

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122419\
 Data File : VX014246.D
 Acq On : 24 Dec 2019 15:38
 Operator : JC/SP
 Sample : VX1224WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBSD01

Quant Time: Dec 25 05:41:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	504284	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	801945	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	709709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	344582	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	298248	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
35) Dibromofluoromethane	5.49	113	243508	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
50) Toluene-d8	8.71	98	953871	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
62) 4-Bromofluorobenzene	11.13	95	337593	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	78007	17.291	ug/l	99
3) Chloromethane	1.32	50	111627	18.437	ug/l	98
4) Vinyl Chloride	1.40	62	115981	18.155	ug/l	98
5) Bromomethane	1.63	94	75584	16.669	ug/l	98
6) Chloroethane	1.72	64	75432	19.131	ug/l	97
7) Trichlorofluoromethane	1.92	101	147880	18.699	ug/l	96
8) Diethyl Ether	2.18	74	70595	19.020	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	89520	18.778	ug/l	99
10) Methyl Iodide	2.50	142	99100	17.558	ug/l	98
11) Tert butyl alcohol	3.03	59	126462	102.402	ug/l	98
12) 1,1-Dichloroethene	2.37	96	90718	18.701	ug/l	98
13) Acrolein	2.28	56	67116	94.940	ug/l	99
14) Allyl chloride	2.72	41	170385	19.672	ug/l	100
15) Acrylonitrile	3.13	53	301130	104.469	ug/l	99
16) Acetone	2.43	43	252821	68.137	ug/l	98
17) Carbon Disulfide	2.56	76	230862	17.636	ug/l	98
18) Methyl Acetate	2.76	43	159774	21.731	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	320763	20.123	ug/l	98
20) Methylene Chloride	2.85	84	108385	18.549	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	100181	18.746	ug/l	98
22) Diisopropyl ether	3.84	45	354796	20.557	ug/l	95
23) Vinyl Acetate	3.80	43	1253210	88.977	ug/l	99
24) 1,1-Dichloroethane	3.69	63	188446	19.625	ug/l	99
25) 2-Butanone	4.65	43	419495	91.701	ug/l	99
26) 2,2-Dichloropropane	4.58	77	132621	17.788	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	117722	19.478	ug/l	99
28) Bromochloromethane	5.01	49	79851	21.880	ug/l	96
29) Tetrahydrofuran	5.11	42	274174	107.154	ug/l	99
30) Chloroform	5.20	83	179639	19.734	ug/l	95
31) Cyclohexane	5.57	56	166544	19.501	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	148190	19.101	ug/l	99
36) 1,1-Dichloropropene	5.79	75	133223	18.105	ug/l	100
37) Ethyl Acetate	4.82	43	164455	20.239	ug/l	100
38) Carbon Tetrachloride	5.78	117	123472	18.419	ug/l	97

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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)
39) Methylcyclohexane	7.45	83	160084	17.619	ug/l	100
40) Benzene	6.14	78	425393	18.789	ug/l	100
41) Methacrylonitrile	5.03	41	89239	19.793	ug/l	99
42) 1,2-Dichloroethane	6.19	62	146592	19.101	ug/l	100
43) Isopropyl Acetate	6.44	43	266545	19.821	ug/l	100
44) Trichloroethene	7.20	130	116509	18.631	ug/l	97
45) 1,2-Dichloropropane	7.51	63	110922	19.115	ug/l	96
46) Dibromomethane	7.65	93	70641	18.412	ug/l	99
47) Bromodichloromethane	7.89	83	134585	18.626	ug/l	99
48) Methyl methacrylate	7.76	41	129189	19.619	ug/l	98
49) 1,4-Dioxane	7.73	88	52084	388.675	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	847145	100.310	ug/l	99
52) Toluene	8.78	92	265723	18.568	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	145235	18.331	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	166632	18.878	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	110426	19.253	ug/l	98
56) Ethyl methacrylate	9.17	69	171147	18.996	ug/l	99
57) 1,3-Dichloropropane	9.37	76	186143	19.290	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	341560	100.179	ug/l	100
59) 2-Hexanone	9.48	43	636722	93.657	ug/l	99
60) Dibromochloromethane	9.57	129	107394	18.837	ug/l	98
61) 1,2-Dibromoethane	9.67	107	113615	19.361	ug/l	98
64) Tetrachloroethene	9.33	164	153067	24.374	ug/l	97
65) Chlorobenzene	10.14	112	279992	18.555	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	103004	19.117	ug/l	99
67) Ethyl Benzene	10.25	91	494360	19.055	ug/l	100
68) m/p-Xylenes	10.36	106	377620	37.844	ug/l	99
69) o-Xylene	10.70	106	183917	18.794	ug/l	98
70) Styrene	10.71	104	310680	18.774	ug/l	100
71) Bromoform	10.85	173	78841	18.204	ug/l #	98
73) Isopropylbenzene	11.01	105	488203	20.123	ug/l	99
74) N-amyl acetate	10.89	43	224392	19.732	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	162135	19.276	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	185289	24.769	ug/l	92
77) Bromobenzene	11.25	156	127601	19.116	ug/l	97
78) n-propylbenzene	11.35	91	537817	19.763	ug/l	100
79) 2-Chlorotoluene	11.42	91	320695	19.386	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	401097	19.644	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	49088	18.521	ug/l	91
82) 4-Chlorotoluene	11.51	91	363914	18.965	ug/l	99
83) tert-Butylbenzene	11.76	119	350491	17.639	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	395118	19.323	ug/l	100
85) sec-Butylbenzene	11.94	105	458895	19.563	ug/l	100
86) p-Isopropyltoluene	12.06	119	414992	19.340	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	217980	18.633	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	217783	18.308	ug/l	99
89) n-Butylbenzene	12.39	91	344342	18.807	ug/l	99
90) Hexachloroethane	12.59	117	70748	18.356	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	218916	18.589	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	34480	18.524	ug/l	97

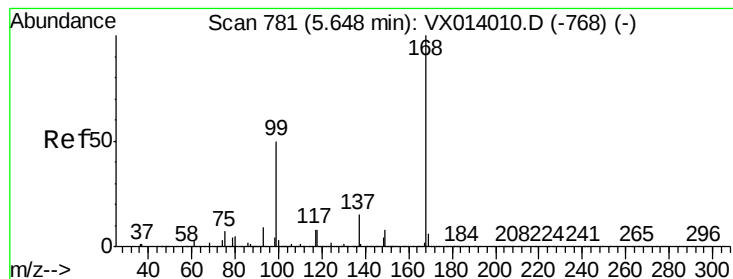
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122419\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	140303	18.330	ug/l	98
94) Hexachlorobutadiene	13.78	225	66351	18.036	ug/l	98
95) Naphthalene	13.83	128	449674	19.995	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	142654	18.879	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Instrument :

MSVOA_X

ClientSampleId :

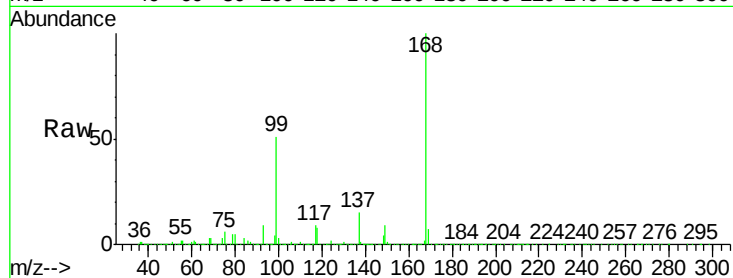
VX1224WBSD01

Tgt Ion:168 Resp: 504284

Ion Ratio Lower Upper

168 100

99 50.9 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

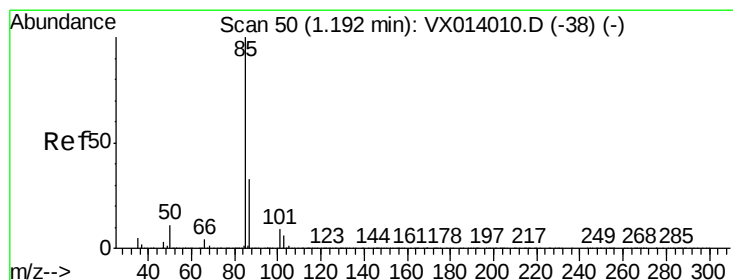
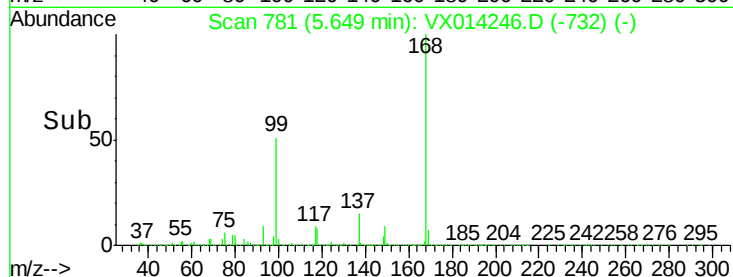
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 17.291 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014246.D

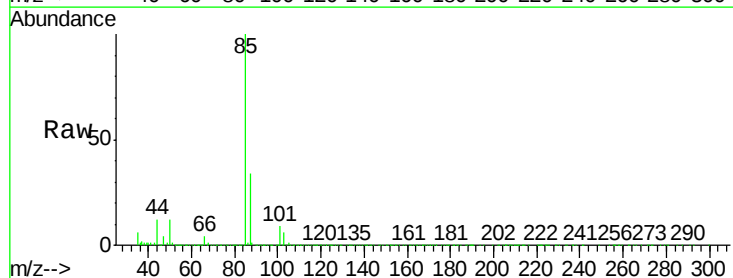
Acq: 24 Dec 2019 15:38

Tgt Ion: 85 Resp: 78007

Ion Ratio Lower Upper

85 100

87 33.4 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

80000

60000

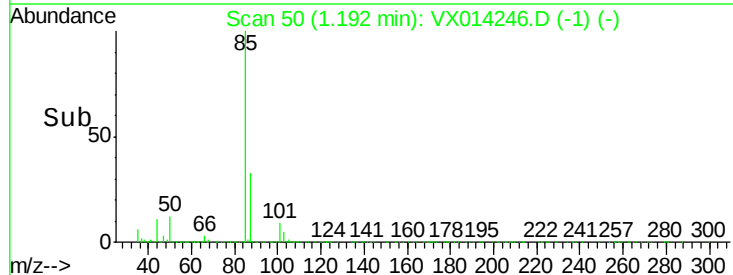
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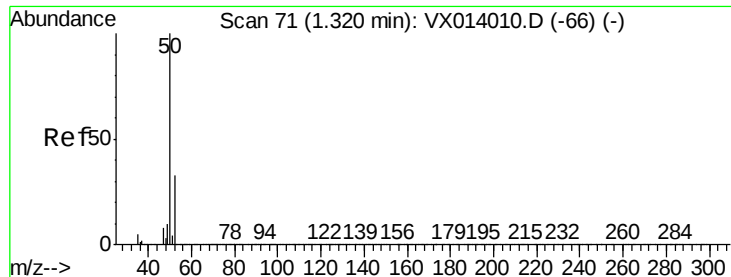
20000

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1.10 1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 18.437 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Instrument :

MSVOA_X

ClientSampleId :

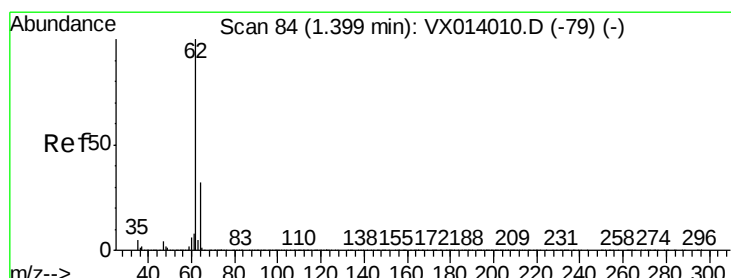
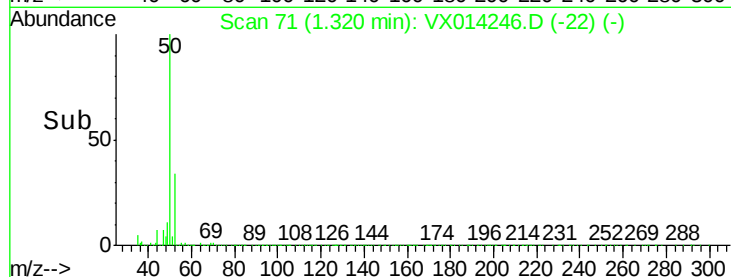
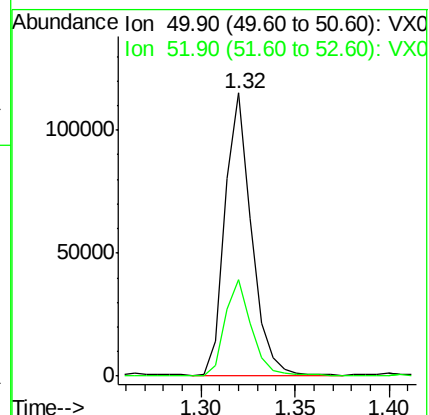
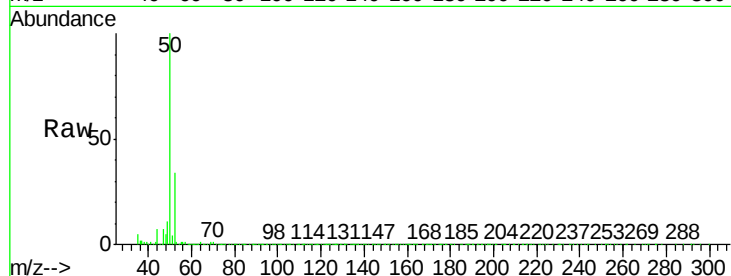
VX1224WBSD01

Tgt Ion: 50 Resp: 111627

Ion Ratio Lower Upper

50 100

52 34.1 26.2 39.4



#4

Vinyl Chloride

Concen: 18.155 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014246.D

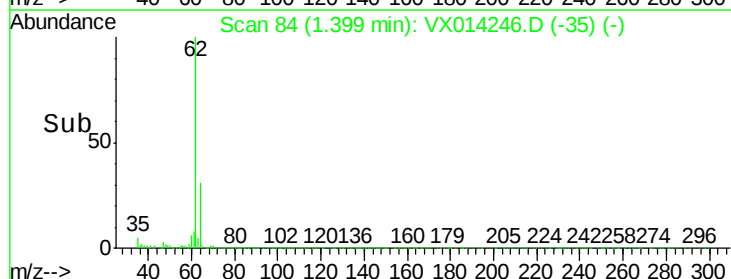
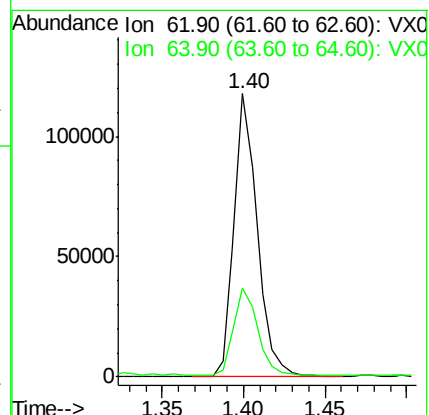
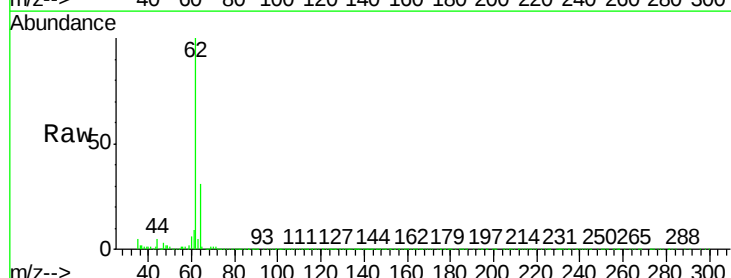
Acq: 24 Dec 2019 15:38

Tgt Ion: 62 Resp: 115981

Ion Ratio Lower Upper

62 100

64 30.9 25.7 38.5





#5

Bromomethane

Concen: 16.669 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Instrument :

MSVOA_X

ClientSampleId :

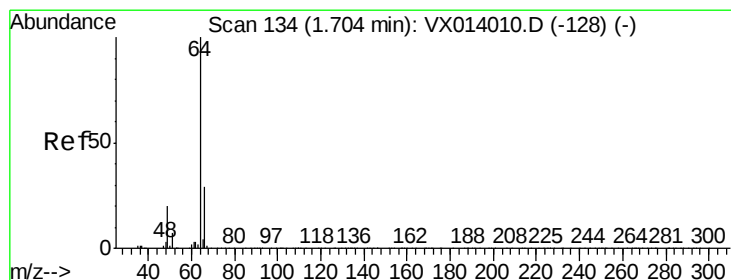
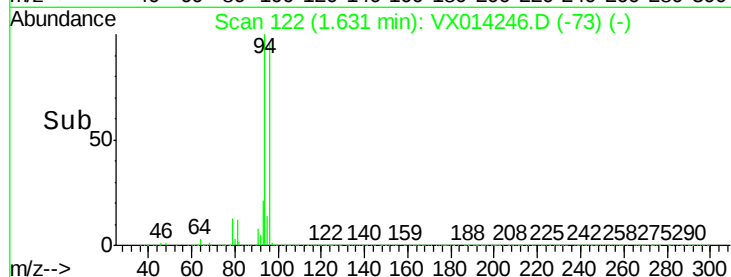
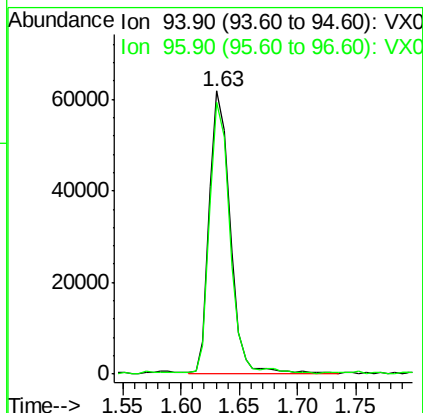
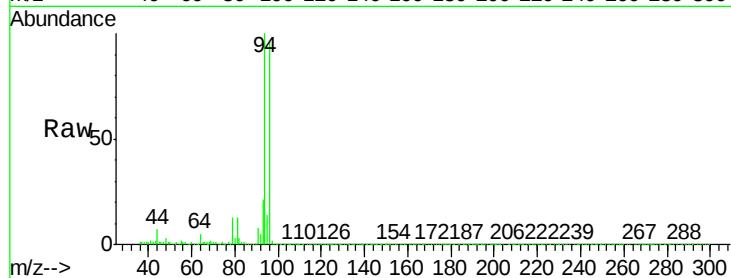
VX1224WBSD01

Tgt Ion: 94 Resp: 75584

Ion Ratio Lower Upper

94 100

96 96.0 75.2 112.8



#6

Chloroethane

Concen: 19.131 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014246.D

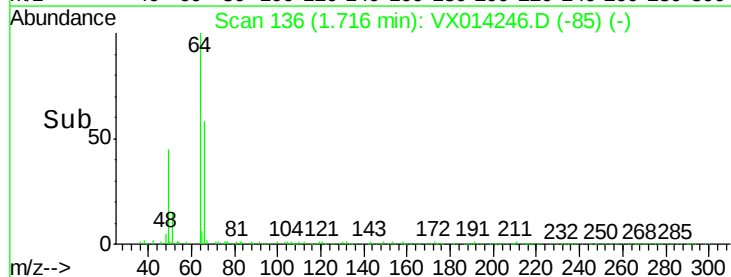
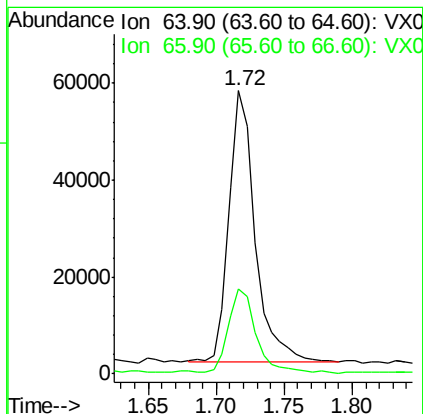
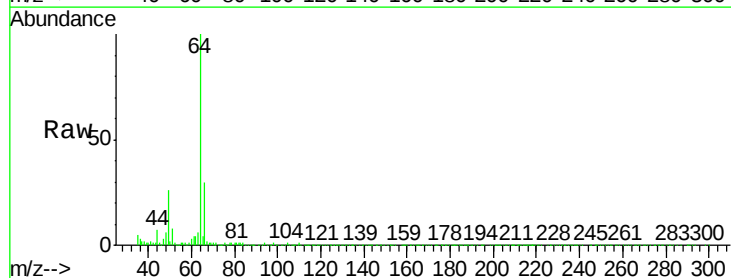
Acq: 24 Dec 2019 15:38

Tgt Ion: 64 Resp: 75432

Ion Ratio Lower Upper

64 100

66 30.8 23.4 35.2



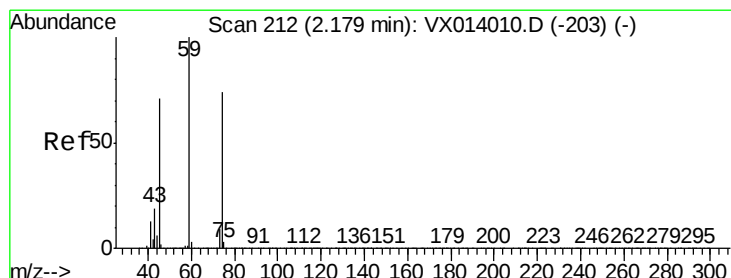
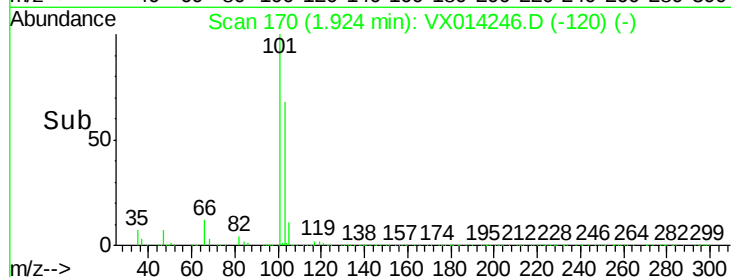
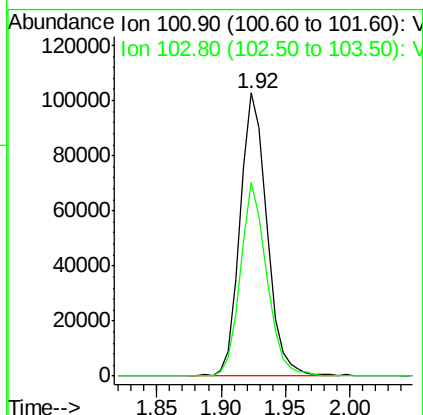
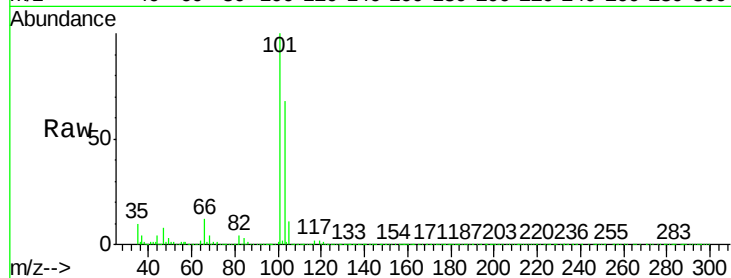


#7

Trichlorofluoromethane
Concen: 18.699 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

Instrument :
MSVOA_X
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VX1224WBSD01

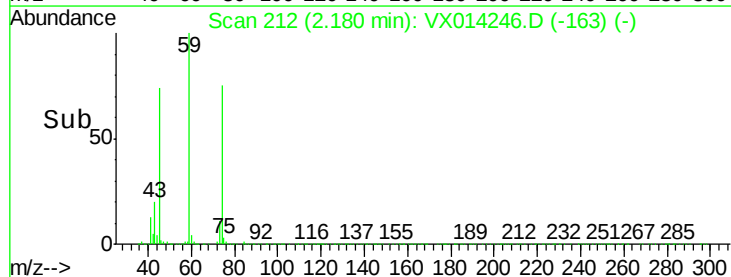
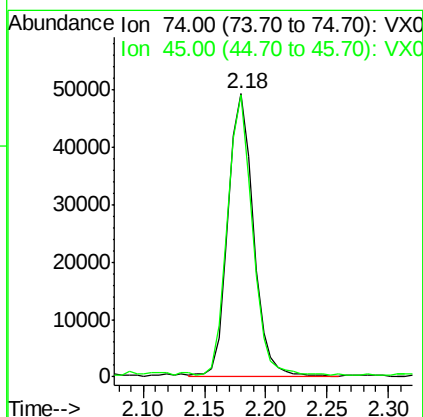
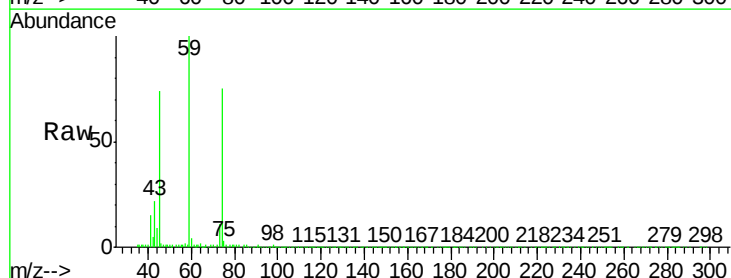
Tgt Ion:101 Resp: 147880
Ion Ratio Lower Upper
101 100
103 68.4 52.2 78.4



#8

Diethyl Ether
Concen: 19.020 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

Tgt Ion: 74 Resp: 70595
Ion Ratio Lower Upper
74 100
45 96.7 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.778 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBSD01

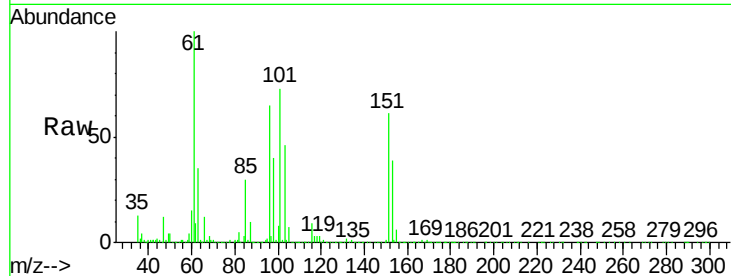
Tgt Ion:101 Resp: 89520

Ion Ratio Lower Upper

101 100

85 41.7 33.7 50.5

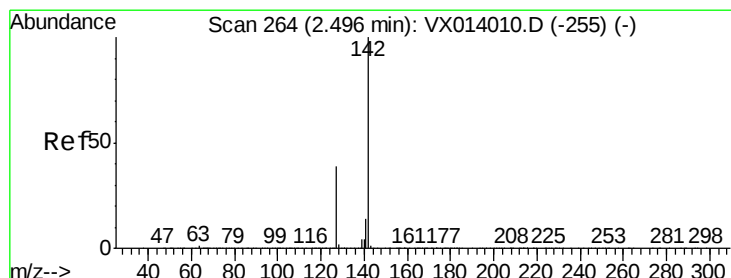
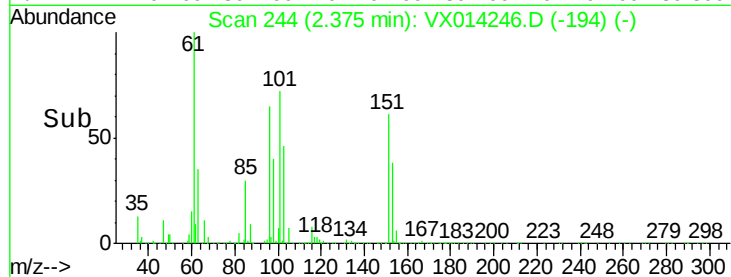
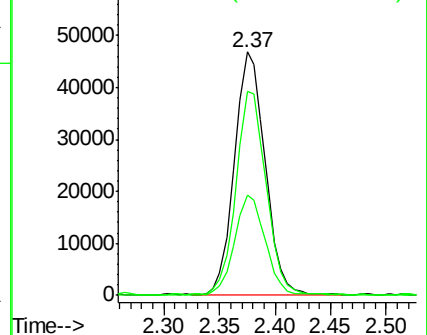
151 82.3 64.5 96.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.558 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

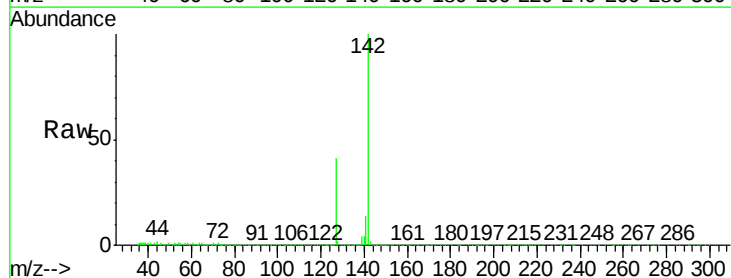
Tgt Ion:142 Resp: 99100

Ion Ratio Lower Upper

142 100

127 41.1 31.6 47.4

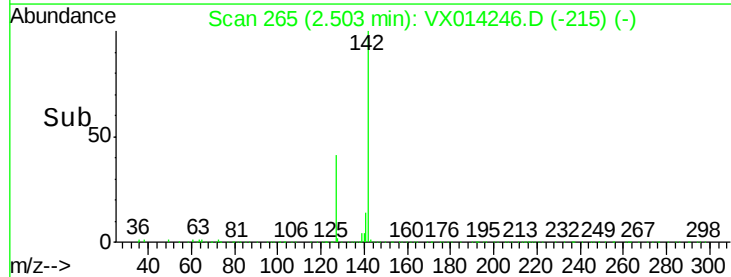
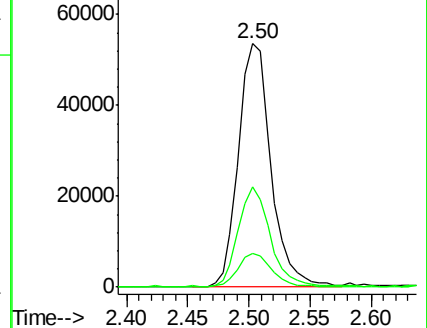
141 14.2 11.6 17.4

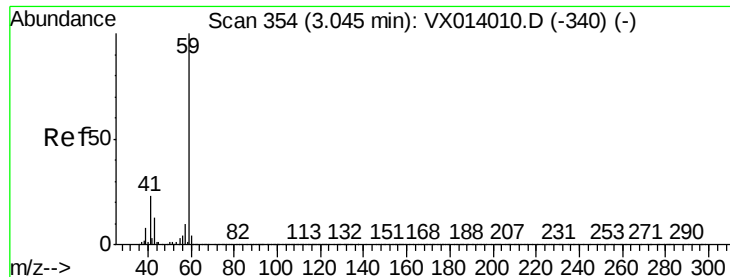


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



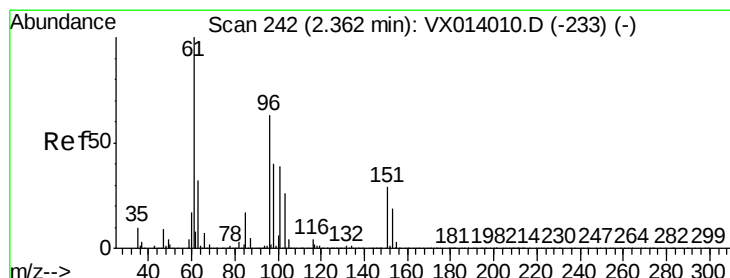
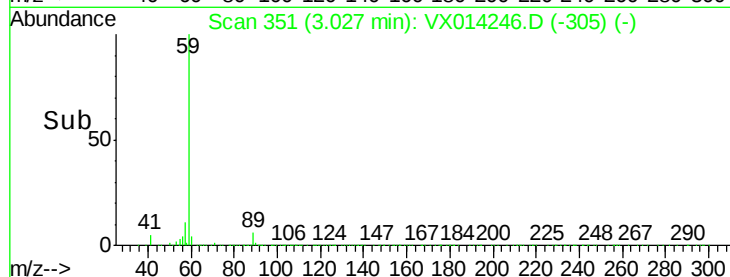
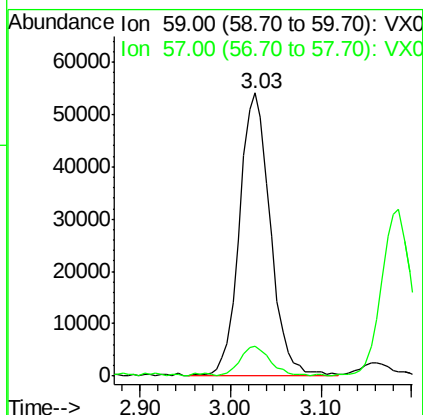
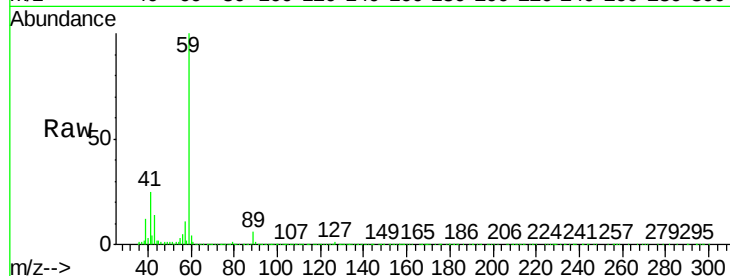


#11

Tert butyl alcohol
Concen: 102.402 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

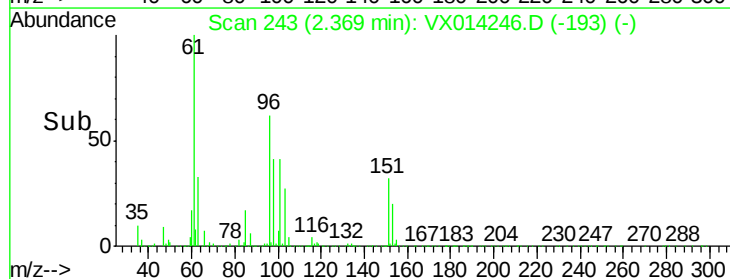
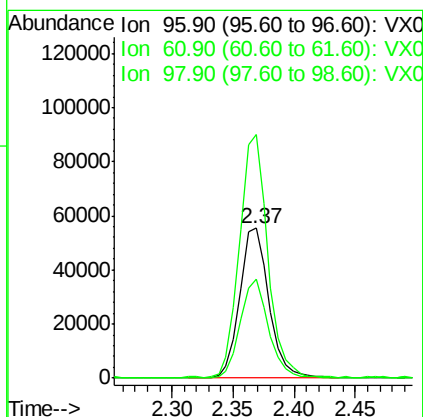
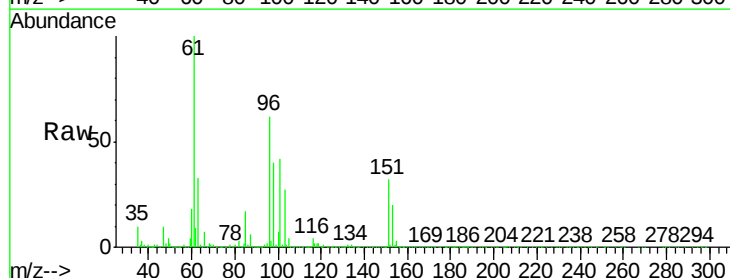
Tgt Ion: 59 Resp: 126462
Ion Ratio Lower Upper
59 100
57 9.8 8.4 12.6

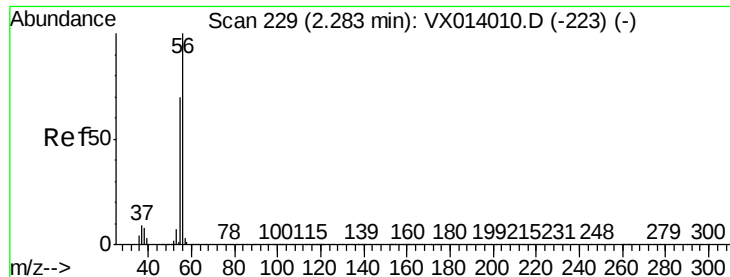


#12

1,1-Dichloroethene
Concen: 18.701 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

Tgt Ion: 96 Resp: 90718
Ion Ratio Lower Upper
96 100
61 162.1 127.9 191.9
98 65.7 50.5 75.7





#13

Acrolein

Concen: 94.940 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Instrument :

MSVOA_X

ClientSampleId :

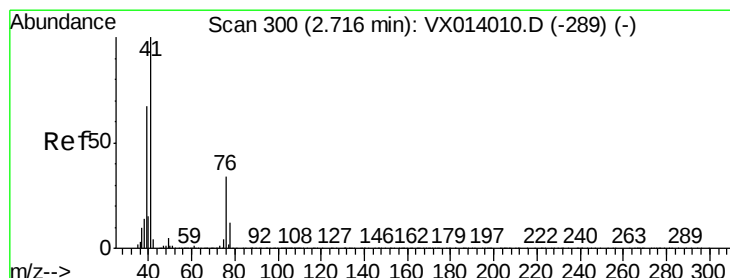
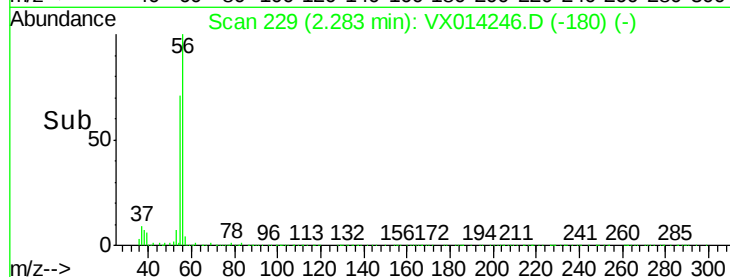
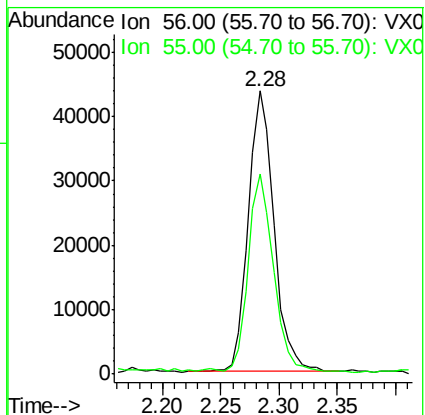
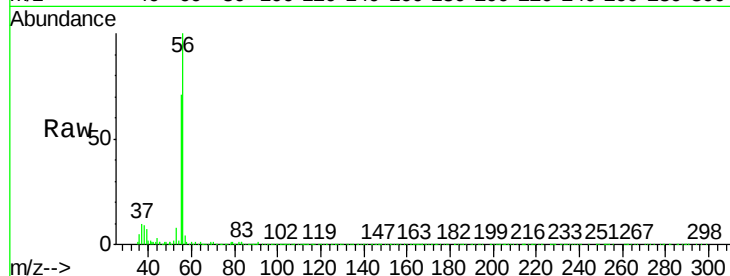
VX1224WBSD01

Tgt Ion: 56 Resp: 67116

Ion Ratio Lower Upper

56 100

55 70.1 56.9 85.3



#14

Allyl chloride

Concen: 19.672 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

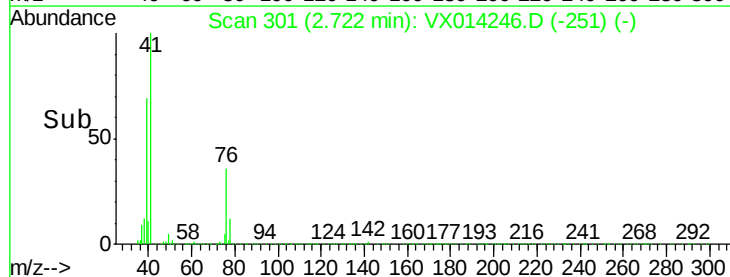
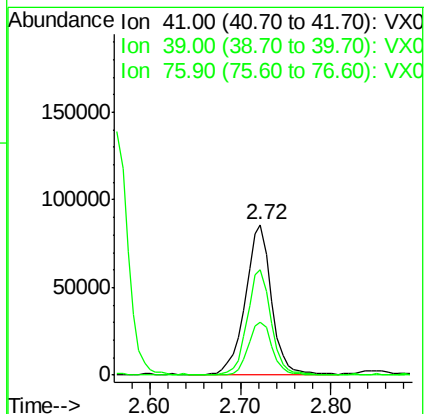
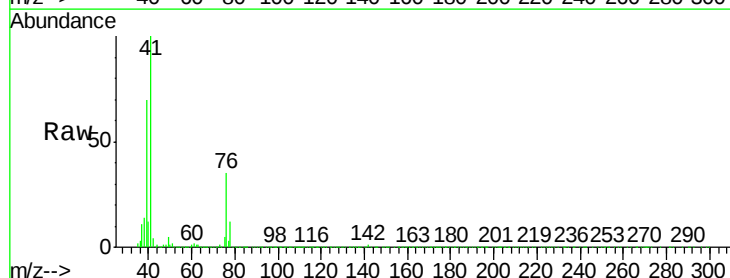
Tgt Ion: 41 Resp: 170385

Ion Ratio Lower Upper

41 100

39 64.5 51.8 77.8

76 32.3 25.9 38.9





#15

Acrylonitrile

Concen: 104.469 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBSD01

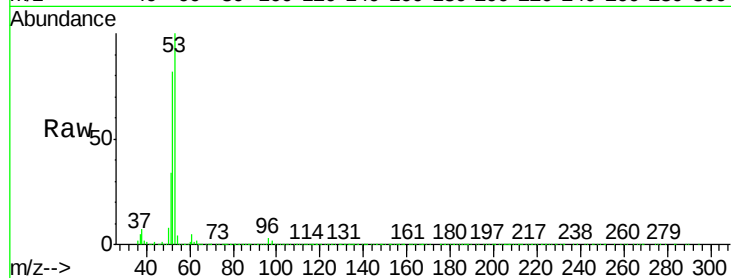
Tgt Ion: 53 Resp: 301130

Ion Ratio Lower Upper

53 100

52 82.0 66.5 99.7

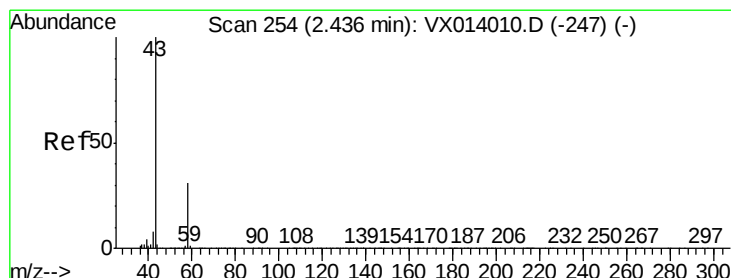
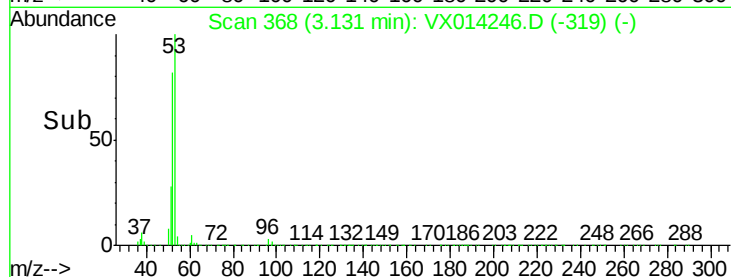
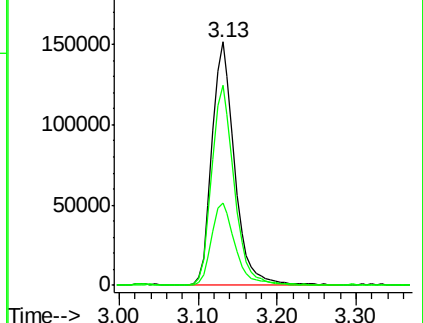
51 35.3 28.1 42.1



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: 68.137 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014246.D

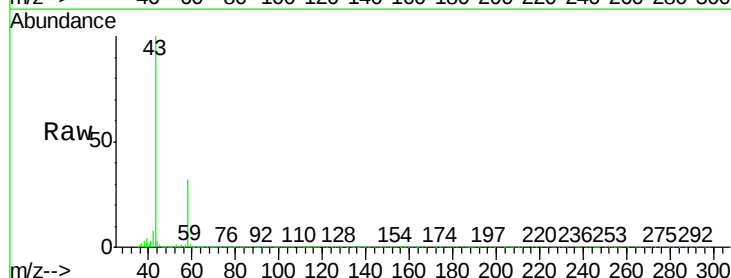
Acq: 24 Dec 2019 15:38

Tgt Ion: 43 Resp: 252821

Ion Ratio Lower Upper

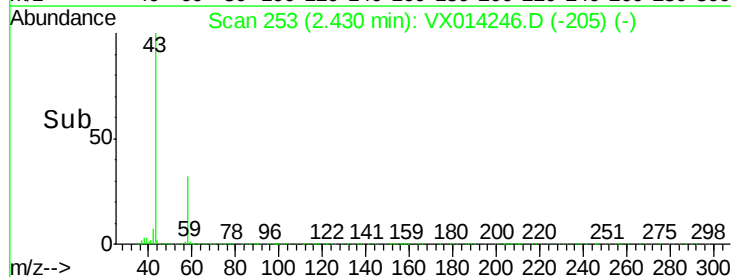
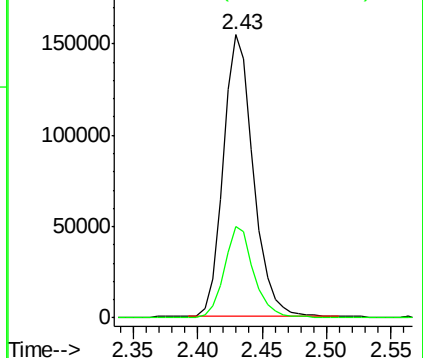
43 100

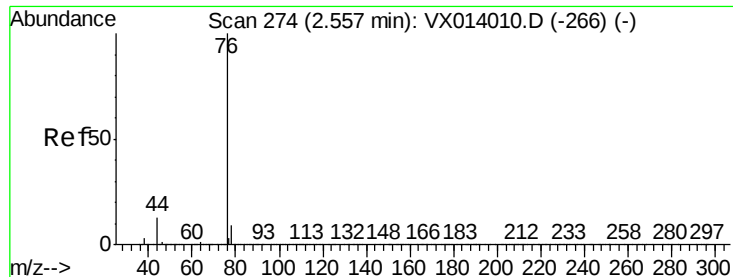
58 32.2 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

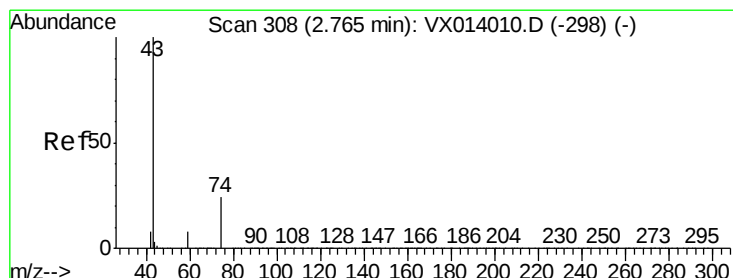
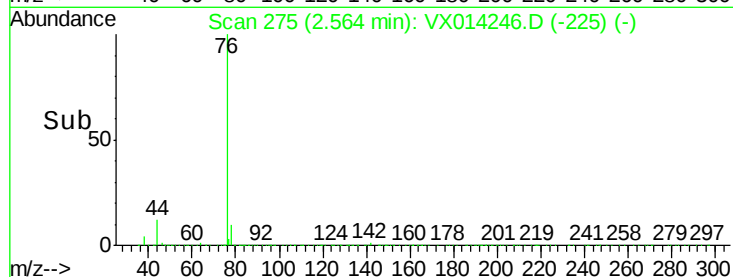
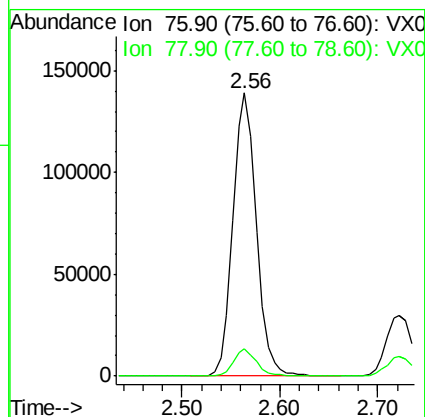
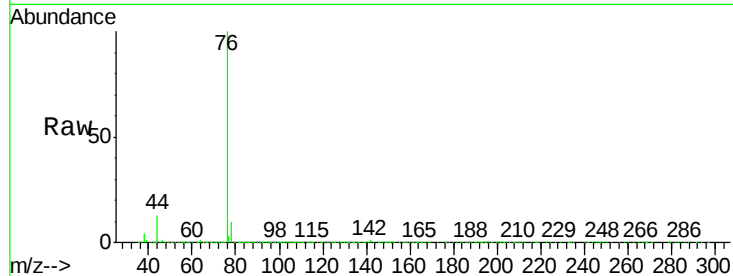




#17
Carbon Disulfide
Concen: 17.636 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

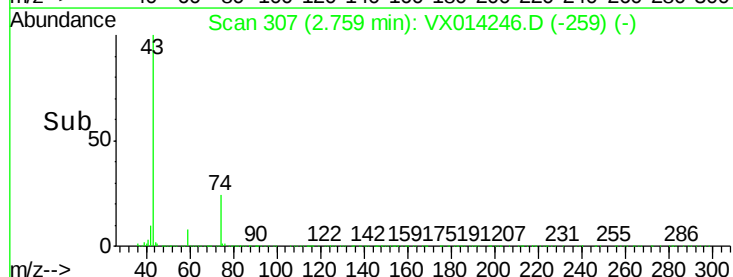
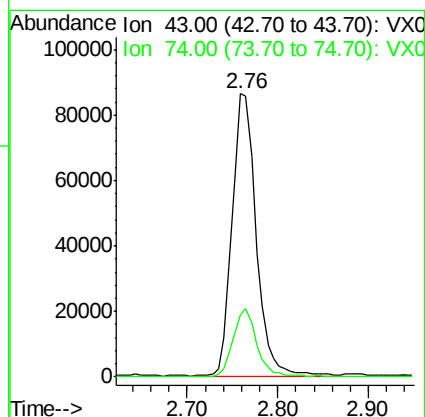
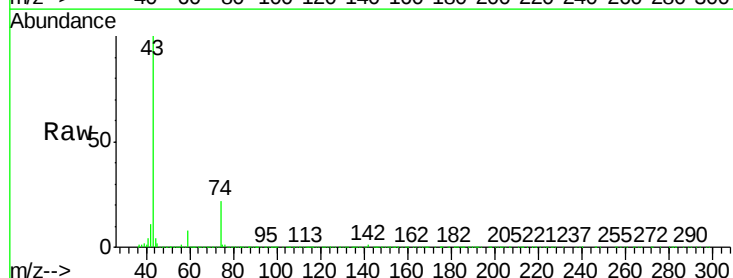
Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

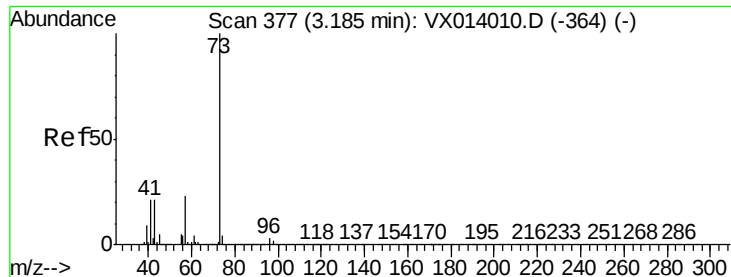
Tgt Ion: 76 Resp: 230862
Ion Ratio Lower Upper
76 100
78 9.8 7.2 10.8



#18
Methyl Acetate
Concen: 21.731 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

Tgt Ion: 43 Resp: 159774
Ion Ratio Lower Upper
43 100
74 23.3 19.5 29.3



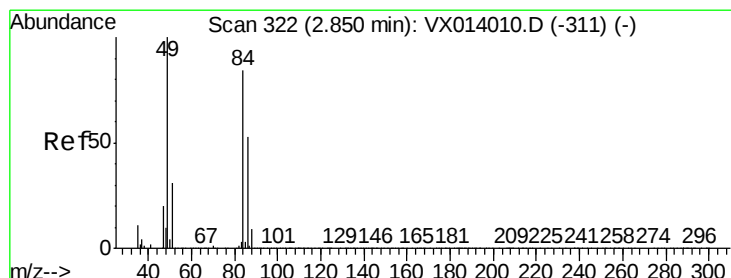
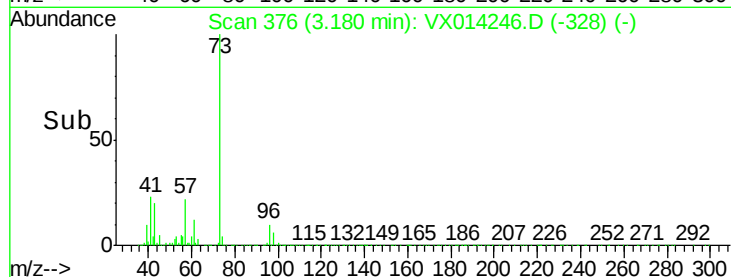
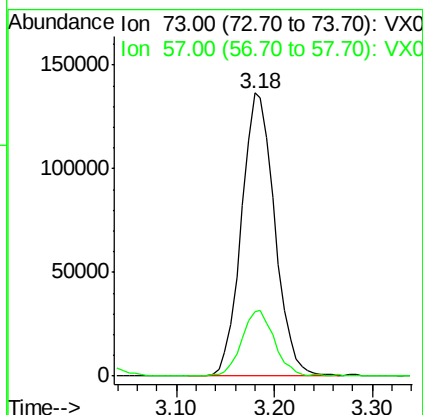
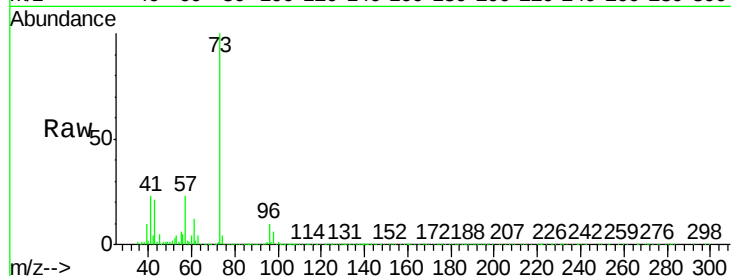


#19

Methyl tert-butyl Ether
 Concen: 20.123 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014246.D
 Acq: 24 Dec 2019 15:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBSD01

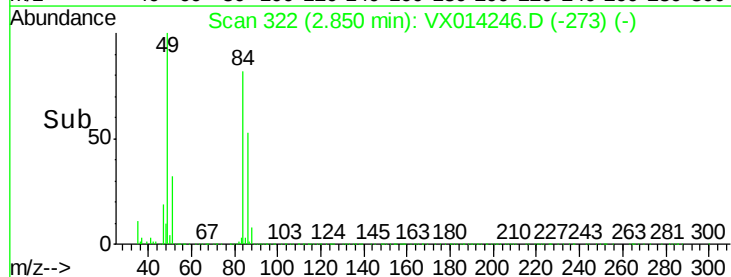
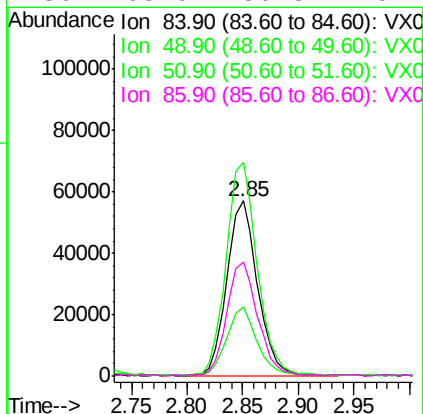
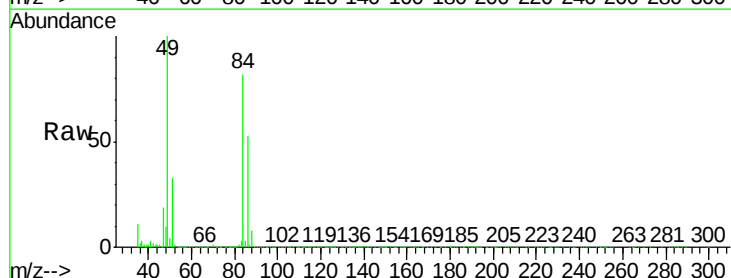
Tgt Ion: 73 Resp: 320763
 Ion Ratio Lower Upper
 73 100
 57 22.5 18.8 28.2



#20

Methylene Chloride
 Concen: 18.549 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: VX014246.D
 Acq: 24 Dec 2019 15:38

Tgt Ion: 84 Resp: 108385
 Ion Ratio Lower Upper
 84 100
 49 122.0 95.8 143.6
 51 39.5 29.8 44.8
 86 65.0 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 18.746 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBSD01

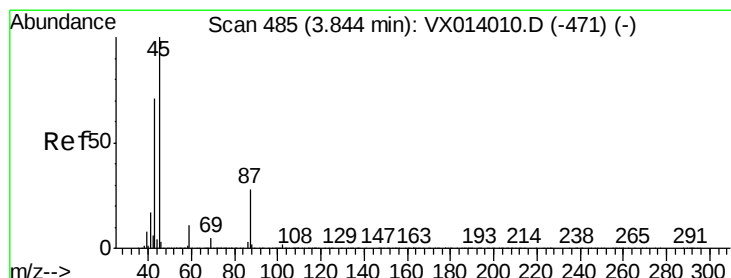
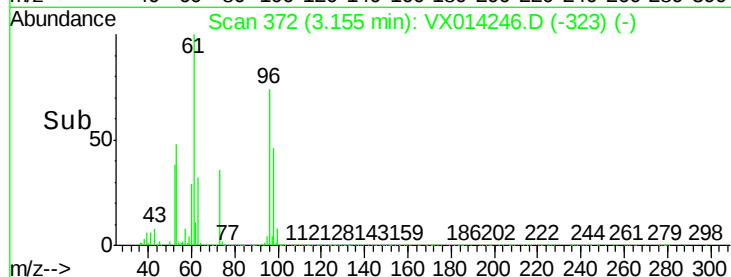
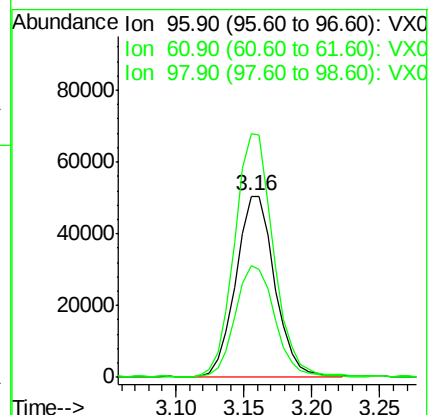
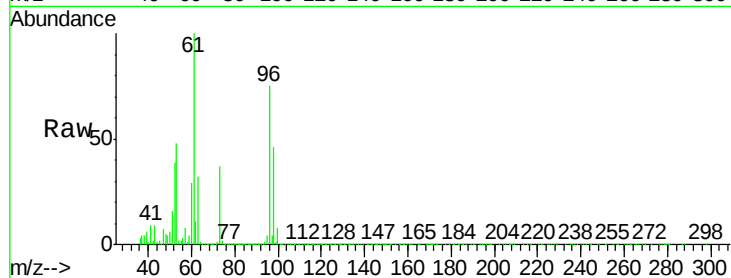
Tgt Ion: 96 Resp: 100181

Ion Ratio Lower Upper

96 100

61 133.9 108.3 162.5

98 61.5 50.8 76.2



#22

Diisopropyl ether

Concen: 20.557 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Tgt Ion: 45 Resp: 354796

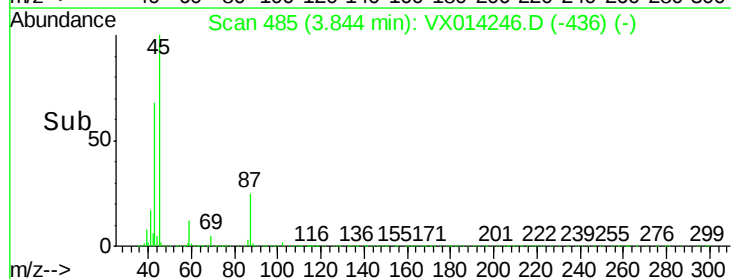
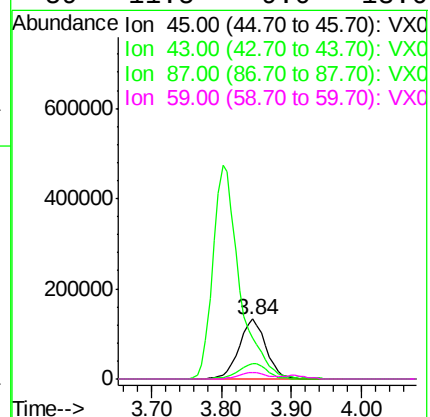
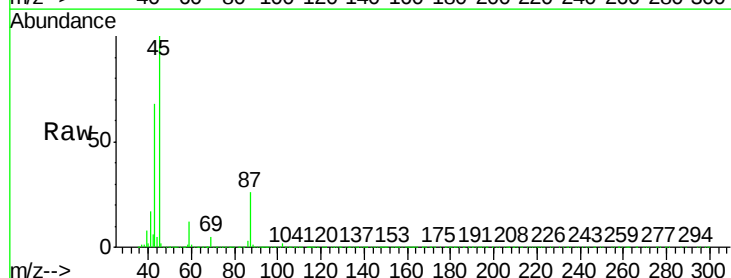
Ion Ratio Lower Upper

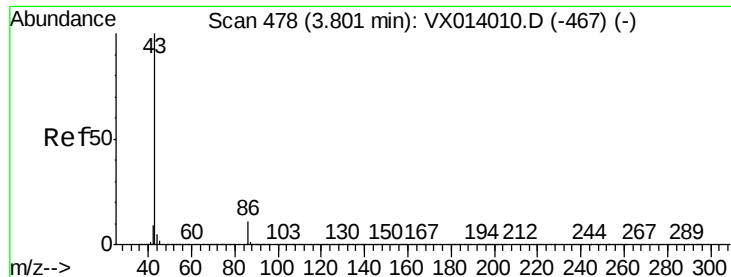
45 100

43 67.1 57.4 86.0

87 25.5 21.9 32.9

59 11.5 9.0 13.6





#23

Vinyl Acetate

Concen: 88.977 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Instrument :

MSVOA_X

ClientSampleId :

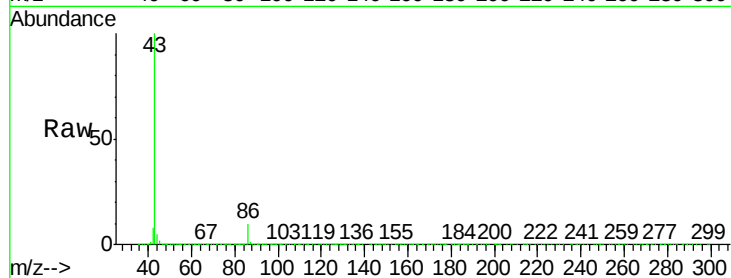
VX1224WBSD01

Tgt Ion: 43 Resp: 1253210

Ion Ratio Lower Upper

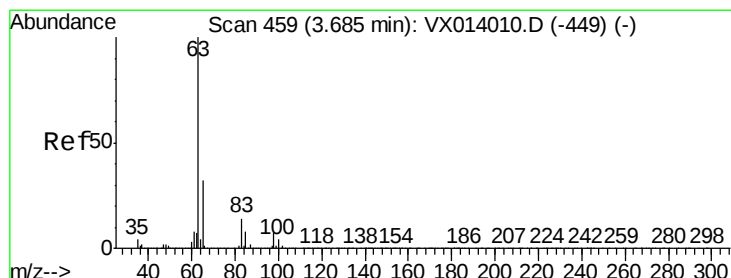
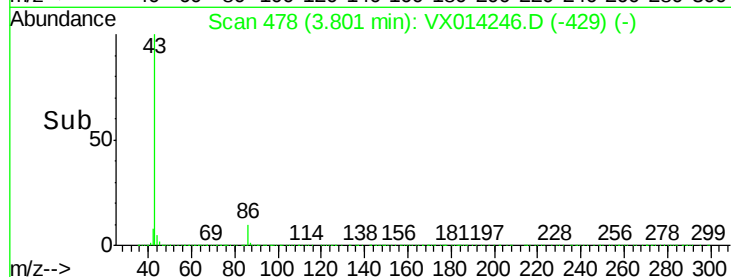
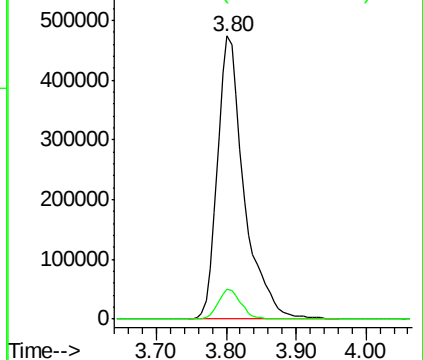
43 100

86 10.4 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.625 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

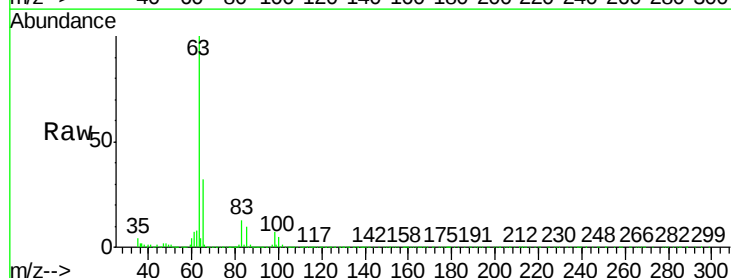
Tgt Ion: 63 Resp: 188446

Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

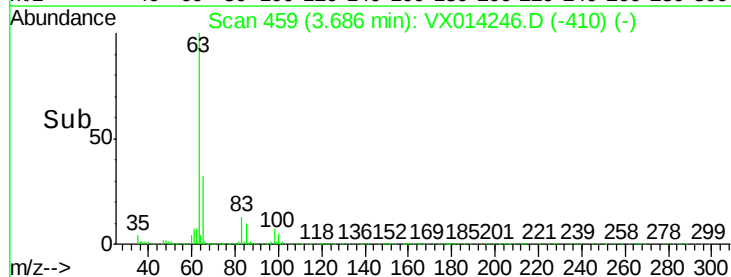
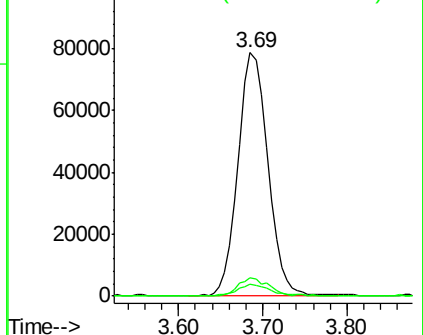
100 5.0 2.3 6.8

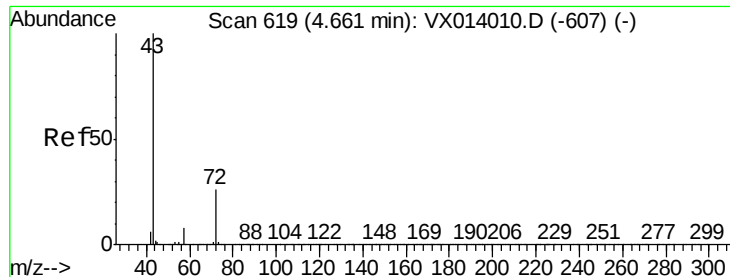


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 91.701 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Instrument :

MSVOA_X

ClientSampleId :

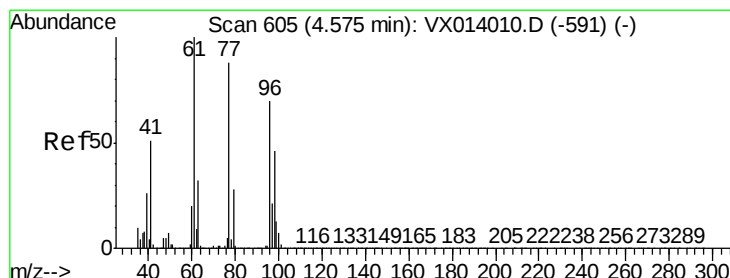
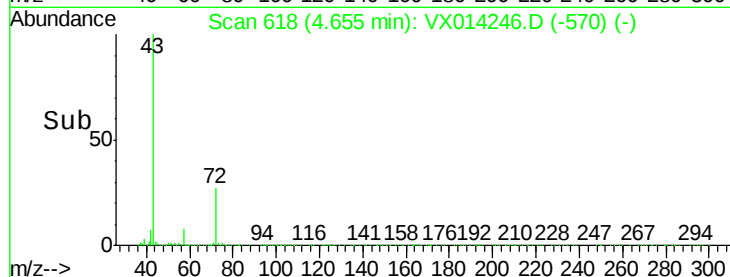
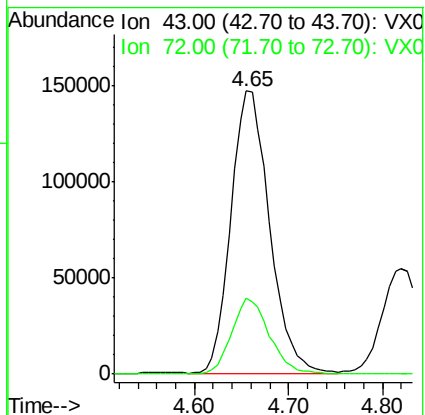
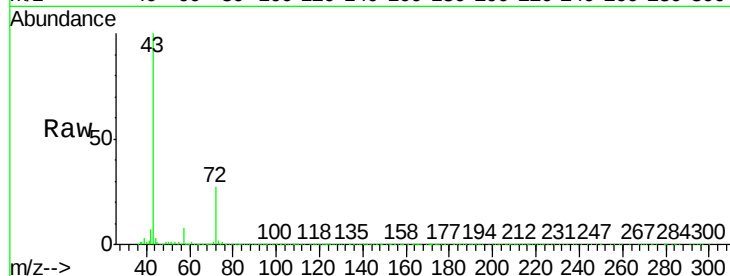
VX1224WBSD01

Tgt Ion: 43 Resp: 419495

Ion Ratio Lower Upper

43 100

72 26.6 21.0 31.4



#26

2,2-Dichloropropane

Concen: 17.788 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014246.D

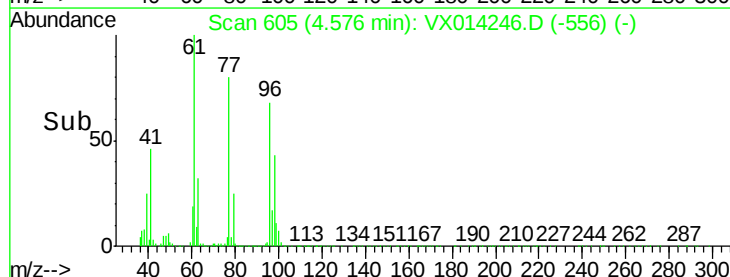
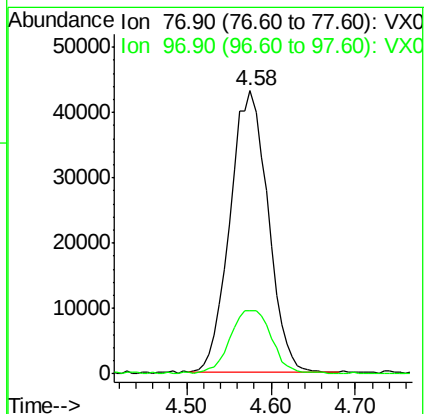
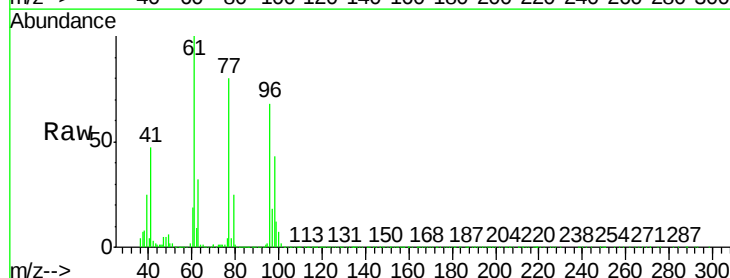
Acq: 24 Dec 2019 15:38

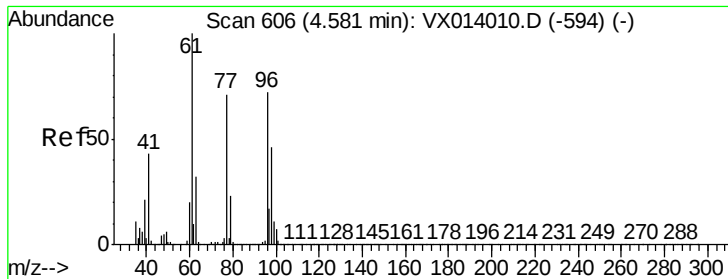
Tgt Ion: 77 Resp: 132621

Ion Ratio Lower Upper

77 100

97 23.9 11.9 35.9



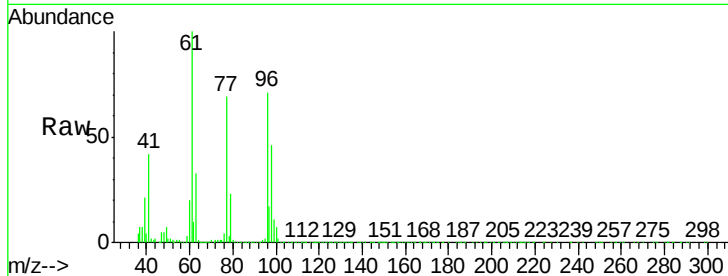


#27

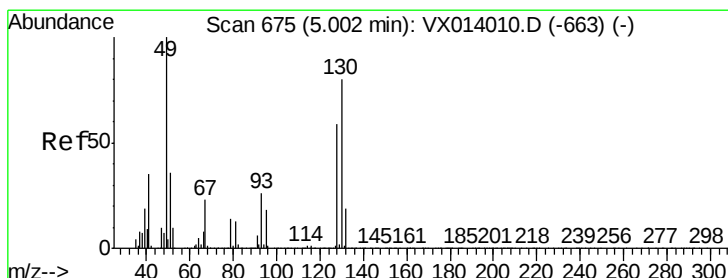
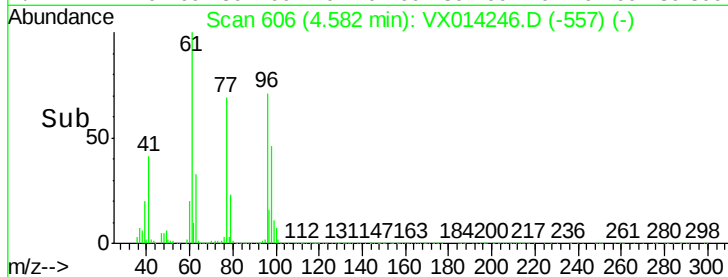
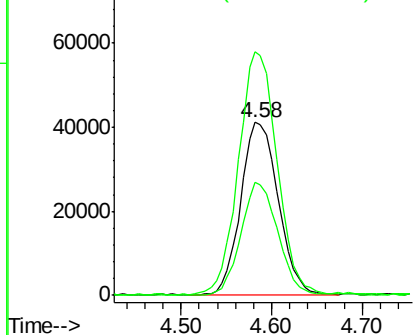
cis-1,2-Dichloroethene
Concen: 19.478 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

Tgt Ion: 96 Resp: 117722
Ion Ratio Lower Upper
96 100
61 144.6 0.0 288.4
98 64.0 0.0 129.6



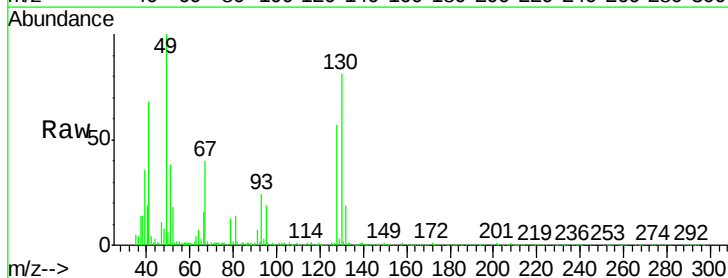
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



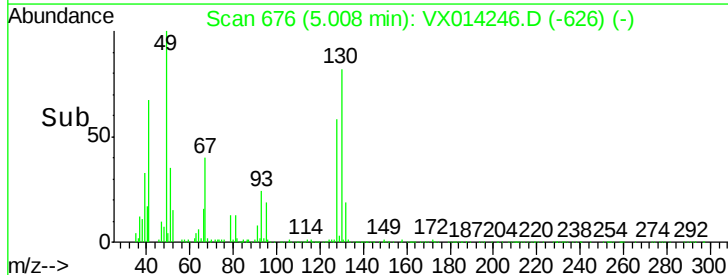
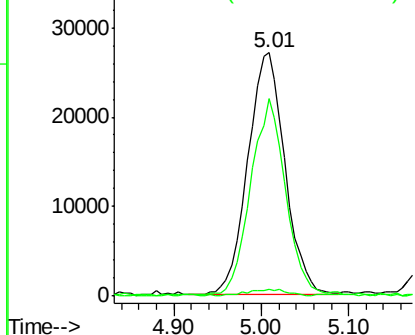
#28

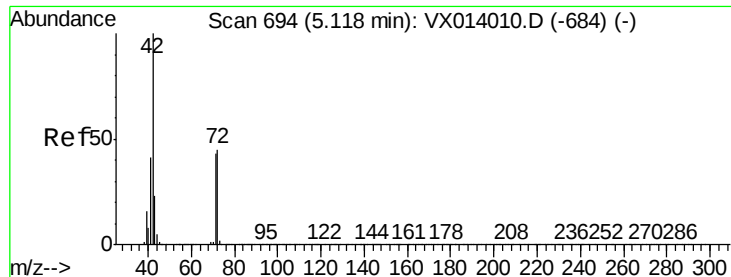
Bromochloromethane
Concen: 21.880 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

Tgt Ion: 49 Resp: 79851
Ion Ratio Lower Upper
49 100
129 2.9 0.0 5.0
130 77.5 64.6 97.0



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: 107.154 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBSD01

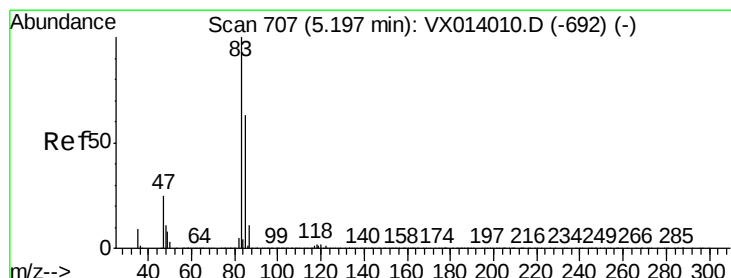
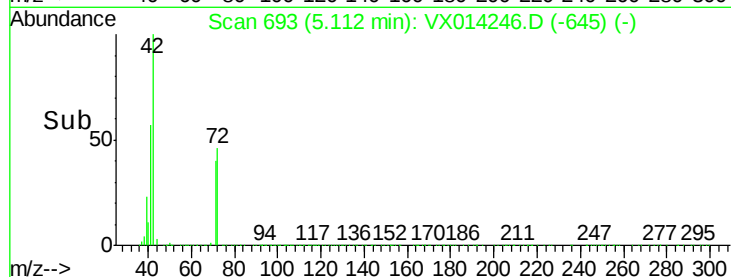
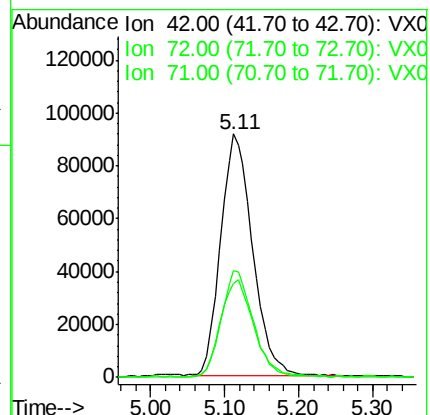
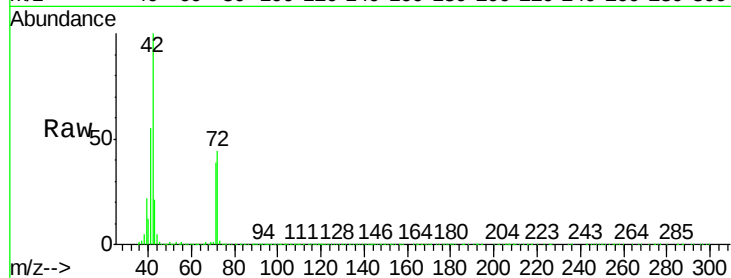
Tgt Ion: 42 Resp: 274174

Ion Ratio Lower Upper

42 100

72 44.2 35.8 53.8

71 41.5 33.6 50.4



#30

Chloroform

Concen: 19.734 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.01 min

Lab File: VX014246.D

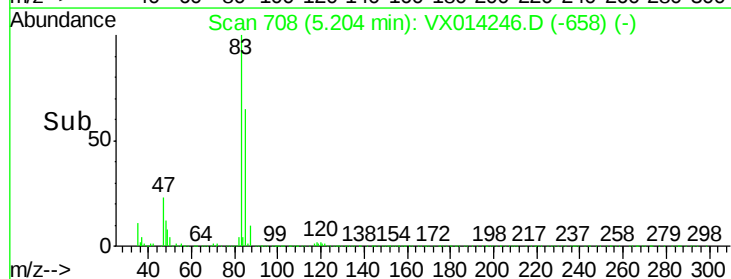
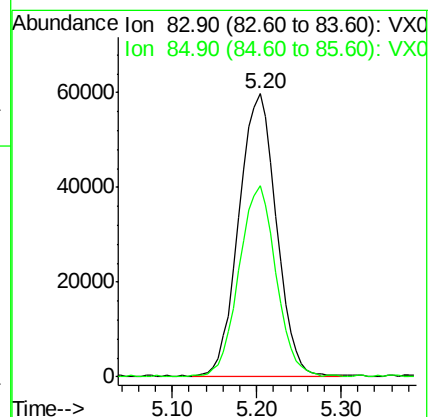
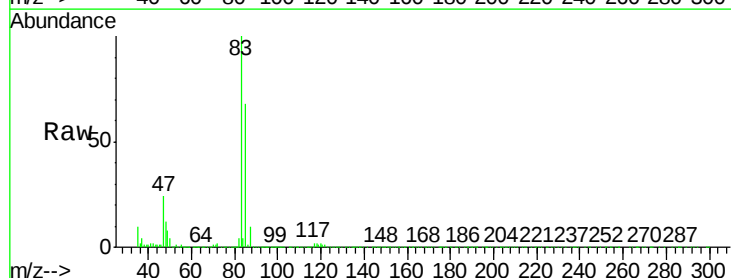
Acq: 24 Dec 2019 15:38

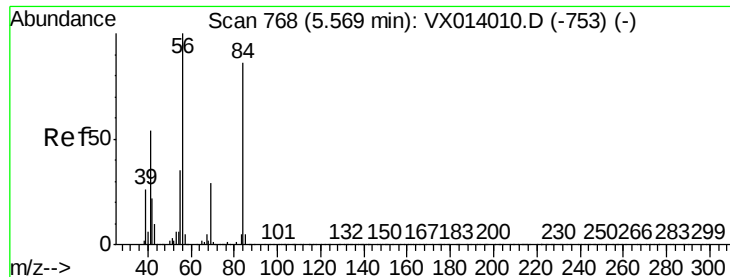
Tgt Ion: 83 Resp: 179639

Ion Ratio Lower Upper

83 100

85 67.5 50.8 76.2

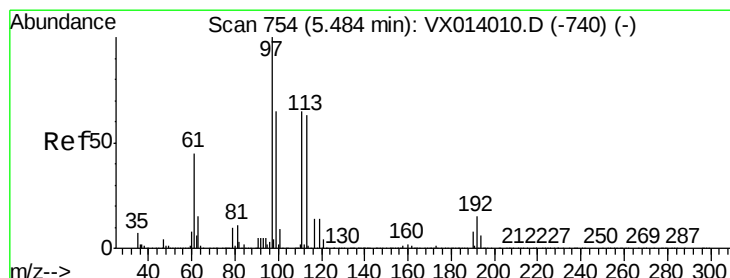
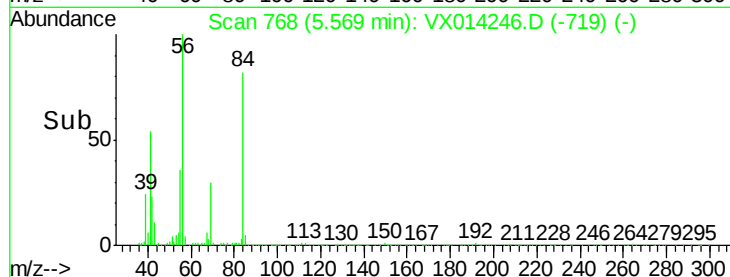
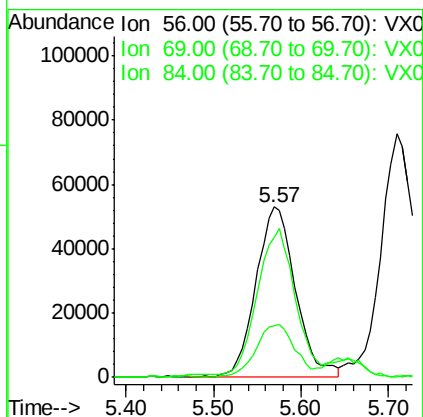
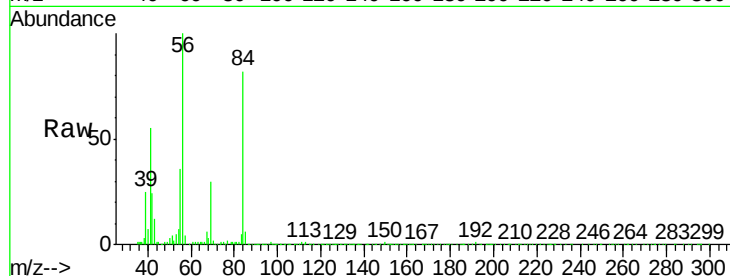




#31
Cyclohexane
Concen: 19.501 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

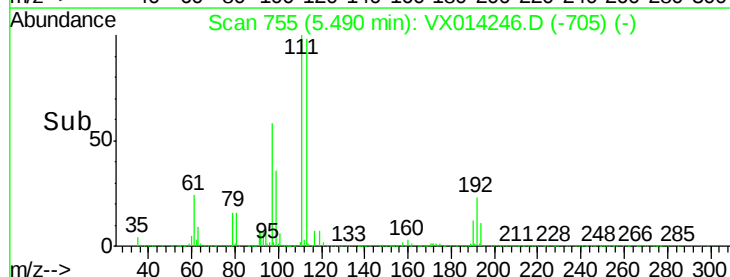
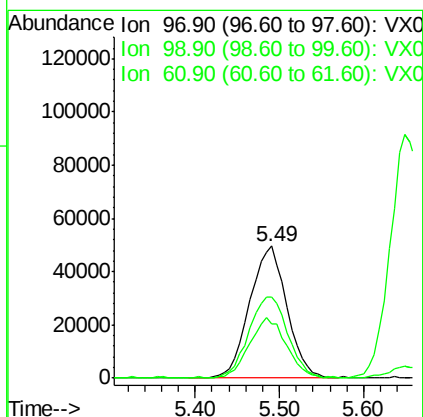
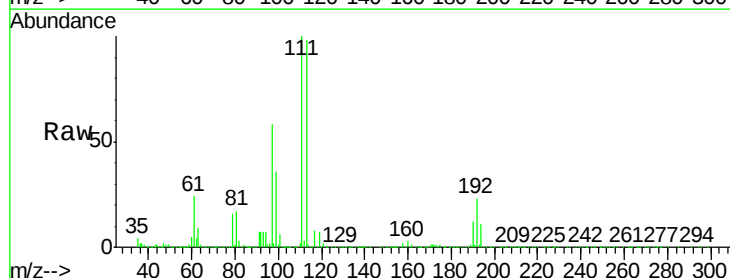
Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

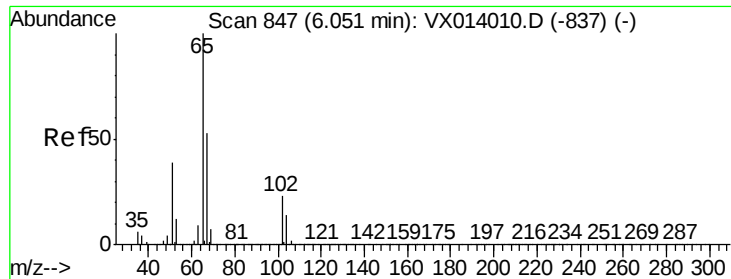
Tgt Ion: 56 Resp: 166544
Ion Ratio Lower Upper
56 100
69 28.8 23.2 34.8
84 80.8 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 19.101 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

Tgt Ion: 97 Resp: 148190
Ion Ratio Lower Upper
97 100
99 64.6 52.0 78.0
61 45.0 36.7 55.1





#33

1,2-Dichloroethane-d4

Concen: 52.184 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Instrument :

MSVOA_X

ClientSampleId :

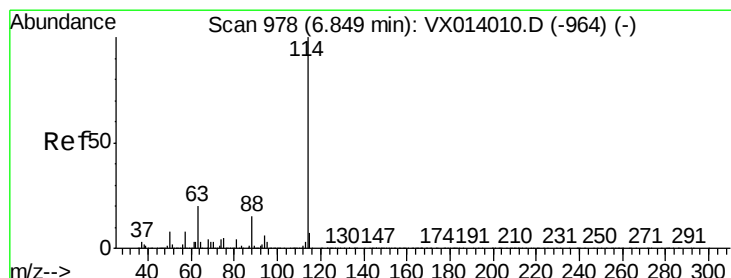
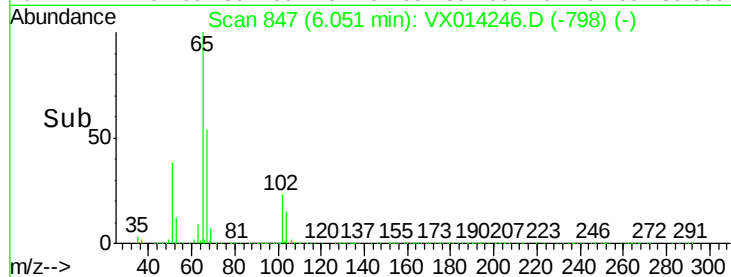
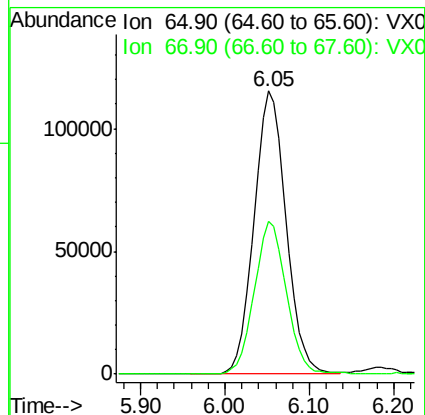
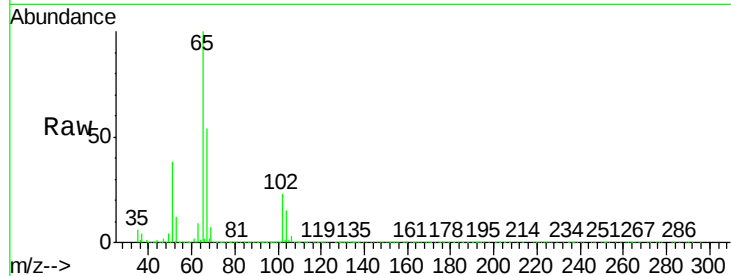
VX1224WBSD01

Tgt Ion: 65 Resp: 298248

Ion Ratio Lower Upper

65 100

67 54.4 0.0 106.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

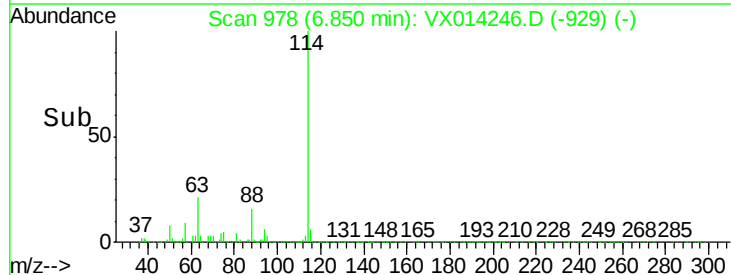
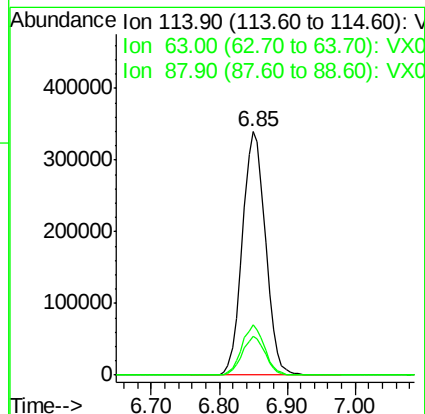
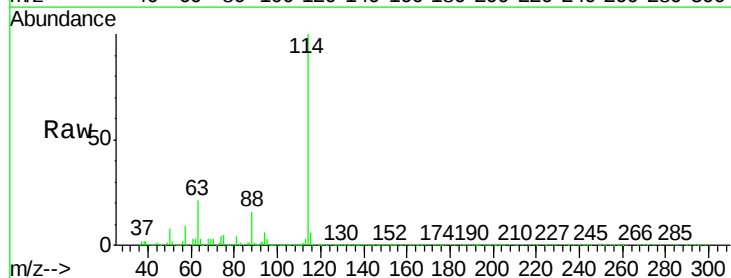
Tgt Ion: 114 Resp: 801945

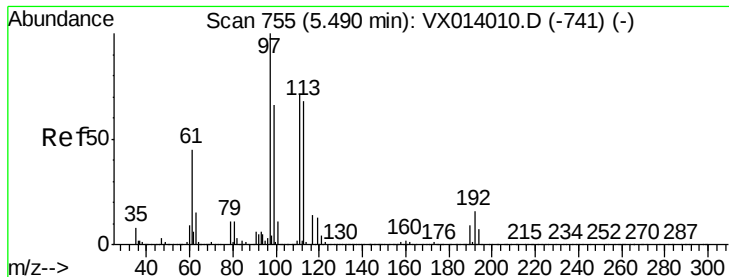
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.8

88 15.8 0.0 30.4





#35

Dibromofluoromethane

Concen: 49.951 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBSD01

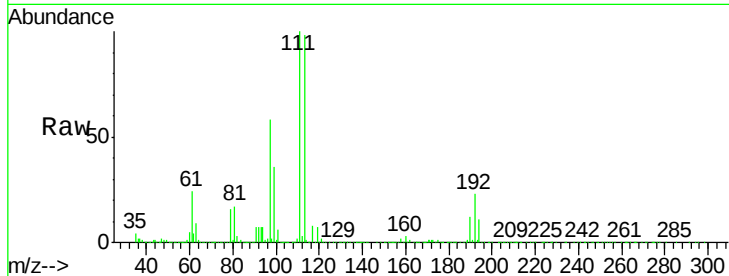
Tgt Ion:113 Resp: 243508

Ion Ratio Lower Upper

113 100

111 103.2 82.0 123.0

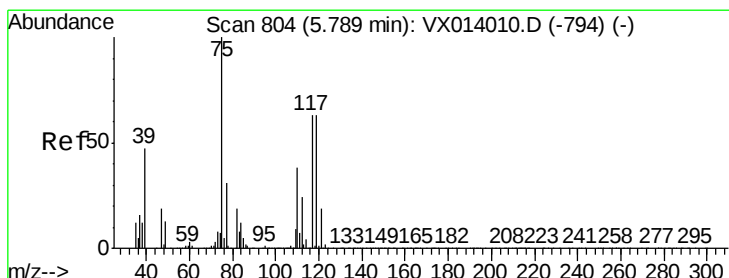
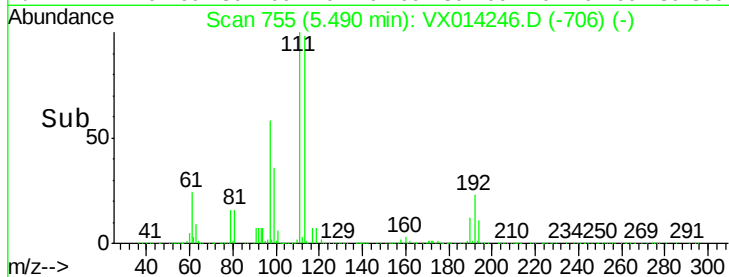
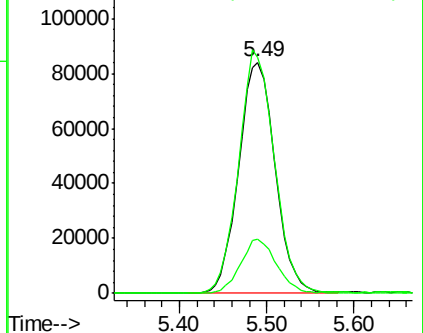
192 23.5 19.3 28.9



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: 18.105 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.01 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

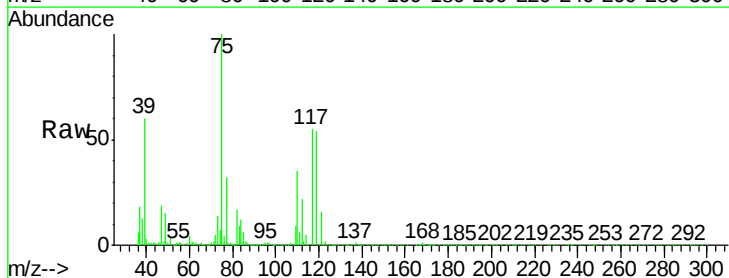
Tgt Ion: 75 Resp: 133223

Ion Ratio Lower Upper

75 100

110 36.9 18.3 54.9

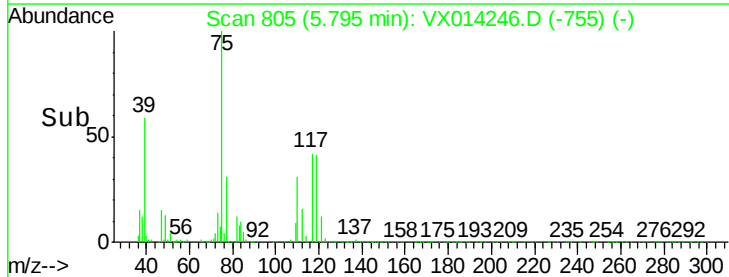
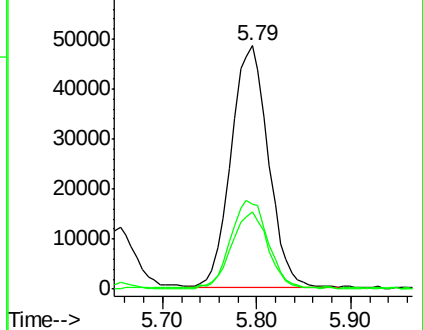
77 30.9 24.8 37.2

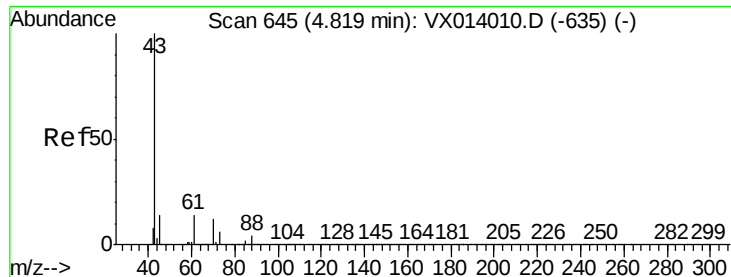


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

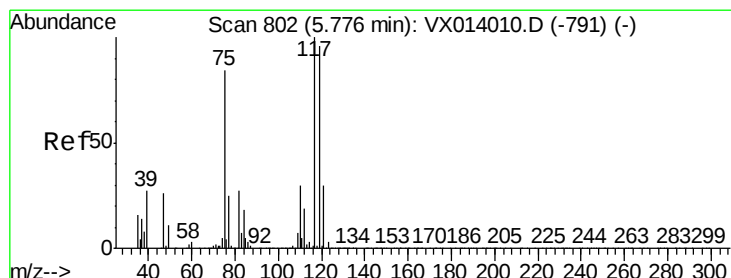
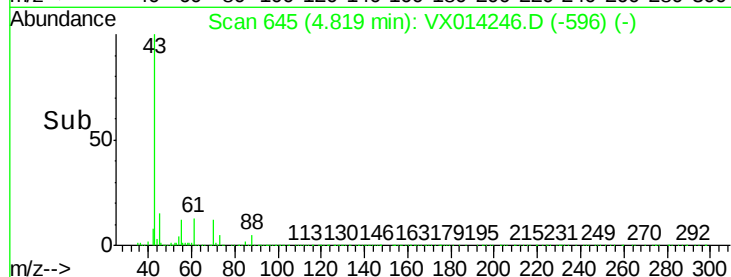
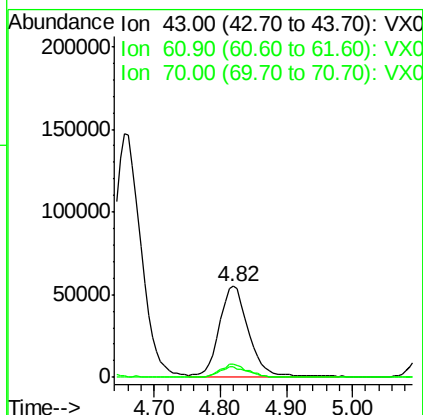
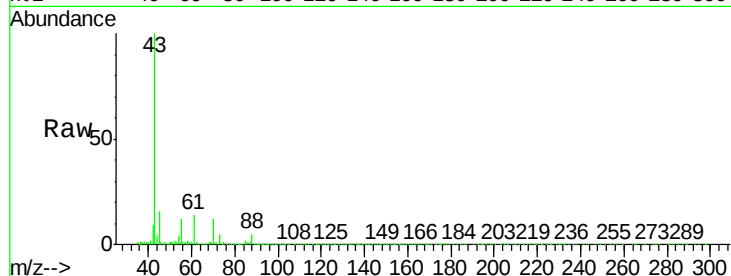




#37
Ethyl Acetate
Concen: 20.239 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

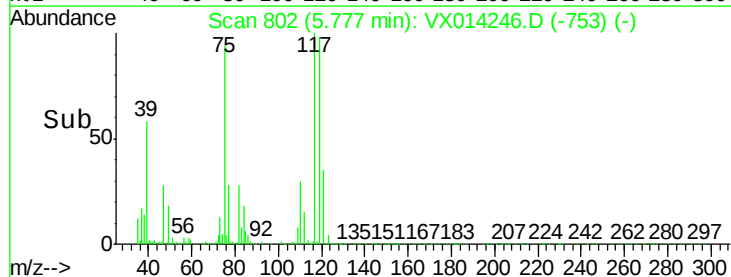
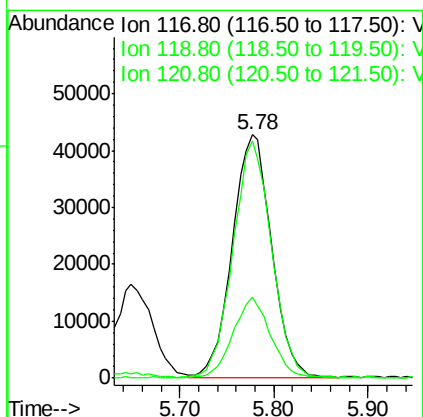
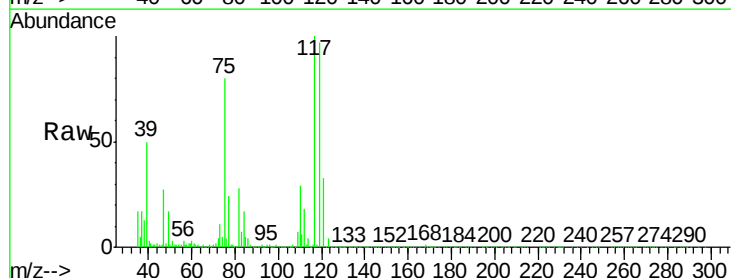
Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

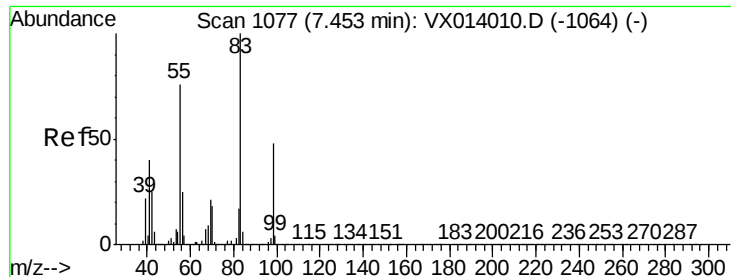
Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.8	16.2
70	11.0	8.6	12.8



#38
Carbon Tetrachloride
Concen: 18.419 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	76.2	114.4
121	33.2	23.6	35.4

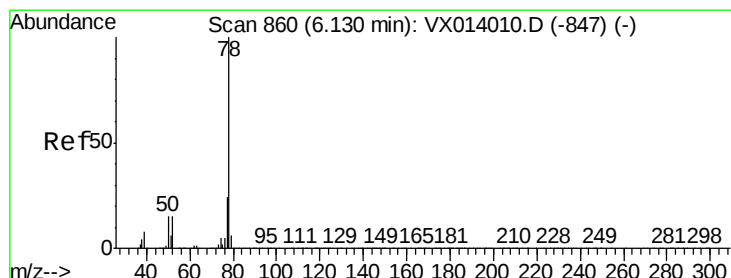
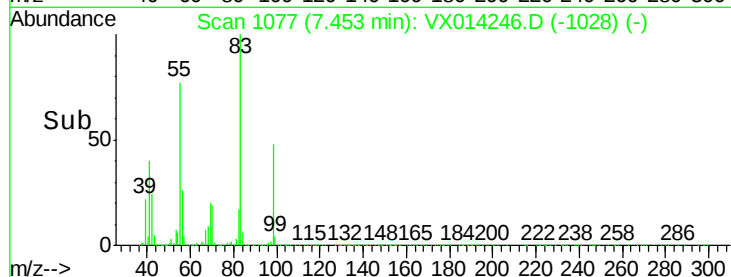
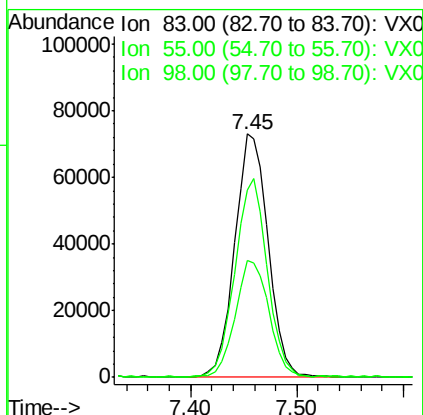
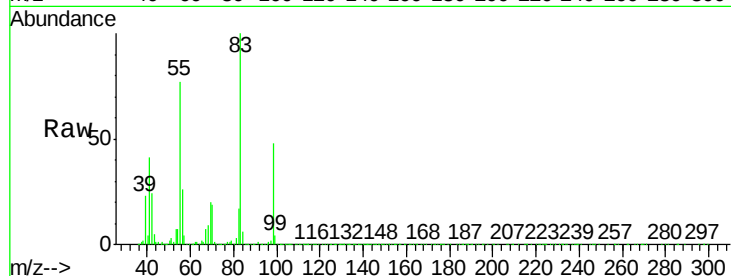




#39
Methylcyclohexane
Concen: 17.619 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

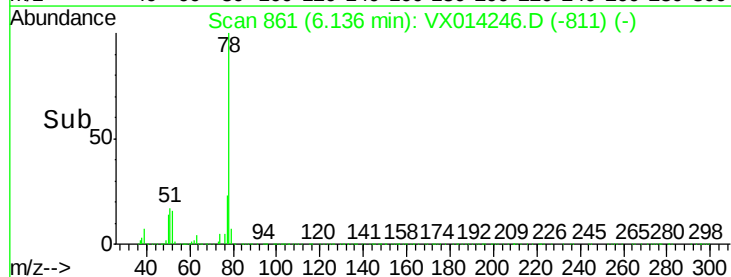
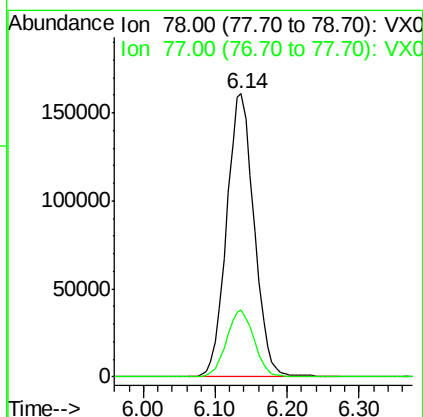
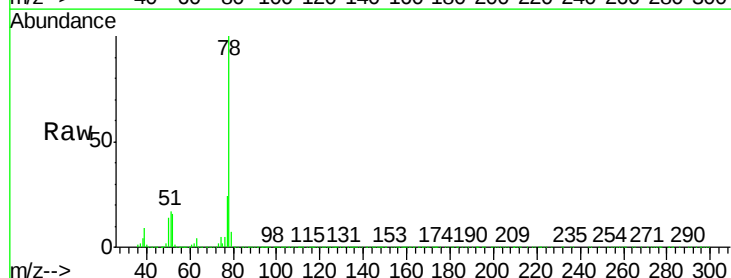
Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.8	61.0	91.6
98	48.1	38.6	57.8



#40
Benzene
Concen: 18.789 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.8	28.2





#41

Methacrylonitrile

Concen: 19.793 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBSD01

Tgt Ion: 41 Resp: 89239

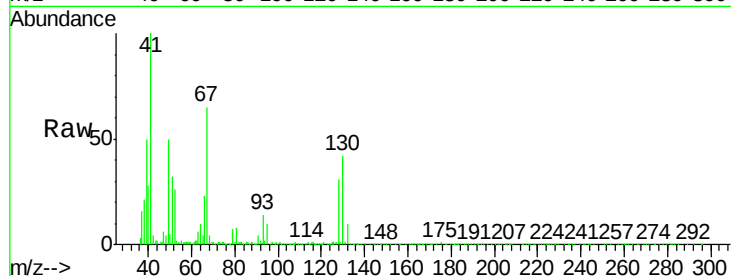
Ion Ratio Lower Upper

41 100

39 54.9 44.5 66.7

67 72.2 57.4 86.0

52 29.1 23.0 34.4

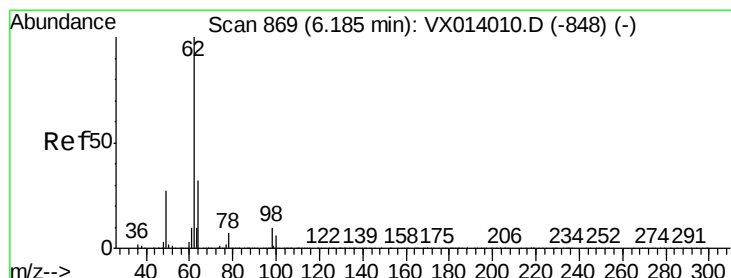
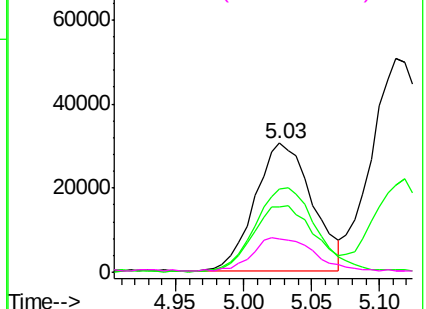
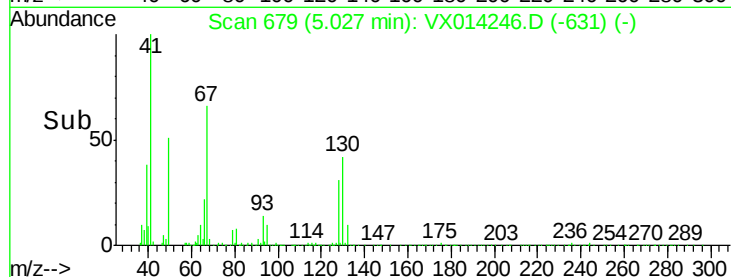


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.101 ug/l

RT: 6.19 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX014246.D

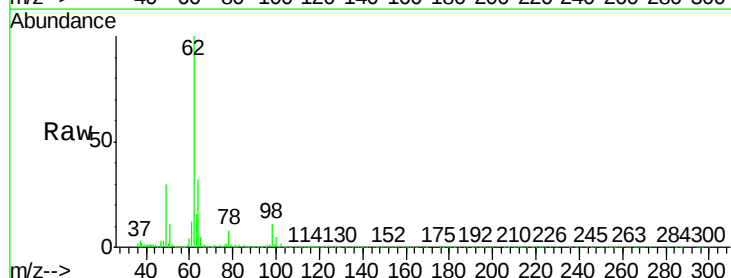
Acq: 24 Dec 2019 15:38

Tgt Ion: 62 Resp: 146592

Ion Ratio Lower Upper

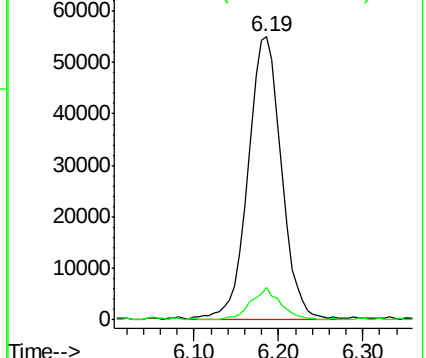
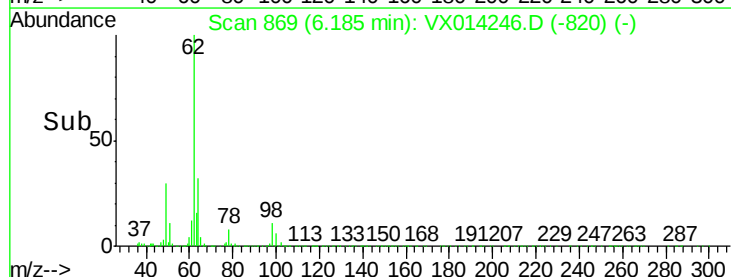
62 100

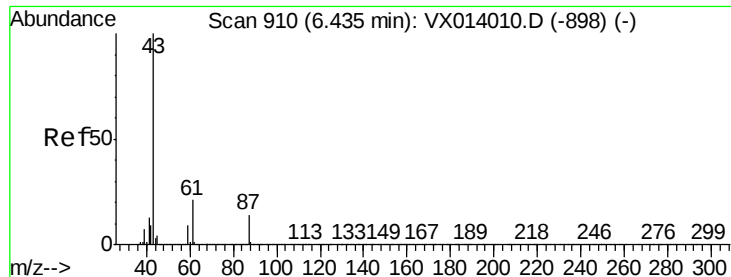
98 10.4 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.821 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBSD01

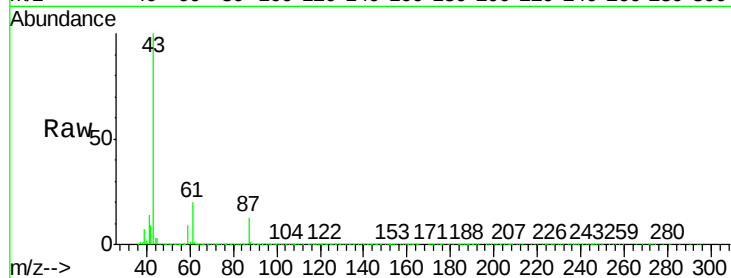
Tgt Ion: 43 Resp: 266545

Ion Ratio Lower Upper

43 100

61 20.6 16.4 24.6

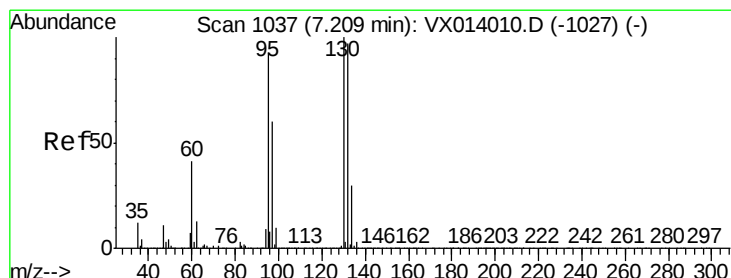
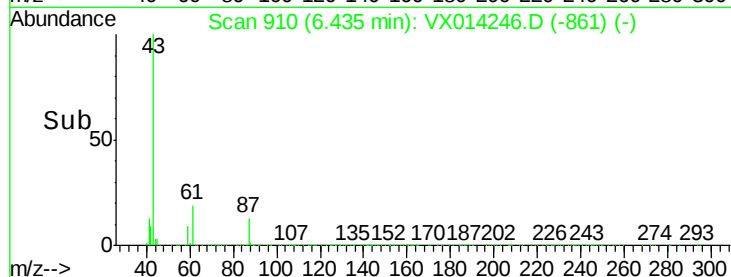
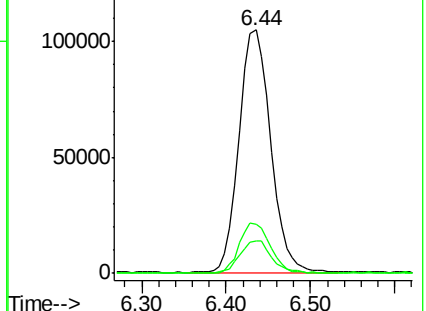
87 13.4 10.7 16.1



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: 18.631 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014246.D

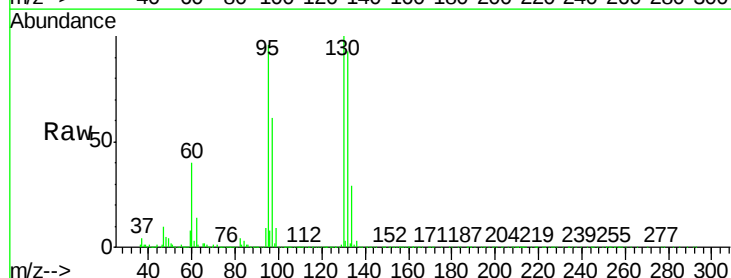
Acq: 24 Dec 2019 15:38

Tgt Ion: 130 Resp: 116509

Ion Ratio Lower Upper

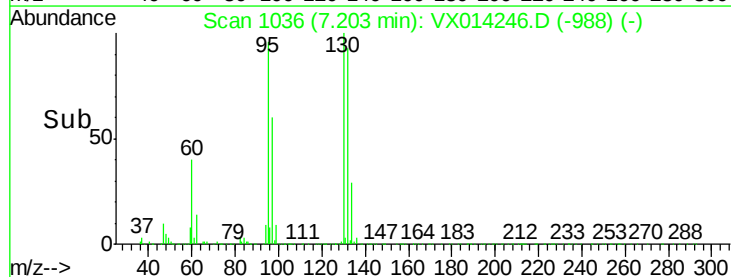
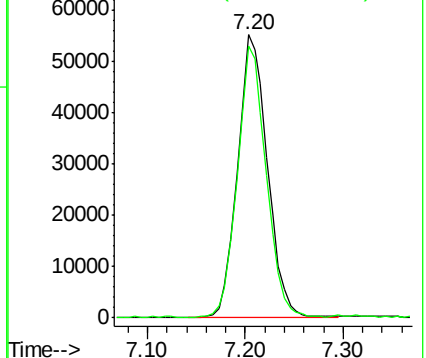
130 100

95 95.7 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

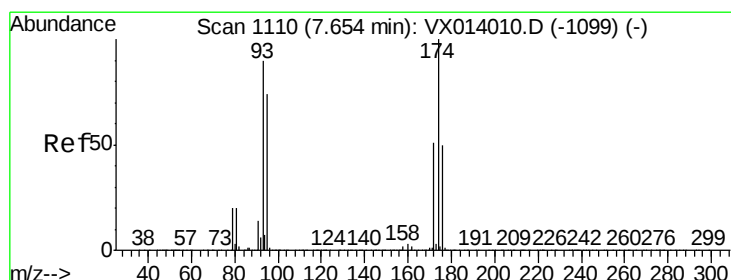
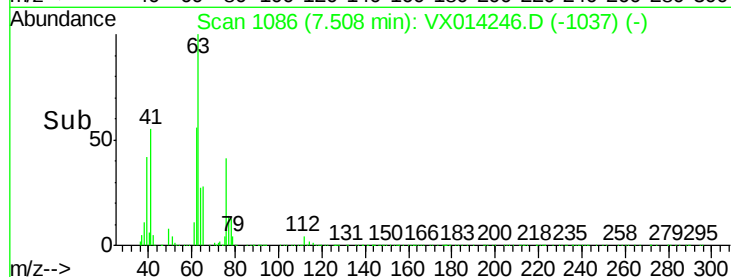
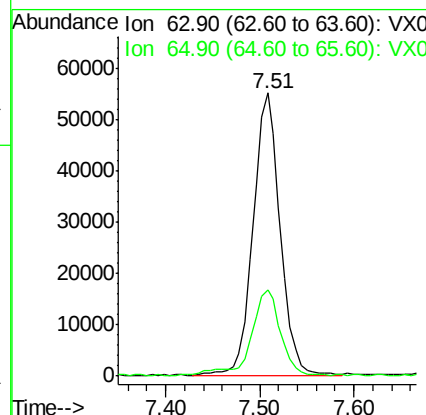
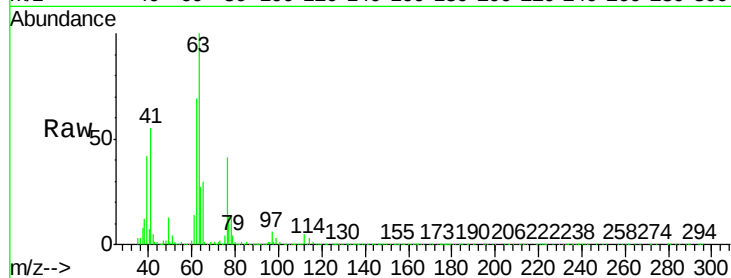




#45
 1,2-Dichloropropane
 Concen: 19.115 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014246.D
 Acq: 24 Dec 2019 15:38

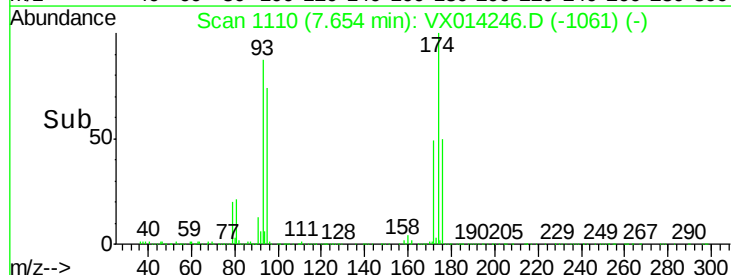
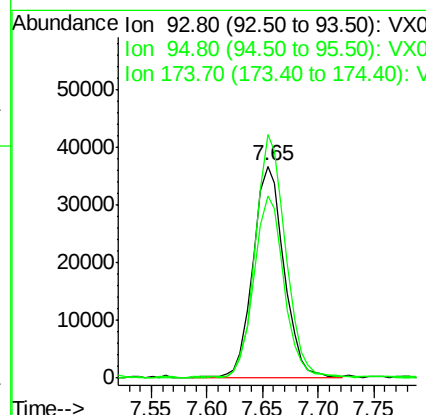
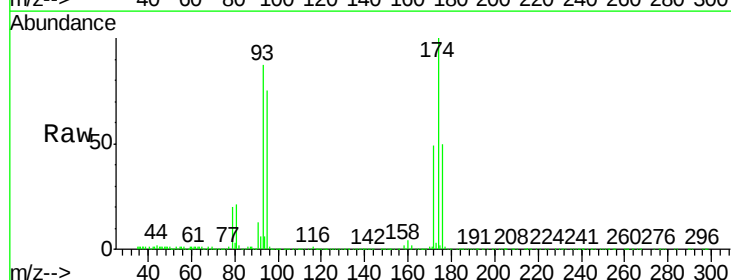
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBSD01

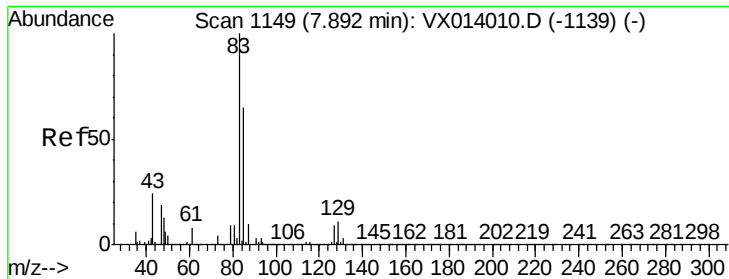
Tgt Ion: 63 Resp: 110922
 Ion Ratio Lower Upper
 63 100
 65 29.9 25.8 38.8



#46
 Dibromomethane
 Concen: 18.412 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014246.D
 Acq: 24 Dec 2019 15:38

Tgt Ion: 93 Resp: 70641
 Ion Ratio Lower Upper
 93 100
 95 84.8 67.3 100.9
 174 113.8 91.6 137.4





#47

Bromodichloromethane

Concen: 18.626 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBSD01

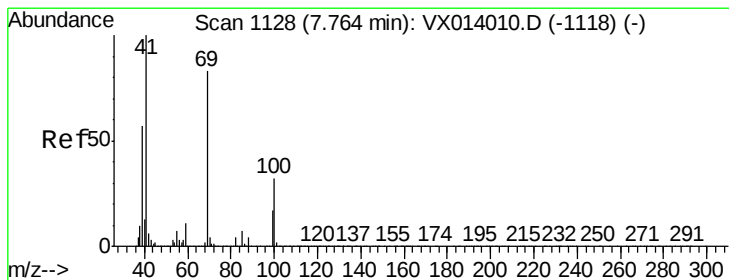
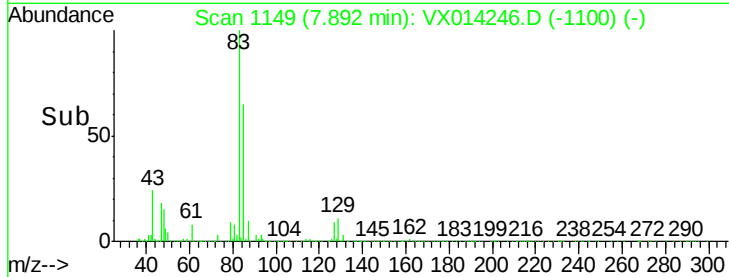
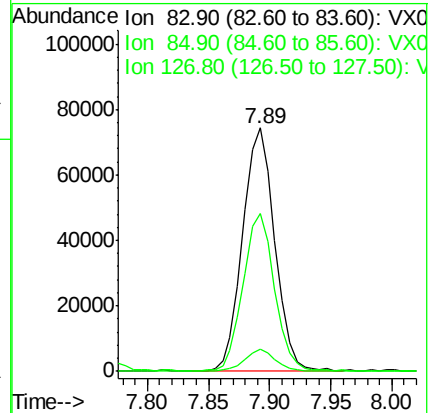
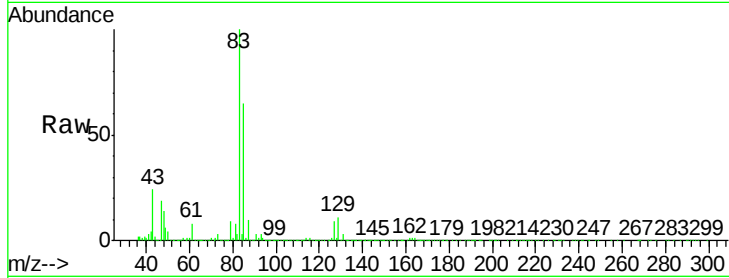
Tgt Ion: 83 Resp: 134585

Ion Ratio Lower Upper

83 100

85 64.5 51.8 77.8

127 9.2 7.0 10.4



#48

Methyl methacrylate

Concen: 19.619 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

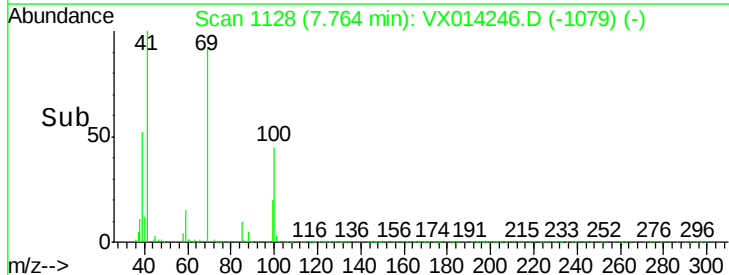
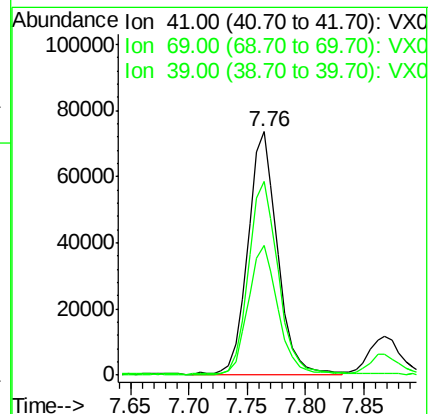
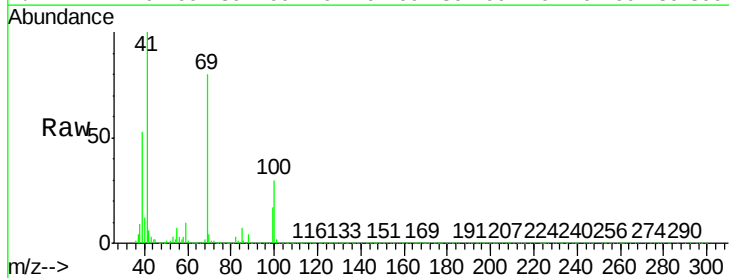
Tgt Ion: 41 Resp: 129189

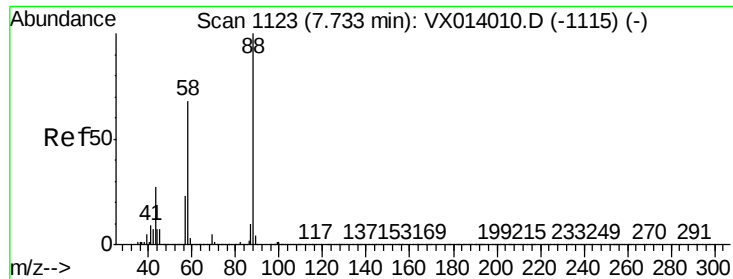
Ion Ratio Lower Upper

41 100

69 80.7 65.8 98.6

39 53.5 44.6 67.0





#49

1,4-Dioxane

Concen: 388.675 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBSD01

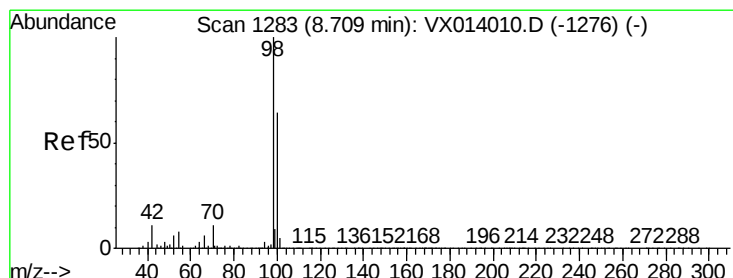
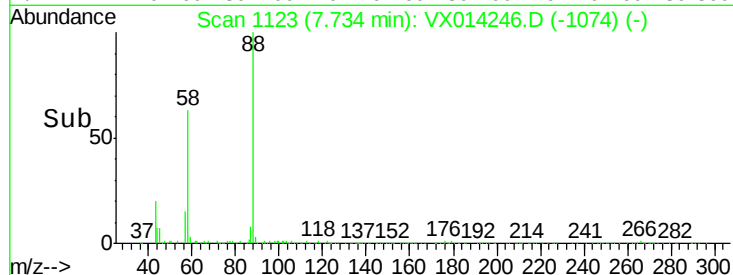
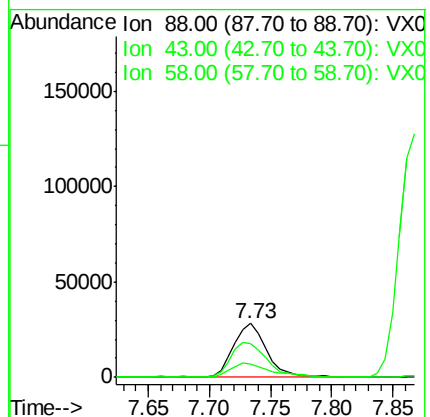
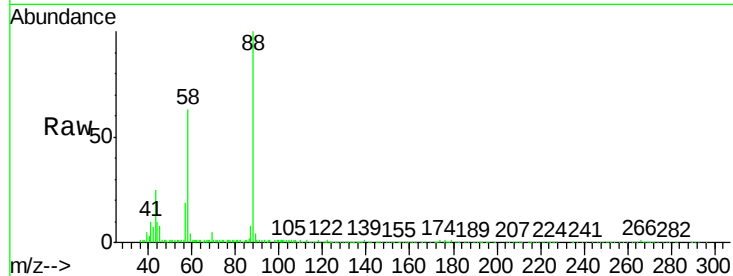
Tgt Ion: 88 Resp: 52084

Ion Ratio Lower Upper

88 100

43 30.7 26.5 39.7

58 69.5 56.8 85.2



#50

Toluene-d8

Concen: 50.258 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014246.D

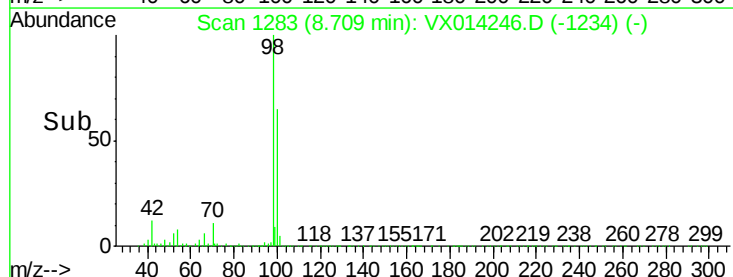
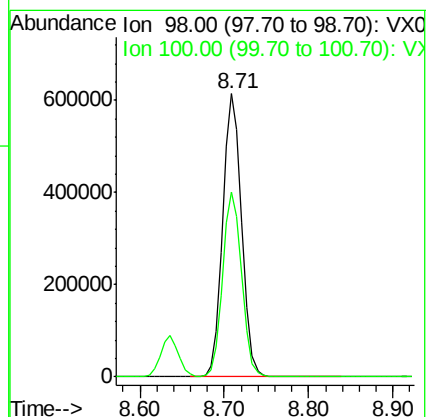
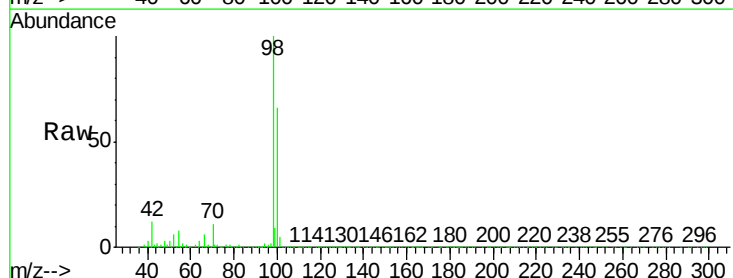
Acq: 24 Dec 2019 15:38

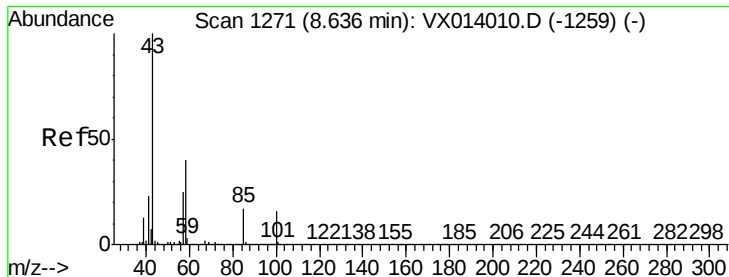
Tgt Ion: 98 Resp: 953871

Ion Ratio Lower Upper

98 100

100 65.6 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 100.310 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Instrument :

MSVOA_X

ClientSampleId :

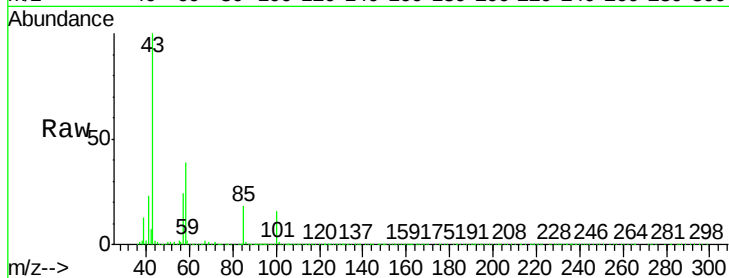
VX1224WBSD01

Tgt Ion: 43 Resp: 847145

Ion Ratio Lower Upper

43 100

58 39.6 32.2 48.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

600000

500000

400000

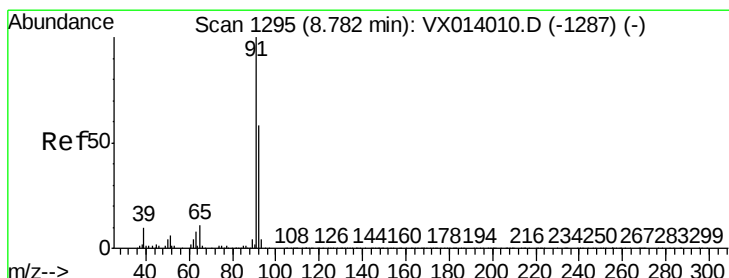
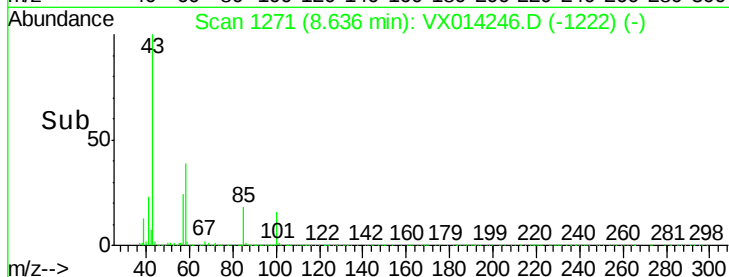
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 18.568 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014246.D

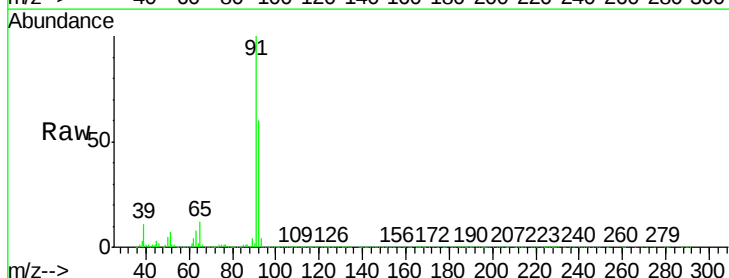
Acq: 24 Dec 2019 15:38

Tgt Ion: 92 Resp: 265723

Ion Ratio Lower Upper

92 100

91 169.9 136.2 204.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

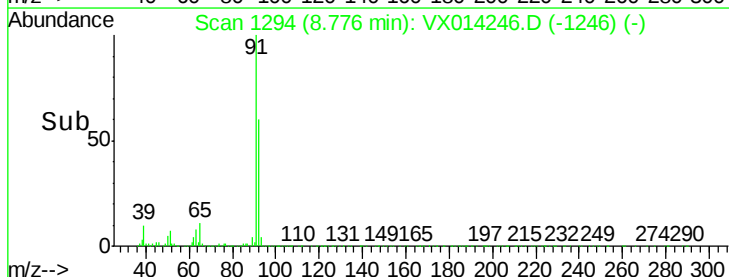
300000

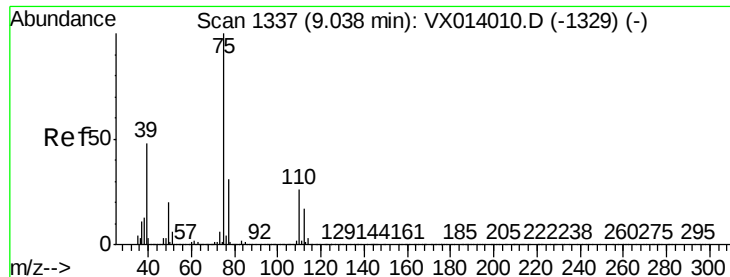
200000

100000

0

Time-->

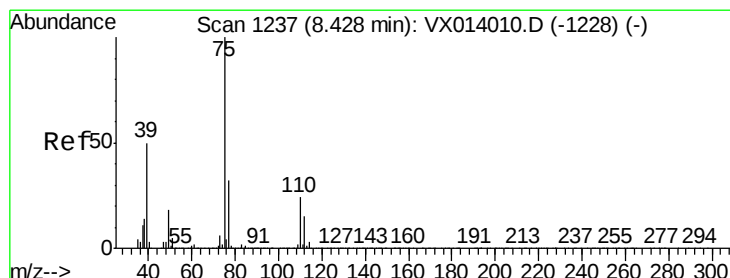
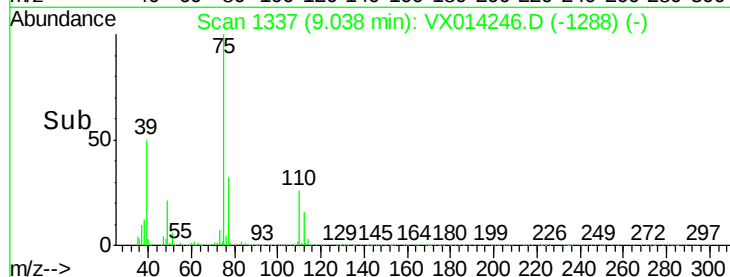
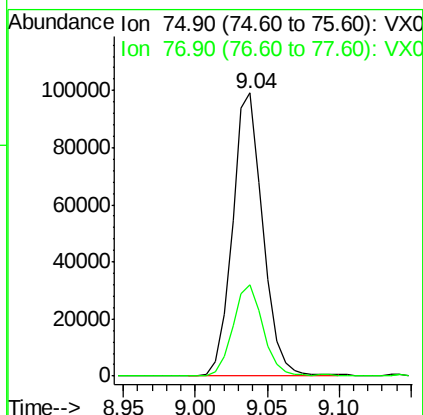
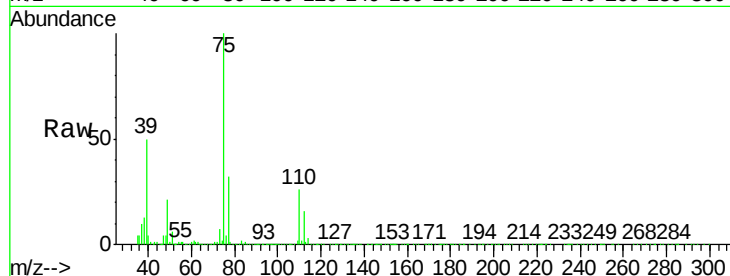




#53
t-1,3-Dichloropropene
Concen: 18.331 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

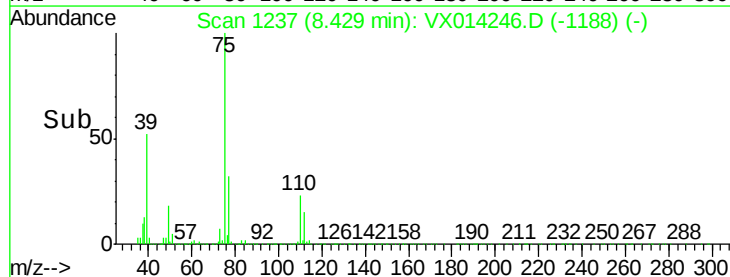
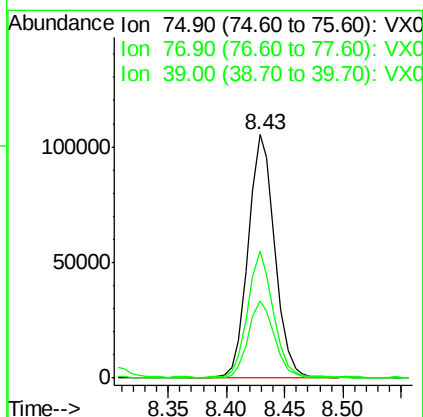
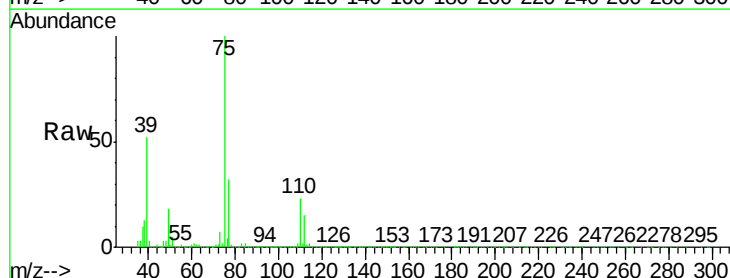
Instrument :
MSVOA_X
ClientSampled :
VX1224WBSD01

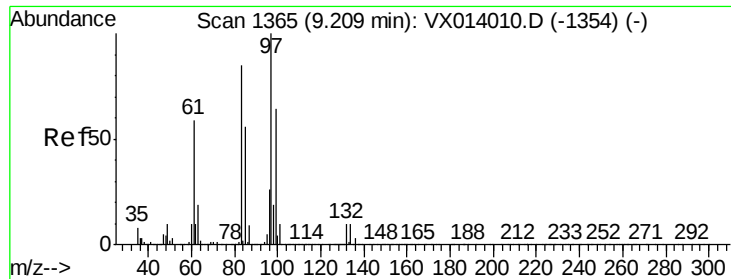
Tgt Ion: 75 Resp: 145235
Ion Ratio Lower Upper
75 100
77 31.9 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 18.878 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

Tgt Ion: 75 Resp: 166632
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9
39 51.7 39.9 59.9

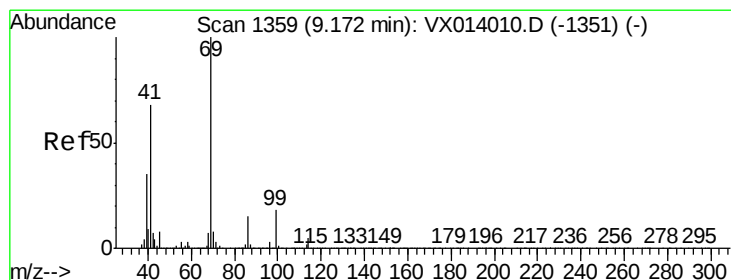
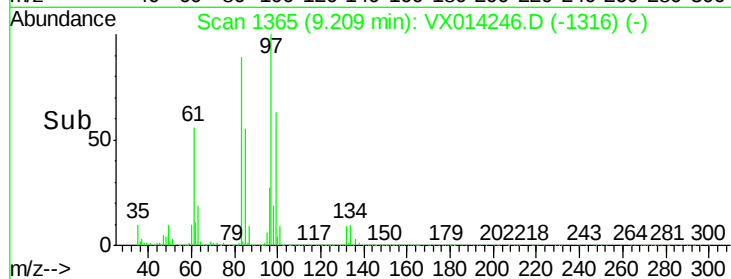
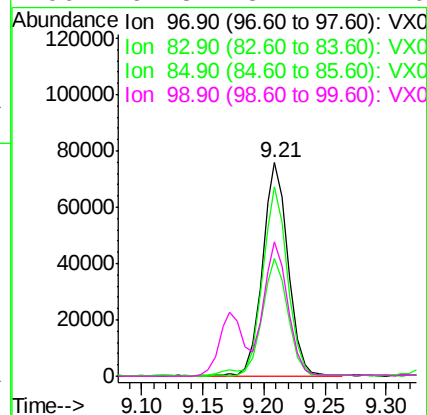
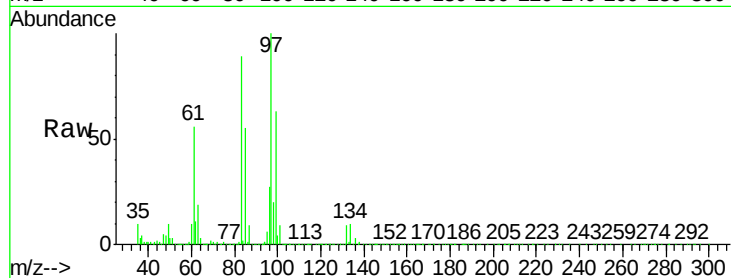




#55
 1,1,2-Trichloroethane
 Concen: 19.253 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014246.D
 Acq: 24 Dec 2019 15:38

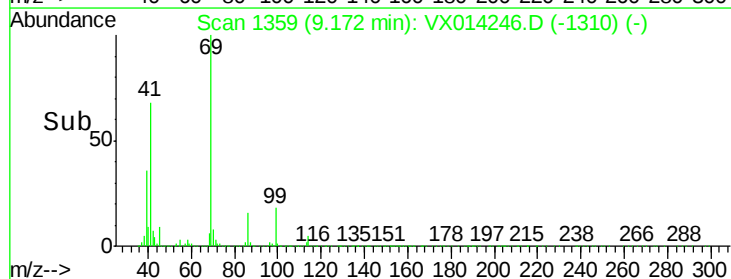
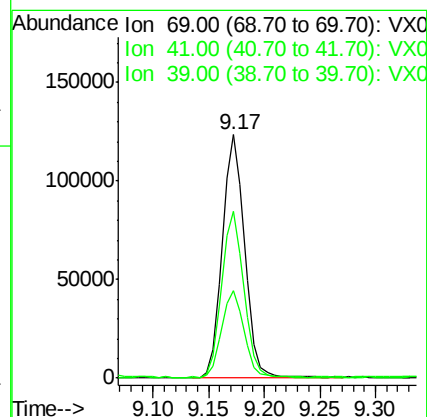
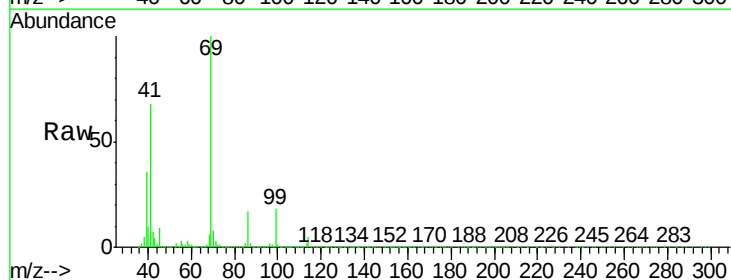
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBSD01

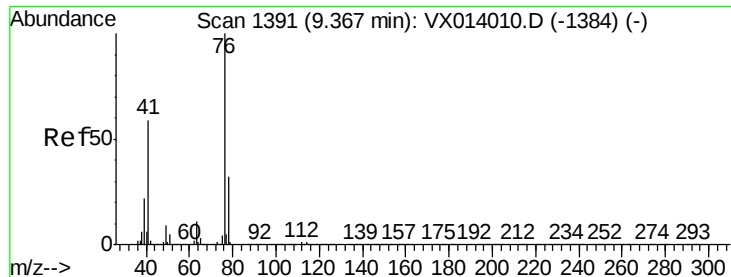
Tgt Ion:	97	Resp:	110426
Ion	Ratio	Lower	Upper
97	100		
83	88.5	68.2	102.4
85	55.0	44.6	66.8
99	62.8	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 18.996 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014246.D
 Acq: 24 Dec 2019 15:38

Tgt Ion:	69	Resp:	171147
Ion	Ratio	Lower	Upper
69	100		
41	67.8	54.8	82.2
39	35.7	28.3	42.5





#57

1,3-Dichloropropane

Concen: 19.290 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Instrument :

MSVOA_X

ClientSampleId :

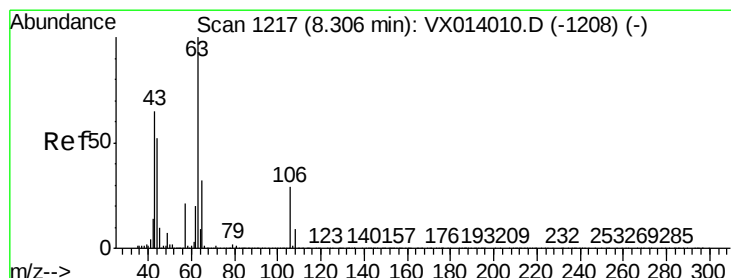
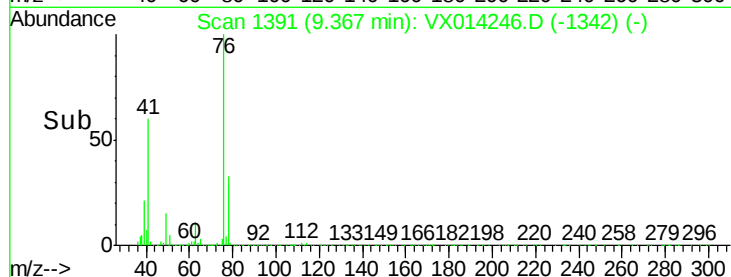
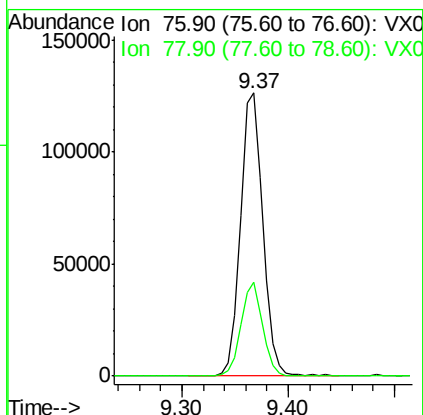
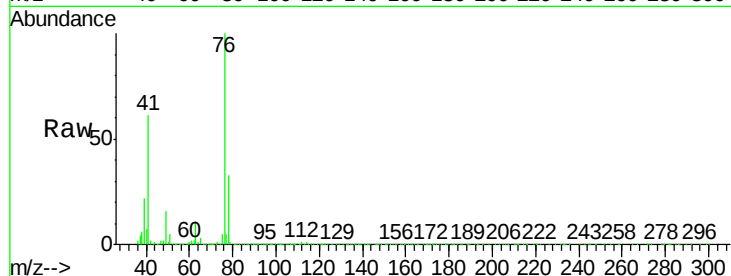
VX1224WBSD01

Tgt Ion: 76 Resp: 186143

Ion Ratio Lower Upper

76 100

78 31.7 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 100.179 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014246.D

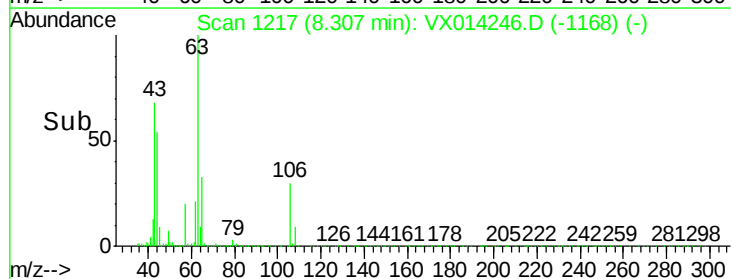
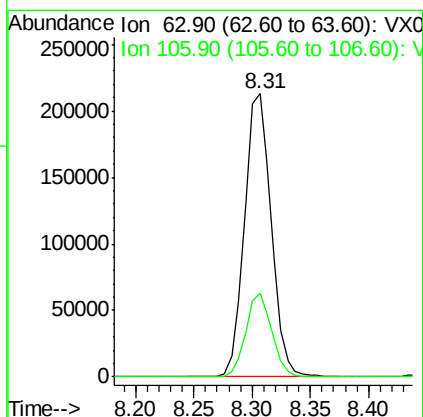
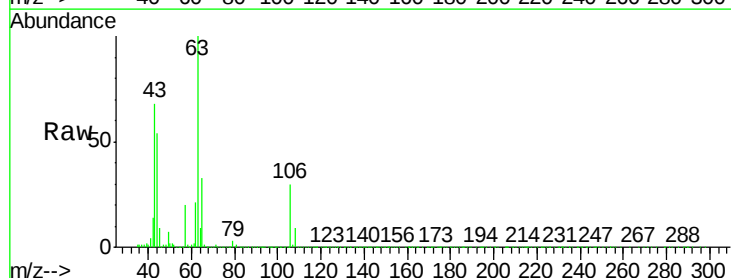
Acq: 24 Dec 2019 15:38

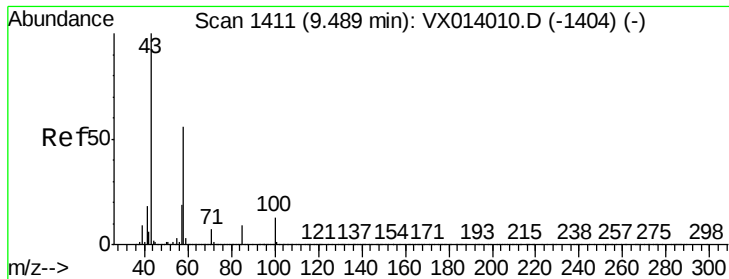
Tgt Ion: 63 Resp: 341560

Ion Ratio Lower Upper

63 100

106 29.0 23.0 34.6





#59

2-Hexanone

Concen: 93.657 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Instrument :

MSVOA_X

ClientSampleId :

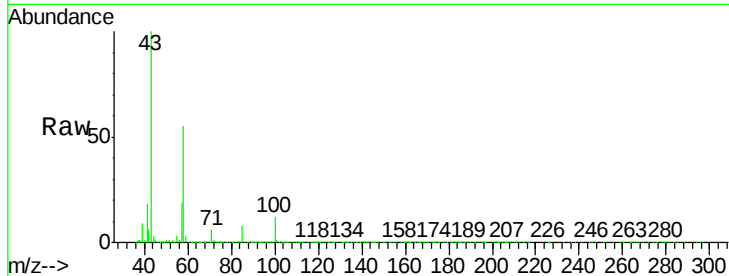
VX1224WBSD01

Tgt Ion: 43 Resp: 636722

Ion Ratio Lower Upper

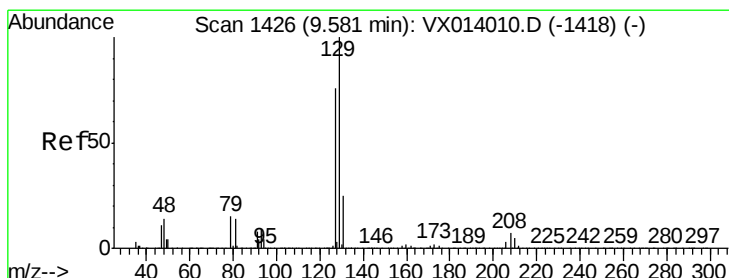
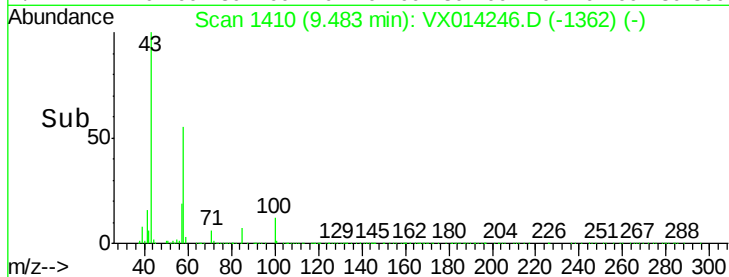
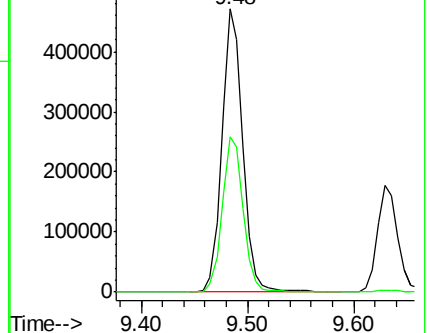
43 100

58 55.3 28.0 84.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#60

Dibromochloromethane

Concen: 18.837 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX014246.D

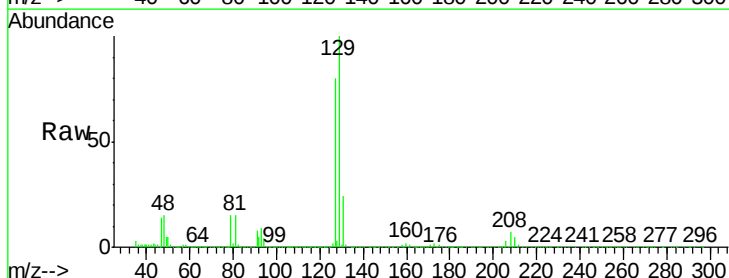
Acq: 24 Dec 2019 15:38

Tgt Ion: 129 Resp: 107394

Ion Ratio Lower Upper

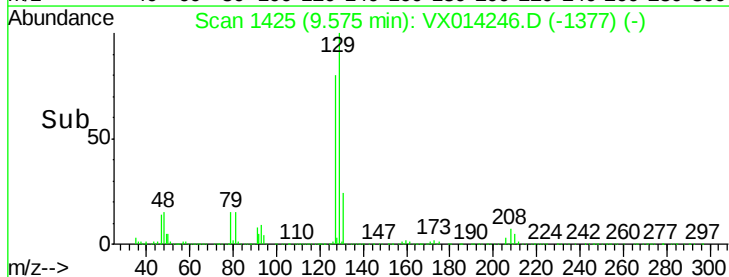
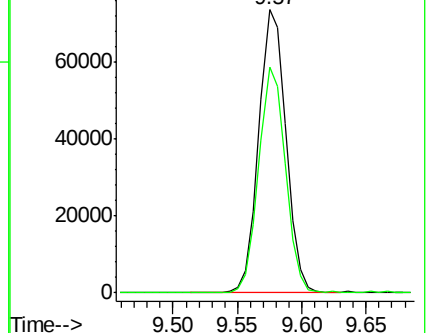
129 100

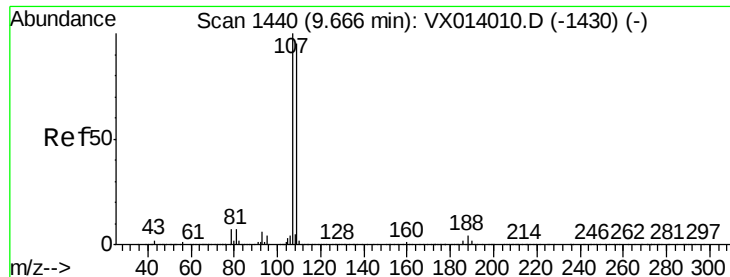
127 78.8 38.4 115.2



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#61

1,2-Dibromoethane

Concen: 19.361 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Instrument :

MSVOA_X

ClientSampleId :

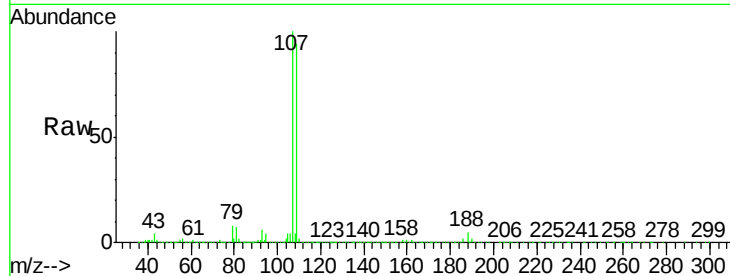
VX1224WBSD01

Tgt Ion: 107 Resp: 113615

Ion Ratio Lower Upper

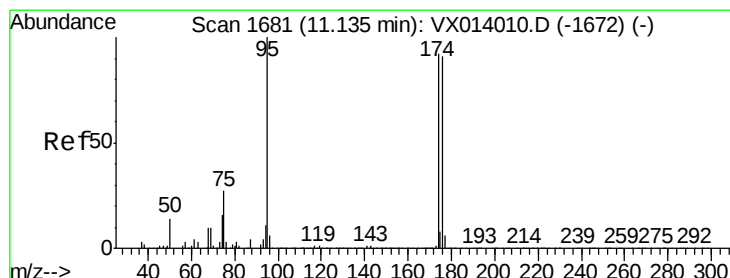
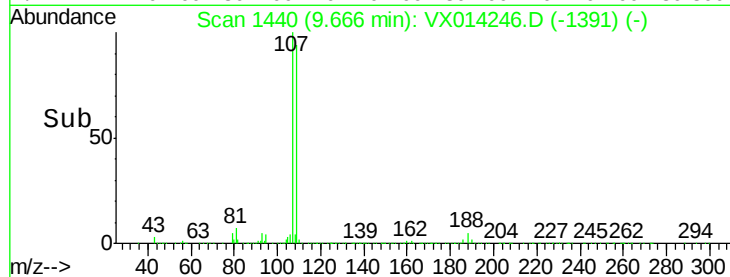
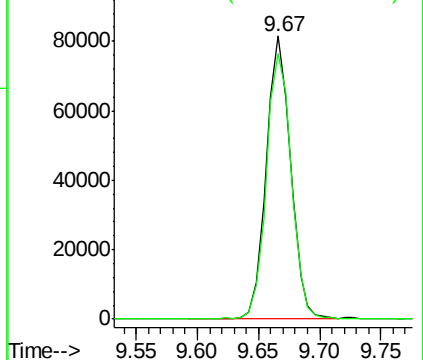
107 100

109 96.3 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.660 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

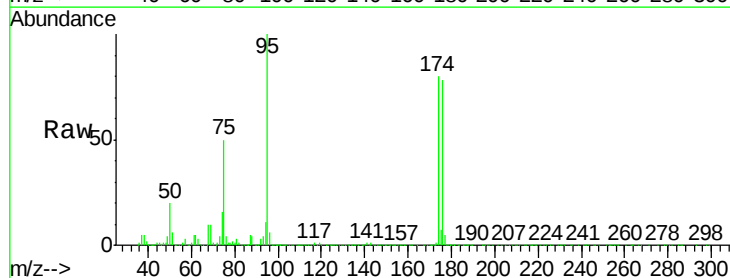
Tgt Ion: 95 Resp: 337593

Ion Ratio Lower Upper

95 100

174 86.6 0.0 175.8

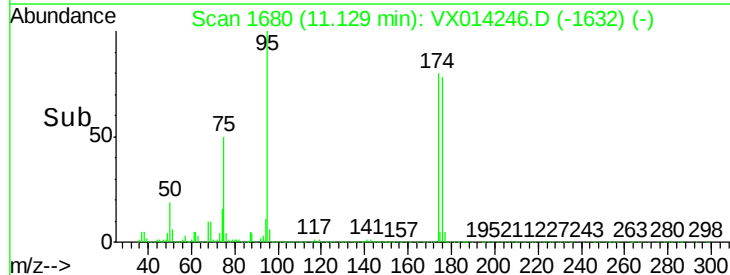
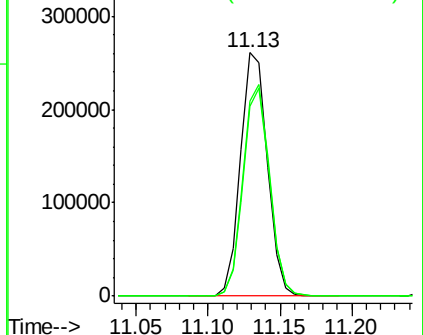
176 84.3 0.0 173.0

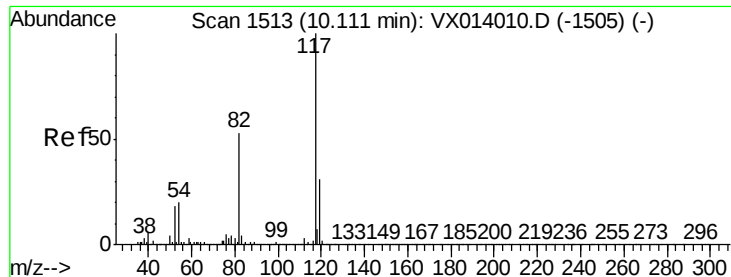


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

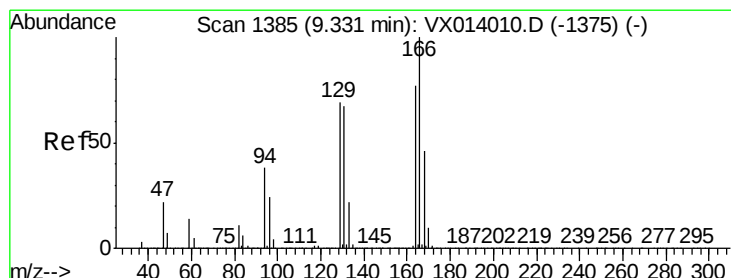
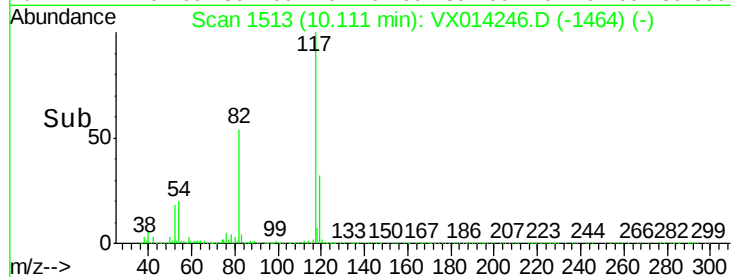
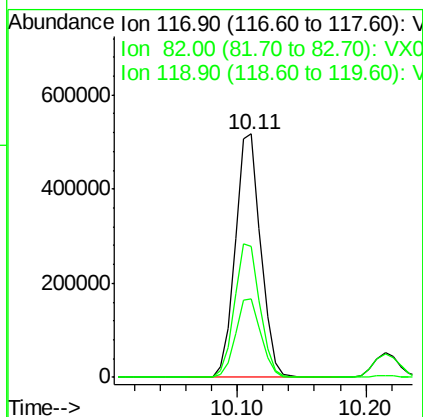
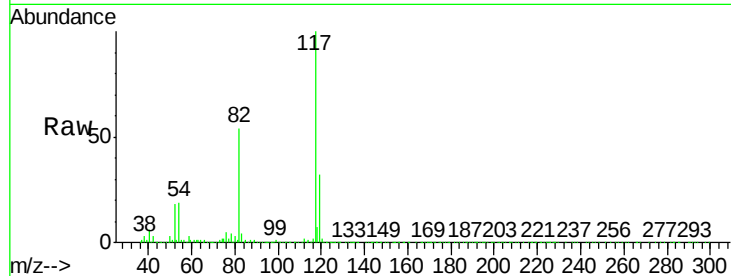




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

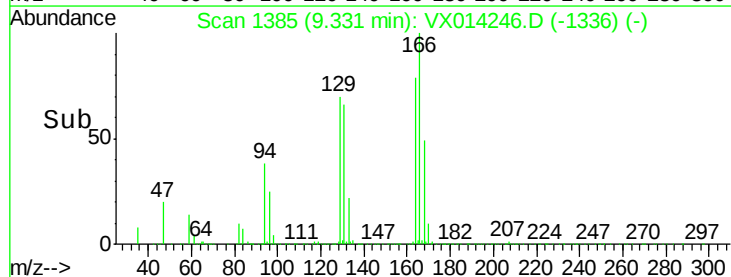
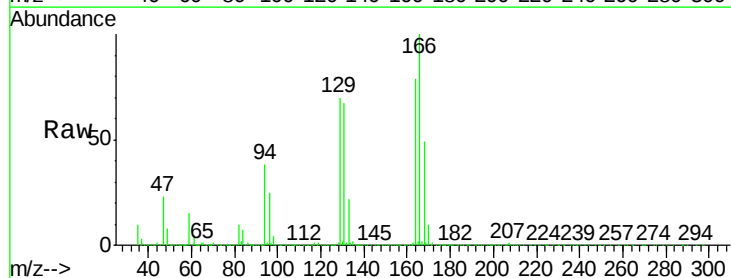
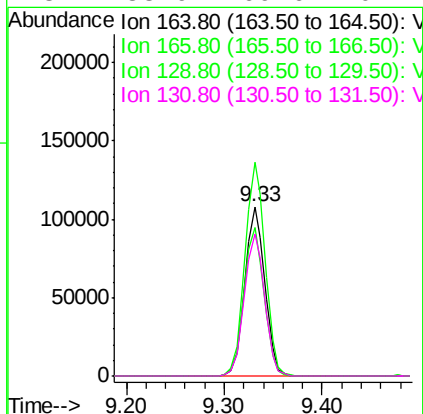
Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

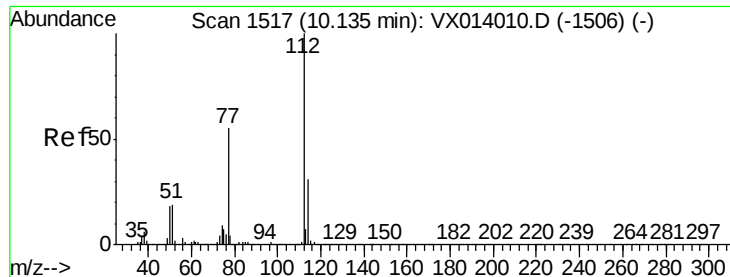
Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.0	42.2	63.4
119	32.0	25.1	37.7



#64
Tetrachloroethene
Concen: 24.374 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.0	104.0	156.0
129	87.5	72.2	108.4
131	83.9	69.6	104.4





#65

Chlorobenzene

Concen: 18.555 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Instrument :

MSVOA_X

ClientSampleId :

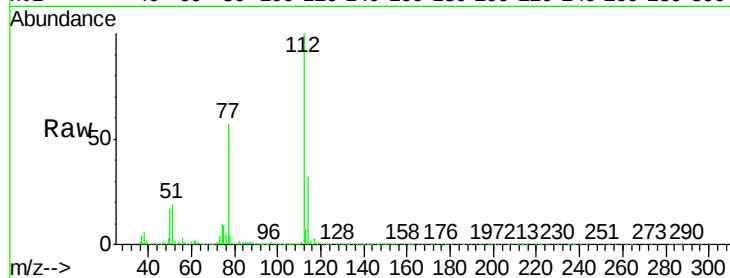
VX1224WBSD01

Tgt Ion:112 Resp: 279992

Ion Ratio Lower Upper

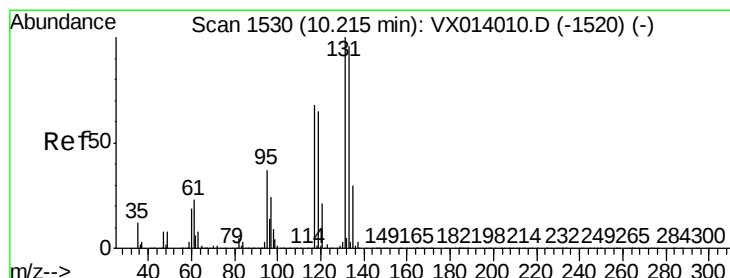
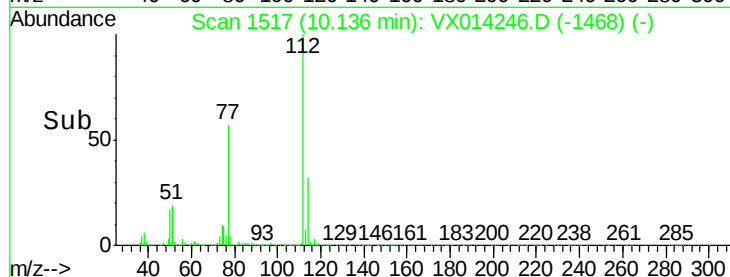
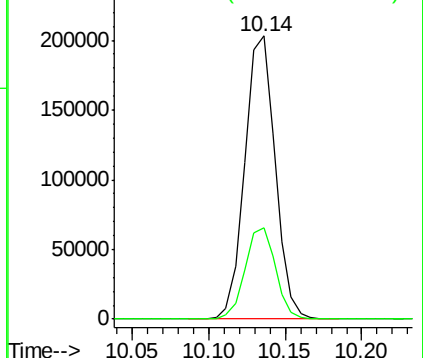
112 100

114 32.4 24.9 37.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.117 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

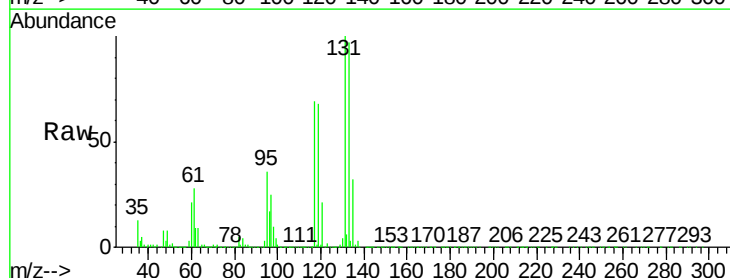
Tgt Ion:131 Resp: 103004

Ion Ratio Lower Upper

131 100

133 95.3 48.0 144.0

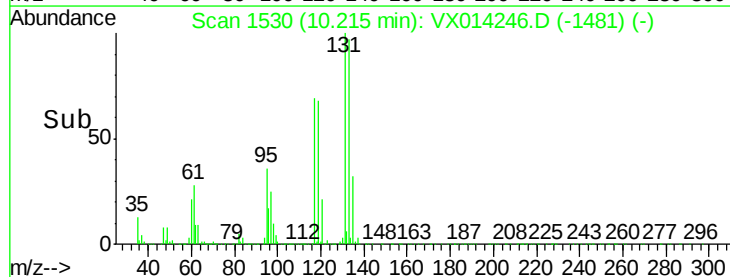
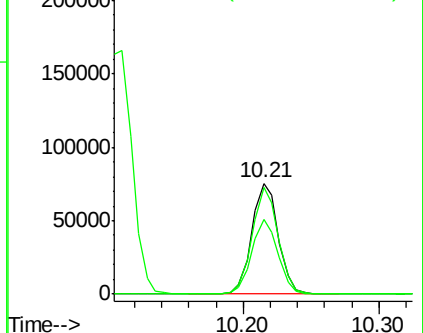
119 67.6 33.4 100.2

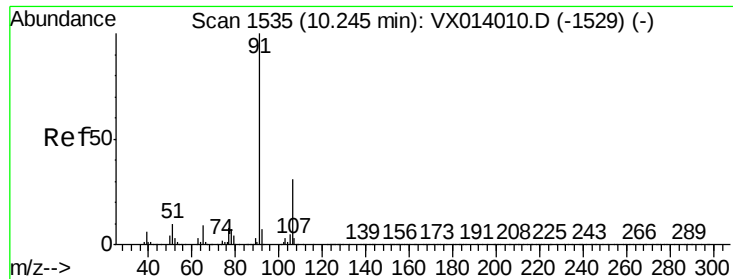


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

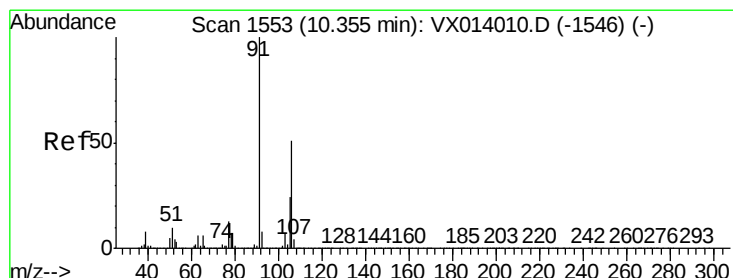
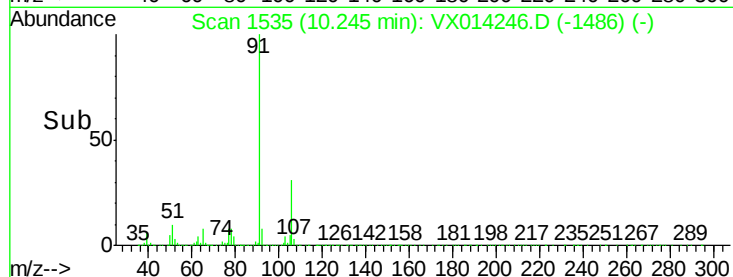
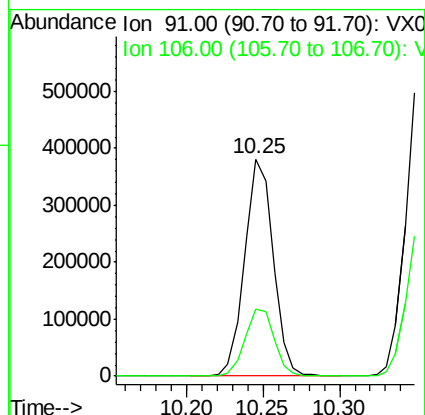
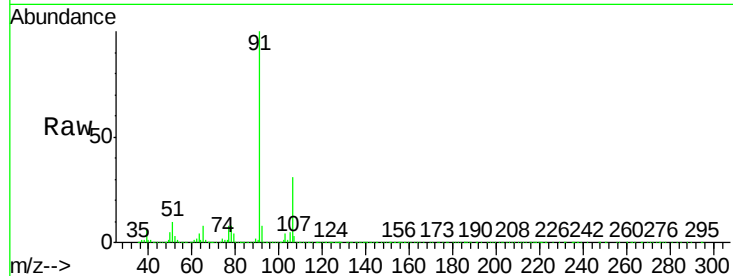




#67
Ethyl Benzene
Concen: 19.055 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

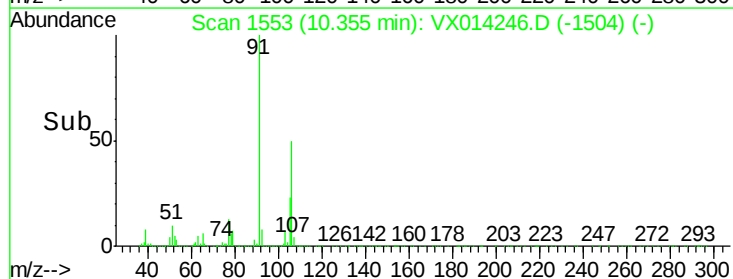
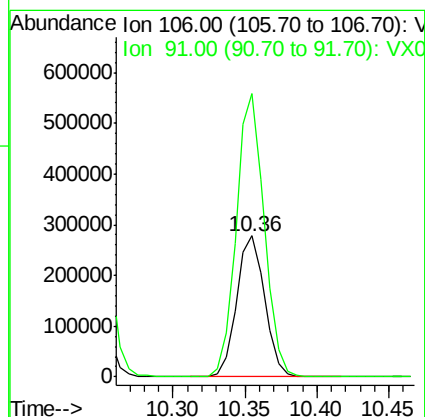
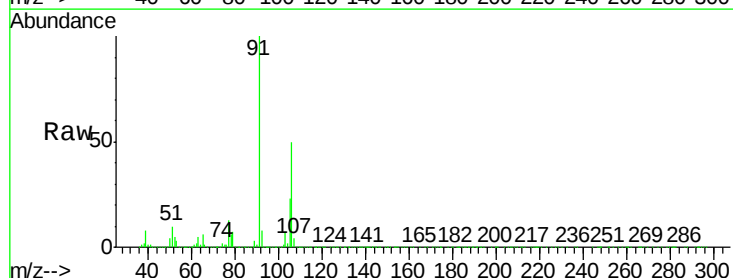
Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

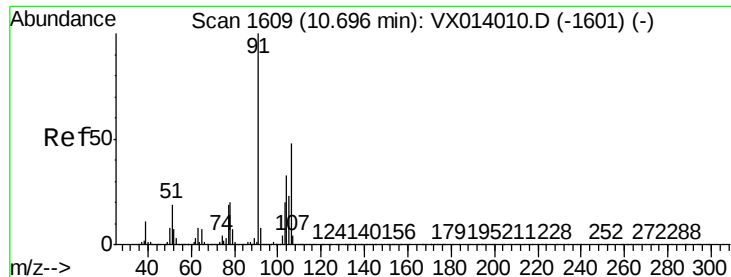
Tgt Ion: 91 Resp: 494360
Ion Ratio Lower Upper
91 100
106 31.1 25.0 37.6



#68
m/p-Xylenes
Concen: 37.844 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

Tgt Ion: 106 Resp: 377620
Ion Ratio Lower Upper
106 100
91 199.8 158.6 238.0

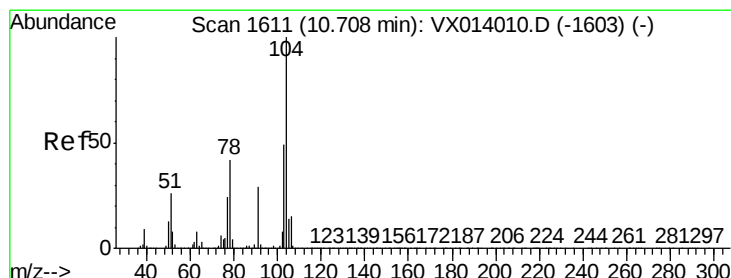
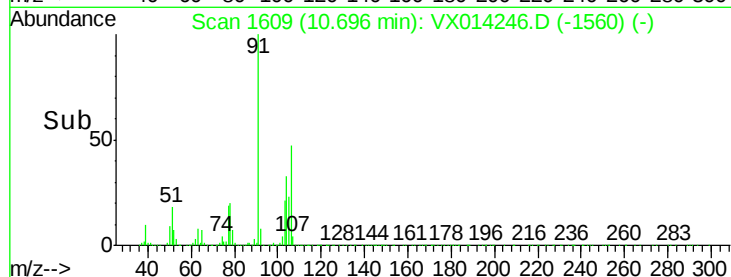
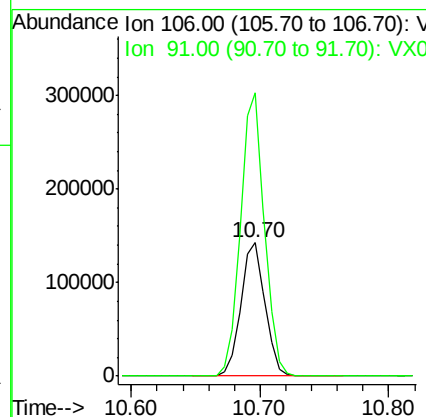
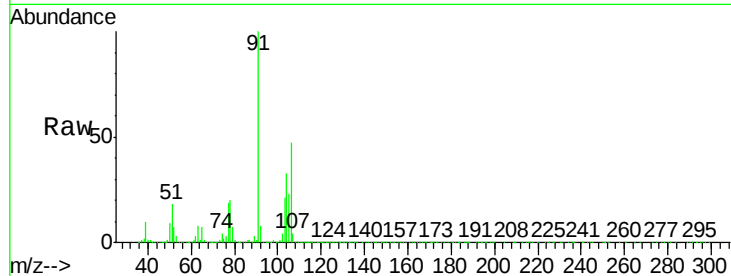




#69
o-Xylene
Concen: 18.794 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

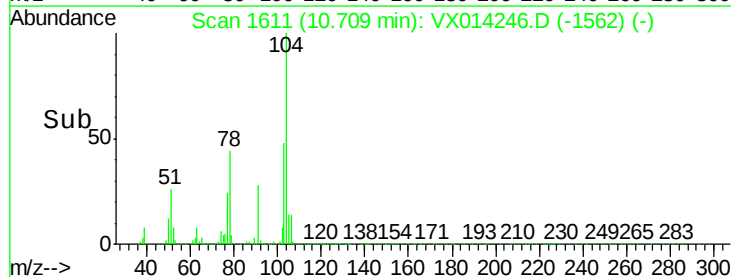
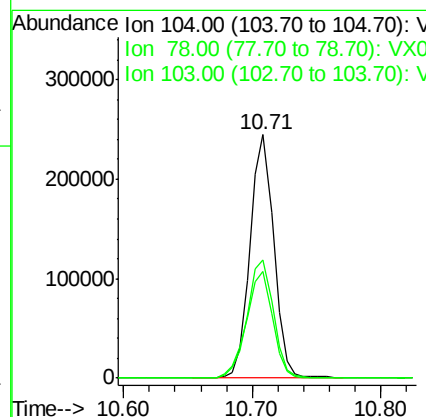
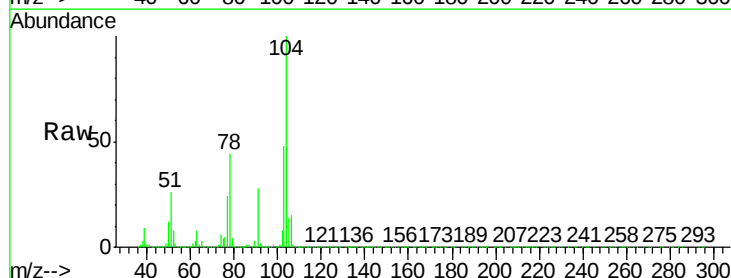
Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

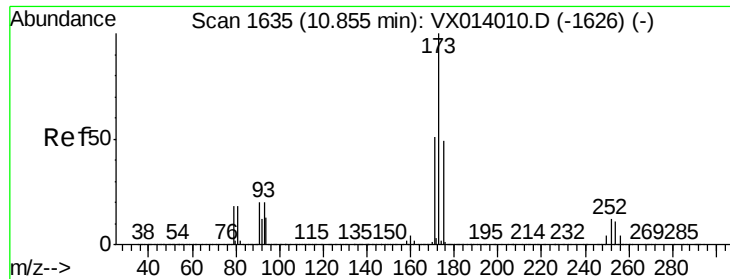
Tgt Ion:106 Resp: 183917
Ion Ratio Lower Upper
106 100
91 211.1 104.2 312.6



#70
Styrene
Concen: 18.774 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

Tgt Ion:104 Resp: 310680
Ion Ratio Lower Upper
104 100
78 48.5 38.5 57.7
103 53.8 42.9 64.3

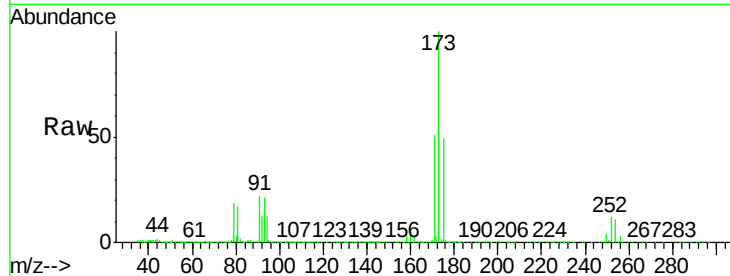




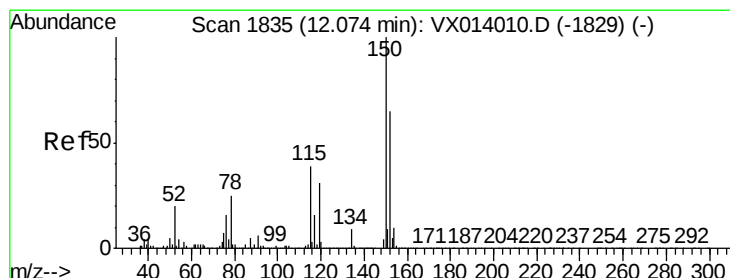
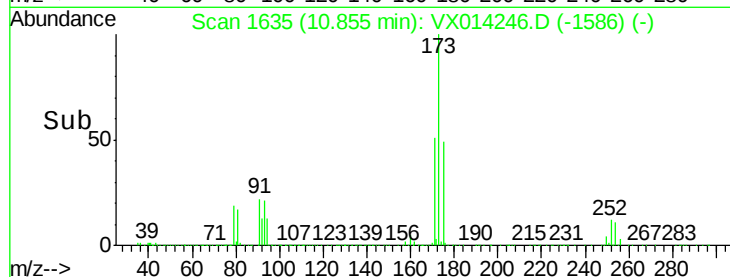
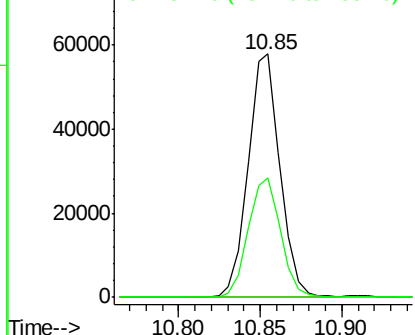
#71
Bromoform
Concen: 18.204 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

Tgt Ion:173 Resp: 78841
Ion Ratio Lower Upper
173 100
175 50.0 24.4 73.4
254 0.3 0.2 0.2#

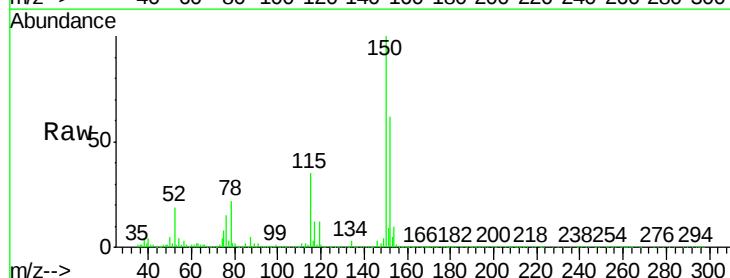


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

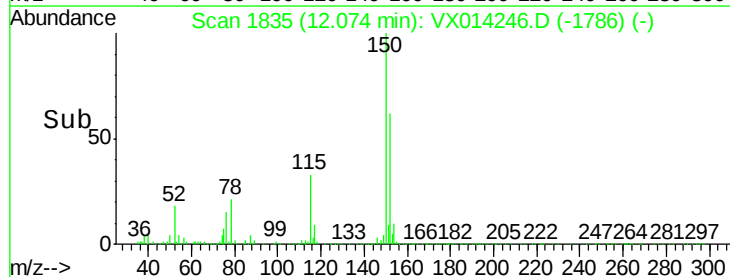
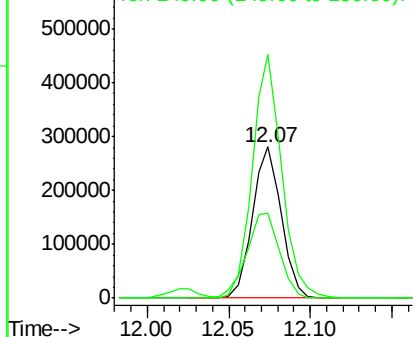


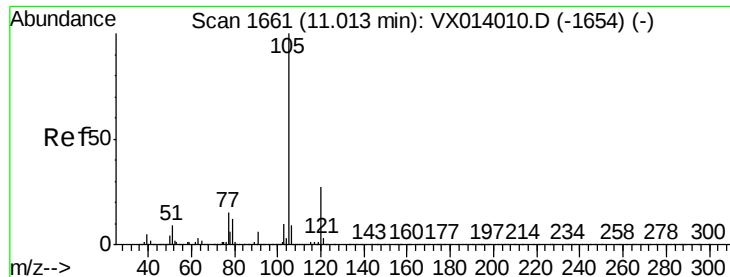
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

Tgt Ion:152 Resp: 344582
Ion Ratio Lower Upper
152 100
115 64.3 38.3 114.9
150 163.7 0.0 345.4



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: 20.123 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Instrument :

MSVOA_X

ClientSampleId :

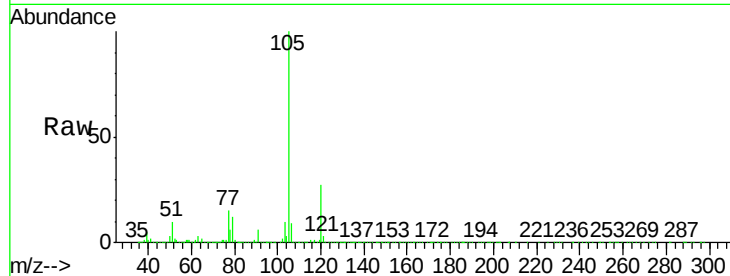
VX1224WBSD01

Tgt Ion: 105 Resp: 488203

Ion Ratio Lower Upper

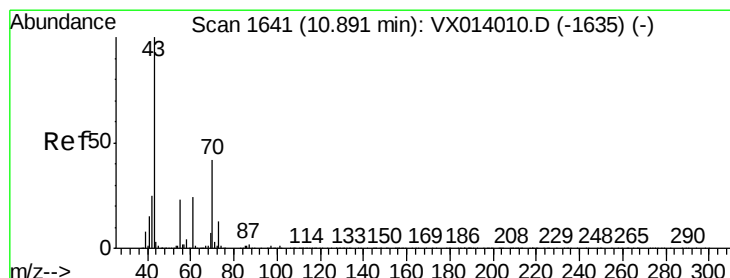
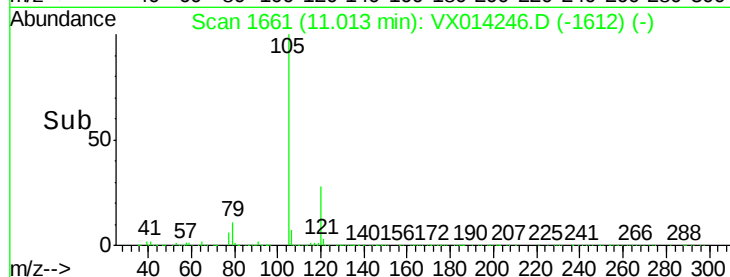
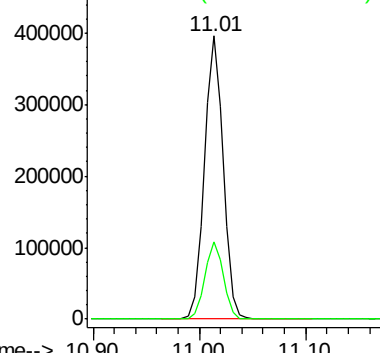
105 100

120 27.3 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.732 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Tgt Ion: 43 Resp: 224392

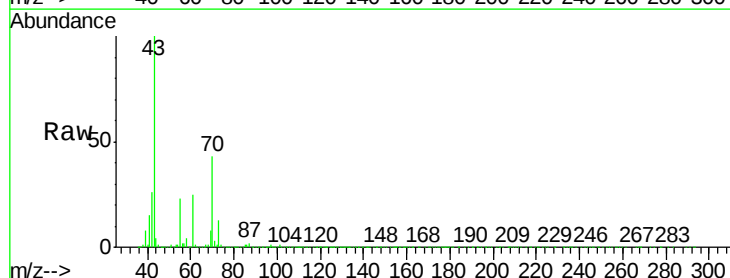
Ion Ratio Lower Upper

43 100

70 42.9 34.4 51.6

55 23.9 19.1 28.7

61 25.0 19.7 29.5

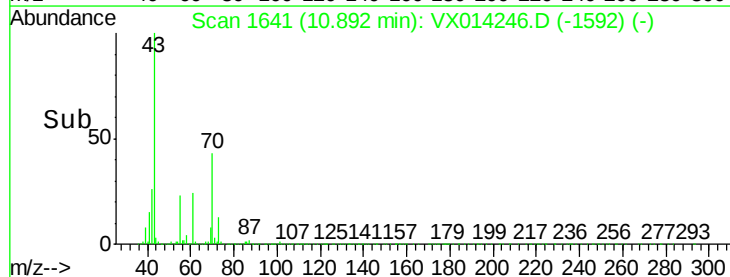
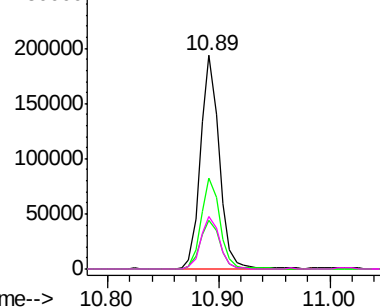


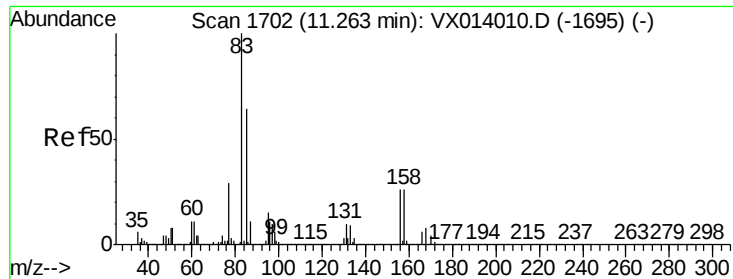
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 19.276 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Instrument :

MSVOA_X

ClientSampled :

VX1224WBSD01

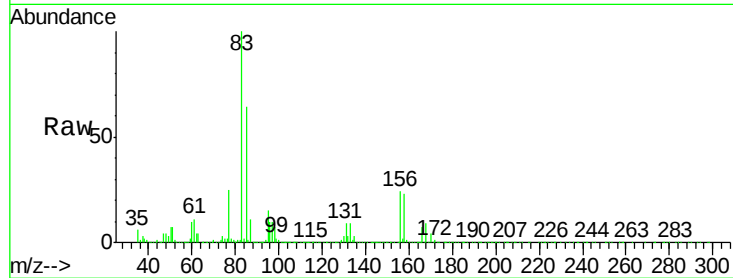
Tgt Ion: 83 Resp: 162135

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.2

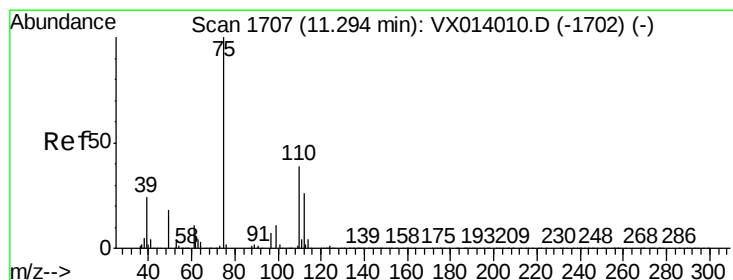
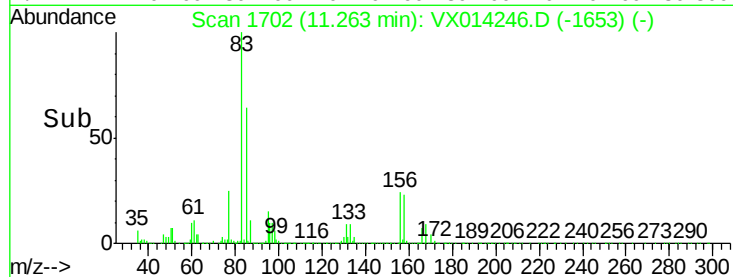
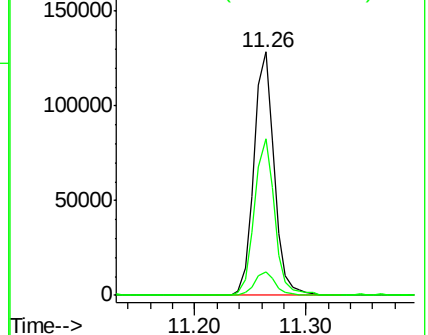
85 65.3 31.9 95.7



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: 24.769 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014246.D

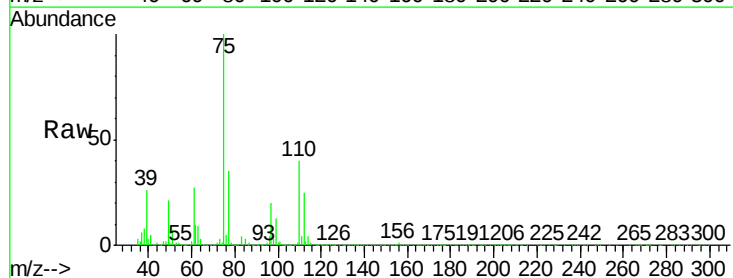
Acq: 24 Dec 2019 15:38

Tgt Ion: 75 Resp: 185289

Ion Ratio Lower Upper

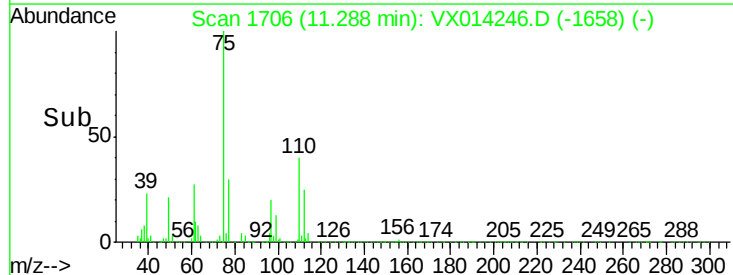
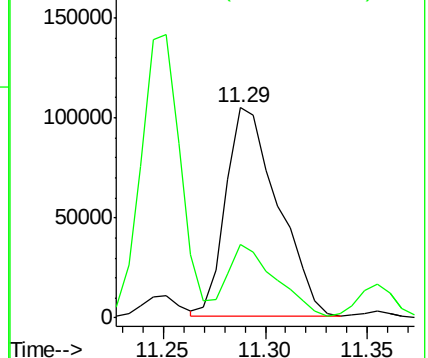
75 100

77 33.4 19.3 57.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.116 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBSD01

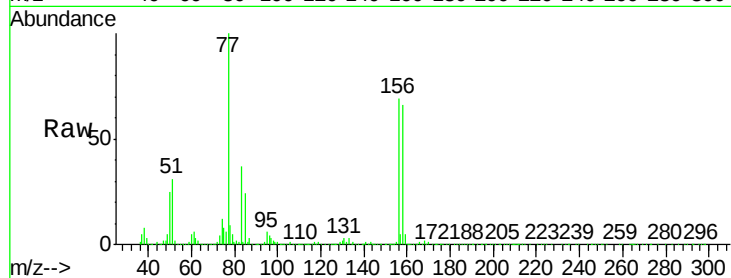
Tgt Ion: 156 Resp: 127601

Ion Ratio Lower Upper

156 100

77 147.7 76.5 229.5

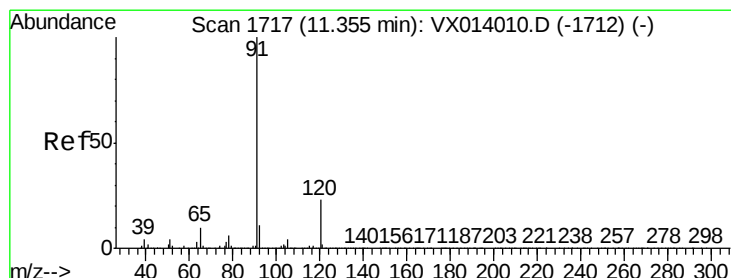
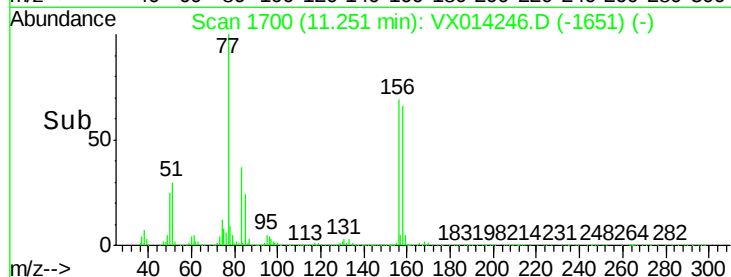
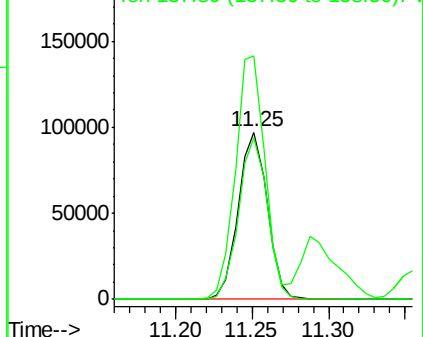
158 96.5 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.763 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014246.D

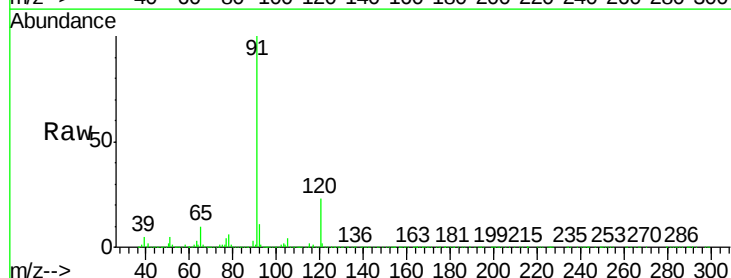
Acq: 24 Dec 2019 15:38

Tgt Ion: 91 Resp: 537817

Ion Ratio Lower Upper

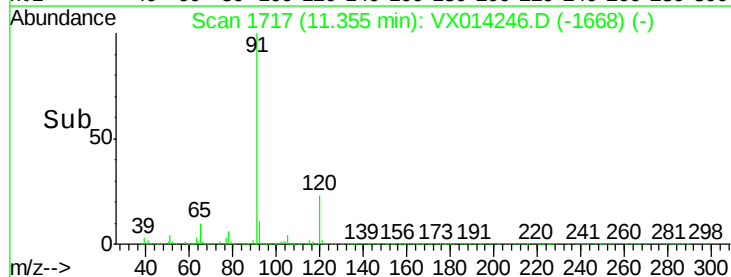
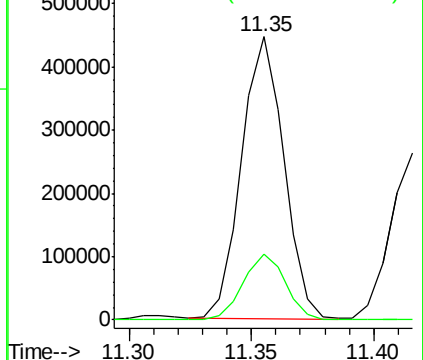
91 100

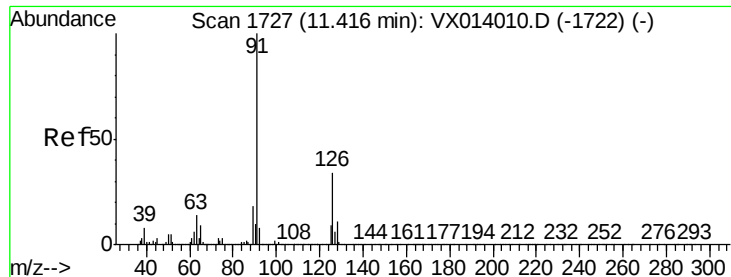
120 23.5 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.386 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Instrument :

MSVOA_X

ClientSampleId :

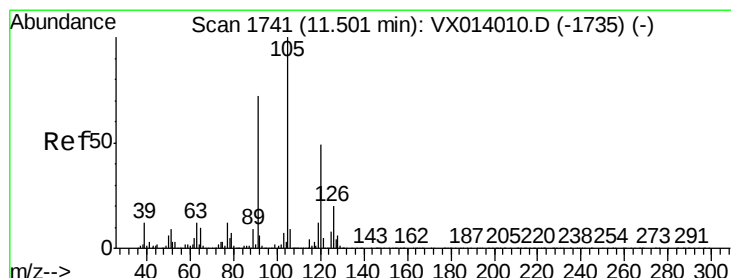
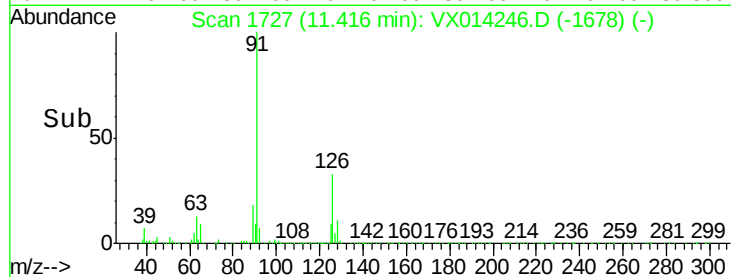
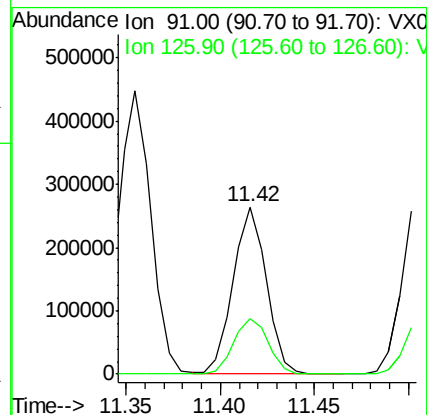
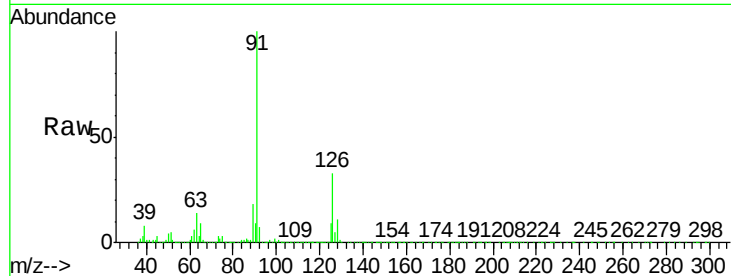
VX1224WBSD01

Tgt Ion: 91 Resp: 320695

Ion Ratio Lower Upper

91 100

126 35.0 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 19.644 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014246.D

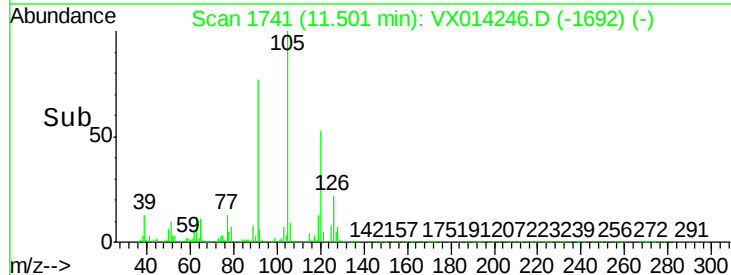
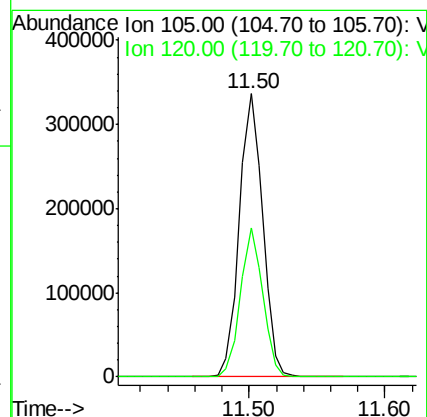
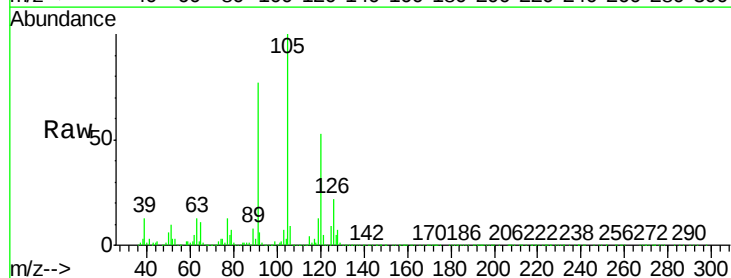
Acq: 24 Dec 2019 15:38

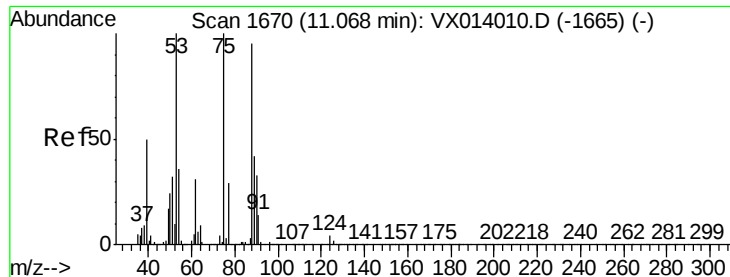
Tgt Ion: 105 Resp: 401097

Ion Ratio Lower Upper

105 100

120 50.5 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.521 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Instrument :

MSVOA_X

ClientSampled :

VX1224WBSD01

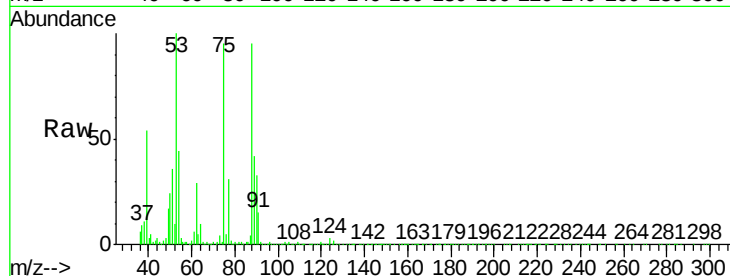
Tgt Ion: 75 Resp: 49088

Ion Ratio Lower Upper

75 100

53 106.6 76.7 115.1

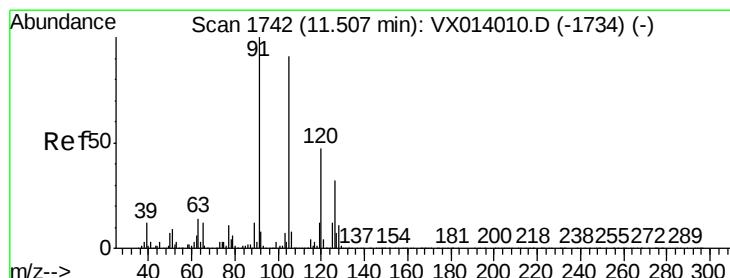
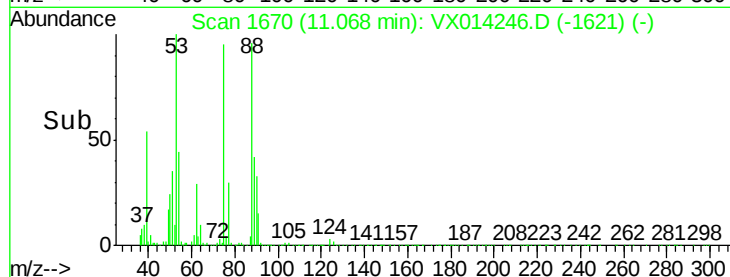
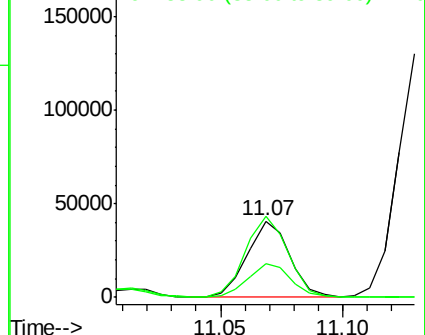
89 46.0 34.6 51.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 18.965 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014246.D

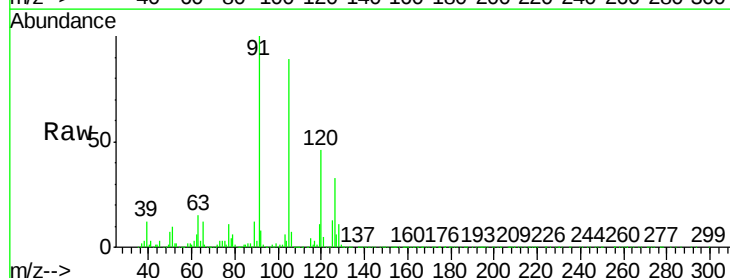
Acq: 24 Dec 2019 15:38

Tgt Ion: 91 Resp: 363914

Ion Ratio Lower Upper

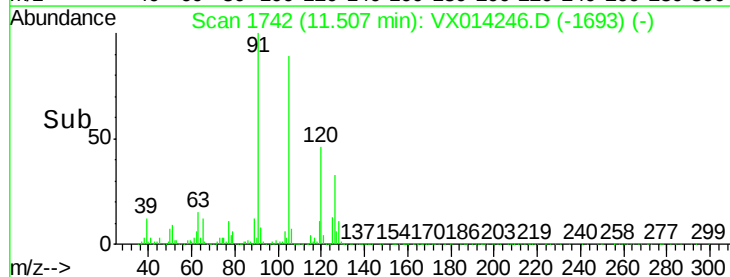
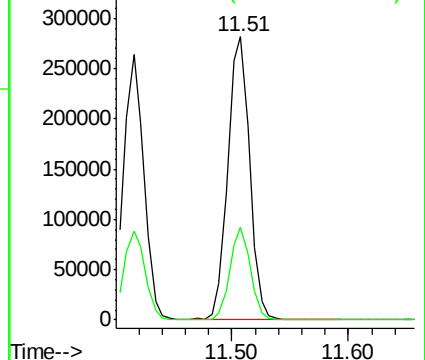
91 100

126 30.6 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

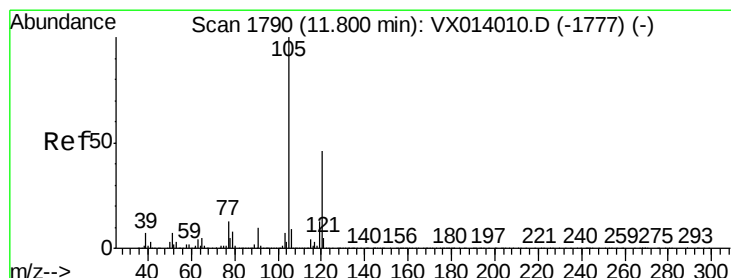
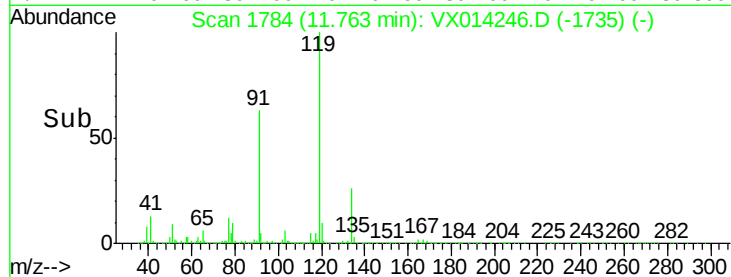
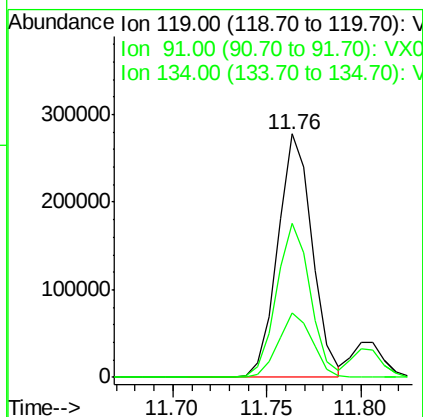
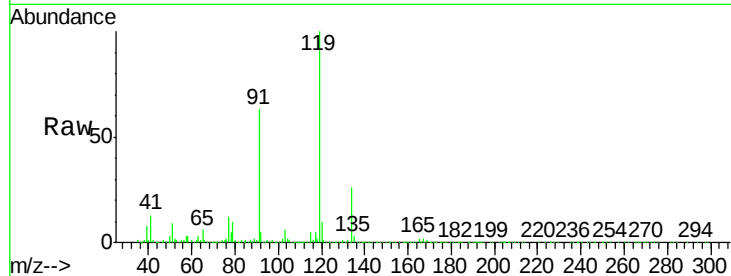




#83
 tert-Butylbenzene
 Concen: 17.639 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014246.D
 Acq: 24 Dec 2019 15:38

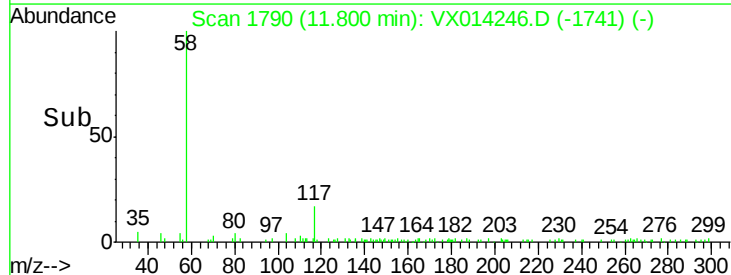
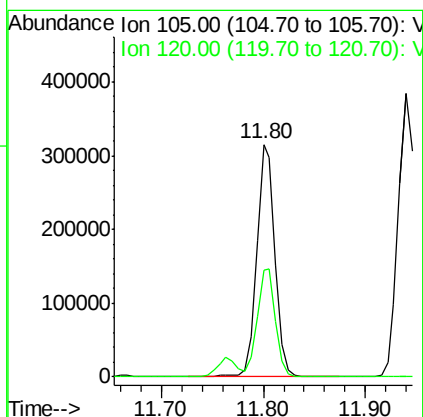
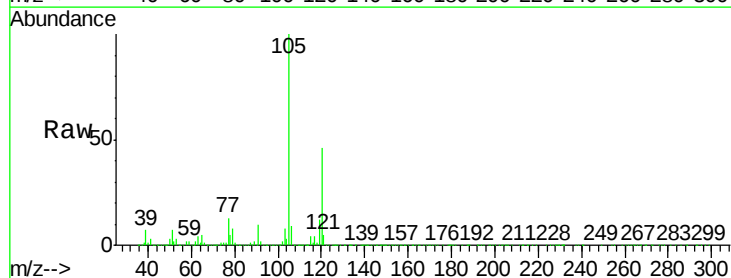
Instrument :
 MSVOA_X
 ClientSampled :
 VX1224WBSD01

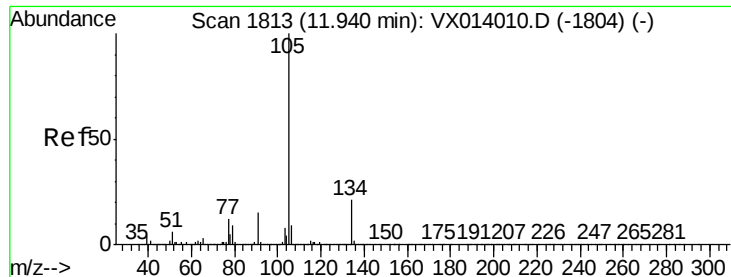
Tgt Ion:119 Resp: 350491
 Ion Ratio Lower Upper
 119 100
 91 62.5 28.5 85.6
 134 26.1 12.2 36.6



#84
 1,2,4-Trimethylbenzene
 Concen: 19.323 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX014246.D
 Acq: 24 Dec 2019 15:38

Tgt Ion:105 Resp: 395118
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.1 69.2

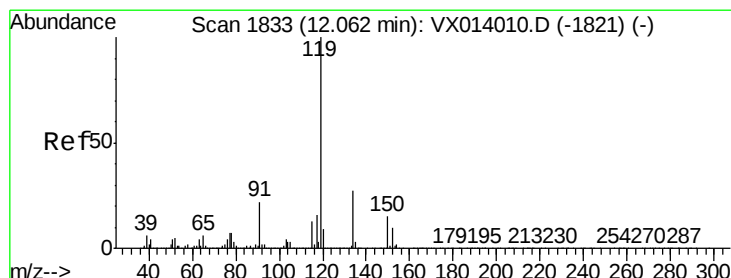
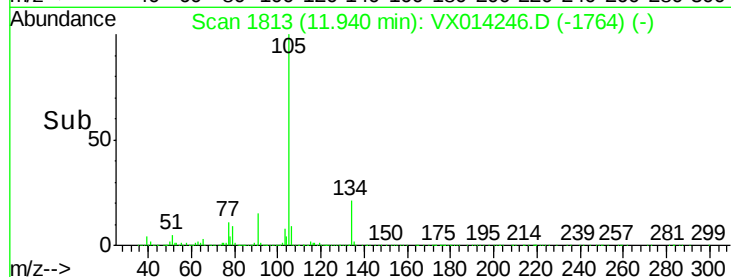
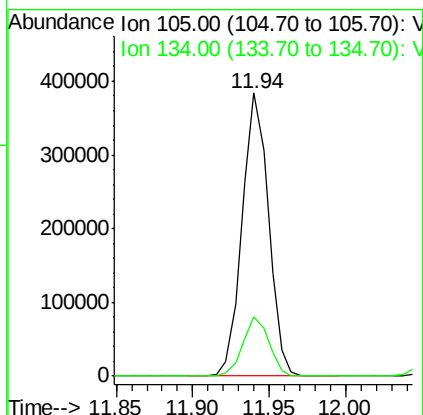
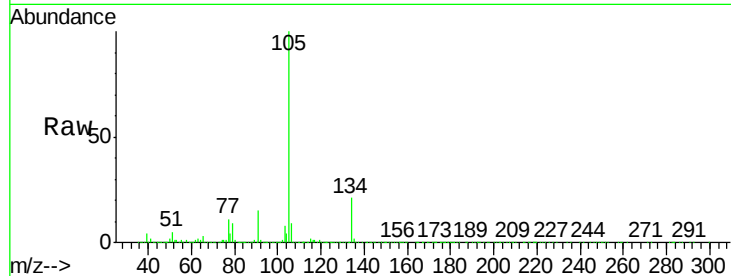




#85
 sec-Butylbenzene
 Concen: 19.563 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014246.D
 Acq: 24 Dec 2019 15:38

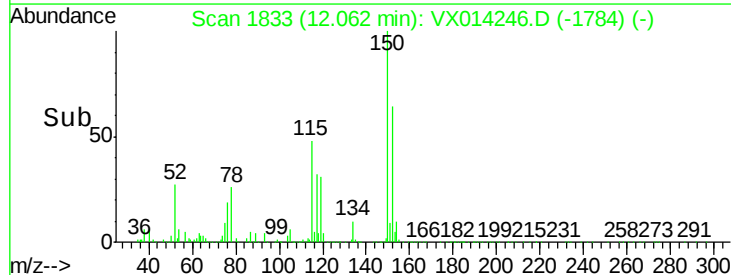
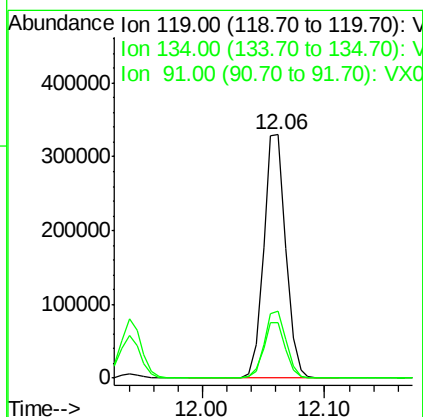
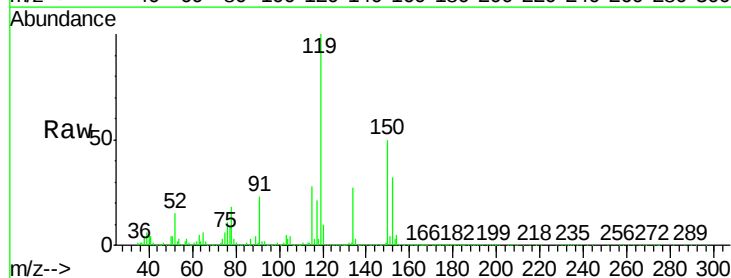
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBSD01

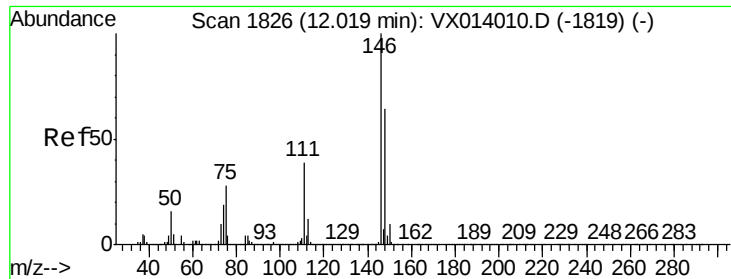
Tgt Ion:105 Resp: 458895
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 19.340 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX014246.D
 Acq: 24 Dec 2019 15:38

Tgt Ion:119 Resp: 414992
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.4 40.1
 91 22.8 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 18.633 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBSD01

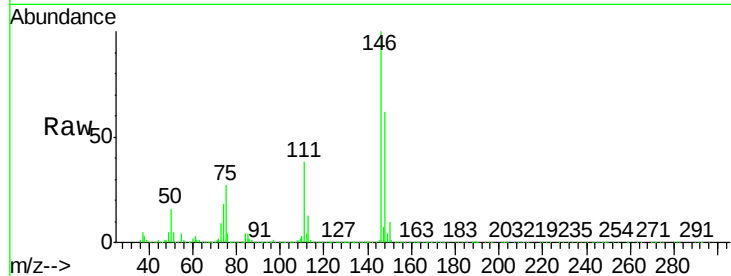
Tgt Ion:146 Resp: 217980

Ion Ratio Lower Upper

146 100

111 38.2 19.1 57.1

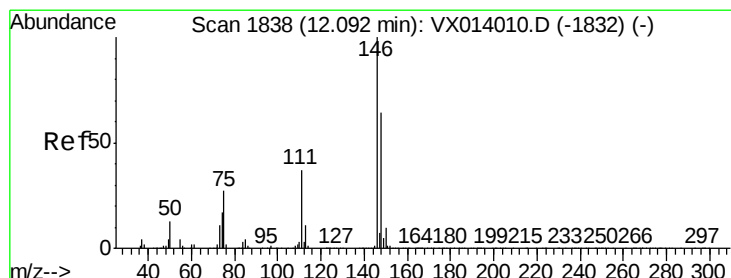
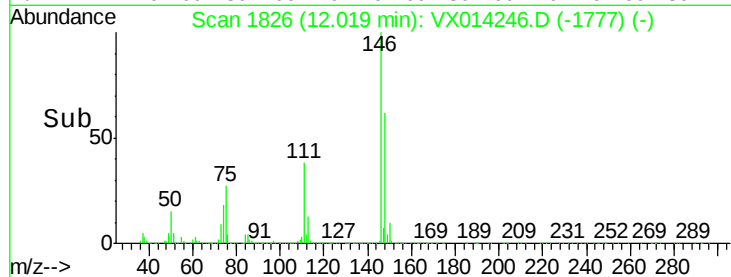
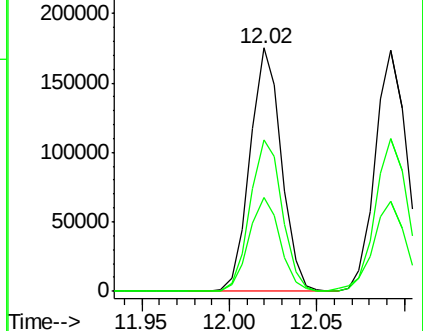
148 63.6 32.3 96.9



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



#88

1,4-Dichlorobenzene

Concen: 18.308 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

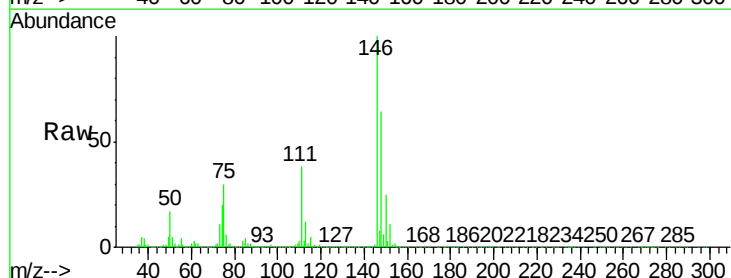
Tgt Ion:146 Resp: 217783

Ion Ratio Lower Upper

146 100

111 39.0 18.7 56.1

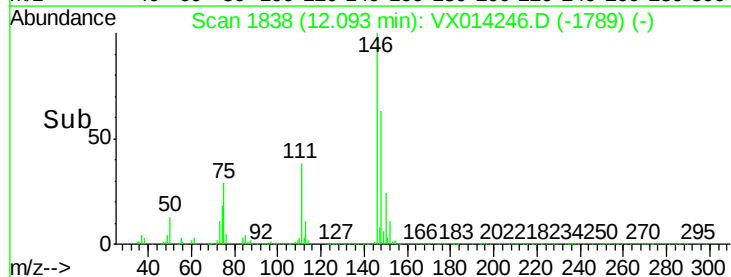
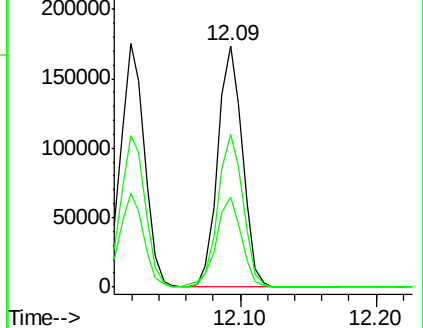
148 64.1 31.9 95.9

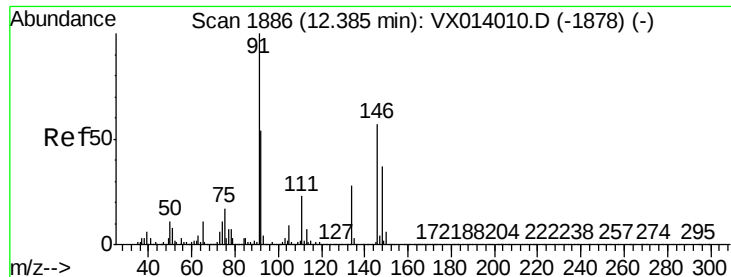


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

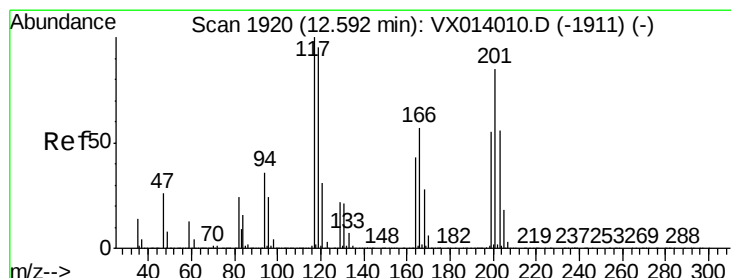
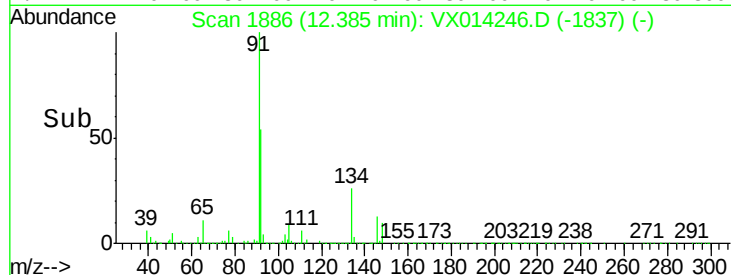
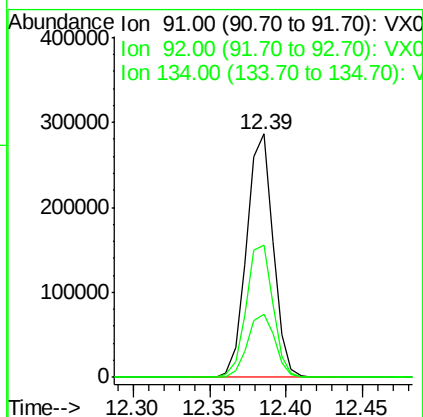
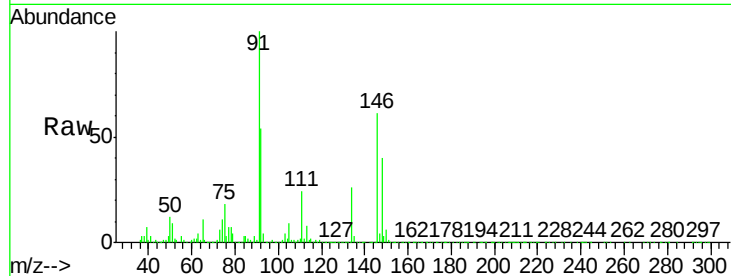




#89
n-Butylbenzene
Concen: 18.807 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

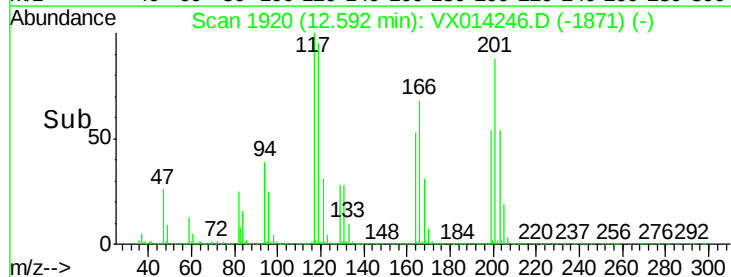
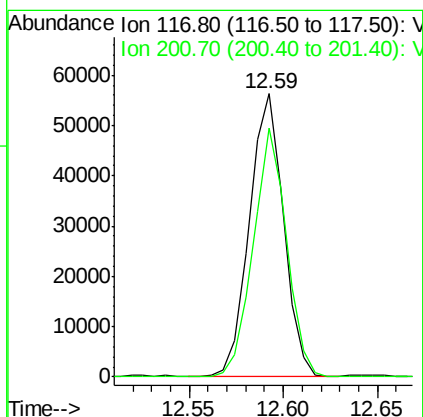
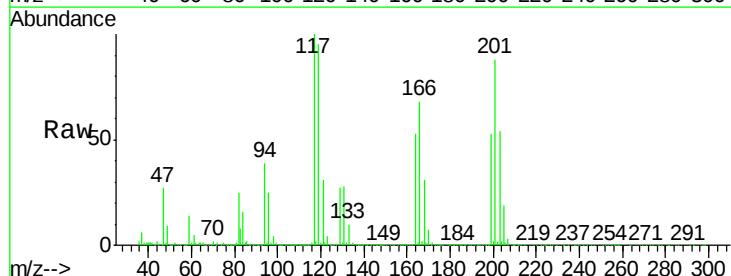
Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

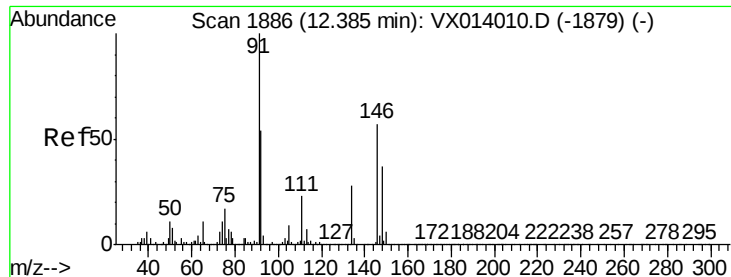
Tgt Ion: 91 Resp: 344342
Ion Ratio Lower Upper
91 100
92 54.8 27.2 81.6
134 27.0 13.4 40.1



#90
Hexachloroethane
Concen: 18.356 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

Tgt Ion: 117 Resp: 70748
Ion Ratio Lower Upper
117 100
201 85.8 43.1 129.3

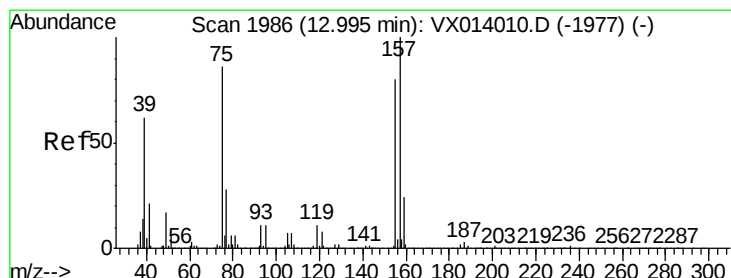
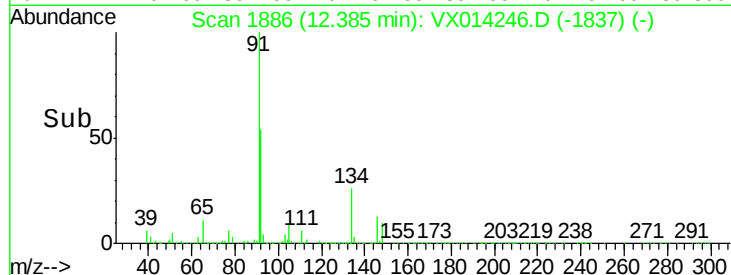
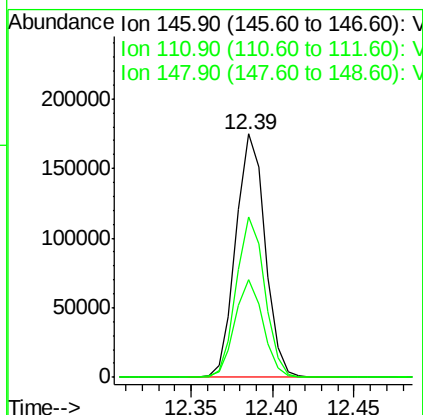
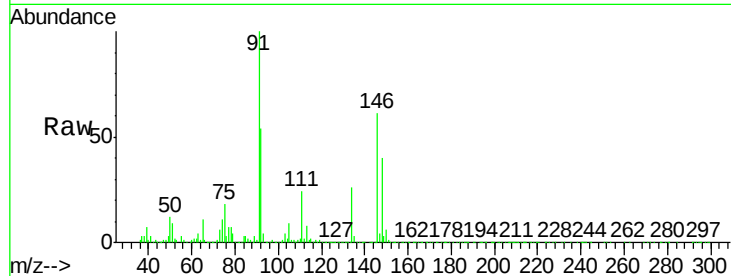




#91
 1,2-Dichlorobenzene
 Concen: 18.589 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014246.D
 Acq: 24 Dec 2019 15:38

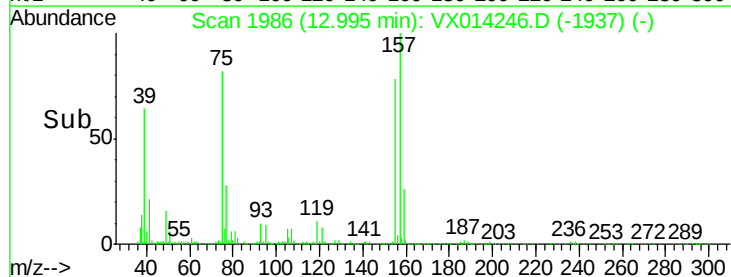
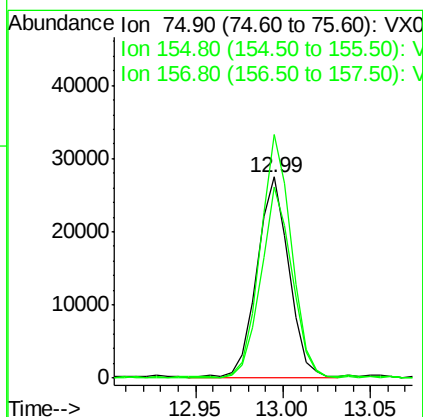
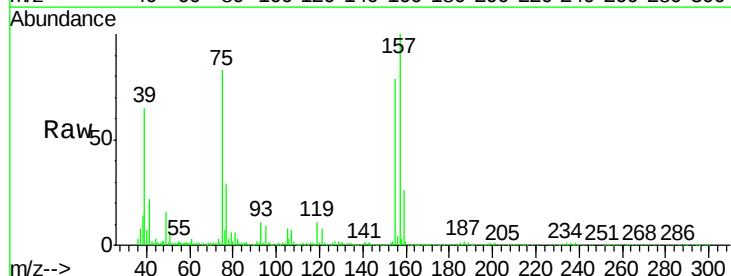
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBSD01

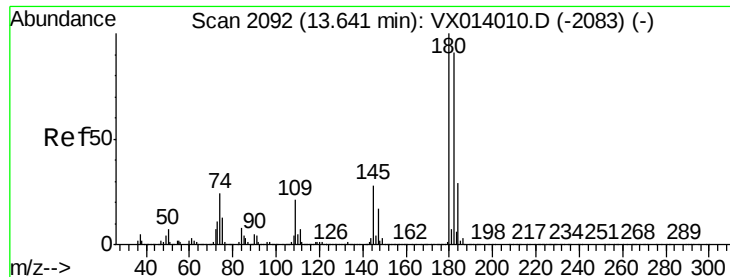
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.7	59.1
148	64.4	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.524 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014246.D
 Acq: 24 Dec 2019 15:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.7	46.9	140.6
157	117.0	60.8	182.4

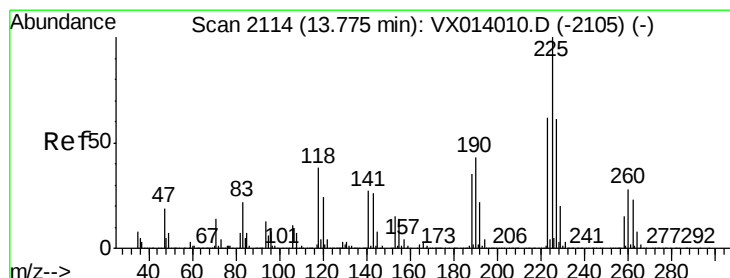
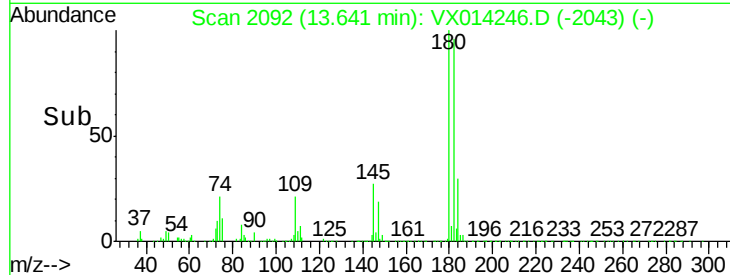
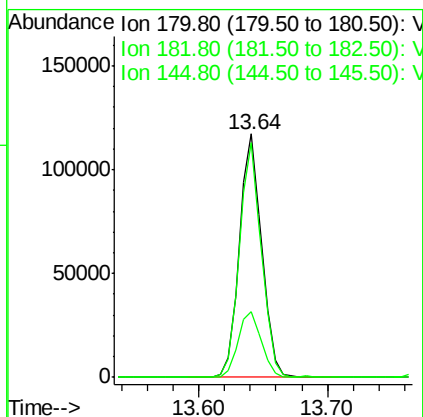
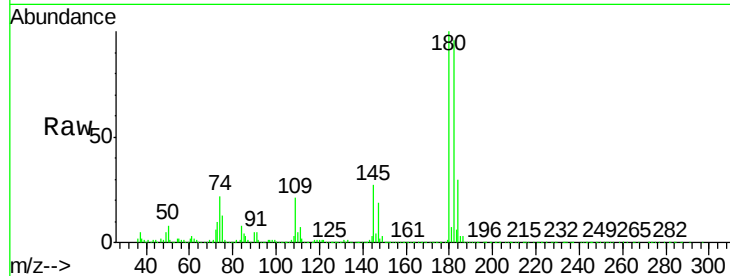




#93
 1,2,4-Trichlorobenzene
 Concen: 18.330 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014246.D
 Acq: 24 Dec 2019 15:38

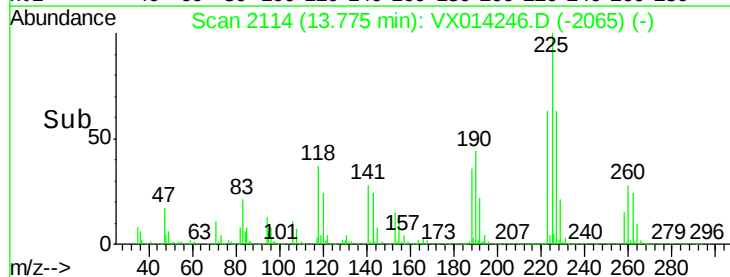
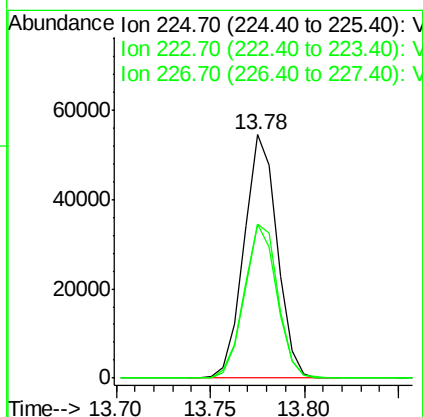
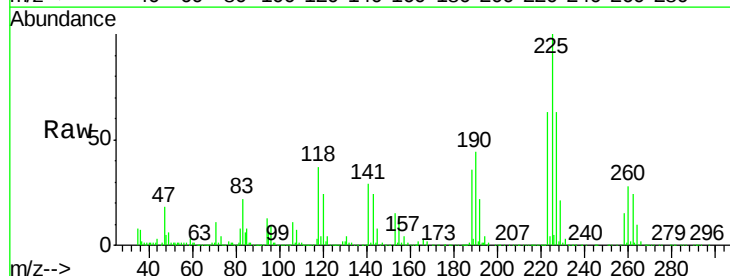
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBSD01

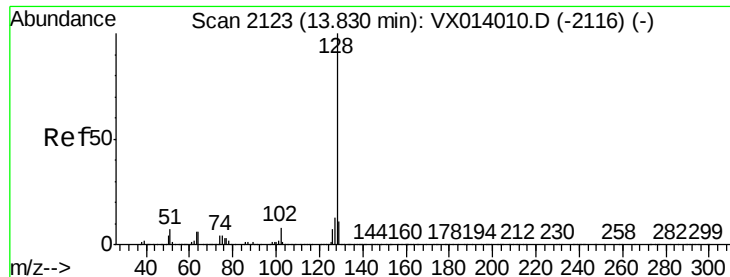
Tgt Ion:180 Resp: 140303
 Ion Ratio Lower Upper
 180 100
 182 95.0 46.6 139.8
 145 28.1 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 18.036 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014246.D
 Acq: 24 Dec 2019 15:38

Tgt Ion:225 Resp: 66351
 Ion Ratio Lower Upper
 225 100
 223 63.1 30.9 92.5
 227 64.2 30.9 92.7

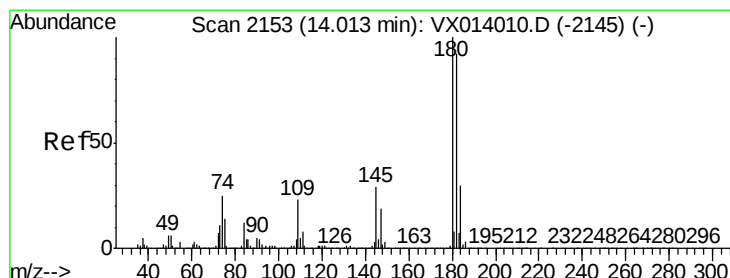
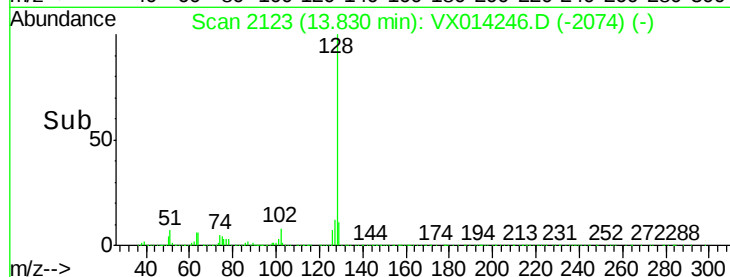
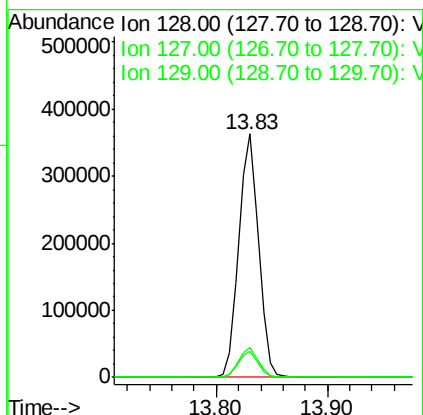
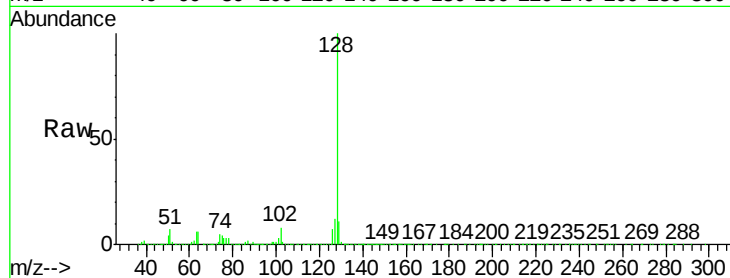




#95
Naphthalene
Concen: 19.995 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.2	15.4
129	10.7	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.879 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
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Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	46.8	140.3
145	29.2	14.8	44.4

