

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042320\
 Data File : VX015907.D
 Acq On : 23 Apr 2020 22:18
 Operator : JC/SP
 Sample : VX0423WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBSD02

Quant Time: Apr 24 03:38:55 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	5.64	168	812213	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1245941	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1144494	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	638528	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	467422	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
35) Dibromofluoromethane	5.47	113	356084	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
50) Toluene-d8	8.70	98	1410713	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
62) 4-Bromofluorobenzene	11.12	95	568083	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	150484	21.645	ug/l	93
3) Chloromethane	1.31	50	133622	18.766	ug/l	97
4) Vinyl Chloride	1.39	62	153132	18.580	ug/l	97
5) Bromomethane	1.63	94	68583	24.811	ug/l	98
6) Chloroethane	1.71	64	91873	19.562	ug/l	93
7) Trichlorofluoromethane	1.92	101	205202	20.068	ug/l	99
8) Diethyl Ether	2.17	74	76701	18.497	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	129214	18.628	ug/l	100
10) Methyl Iodide	2.49	142	150144	17.520	ug/l	96
11) Tert butyl alcohol	3.01	59	197672	104.730	ug/l	98
12) 1,1-Dichloroethene	2.36	96	136090	19.130	ug/l	94
13) Acrolein	2.27	56	88242	79.014	ug/l	99
14) Allyl chloride	2.71	41	285320	18.874	ug/l	99
15) Acrylonitrile	3.12	53	452606	103.310	ug/l	100
16) Acetone	2.42	43	378292	94.048	ug/l	97
17) Carbon Disulfide	2.55	76	367993	14.244	ug/l	99
18) Methyl Acetate	2.75	43	291409	21.945	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	519239	20.675	ug/l	98
20) Methylene Chloride	2.84	84	163600	20.035	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	154297	19.548	ug/l	93
22) Diisopropyl ether	3.83	45	559062	20.518	ug/l	94
23) Vinyl Acetate	3.79	43	2248156	99.693	ug/l	99
24) 1,1-Dichloroethane	3.67	63	286862	20.199	ug/l	99
25) 2-Butanone	4.64	43	653741	102.827	ug/l	100
26) 2,2-Dichloropropane	4.56	77	213248	16.810	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	180262	20.116	ug/l	99
28) Bromochloromethane	4.98	49	145962	19.588	ug/l	98
29) Tetrahydrofuran	5.09	42	433291	103.037	ug/l	99
30) Chloroform	5.18	83	282932	19.801	ug/l	96
31) Cyclohexane	5.55	56	263514	19.525	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	261045	20.491	ug/l	98
36) 1,1-Dichloropropene	5.77	75	214493	19.419	ug/l	100
37) Ethyl Acetate	4.80	43	261005	19.855	ug/l	97
38) Carbon Tetrachloride	5.76	117	221524	20.361	ug/l	95

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 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	249679	17.850	ug/l	95
40) Benzene	6.12	78	638560	19.195	ug/l	99
41) Methacrylonitrile	5.00	41	146534	20.060	ug/l	97
42) 1,2-Dichloroethane	6.17	62	238861	19.939	ug/l	100
43) Isopropyl Acetate	6.42	43	432392	19.500	ug/l	99
44) Trichloroethene	7.20	130	219477	18.773	ug/l	91
45) 1,2-Dichloropropane	7.49	63	174347	19.998	ug/l	100
46) Dibromomethane	7.64	93	112129	17.619	ug/l	97
47) Bromodichloromethane	7.88	83	235399	20.791	ug/l	98
48) Methyl methacrylate	7.75	41	215307	19.739	ug/l	98
49) 1,4-Dioxane	7.72	88	84323	409.056	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1300392	101.599	ug/l	100
52) Toluene	8.77	92	426417	19.997	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	270256	19.238	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	282145	19.003	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	171660	20.616	ug/l	96
56) Ethyl methacrylate	9.16	69	270936	19.210	ug/l	98
57) 1,3-Dichloropropane	9.36	76	289262	19.992	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	719674	102.145	ug/l	97
59) 2-Hexanone	9.47	43	983317	100.847	ug/l	100
60) Dibromochloromethane	9.57	129	182014	21.168	ug/l	97
61) 1,2-Dibromoethane	9.65	107	178725	19.421	ug/l	99
64) Tetrachloroethene	9.32	164	282029	18.282	ug/l	98
65) Chlorobenzene	10.12	112	457202	19.977	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	176160	20.592	ug/l	98
67) Ethyl Benzene	10.24	91	794170	19.760	ug/l	98
68) m/p-Xylenes	10.34	106	606663	40.215	ug/l	100
69) o-Xylene	10.68	106	301116	20.284	ug/l	96
70) Styrene	10.70	104	516886	20.109	ug/l	100
71) Bromoform	10.84	173	137414	24.650	ug/l #	99
73) Isopropylbenzene	11.00	105	793169	19.559	ug/l	99
74) N-amyl acetate	10.88	43	383793	18.332	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	179475	20.912	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	300375	24.738	ug/l	85
77) Bromobenzene	11.24	156	218693	19.737	ug/l	98
78) n-propylbenzene	11.34	91	907666	19.538	ug/l	99
79) 2-Chlorotoluene	11.40	91	537203	19.251	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	673107	19.466	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	88469	17.527	ug/l	96
82) 4-Chlorotoluene	11.50	91	641797	19.355	ug/l	100
83) tert-Butylbenzene	11.76	119	600198	19.568	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	693360	19.314	ug/l	100
85) sec-Butylbenzene	11.93	105	773670	19.134	ug/l	99
86) p-Isopropyltoluene	12.05	119	731328	19.343	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	388098	19.081	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	395053	19.403	ug/l	96
89) n-Butylbenzene	12.37	91	623112	18.433	ug/l	99
90) Hexachloroethane	12.58	117	109907	27.517	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	370665	19.214	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55047	21.628	ug/l	97

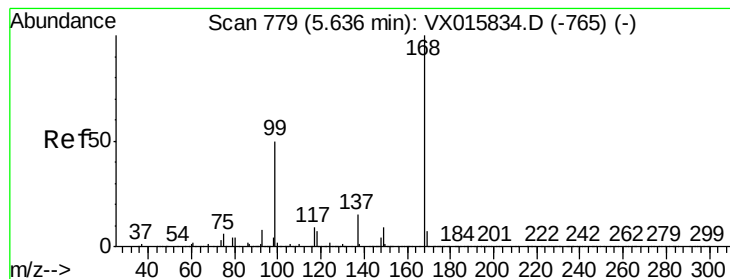
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042320\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	279708	18.402	ug/l	99
94) Hexachlorobutadiene	13.76	225	128426	18.844	ug/l	99
95) Naphthalene	13.82	128	849535	19.427	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	268910	18.134	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.00 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Instrument :

MSVOA_X

ClientSampleId :

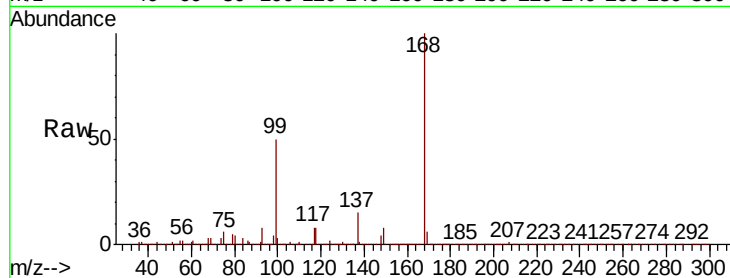
VX0423WBSD02

Tot Ion:168 Resp: 812213

Ion Ratio Lower Upper

168 100

99 49.4 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

300000

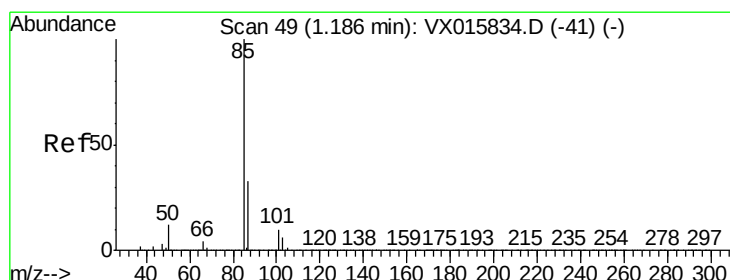
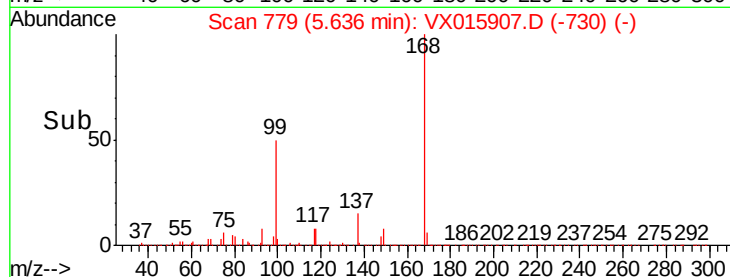
200000

100000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 21.645 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX015907.D

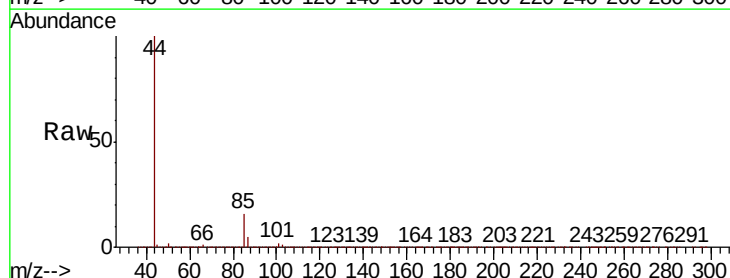
Acq: 23 Apr 2020 22:18

Tgt Ion: 85 Resp: 150484

Ion Ratio Lower Upper

85 100

87 29.0 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

150000

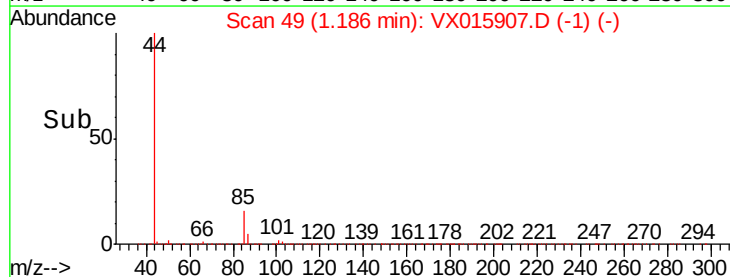
100000

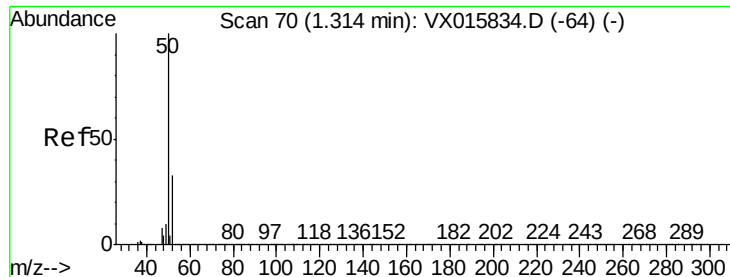
50000

0

1.10 1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 18.766 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Instrument :

MSVOA_X

ClientSampleId :

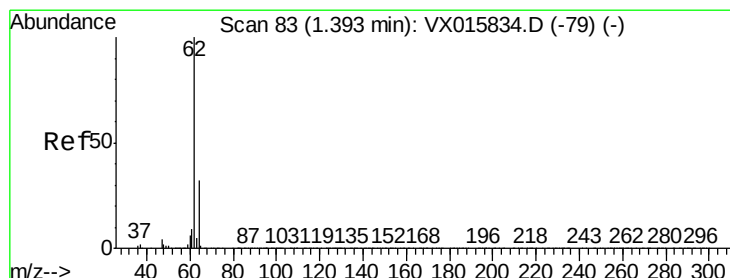
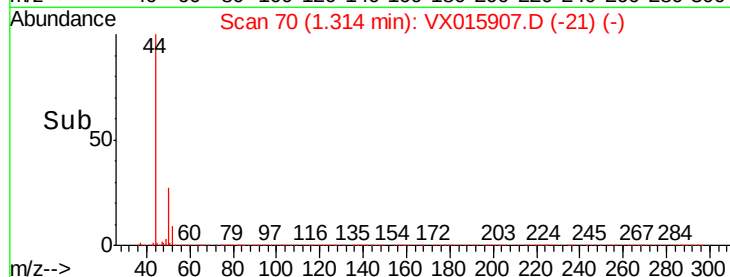
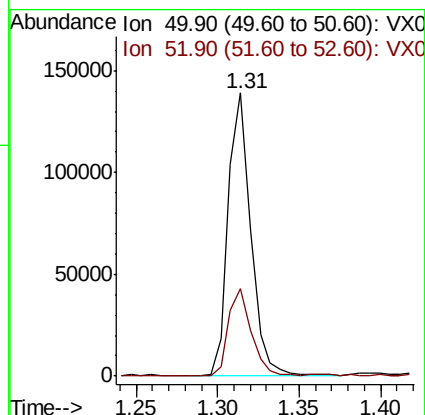
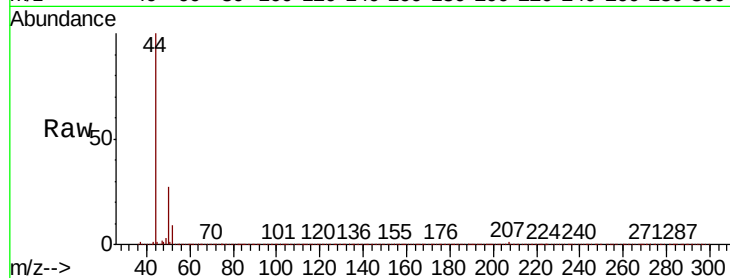
VX0423WBSD02

Tot Ion: 50 Resp: 133622

Ion Ratio Lower Upper

50 100

52 30.9 26.2 39.4



#4

Vinyl Chloride

Concen: 18.580 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015907.D

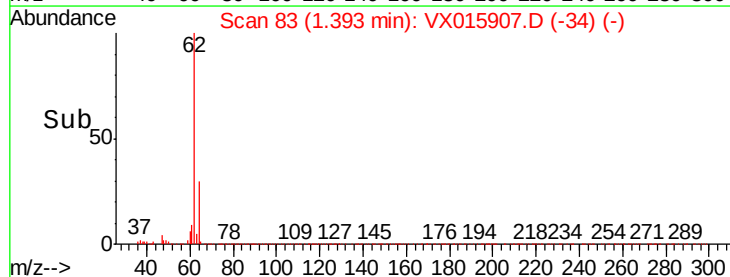
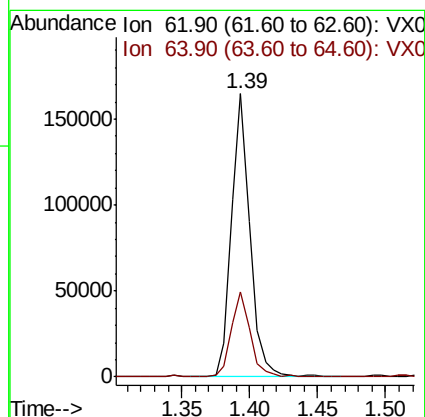
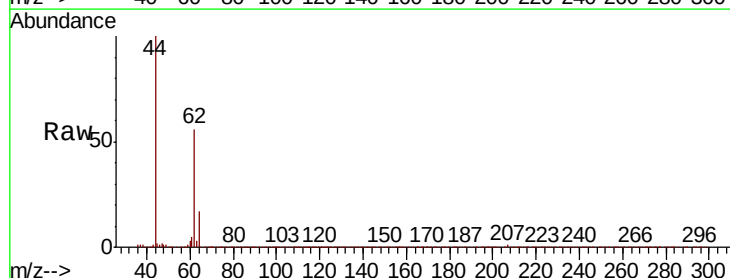
Acq: 23 Apr 2020 22:18

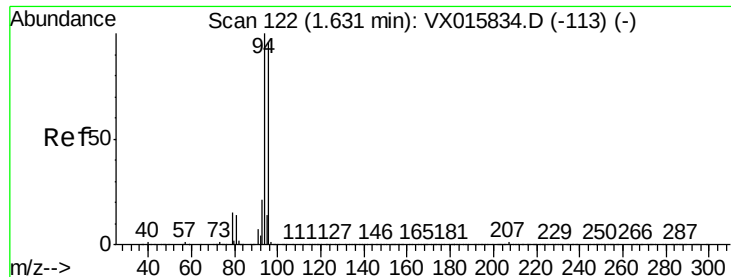
Tgt Ion: 62 Resp: 153132

Ion Ratio Lower Upper

62 100

64 30.0 25.4 38.2





#5

Bromomethane

Concen: 24.811 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Instrument :

MSVOA_X

ClientSampleId :

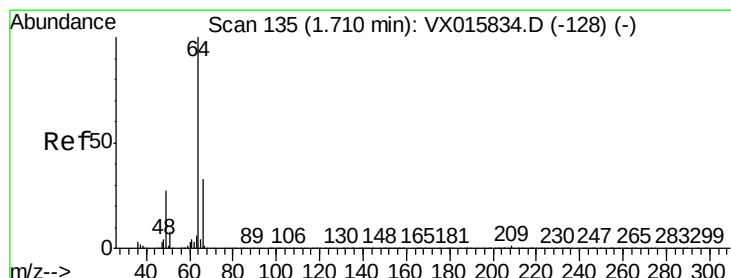
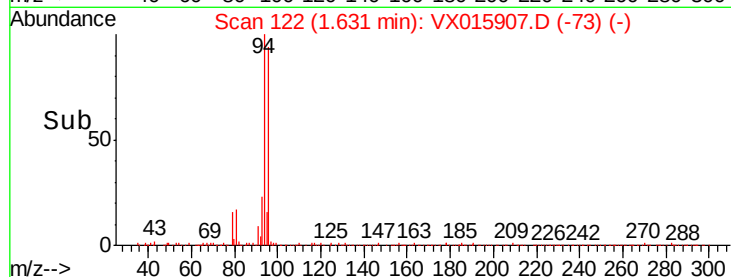
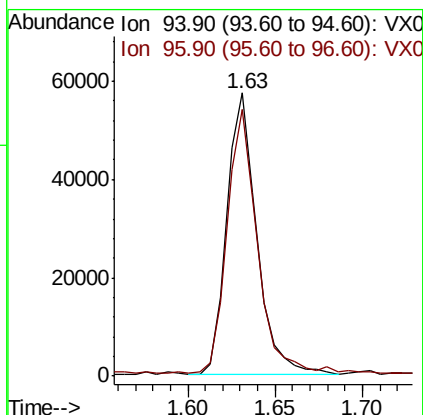
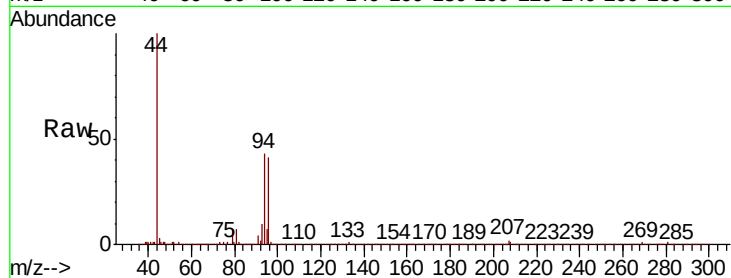
VX0423WBSD02

Tot Ion: 94 Resp: 68583

Ion Ratio Lower Upper

94 100

96 93.9 76.7 115.1



#6

Chloroethane

Concen: 19.562 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX015907.D

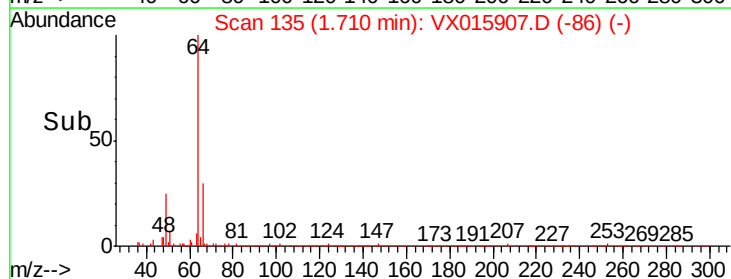
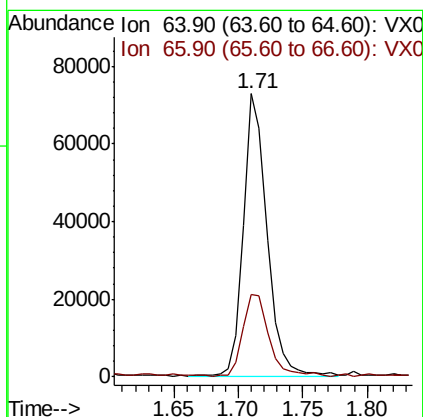
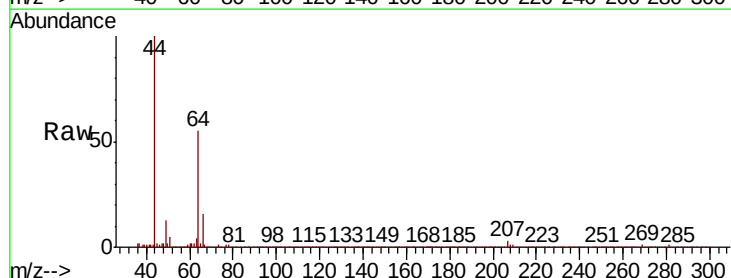
Acq: 23 Apr 2020 22:18

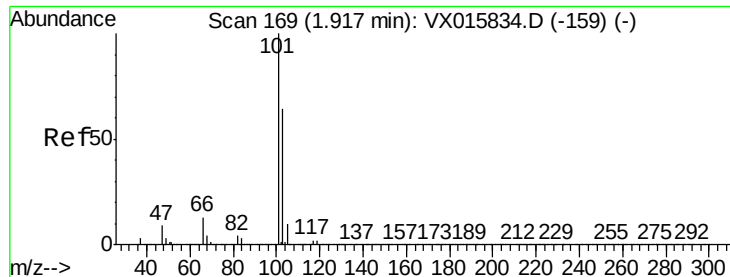
Tgt Ion: 64 Resp: 91873

Ion Ratio Lower Upper

64 100

66 28.8 26.2 39.2



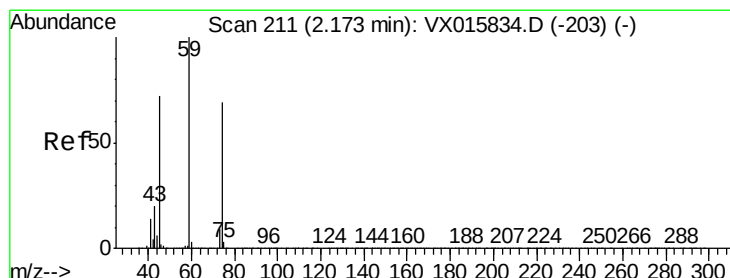
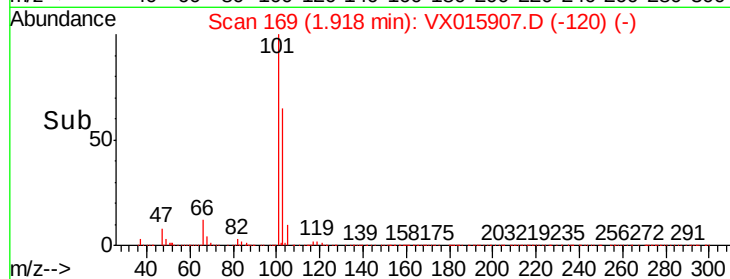
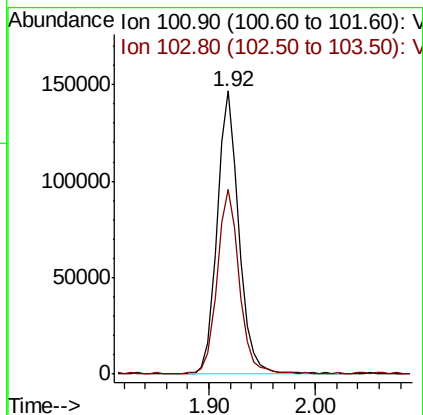
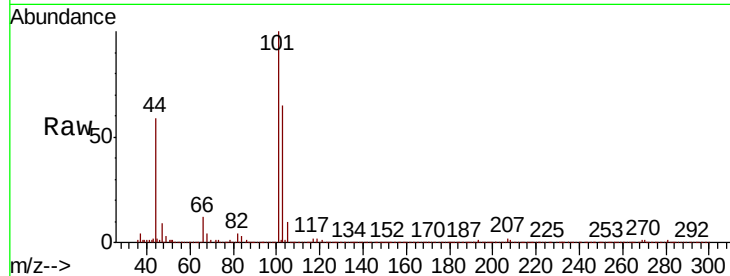


#7

Trichlorofluoromethane
 Concen: 20.068 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX015907.D
 Acq: 23 Apr 2020 22:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBSD02

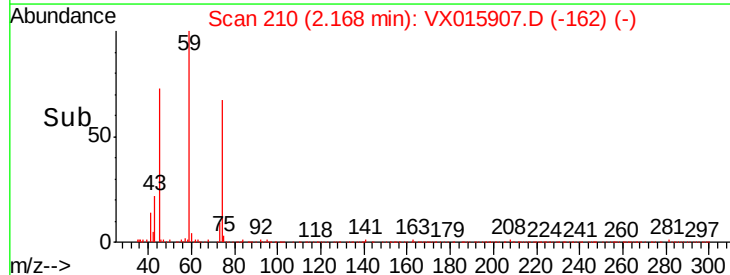
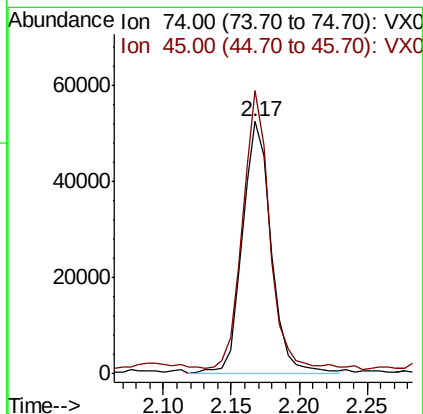
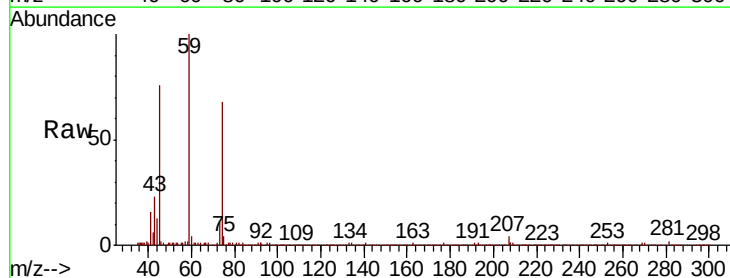
Tot Ion:101 Resp: 205202
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.4 77.0

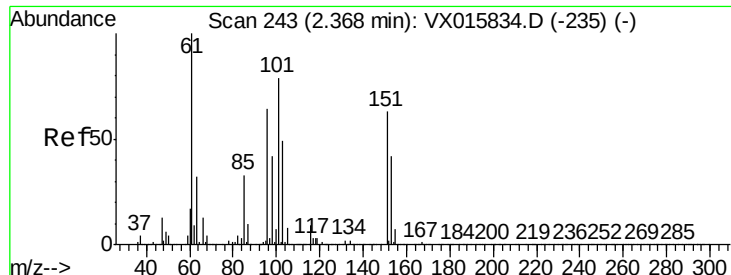


#8

Diethyl Ether
 Concen: 18.497 ug/l
 RT: 2.17 min Scan# 210
 Delta R.T. -0.01 min
 Lab File: VX015907.D
 Acq: 23 Apr 2020 22:18

Tgt Ion: 74 Resp: 76701
 Ion Ratio Lower Upper
 74 100
 45 104.8 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.628 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBSD02

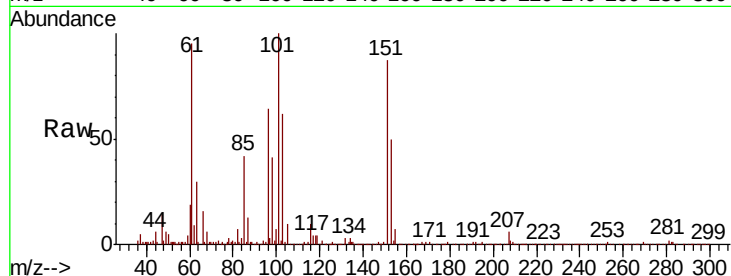
Tot Ion:101 Resp: 129214

Ion Ratio Lower Upper

101 100

85 42.2 33.8 50.6

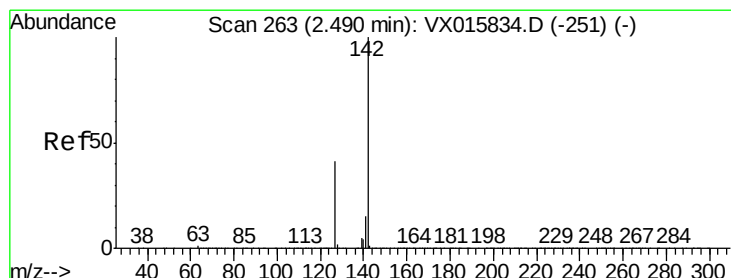
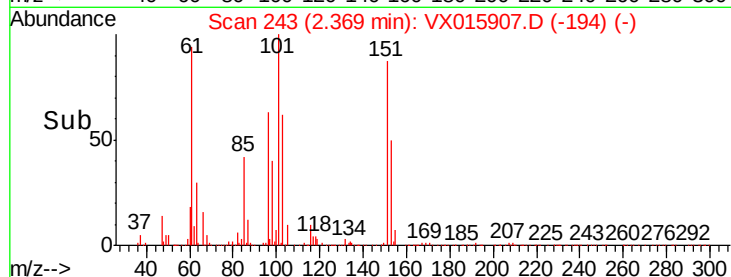
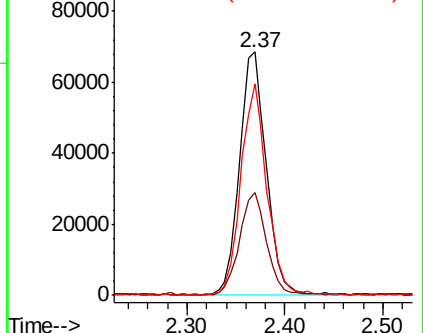
151 84.6 67.8 101.6



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: 17.520 ug/l

RT: 2.49 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

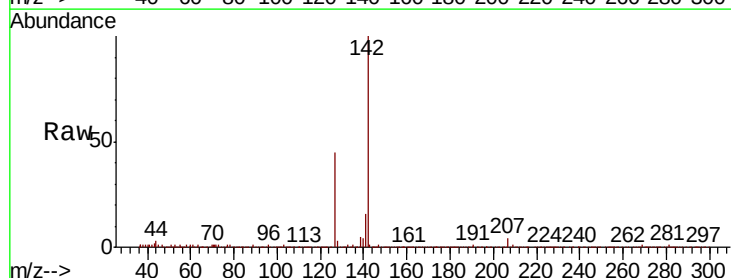
Tgt Ion:142 Resp: 150144

Ion Ratio Lower Upper

142 100

127 44.3 33.3 49.9

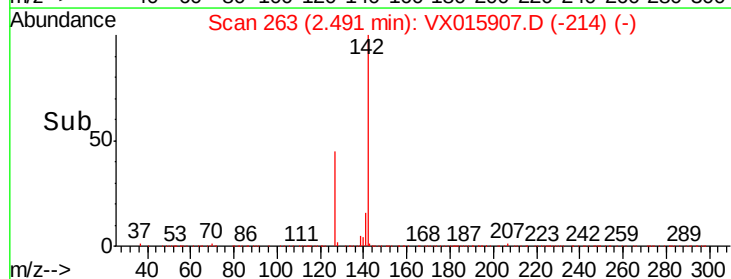
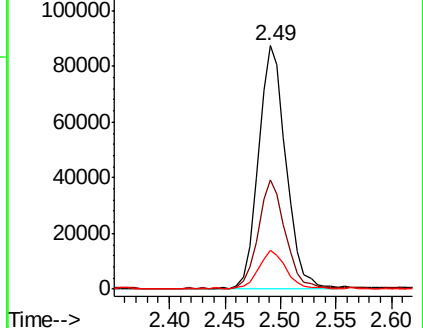
141 15.4 11.8 17.6

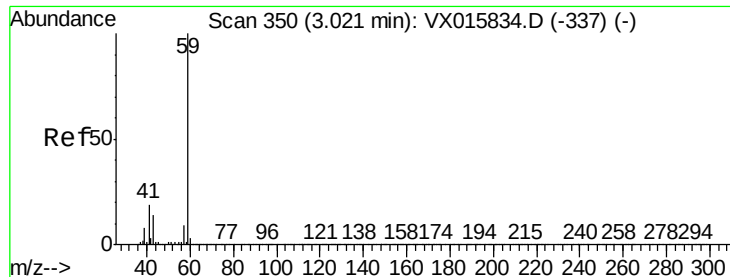


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



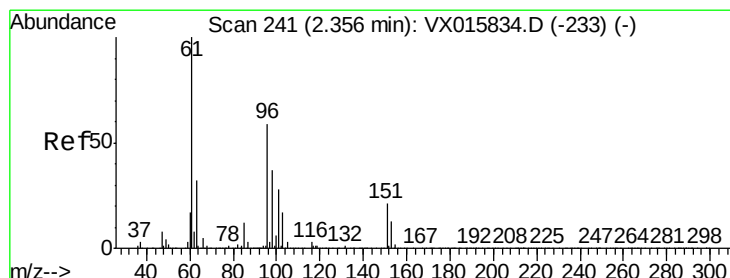
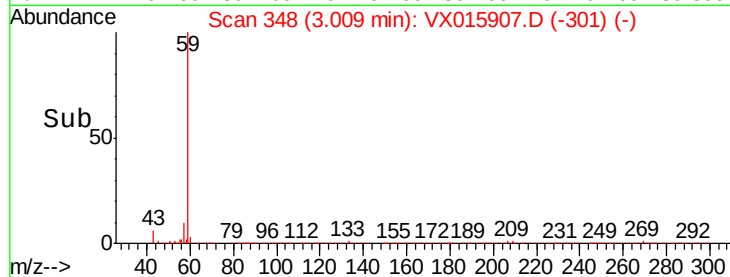
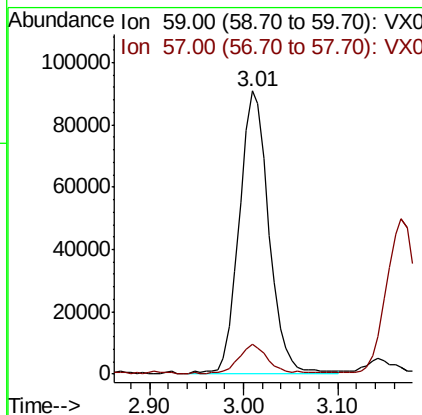
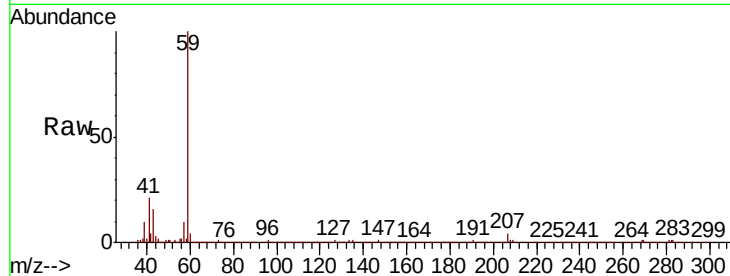


#11

Tert butyl alcohol
 Concen: 104.730 ug/l
 RT: 3.01 min Scan# 348
 Delta R.T. -0.01 min
 Lab File: VX015907.D
 Acq: 23 Apr 2020 22:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBSD02

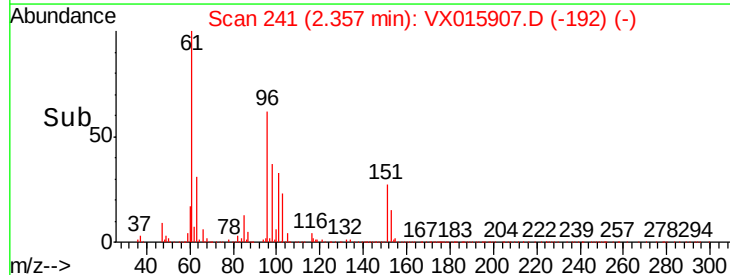
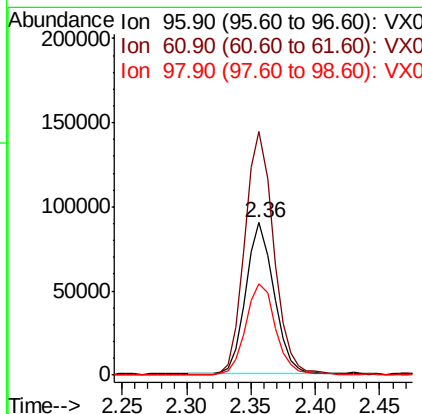
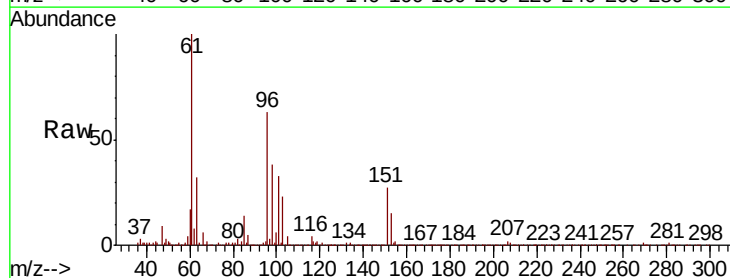
Tot Ion: 59 Resp: 197672
 Ion Ratio Lower Upper
 59 100
 57 11.0 8.2 12.2

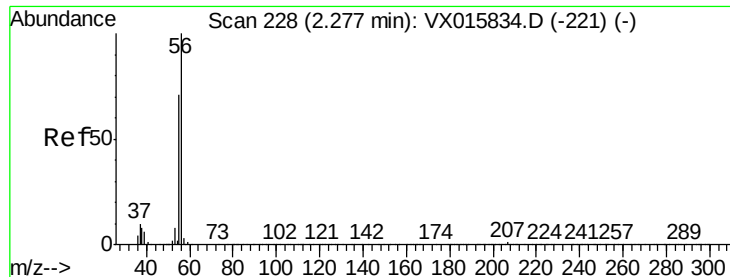


#12

1,1-Dichloroethene
 Concen: 19.130 ug/l
 RT: 2.36 min Scan# 241
 Delta R.T. 0.00 min
 Lab File: VX015907.D
 Acq: 23 Apr 2020 22:18

Tgt Ion: 96 Resp: 136090
 Ion Ratio Lower Upper
 96 100
 61 160.6 135.0 202.6
 98 60.1 50.6 76.0





#13

Acrolein

Concen: 79.014 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.01 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Instrument :

MSVOA_X

ClientSampleId :

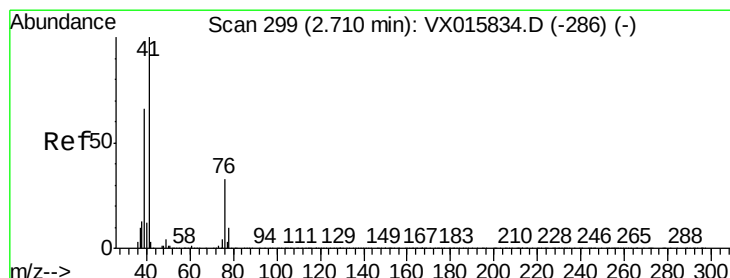
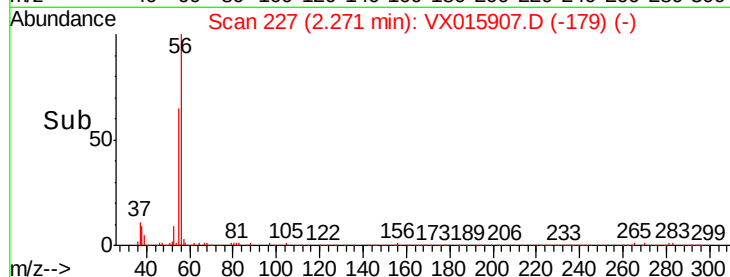
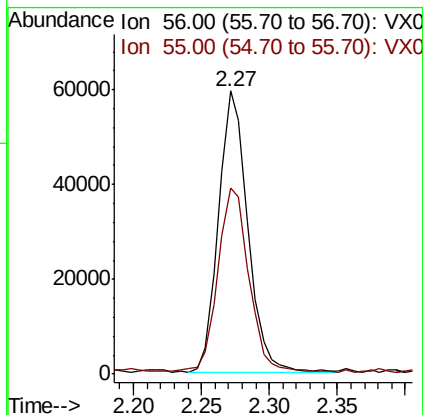
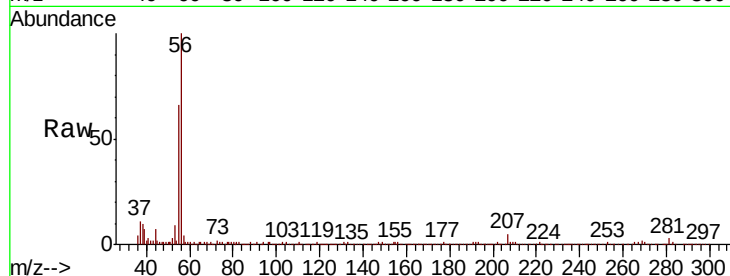
VX0423WBSD02

Tot Ion: 56 Resp: 88242

Ion Ratio Lower Upper

56 100

55 69.2 56.1 84.1



#14

Allyl chloride

Concen: 18.874 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.00 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

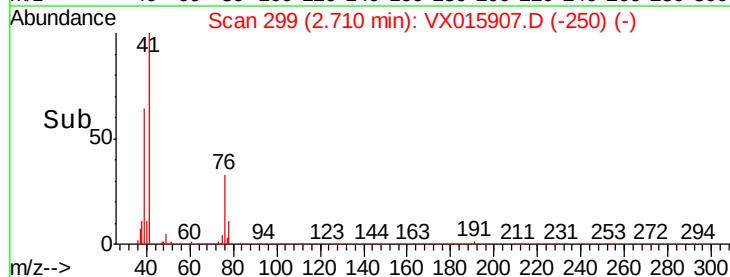
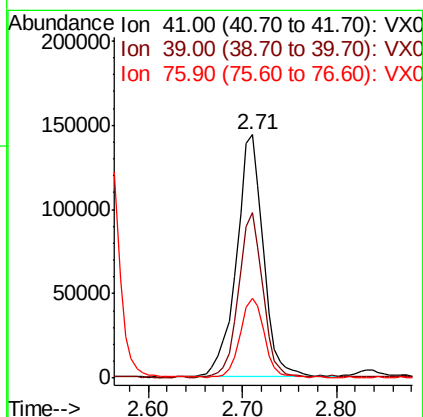
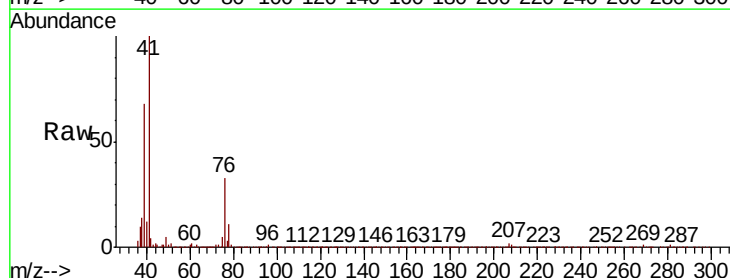
Tgt Ion: 41 Resp: 285320

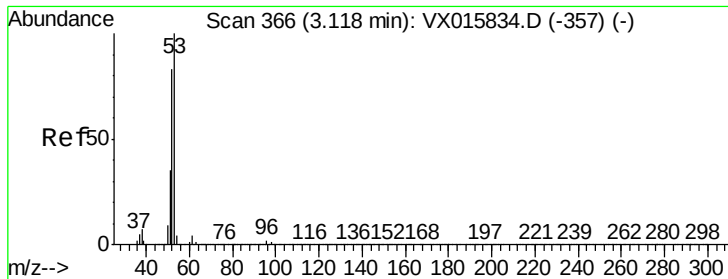
Ion Ratio Lower Upper

41 100

39 61.6 48.4 72.6

76 29.3 23.8 35.8





#15

Acrylonitrile

Concen: 103.310 ug/l

RT: 3.12 min Scan# 366

Delta R.T. 0.00 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBSD02

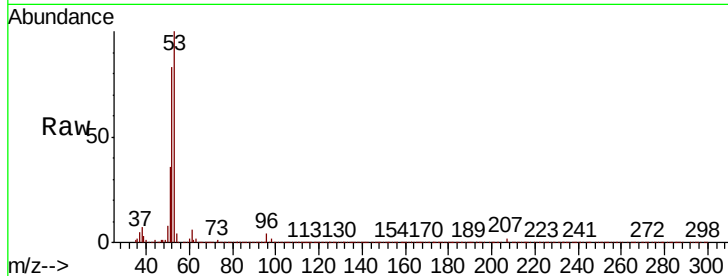
Tot Ion: 53 Resp: 452606

Ion Ratio Lower Upper

53 100

52 82.6 66.2 99.4

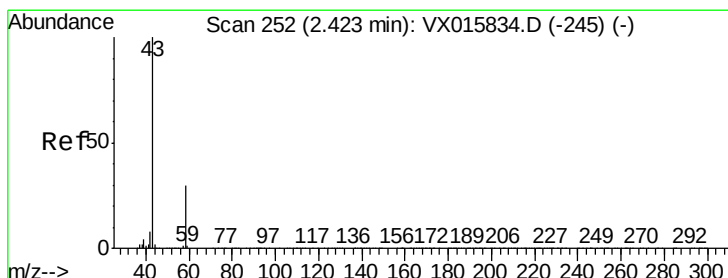
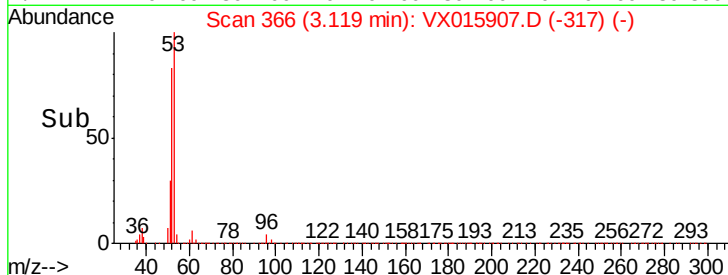
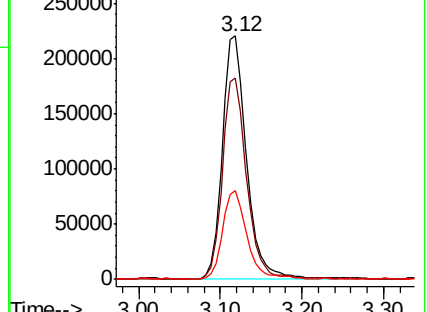
51 36.4 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 94.048 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.01 min

Lab File: VX015907.D

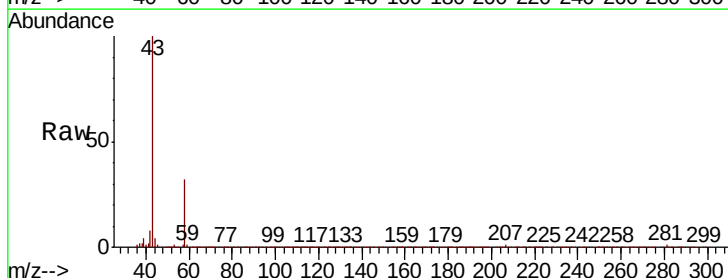
Acq: 23 Apr 2020 22:18

Tgt Ion: 43 Resp: 378292

Ion Ratio Lower Upper

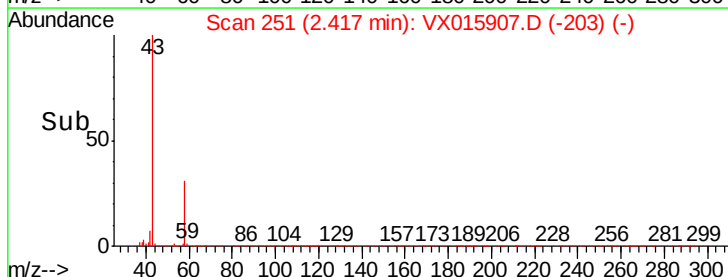
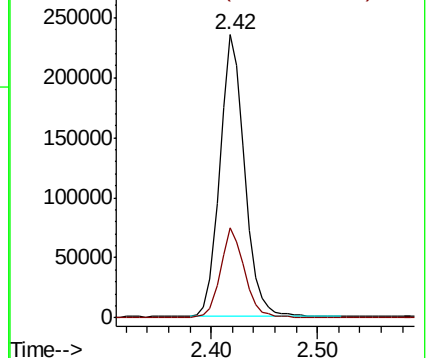
43 100

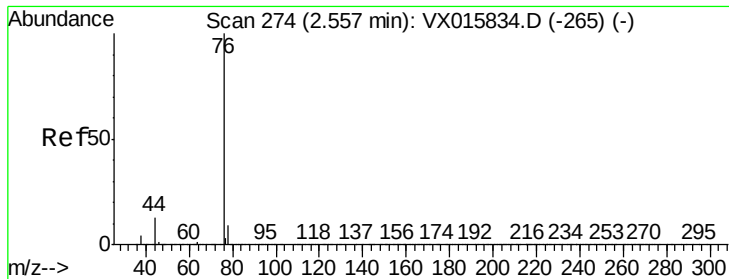
58 31.6 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 14.244 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Instrument :

MSVOA_X

ClientSampleId :

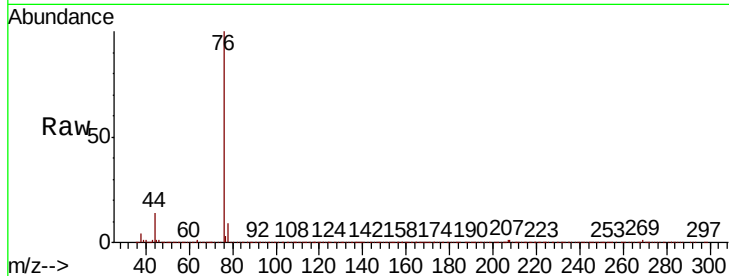
VX0423WBSD02

Tot Ion: 76 Resp: 367993

Ion Ratio Lower Upper

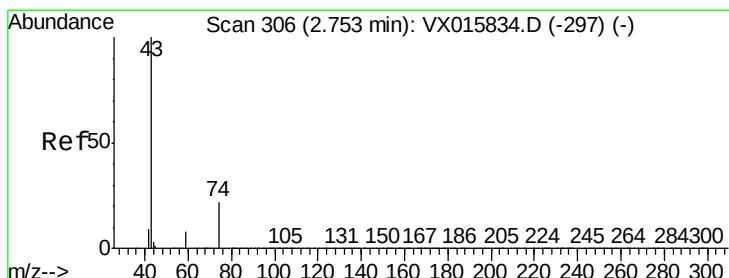
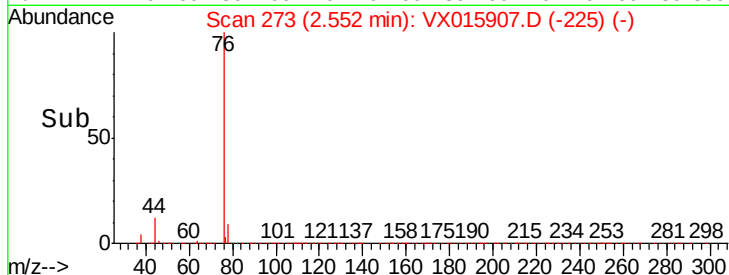
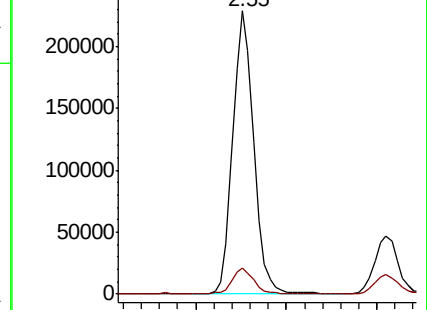
76 100

78 8.8 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 21.945 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015907.D

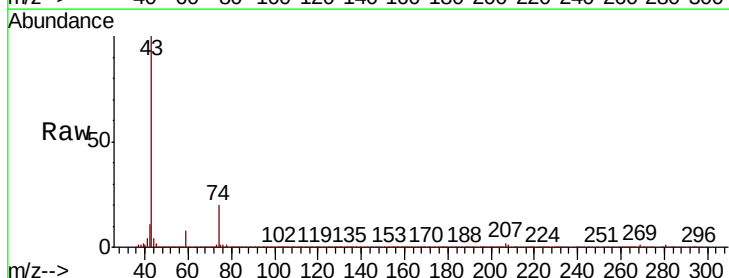
Acq: 23 Apr 2020 22:18

Tgt Ion: 43 Resp: 291409

Ion Ratio Lower Upper

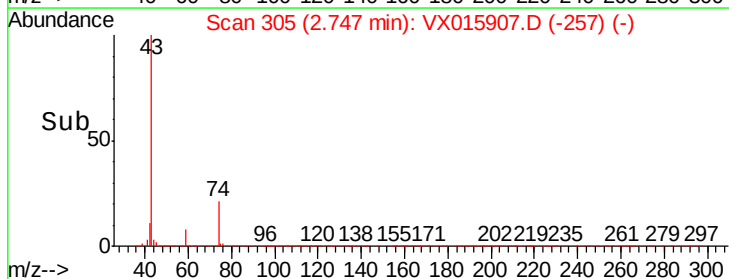
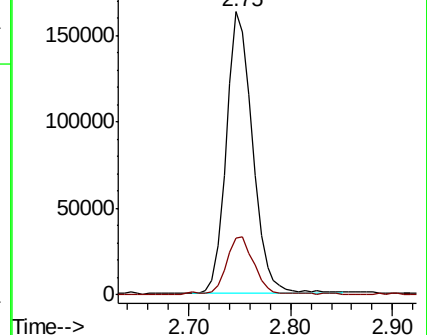
43 100

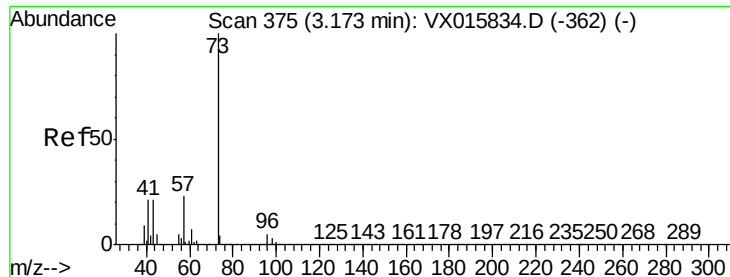
74 20.5 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



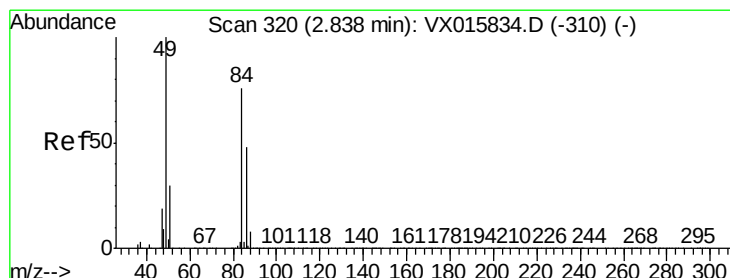
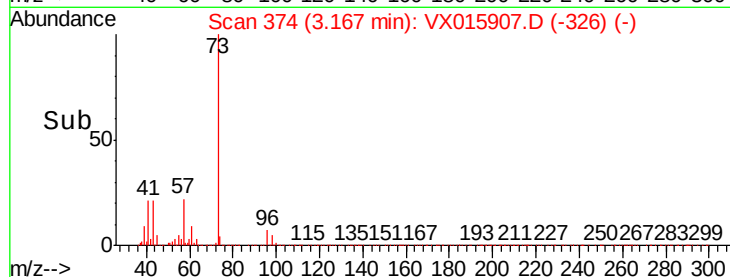
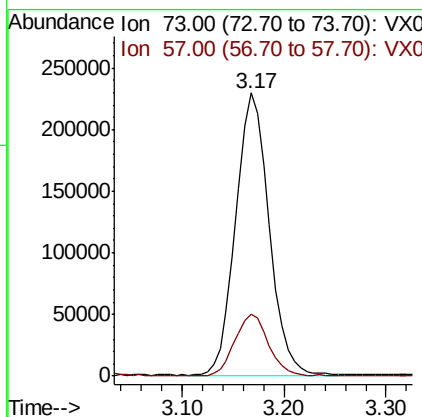
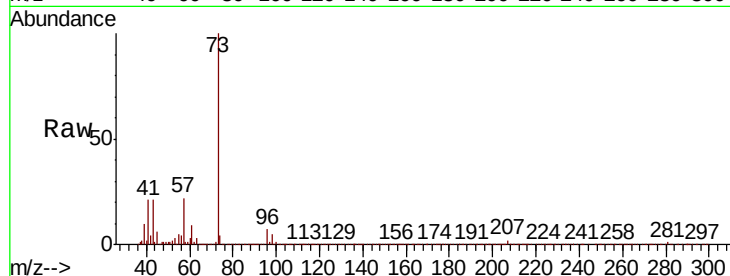


#19

Methyl tert-butyl Ether
 Concen: 20.675 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. -0.01 min
 Lab File: VX015907.D
 Acq: 23 Apr 2020 22:18

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0423WBSD02

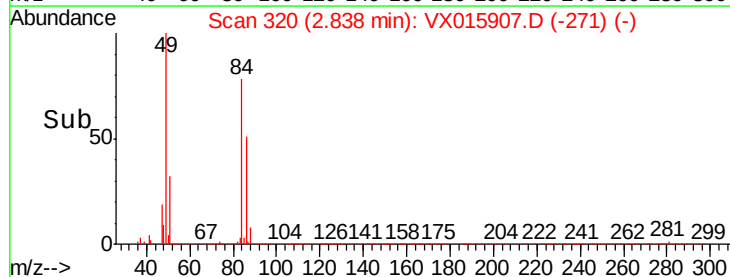
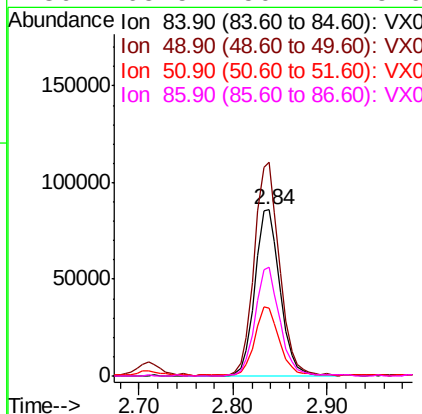
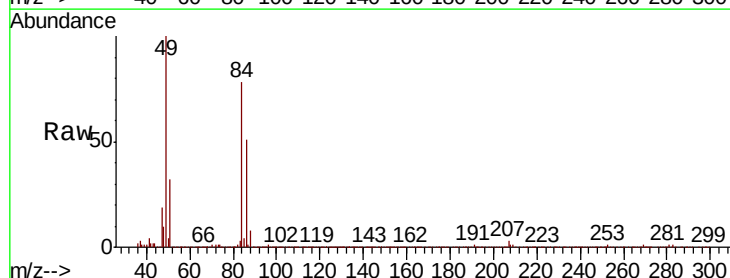
Tot Ion: 73 Resp: 519239
 Ion Ratio Lower Upper
 73 100
 57 21.6 18.1 27.1

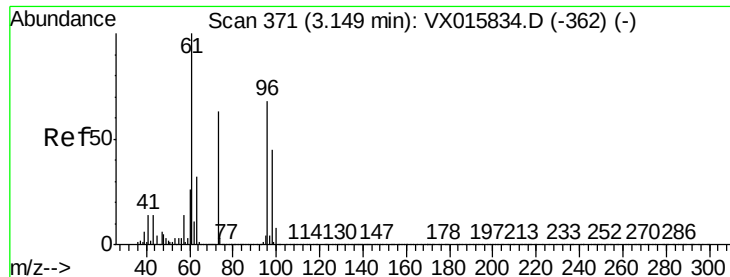


#20

Methylene Chloride
 Concen: 20.035 ug/l
 RT: 2.84 min Scan# 320
 Delta R.T. 0.00 min
 Lab File: VX015907.D
 Acq: 23 Apr 2020 22:18

Tgt Ion: 84 Resp: 163600
 Ion Ratio Lower Upper
 84 100
 49 128.6 104.9 157.3
 51 41.1 32.0 48.0
 86 65.5 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 19.548 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.01 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBSD02

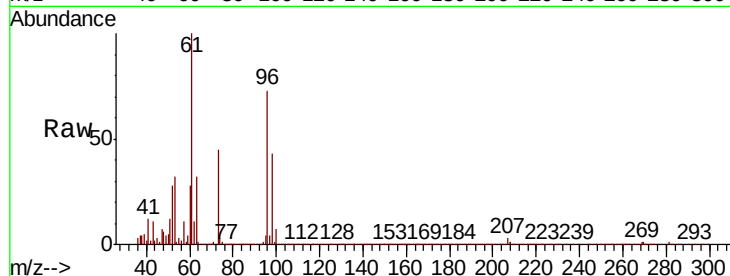
Tot Ion: 96 Resp: 154297

Ion Ratio Lower Upper

96 100

61 137.9 117.5 176.3

98 59.4 52.7 79.1

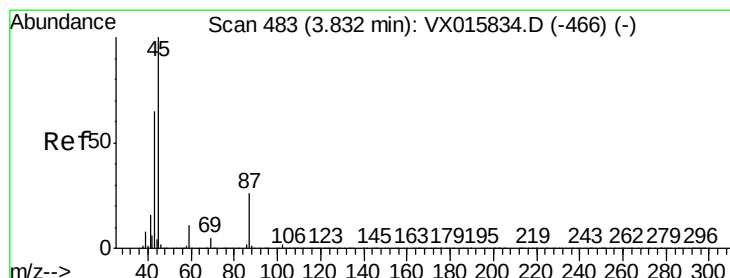
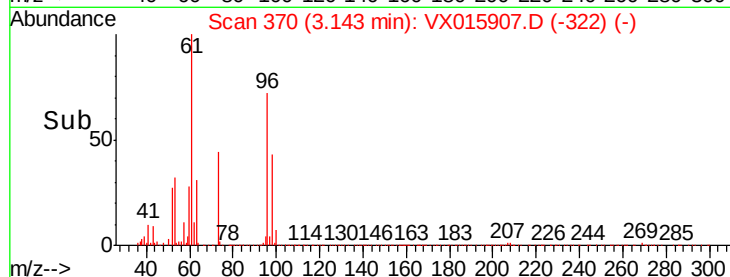
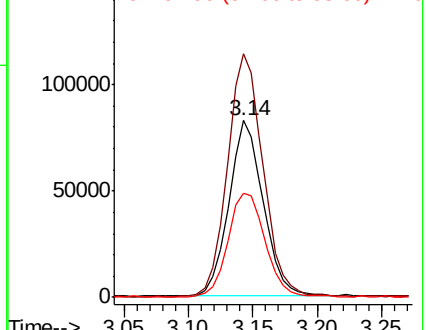


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.518 ug/l

RT: 3.83 min Scan# 482

Delta R.T. -0.01 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Tgt Ion: 45 Resp: 559062

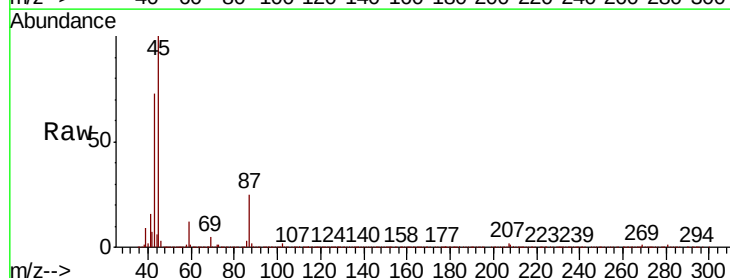
Ion Ratio Lower Upper

45 100

43 72.2 52.4 78.6

87 24.8 20.7 31.1

59 11.4 8.6 12.8



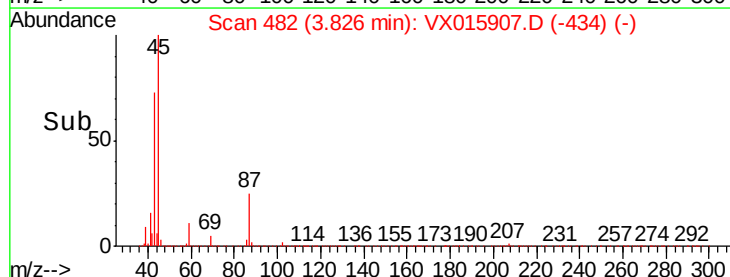
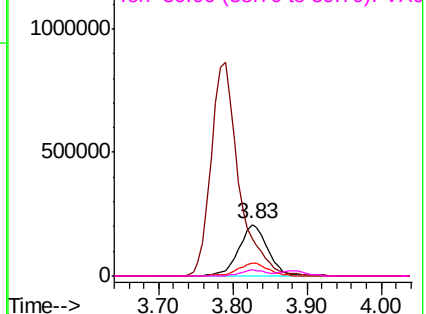
Abundance

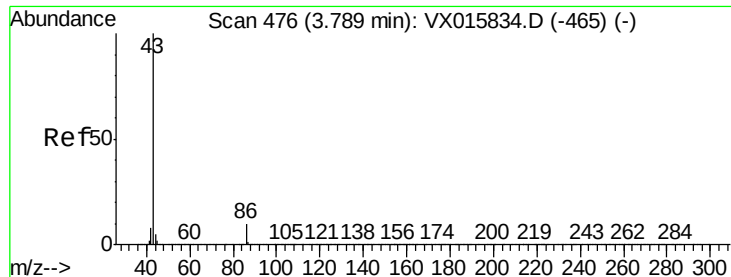
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 99.693 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Instrument :

MSVOA_X

ClientSampleId :

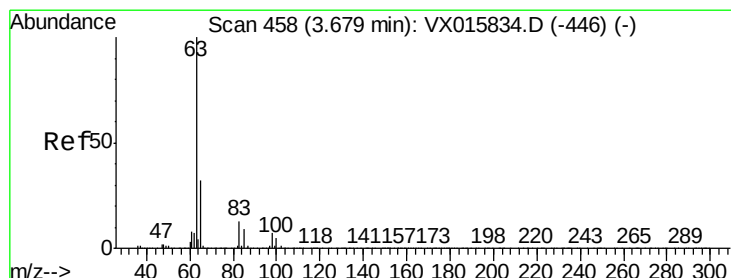
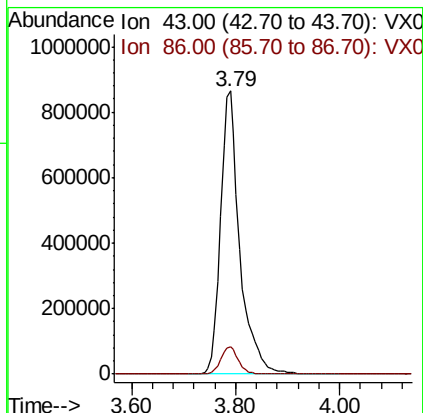
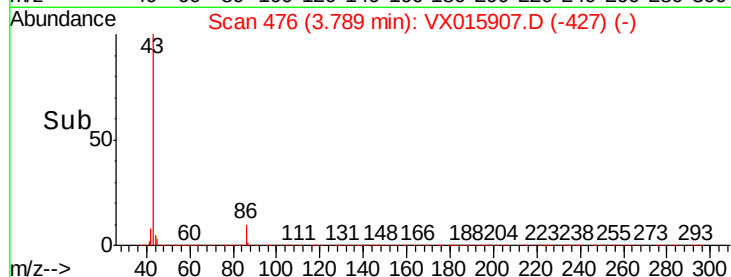
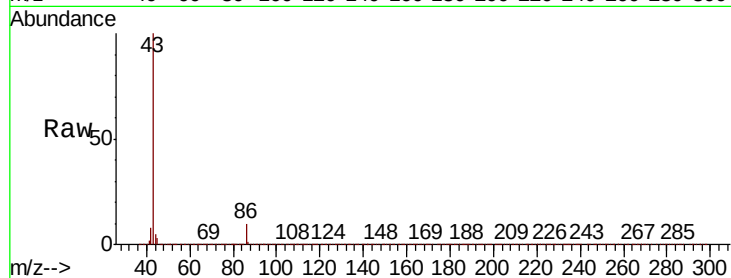
VX0423WBSD02

Tot Ion: 43 Resp: 2248156

Ion Ratio Lower Upper

43 100

86 9.6 8.0 12.0



#24

1,1-Dichloroethane

Concen: 20.199 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.01 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

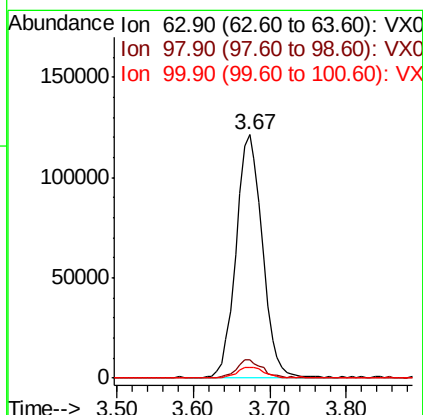
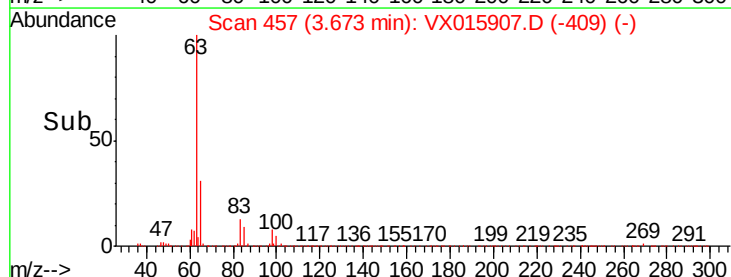
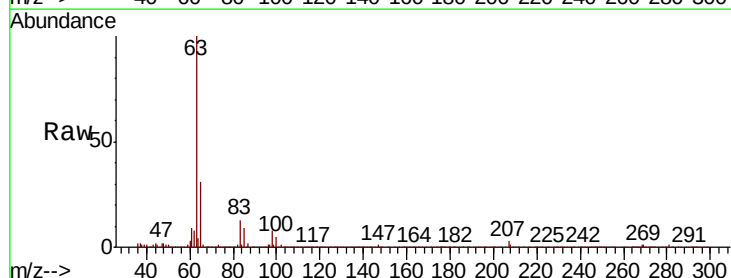
Tgt Ion: 63 Resp: 286862

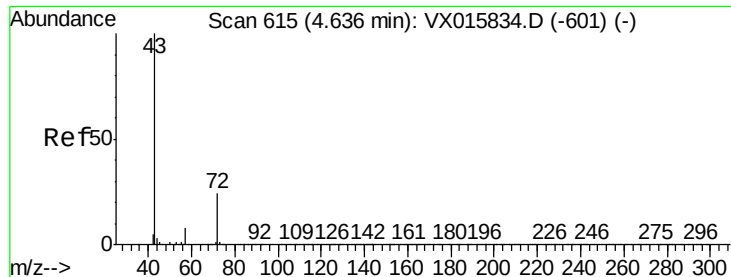
Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.4

100 4.6 2.3 6.8





#25

2-Butanone

Concen: 102.827 ug/l

RT: 4.64 min Scan# 615

Delta R.T. 0.00 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Instrument :

MSVOA_X

ClientSampleId :

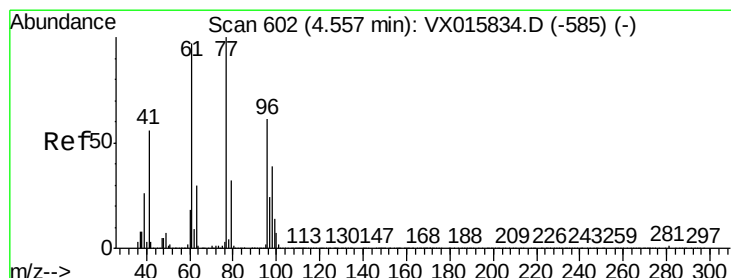
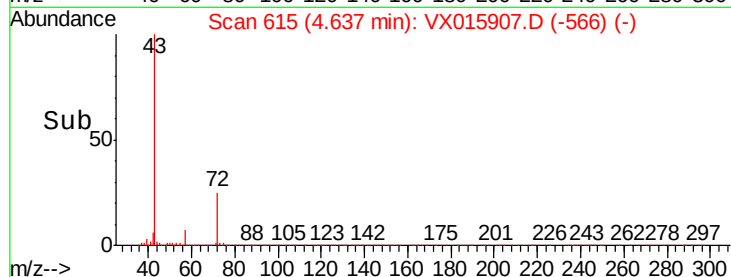
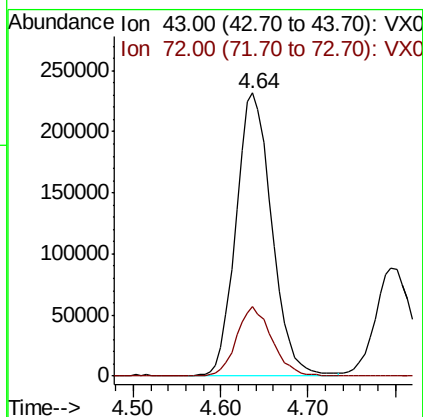
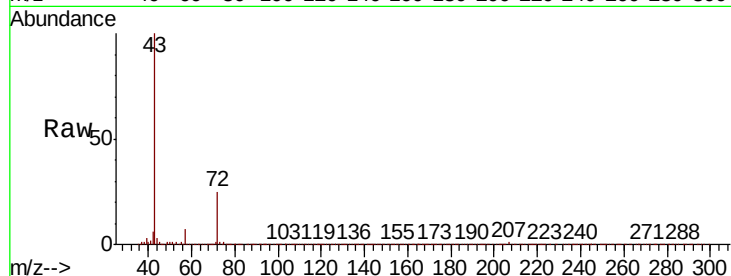
VX0423WBSD02

Tot Ion: 43 Resp: 653741

Ion Ratio Lower Upper

43 100

72 24.5 19.4 29.2



#26

2,2-Dichloropropane

Concen: 16.810 ug/l

RT: 4.56 min Scan# 602

Delta R.T. 0.00 min

Lab File: VX015907.D

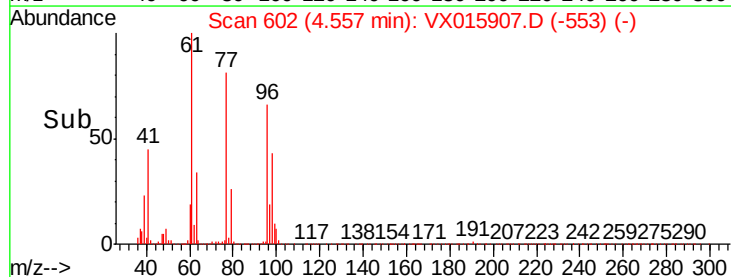
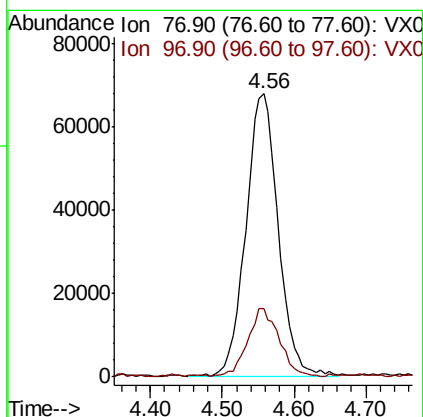
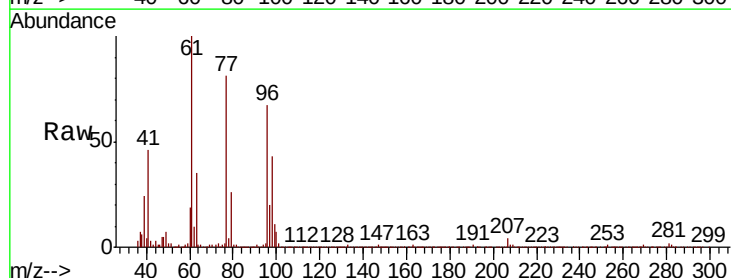
Acq: 23 Apr 2020 22:18

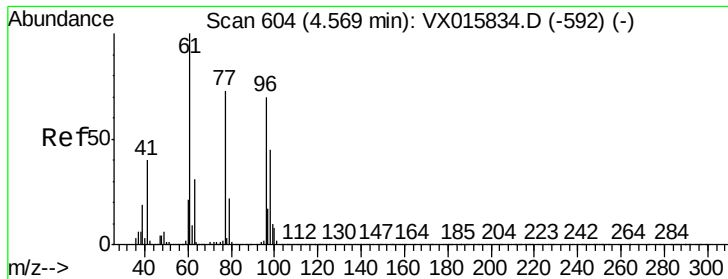
Tgt Ion: 77 Resp: 213248

Ion Ratio Lower Upper

77 100

97 23.5 11.4 34.1



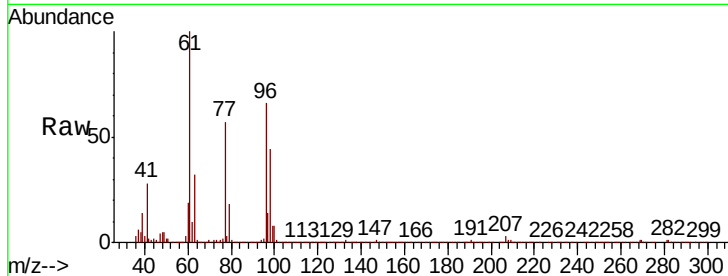


#27

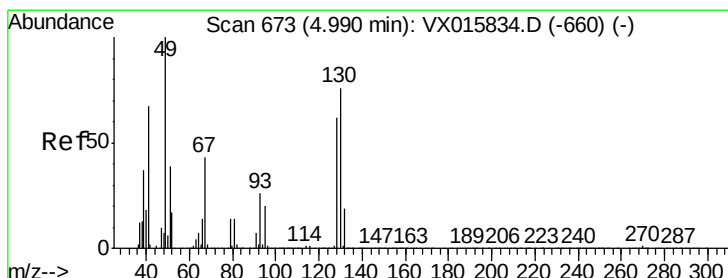
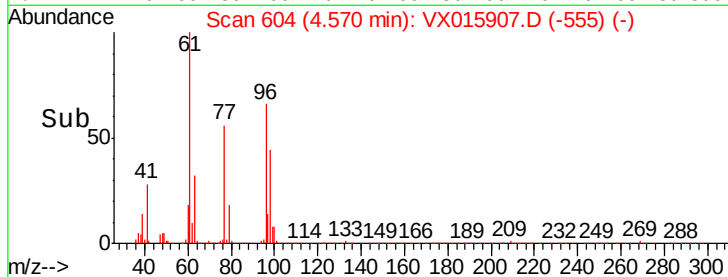
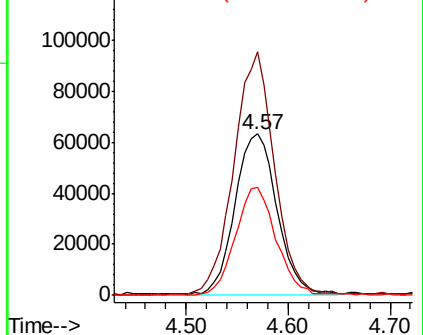
cis-1,2-Dichloroethene
Concen: 20.116 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.4	0.0	299.4
98	65.0	0.0	129.6



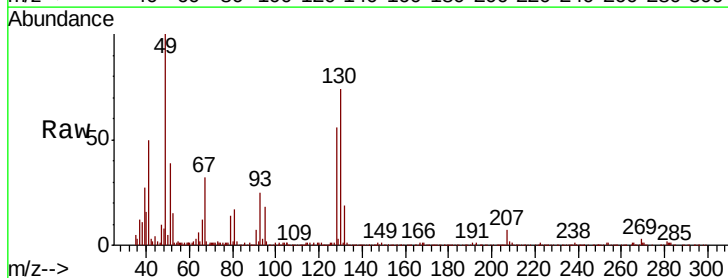
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



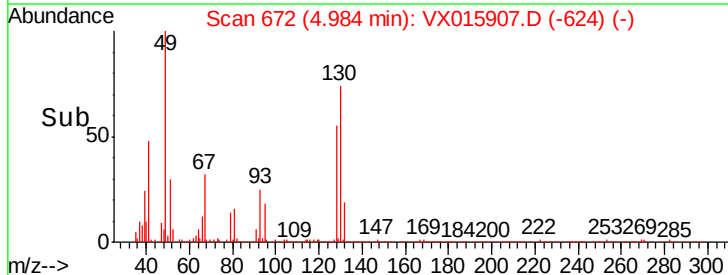
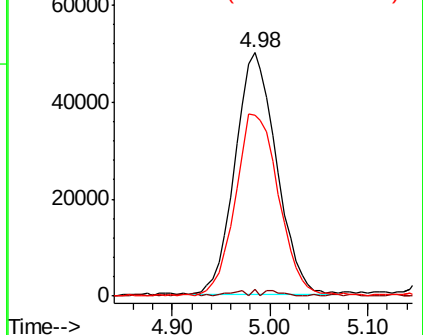
#28

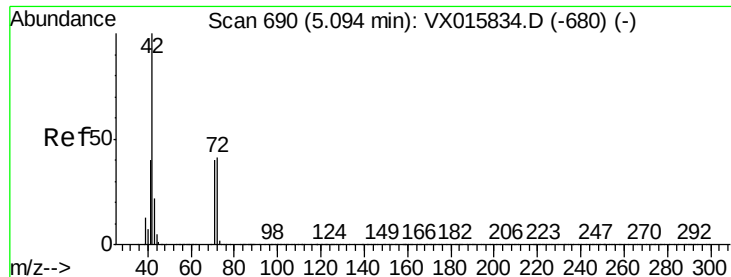
Bromochloromethane
Concen: 19.588 ug/l
RT: 4.98 min Scan# 672
Delta R.T. -0.01 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.3	0.0	1.8
130	79.6	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: 103.037 ug/l

RT: 5.09 min Scan# 690

Delta R.T. 0.00 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBSD02

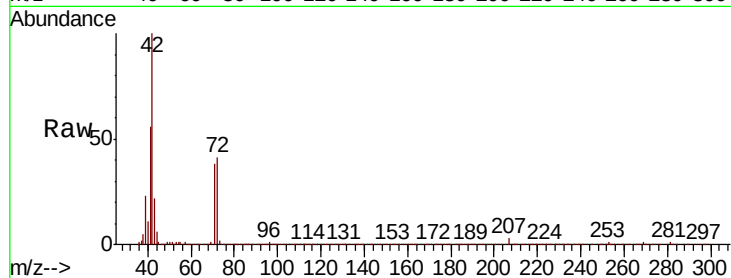
Tot Ion: 42 Resp: 433291

Ion Ratio Lower Upper

42 100

72 40.9 33.0 49.6

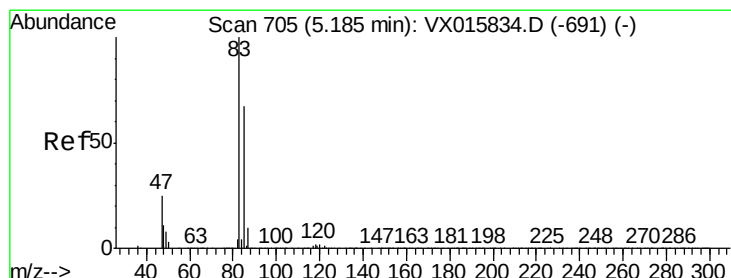
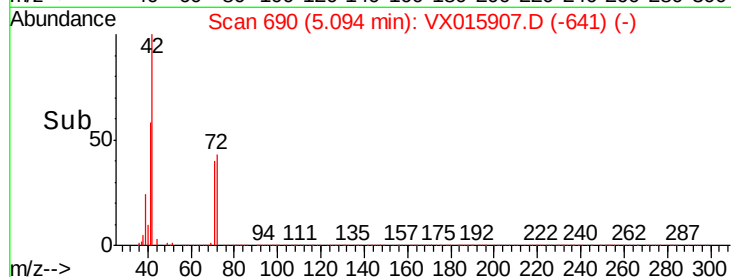
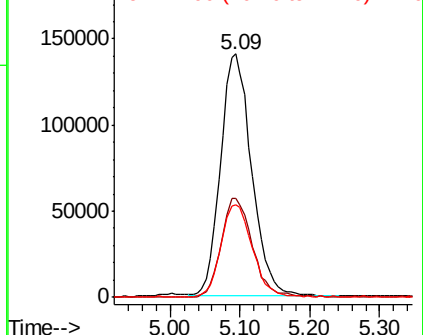
71 38.9 30.6 45.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.801 ug/l

RT: 5.18 min Scan# 704

Delta R.T. -0.01 min

Lab File: VX015907.D

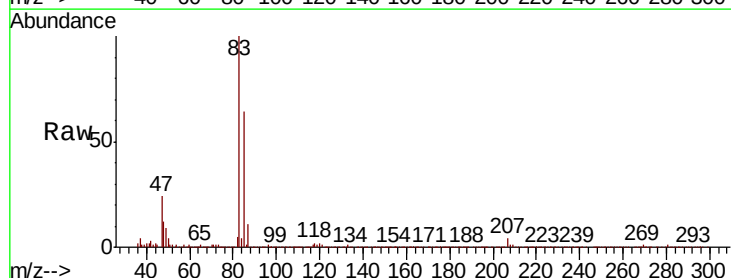
Acq: 23 Apr 2020 22:18

Tgt Ion: 83 Resp: 282932

Ion Ratio Lower Upper

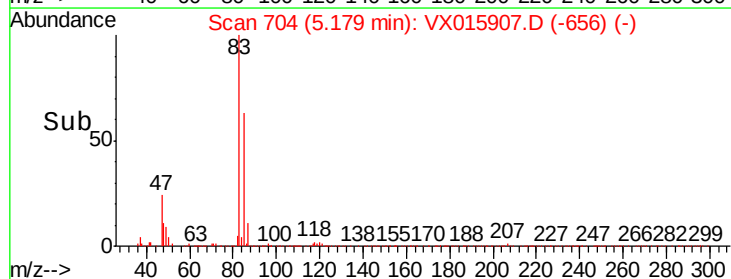
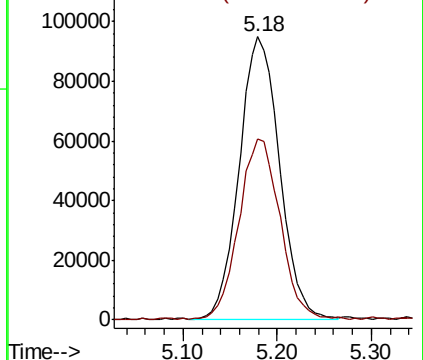
83 100

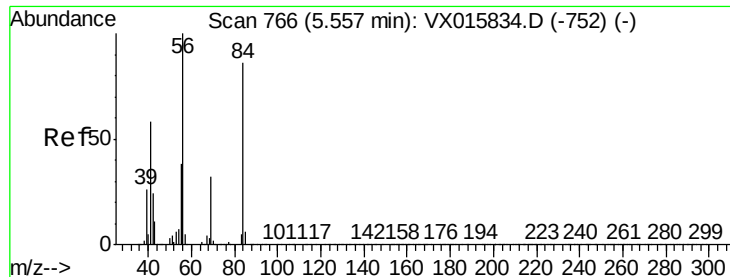
85 63.7 53.4 80.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 19.525 ug/l

RT: 5.55 min Scan# 765

Delta R.T. -0.01 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBSD02

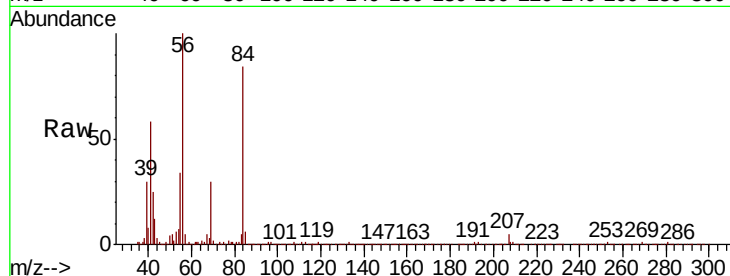
Tot Ion: 56 Resp: 263514

Ion Ratio Lower Upper

56 100

69 29.9 25.3 37.9

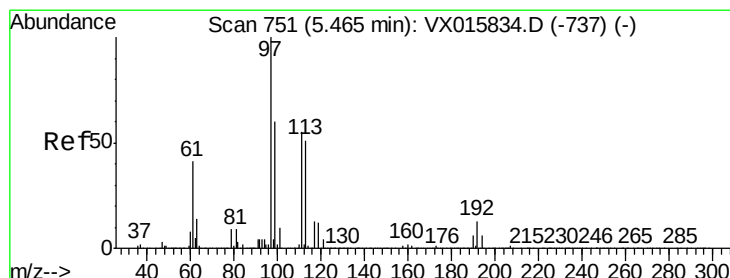
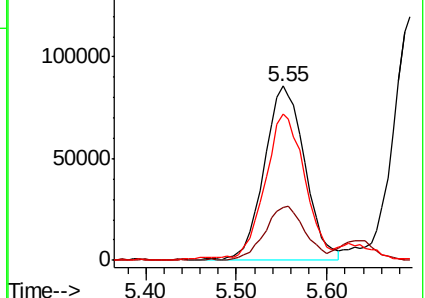
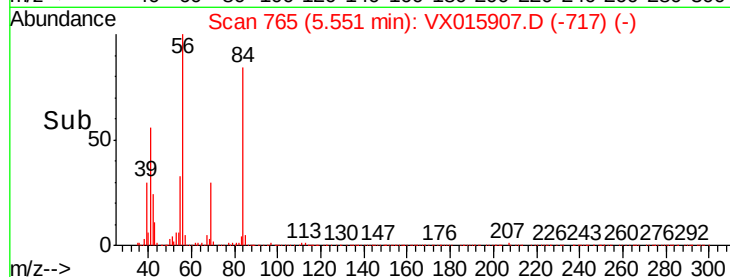
84 83.4 69.1 103.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 20.491 ug/l

RT: 5.47 min Scan# 751

Delta R.T. 0.00 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

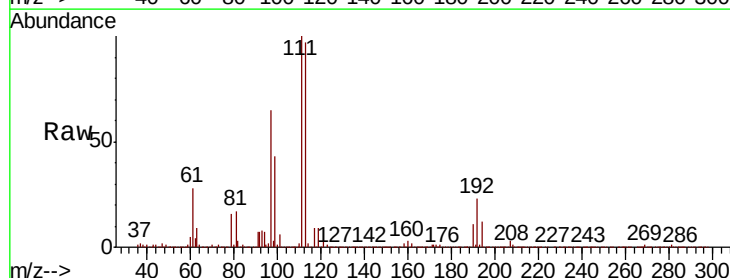
Tgt Ion: 97 Resp: 261045

Ion Ratio Lower Upper

97 100

99 64.6 51.2 76.8

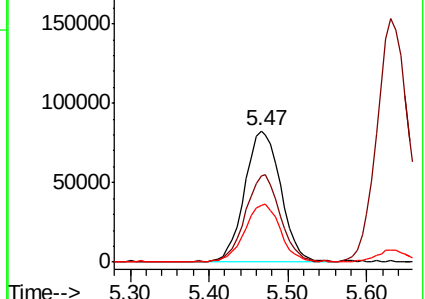
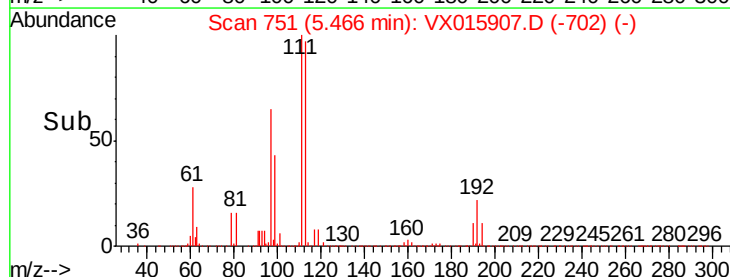
61 44.3 34.1 51.1

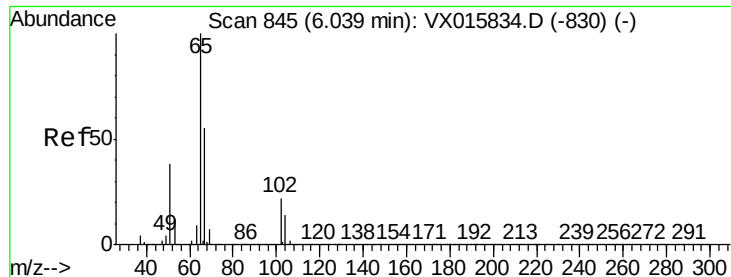


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

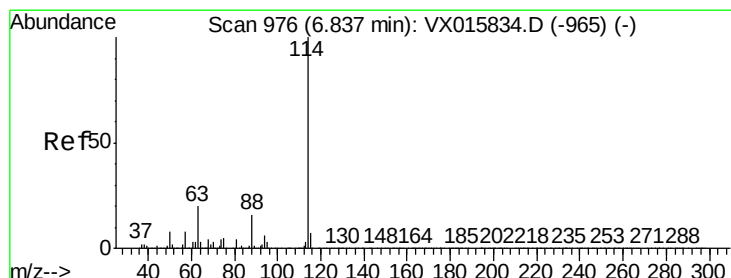
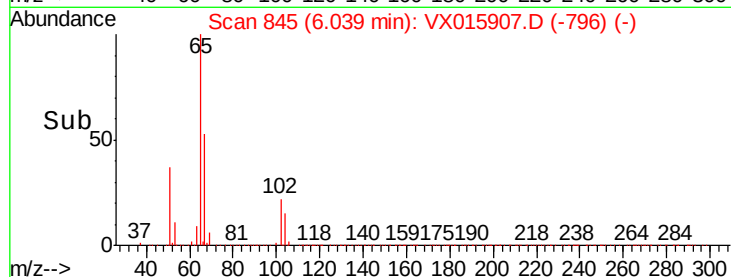
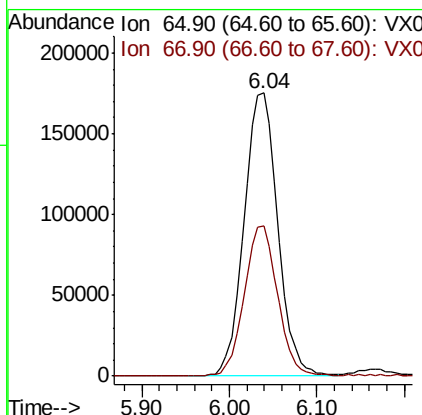
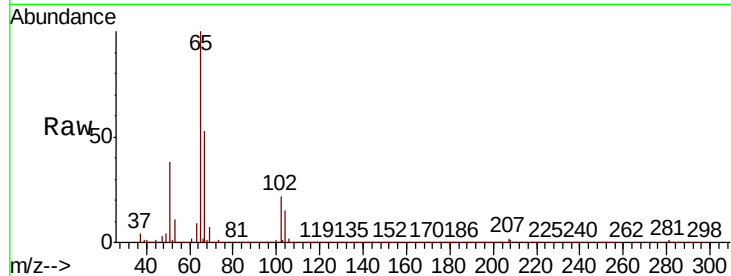




#33
 1,2-Dichloroethane-d4
 Concen: 50.599 ug/l
 RT: 6.04 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: VX015907.D
 Acq: 23 Apr 2020 22:18

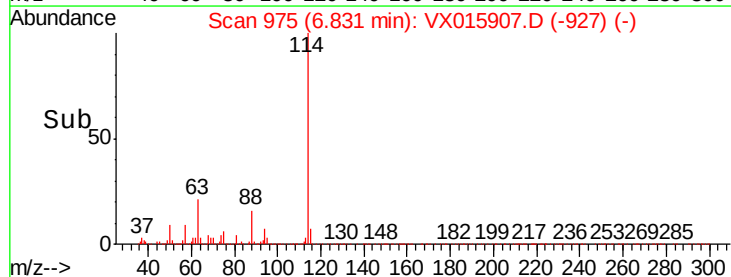
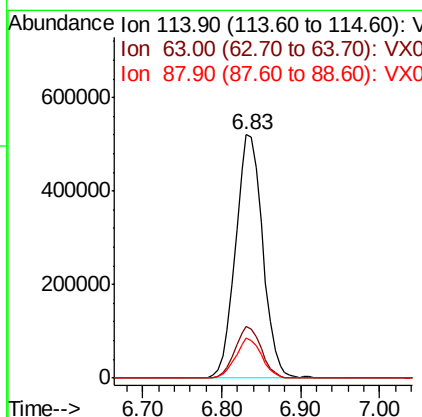
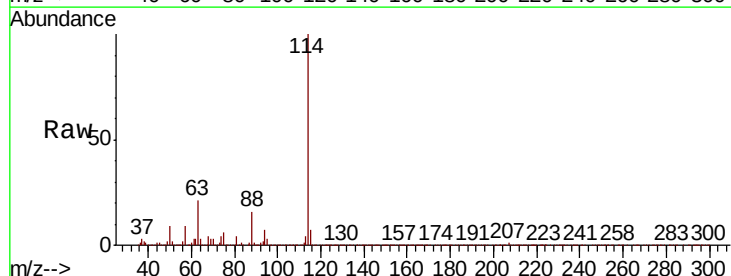
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBSD02

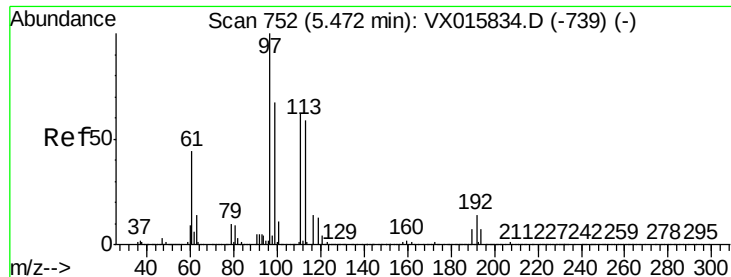
Tot Ion: 65 Resp: 467422
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015907.D
 Acq: 23 Apr 2020 22:18

Tgt Ion: 114 Resp: 1245941
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 40.6
 88 16.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.512 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Instrument :

MSVOA_X

ClientSampled :

VX0423WBSD02

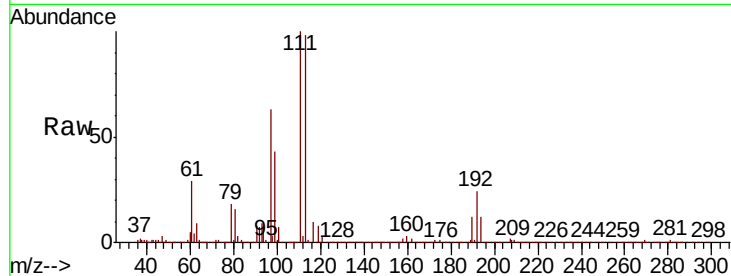
Tot Ion:113 Resp: 356084

Ion Ratio Lower Upper

113 100

111 102.7 82.7 124.1

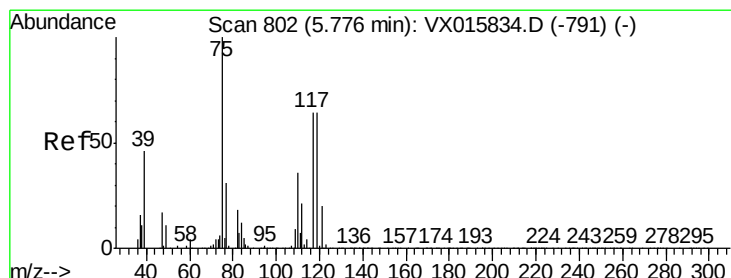
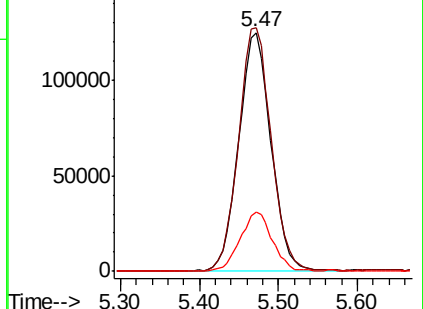
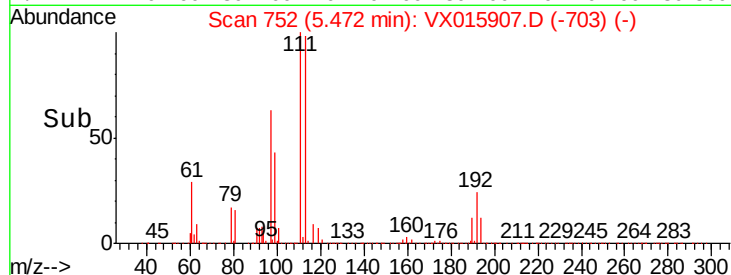
192 24.9 19.3 28.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.419 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.01 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

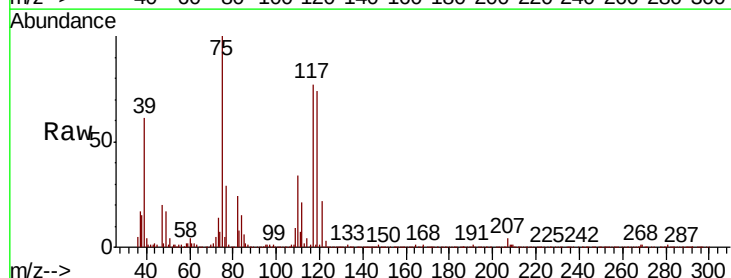
Tgt Ion: 75 Resp: 214493

Ion Ratio Lower Upper

75 100

110 36.1 17.9 53.8

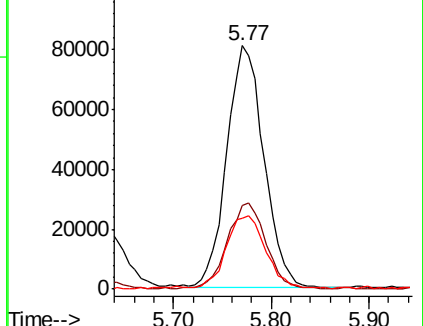
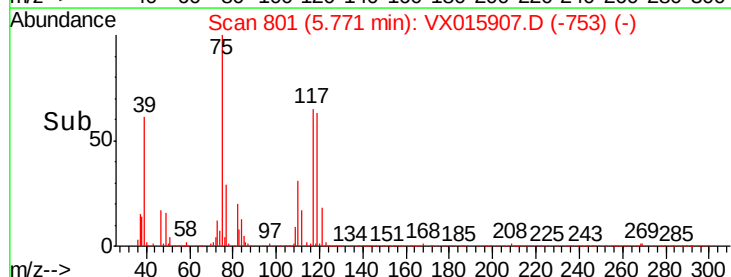
77 30.8 24.5 36.7

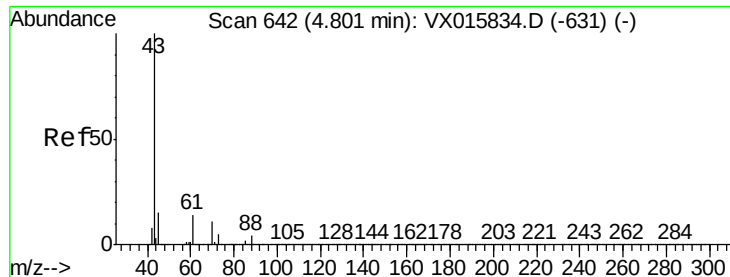


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

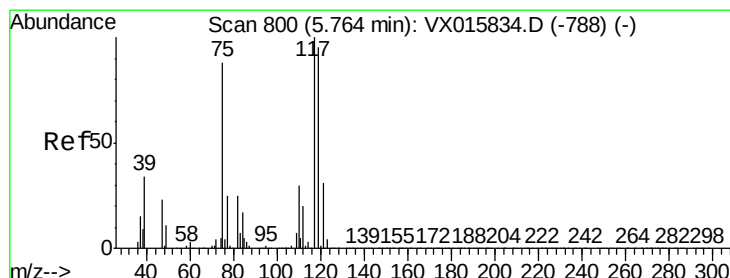
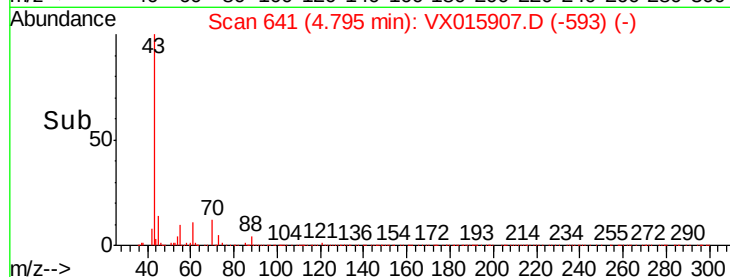
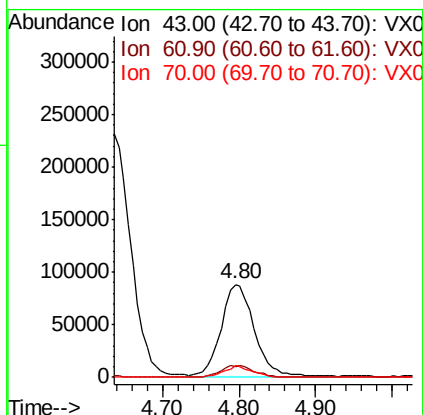
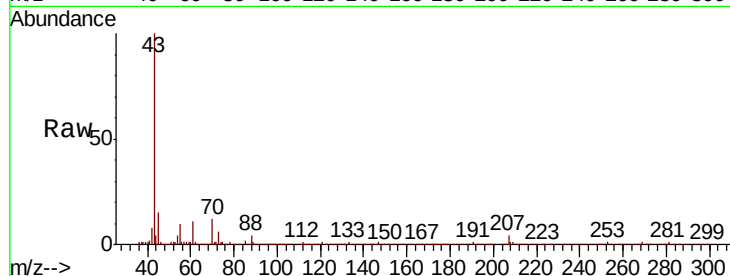




#37
Ethyl Acetate
Concen: 19.855 ug/l
RT: 4.80 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

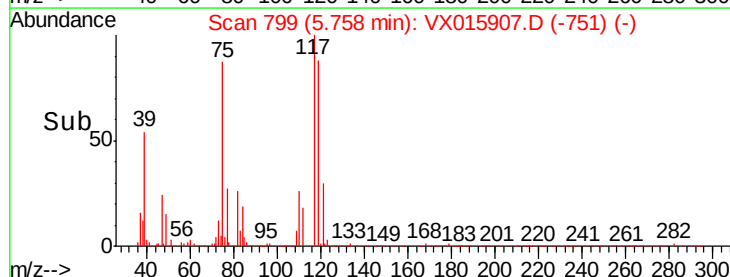
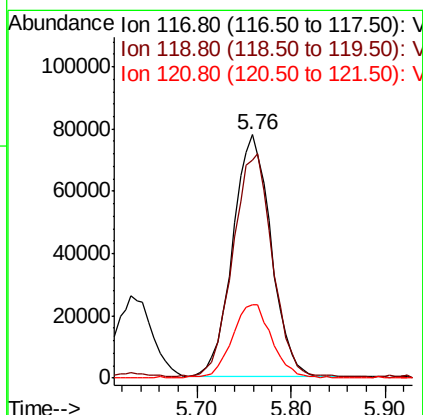
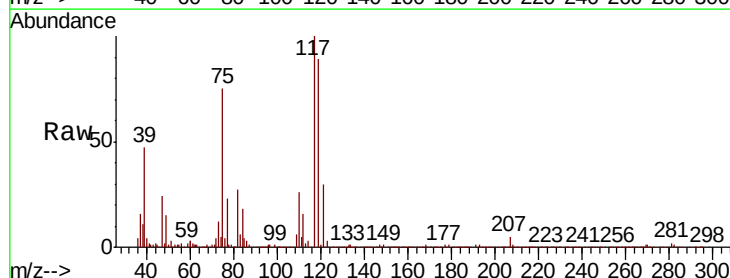
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD02

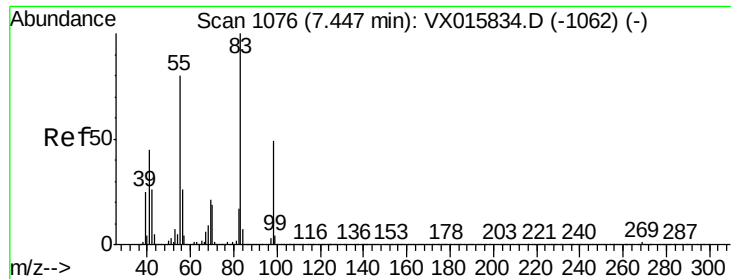
Tot Ion: 43 Resp: 261005
Ion Ratio Lower Upper
43 100
61 12.3 10.8 16.2
70 11.2 8.2 12.2



#38
Carbon Tetrachloride
Concen: 20.361 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.01 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Tgt Ion: 117 Resp: 221524
Ion Ratio Lower Upper
117 100
119 89.2 75.7 113.5
121 30.1 25.0 37.6

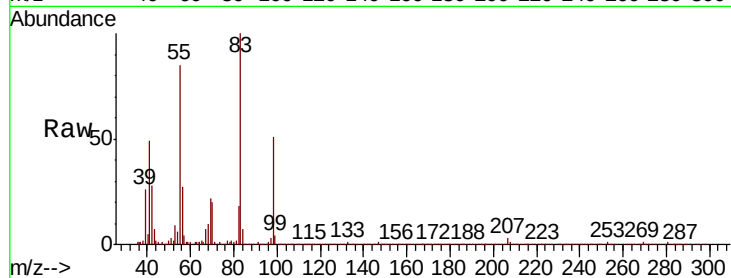




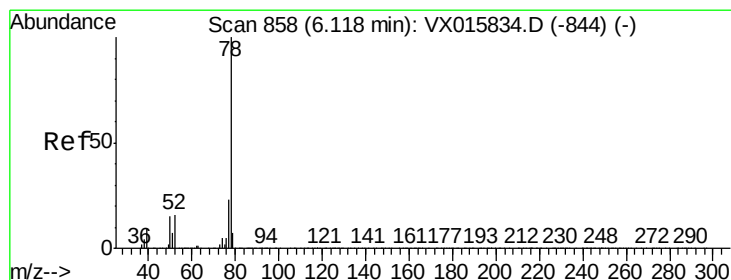
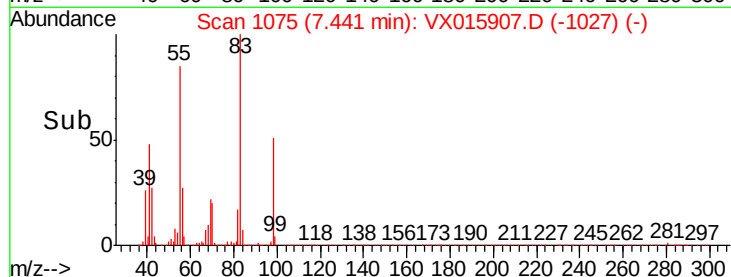
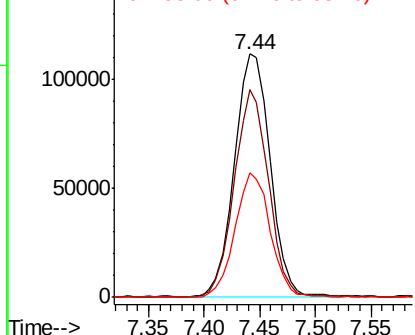
#39
Methylvlcyclohexane
Concen: 17.850 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	85.3	64.2	96.4
98	51.3	39.3	58.9

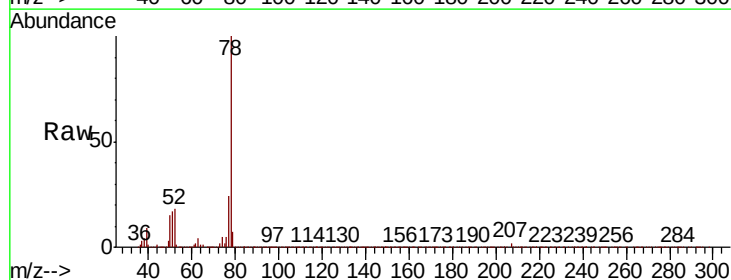


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

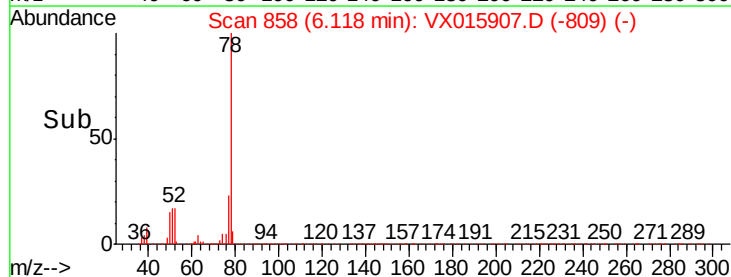
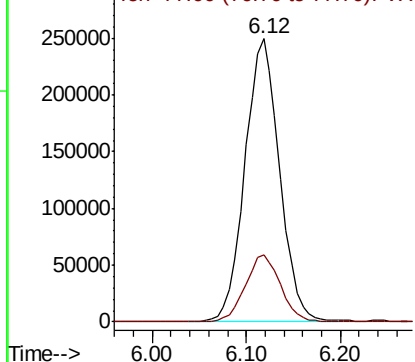


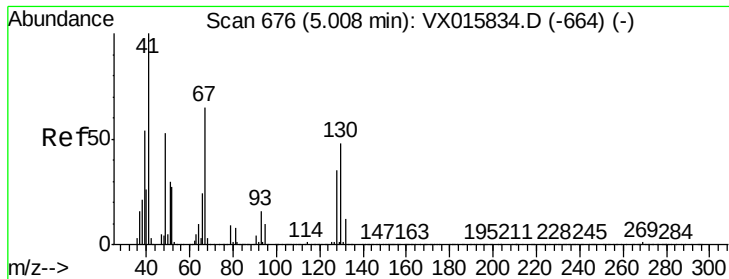
#40
Benzene
Concen: 19.195 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.6	27.8



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

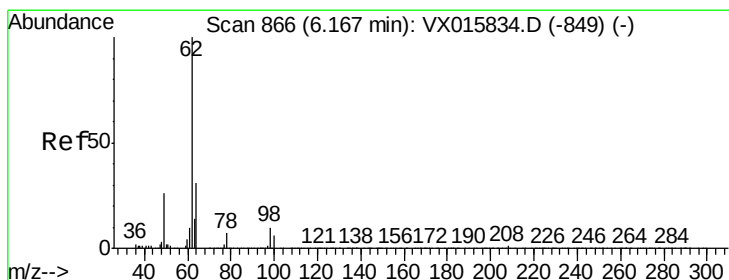
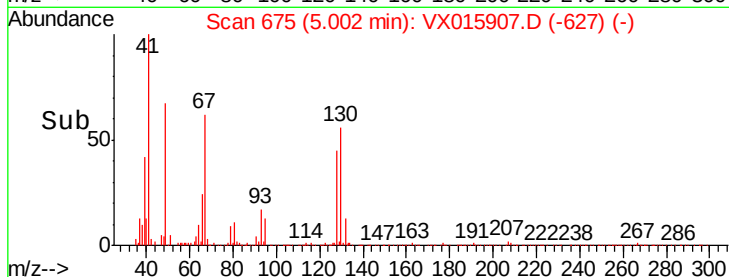
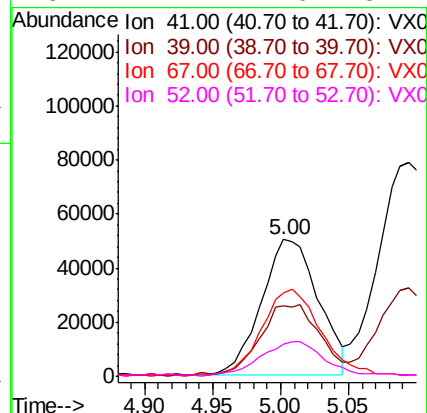
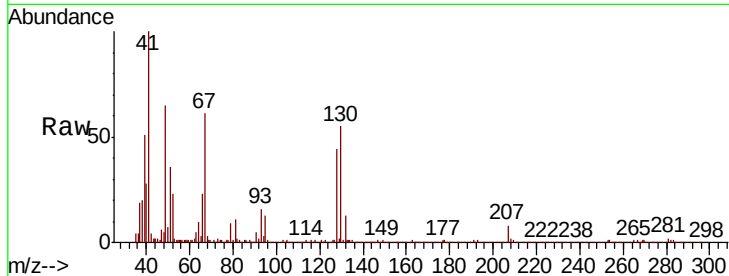




#41
Methacrylonitrile
Concen: 20.060 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

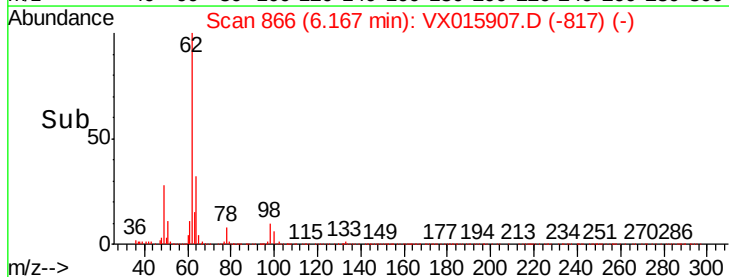
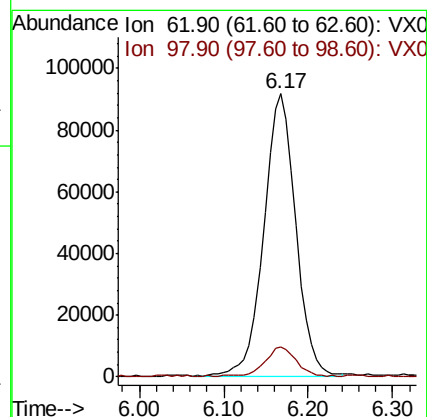
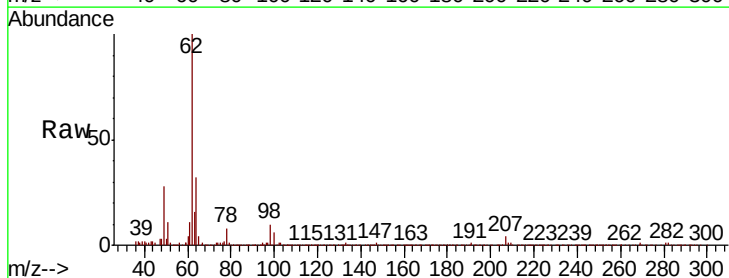
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD02

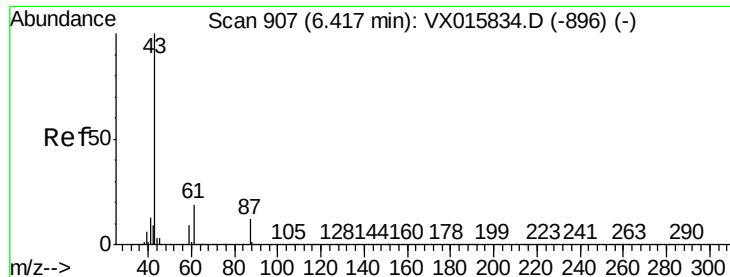
Tot Ion:	41	Resp:	146534
Ion	Ratio	Lower	Upper
41	100		
39	56.1	42.4	63.6
67	65.9	51.9	77.9
52	27.7	21.0	31.4



#42
1,2-Dichloroethane
Concen: 19.939 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Tgt Ion:	62	Resp:	238861
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.0





#43

Isopropyl Acetate

Concen: 19.500 ug/l

RT: 6.42 min Scan# 907

Delta R.T. 0.00 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBSD02

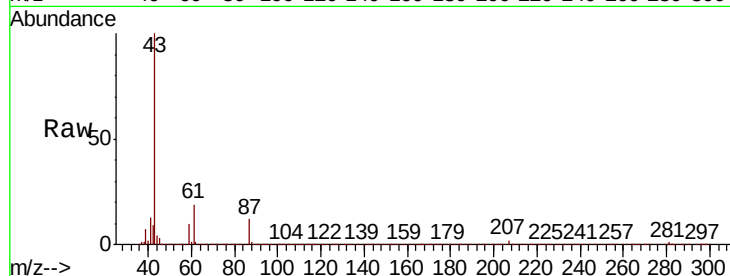
Tot Ion: 43 Resp: 432392

Ion Ratio Lower Upper

43 100

61 20.1 15.4 23.2

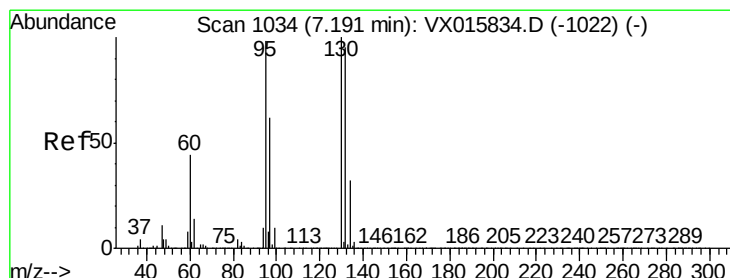
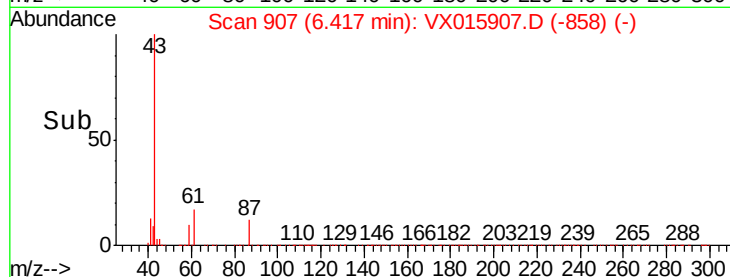
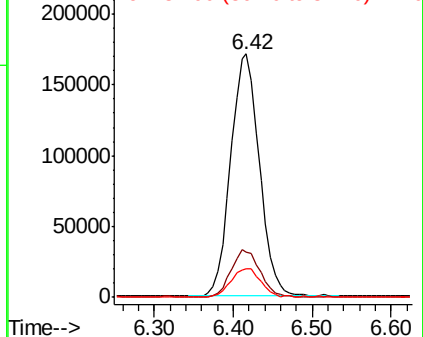
87 12.2 9.8 14.6



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: 18.773 ug/l

RT: 7.20 min Scan# 1035

Delta R.T. 0.01 min

Lab File: VX015907.D

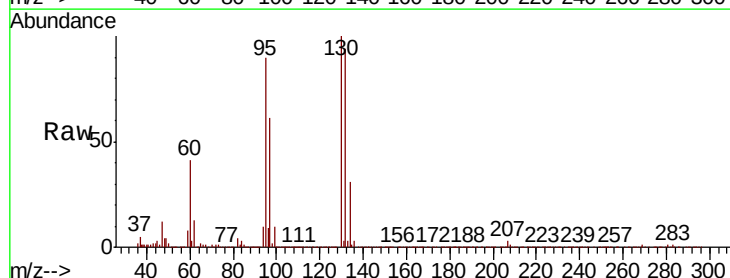
Acq: 23 Apr 2020 22:18

Tgt Ion:130 Resp: 219477

Ion Ratio Lower Upper

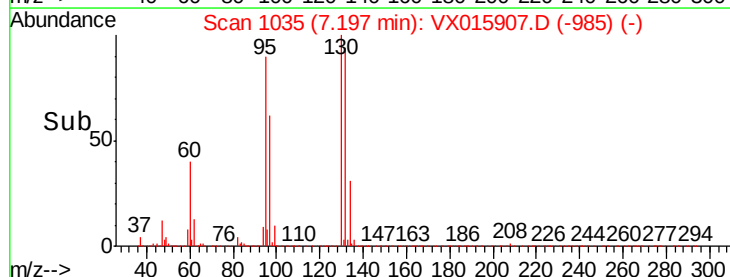
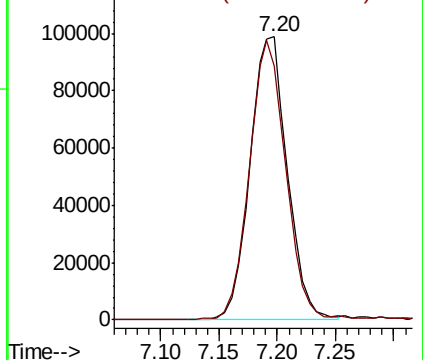
130 100

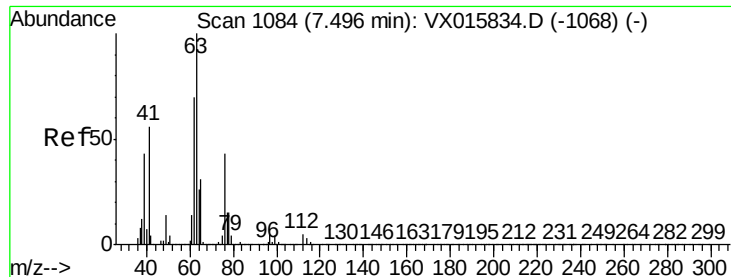
95 89.4 0.0 195.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

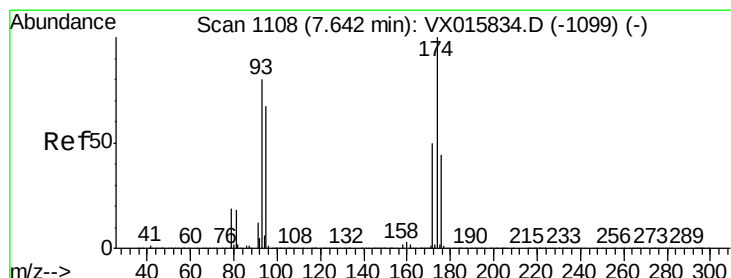
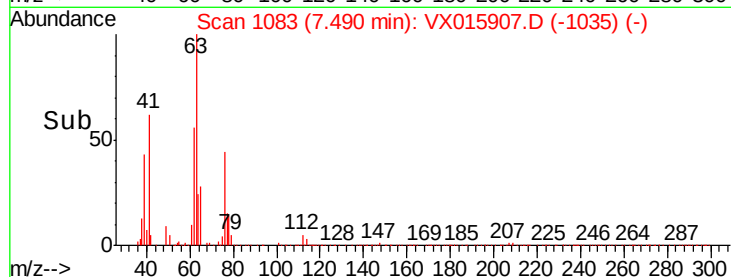
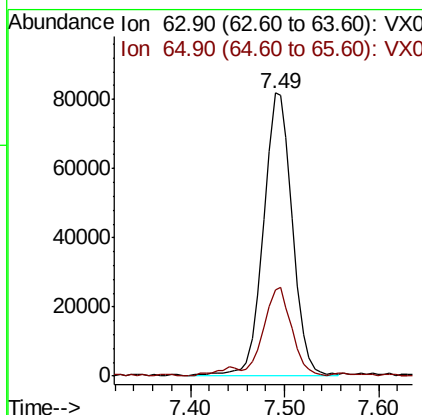
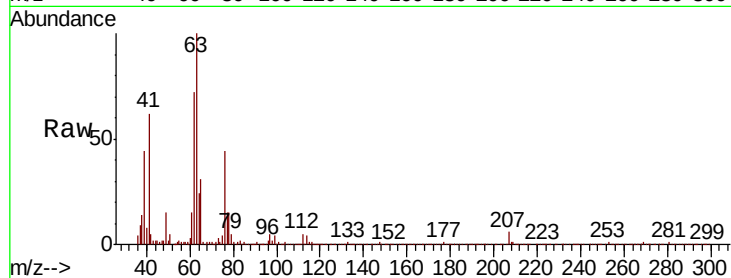




#45
 1,2-Dichloropropane
 Concen: 19.998 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015907.D
 Acq: 23 Apr 2020 22:18

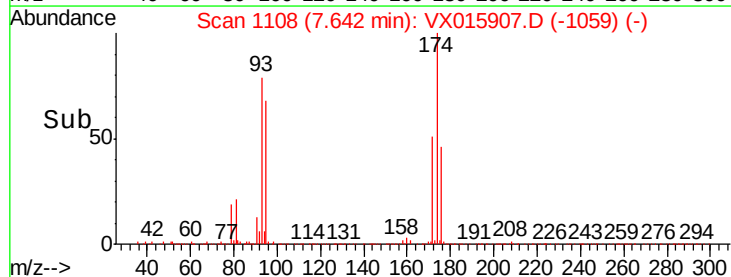
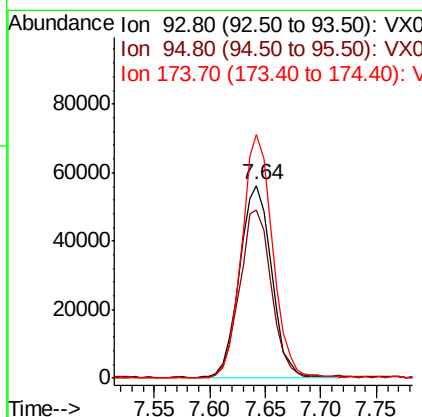
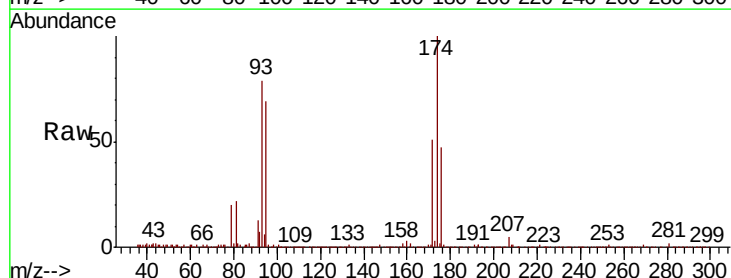
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBSD02

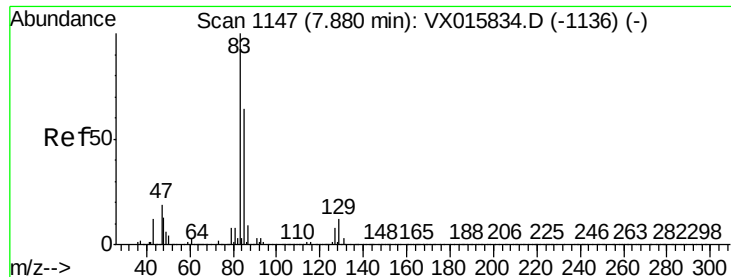
Tot Ion: 63 Resp: 174347
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.5 36.7



#46
 Dibromomethane
 Concen: 17.619 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015907.D
 Acq: 23 Apr 2020 22:18

Tgt Ion: 93 Resp: 112129
 Ion Ratio Lower Upper
 93 100
 95 85.5 65.8 98.8
 174 122.3 95.6 143.4





#47

Bromodichloromethane

Concen: 20.791 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBSD02

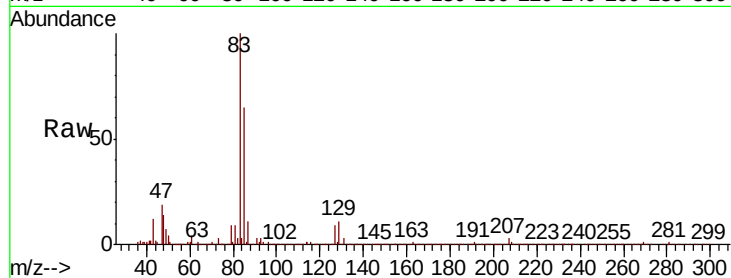
Tot Ion: 83 Resp: 235399

Ion Ratio Lower Upper

83 100

85 65.0 50.8 76.2

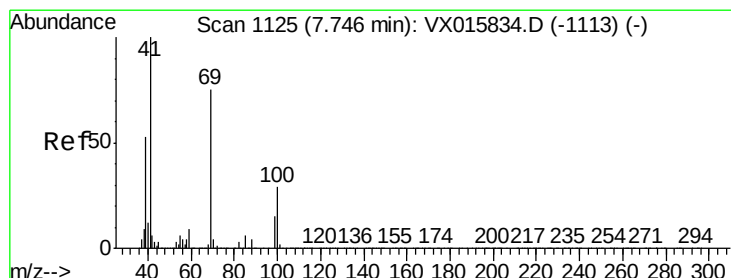
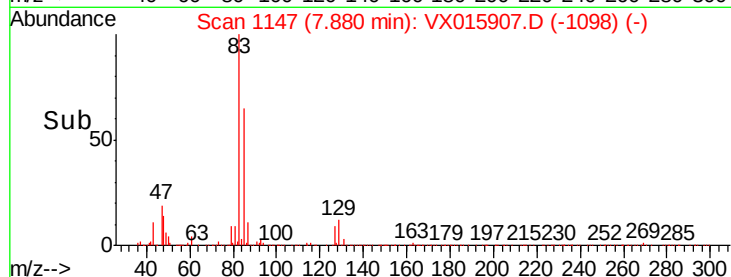
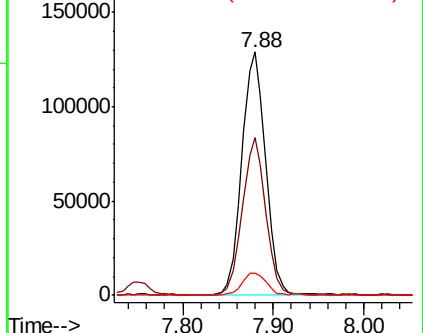
127 9.2 6.6 10.0



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: 19.739 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. 0.00 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

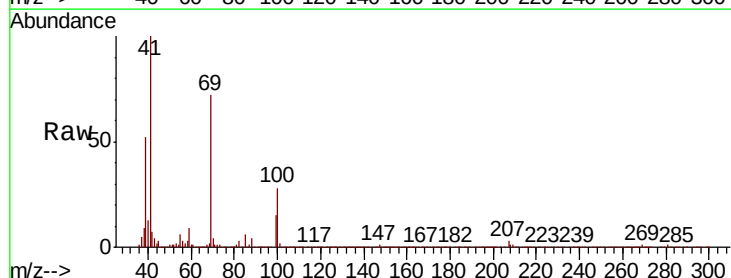
Tgt Ion: 41 Resp: 215307

Ion Ratio Lower Upper

41 100

69 75.4 60.5 90.7

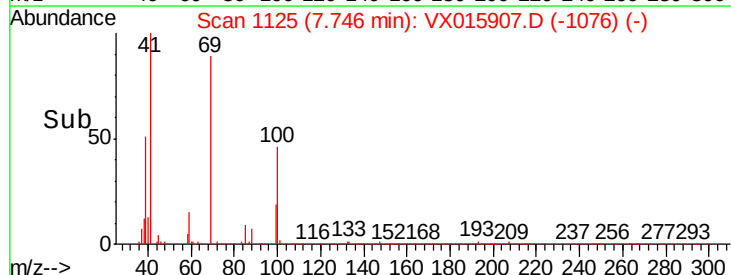
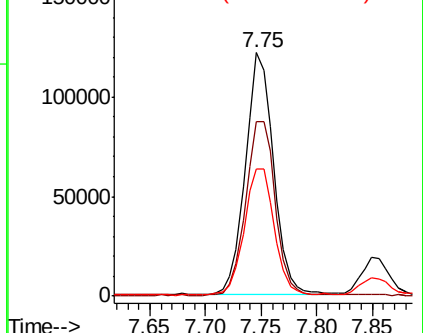
39 55.1 42.1 63.1

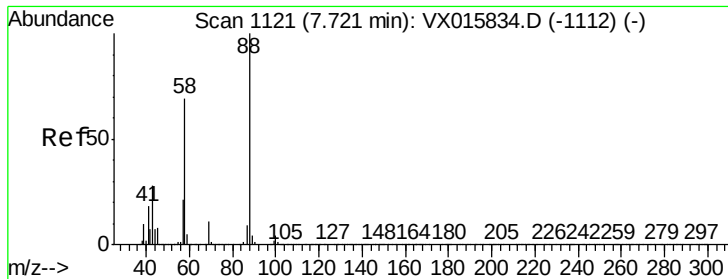


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

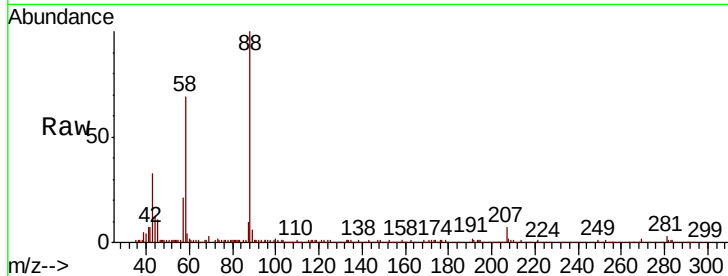




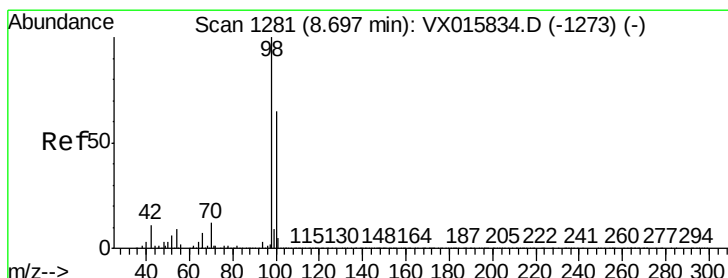
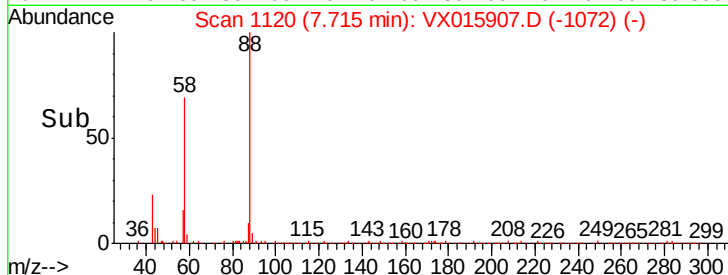
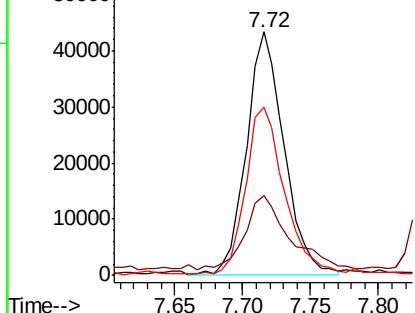
#49
1,4-Dioxane
Concen: 409.056 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. -0.01 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD02

Tot Ion: 88 Resp: 84323
Ion Ratio Lower Upper
88 100
43 36.2 28.2 42.4
58 70.4 58.9 88.3

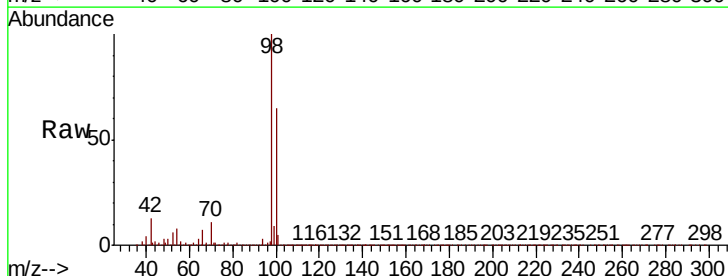


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

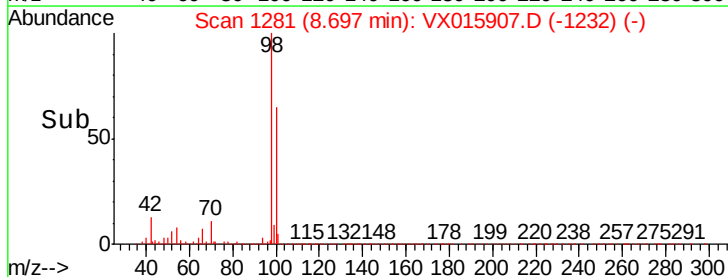
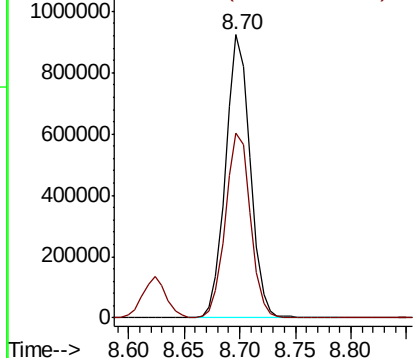


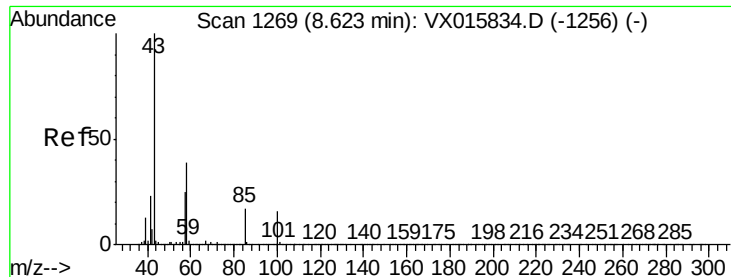
#50
Toluene-d8
Concen: 48.726 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Tgt Ion: 98 Resp: 1410713
Ion Ratio Lower Upper
98 100
100 66.4 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

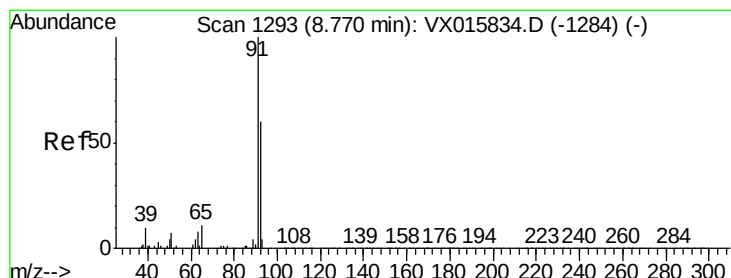
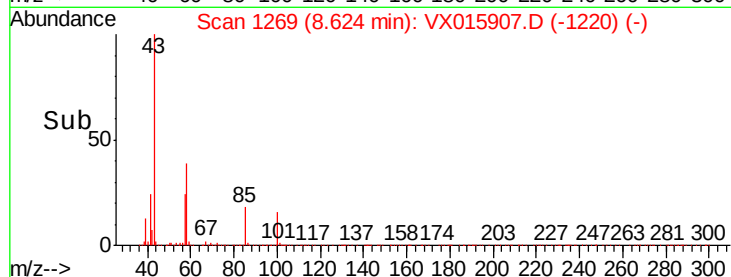
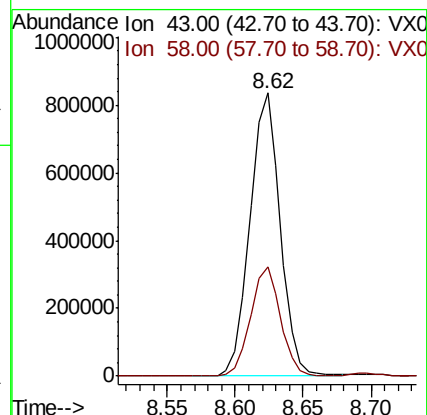
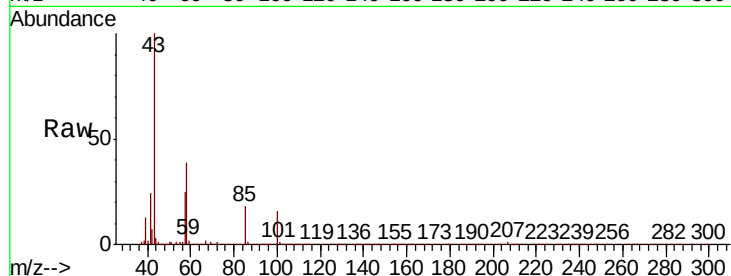




#51
4-Methyl-2-Pentanone
Concen: 101.599 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

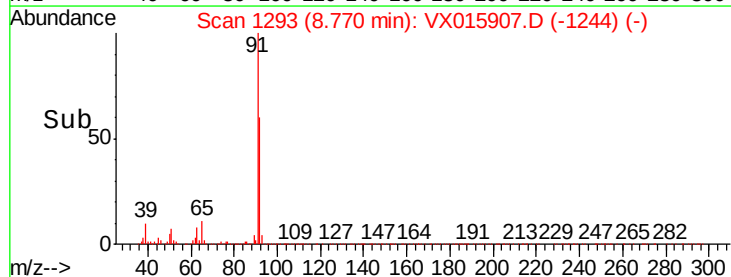
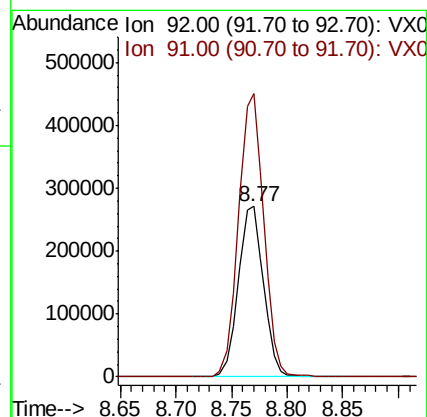
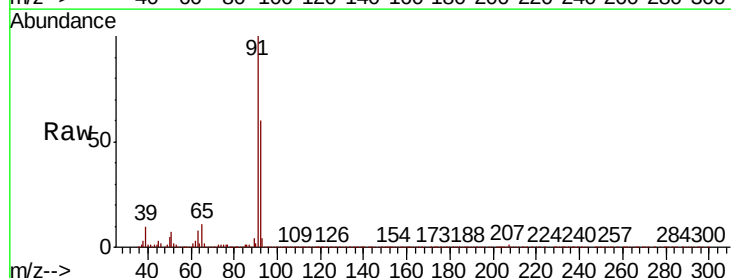
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD02

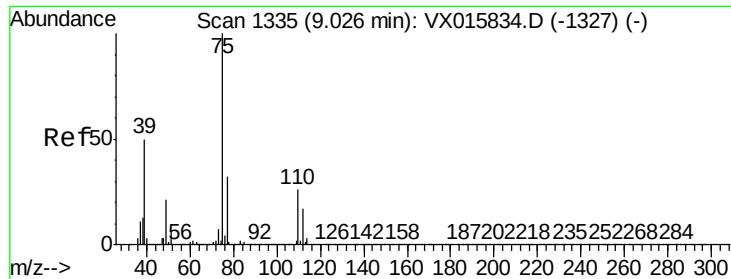
Tot Ion: 43 Resp: 1300392
Ion Ratio Lower Upper
43 100
58 38.0 30.6 45.8



#52
Toluene
Concen: 19.997 ug/l
RT: 8.77 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Tgt Ion: 92 Resp: 426417
Ion Ratio Lower Upper
92 100
91 165.0 133.4 200.0

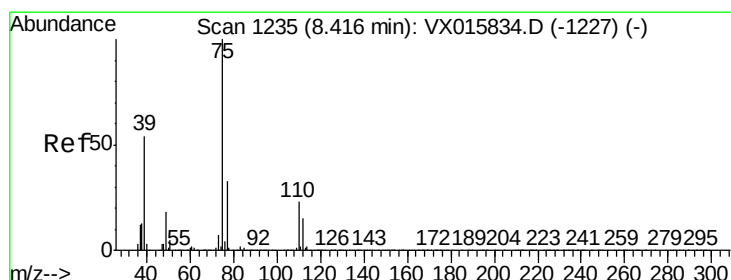
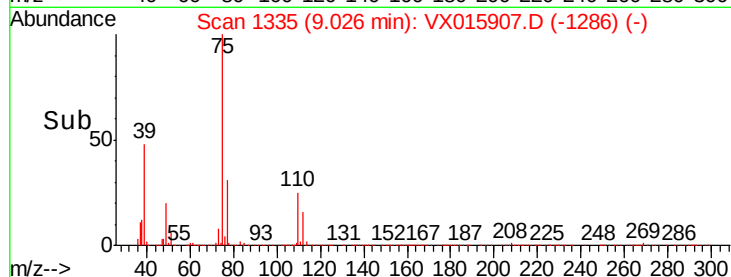
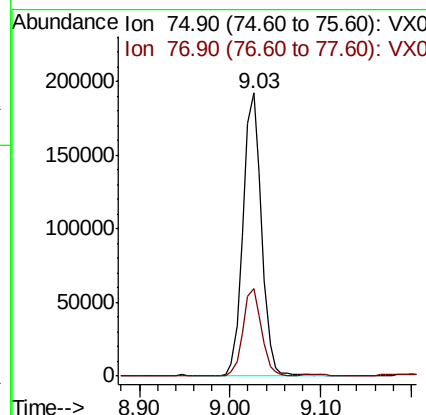
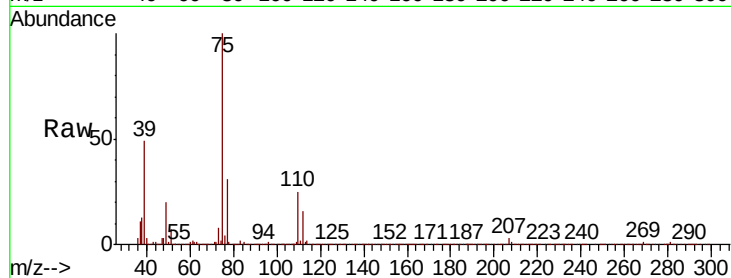




#53
t-1,3-Dichloropropene
Concen: 19.238 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

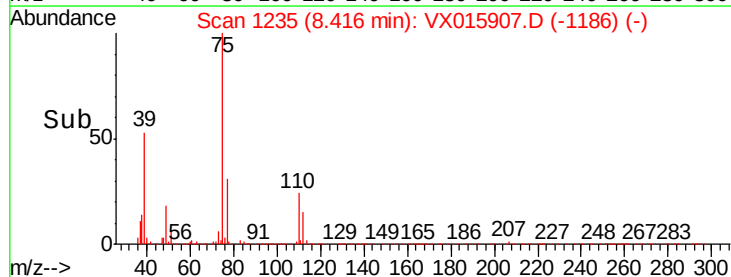
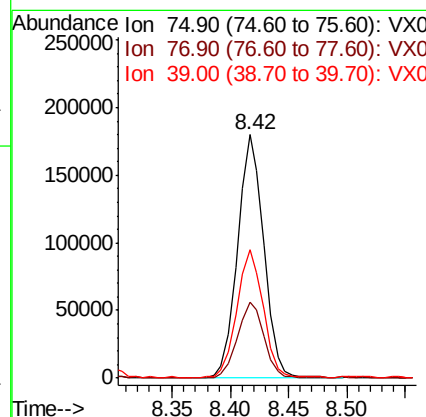
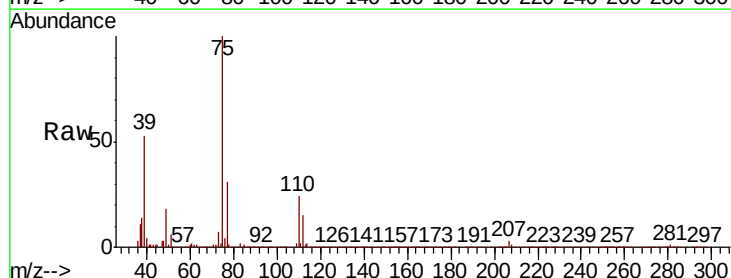
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD02

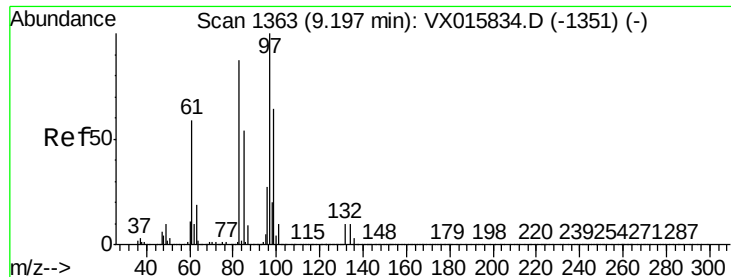
Tot Ion: 75 Resp: 270256
Ion Ratio Lower Upper
75 100
77 30.8 25.9 38.9



#54
cis-1,3-Dichloropropene
Concen: 19.003 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Tgt Ion: 75 Resp: 282145
Ion Ratio Lower Upper
75 100
77 31.0 26.0 39.0
39 52.5 42.8 64.2





#55

1,1,2-Trichloroethane

Concen: 20.616 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBSD02

Tot Ion: 97 Resp: 171660

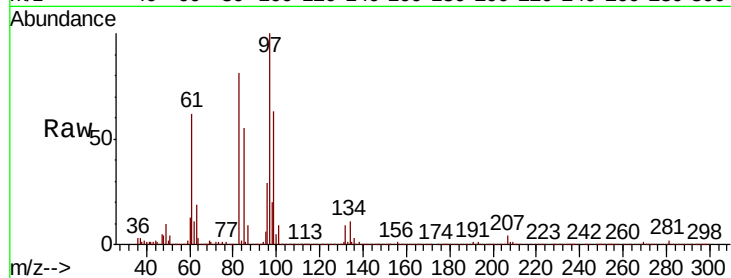
Ion Ratio Lower Upper

97 100

83 81.1 69.8 104.8

85 54.3 43.4 65.2

99 62.4 51.2 76.8

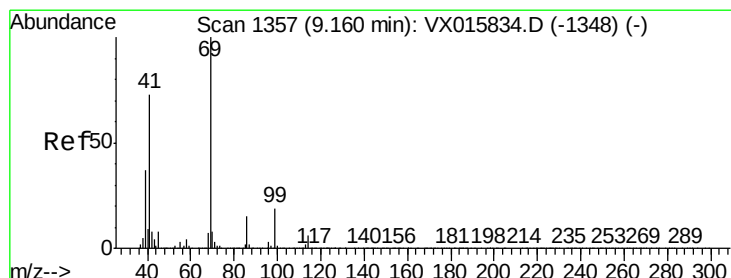
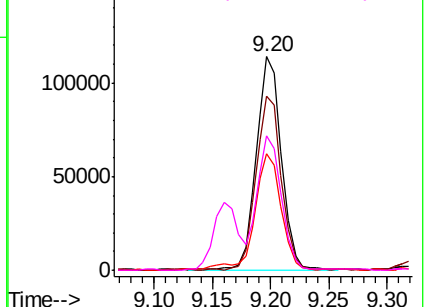
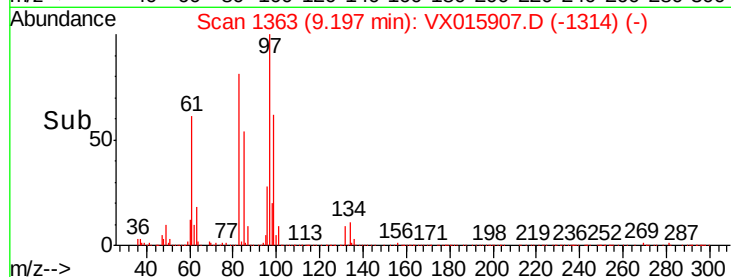


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 19.210 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

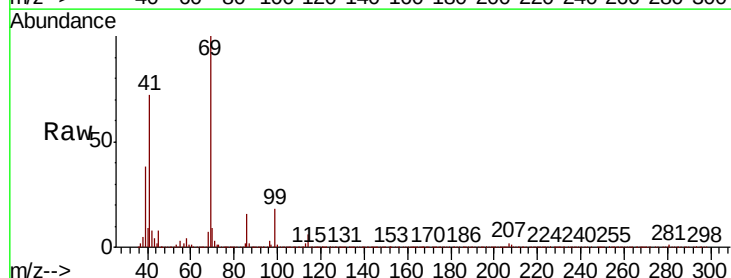
Tgt Ion: 69 Resp: 270936

Ion Ratio Lower Upper

69 100

41 73.1 57.4 86.2

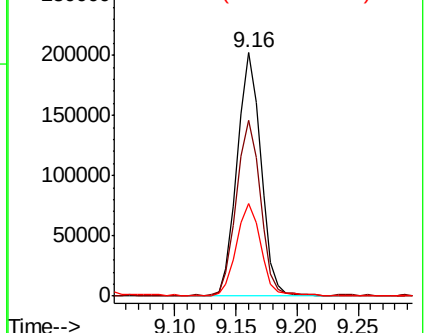
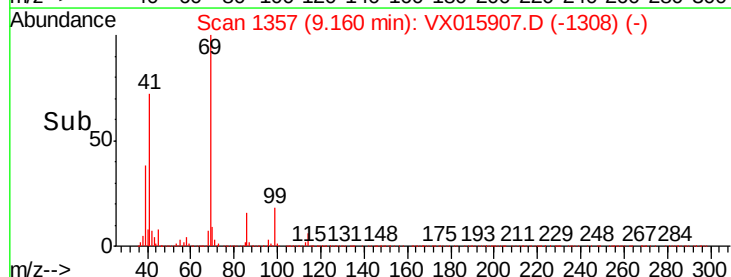
39 38.4 29.7 44.5

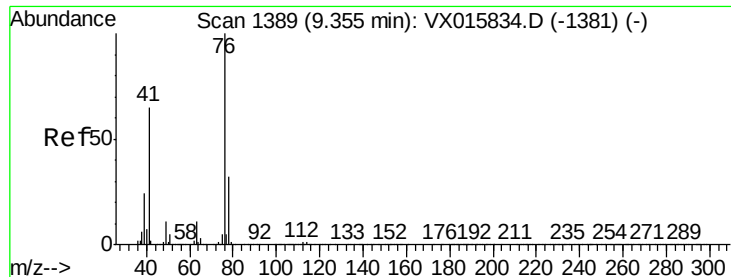


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.992 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Instrument :

MSVOA_X

ClientSampleId :

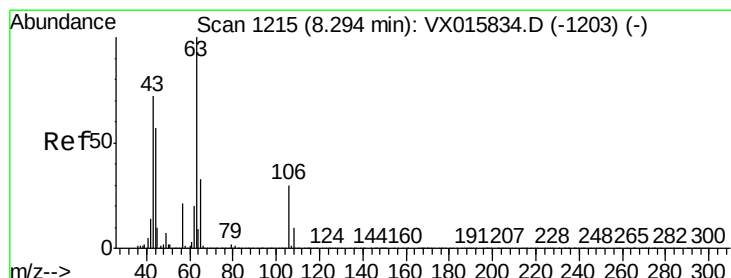
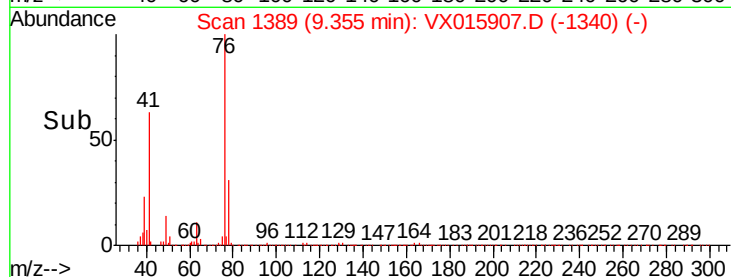
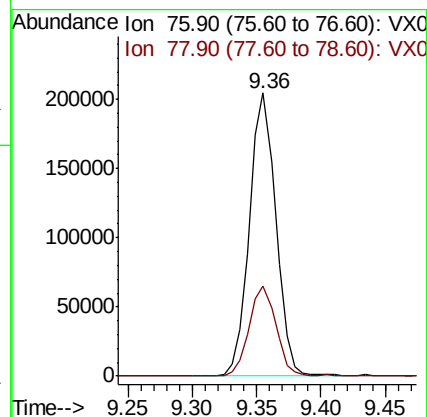
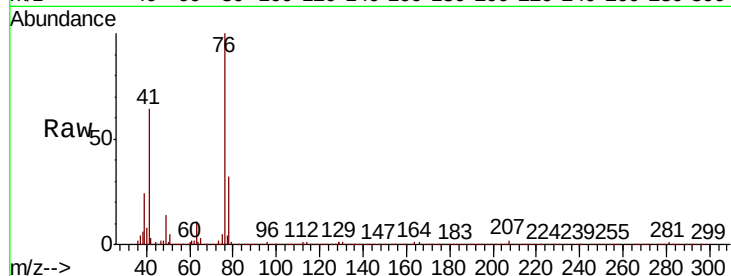
VX0423WBSD02

Tot Ion: 76 Resp: 289262

Ion Ratio Lower Upper

76 100

78 31.7 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 102.145 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. 0.00 min

Lab File: VX015907.D

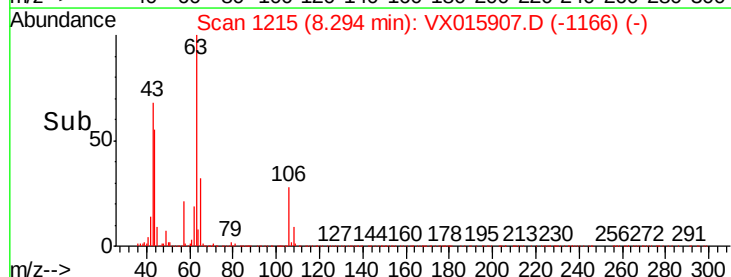
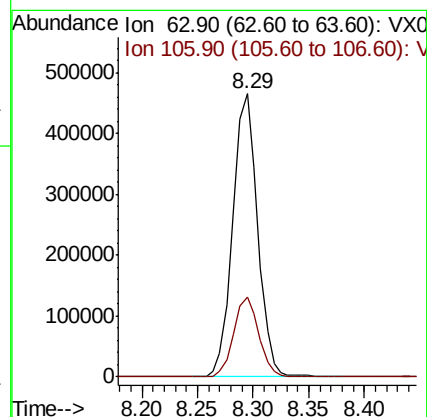
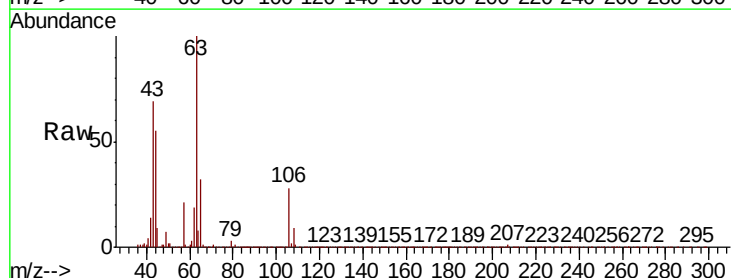
Acq: 23 Apr 2020 22:18

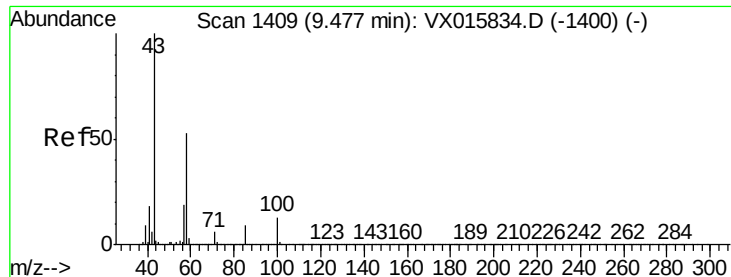
Tgt Ion: 63 Resp: 719674

Ion Ratio Lower Upper

63 100

106 28.4 23.8 35.8

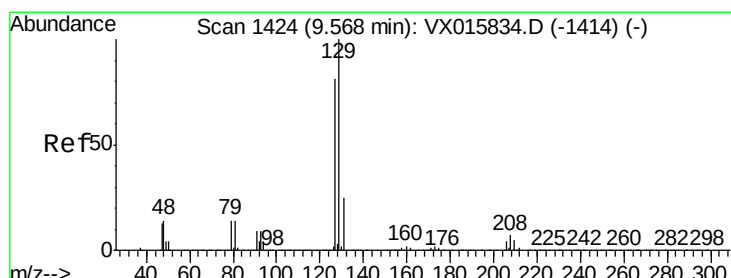
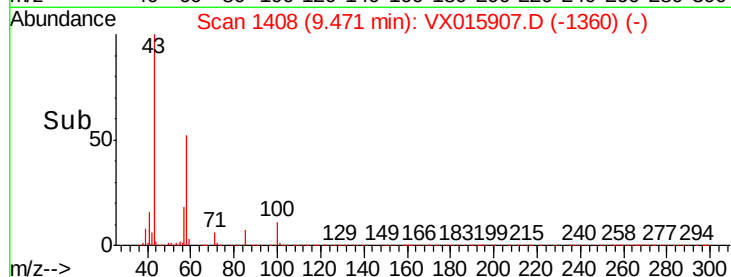
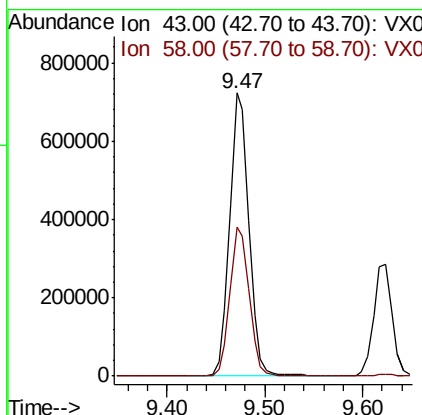
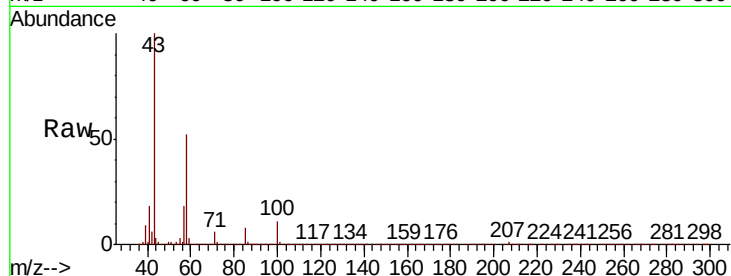




#59
2-Hexanone
Concen: 100.847 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

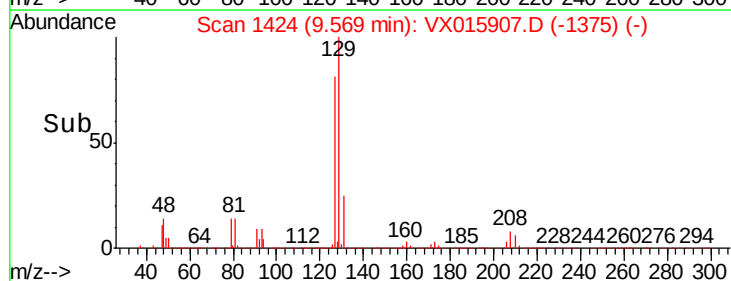
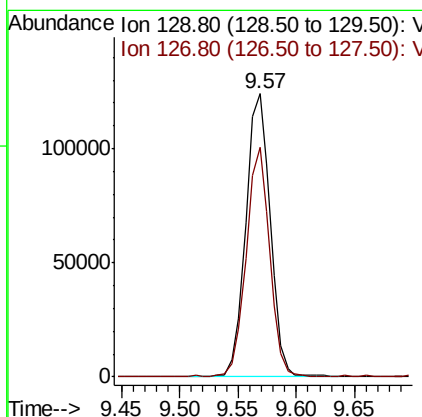
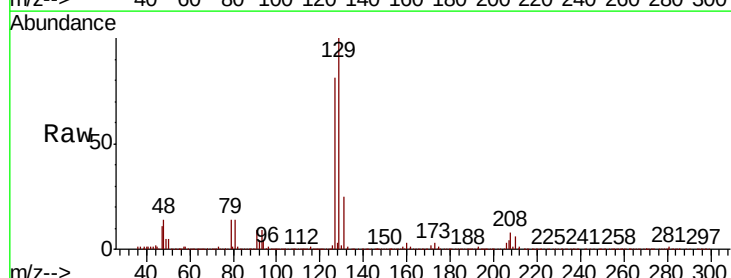
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD02

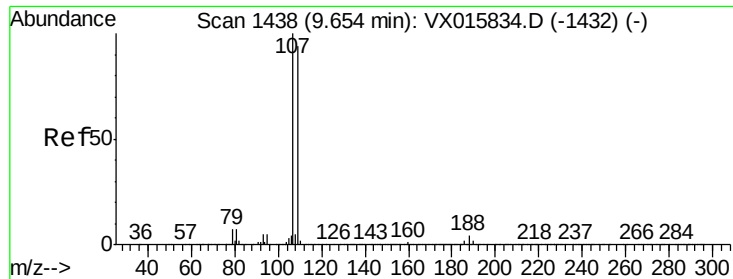
Tot Ion: 43 Resp: 983317
Ion Ratio Lower Upper
43 100
58 53.0 26.5 79.4



#60
Dibromochloromethane
Concen: 21.168 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Tgt Ion: 129 Resp: 182014
Ion Ratio Lower Upper
129 100
127 77.7 40.0 120.0





#61

1,2-Dibromoethane

Concen: 19.421 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Instrument :

MSVOA_X

ClientSampleId :

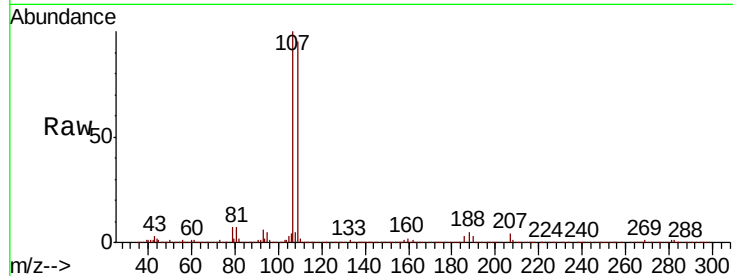
VX0423WBSD02

Tot Ion:107 Resp: 178725

Ion Ratio Lower Upper

107 100

109 95.6 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

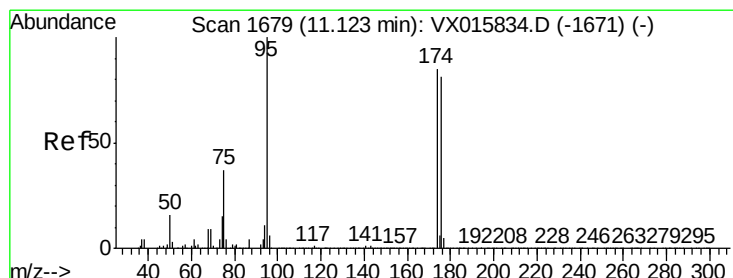
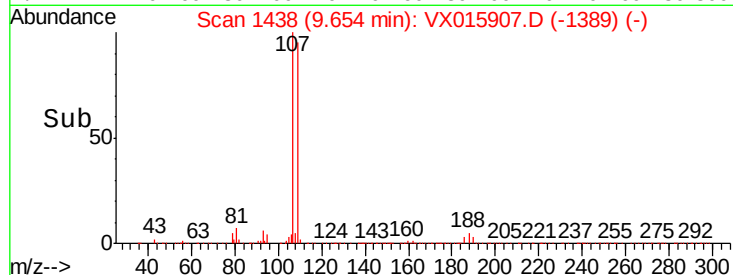
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.831 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

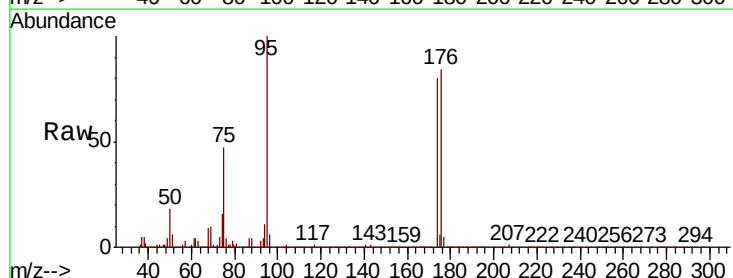
Tgt Ion: 95 Resp: 568083

Ion Ratio Lower Upper

95 100

174 83.6 0.0 172.4

176 83.5 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

600000

500000

400000

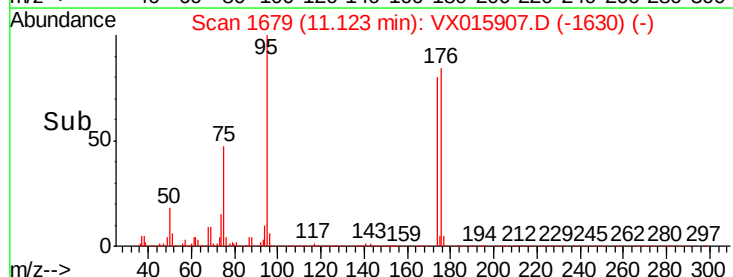
300000

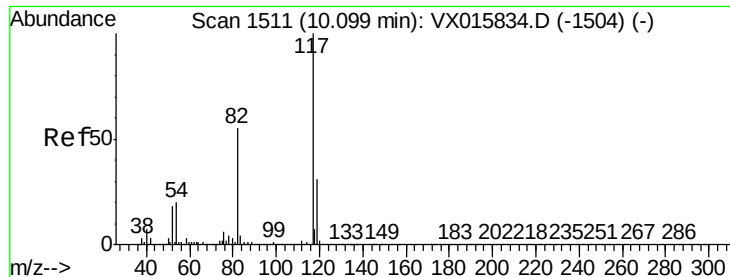
200000

100000

0

Time-->

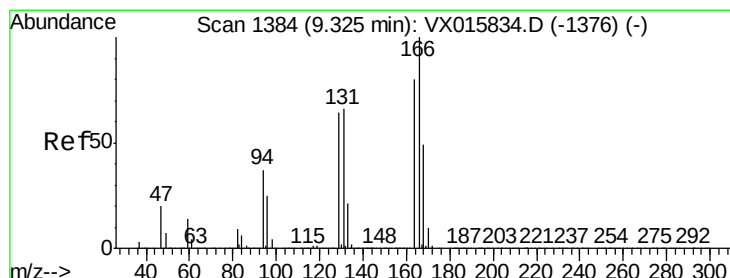
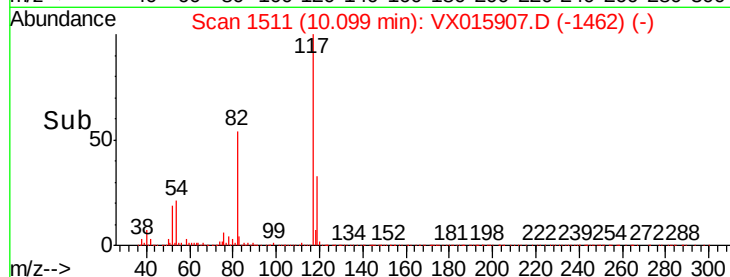
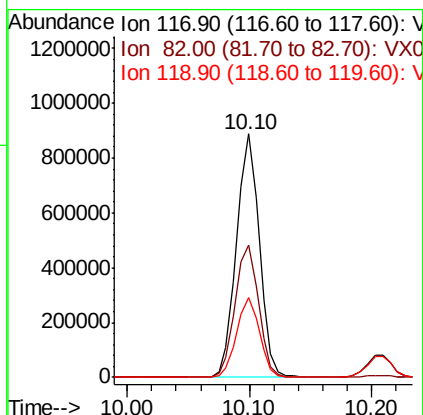
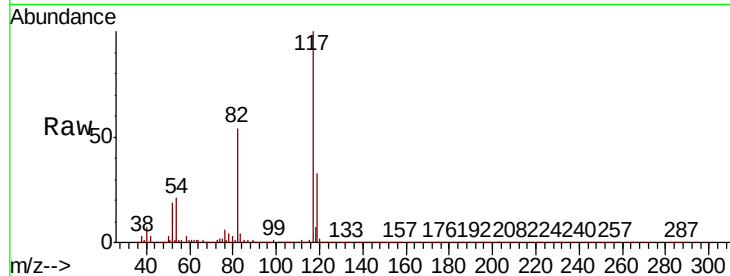




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

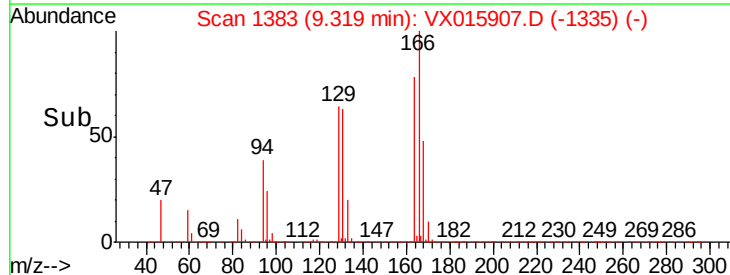
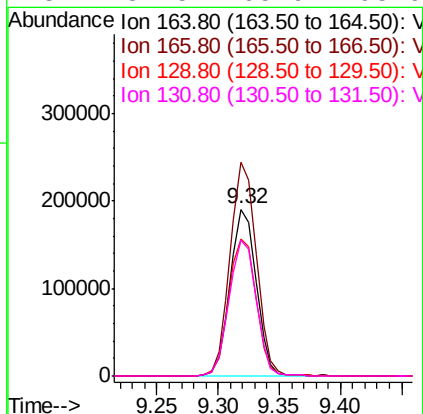
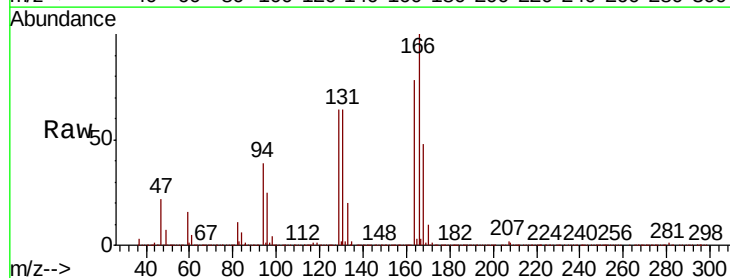
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD02

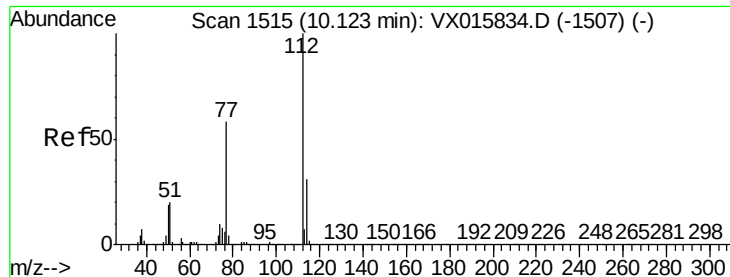
Tot Ion:117 Resp: 1144494
Ion Ratio Lower Upper
117 100
82 54.5 43.9 65.9
119 32.7 25.1 37.7



#64
Tetrachloroethene
Concen: 18.282 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.01 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Tgt Ion:164 Resp: 282029
Ion Ratio Lower Upper
164 100
166 128.4 100.2 150.2
129 82.3 64.5 96.7
131 81.5 65.9 98.9

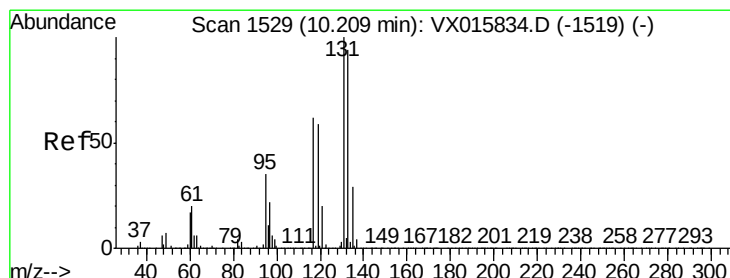
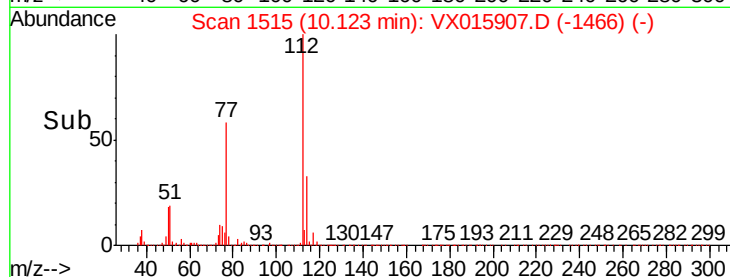
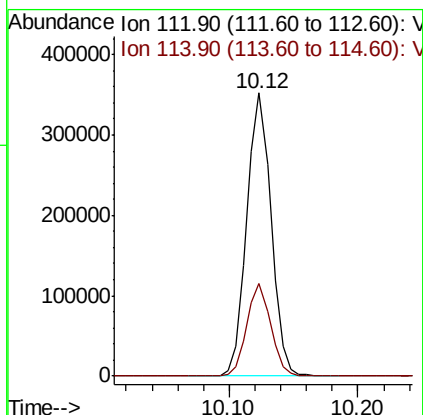
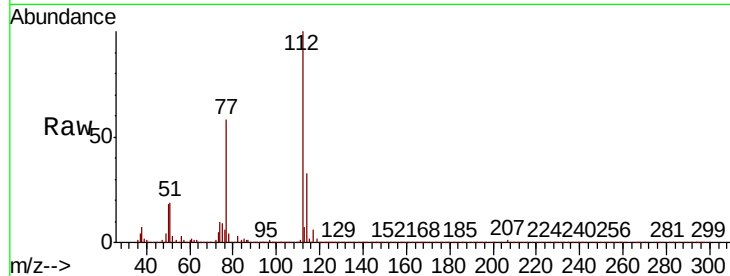




#65
Chlorobenzene
Concen: 19.977 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

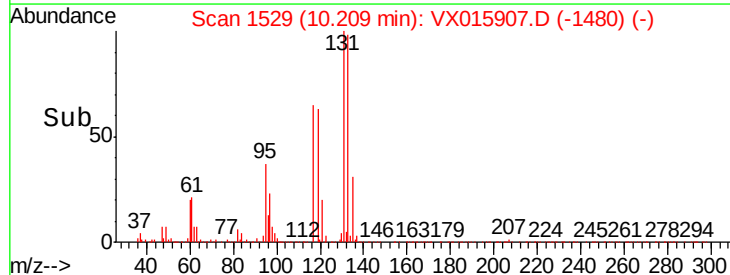
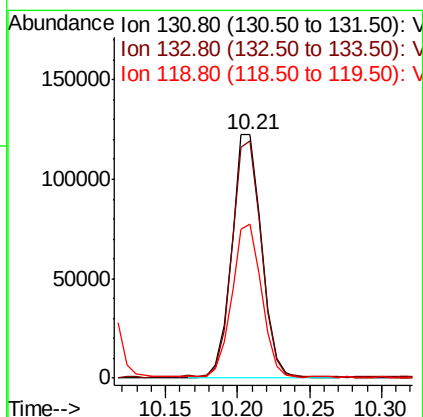
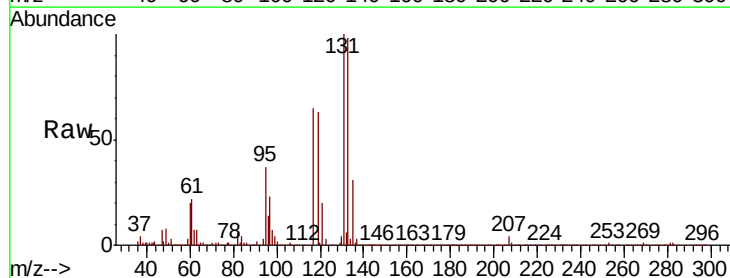
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD02

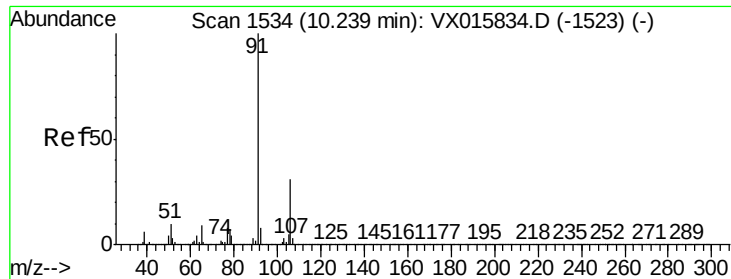
Tot Ion:112 Resp: 457202
Ion Ratio Lower Upper
112 100
114 32.5 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.592 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. 0.00 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Tgt Ion:131 Resp: 176160
Ion Ratio Lower Upper
131 100
133 96.0 47.0 141.2
119 62.6 30.9 92.8





#67

Ethyl Benzene

Concen: 19.760 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Instrument :

MSVOA_X

ClientSampleId :

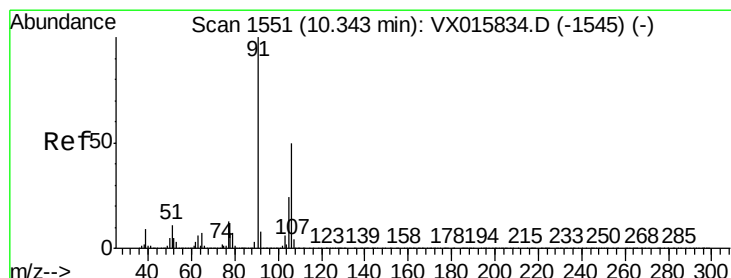
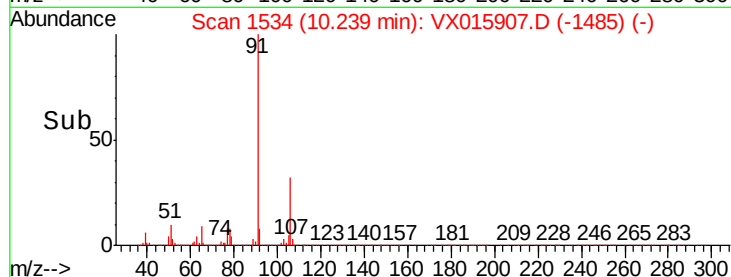
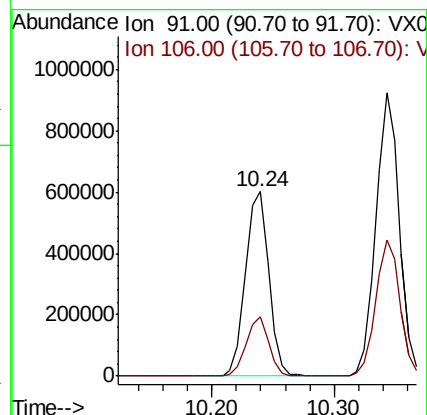
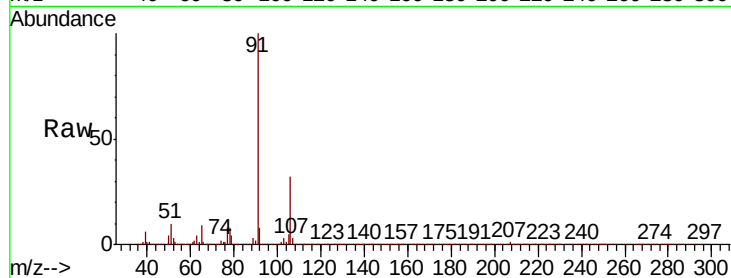
VX0423WBSD02

Tot Ion: 91 Resp: 794170

Ion Ratio Lower Upper

91 100

106 32.0 25.0 37.4



#68

m/p-Xylenes

Concen: 40.215 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015907.D

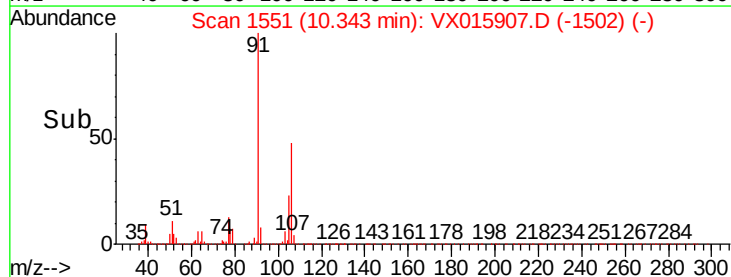
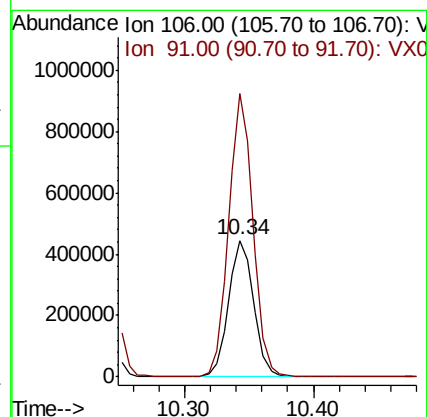
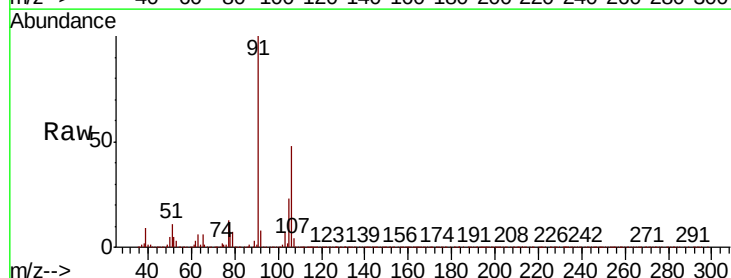
Acq: 23 Apr 2020 22:18

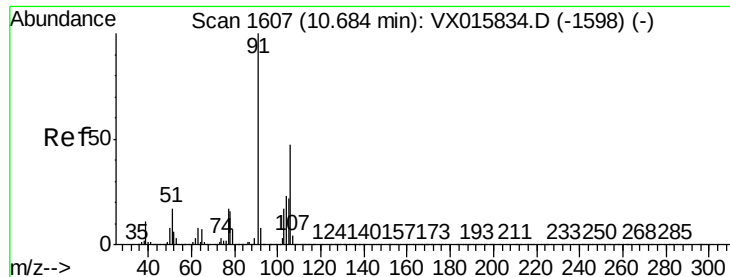
Tgt Ion:106 Resp: 606663

Ion Ratio Lower Upper

106 100

91 201.9 161.1 241.7

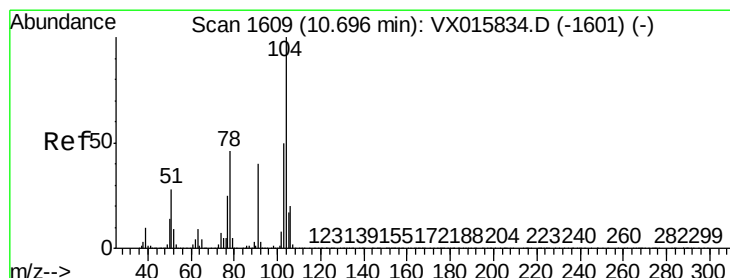
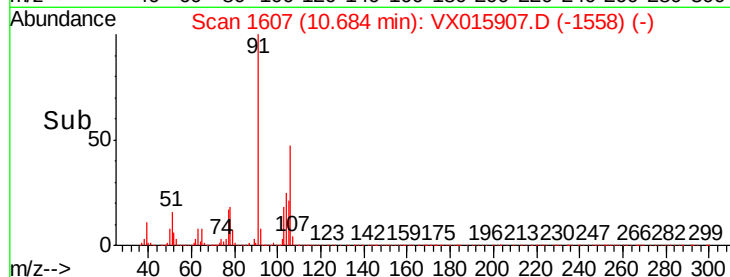
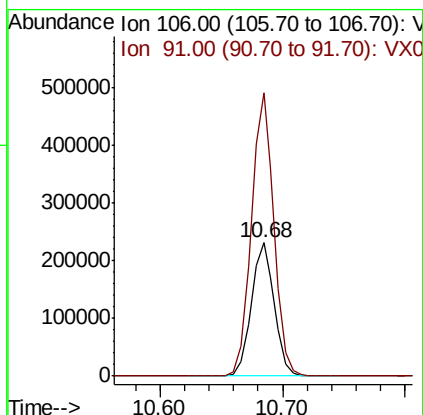
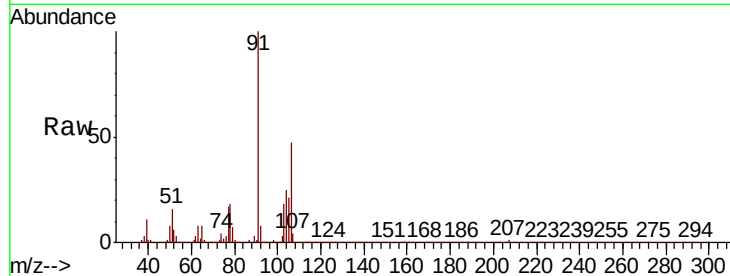




#69
o-Xylene
Concen: 20.284 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

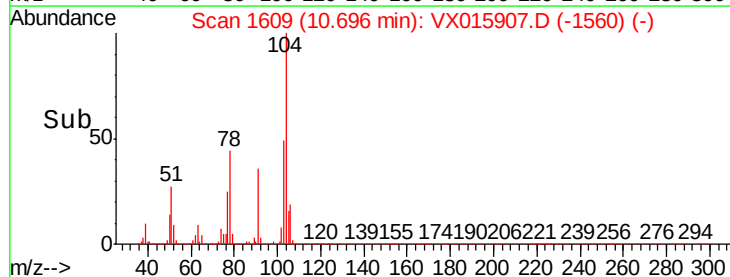
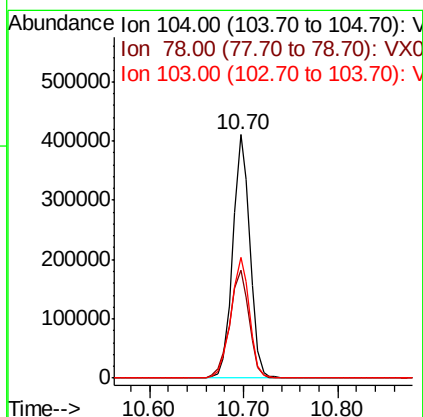
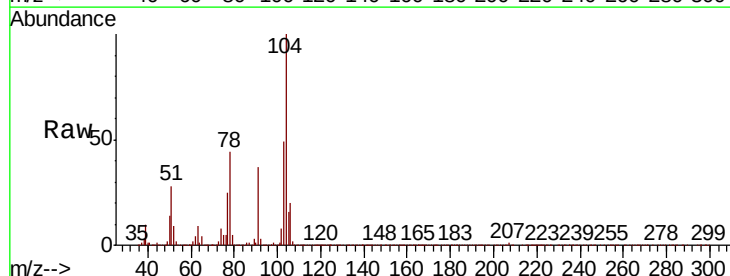
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD02

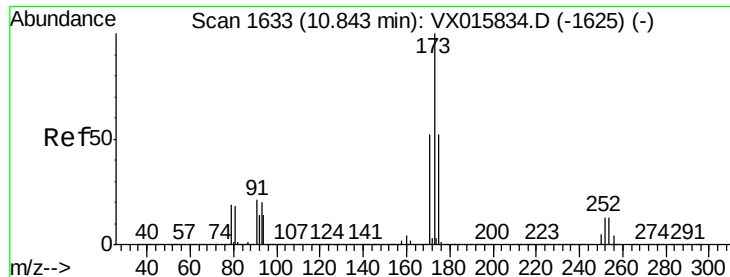
Tot Ion:106 Resp: 301116
Ion Ratio Lower Upper
106 100
91 208.1 107.1 321.3



#70
Styrene
Concen: 20.109 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Tgt Ion:104 Resp: 516886
Ion Ratio Lower Upper
104 100
78 50.0 40.1 60.1
103 53.7 43.3 64.9

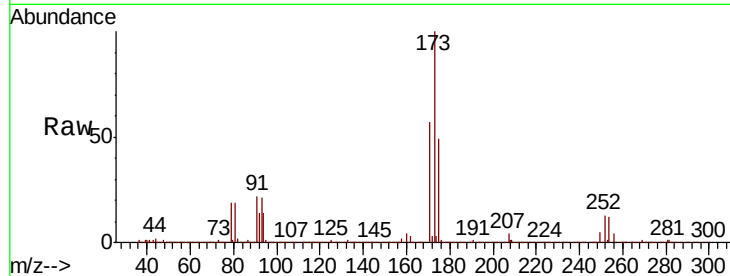




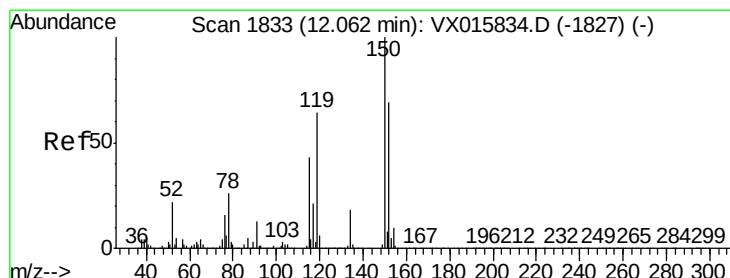
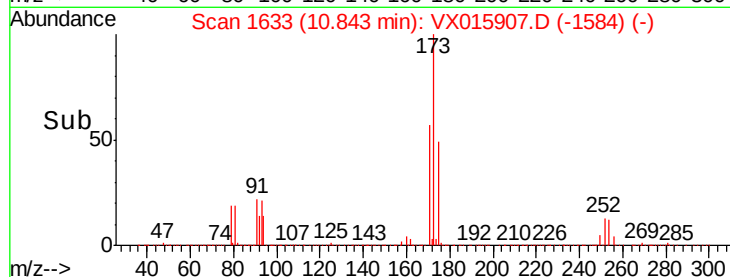
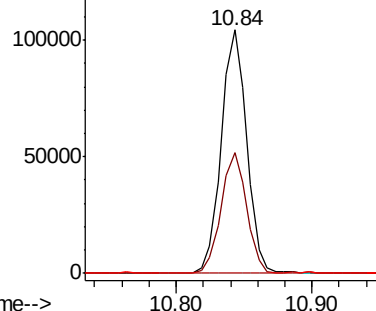
#71
Bromoform
Concen: 24.650 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD02

Tot Ion:173 Resp: 137414
Ion Ratio Lower Upper
173 100
175 49.5 25.1 75.4
254 0.2 0.3 0.5#

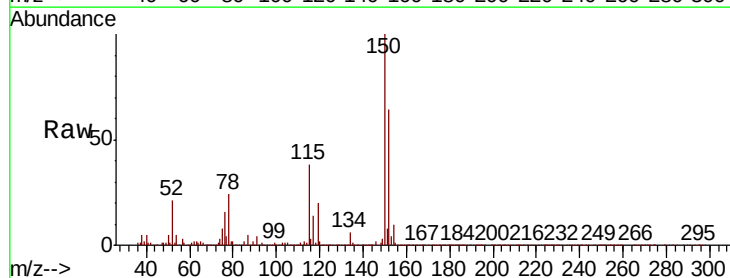


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

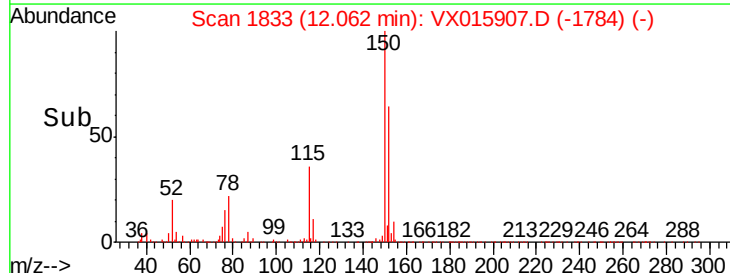
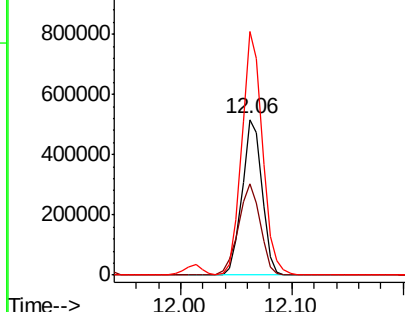


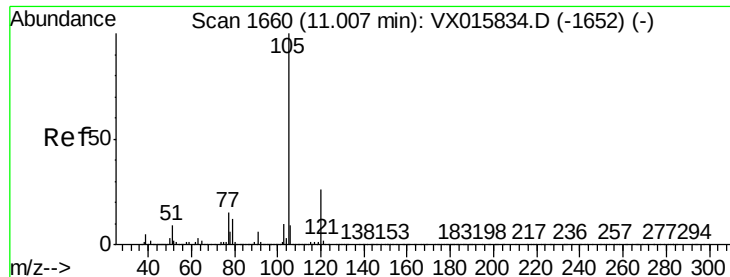
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Tgt Ion:152 Resp: 638528
Ion Ratio Lower Upper
152 100
115 64.0 39.0 116.9
150 162.4 0.0 336.8



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





#73

Isopropylbenzene

Concen: 19.559 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Instrument :

MSVOA_X

ClientSampleId :

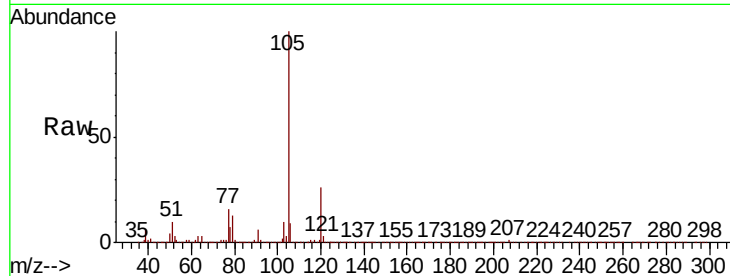
VX0423WBSD02

Tot Ion: 105 Resp: 793169

Ion Ratio Lower Upper

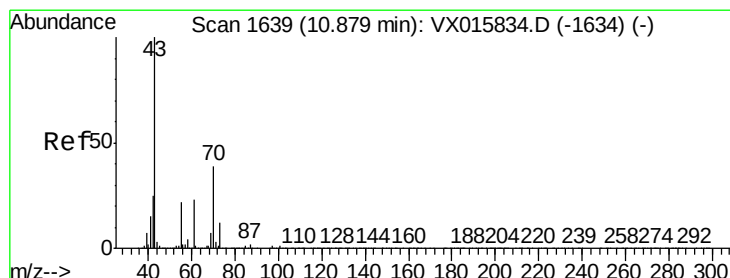
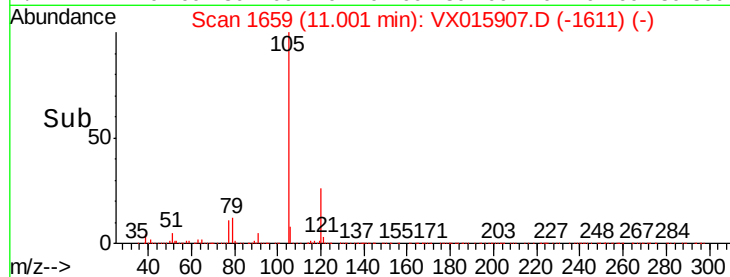
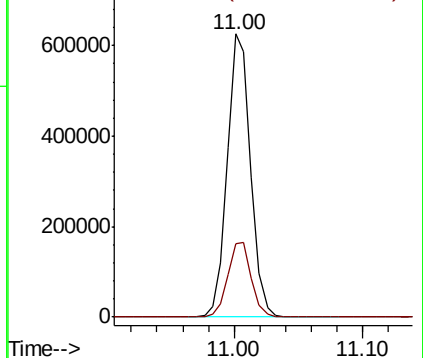
105 100

120 26.5 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.332 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. 0.00 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Tgt Ion: 43 Resp: 383793

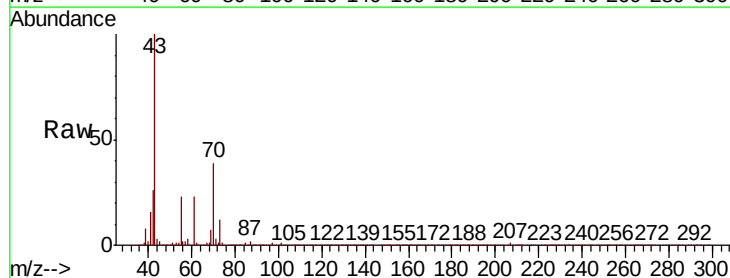
Ion Ratio Lower Upper

43 100

70 40.8 32.6 49.0

55 23.0 18.3 27.5

61 24.3 18.7 28.1

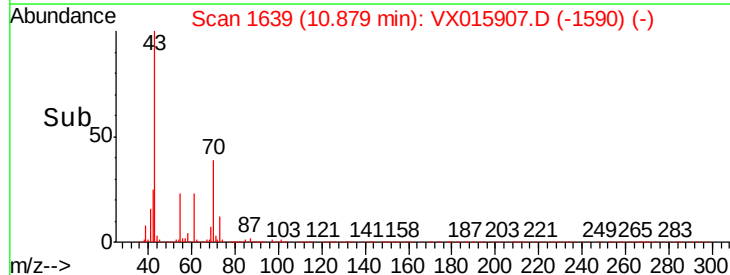
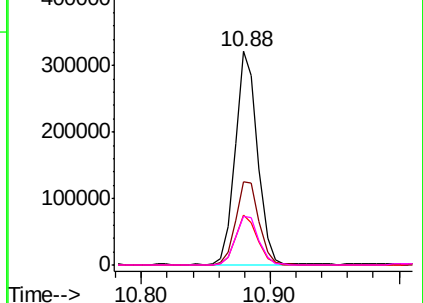


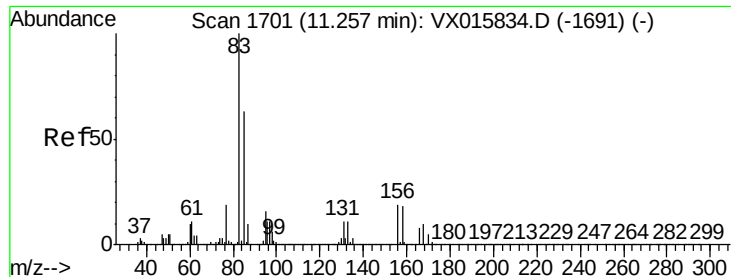
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.912 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBSD02

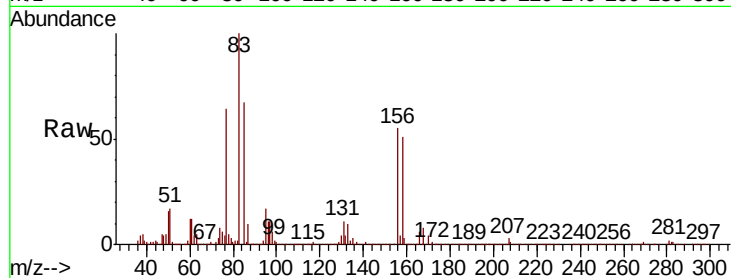
Tot Ion: 83 Resp: 179475

Ion Ratio Lower Upper

83 100

131 10.8 5.5 16.4

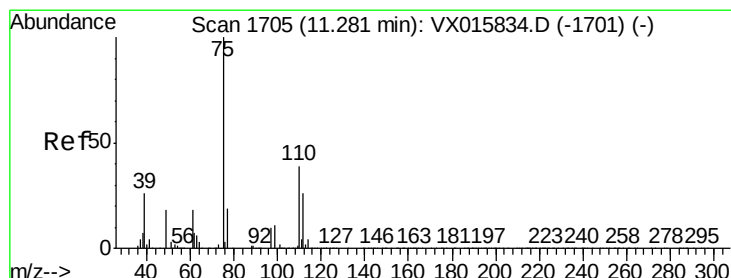
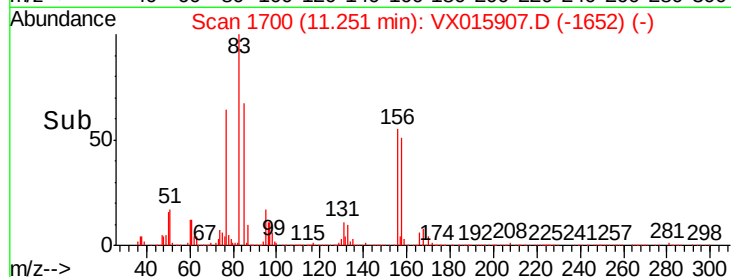
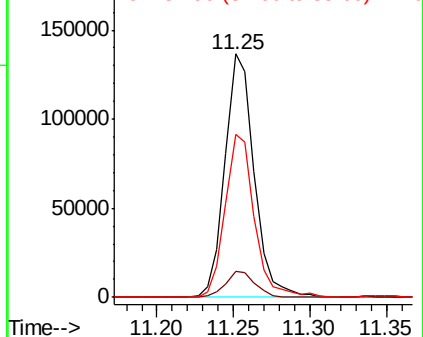
85 67.3 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.738 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015907.D

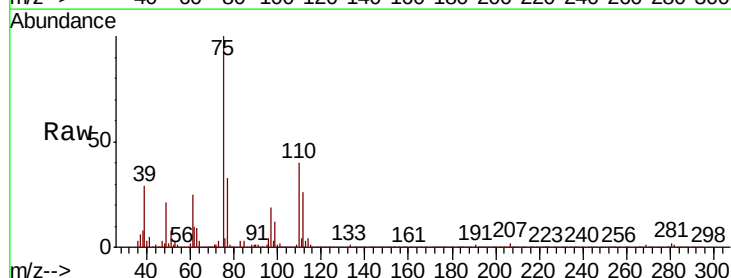
Acq: 23 Apr 2020 22:18

Tgt Ion: 75 Resp: 300375

Ion Ratio Lower Upper

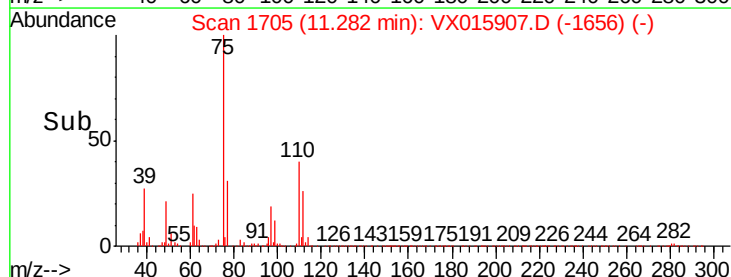
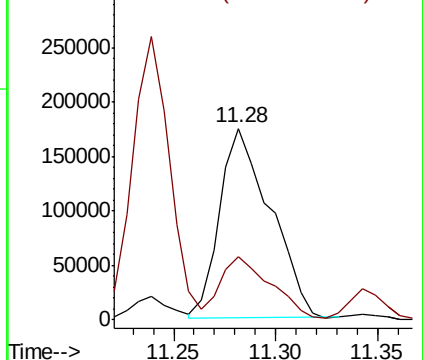
75 100

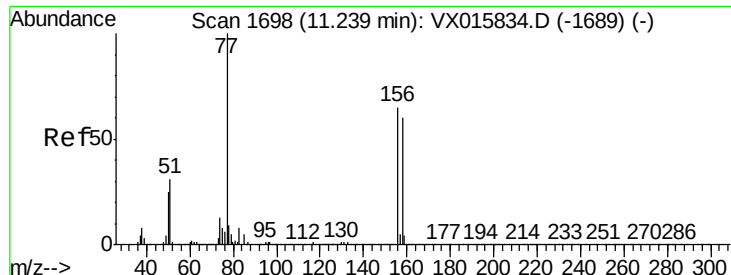
77 33.2 21.3 63.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.737 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Instrument :

MSVOA_X

ClientSampled :

VX0423WBSD02

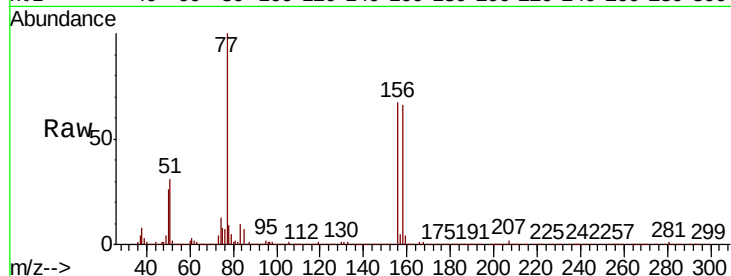
Tot Ion:156 Resp: 218693

Ion Ratio Lower Upper

156 100

77 151.4 75.2 225.6

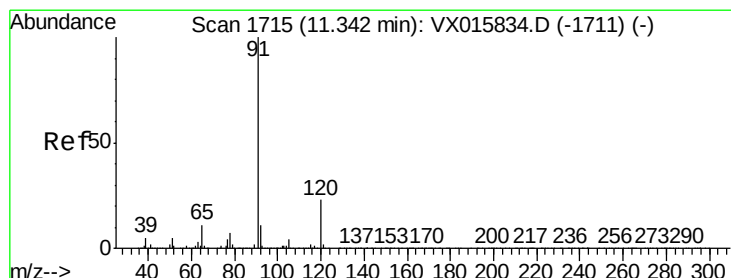
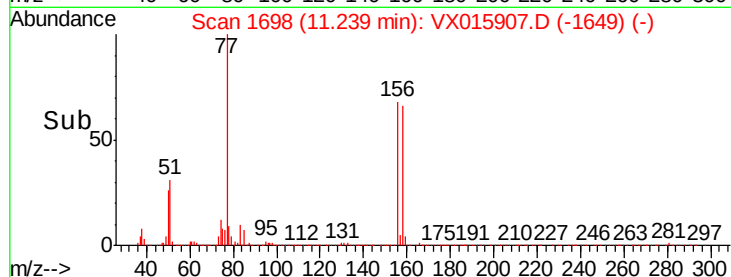
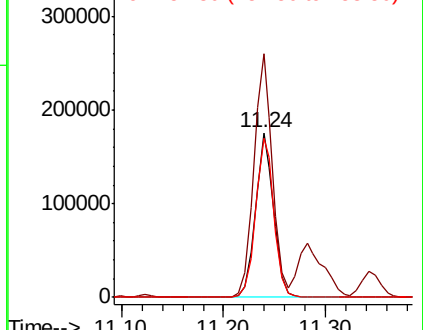
158 98.4 47.9 143.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.538 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VX015907.D

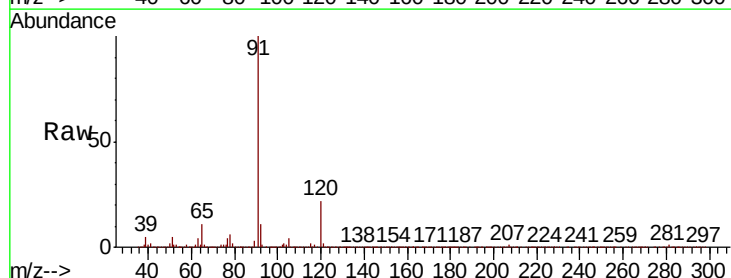
Acq: 23 Apr 2020 22:18

Tgt Ion: 91 Resp: 907666

Ion Ratio Lower Upper

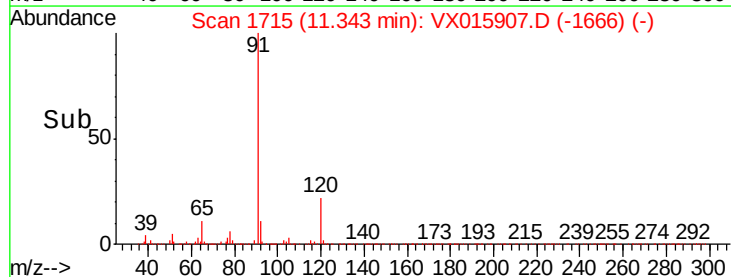
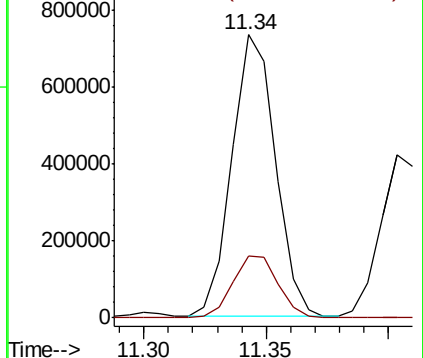
91 100

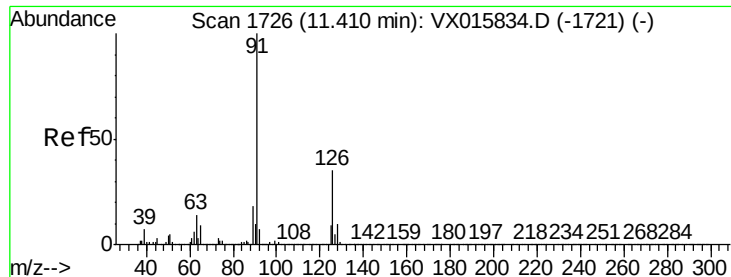
120 23.0 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

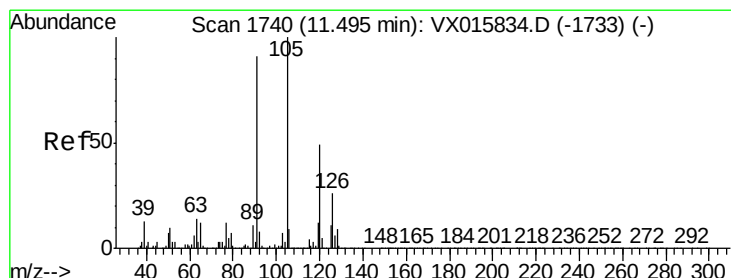
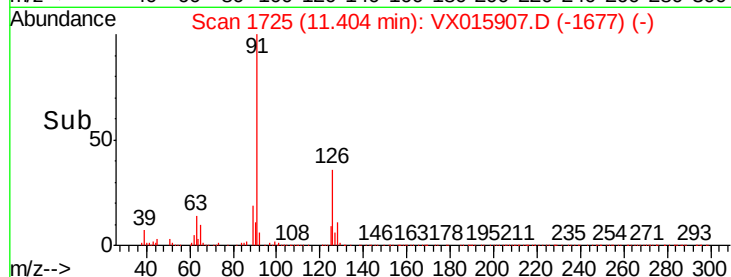
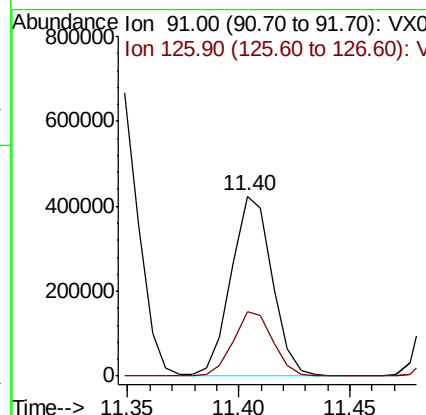
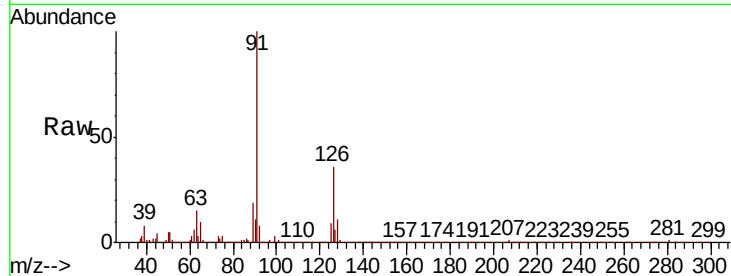




#79
 2-Chlorotoluene
 Concen: 19.251 ug/l
 RT: 11.40 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: VX015907.D
 Acq: 23 Apr 2020 22:18

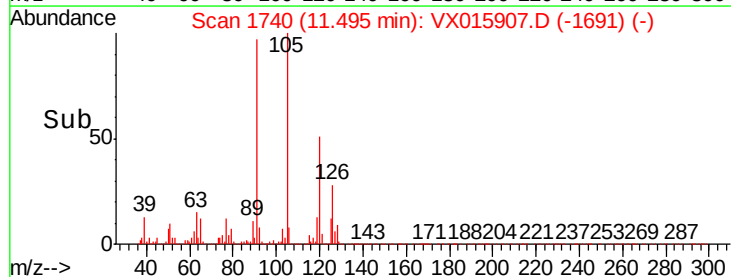
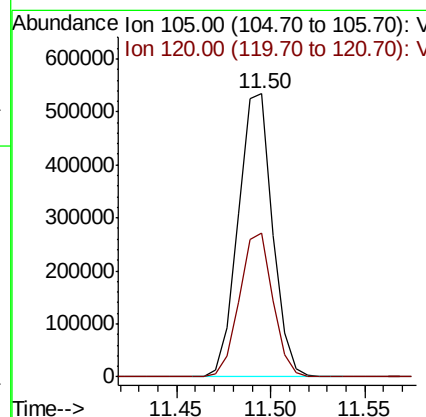
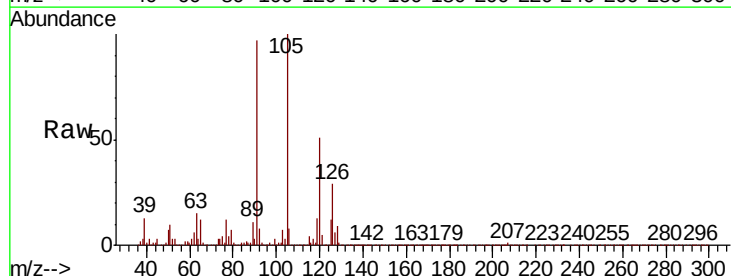
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBSD02

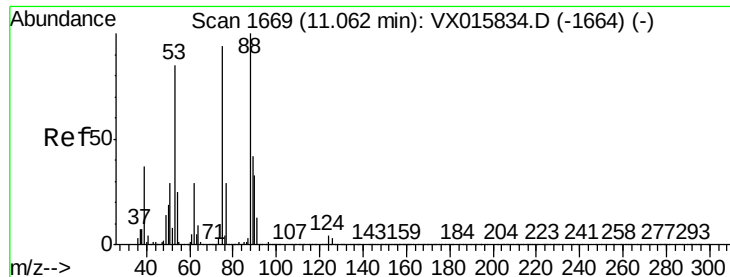
Tot Ion: 91 Resp: 537203
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.2 51.5



#80
 1,3,5-Trimethylbenzene
 Concen: 19.466 ug/l
 RT: 11.50 min Scan# 1740
 Delta R.T. 0.00 min
 Lab File: VX015907.D
 Acq: 23 Apr 2020 22:18

Tgt Ion: 105 Resp: 673107
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 17.527 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. 0.00 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBSD02

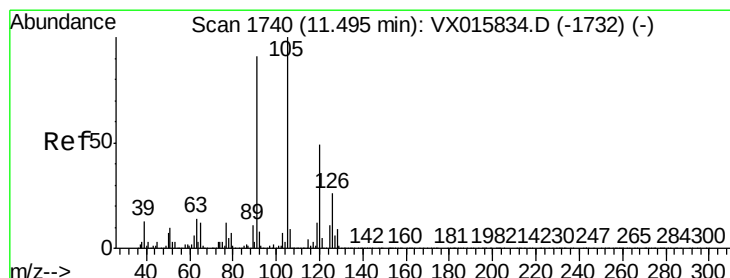
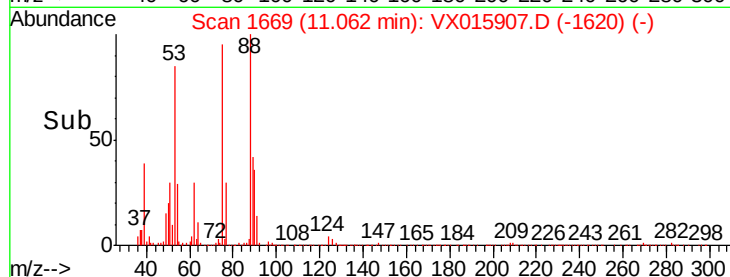
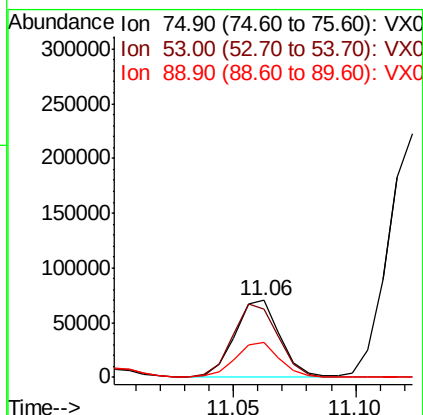
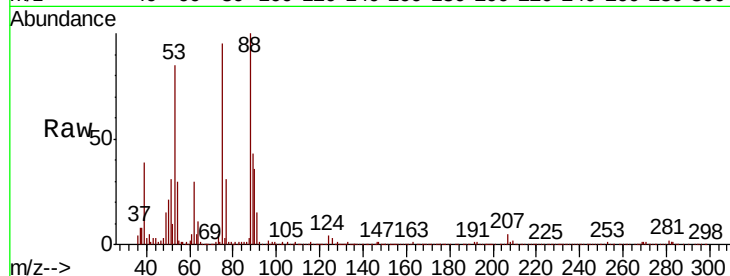
Tot Ion: 75 Resp: 88469

Ion Ratio Lower Upper

75 100

53 96.0 74.2 111.2

89 44.9 38.0 57.0



#82

4-Chlorotoluene

Concen: 19.355 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015907.D

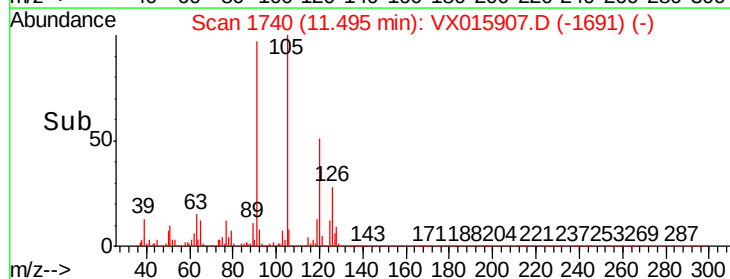
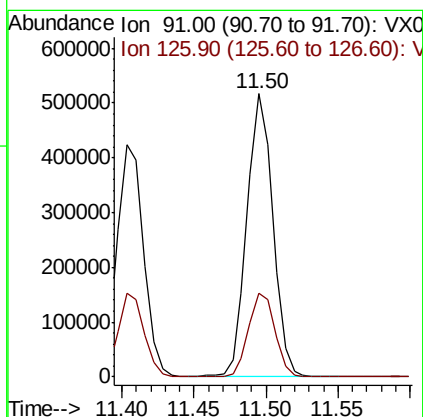
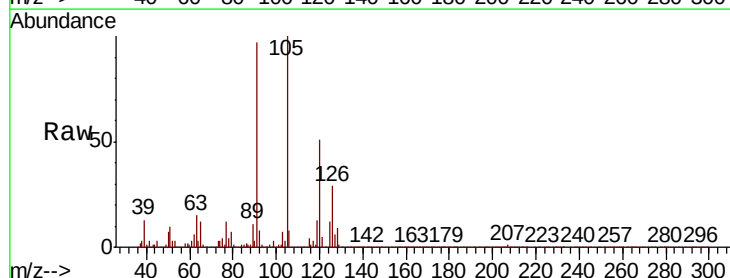
Acq: 23 Apr 2020 22:18

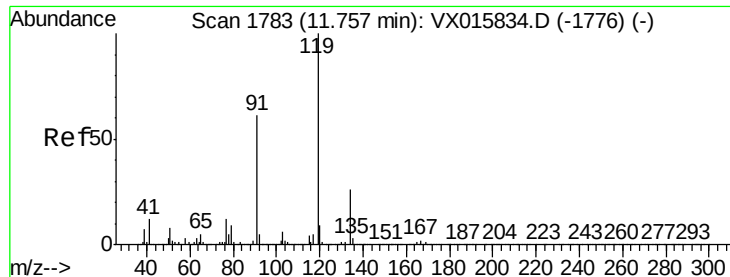
Tgt Ion: 91 Resp: 641797

Ion Ratio Lower Upper

91 100

126 30.0 15.0 45.0

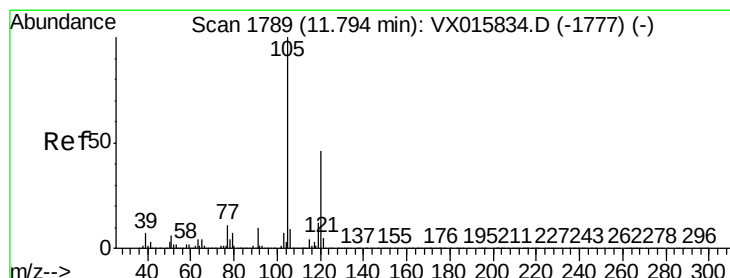
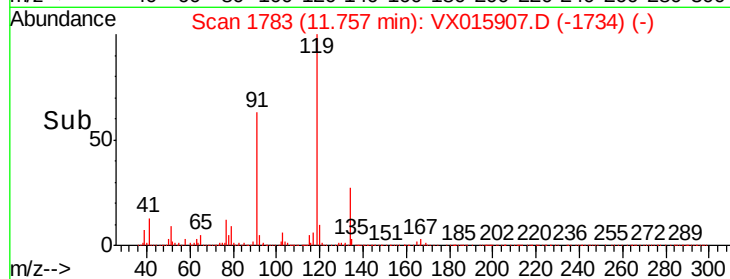
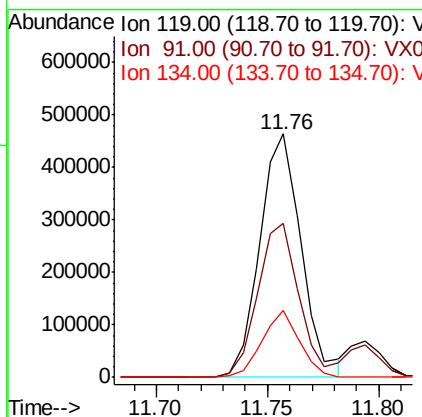
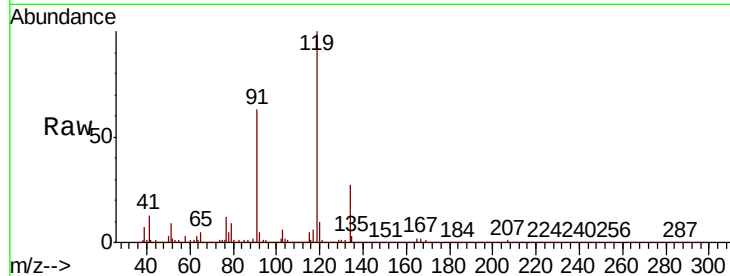




#83
 tert-Butylbenzene
 Concen: 19.568 ug/l
 RT: 11.76 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX015907.D
 Acq: 23 Apr 2020 22:18

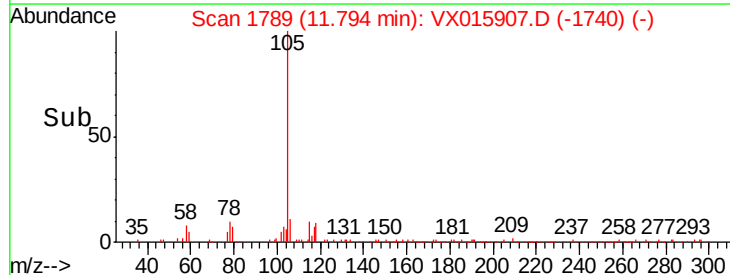
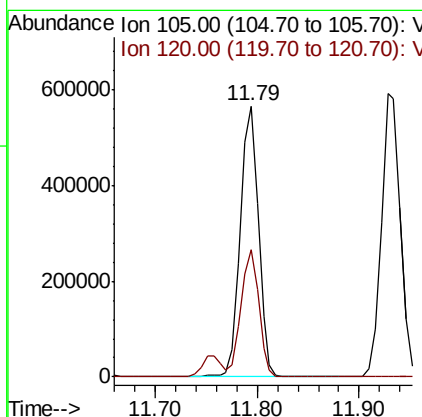
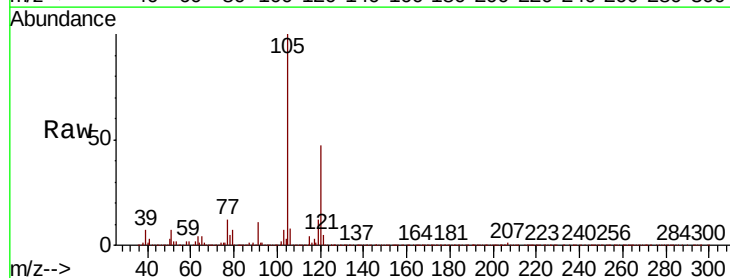
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBSD02

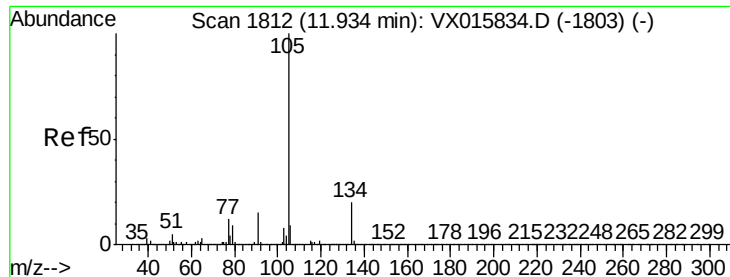
Tot Ion	Ratio	Lower	Upper
119	100		
91	62.3	30.9	92.7
134	24.9	12.4	37.2



#84
 1,2,4-Trimethylbenzene
 Concen: 19.314 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX015907.D
 Acq: 23 Apr 2020 22:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	22.9	68.7





#85

sec-Butylbenzene

Concen: 19.134 ug/l

RT: 11.93 min Scan# 1811

Delta R.T. -0.01 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Instrument :

MSVOA_X

ClientSampleId :

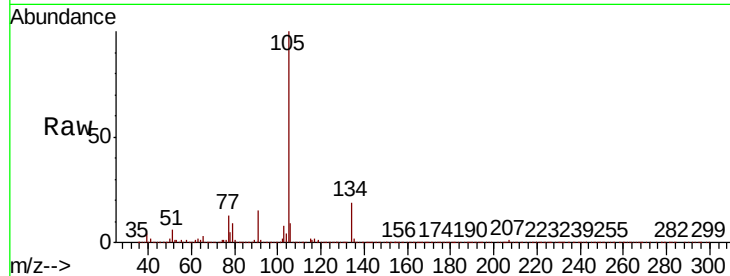
VX0423WBSD02

Tot Ion:105 Resp: 773670

Ion Ratio Lower Upper

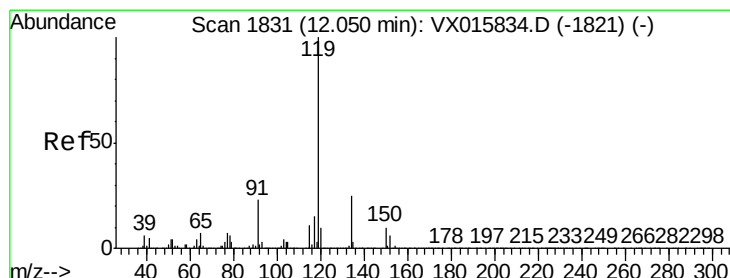
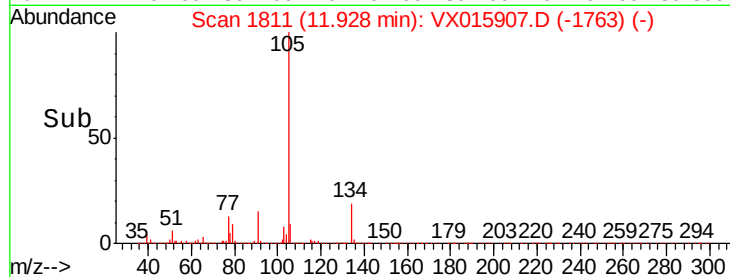
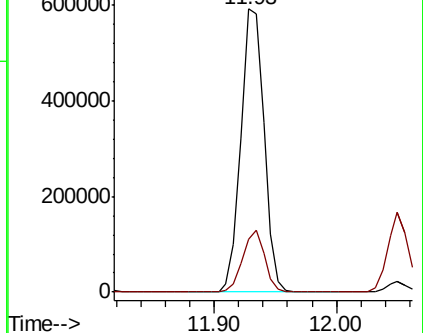
105 100

134 20.7 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.343 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

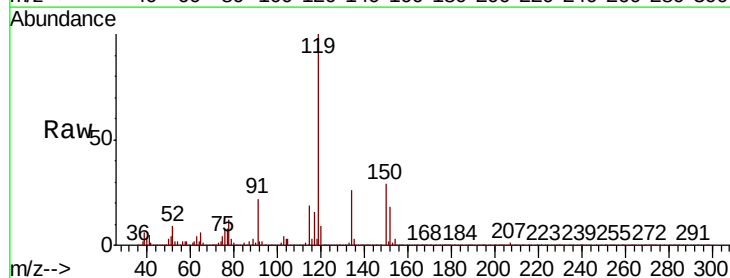
Tgt Ion:119 Resp: 731328

Ion Ratio Lower Upper

119 100

134 26.5 13.0 38.9

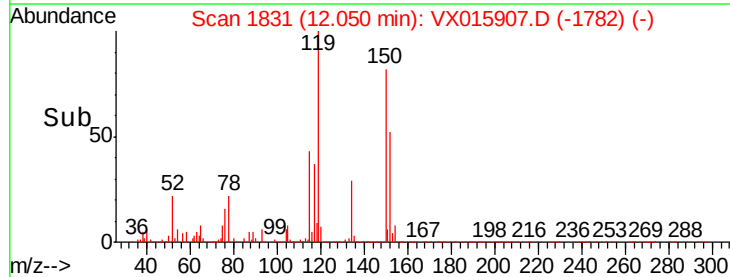
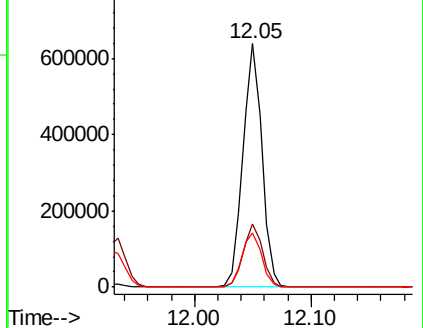
91 23.4 11.5 34.5

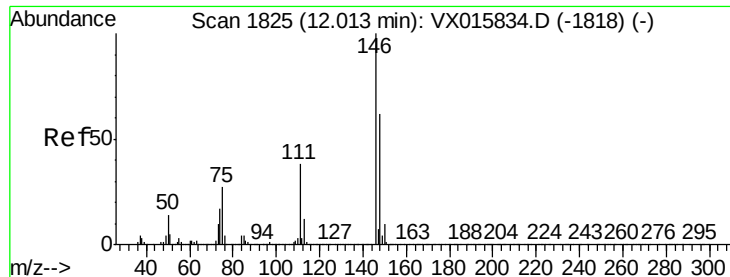


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

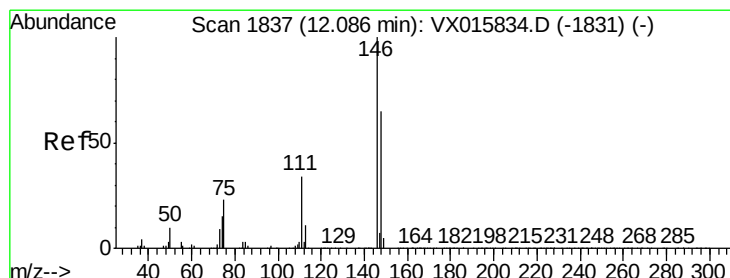
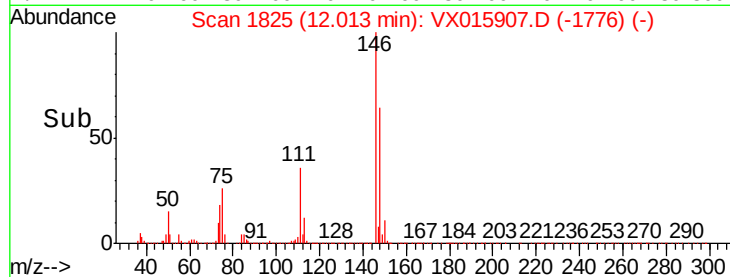
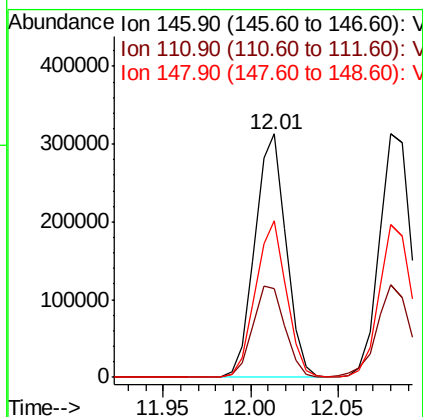
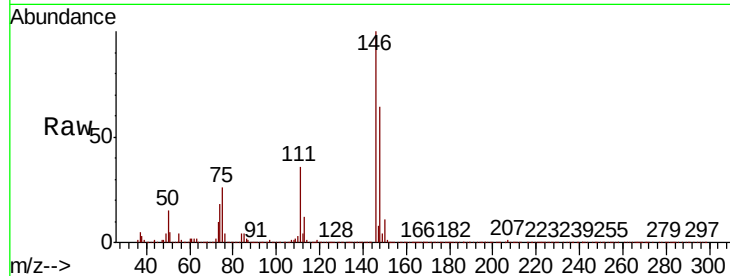




#87
 1,3-Dichlorobenzene
 Concen: 19.081 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015907.D
 Acq: 23 Apr 2020 22:18

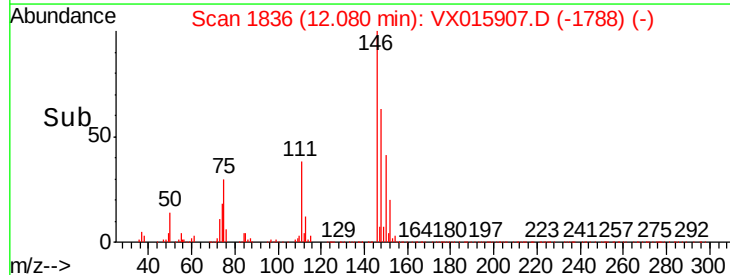
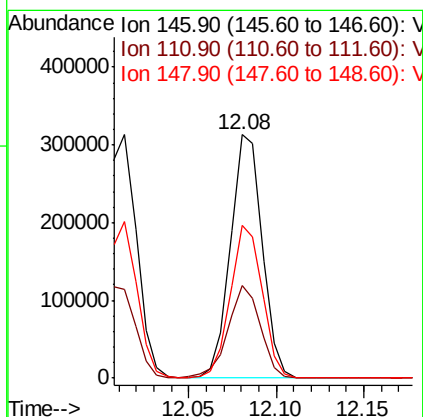
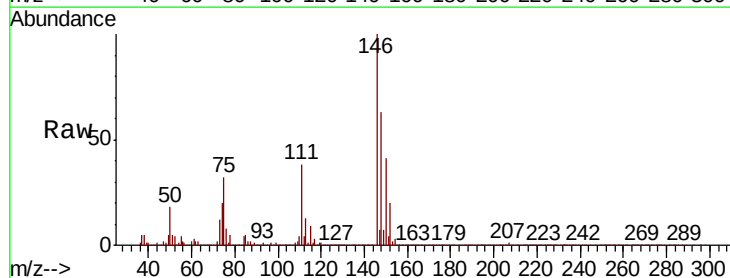
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBSD02

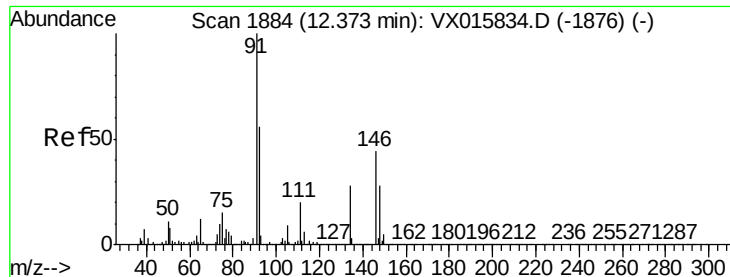
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.1	57.1
148	63.8	30.9	92.7



#88
 1,4-Dichlorobenzene
 Concen: 19.403 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015907.D
 Acq: 23 Apr 2020 22:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.4	58.2
148	63.2	33.8	101.4

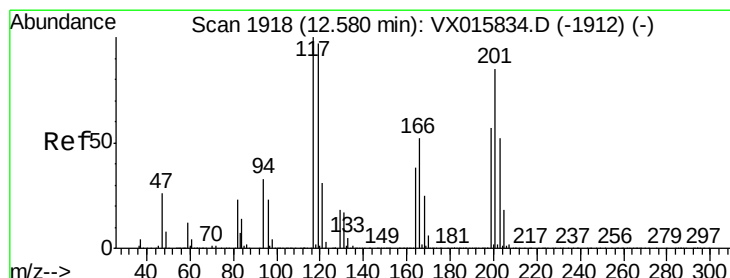
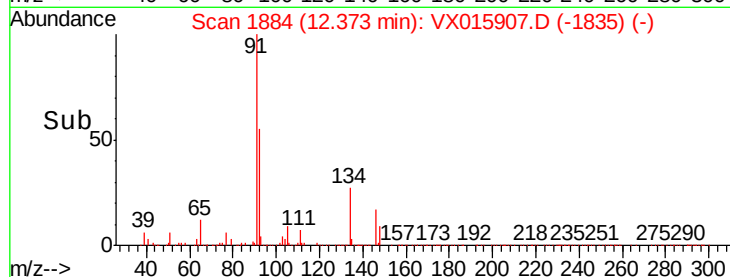
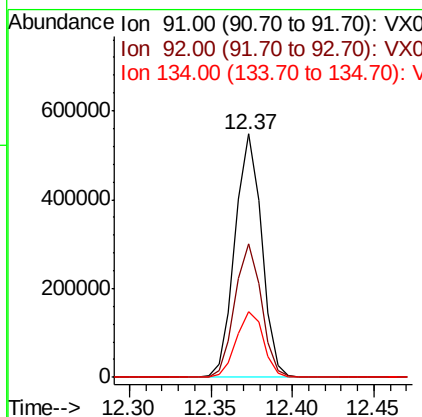
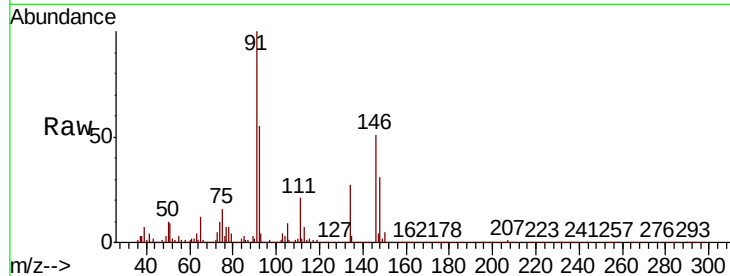




#89
n-Butylbenzene
Concen: 18.433 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

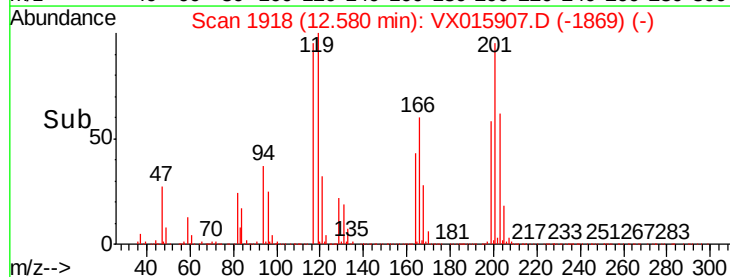
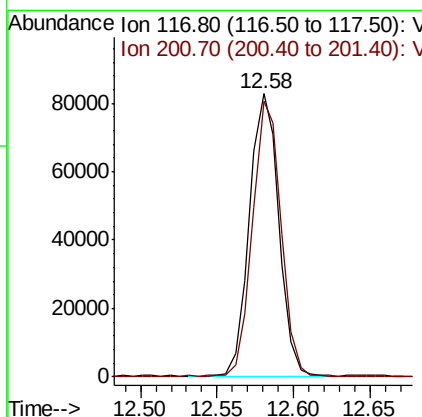
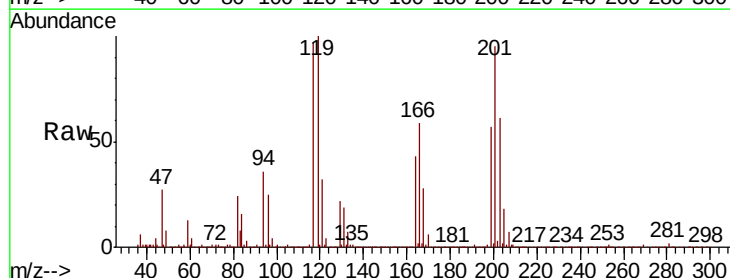
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD02

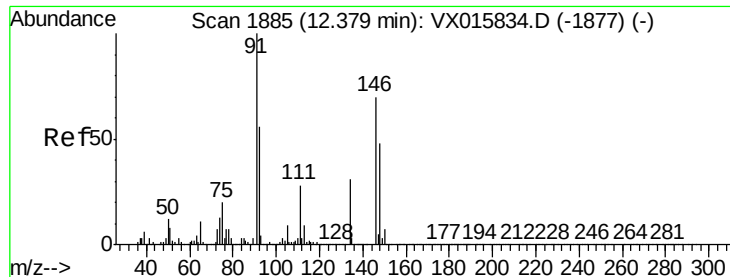
Tot Ion: 91 Resp: 623112
Ion Ratio Lower Upper
91 100
92 54.8 27.7 83.1
134 27.5 14.1 42.4



#90
Hexachloroethane
Concen: 27.517 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Tgt Ion: 117 Resp: 109907
Ion Ratio Lower Upper
117 100
201 94.4 45.6 136.9





#91

1,2-Dichlorobenzene

Concen: 19.214 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBSD02

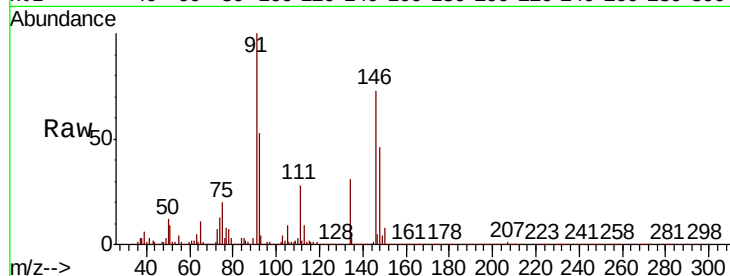
Tot Ion:146 Resp: 370665

Ion Ratio Lower Upper

146 100

111 40.7 20.3 61.0

148 63.6 32.1 96.3

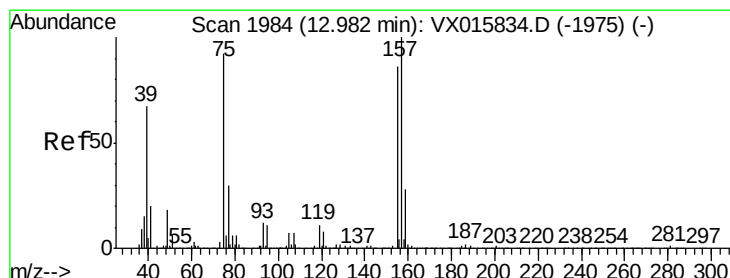
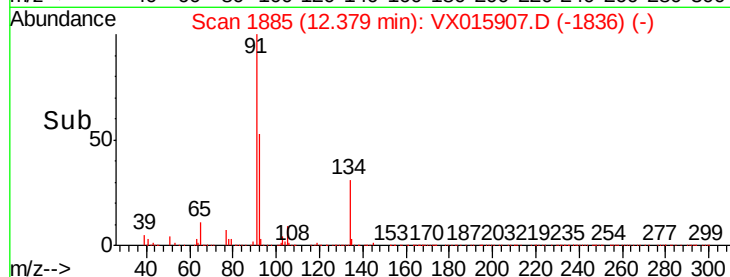
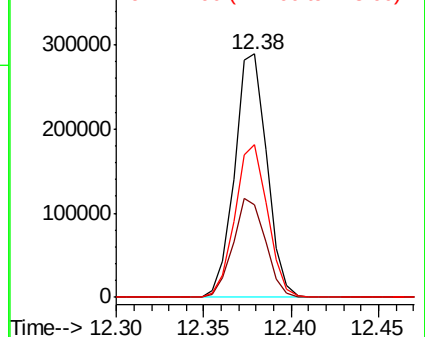


Abundance

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: 21.628 ug/l

RT: 12.98 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

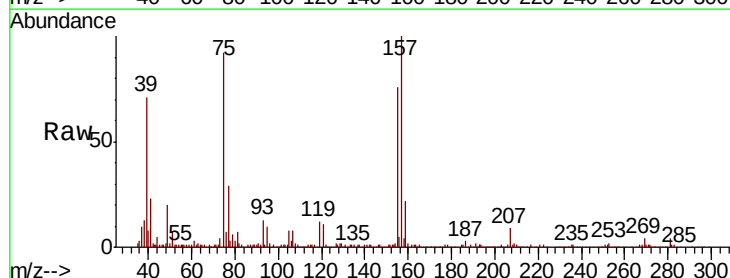
Tgt Ion: 75 Resp: 55047

Ion Ratio Lower Upper

75 100

155 91.2 48.1 144.4

157 116.5 58.9 176.7

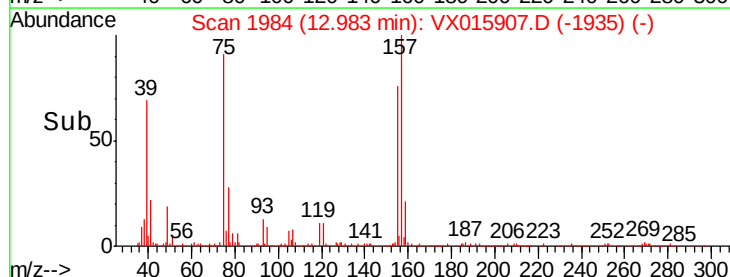
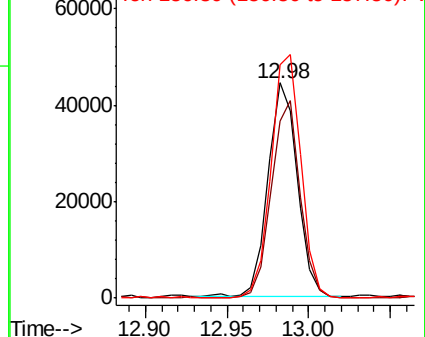


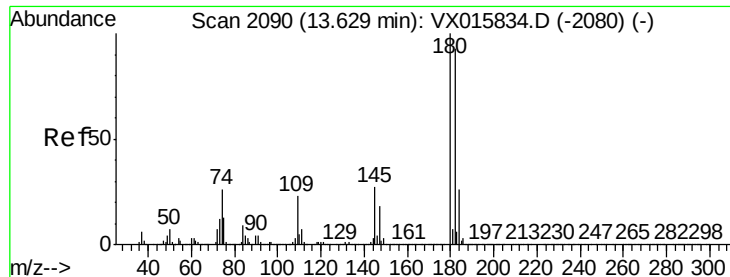
Abundance

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

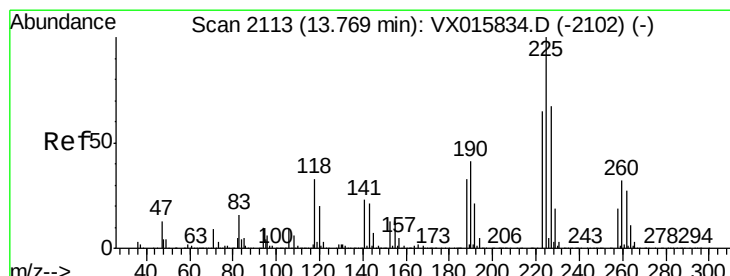
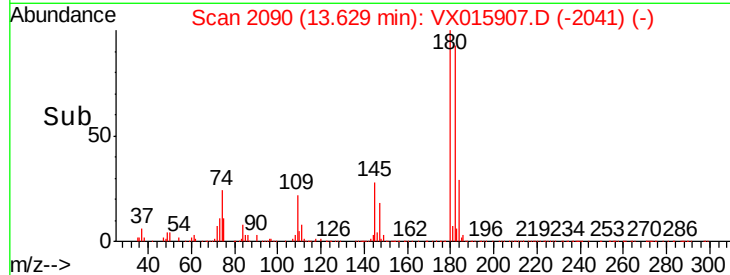
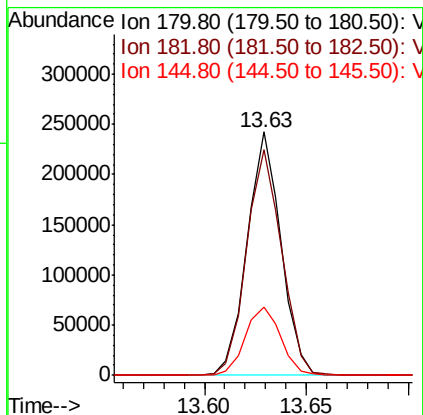
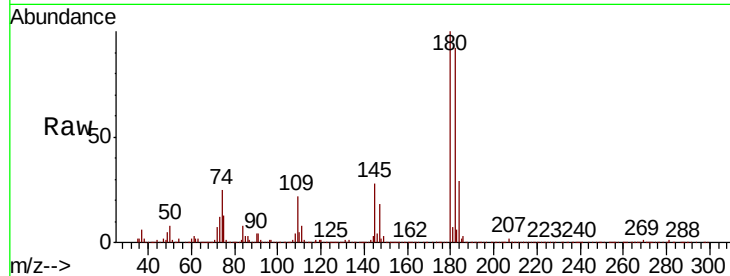




#93
 1,2,4-Trichlorobenzene
 Concen: 18.402 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015907.D
 Acq: 23 Apr 2020 22:18

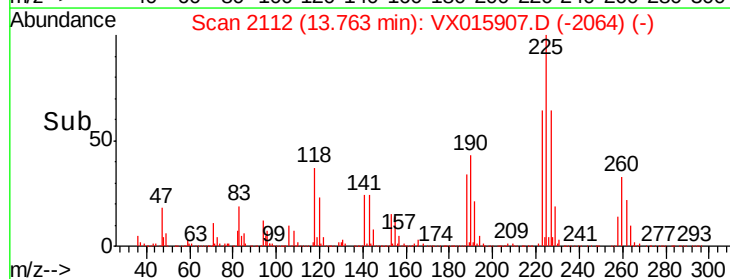
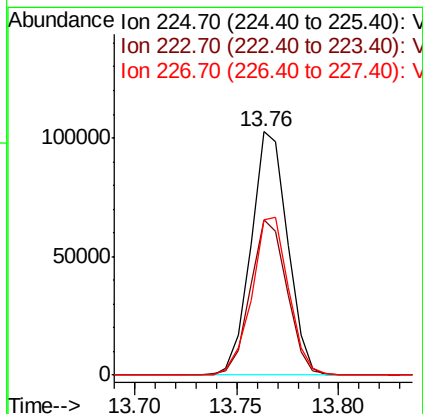
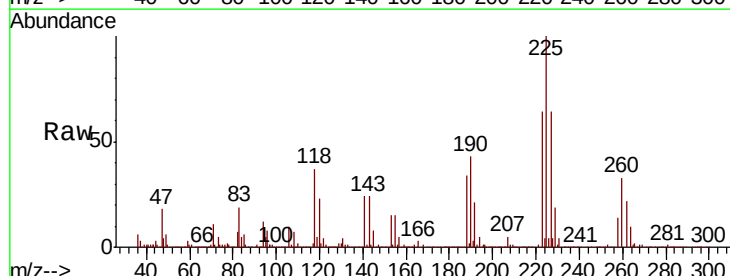
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBSD02

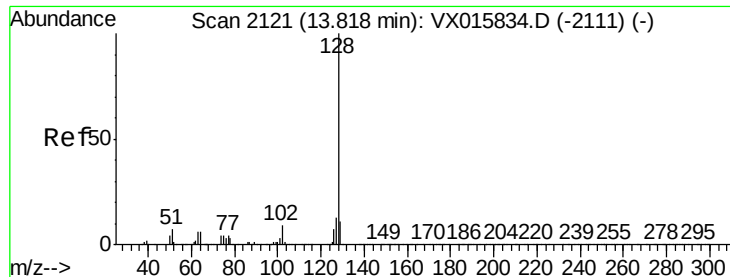
Tot Ion:180 Resp: 279708
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.7 143.1
 145 29.8 14.5 43.5



#94
 Hexachlorobutadiene
 Concen: 18.844 ug/l
 RT: 13.76 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: VX015907.D
 Acq: 23 Apr 2020 22:18

Tgt Ion:225 Resp: 128426
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.3 93.8
 227 65.4 32.6 97.8

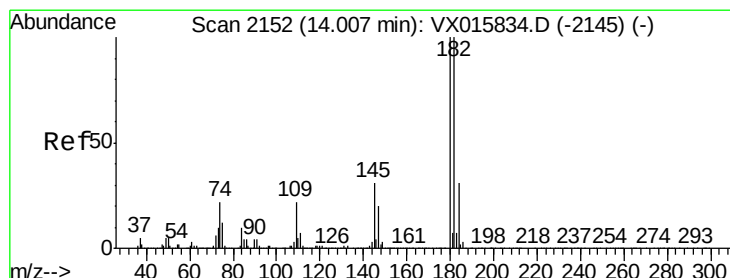
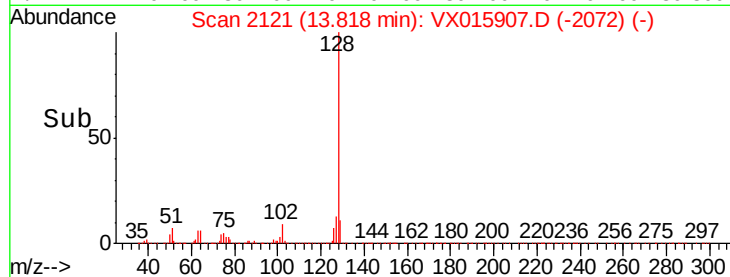
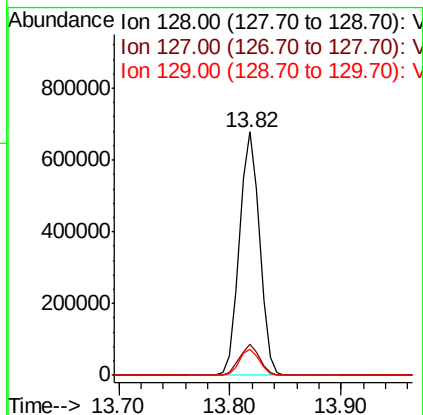
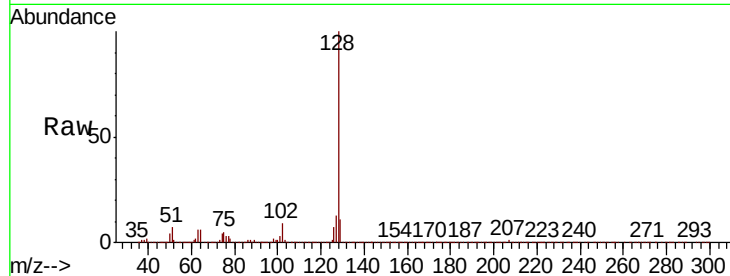




#95
Naphthalene
Concen: 19.427 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	10.8	8.5	12.7



#96
1,2,3-Trichlorobenzene
Concen: 18.134 ug/l
RT: 14.00 min Scan# 2151
Delta R.T. -0.01 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.0	47.9	143.7
145	32.7	15.2	45.5

