

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122419\
 Data File : VX014236.D
 Acq On : 24 Dec 2019 11:45
 Operator : JC/SP
 Sample : VX1224MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224MBS01

Quant Time: Dec 25 05:38:24 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	498665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	757106	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	684569	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	338315	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	284428	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
35) Dibromofluoromethane	5.48	113	230633	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
50) Toluene-d8	8.71	98	888802	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
62) 4-Bromofluorobenzene	11.13	95	317902	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	75728	16.975	ug/l 96
3) Chloromethane	1.32	50	104862	17.515	ug/l 100
4) Vinyl Chloride	1.40	62	110779	17.536	ug/l 99
5) Bromomethane	1.63	94	67472	15.048	ug/l 99
6) Chloroethane	1.72	64	72606	18.622	ug/l 98
7) Trichlorofluoromethane	1.92	101	144554	18.484	ug/l 98
8) Diethyl Ether	2.18	74	67322	18.343	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	89827	19.055	ug/l 99
10) Methyl Iodide	2.50	142	98317	17.607	ug/l 100
11) Tert butyl alcohol	3.02	59	114338	93.628	ug/l 98
12) 1,1-Dichloroethene	2.36	96	85596	17.844	ug/l 98
13) Acrolein	2.28	56	66852	95.632	ug/l 99
14) Allyl chloride	2.72	41	160675	18.760	ug/l 98
15) Acrylonitrile	3.12	53	279898	98.197	ug/l 100
16) Acetone	2.43	43	336043	91.586	ug/l 99
17) Carbon Disulfide	2.56	76	218435	16.907	ug/l 97
18) Methyl Acetate	2.76	43	143573	19.747	ug/l 99
19) Methyl tert-butyl Ether	3.18	73	310397	19.692	ug/l 98
20) Methylene Chloride	2.84	84	107714	18.642	ug/l 98
21) trans-1,2-Dichloroethene	3.16	96	95832	18.134	ug/l 94
22) Diisopropyl ether	3.84	45	337333	19.765	ug/l 95
23) Vinyl Acetate	3.80	43	1325029	95.136	ug/l 99
24) 1,1-Dichloroethane	3.69	63	177786	18.723	ug/l 100
25) 2-Butanone	4.65	43	431429	95.372	ug/l 99
26) 2,2-Dichloropropane	4.57	77	133458	18.102	ug/l 100
27) cis-1,2-Dichloroethene	4.58	96	112941	18.897	ug/l 98
28) Bromochloromethane	5.00	49	80347	22.256	ug/l 98
29) Tetrahydrofuran	5.11	42	251048	99.221	ug/l 99
30) Chloroform	5.20	83	174625	19.400	ug/l 99
31) Cyclohexane	5.57	56	156993	18.589	ug/l 94
32) 1,1,1-Trichloroethane	5.48	97	137839	17.967	ug/l 98
36) 1,1-Dichloropropene	5.79	75	126050	18.145	ug/l 99
37) Ethyl Acetate	4.81	43	155906	20.323	ug/l 98
38) Carbon Tetrachloride	5.78	117	118934	18.793	ug/l 98

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 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)
39) Methylcyclohexane	7.45	83	157117	18.317	ug/l	95
40) Benzene	6.13	78	399331	18.682	ug/l	98
41) Methacrylonitrile	5.02	41	85076	19.988	ug/l	98
42) 1,2-Dichloroethane	6.18	62	141213	19.490	ug/l	99
43) Isopropyl Acetate	6.43	43	245069	19.303	ug/l	100
44) Trichloroethene	7.20	130	109797	18.597	ug/l	100
45) 1,2-Dichloropropane	7.50	63	105790	19.310	ug/l	94
46) Dibromomethane	7.65	93	68298	18.856	ug/l	99
47) Bromodichloromethane	7.89	83	130701	19.159	ug/l	99
48) Methyl methacrylate	7.76	41	120270	19.346	ug/l	99
49) 1,4-Dioxane	7.73	88	49493	391.213	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	773120	96.966	ug/l	99
52) Toluene	8.78	92	251720	18.632	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	142053	18.991	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	162590	19.511	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	105880	19.554	ug/l	98
56) Ethyl methacrylate	9.17	69	163579	19.232	ug/l	99
57) 1,3-Dichloropropane	9.36	76	180346	19.796	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	329735	102.438	ug/l	100
59) 2-Hexanone	9.48	43	612250	95.390	ug/l	99
60) Dibromochloromethane	9.57	129	103986	19.320	ug/l	99
61) 1,2-Dibromoethane	9.67	107	109684	19.798	ug/l	98
64) Tetrachloroethene	9.33	164	131004	21.626	ug/l	97
65) Chlorobenzene	10.13	112	276719	19.011	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	98752	19.001	ug/l	99
67) Ethyl Benzene	10.25	91	471612	18.846	ug/l	98
68) m/p-Xylenes	10.36	106	359308	37.332	ug/l	99
69) o-Xylene	10.69	106	177250	18.777	ug/l	100
70) Styrene	10.71	104	297327	18.627	ug/l	99
71) Bromoform	10.85	173	76783	18.379	ug/l #	99
73) Isopropylbenzene	11.01	105	469949	19.729	ug/l	100
74) N-amyl acetate	10.89	43	208273	18.653	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	156948	19.005	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	175045	23.833	ug/l	91
77) Bromobenzene	11.25	156	122020	18.618	ug/l	98
78) n-propylbenzene	11.35	91	522090	19.541	ug/l	99
79) 2-Chlorotoluene	11.42	91	313493	19.302	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	384940	19.202	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	46788	17.980	ug/l	91
82) 4-Chlorotoluene	11.51	91	356743	18.936	ug/l	100
83) tert-Butylbenzene	11.76	119	353259	18.107	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	392594	19.555	ug/l	100
85) sec-Butylbenzene	11.94	105	444634	19.306	ug/l	100
86) p-Isopropyltoluene	12.06	119	406624	19.301	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	212778	18.525	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	216638	18.549	ug/l	100
89) n-Butylbenzene	12.39	91	348716	19.399	ug/l	100
90) Hexachloroethane	12.59	117	67780	17.912	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	217603	18.819	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	31295	17.125	ug/l	97

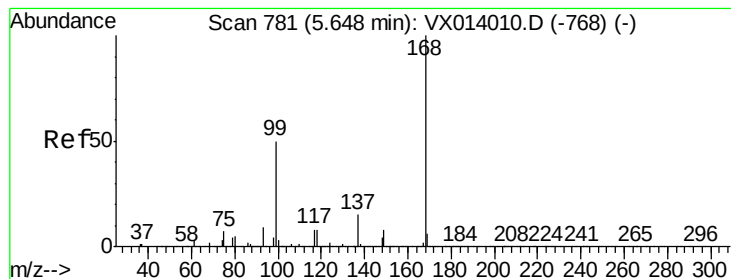
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122419\
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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	139428	18.553	ug/l	97
94) Hexachlorobutadiene	13.78	225	68367	18.929	ug/l	97
95) Naphthalene	13.83	128	416549	18.865	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	138765	18.705	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

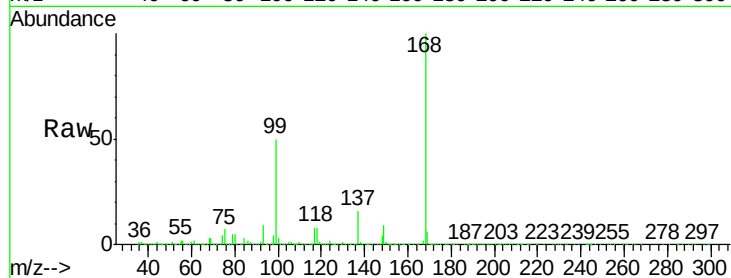
VX1224MBS01

Tgt Ion:168 Resp: 498665

Ion Ratio Lower Upper

168 100

99 49.6 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

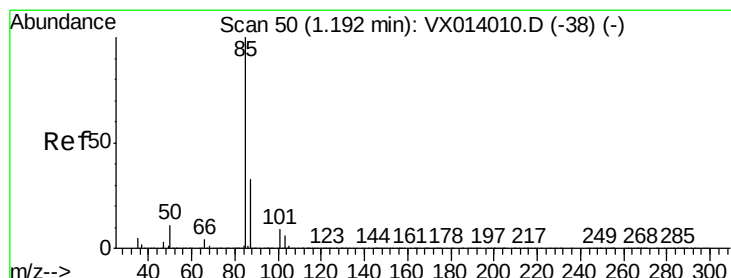
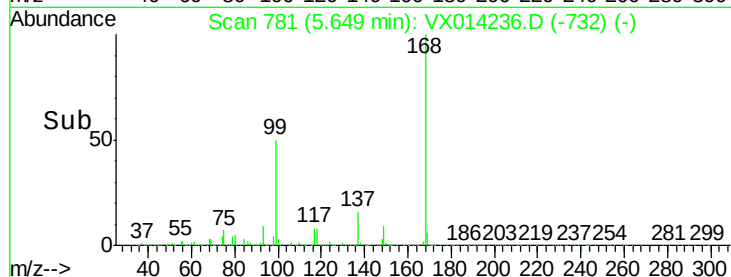
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 16.975 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014236.D

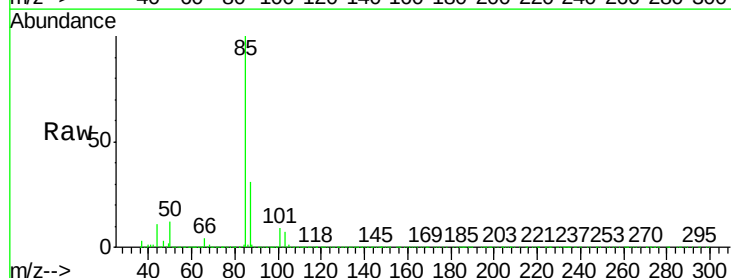
Acq: 24 Dec 2019 11:45

Tgt Ion: 85 Resp: 75728

Ion Ratio Lower Upper

85 100

87 30.7 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

60000

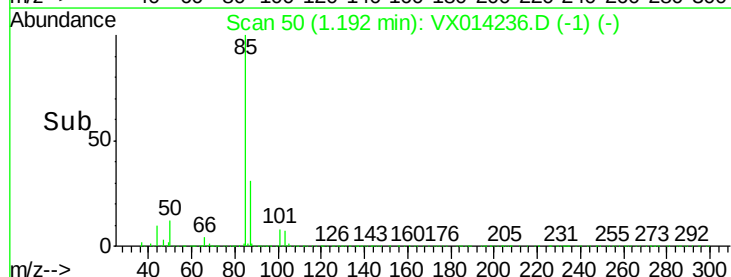
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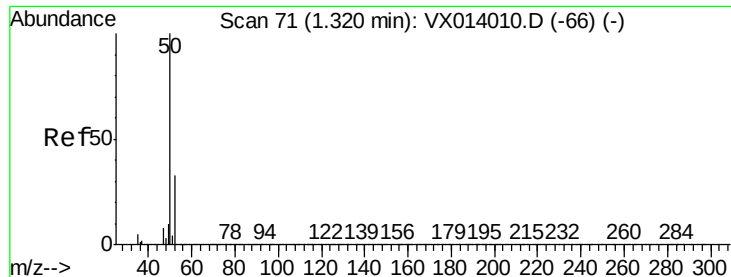
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 17.515 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

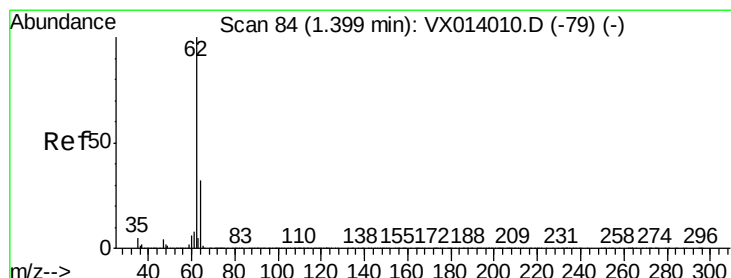
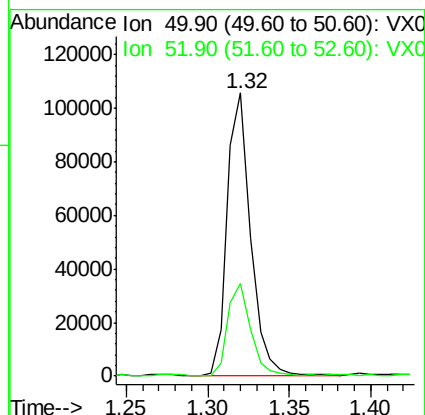
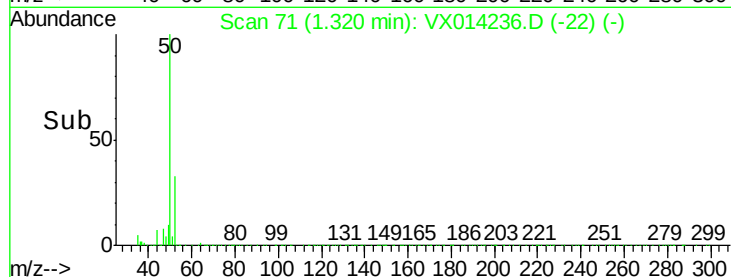
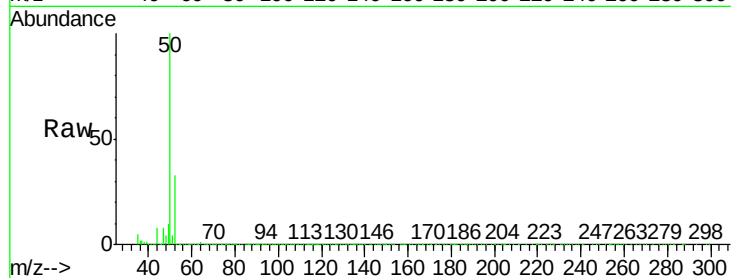
VX1224MBS01

Tgt Ion: 50 Resp: 104862

Ion Ratio Lower Upper

50 100

52 32.8 26.2 39.4



#4

Vinyl Chloride

Concen: 17.536 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014236.D

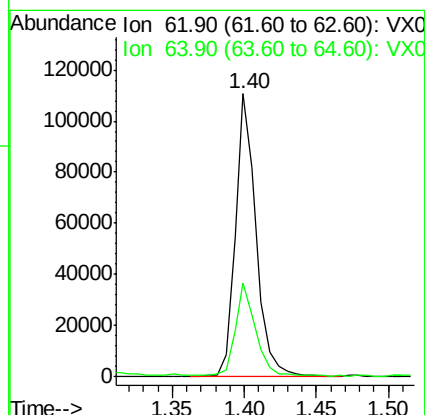
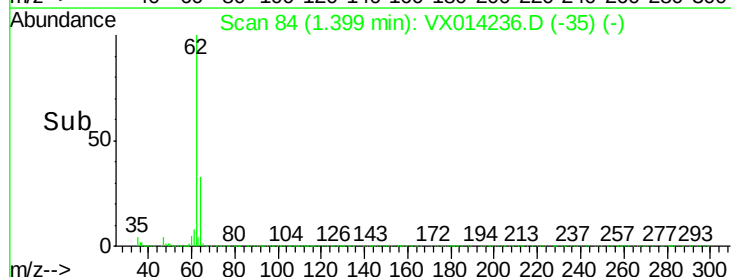
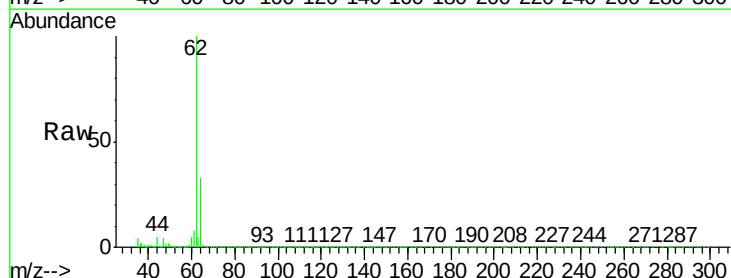
Acq: 24 Dec 2019 11:45

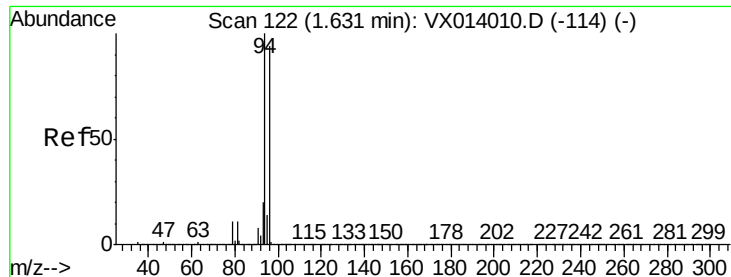
Tgt Ion: 62 Resp: 110779

Ion Ratio Lower Upper

62 100

64 32.7 25.7 38.5





#5

Bromomethane

Concen: 15.048 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

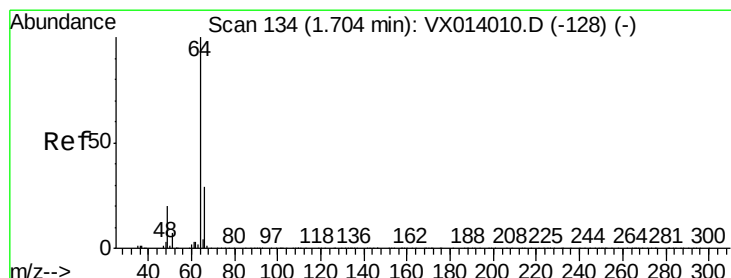
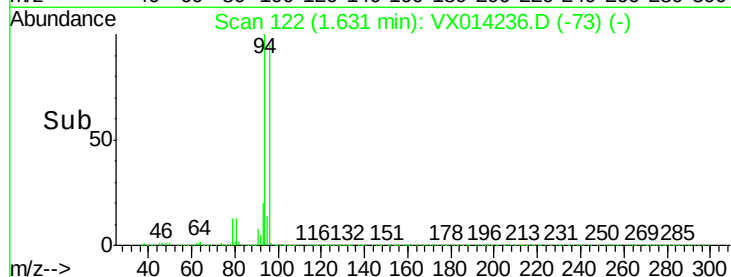
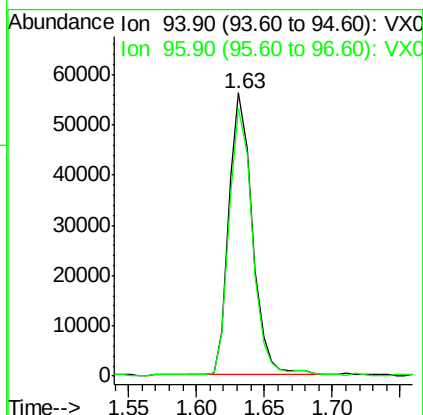
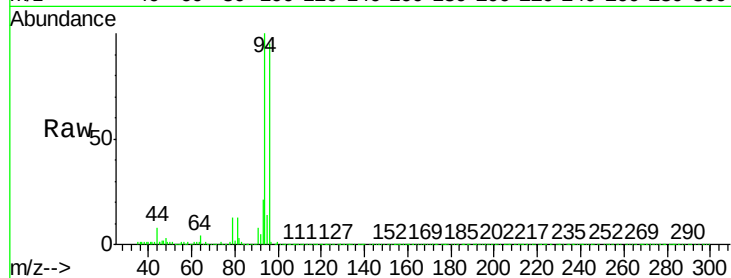
VX1224MBS01

Tgt Ion: 94 Resp: 67472

Ion Ratio Lower Upper

94 100

96 94.7 75.2 112.8



#6

Chloroethane

Concen: 18.622 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014236.D

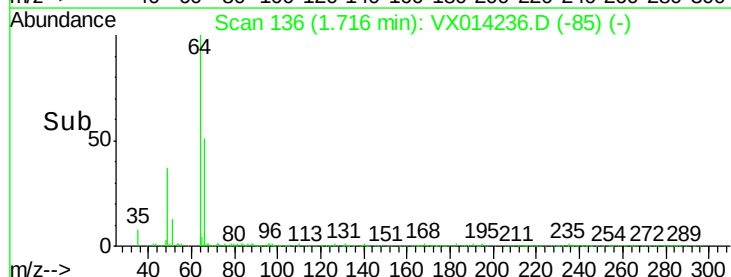
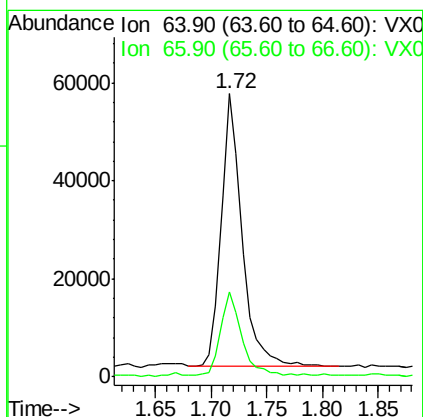
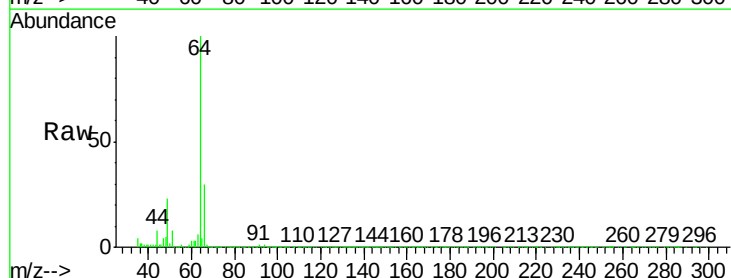
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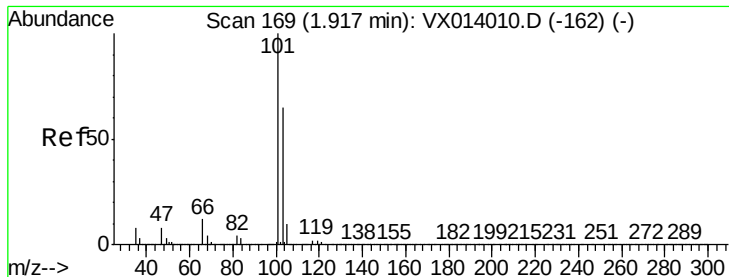
Tgt Ion: 64 Resp: 72606

Ion Ratio Lower Upper

64 100

66 30.5 23.4 35.2



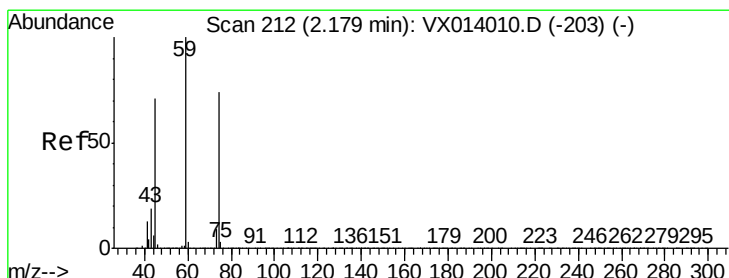
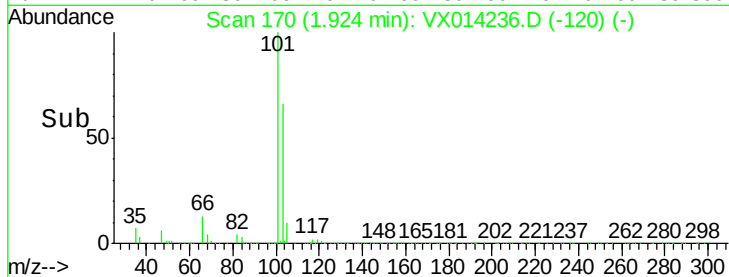
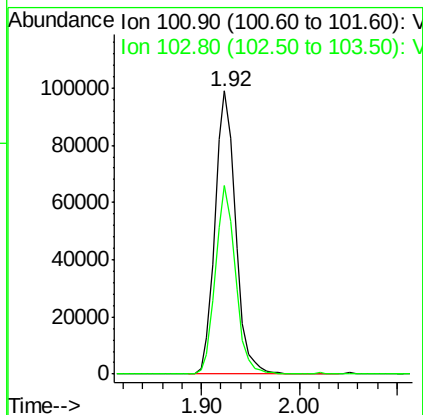
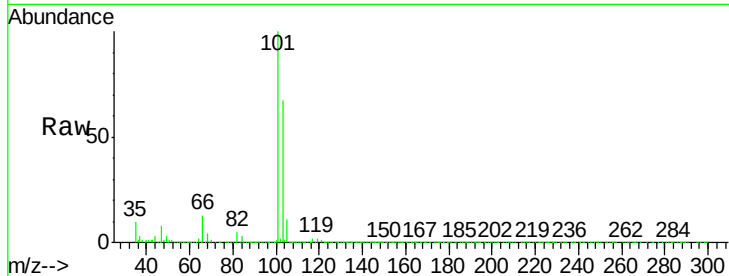


#7

Trichlorofluoromethane
 Concen: 18.484 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX014236.D
 Acq: 24 Dec 2019 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224MBS01

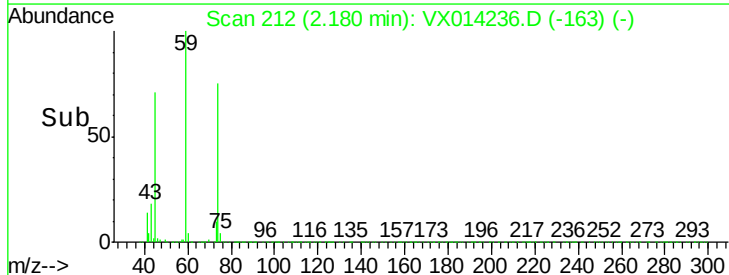
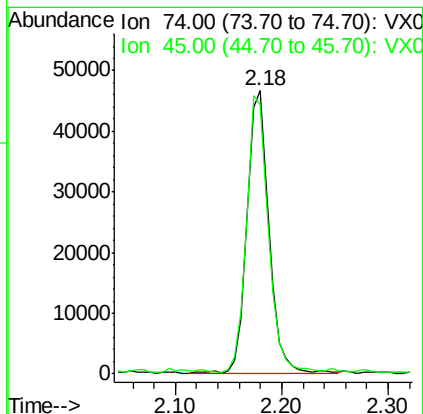
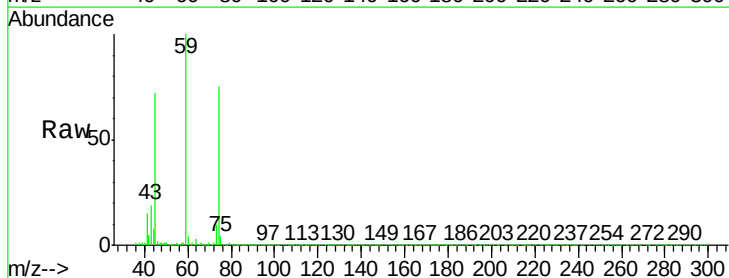
Tgt Ion:101 Resp: 144554
 Ion Ratio Lower Upper
 101 100
 103 66.5 52.2 78.4

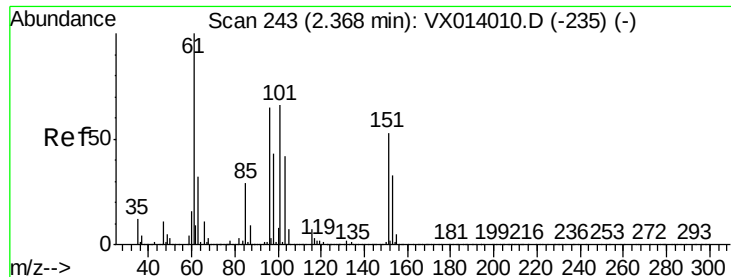


#8

Diethyl Ether
 Concen: 18.343 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX014236.D
 Acq: 24 Dec 2019 11:45

Tgt Ion: 74 Resp: 67322
 Ion Ratio Lower Upper
 74 100
 45 97.2 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.055 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

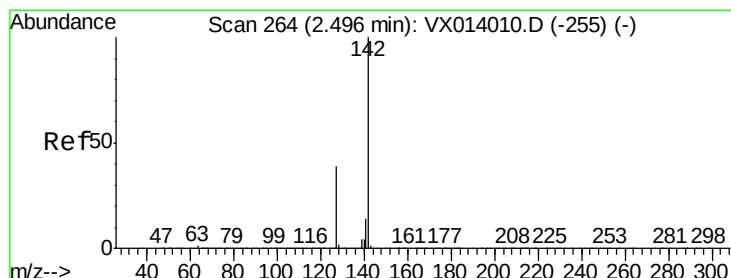
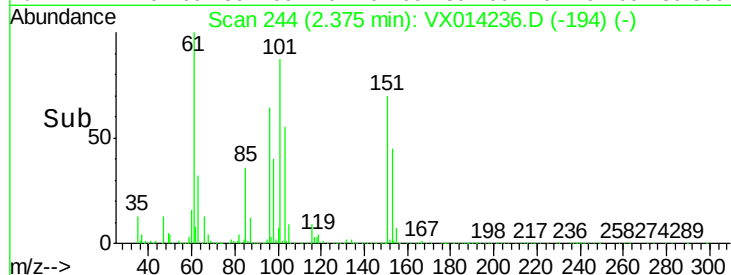
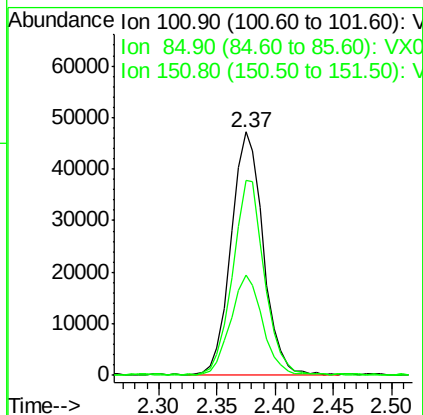
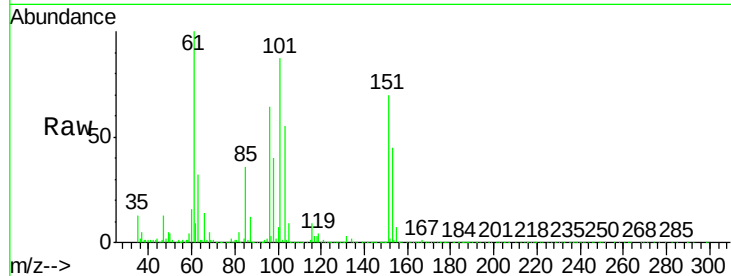
Instrument :

MSVOA_X

ClientSampleId :

VX1224MBS01

Tgt Ion:	101	Resp:	89827
Ion	Ratio	Lower	Upper
101	100		
85	41.2	33.7	50.5
151	80.3	64.5	96.7



#10

Methyl Iodide

Concen: 17.607 ug/l

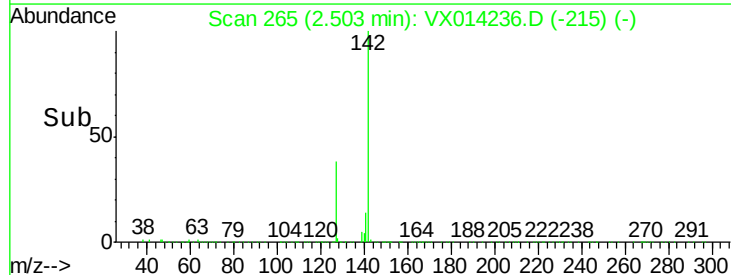
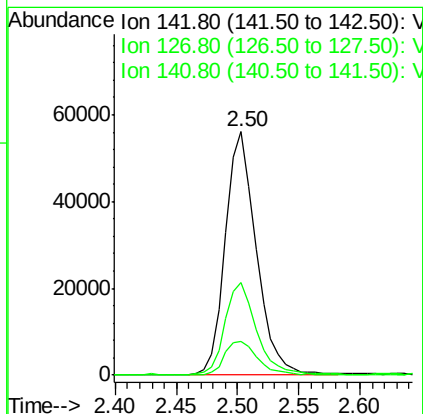
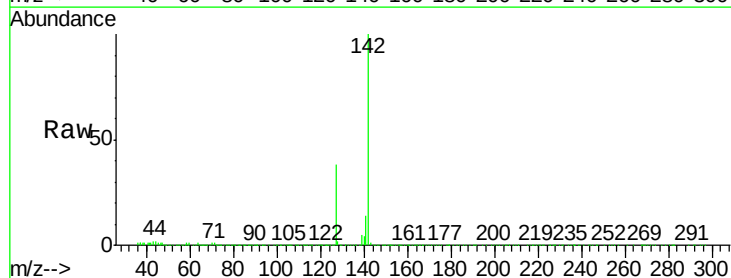
RT: 2.50 min Scan# 265

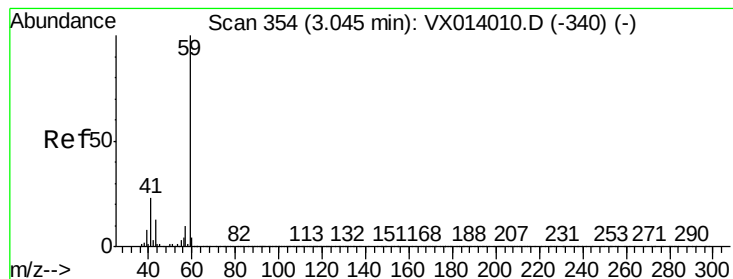
Delta R.T. 0.01 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Tgt Ion:	142	Resp:	98317
Ion	Ratio	Lower	Upper
142	100		
127	39.2	31.6	47.4
141	14.7	11.6	17.4



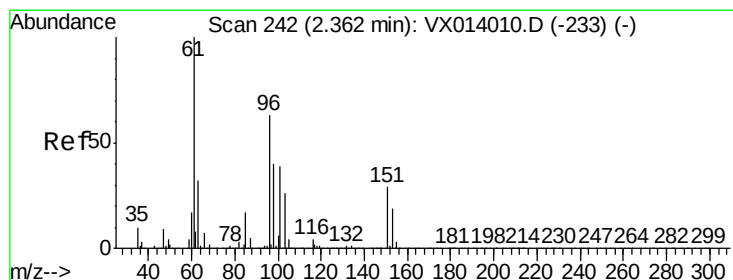
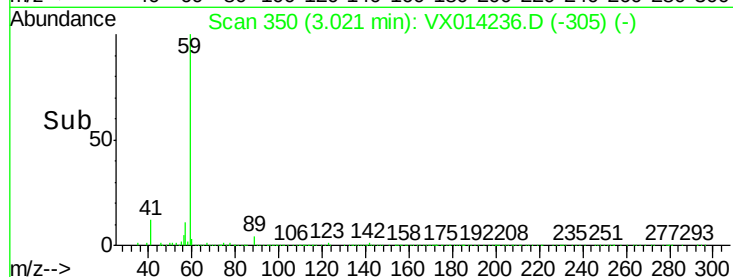
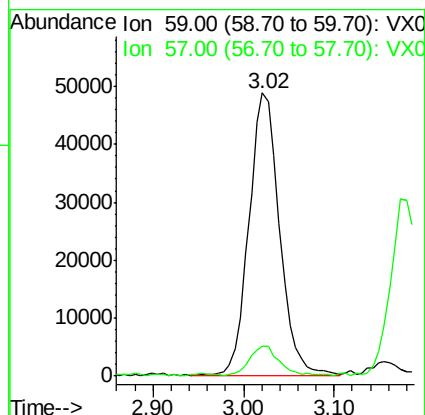
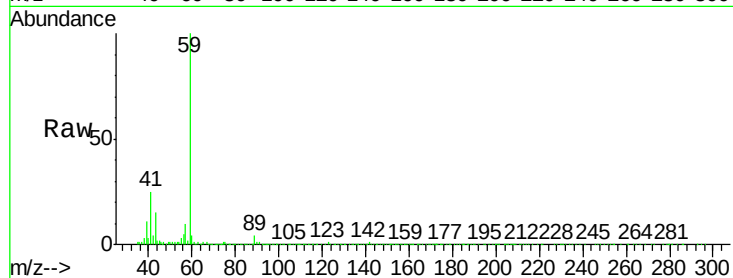


#11

Tert butyl alcohol
Concen: 93.628 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Instrument :
MSVOA_X
ClientSampled :
VX1224MBS01

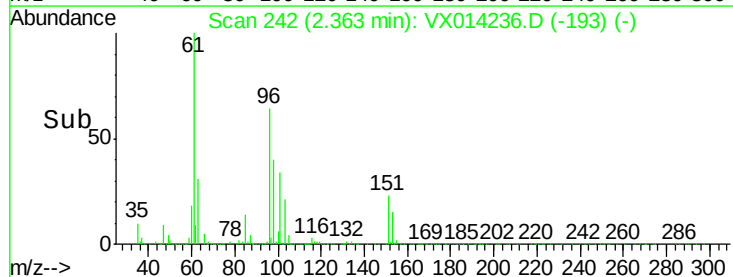
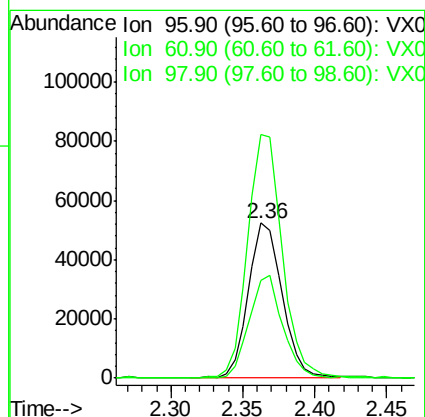
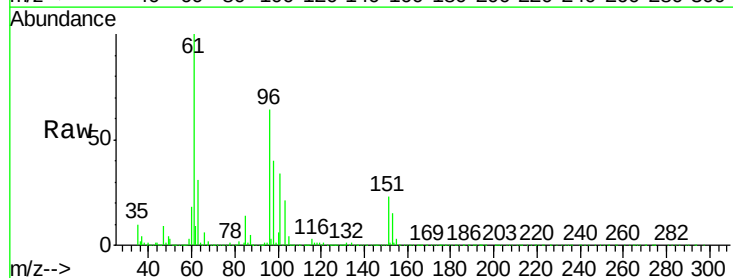
Tgt Ion: 59 Resp: 114338
Ion Ratio Lower Upper
59 100
57 9.8 8.4 12.6

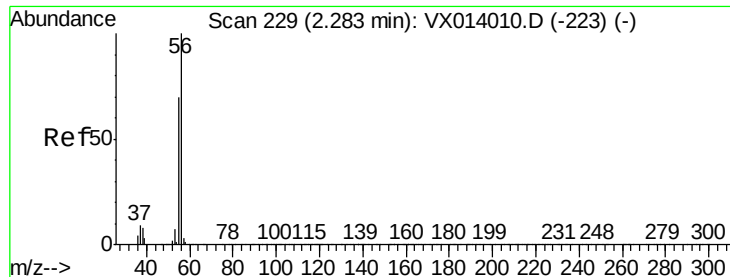


#12

1,1-Dichloroethene
Concen: 17.844 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Tgt Ion: 96 Resp: 85596
Ion Ratio Lower Upper
96 100
61 157.1 127.9 191.9
98 62.4 50.5 75.7





#13

Acrolein

Concen: 95.632 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.01 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

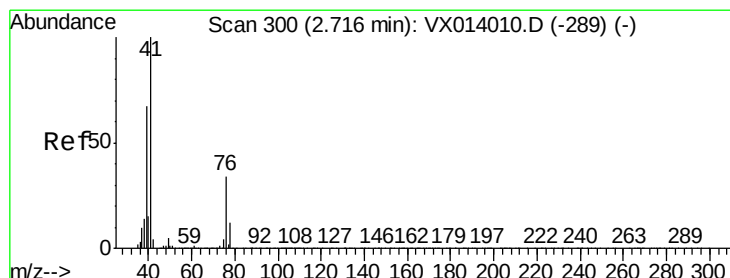
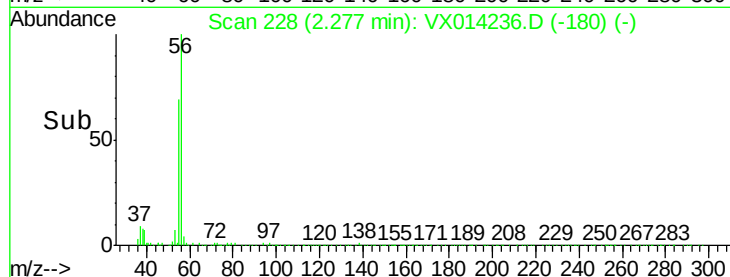
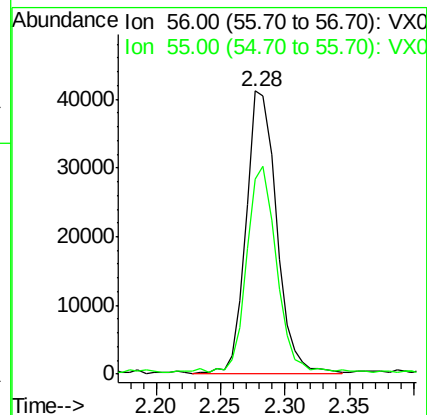
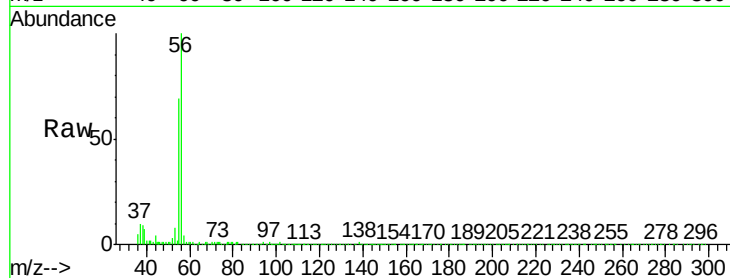
VX1224MBS01

Tgt Ion: 56 Resp: 66852

Ion Ratio Lower Upper

56 100

55 70.5 56.9 85.3



#14

Allyl chloride

Concen: 18.760 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

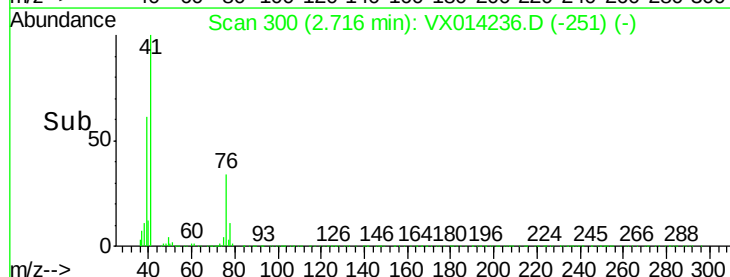
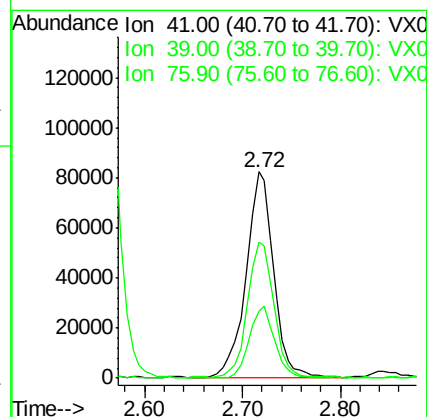
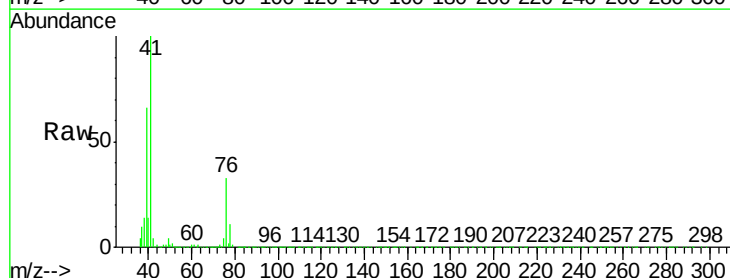
Tgt Ion: 41 Resp: 160675

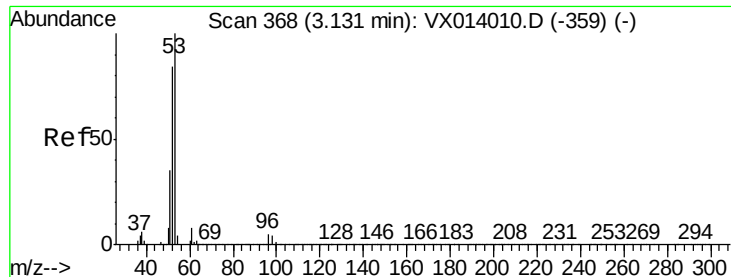
Ion Ratio Lower Upper

41 100

39 62.7 51.8 77.8

76 31.2 25.9 38.9





#15

Acrylonitrile

Concen: 98.197 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX1224MBS01

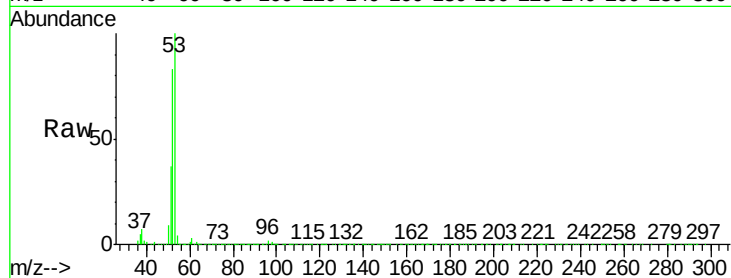
Tgt Ion: 53 Resp: 279898

Ion Ratio Lower Upper

53 100

52 83.3 66.5 99.7

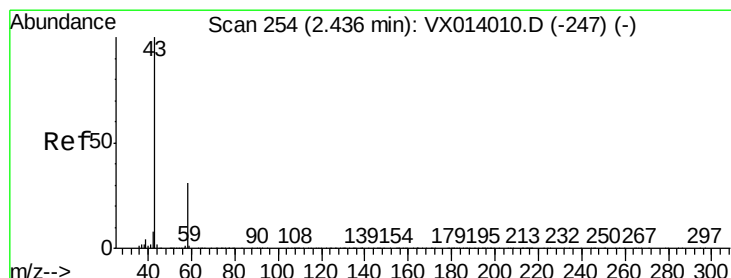
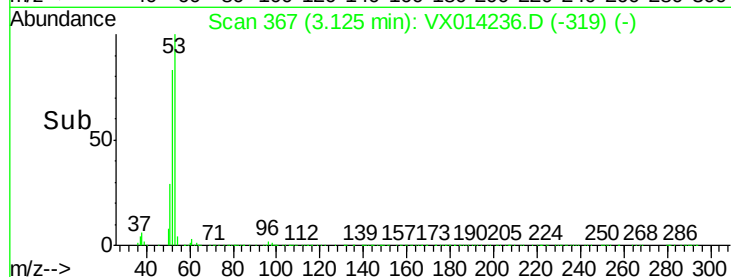
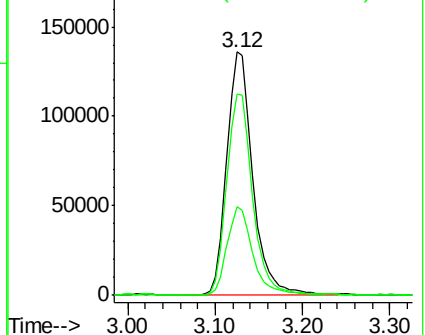
51 35.4 28.1 42.1



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: 91.586 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014236.D

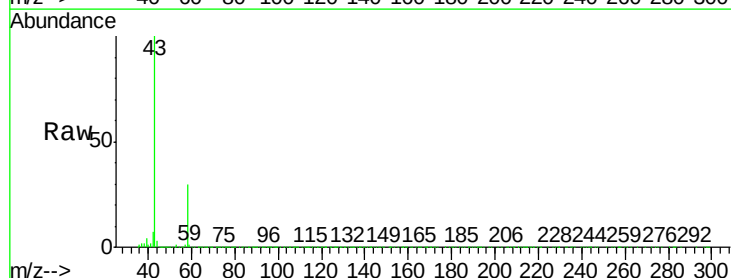
Acq: 24 Dec 2019 11:45

Tgt Ion: 43 Resp: 336043

Ion Ratio Lower Upper

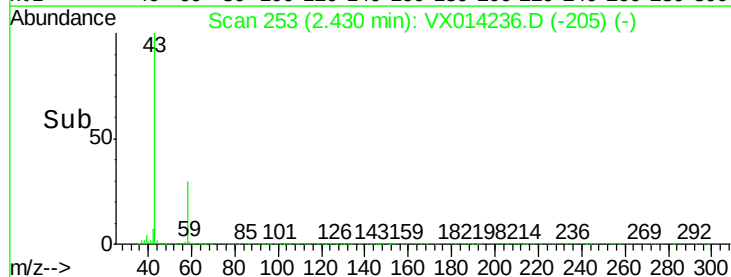
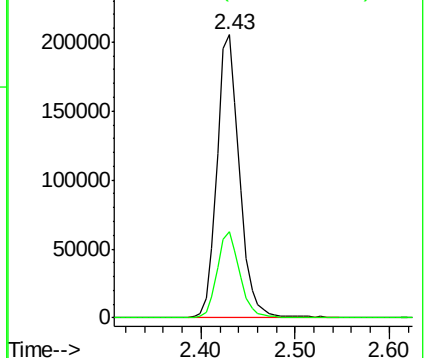
43 100

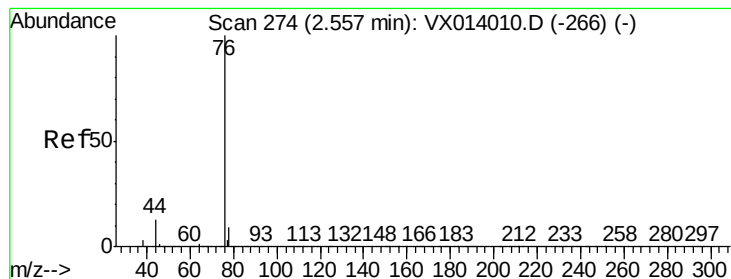
58 30.3 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.907 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

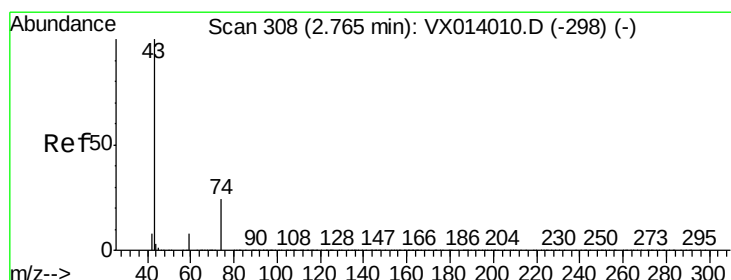
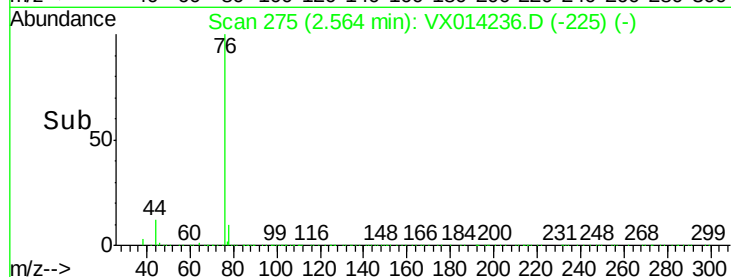
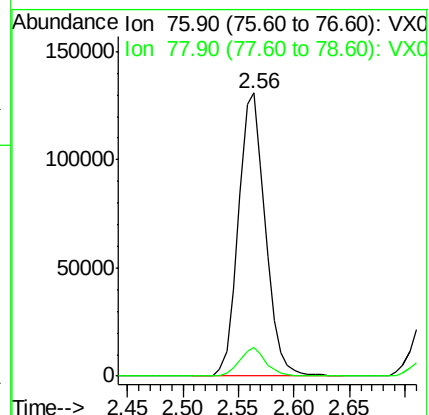
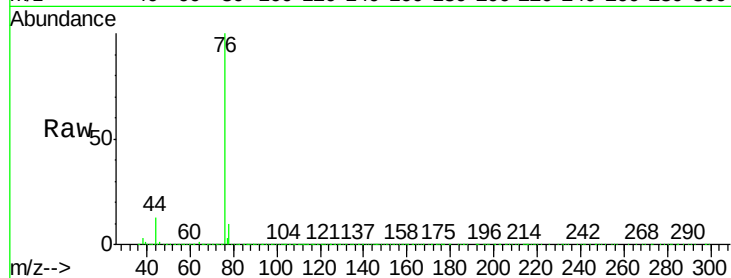
VX1224MBS01

Tgt Ion: 76 Resp: 218435

Ion Ratio Lower Upper

76 100

78 10.0 7.2 10.8



#18

Methyl Acetate

Concen: 19.747 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014236.D

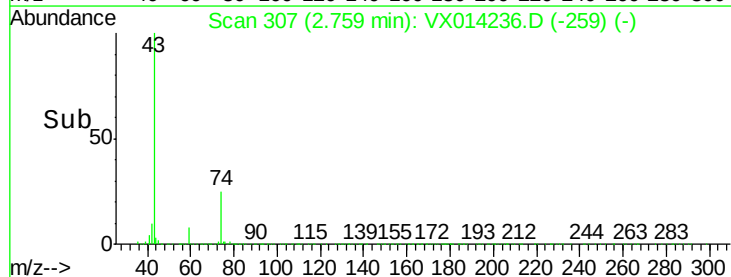
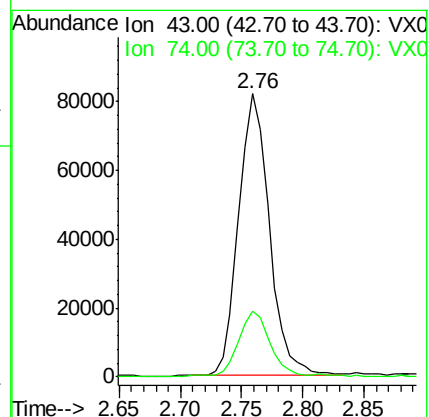
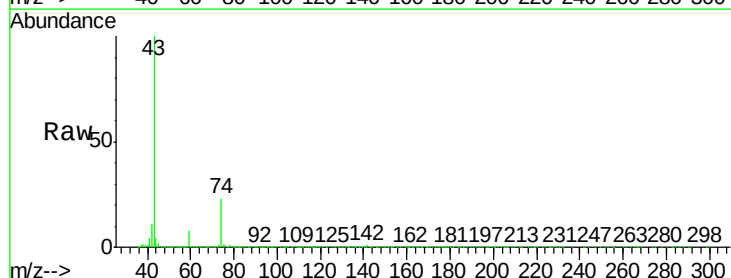
Acq: 24 Dec 2019 11:45

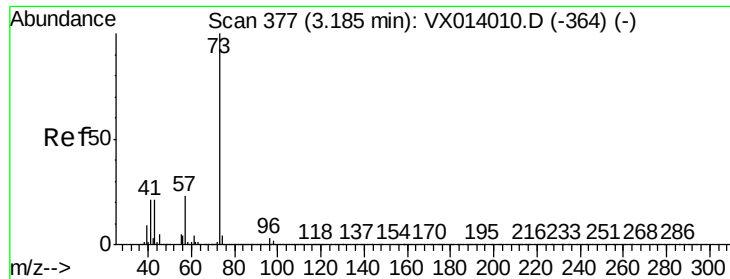
Tgt Ion: 43 Resp: 143573

Ion Ratio Lower Upper

43 100

74 23.8 19.5 29.3



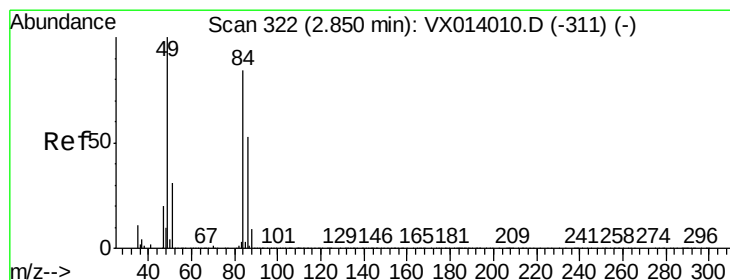
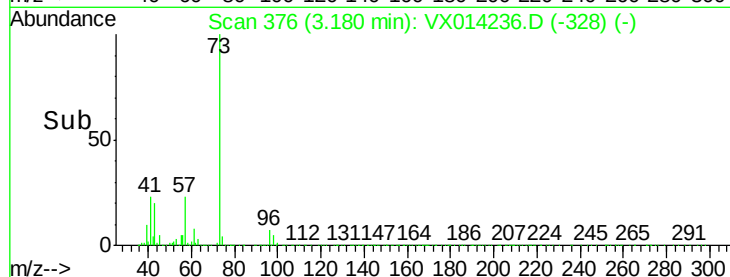
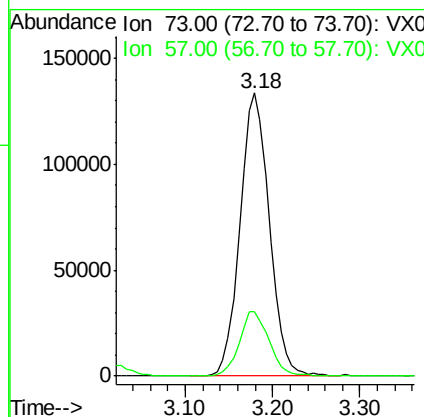
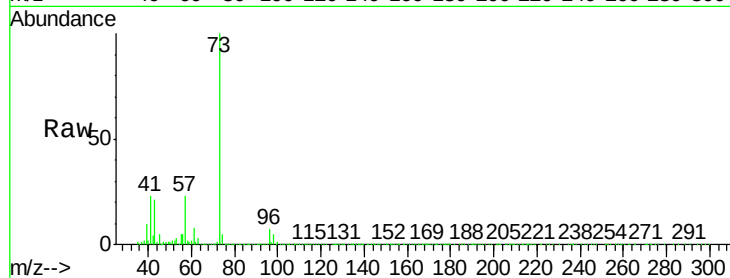


#19

Methyl tert-butyl Ether
 Concen: 19.692 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014236.D
 Acq: 24 Dec 2019 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224MBS01

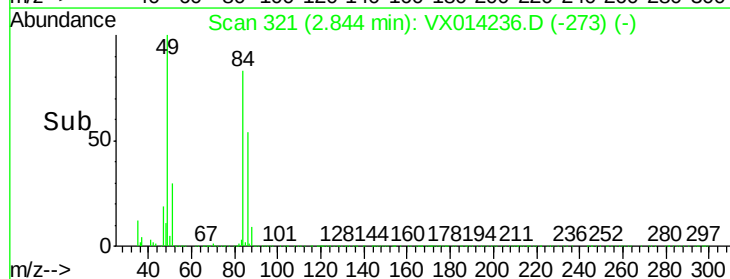
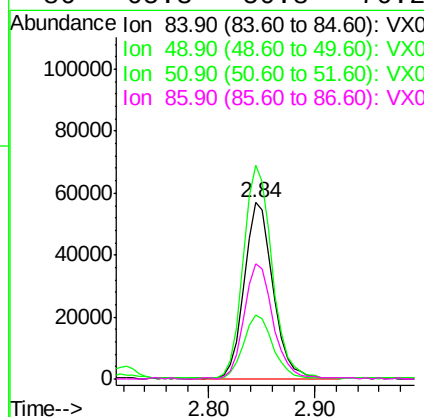
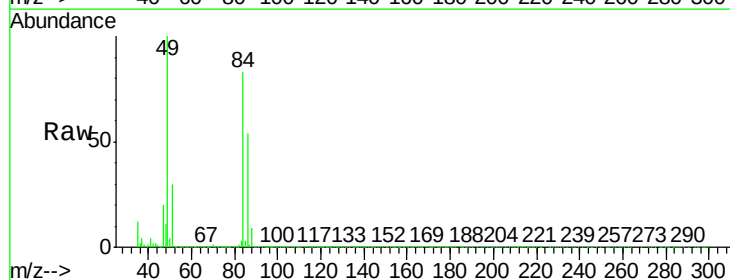
Tgt Ion: 73 Resp: 310397
 Ion Ratio Lower Upper
 73 100
 57 22.4 18.8 28.2

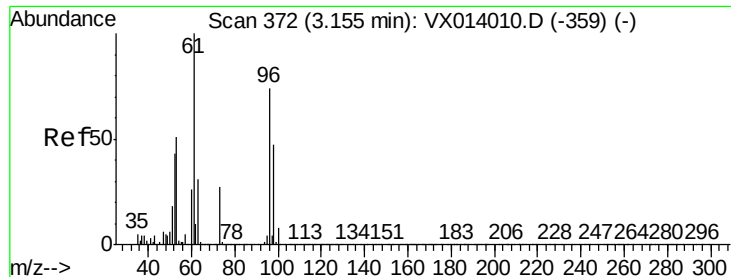


#20

Methylene Chloride
 Concen: 18.642 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX014236.D
 Acq: 24 Dec 2019 11:45

Tgt Ion: 84 Resp: 107714
 Ion Ratio Lower Upper
 84 100
 49 121.2 95.8 143.6
 51 35.7 29.8 44.8
 86 65.3 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 18.134 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX1224MBS01

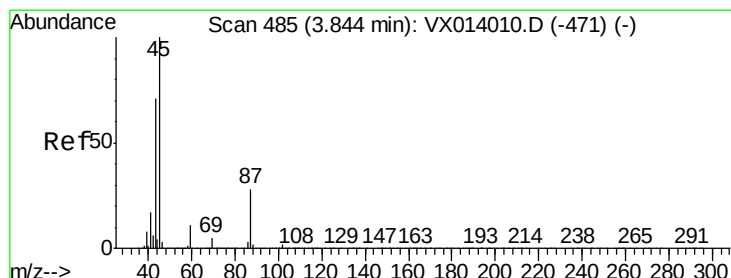
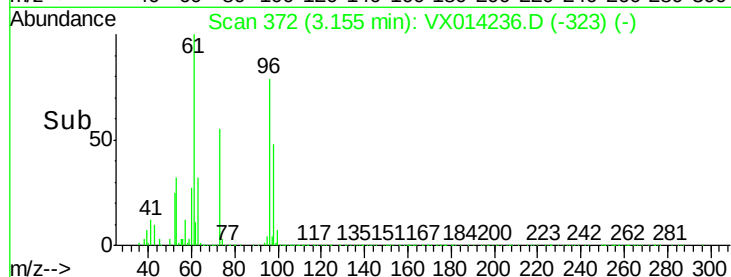
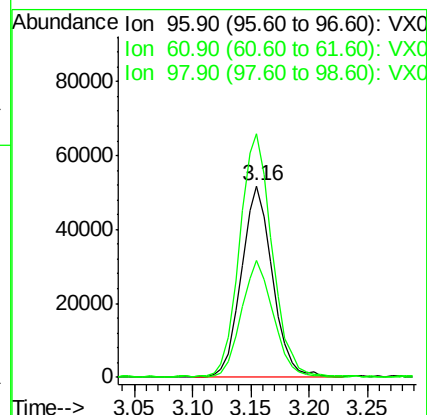
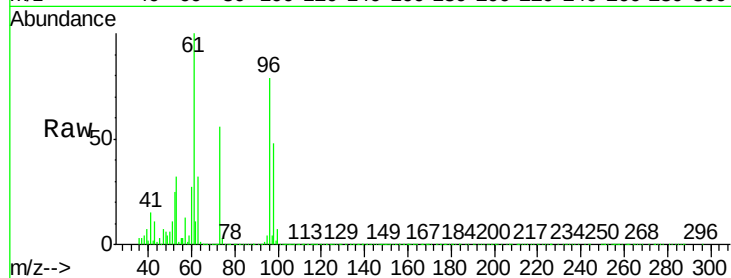
Tgt Ion: 96 Resp: 95832

Ion Ratio Lower Upper

96 100

61 126.9 108.3 162.5

98 60.7 50.8 76.2



#22

Diisopropyl ether

Concen: 19.765 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Tgt Ion: 45 Resp: 337333

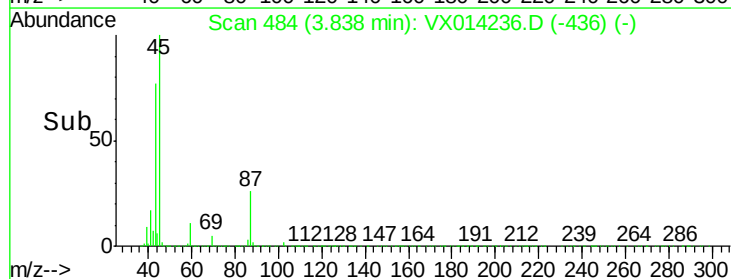
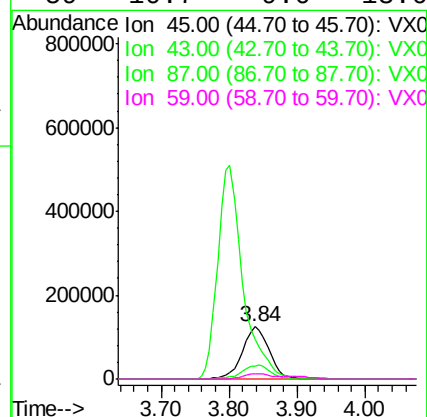
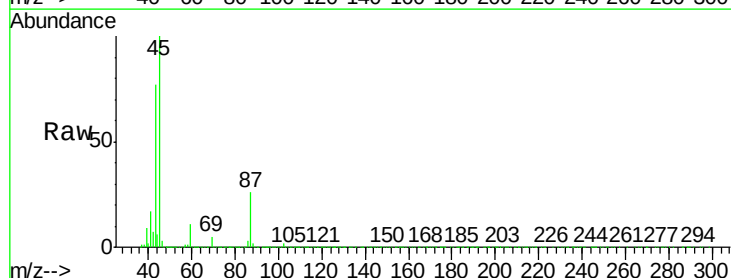
Ion Ratio Lower Upper

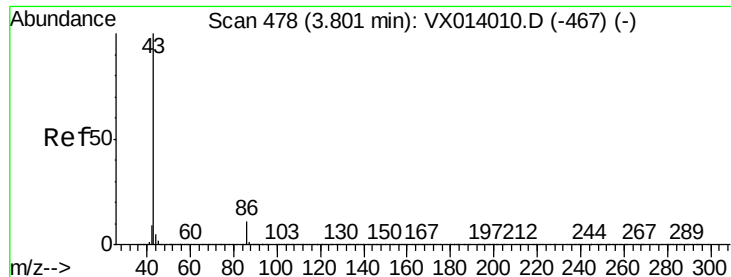
45 100

43 77.1 57.4 86.0

87 25.6 21.9 32.9

59 10.7 9.0 13.6





#23

Vinyl Acetate

Concen: 95.136 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

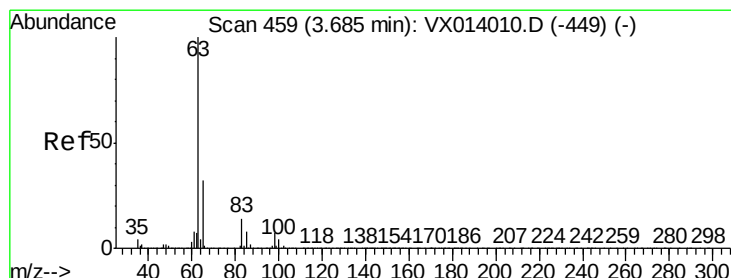
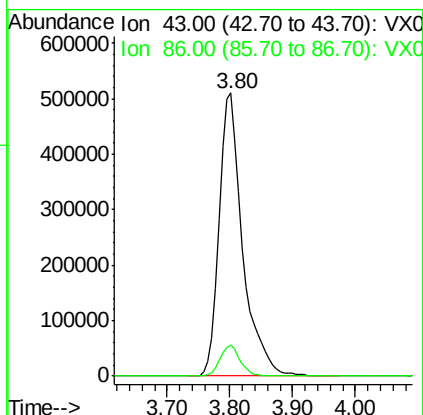
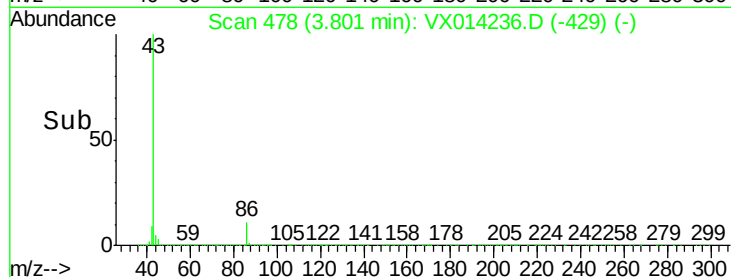
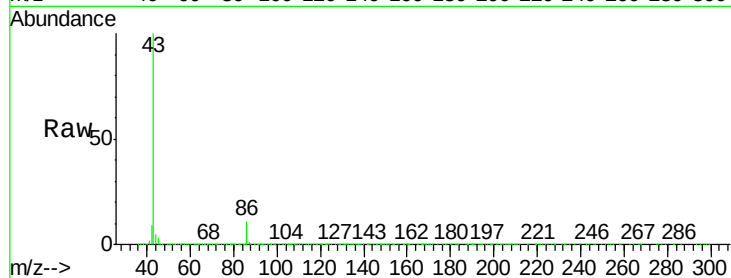
VX1224MBS01

Tgt Ion: 43 Resp: 1325029

Ion Ratio Lower Upper

43 100

86 11.0 8.6 12.8



#24

1,1-Dichloroethane

Concen: 18.723 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

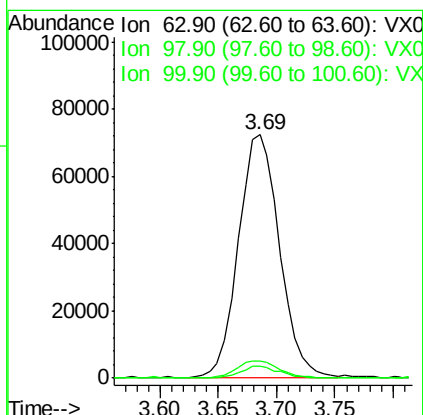
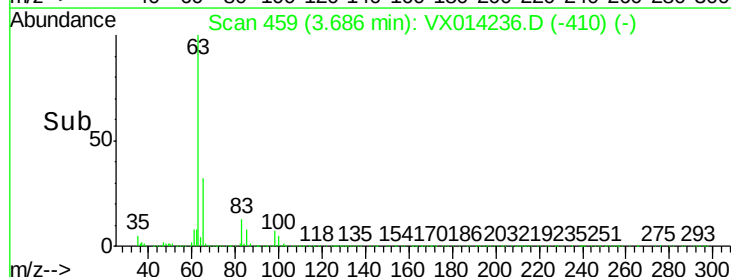
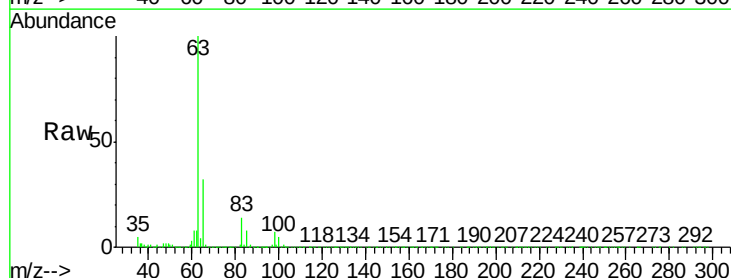
Tgt Ion: 63 Resp: 177786

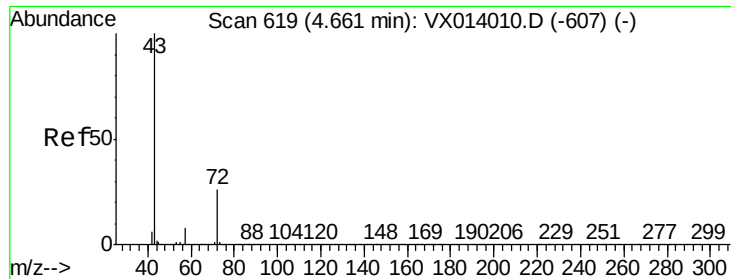
Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

100 4.5 2.3 6.8





#25

2-Butanone

Concen: 95.372 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

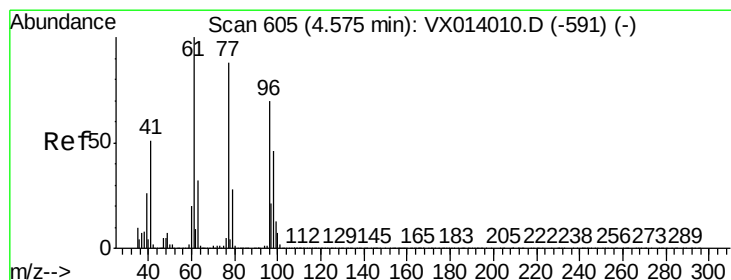
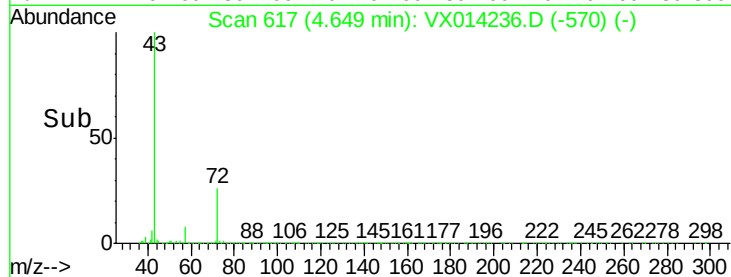
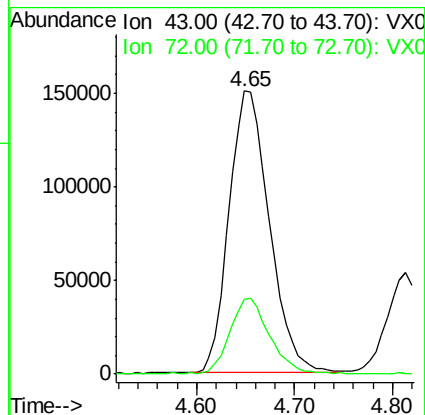
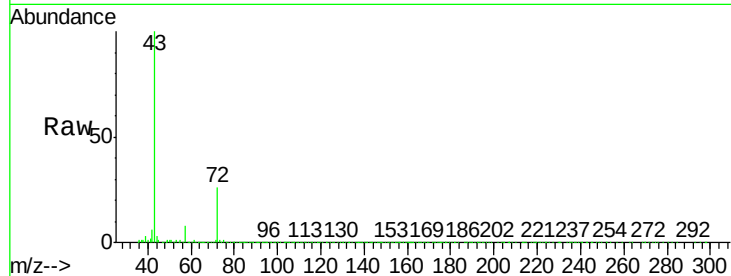
VX1224MBS01

Tgt Ion: 43 Resp: 431429

Ion Ratio Lower Upper

43 100

72 25.9 21.0 31.4



#26

2,2-Dichloropropane

Concen: 18.102 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014236.D

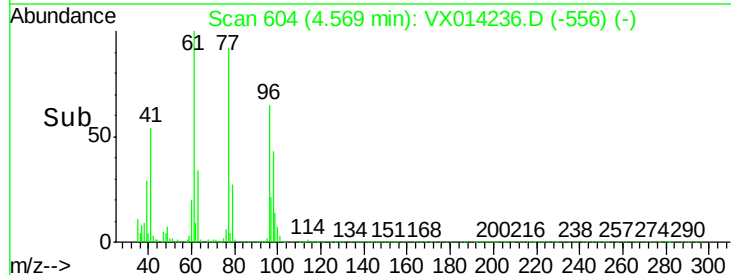
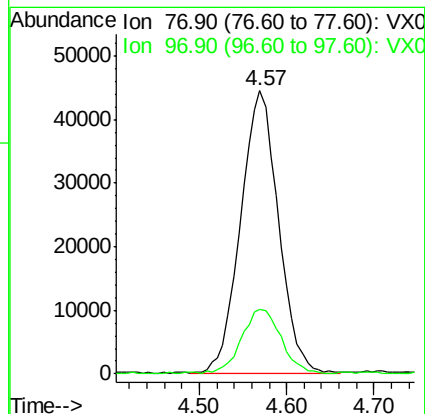
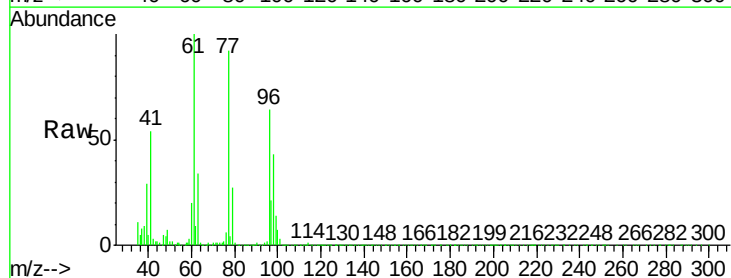
Acq: 24 Dec 2019 11:45

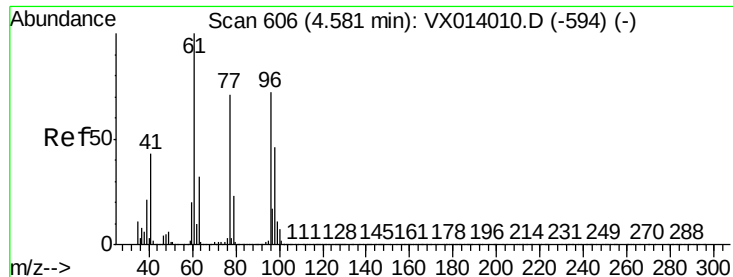
Tgt Ion: 77 Resp: 133458

Ion Ratio Lower Upper

77 100

97 24.1 11.9 35.9



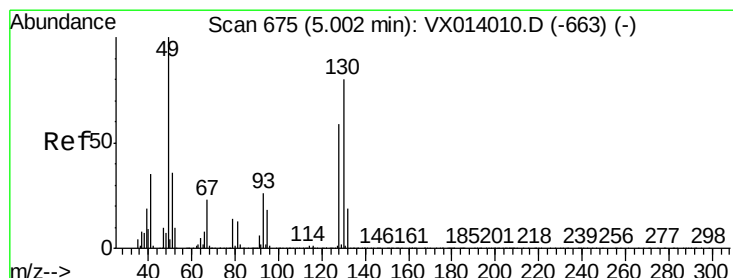
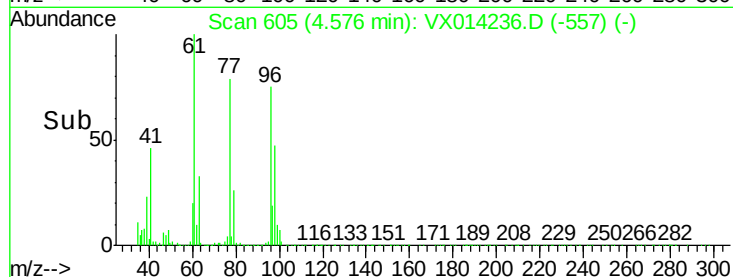
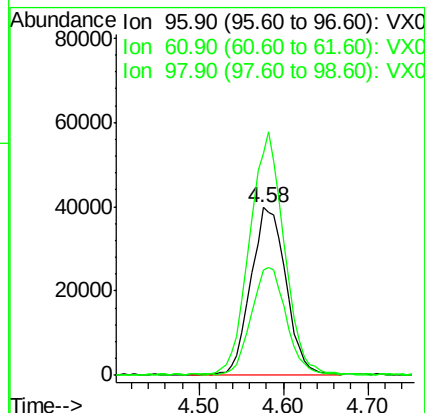
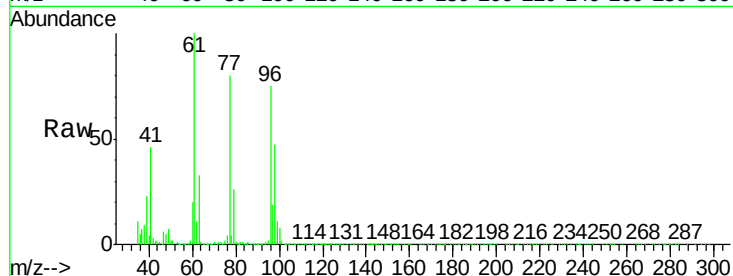


#27

cis-1,2-Dichloroethene
Concen: 18.897 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1224MBS01

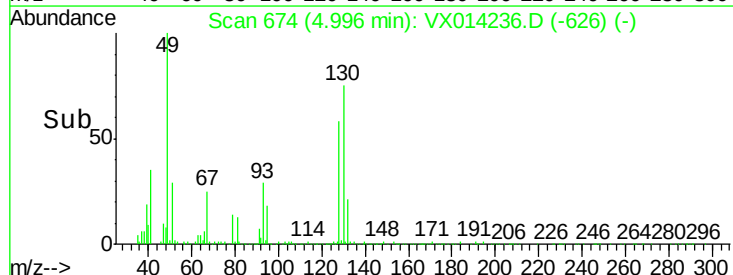
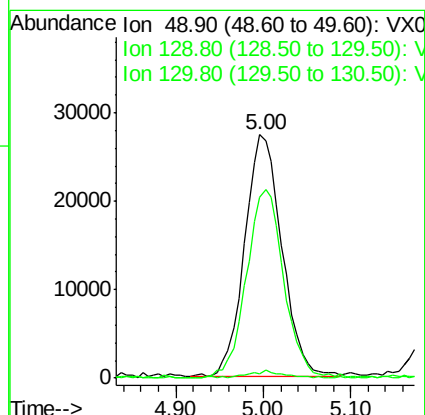
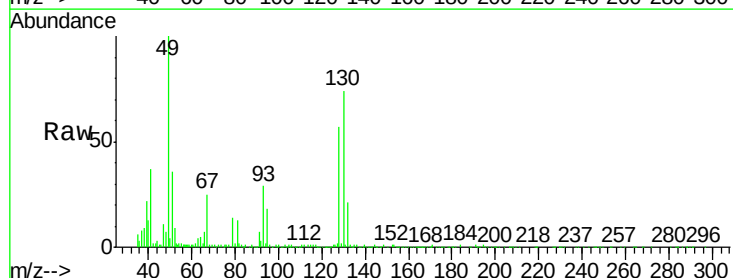
Tgt Ion: 96 Resp: 112941
Ion Ratio Lower Upper
96 100
61 141.6 0.0 288.4
98 63.9 0.0 129.6

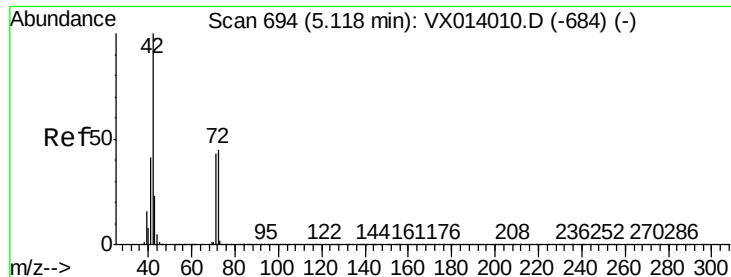


#28

Bromochloromethane
Concen: 22.256 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Tgt Ion: 49 Resp: 80347
Ion Ratio Lower Upper
49 100
129 2.6 0.0 5.0
130 79.2 64.6 97.0





#29

Tetrahydrofuran

Concen: 99.221 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX1224MBS01

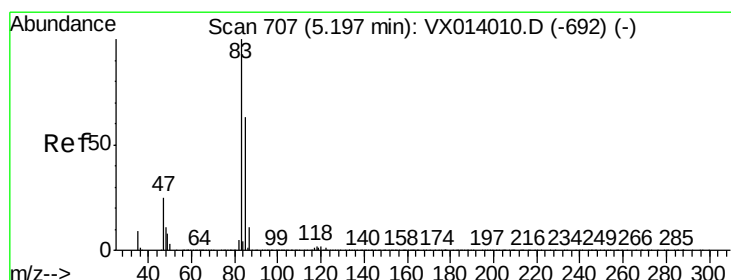
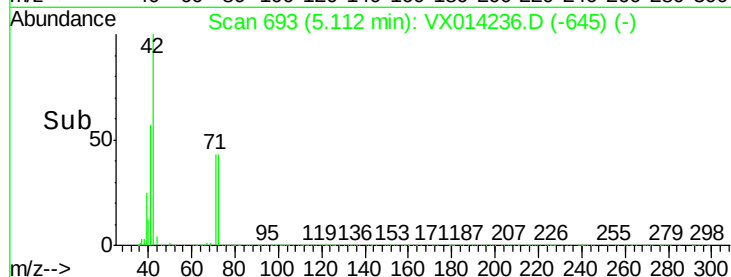
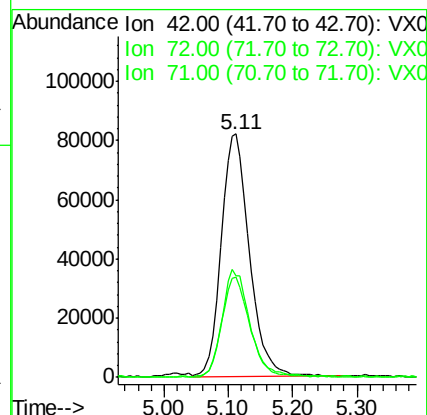
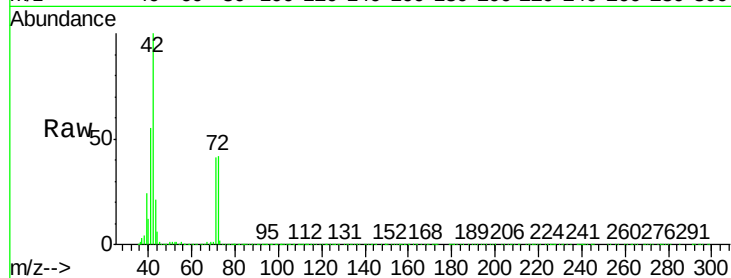
Tgt Ion: 42 Resp: 251048

Ion Ratio Lower Upper

42 100

72 44.6 35.8 53.8

71 40.8 33.6 50.4



#30

Chloroform

Concen: 19.400 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX014236.D

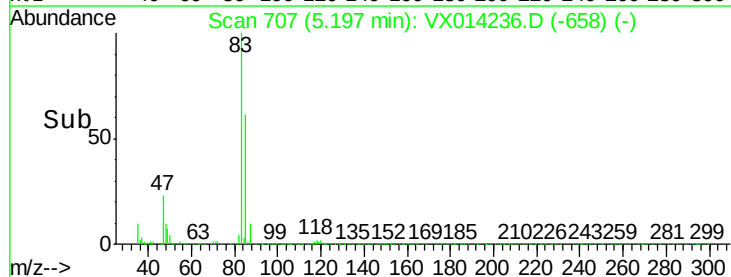
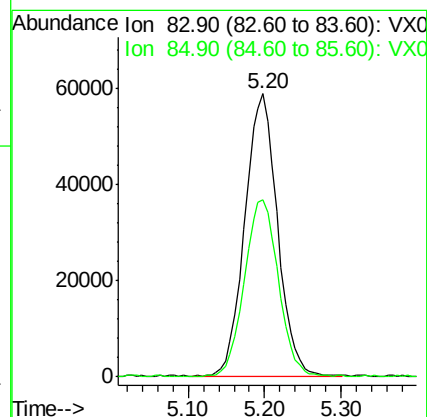
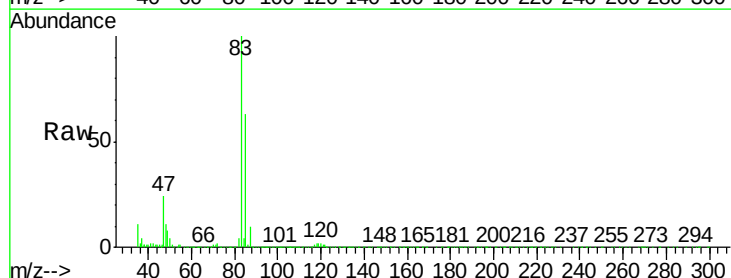
Acq: 24 Dec 2019 11:45

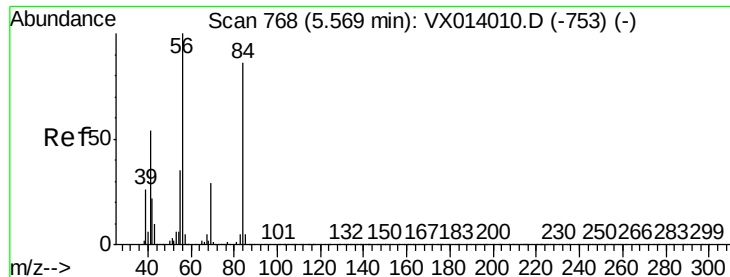
Tgt Ion: 83 Resp: 174625

Ion Ratio Lower Upper

83 100

85 62.6 50.8 76.2

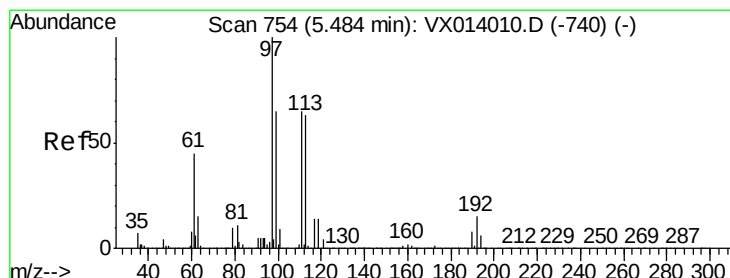
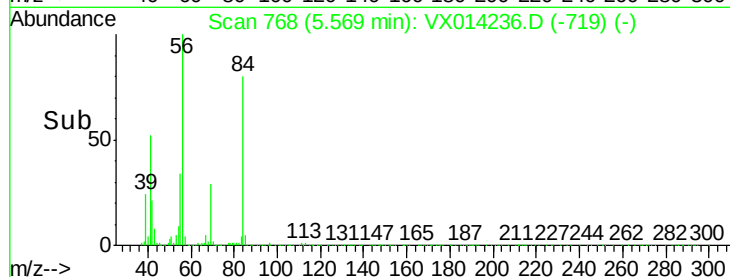
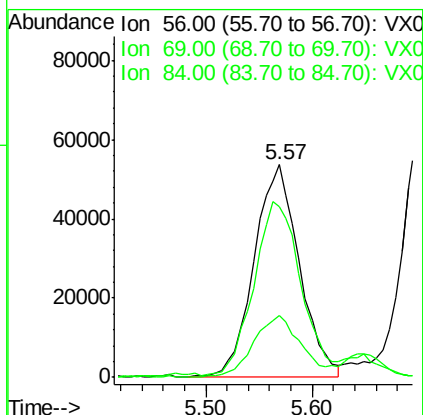
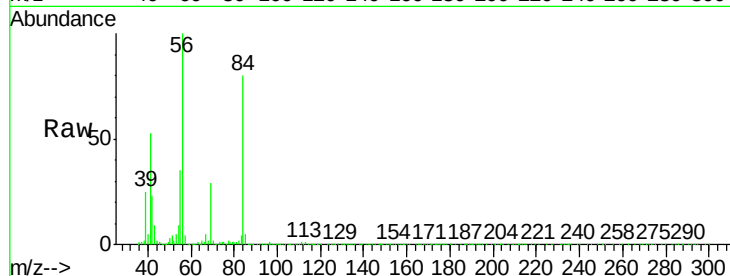




#31
Cyclohexane
Concen: 18.589 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

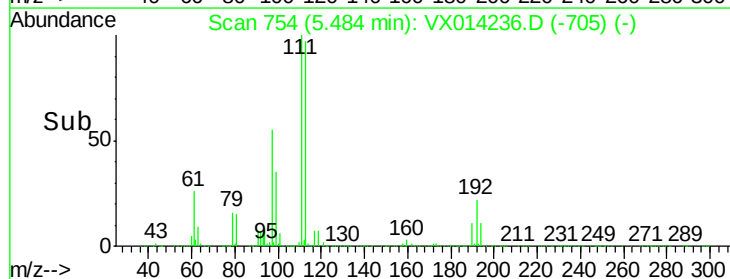
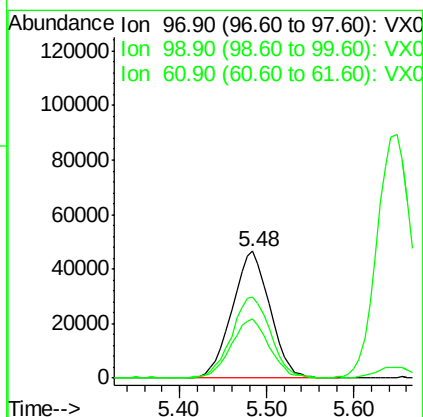
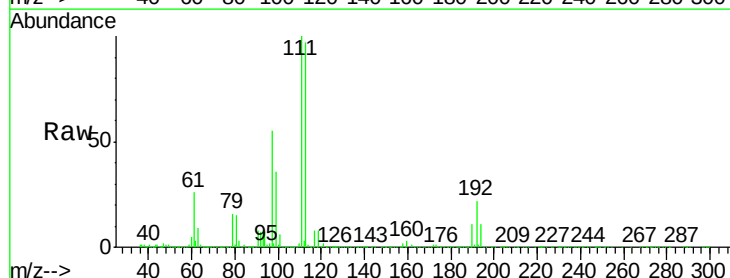
Instrument :
MSVOA_X
ClientSampleId :
VX1224MBS01

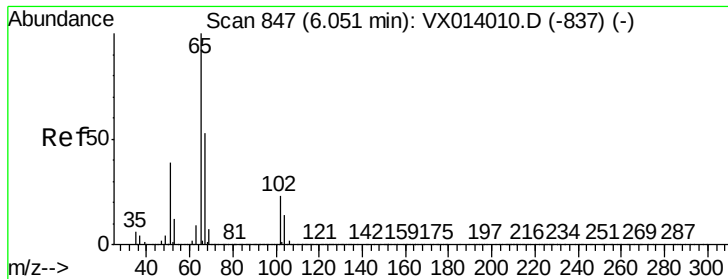
Tgt Ion: 56 Resp: 156993
Ion Ratio Lower Upper
56 100
69 28.9 23.2 34.8
84 79.4 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 17.967 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Tgt Ion: 97 Resp: 137839
Ion Ratio Lower Upper
97 100
99 66.1 52.0 78.0
61 48.5 36.7 55.1





#33

1,2-Dichloroethane-d4

Concen: 50.326 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

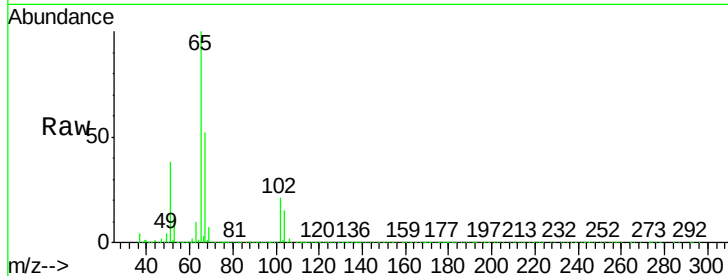
VX1224MBS01

Tgt Ion: 65 Resp: 284428

Ion Ratio Lower Upper

65 100

67 52.3 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

120000

100000

80000

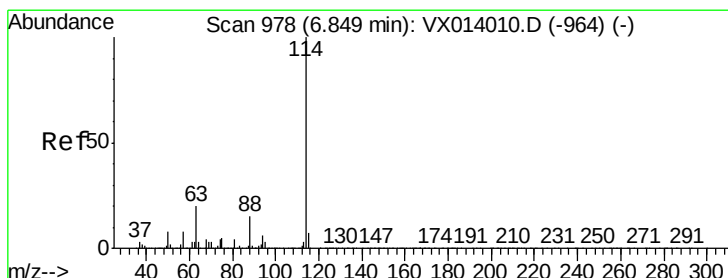
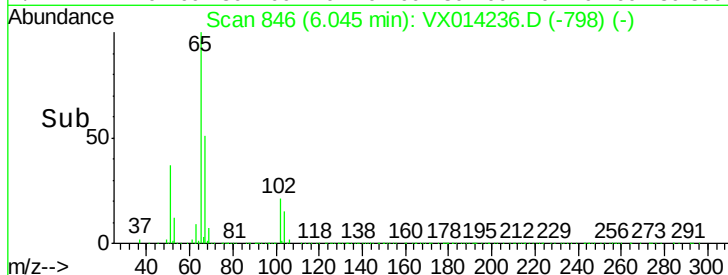
60000

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: VX014236.D

Acq: 24 Dec 2019 11:45

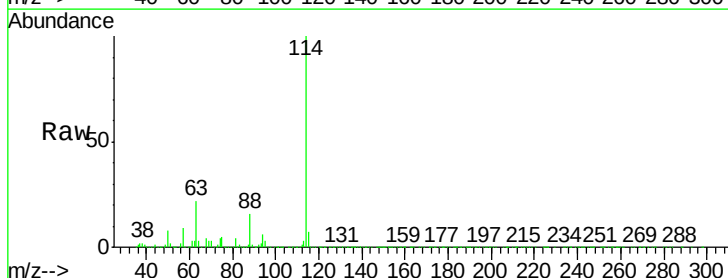
Tgt Ion: 114 Resp: 757106

Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.8

88 15.9 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

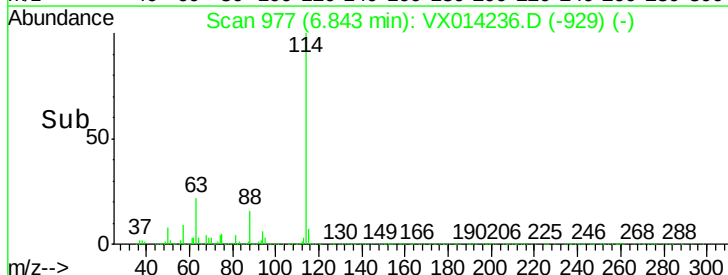
300000

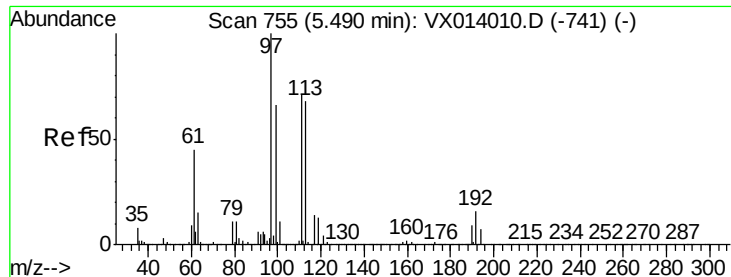
200000

100000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 50.112 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX1224MBS01

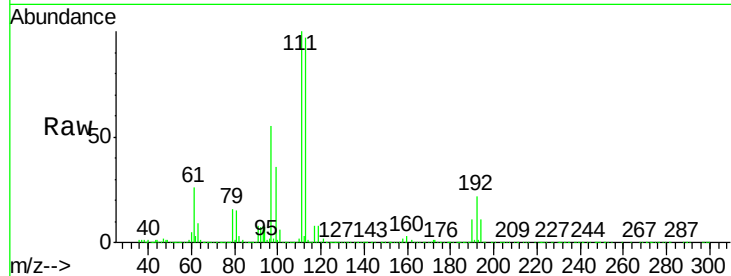
Tgt Ion:113 Resp: 230633

Ion Ratio Lower Upper

113 100

111 102.7 82.0 123.0

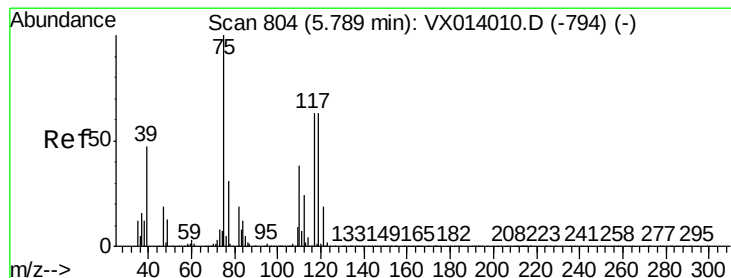
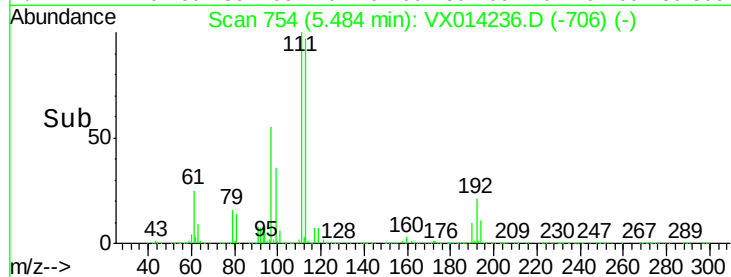
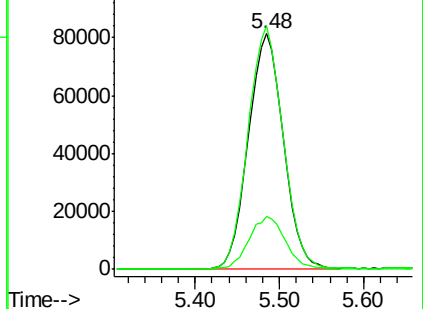
192 23.0 19.3 28.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.145 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

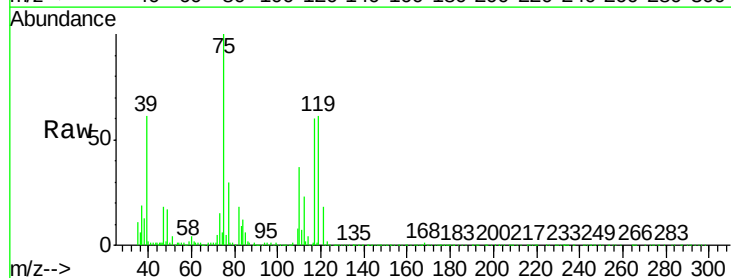
Tgt Ion: 75 Resp: 126050

Ion Ratio Lower Upper

75 100

110 36.0 18.3 54.9

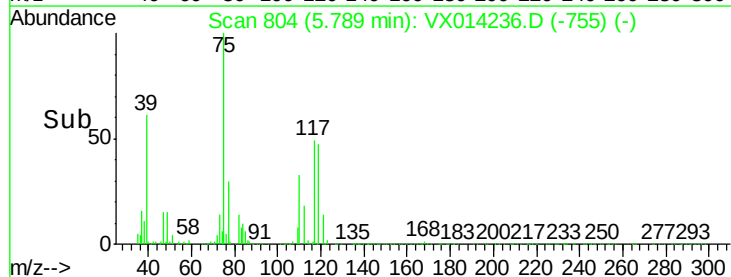
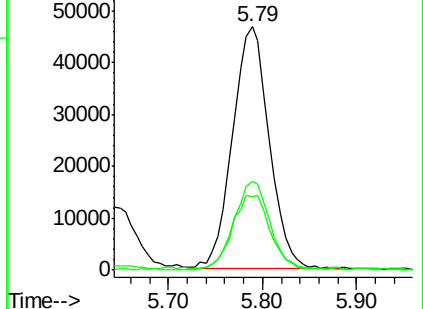
77 31.7 24.8 37.2

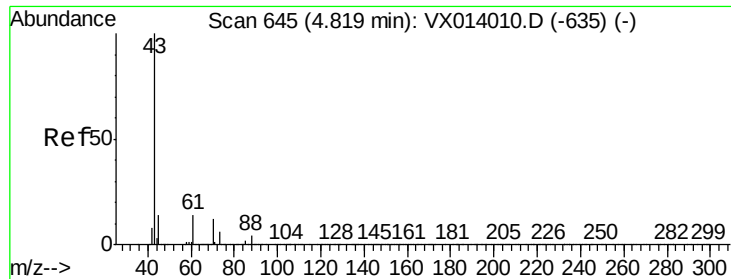


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

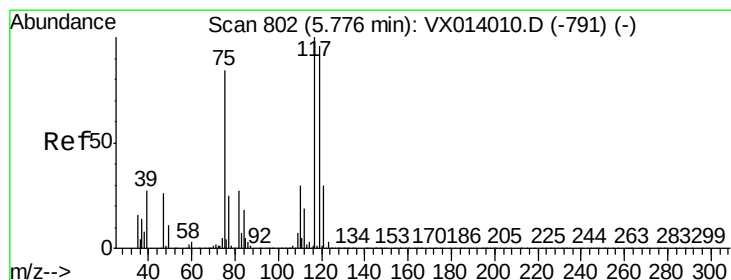
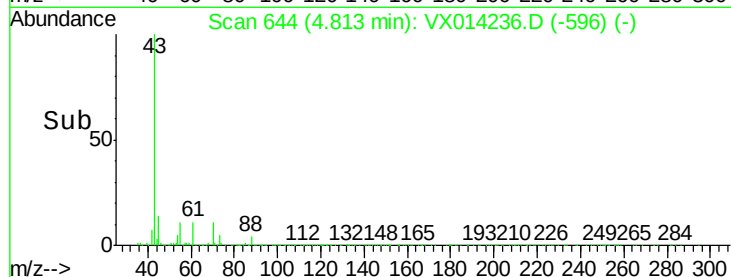
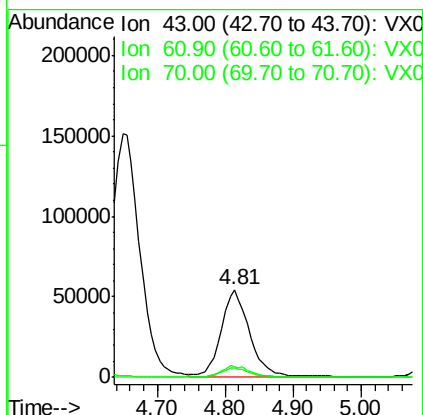
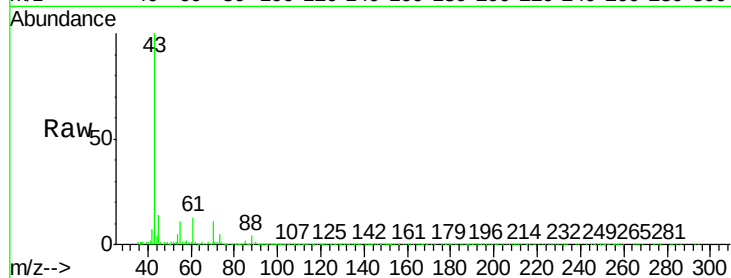




#37
Ethyl Acetate
Concen: 20.323 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

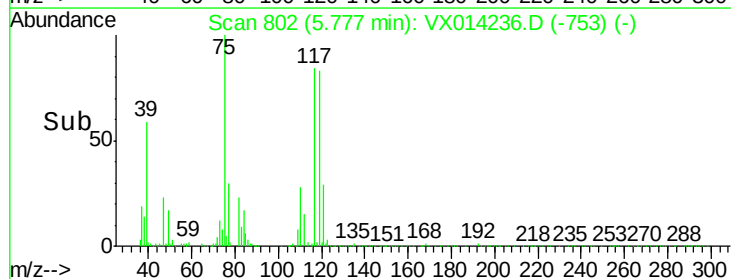
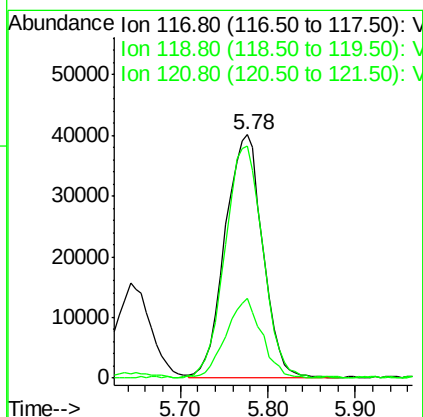
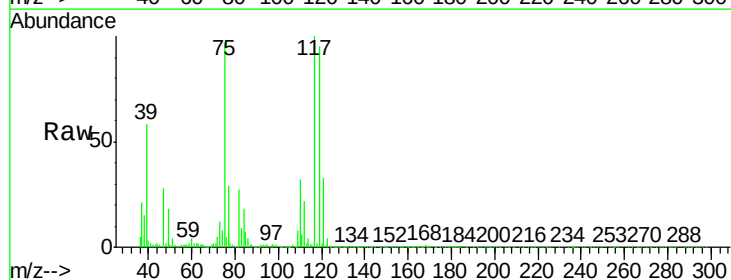
Instrument :
MSVOA_X
ClientSampleId :
VX1224MBS01

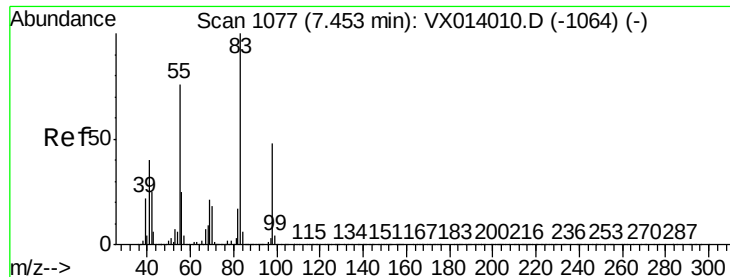
Tgt Ion:	43	Resp:	155906
Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.8	16.2
70	10.0	8.6	12.8



#38
Carbon Tetrachloride
Concen: 18.793 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Tgt Ion:	117	Resp:	118934
Ion	Ratio	Lower	Upper
117	100		
119	94.9	76.2	114.4
121	32.6	23.6	35.4

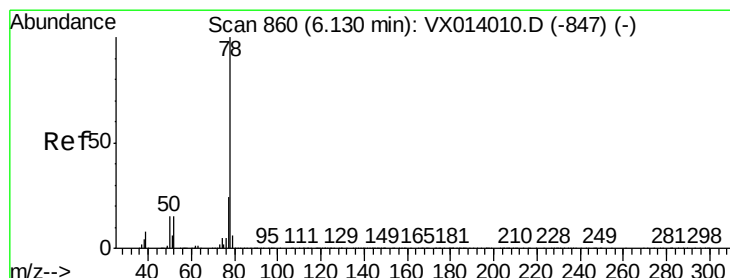
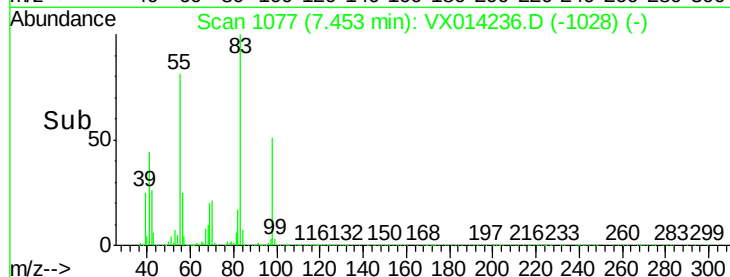
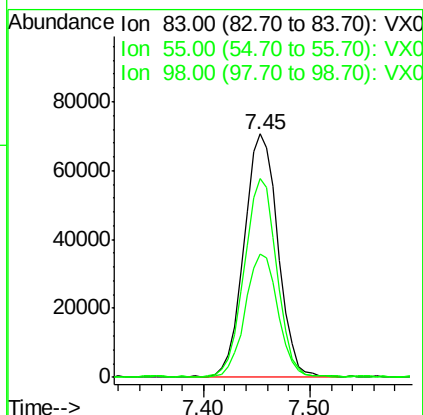
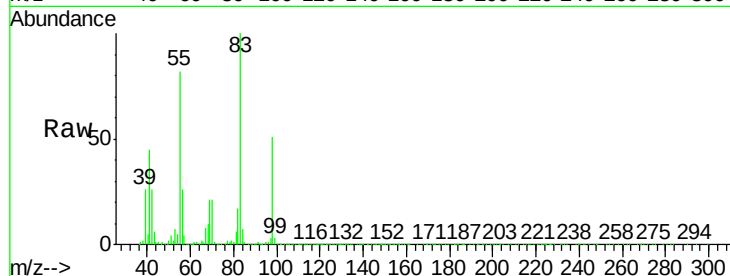




#39
Methylcyclohexane
Concen: 18.317 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

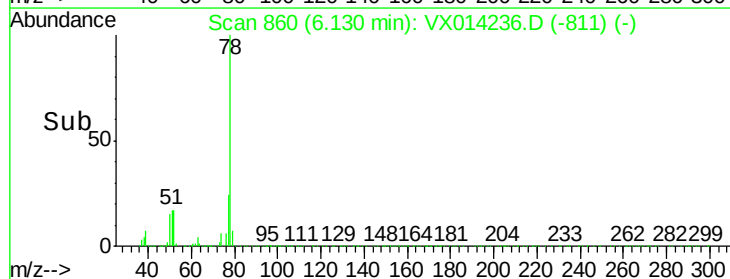
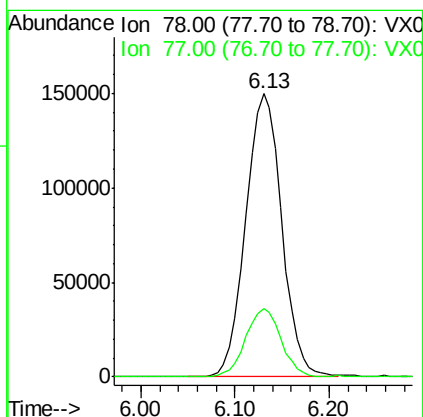
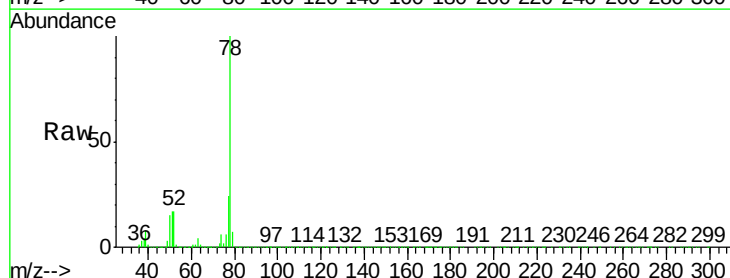
Instrument :
MSVOA_X
ClientSampleId :
VX1224MBS01

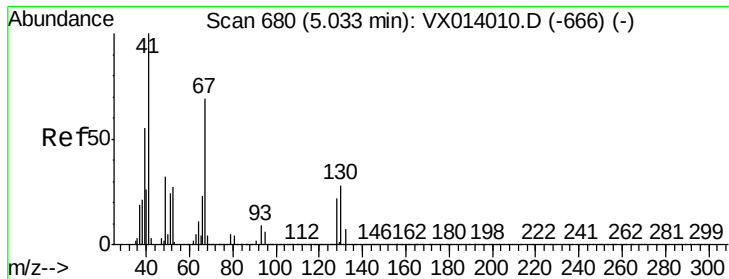
Tgt Ion: 83 Resp: 157117
Ion Ratio Lower Upper
83 100
55 81.4 61.0 91.6
98 50.6 38.6 57.8



#40
Benzene
Concen: 18.682 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Tgt Ion: 78 Resp: 399331
Ion Ratio Lower Upper
78 100
77 24.3 18.8 28.2





#41

Methacrylonitrile

Concen: 19.988 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX1224MBS01

Tgt Ion: 41 Resp: 85076

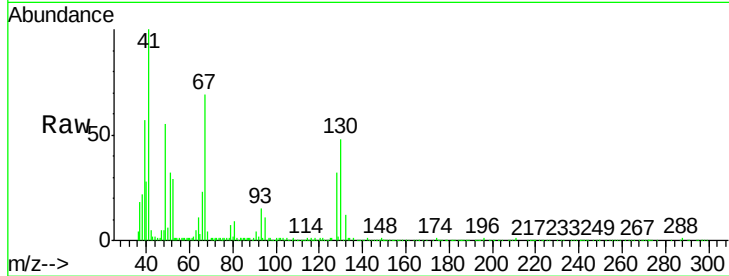
Ion Ratio Lower Upper

41 100

39 55.8 44.5 66.7

67 68.0 57.4 86.0

52 29.3 23.0 34.4

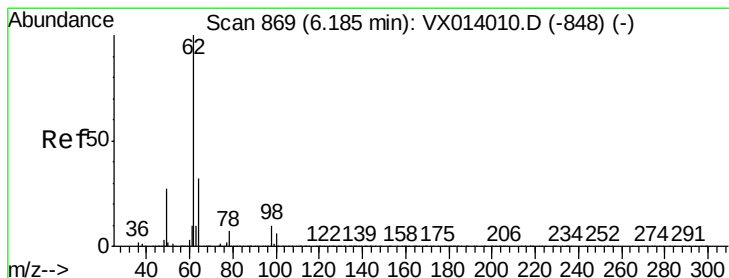
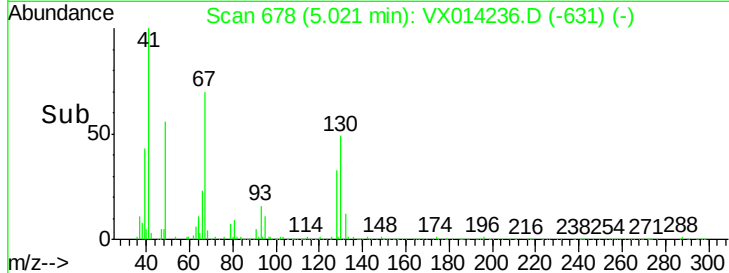
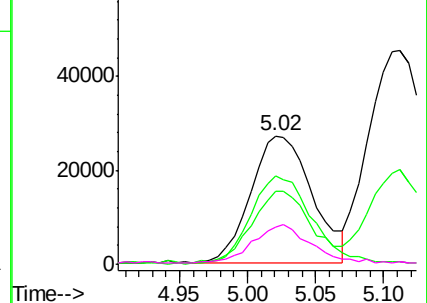


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 19.490 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX014236.D

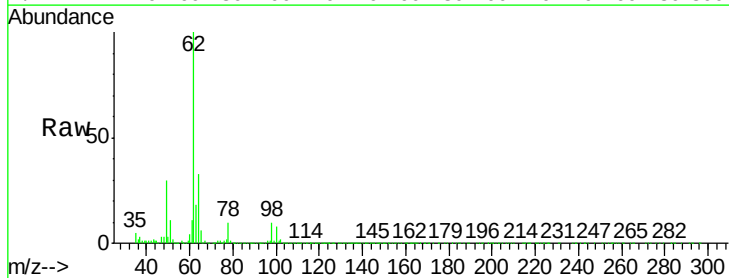
Acq: 24 Dec 2019 11:45

Tgt Ion: 62 Resp: 141213

Ion Ratio Lower Upper

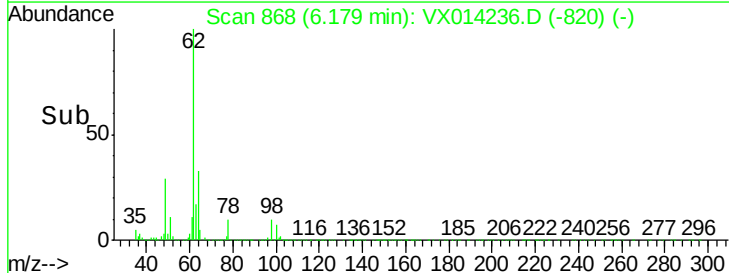
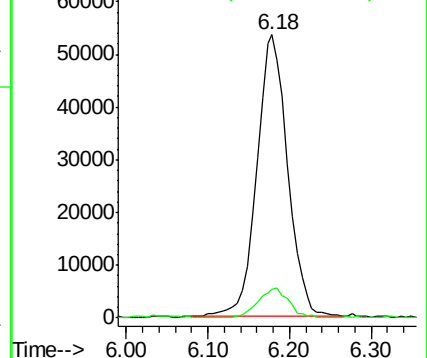
62 100

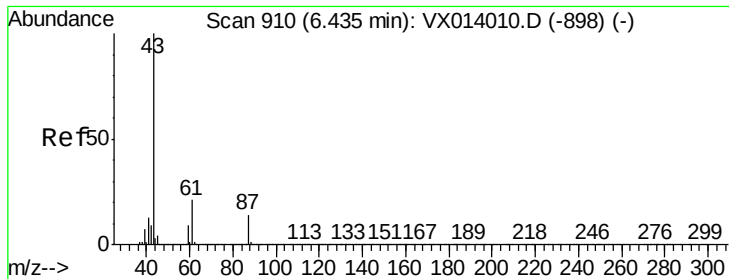
98 10.9 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.303 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX1224MBS01

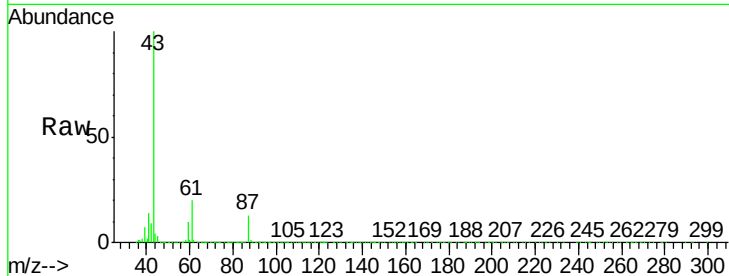
Tgt Ion: 43 Resp: 245069

Ion Ratio Lower Upper

43 100

61 20.4 16.4 24.6

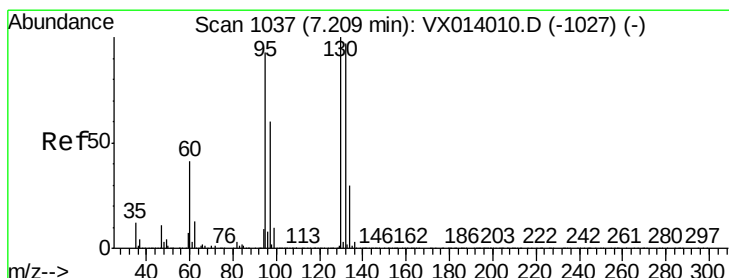
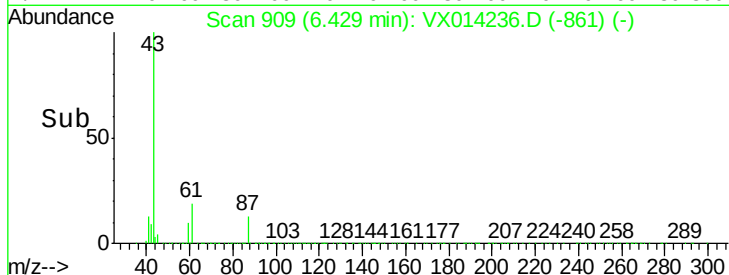
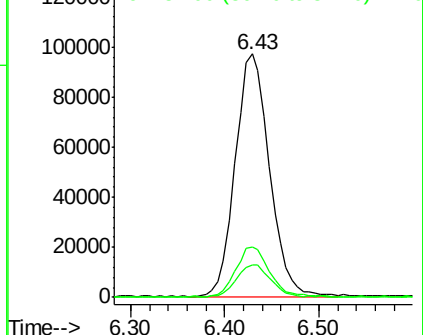
87 13.3 10.7 16.1



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: 18.597 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014236.D

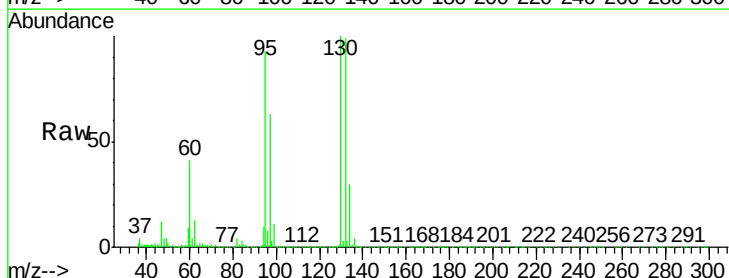
Acq: 24 Dec 2019 11:45

Tgt Ion: 130 Resp: 109797

Ion Ratio Lower Upper

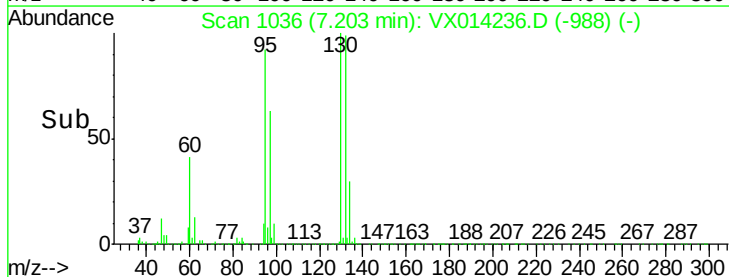
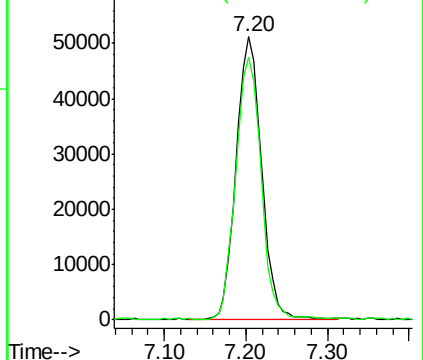
130 100

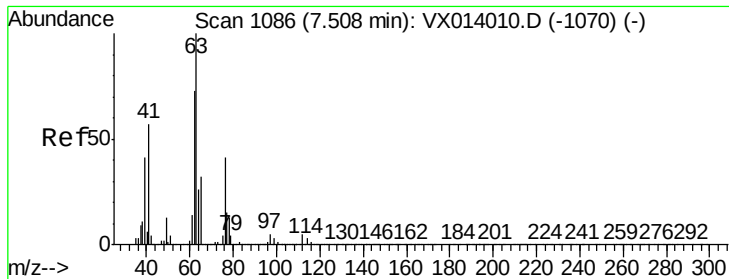
95 92.4 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

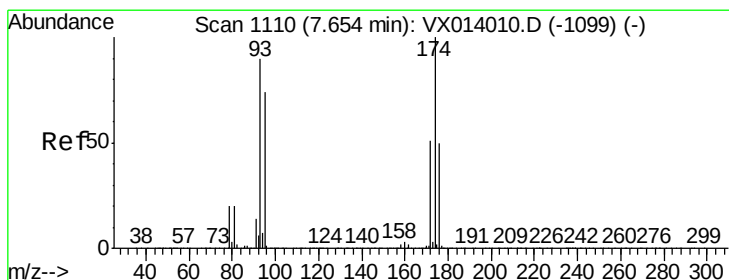
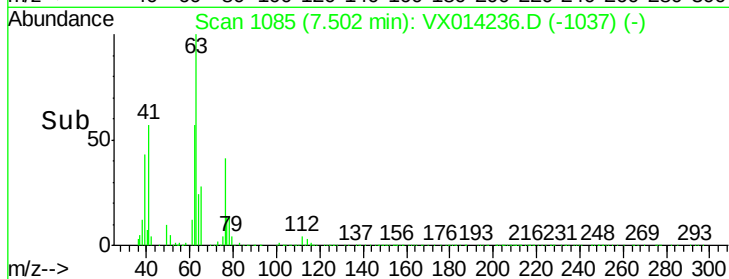
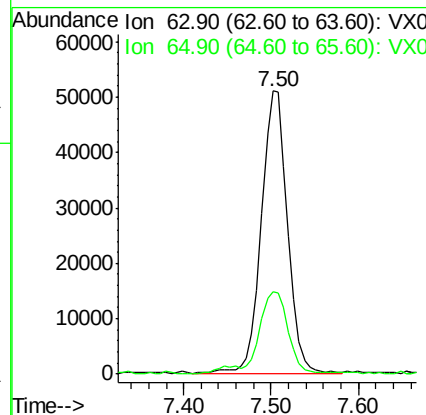
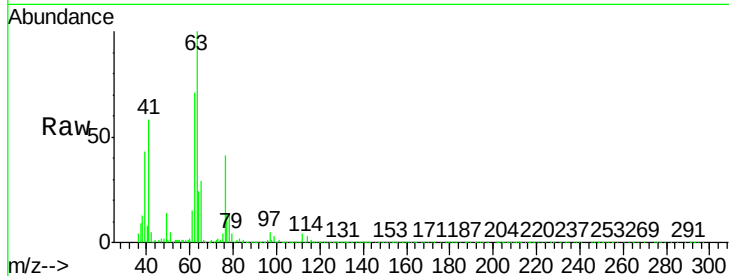




#45
 1,2-Dichloropropane
 Concen: 19.310 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014236.D
 Acq: 24 Dec 2019 11:45

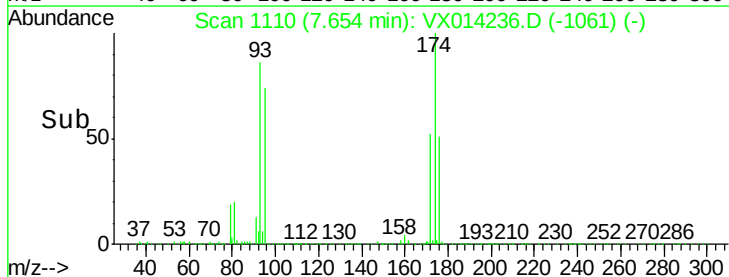
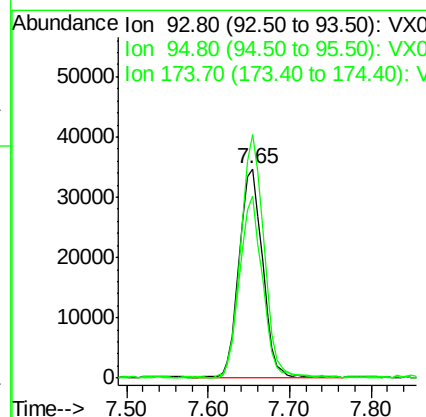
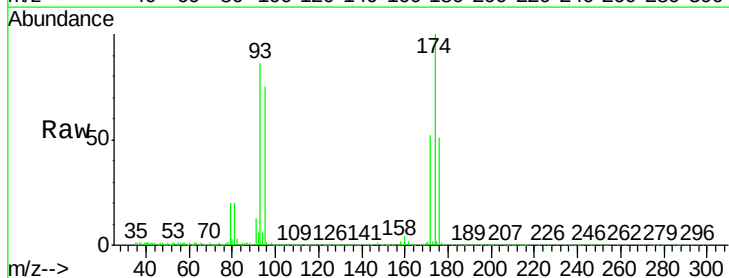
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224MBS01

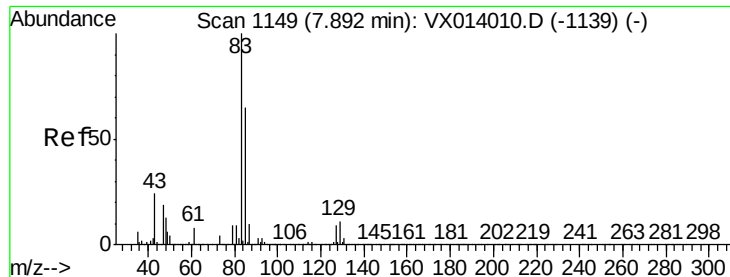
Tgt Ion: 63 Resp: 105790
 Ion Ratio Lower Upper
 63 100
 65 29.1 25.8 38.8



#46
 Dibromomethane
 Concen: 18.856 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014236.D
 Acq: 24 Dec 2019 11:45

Tgt Ion: 93 Resp: 68298
 Ion Ratio Lower Upper
 93 100
 95 84.9 67.3 100.9
 174 115.3 91.6 137.4





#47

Bromodichloromethane

Concen: 19.159 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX1224MBS01

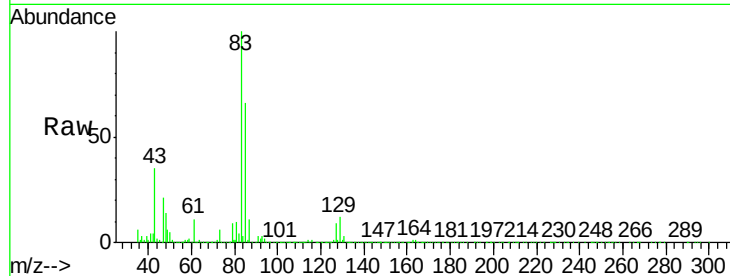
Tgt Ion: 83 Resp: 130701

Ion Ratio Lower Upper

83 100

85 66.0 51.8 77.8

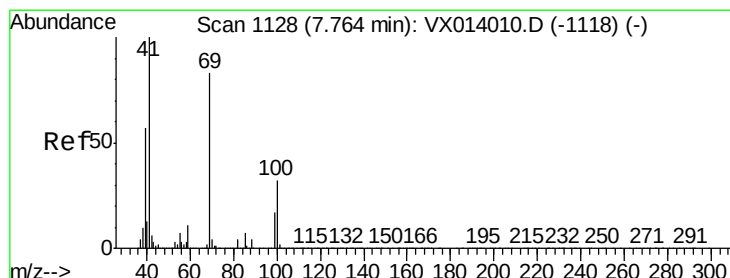
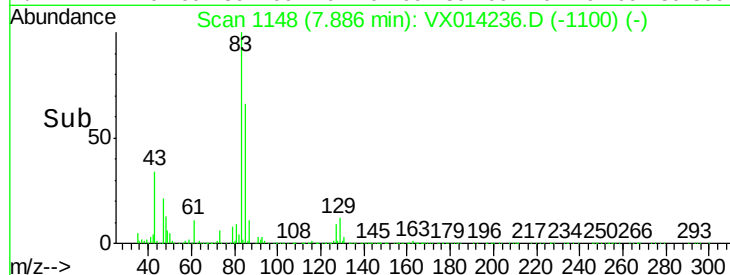
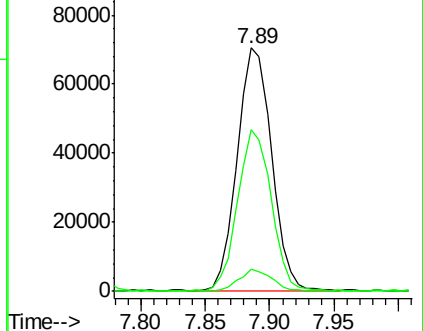
127 8.8 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.346 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

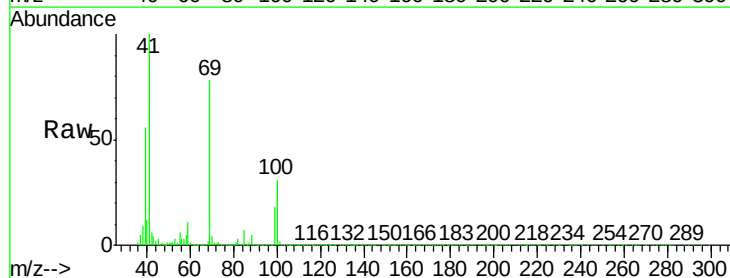
Tgt Ion: 41 Resp: 120270

Ion Ratio Lower Upper

41 100

69 80.4 65.8 98.6

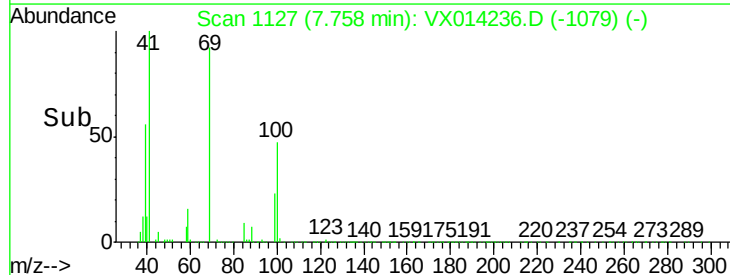
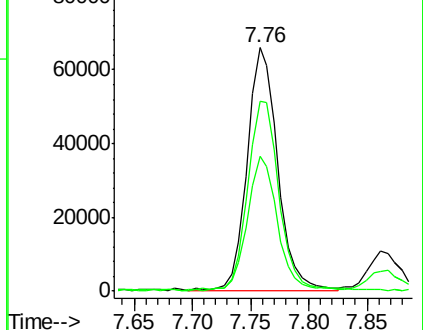
39 56.3 44.6 67.0

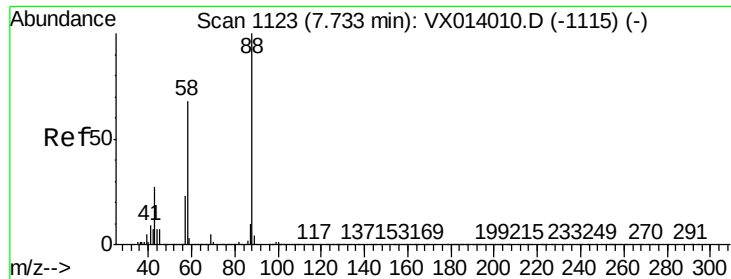


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

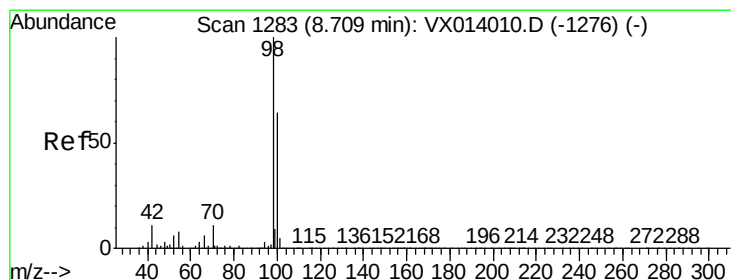
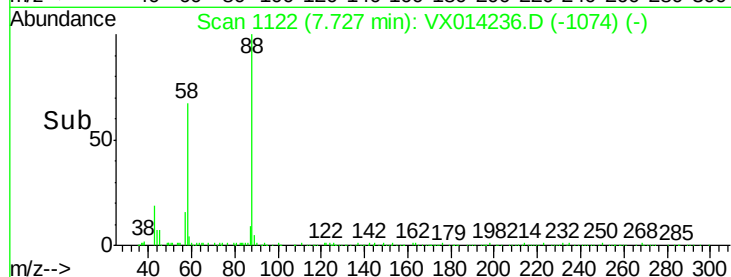
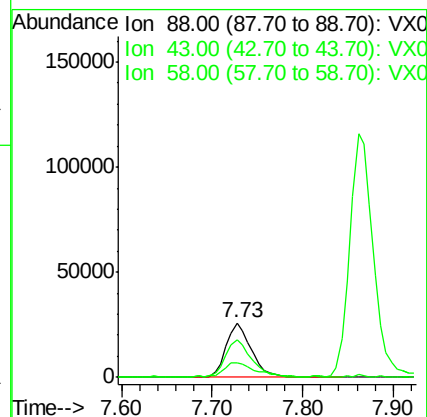
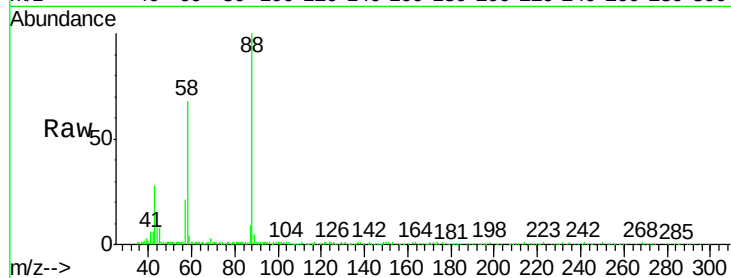




#49
1,4-Dioxane
Concen: 391.213 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

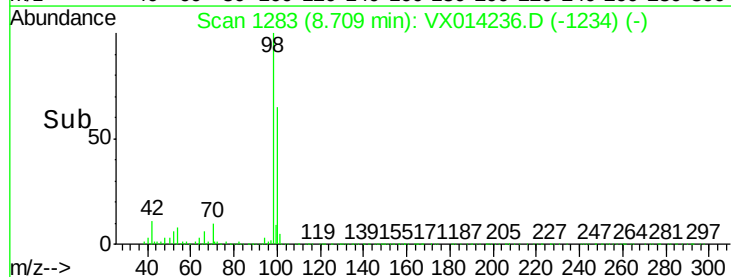
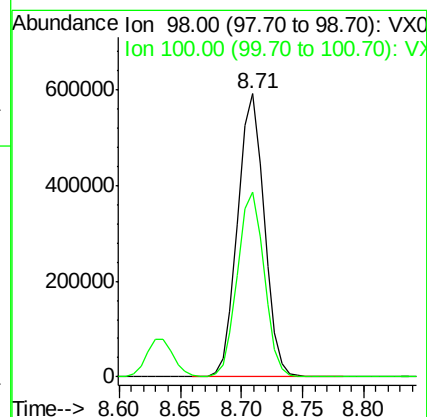
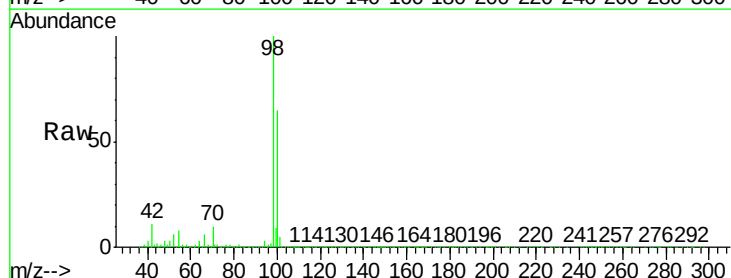
Instrument :
MSVOA_X
ClientSampleId :
VX1224MBS01

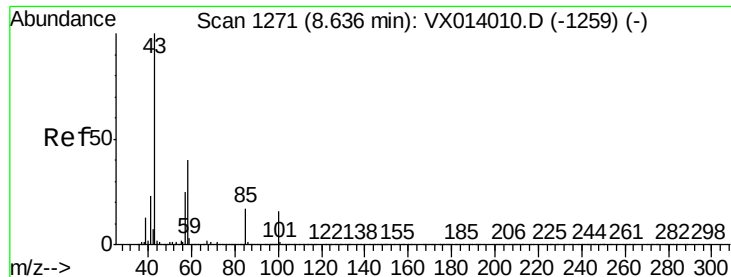
Tgt Ion: 88 Resp: 49493
Ion Ratio Lower Upper
88 100
43 37.3 26.5 39.7
58 72.5 56.8 85.2



#50
Toluene-d8
Concen: 49.603 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Tgt Ion: 98 Resp: 888802
Ion Ratio Lower Upper
98 100
100 65.9 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 96.966 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

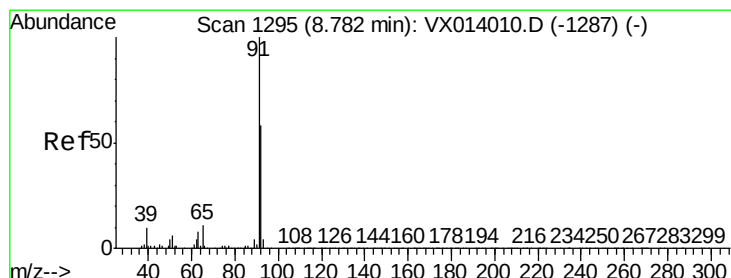
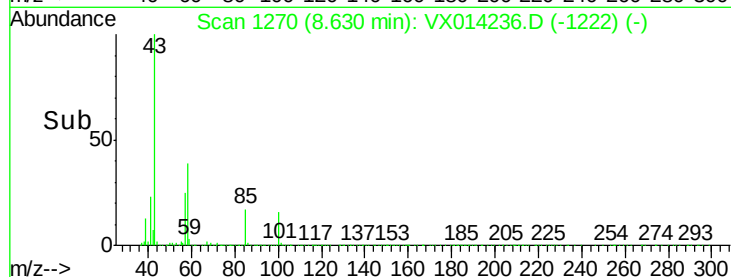
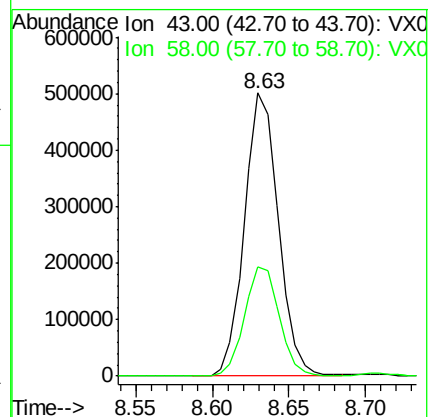
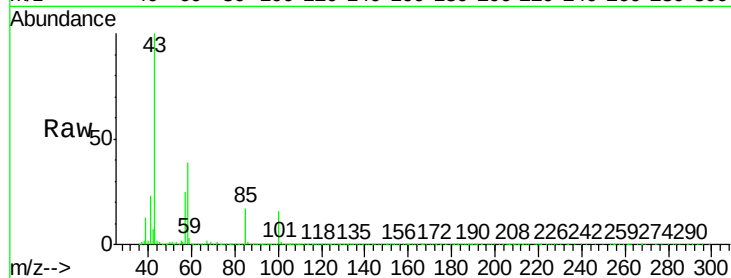
VX1224MBS01

Tgt Ion: 43 Resp: 773120

Ion Ratio Lower Upper

43 100

58 39.5 32.2 48.2



#52

Toluene

Concen: 18.632 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014236.D

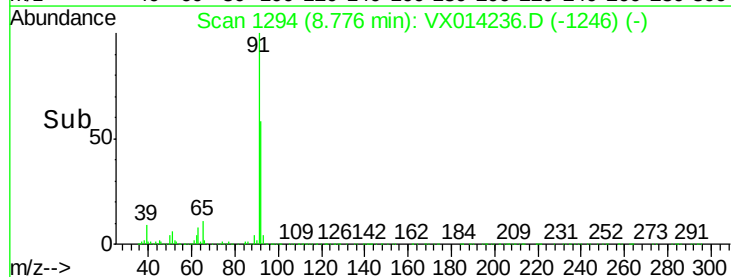
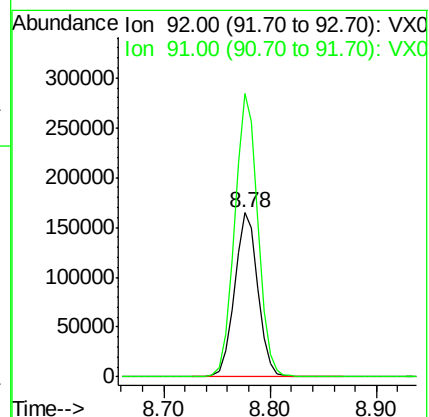
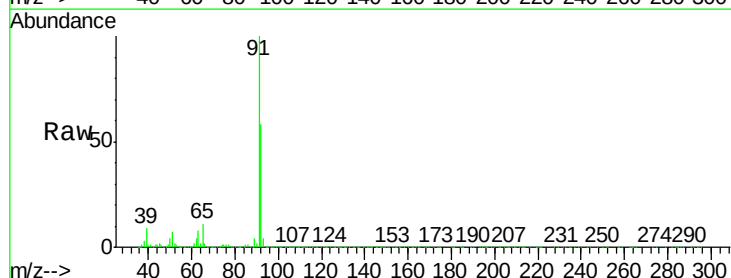
Acq: 24 Dec 2019 11:45

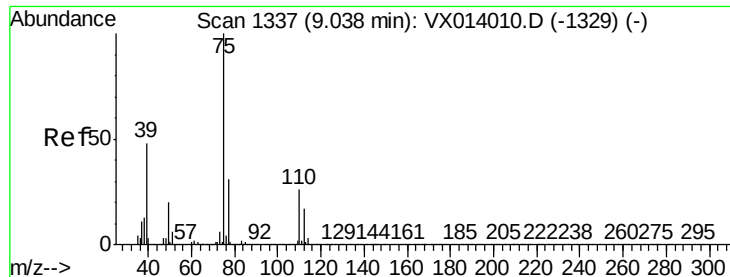
Tgt Ion: 92 Resp: 251720

Ion Ratio Lower Upper

92 100

91 171.7 136.2 204.4





#53

t-1,3-Dichloropropene

Concen: 18.991 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Instrument :

MSVOA_X

ClientSampled :

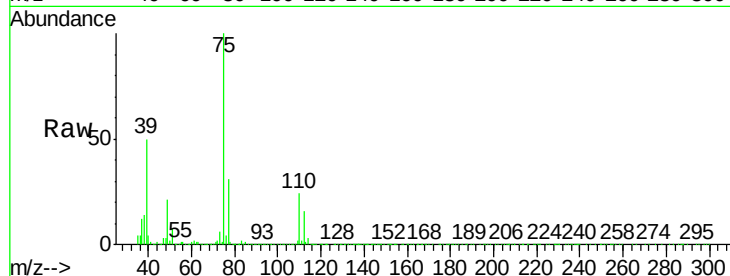
VX1224MBS01

Tgt Ion: 75 Resp: 142053

Ion Ratio Lower Upper

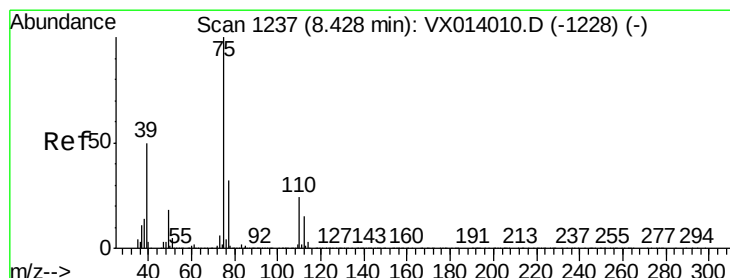
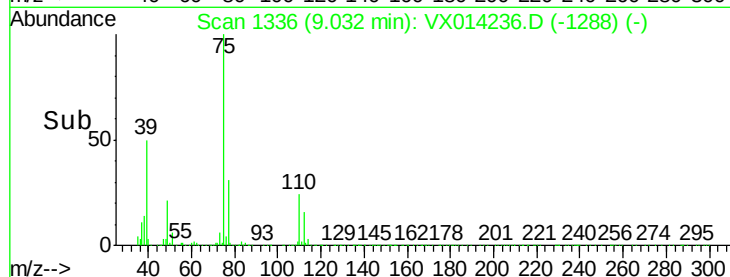
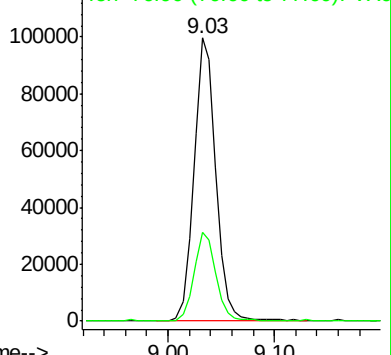
75 100

77 31.2 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.511 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

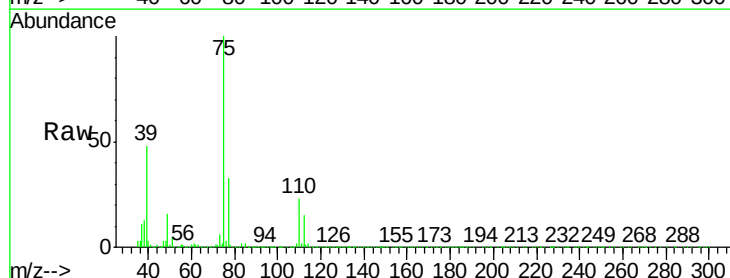
Tgt Ion: 75 Resp: 162590

Ion Ratio Lower Upper

75 100

77 32.3 25.3 37.9

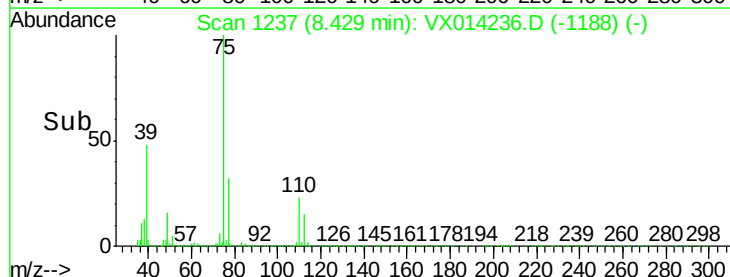
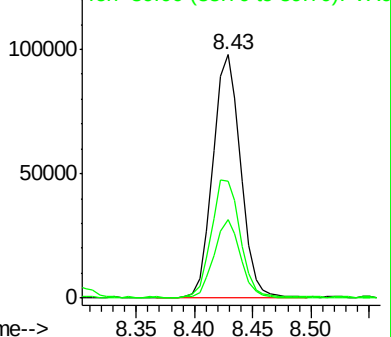
39 47.6 39.9 59.9

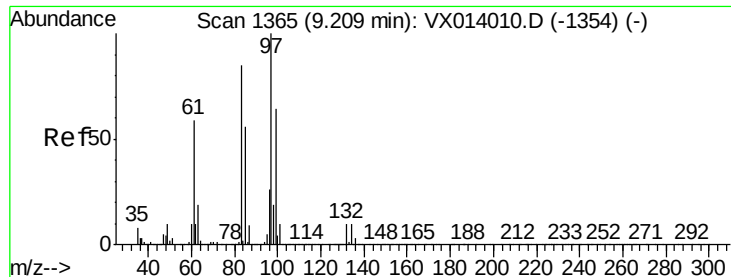


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

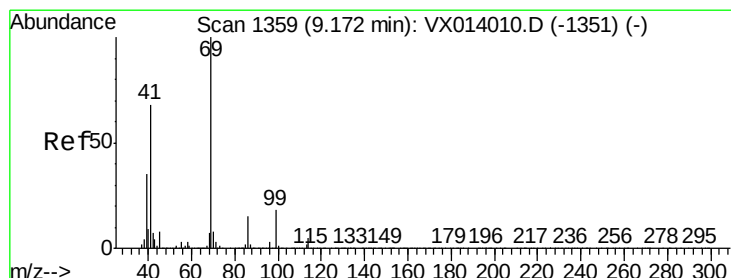
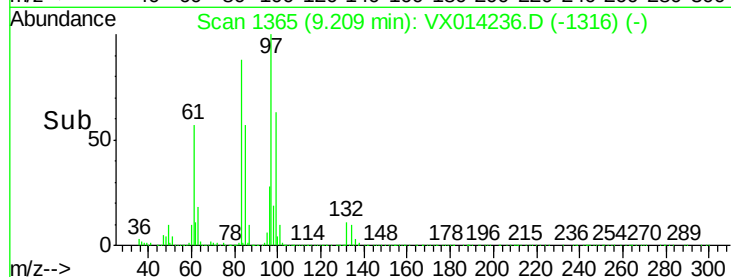
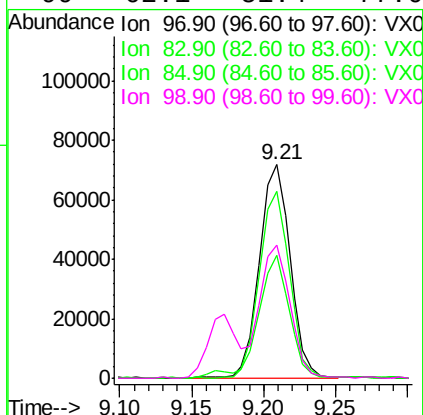
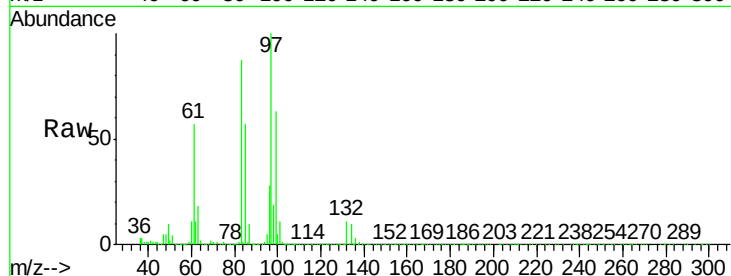




#55
 1,1,2-Trichloroethane
 Concen: 19.554 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014236.D
 Acq: 24 Dec 2019 11:45

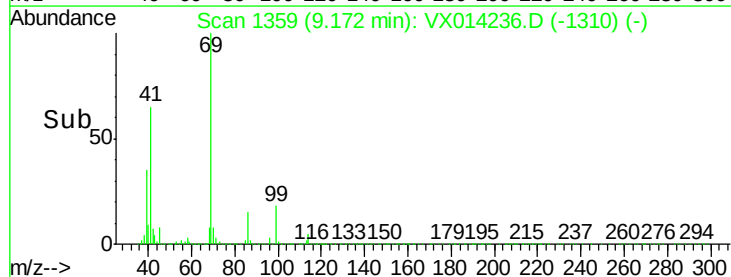
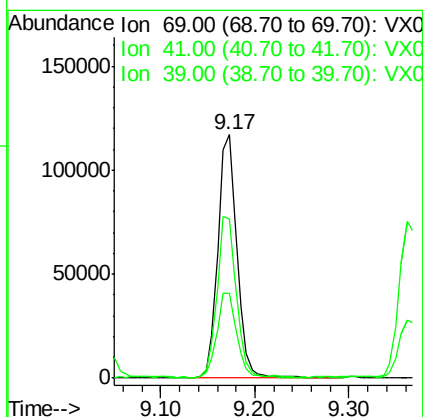
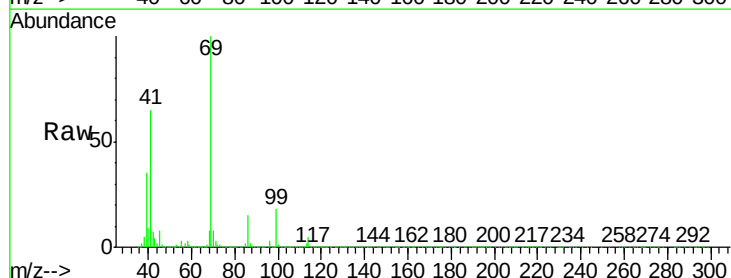
Instrument :
 MSVOA_X
 ClientSampled :
 VX1224MBS01

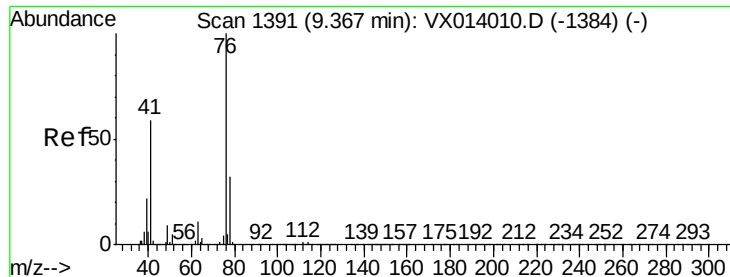
Tgt Ion:	97	Resp:	105880
Ion	Ratio	Lower	Upper
97	100		
83	87.1	68.2	102.4
85	57.1	44.6	66.8
99	62.1	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 19.232 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014236.D
 Acq: 24 Dec 2019 11:45

Tgt Ion:	69	Resp:	163579
Ion	Ratio	Lower	Upper
69	100		
41	68.0	54.8	82.2
39	35.9	28.3	42.5





#57

1,3-Dichloropropane

Concen: 19.796 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Instrument :

MSVOA_X

ClientSampled :

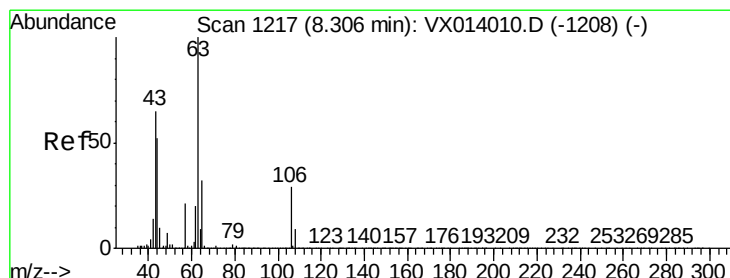
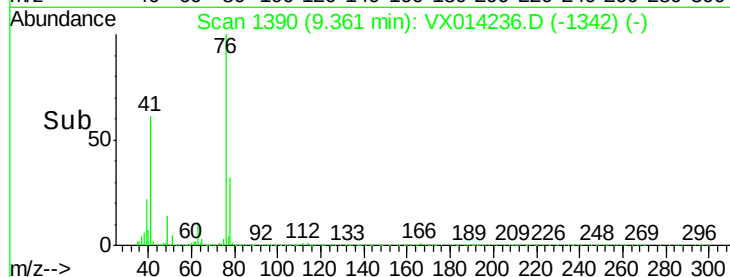
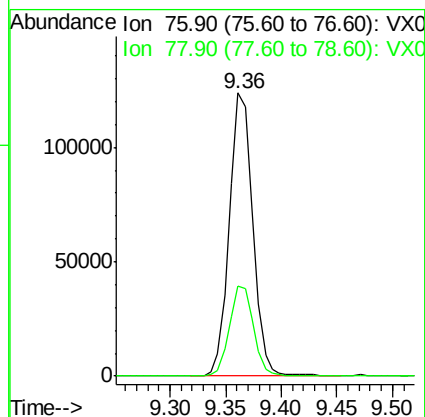
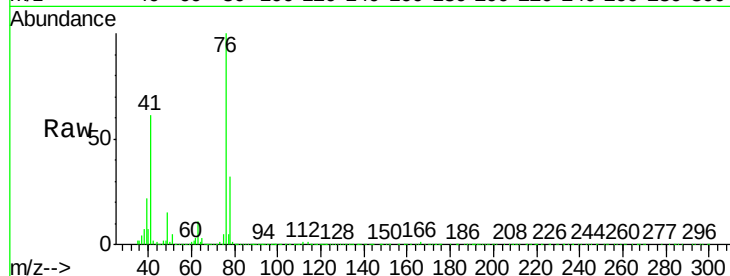
VX1224MBS01

Tgt Ion: 76 Resp: 180346

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 102.438 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014236.D

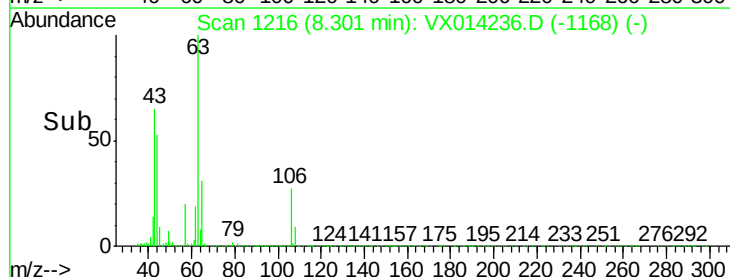
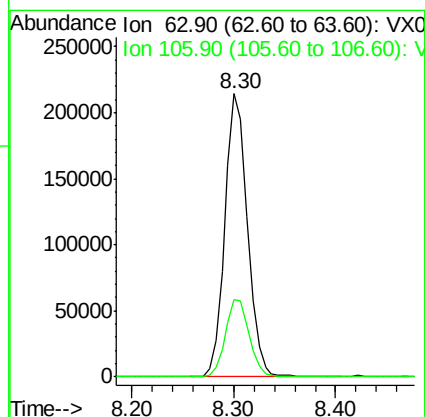
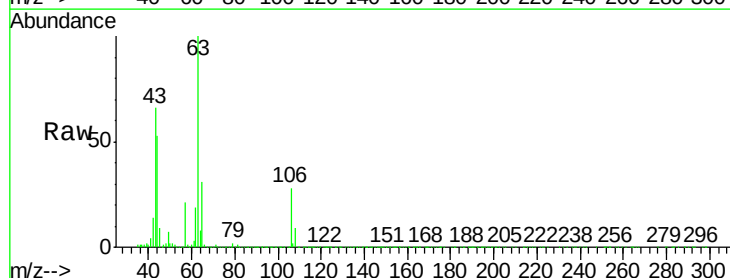
Acq: 24 Dec 2019 11:45

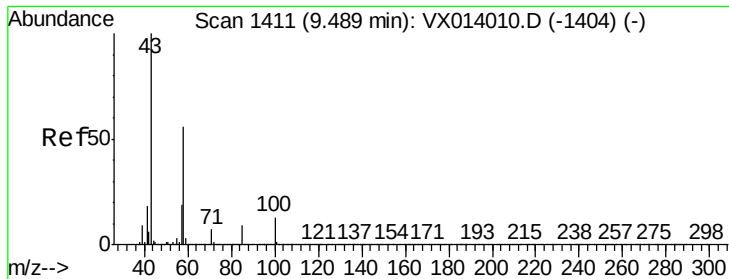
Tgt Ion: 63 Resp: 329735

Ion Ratio Lower Upper

63 100

106 28.7 23.0 34.6

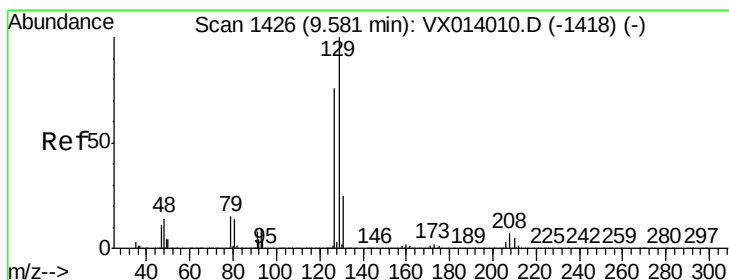
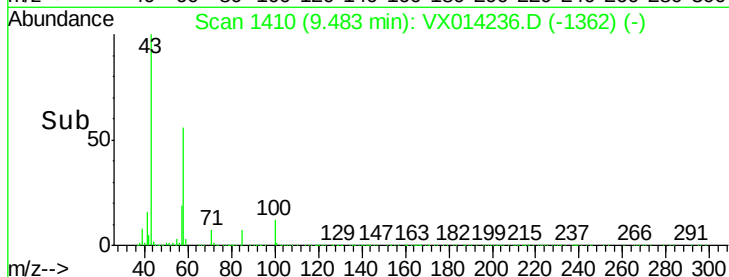
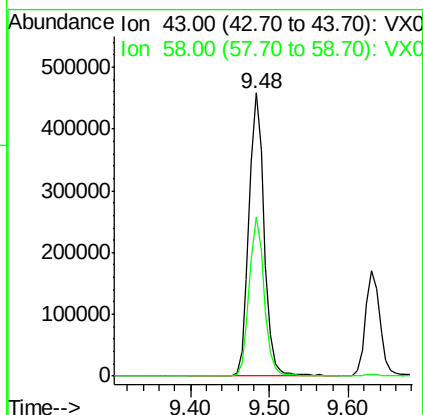
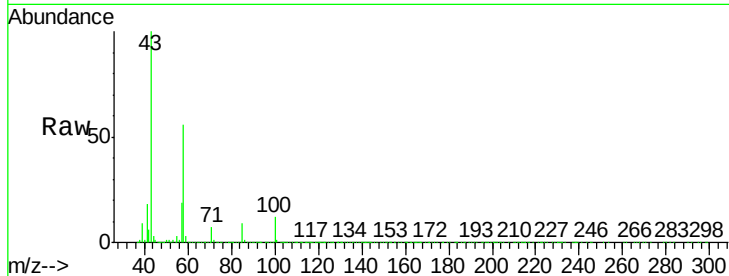




#59
2-Hexanone
Concen: 95.390 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

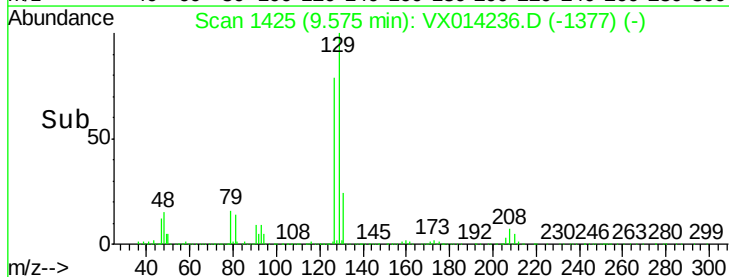
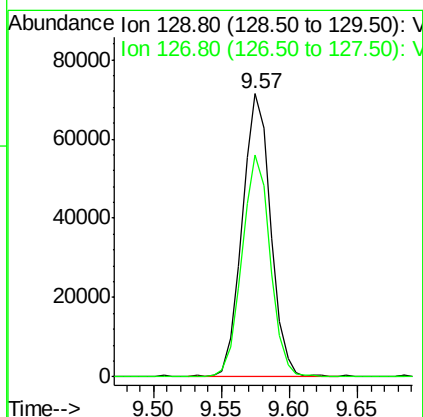
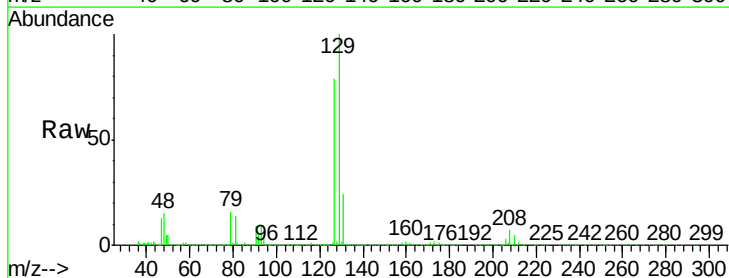
Instrument :
MSVOA_X
ClientSampleId :
VX1224MBS01

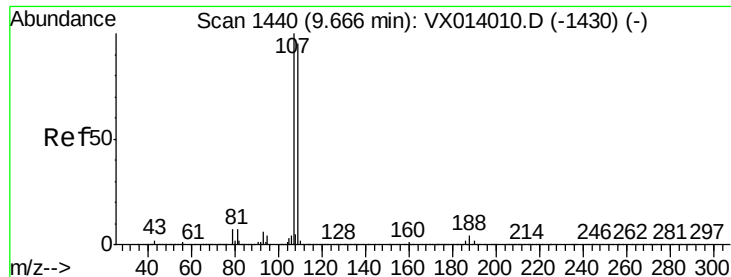
Tgt Ion: 43 Resp: 612250
Ion Ratio Lower Upper
43 100
58 55.6 28.0 84.0



#60
Dibromochloromethane
Concen: 19.320 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Tgt Ion: 129 Resp: 103986
Ion Ratio Lower Upper
129 100
127 77.3 38.4 115.2





#61

1,2-Dibromoethane

Concen: 19.798 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

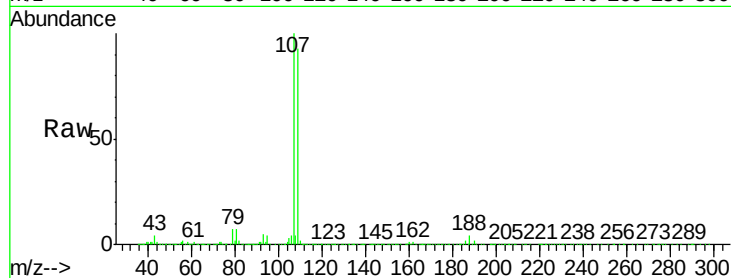
VX1224MBS01

Tgt Ion: 107 Resp: 109684

Ion Ratio Lower Upper

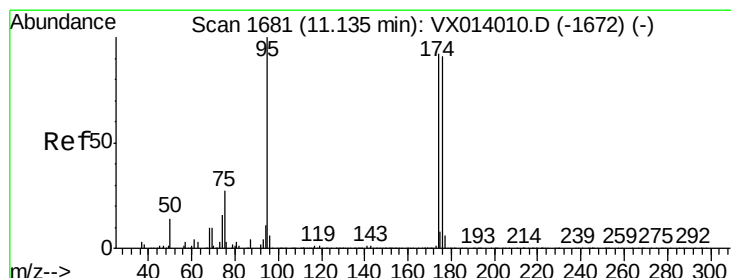
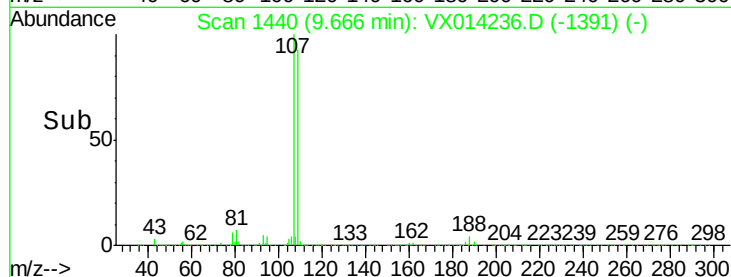
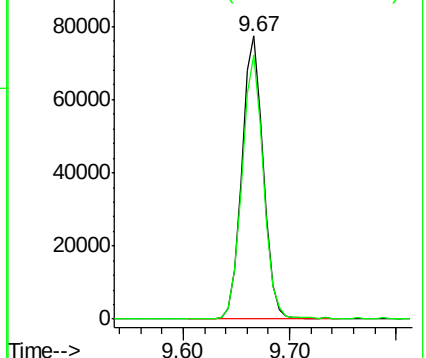
107 100

109 92.8 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: 48.536 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

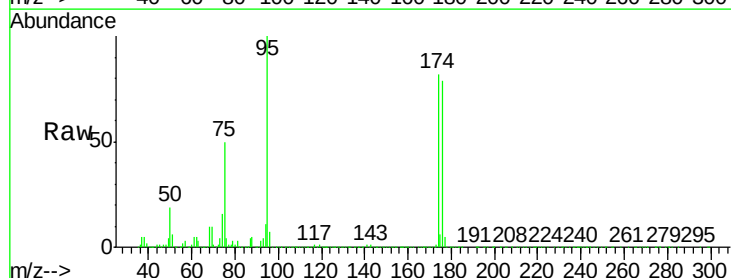
Tgt Ion: 95 Resp: 317902

Ion Ratio Lower Upper

95 100

174 87.0 0.0 175.8

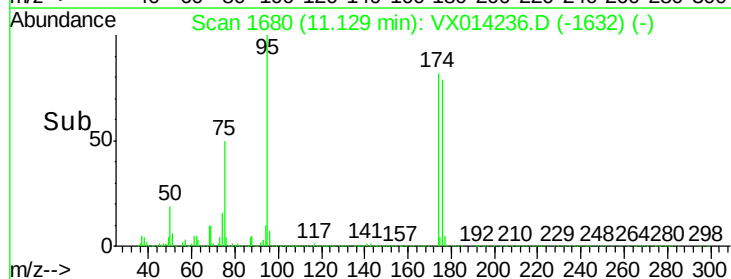
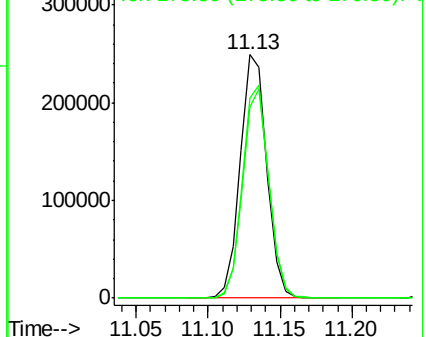
176 84.7 0.0 173.0

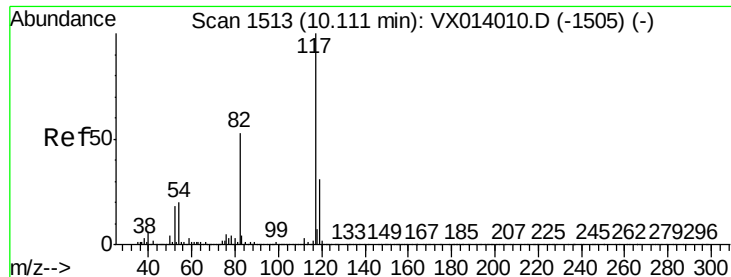


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

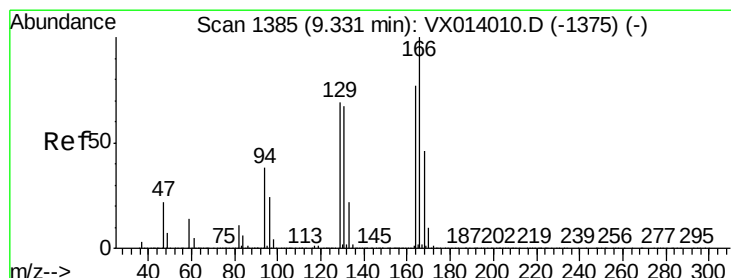
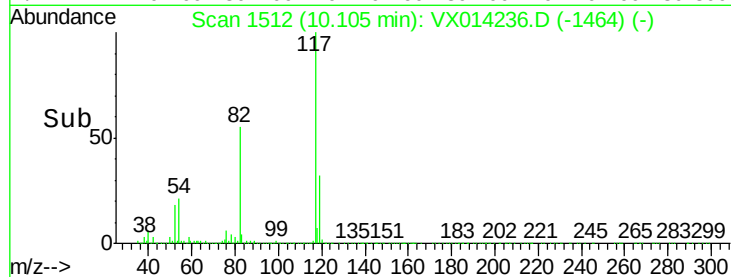
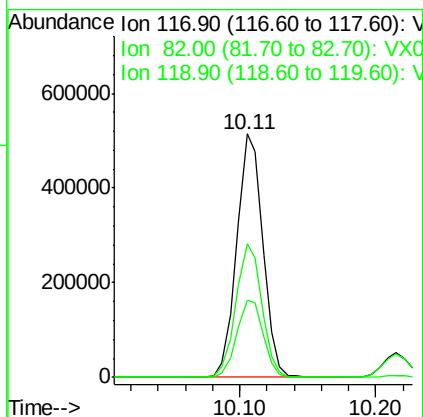
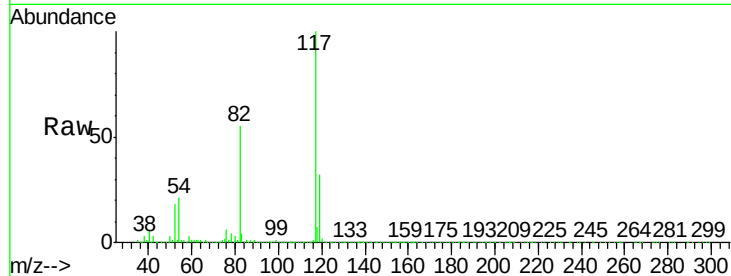




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

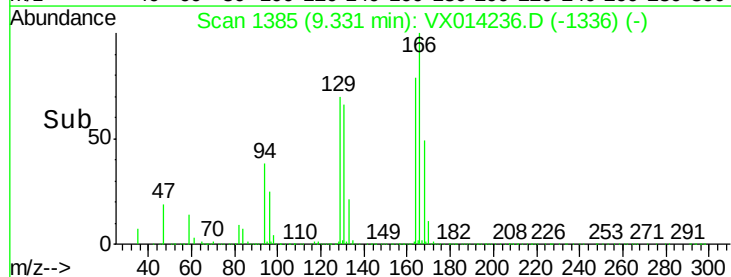
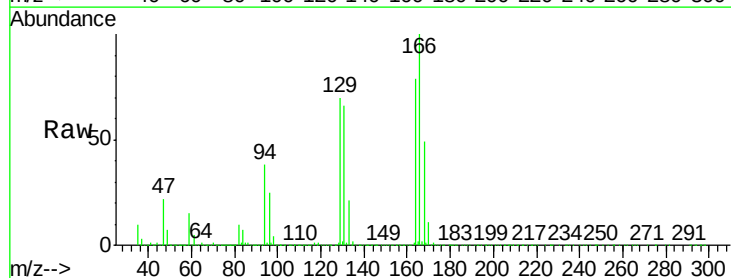
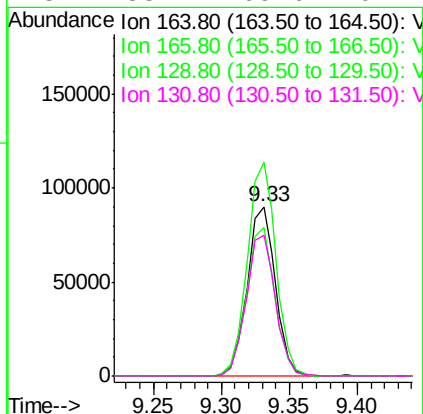
Instrument :
MSVOA_X
ClientSampleId :
VX1224MBS01

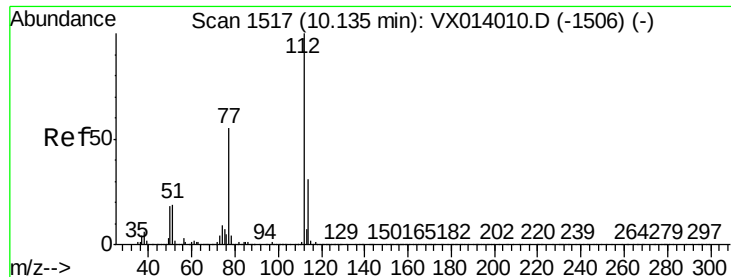
Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.8	42.2	63.4
119	31.5	25.1	37.7



#64
Tetrachloroethene
Concen: 21.626 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.0	104.0	156.0
129	87.7	72.2	108.4
131	83.1	69.6	104.4

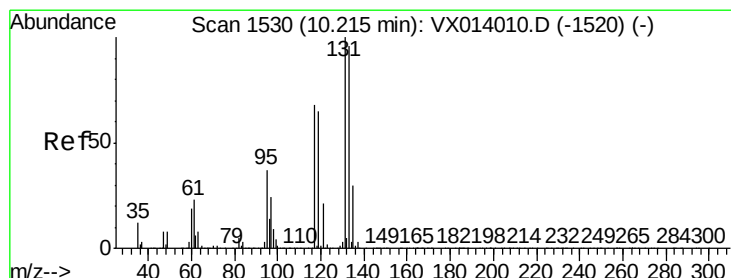
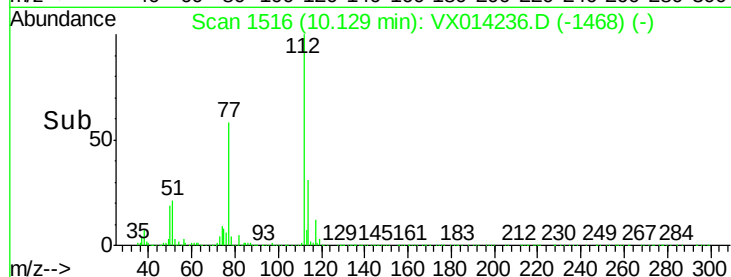
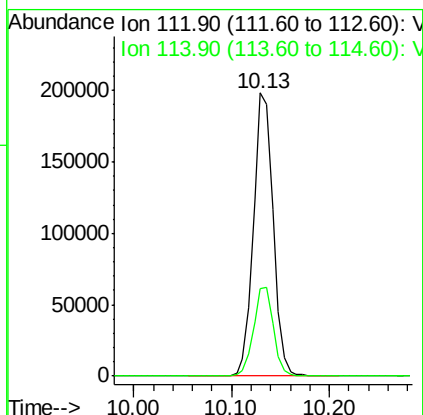
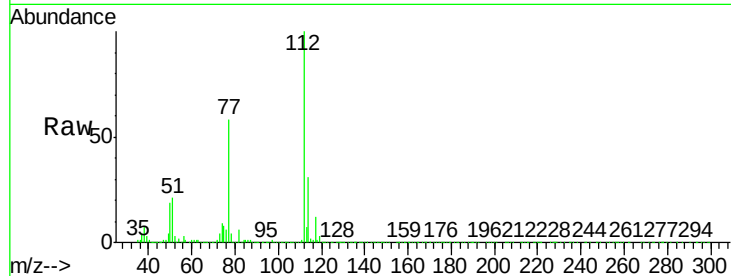




#65
Chlorobenzene
Concen: 19.011 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

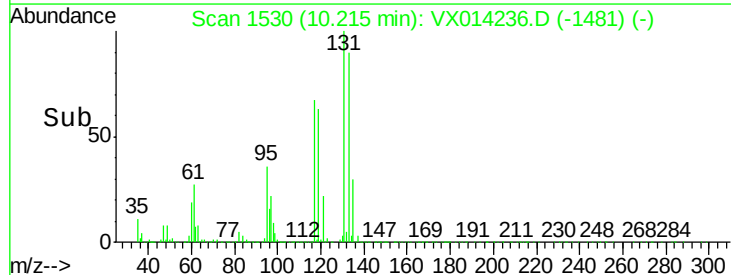
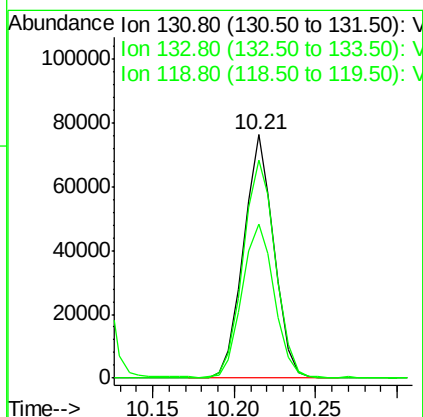
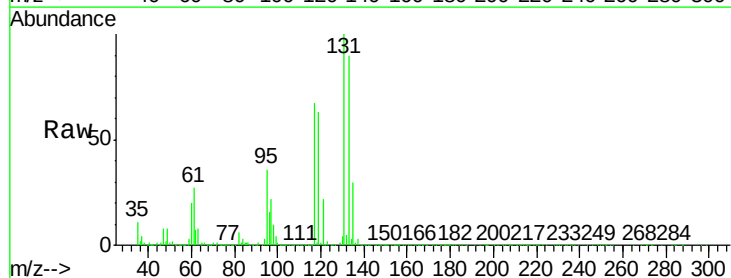
Instrument :
MSVOA_X
ClientSampleId :
VX1224MBS01

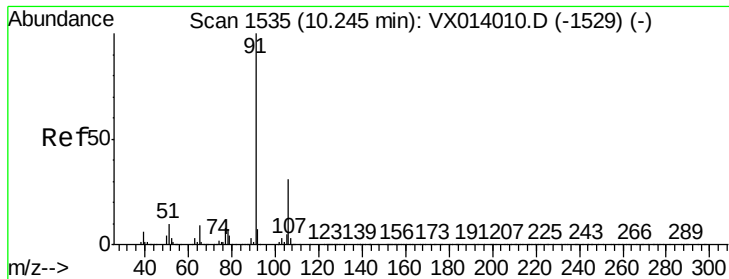
Tgt Ion:112 Resp: 276719
Ion Ratio Lower Upper
112 100
114 31.1 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.001 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Tgt Ion:131 Resp: 98752
Ion Ratio Lower Upper
131 100
133 95.4 48.0 144.0
119 67.6 33.4 100.2

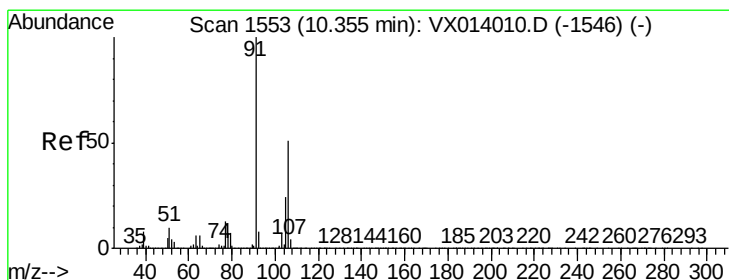
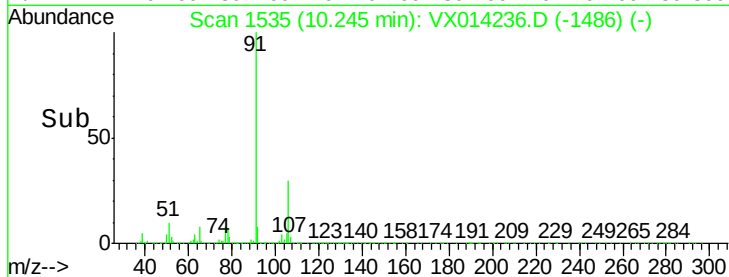
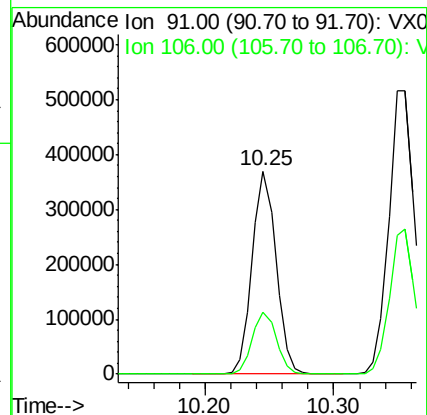
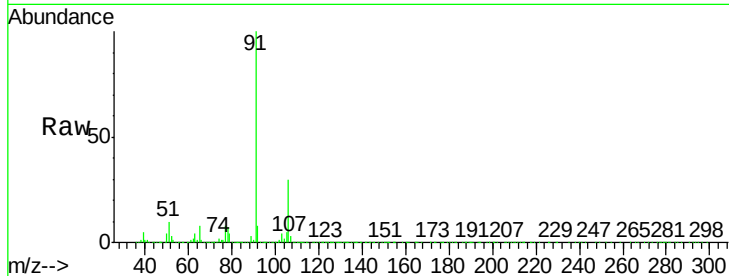




#67
Ethyl Benzene
Concen: 18.846 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

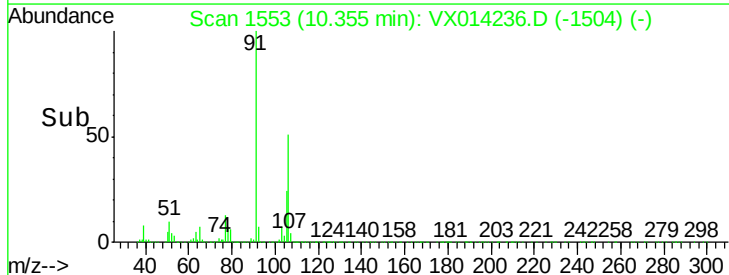
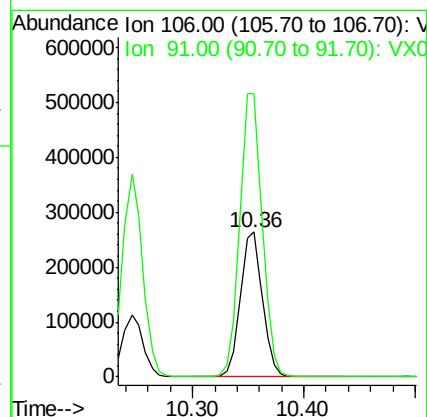
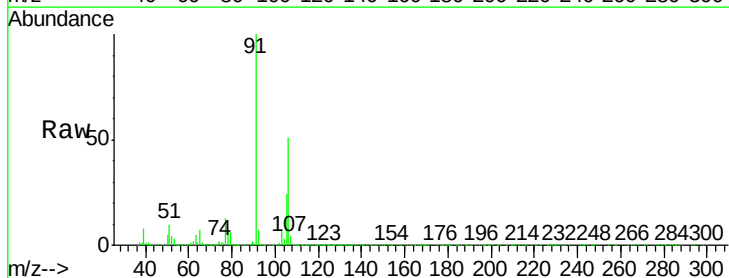
Instrument :
MSVOA_X
ClientSampleId :
VX1224MBS01

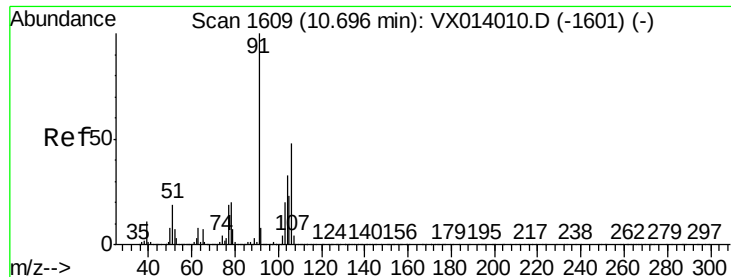
Tgt Ion: 91 Resp: 471612
Ion Ratio Lower Upper
91 100
106 30.4 25.0 37.6



#68
m/p-Xylenes
Concen: 37.332 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Tgt Ion: 106 Resp: 359308
Ion Ratio Lower Upper
106 100
91 199.8 158.6 238.0

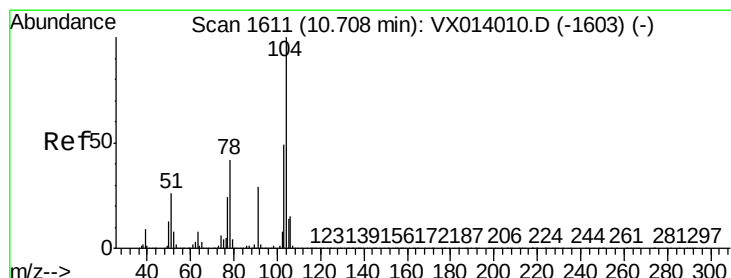
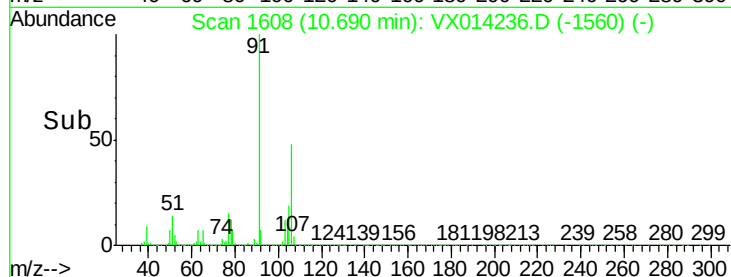
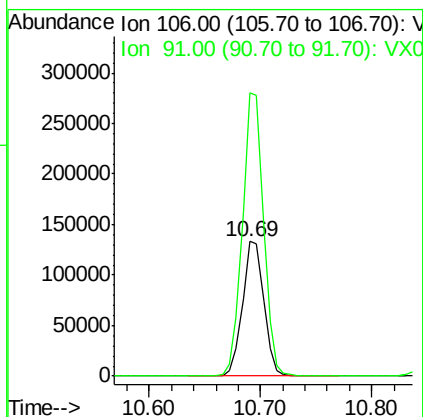
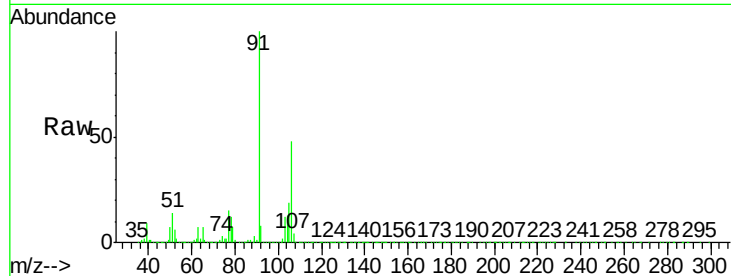




#69
o-Xylene
Concen: 18.777 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

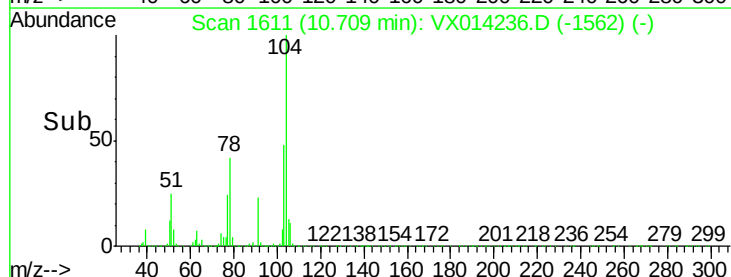
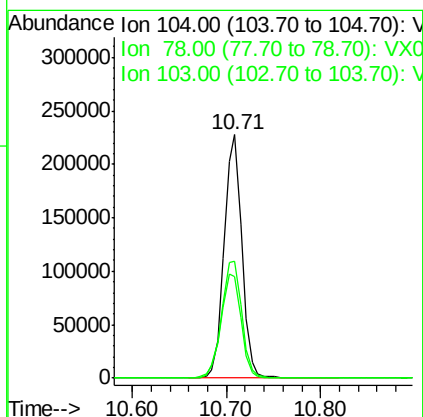
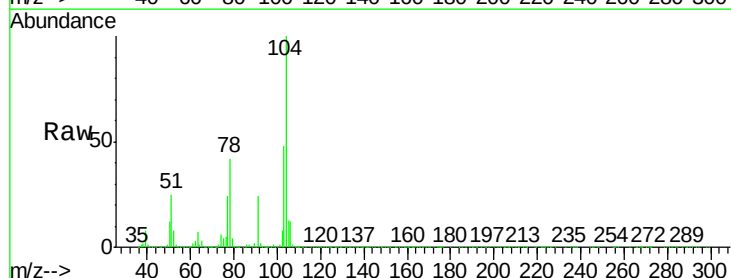
Instrument :
MSVOA_X
ClientSampleId :
VX1224MBS01

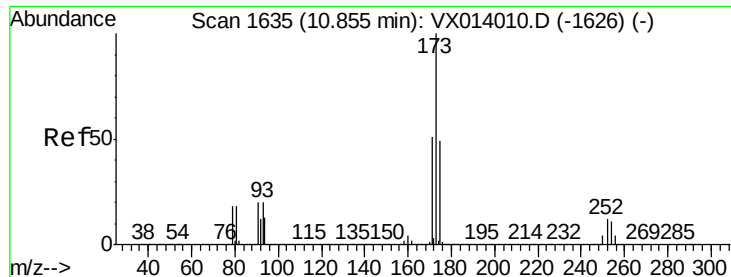
Tgt Ion:106 Resp: 177250
Ion Ratio Lower Upper
106 100
91 208.7 104.2 312.6



#70
Styrene
Concen: 18.627 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Tgt Ion:104 Resp: 297327
Ion Ratio Lower Upper
104 100
78 48.6 38.5 57.7
103 55.1 42.9 64.3





#71

Bromoform

Concen: 18.379 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX1224MBS01

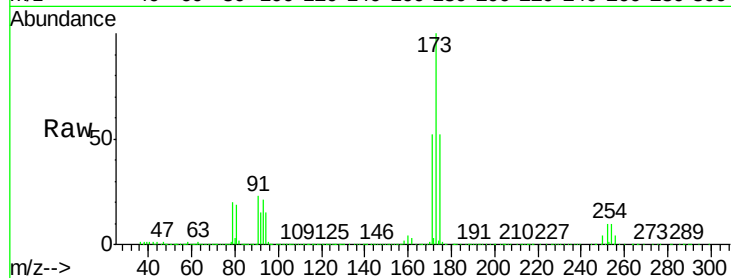
Tgt Ion:173 Resp: 76783

Ion Ratio Lower Upper

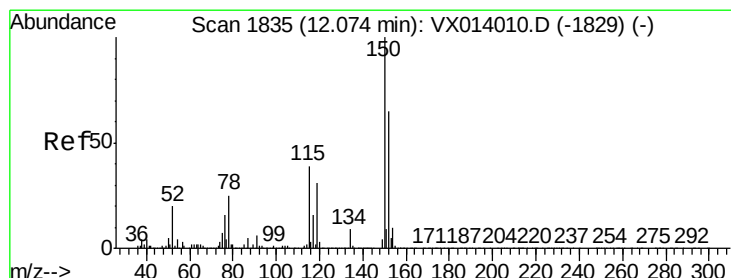
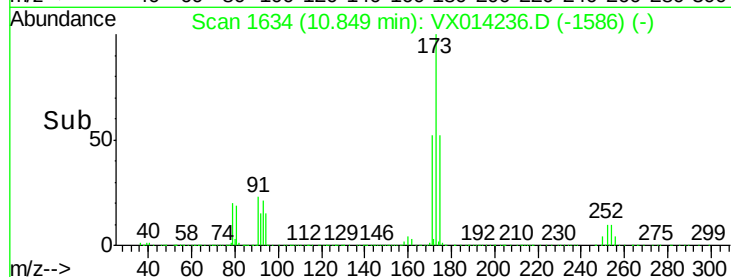
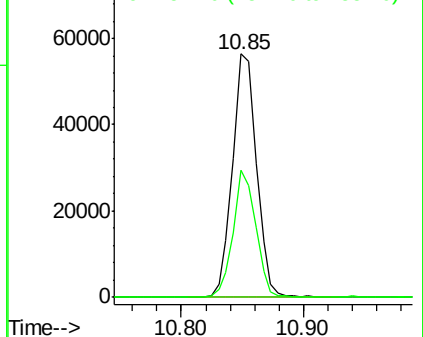
173 100

175 48.5 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: VX014236.D

Acq: 24 Dec 2019 11:45

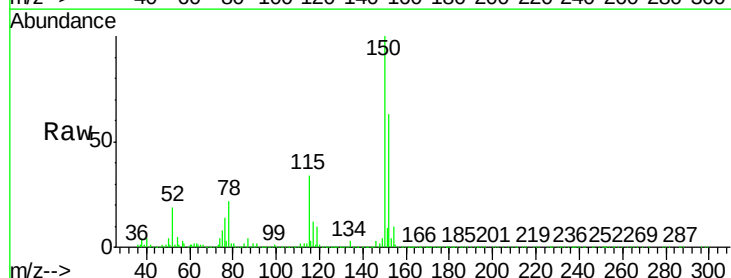
Tgt Ion:152 Resp: 338315

Ion Ratio Lower Upper

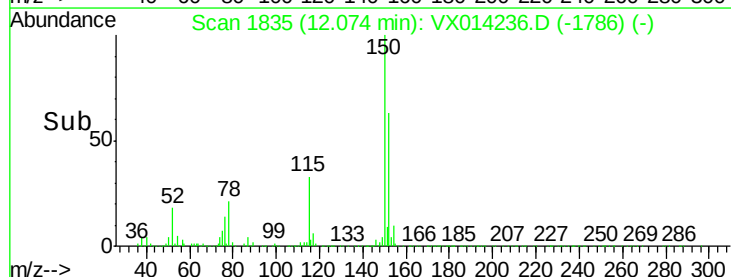
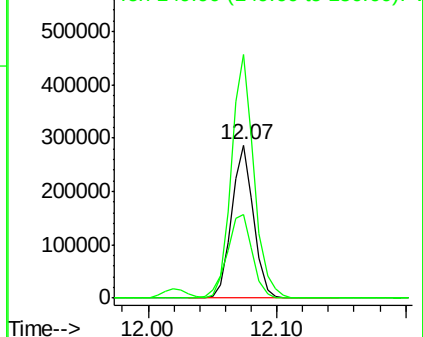
152 100

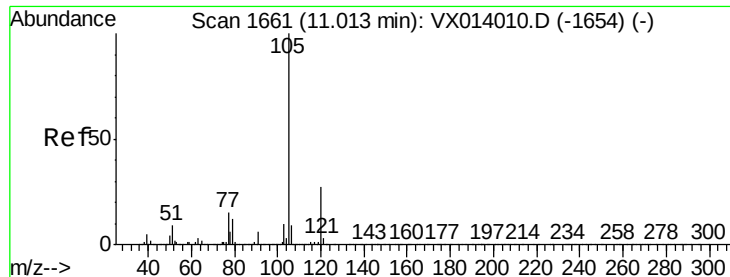
115 64.1 38.3 114.9

150 164.7 0.0 345.4



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





#73

Isopropylbenzene

Concen: 19.729 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

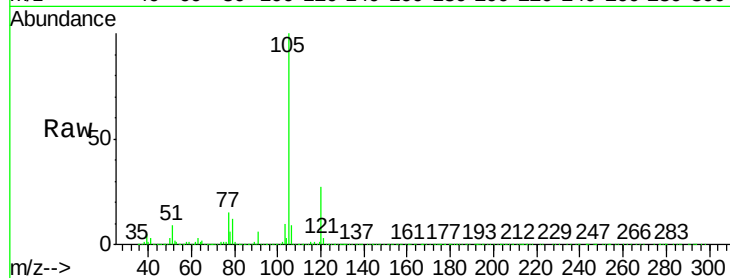
VX1224MBS01

Tgt Ion:105 Resp: 469949

Ion Ratio Lower Upper

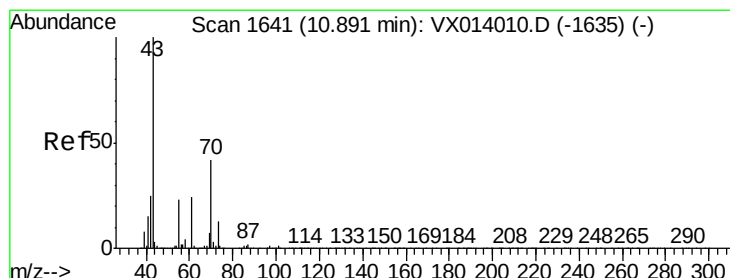
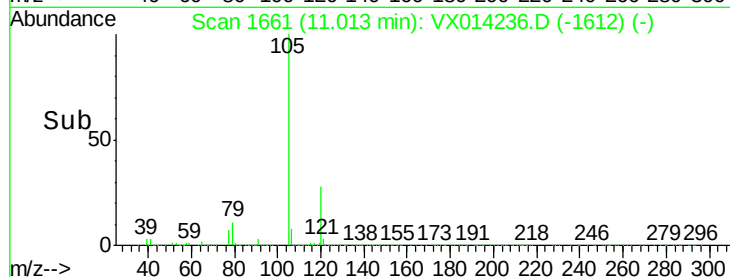
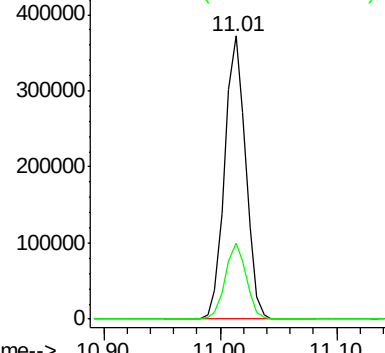
105 100

120 26.9 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: 18.653 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Tgt Ion: 43 Resp: 208273

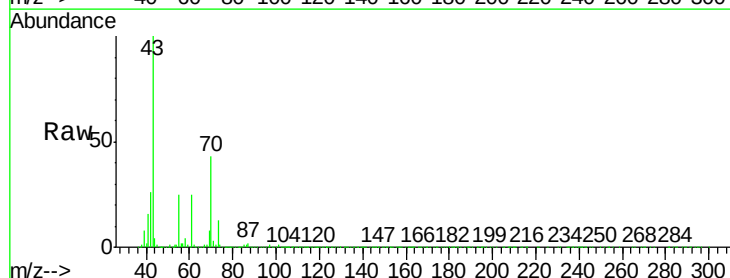
Ion Ratio Lower Upper

43 100

70 42.7 34.4 51.6

55 23.9 19.1 28.7

61 24.4 19.7 29.5

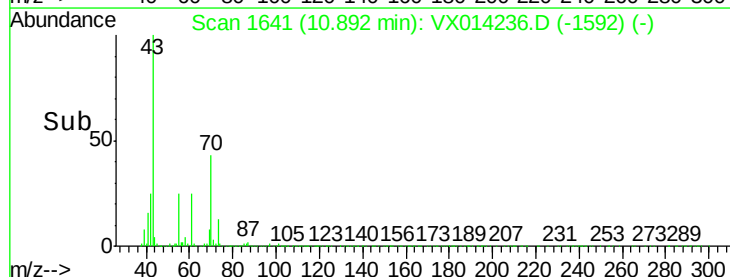
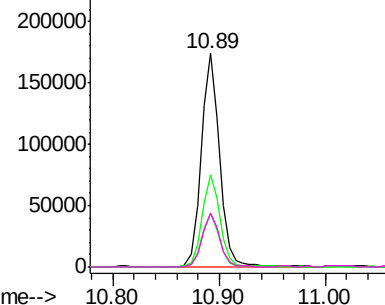


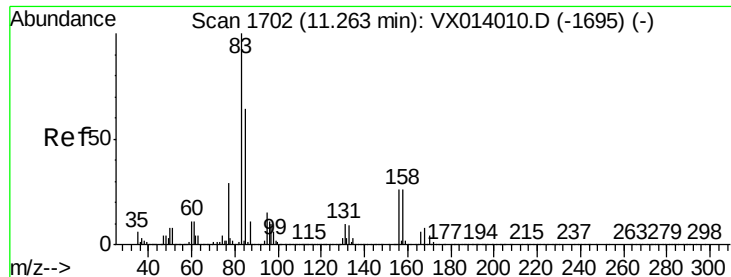
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 19.005 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX1224MBS01

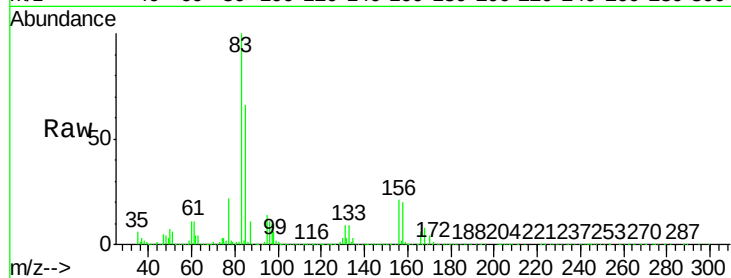
Tgt Ion: 83 Resp: 156948

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.2

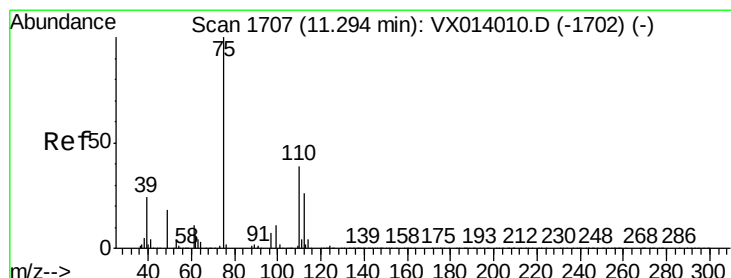
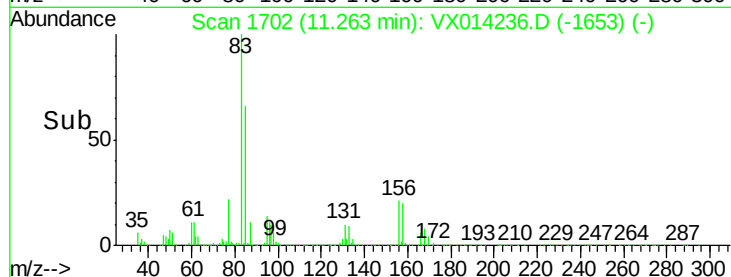
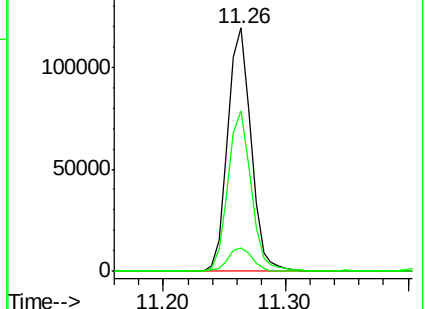
85 65.5 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.833 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014236.D

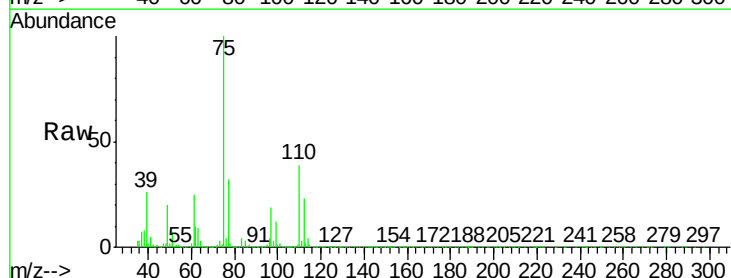
Acq: 24 Dec 2019 11:45

Tgt Ion: 75 Resp: 175045

Ion Ratio Lower Upper

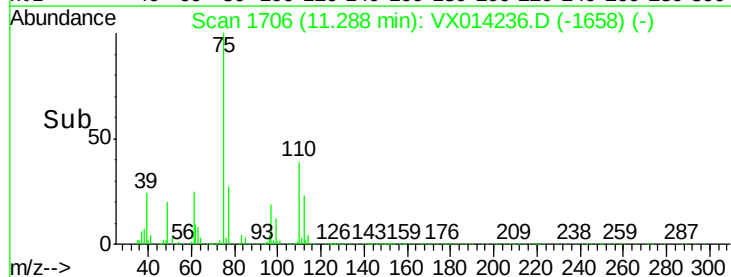
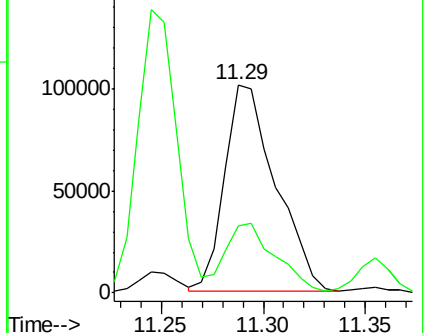
75 100

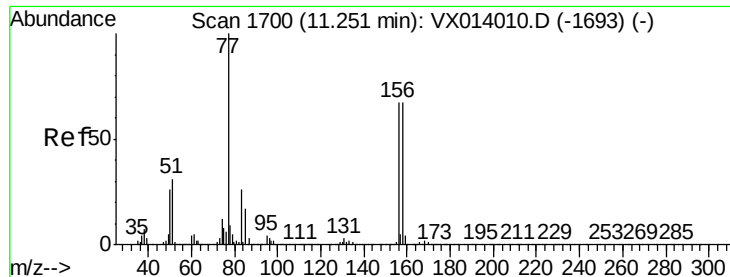
77 33.3 19.3 57.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.618 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX1224MBS01

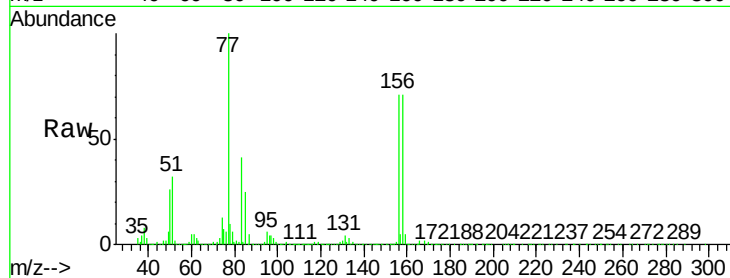
Tgt Ion: 156 Resp: 122020

Ion Ratio Lower Upper

156 100

77 149.8 76.5 229.5

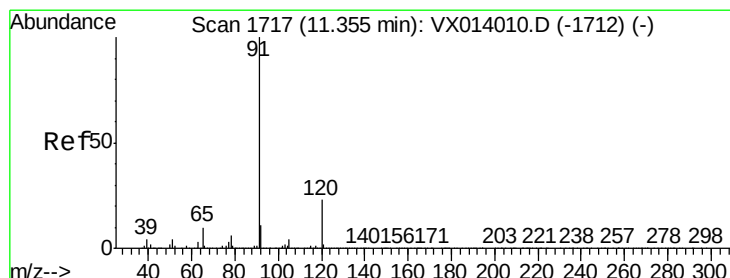
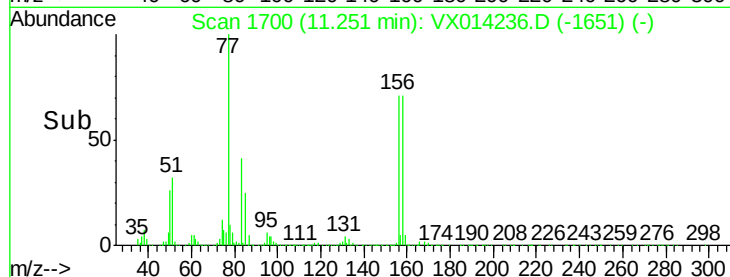
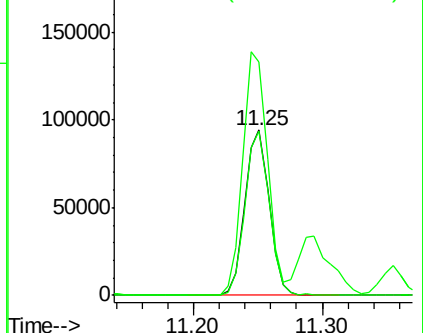
158 98.9 49.3 147.9



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: 19.541 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014236.D

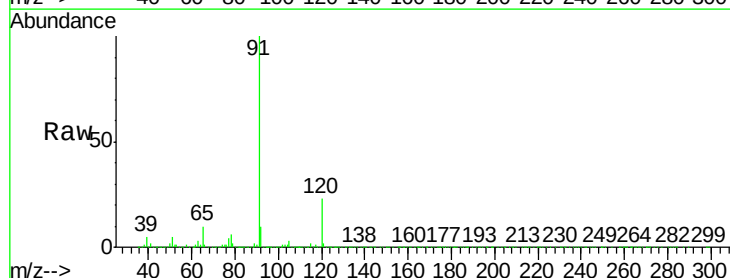
Acq: 24 Dec 2019 11:45

Tgt Ion: 91 Resp: 522090

Ion Ratio Lower Upper

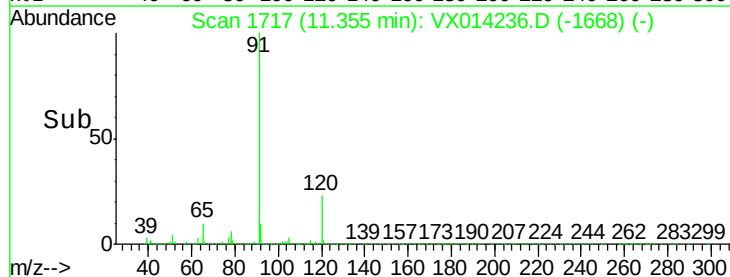
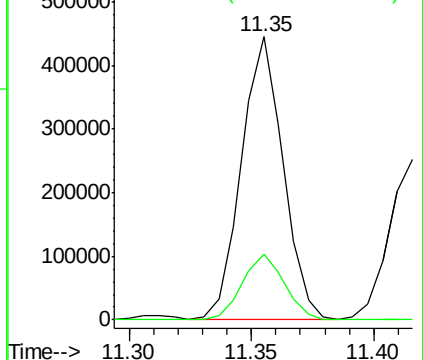
91 100

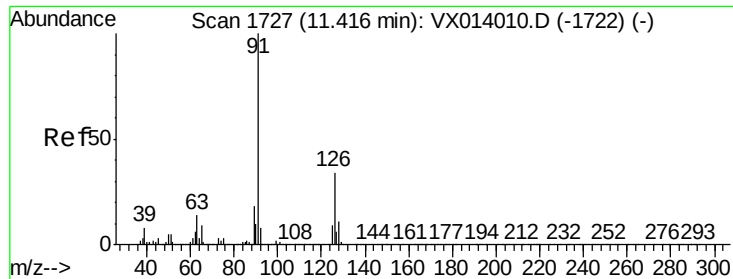
120 23.8 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.302 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

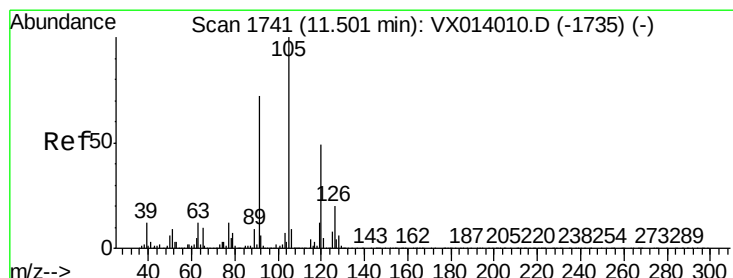
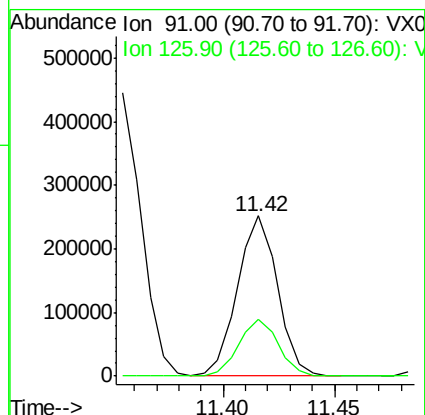
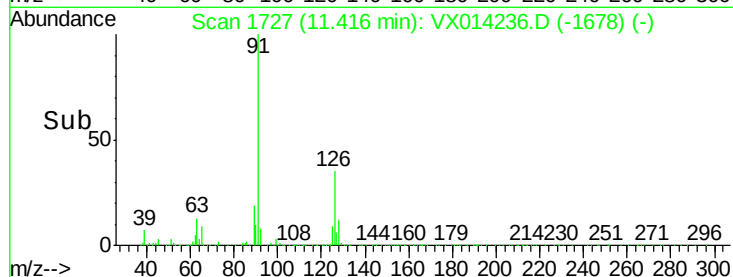
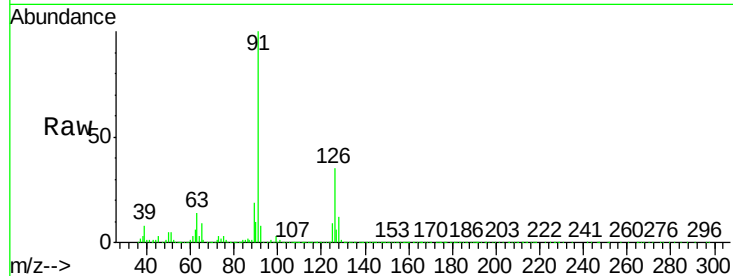
VX1224MBS01

Tgt Ion: 91 Resp: 313493

Ion Ratio Lower Upper

91 100

126 35.1 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 19.202 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014236.D

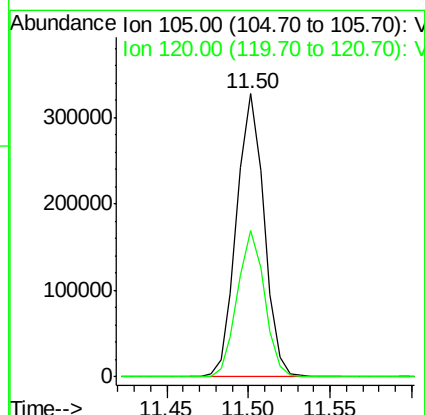
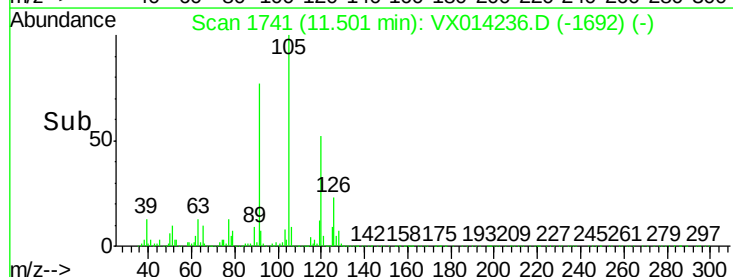
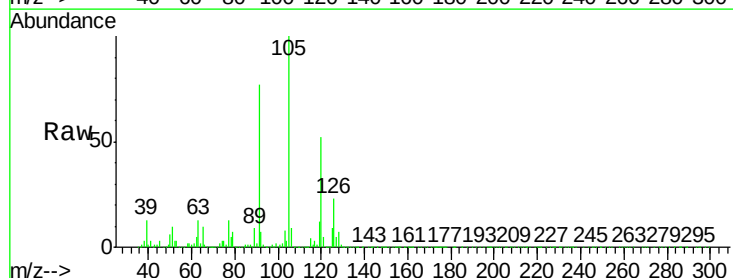
Acq: 24 Dec 2019 11:45

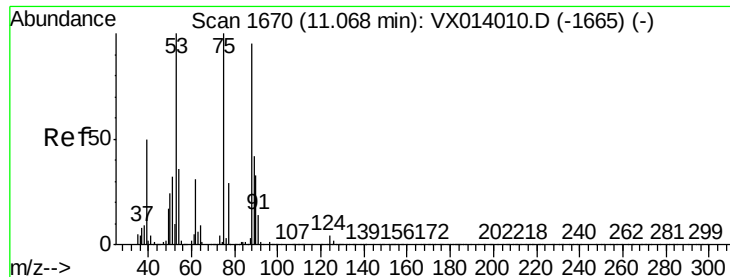
Tgt Ion: 105 Resp: 384940

Ion Ratio Lower Upper

105 100

120 51.0 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.980 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX1224MBS01

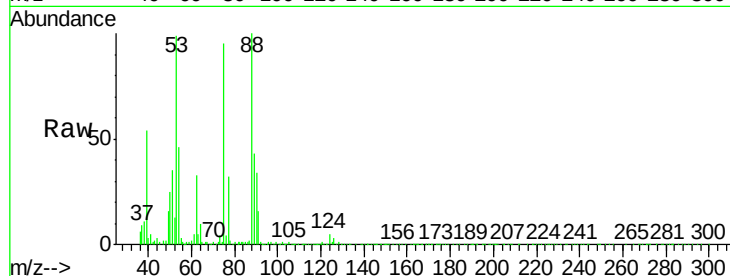
Tgt Ion: 75 Resp: 46788

Ion Ratio Lower Upper

75 100

53 106.4 76.7 115.1

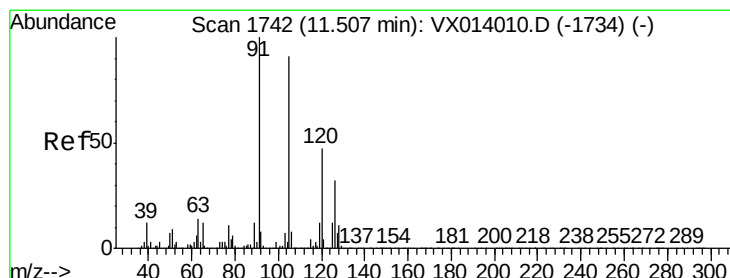
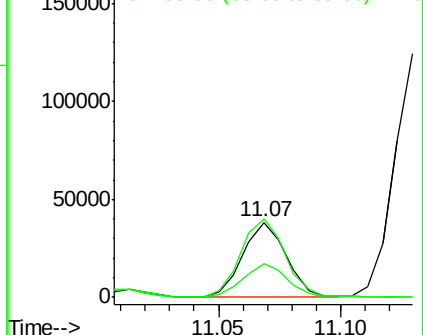
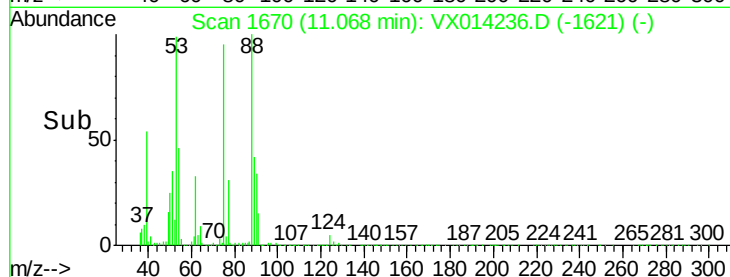
89 45.6 34.6 51.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 18.936 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014236.D

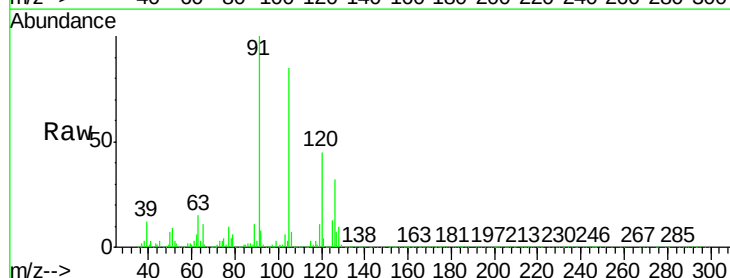
Acq: 24 Dec 2019 11:45

Tgt Ion: 91 Resp: 356743

Ion Ratio Lower Upper

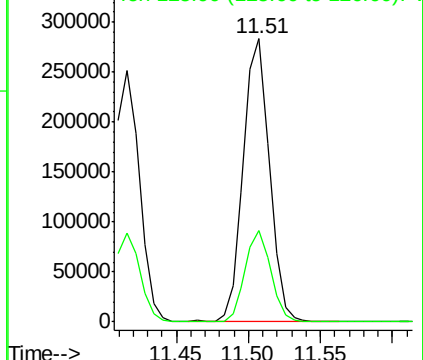
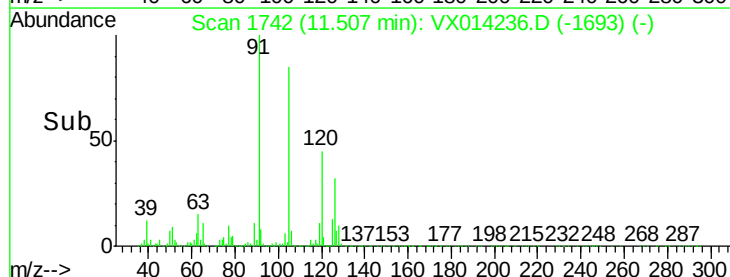
91 100

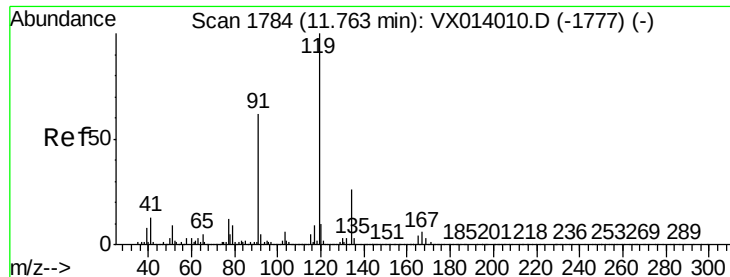
126 31.4 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

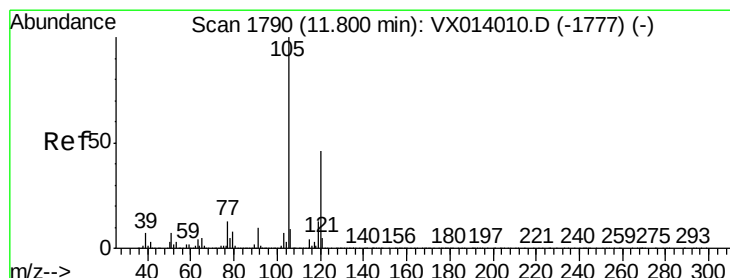
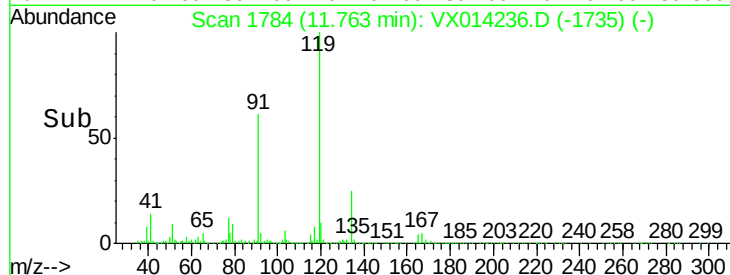
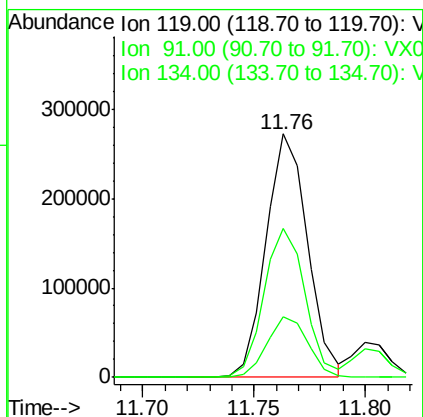
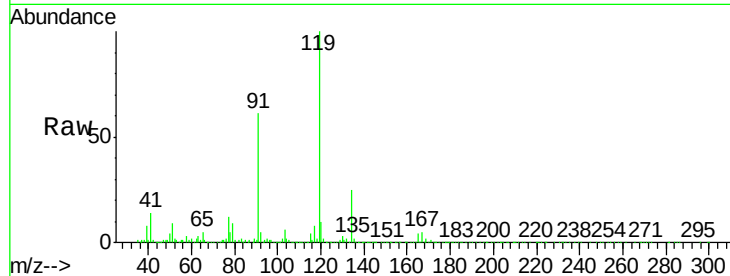




#83
tert-Butylbenzene
Concen: 18.107 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

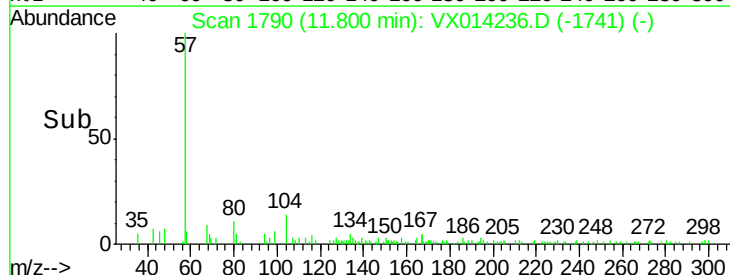
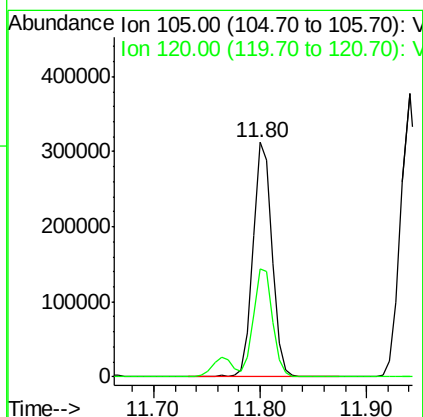
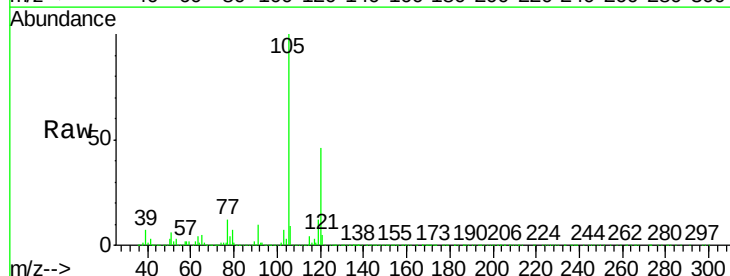
Instrument :
MSVOA_X
ClientSampleId :
VX1224MBS01

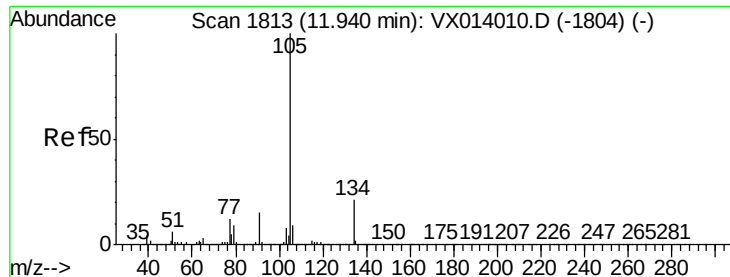
Tgt Ion	Ratio	Lower	Upper
119	100		
91	60.3	28.5	85.6
134	24.7	12.2	36.6



#84
1,2,4-Trimethylbenzene
Concen: 19.555 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.1	69.2





#85

sec-Butylbenzene

Concen: 19.306 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

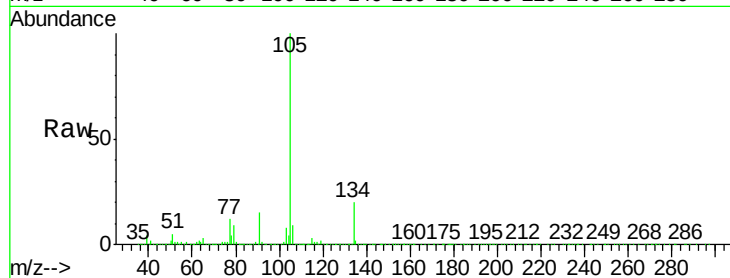
VX1224MBS01

Tgt Ion:105 Resp: 444634

Ion Ratio Lower Upper

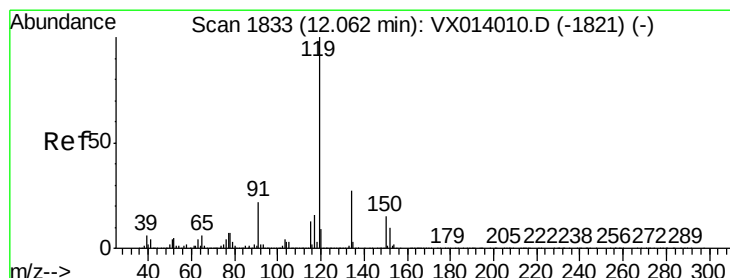
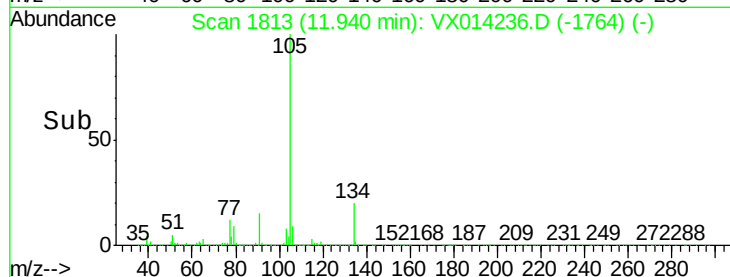
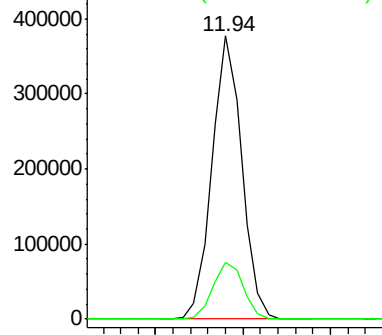
105 100

134 20.8 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.301 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

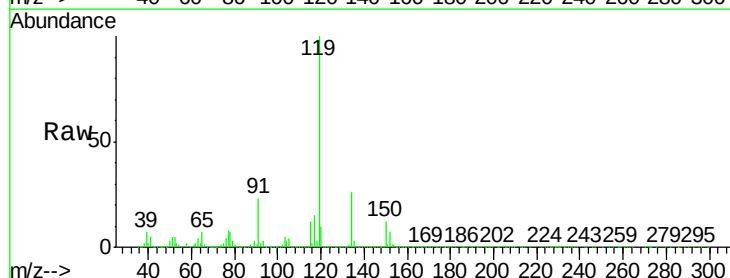
Tgt Ion:119 Resp: 406624

Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.1

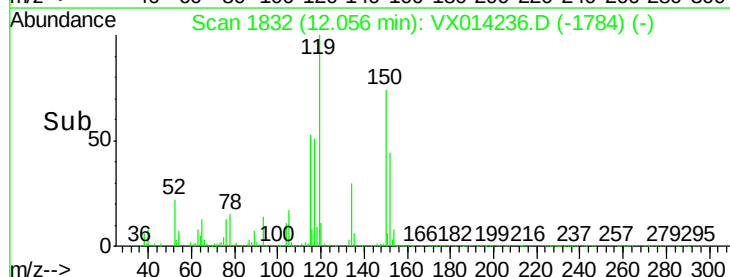
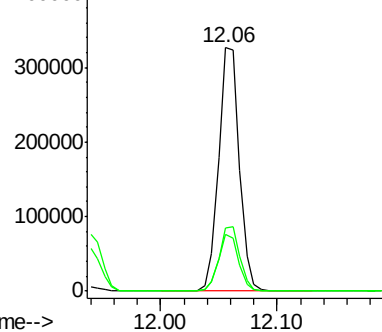
91 22.6 11.4 34.1

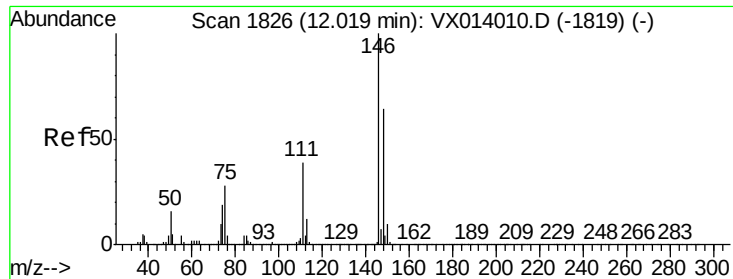


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 18.525 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

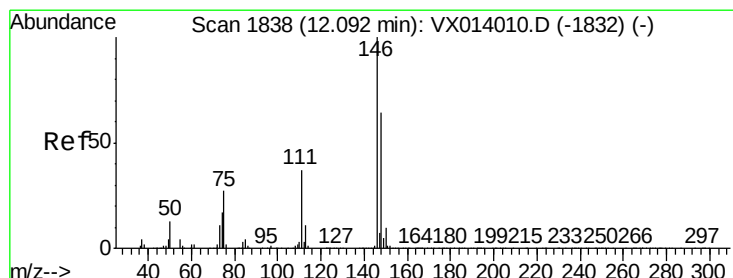
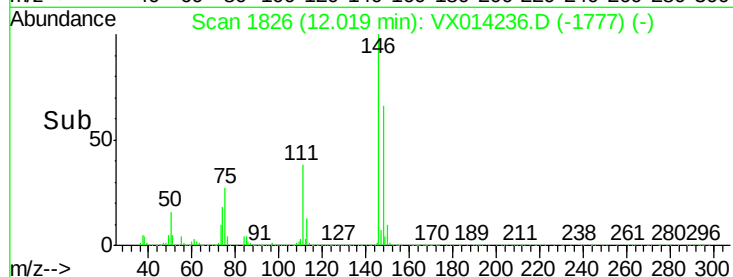
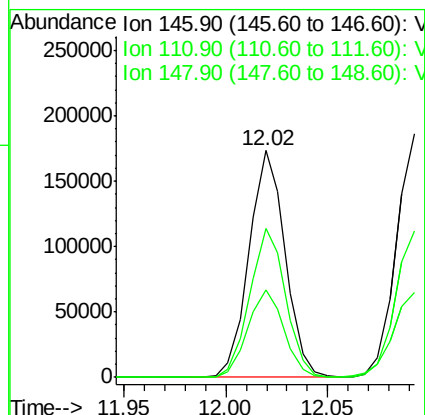
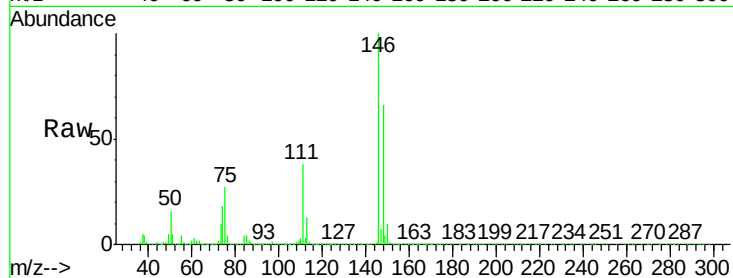
Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1224MBS01

Tgt Ion:146 Resp: 212778

Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.1	57.1
148	65.8	32.3	96.9



#88

1,4-Dichlorobenzene

Concen: 18.549 ug/l

RT: 12.09 min Scan# 1838

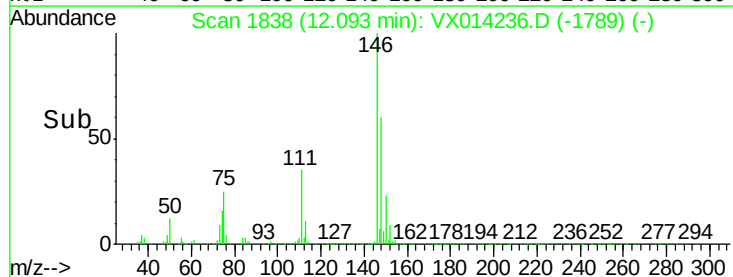
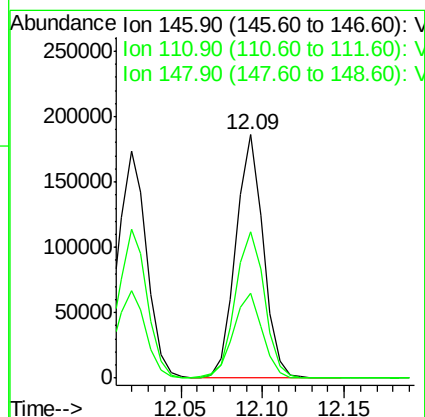
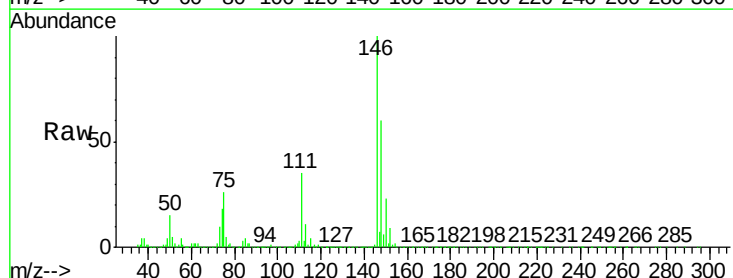
Delta R.T. 0.00 min

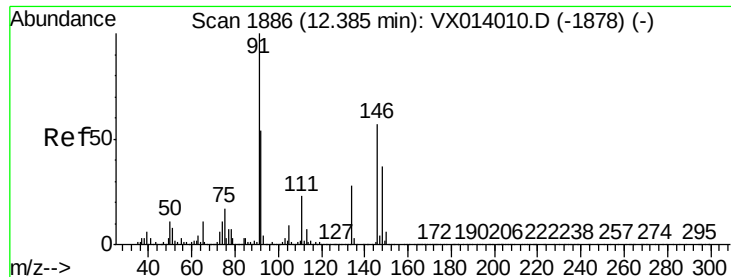
Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Tgt Ion:146 Resp: 216638

Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.7	56.1
148	64.2	31.9	95.9

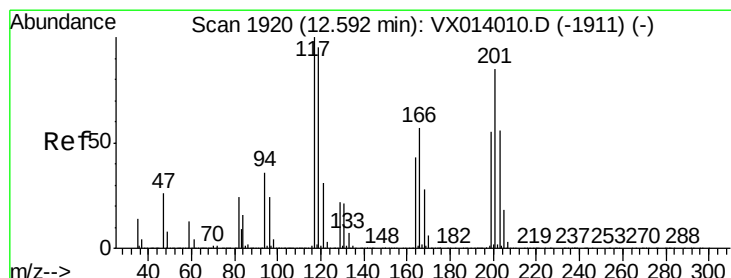
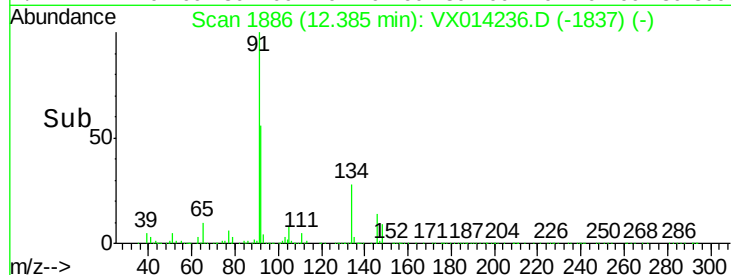
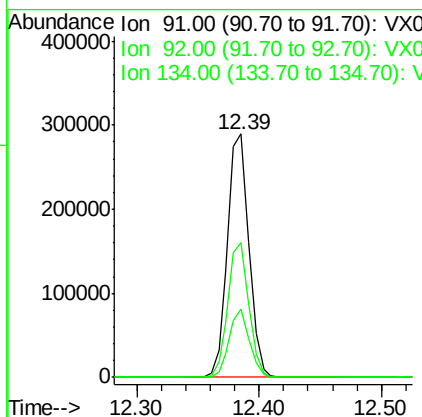
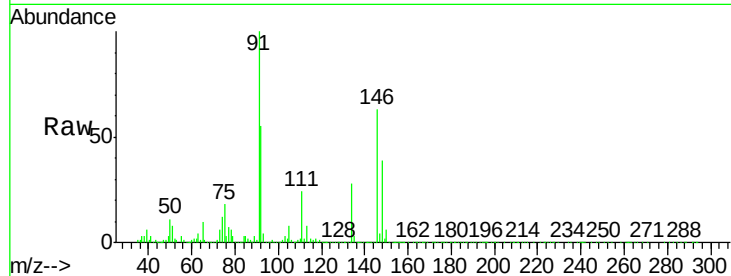




#89
n-Butylbenzene
Concen: 19.399 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

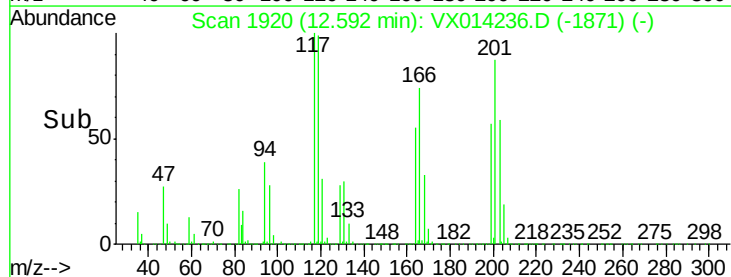
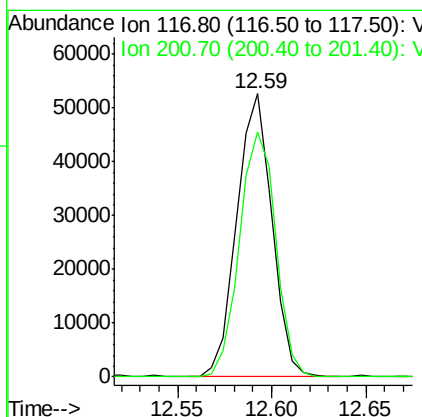
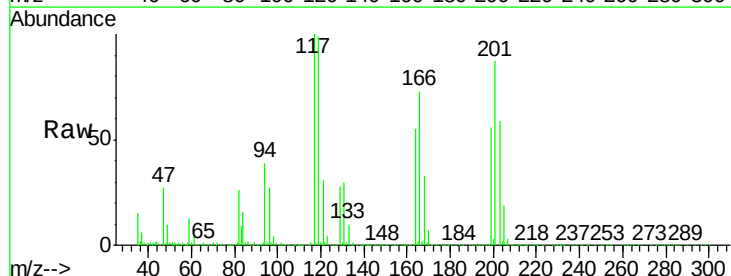
Instrument :
MSVOA_X
ClientSampleId :
VX1224MBS01

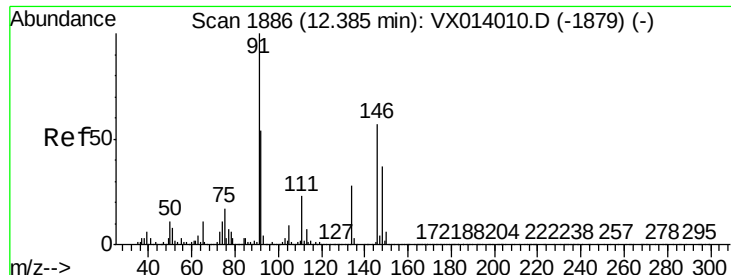
Tgt Ion: 91 Resp: 348716
Ion Ratio Lower Upper
91 100
92 54.2 27.2 81.6
134 26.3 13.4 40.1



#90
Hexachloroethane
Concen: 17.912 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Tgt Ion: 117 Resp: 67780
Ion Ratio Lower Upper
117 100
201 89.8 43.1 129.3

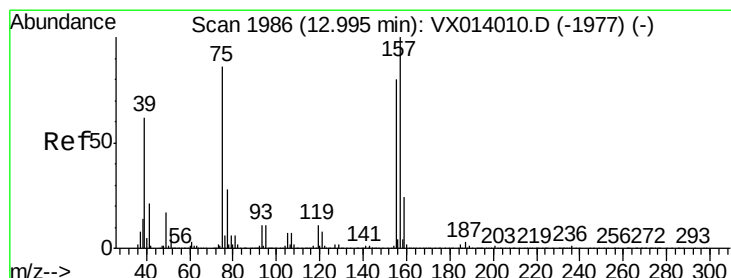
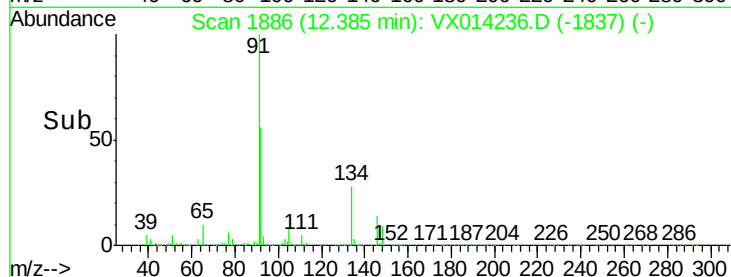
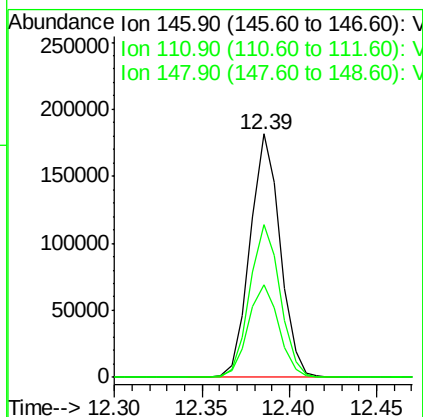
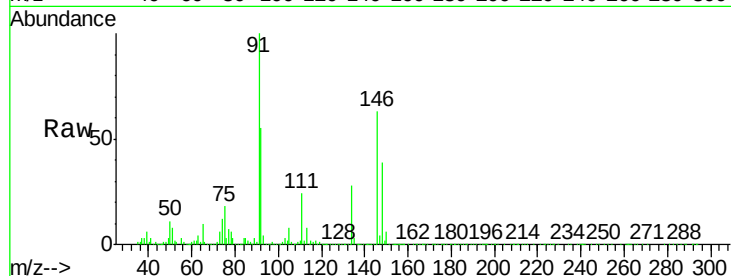




#91
 1,2-Dichlorobenzene
 Concen: 18.819 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014236.D
 Acq: 24 Dec 2019 11:45

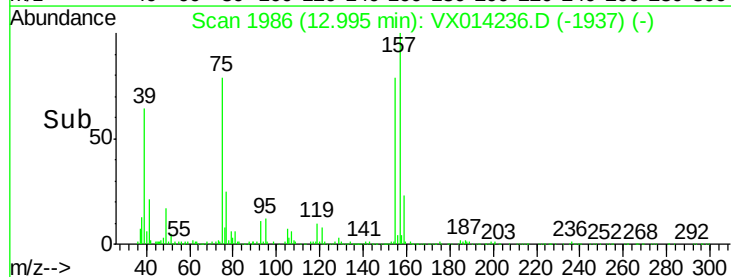
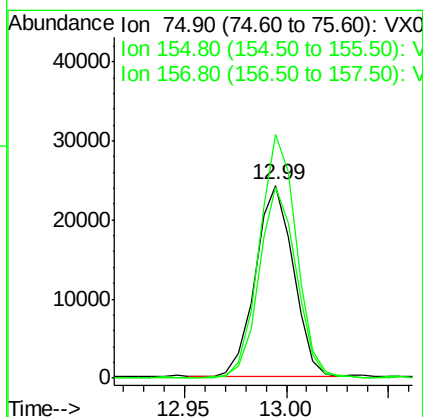
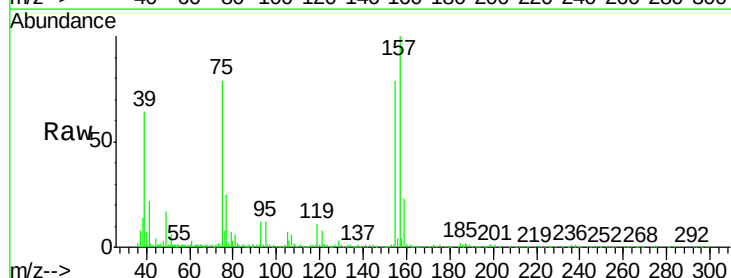
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224MBS01

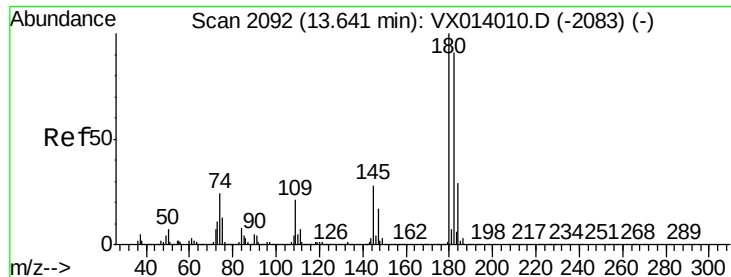
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.7	59.1
148	63.4	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.125 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014236.D
 Acq: 24 Dec 2019 11:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.5	46.9	140.6
157	123.0	60.8	182.4

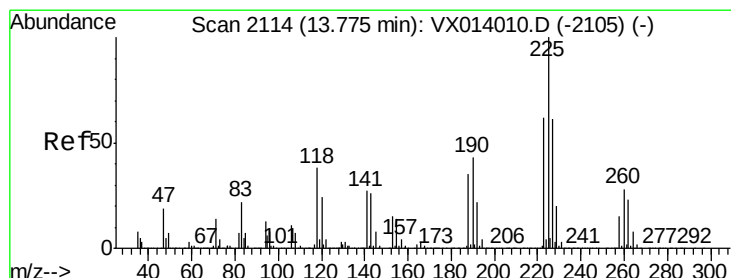
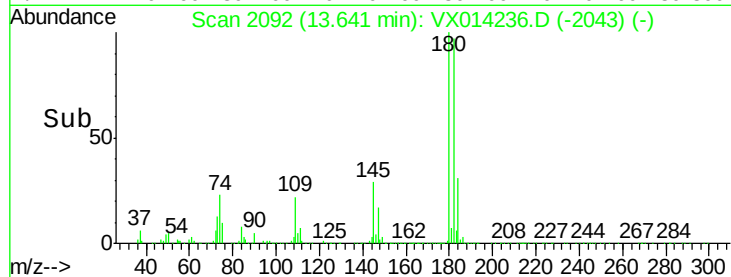
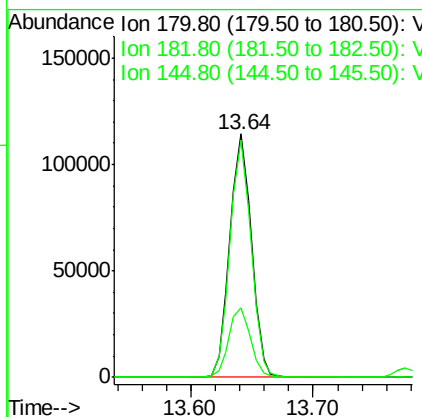
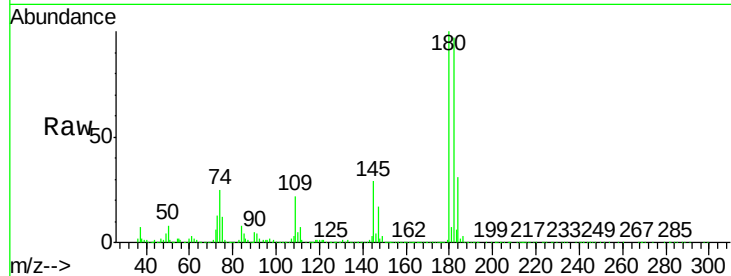




#93
 1,2,4-Trichlorobenzene
 Concen: 18.553 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014236.D
 Acq: 24 Dec 2019 11:45

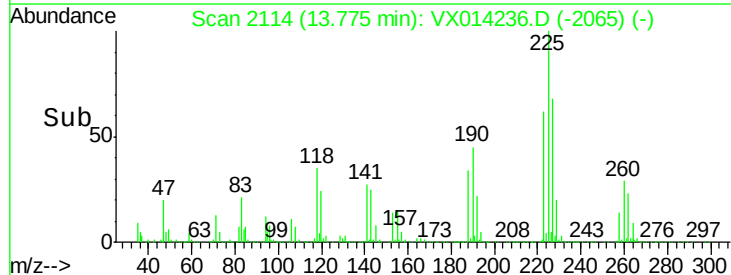
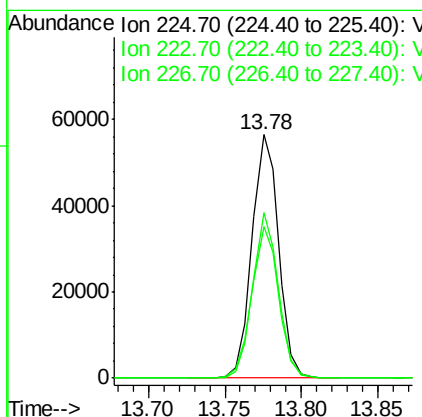
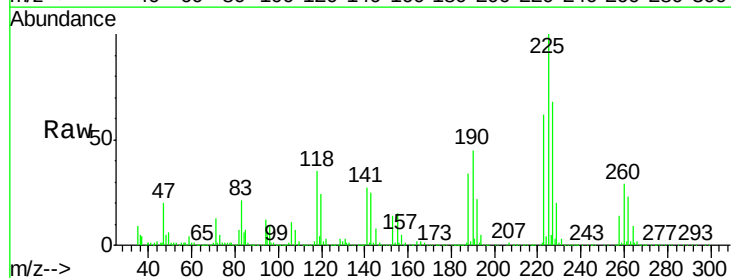
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224MBS01

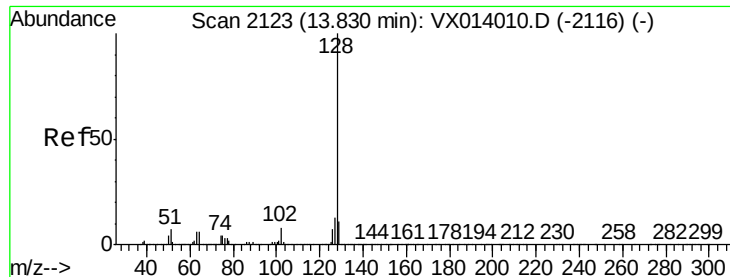
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	46.6	139.8
145	28.9	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 18.929 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014236.D
 Acq: 24 Dec 2019 11:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	30.9	92.5
227	65.7	30.9	92.7

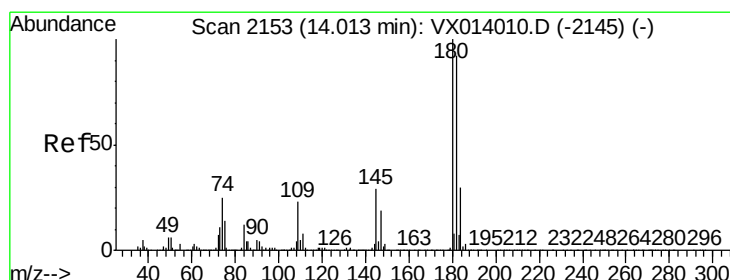
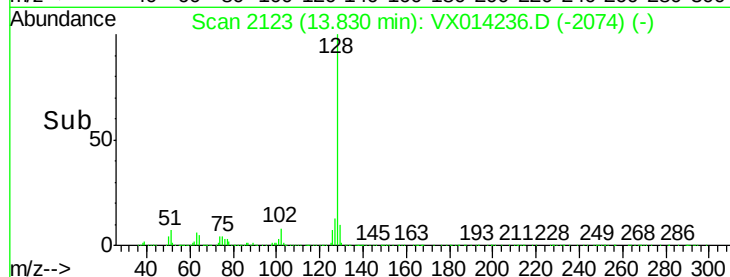
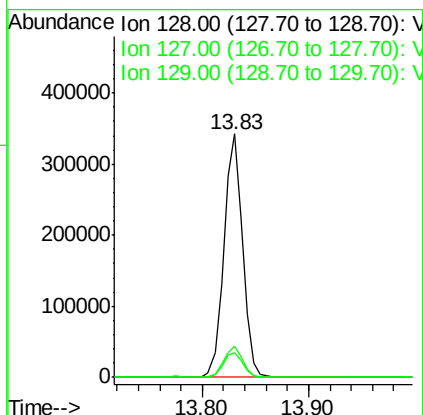
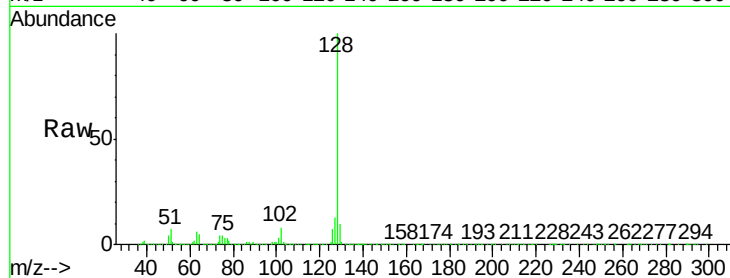




#95
Naphthalene
Concen: 18.865 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1224MBS01

Tgt Ion:128 Resp: 416549
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.705 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Tgt Ion:180 Resp: 138765
Ion Ratio Lower Upper
180 100
182 97.2 46.8 140.3
145 31.4 14.8 44.4

