

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042320\
 Data File : VX015881.D
 Acq On : 23 Apr 2020 11:42
 Operator : JC/SP
 Sample : VX0423WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS01

Quant Time: Apr 24 03:26:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	899889	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1321434	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1247608	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	675338	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	508986	49.73	ug/l	0.00
Spiked Amount			Recovery	=	99.46%	
35) Dibromofluoromethane	5.47	113	398603	52.26	ug/l	0.00
Spiked Amount			Recovery	=	104.52%	
50) Toluene-d8	8.70	98	1586885	51.68	ug/l	0.00
Spiked Amount			Recovery	=	103.36%	
62) 4-Bromofluorobenzene	11.12	95	624469	49.57	ug/l	0.00
Spiked Amount			Recovery	=	99.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	178741	23.204	ug/l	99
3) Chloromethane	1.31	50	155613	19.725	ug/l	98
4) Vinyl Chloride	1.39	62	181666	19.895	ug/l	100
5) Bromomethane	1.63	94	79481	25.952	ug/l	99
6) Chloroethane	1.72	64	105515	20.278	ug/l	99
7) Trichlorofluoromethane	1.92	101	242520	21.406	ug/l	98
8) Diethyl Ether	2.17	74	87611	19.069	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	157643	20.512	ug/l	96
10) Methyl Iodide	2.49	142	163555	17.225	ug/l	98
11) Tert butyl alcohol	3.00	59	188938	90.350	ug/l	99
12) 1,1-Dichloroethene	2.36	96	158112	20.060	ug/l	97
13) Acrolein	2.27	56	97939	79.152	ug/l	98
14) Allyl chloride	2.70	41	324062	19.348	ug/l	98
15) Acrylonitrile	3.11	53	467605	96.335	ug/l	100
16) Acetone	2.42	43	365754	82.071	ug/l	98
17) Carbon Disulfide	2.55	76	441155	15.412	ug/l	98
18) Methyl Acetate	2.75	43	268860	18.274	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	560434	20.141	ug/l	100
20) Methylene Chloride	2.84	84	179388	19.828	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	169495	19.382	ug/l	95
22) Diisopropyl ether	3.83	45	619017	20.505	ug/l	99
23) Vinyl Acetate	3.78	43	2518660	100.807	ug/l	99
24) 1,1-Dichloroethane	3.67	63	312827	19.882	ug/l	100
25) 2-Butanone	4.63	43	645467	91.634	ug/l	98
26) 2,2-Dichloropropane	4.55	77	287380	20.446	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	202374	20.384	ug/l	97
28) Bromochloromethane	4.98	49	148741	18.016	ug/l	100
29) Tetrahydrofuran	5.09	42	437435	93.888	ug/l	99
30) Chloroform	5.18	83	310923	19.640	ug/l	100
31) Cyclohexane	5.55	56	310112	20.739	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	285947	20.258	ug/l	98
36) 1,1-Dichloropropene	5.77	75	243825	20.814	ug/l	99
37) Ethyl Acetate	4.79	43	270443	19.398	ug/l	99
38) Carbon Tetrachloride	5.75	117	244646	21.201	ug/l	99

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 Data File : VX015881.D
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 Misc : 5.0mL/MSVOA X/WATER
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 VX0423WBS01

Quant Time: Apr 24 03:26:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	302824	20.413	ug/l	97
40) Benzene	6.11	78	723611	20.509	ug/l	98
41) Methacrylonitrile	5.00	41	153471	19.810	ug/l	97
42) 1,2-Dichloroethane	6.16	62	258654	20.358	ug/l	98
43) Isopropyl Acetate	6.41	43	459097	19.521	ug/l	99
44) Trichloroethene	7.19	130	251431	20.277	ug/l	97
45) 1,2-Dichloropropane	7.49	63	190295	20.580	ug/l	99
46) Dibromomethane	7.64	93	126809	18.787	ug/l	99
47) Bromodichloromethane	7.87	83	246418	20.521	ug/l	100
48) Methyl methacrylate	7.75	41	226772	19.603	ug/l	100
49) 1,4-Dioxane	7.72	88	77124	352.759	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1325414	97.638	ug/l	100
52) Toluene	8.76	92	463666	20.502	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	305281	20.490	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	318130	20.203	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	178185	20.177	ug/l	99
56) Ethyl methacrylate	9.16	69	292573	19.559	ug/l	98
57) 1,3-Dichloropropane	9.36	76	312341	20.353	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	719254	96.253	ug/l	99
59) 2-Hexanone	9.47	43	972049	93.996	ug/l	99
60) Dibromochloromethane	9.56	129	191452	20.993	ug/l	97
61) 1,2-Dibromoethane	9.65	107	190227	19.490	ug/l	99
64) Tetrachloroethene	9.32	164	320031	19.031	ug/l	98
65) Chlorobenzene	10.12	112	501708	20.110	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	189355	20.305	ug/l	99
67) Ethyl Benzene	10.23	91	892477	20.371	ug/l	99
68) m/p-Xylenes	10.34	106	674525	41.018	ug/l	99
69) o-Xylene	10.68	106	326652	20.186	ug/l	98
70) Styrene	10.70	104	562425	20.072	ug/l	99
71) Bromoform	10.84	173	137670	22.655	ug/l #	99
73) Isopropylbenzene	11.00	105	880468	20.528	ug/l	100
74) N-amyl acetate	10.88	43	413711	18.684	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	176306	19.423	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	320434	24.952	ug/l	84
77) Bromobenzene	11.24	156	241759	20.629	ug/l	99
78) n-propylbenzene	11.34	91	998008	20.312	ug/l	100
79) 2-Chlorotoluene	11.40	91	588827	19.951	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	748226	20.459	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	97862	18.331	ug/l #	89
82) 4-Chlorotoluene	11.49	91	718236	20.479	ug/l	99
83) tert-Butylbenzene	11.76	119	662509	20.422	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	767698	20.219	ug/l	98
85) sec-Butylbenzene	11.93	105	863561	20.193	ug/l	100
86) p-Isopropyltoluene	12.05	119	825432	20.642	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	424683	19.741	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	425493	19.759	ug/l	97
89) n-Butylbenzene	12.37	91	703380	19.674	ug/l	99
90) Hexachloroethane	12.58	117	117614	27.842	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	398450	19.529	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	52444	19.482	ug/l	98

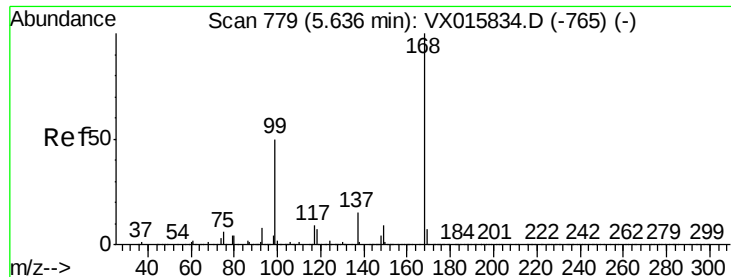
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042320\
Data File : VX015881.D
Acq On : 23 Apr 2020 11:42
Operator : JC/SP
Sample : VX0423WBS01
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Quant Time: Apr 24 03:26:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 23 04:36:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	309715	19.266	ug/l	99
94) Hexachlorobutadiene	13.77	225	143022	19.842	ug/l	98
95) Naphthalene	13.82	128	878413	18.992	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	303021	19.320	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.01 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

Instrument :

MSVOA_X

ClientSampleId :

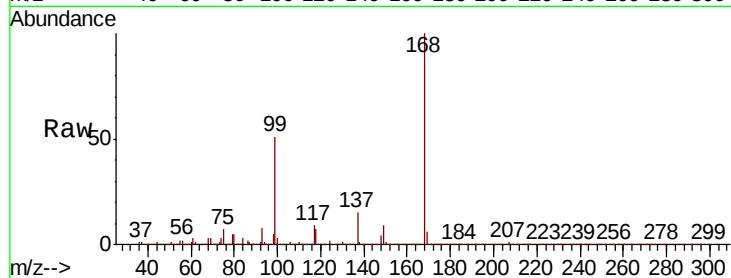
VX0423WBS01

Tot Ion:168 Resp: 899889

Ion Ratio Lower Upper

168 100

99 50.9 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

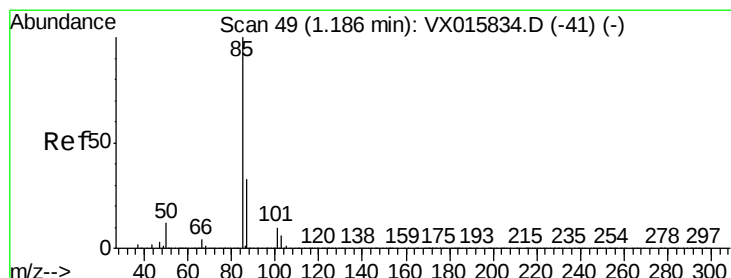
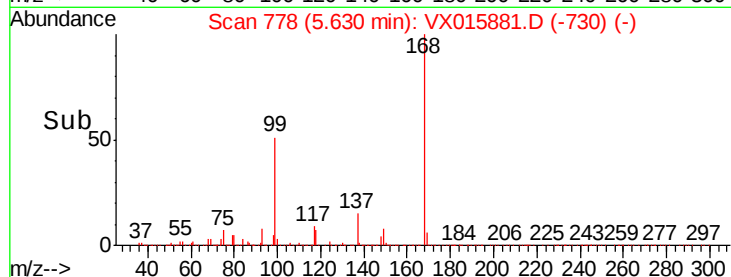
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 23.204 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX015881.D

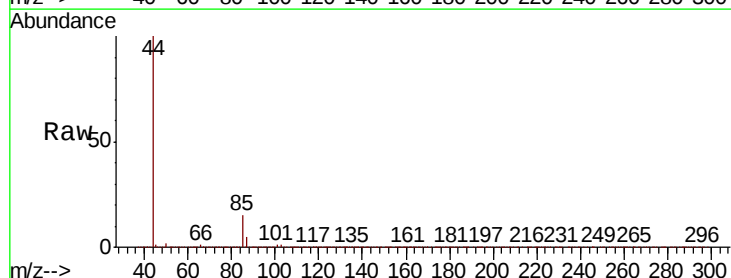
Acq: 23 Apr 2020 11:42

Tgt Ion: 85 Resp: 178741

Ion Ratio Lower Upper

85 100

87 32.2 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

200000

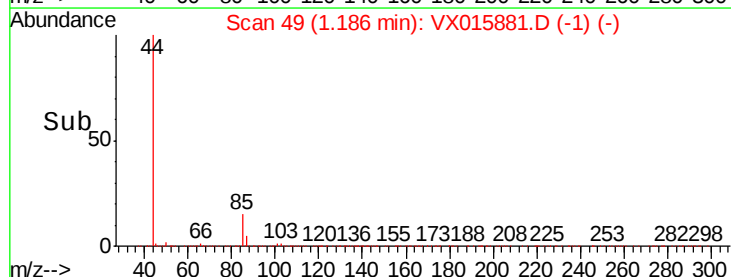
150000

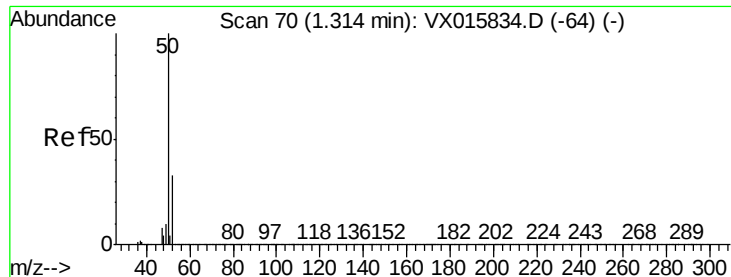
100000

50000

0

Time-->





#3

Chloromethane

Concen: 19.725 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

Instrument :

MSVOA_X

ClientSampleId :

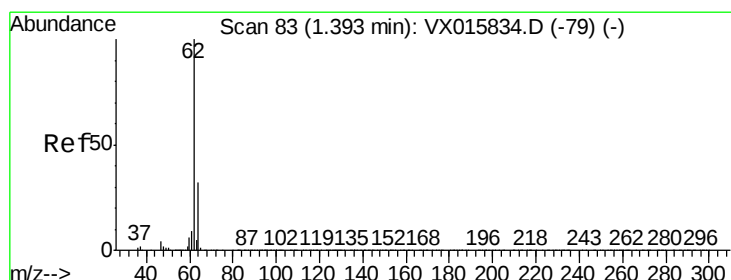
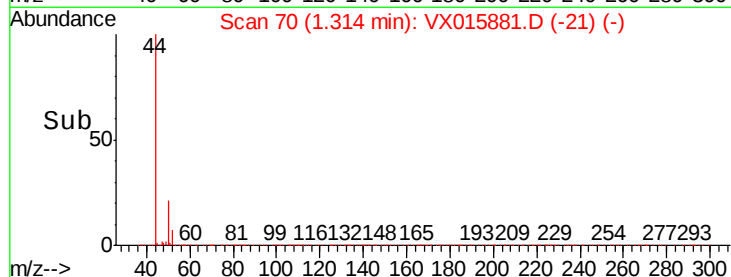
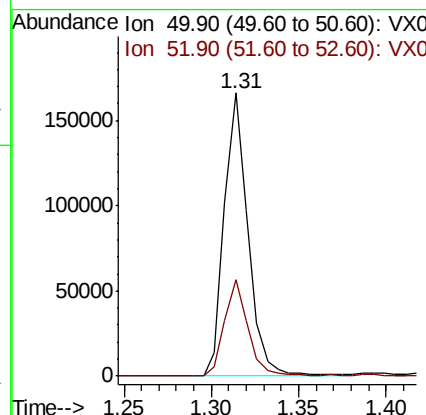
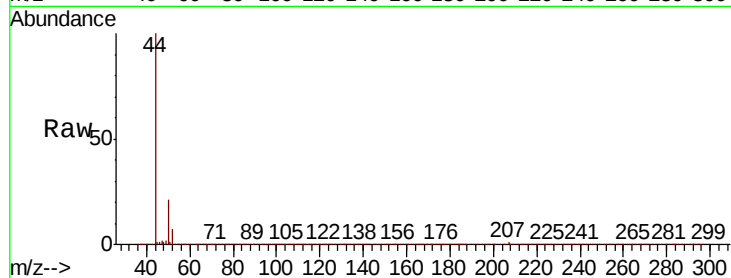
VX0423WBS01

Tot Ion: 50 Resp: 155613

Ion Ratio Lower Upper

50 100

52 33.7 26.2 39.4



#4

Vinyl Chloride

Concen: 19.895 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015881.D

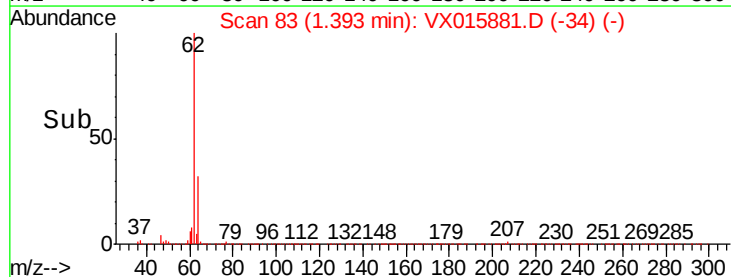
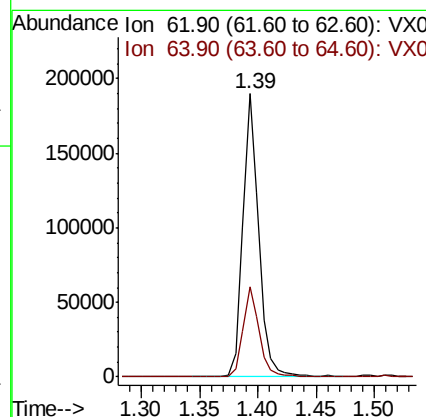
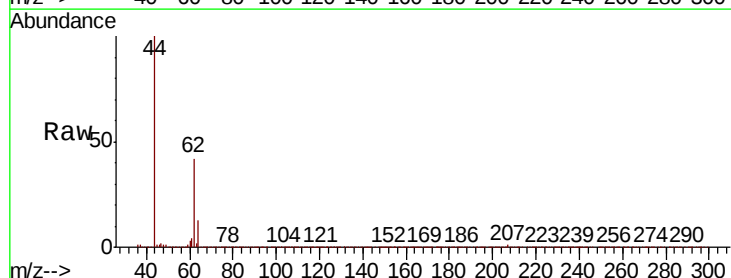
Acq: 23 Apr 2020 11:42

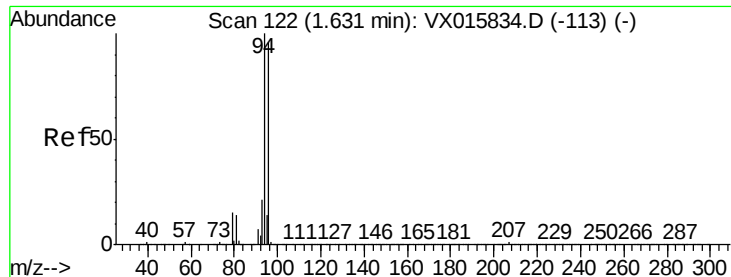
Tgt Ion: 62 Resp: 181666

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.2





#5

Bromomethane

Concen: 25.952 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

Instrument :

MSVOA_X

ClientSampleId :

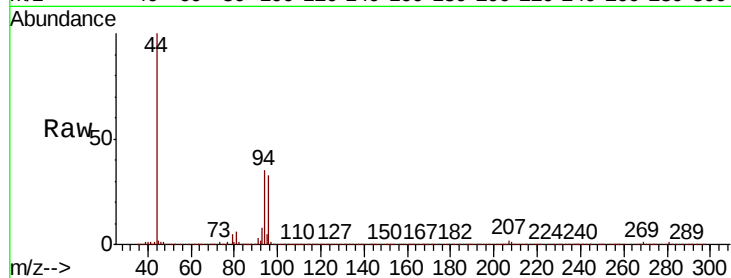
VX0423WBS01

Tot Ion: 94 Resp: 79481

Ion Ratio Lower Upper

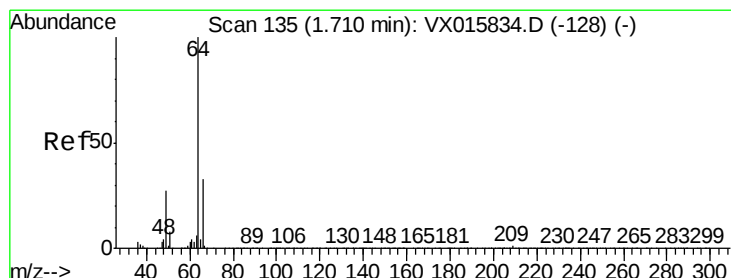
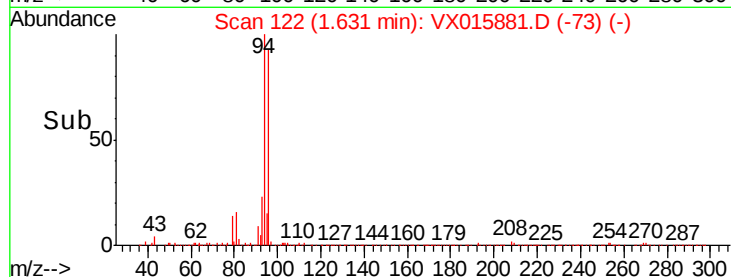
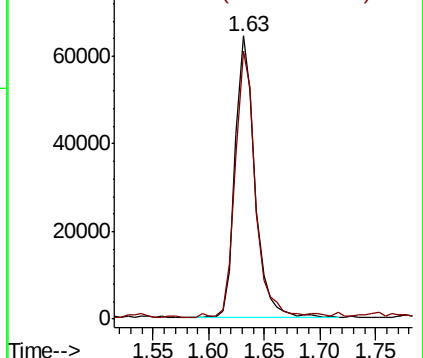
94 100

96 94.7 76.7 115.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.278 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX015881.D

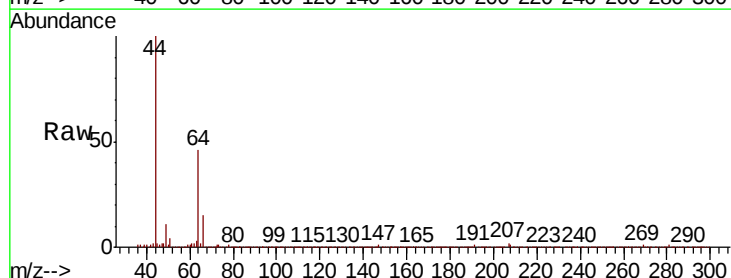
Acq: 23 Apr 2020 11:42

Tgt Ion: 64 Resp: 105515

Ion Ratio Lower Upper

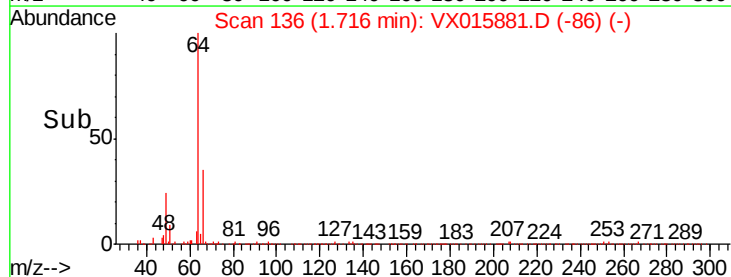
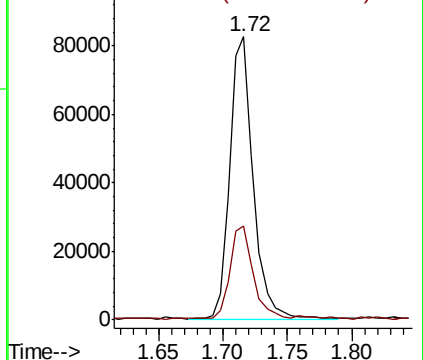
64 100

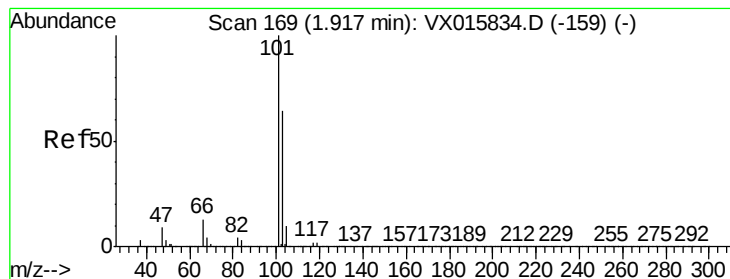
66 33.0 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



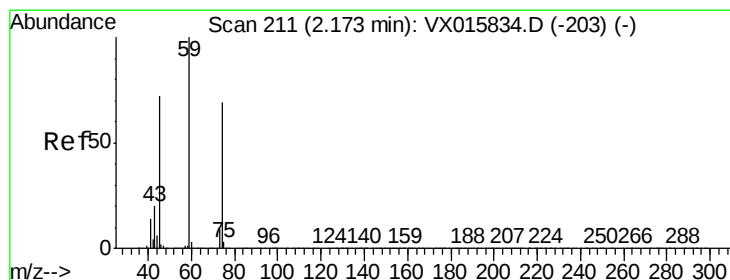
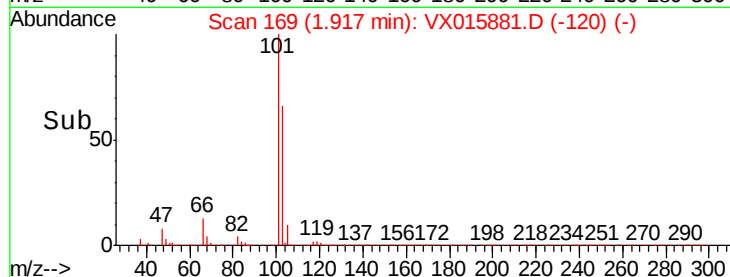
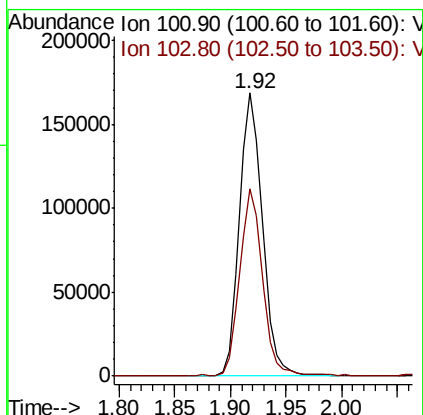
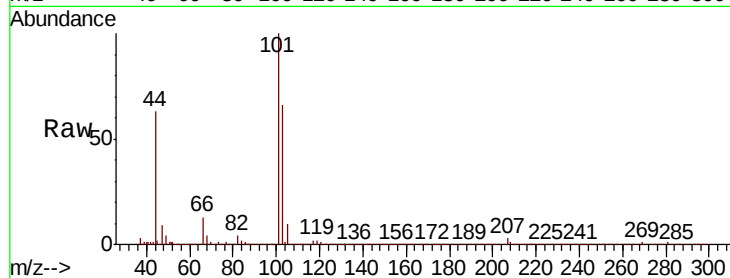


#7

Trichlorofluoromethane
 Concen: 21.406 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX015881.D
 Acq: 23 Apr 2020 11:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS01

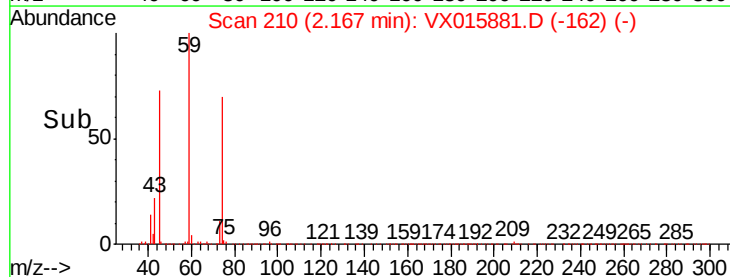
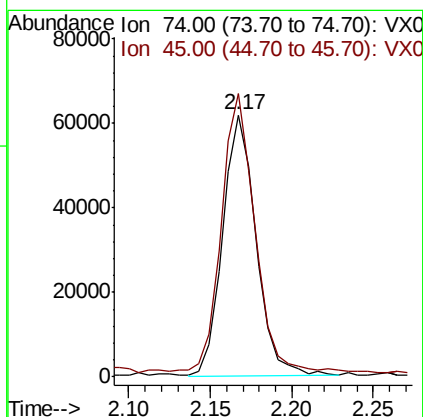
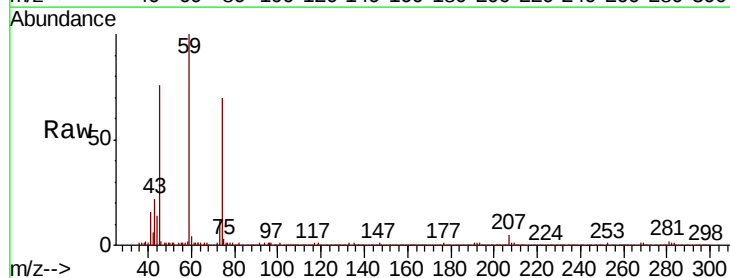
Tot Ion:101 Resp: 242520
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.4 77.0

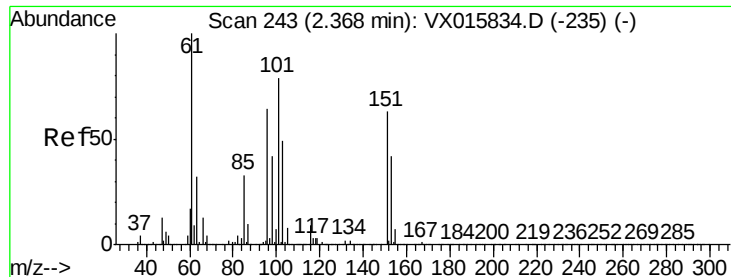


#8

Diethyl Ether
 Concen: 19.069 ug/l
 RT: 2.17 min Scan# 210
 Delta R.T. -0.01 min
 Lab File: VX015881.D
 Acq: 23 Apr 2020 11:42

Tgt Ion: 74 Resp: 87611
 Ion Ratio Lower Upper
 74 100
 45 109.3 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.512 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

Instrument :

MSVOA_X

ClientSampled :

VX0423WBS01

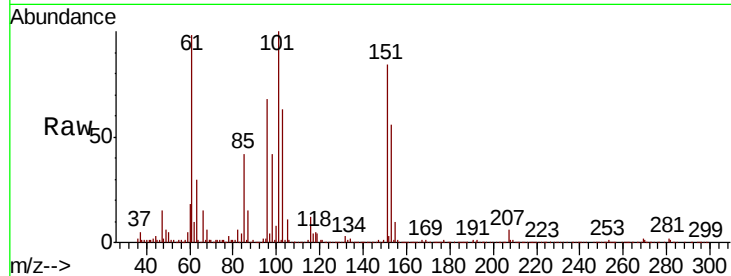
Tot Ion:101 Resp: 157643

Ion Ratio Lower Upper

101 100

85 41.2 33.8 50.6

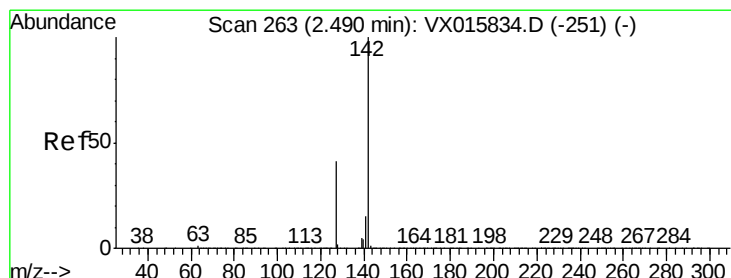
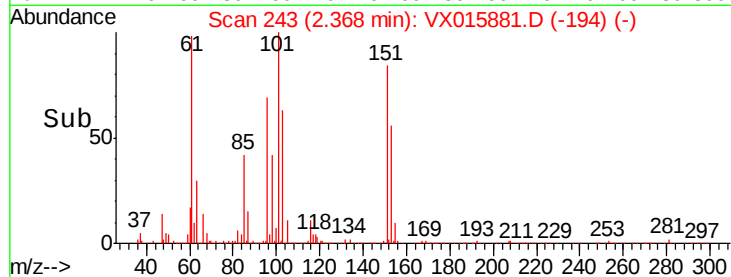
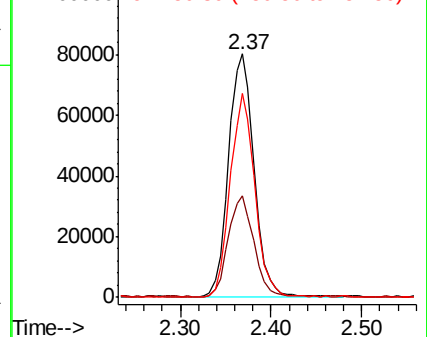
151 80.3 67.8 101.6



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: 17.225 ug/l

RT: 2.49 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

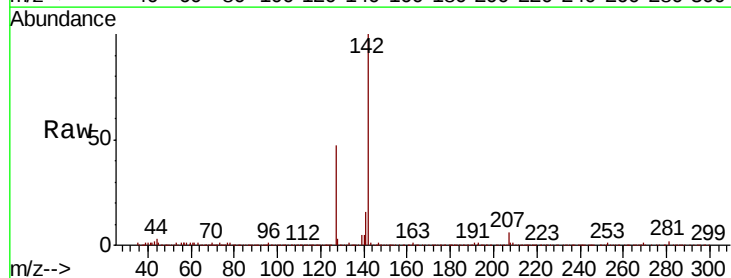
Tgt Ion:142 Resp: 163555

Ion Ratio Lower Upper

142 100

127 43.0 33.3 49.9

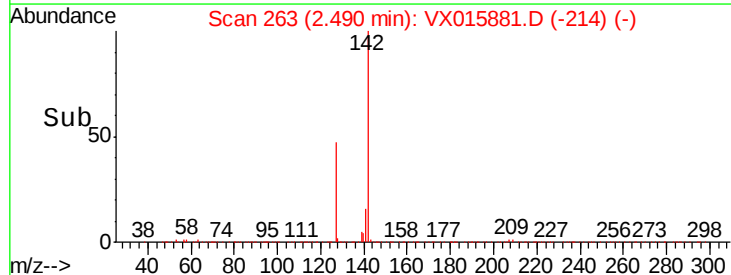
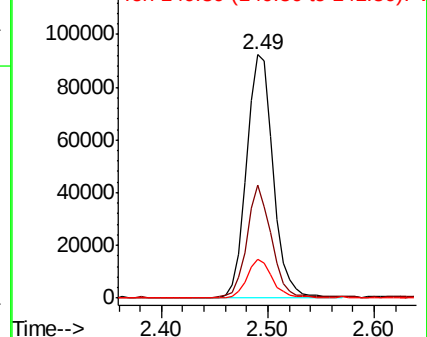
141 14.6 11.8 17.6

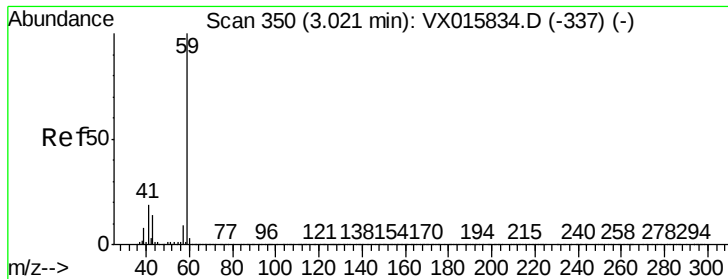


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

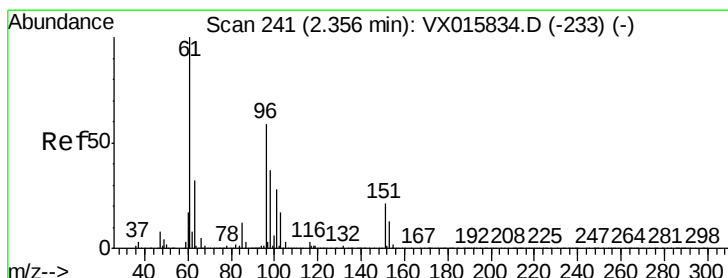
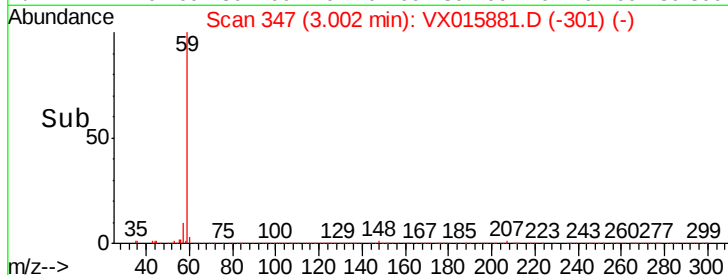
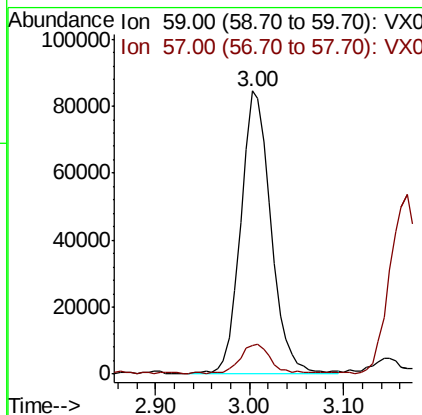
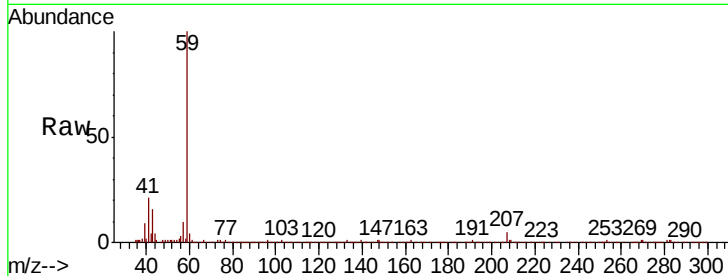




#11
Tert butyl alcohol
Concen: 90.350 ug/l
RT: 3.00 min Scan# 347
Delta R.T. -0.02 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

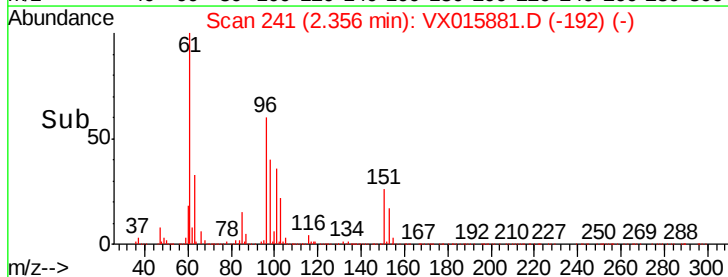
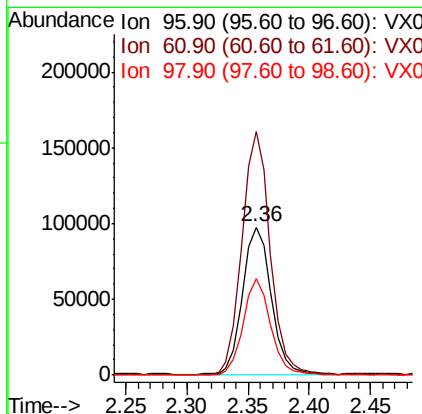
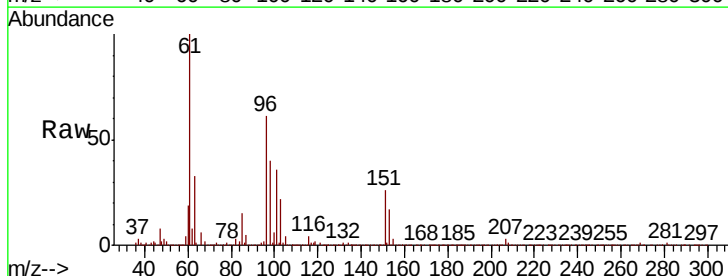
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

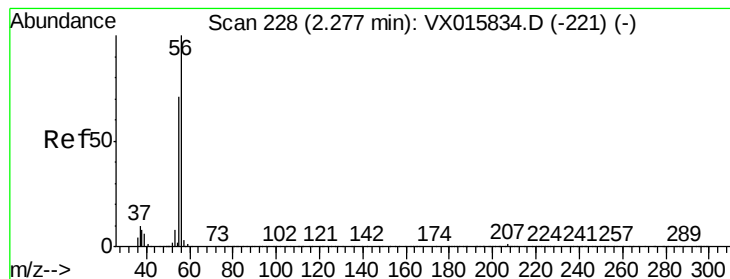
Tot Ion: 59 Resp: 188938
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.2



#12
1,1-Dichloroethene
Concen: 20.060 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Tgt Ion: 96 Resp: 158112
Ion Ratio Lower Upper
96 100
61 165.5 135.0 202.6
98 65.7 50.6 76.0





#13

Acrolein

Concen: 79.152 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.01 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

Instrument :

MSVOA_X

ClientSampleId :

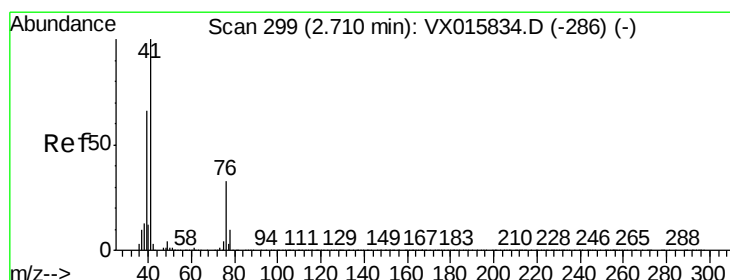
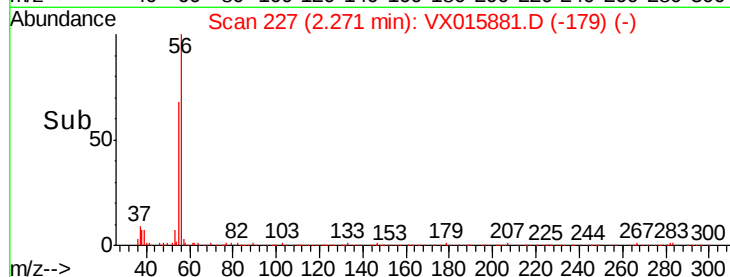
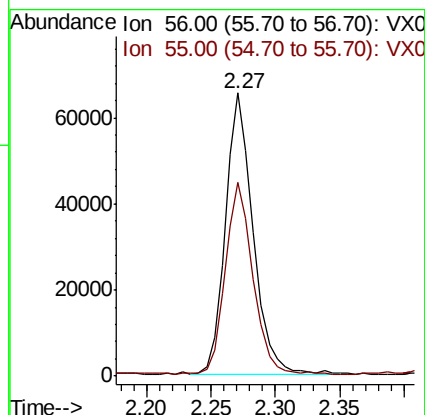
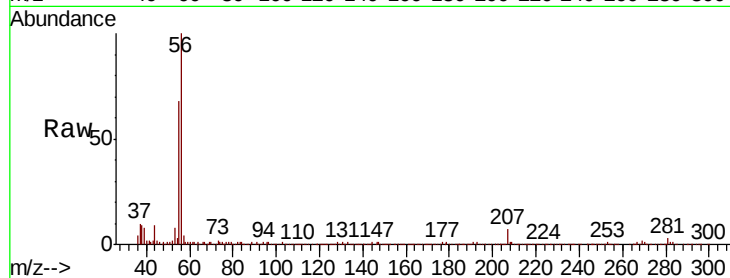
VX0423WBS01

Tot Ion: 56 Resp: 97939

Ion Ratio Lower Upper

56 100

55 68.3 56.1 84.1



#14

Allyl chloride

Concen: 19.348 ug/l

RT: 2.70 min Scan# 298

Delta R.T. -0.01 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

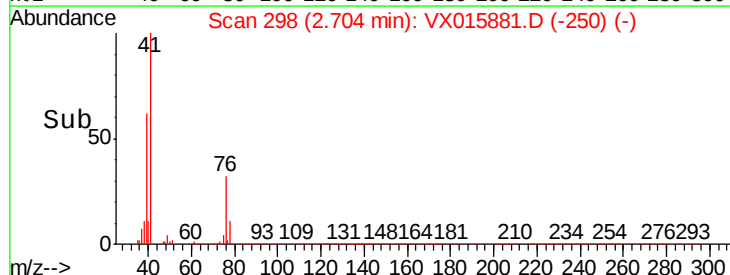
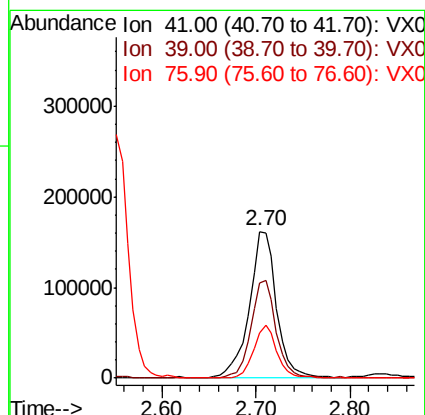
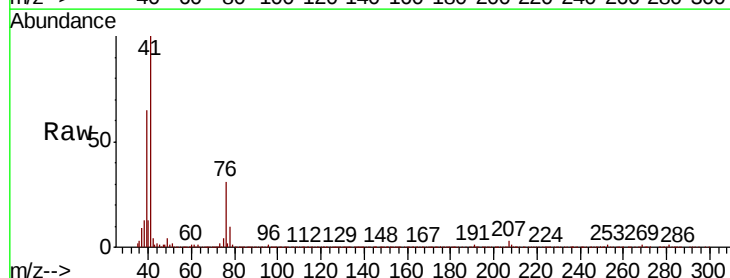
Tgt Ion: 41 Resp: 324062

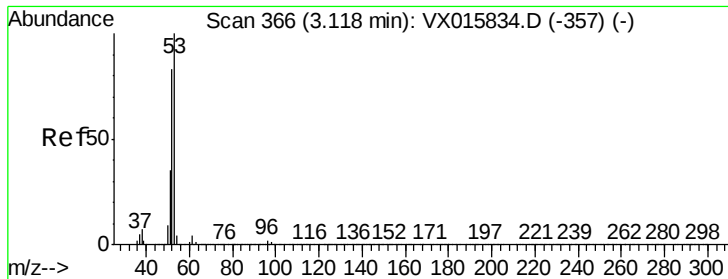
Ion Ratio Lower Upper

41 100

39 61.5 48.4 72.6

76 30.9 23.8 35.8





#15

Acrylonitrile

Concen: 96.335 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS01

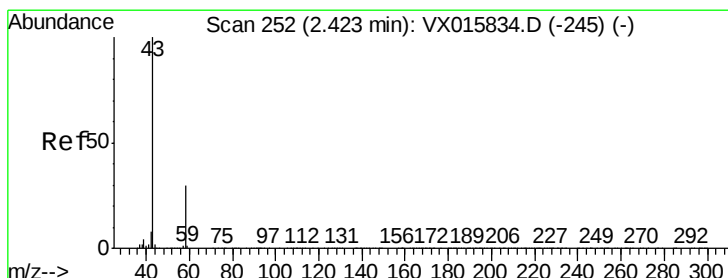
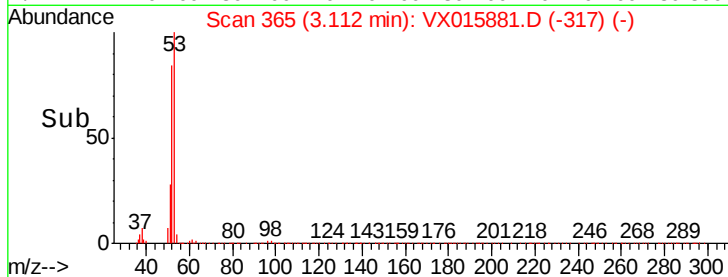
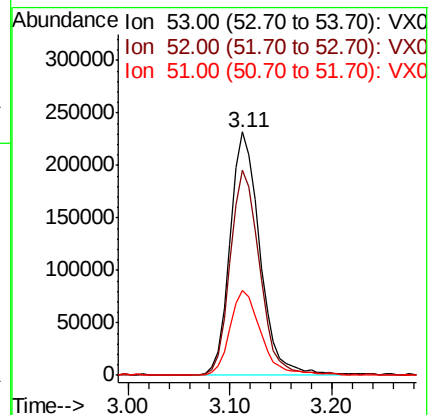
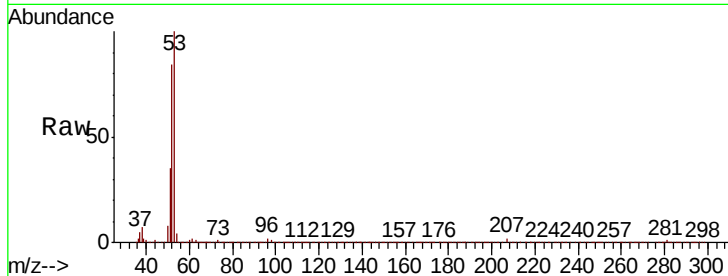
Tot Ion: 53 Resp: 467605

Ion Ratio Lower Upper

53 100

52 83.0 66.2 99.4

51 36.1 28.6 43.0



#16

Acetone

Concen: 82.071 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.01 min

Lab File: VX015881.D

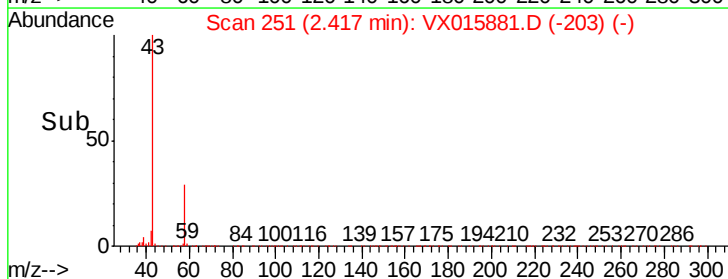
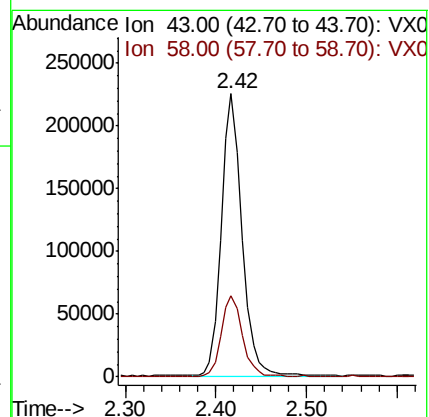
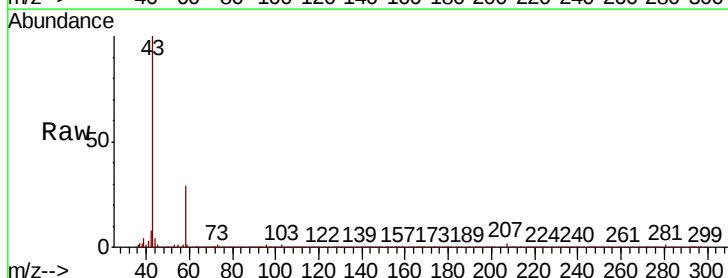
Acq: 23 Apr 2020 11:42

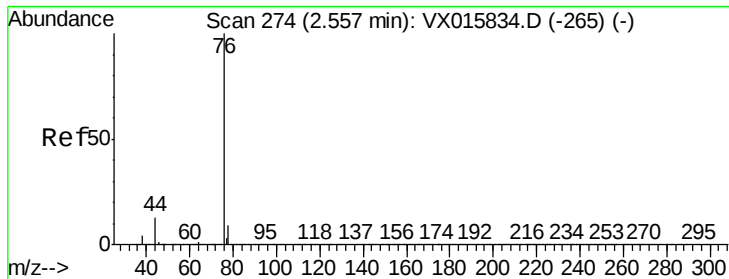
Tgt Ion: 43 Resp: 365754

Ion Ratio Lower Upper

43 100

58 28.7 24.0 36.0





#17

Carbon Disulfide

Concen: 15.412 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

Instrument :

MSVOA_X

ClientSampleId :

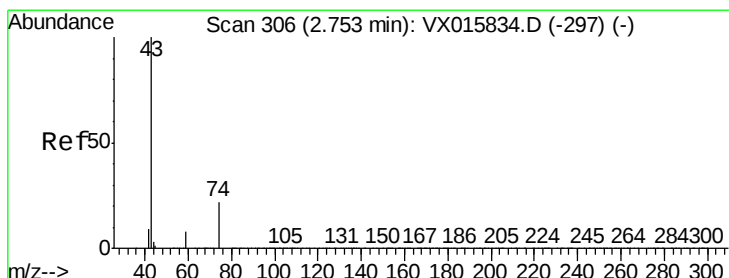
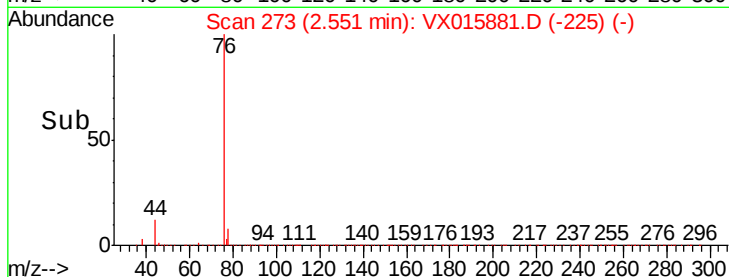
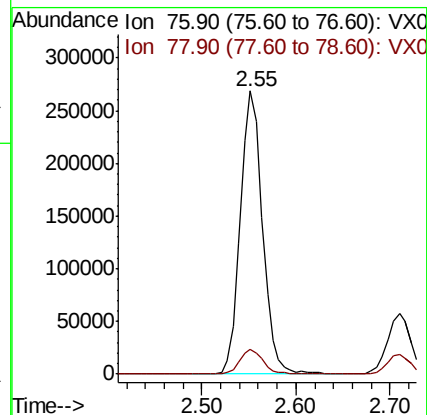
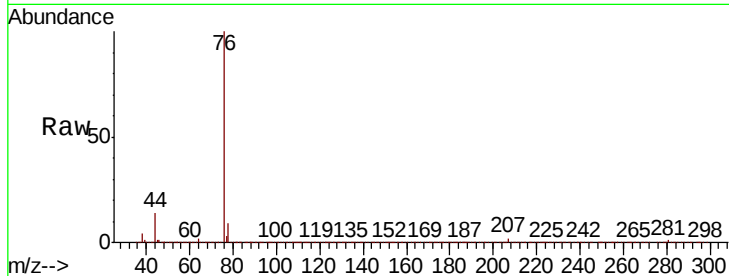
VX0423WBS01

Tot Ion: 76 Resp: 441155

Ion Ratio Lower Upper

76 100

78 8.6 7.4 11.2



#18

Methyl Acetate

Concen: 18.274 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015881.D

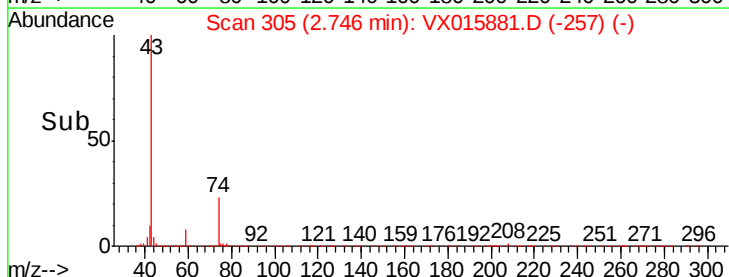
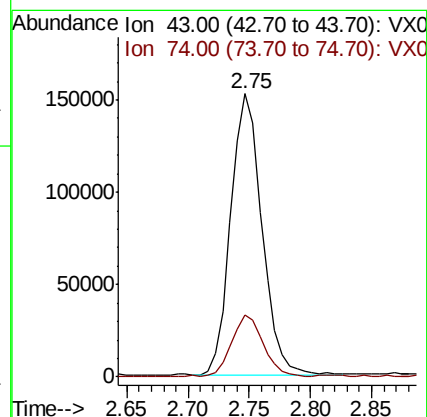
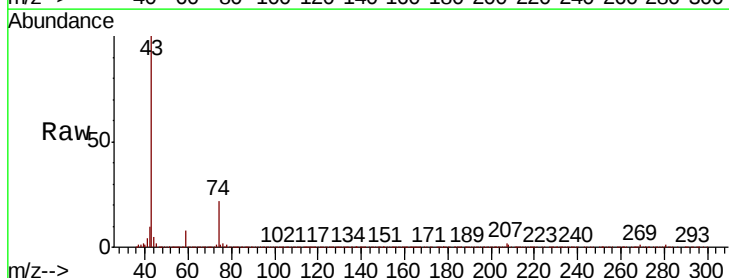
Acq: 23 Apr 2020 11:42

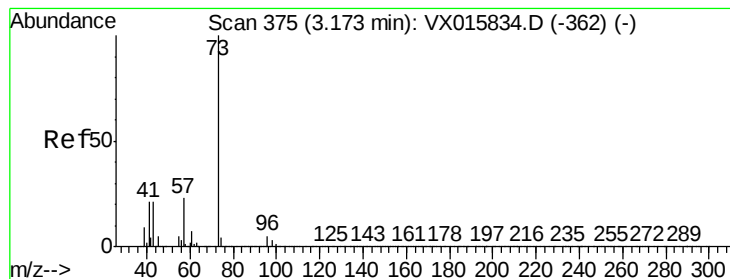
Tgt Ion: 43 Resp: 268860

Ion Ratio Lower Upper

43 100

74 22.7 17.9 26.9



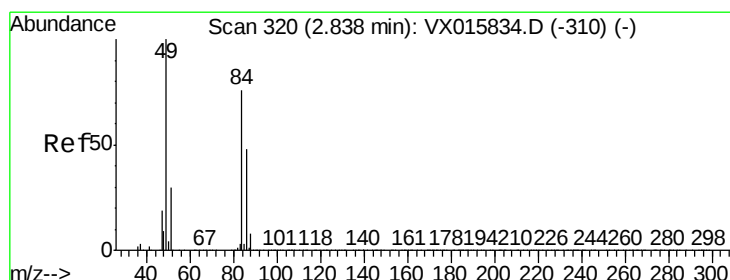
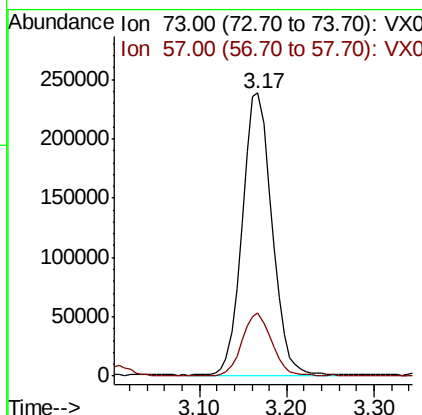
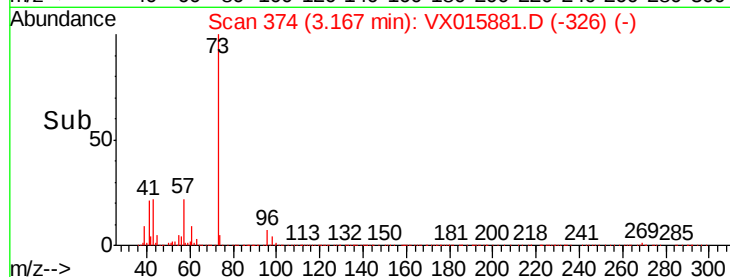
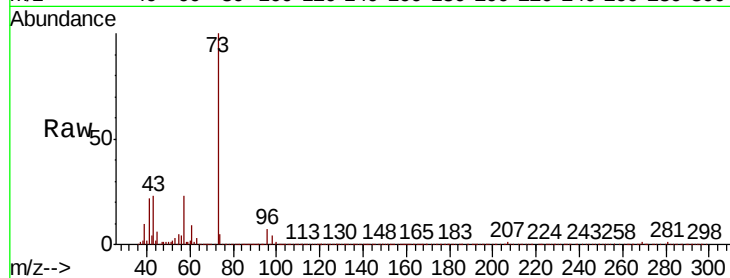


#19

Methyl tert-butyl Ether
 Concen: 20.141 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. -0.01 min
 Lab File: VX015881.D
 Acq: 23 Apr 2020 11:42

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0423WBS01

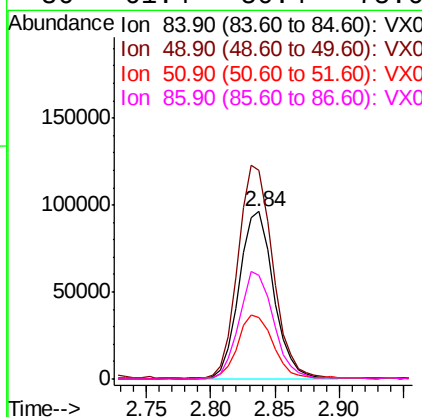
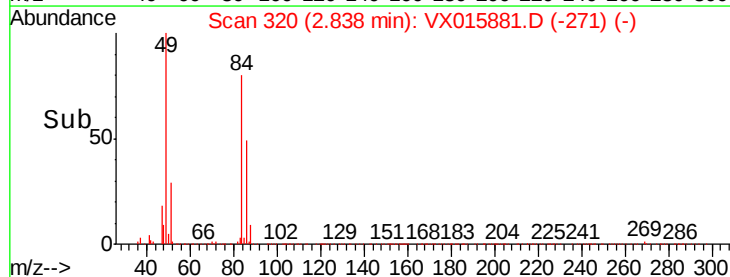
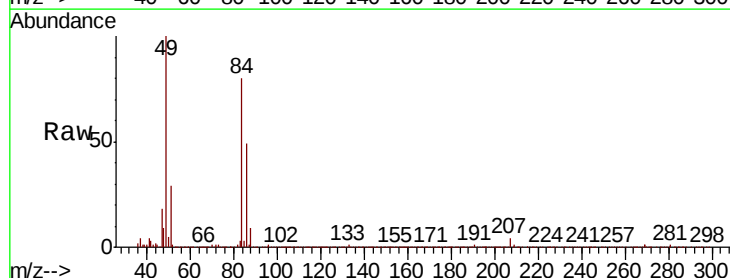
Tot Ion: 73 Resp: 560434
 Ion Ratio Lower Upper
 73 100
 57 22.4 18.1 27.1

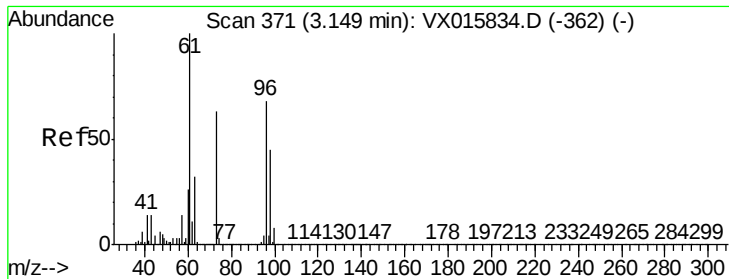


#20

Methylene Chloride
 Concen: 19.828 ug/l
 RT: 2.84 min Scan# 320
 Delta R.T. 0.00 min
 Lab File: VX015881.D
 Acq: 23 Apr 2020 11:42

Tgt Ion: 84 Resp: 179388
 Ion Ratio Lower Upper
 84 100
 49 124.3 104.9 157.3
 51 36.3 32.0 48.0
 86 61.4 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 19.382 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.01 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS01

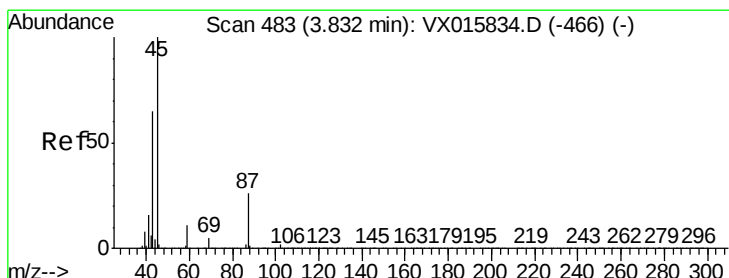
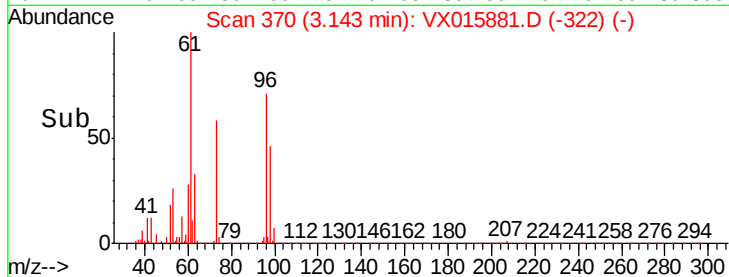
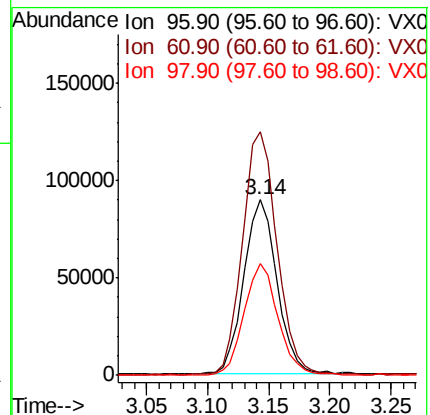
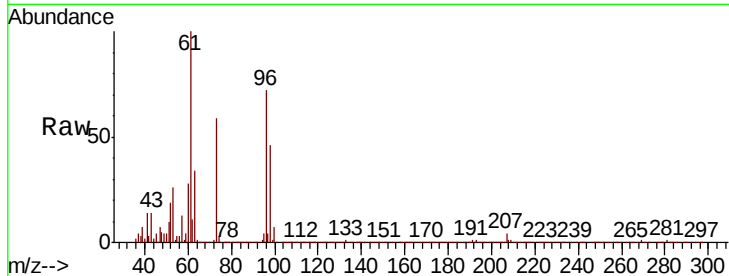
Tot Ion: 96 Resp: 169495

Ion Ratio Lower Upper

96 100

61 139.0 117.5 176.3

98 63.7 52.7 79.1



#22

Diisopropyl ether

Concen: 20.505 ug/l

RT: 3.83 min Scan# 482

Delta R.T. -0.01 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

Tgt Ion: 45 Resp: 619017

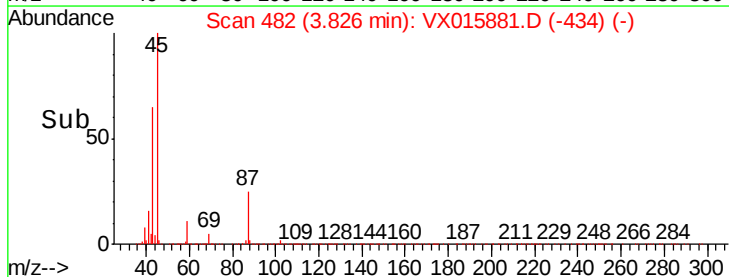
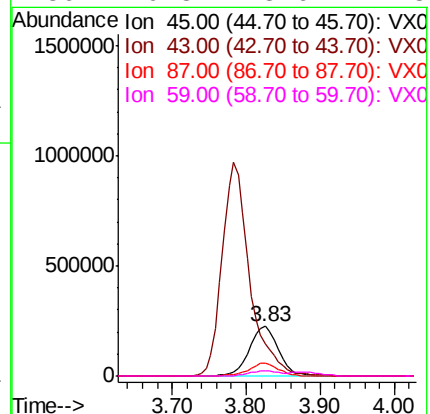
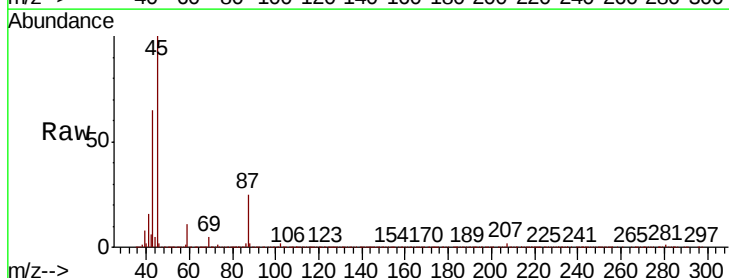
Ion Ratio Lower Upper

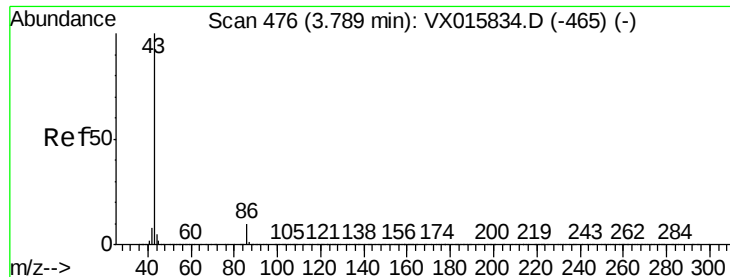
45 100

43 65.0 52.4 78.6

87 24.8 20.7 31.1

59 10.8 8.6 12.8





#23

Vinyl Acetate

Concen: 100.807 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

Instrument :

MSVOA_X

ClientSampled :

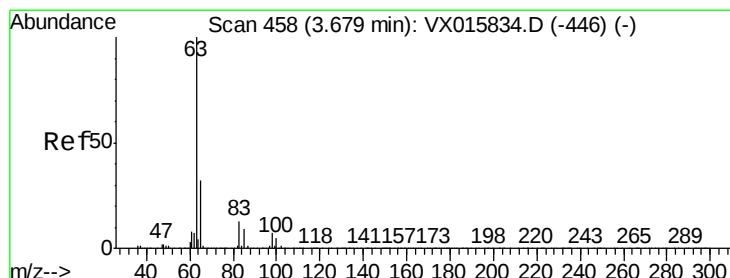
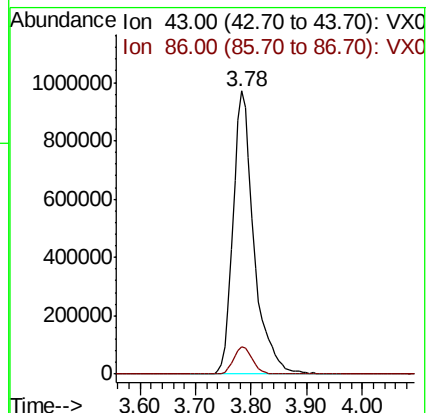
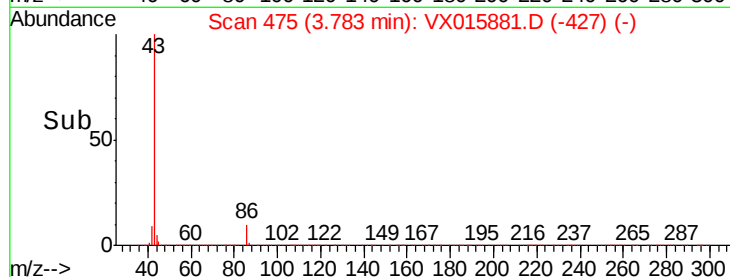
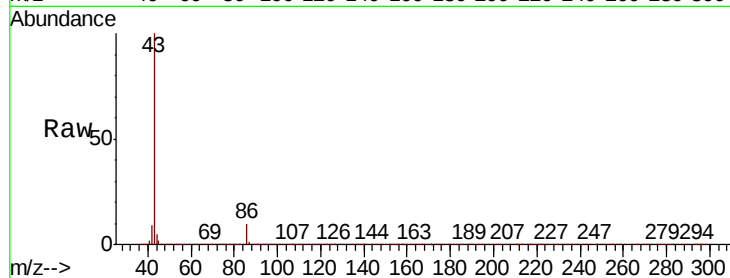
VX0423WBS01

Tot Ion: 43 Resp: 2518660

Ion Ratio Lower Upper

43 100

86 9.8 8.0 12.0



#24

1,1-Dichloroethane

Concen: 19.882 ug/l

RT: 3.67 min Scan# 456

Delta R.T. -0.01 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

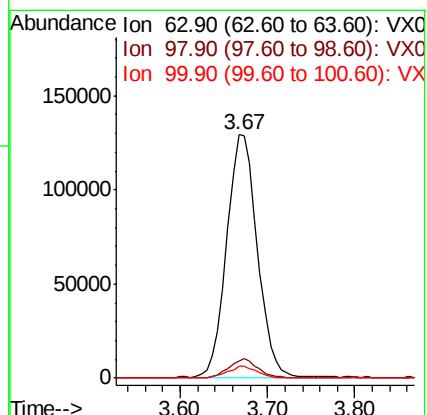
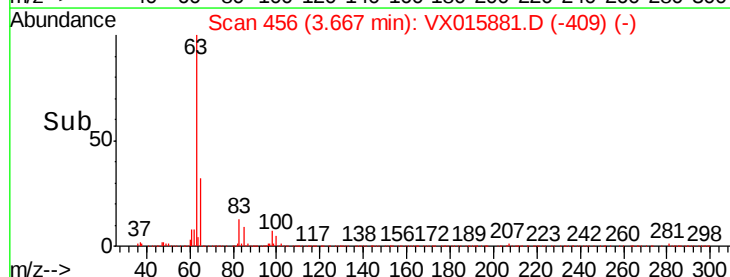
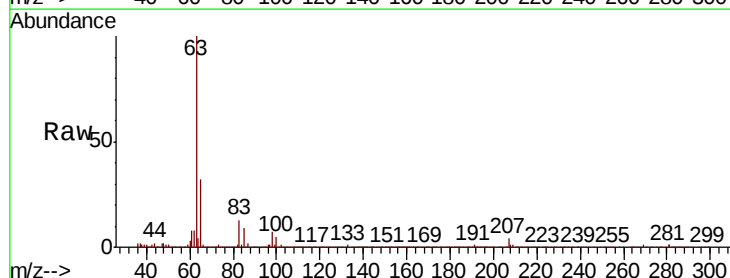
Tgt Ion: 63 Resp: 312827

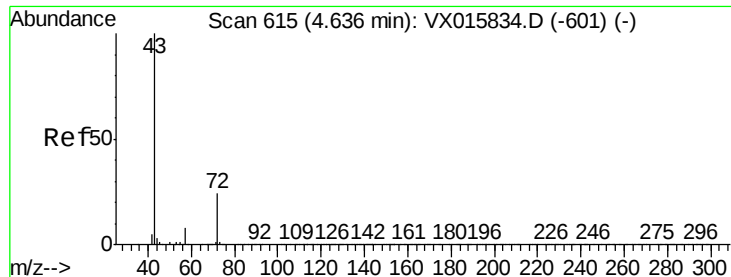
Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.4

100 4.6 2.3 6.8





#25

2-Butanone

Concen: 91.634 ug/l

RT: 4.63 min Scan# 614

Delta R.T. -0.01 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

Instrument :

MSVOA_X

ClientSampleId :

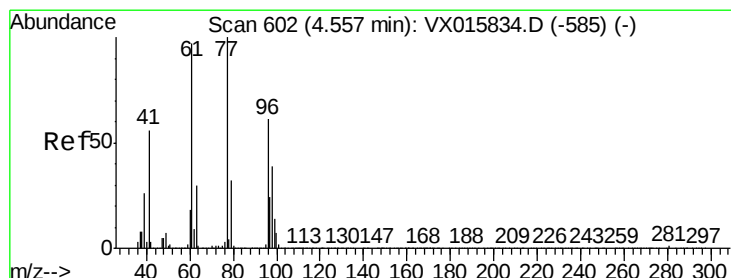
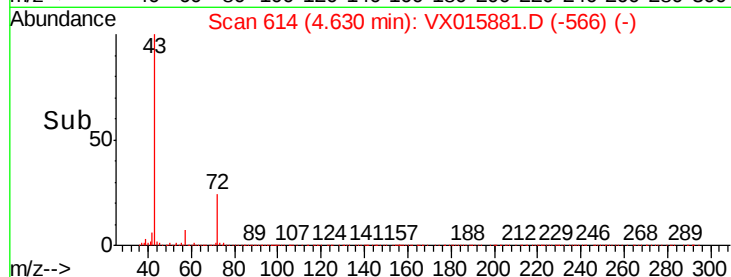
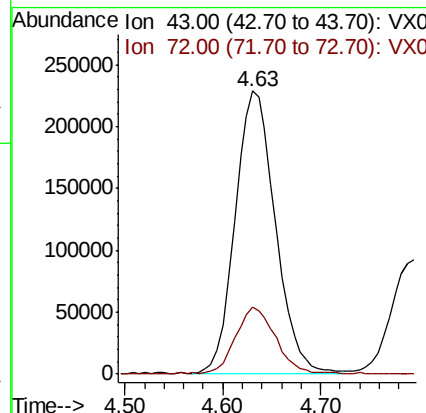
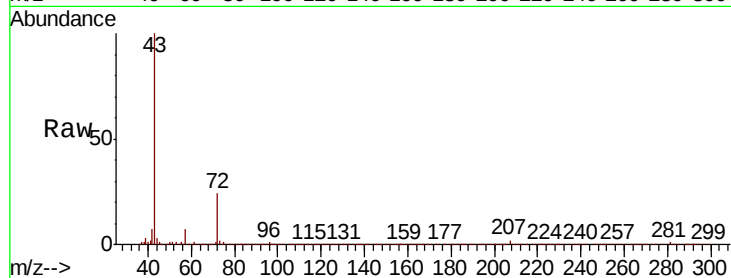
VX0423WBS01

Tot Ion: 43 Resp: 645467

Ion Ratio Lower Upper

43 100

72 23.4 19.4 29.2



#26

2,2-Dichloropropane

Concen: 20.446 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015881.D

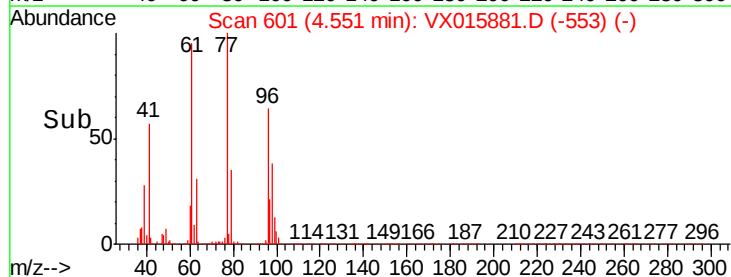
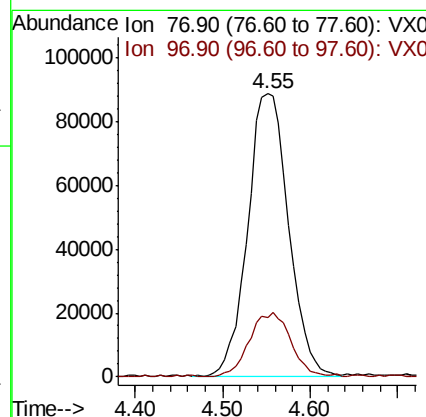
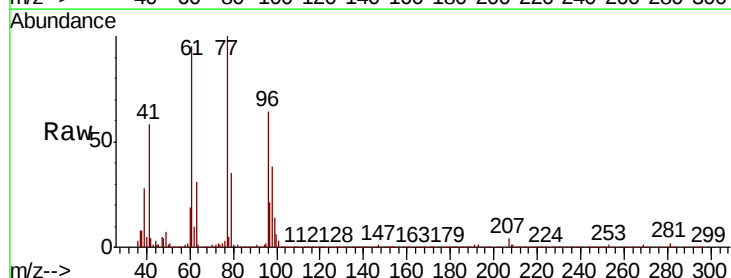
Acq: 23 Apr 2020 11:42

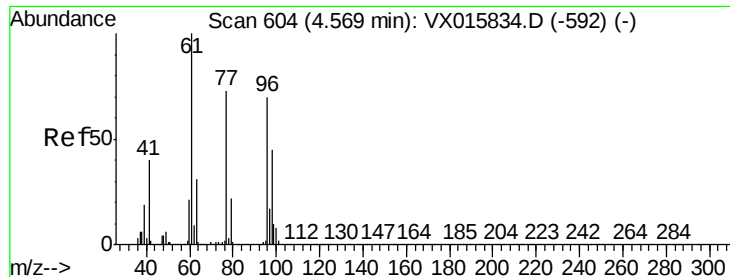
Tgt Ion: 77 Resp: 287380

Ion Ratio Lower Upper

77 100

97 23.2 11.4 34.1



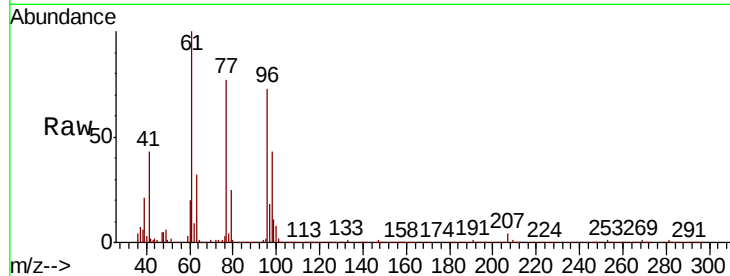


#27

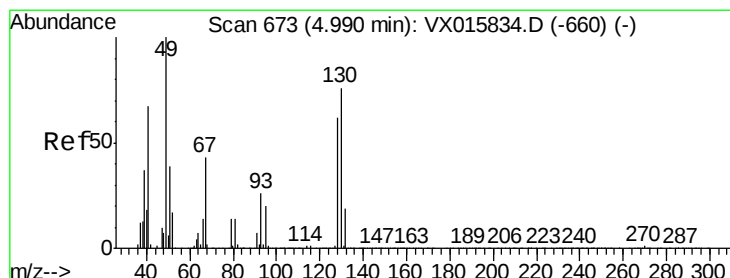
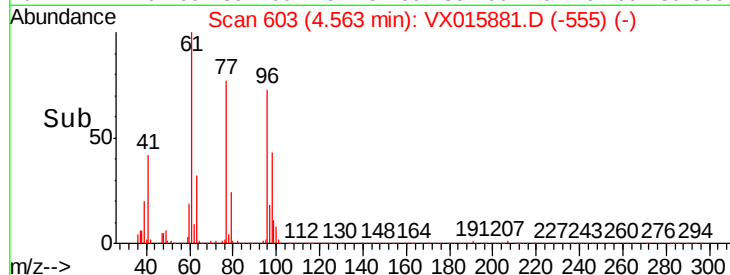
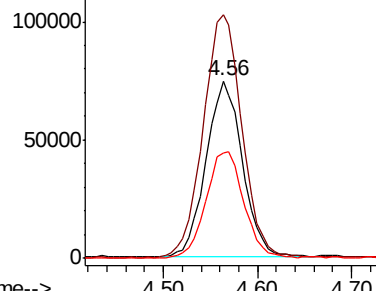
cis-1,2-Dichloroethene
Concen: 20.384 ug/l
RT: 4.56 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

Tot Ion: 96 Resp: 202374
Ion Ratio Lower Upper
96 100
61 146.4 0.0 299.4
98 61.6 0.0 129.6



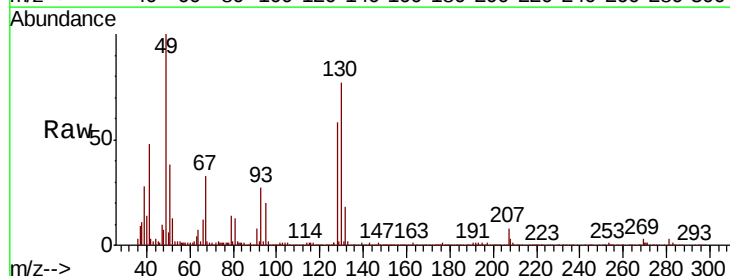
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



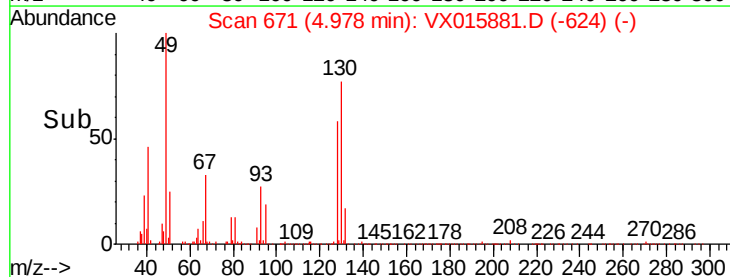
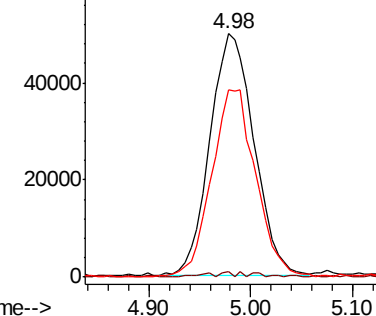
#28

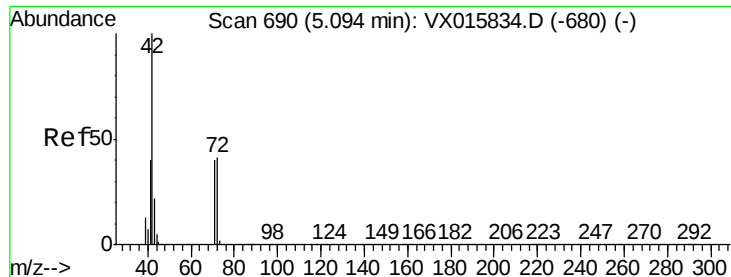
Bromochloromethane
Concen: 18.016 ug/l
RT: 4.98 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Tgt Ion: 49 Resp: 148741
Ion Ratio Lower Upper
49 100
129 0.5 0.0 1.8
130 78.2 62.4 93.6



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





#29

Tetrahydrofuran

Concen: 93.888 ug/l

RT: 5.09 min Scan# 689

Delta R.T. -0.01 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS01

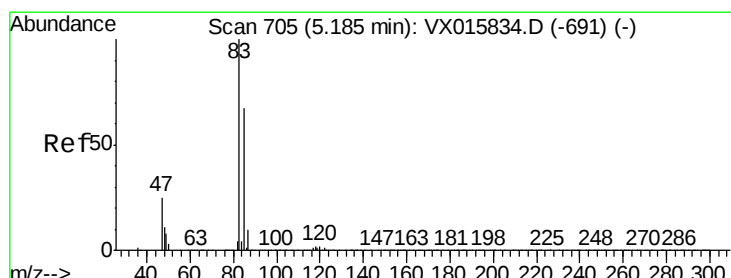
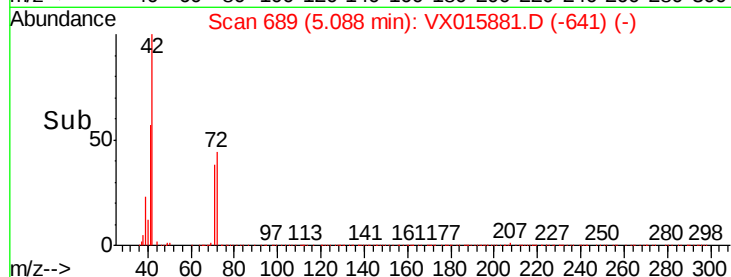
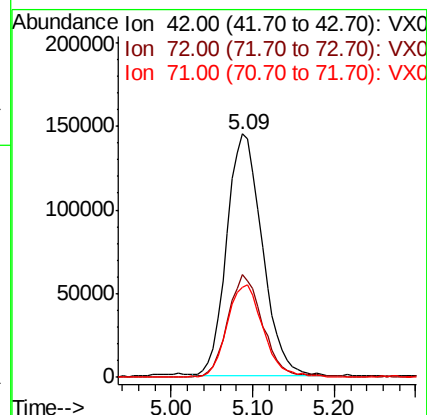
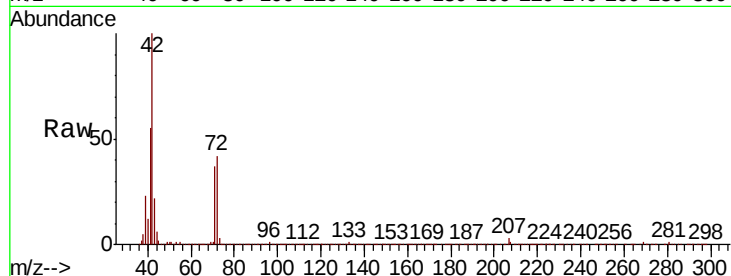
Tot Ion: 42 Resp: 437435

Ion Ratio Lower Upper

42 100

72 41.5 33.0 49.6

71 38.7 30.6 45.8



#30

Chloroform

Concen: 19.640 ug/l

RT: 5.18 min Scan# 704

Delta R.T. -0.01 min

Lab File: VX015881.D

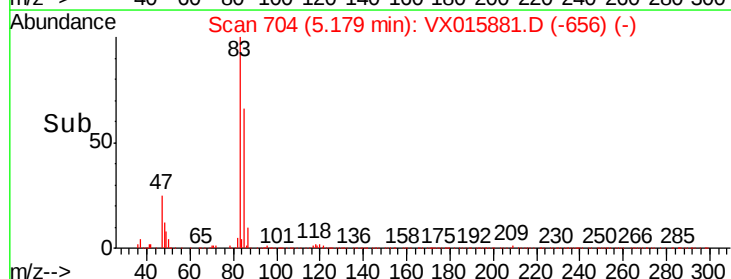
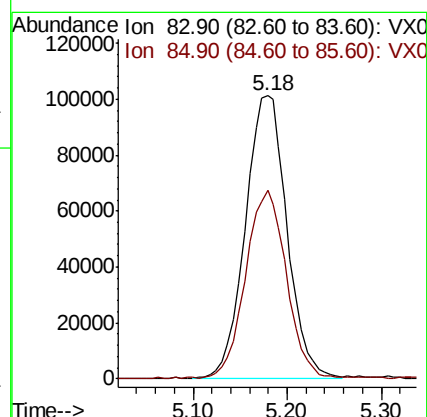
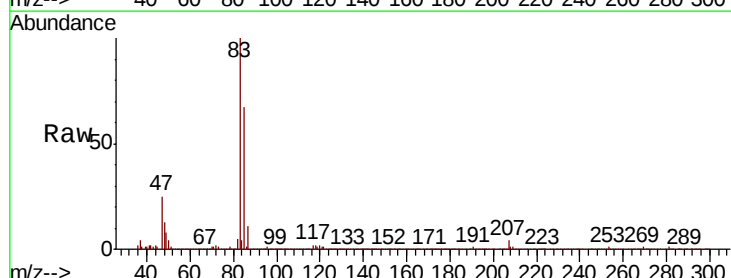
Acq: 23 Apr 2020 11:42

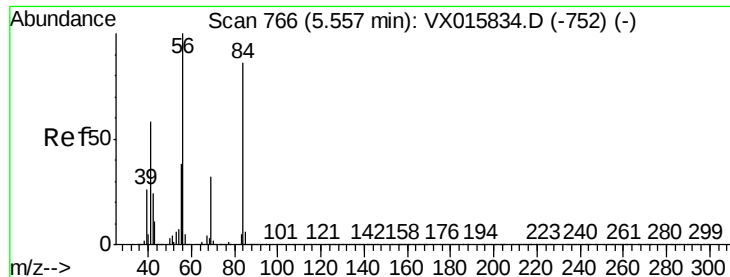
Tgt Ion: 83 Resp: 310923

Ion Ratio Lower Upper

83 100

85 66.5 53.4 80.0

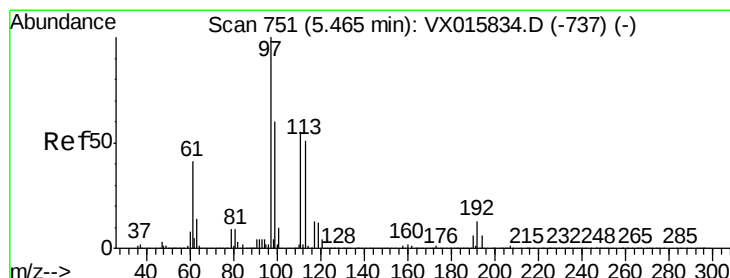
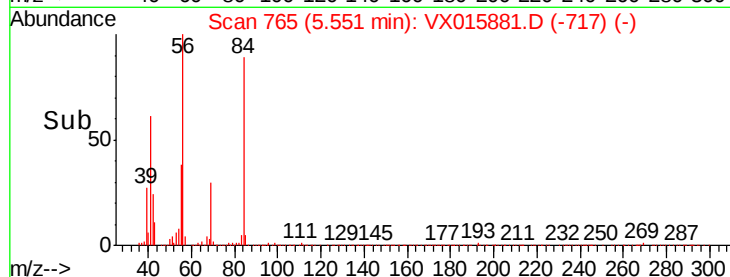
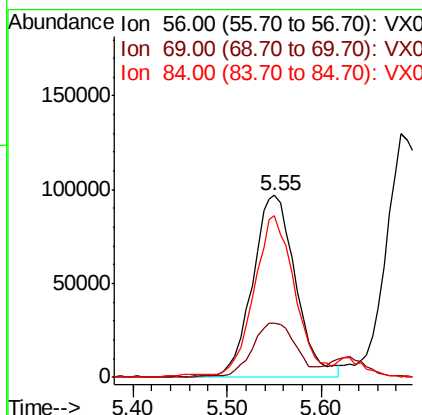
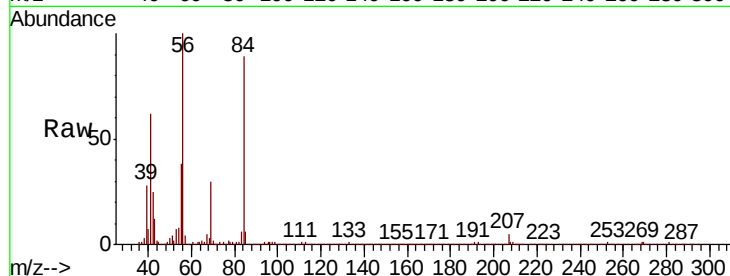




#31
Cyclohexane
Concen: 20.739 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

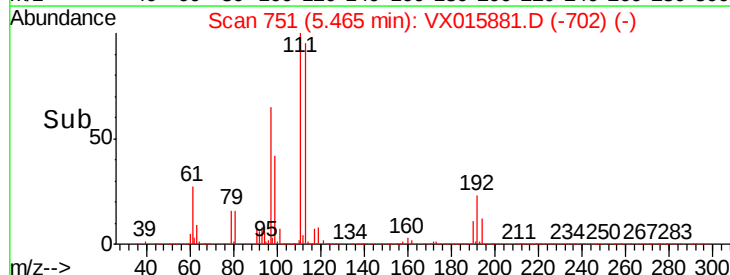
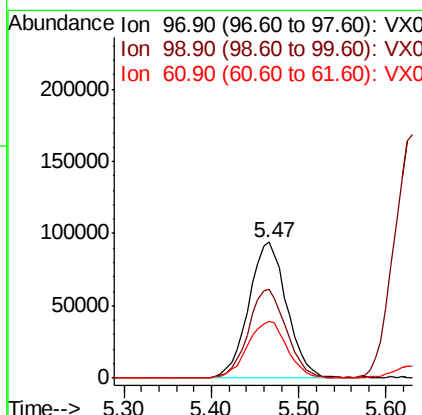
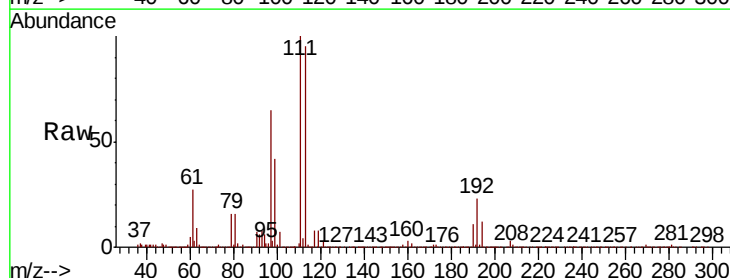
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

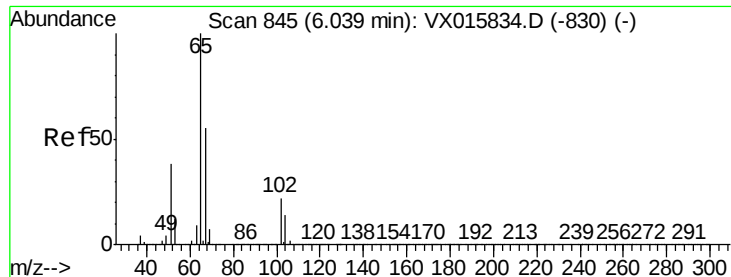
Tot Ion: 56 Resp: 310112
Ion Ratio Lower Upper
56 100
69 29.6 25.3 37.9
84 87.3 69.1 103.7



#32
1,1,1-Trichloroethane
Concen: 20.258 ug/l
RT: 5.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Tgt Ion: 97 Resp: 285947
Ion Ratio Lower Upper
97 100
99 65.4 51.2 76.8
61 43.4 34.1 51.1

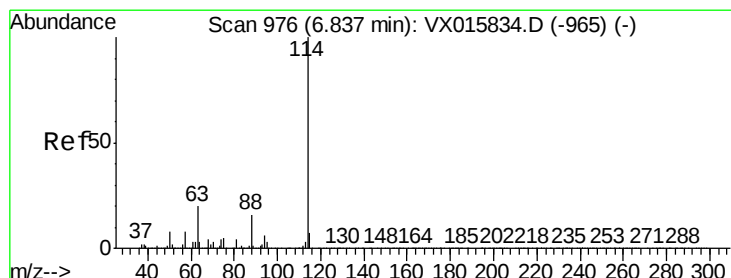
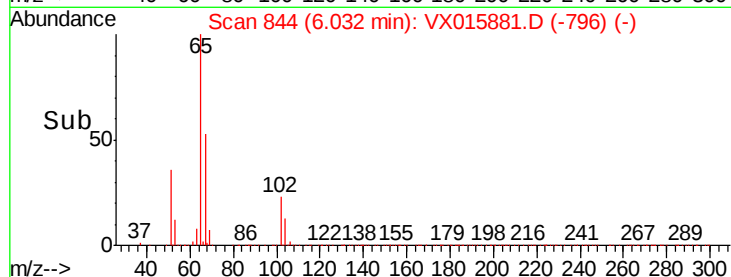
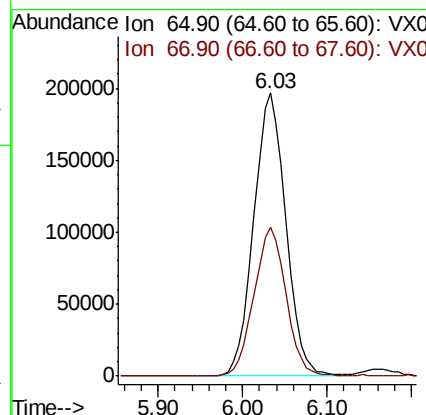
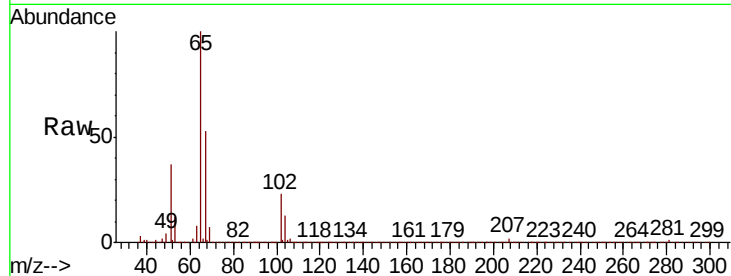




#33
 1,2-Dichloroethane-d4
 Concen: 49.730 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: VX015881.D
 Acq: 23 Apr 2020 11:42

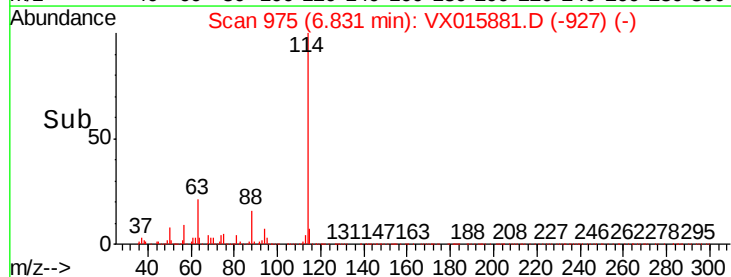
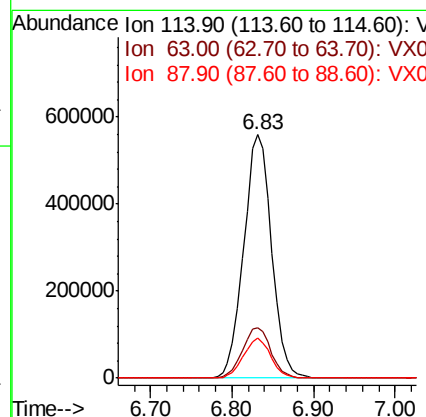
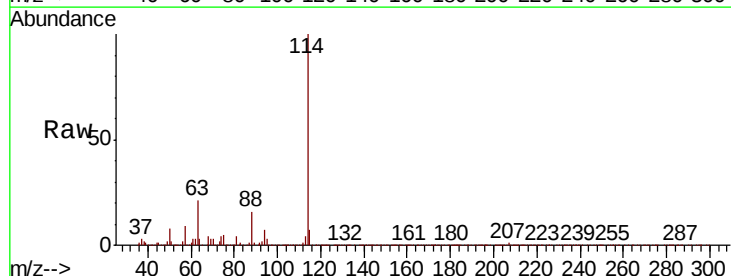
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS01

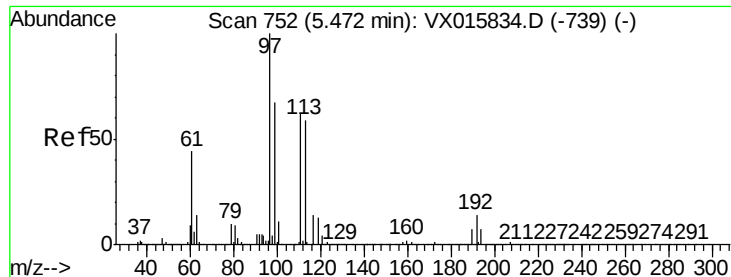
Tot Ion: 65 Resp: 508986
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015881.D
 Acq: 23 Apr 2020 11:42

Tgt Ion: 114 Resp: 1321434
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.6
 88 16.3 0.0 32.8

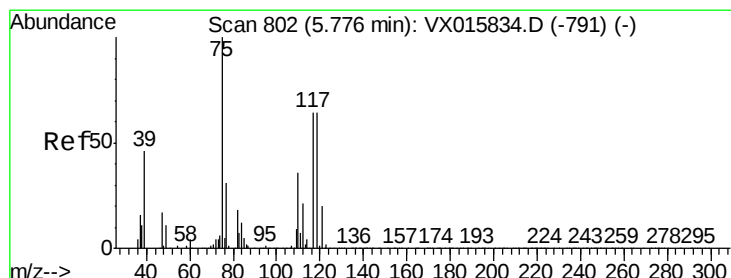
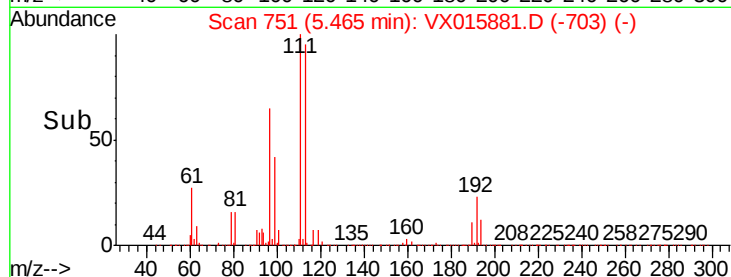
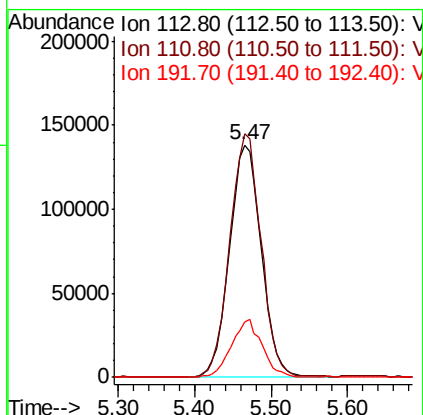
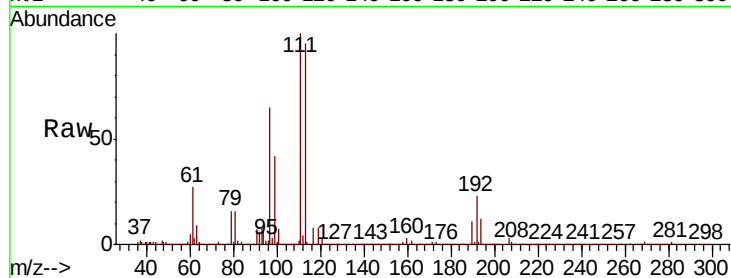




#35
 Dibromofluoromethane
 Concen: 52.258 ug/l
 RT: 5.47 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: VX015881.D
 Acq: 23 Apr 2020 11:42

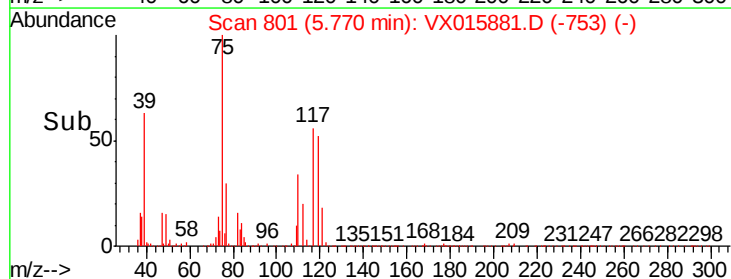
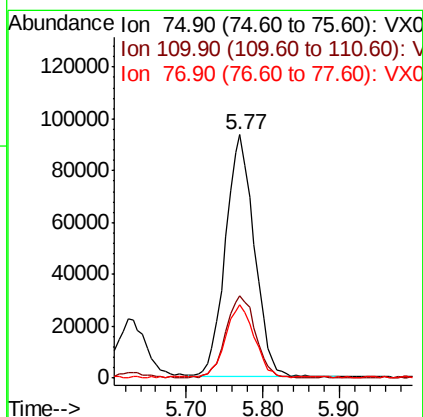
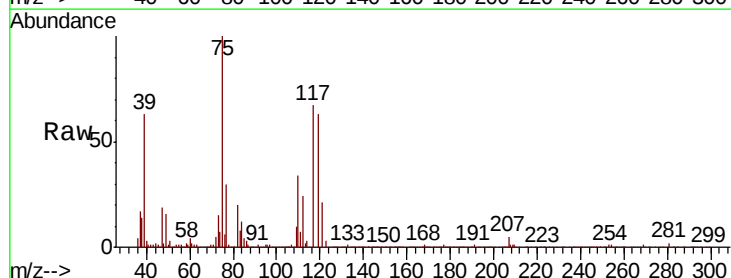
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS01

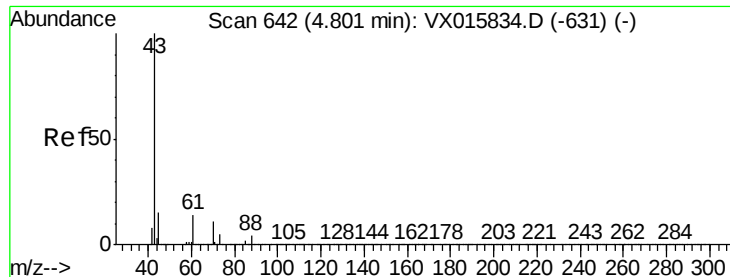
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.7	124.1
192	24.0	19.3	28.9



#36
 1,1-Dichloropropene
 Concen: 20.814 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: VX015881.D
 Acq: 23 Apr 2020 11:42

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.4	17.9	53.8
77	30.9	24.5	36.7

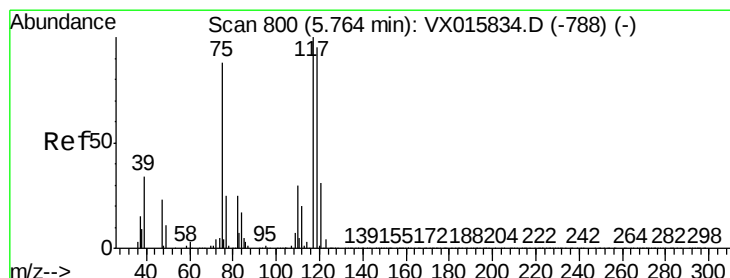
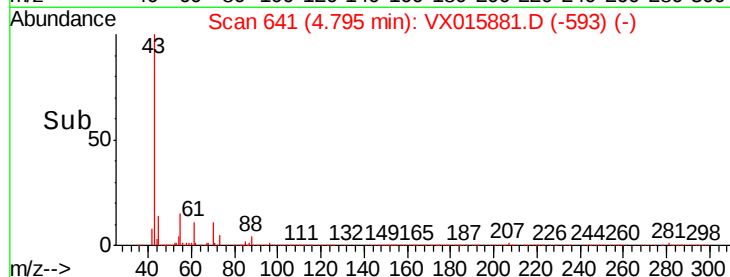
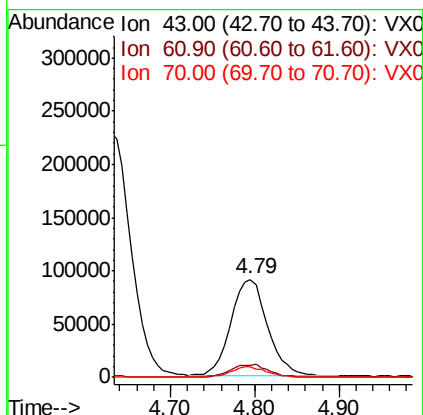
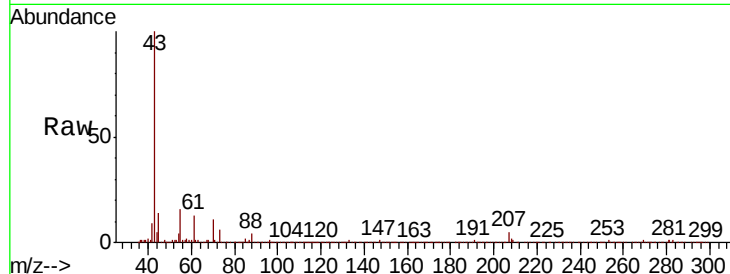




#37
Ethyl Acetate
Concen: 19.398 ug/l
RT: 4.79 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

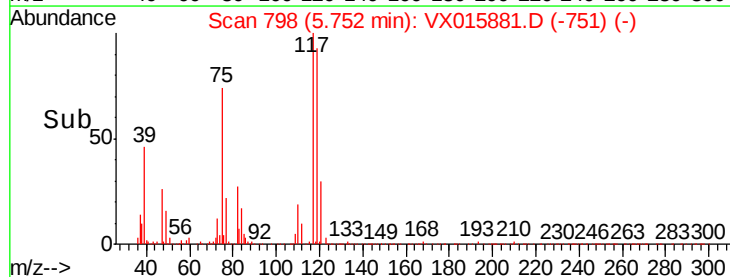
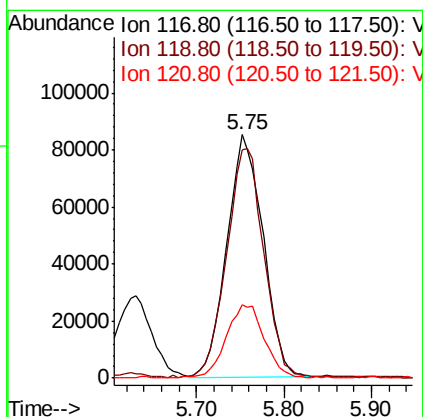
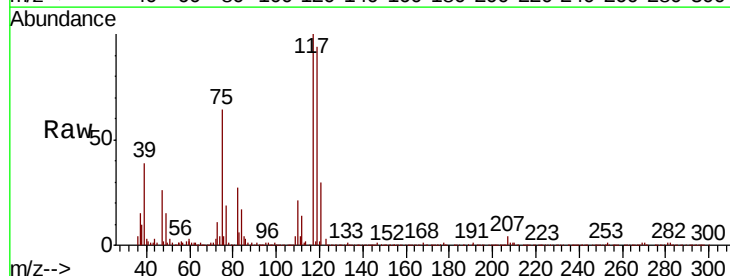
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

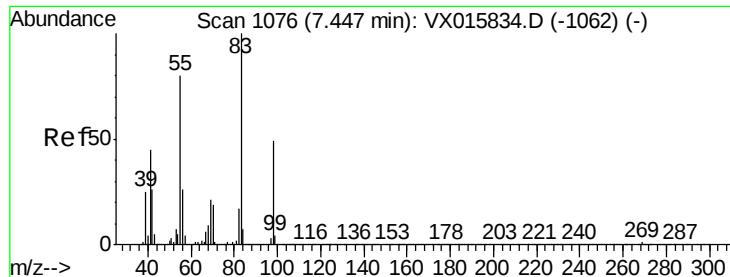
Tot Ion: 43 Resp: 270443
Ion Ratio Lower Upper
43 100
61 12.8 10.8 16.2
70 10.5 8.2 12.2



#38
Carbon Tetrachloride
Concen: 21.201 ug/l
RT: 5.75 min Scan# 798
Delta R.T. -0.01 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Tgt Ion: 117 Resp: 244646
Ion Ratio Lower Upper
117 100
119 93.8 75.7 113.5
121 30.1 25.0 37.6

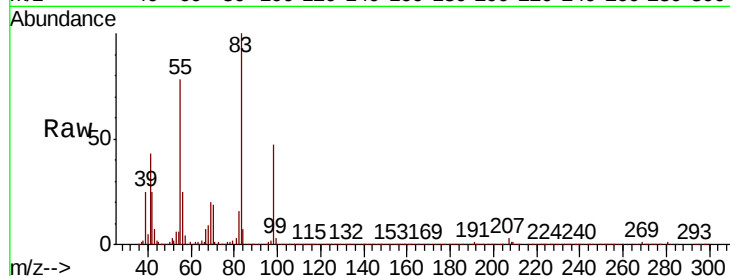




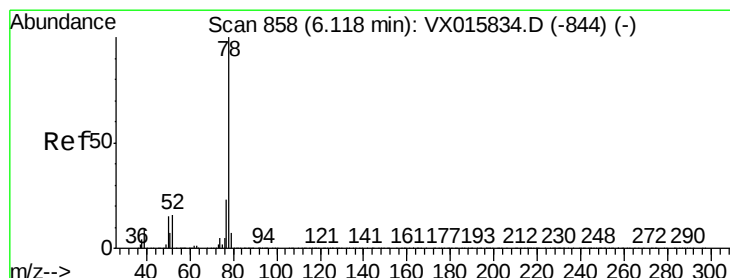
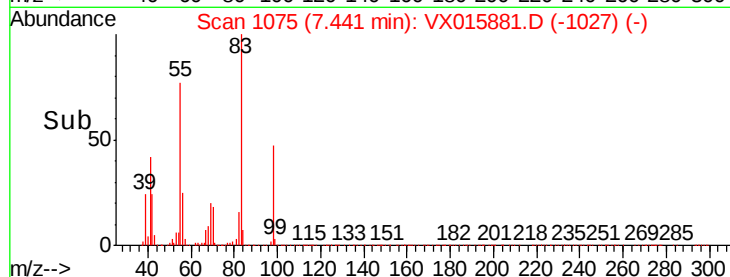
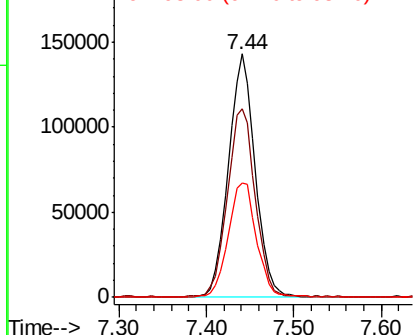
#39
Methvlcvclohexane
Concen: 20.413 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.2	64.2	96.4
98	47.1	39.3	58.9

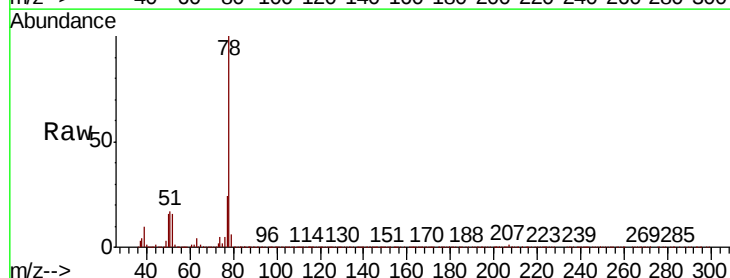


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

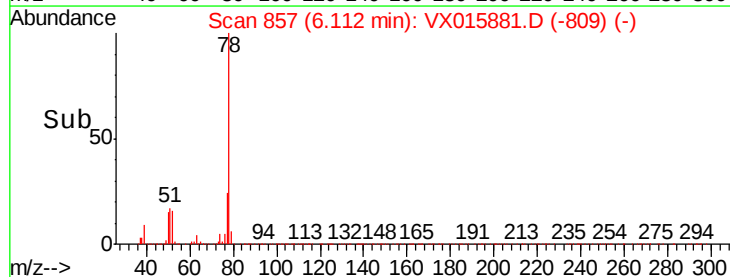
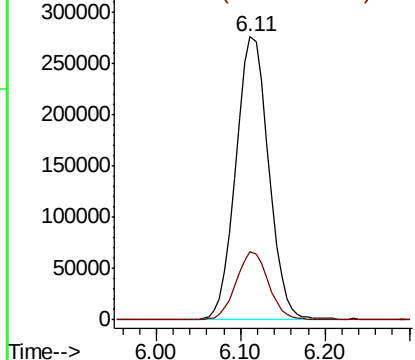


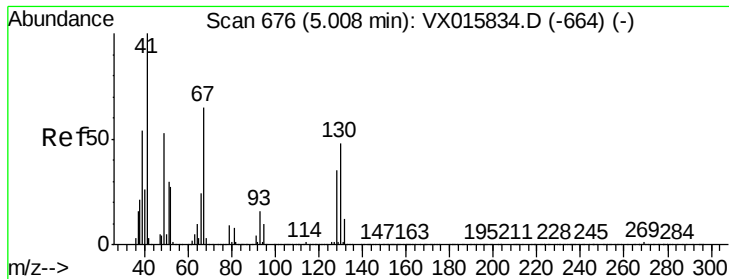
#40
Benzene
Concen: 20.509 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.6	27.8



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

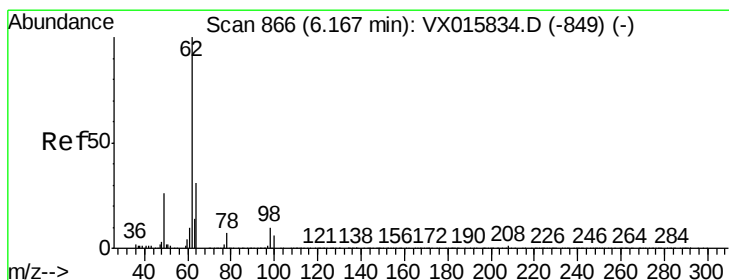
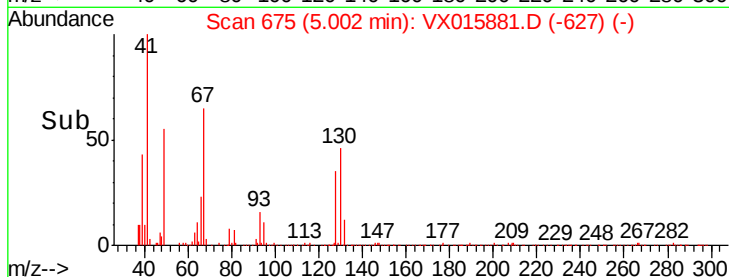
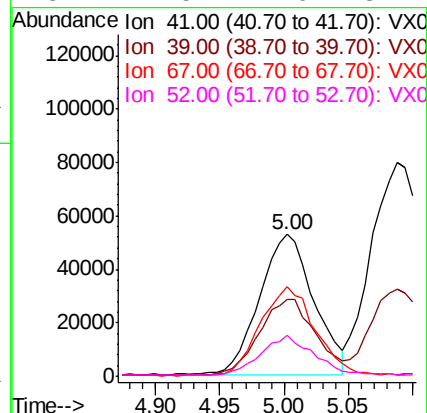
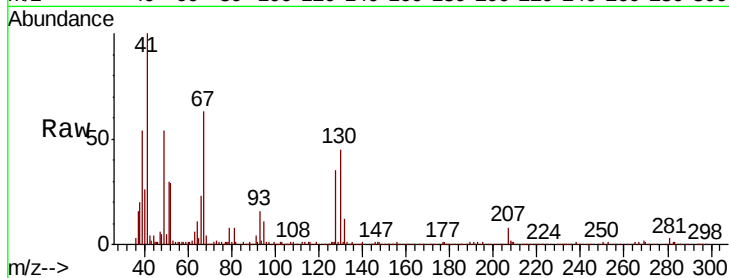




#41
Methacrylonitrile
Concen: 19.810 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

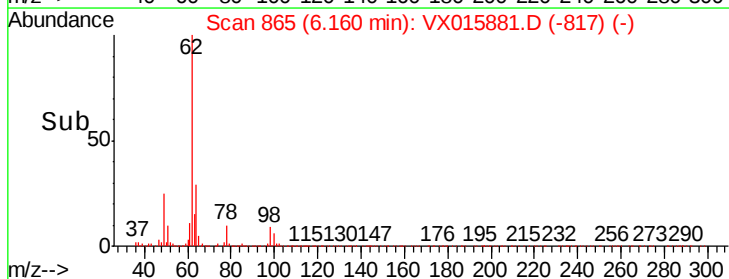
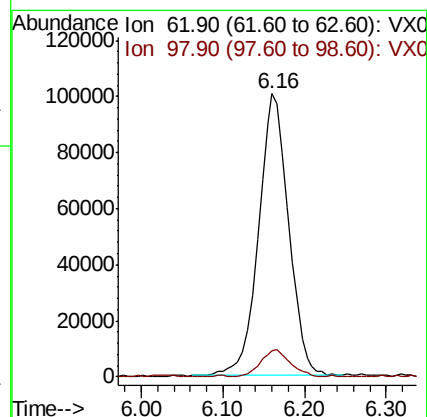
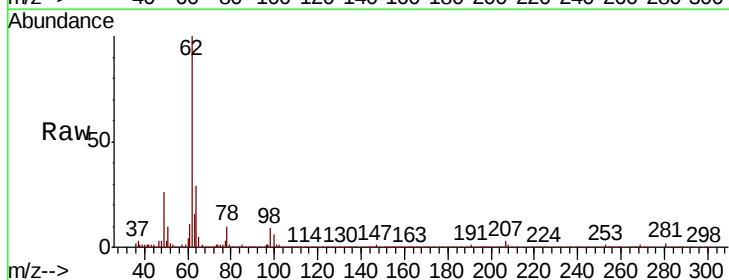
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

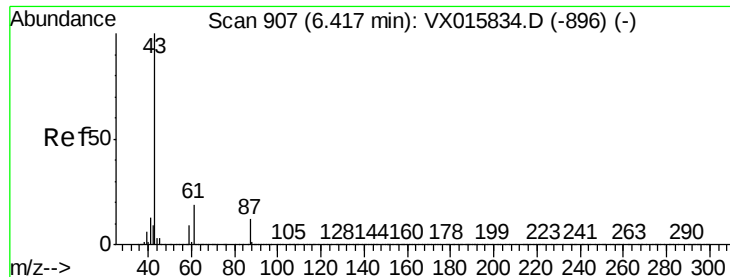
Tot Ion:	41	Resp:	153471
Ion	Ratio	Lower	Upper
41	100		
39	55.6	42.4	63.6
67	66.4	51.9	77.9
52	27.5	21.0	31.4



#42
1,2-Dichloroethane
Concen: 20.358 ug/l
RT: 6.16 min Scan# 865
Delta R.T. -0.01 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Tgt Ion:	62	Resp:	258654
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	20.0



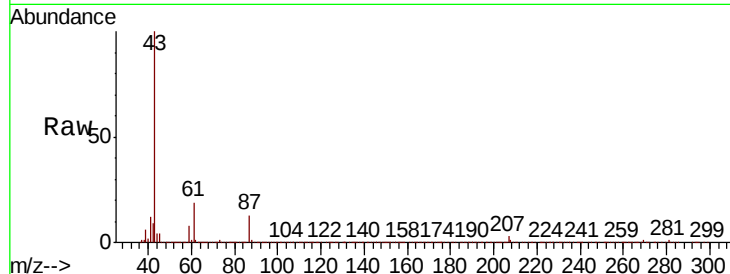


#43

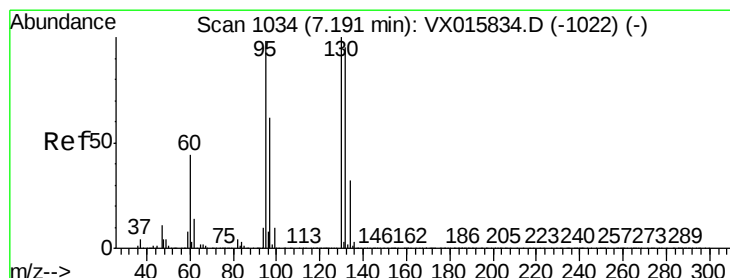
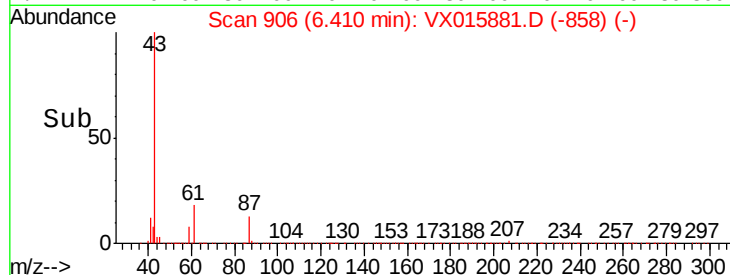
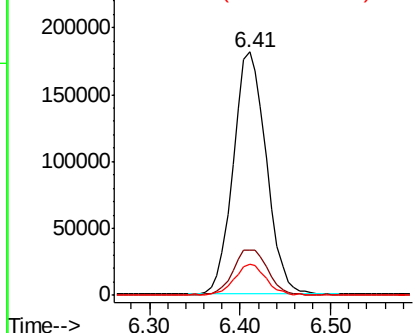
Isopropyl Acetate
 Concen: 19.521 ug/l
 RT: 6.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: VX015881.D
 Acq: 23 Apr 2020 11:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.4	23.2
87	12.0	9.8	14.6



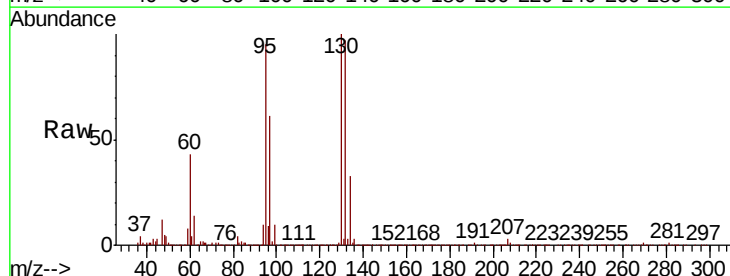
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



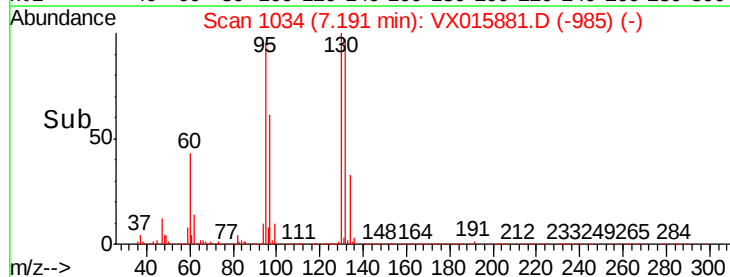
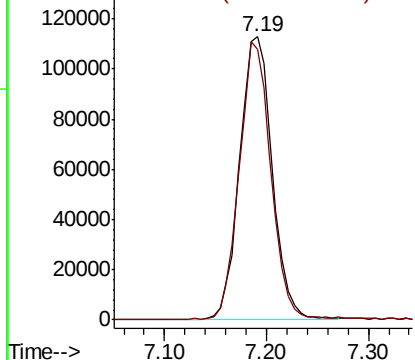
#44

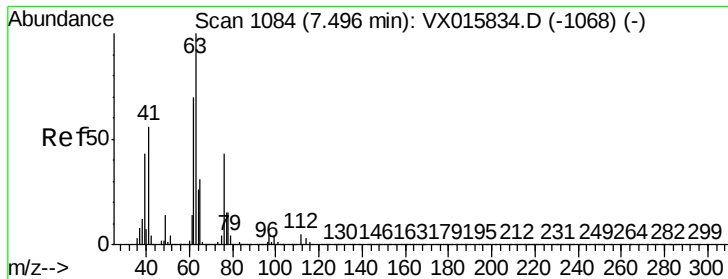
Trichloroethene
 Concen: 20.277 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VX015881.D
 Acq: 23 Apr 2020 11:42

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.3	0.0	195.8



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

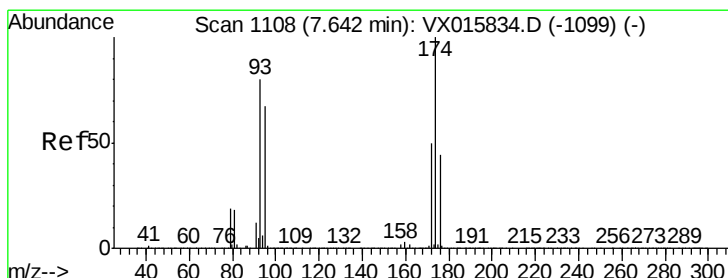
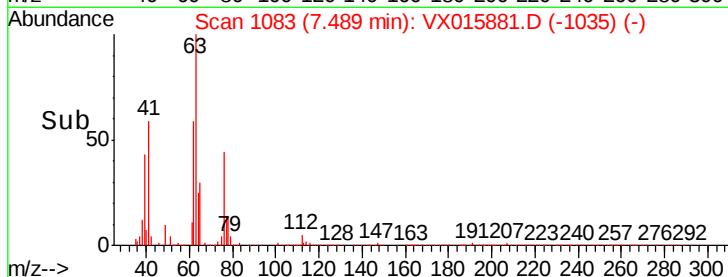
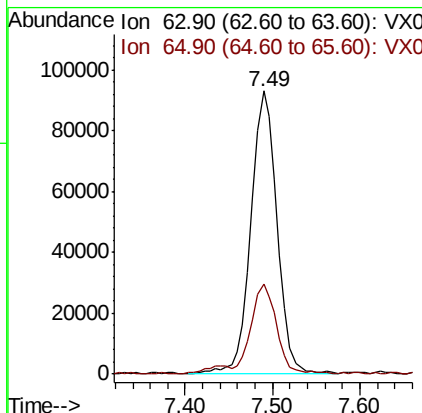
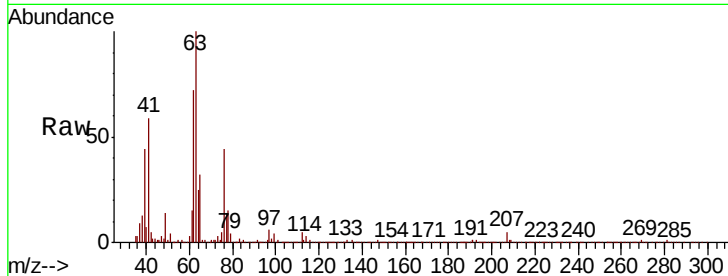




#45
 1,2-Dichloropropane
 Concen: 20.580 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015881.D
 Acq: 23 Apr 2020 11:42

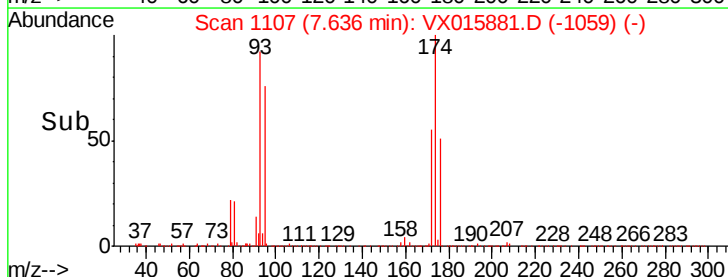
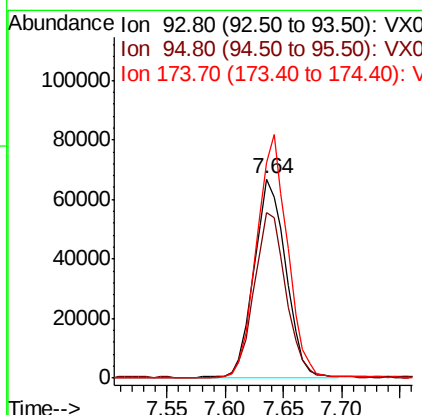
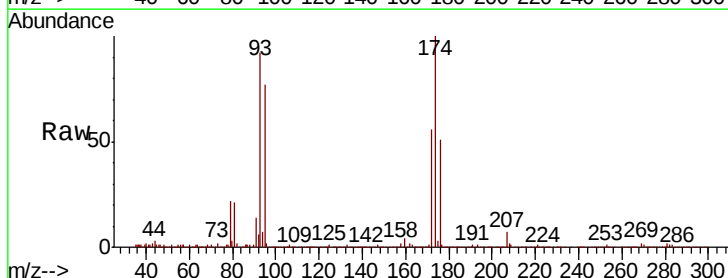
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS01

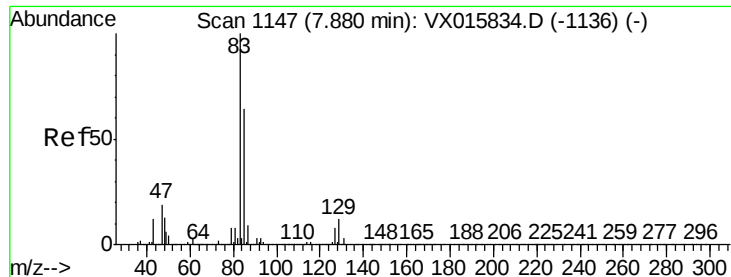
Tot Ion: 63 Resp: 190295
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.5 36.7



#46
 Dibromomethane
 Concen: 18.787 ug/l
 RT: 7.64 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: VX015881.D
 Acq: 23 Apr 2020 11:42

Tgt Ion: 93 Resp: 126809
 Ion Ratio Lower Upper
 93 100
 95 84.4 65.8 98.8
 174 118.9 95.6 143.4





#47

Bromodichloromethane

Concen: 20.521 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS01

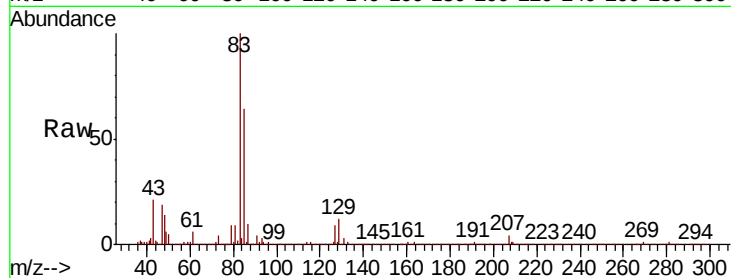
Tot Ion: 83 Resp: 246418

Ion Ratio Lower Upper

83 100

85 63.8 50.8 76.2

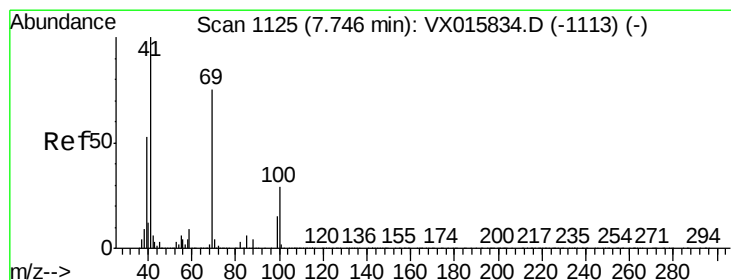
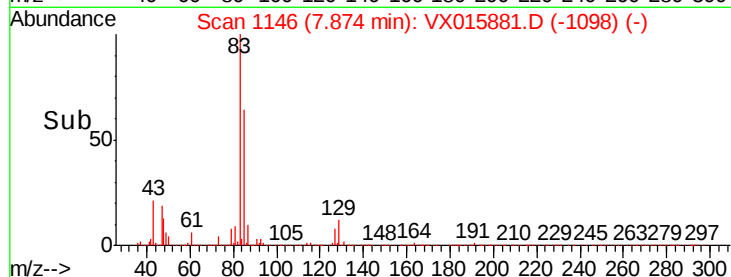
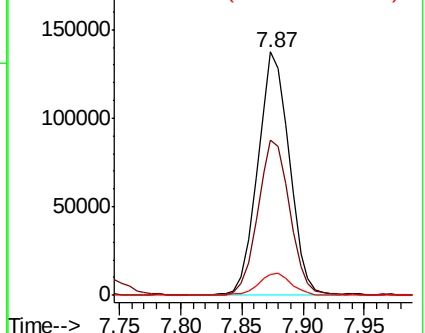
127 8.4 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.603 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. 0.00 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

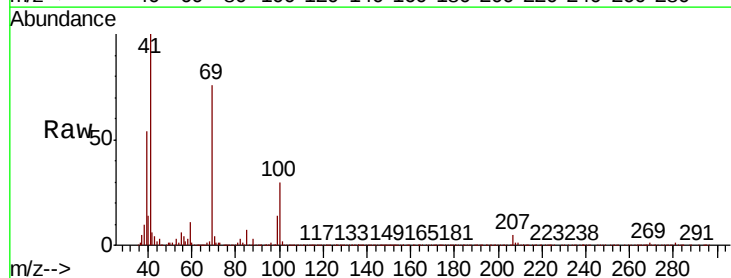
Tgt Ion: 41 Resp: 226772

Ion Ratio Lower Upper

41 100

69 76.1 60.5 90.7

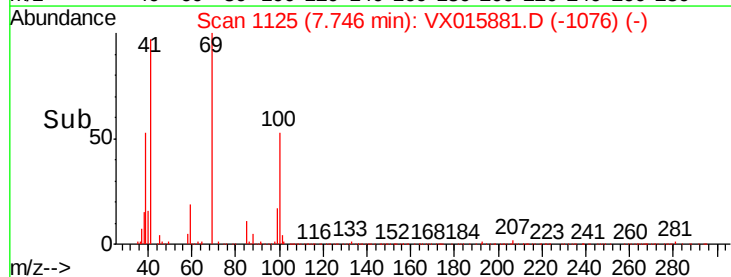
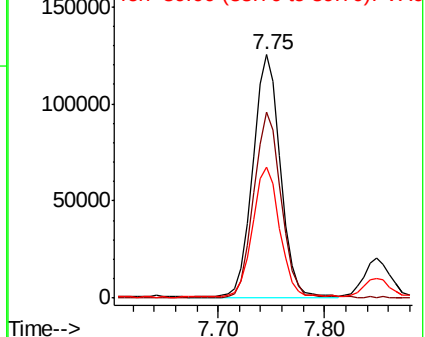
39 52.8 42.1 63.1

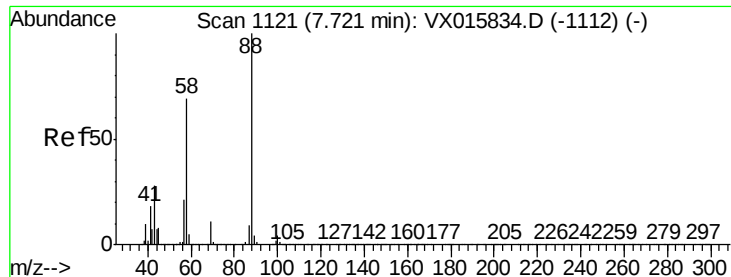


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 352.759 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. -0.01 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS01

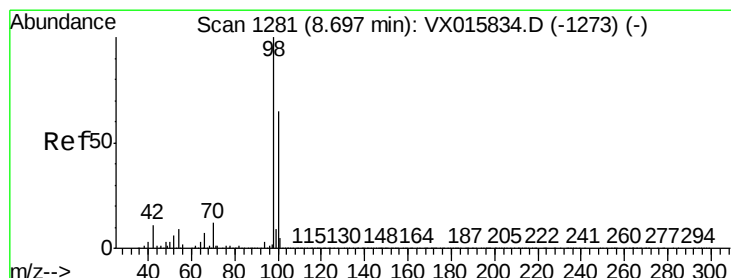
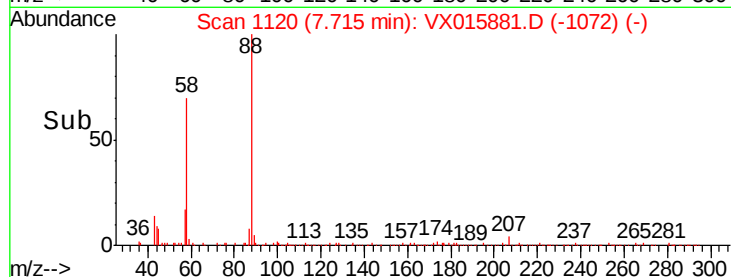
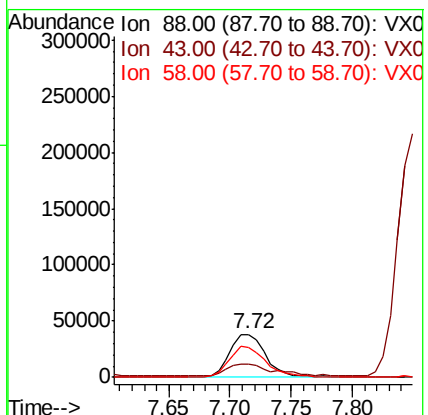
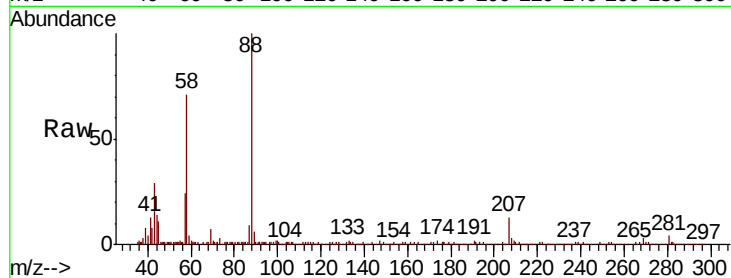
Tot Ion: 88 Resp: 77124

Ion Ratio Lower Upper

88 100

43 37.0 28.2 42.4

58 72.6 58.9 88.3



#50

Toluene-d8

Concen: 51.680 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015881.D

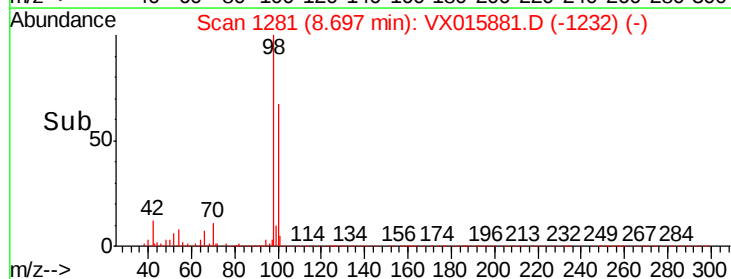
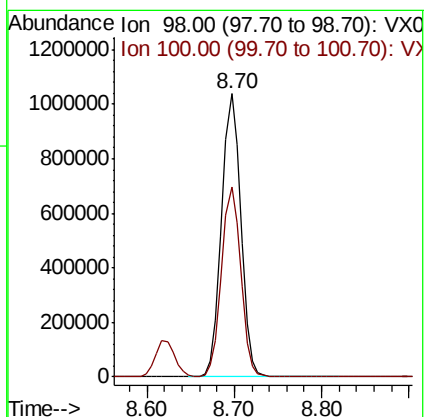
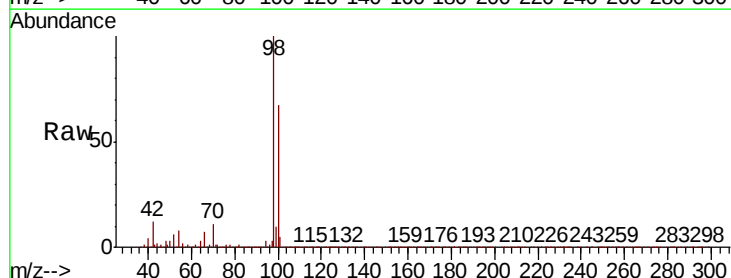
Acq: 23 Apr 2020 11:42

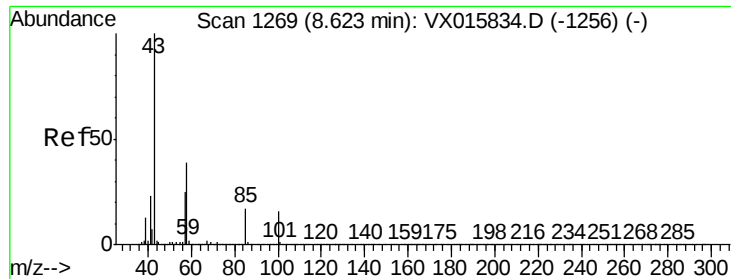
Tgt Ion: 98 Resp: 1586885

Ion Ratio Lower Upper

98 100

100 66.7 53.8 80.6

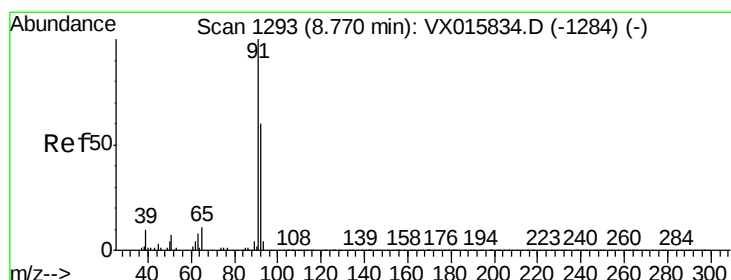
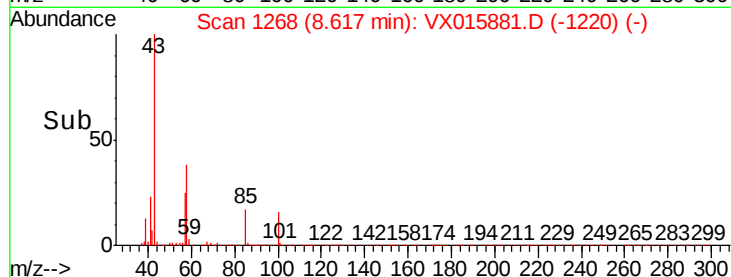
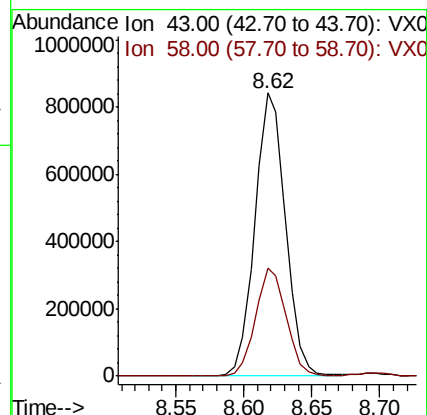
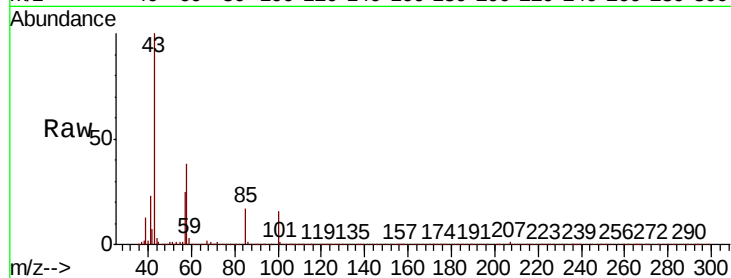




#51
4-Methyl-2-Pentanone
Concen: 97.638 ug/l
RT: 8.62 min Scan# 1268
Delta R.T. -0.01 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

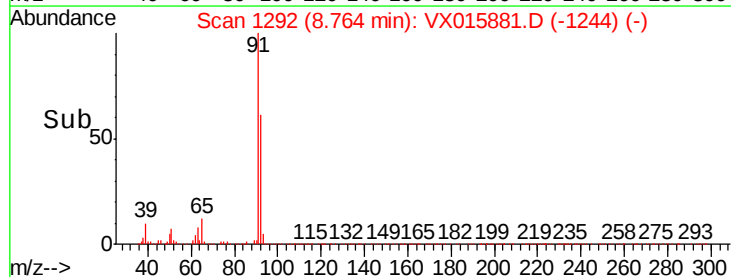
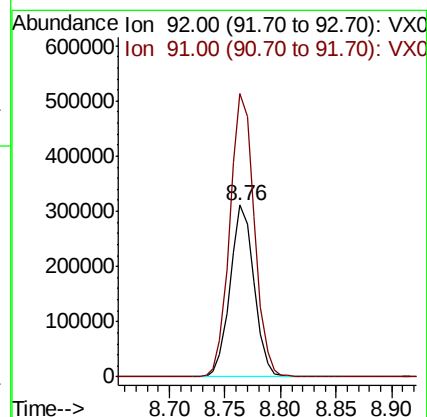
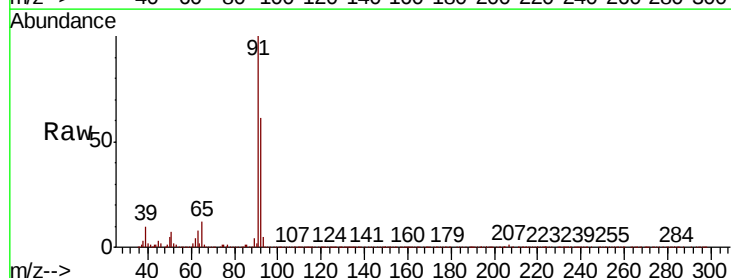
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

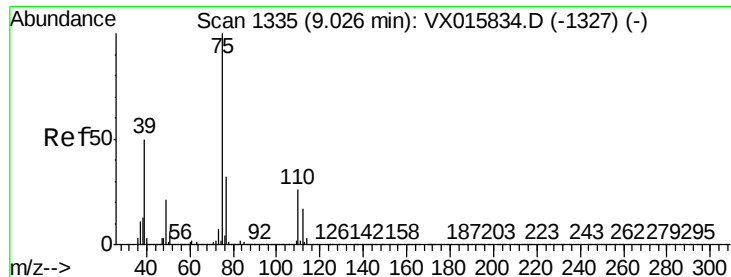
Tot Ion: 43 Resp: 1325414
Ion Ratio Lower Upper
43 100
58 38.4 30.6 45.8



#52
Toluene
Concen: 20.502 ug/l
RT: 8.76 min Scan# 1292
Delta R.T. -0.01 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Tgt Ion: 92 Resp: 463666
Ion Ratio Lower Upper
92 100
91 168.4 133.4 200.0





#53

t-1,3-Dichloropropene

Concen: 20.490 ug/l

RT: 9.02 min Scan# 1334

Delta R.T. -0.01 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

Instrument :

MSVOA_X

ClientSampleId :

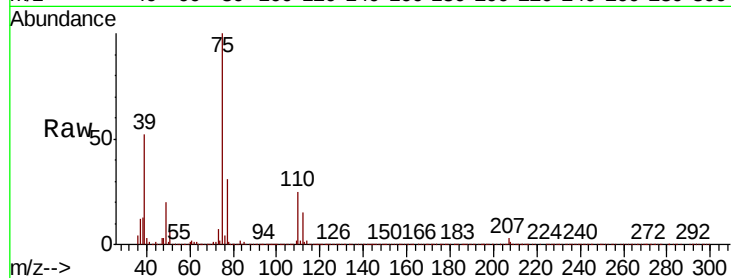
VX0423WBS01

Tot Ion: 75 Resp: 305281

Ion Ratio Lower Upper

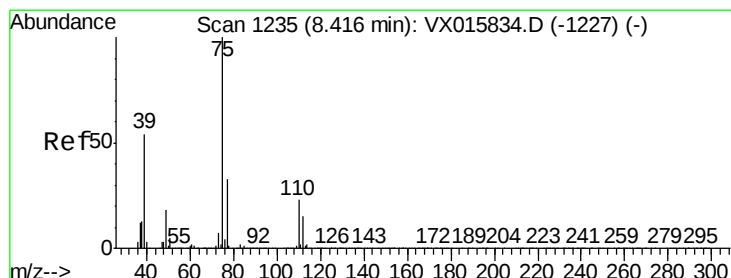
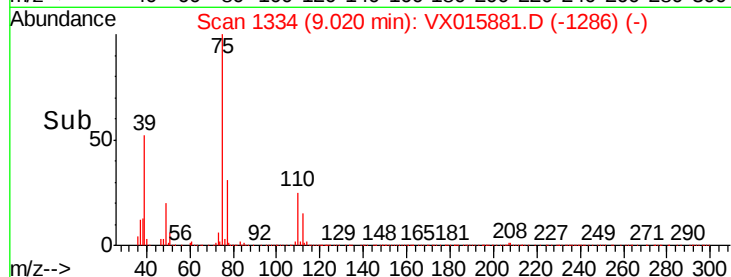
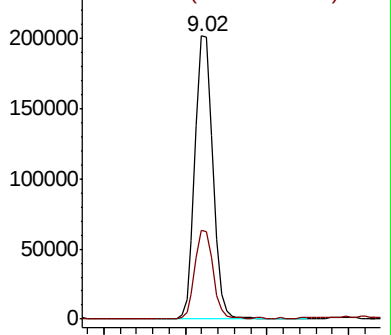
75 100

77 31.3 25.9 38.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 20.203 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

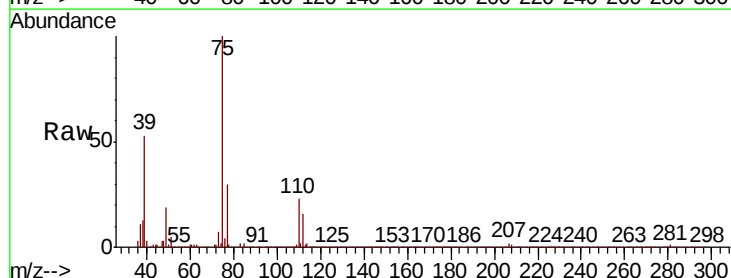
Tgt Ion: 75 Resp: 318130

Ion Ratio Lower Upper

75 100

77 29.8 26.0 39.0

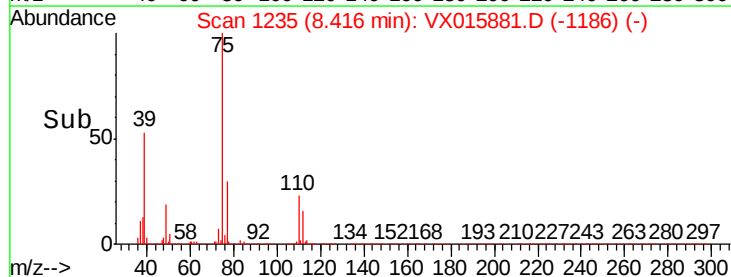
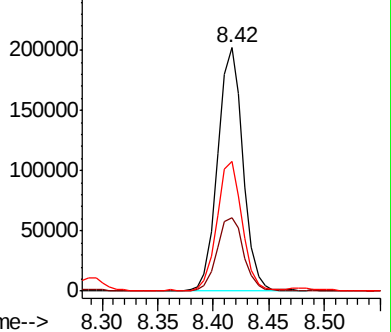
39 53.2 42.8 64.2

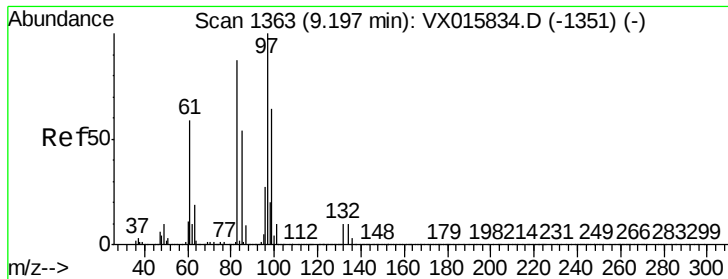


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

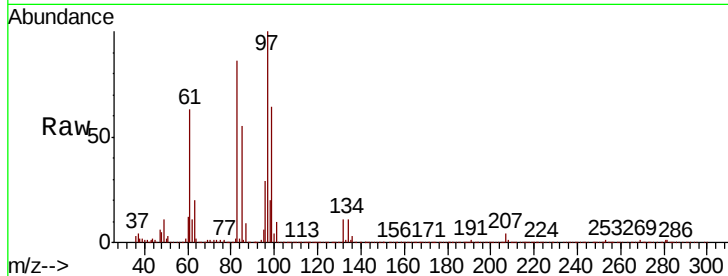




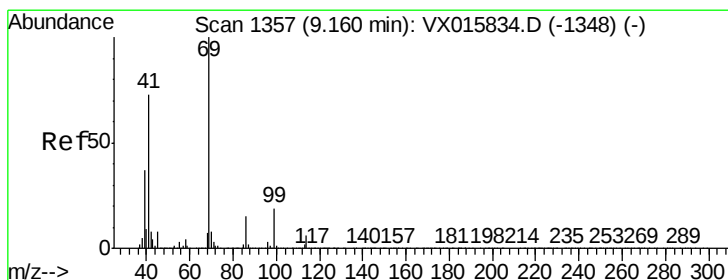
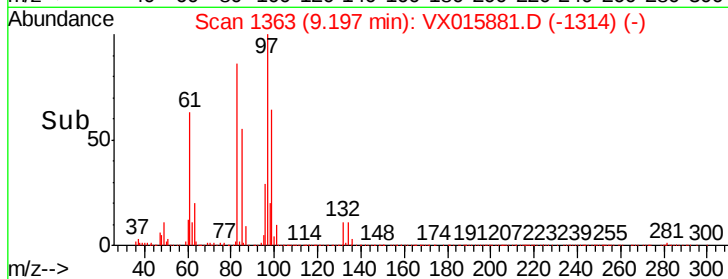
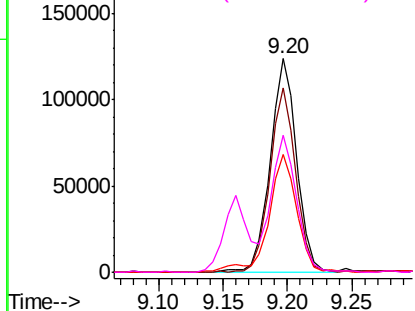
#55
 1,1,2-Trichloroethane
 Concen: 20.177 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VX015881.D
 Acq: 23 Apr 2020 11:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS01

Tot Ion:	97	Resp:	178185
Ion	Ratio	Lower	Upper
97	100		
83	85.8	69.8	104.8
85	55.0	43.4	65.2
99	63.6	51.2	76.8

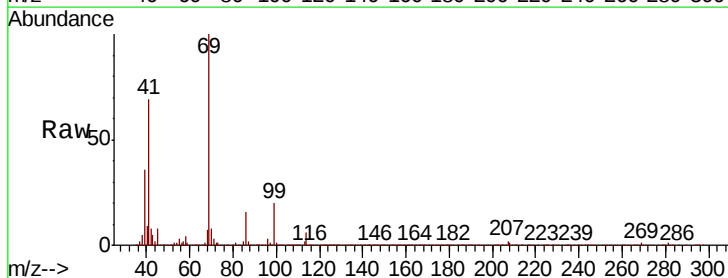


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

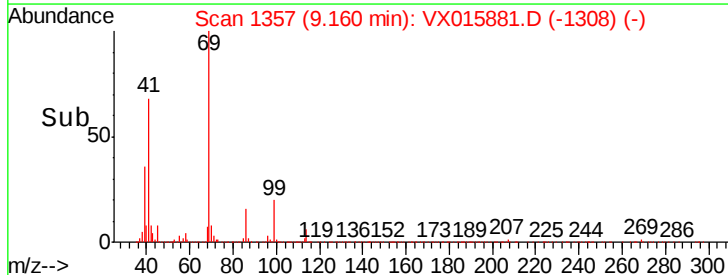
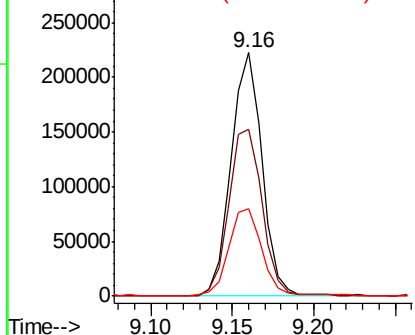


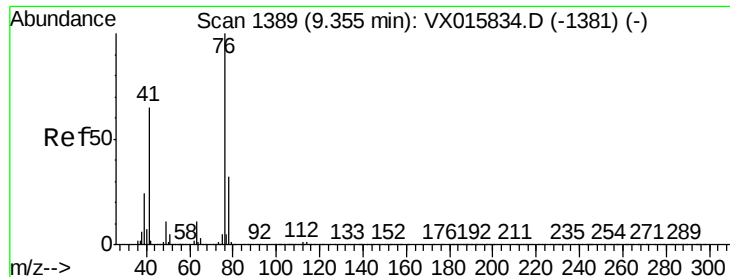
#56
 Ethyl methacrylate
 Concen: 19.559 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: VX015881.D
 Acq: 23 Apr 2020 11:42

Tgt Ion:	69	Resp:	292573
Ion	Ratio	Lower	Upper
69	100		
41	73.5	57.4	86.2
39	38.1	29.7	44.5



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





#57

1,3-Dichloropropane

Concen: 20.353 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

Instrument :

MSVOA_X

ClientSampleId :

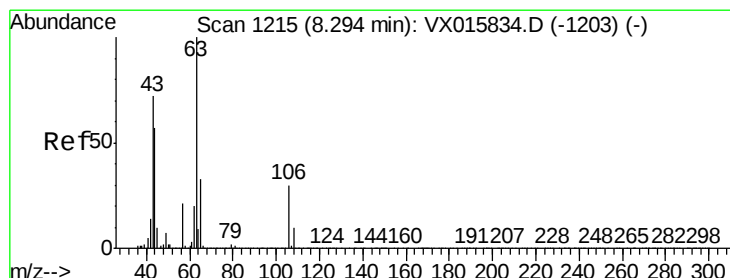
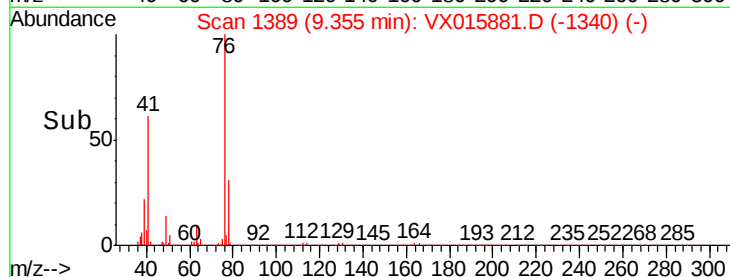
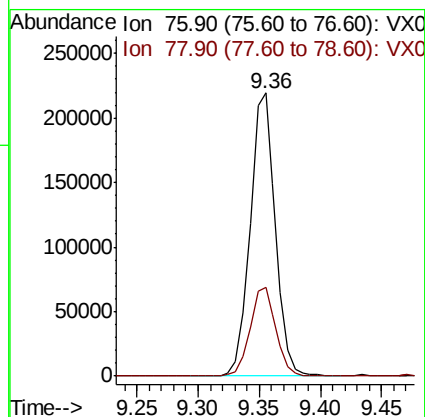
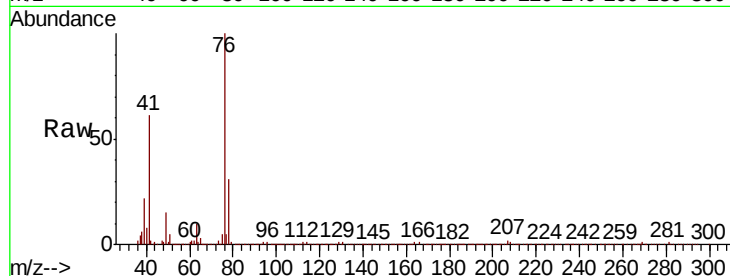
VX0423WBS01

Tot Ion: 76 Resp: 312341

Ion Ratio Lower Upper

76 100

78 31.9 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 96.253 ug/l

RT: 8.29 min Scan# 1214

Delta R.T. -0.01 min

Lab File: VX015881.D

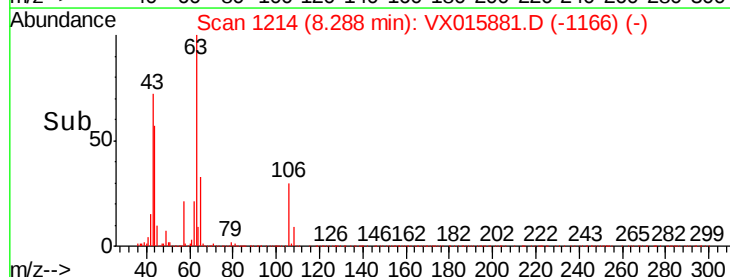
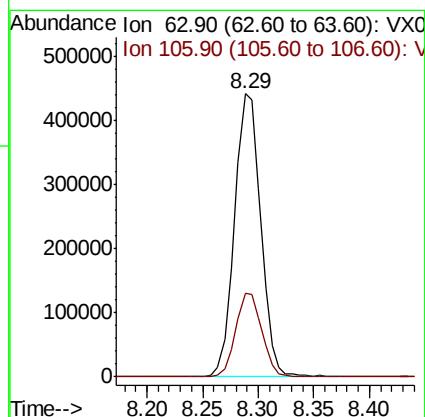
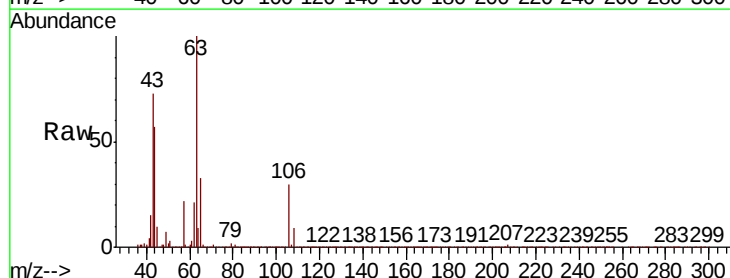
Acq: 23 Apr 2020 11:42

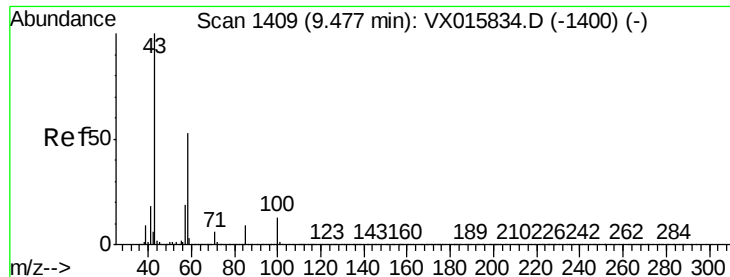
Tgt Ion: 63 Resp: 719254

Ion Ratio Lower Upper

63 100

106 29.4 23.8 35.8

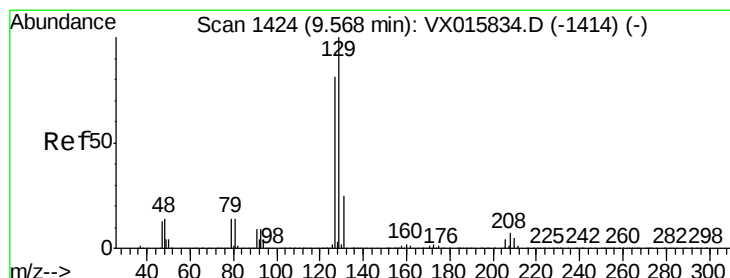
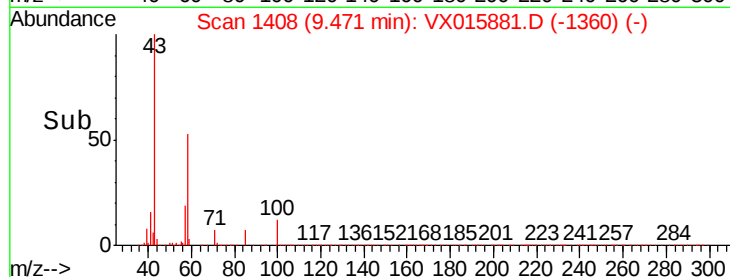
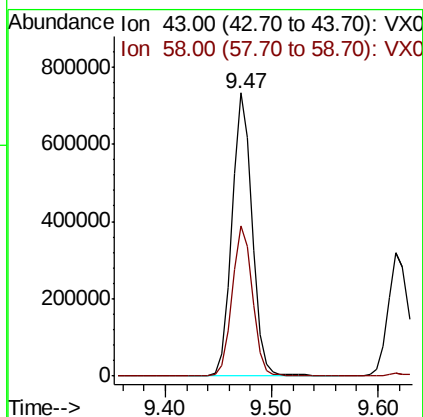
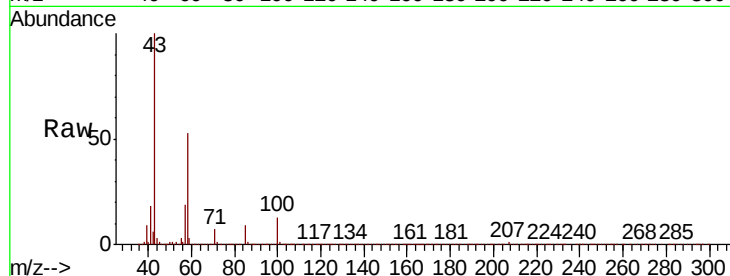




#59
2-Hexanone
Concen: 93.996 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

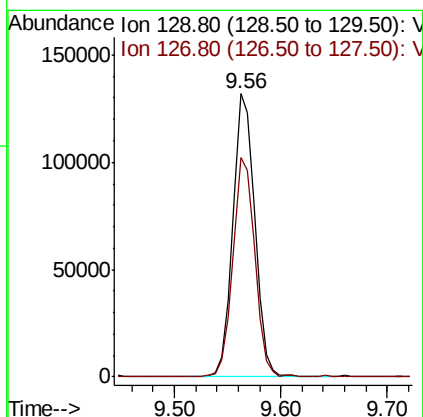
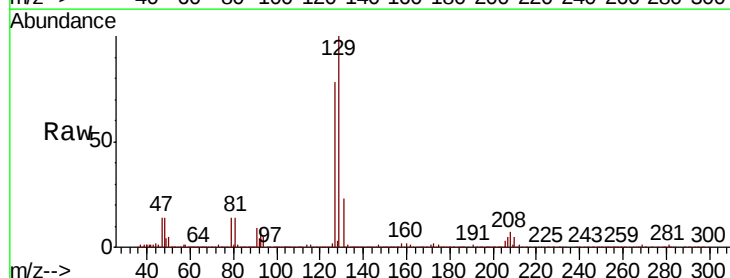
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

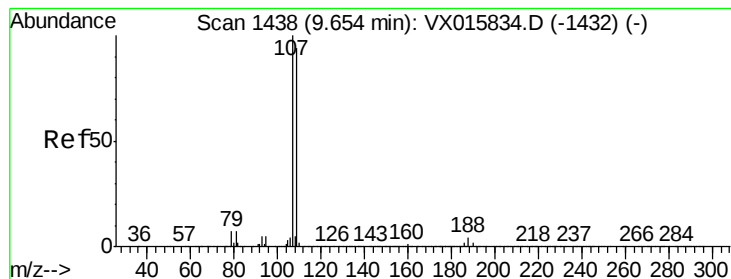
Tot Ion: 43 Resp: 972049
Ion Ratio Lower Upper
43 100
58 53.6 26.5 79.4



#60
Dibromochloromethane
Concen: 20.993 ug/l
RT: 9.56 min Scan# 1423
Delta R.T. -0.01 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Tgt Ion: 129 Resp: 191452
Ion Ratio Lower Upper
129 100
127 77.0 40.0 120.0





#61

1,2-Dibromoethane

Concen: 19.490 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

Instrument :

MSVOA_X

ClientSampleId :

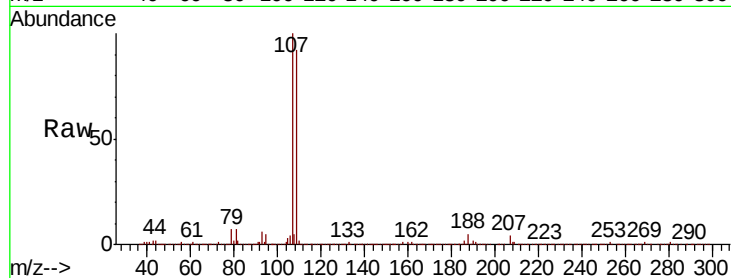
VX0423WBS01

Tot Ion: 107 Resp: 190227

Ion Ratio Lower Upper

107 100

109 93.2 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

150000

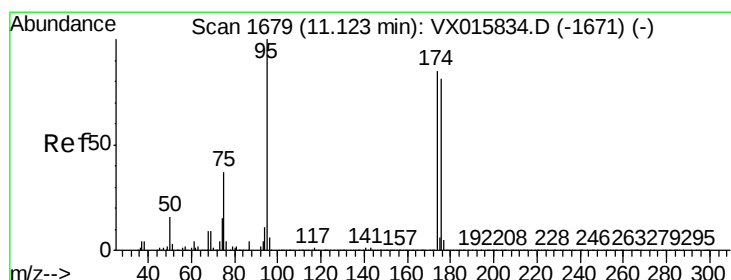
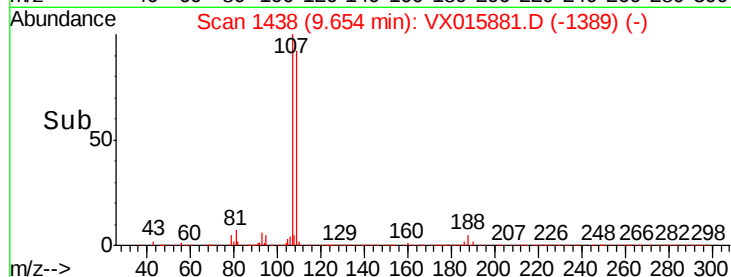
100000

50000

0

Time-->

9.60 9.65 9.70



#62

4-Bromofluorobenzene

Concen: 49.575 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

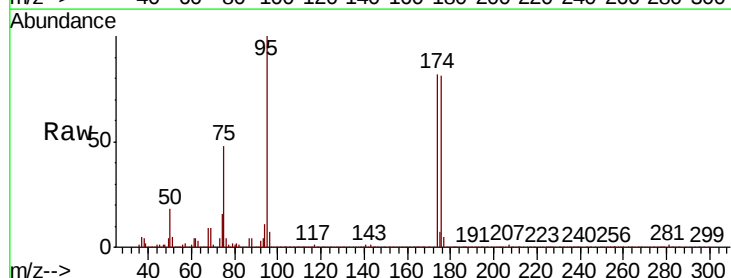
Tgt Ion: 95 Resp: 624469

Ion Ratio Lower Upper

95 100

174 85.2 0.0 172.4

176 83.9 0.0 167.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

600000

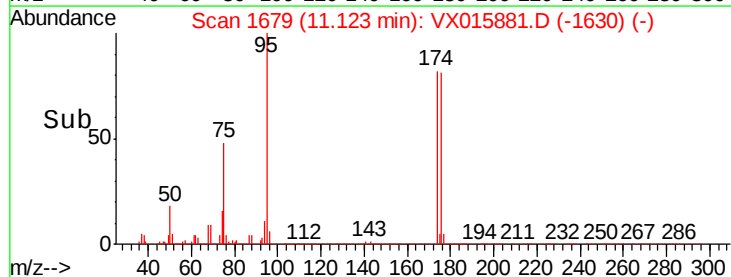
400000

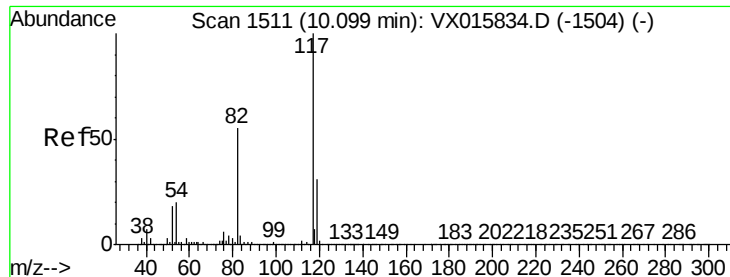
200000

0

Time-->

11.00 11.10 11.20

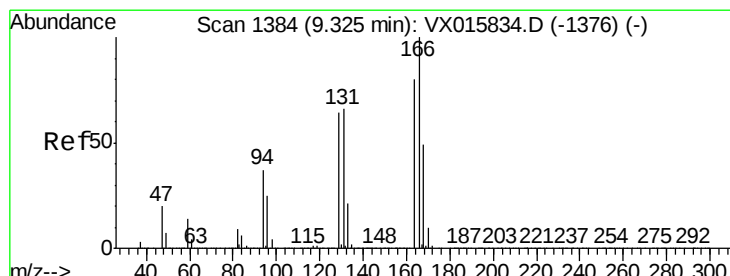
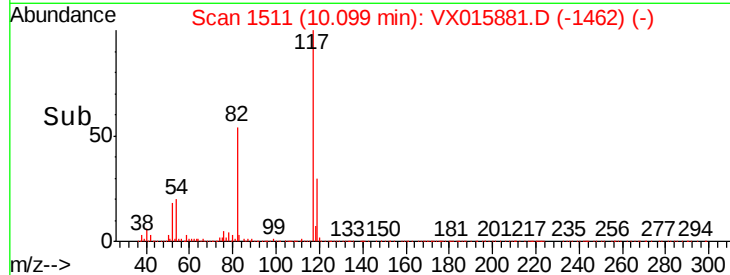
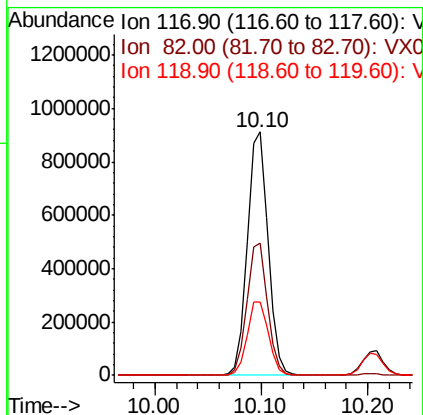
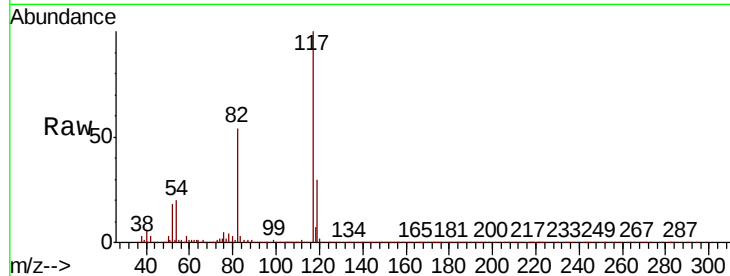




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

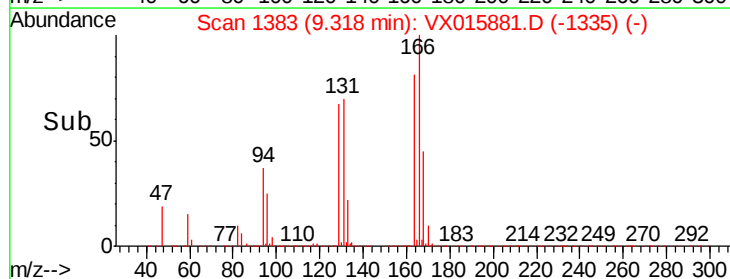
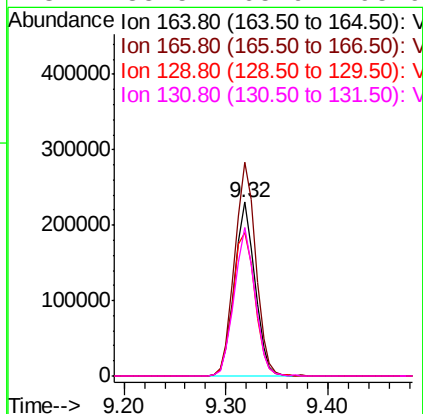
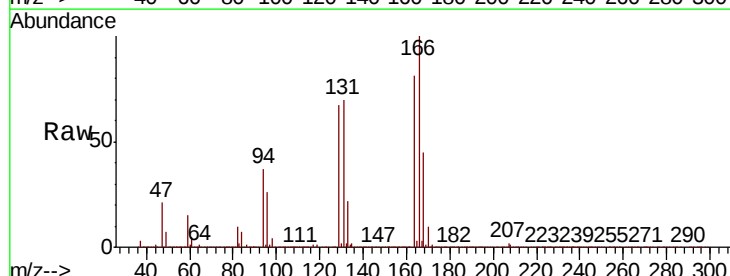
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

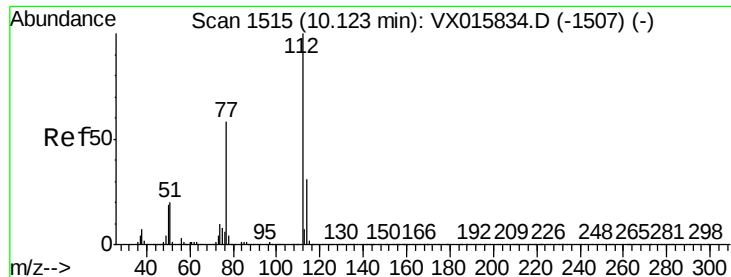
Tot Ion:117 Resp: 1247608
Ion Ratio Lower Upper
117 100
82 54.1 43.9 65.9
119 30.4 25.1 37.7



#64
Tetrachloroethene
Concen: 19.031 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.01 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Tgt Ion:164 Resp: 320031
Ion Ratio Lower Upper
164 100
166 123.0 100.2 150.2
129 82.5 64.5 96.7
131 85.5 65.9 98.9





#65

Chlorobenzene

Concen: 20.110 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

Instrument :

MSVOA_X

ClientSampleId :

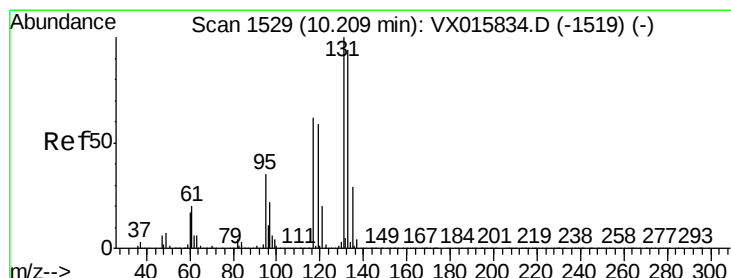
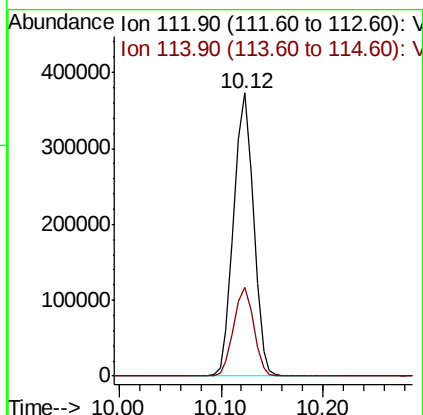
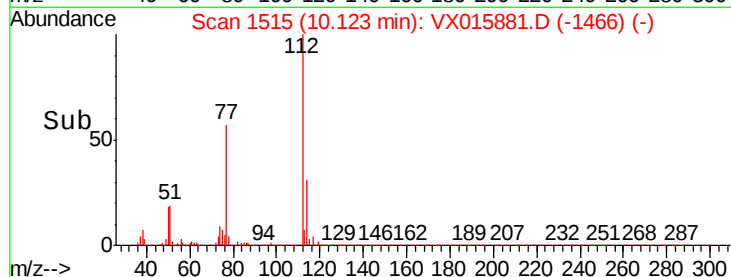
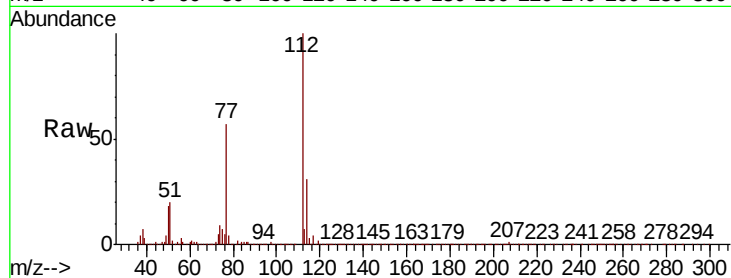
VX0423WBS01

Tot Ion:112 Resp: 501708

Ion Ratio Lower Upper

112 100

114 31.3 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 20.305 ug/l

RT: 10.20 min Scan# 1528

Delta R.T. -0.01 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

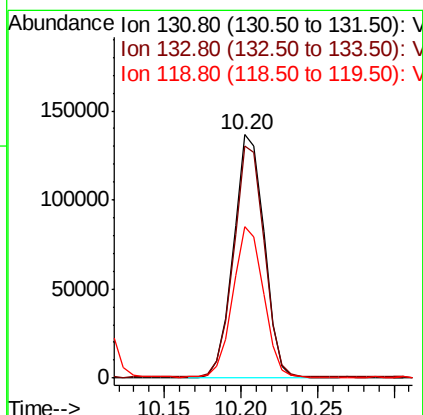
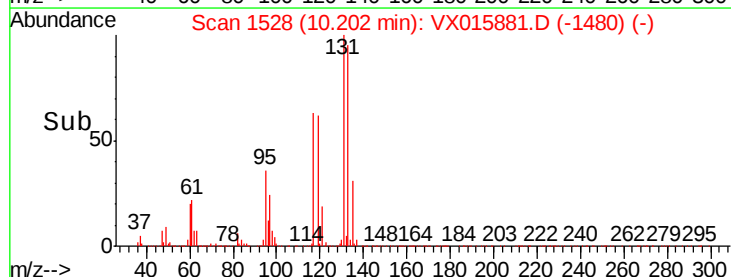
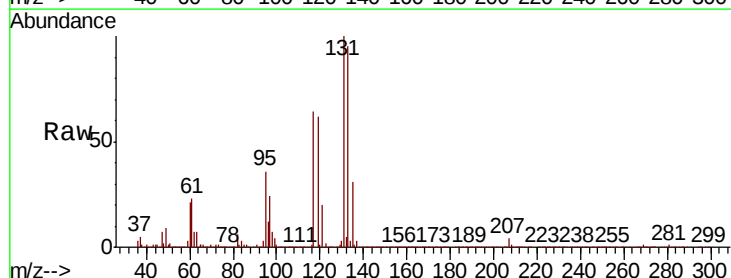
Tgt Ion:131 Resp: 189355

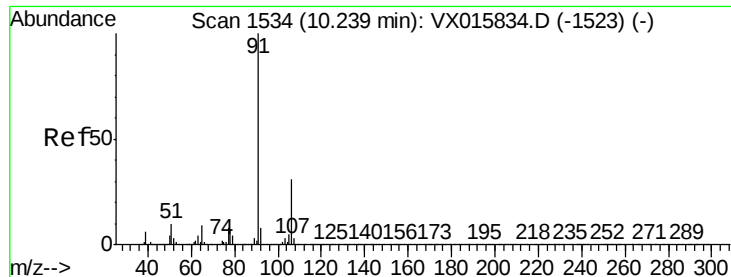
Ion Ratio Lower Upper

131 100

133 95.2 47.0 141.2

119 62.3 30.9 92.8

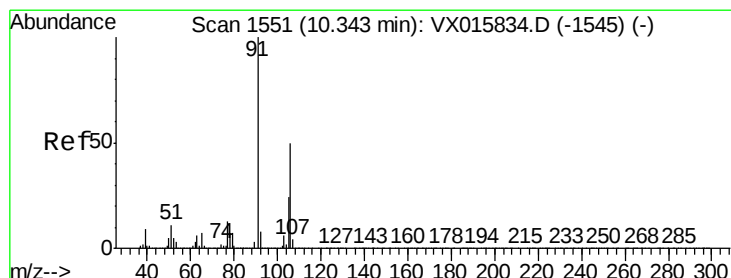
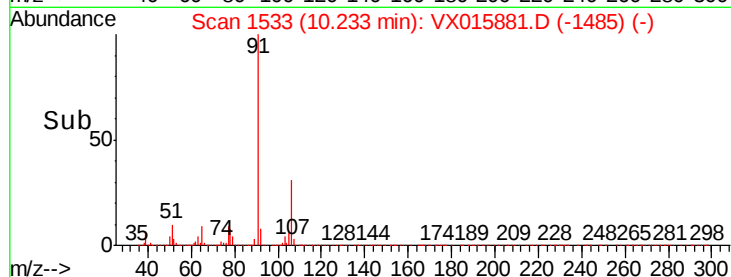
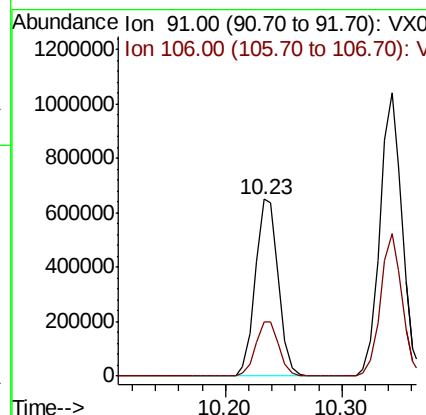
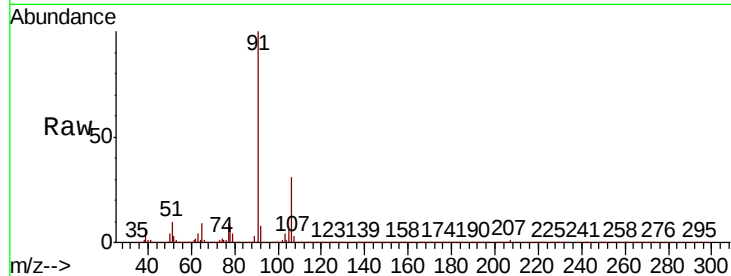




#67
Ethyl Benzene
Concen: 20.371 ug/l
RT: 10.23 min Scan# 1533
Delta R.T. -0.01 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

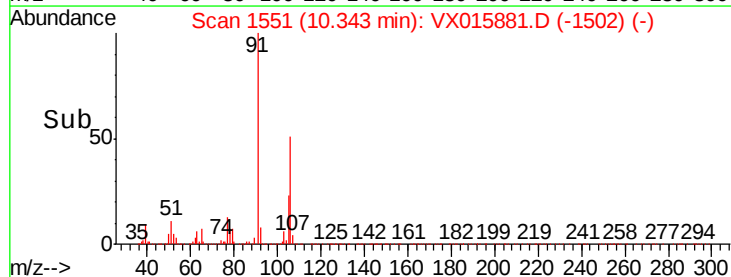
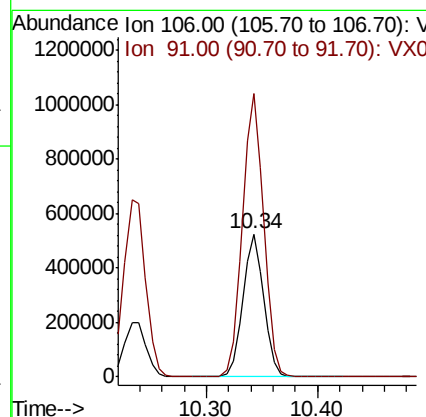
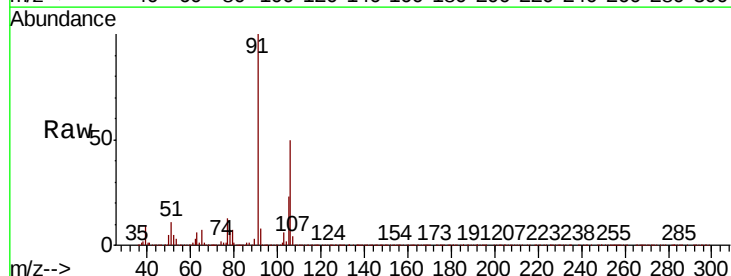
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

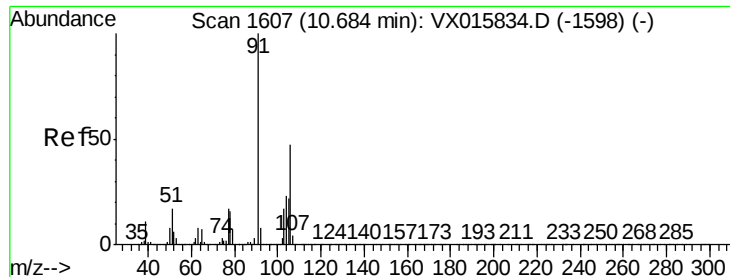
Tot Ion: 91 Resp: 892477
Ion Ratio Lower Upper
91 100
106 30.8 25.0 37.4



#68
m/p-Xylenes
Concen: 41.018 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Tgt Ion: 106 Resp: 674525
Ion Ratio Lower Upper
106 100
91 202.6 161.1 241.7

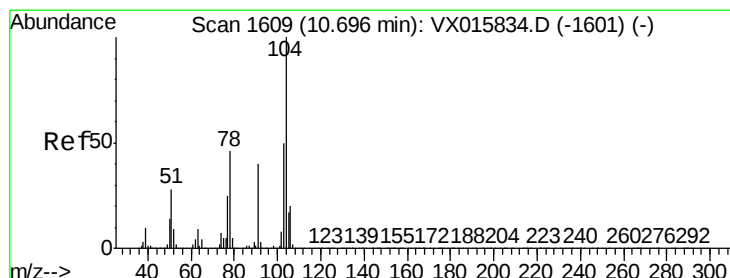
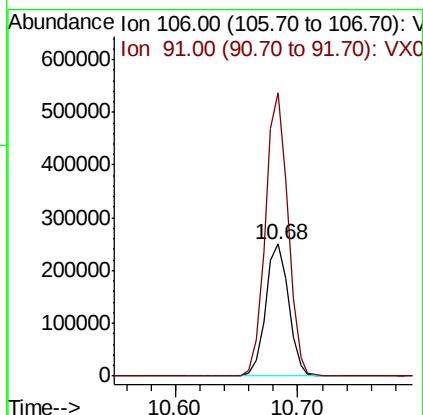
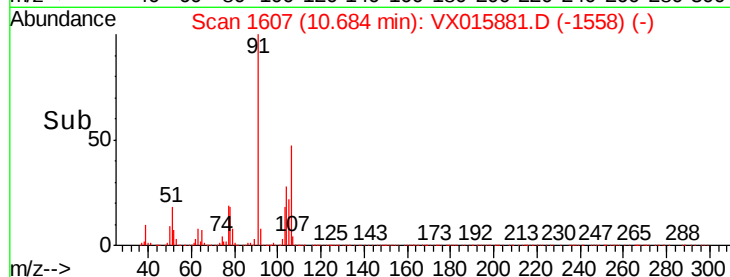
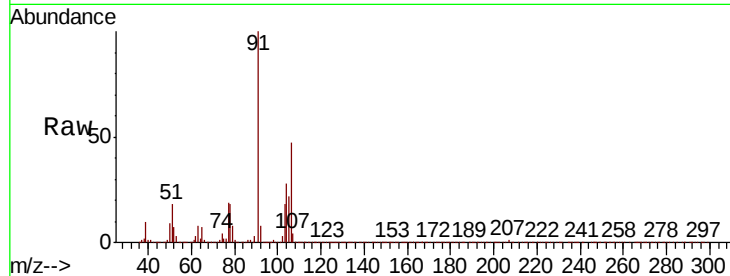




#69
o-Xylene
Concen: 20.186 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

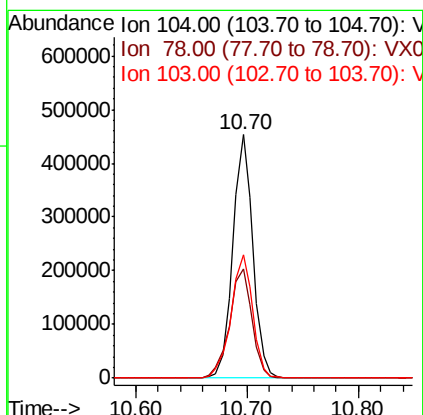
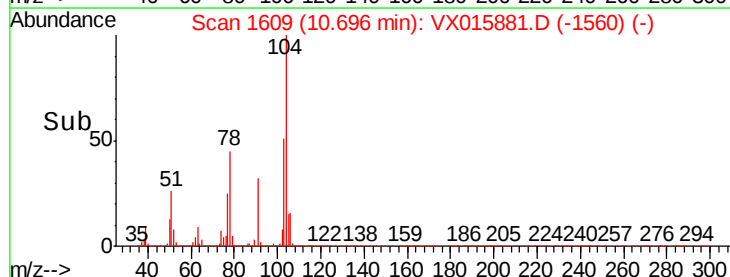
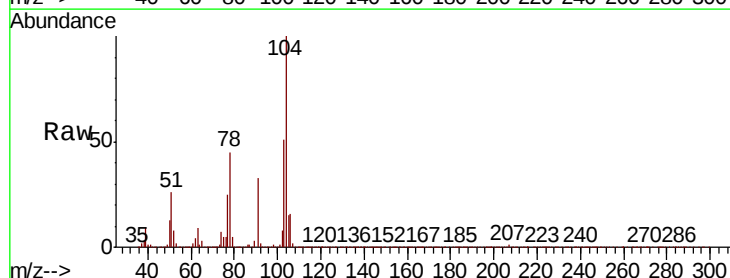
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

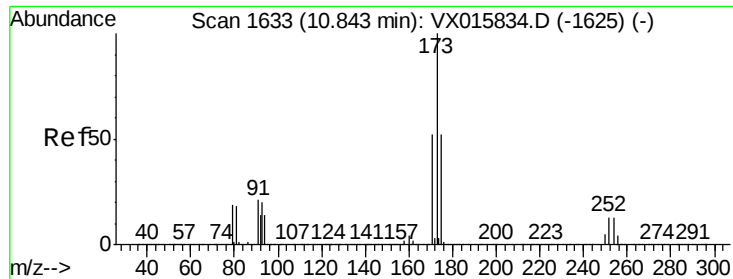
Tot Ion:106 Resp: 326652
Ion Ratio Lower Upper
106 100
91 211.5 107.1 321.3



#70
Styrene
Concen: 20.072 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Tgt Ion:104 Resp: 562425
Ion Ratio Lower Upper
104 100
78 50.9 40.1 60.1
103 54.9 43.3 64.9

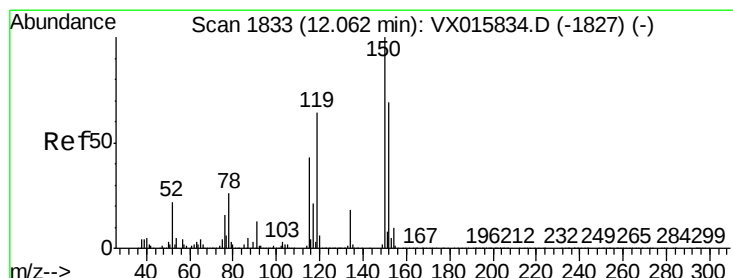
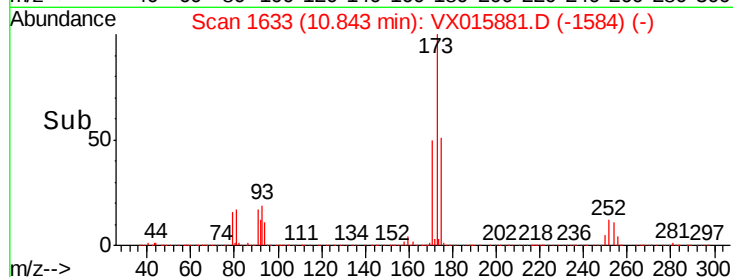
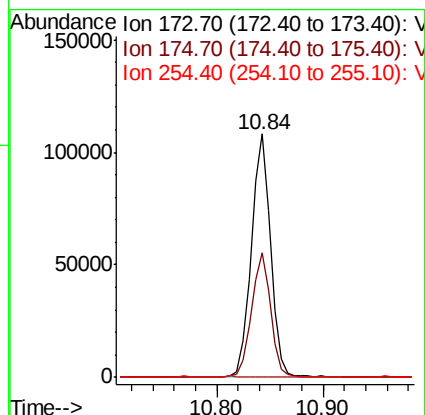
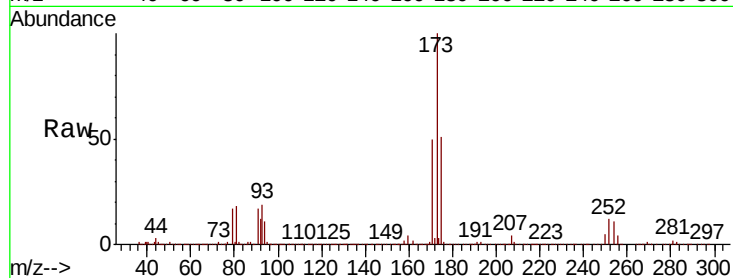




#71
Bromoform
Concen: 22.655 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

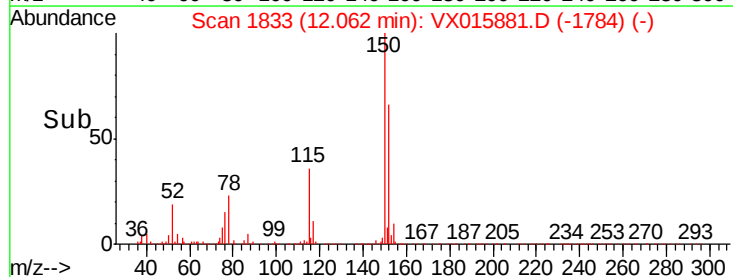
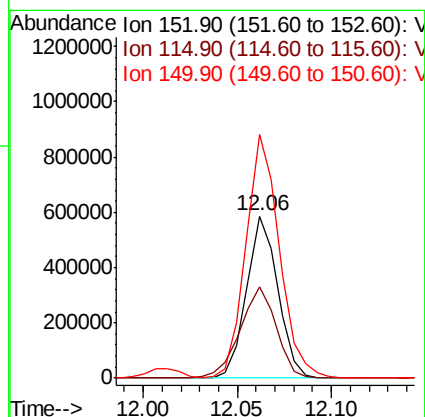
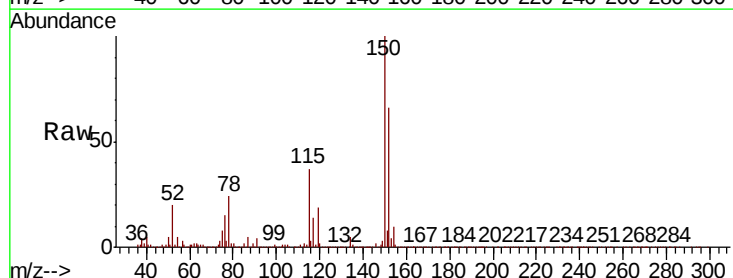
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

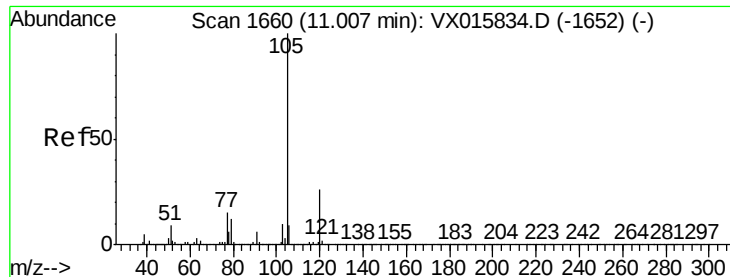
Tot Ion:173 Resp: 137670
Ion Ratio Lower Upper
173 100
175 51.3 25.1 75.4
254 0.3 0.3 0.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Tgt Ion:152 Resp: 675338
Ion Ratio Lower Upper
152 100
115 64.3 39.0 116.9
150 161.1 0.0 336.8





#73

Isopropylbenzene

Concen: 20.528 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

Instrument :

MSVOA_X

ClientSampleId :

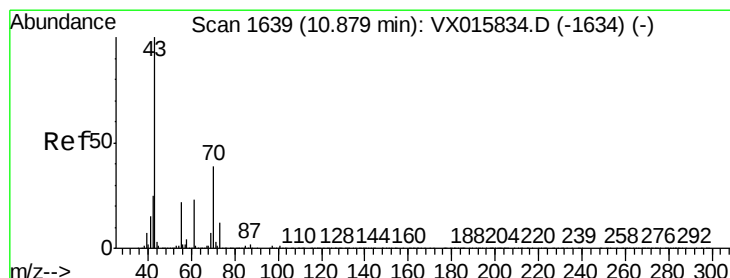
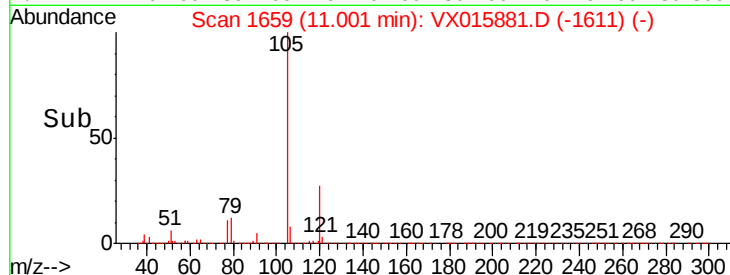
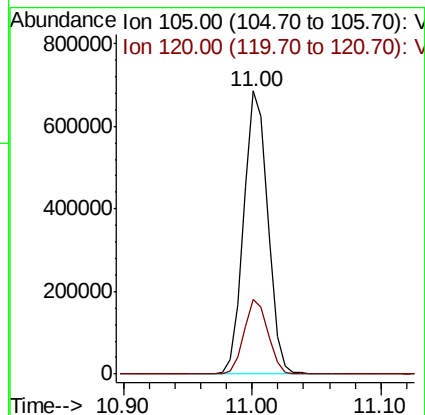
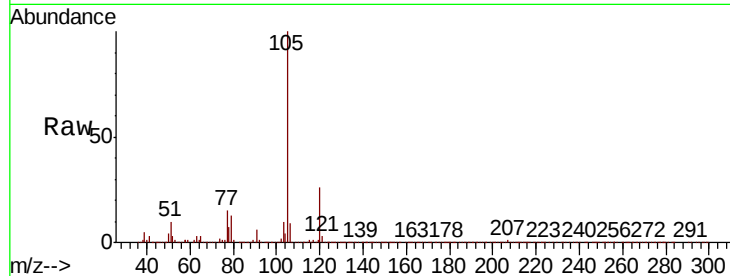
VX0423WBS01

Tot Ion:105 Resp: 880468

Ion Ratio Lower Upper

105 100

120 26.1 13.1 39.1



#74

N-ethyl acetate

Concen: 18.684 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. 0.00 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

Tgt Ion: 43 Resp: 413711

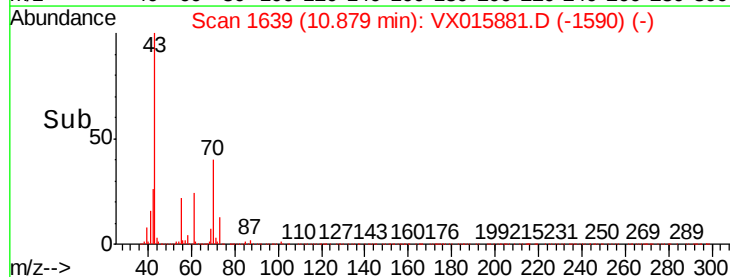
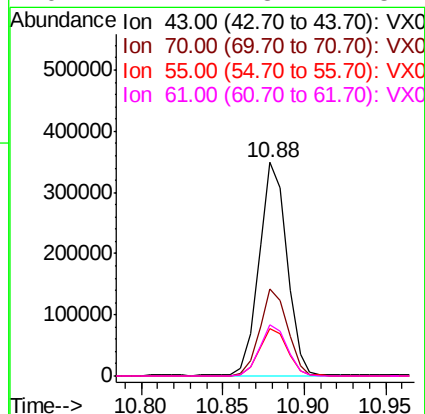
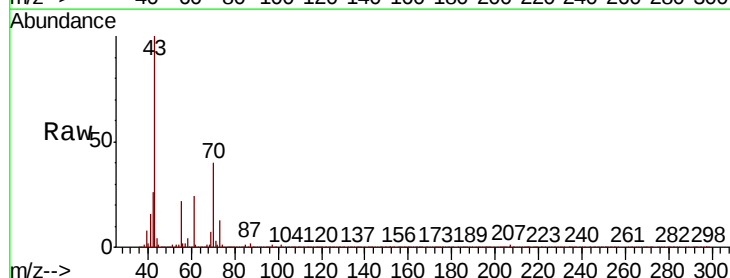
Ion Ratio Lower Upper

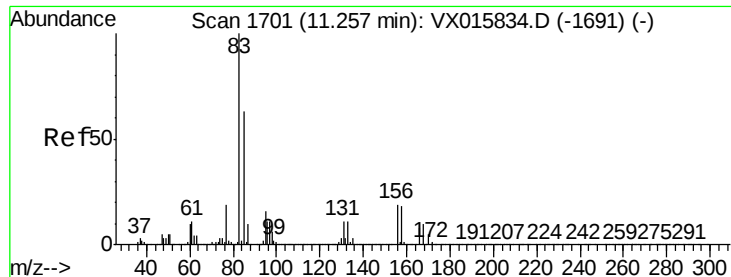
43 100

70 40.9 32.6 49.0

55 22.5 18.3 27.5

61 24.2 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.423 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS01

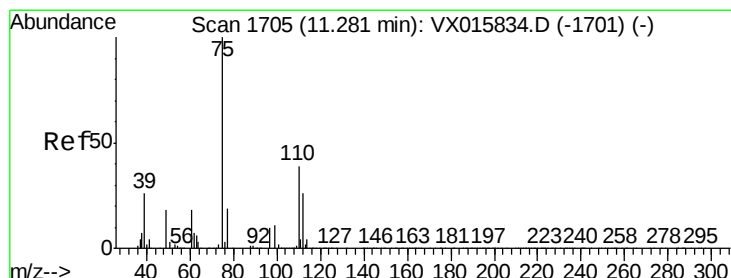
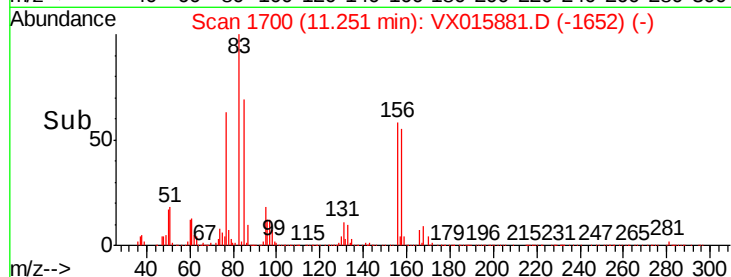
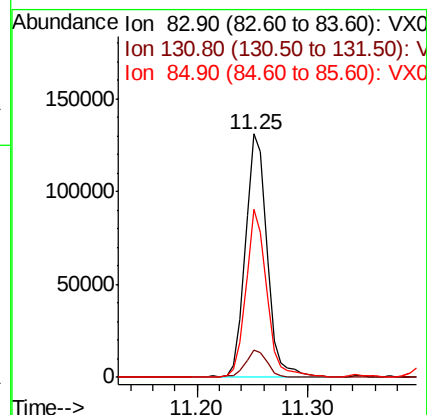
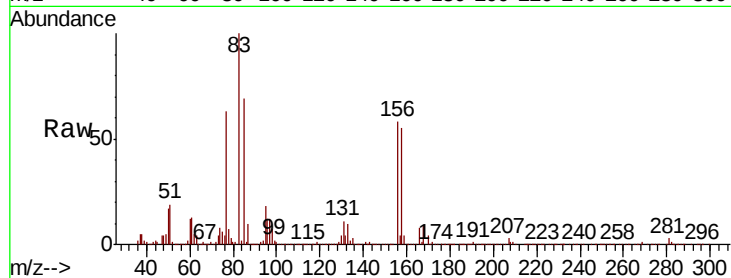
Tot Ion: 83 Resp: 176306

Ion Ratio Lower Upper

83 100

131 11.2 5.5 16.4

85 65.8 32.4 97.0



#76

1,2,3-Trichloropropane

Concen: 24.952 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015881.D

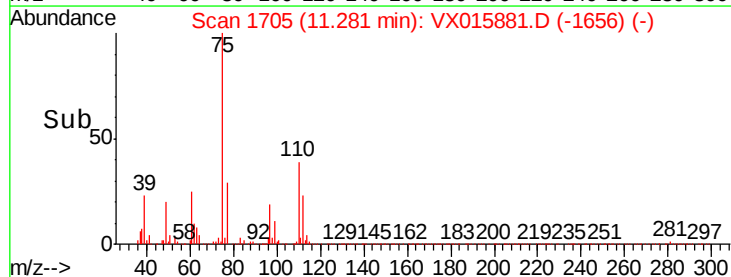
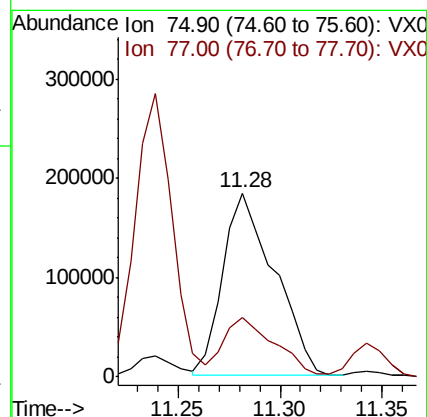
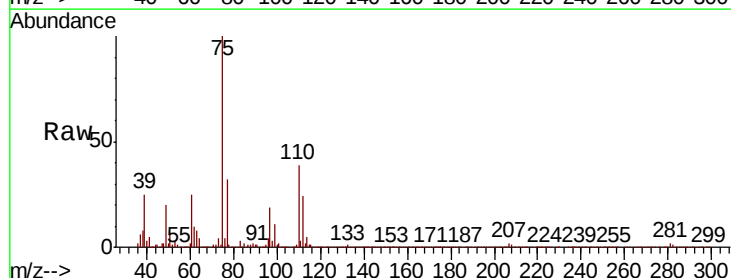
Acq: 23 Apr 2020 11:42

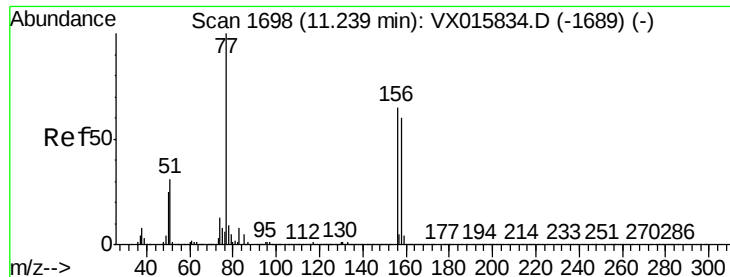
Tgt Ion: 75 Resp: 320434

Ion Ratio Lower Upper

75 100

77 32.5 21.3 63.9

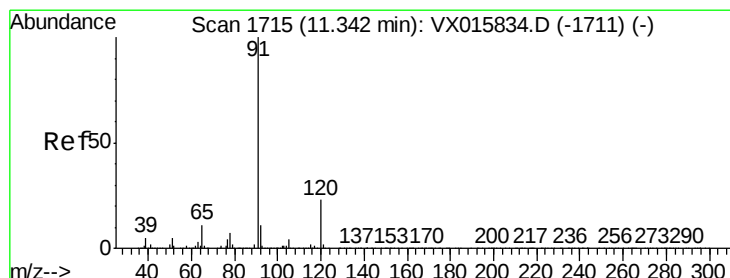
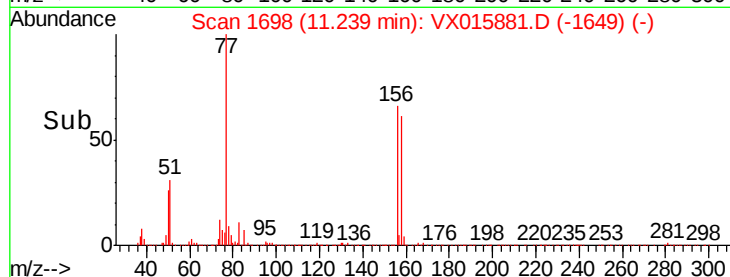
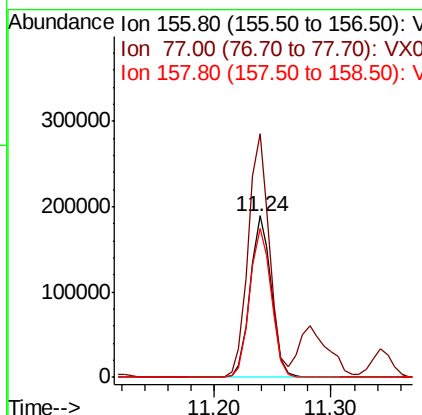
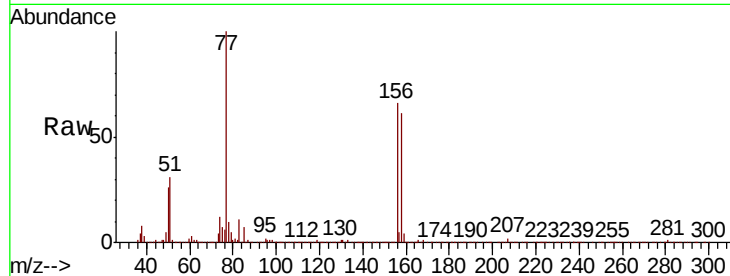




#77
Bromobenzene
Concen: 20.629 ug/l
RT: 11.24 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

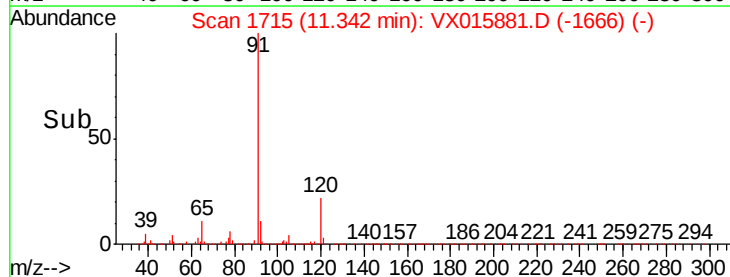
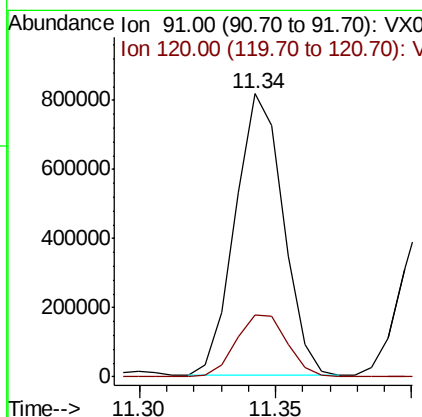
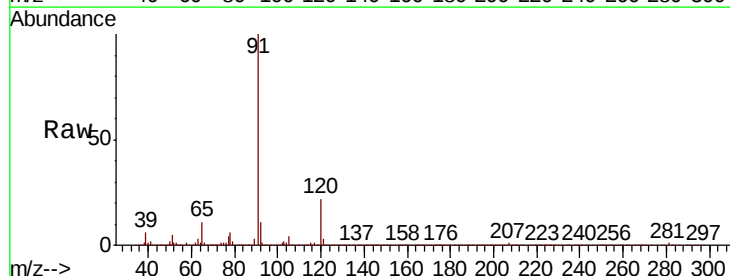
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

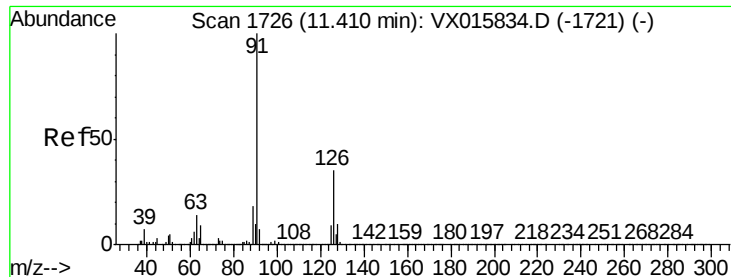
Tot Ion:156 Resp: 241759
Ion Ratio Lower Upper
156 100
77 150.6 75.2 225.6
158 93.3 47.9 143.6



#78
n-propylbenzene
Concen: 20.312 ug/l
RT: 11.34 min Scan# 1715
Delta R.T. 0.00 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Tgt Ion: 91 Resp: 998008
Ion Ratio Lower Upper
91 100
120 23.5 11.7 35.1





#79

2-Chlorotoluene

Concen: 19.951 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

Instrument :

MSVOA_X

ClientSampleId :

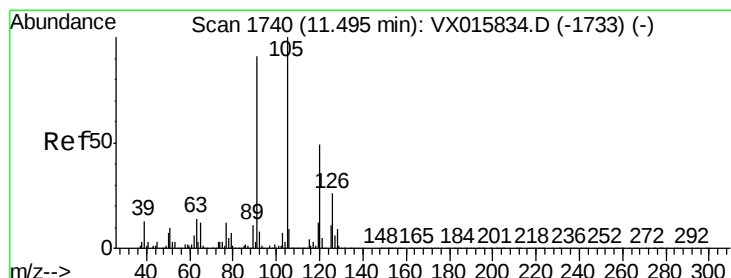
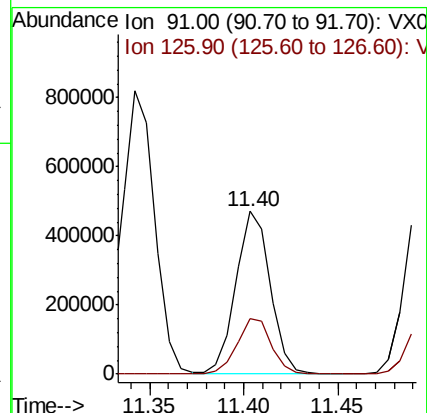
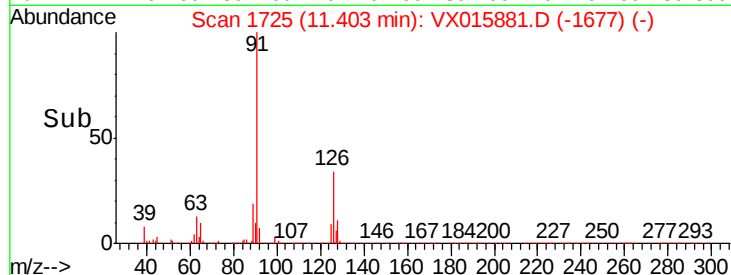
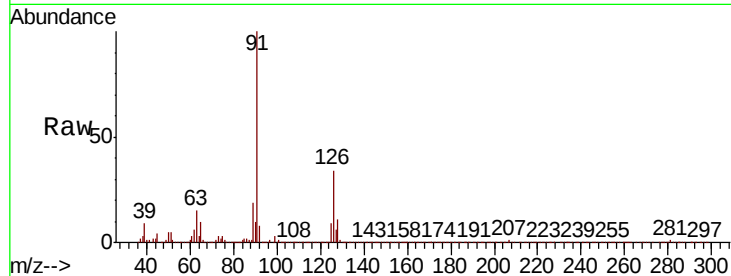
VX0423WBS01

Tot Ion: 91 Resp: 588827

Ion Ratio Lower Upper

91 100

126 34.6 17.2 51.5



#80

1,3,5-Trimethylbenzene

Concen: 20.459 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015881.D

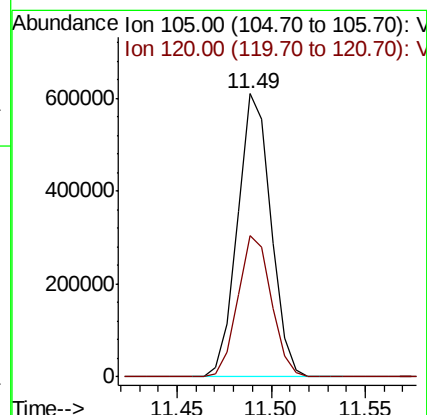
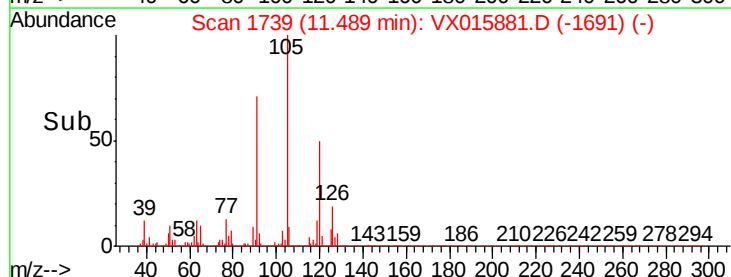
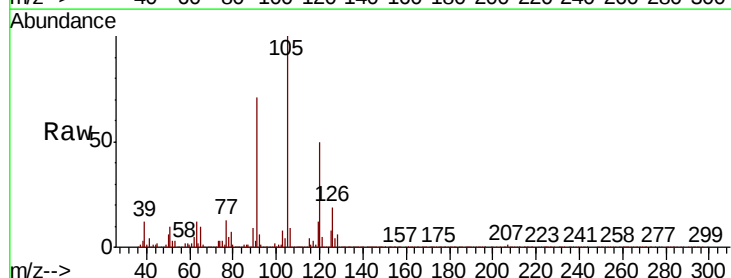
Acq: 23 Apr 2020 11:42

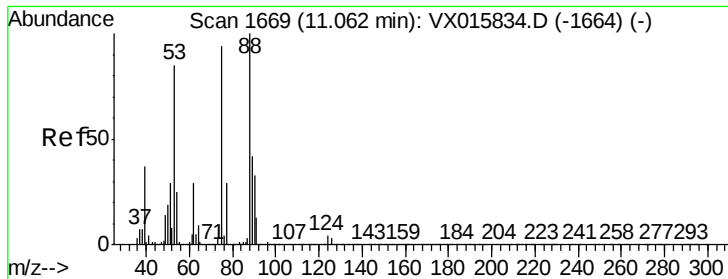
Tgt Ion: 105 Resp: 748226

Ion Ratio Lower Upper

105 100

120 50.2 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 18.331 ug/l

RT: 11.06 min Scan# 1668

Delta R.T. -0.01 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS01

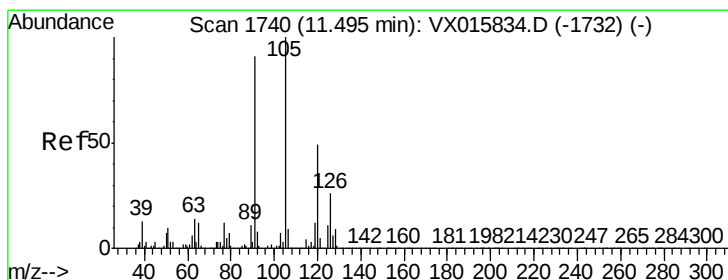
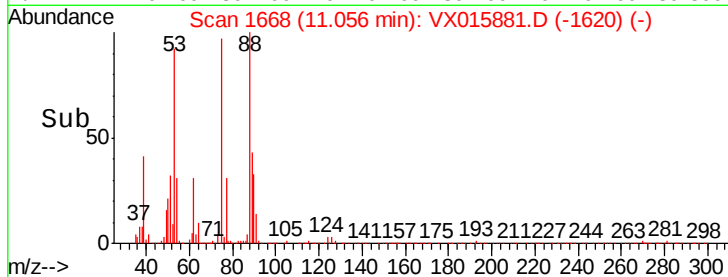
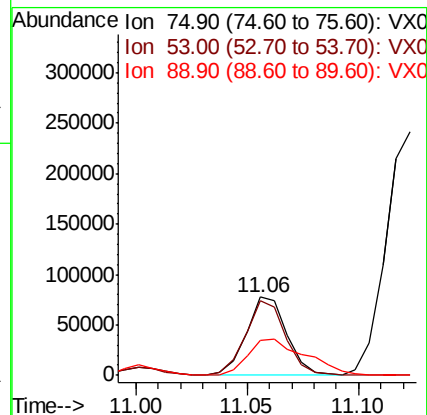
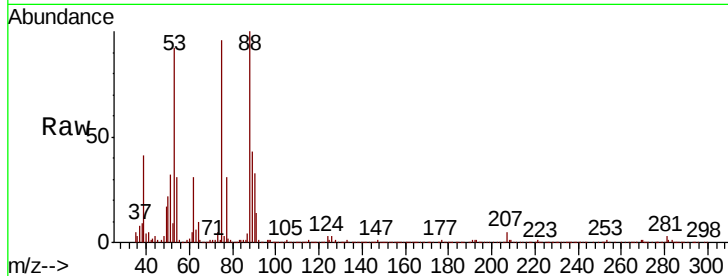
Tot Ion: 75 Resp: 97862

Ion Ratio Lower Upper

75 100

53 94.4 74.2 111.2

89 66.0 38.0 57.0#



#82

4-Chlorotoluene

Concen: 20.479 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015881.D

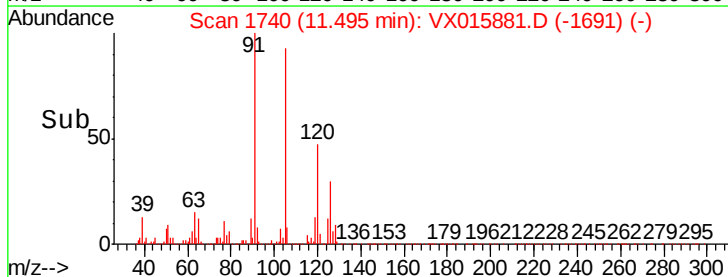
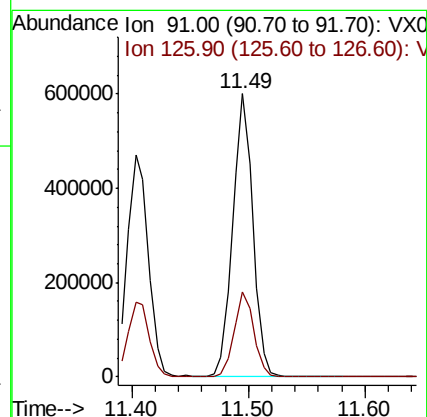
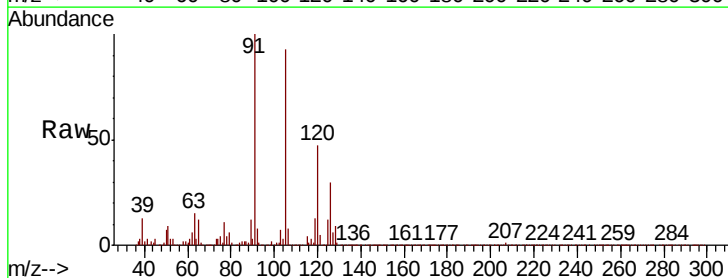
Acq: 23 Apr 2020 11:42

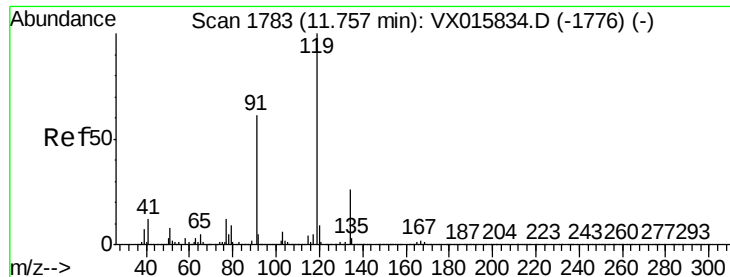
Tgt Ion: 91 Resp: 718236

Ion Ratio Lower Upper

91 100

126 29.6 15.0 45.0

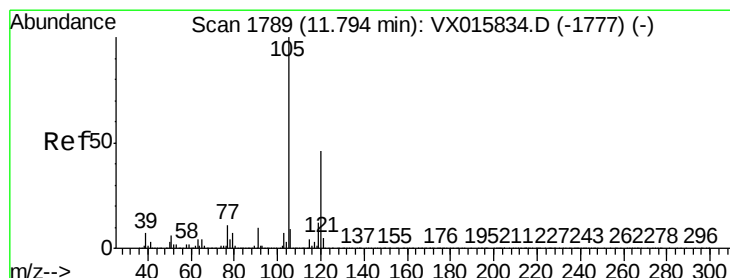
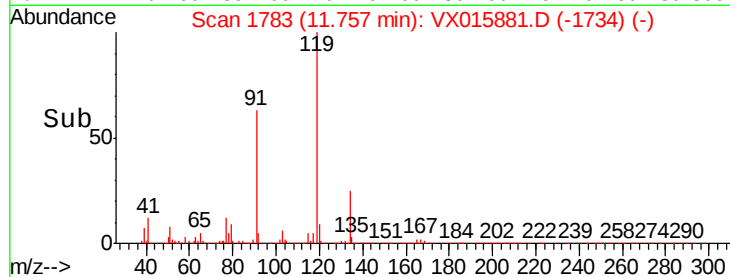
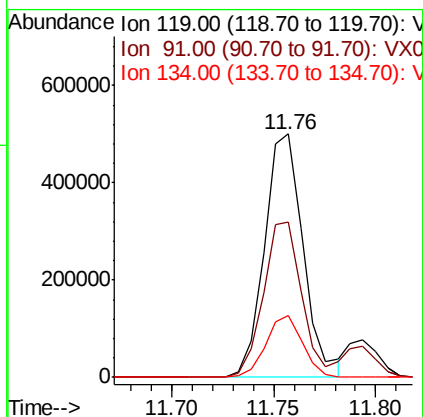
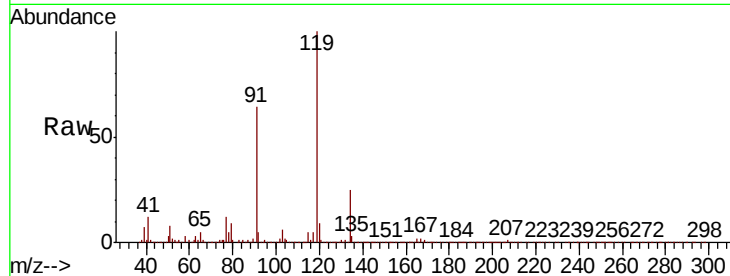




#83
tert-Butylbenzene
Concen: 20.422 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

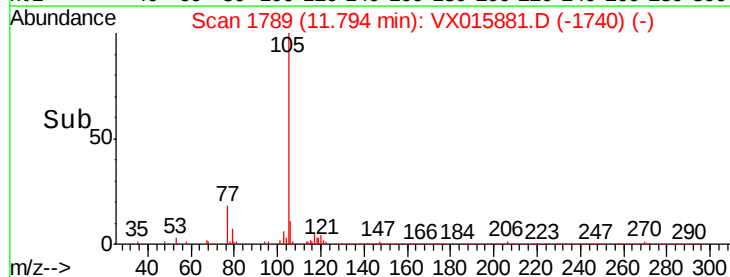
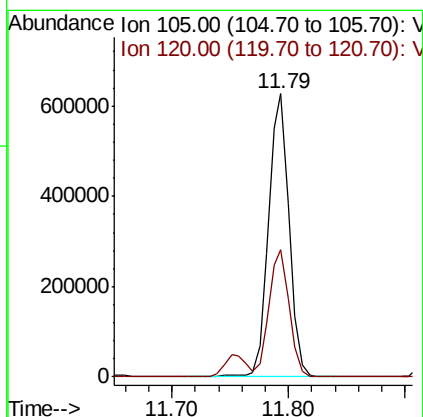
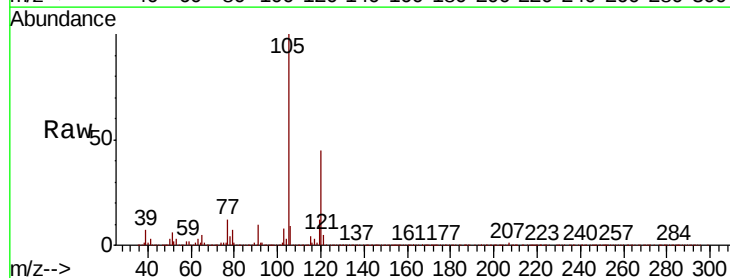
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

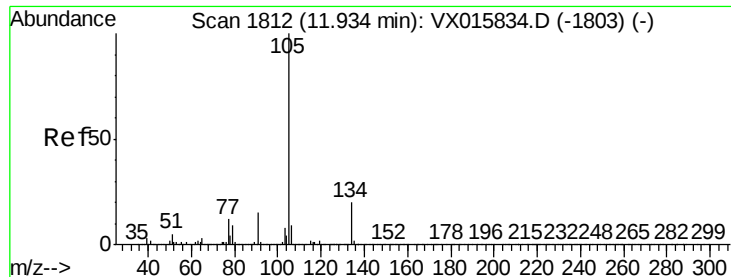
Tot Ion	Ratio	Lower	Upper
119	100		
91	62.7	30.9	92.7
134	24.0	12.4	37.2



#84
1,2,4-Trimethylbenzene
Concen: 20.219 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.9	68.7





#85

sec-Butylbenzene

Concen: 20.193 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

Instrument :

MSVOA_X

ClientSampleId :

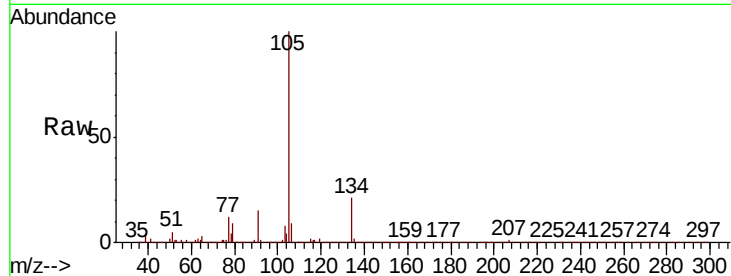
VX0423WBS01

Tot Ion:105 Resp: 863561

Ion Ratio Lower Upper

105 100

134 20.5 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

800000

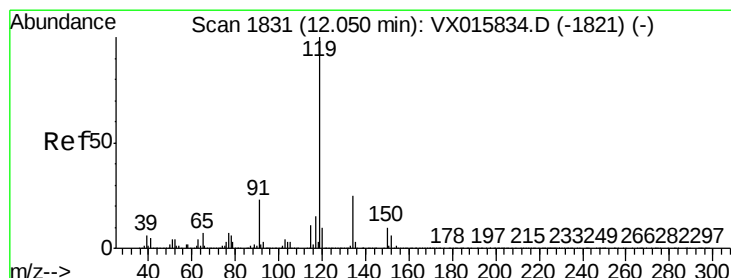
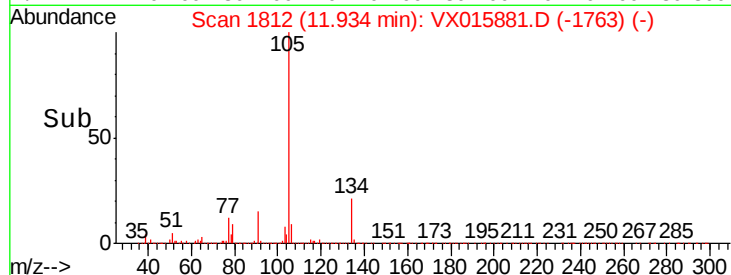
600000

400000

200000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 20.642 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

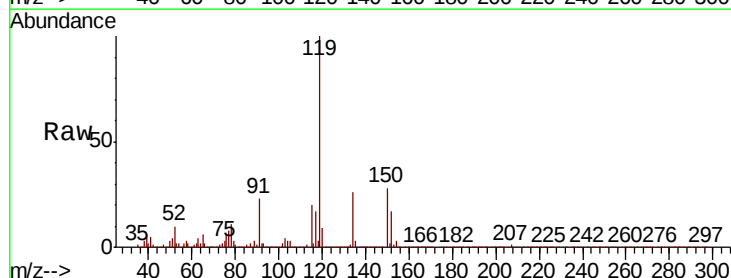
Tgt Ion:119 Resp: 825432

Ion Ratio Lower Upper

119 100

134 25.6 13.0 38.9

91 23.2 11.5 34.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.05

800000

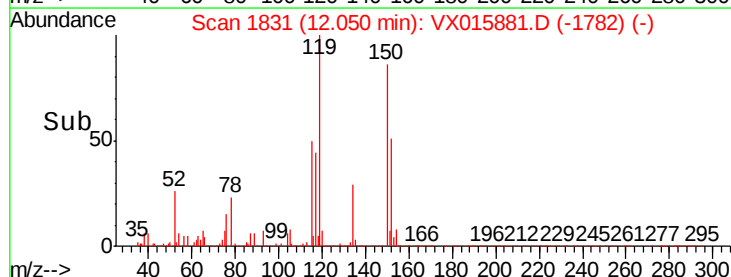
600000

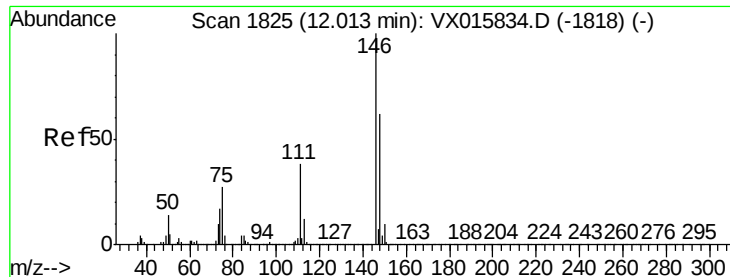
400000

200000

0

Time--> 12.00 12.10

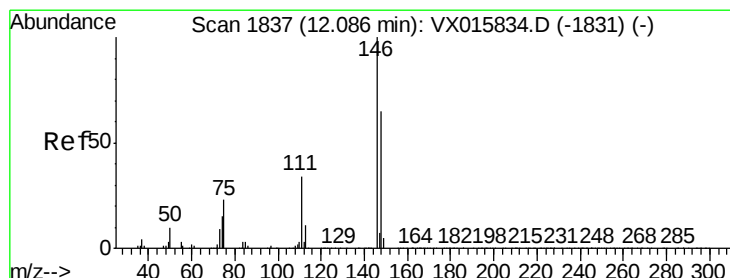
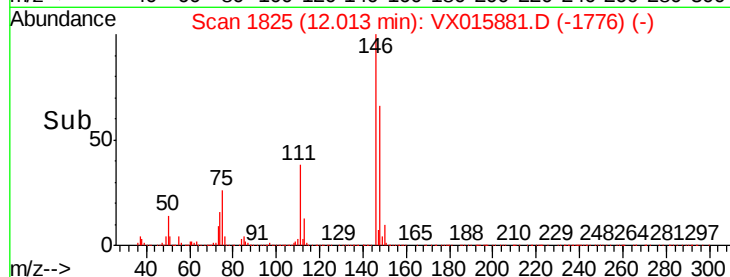
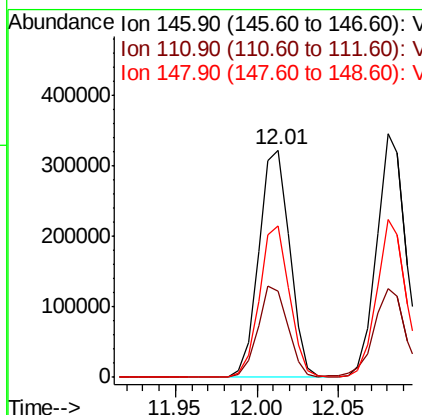
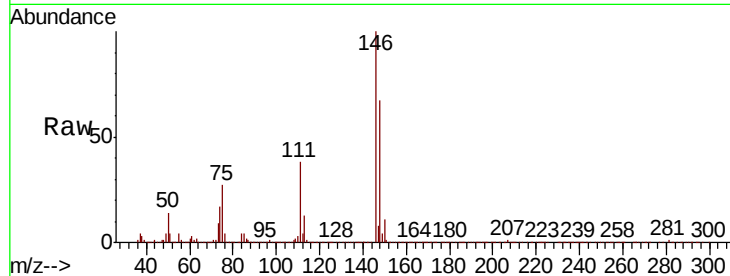




#87
 1,3-Dichlorobenzene
 Concen: 19.741 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015881.D
 Acq: 23 Apr 2020 11:42

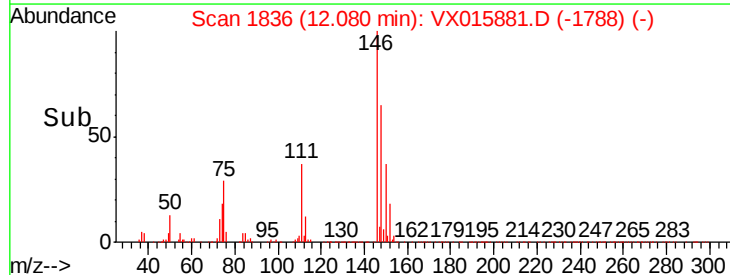
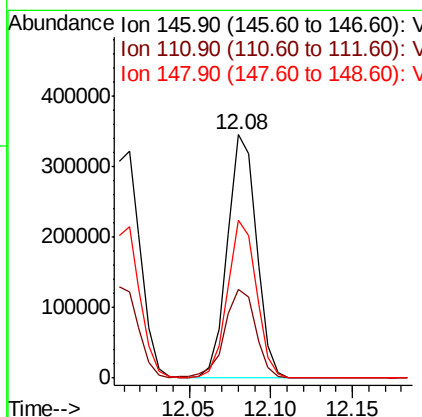
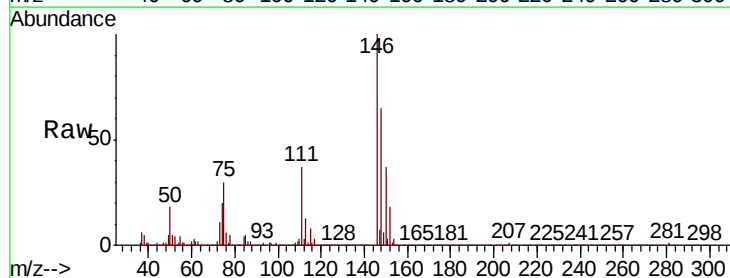
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS01

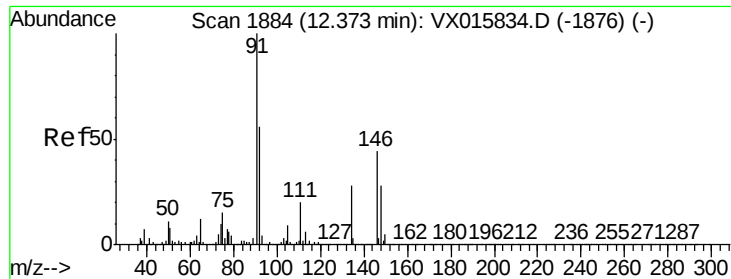
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.1	57.1
148	64.2	30.9	92.7



#88
 1,4-Dichlorobenzene
 Concen: 19.759 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015881.D
 Acq: 23 Apr 2020 11:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.4	58.2
148	64.5	33.8	101.4

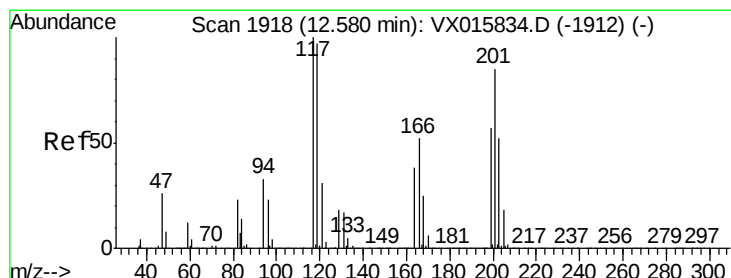
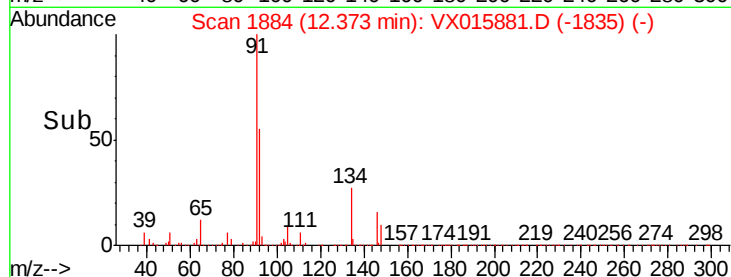
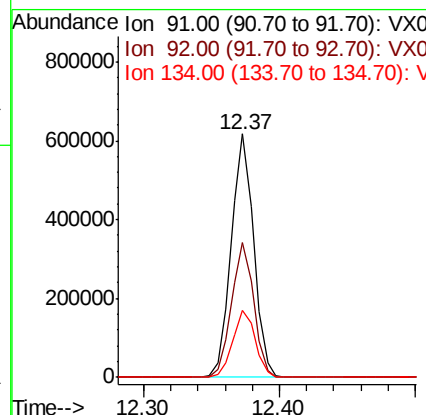
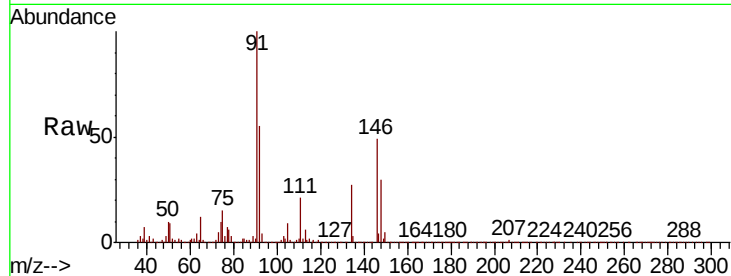




#89
n-Butylbenzene
Concen: 19.674 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

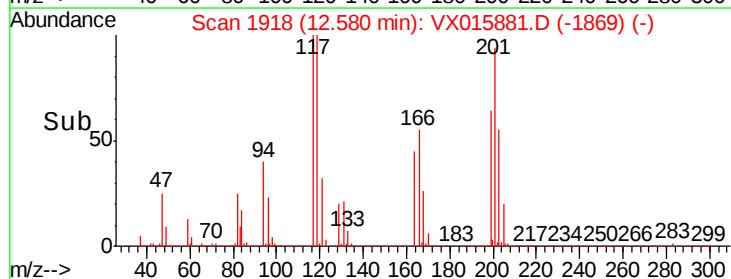
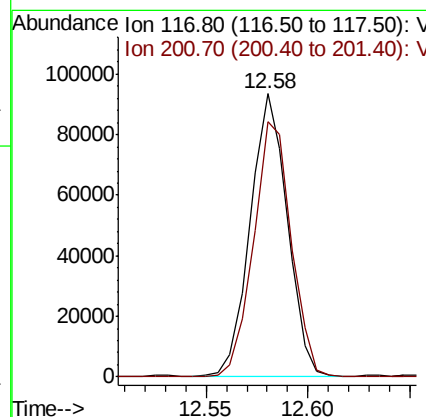
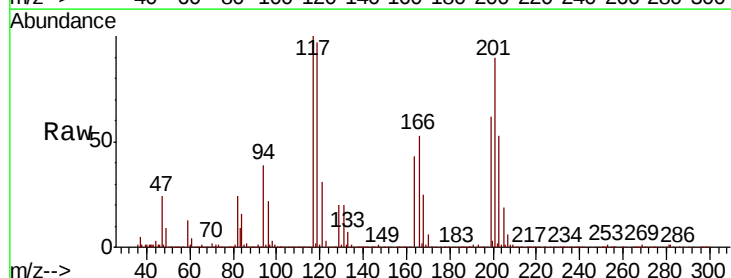
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

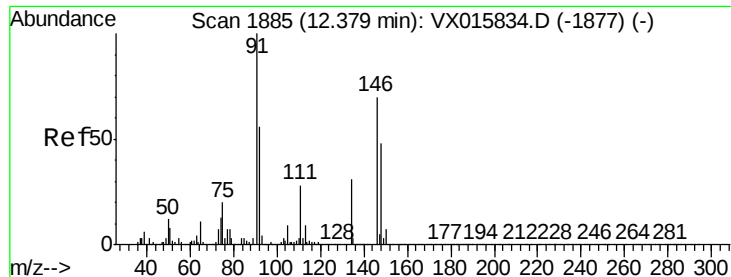
Tot Ion: 91 Resp: 703380
Ion Ratio Lower Upper
91 100
92 54.9 27.7 83.1
134 27.4 14.1 42.4



#90
Hexachloroethane
Concen: 27.842 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Tgt Ion: 117 Resp: 117614
Ion Ratio Lower Upper
117 100
201 92.4 45.6 136.9





#91

1,2-Dichlorobenzene

Concen: 19.529 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS01

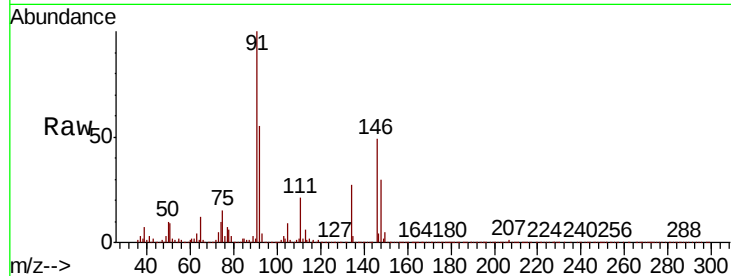
Tot Ion:146 Resp: 398450

Ion Ratio Lower Upper

146 100

111 40.8 20.3 61.0

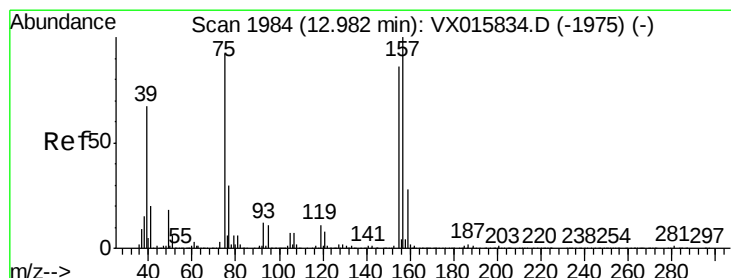
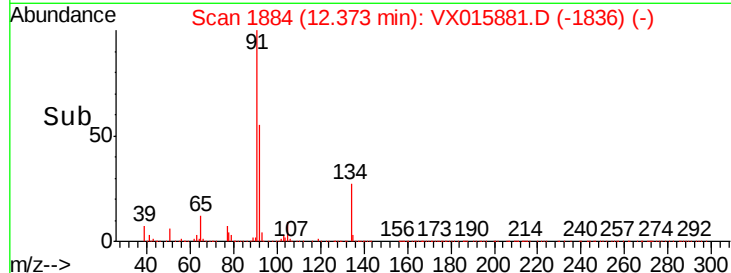
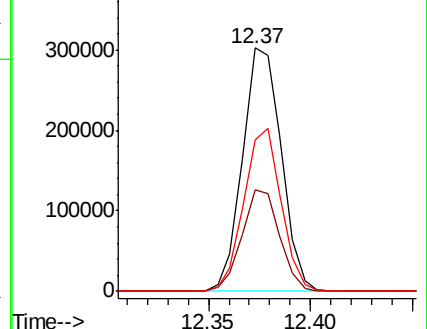
148 64.5 32.1 96.3



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: 19.482 ug/l

RT: 12.98 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VX015881.D

Acq: 23 Apr 2020 11:42

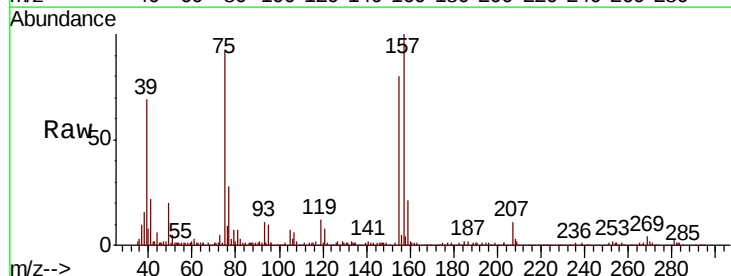
Tgt Ion: 75 Resp: 52444

Ion Ratio Lower Upper

75 100

155 92.8 48.1 144.4

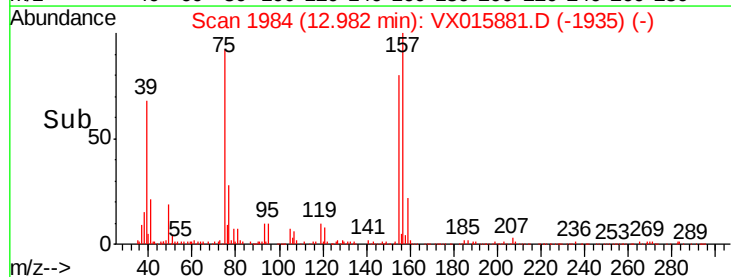
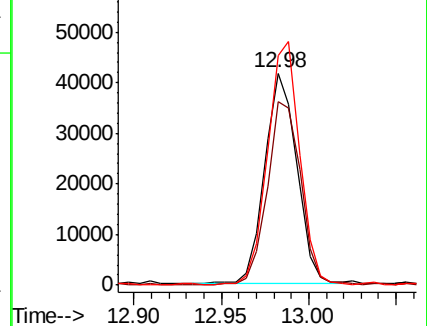
157 116.5 58.9 176.7

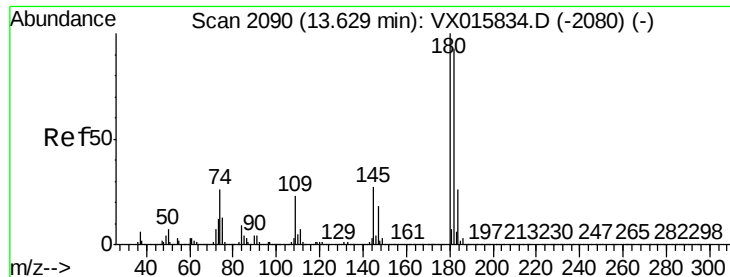


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

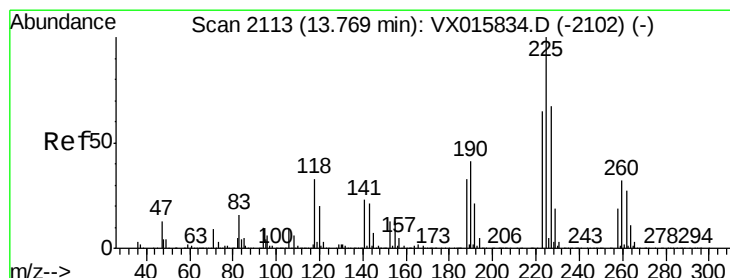
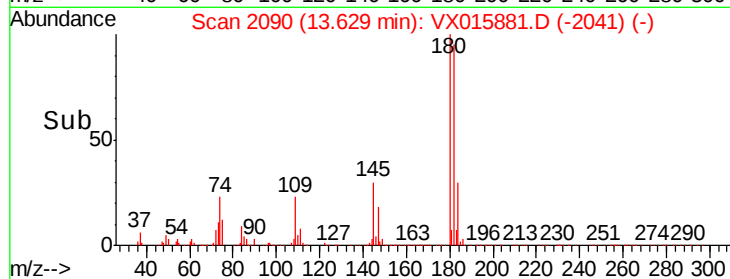
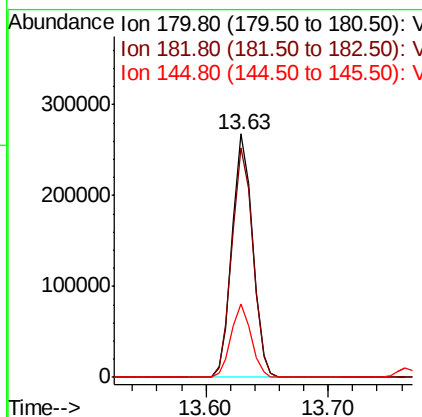
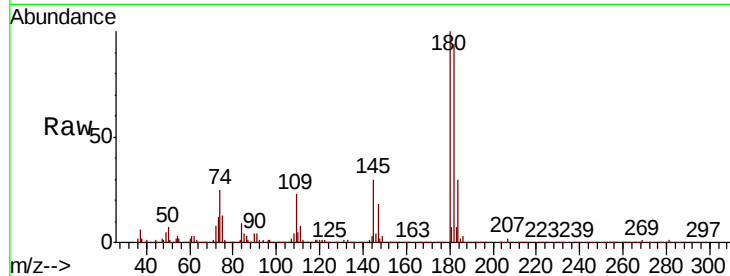




#93
 1,2,4-Trichlorobenzene
 Concen: 19.266 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015881.D
 Acq: 23 Apr 2020 11:42

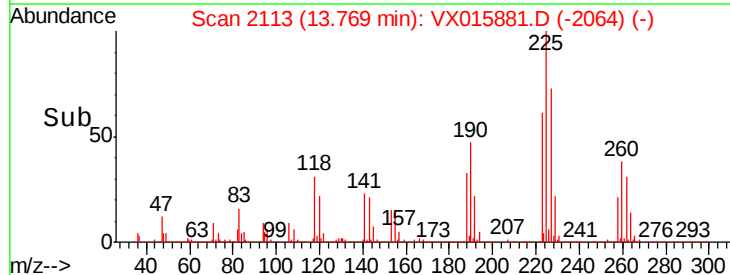
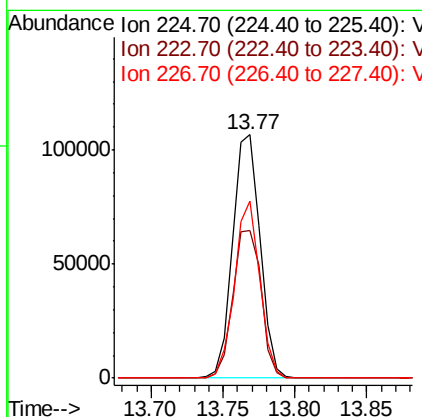
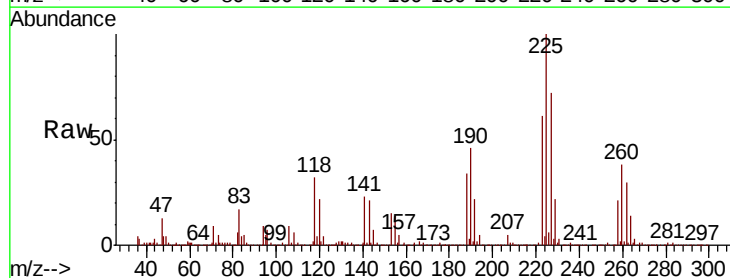
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS01

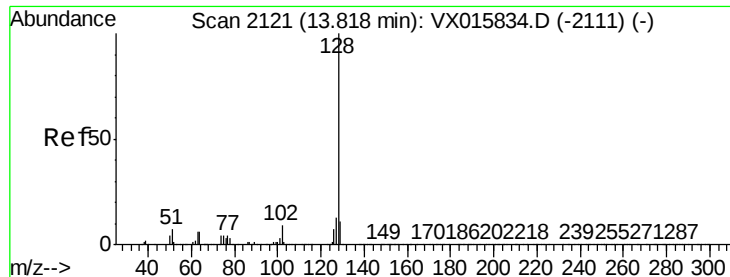
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.7	143.1
145	29.6	14.5	43.5



#94
 Hexachlorobutadiene
 Concen: 19.842 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015881.D
 Acq: 23 Apr 2020 11:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.3	93.8
227	67.3	32.6	97.8

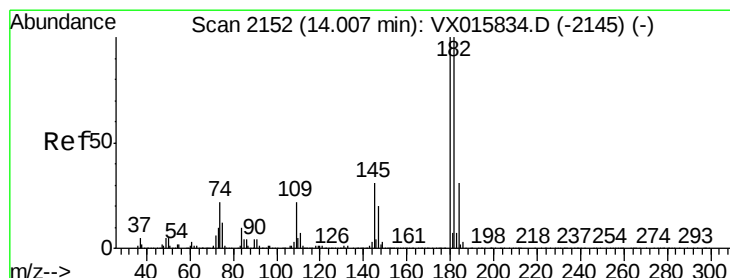
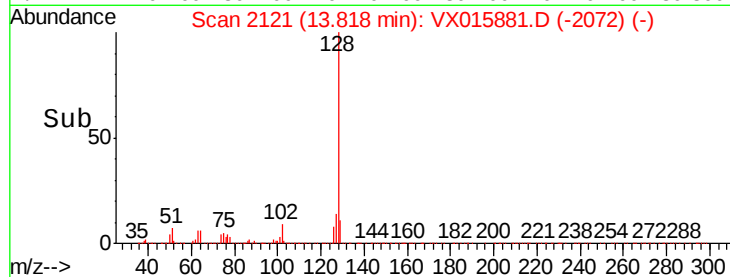
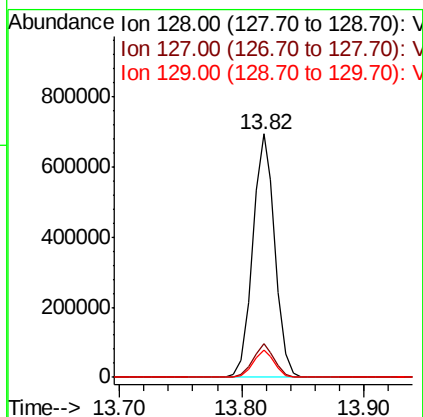
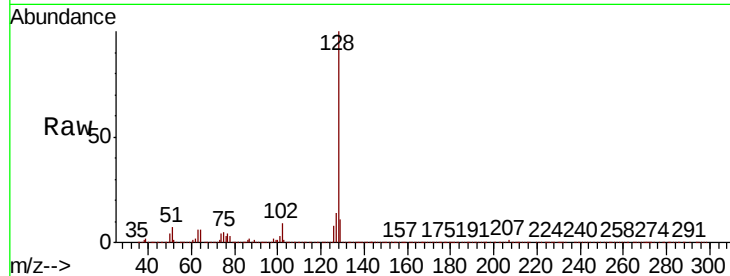




#95
Naphthalene
Concen: 18.992 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	10.9	8.5	12.7



#96
1,2,3-Trichlorobenzene
Concen: 19.320 ug/l
RT: 14.00 min Scan# 2151
Delta R.T. -0.01 min
Lab File: VX015881.D
Acq: 23 Apr 2020 11:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.9	47.9	143.7
145	31.4	15.2	45.5

