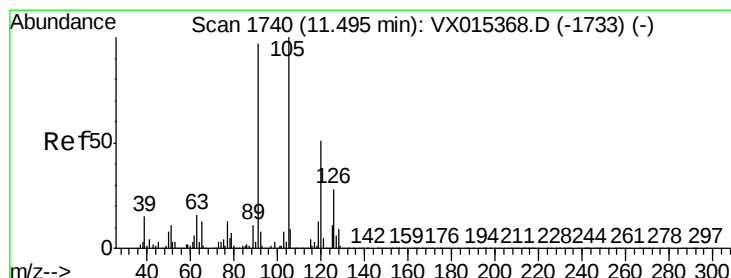
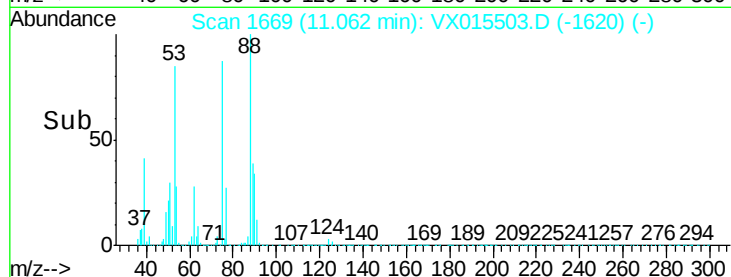
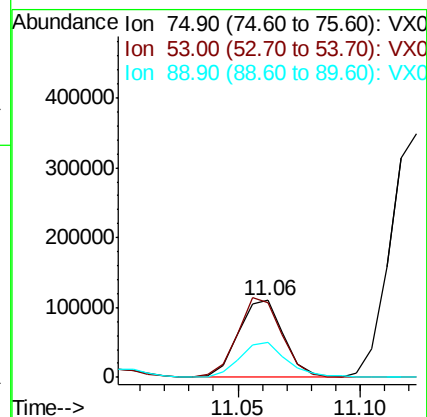
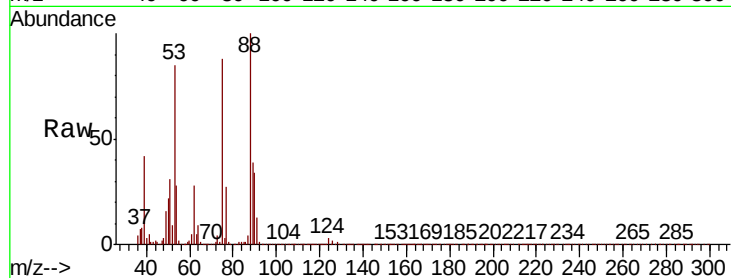
Tot Ion: 75 Resp: 140101

Ion Ratio Lower Upper

75 100

53 101.8 80.1 120.1

89 47.8 36.1 54.1



#82

4-Chlorotoluene

Concen: 21.171 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015503.D

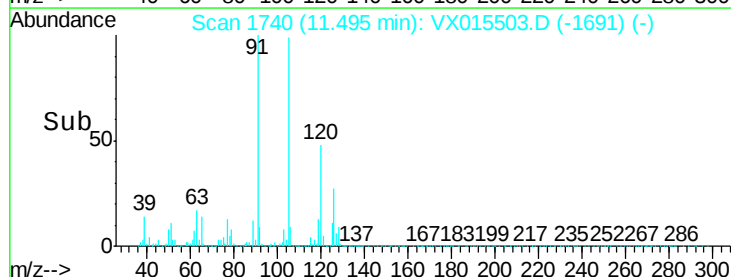
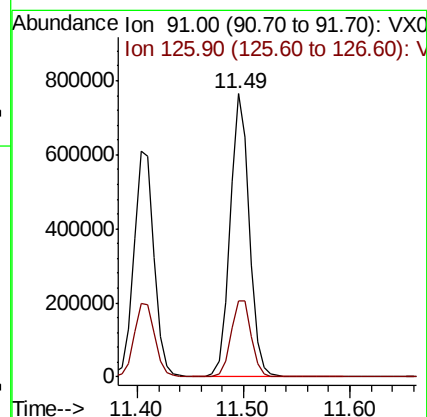
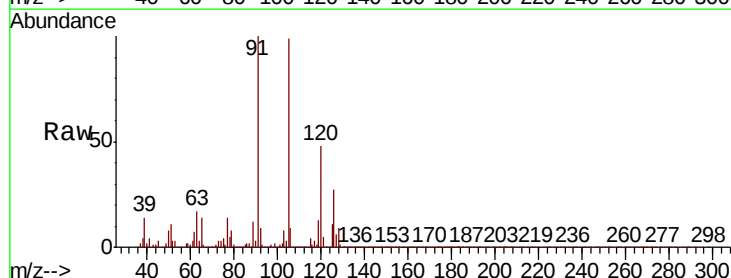
Acq: 06 Apr 2020 11:33

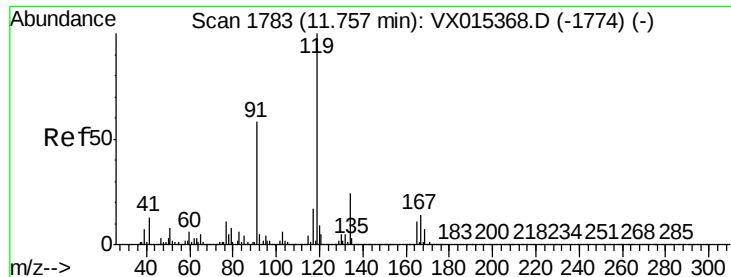
Tgt Ion: 91 Resp: 959808

Ion Ratio Lower Upper

91 100

126 28.6 14.7 44.1





#83

tert-Butylbenzene

Concen: 21.233 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Instrument :

MSVOA_X

ClientSampleID :

VX0406WBS01

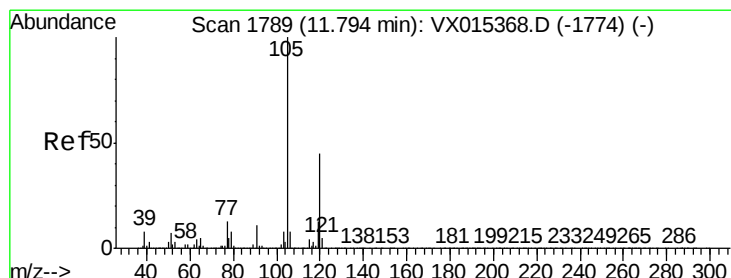
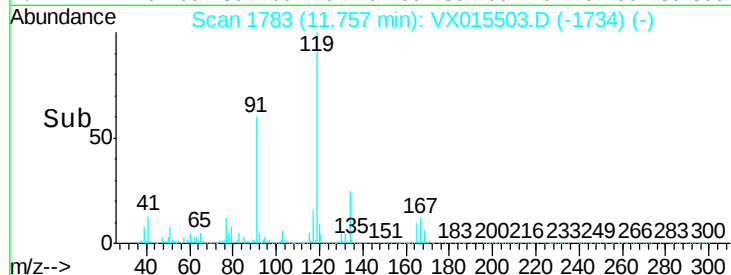
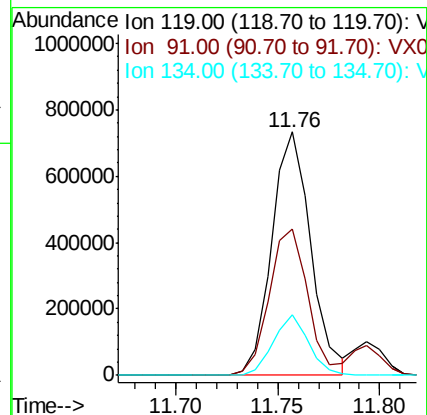
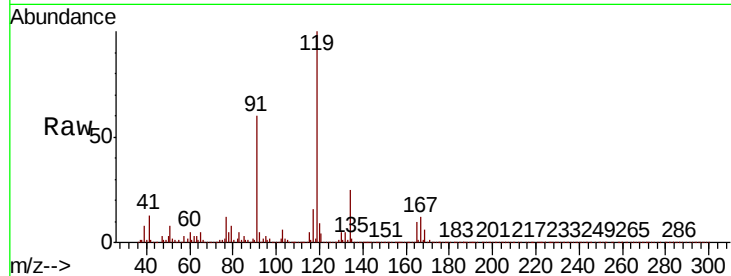
Tot Ion:119 Resp: 977340

Ion Ratio Lower Upper

119 100

91 59.0 28.6 85.8

134 22.7 11.8 35.3



#84

1,2,4-Trimethylbenzene

Concen: 21.040 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX015503.D

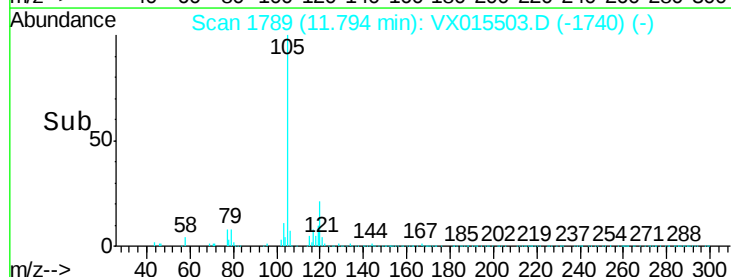
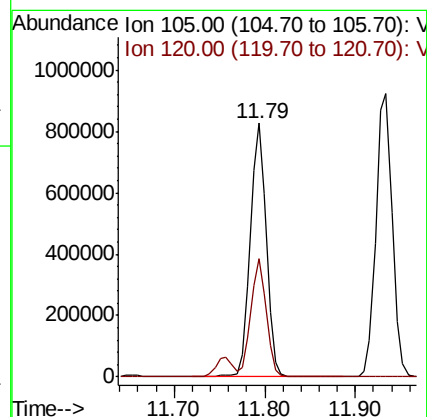
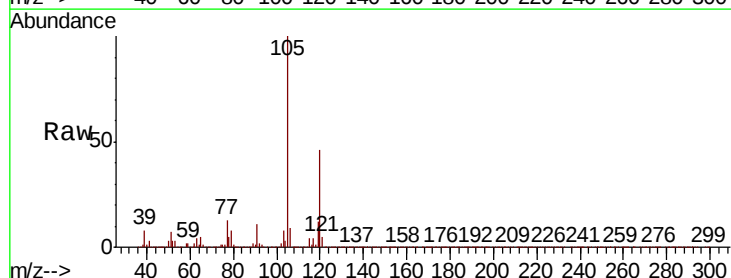
Acq: 06 Apr 2020 11:33

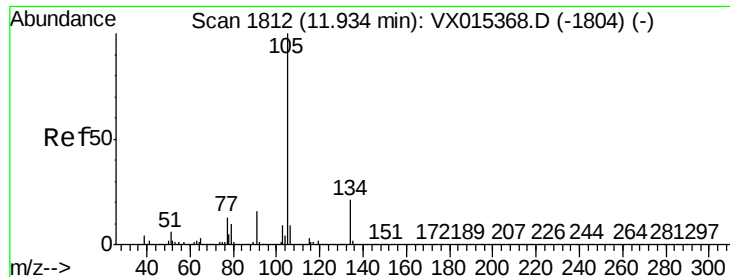
Tgt Ion:105 Resp: 1010351

Ion Ratio Lower Upper

105 100

120 45.0 22.7 68.1





#85

sec-Butylbenzene

Concen: 21.501 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Instrument :

MSVOA_X

ClientSampled :

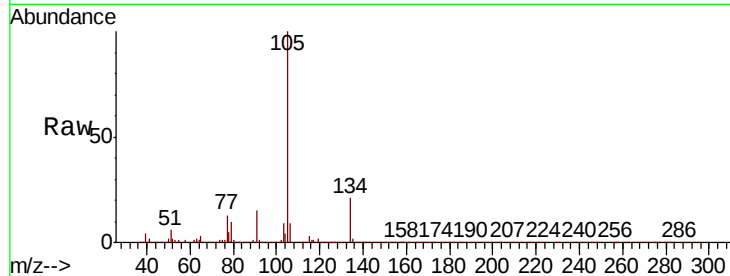
VX0406WBS01

Tot Ion:105 Resp: 1144600

Ion Ratio Lower Upper

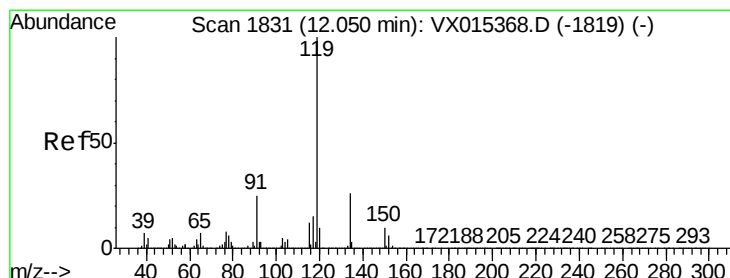
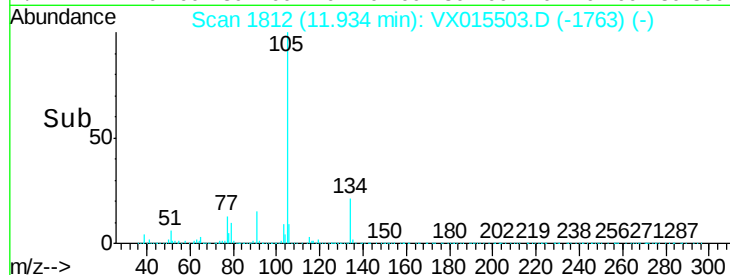
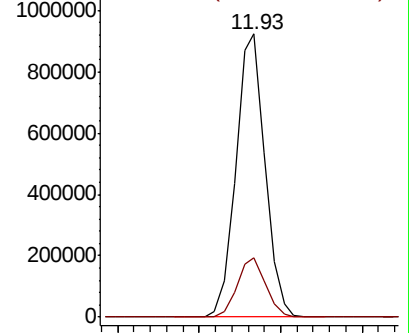
105 100

134 20.7 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.860 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

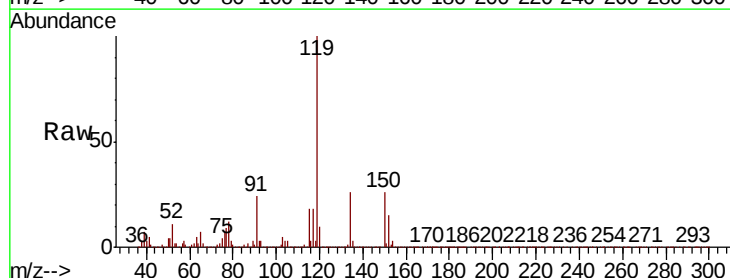
Tgt Ion:119 Resp: 1080325

Ion Ratio Lower Upper

119 100

134 25.4 13.1 39.3

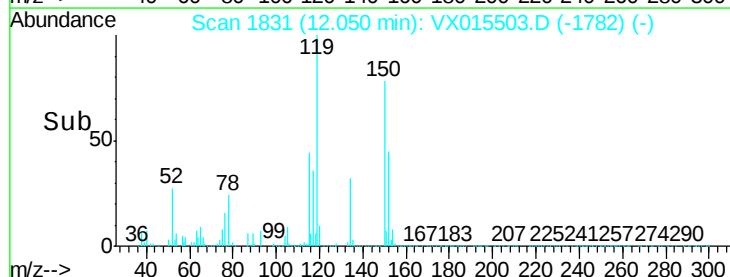
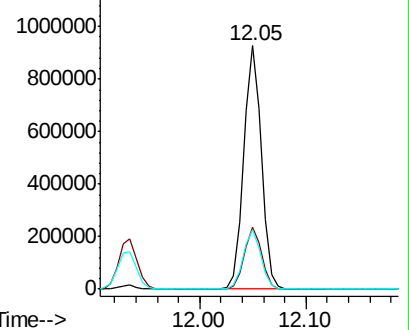
91 24.4 12.4 37.4

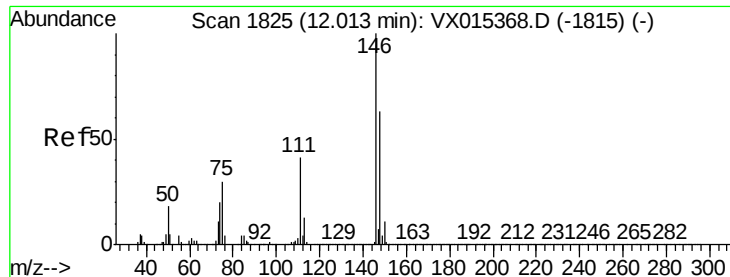


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

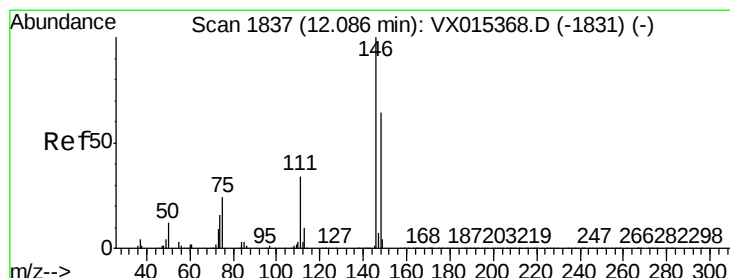
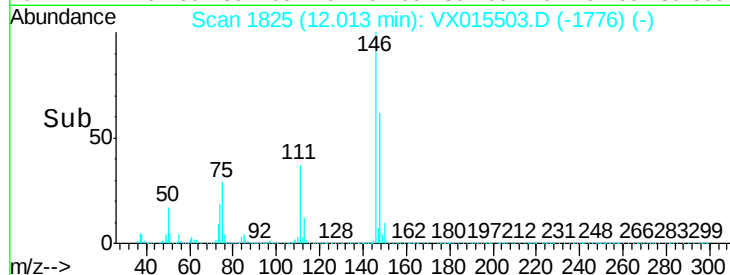
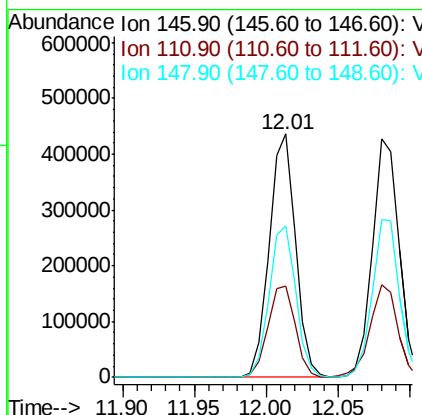
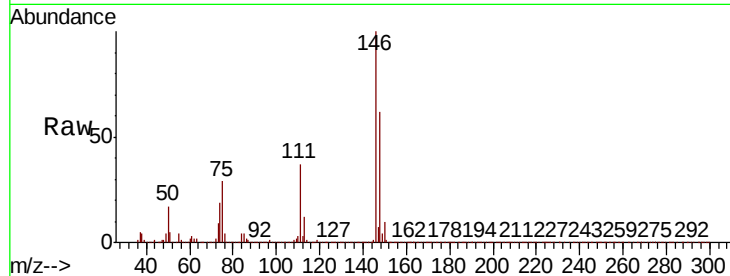




#87
 1,3-Dichlorobenzene
 Concen: 20.962 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: VX015503.D
 Acq: 06 Apr 2020 11:33

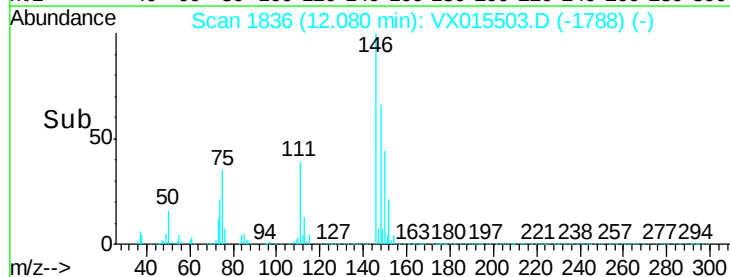
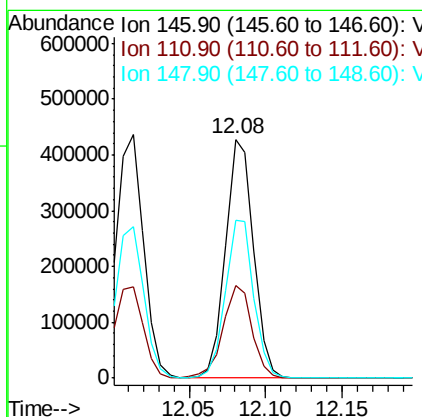
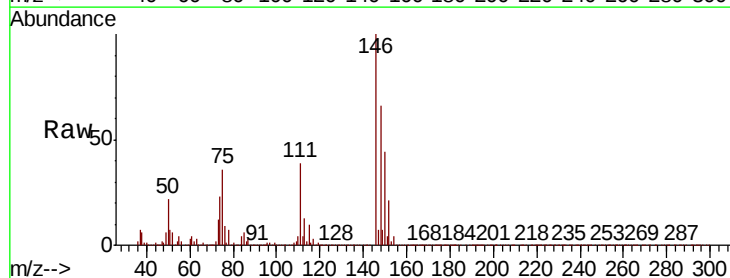
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0406WBS01

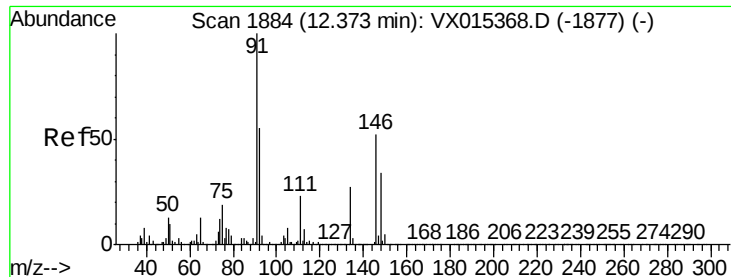
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	20.3	60.9
148	62.8	31.3	93.9



#88
 1,4-Dichlorobenzene
 Concen: 20.152 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015503.D
 Acq: 06 Apr 2020 11:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.1	57.5
148	66.6	32.4	97.2

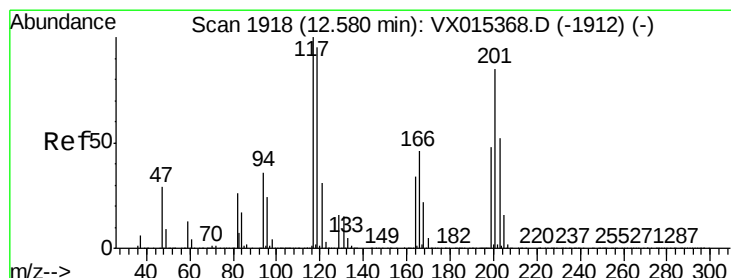
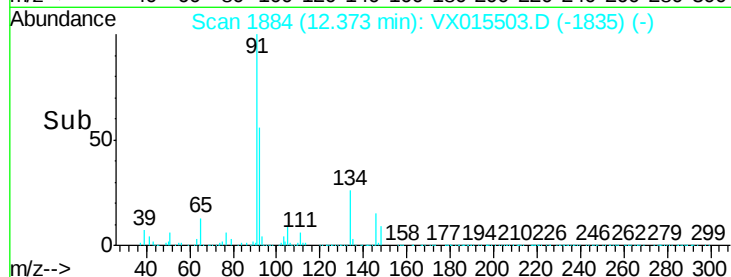
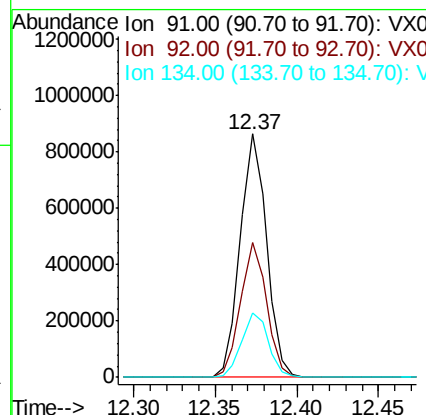
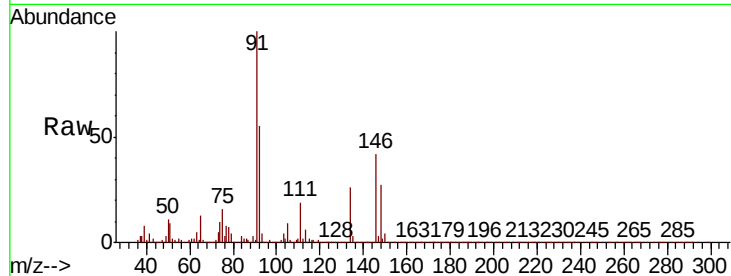




#89
n-Butylbenzene
Concen: 21.832 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

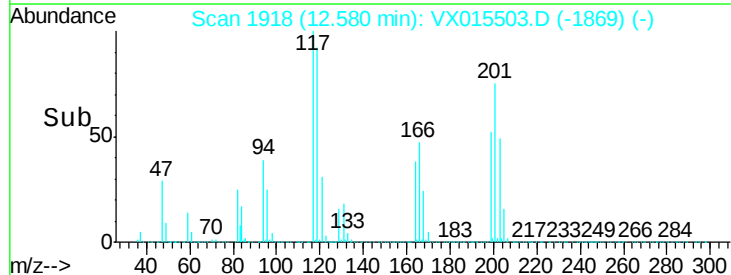
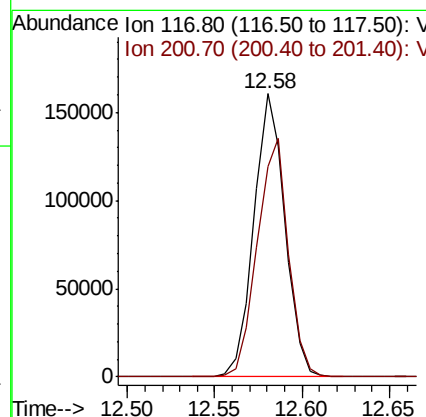
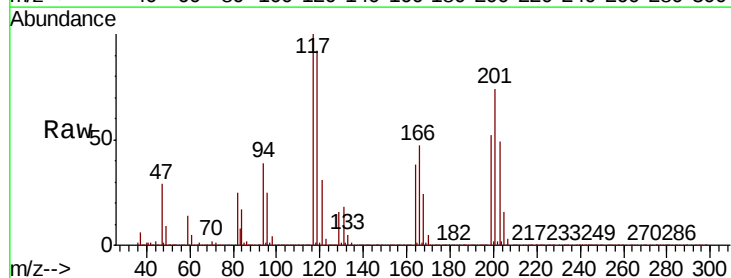
Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01

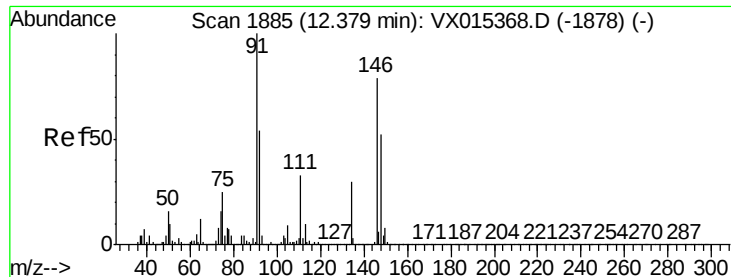
Tot Ion: 91 Resp: 975041
Ion Ratio Lower Upper
91 100
92 54.9 27.2 81.5
134 26.6 13.4 40.2



#90
Hexachloroethane
Concen: 20.449 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Tgt Ion: 117 Resp: 196696
Ion Ratio Lower Upper
117 100
201 85.1 42.6 128.0





#91

1,2-Dichlorobenzene

Concen: 20.346 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

VX0406WBS01

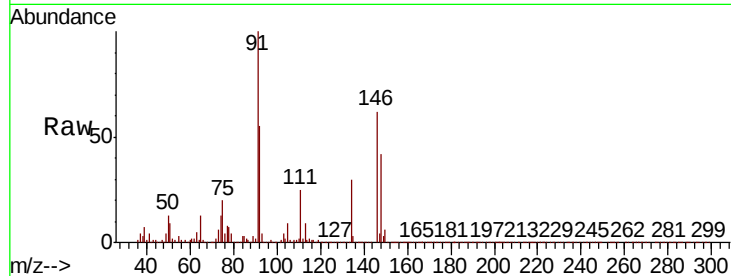
Tot Ion:146 Resp: 524639

Ion Ratio Lower Upper

146 100

111 41.6 21.0 63.0

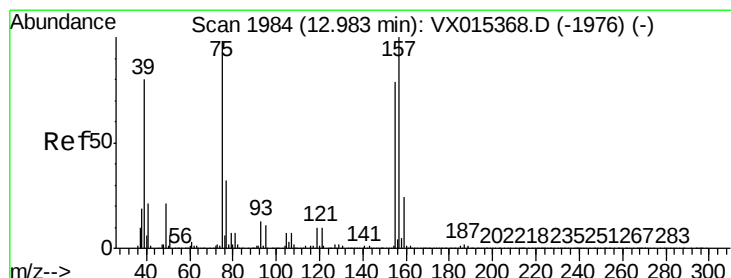
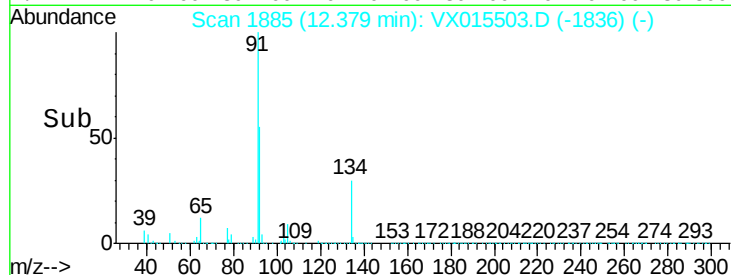
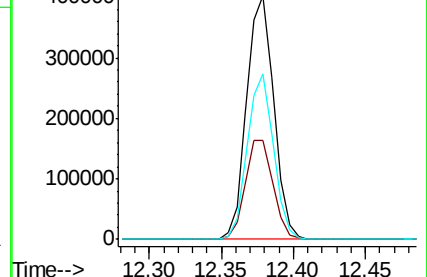
148 65.2 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.058 ug/l

RT: 12.98 min Scan# 1984

Delta R.T. -0.00 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

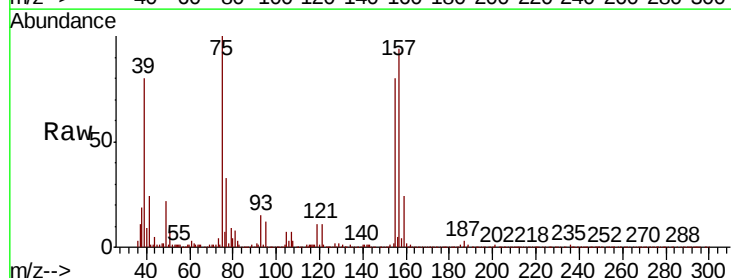
Tgt Ion: 75 Resp: 96501

Ion Ratio Lower Upper

75 100

155 83.8 42.8 128.4

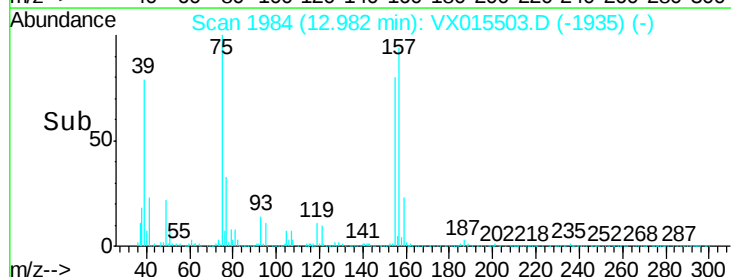
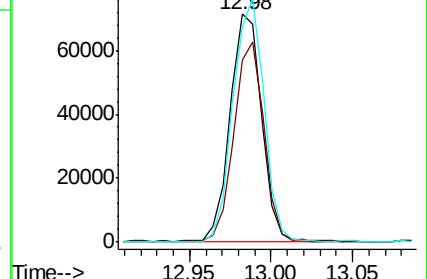
157 103.9 53.4 160.3

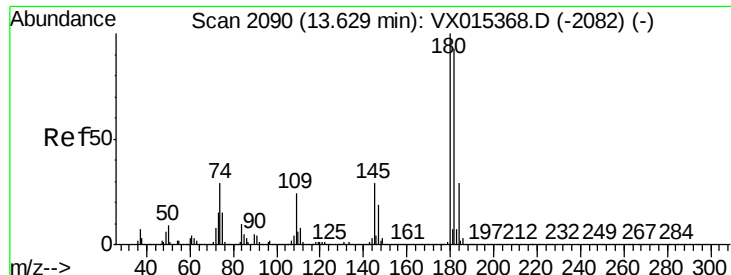


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

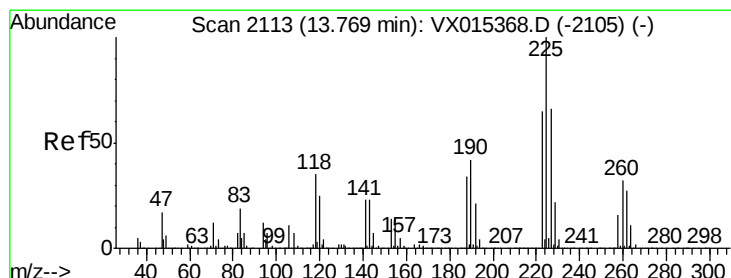
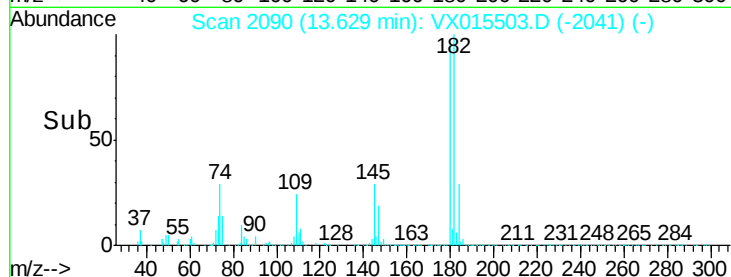
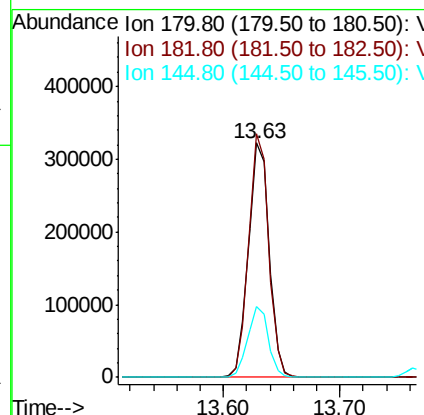
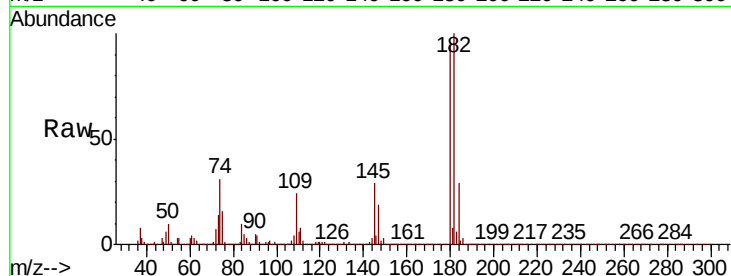




#93
 1,2,4-Trichlorobenzene
 Concen: 19.873 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015503.D
 Acq: 06 Apr 2020 11:33

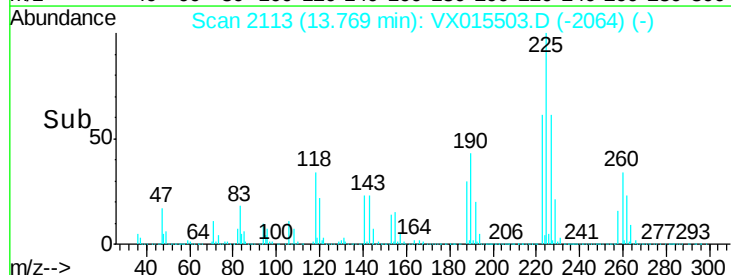
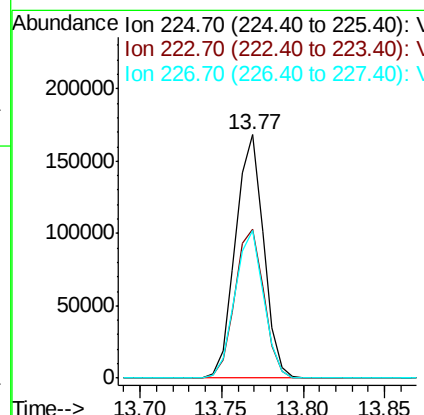
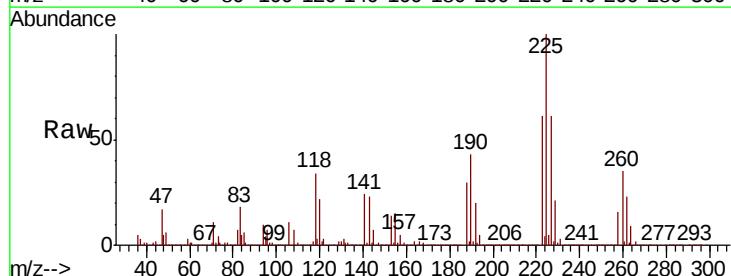
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0406WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	99.8	46.9	140.7
145	29.9	14.9	44.5



#94
 Hexachlorobutadiene
 Concen: 20.763 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VX015503.D
 Acq: 06 Apr 2020 11:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.9	95.7
227	61.9	30.4	91.3

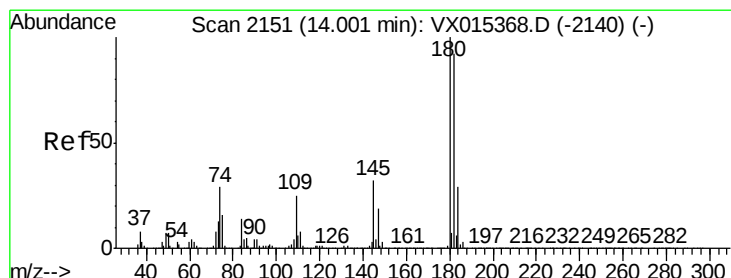
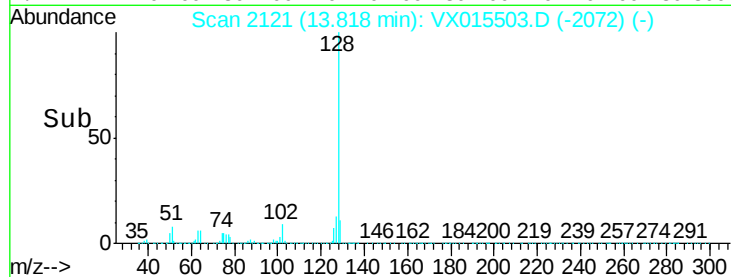
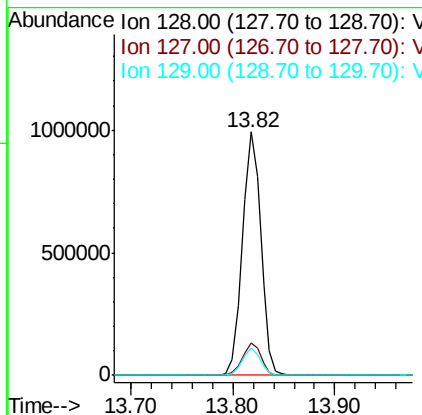
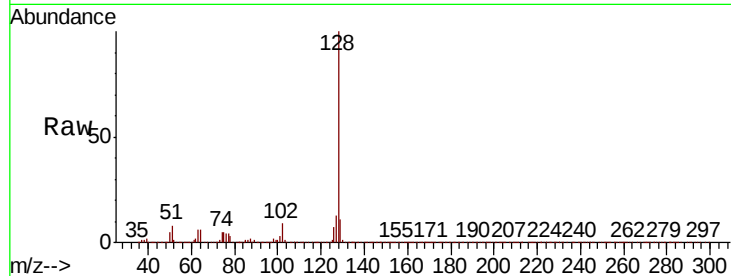




#95
Naphthalene
Concen: 19.874 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Instrument :
MSVOA_X
ClientSampled :
VX0406WBS01

Tot Ion:128 Resp: 1236453
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.140 ug/l
RT: 14.00 min Scan# 2151
Delta R.T. -0.00 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Tgt Ion:180 Resp: 395482
Ion Ratio Lower Upper
180 100
182 98.3 46.7 140.0
145 32.9 15.8 47.3

