

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122419\
 Data File : VX014235.D
 Acq On : 24 Dec 2019 11:09
 Operator : JC/SP
 Sample : VX1224WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBS01

Quant Time: Dec 25 05:37:39 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	525210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	786891	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	709008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	349083	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	284946	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
35) Dibromofluoromethane	5.48	113	237472	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
50) Toluene-d8	8.71	98	921932	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
62) 4-Bromofluorobenzene	11.13	95	328151	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	81215	17.285	ug/l	98
3) Chloromethane	1.32	50	111162	17.629	ug/l	98
4) Vinyl Chloride	1.40	62	116539	17.515	ug/l	99
5) Bromomethane	1.63	94	71297	15.097	ug/l	99
6) Chloroethane	1.72	64	76304	18.581	ug/l	93
7) Trichlorofluoromethane	1.92	101	152453	18.509	ug/l	97
8) Diethyl Ether	2.18	74	70567	18.255	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	94377	19.008	ug/l	99
10) Methyl Iodide	2.50	142	98567	16.886	ug/l	99
11) Tert butyl alcohol	3.02	59	111495	86.685	ug/l	99
12) 1,1-Dichloroethene	2.36	96	91492	18.109	ug/l	99
13) Acrolein	2.28	56	66581	90.431	ug/l	97
14) Allyl chloride	2.72	41	164916	18.282	ug/l	99
15) Acrylonitrile	3.12	53	289672	96.490	ug/l	98
16) Acetone	2.43	43	336447	87.062	ug/l	99
17) Carbon Disulfide	2.56	76	229277	16.852	ug/l	99
18) Methyl Acetate	2.76	43	147237	19.228	ug/l	96
19) Methyl tert-butyl Ether	3.18	73	312139	18.802	ug/l	96
20) Methylene Chloride	2.84	84	113086	18.583	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	102677	18.447	ug/l	99
22) Diisopropyl ether	3.84	45	344894	19.187	ug/l	99
23) Vinyl Acetate	3.80	43	1403080	95.648	ug/l	100
24) 1,1-Dichloroethane	3.69	63	185495	18.548	ug/l	100
25) 2-Butanone	4.65	43	440906	92.541	ug/l	97
26) 2,2-Dichloropropane	4.57	77	141814	18.264	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	115776	18.392	ug/l	98
28) Bromochloromethane	5.00	49	81075	21.342	ug/l	96
29) Tetrahydrofuran	5.11	42	251284	94.295	ug/l	99
30) Chloroform	5.20	83	177909	18.765	ug/l	99
31) Cyclohexane	5.56	56	166017	18.664	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	146215	18.096	ug/l	99
36) 1,1-Dichloropropene	5.79	75	133736	18.523	ug/l	99
37) Ethyl Acetate	4.81	43	151529	19.005	ug/l	99
38) Carbon Tetrachloride	5.77	117	126920	19.296	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	169548	19.018	ug/l	97
40) Benzene	6.13	78	418929	18.857	ug/l	98
41) Methacrylonitrile	5.02	41	82249	18.592	ug/l	100
42) 1,2-Dichloroethane	6.18	62	144515	19.190	ug/l	98
43) Isopropyl Acetate	6.43	43	245629	18.615	ug/l	100
44) Trichloroethene	7.20	130	112185	18.283	ug/l	99
45) 1,2-Dichloropropane	7.51	63	109598	19.248	ug/l	100
46) Dibromomethane	7.65	93	70114	18.624	ug/l	99
47) Bromodichloromethane	7.89	83	134727	19.002	ug/l	98
48) Methyl methacrylate	7.76	41	120483	18.647	ug/l	99
49) 1,4-Dioxane	7.73	88	50109	381.090	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	788743	95.181	ug/l	99
52) Toluene	8.78	92	262142	18.669	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	145852	18.761	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	165666	19.127	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	108141	19.215	ug/l	99
56) Ethyl methacrylate	9.17	69	165986	18.776	ug/l	99
57) 1,3-Dichloropropane	9.36	76	182272	19.250	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	333050	99.551	ug/l	99
59) 2-Hexanone	9.48	43	625992	93.840	ug/l	99
60) Dibromochloromethane	9.57	129	106882	19.106	ug/l	99
61) 1,2-Dibromoethane	9.67	107	112962	19.618	ug/l	99
64) Tetrachloroethene	9.33	164	127127	20.263	ug/l	94
65) Chlorobenzene	10.14	112	285252	18.922	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	103207	19.174	ug/l	98
67) Ethyl Benzene	10.25	91	490659	18.931	ug/l	100
68) m/p-Xylenes	10.35	106	370048	37.122	ug/l	97
69) o-Xylene	10.70	106	179860	18.397	ug/l	98
70) Styrene	10.71	104	307672	18.611	ug/l	100
71) Bromoform	10.85	173	77518	17.916	ug/l #	100
73) Isopropylbenzene	11.01	105	482802	19.644	ug/l	99
74) N-amyl acetate	10.89	43	210744	18.293	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	159424	18.709	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	175592	23.170	ug/l	93
77) Bromobenzene	11.25	156	124482	18.408	ug/l	98
78) n-propylbenzene	11.35	91	545698	19.794	ug/l	100
79) 2-Chlorotoluene	11.42	91	320917	19.150	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	402700	19.468	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	47972	17.867	ug/l	94
82) 4-Chlorotoluene	11.51	91	370320	19.050	ug/l	99
83) tert-Butylbenzene	11.76	119	376556	18.706	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	400017	19.311	ug/l	100
85) sec-Butylbenzene	11.94	105	470842	19.813	ug/l	99
86) p-Isopropyltoluene	12.06	119	423450	19.480	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	217343	18.339	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	220243	18.276	ug/l	99
89) n-Butylbenzene	12.38	91	361613	19.496	ug/l	99
90) Hexachloroethane	12.59	117	71965	18.431	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	218566	18.320	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32622	17.300	ug/l	100

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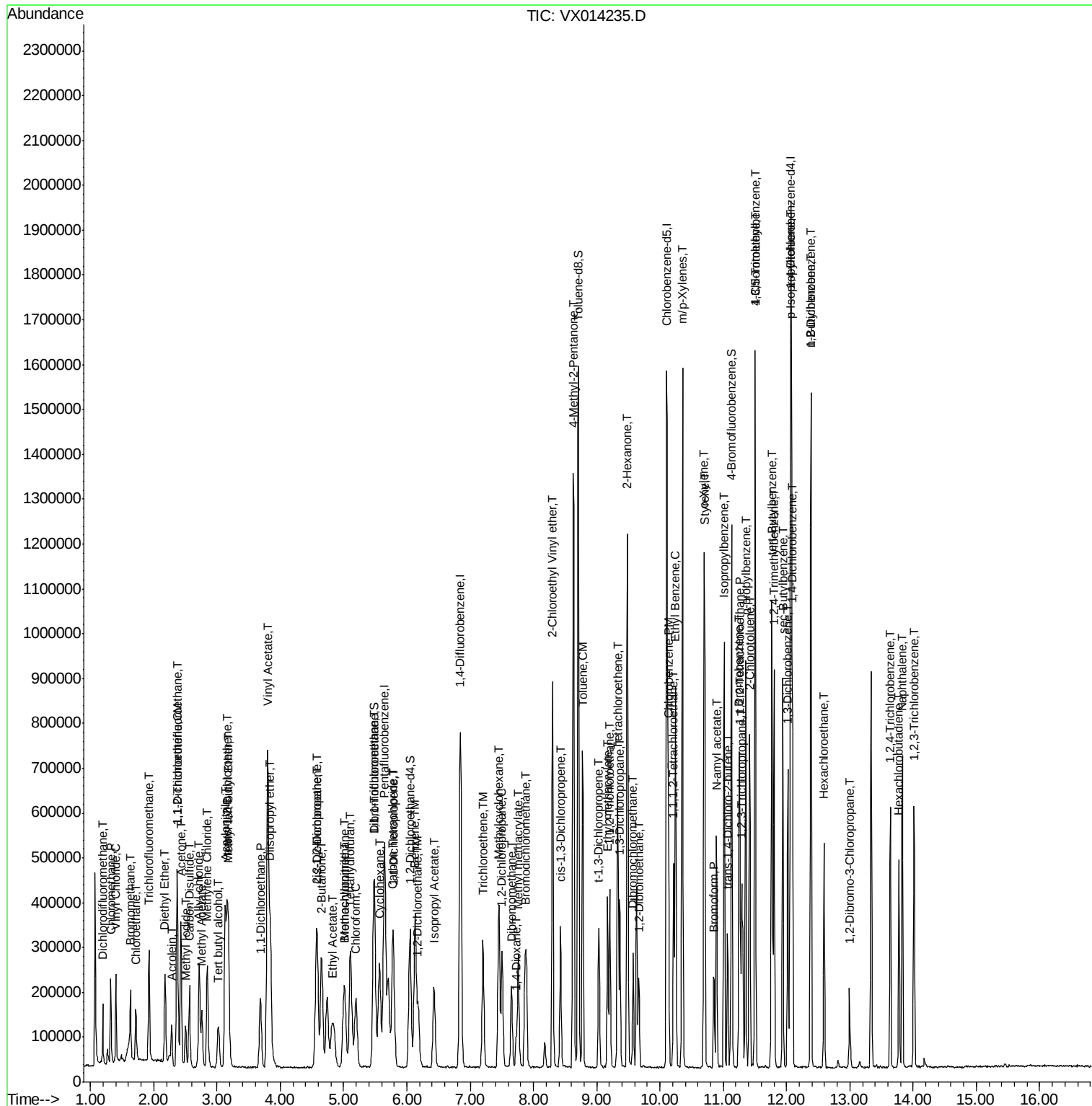
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	143499	18.505	ug/l	98
94) Hexachlorobutadiene	13.77	225	72712	19.511	ug/l	97
95) Naphthalene	13.83	128	423778	18.601	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	143098	18.694	ug/l	97

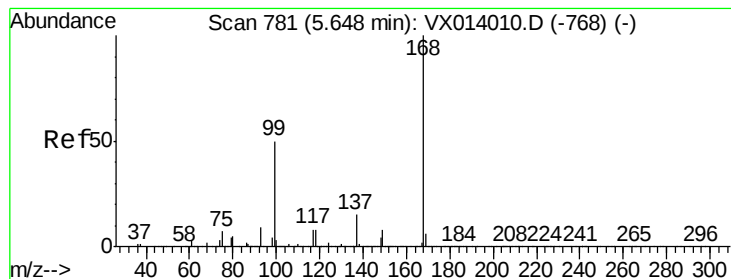
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Instrument :
MSVOA_X
Client Sampled :
VX1224WBS01

Quant Time: Dec 25 05:37:39 2019
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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

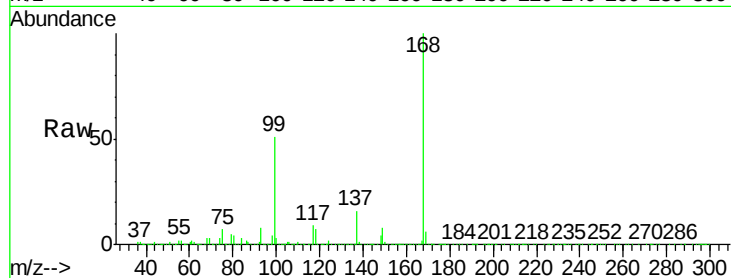
VX1224WBS01

Tgt Ion:168 Resp: 525210

Ion Ratio Lower Upper

168 100

99 51.0 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

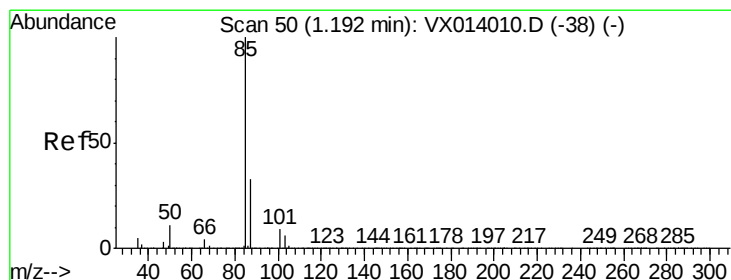
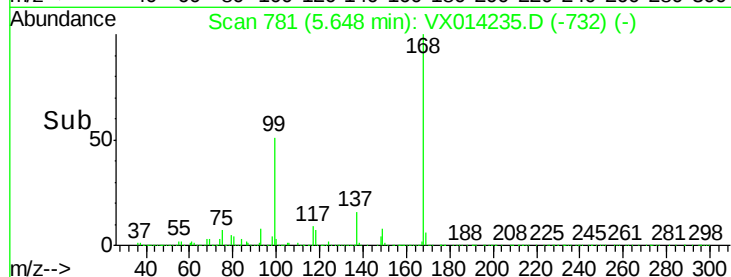
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.285 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014235.D

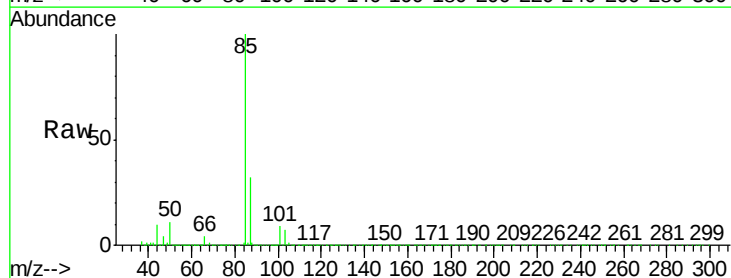
Acq: 24 Dec 2019 11:09

Tgt Ion: 85 Resp: 81215

Ion Ratio Lower Upper

85 100

87 31.9 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

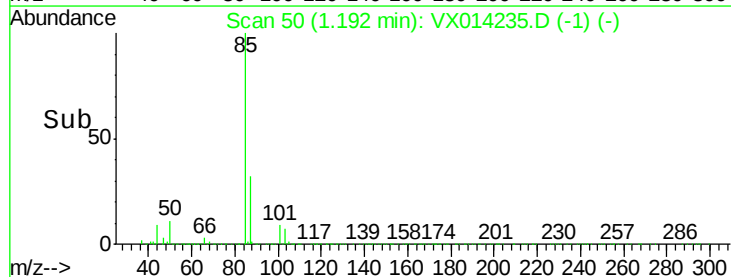
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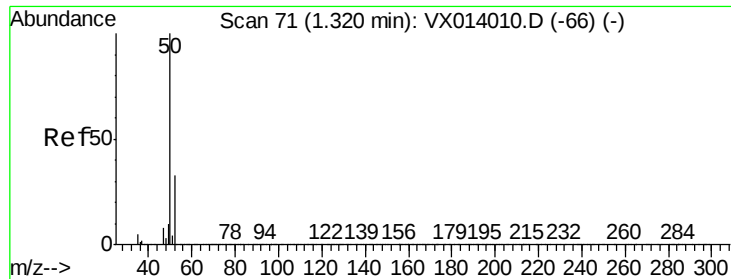
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20000

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Time-->





#3

Chloromethane

Concen: 17.629 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

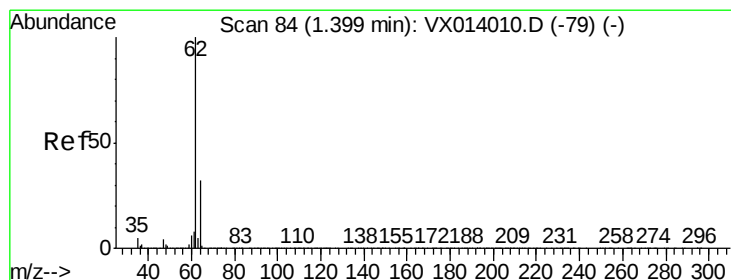
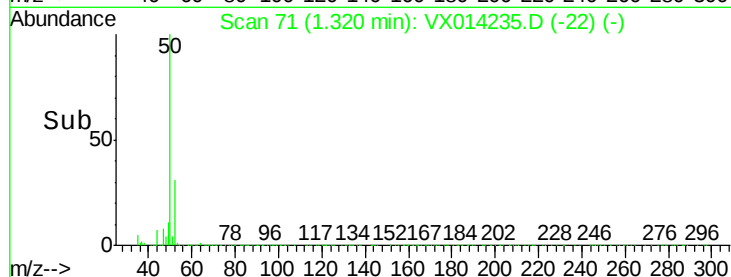
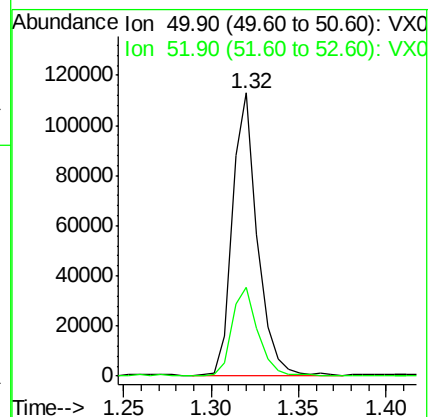
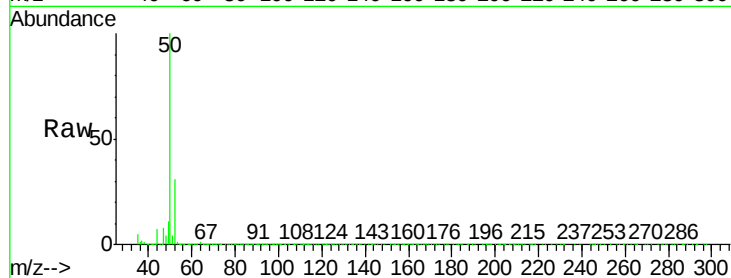
VX1224WBS01

Tgt Ion: 50 Resp: 111162

Ion Ratio Lower Upper

50 100

52 31.4 26.2 39.4



#4

Vinyl Chloride

Concen: 17.515 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014235.D

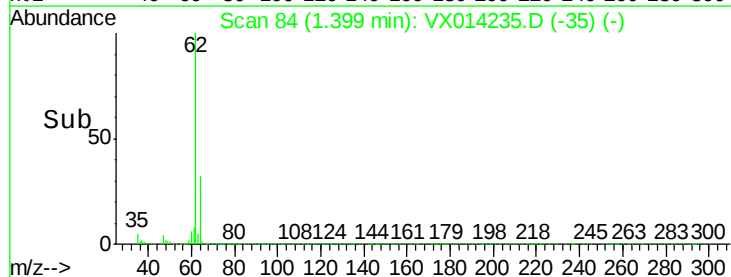
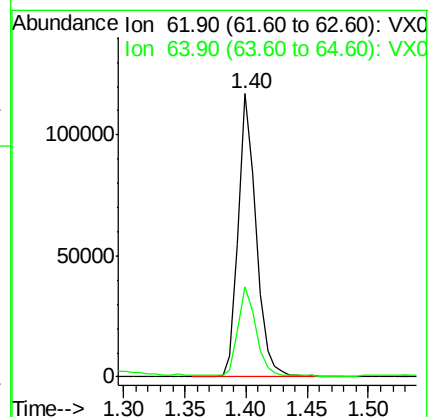
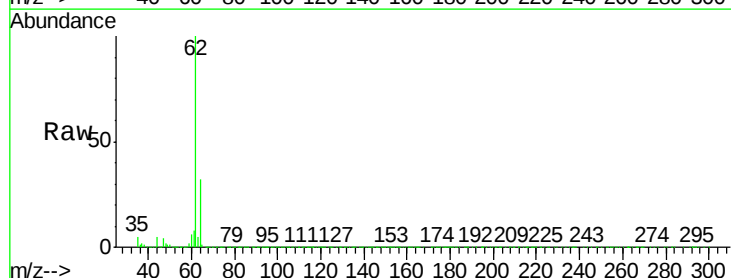
Acq: 24 Dec 2019 11:09

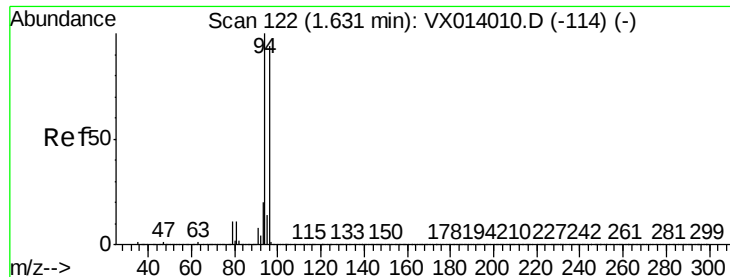
Tgt Ion: 62 Resp: 116539

Ion Ratio Lower Upper

62 100

64 31.7 25.7 38.5





#5

Bromomethane

Concen: 15.097 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

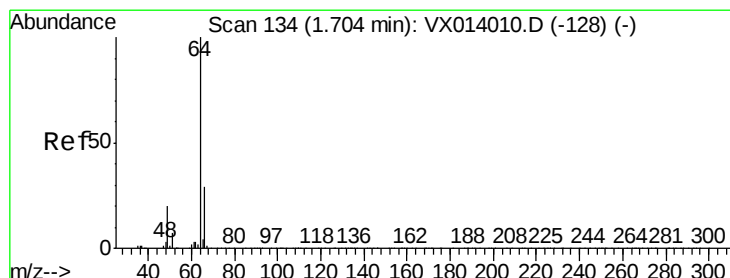
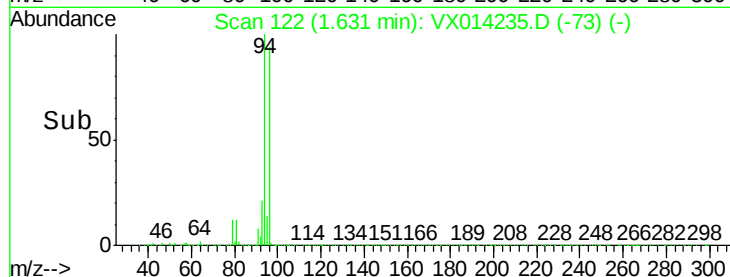
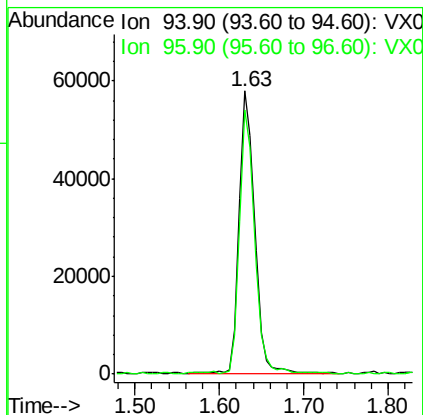
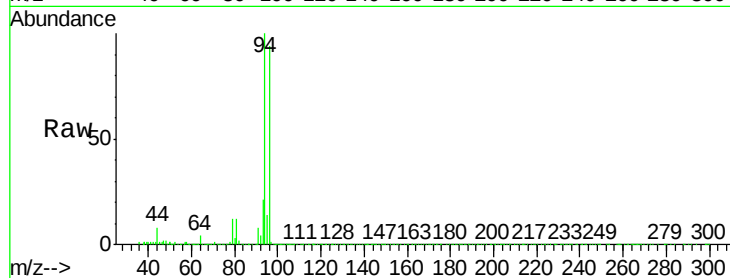
VX1224WBS01

Tgt Ion: 94 Resp: 71297

Ion Ratio Lower Upper

94 100

96 93.4 75.2 112.8



#6

Chloroethane

Concen: 18.581 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014235.D

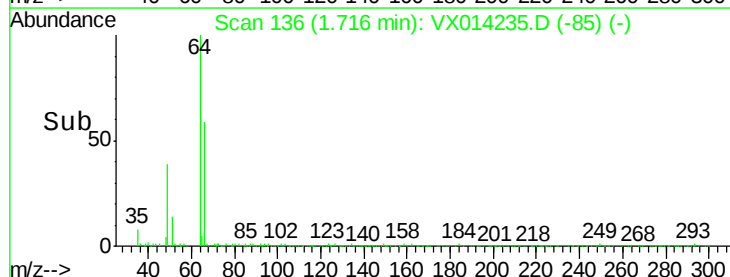
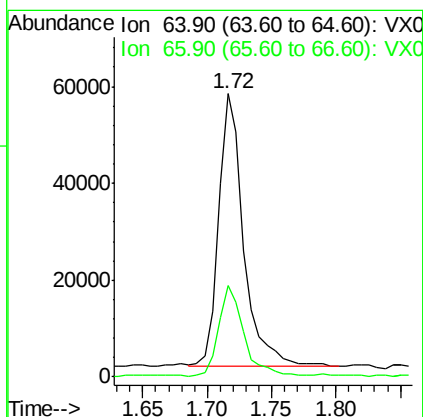
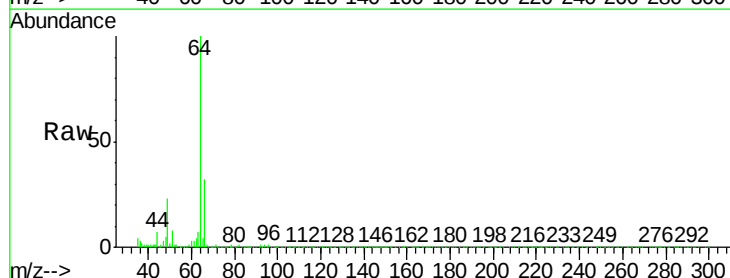
Acq: 24 Dec 2019 11:09

Tgt Ion: 64 Resp: 76304

Ion Ratio Lower Upper

64 100

66 33.1 23.4 35.2



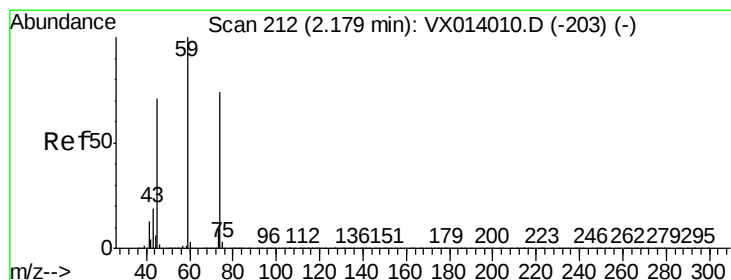
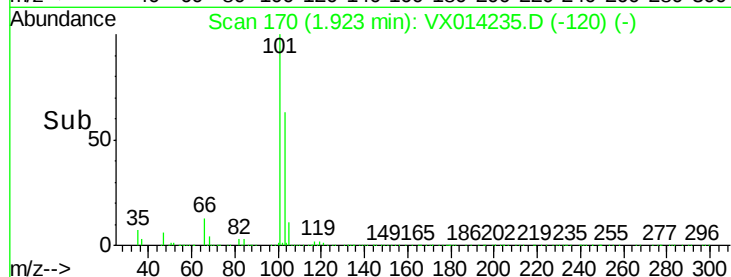
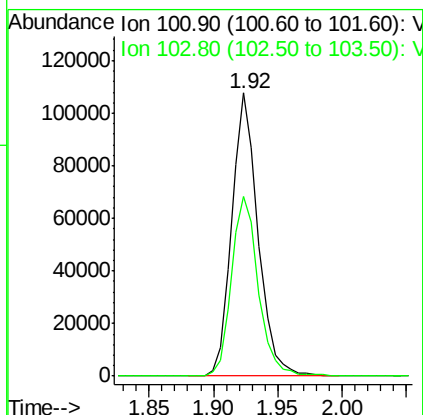
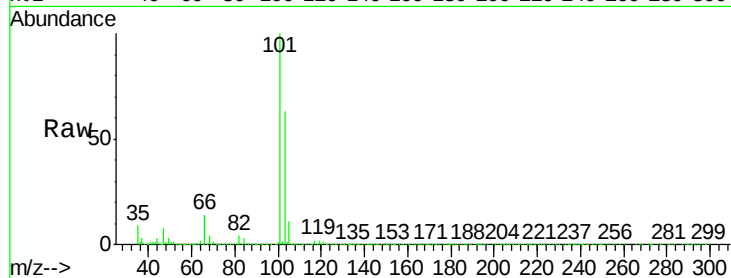


#7

Trichlorofluoromethane
Concen: 18.509 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

Instrument :
MSVOA_X
ClientSampleId :
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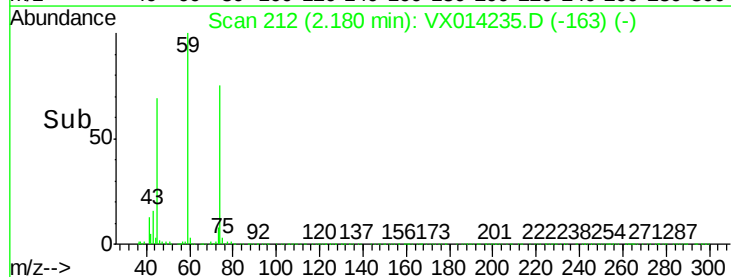
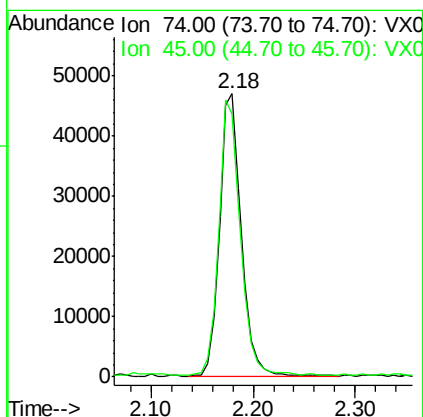
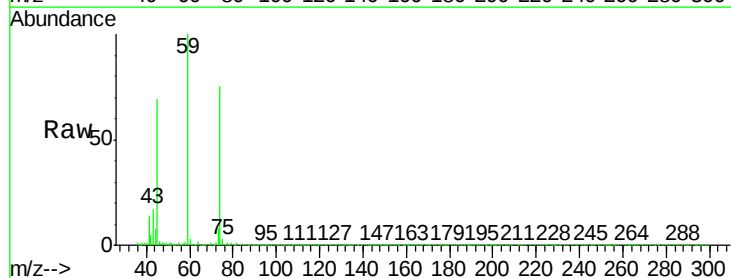
Tgt Ion:101 Resp: 152453
Ion Ratio Lower Upper
101 100
103 63.3 52.2 78.4



#8

Diethyl Ether
Concen: 18.255 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

Tgt Ion: 74 Resp: 70567
Ion Ratio Lower Upper
74 100
45 95.0 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.008 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

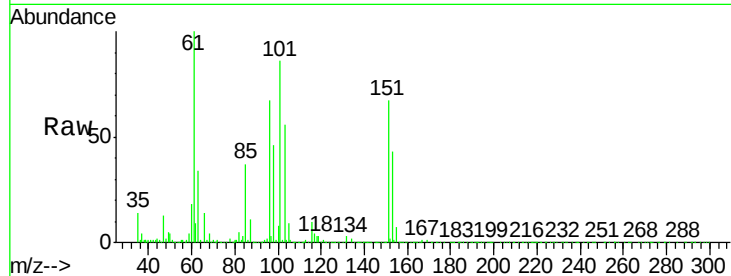
Tgt Ion:101 Resp: 94377

Ion Ratio Lower Upper

101 100

85 42.7 33.7 50.5

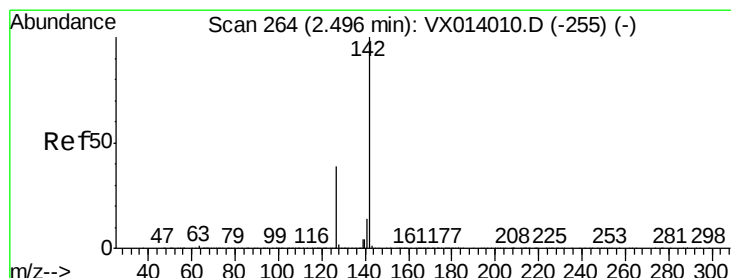
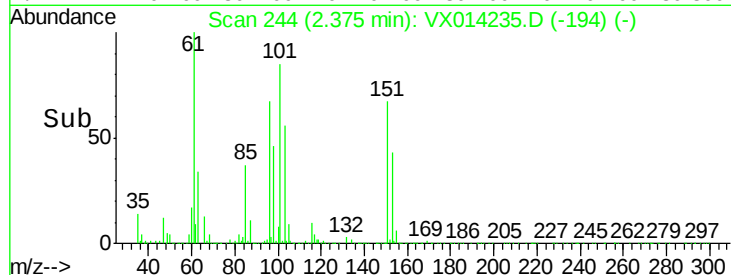
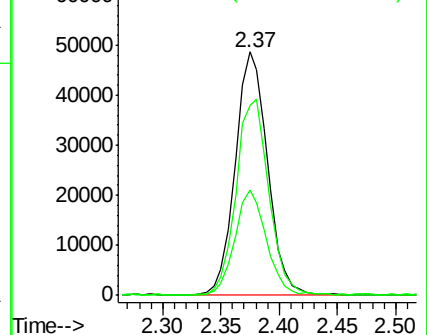
151 82.2 64.5 96.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.886 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

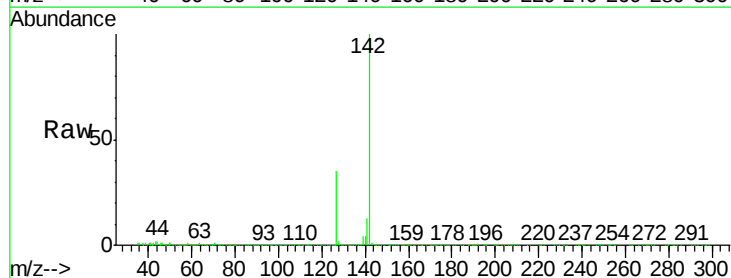
Tgt Ion:142 Resp: 98567

Ion Ratio Lower Upper

142 100

127 38.5 31.6 47.4

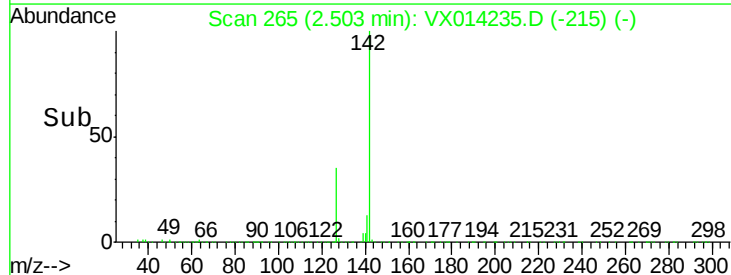
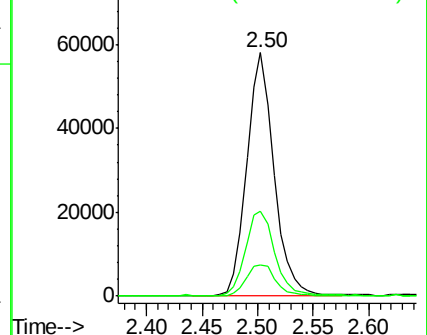
141 14.1 11.6 17.4

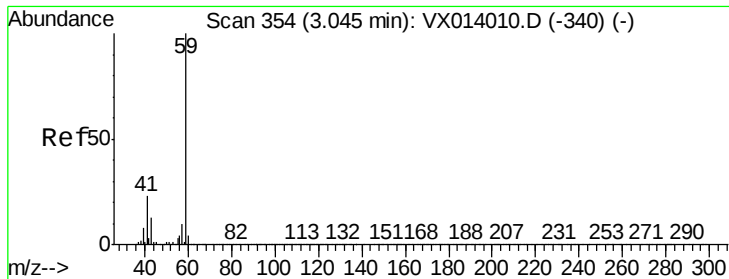


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



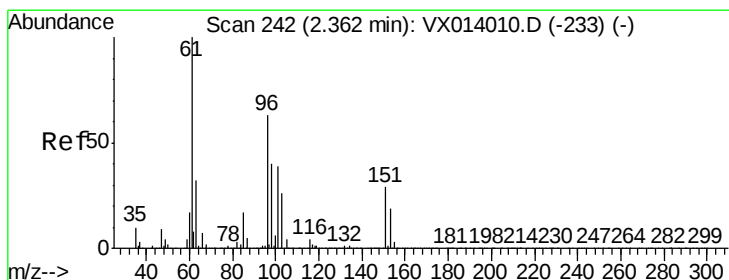
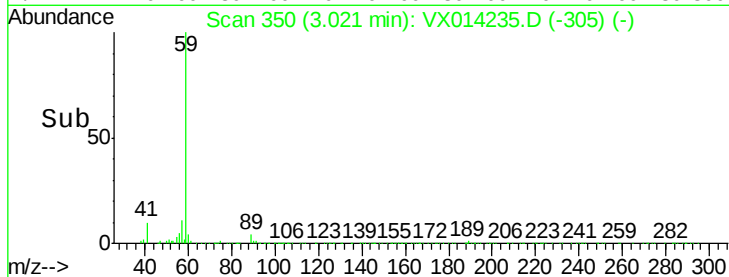
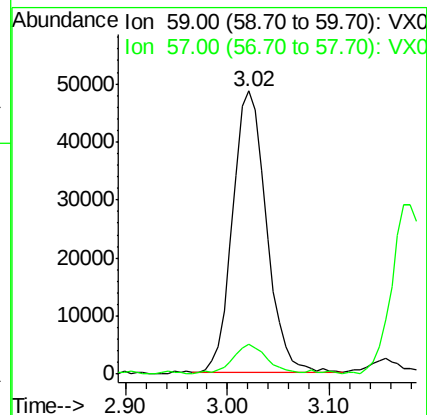
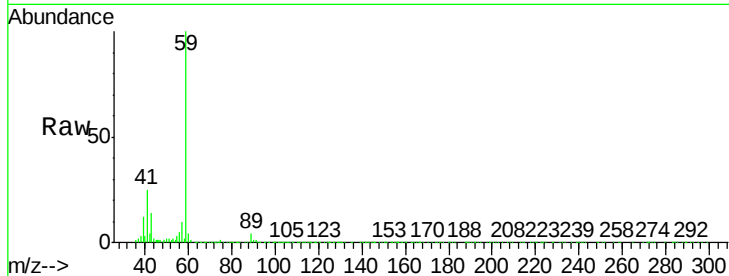


#11

Tert butyl alcohol
 Concen: 86.685 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.02 min
 Lab File: VX014235.D
 Acq: 24 Dec 2019 11:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBS01

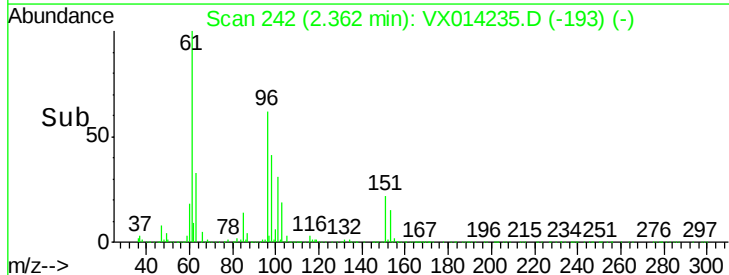
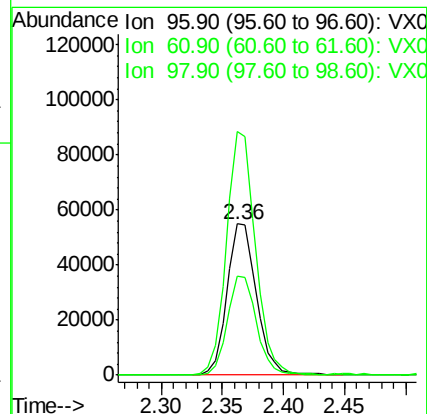
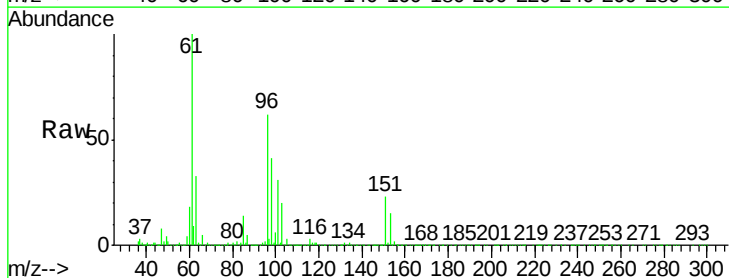
Tgt Ion: 59 Resp: 111495
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.4 12.6



#12

1,1-Dichloroethene
 Concen: 18.109 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX014235.D
 Acq: 24 Dec 2019 11:09

Tgt Ion: 96 Resp: 91492
 Ion Ratio Lower Upper
 96 100
 61 160.8 127.9 191.9
 98 65.5 50.5 75.7





#13

Acrolein

Concen: 90.431 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

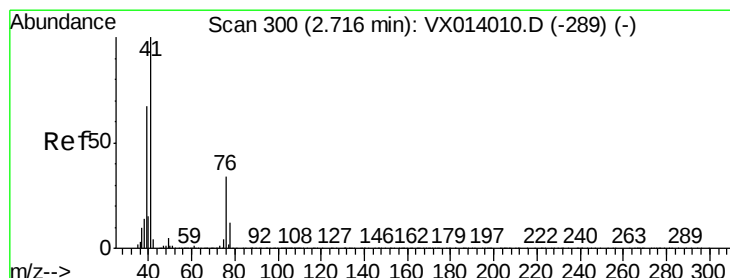
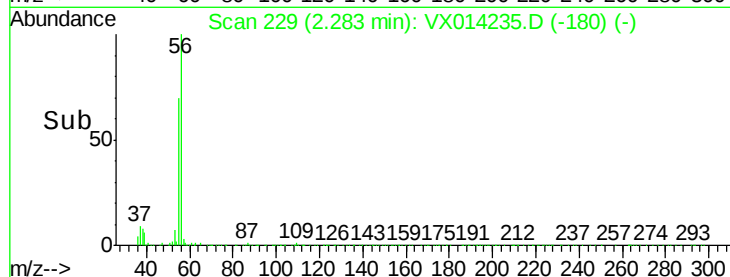
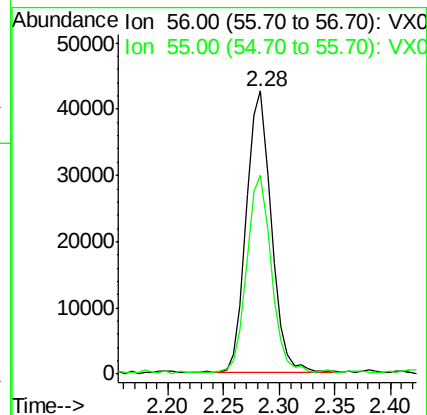
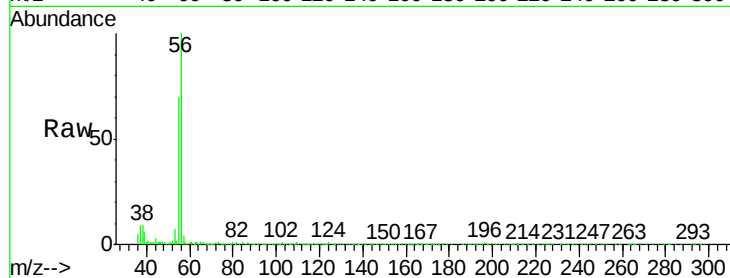
VX1224WBS01

Tgt Ion: 56 Resp: 66581

Ion Ratio Lower Upper

56 100

55 68.8 56.9 85.3



#14

Allyl chloride

Concen: 18.282 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

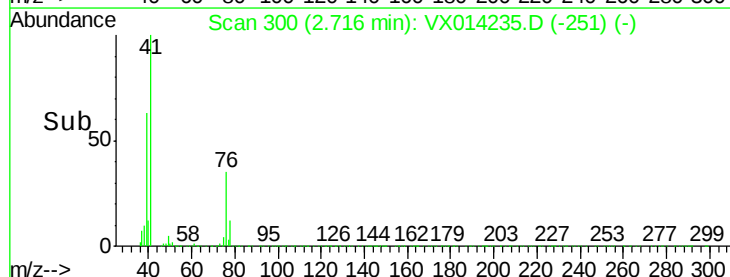
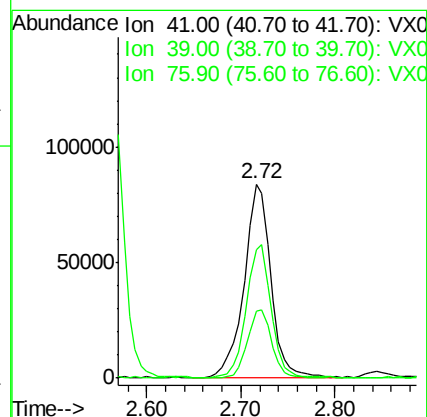
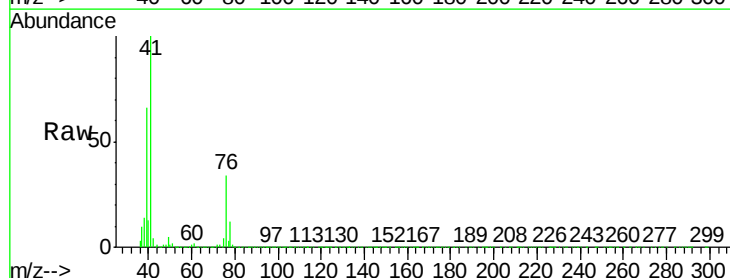
Tgt Ion: 41 Resp: 164916

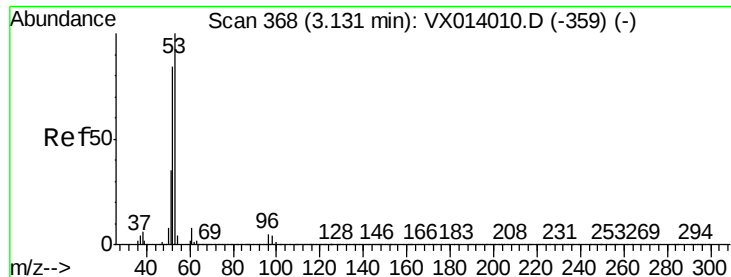
Ion Ratio Lower Upper

41 100

39 64.0 51.8 77.8

76 31.8 25.9 38.9





#15

Acrylonitrile

Concen: 96.490 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

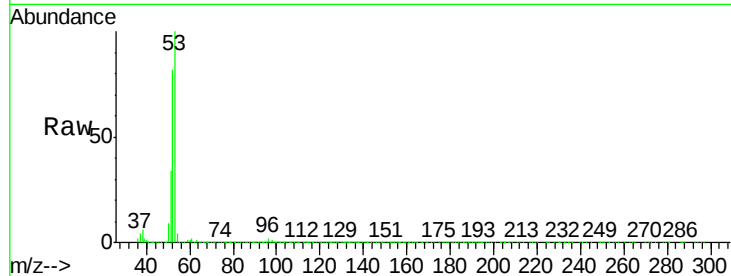
Tgt Ion: 53 Resp: 289672

Ion Ratio Lower Upper

53 100

52 80.8 66.5 99.7

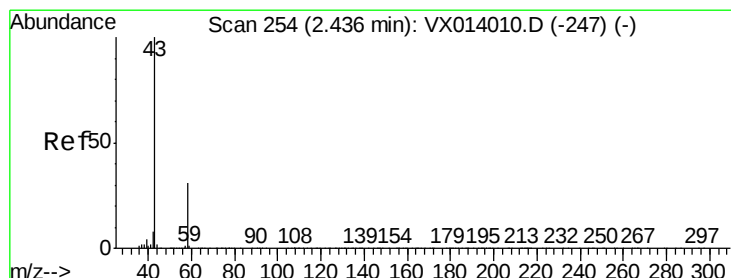
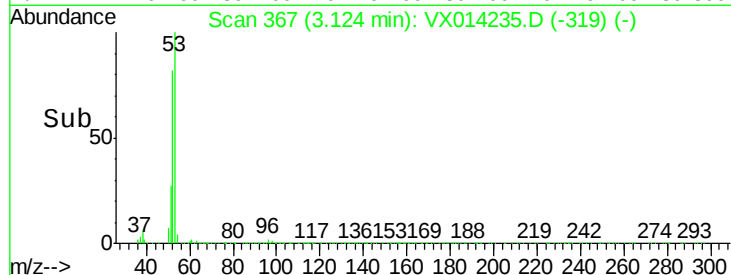
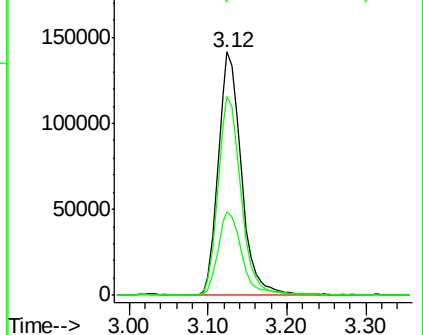
51 35.1 28.1 42.1



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: 87.062 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014235.D

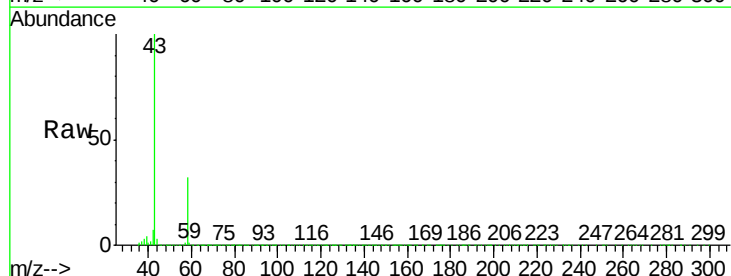
Acq: 24 Dec 2019 11:09

Tgt Ion: 43 Resp: 336447

Ion Ratio Lower Upper

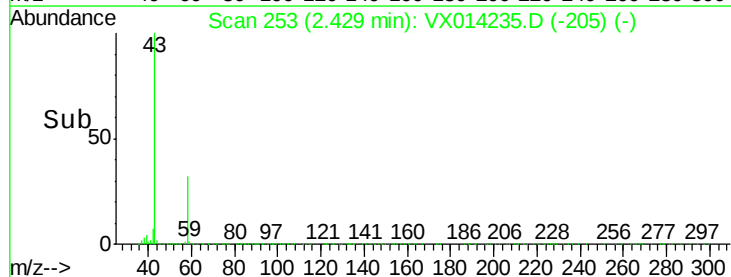
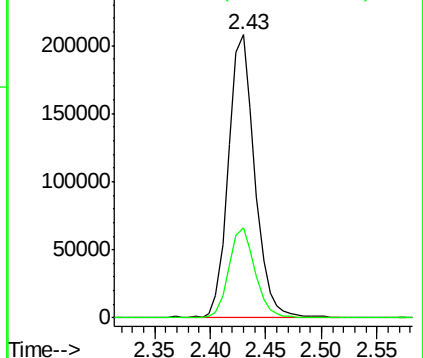
43 100

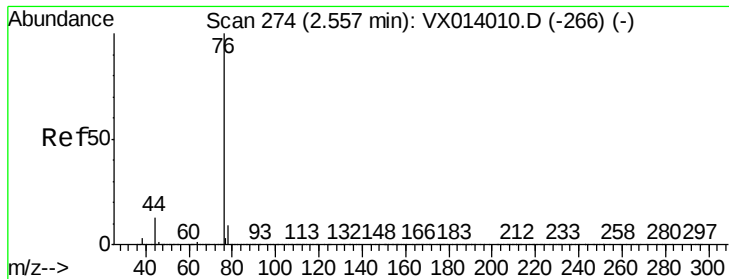
58 31.7 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.852 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

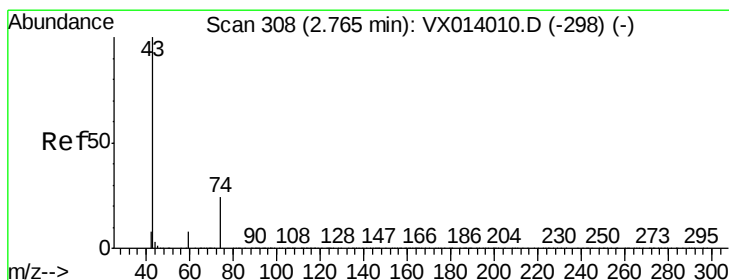
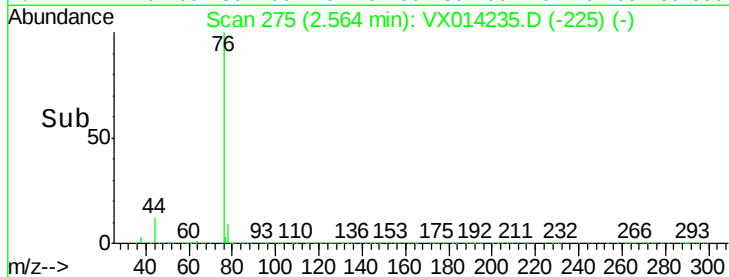
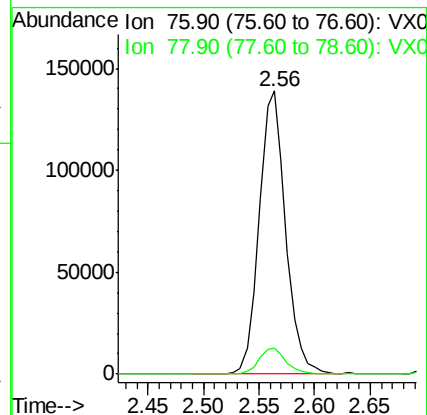
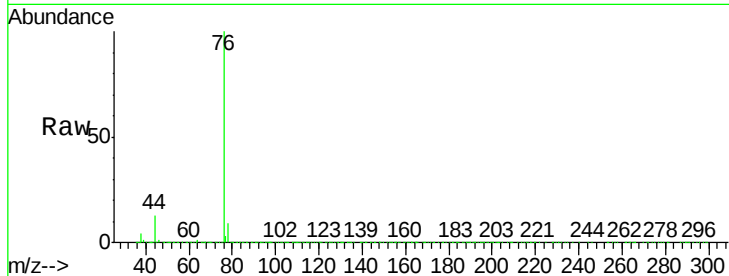
VX1224WBS01

Tgt Ion: 76 Resp: 229277

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8



#18

Methyl Acetate

Concen: 19.228 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014235.D

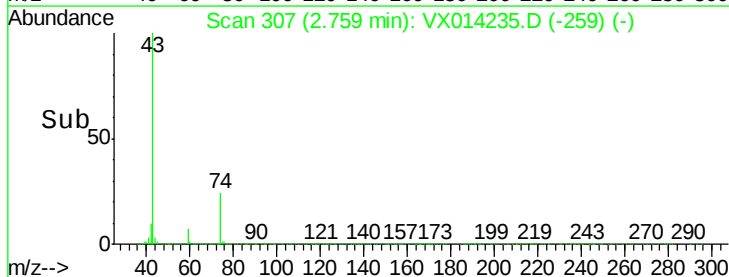
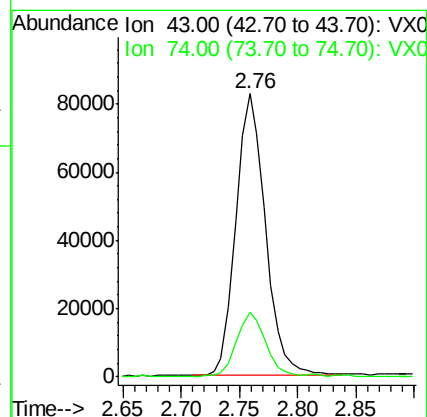
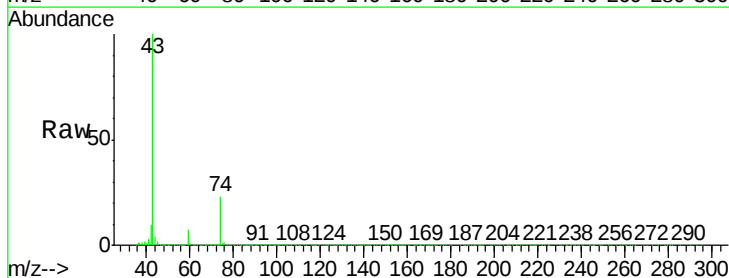
Acq: 24 Dec 2019 11:09

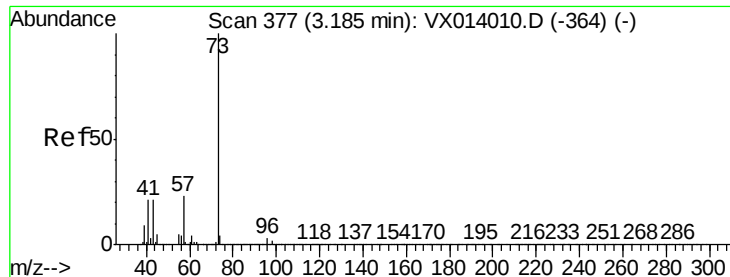
Tgt Ion: 43 Resp: 147237

Ion Ratio Lower Upper

43 100

74 22.3 19.5 29.3





#19

Methyl tert-butyl Ether

Concen: 18.802 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Instrument :

MSVOA_X

ClientSampled :

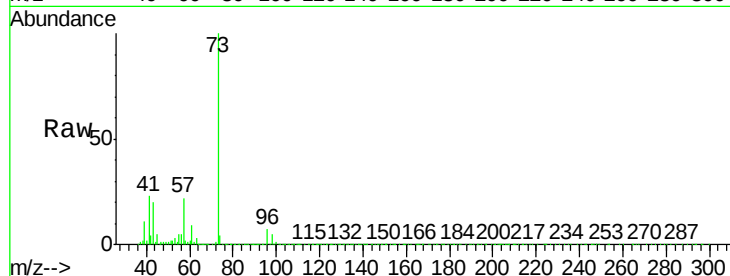
VX1224WBS01

Tgt Ion: 73 Resp: 312139

Ion Ratio Lower Upper

73 100

57 21.6 18.8 28.2



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.18

150000

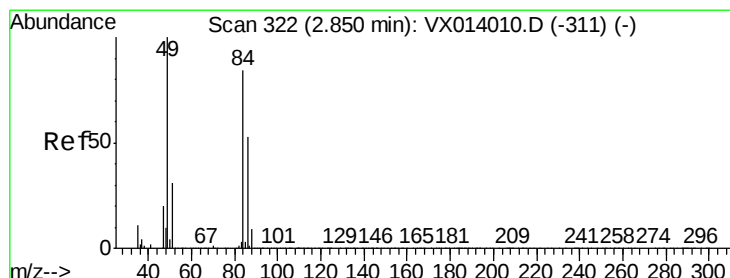
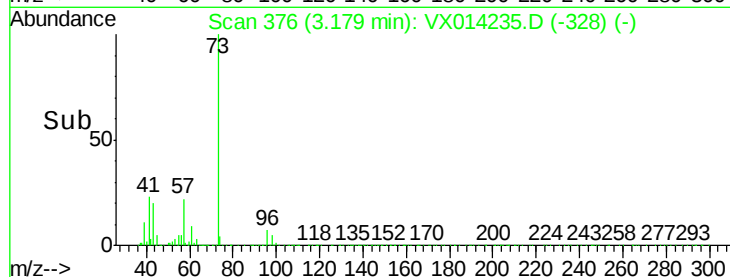
100000

50000

0

Time-->

3.10 3.20 3.30



#20

Methylene Chloride

Concen: 18.583 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.01 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Tgt Ion: 84 Resp: 113086

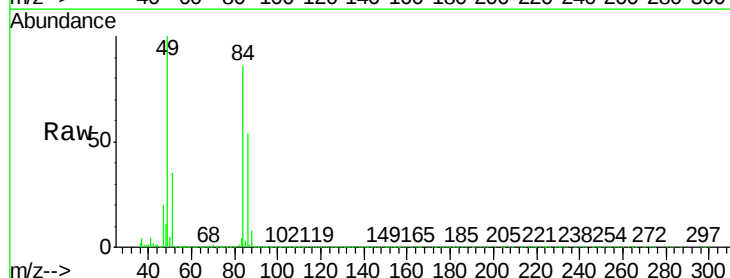
Ion Ratio Lower Upper

84 100

49 115.7 95.8 143.6

51 39.8 29.8 44.8

86 62.6 50.8 76.2



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

100000

80000

60000

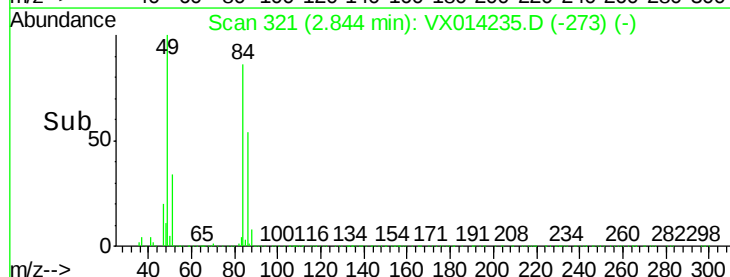
40000

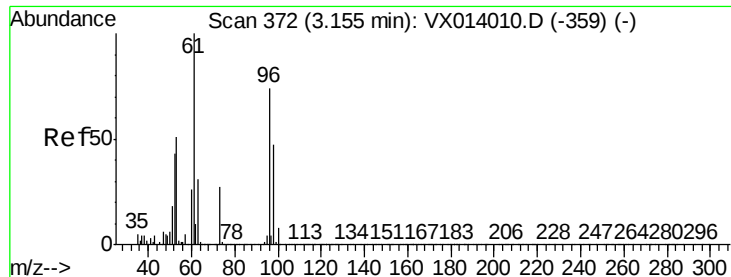
20000

0

Time-->

2.80 2.90





#21

trans-1,2-Dichloroethene

Concen: 18.447 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

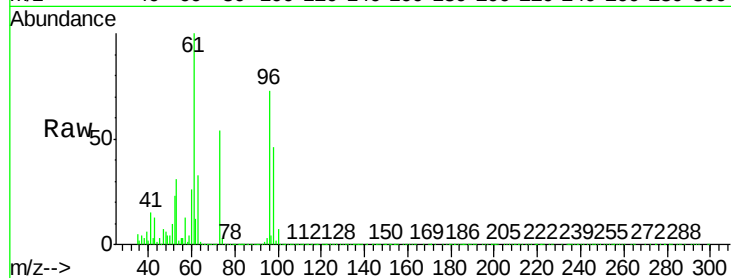
Tgt Ion: 96 Resp: 102677

Ion Ratio Lower Upper

96 100

61 136.2 108.3 162.5

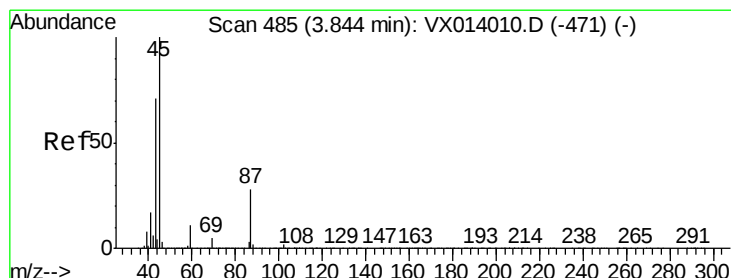
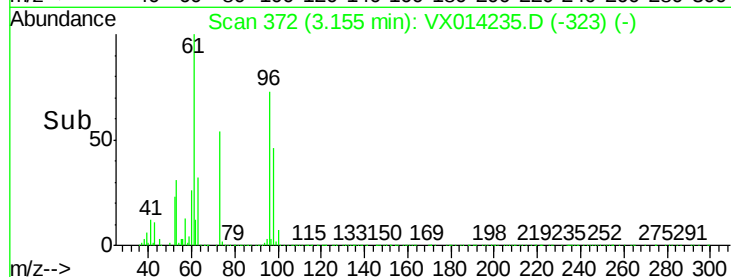
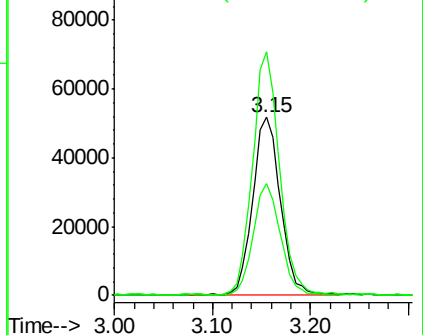
98 62.5 50.8 76.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.187 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Tgt Ion: 45 Resp: 344894

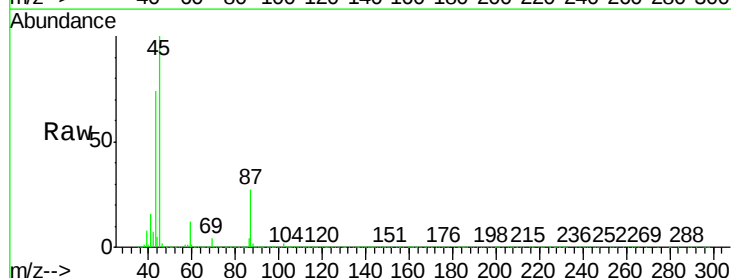
Ion Ratio Lower Upper

45 100

43 72.9 57.4 86.0

87 26.8 21.9 32.9

59 11.7 9.0 13.6

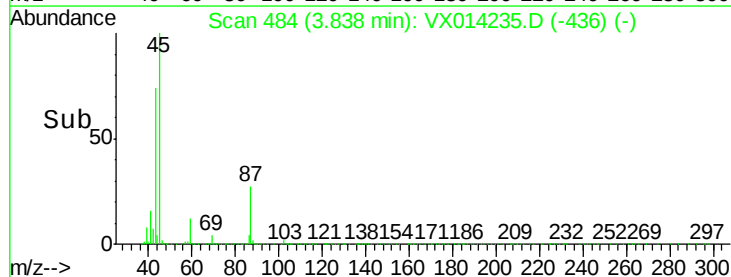
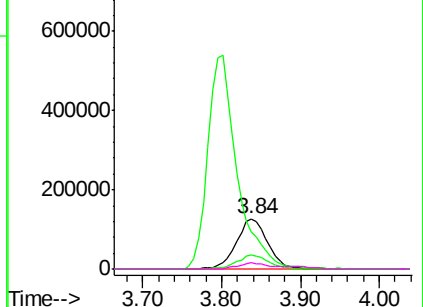


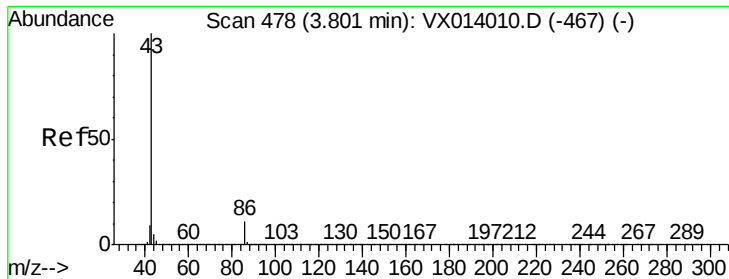
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 95.648 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

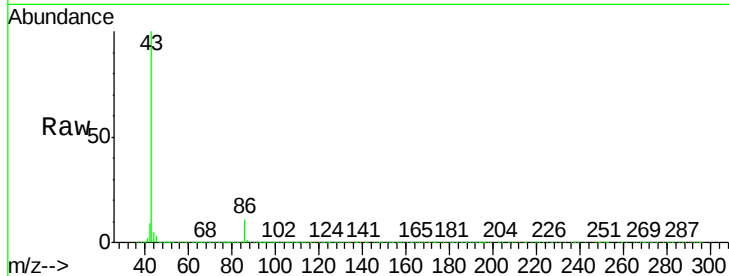
VX1224WBS01

Tgt Ion: 43 Resp: 1403080

Ion Ratio Lower Upper

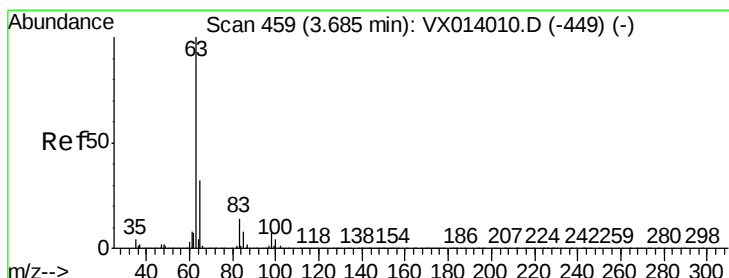
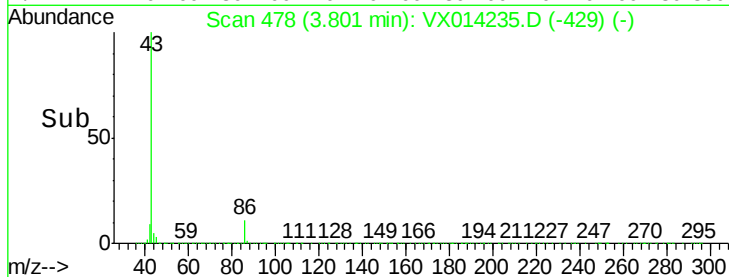
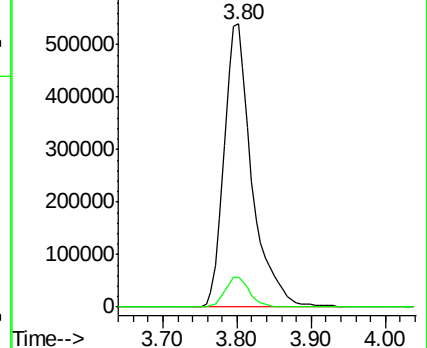
43 100

86 10.8 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: 18.548 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

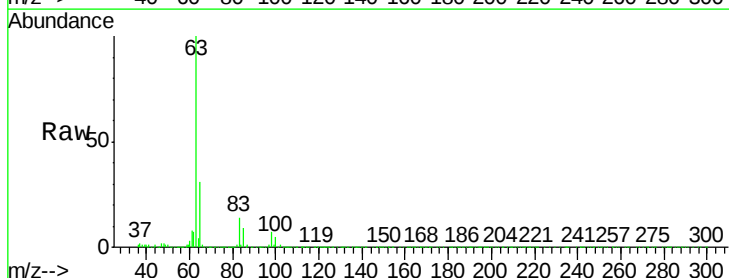
Tgt Ion: 63 Resp: 185495

Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

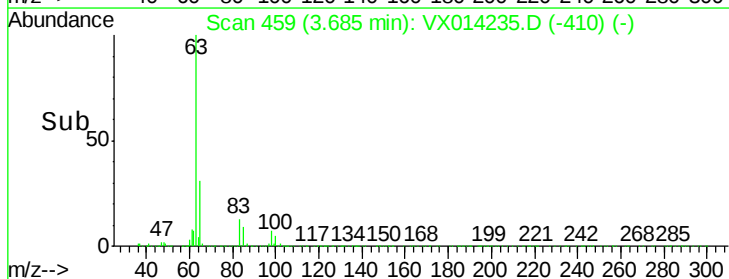
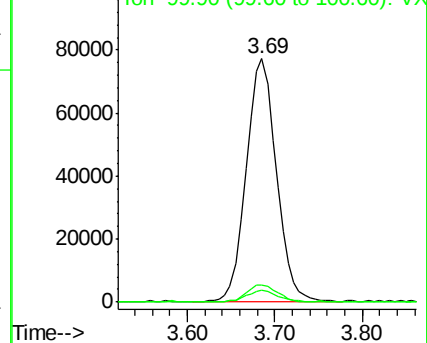
100 4.6 2.3 6.8

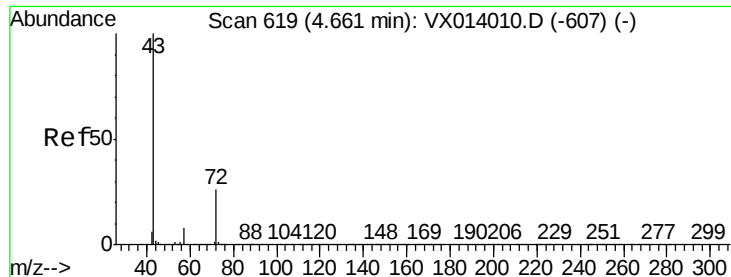


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 92.541 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Instrument :

MSVOA_X

ClientSampled :

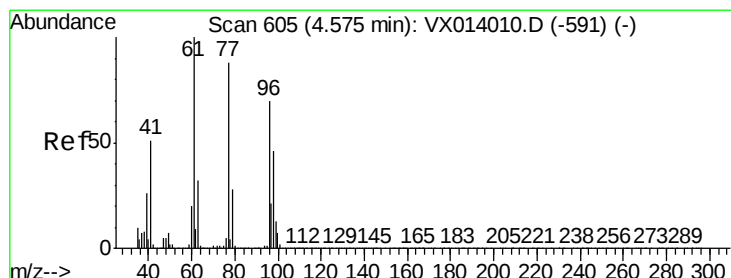
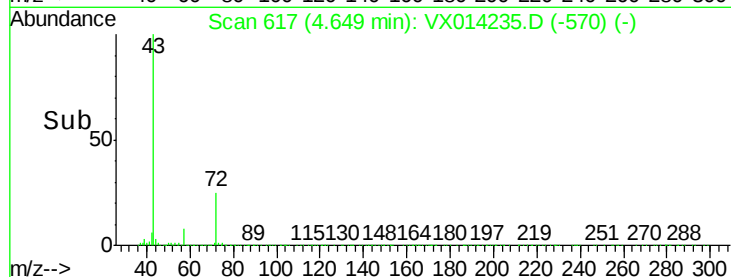
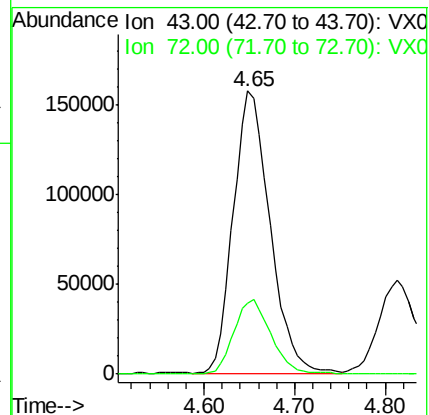
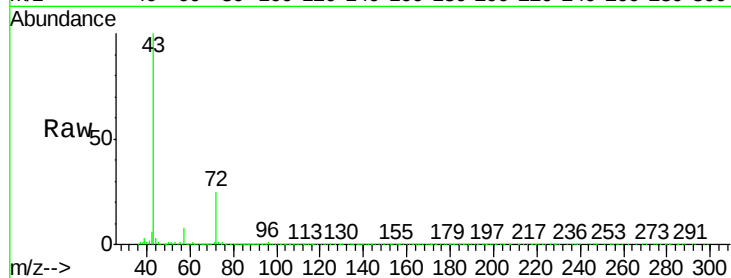
VX1224WBS01

Tgt Ion: 43 Resp: 440906

Ion Ratio Lower Upper

43 100

72 24.6 21.0 31.4



#26

2,2-Dichloropropane

Concen: 18.264 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014235.D

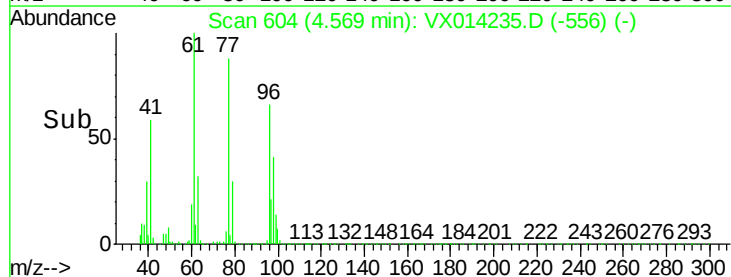
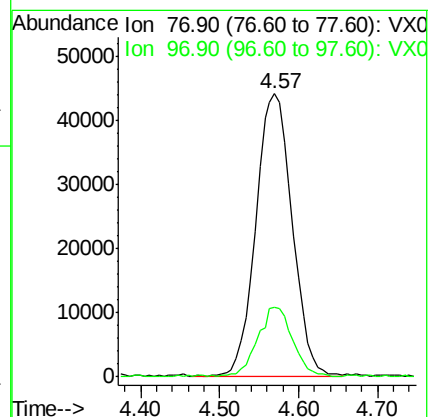
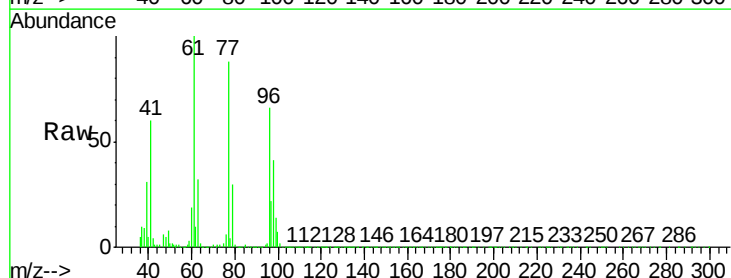
Acq: 24 Dec 2019 11:09

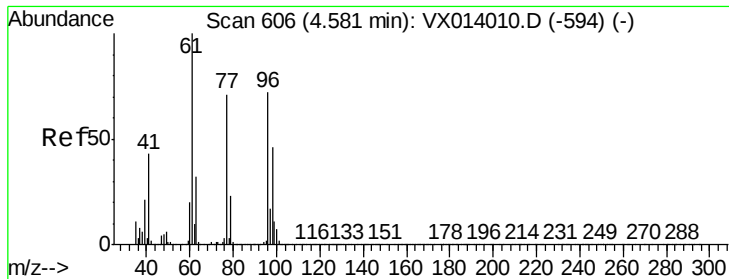
Tgt Ion: 77 Resp: 141814

Ion Ratio Lower Upper

77 100

97 23.4 11.9 35.9



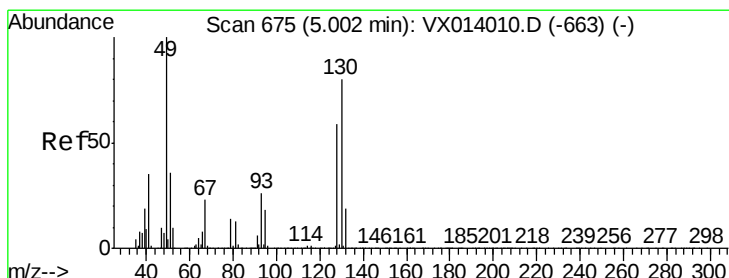
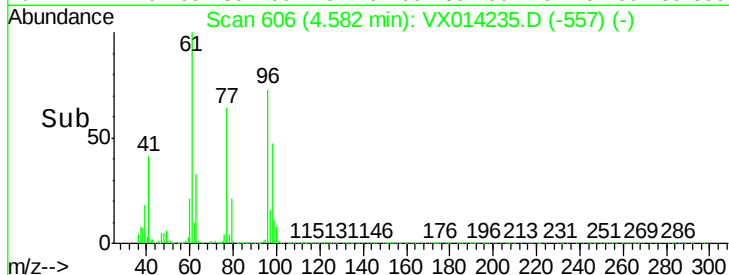
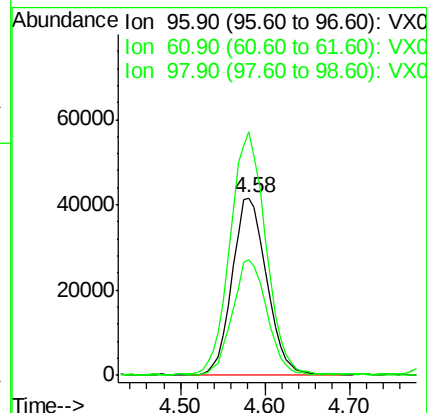
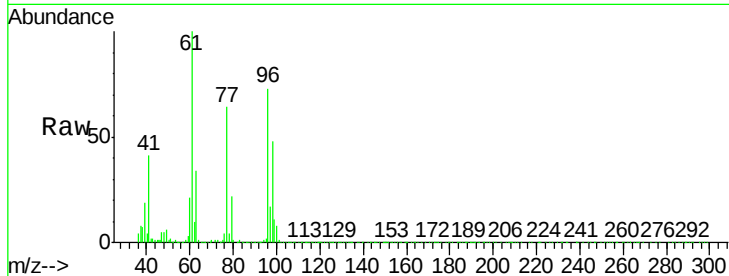


#27

cis-1,2-Dichloroethene
Concen: 18.392 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBS01

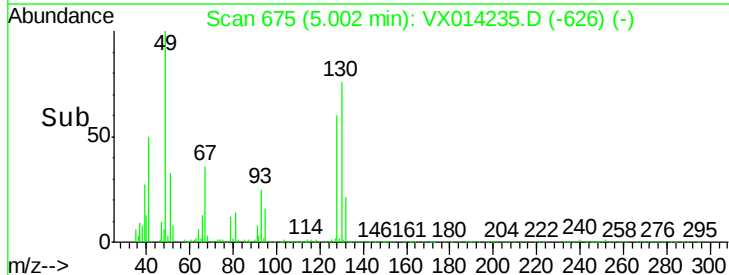
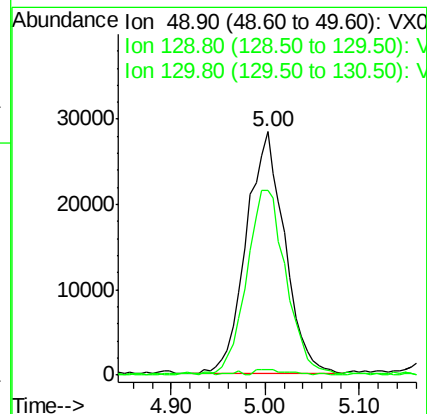
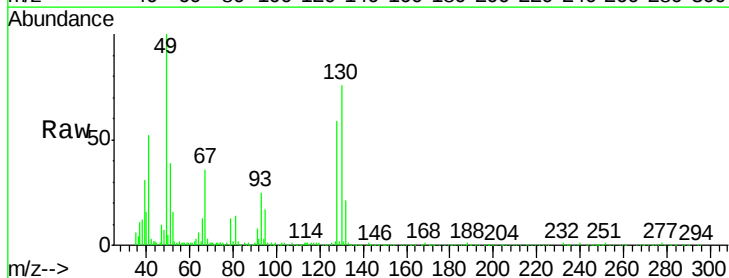
Tgt Ion: 96 Resp: 115776
Ion Ratio Lower Upper
96 100
61 141.2 0.0 288.4
98 64.0 0.0 129.6

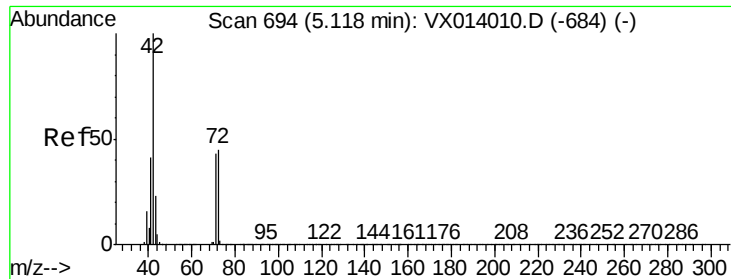


#28

Bromochloromethane
Concen: 21.342 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

Tgt Ion: 49 Resp: 81075
Ion Ratio Lower Upper
49 100
129 2.0 0.0 5.0
130 77.2 64.6 97.0

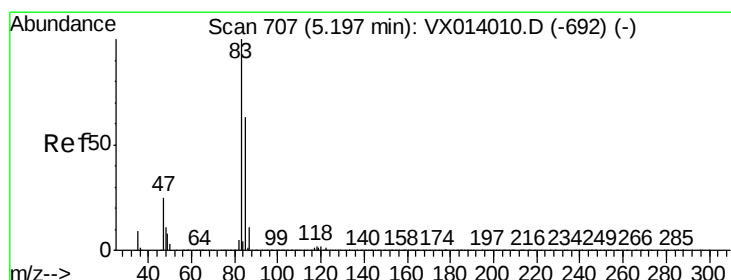
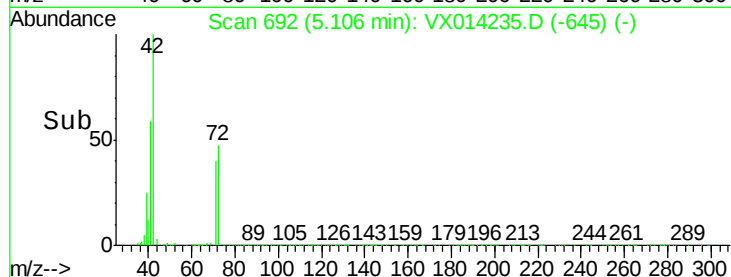
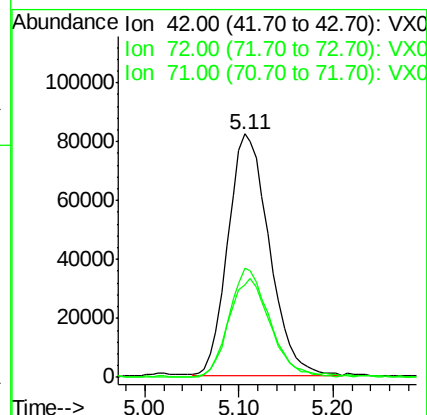
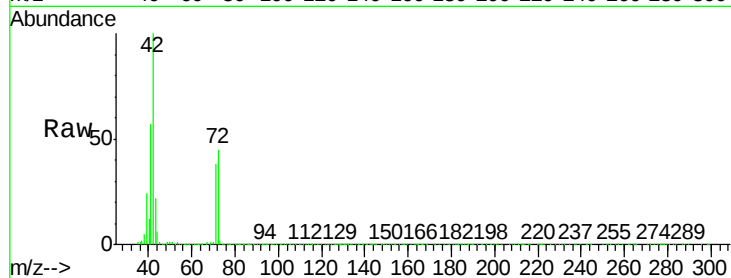




#29
Tetrahydrofuran
Concen: 94.295 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

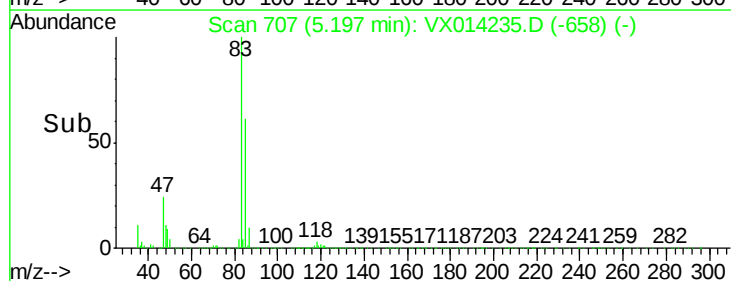
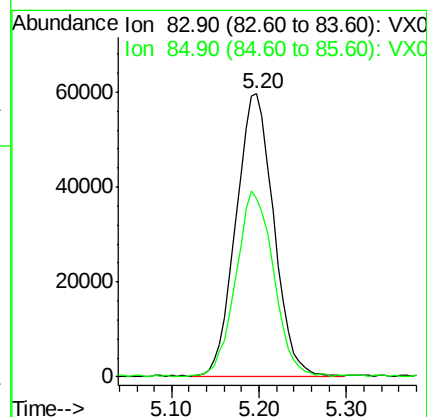
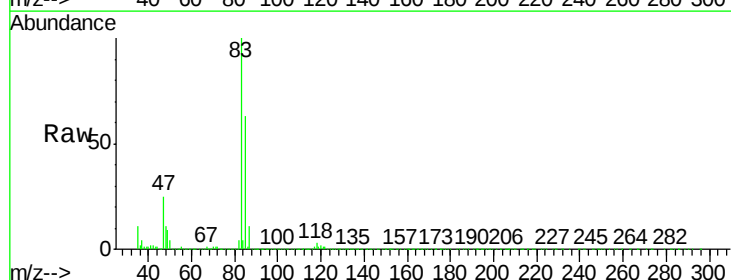
Instrument :
MSVOA_X
ClientSampled :
VX1224WBS01

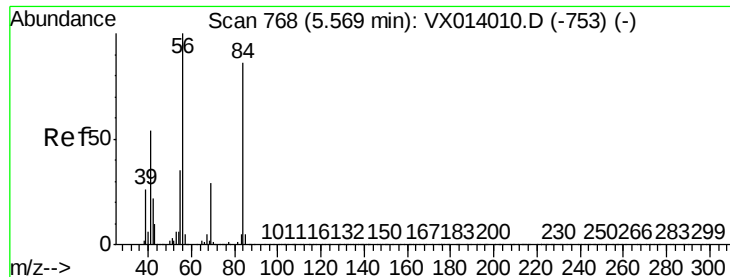
Tgt Ion: 42 Resp: 251284
Ion Ratio Lower Upper
42 100
72 44.4 35.8 53.8
71 41.0 33.6 50.4



#30
Chloroform
Concen: 18.765 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

Tgt Ion: 83 Resp: 177909
Ion Ratio Lower Upper
83 100
85 62.6 50.8 76.2

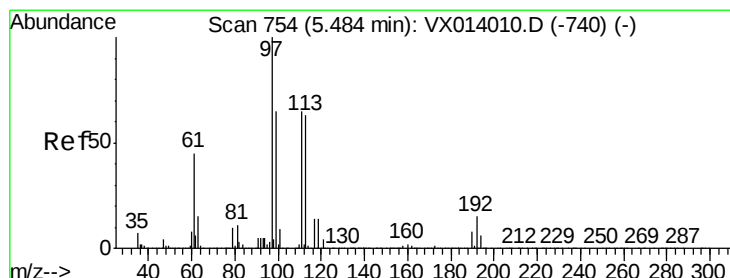
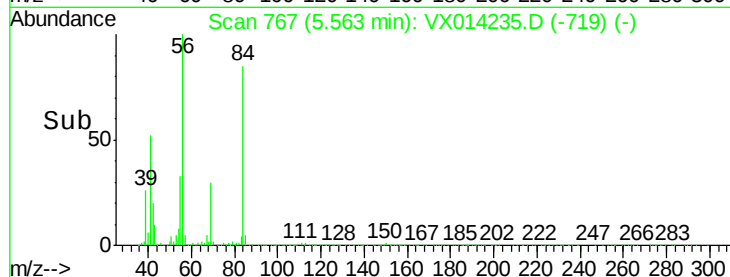
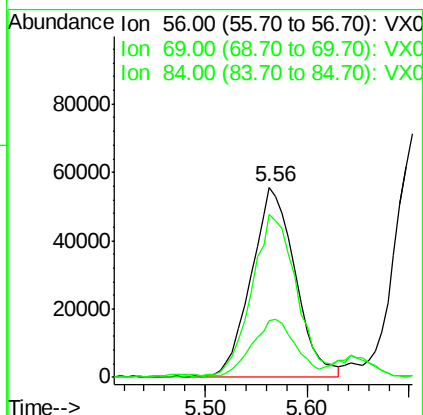
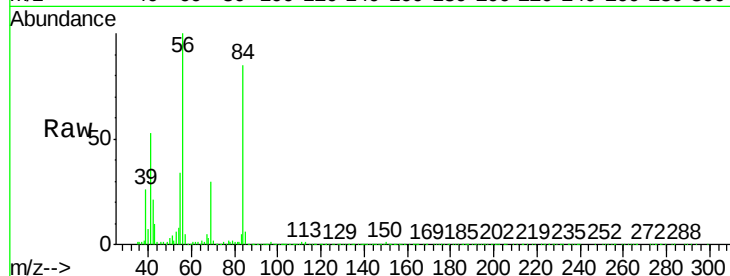




#31
Cyclohexane
Concen: 18.664 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

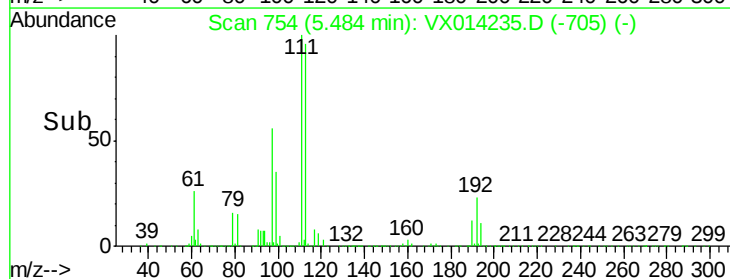
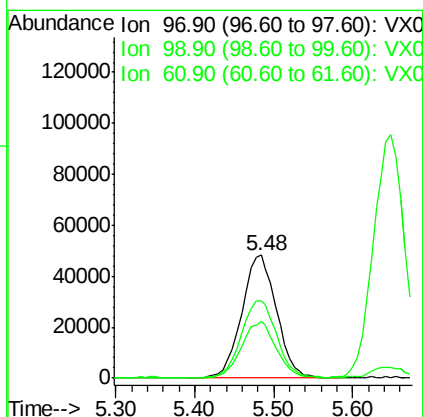
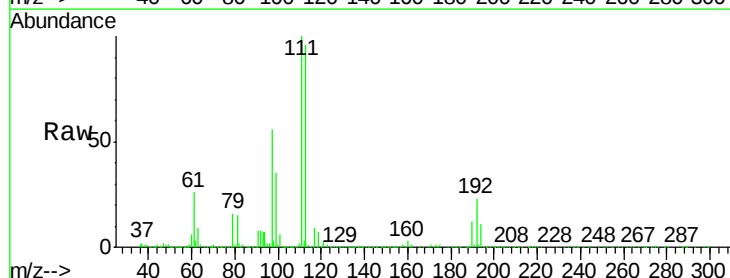
Instrument :
MSVOA_X
ClientSampleId :
VX1224WBS01

Tgt Ion: 56 Resp: 166017
Ion Ratio Lower Upper
56 100
69 28.9 23.2 34.8
84 84.3 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 18.096 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

Tgt Ion: 97 Resp: 146215
Ion Ratio Lower Upper
97 100
99 64.1 52.0 78.0
61 45.2 36.7 55.1





#33

1,2-Dichloroethane-d4

Concen: 47.870 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

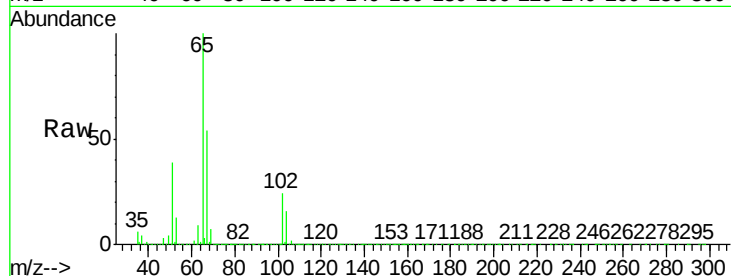
VX1224WBS01

Tgt Ion: 65 Resp: 284946

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

120000

100000

80000

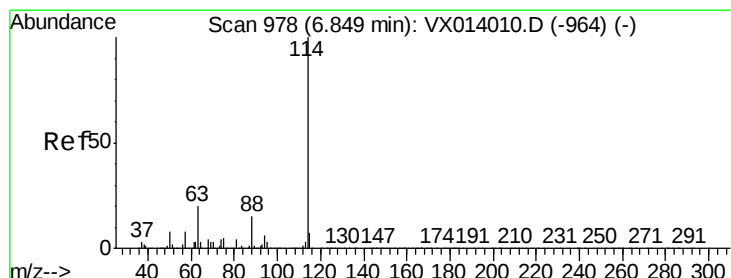
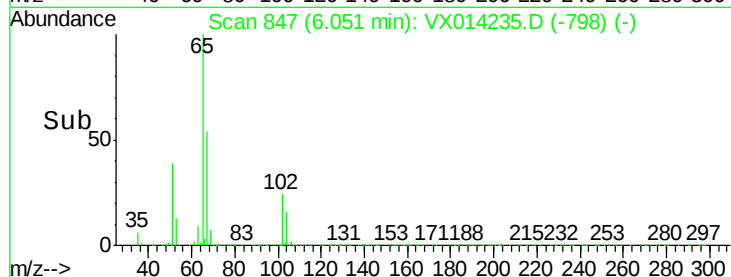
60000

40000

20000

0

Time--> 5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

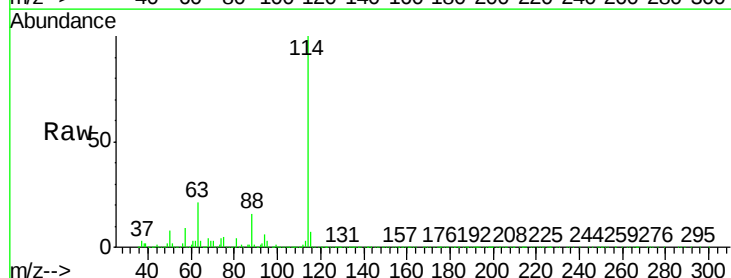
Tgt Ion: 114 Resp: 786891

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.8

88 15.5 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.84

400000

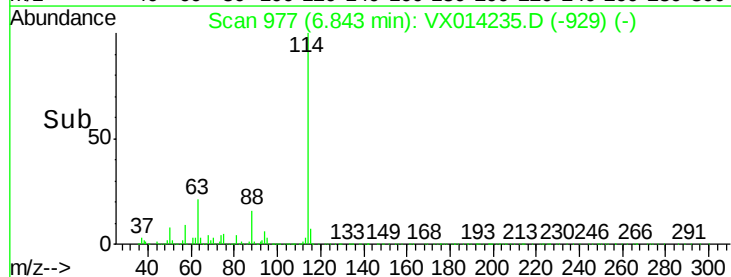
300000

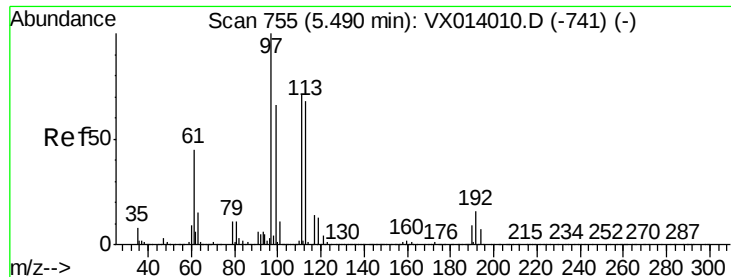
200000

100000

0

Time--> 6.70 6.80 6.90 7.00

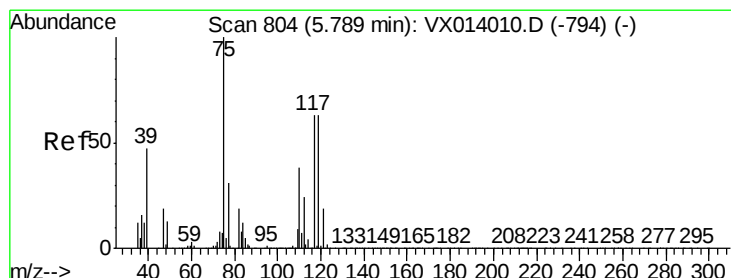
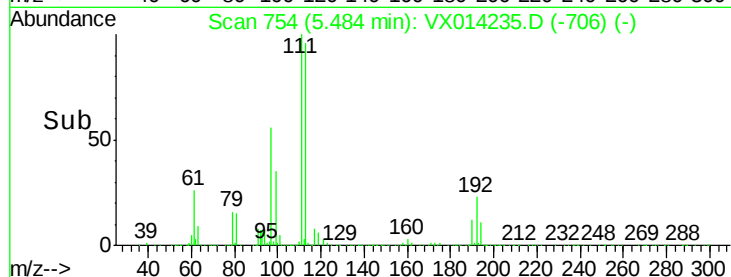
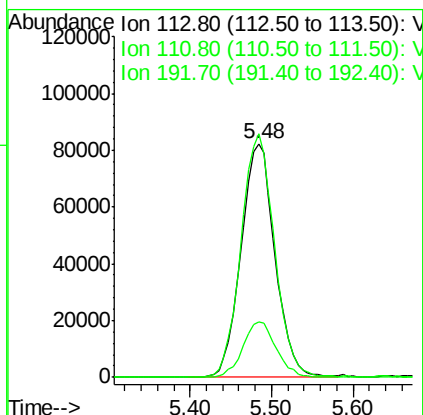
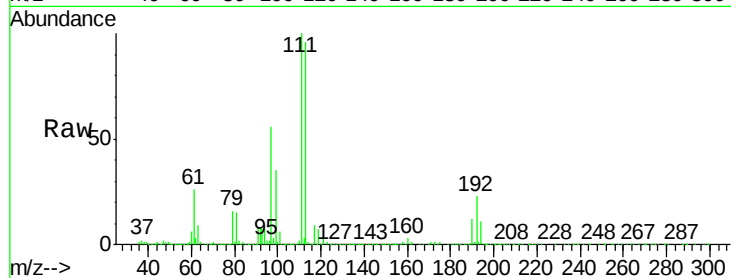




#35
 Dibromofluoromethane
 Concen: 49.645 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX014235.D
 Acq: 24 Dec 2019 11:09

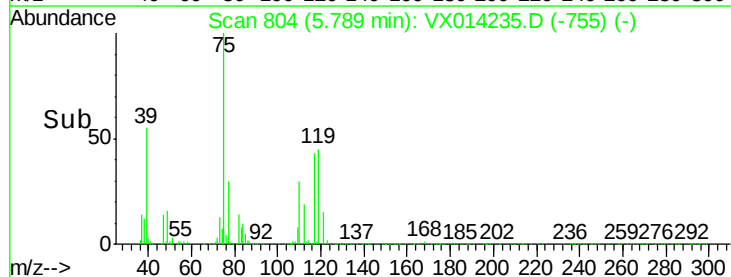
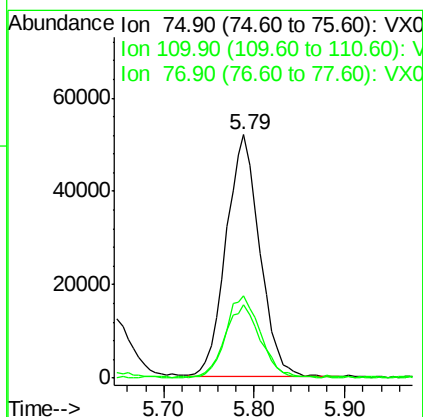
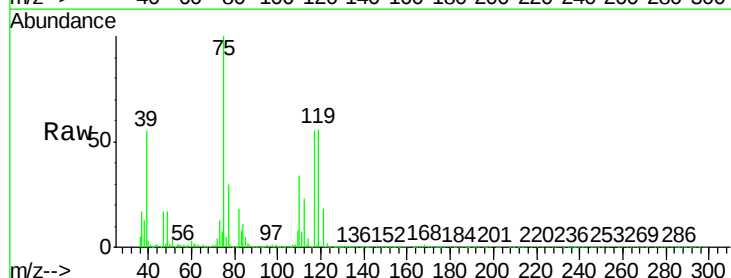
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBS01

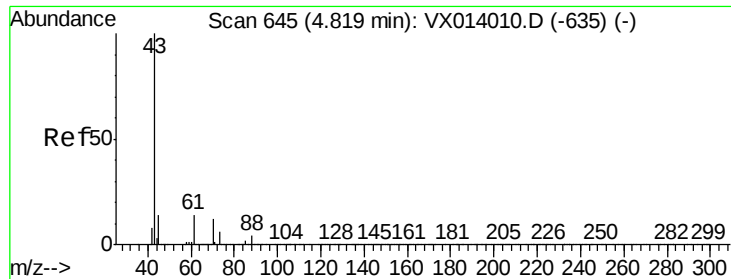
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.0	123.0
192	23.2	19.3	28.9



#36
 1,1-Dichloropropene
 Concen: 18.523 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX014235.D
 Acq: 24 Dec 2019 11:09

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	18.3	54.9
77	30.3	24.8	37.2

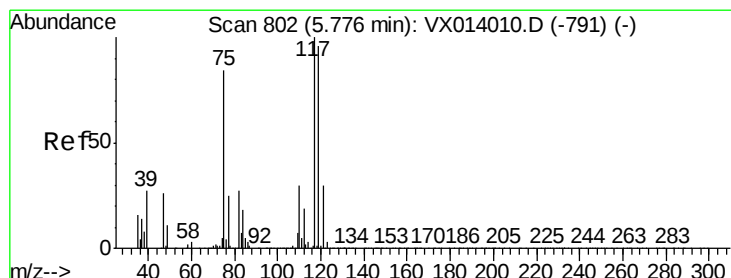
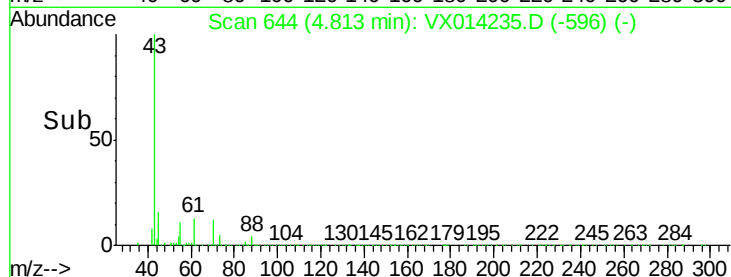
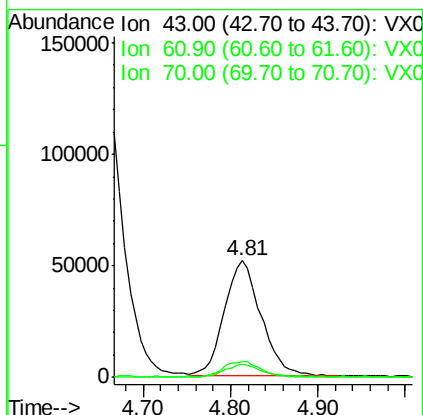
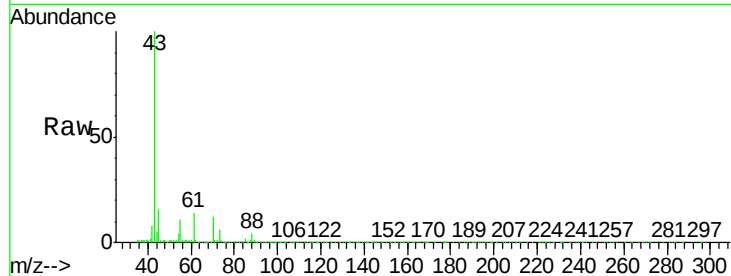




#37
Ethyl Acetate
Concen: 19.005 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

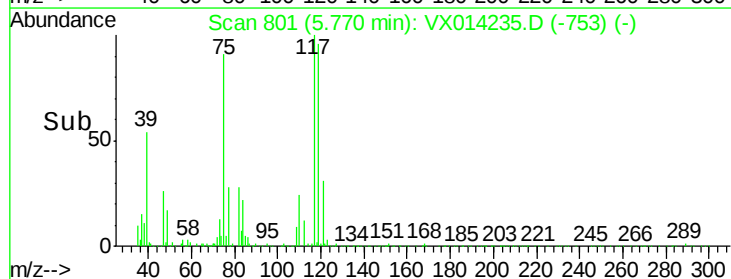
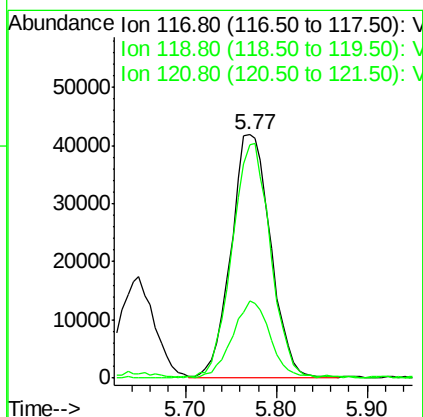
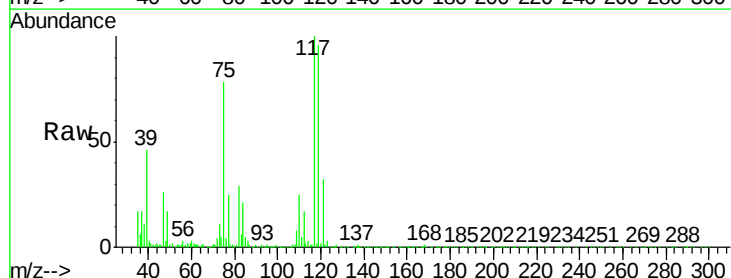
Instrument :
MSVOA_X
ClientSampleId :
VX1224WBS01

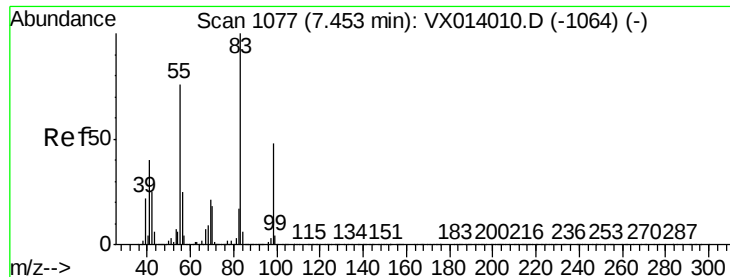
Tgt Ion:	43	Resp:	151529
Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.8	16.2
70	11.1	8.6	12.8



#38
Carbon Tetrachloride
Concen: 19.296 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

Tgt Ion:	117	Resp:	126920
Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.2	114.4
121	31.4	23.6	35.4

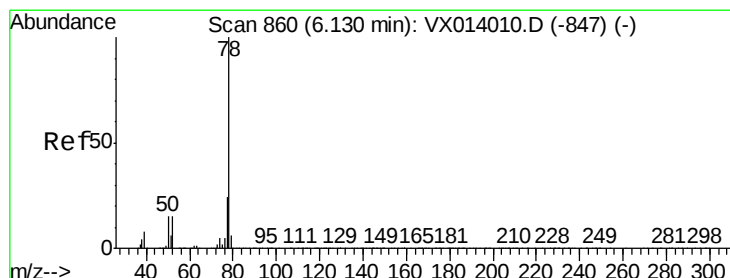
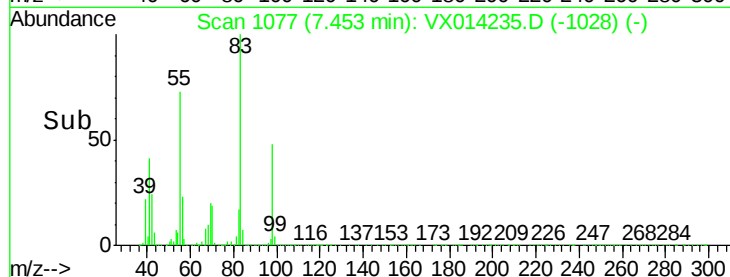
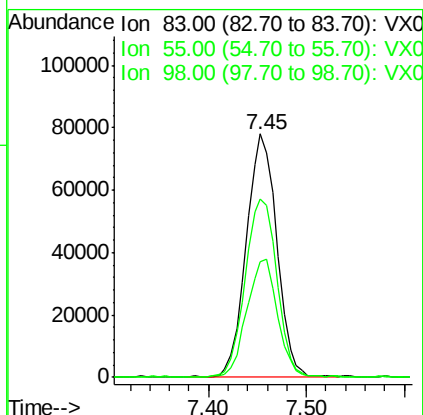
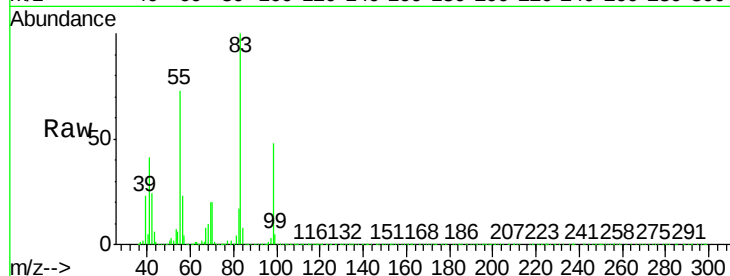




#39
Methylcyclohexane
Concen: 19.018 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

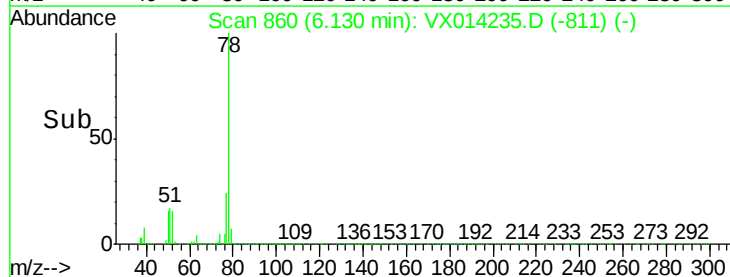
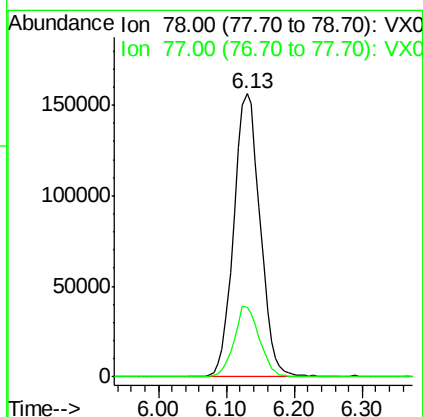
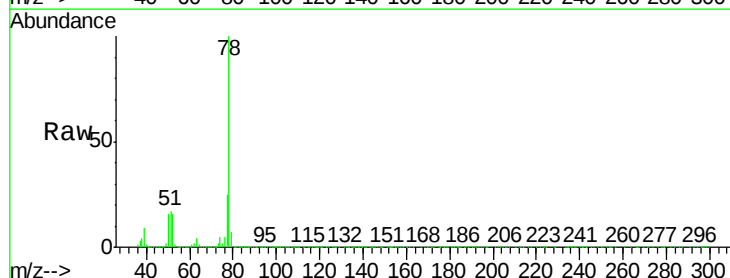
Instrument :
MSVOA_X
ClientSampleId :
VX1224WBS01

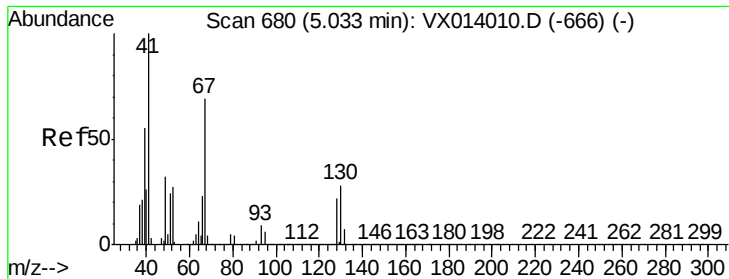
Tgt Ion	Ratio	Lower	Upper
83	100		
55	73.2	61.0	91.6
98	47.3	38.6	57.8



#40
Benzene
Concen: 18.857 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	18.8	28.2





#41

Methacrylonitrile

Concen: 18.592 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

Tgt Ion: 41 Resp: 82249

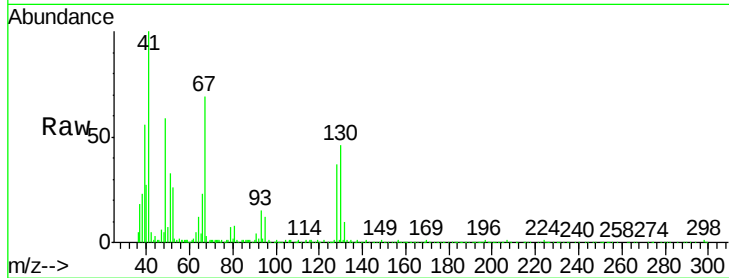
Ion Ratio Lower Upper

41 100

39 55.5 44.5 66.7

67 72.3 57.4 86.0

52 28.6 23.0 34.4

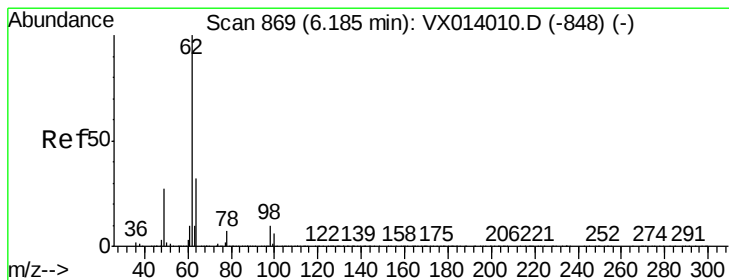
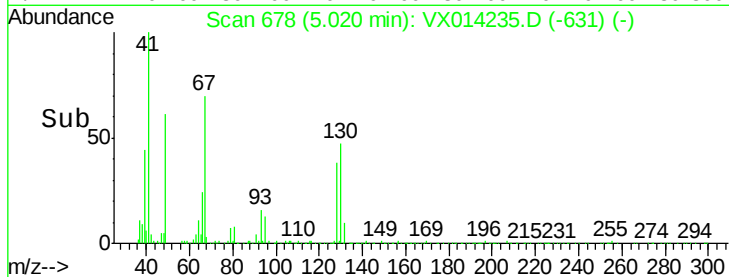
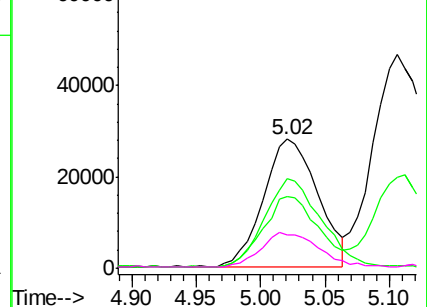


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 19.190 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX014235.D

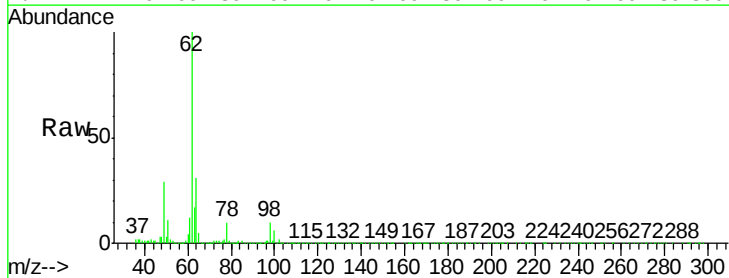
Acq: 24 Dec 2019 11:09

Tgt Ion: 62 Resp: 144515

Ion Ratio Lower Upper

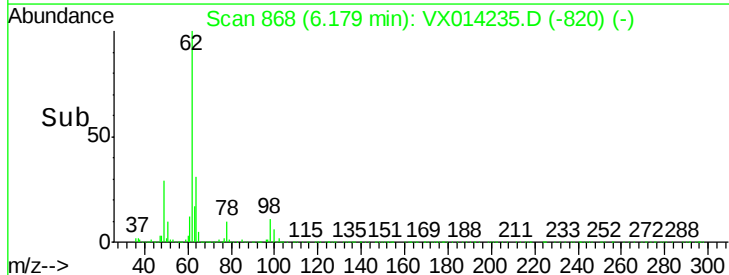
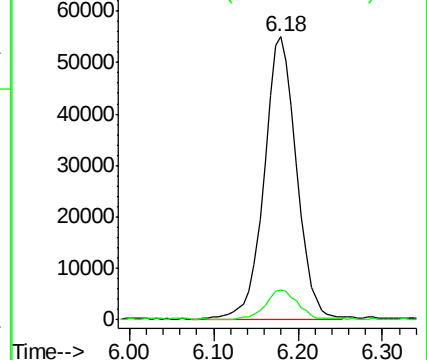
62 100

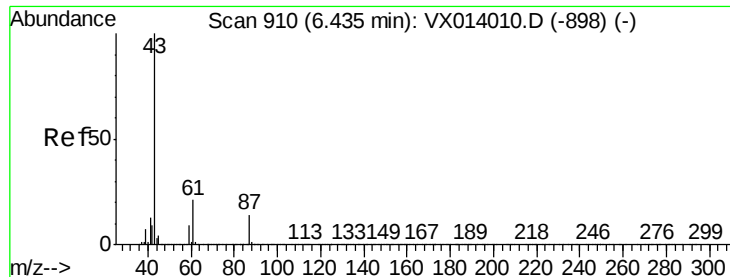
98 11.2 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.615 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

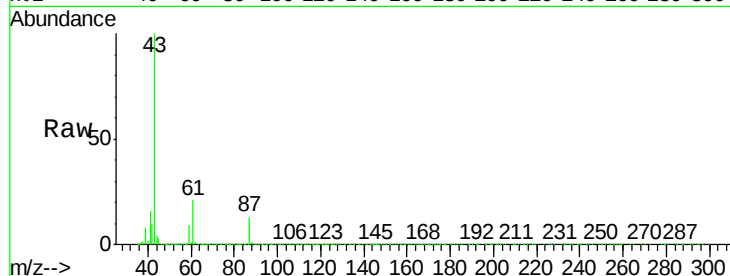
Tgt Ion: 43 Resp: 245629

Ion Ratio Lower Upper

43 100

61 20.6 16.4 24.6

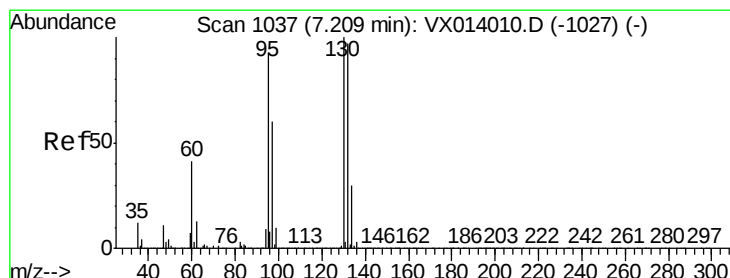
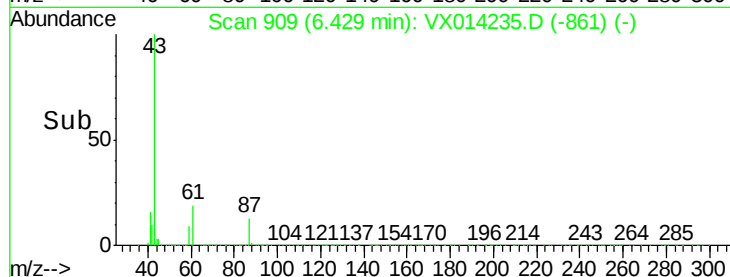
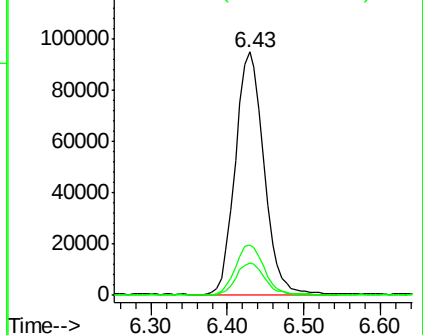
87 13.5 10.7 16.1



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: 18.283 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014235.D

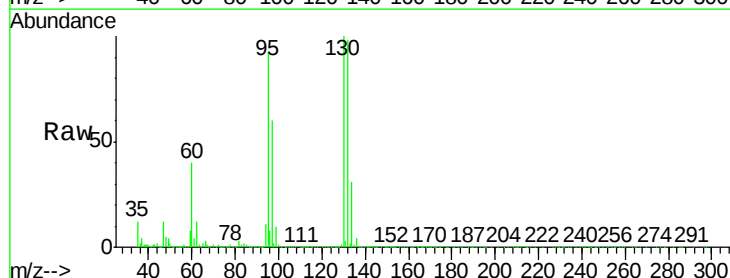
Acq: 24 Dec 2019 11:09

Tgt Ion: 130 Resp: 112185

Ion Ratio Lower Upper

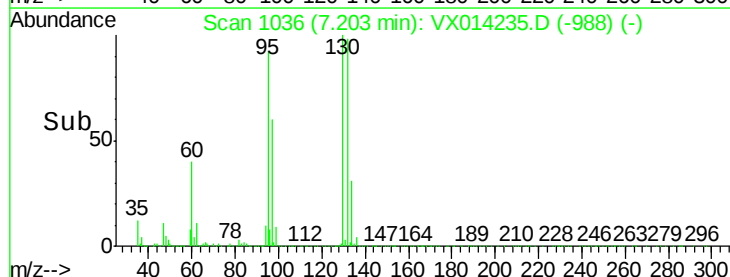
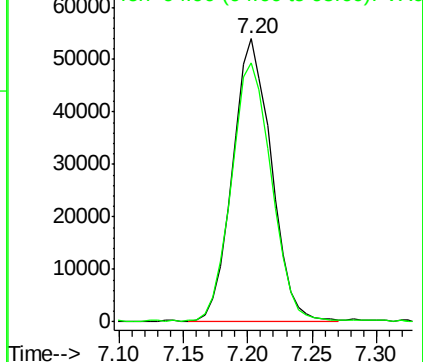
130 100

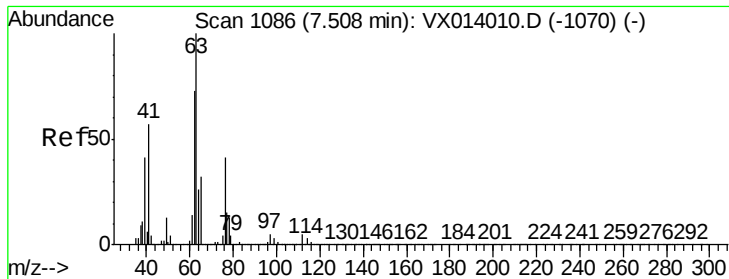
95 91.5 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

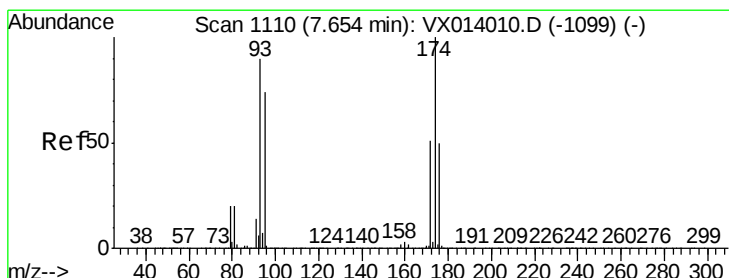
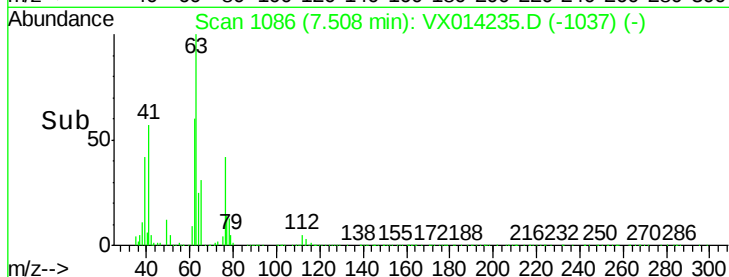
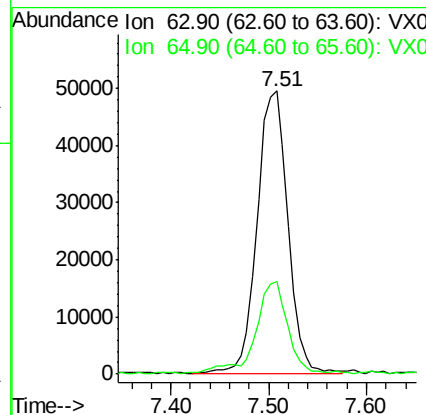
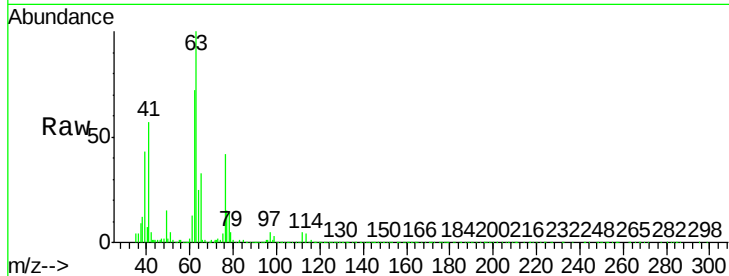




#45
 1,2-Dichloropropane
 Concen: 19.248 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014235.D
 Acq: 24 Dec 2019 11:09

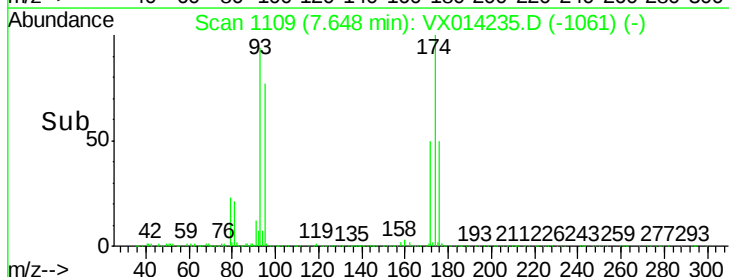
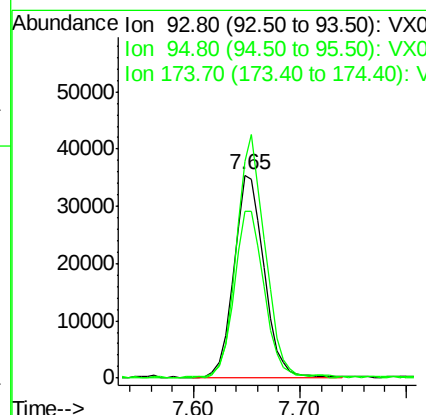
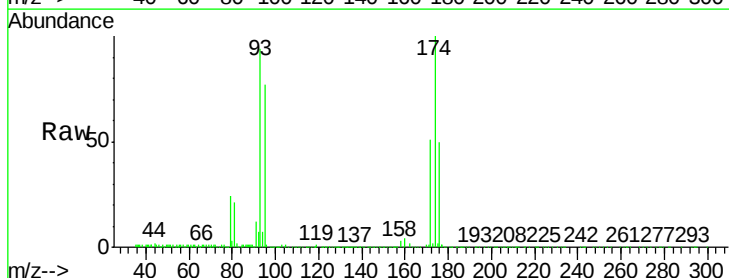
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBS01

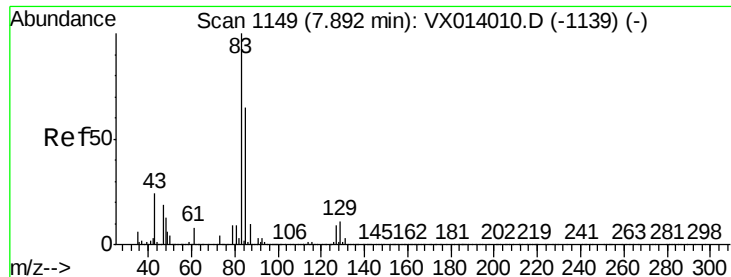
Tgt Ion: 63 Resp: 109598
 Ion Ratio Lower Upper
 63 100
 65 32.2 25.8 38.8



#46
 Dibromomethane
 Concen: 18.624 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX014235.D
 Acq: 24 Dec 2019 11:09

Tgt Ion: 93 Resp: 70114
 Ion Ratio Lower Upper
 93 100
 95 81.9 67.3 100.9
 174 114.6 91.6 137.4





#47

Bromodichloromethane

Concen: 19.002 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

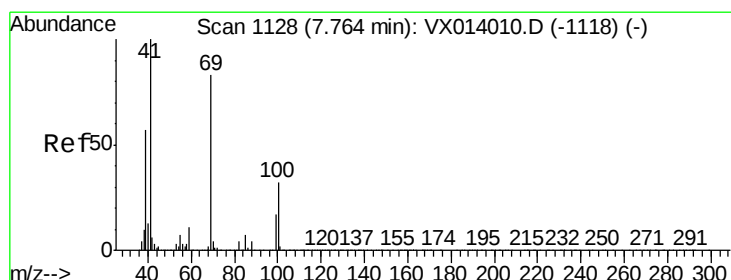
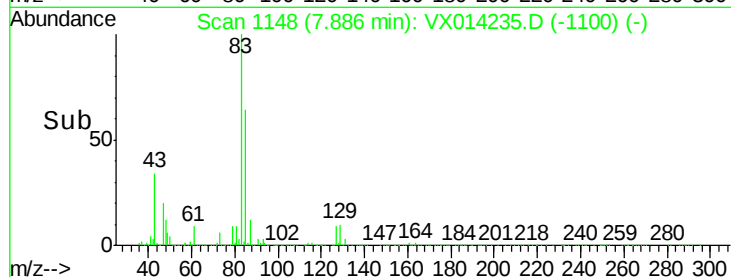
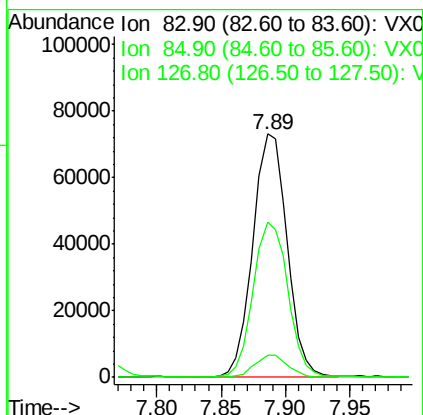
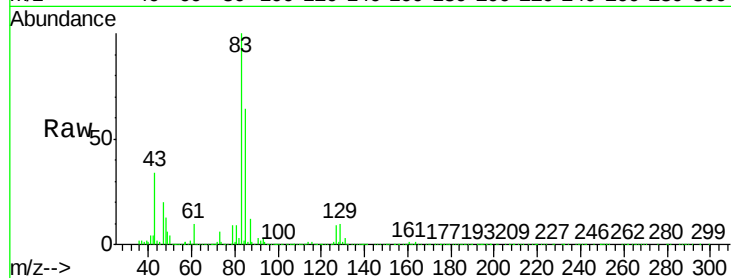
Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

Tgt Ion:	83	Resp:	134727
Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.8	77.8
127	8.9	7.0	10.4



#48

Methyl methacrylate

Concen: 18.647 ug/l

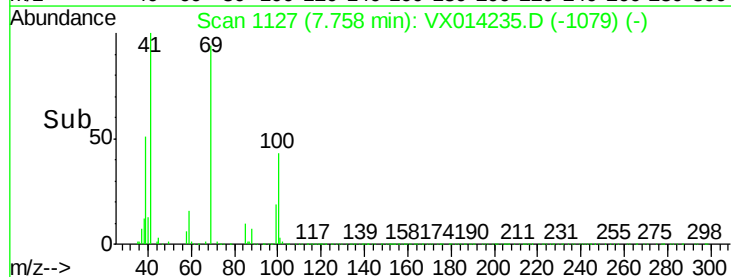
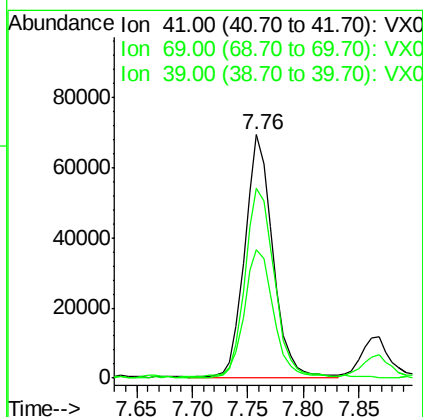
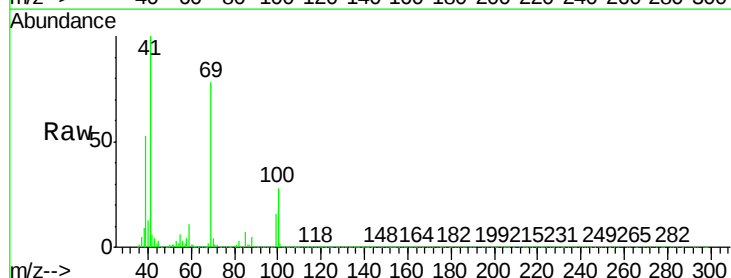
RT: 7.76 min Scan# 1127

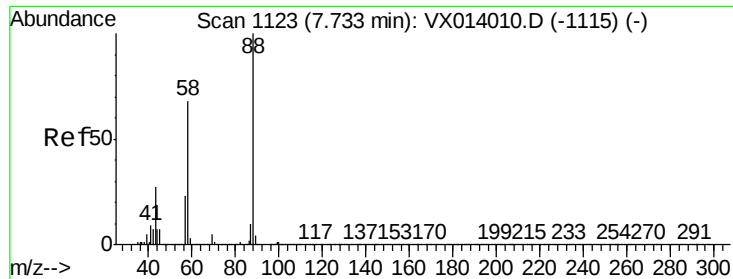
Delta R.T. -0.01 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Tgt Ion:	41	Resp:	120483
Ion	Ratio	Lower	Upper
41	100		
69	81.8	65.8	98.6
39	55.2	44.6	67.0





#49

1,4-Dioxane

Concen: 381.090 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

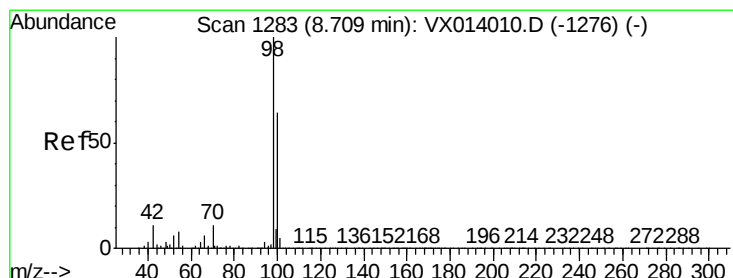
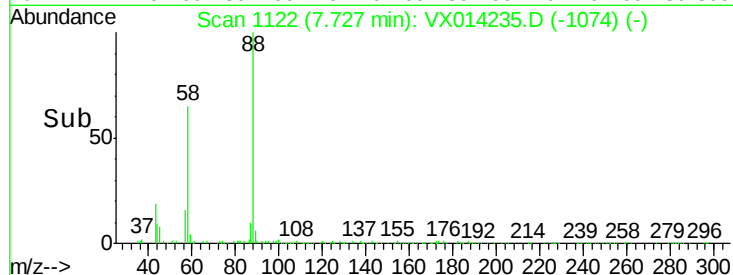
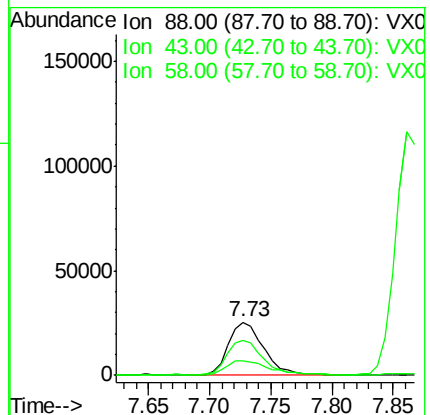
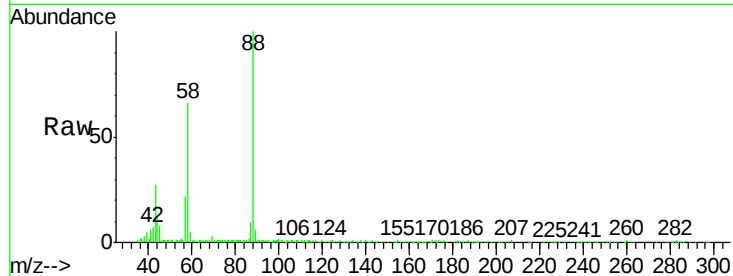
Tgt Ion: 88 Resp: 50109

Ion Ratio Lower Upper

88 100

43 33.4 26.5 39.7

58 68.2 56.8 85.2



#50

Toluene-d8

Concen: 49.505 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014235.D

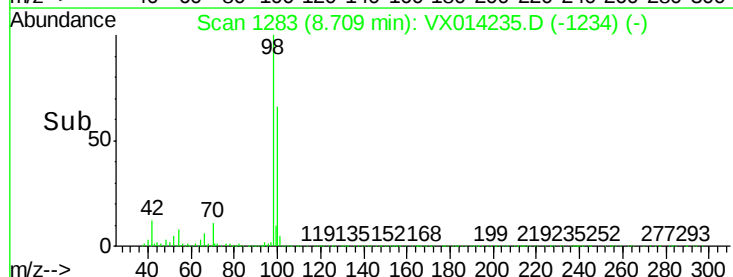
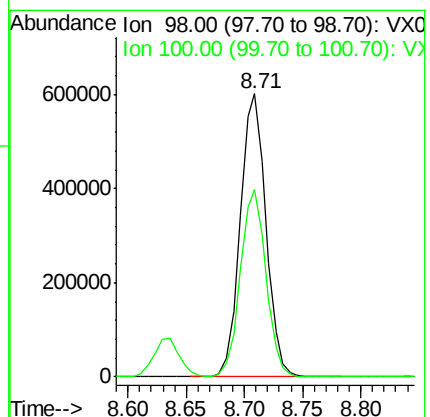
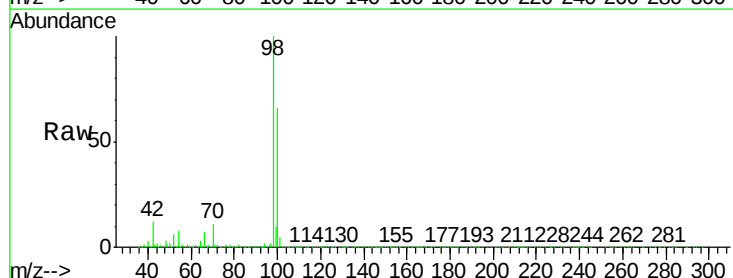
Acq: 24 Dec 2019 11:09

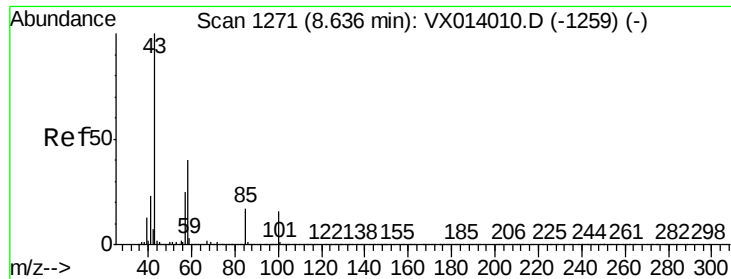
Tgt Ion: 98 Resp: 921932

Ion Ratio Lower Upper

98 100

100 66.2 52.9 79.3

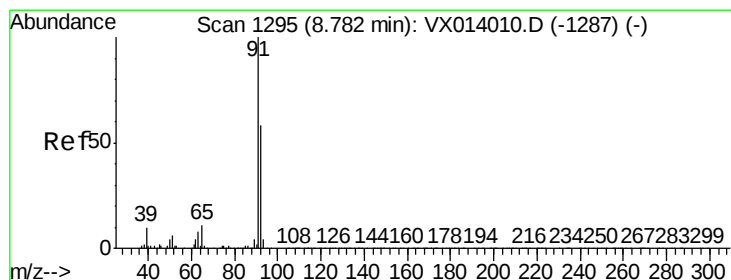
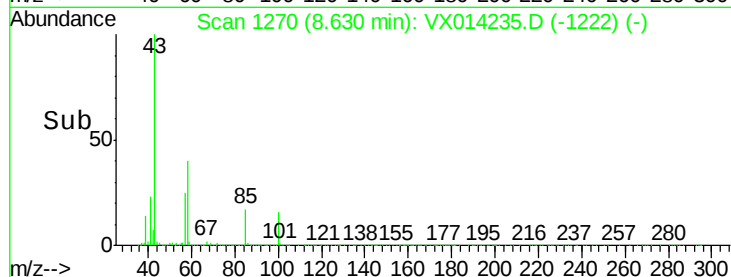
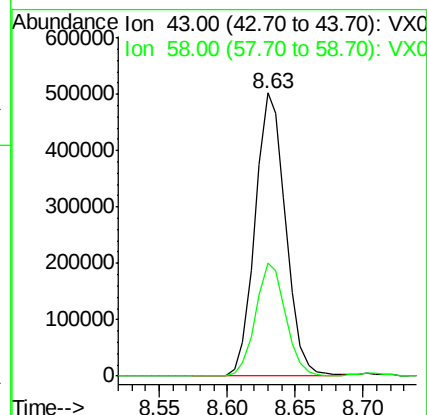
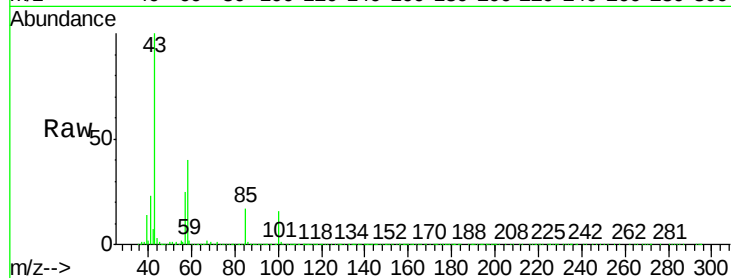




#51
 4-Methyl-2-Pentanone
 Concen: 95.181 ug/l
 RT: 8.63 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: VX014235.D
 Acq: 24 Dec 2019 11:09

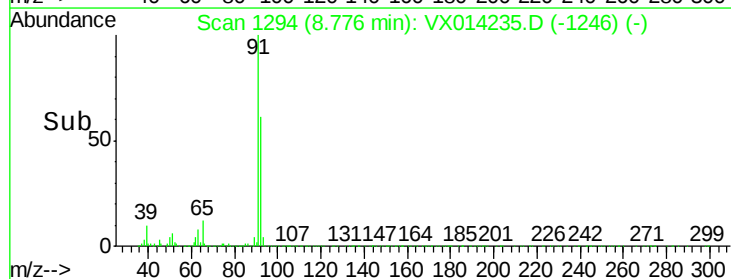
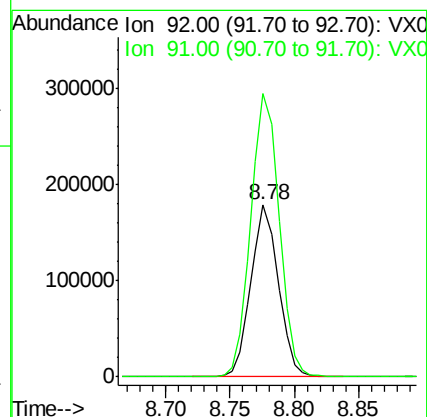
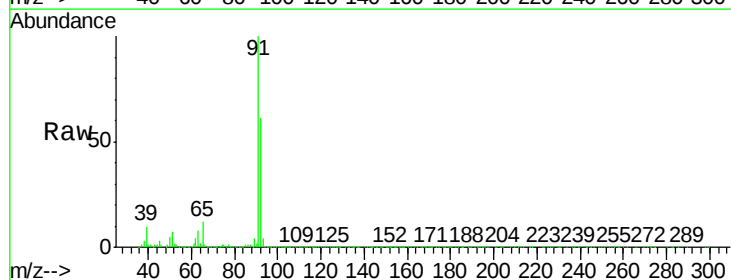
Instrument :
 MSVOA_X
 ClientSampled :
 VX1224WBS01

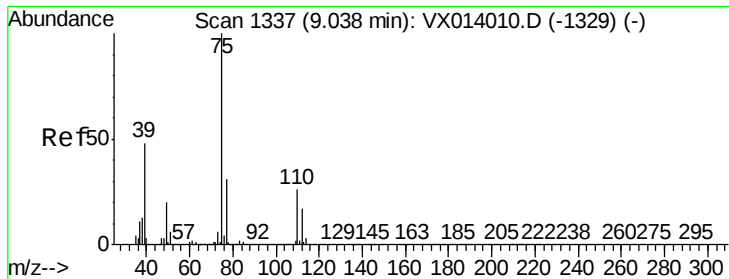
Tgt Ion: 43 Resp: 788743
 Ion Ratio Lower Upper
 43 100
 58 39.4 32.2 48.2



#52
 Toluene
 Concen: 18.669 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: VX014235.D
 Acq: 24 Dec 2019 11:09

Tgt Ion: 92 Resp: 262142
 Ion Ratio Lower Upper
 92 100
 91 170.8 136.2 204.4

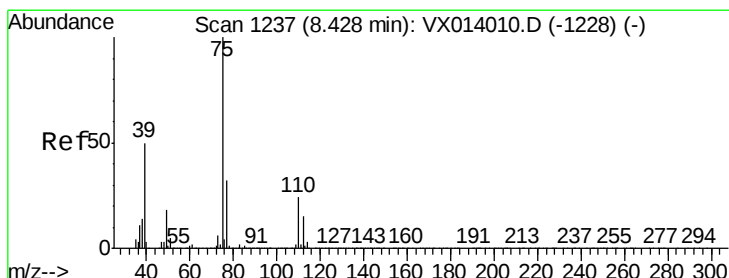
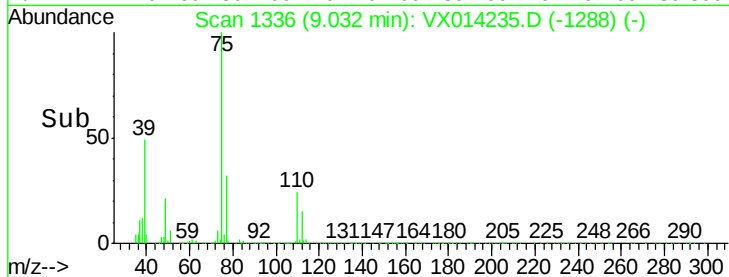
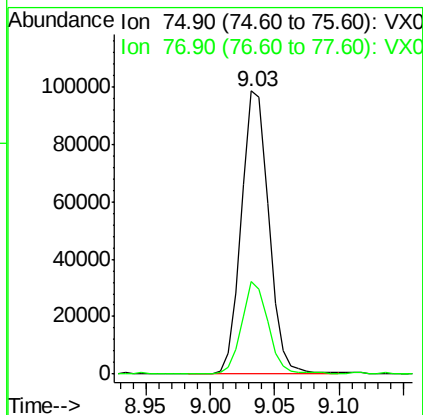
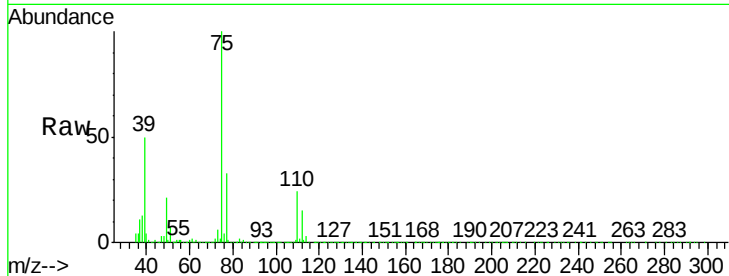




#53
t-1,3-Dichloropropene
Concen: 18.761 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

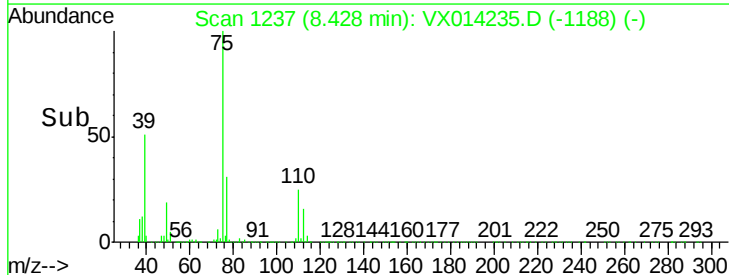
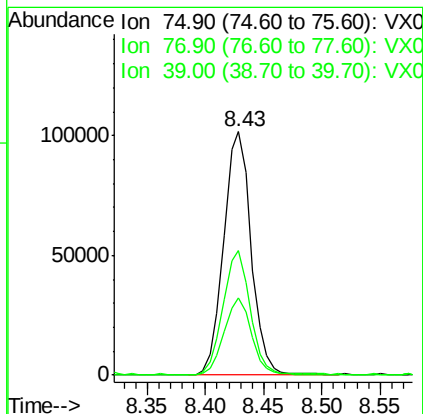
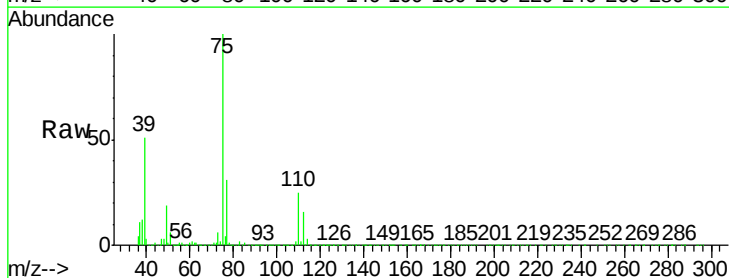
Instrument :
MSVOA_X
ClientSampled :
VX1224WBS01

Tgt Ion: 75 Resp: 145852
Ion Ratio Lower Upper
75 100
77 32.4 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 19.127 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

Tgt Ion: 75 Resp: 165666
Ion Ratio Lower Upper
75 100
77 31.4 25.3 37.9
39 51.0 39.9 59.9

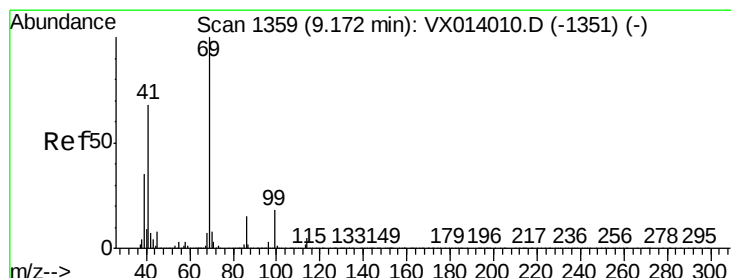
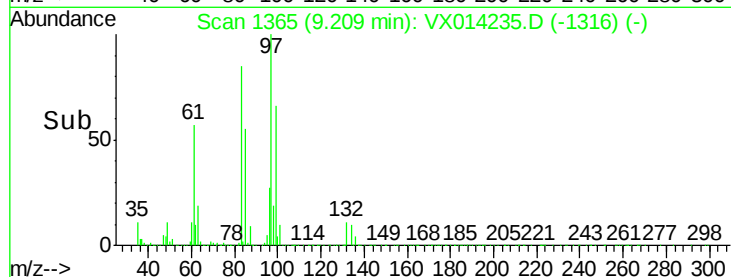
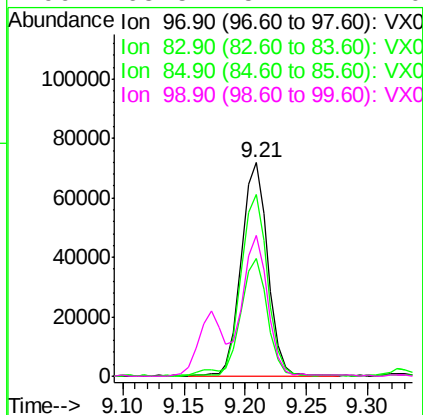
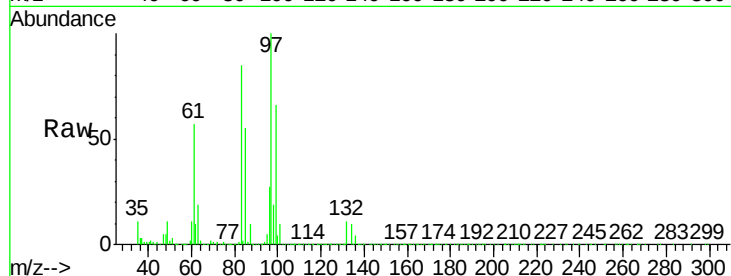




#55
 1,1,2-Trichloroethane
 Concen: 19.215 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014235.D
 Acq: 24 Dec 2019 11:09

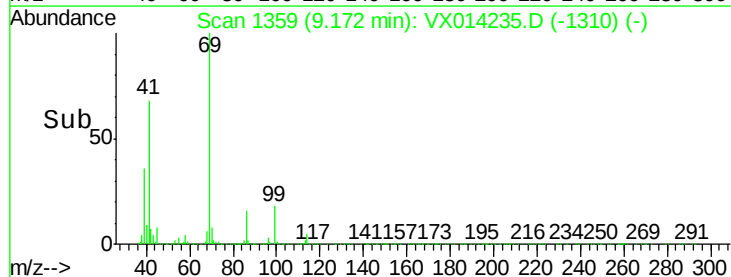
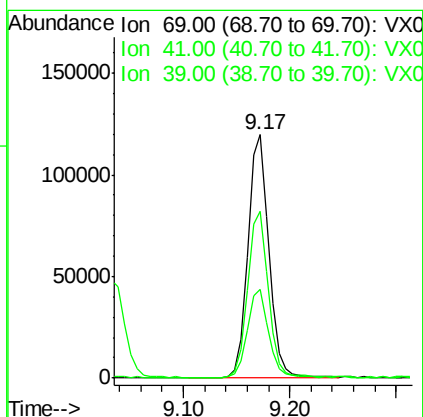
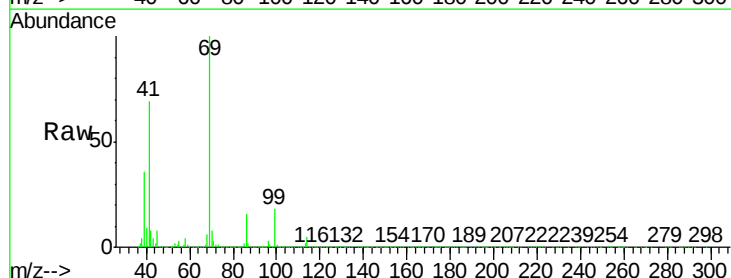
Instrument :
 MSVOA_X
 ClientSampled :
 VX1224WBS01

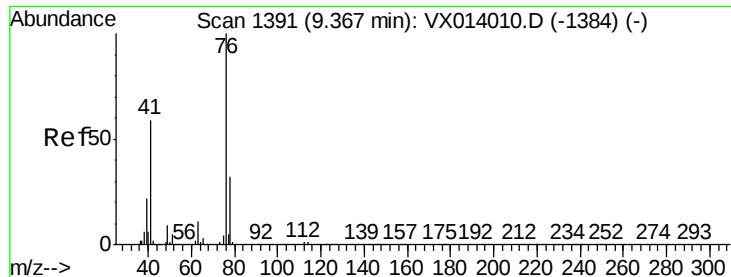
Tgt Ion:	97	Resp:	108141
Ion	Ratio	Lower	Upper
97	100		
83	84.6	68.2	102.4
85	54.9	44.6	66.8
99	65.5	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 18.776 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014235.D
 Acq: 24 Dec 2019 11:09

Tgt Ion:	69	Resp:	165986
Ion	Ratio	Lower	Upper
69	100		
41	67.5	54.8	82.2
39	36.5	28.3	42.5





#57

1,3-Dichloropropane

Concen: 19.250 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Instrument :

MSVOA_X

ClientSampled :

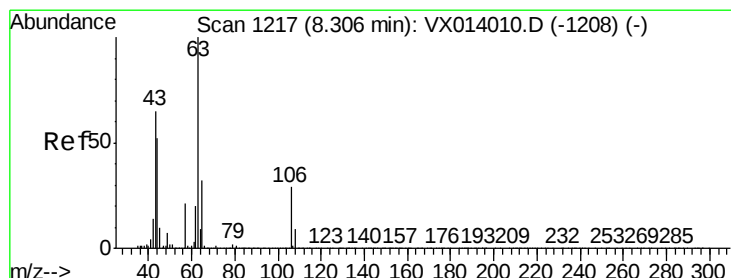
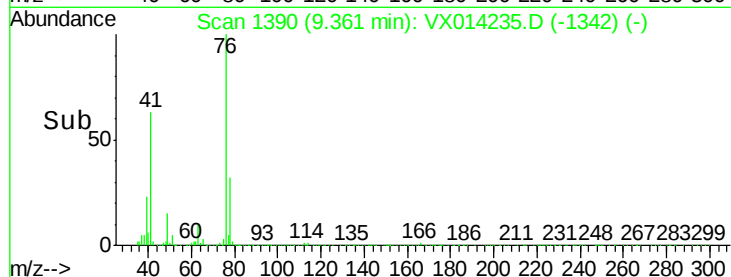
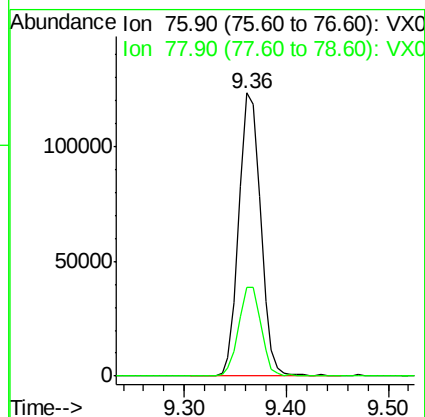
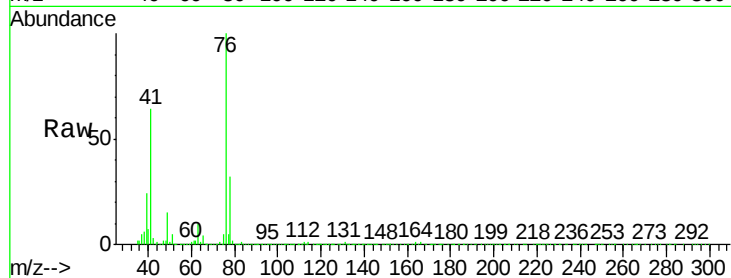
VX1224WBS01

Tgt Ion: 76 Resp: 182272

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 99.551 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014235.D

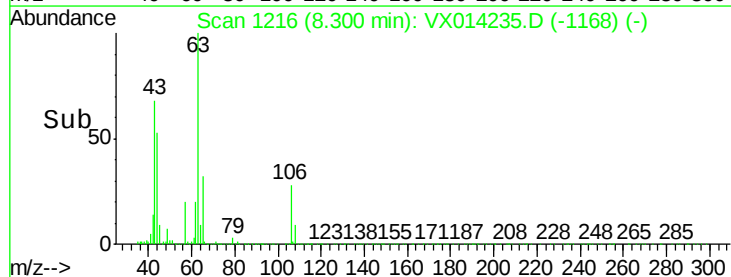
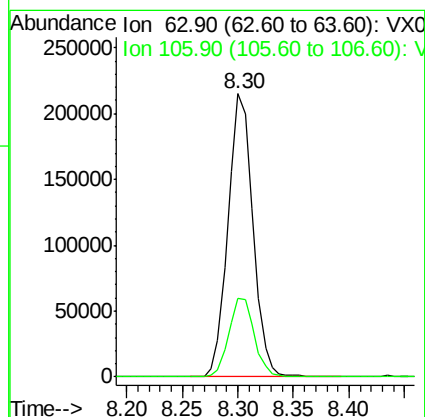
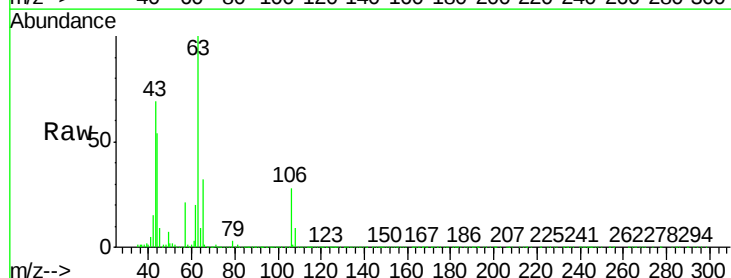
Acq: 24 Dec 2019 11:09

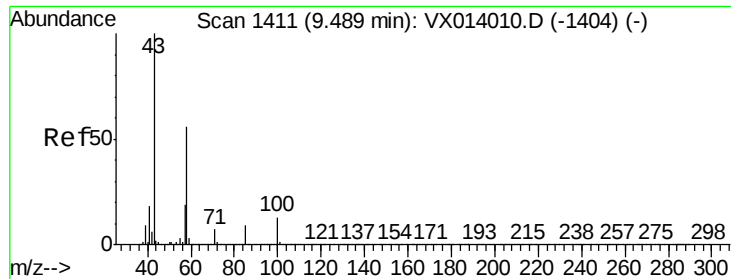
Tgt Ion: 63 Resp: 333050

Ion Ratio Lower Upper

63 100

106 28.5 23.0 34.6

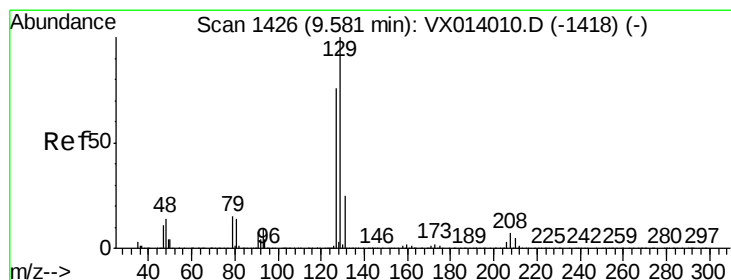
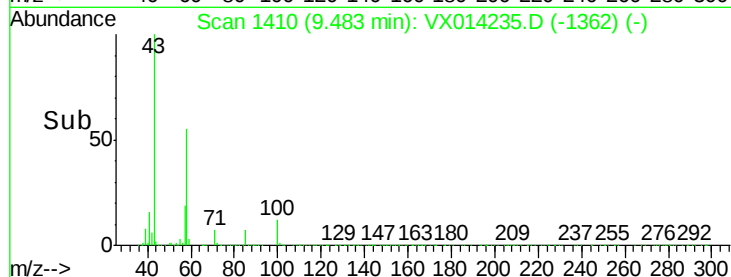
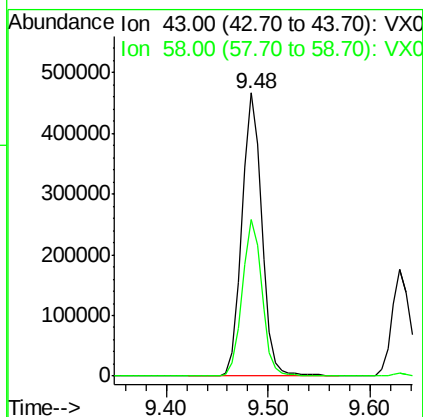
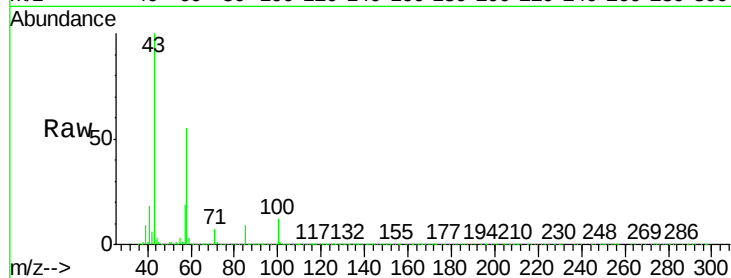




#59
2-Hexanone
Concen: 93.840 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

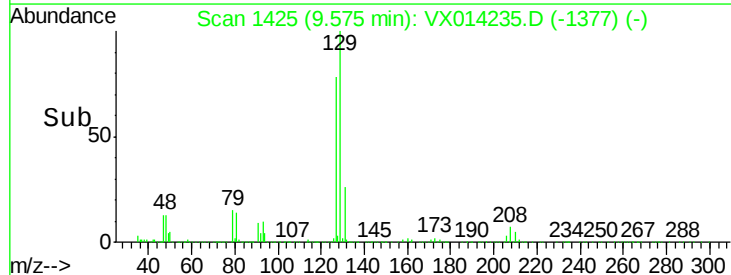
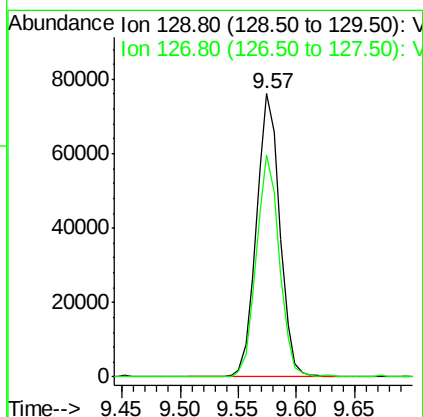
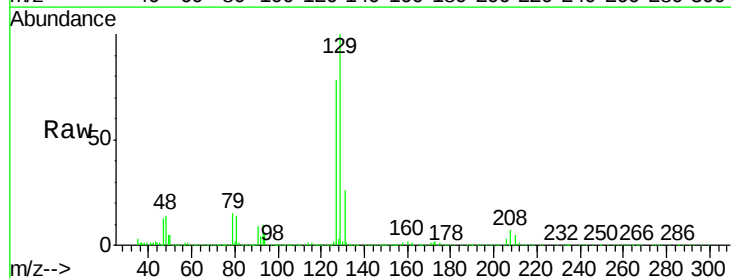
Instrument :
MSVOA_X
ClientSampled :
VX1224WBS01

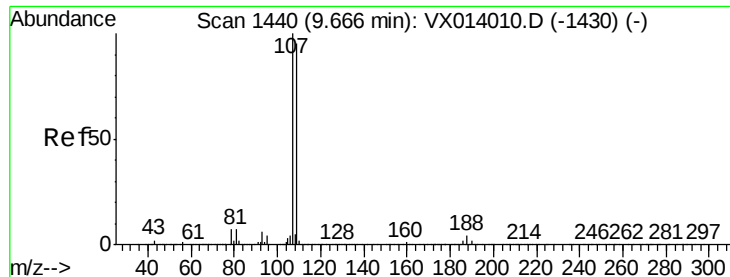
Tgt Ion: 43 Resp: 625992
Ion Ratio Lower Upper
43 100
58 54.9 28.0 84.0



#60
Dibromochloromethane
Concen: 19.106 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

Tgt Ion: 129 Resp: 106882
Ion Ratio Lower Upper
129 100
127 77.5 38.4 115.2





#61

1,2-Dibromoethane

Concen: 19.618 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

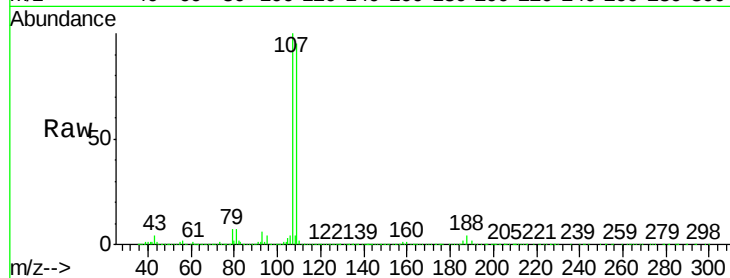
VX1224WBS01

Tgt Ion: 107 Resp: 112962

Ion Ratio Lower Upper

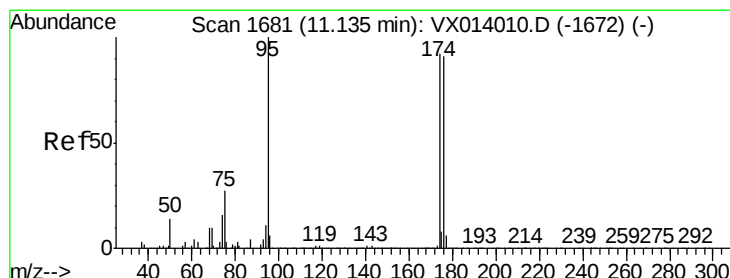
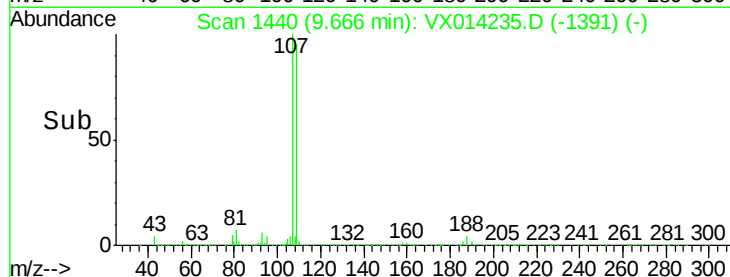
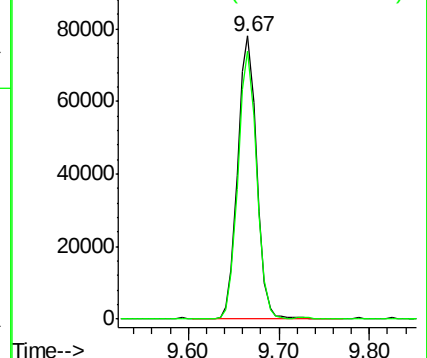
107 100

109 93.2 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: 48.204 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

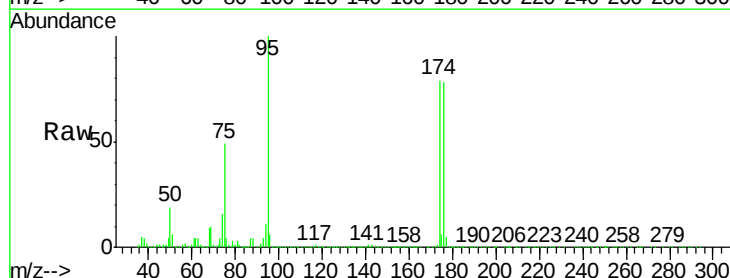
Tgt Ion: 95 Resp: 328151

Ion Ratio Lower Upper

95 100

174 86.9 0.0 175.8

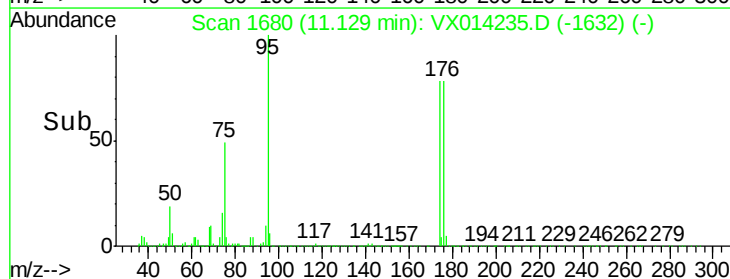
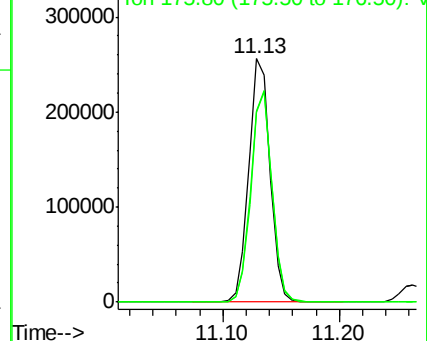
176 85.6 0.0 173.0



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

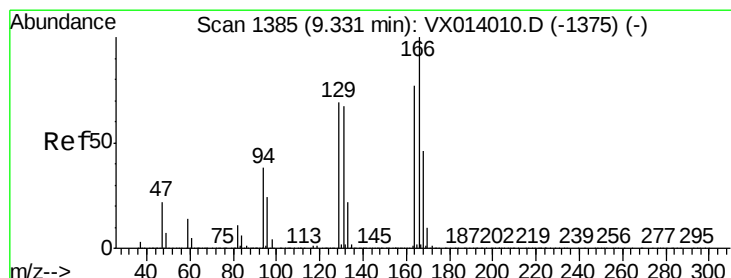
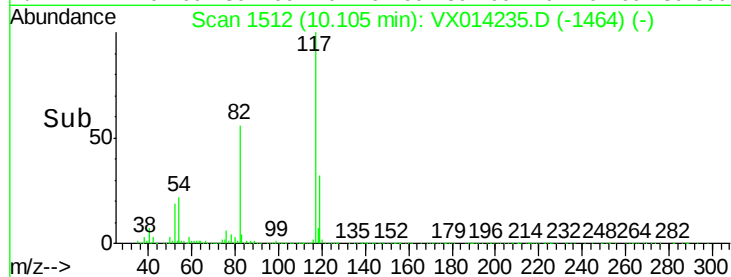
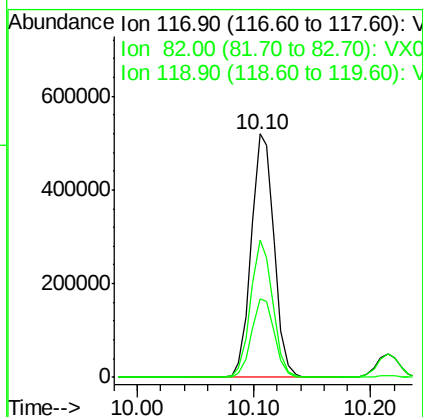
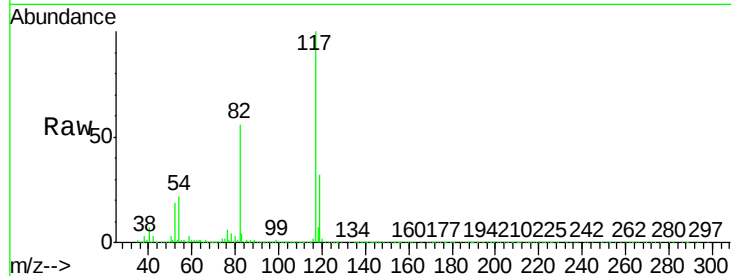




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

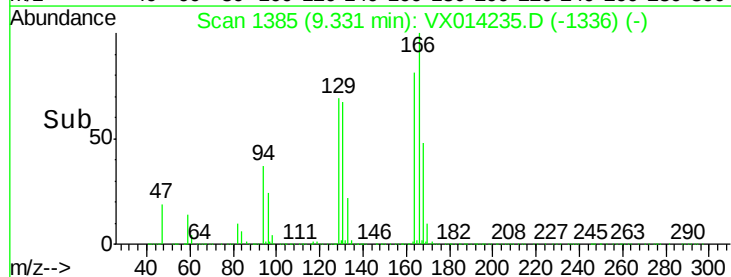
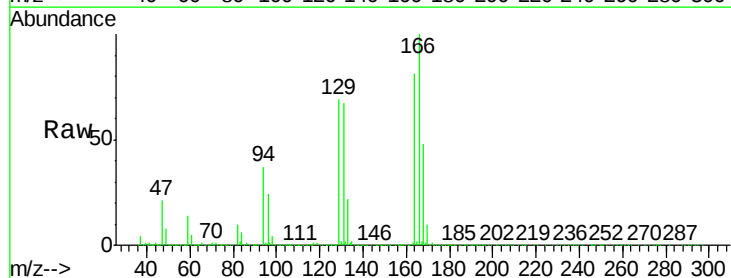
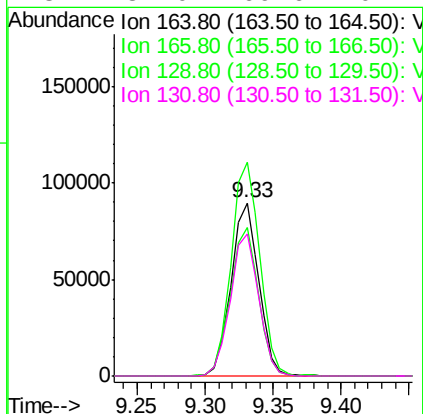
Instrument :
MSVOA_X
ClientSampleId :
VX1224WBS01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.4	42.2	63.4
119	32.2	25.1	37.7



#64
Tetrachloroethene
Concen: 20.263 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.0	104.0	156.0
129	85.1	72.2	108.4
131	82.0	69.6	104.4

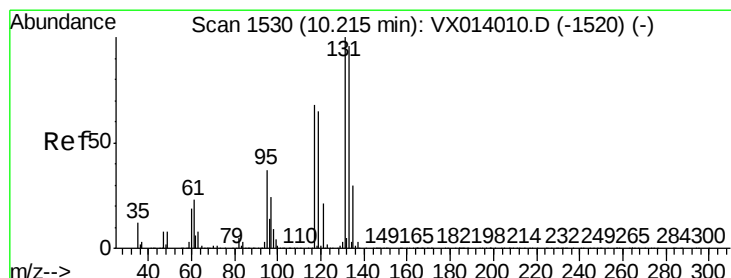
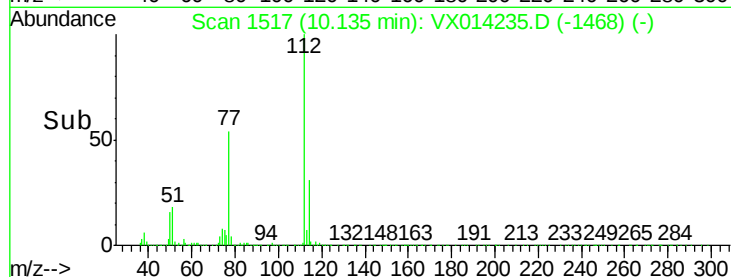
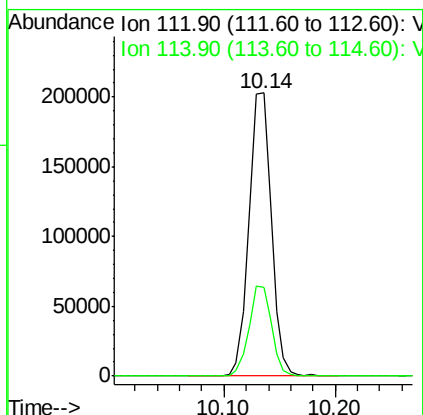
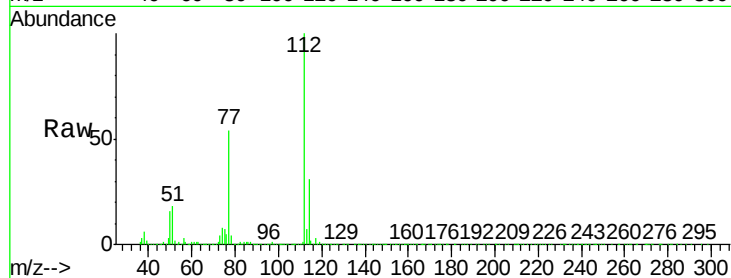




#65
Chlorobenzene
Concen: 18.922 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

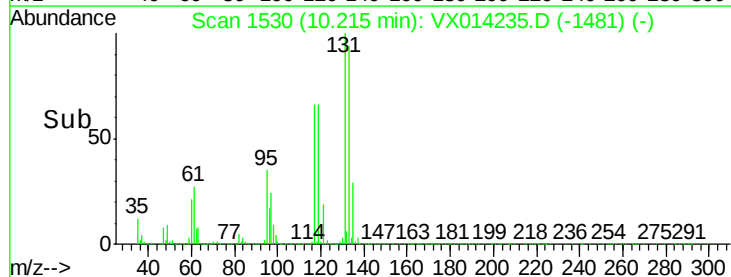
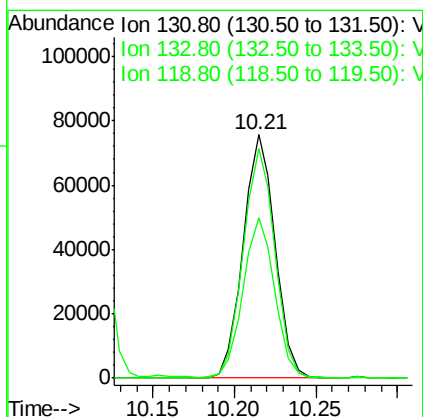
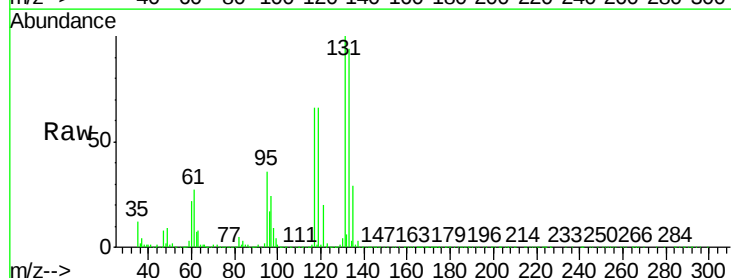
Instrument :
MSVOA_X
ClientSampleId :
VX1224WBS01

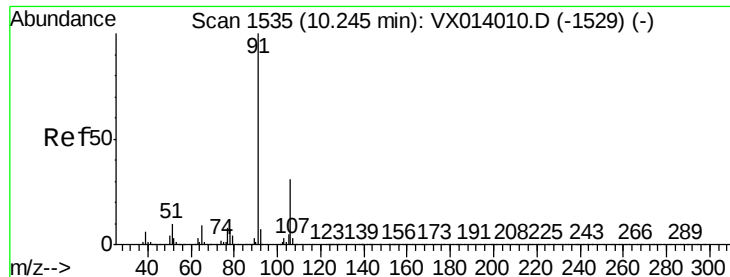
Tgt Ion:112 Resp: 285252
Ion Ratio Lower Upper
112 100
114 31.2 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.174 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

Tgt Ion:131 Resp: 103207
Ion Ratio Lower Upper
131 100
133 93.4 48.0 144.0
119 65.3 33.4 100.2





#67

Ethyl Benzene

Concen: 18.931 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

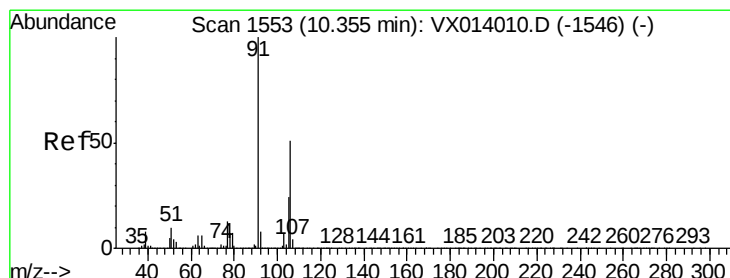
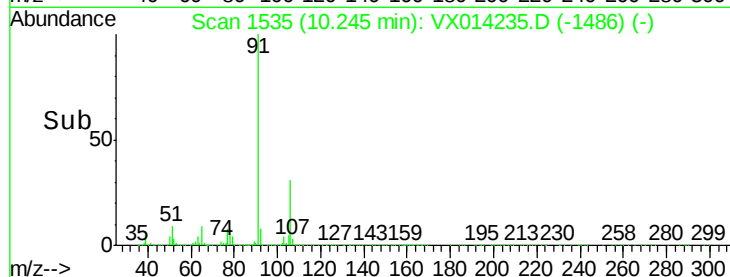
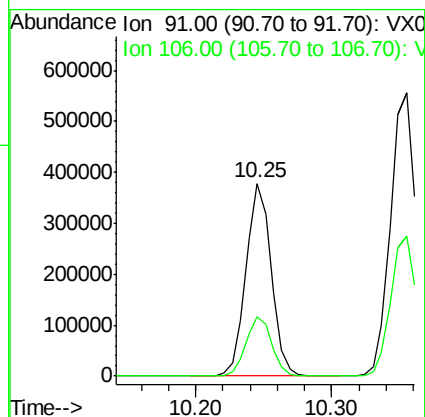
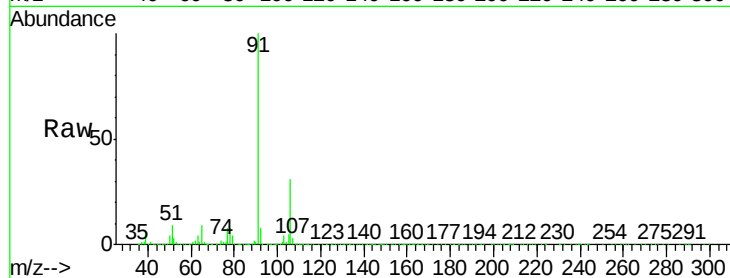
VX1224WBS01

Tgt Ion: 91 Resp: 490659

Ion Ratio Lower Upper

91 100

106 31.1 25.0 37.6



#68

m/p-Xylenes

Concen: 37.122 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014235.D

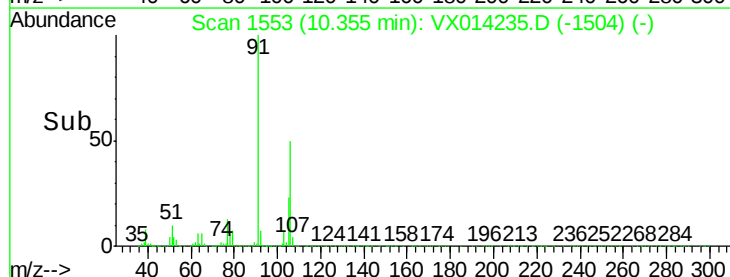
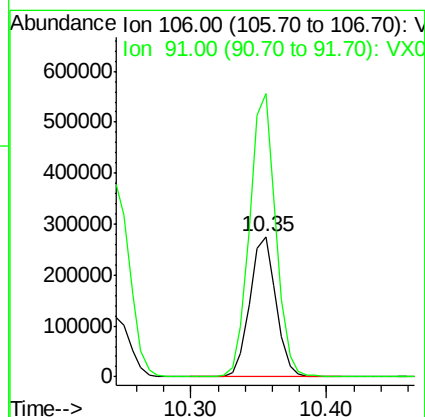
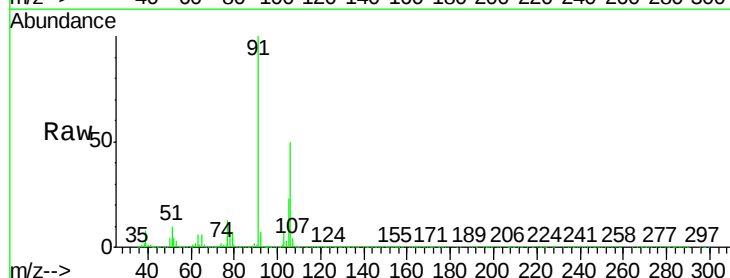
Acq: 24 Dec 2019 11:09

Tgt Ion: 106 Resp: 370048

Ion Ratio Lower Upper

106 100

91 202.4 158.6 238.0

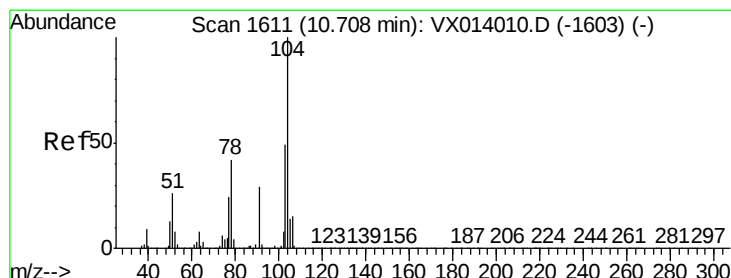
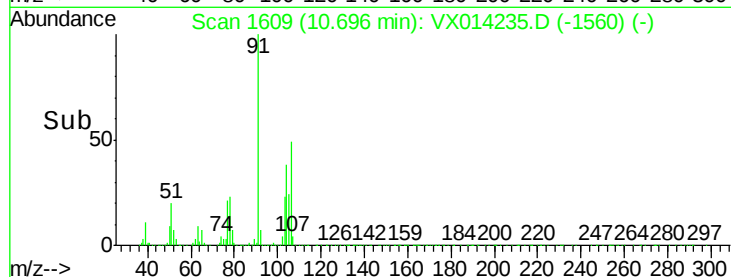
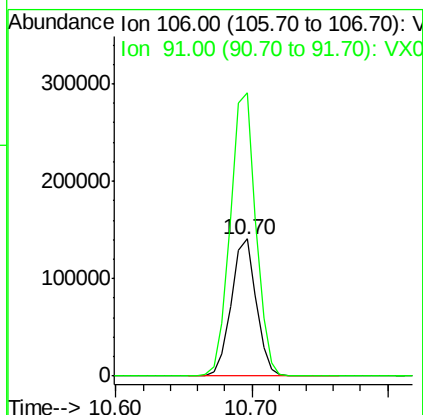
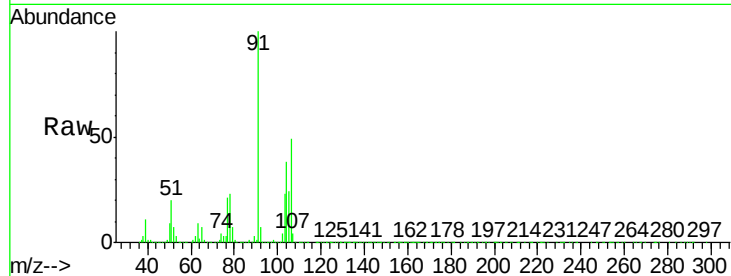




#69
o-Xylene
Concen: 18.397 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

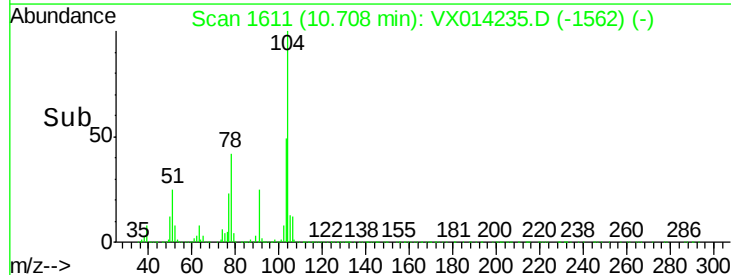
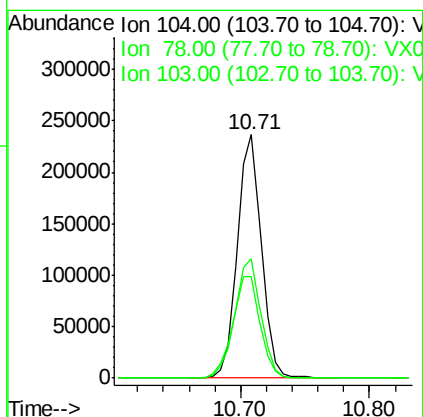
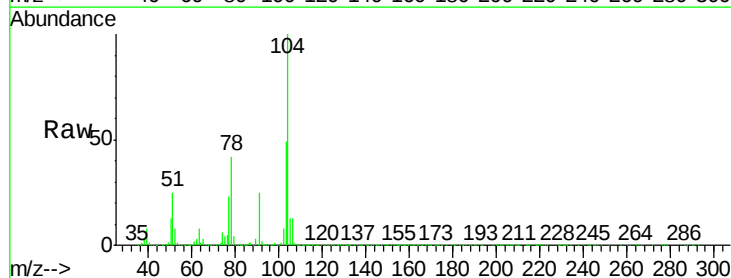
Instrument :
MSVOA_X
ClientSampleId :
VX1224WBS01

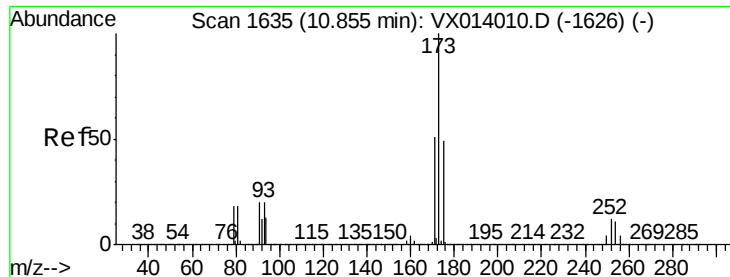
Tgt Ion:106 Resp: 179860
Ion Ratio Lower Upper
106 100
91 211.4 104.2 312.6



#70
Styrene
Concen: 18.611 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

Tgt Ion:104 Resp: 307672
Ion Ratio Lower Upper
104 100
78 48.0 38.5 57.7
103 53.5 42.9 64.3





#71

Bromoform

Concen: 17.916 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

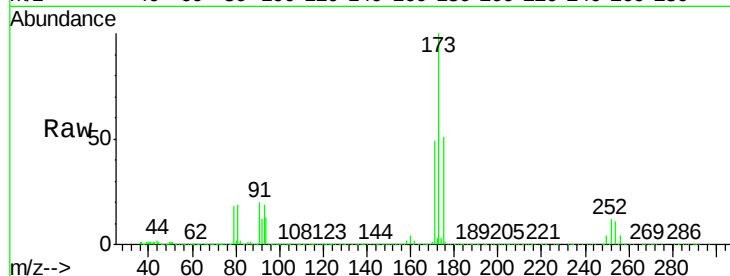
Tgt Ion:173 Resp: 77518

Ion Ratio Lower Upper

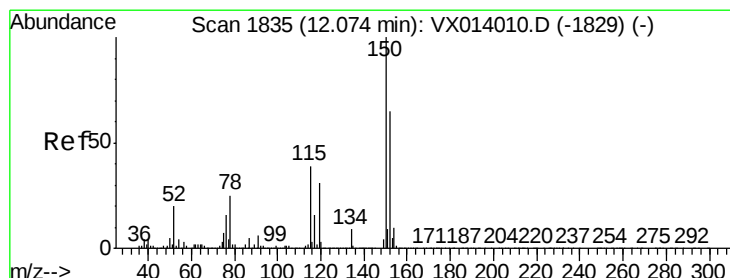
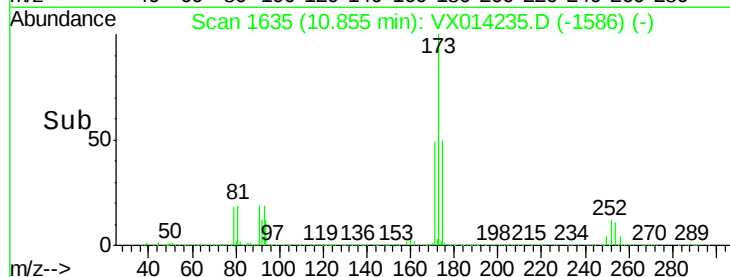
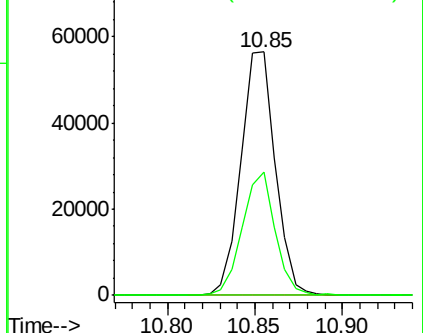
173 100

175 48.8 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: VX014235.D

Acq: 24 Dec 2019 11:09

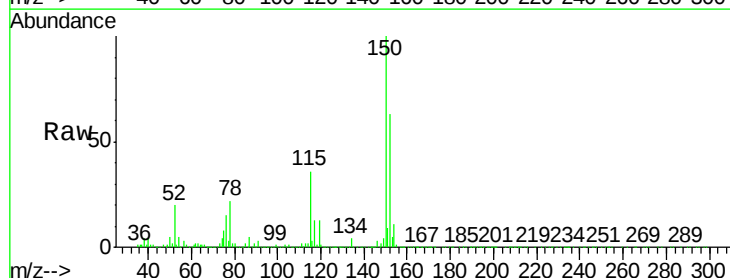
Tgt Ion:152 Resp: 349083

Ion Ratio Lower Upper

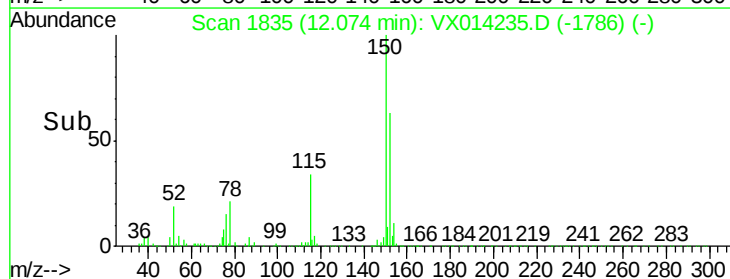
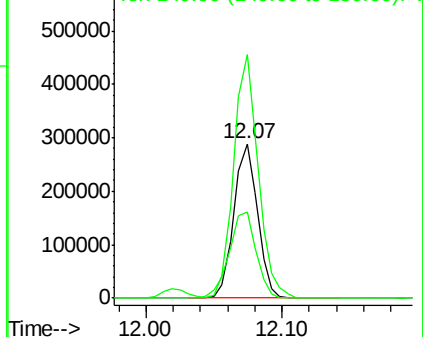
152 100

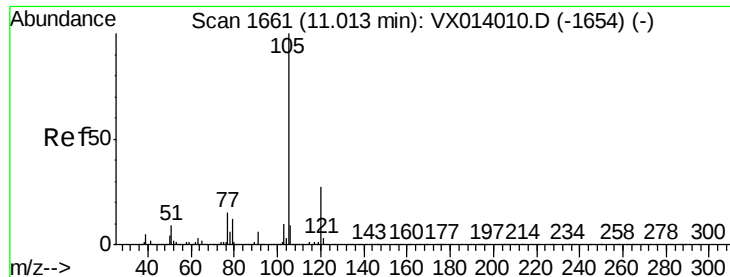
115 63.4 38.3 114.9

150 162.9 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: 19.644 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

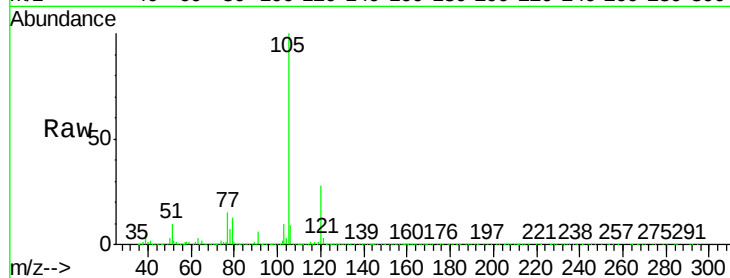
VX1224WBS01

Tgt Ion:105 Resp: 482802

Ion Ratio Lower Upper

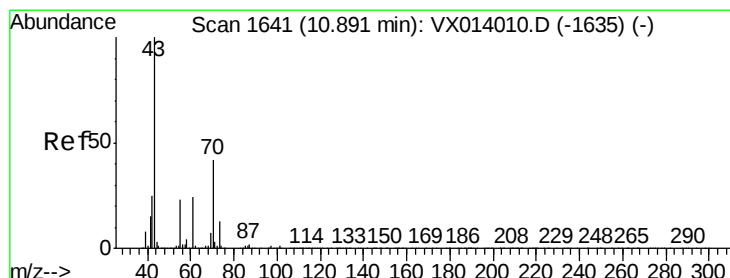
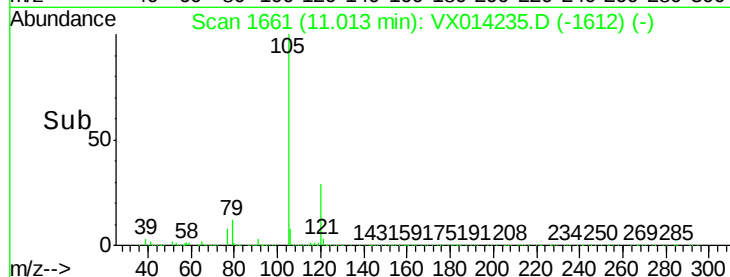
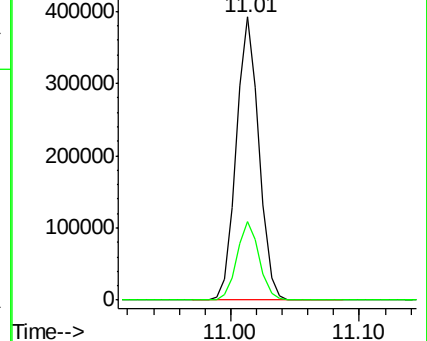
105 100

120 27.2 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: 18.293 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Tgt Ion: 43 Resp: 210744

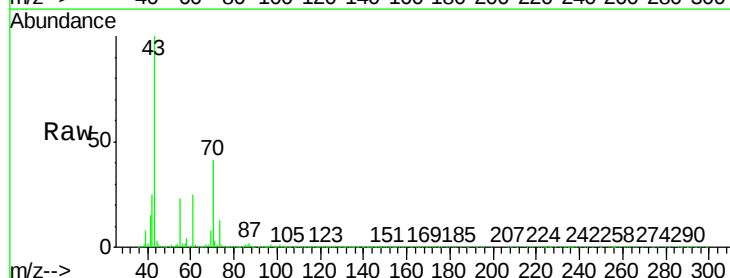
Ion Ratio Lower Upper

43 100

70 42.2 34.4 51.6

55 24.1 19.1 28.7

61 25.4 19.7 29.5

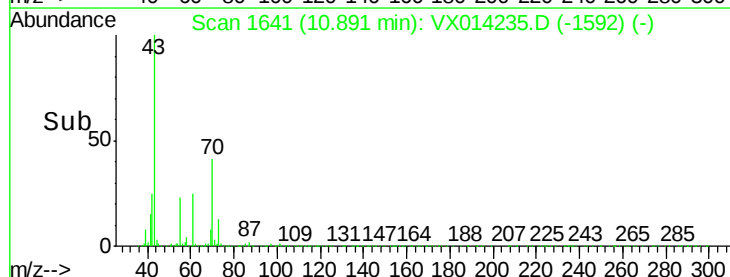
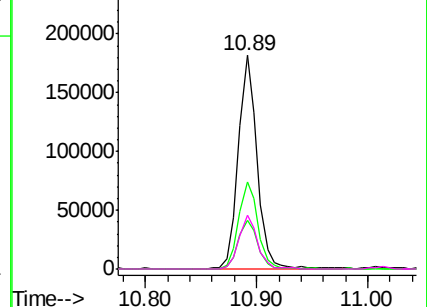


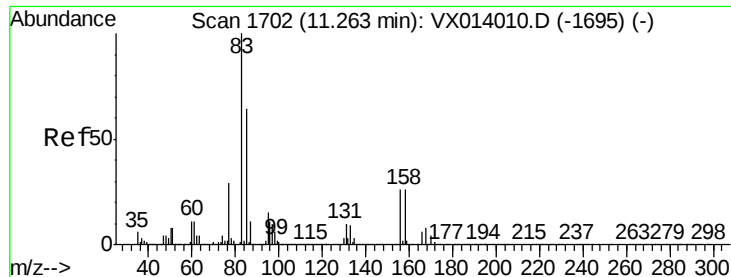
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 18.709 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

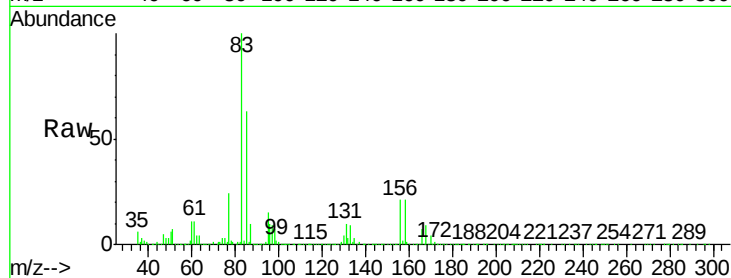
Tgt Ion: 83 Resp: 159424

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.2

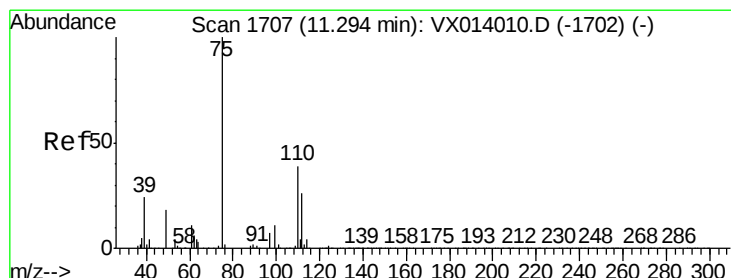
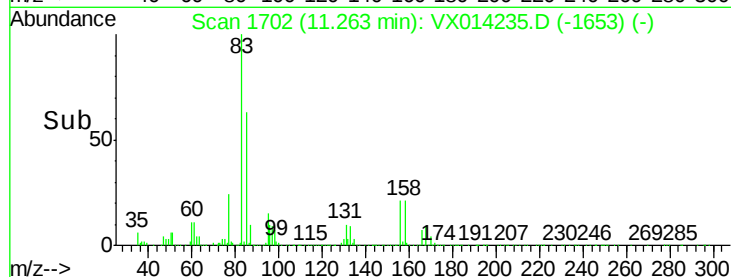
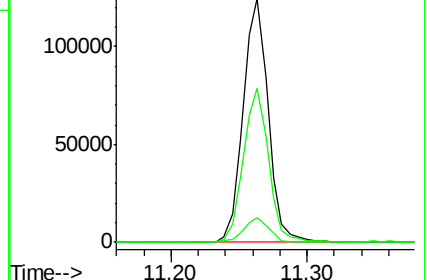
85 64.2 31.9 95.7



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: 23.170 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014235.D

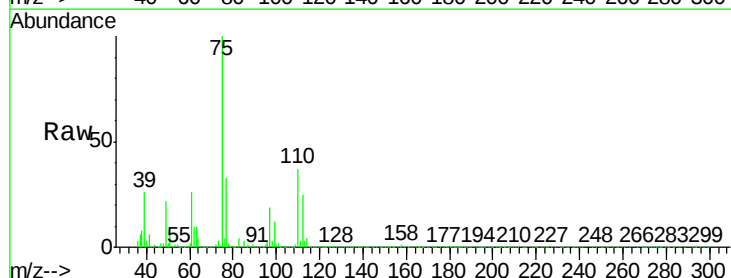
Acq: 24 Dec 2019 11:09

Tgt Ion: 75 Resp: 175592

Ion Ratio Lower Upper

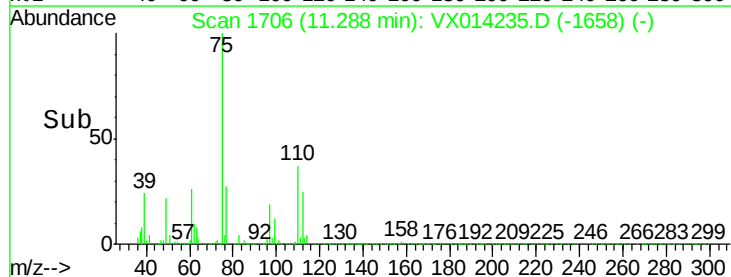
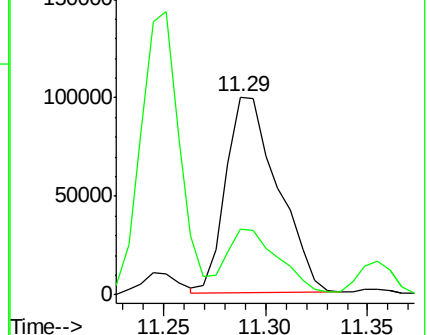
75 100

77 34.1 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: 18.408 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

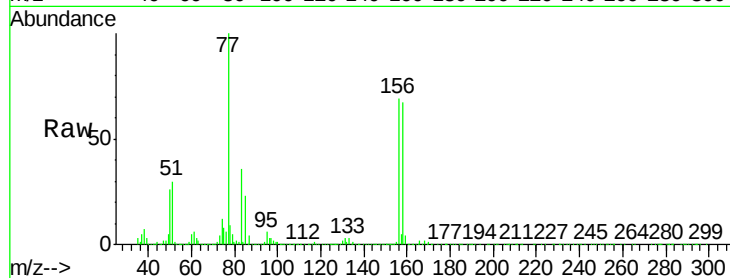
Tgt Ion: 156 Resp: 124482

Ion Ratio Lower Upper

156 100

77 150.3 76.5 229.5

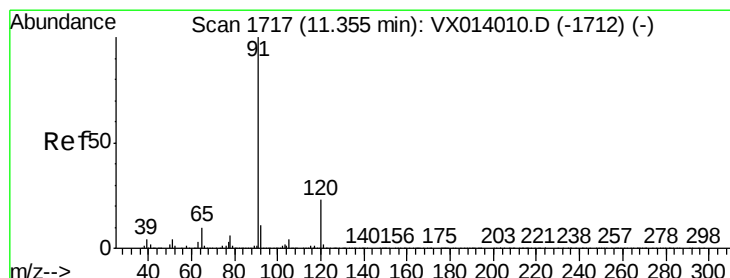
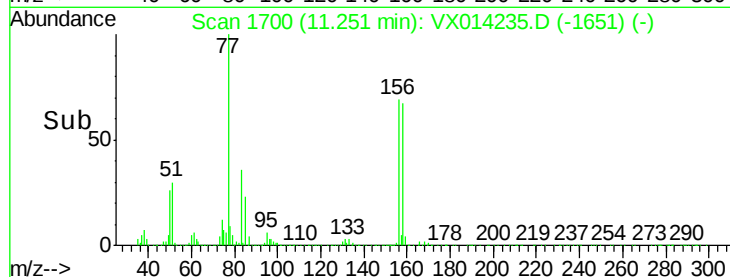
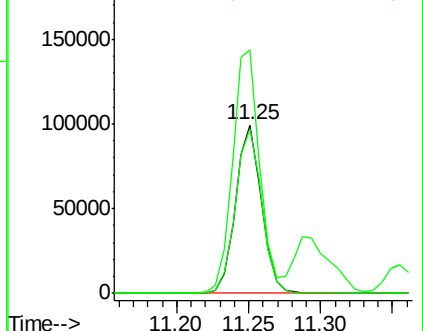
158 99.5 49.3 147.9



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: 19.794 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014235.D

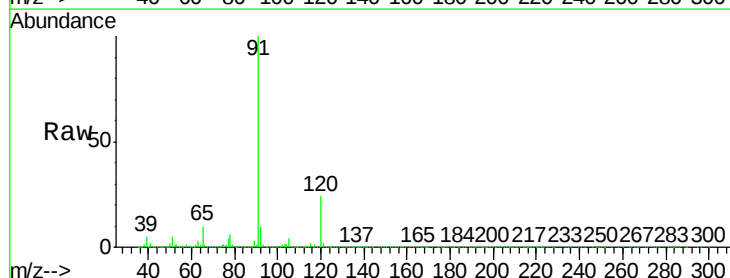
Acq: 24 Dec 2019 11:09

Tgt Ion: 91 Resp: 545698

Ion Ratio Lower Upper

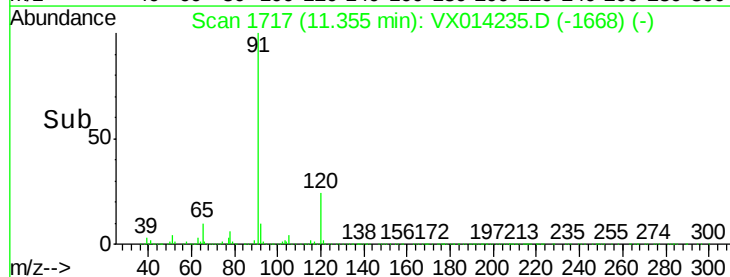
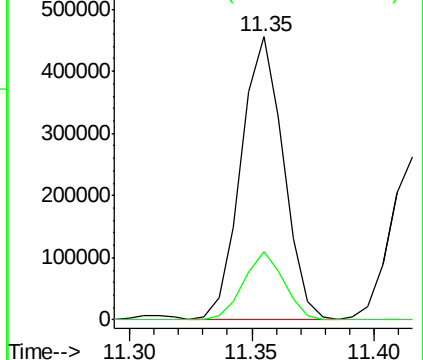
91 100

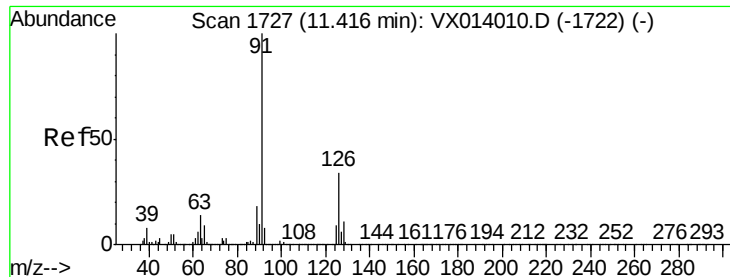
120 23.4 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.150 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Instrument :

MSVOA_X

ClientSampled :

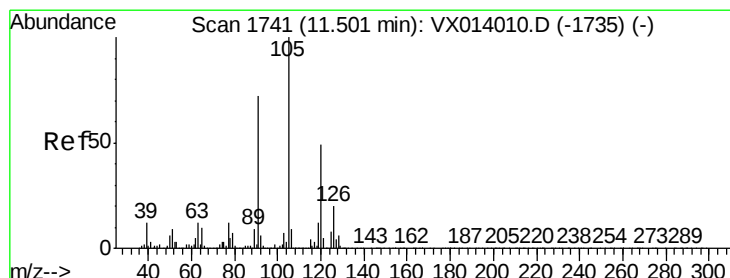
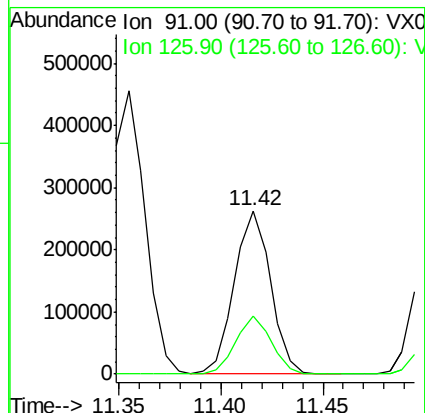
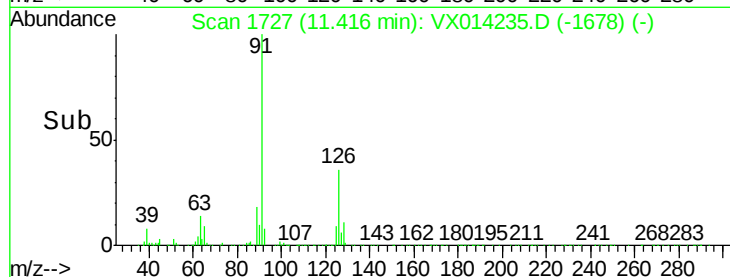
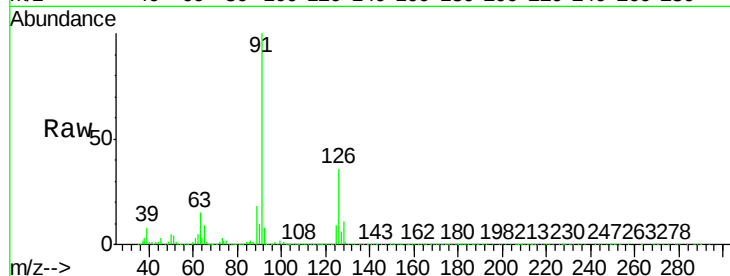
VX1224WBS01

Tgt Ion: 91 Resp: 320917

Ion Ratio Lower Upper

91 100

126 35.4 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 19.468 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014235.D

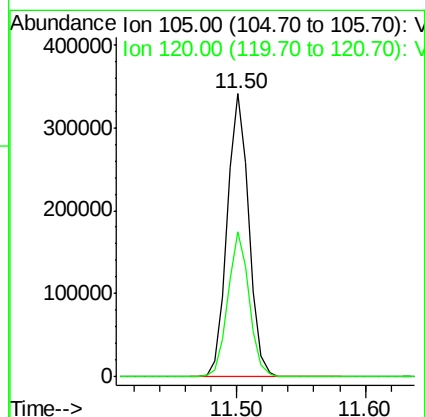
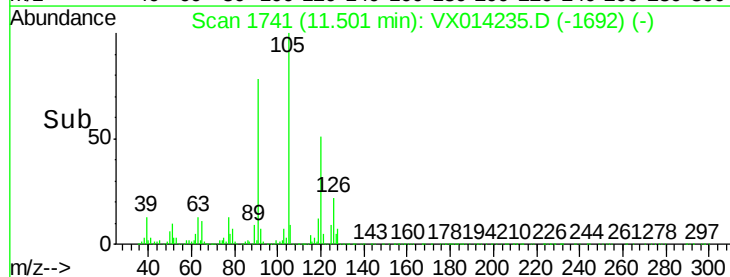
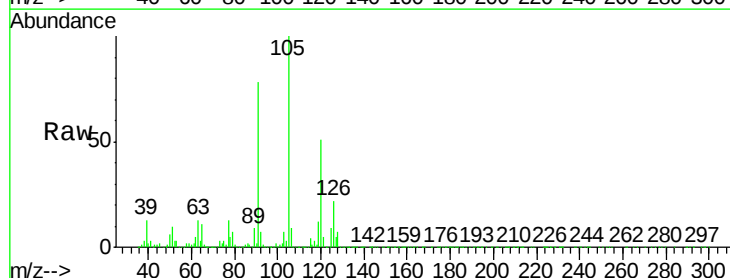
Acq: 24 Dec 2019 11:09

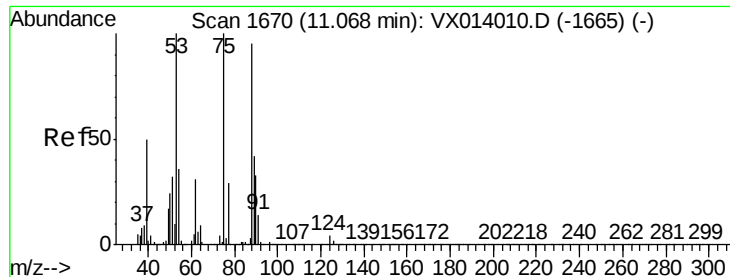
Tgt Ion: 105 Resp: 402700

Ion Ratio Lower Upper

105 100

120 50.1 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.867 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

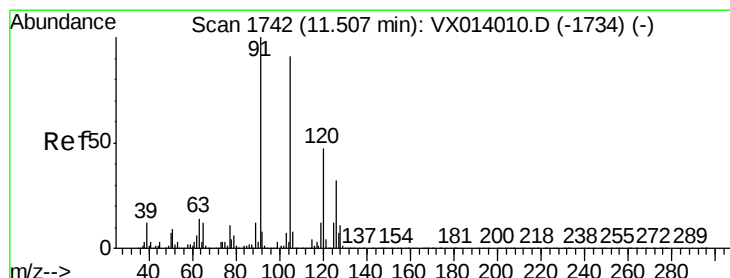
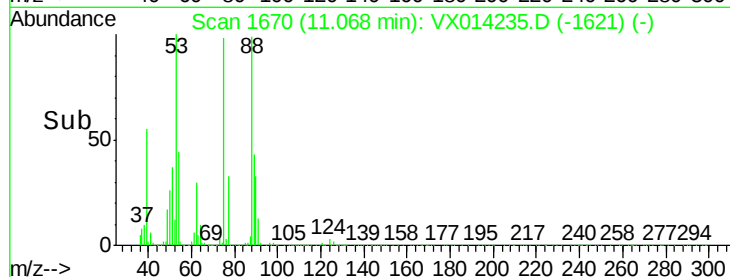
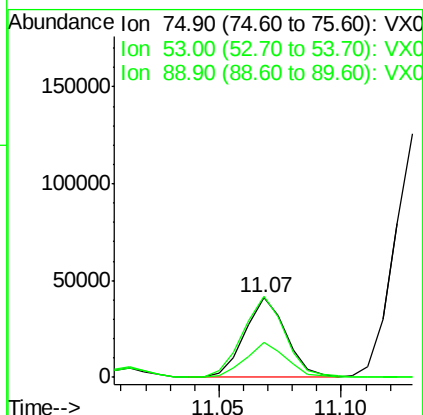
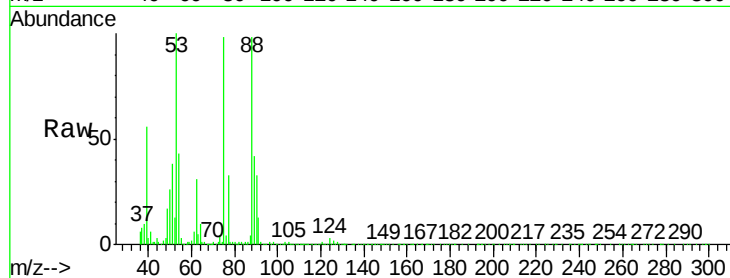
Tgt Ion: 75 Resp: 47972

Ion Ratio Lower Upper

75 100

53 103.3 76.7 115.1

89 44.5 34.6 51.8



#82

4-Chlorotoluene

Concen: 19.050 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014235.D

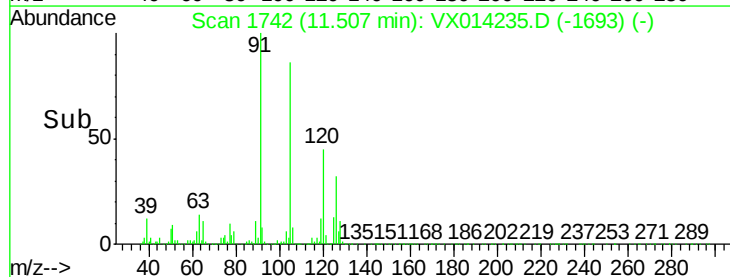
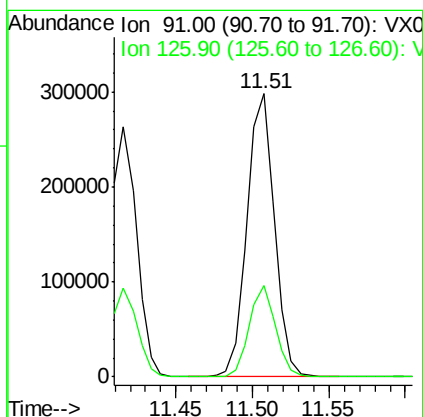
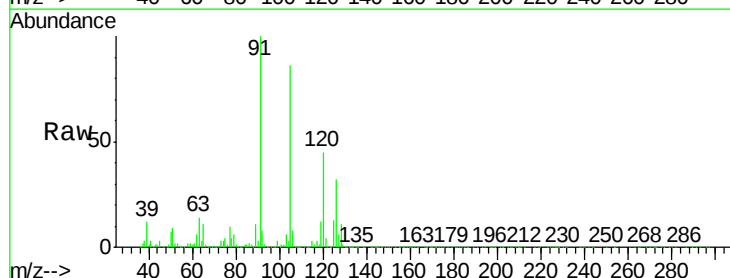
Acq: 24 Dec 2019 11:09

Tgt Ion: 91 Resp: 370320

Ion Ratio Lower Upper

91 100

126 30.8 15.6 46.8

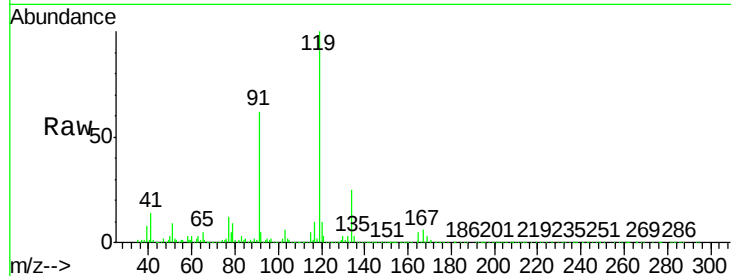




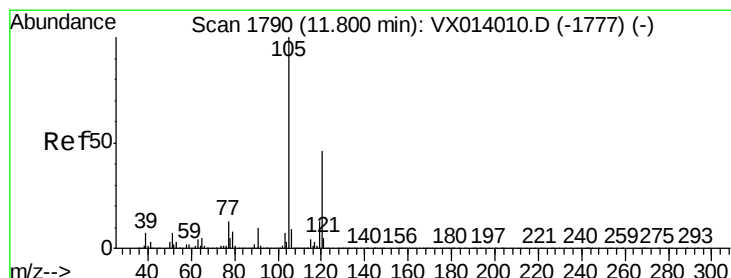
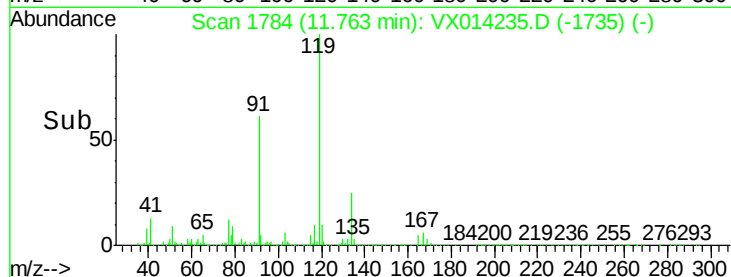
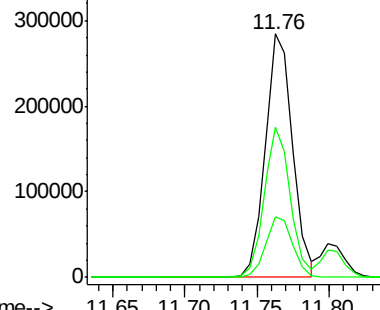
#83
 tert-Butylbenzene
 Concen: 18.706 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014235.D
 Acq: 24 Dec 2019 11:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBS01

Tgt Ion	Ratio	Lower	Upper
119	100		
91	59.0	28.5	85.6
134	24.6	12.2	36.6

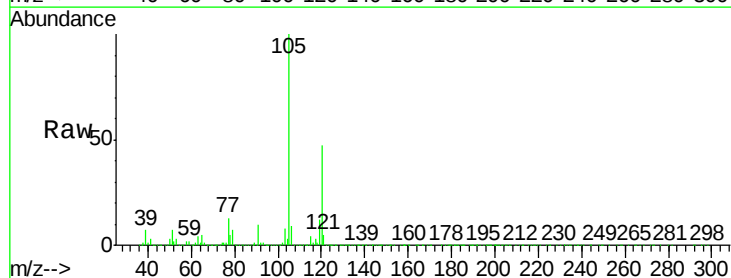


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

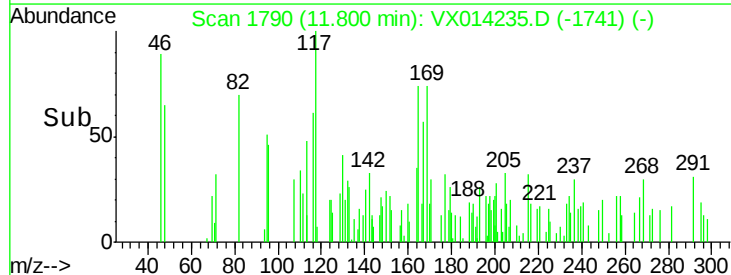
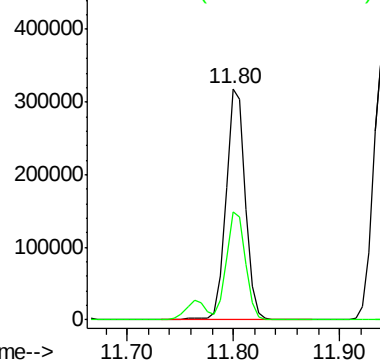


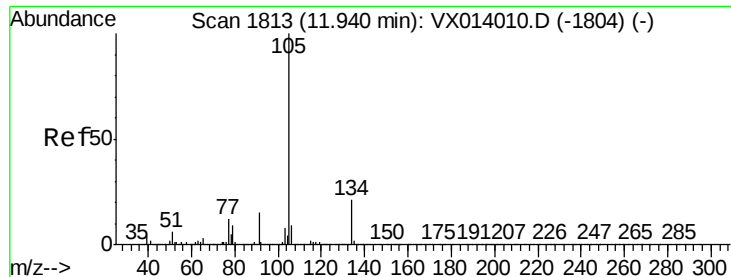
#84
 1,2,4-Trimethylbenzene
 Concen: 19.311 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX014235.D
 Acq: 24 Dec 2019 11:09

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.1	69.2



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.813 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

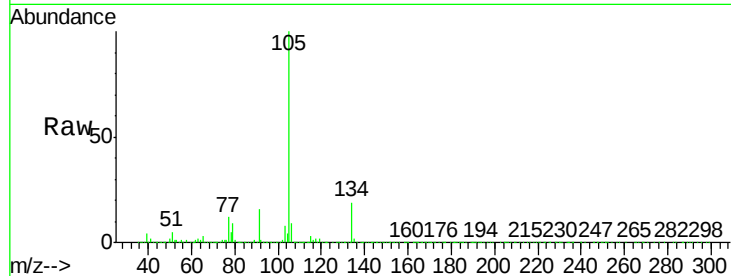
VX1224WBS01

Tgt Ion:105 Resp: 470842

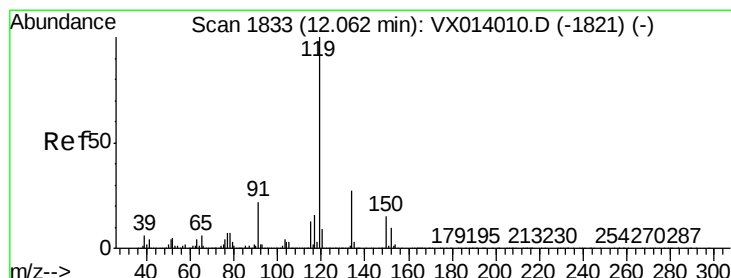
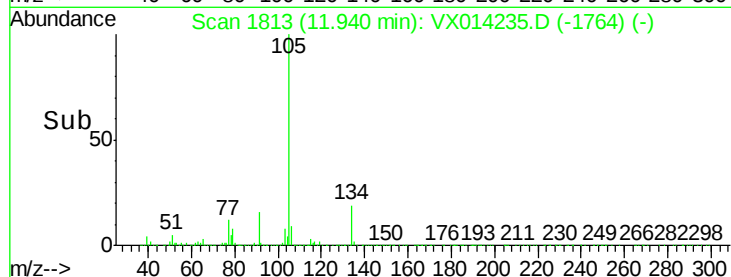
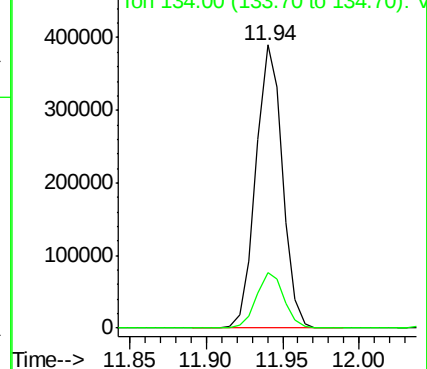
Ion Ratio Lower Upper

105 100

134 20.3 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V



#86

p-Isopropyltoluene

Concen: 19.480 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

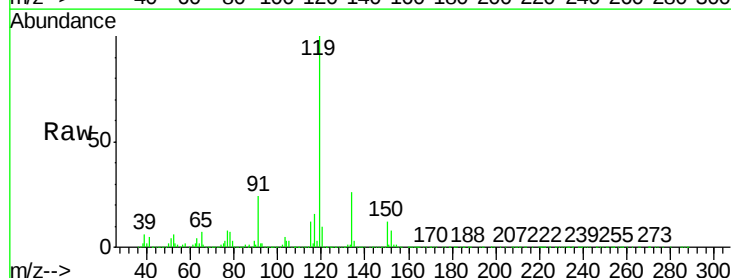
Tgt Ion:119 Resp: 423450

Ion Ratio Lower Upper

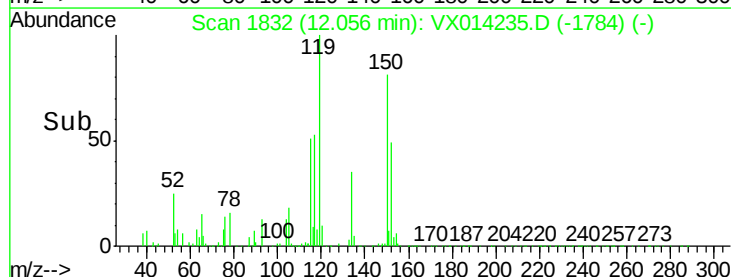
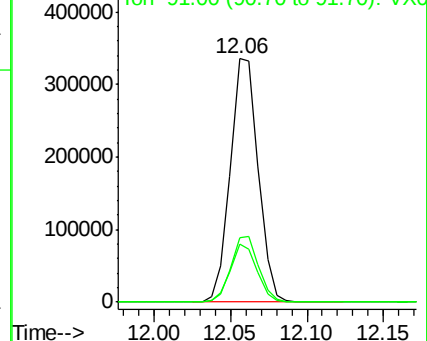
119 100

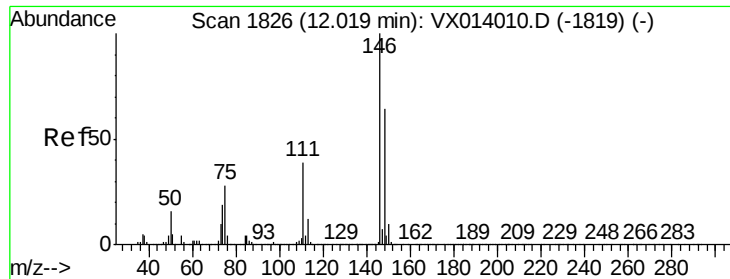
134 26.7 13.4 40.1

91 22.9 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V





#87

1,3-Dichlorobenzene

Concen: 18.339 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

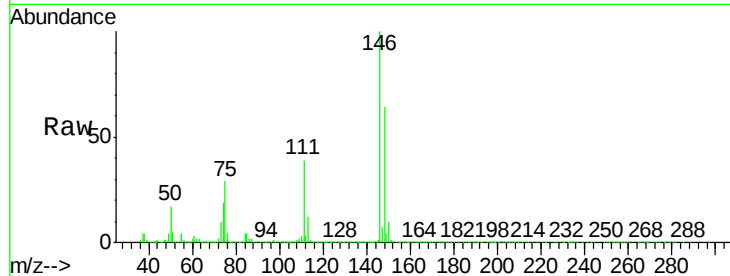
Tgt Ion:146 Resp: 217343

Ion Ratio Lower Upper

146 100

111 38.7 19.1 57.1

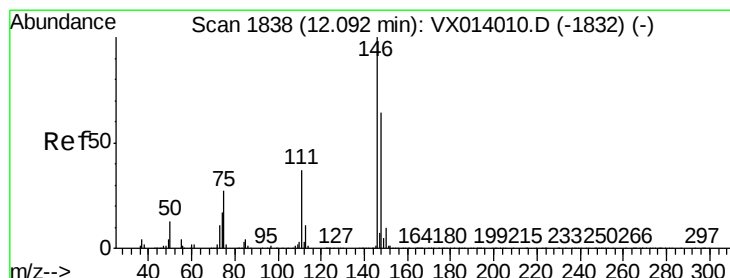
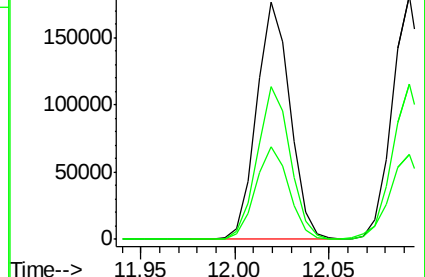
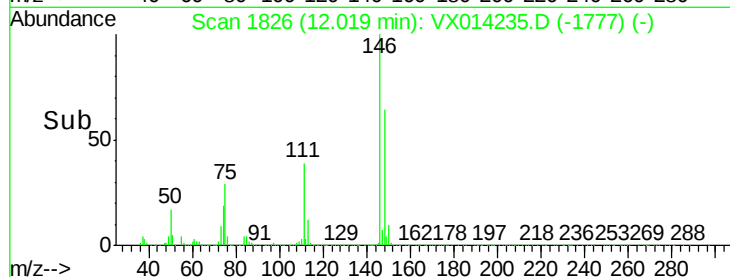
148 63.5 32.3 96.9



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: 18.276 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

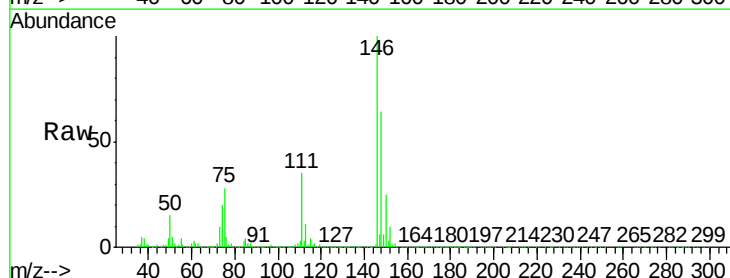
Tgt Ion:146 Resp: 220243

Ion Ratio Lower Upper

146 100

111 37.0 18.7 56.1

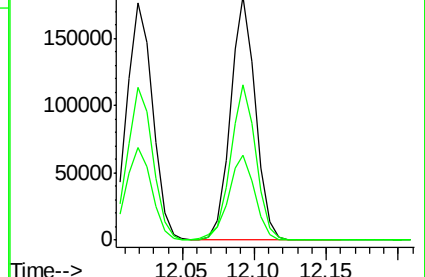
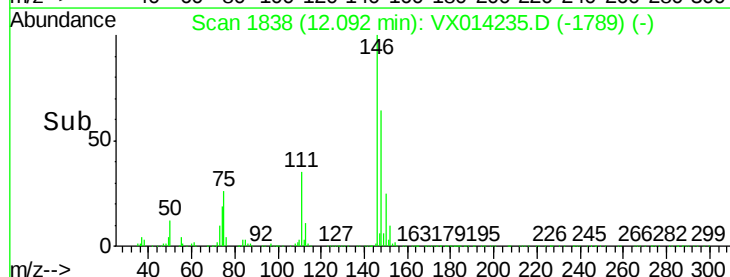
148 64.2 31.9 95.9

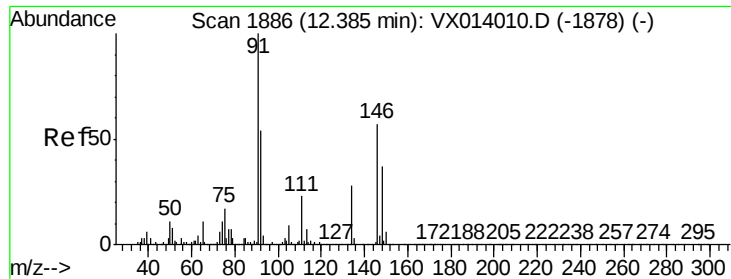


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

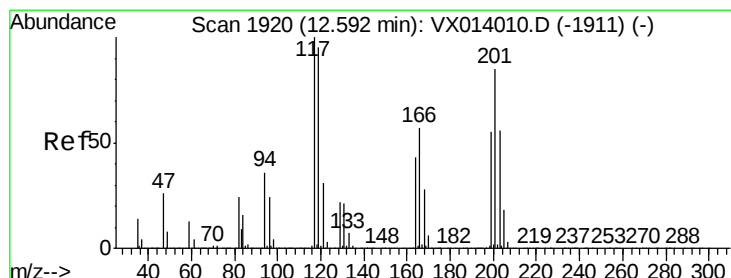
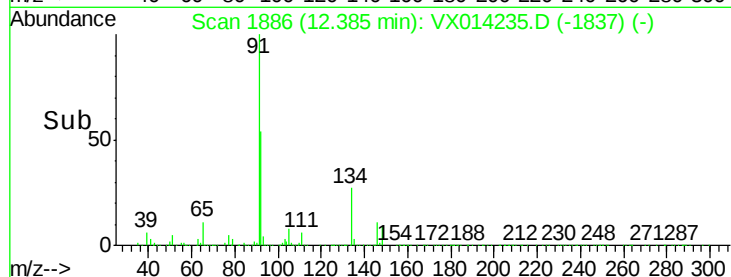
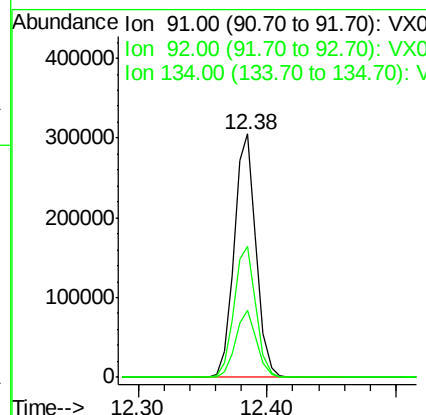
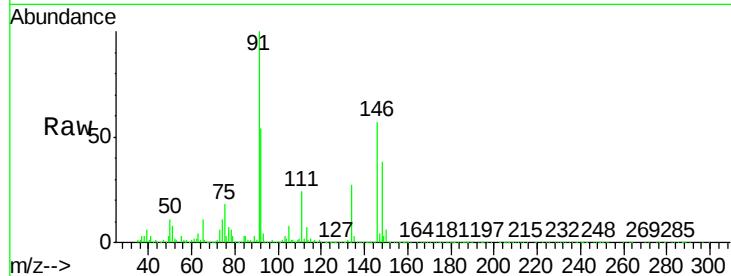




#89
n-Butylbenzene
Concen: 19.496 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

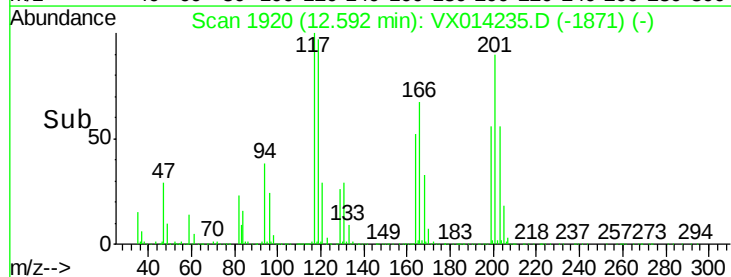
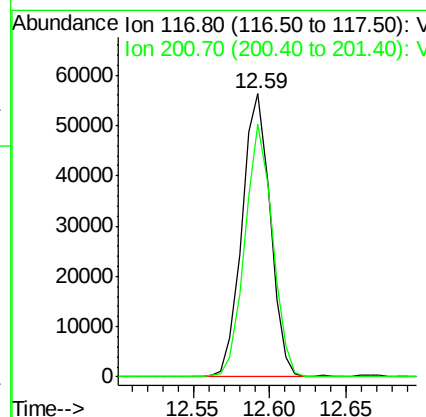
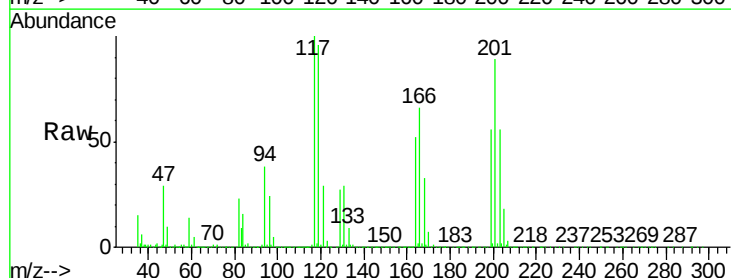
Instrument :
MSVOA_X
ClientSampleId :
VX1224WBS01

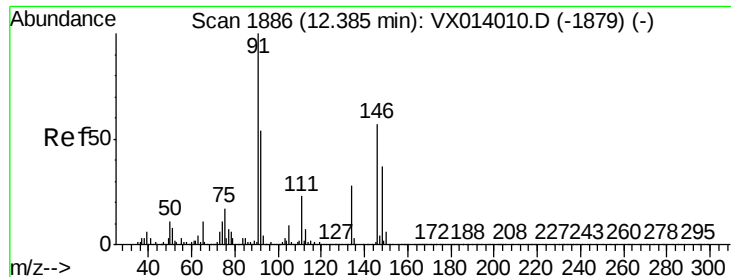
Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.2	81.6
134	26.6	13.4	40.1



#90
Hexachloroethane
Concen: 18.431 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.6	43.1	129.3





#91

1,2-Dichlorobenzene

Concen: 18.320 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

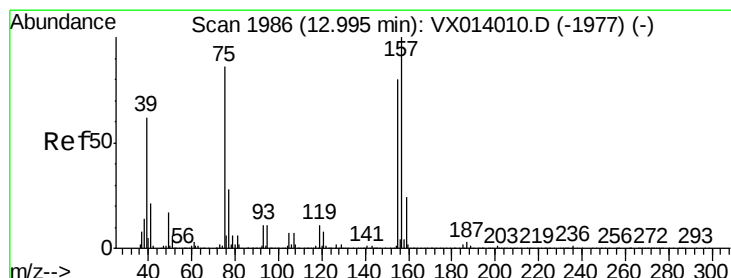
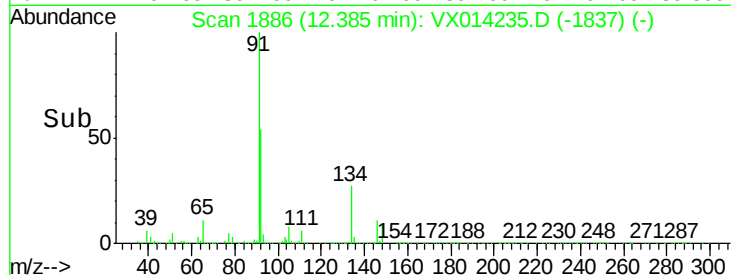
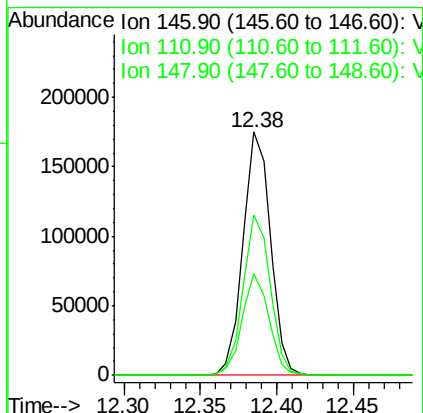
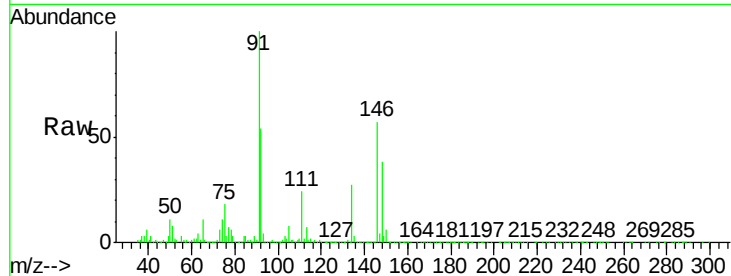
Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

Tgt Ion:	146	Resp:	218566
Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.7	59.1
148	64.8	32.1	96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.300 ug/l

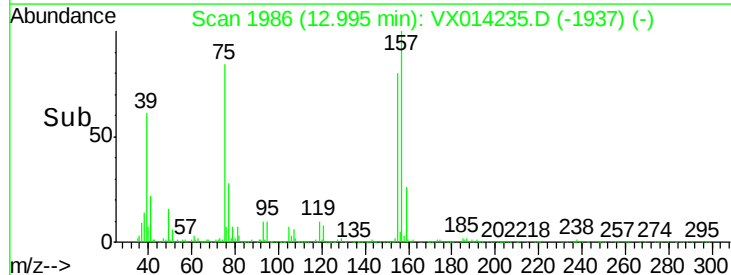
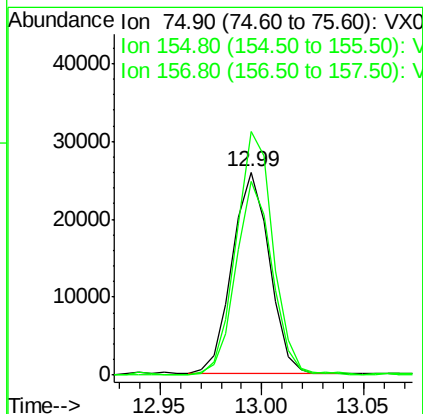
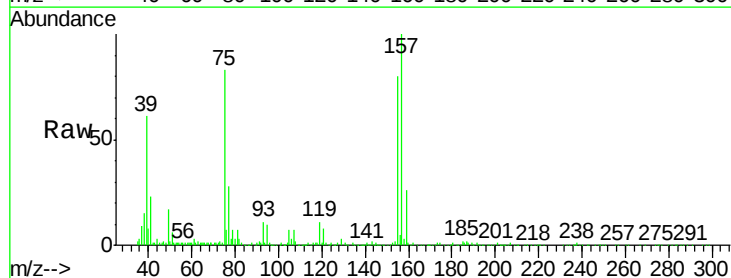
RT: 12.99 min Scan# 1986

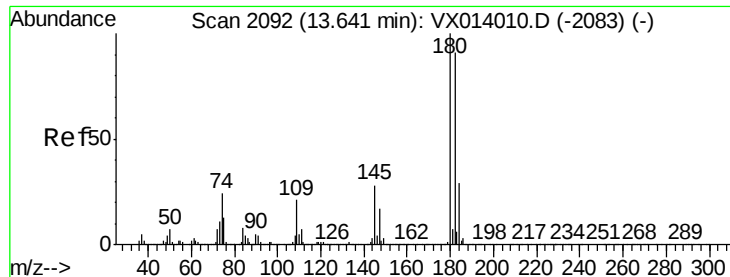
Delta R.T. 0.00 min

Lab File: VX014235.D

Acq: 24 Dec 2019 11:09

Tgt Ion:	75	Resp:	32622
Ion	Ratio	Lower	Upper
75	100		
155	93.4	46.9	140.6
157	121.3	60.8	182.4

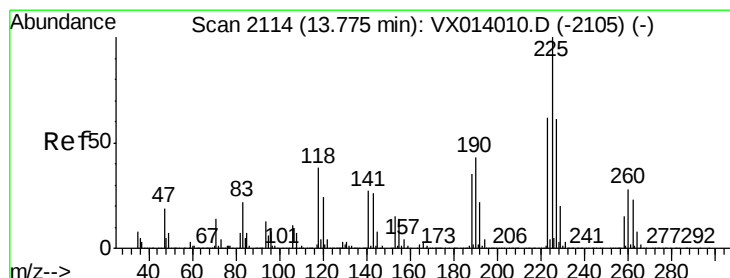
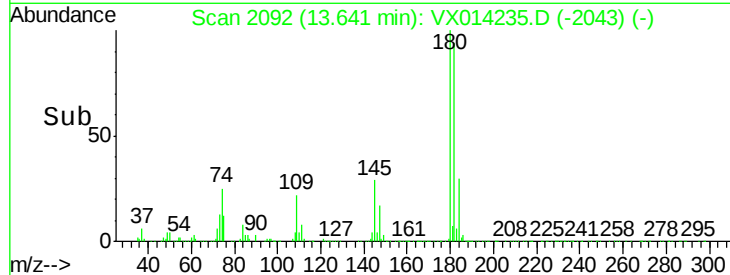
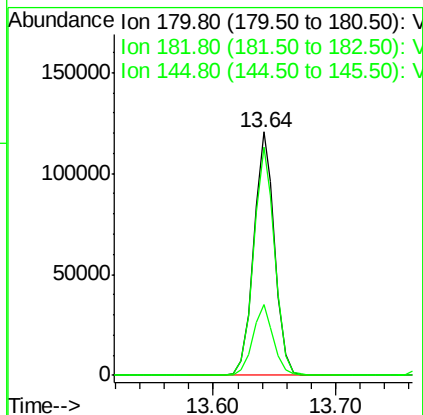
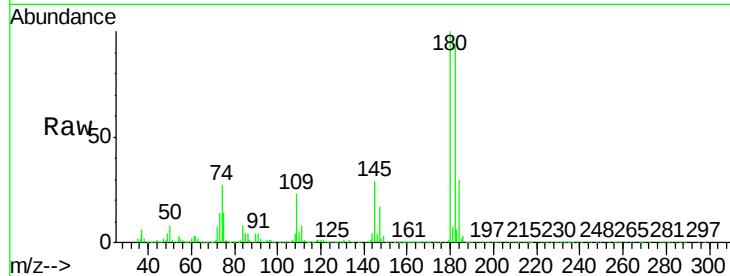




#93
 1,2,4-Trichlorobenzene
 Concen: 18.505 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014235.D
 Acq: 24 Dec 2019 11:09

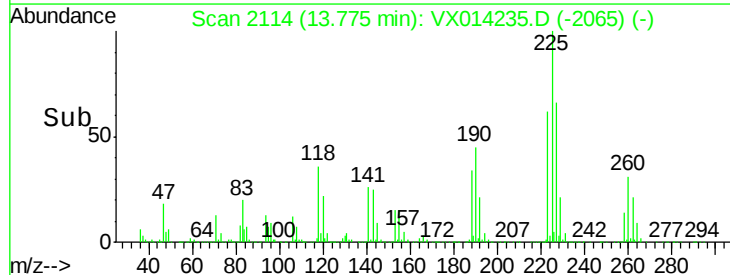
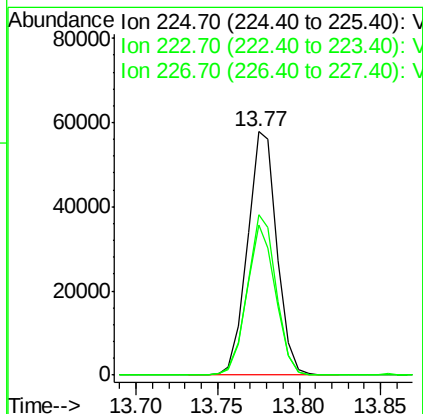
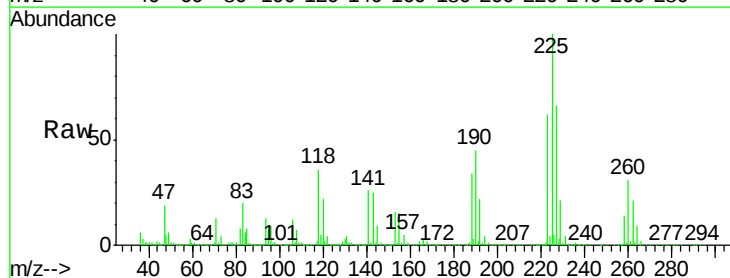
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBS01

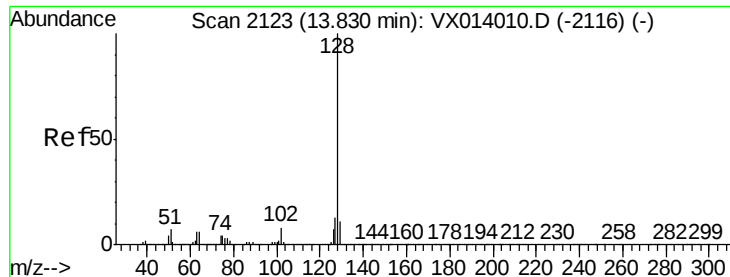
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	46.6	139.8
145	28.5	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 19.511 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014235.D
 Acq: 24 Dec 2019 11:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.4	30.9	92.5
227	64.5	30.9	92.7

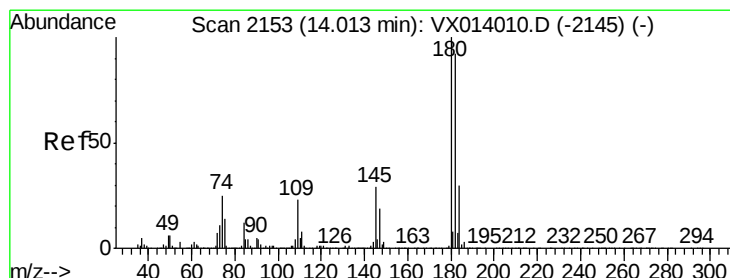
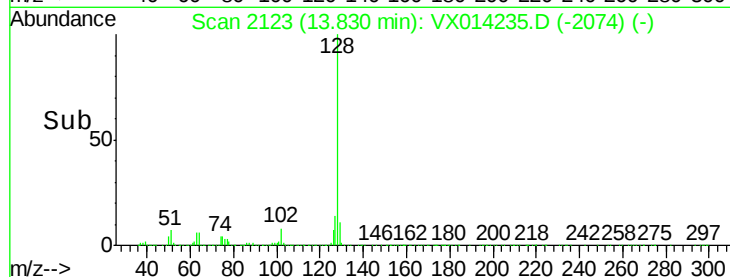
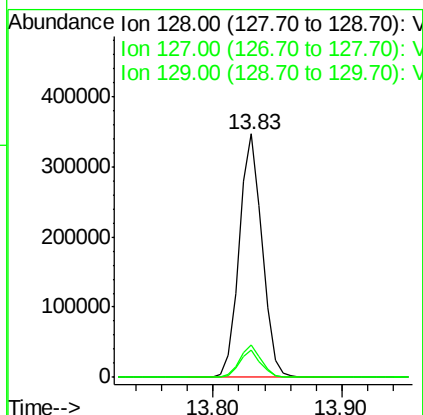
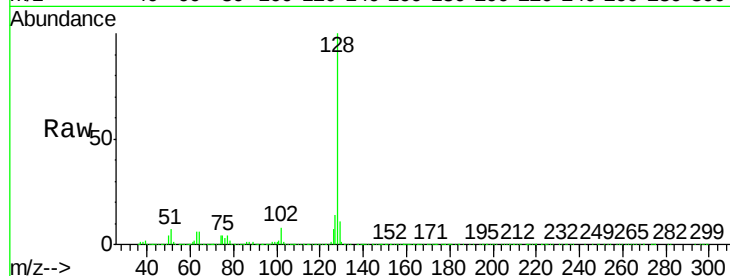




#95
Naphthalene
Concen: 18.601 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBS01

Tgt Ion:128 Resp: 423778
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.694 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014235.D
Acq: 24 Dec 2019 11:09

Tgt Ion:180 Resp: 143098
Ion Ratio Lower Upper
180 100
182 97.5 46.8 140.3
145 30.2 14.8 44.4

