

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122619\
 Data File : VX014263.D
 Acq On : 26 Dec 2019 12:51
 Operator : JC/SP
 Sample : VX1226MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226MBS01

Quant Time: Dec 27 05:57:37 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	476776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	718353	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	655331	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	319424	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	280086	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
35) Dibromofluoromethane	5.48	113	232482	53.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.48%	
50) Toluene-d8	8.71	98	886785	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	
62) 4-Bromofluorobenzene	11.13	95	314394	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	74473	17.460	ug/l	99
3) Chloromethane	1.32	50	106517	18.608	ug/l	100
4) Vinyl Chloride	1.40	62	111097	18.393	ug/l	99
5) Bromomethane	1.63	94	70378	16.417	ug/l	98
6) Chloroethane	1.72	64	71724	19.240	ug/l	96
7) Trichlorofluoromethane	1.92	101	144082	19.270	ug/l	98
8) Diethyl Ether	2.18	74	68351	19.478	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	89192	19.789	ug/l	99
10) Methyl Iodide	2.50	142	102789	19.008	ug/l	98
11) Tert butyl alcohol	3.03	59	116888	100.110	ug/l	99
12) 1,1-Dichloroethene	2.37	96	85065	18.548	ug/l	95
13) Acrolein	2.28	56	62529	93.555	ug/l	97
14) Allyl chloride	2.72	41	164274	20.061	ug/l	100
15) Acrylonitrile	3.12	53	290675	106.660	ug/l	98
16) Acetone	2.43	43	258046	73.557	ug/l	99
17) Carbon Disulfide	2.56	76	216900	17.530	ug/l	99
18) Methyl Acetate	2.76	43	151867	21.847	ug/l	96
19) Methyl tert-butyl Ether	3.18	73	307755	20.421	ug/l	100
20) Methylene Chloride	2.84	84	107118	19.390	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	92996	18.405	ug/l	99
22) Diisopropyl ether	3.84	45	341940	20.955	ug/l	94
23) Vinyl Acetate	3.80	43	1454023	109.190	ug/l	99
24) 1,1-Dichloroethane	3.69	63	177766	19.581	ug/l	99
25) 2-Butanone	4.65	43	406442	93.974	ug/l	97
26) 2,2-Dichloropropane	4.57	77	137187	19.462	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	113107	19.794	ug/l	99
28) Bromochloromethane	5.00	49	79244	22.944	ug/l	99
29) Tetrahydrofuran	5.11	42	262623	108.561	ug/l	98
30) Chloroform	5.19	83	173625	20.174	ug/l	99
31) Cyclohexane	5.57	56	156758	19.414	ug/l	93
32) 1,1,1-Trichloroethane	5.48	97	141224	19.254	ug/l	99
36) 1,1-Dichloropropene	5.79	75	126010	19.118	ug/l	99
37) Ethyl Acetate	4.81	43	157359	21.619	ug/l	98
38) Carbon Tetrachloride	5.77	117	117692	19.600	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	156636	19.246	ug/l	97
40) Benzene	6.13	78	406760	20.057	ug/l	100
41) Methacrylonitrile	5.03	41	86582	21.439	ug/l	100
42) 1,2-Dichloroethane	6.18	62	141165	20.534	ug/l	100
43) Isopropyl Acetate	6.43	43	255204	21.186	ug/l	99
44) Trichloroethene	7.20	130	109382	19.527	ug/l	98
45) 1,2-Dichloropropane	7.50	63	107741	20.727	ug/l	96
46) Dibromomethane	7.65	93	69665	20.271	ug/l	98
47) Bromodichloromethane	7.89	83	130904	20.224	ug/l	100
48) Methyl methacrylate	7.76	41	121421	20.585	ug/l	99
49) 1,4-Dioxane	7.73	88	51190	426.456	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	803606	106.227	ug/l	99
52) Toluene	8.78	92	250779	19.563	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	144354	20.340	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	162406	20.540	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	105313	20.498	ug/l	98
56) Ethyl methacrylate	9.17	69	163890	20.308	ug/l	99
57) 1,3-Dichloropropane	9.36	76	176905	20.466	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	330084	108.078	ug/l	100
59) 2-Hexanone	9.48	43	601536	98.777	ug/l	99
60) Dibromochloromethane	9.57	129	105028	20.566	ug/l	99
61) 1,2-Dibromoethane	9.67	107	109377	20.808	ug/l	99
64) Tetrachloroethene	9.33	164	114320	19.714	ug/l	97
65) Chlorobenzene	10.13	112	271520	19.486	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	98975	19.894	ug/l	100
67) Ethyl Benzene	10.25	91	470637	19.646	ug/l	99
68) m/p-Xylenes	10.35	106	359743	39.044	ug/l	98
69) o-Xylene	10.70	106	174991	19.365	ug/l	99
70) Styrene	10.71	104	291991	19.109	ug/l	98
71) Bromoform	10.85	173	79642	19.914	ug/l #	98
73) Isopropylbenzene	11.01	105	462639	20.571	ug/l	99
74) N-amyl acetate	10.89	43	213696	20.271	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	159796	20.494	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	178906	25.799	ug/l	91
77) Bromobenzene	11.25	156	122470	19.792	ug/l	97
78) n-propylbenzene	11.35	91	521162	20.659	ug/l	99
79) 2-Chlorotoluene	11.42	91	313254	20.428	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	385492	20.367	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	48718	19.829	ug/l	94
82) 4-Chlorotoluene	11.51	91	356112	20.020	ug/l	100
83) tert-Butylbenzene	11.76	119	366995	19.924	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	386403	20.385	ug/l	100
85) sec-Butylbenzene	11.94	105	447217	20.567	ug/l	100
86) p-Isopropyltoluene	12.06	119	406973	20.460	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	215018	19.827	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	214058	19.412	ug/l	99
89) n-Butylbenzene	12.39	91	343873	20.261	ug/l	100
90) Hexachloroethane	12.59	117	70637	19.771	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	213581	19.564	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	33560	19.450	ug/l	97

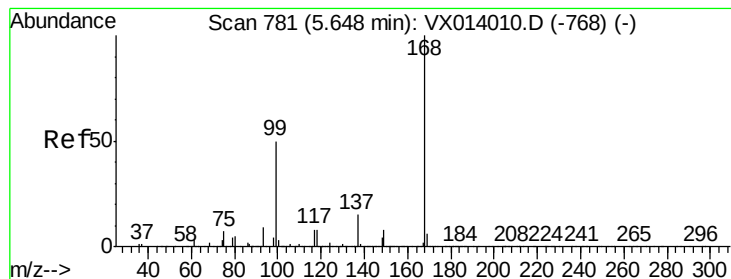
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX122619\
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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	139471	19.656	ug/l	99
94) Hexachlorobutadiene	13.78	225	68835	20.185	ug/l	98
95) Naphthalene	13.83	128	415342	19.923	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	139807	19.960	ug/l	99

(#) = 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: VX014263.D

Acq: 26 Dec 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

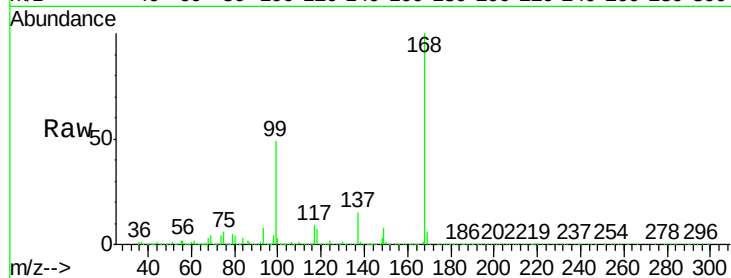
VX1226MBS01

Tgt Ion:168 Resp: 476776

Ion Ratio Lower Upper

168 100

99 48.9 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

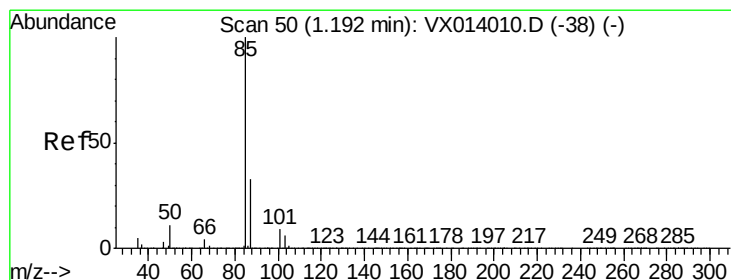
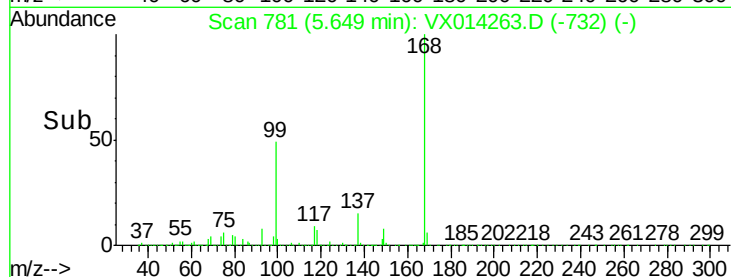
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.460 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014263.D

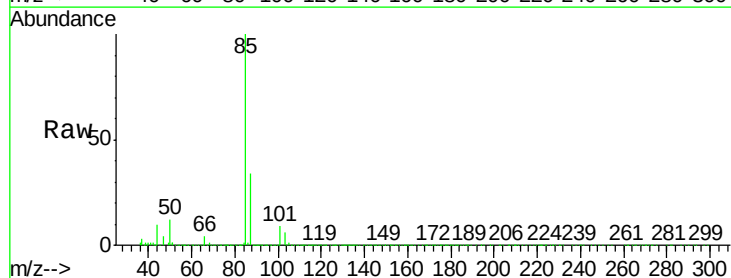
Acq: 26 Dec 2019 12:51

Tgt Ion: 85 Resp: 74473

Ion Ratio Lower Upper

85 100

87 33.6 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

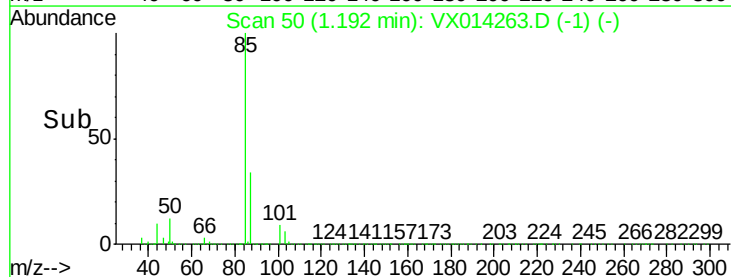
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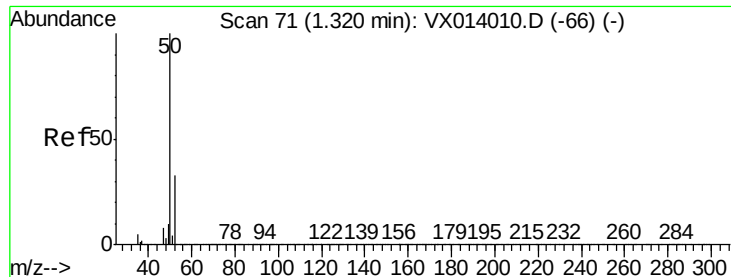
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20000

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Time-->





#3

Chloromethane

Concen: 18.608 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

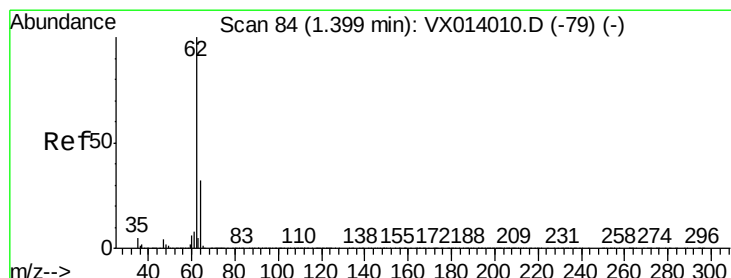
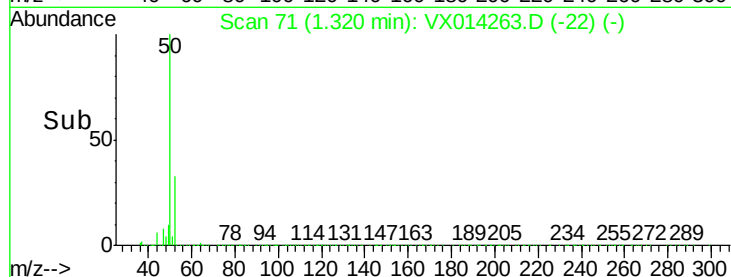
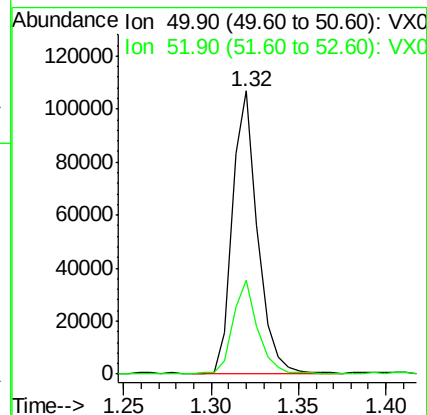
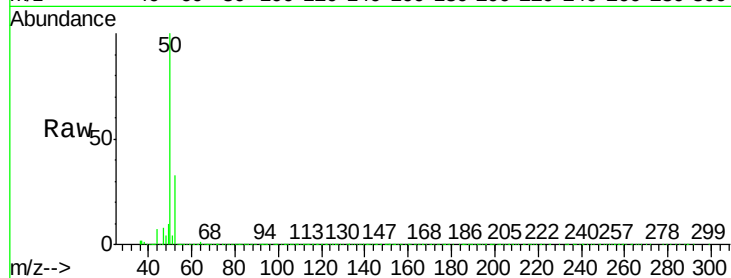
VX1226MBS01

Tgt Ion: 50 Resp: 106517

Ion Ratio Lower Upper

50 100

52 33.0 26.2 39.4



#4

Vinyl Chloride

Concen: 18.393 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014263.D

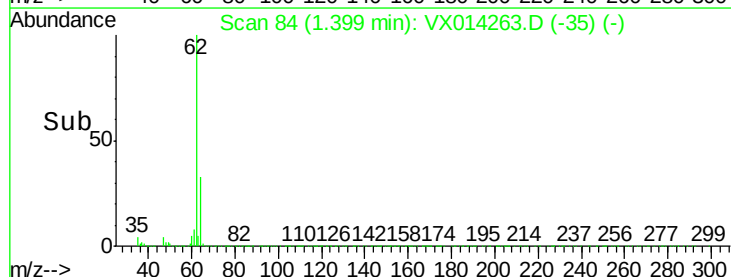
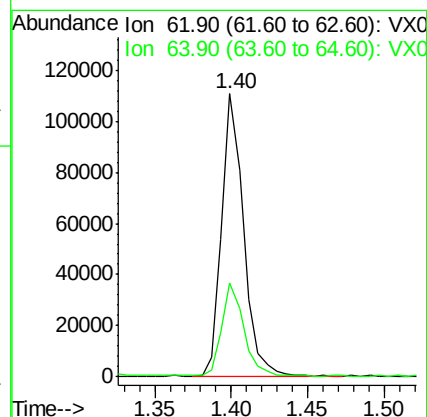
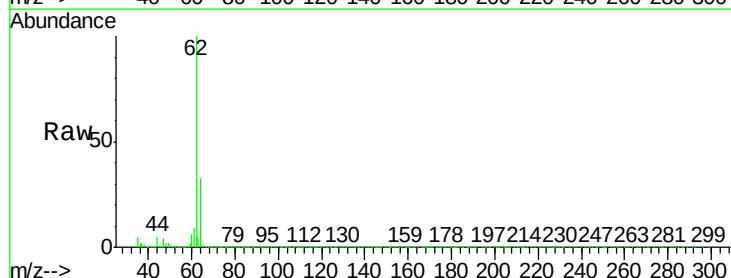
Acq: 26 Dec 2019 12:51

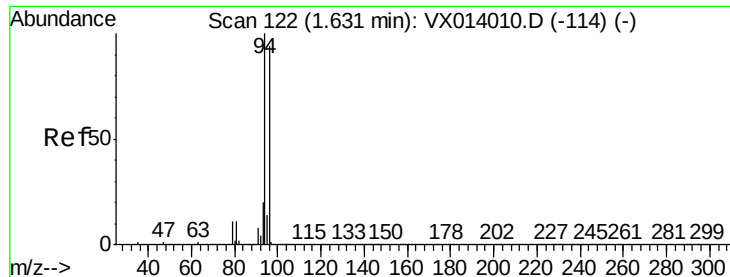
Tgt Ion: 62 Resp: 111097

Ion Ratio Lower Upper

62 100

64 32.6 25.7 38.5





#5

Bromomethane

Concen: 16.417 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

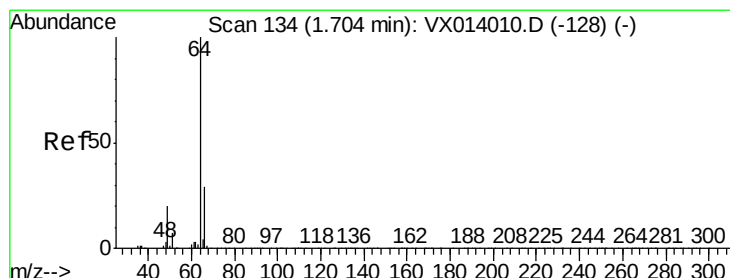
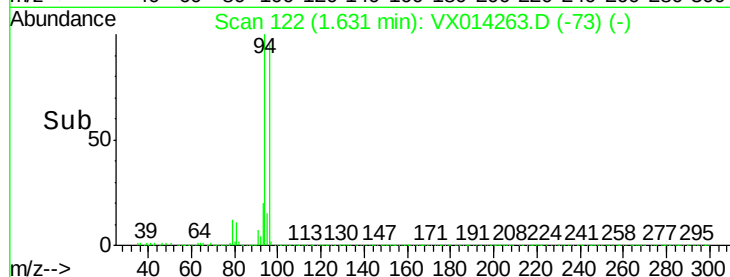
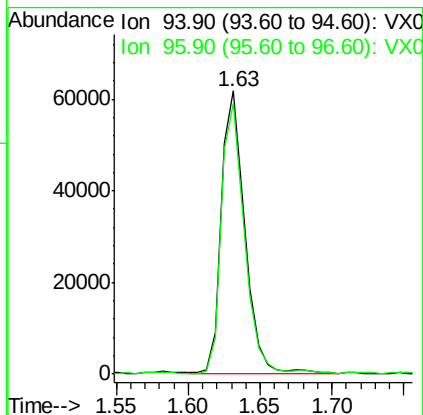
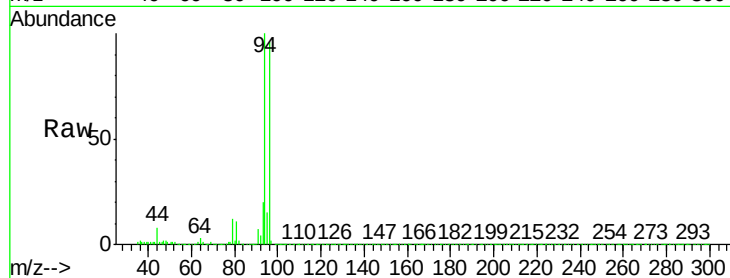
VX1226MBS01

Tgt Ion: 94 Resp: 70378

Ion Ratio Lower Upper

94 100

96 96.0 75.2 112.8



#6

Chloroethane

Concen: 19.240 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014263.D

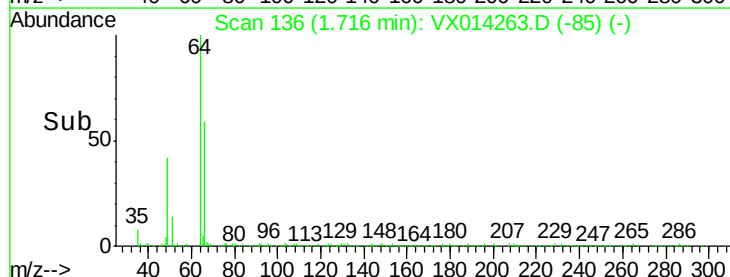
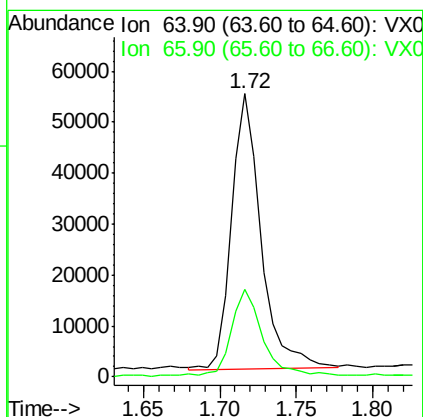
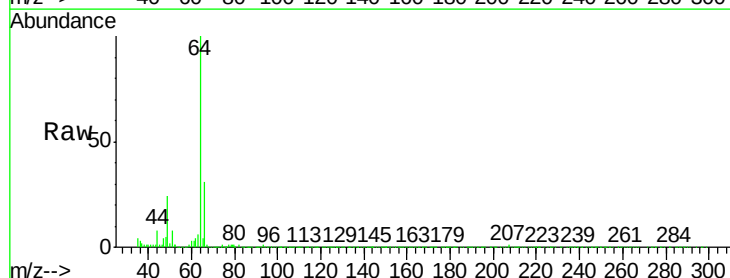
Acq: 26 Dec 2019 12:51

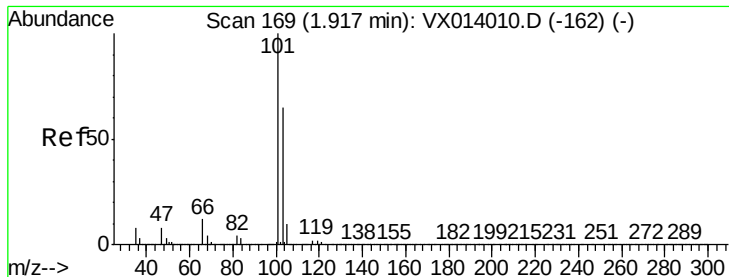
Tgt Ion: 64 Resp: 71724

Ion Ratio Lower Upper

64 100

66 31.3 23.4 35.2



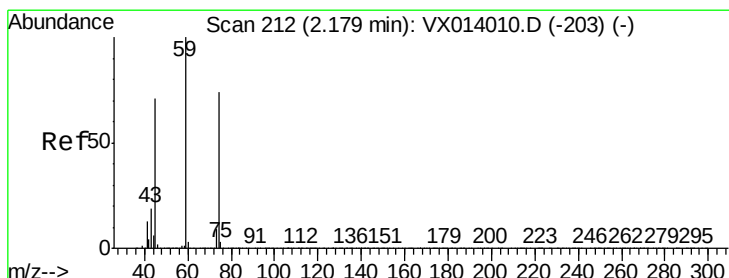
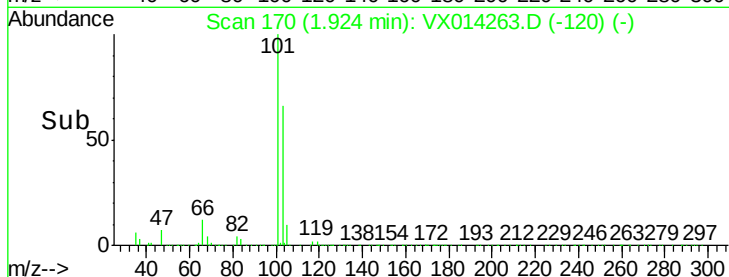
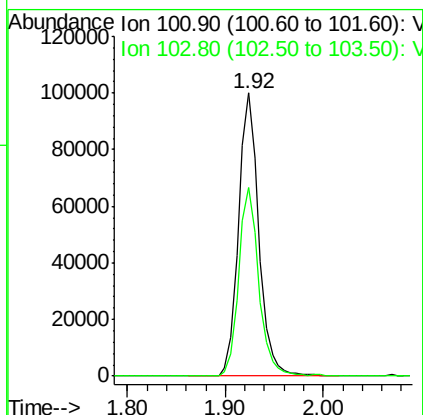
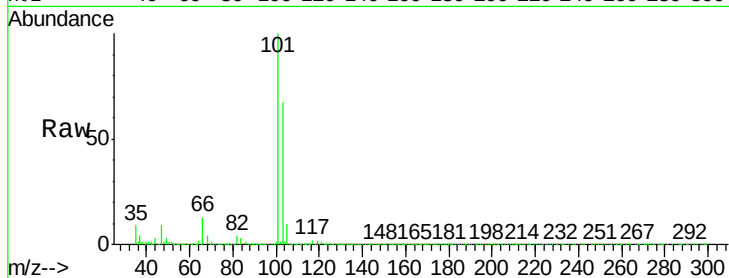


#7

Trichlorofluoromethane
Concen: 19.270 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX1226MBS01

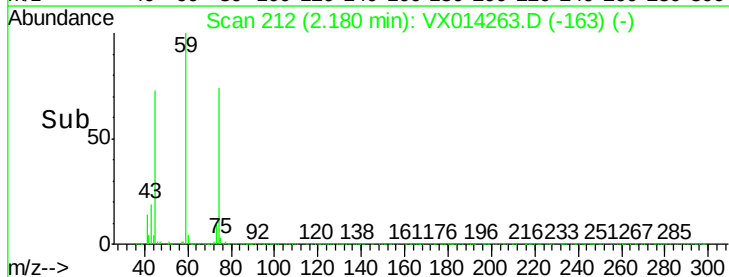
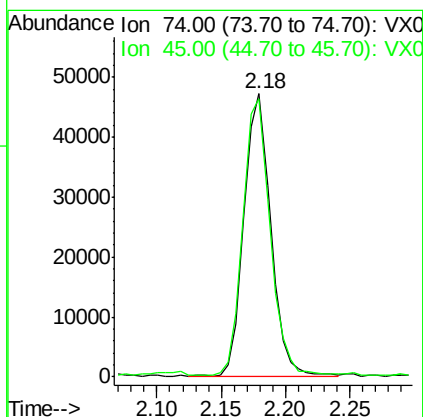
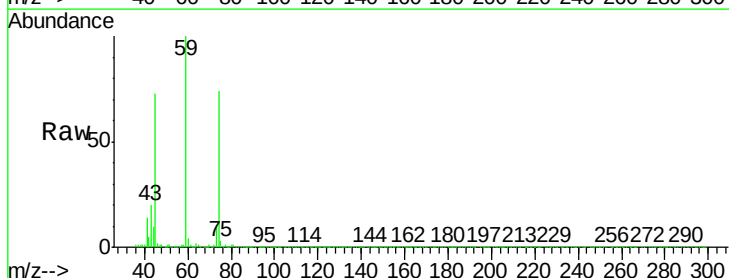
Tgt Ion:101 Resp: 144082
Ion Ratio Lower Upper
101 100
103 66.8 52.2 78.4

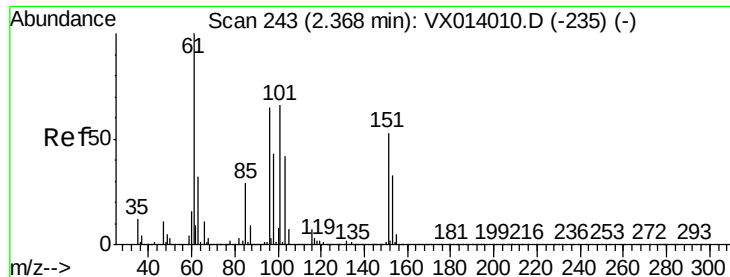


#8

Diethyl Ether
Concen: 19.478 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Tgt Ion: 74 Resp: 68351
Ion Ratio Lower Upper
74 100
45 98.4 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.789 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBS01

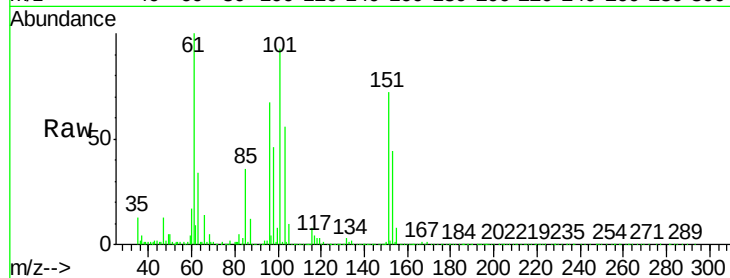
Tgt Ion:101 Resp: 89192

Ion Ratio Lower Upper

101 100

85 41.3 33.7 50.5

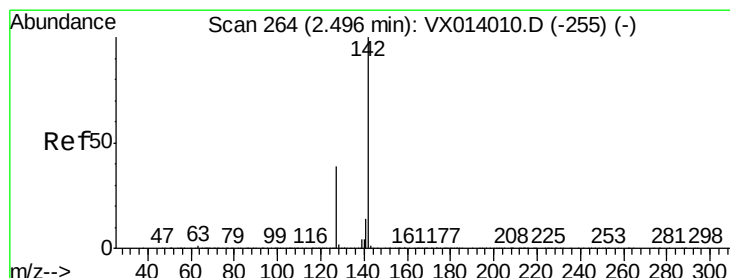
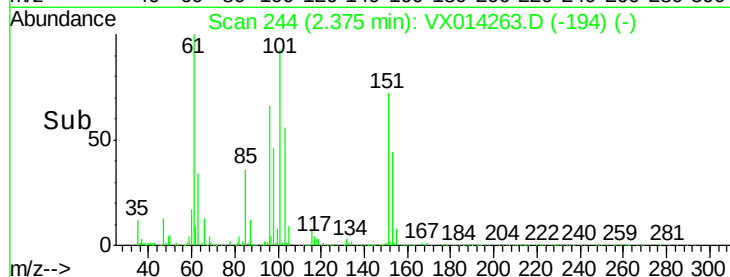
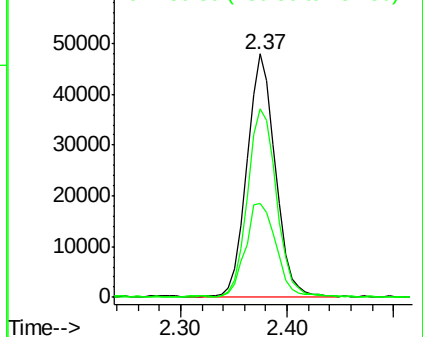
151 80.3 64.5 96.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.008 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

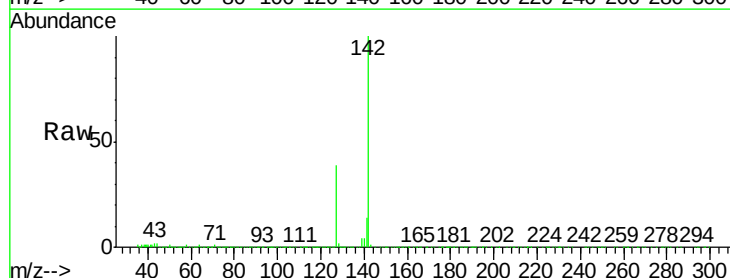
Tgt Ion:142 Resp: 102789

Ion Ratio Lower Upper

142 100

127 37.9 31.6 47.4

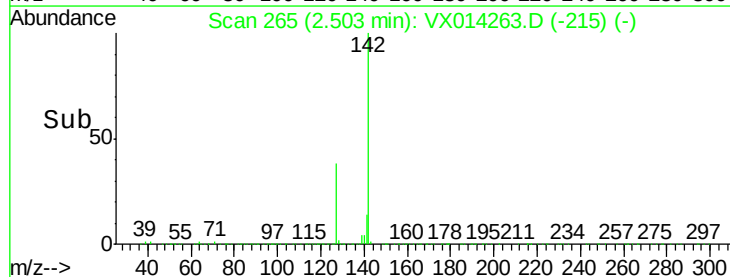
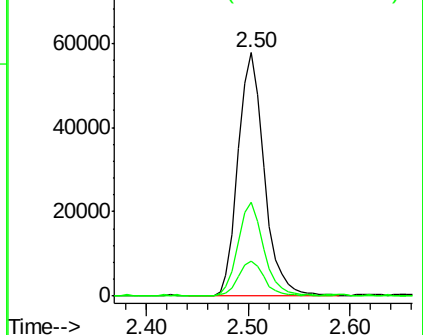
141 14.7 11.6 17.4

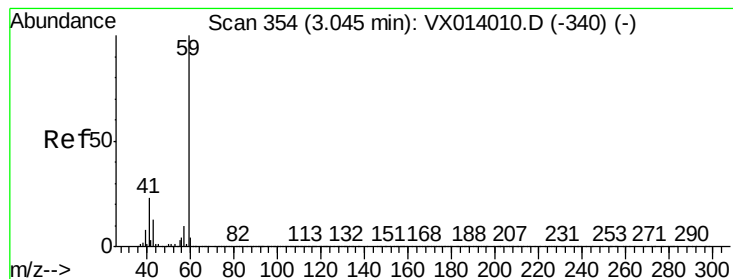


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



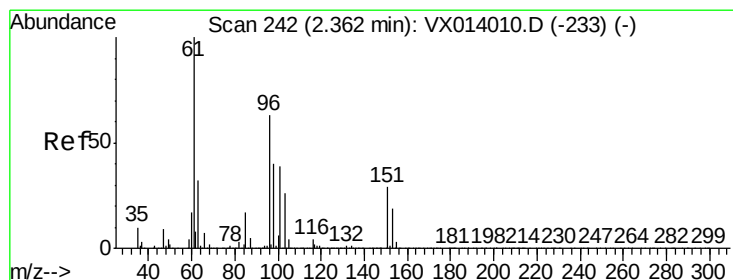
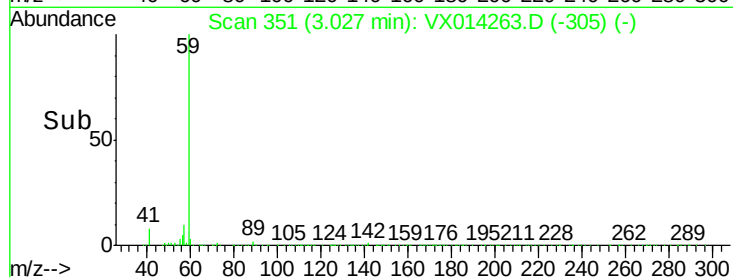
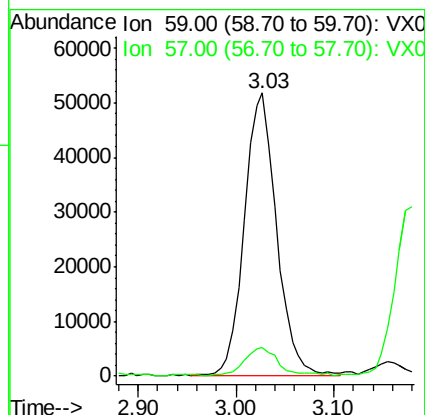
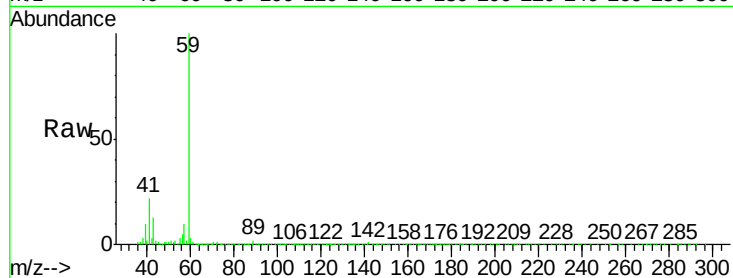


#11

Tert butyl alcohol
Concen: 100.110 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX1226MBS01

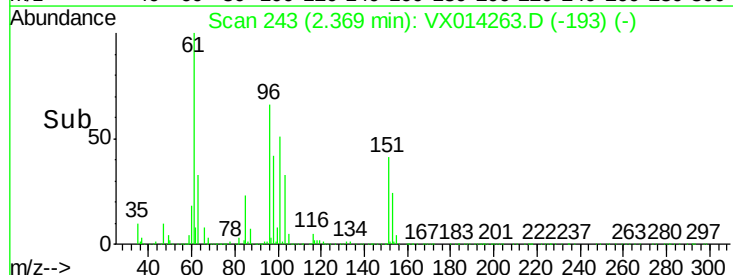
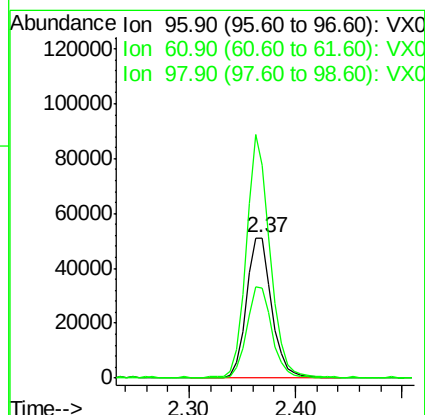
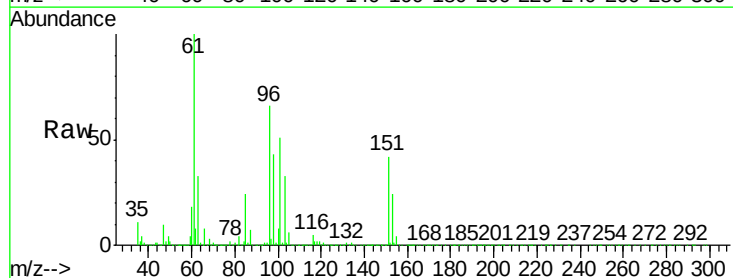
Tgt Ion: 59 Resp: 116888
Ion Ratio Lower Upper
59 100
57 10.0 8.4 12.6

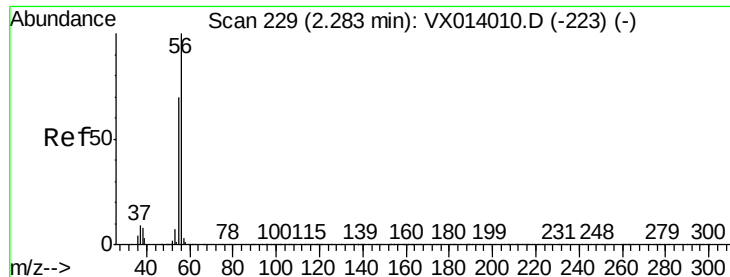


#12

1,1-Dichloroethene
Concen: 18.548 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Tgt Ion: 96 Resp: 85065
Ion Ratio Lower Upper
96 100
61 151.9 127.9 191.9
98 64.5 50.5 75.7





#13

Acrolein

Concen: 93.555 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

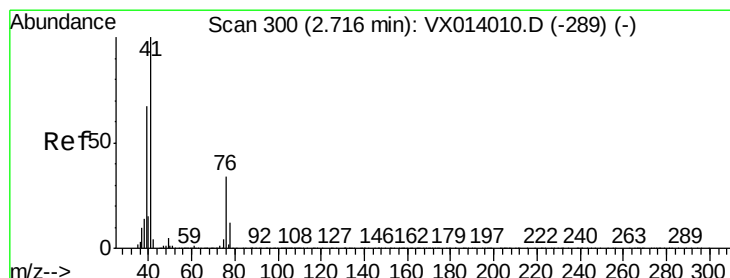
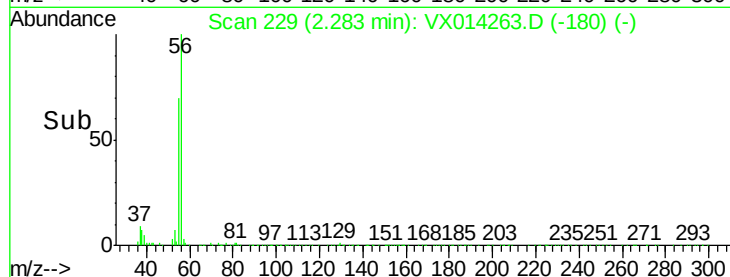
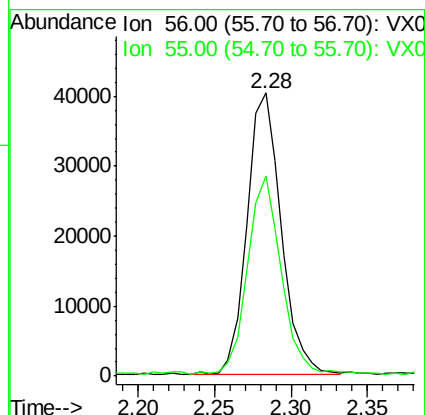
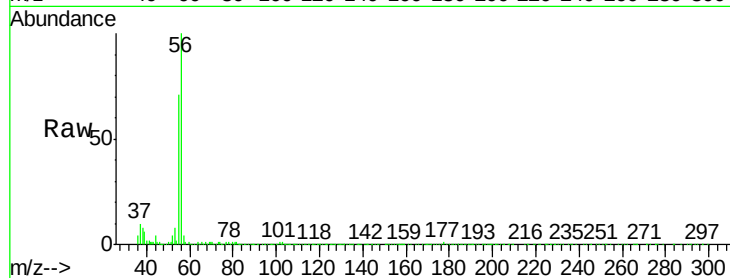
VX1226MBS01

Tgt Ion: 56 Resp: 62529

Ion Ratio Lower Upper

56 100

55 68.8 56.9 85.3



#14

Allyl chloride

Concen: 20.061 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

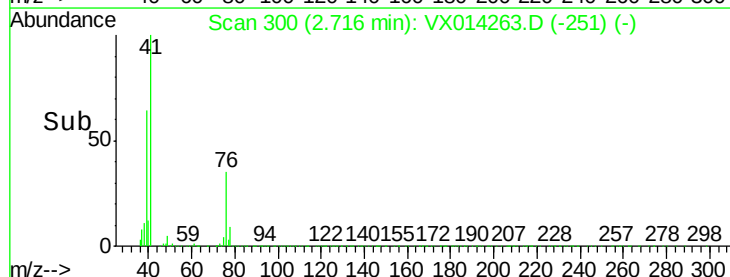
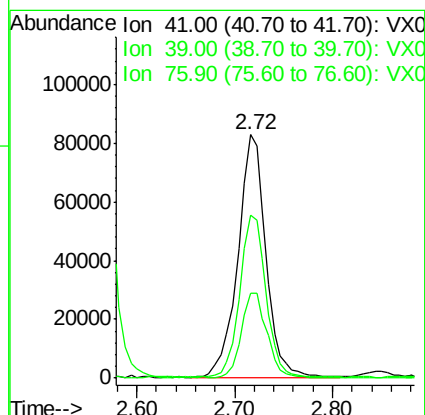
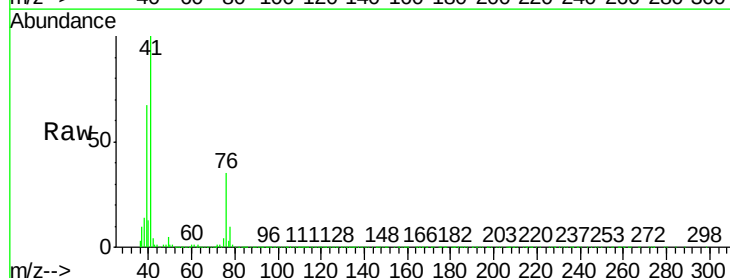
Tgt Ion: 41 Resp: 164274

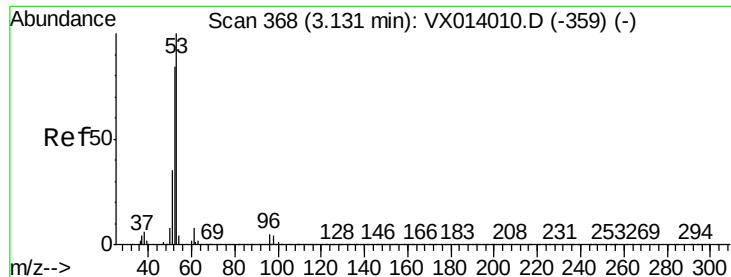
Ion Ratio Lower Upper

41 100

39 64.4 51.8 77.8

76 32.4 25.9 38.9





#15

Acrylonitrile

Concen: 106.660 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBS01

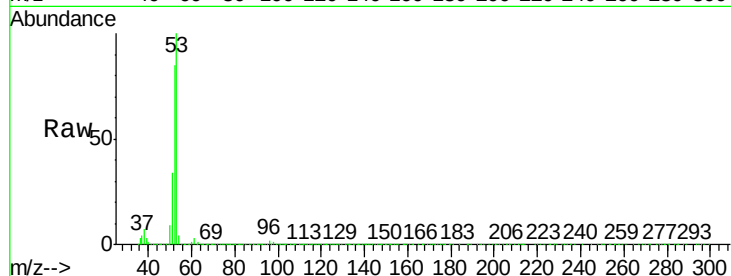
Tgt Ion: 53 Resp: 290675

Ion Ratio Lower Upper

53 100

52 81.4 66.5 99.7

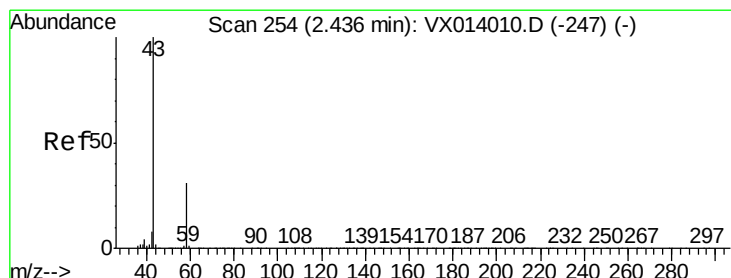
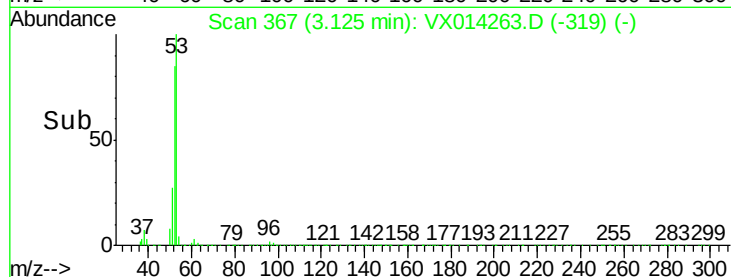
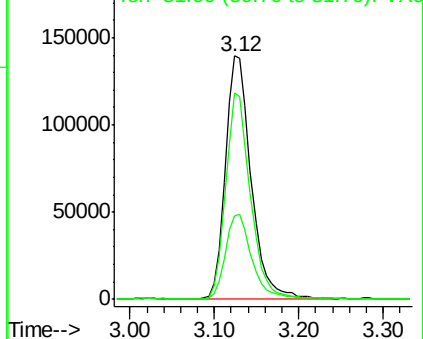
51 35.6 28.1 42.1



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: 73.557 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014263.D

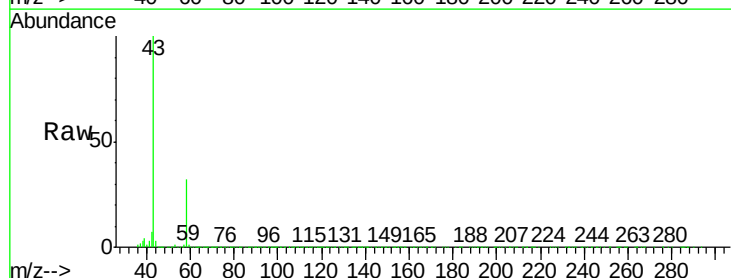
Acq: 26 Dec 2019 12:51

Tgt Ion: 43 Resp: 258046

Ion Ratio Lower Upper

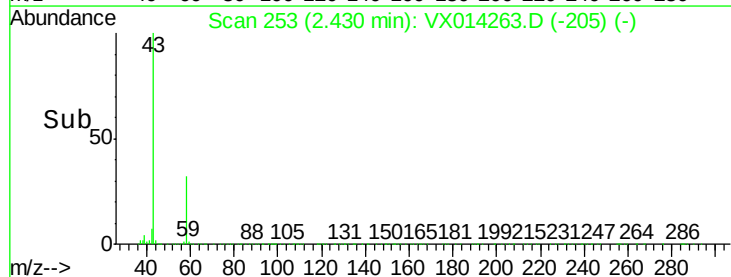
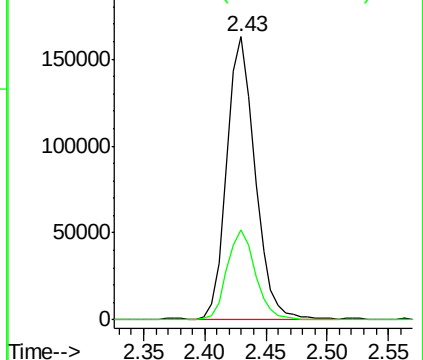
43 100

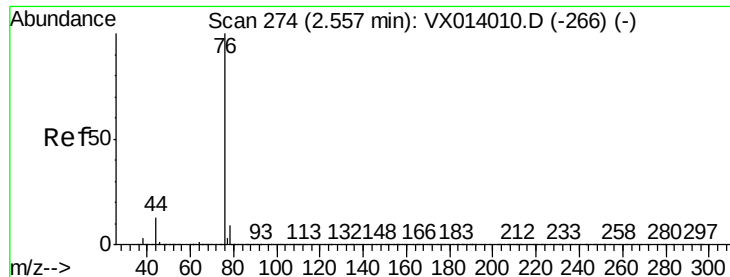
58 31.7 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 17.530 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

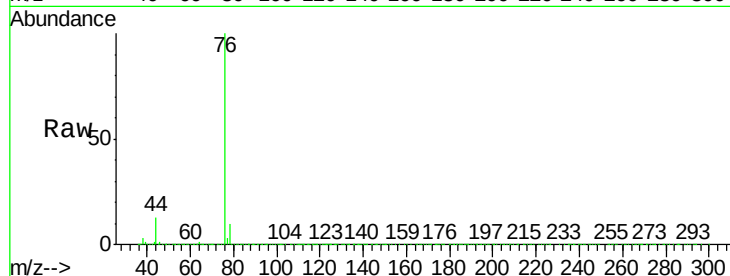
VX1226MBS01

Tgt Ion: 76 Resp: 216900

Ion Ratio Lower Upper

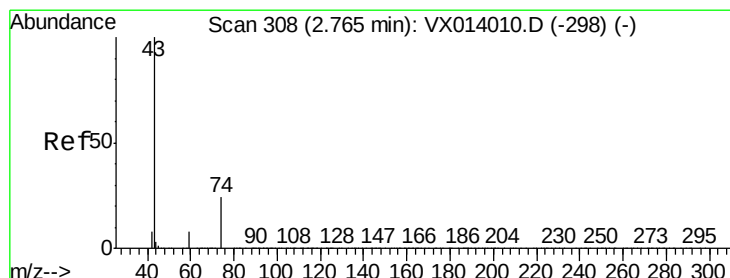
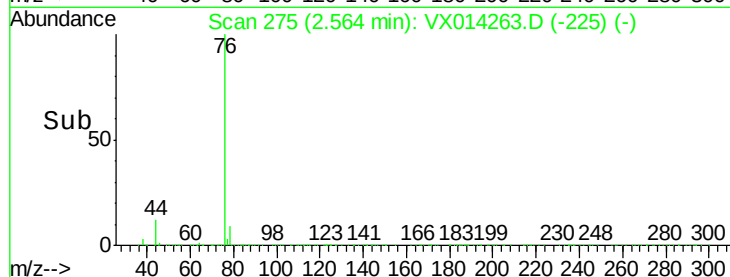
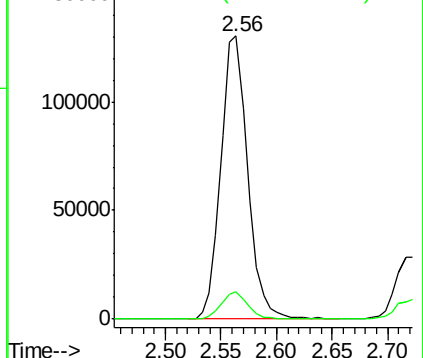
76 100

78 9.4 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 21.847 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014263.D

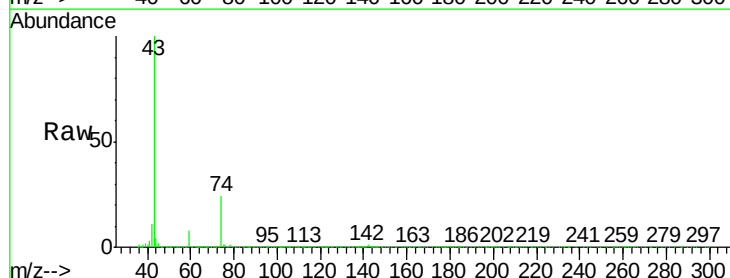
Acq: 26 Dec 2019 12:51

Tgt Ion: 43 Resp: 151867

Ion Ratio Lower Upper

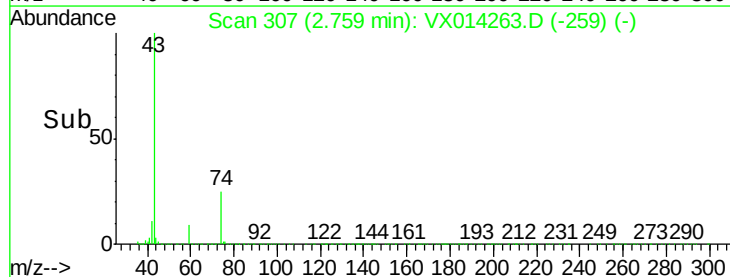
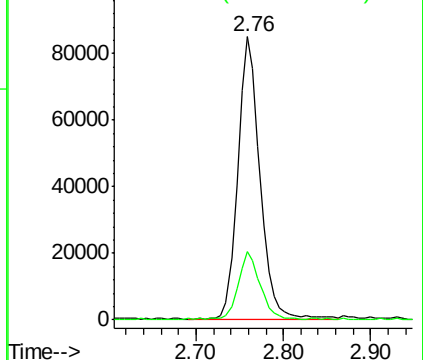
43 100

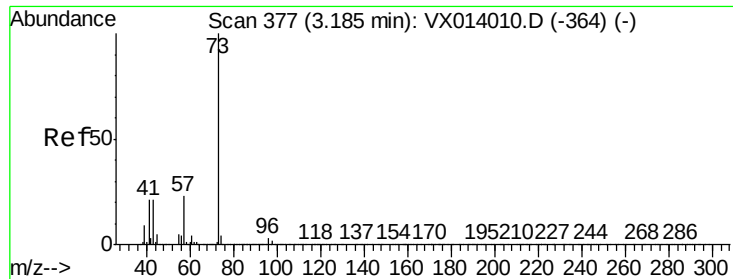
74 22.6 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



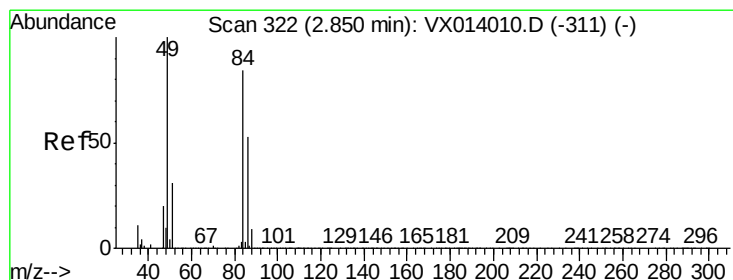
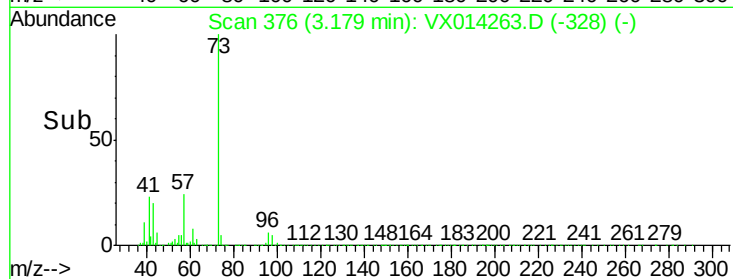
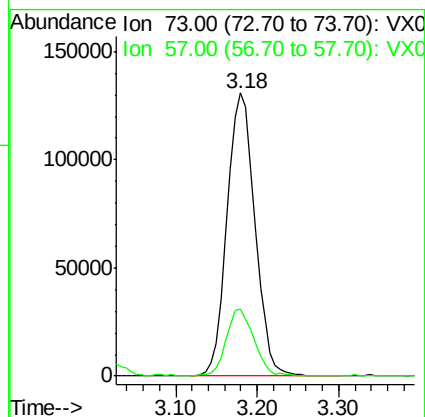
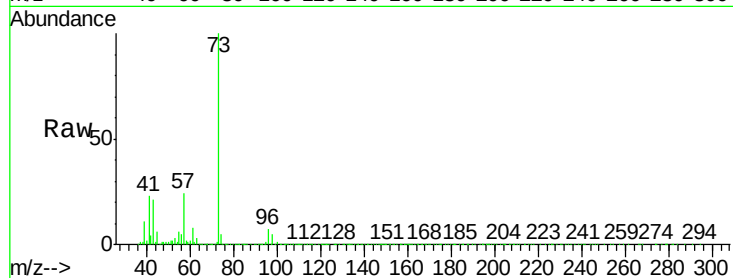


#19

Methyl tert-butyl Ether
Concen: 20.421 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Instrument :
MSVOA_X
ClientSampled :
VX1226MBS01

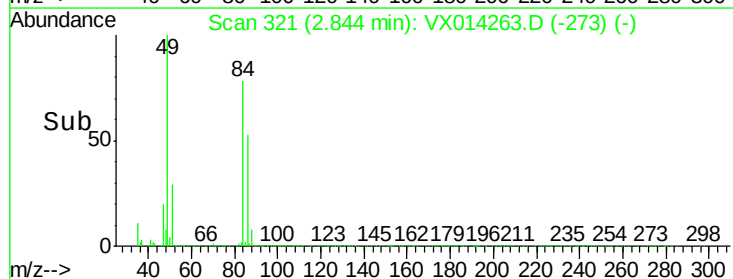
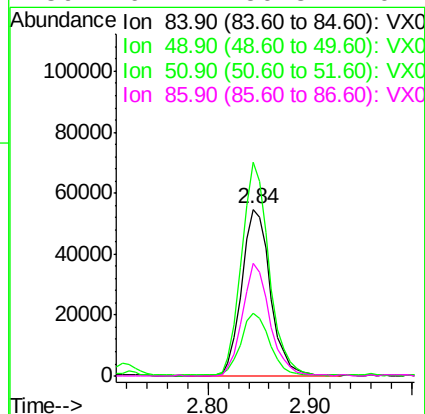
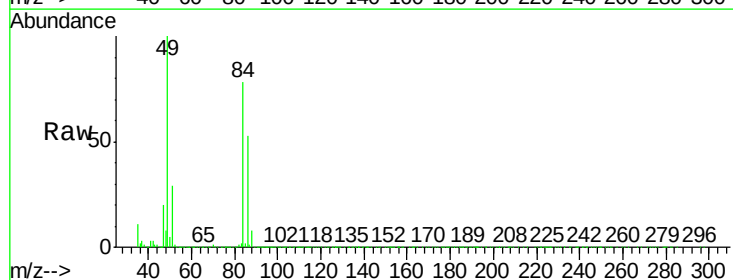
Tgt Ion: 73 Resp: 307755
Ion Ratio Lower Upper
73 100
57 23.5 18.8 28.2

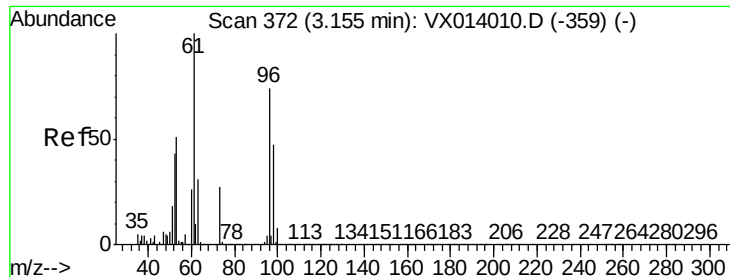


#20

Methylene Chloride
Concen: 19.390 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Tgt Ion: 84 Resp: 107118
Ion Ratio Lower Upper
84 100
49 127.5 95.8 143.6
51 37.0 29.8 44.8
86 67.4 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 18.405 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBS01

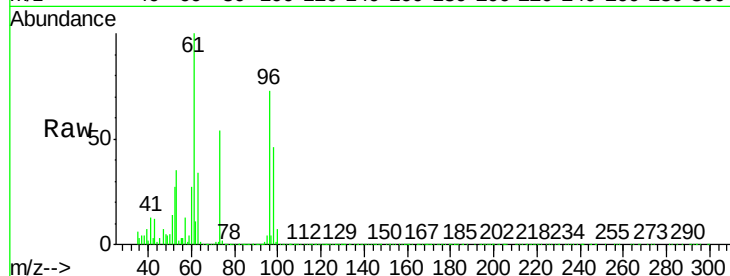
Tgt Ion: 96 Resp: 92996

Ion Ratio Lower Upper

96 100

61 136.3 108.3 162.5

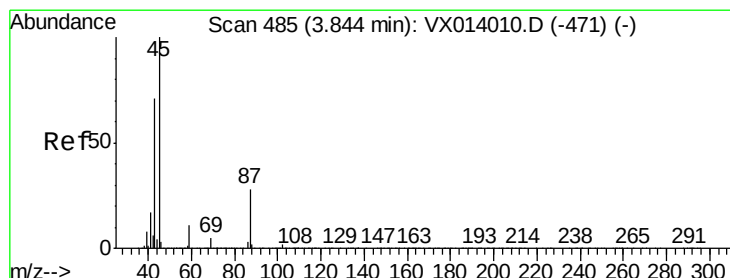
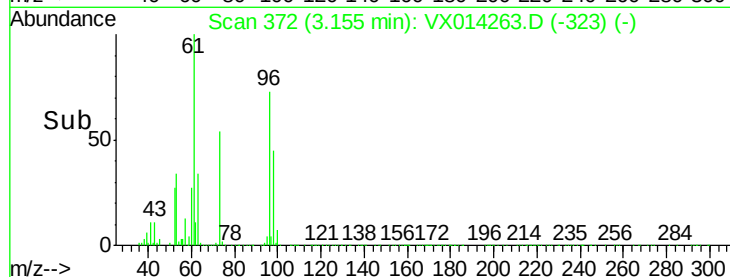
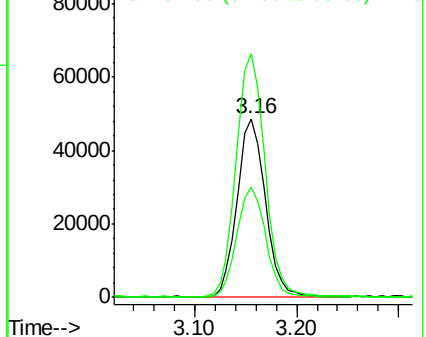
98 62.0 50.8 76.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.955 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Tgt Ion: 45 Resp: 341940

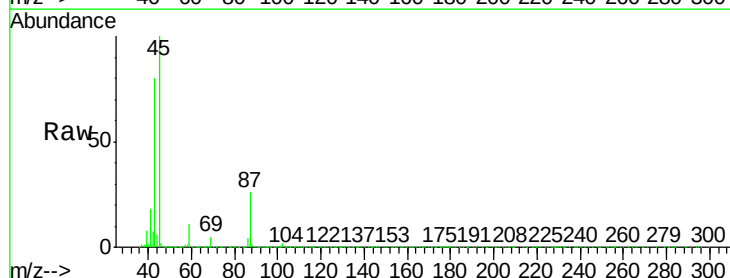
Ion Ratio Lower Upper

45 100

43 79.3 57.4 86.0

87 26.4 21.9 32.9

59 11.1 9.0 13.6

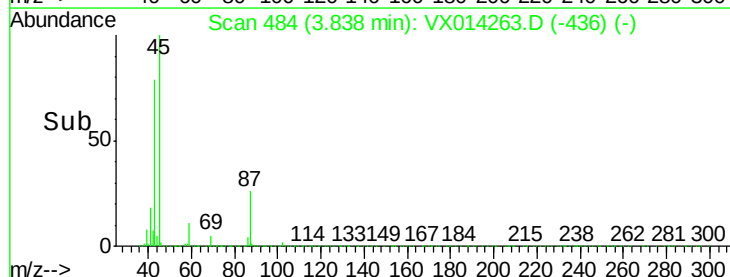
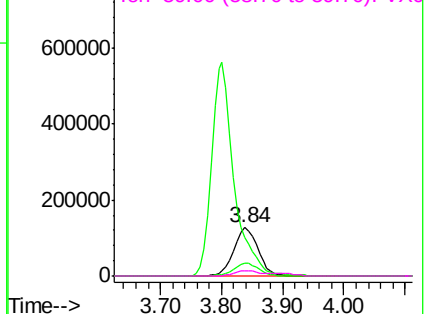


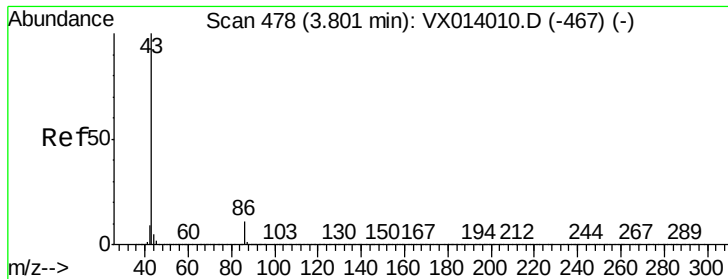
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 109.190 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

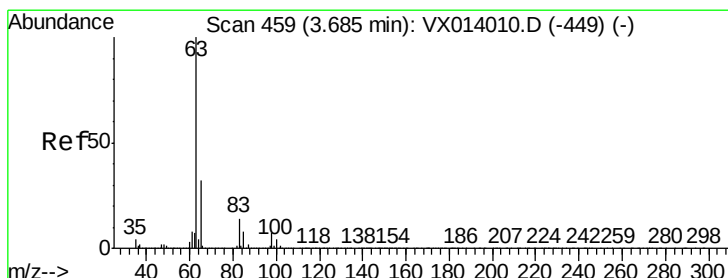
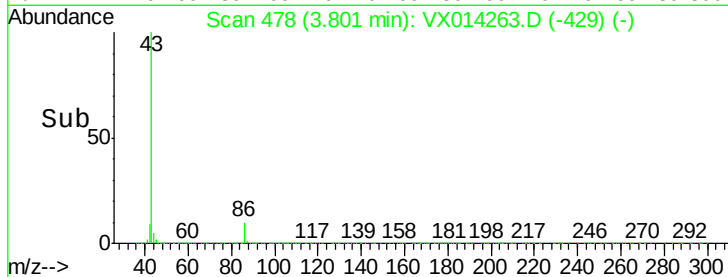
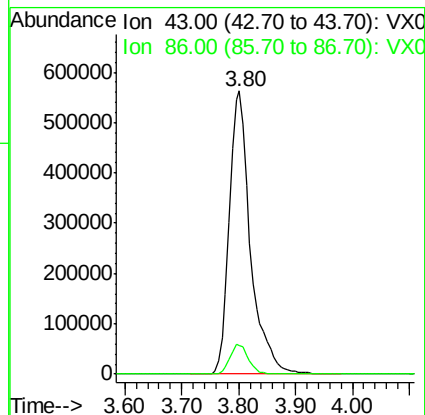
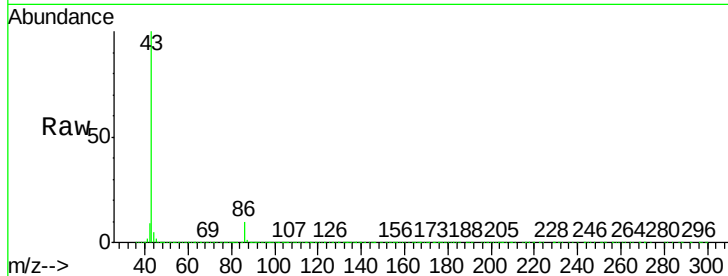
VX1226MBS01

Tgt Ion: 43 Resp: 1454023

Ion Ratio Lower Upper

43 100

86 10.3 8.6 12.8



#24

1,1-Dichloroethane

Concen: 19.581 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

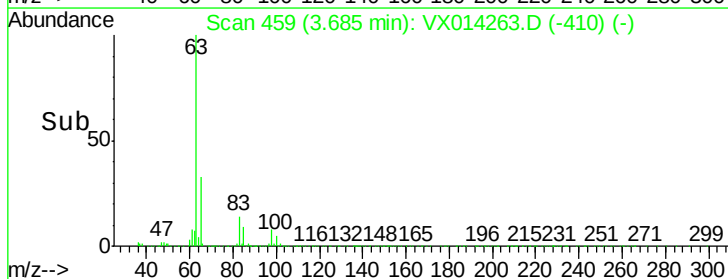
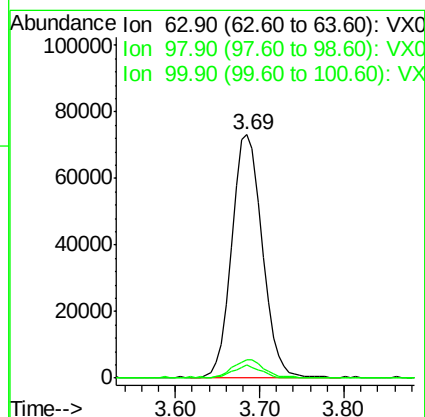
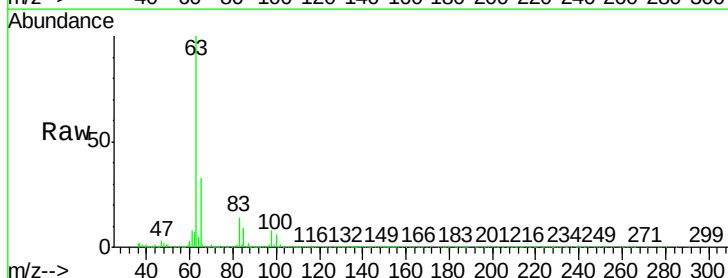
Tgt Ion: 63 Resp: 177766

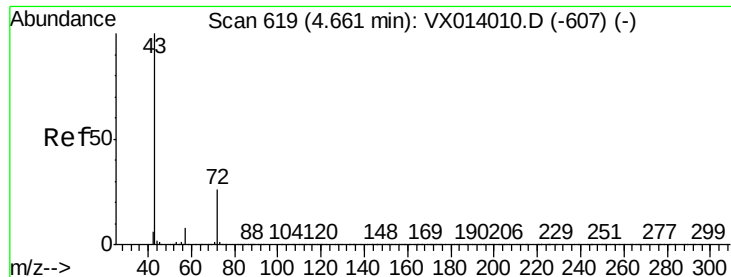
Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 5.5 2.3 6.8





#25

2-Butanone

Concen: 93.974 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

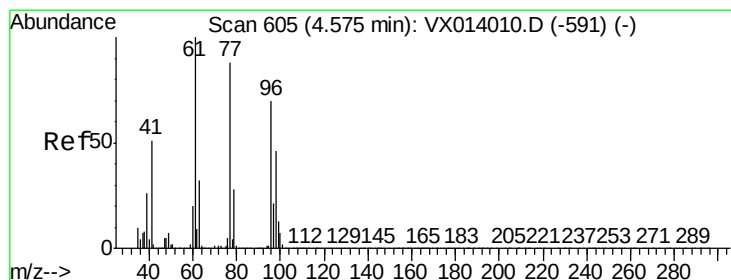
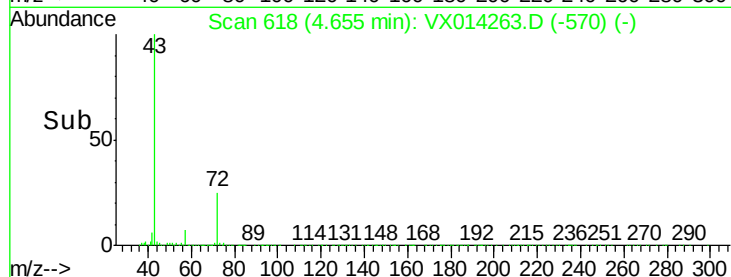
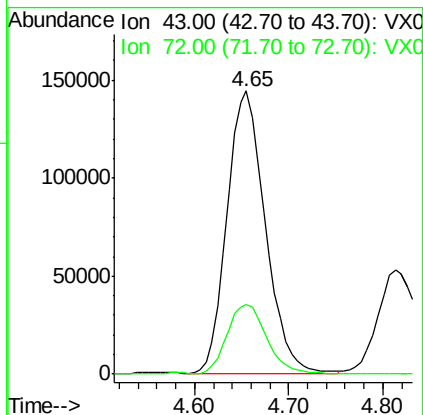
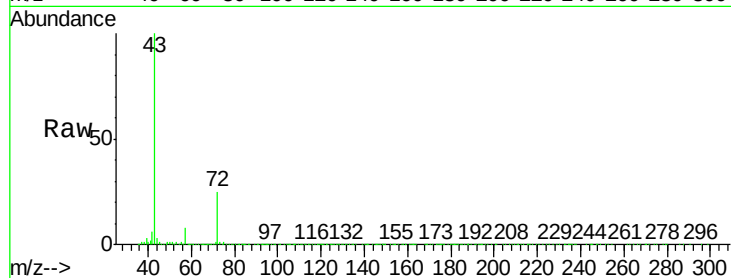
VX1226MBS01

Tgt Ion: 43 Resp: 406442

Ion Ratio Lower Upper

43 100

72 24.6 21.0 31.4



#26

2,2-Dichloropropane

Concen: 19.462 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014263.D

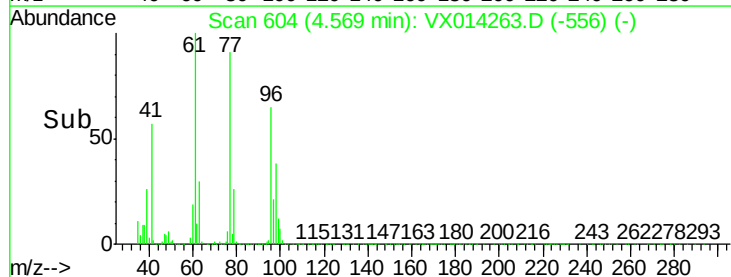
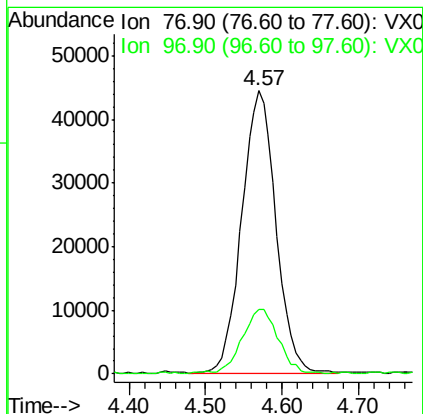
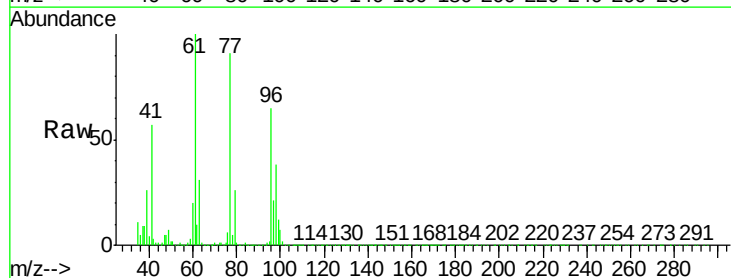
Acq: 26 Dec 2019 12:51

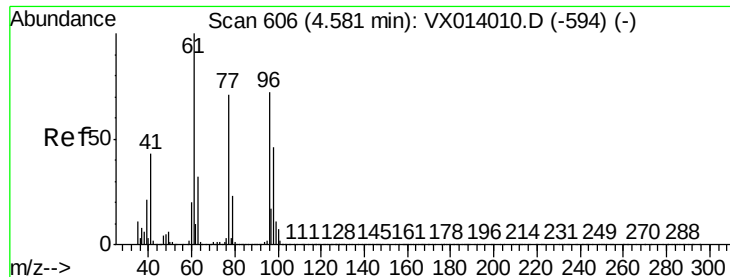
Tgt Ion: 77 Resp: 137187

Ion Ratio Lower Upper

77 100

97 24.4 11.9 35.9



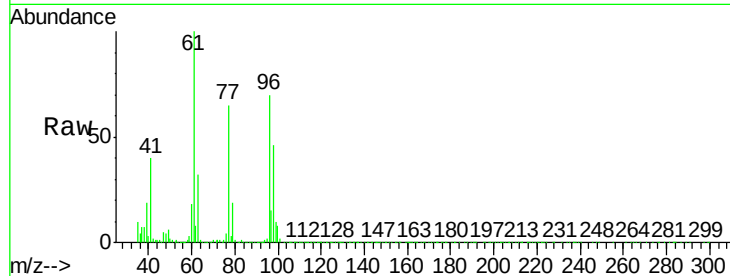


#27

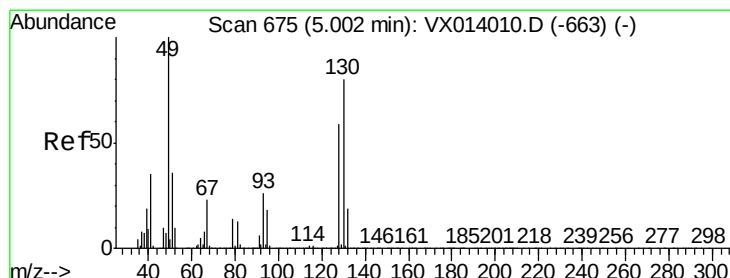
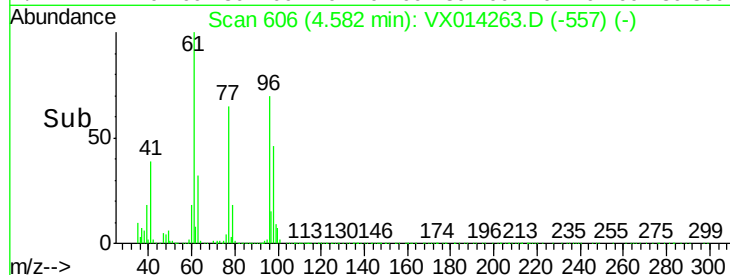
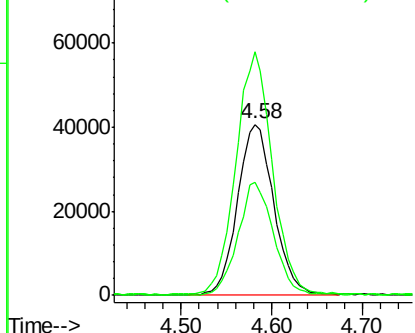
cis-1,2-Dichloroethene
Concen: 19.794 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX1226MBS01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.1	0.0	288.4
98	63.8	0.0	129.6



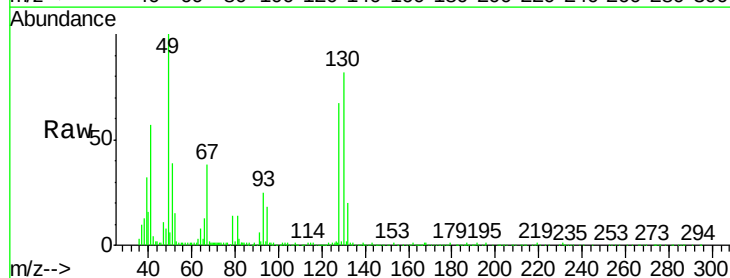
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



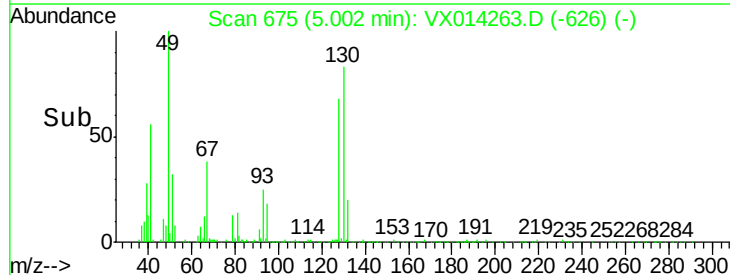
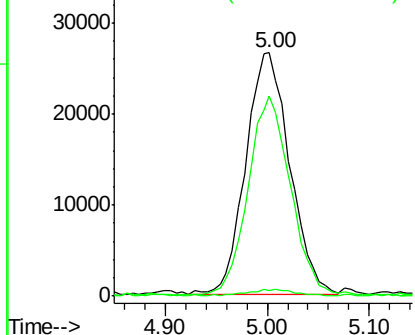
#28

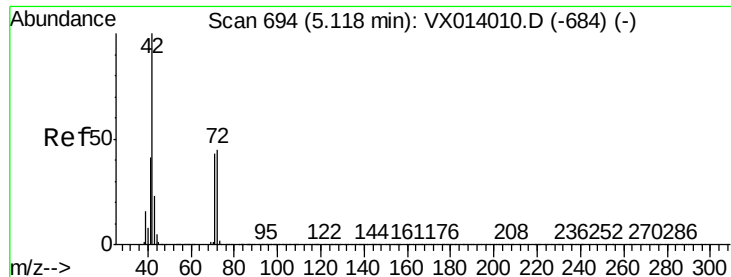
Bromochloromethane
Concen: 22.944 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.0
130	81.3	64.6	97.0



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

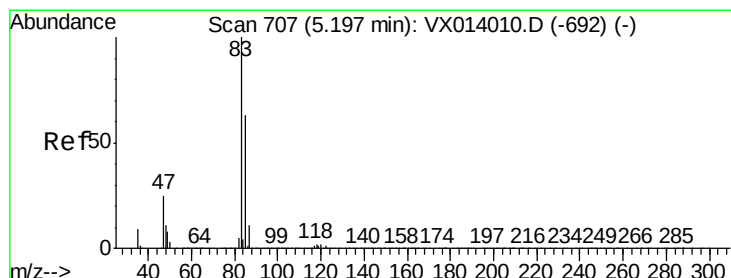
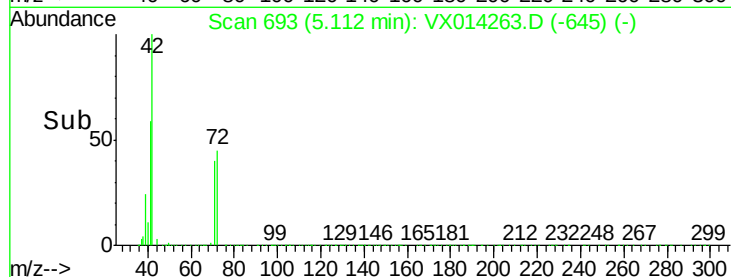
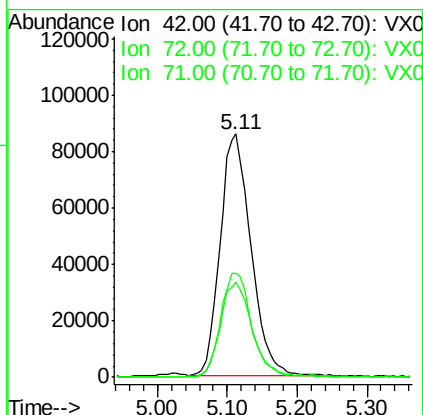
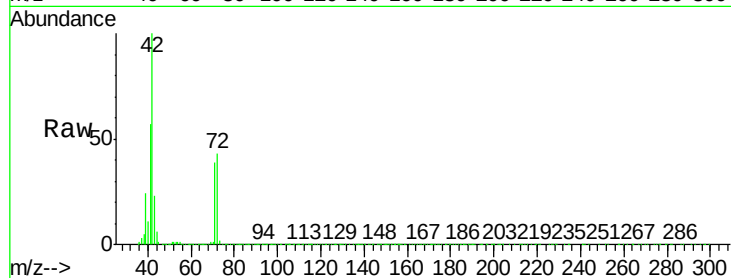




#29
Tetrahydrofuran
Concen: 108.561 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

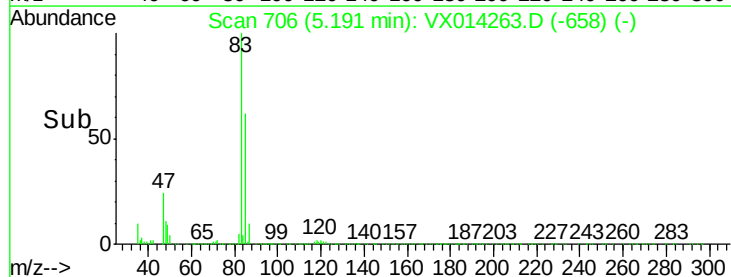
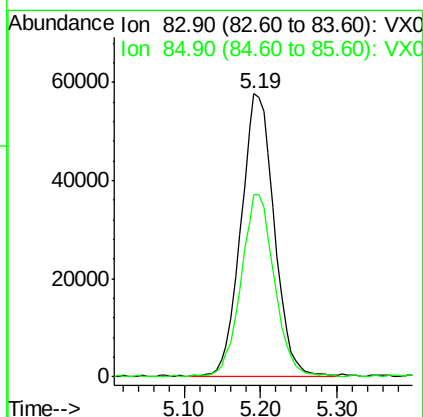
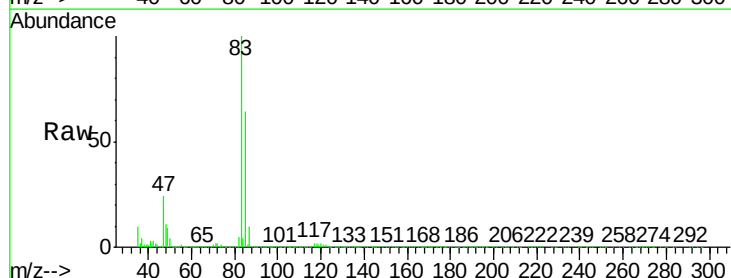
Instrument :
MSVOA_X
ClientSampleId :
VX1226MBS01

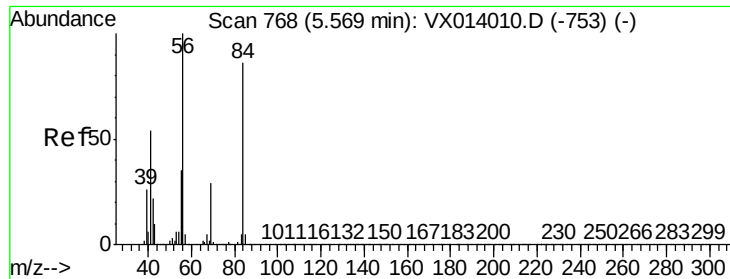
Tgt Ion: 42 Resp: 262623
Ion Ratio Lower Upper
42 100
72 43.1 35.8 53.8
71 40.7 33.6 50.4



#30
Chloroform
Concen: 20.174 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Tgt Ion: 83 Resp: 173625
Ion Ratio Lower Upper
83 100
85 64.1 50.8 76.2

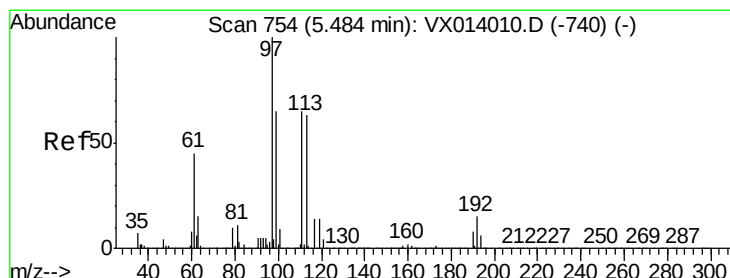
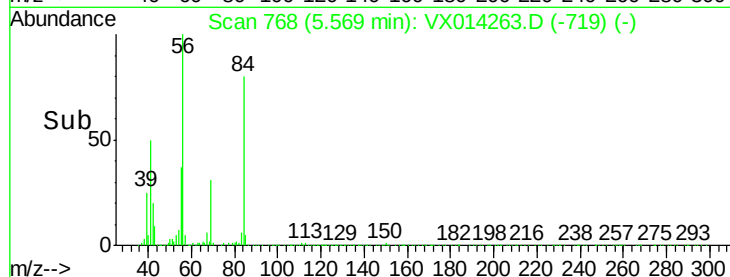
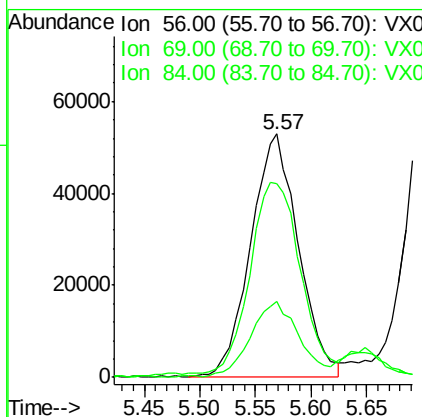
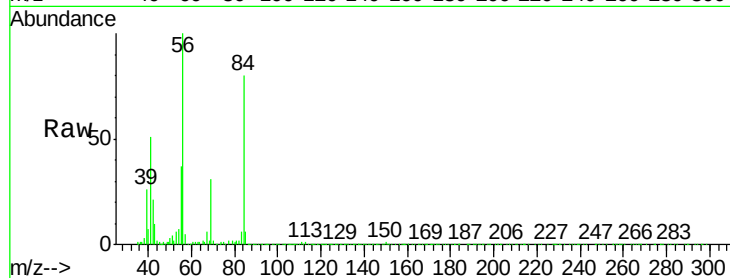




#31
Cyclohexane
Concen: 19.414 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

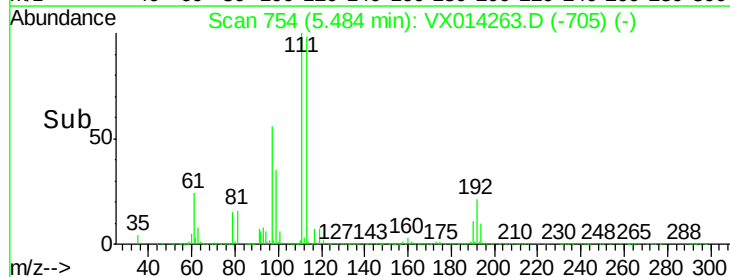
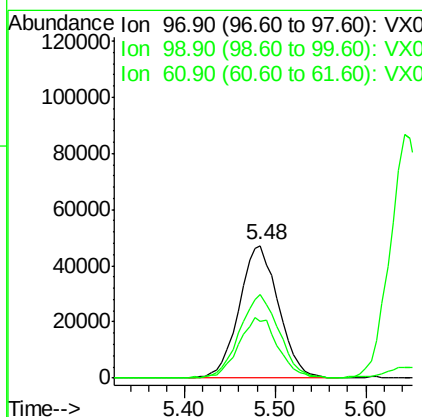
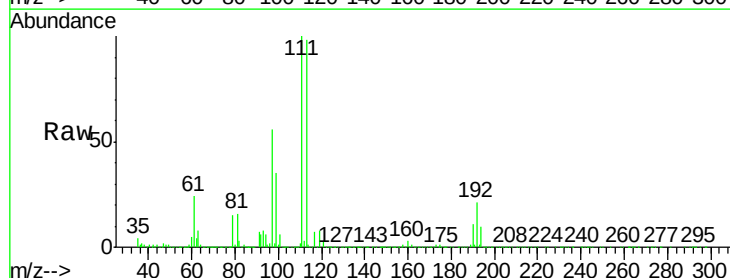
Instrument :
MSVOA_X
ClientSampleId :
VX1226MBS01

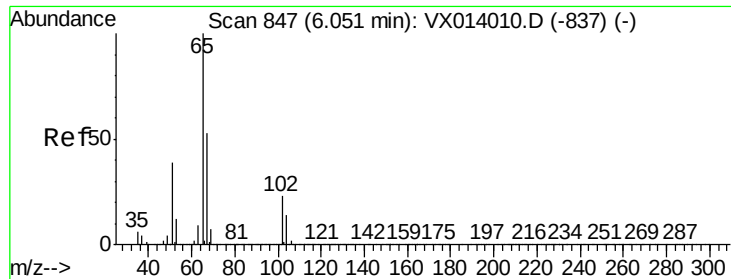
Tgt Ion: 56 Resp: 156758
Ion Ratio Lower Upper
56 100
69 30.7 23.2 34.8
84 78.3 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 19.254 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Tgt Ion: 97 Resp: 141224
Ion Ratio Lower Upper
97 100
99 64.1 52.0 78.0
61 44.9 36.7 55.1

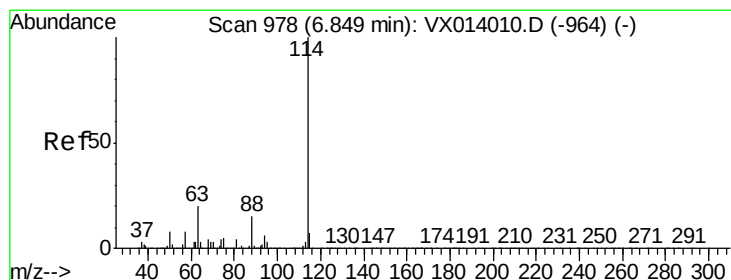
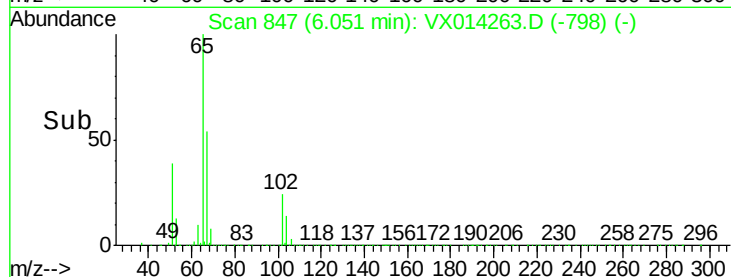
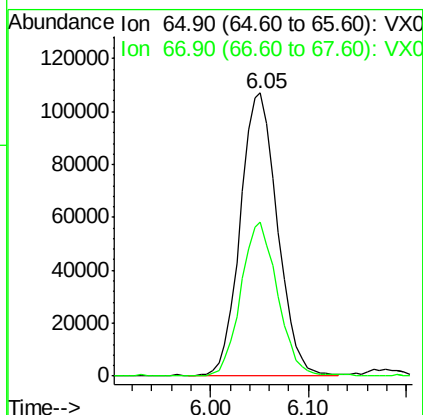
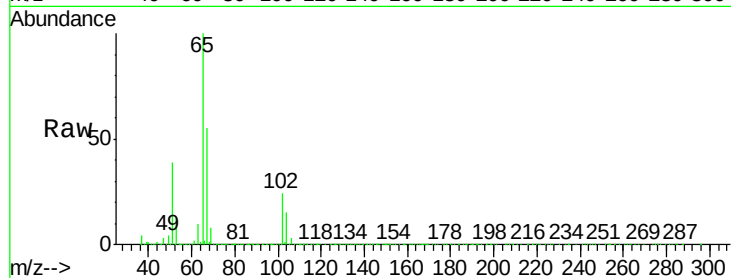




#33
 1,2-Dichloroethane-d4
 Concen: 51.833 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014263.D
 Acq: 26 Dec 2019 12:51

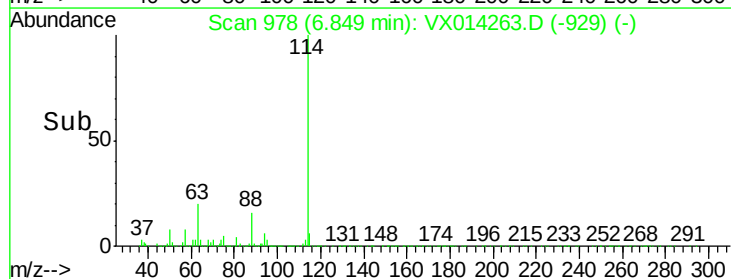
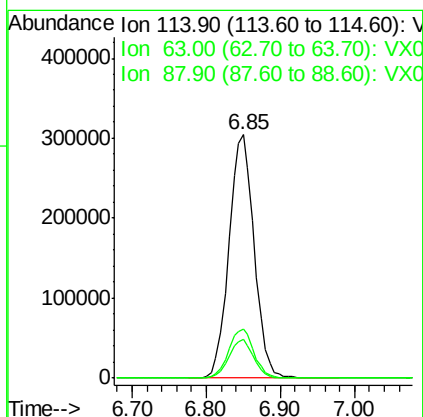
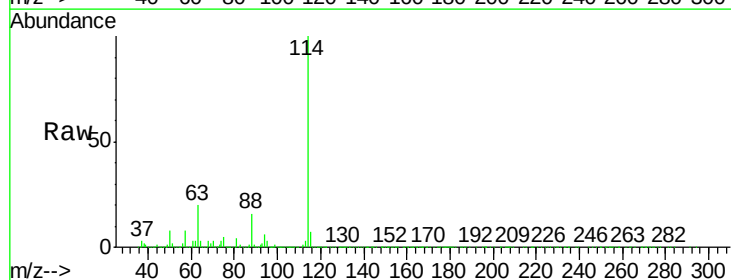
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226MBS01

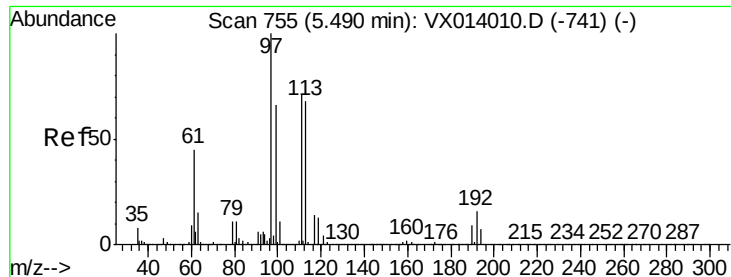
Tgt Ion: 65 Resp: 280086
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014263.D
 Acq: 26 Dec 2019 12:51

Tgt Ion: 114 Resp: 718353
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.8
 88 15.7 0.0 30.4





#35

Dibromofluoromethane

Concen: 53.239 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBS01

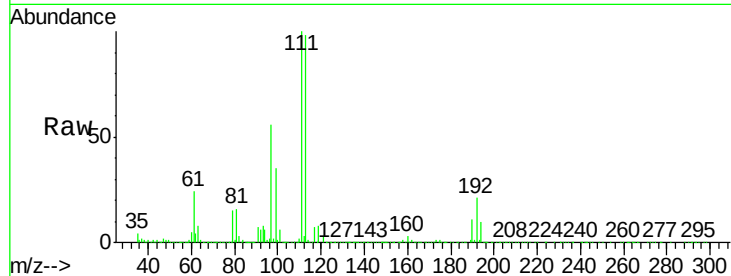
Tgt Ion:113 Resp: 232482

Ion Ratio Lower Upper

113 100

111 103.2 82.0 123.0

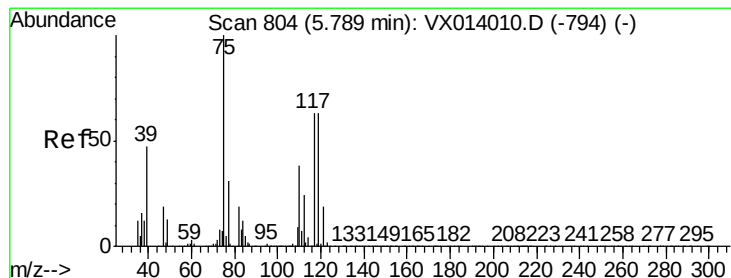
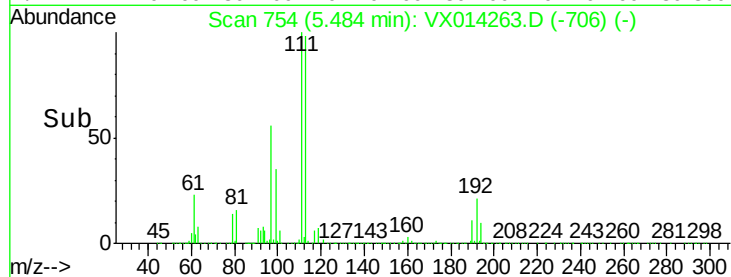
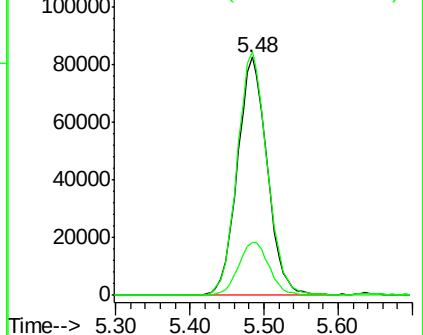
192 23.0 19.3 28.9



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: 19.118 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

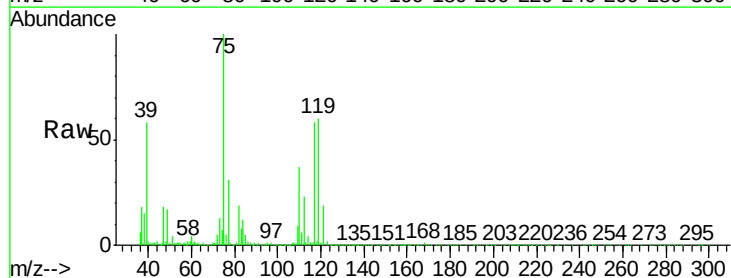
Tgt Ion: 75 Resp: 126010

Ion Ratio Lower Upper

75 100

110 37.5 18.3 54.9

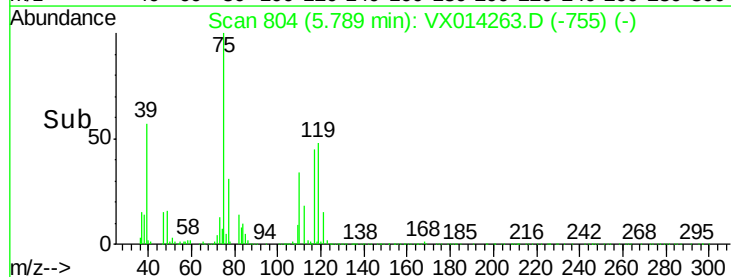
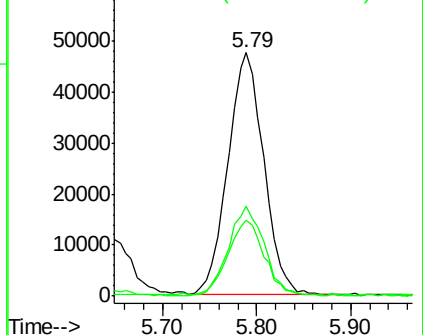
77 31.0 24.8 37.2

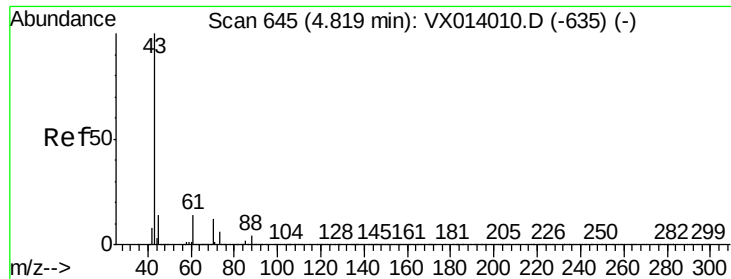


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

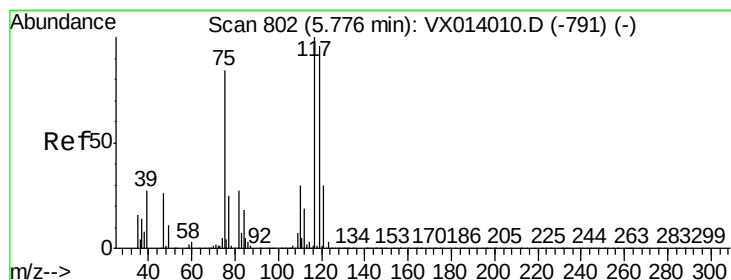
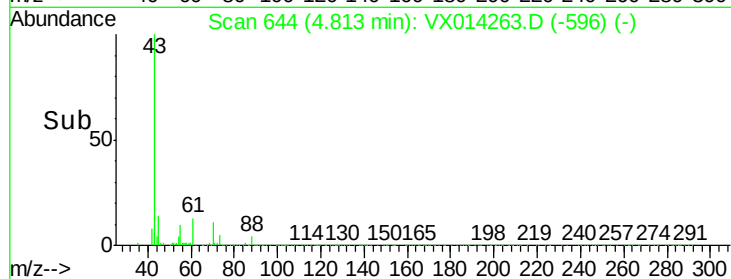
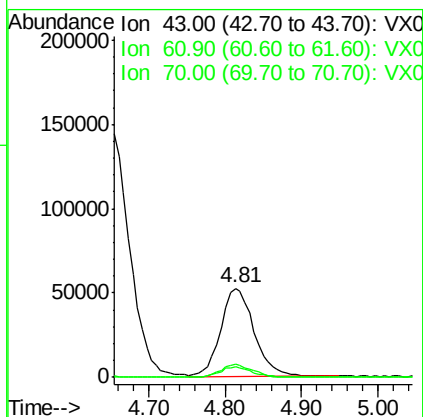
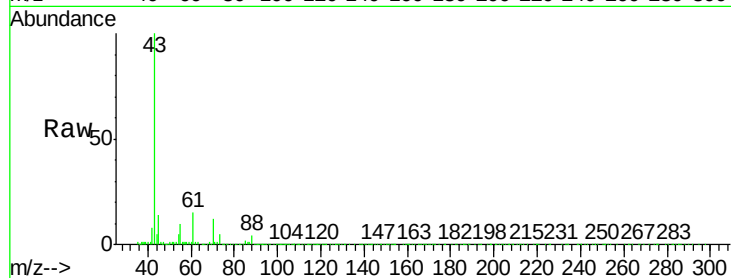




#37
Ethyl Acetate
Concen: 21.619 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

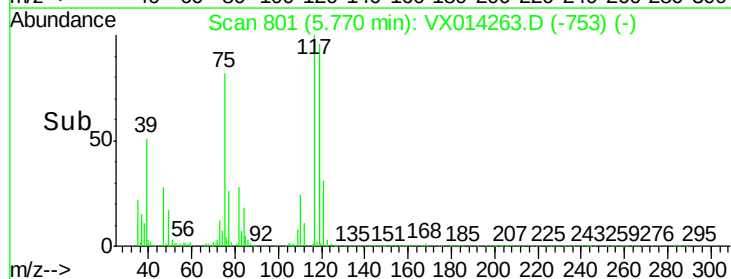
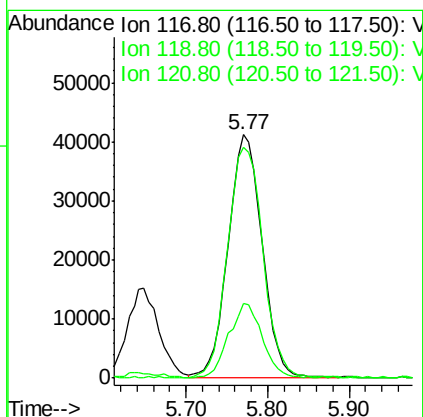
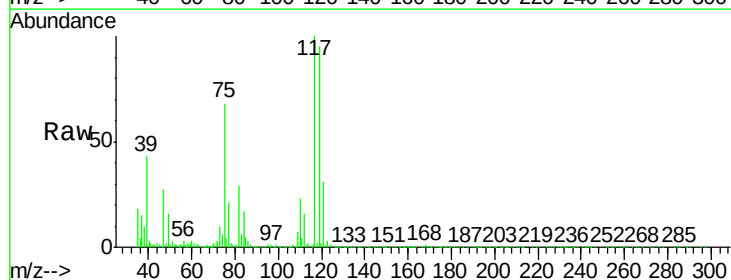
Instrument :
MSVOA_X
ClientSampleId :
VX1226MBS01

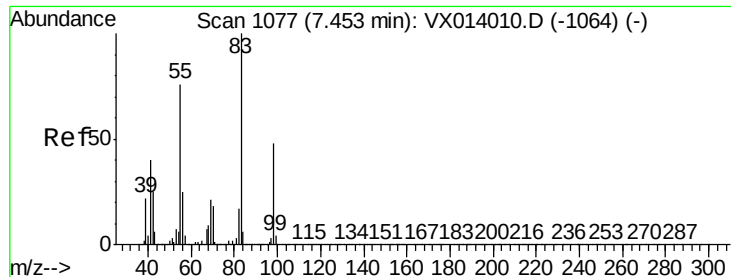
Tgt Ion:	43	Resp:	157359
Ion	Ratio	Lower	Upper
43	100		
61	14.9	10.8	16.2
70	10.6	8.6	12.8



#38
Carbon Tetrachloride
Concen: 19.600 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Tgt Ion:	117	Resp:	117692
Ion	Ratio	Lower	Upper
117	100		
119	94.7	76.2	114.4
121	30.6	23.6	35.4

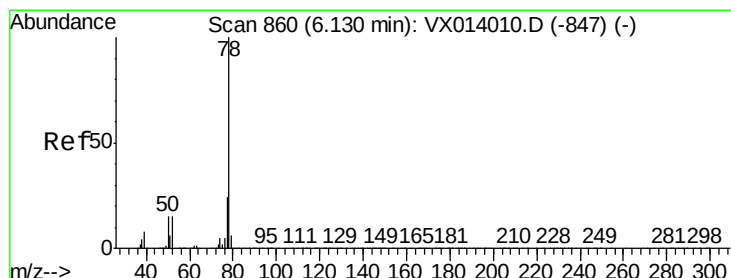
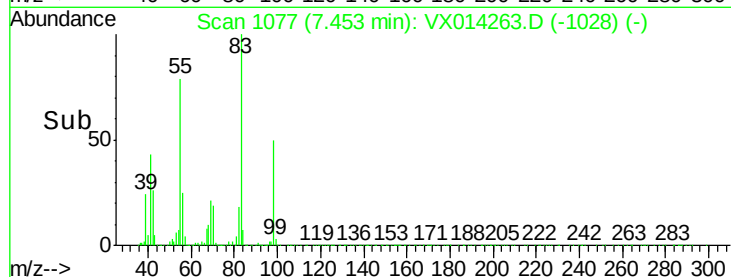
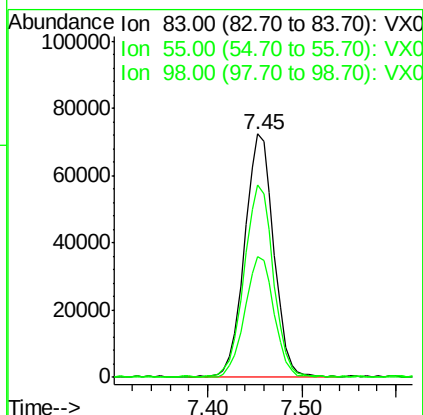
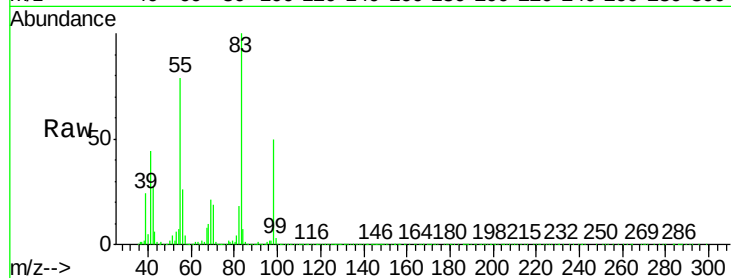




#39
Methylcyclohexane
Concen: 19.246 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

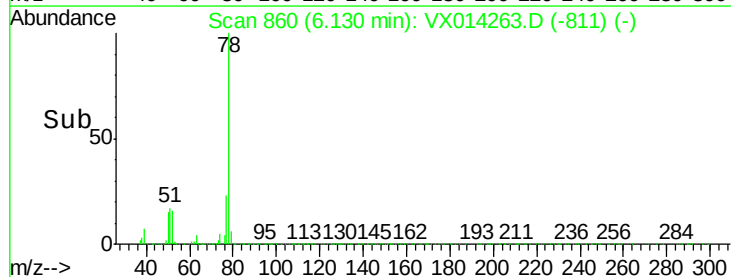
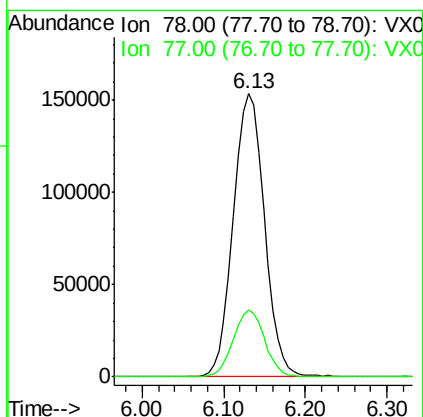
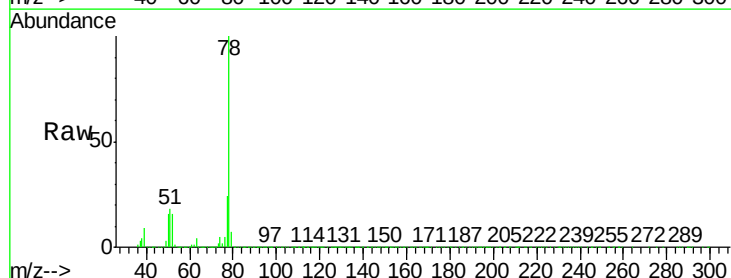
Instrument :
MSVOA_X
ClientSampleId :
VX1226MBS01

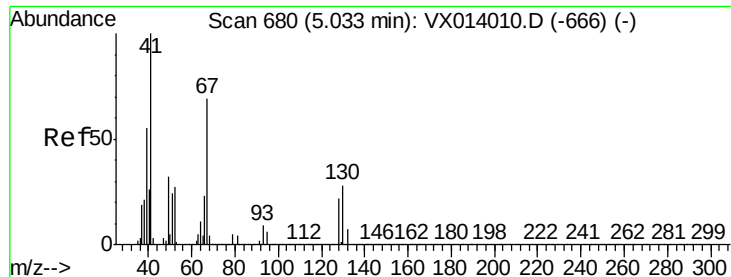
Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.9	61.0	91.6
98	49.6	38.6	57.8



#40
Benzene
Concen: 20.057 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.8	28.2

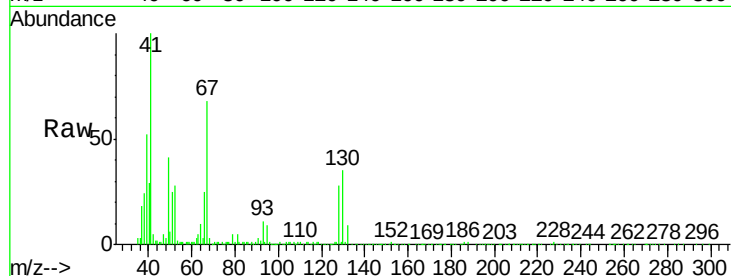




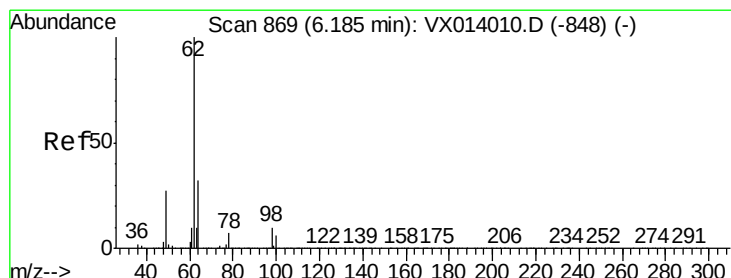
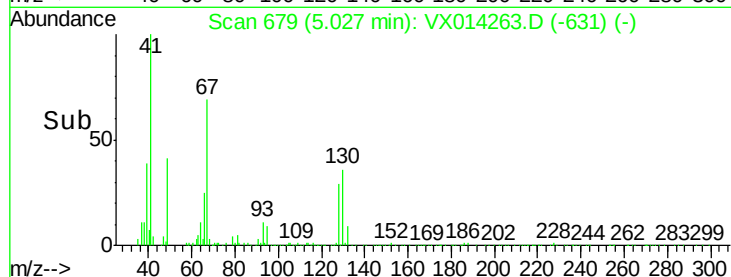
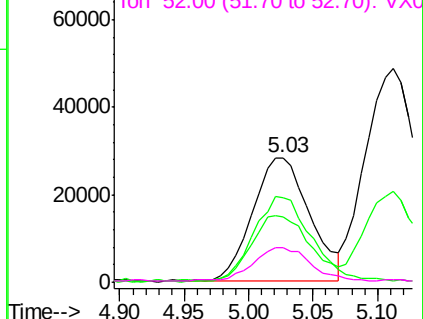
#41
Methacrylonitrile
Concen: 21.439 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX1226MBS01

Tgt Ion:	41	Resp:	86582
Ion	Ratio	Lower	Upper
41	100		
39	55.0	44.5	66.7
67	71.8	57.4	86.0
52	28.4	23.0	34.4

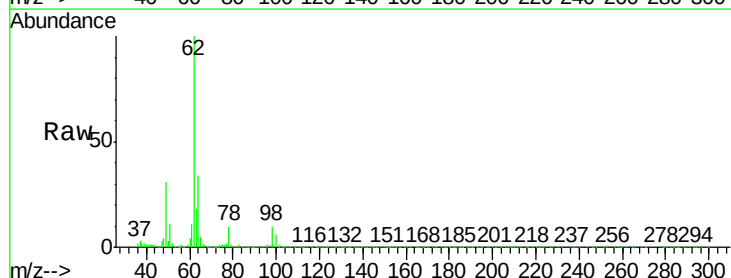


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

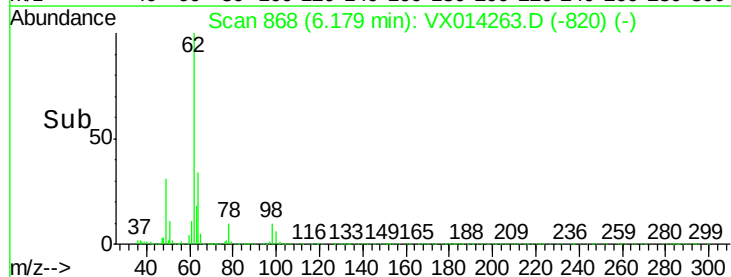
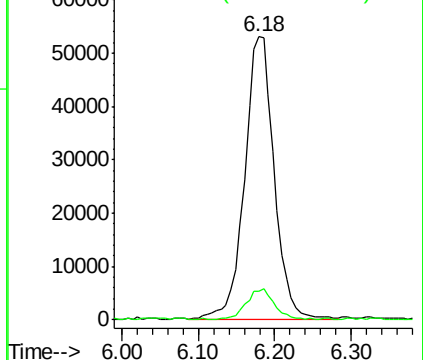


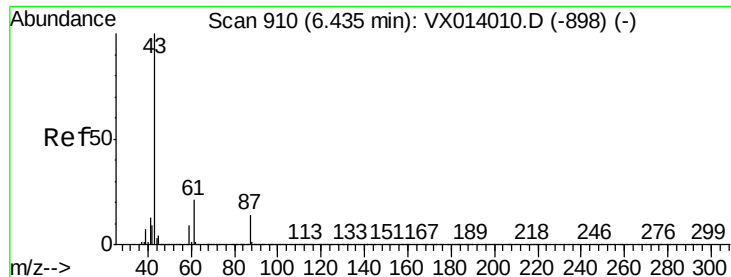
#42
1,2-Dichloroethane
Concen: 20.534 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Tgt Ion:	62	Resp:	141165
Ion	Ratio	Lower	Upper
62	100		
98	10.3	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: 21.186 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBS01

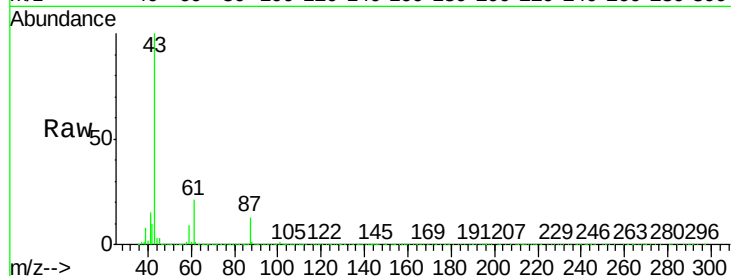
Tgt Ion: 43 Resp: 255204

Ion Ratio Lower Upper

43 100

61 20.8 16.4 24.6

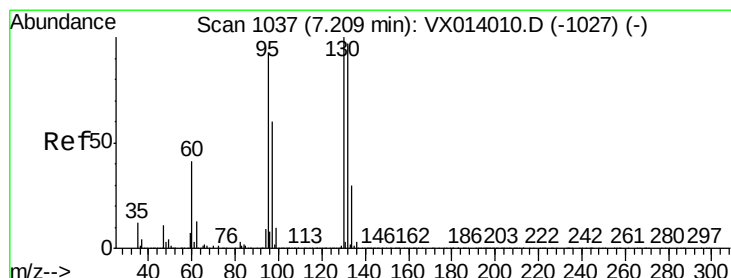
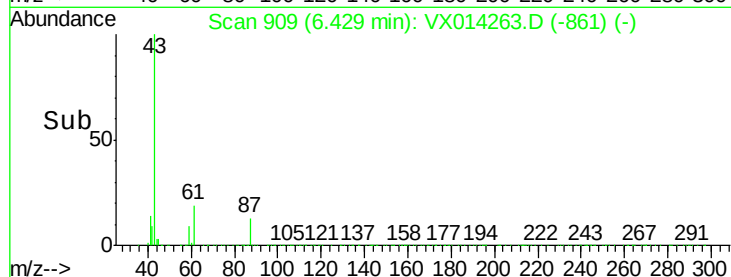
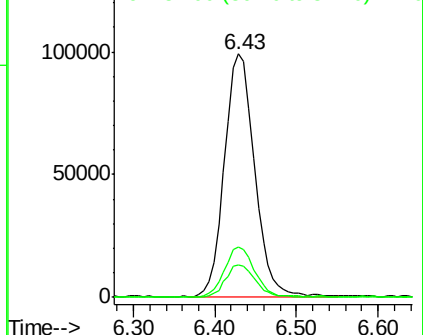
87 12.8 10.7 16.1



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: 19.527 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014263.D

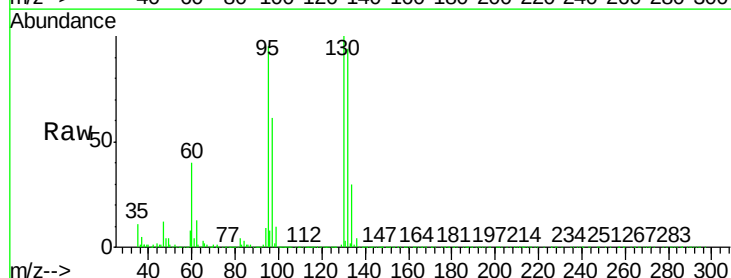
Acq: 26 Dec 2019 12:51

Tgt Ion: 130 Resp: 109382

Ion Ratio Lower Upper

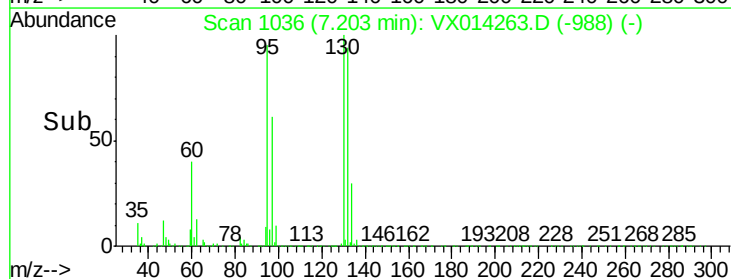
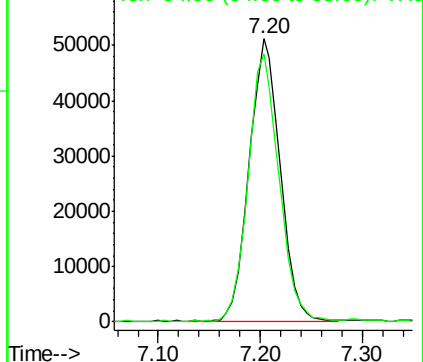
130 100

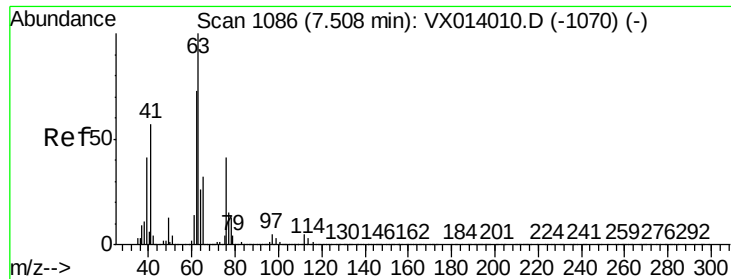
95 94.6 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

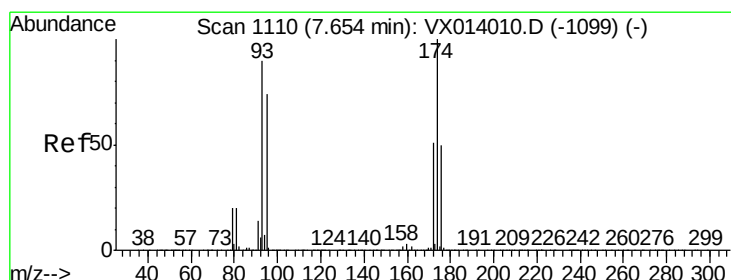
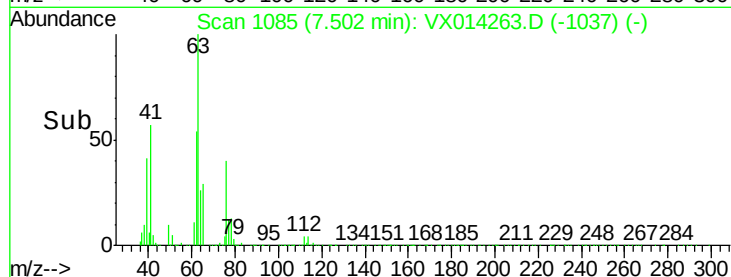
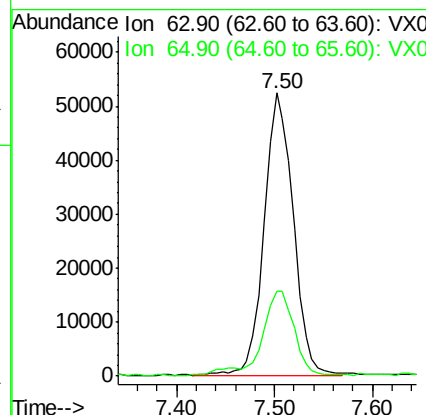
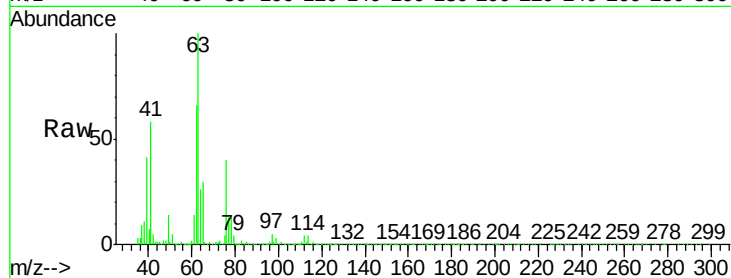




#45
 1,2-Dichloropropane
 Concen: 20.727 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014263.D
 Acq: 26 Dec 2019 12:51

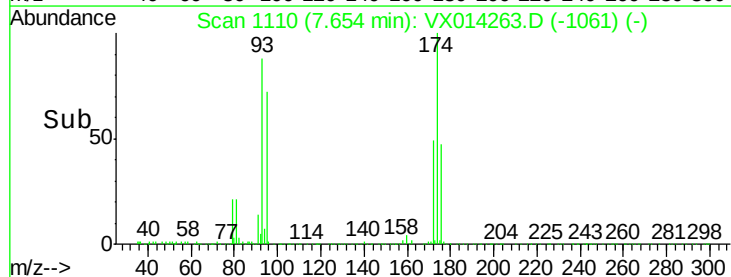
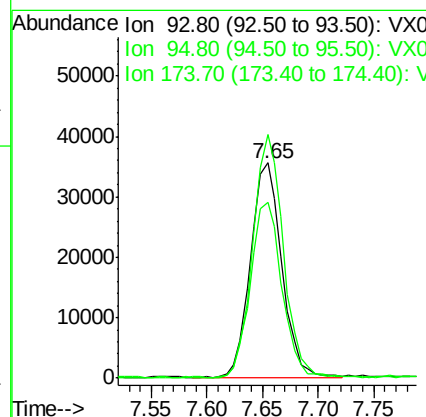
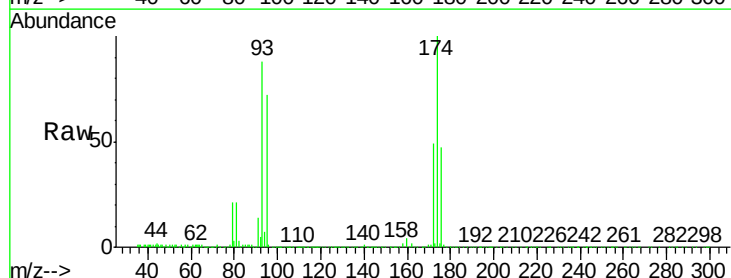
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226MBS01

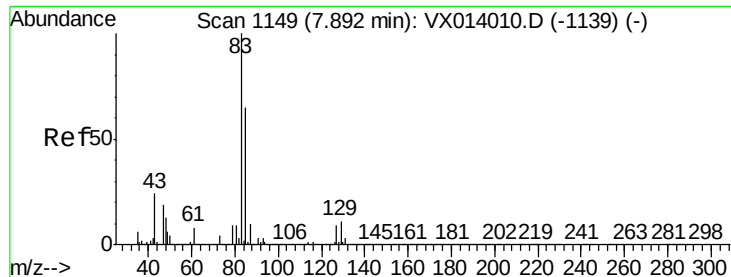
Tgt Ion: 63 Resp: 107741
 Ion Ratio Lower Upper
 63 100
 65 30.0 25.8 38.8



#46
 Dibromomethane
 Concen: 20.271 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014263.D
 Acq: 26 Dec 2019 12:51

Tgt Ion: 93 Resp: 69665
 Ion Ratio Lower Upper
 93 100
 95 82.5 67.3 100.9
 174 111.8 91.6 137.4





#47

Bromodichloromethane

Concen: 20.224 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBS01

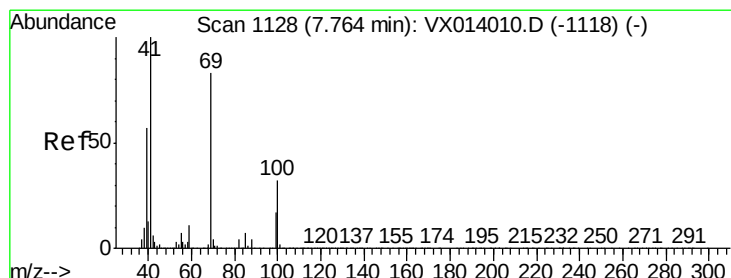
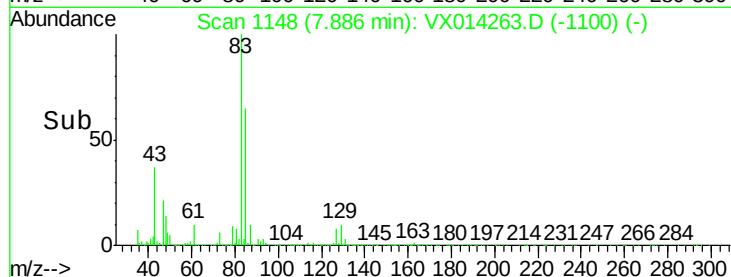
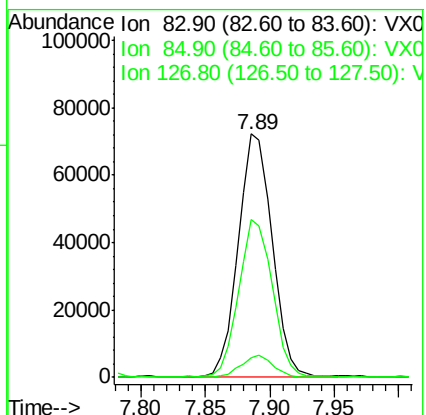
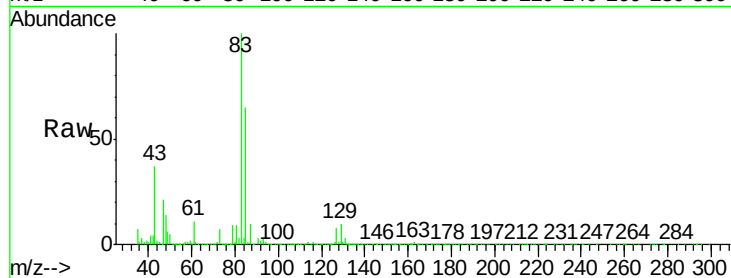
Tgt Ion: 83 Resp: 130904

Ion Ratio Lower Upper

83 100

85 64.8 51.8 77.8

127 7.9 7.0 10.4



#48

Methyl methacrylate

Concen: 20.585 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

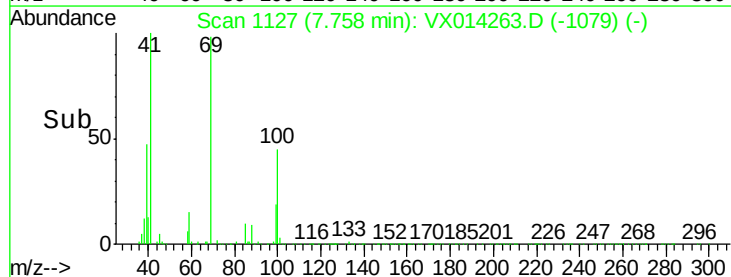
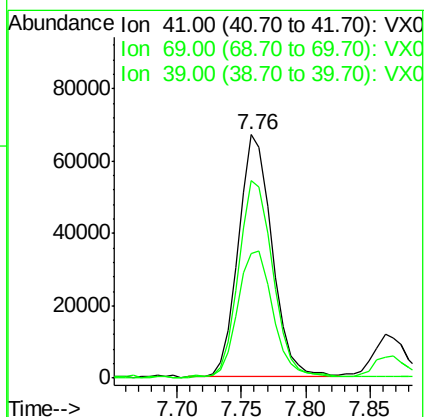
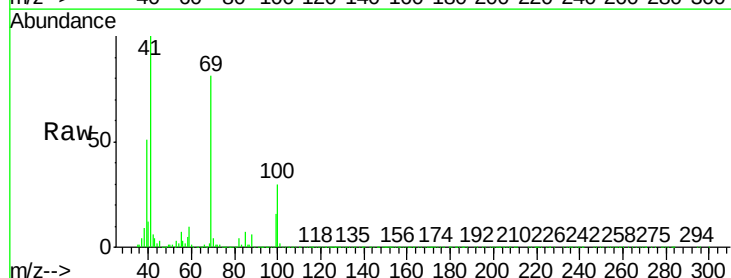
Tgt Ion: 41 Resp: 121421

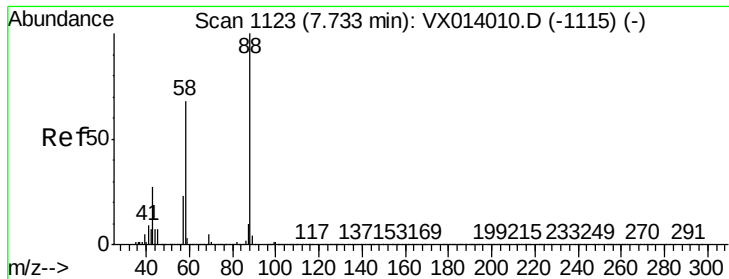
Ion Ratio Lower Upper

41 100

69 83.2 65.8 98.6

39 55.1 44.6 67.0





#49

1,4-Dioxane

Concen: 426.456 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBS01

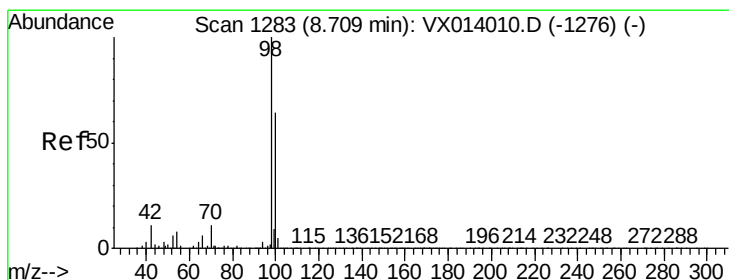
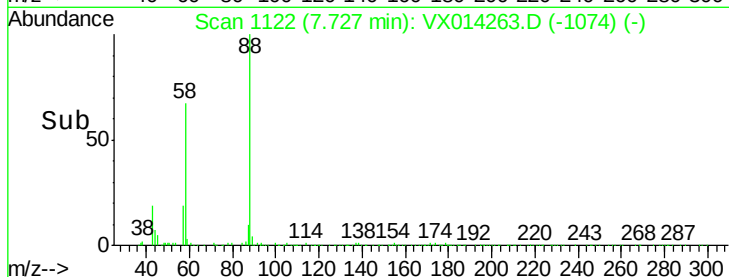
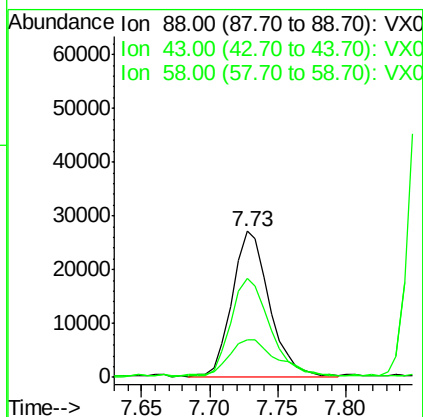
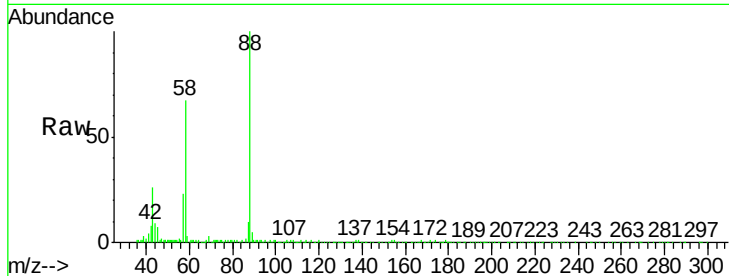
Tgt Ion: 88 Resp: 51190

Ion Ratio Lower Upper

88 100

43 34.1 26.5 39.7

58 71.0 56.8 85.2



#50

Toluene-d8

Concen: 52.161 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014263.D

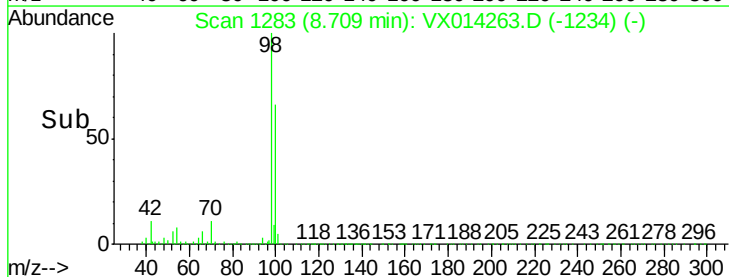
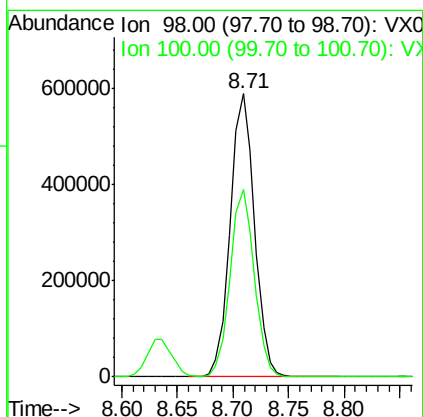
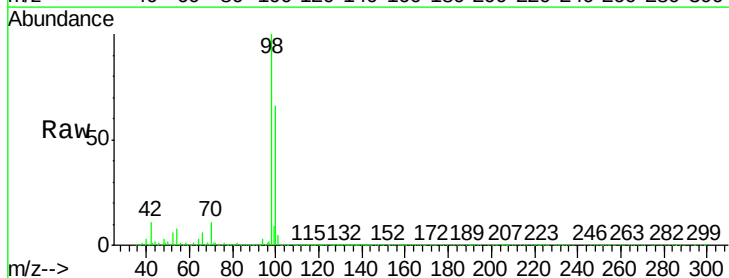
Acq: 26 Dec 2019 12:51

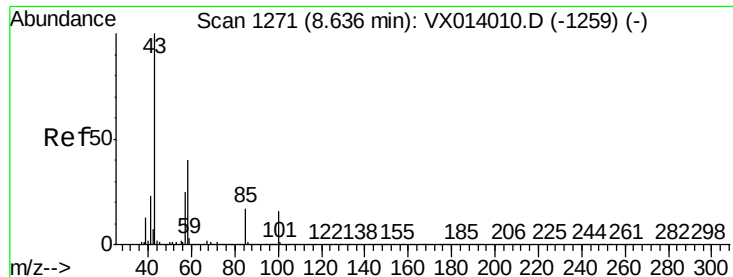
Tgt Ion: 98 Resp: 886785

Ion Ratio Lower Upper

98 100

100 65.9 52.9 79.3

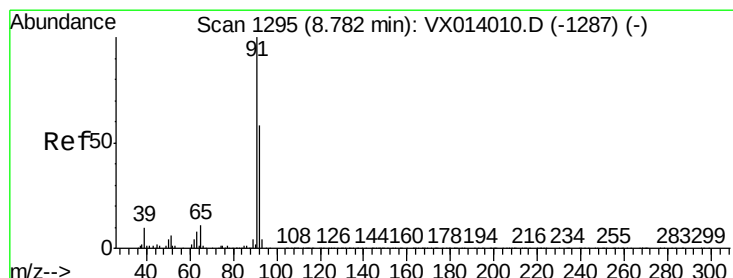
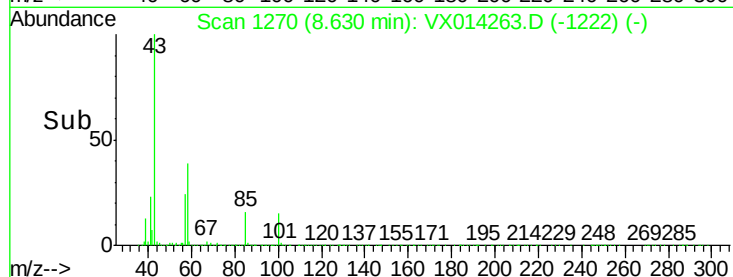
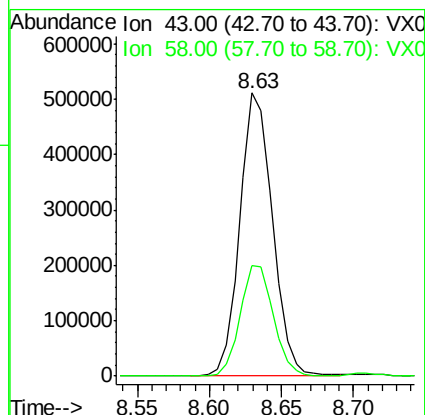
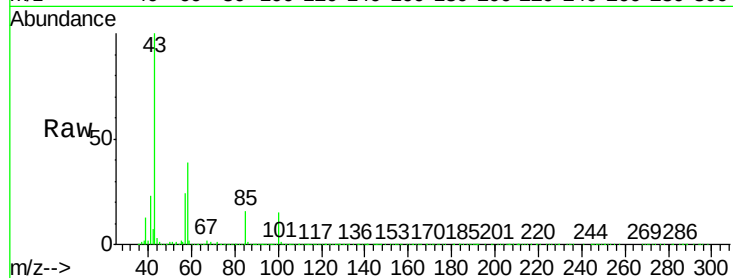




#51
4-Methyl-2-Pentanone
Concen: 106.227 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

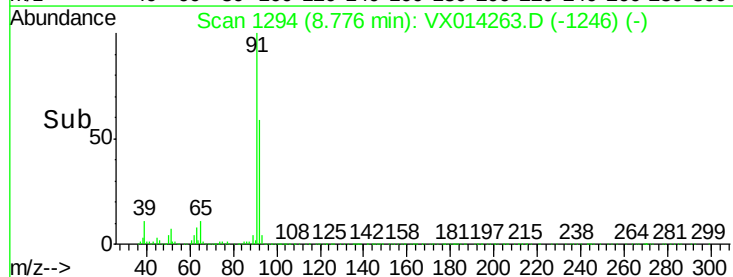
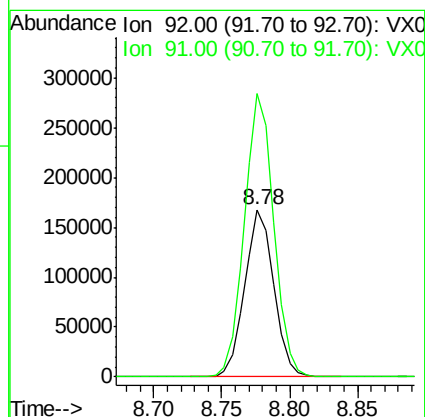
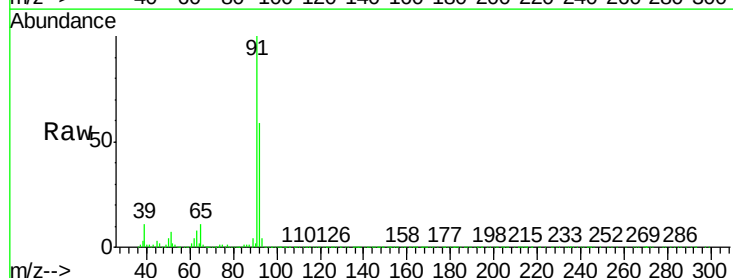
Instrument :
MSVOA_X
ClientSampleId :
VX1226MBS01

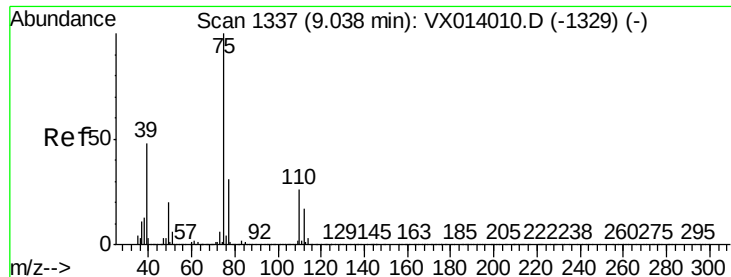
Tgt Ion: 43 Resp: 803606
Ion Ratio Lower Upper
43 100
58 39.7 32.2 48.2



#52
Toluene
Concen: 19.563 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Tgt Ion: 92 Resp: 250779
Ion Ratio Lower Upper
92 100
91 171.6 136.2 204.4

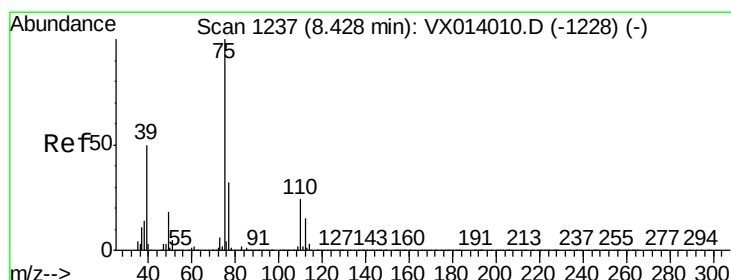
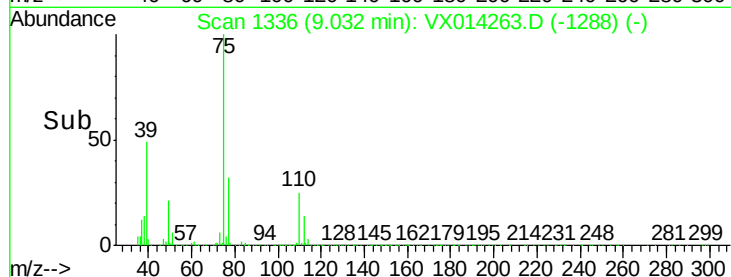
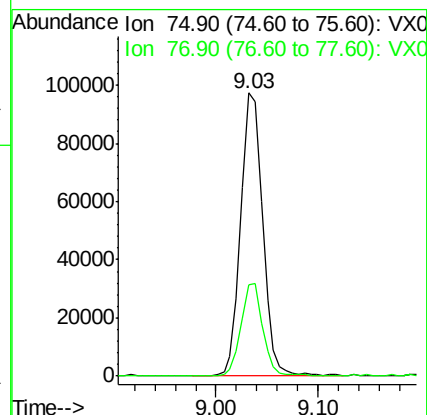
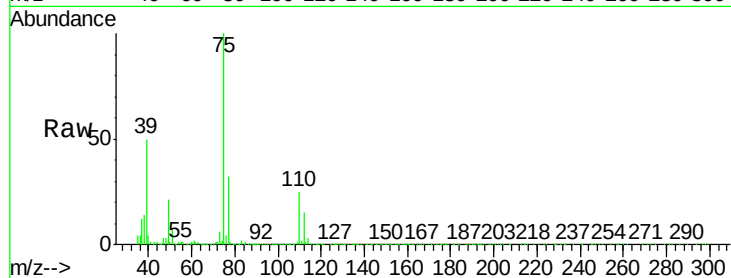




#53
t-1,3-Dichloropropene
Concen: 20.340 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

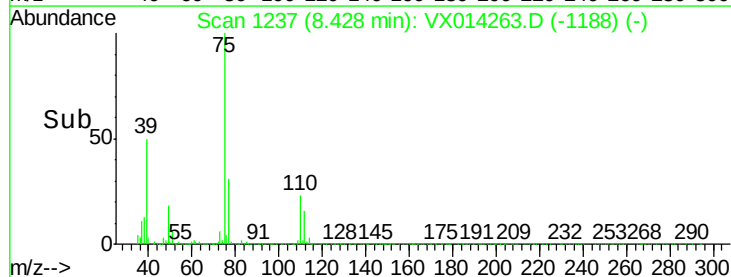
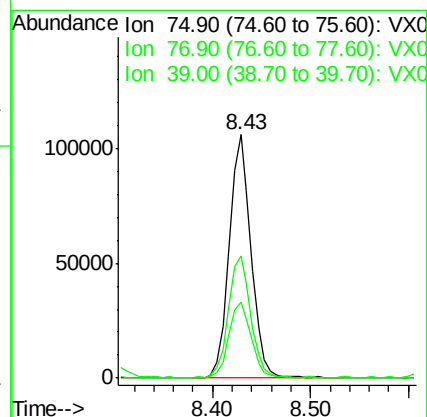
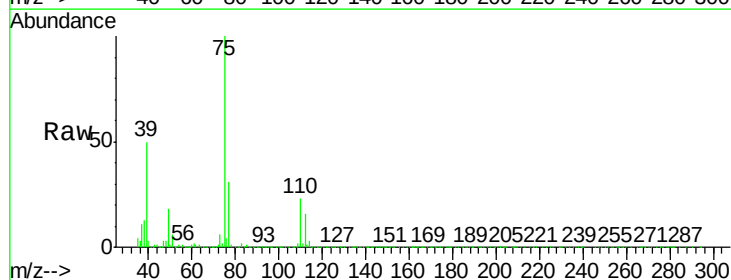
Instrument :
MSVOA_X
ClientSampled :
VX1226MBS01

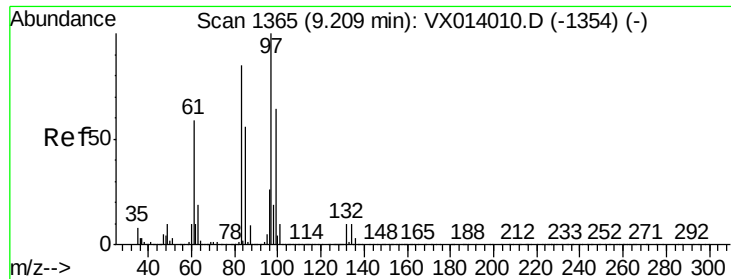
Tgt Ion: 75 Resp: 144354
Ion Ratio Lower Upper
75 100
77 32.0 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 20.540 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Tgt Ion: 75 Resp: 162406
Ion Ratio Lower Upper
75 100
77 31.0 25.3 37.9
39 49.8 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 20.498 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Instrument :

MSVOA_X

ClientSampled :

VX1226MBS01

Tgt Ion: 97 Resp: 105313

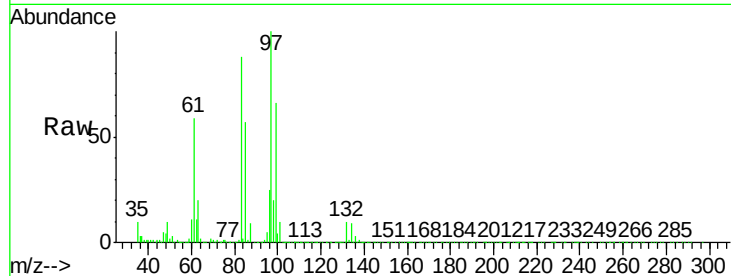
Ion Ratio Lower Upper

97 100

83 88.3 68.2 102.4

85 56.2 44.6 66.8

99 66.2 51.4 77.0

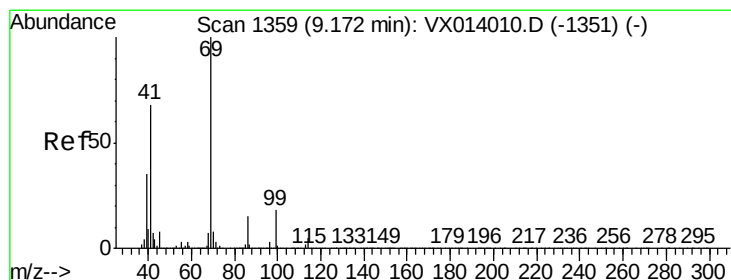
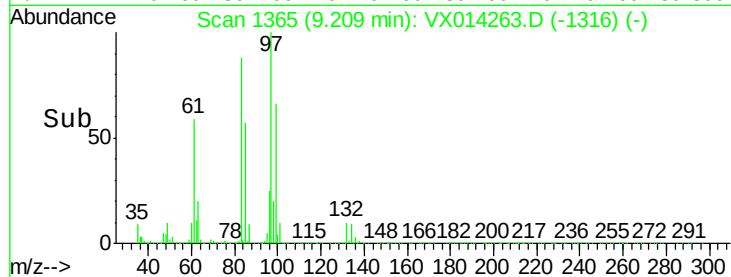
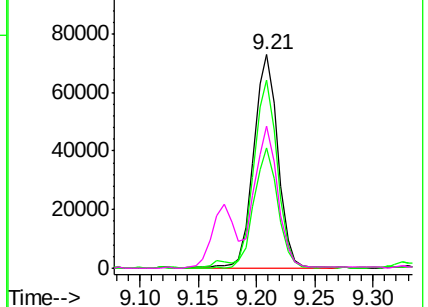


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 20.308 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

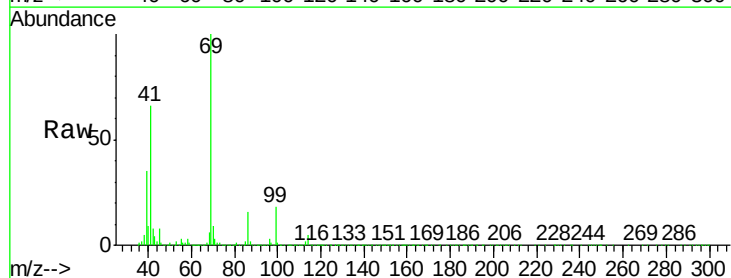
Tgt Ion: 69 Resp: 163890

Ion Ratio Lower Upper

69 100

41 67.9 54.8 82.2

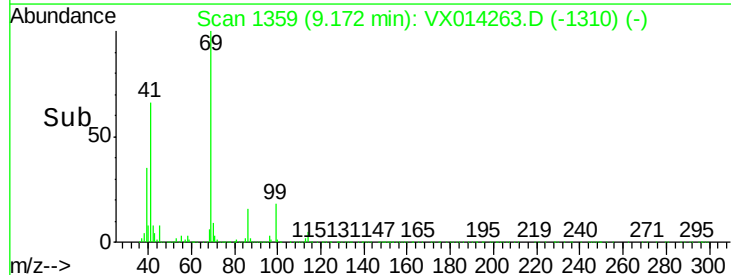
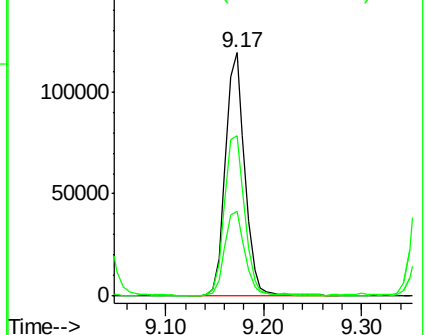
39 35.8 28.3 42.5

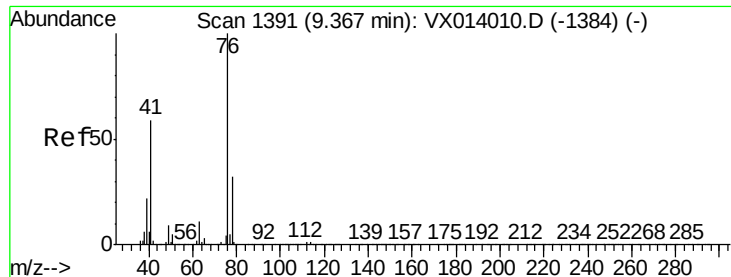


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.466 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

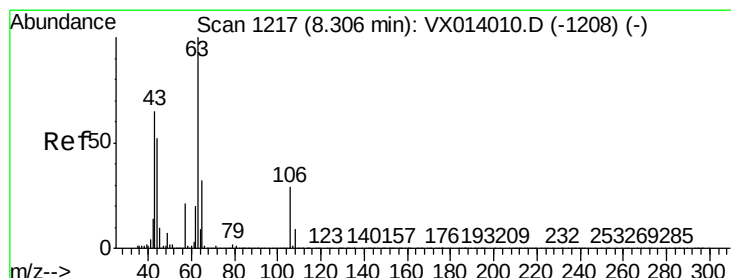
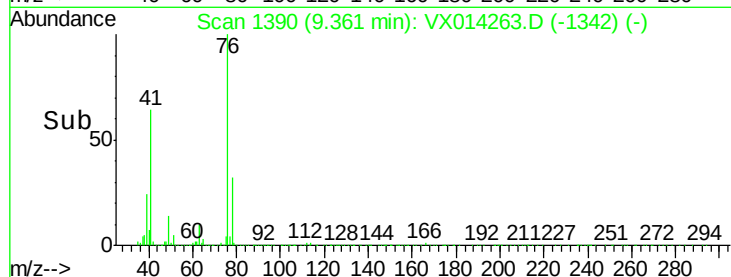
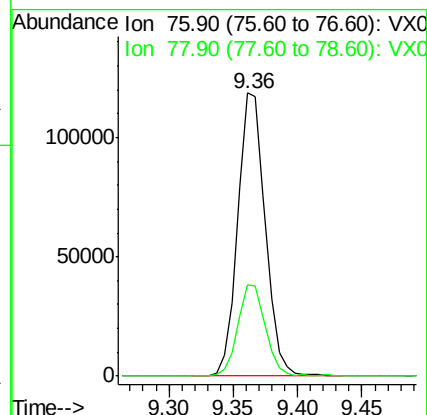
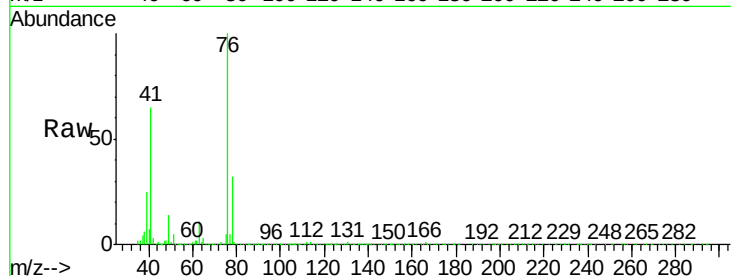
VX1226MBS01

Tgt Ion: 76 Resp: 176905

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 108.078 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014263.D

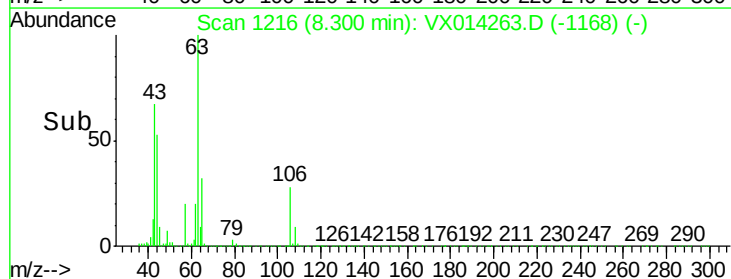
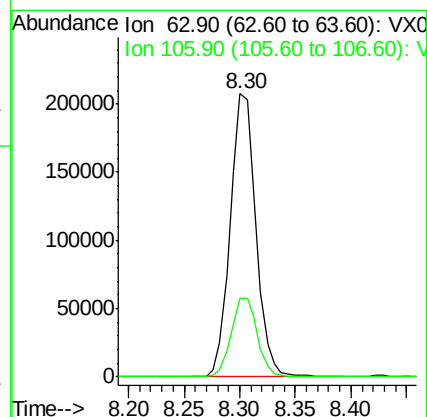
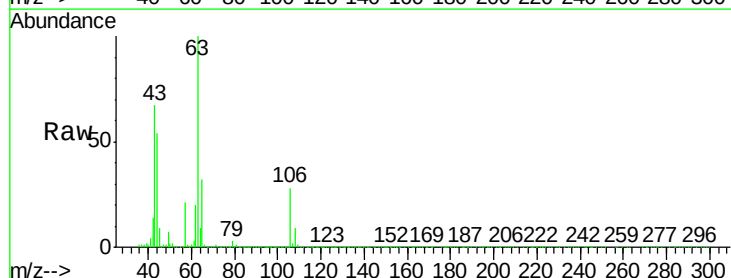
Acq: 26 Dec 2019 12:51

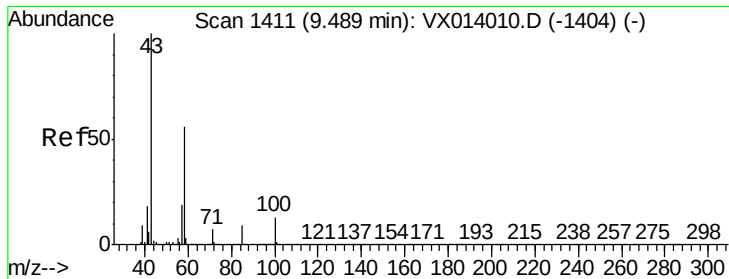
Tgt Ion: 63 Resp: 330084

Ion Ratio Lower Upper

63 100

106 28.6 23.0 34.6

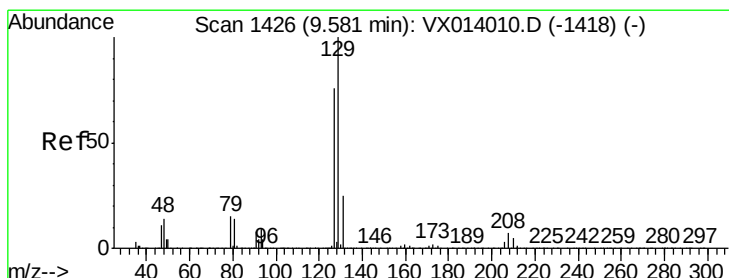
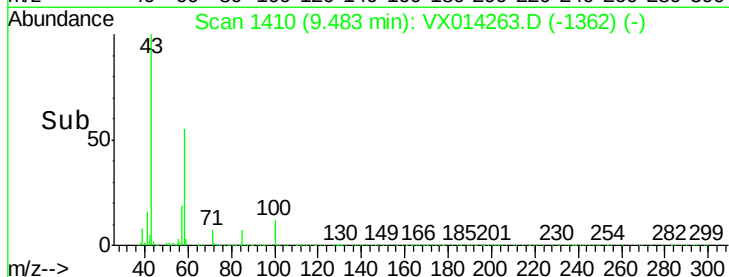
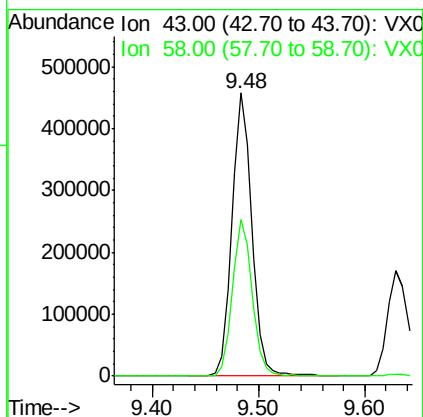
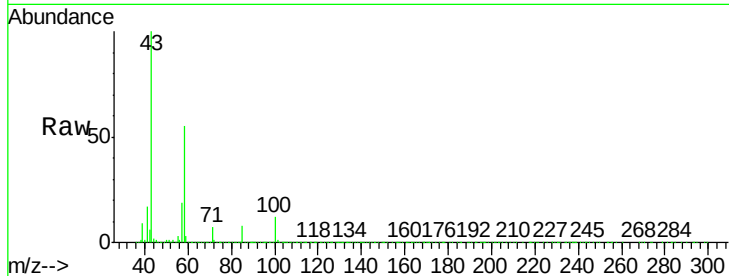




#59
2-Hexanone
Concen: 98.777 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

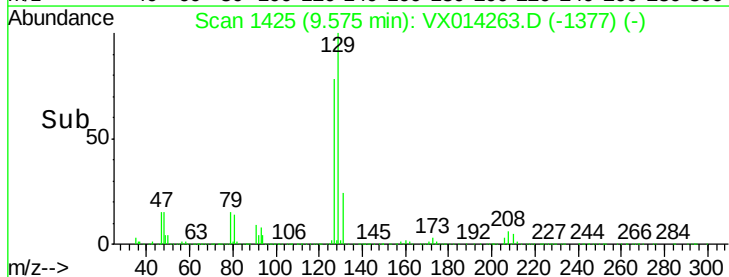
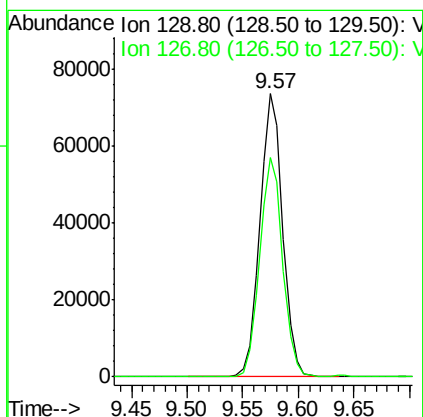
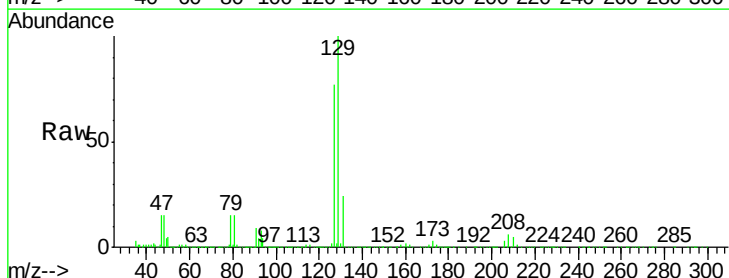
Instrument :
MSVOA_X
ClientSampled :
VX1226MBS01

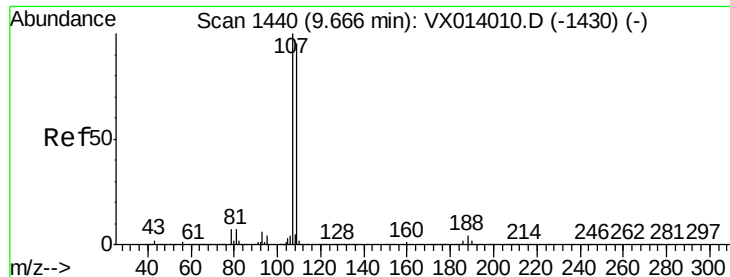
Tgt Ion: 43 Resp: 601536
Ion Ratio Lower Upper
43 100
58 55.1 28.0 84.0



#60
Dibromochloromethane
Concen: 20.566 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Tgt Ion: 129 Resp: 105028
Ion Ratio Lower Upper
129 100
127 77.8 38.4 115.2





#61

1,2-Dibromoethane

Concen: 20.808 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

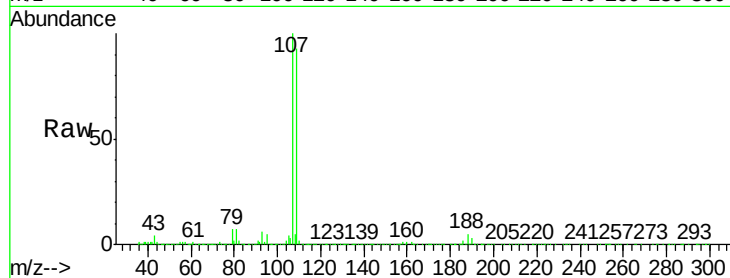
VX1226MBS01

Tgt Ion: 107 Resp: 109377

Ion Ratio Lower Upper

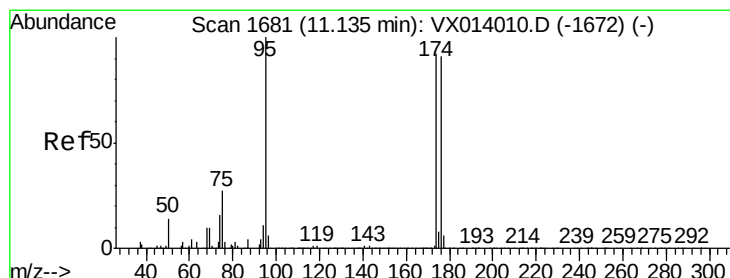
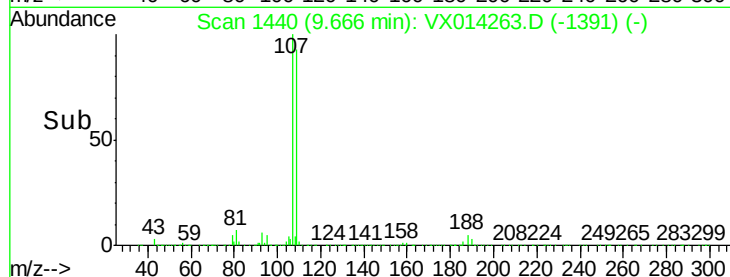
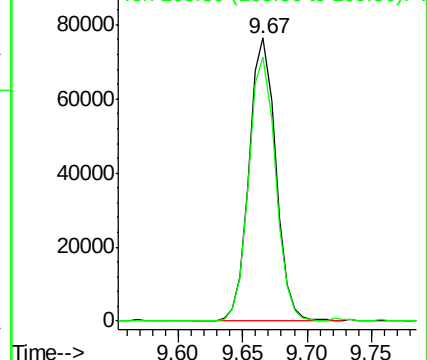
107 100

109 93.4 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: 50.589 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

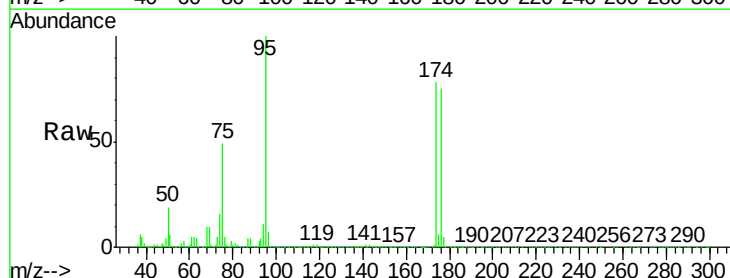
Tgt Ion: 95 Resp: 314394

Ion Ratio Lower Upper

95 100

174 88.8 0.0 175.8

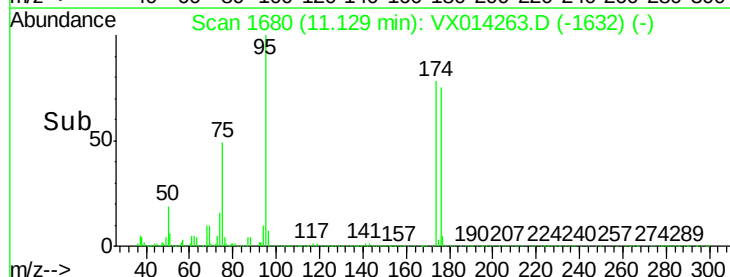
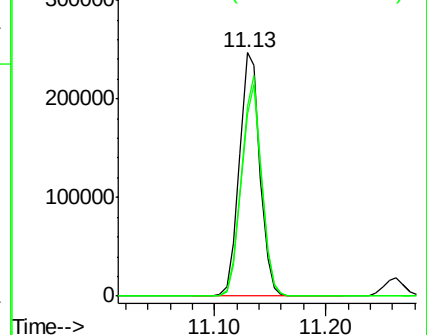
176 85.1 0.0 173.0

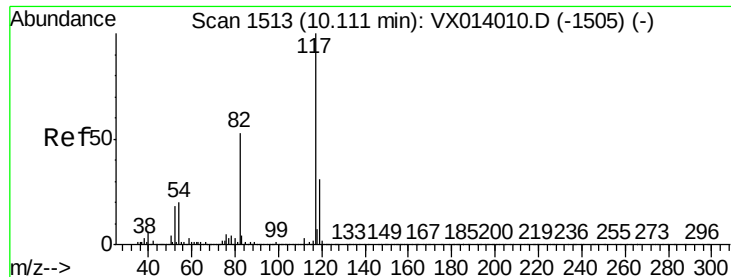


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

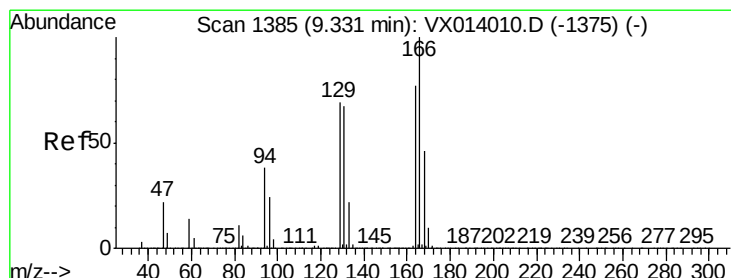
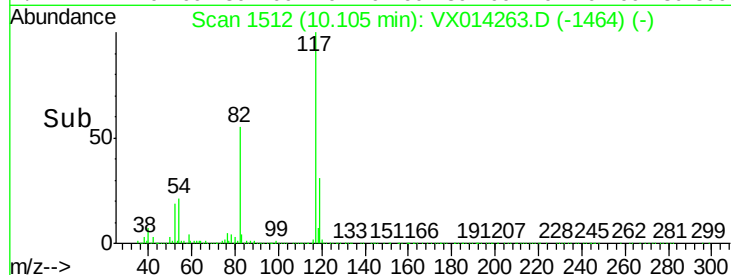
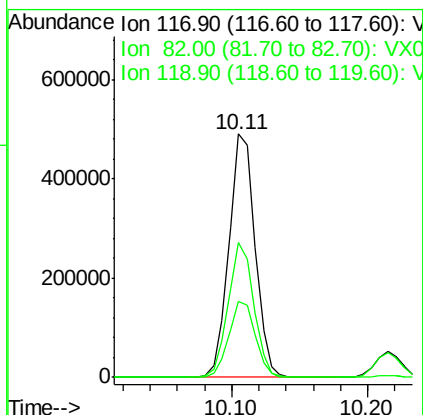
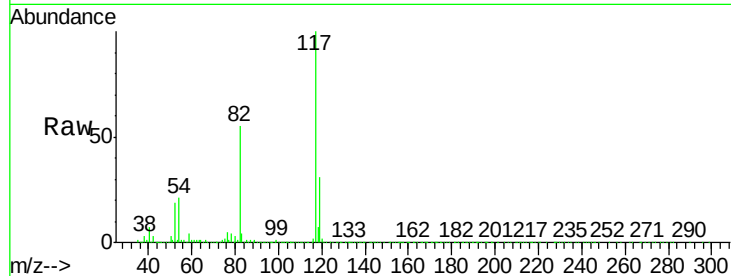




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

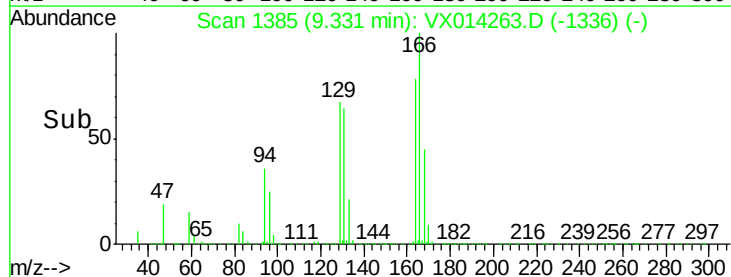
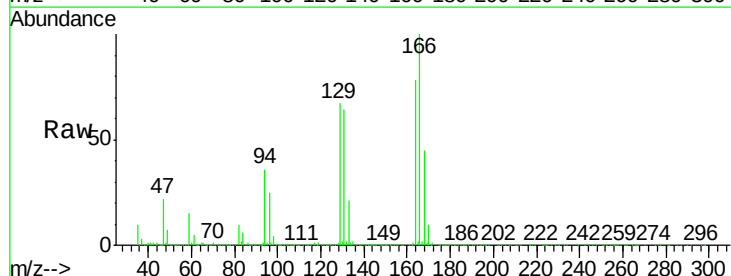
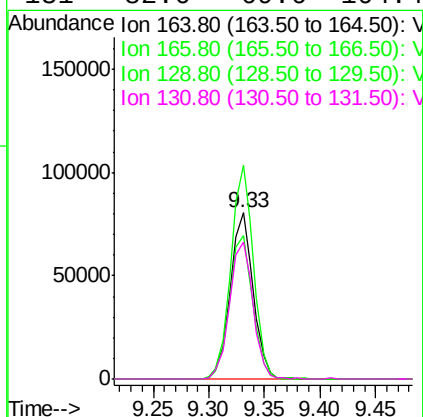
Instrument :
MSVOA_X
ClientSampleId :
VX1226MBS01

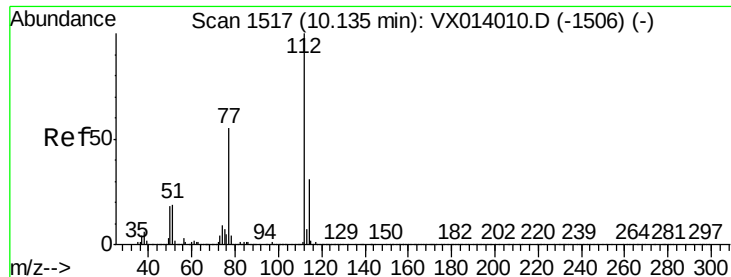
Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.2	42.2	63.4
119	31.3	25.1	37.7



#64
Tetrachloroethene
Concen: 19.714 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.4	104.0	156.0
129	85.7	72.2	108.4
131	82.6	69.6	104.4





#65

Chlorobenzene

Concen: 19.486 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

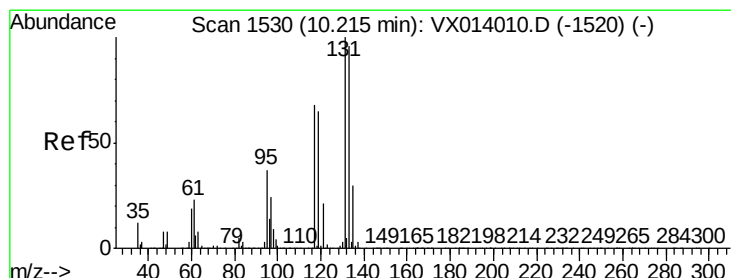
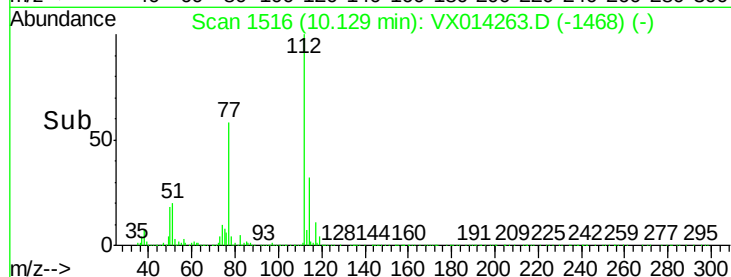
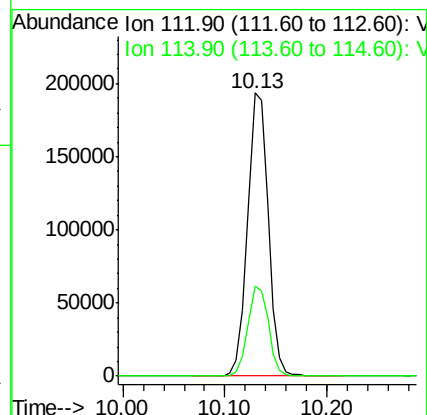
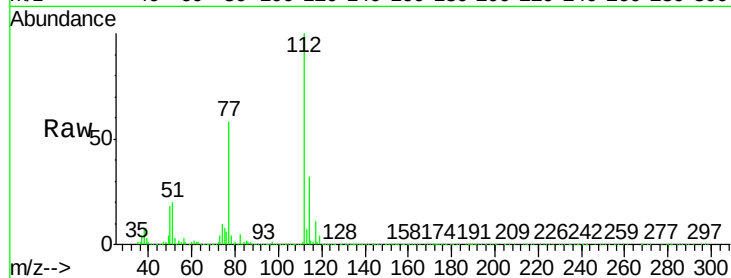
VX1226MBS01

Tgt Ion:112 Resp: 271520

Ion Ratio Lower Upper

112 100

114 31.7 24.9 37.3



#66

1,1,1,2-Tetrachloroethane

Concen: 19.894 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

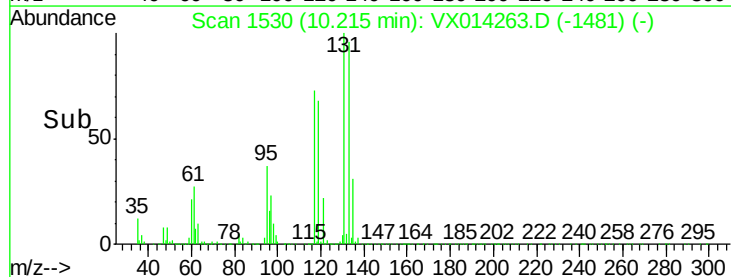
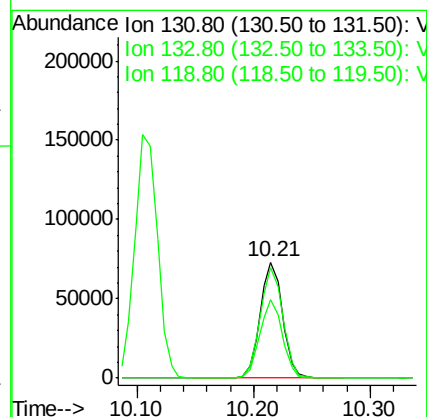
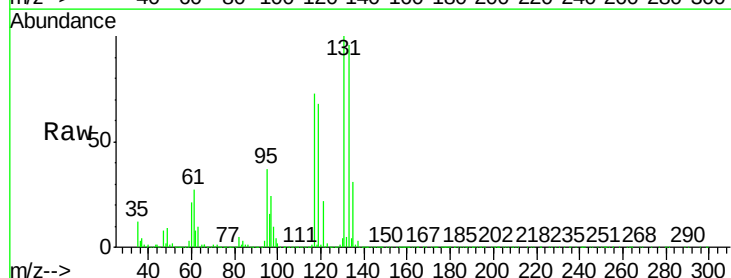
Tgt Ion:131 Resp: 98975

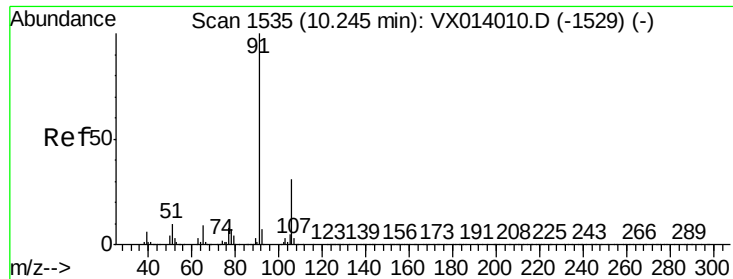
Ion Ratio Lower Upper

131 100

133 96.3 48.0 144.0

119 67.1 33.4 100.2

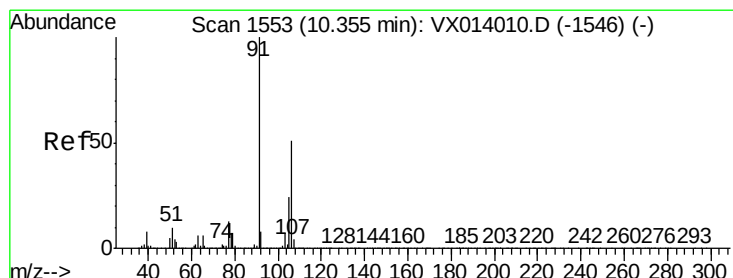
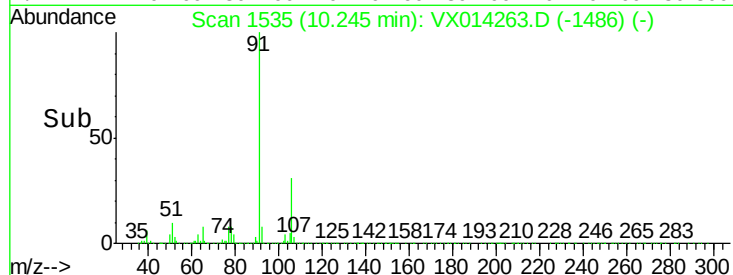
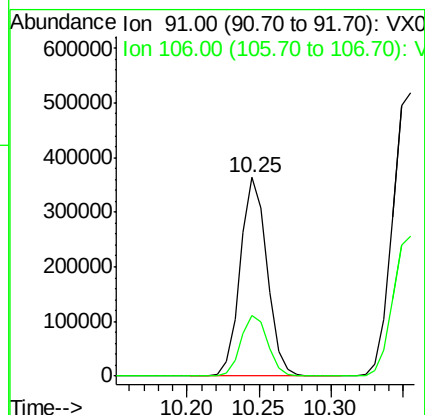
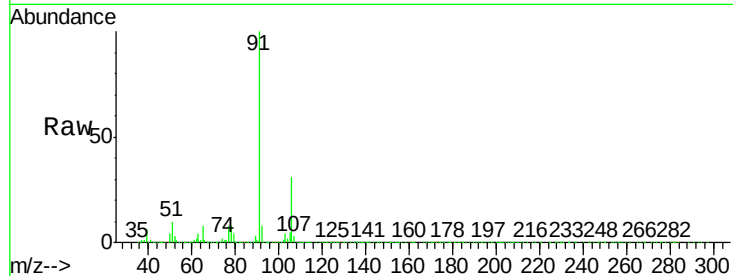




#67
Ethyl Benzene
Concen: 19.646 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

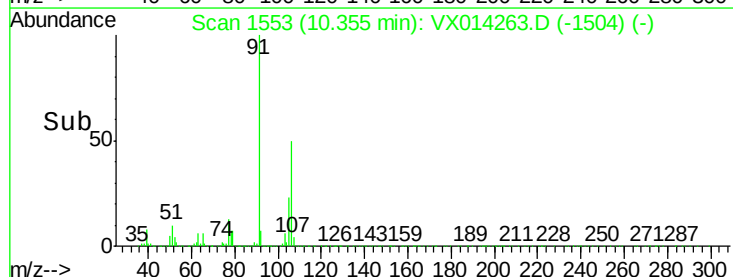
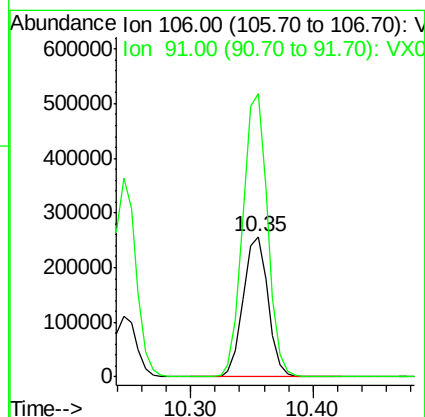
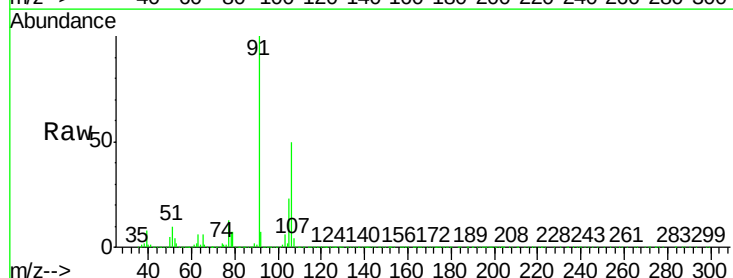
Instrument :
MSVOA_X
ClientSampleId :
VX1226MBS01

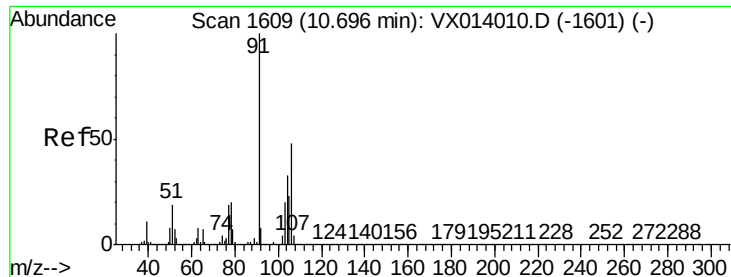
Tgt Ion: 91 Resp: 470637
Ion Ratio Lower Upper
91 100
106 30.7 25.0 37.6



#68
m/p-Xylenes
Concen: 39.044 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Tgt Ion: 106 Resp: 359743
Ion Ratio Lower Upper
106 100
91 200.8 158.6 238.0

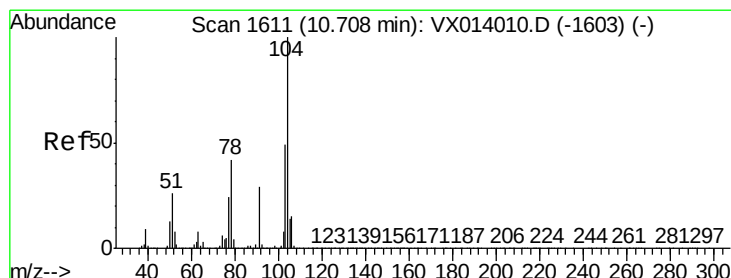
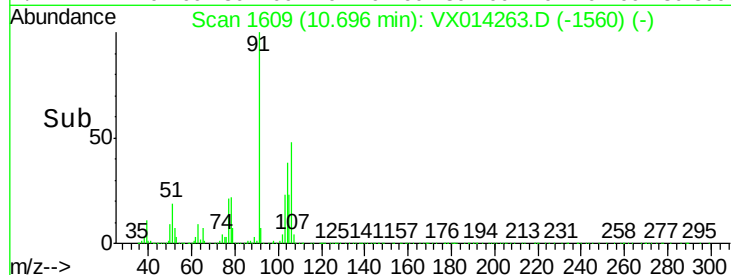
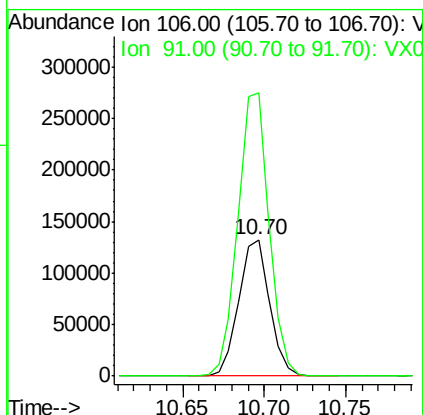
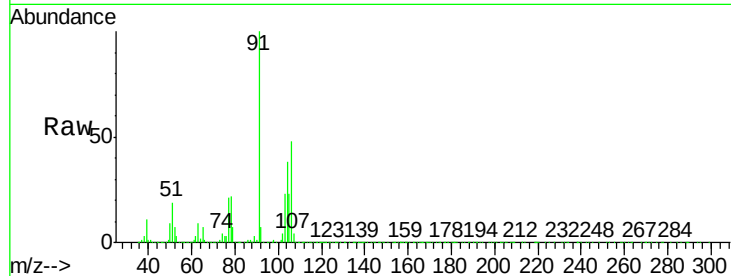




#69
o-Xylene
Concen: 19.365 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

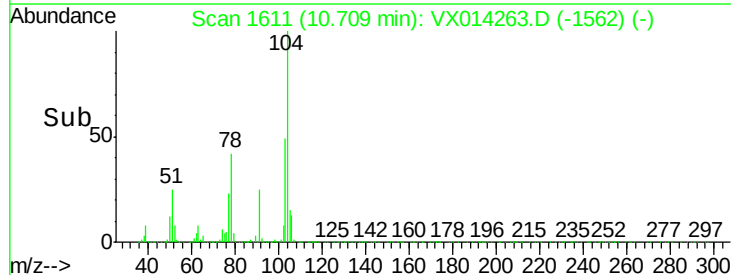
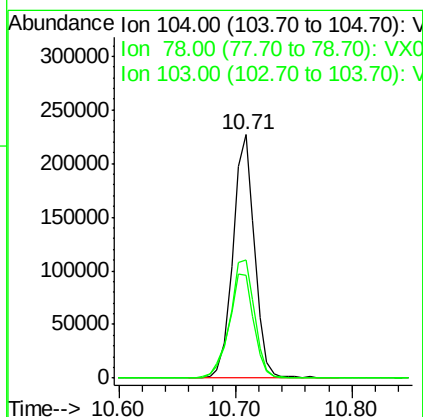
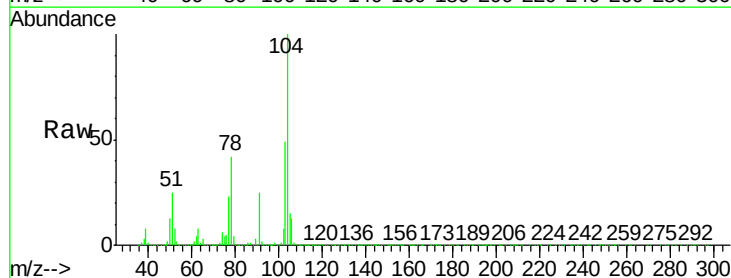
Instrument :
MSVOA_X
ClientSampleId :
VX1226MBS01

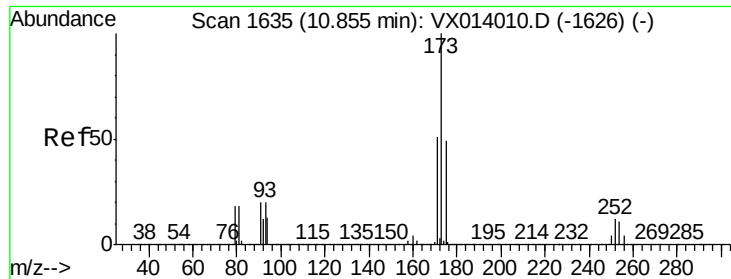
Tgt Ion:106 Resp: 174991
Ion Ratio Lower Upper
106 100
91 209.7 104.2 312.6



#70
Styrene
Concen: 19.109 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Tgt Ion:104 Resp: 291991
Ion Ratio Lower Upper
104 100
78 49.3 38.5 57.7
103 55.1 42.9 64.3





#71

Bromoform

Concen: 19.914 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBS01

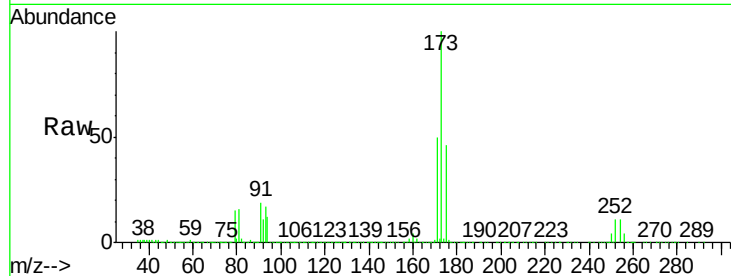
Tgt Ion:173 Resp: 79642

Ion Ratio Lower Upper

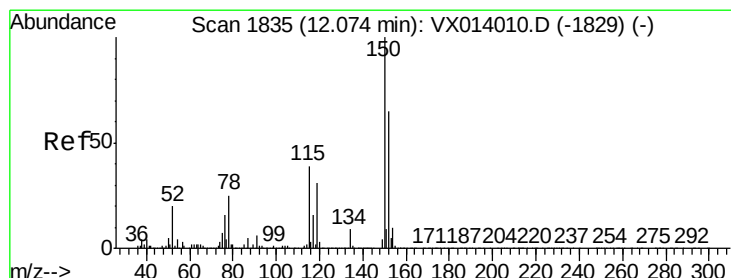
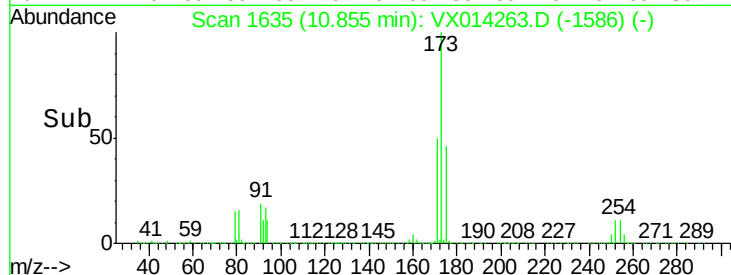
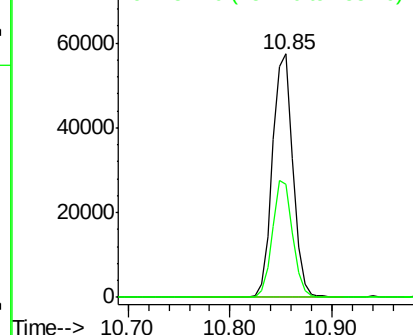
173 100

175 47.4 24.4 73.4

254 0.2 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: VX014263.D

Acq: 26 Dec 2019 12:51

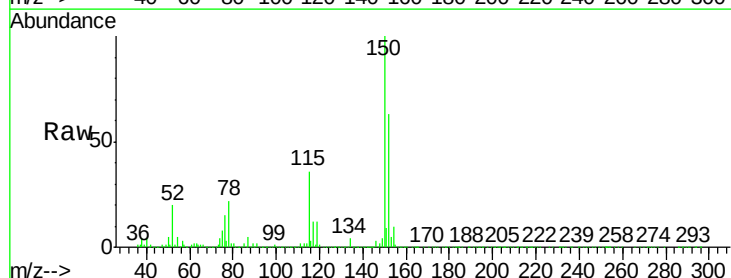
Tgt Ion:152 Resp: 319424

Ion Ratio Lower Upper

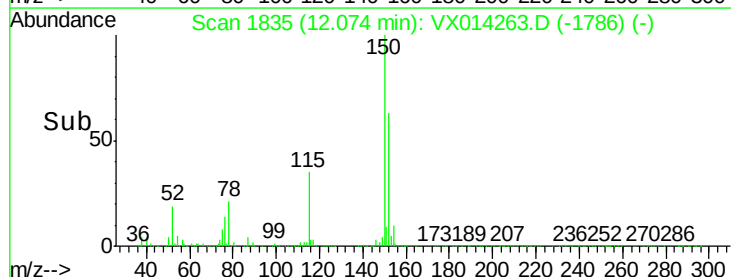
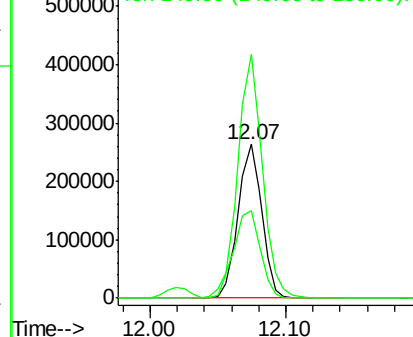
152 100

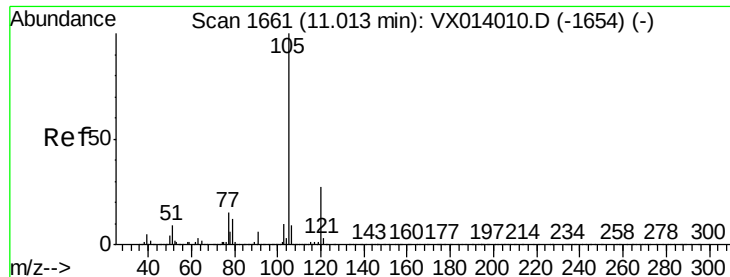
115 65.4 38.3 114.9

150 163.4 0.0 345.4



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

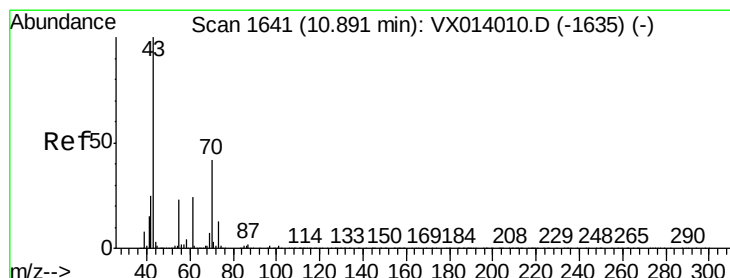
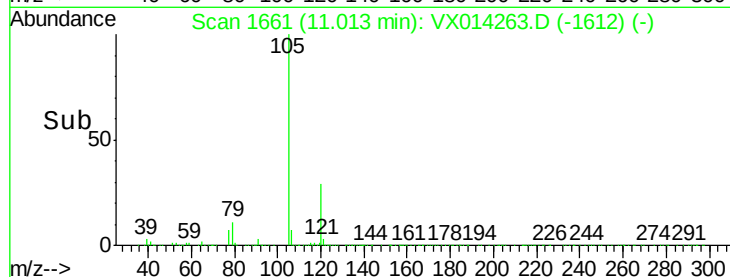
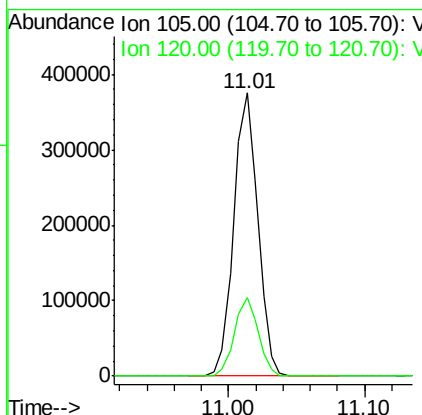
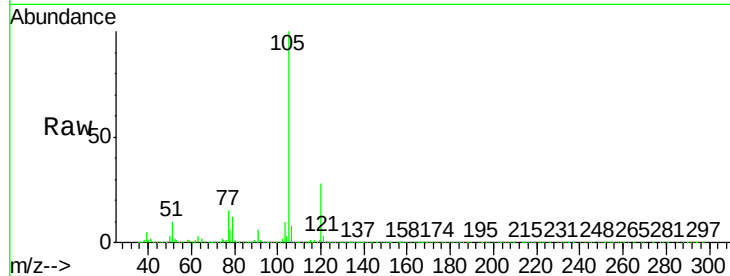




#73
Isopropylbenzene
Concen: 20.571 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

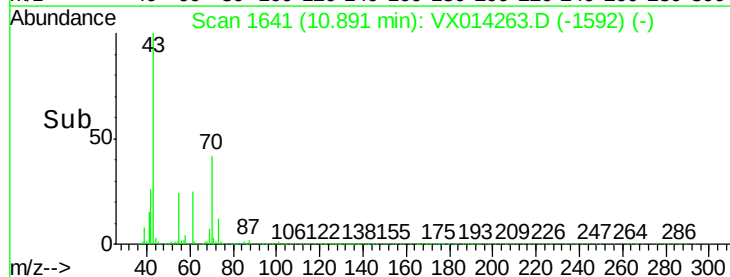
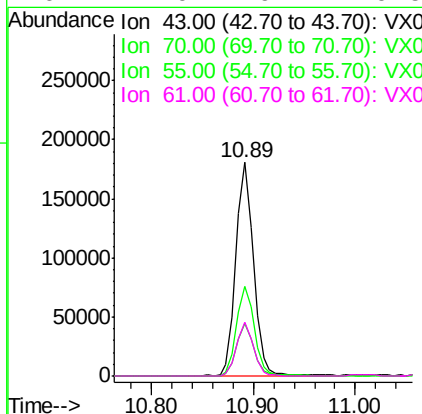
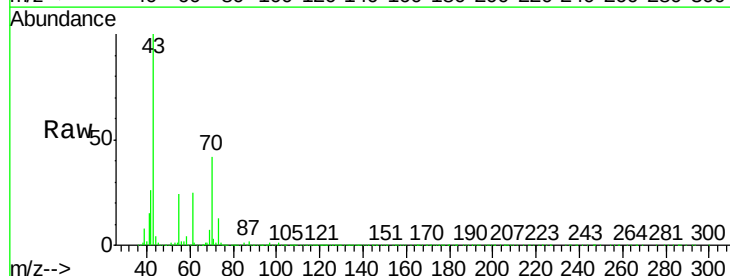
Instrument :
MSVOA_X
ClientSampleId :
VX1226MBS01

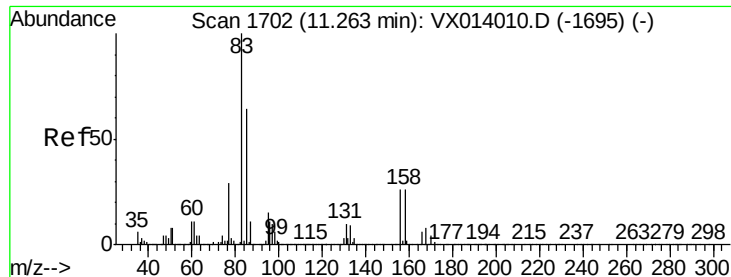
Tgt Ion: 105 Resp: 462639
Ion Ratio Lower Upper
105 100
120 27.3 13.5 40.4



#74
N-ethyl acetate
Concen: 20.271 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Tgt Ion: 43 Resp: 213696
Ion Ratio Lower Upper
43 100
70 42.7 34.4 51.6
55 24.0 19.1 28.7
61 24.0 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.494 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBS01

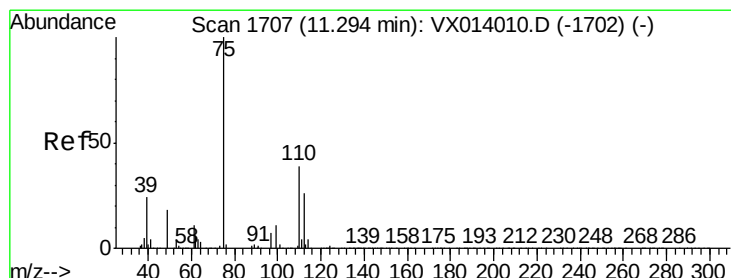
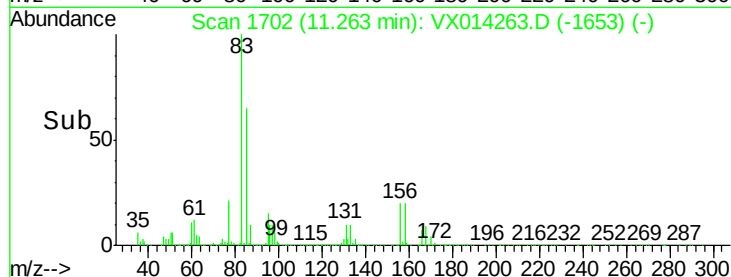
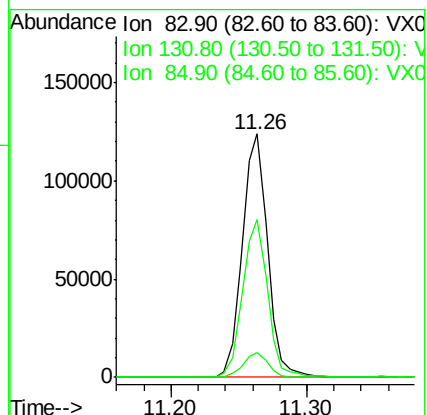
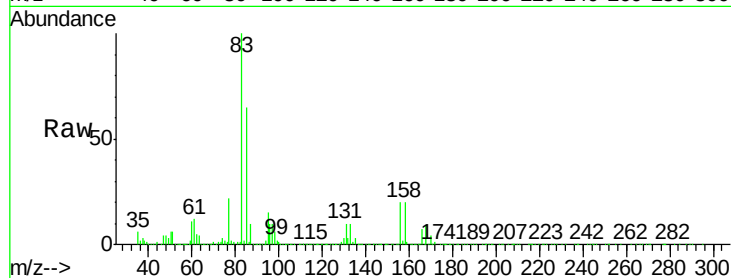
Tgt Ion: 83 Resp: 159796

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.2

85 64.9 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 25.799 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014263.D

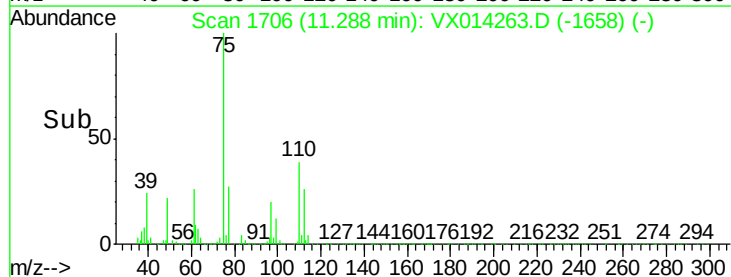
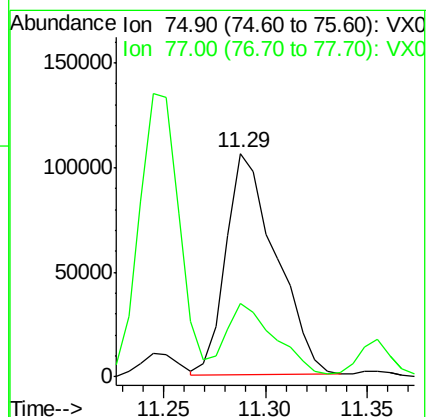
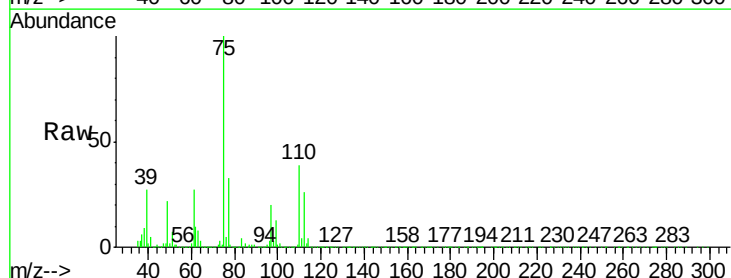
Acq: 26 Dec 2019 12:51

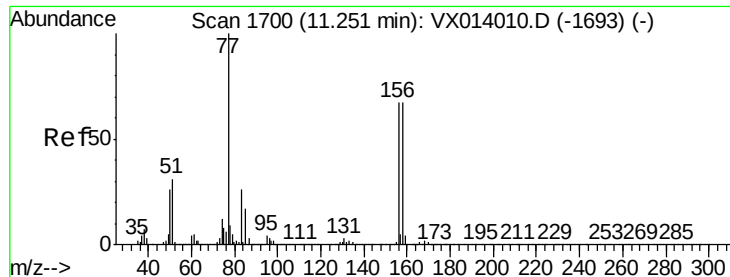
Tgt Ion: 75 Resp: 178906

Ion Ratio Lower Upper

75 100

77 33.2 19.3 57.8





#77

Bromobenzene

Concen: 19.792 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBS01

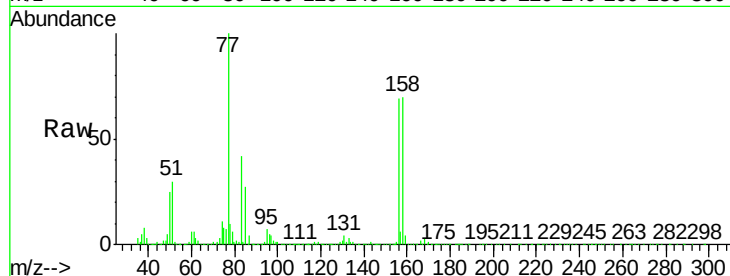
Tgt Ion: 156 Resp: 122470

Ion Ratio Lower Upper

156 100

77 149.1 76.5 229.5

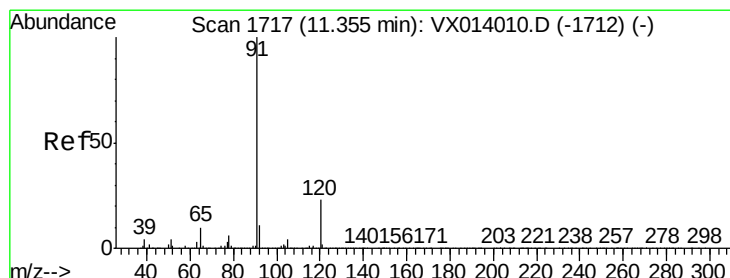
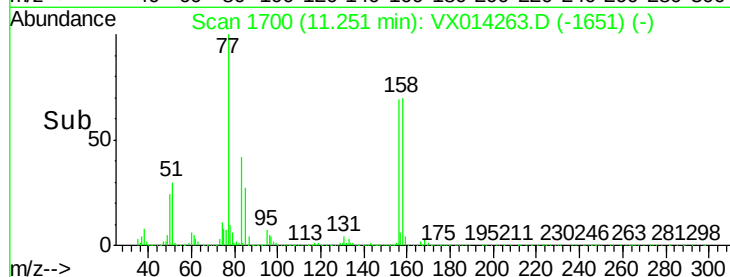
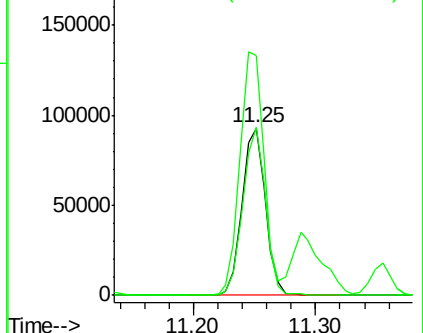
158 96.9 49.3 147.9



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: 20.659 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014263.D

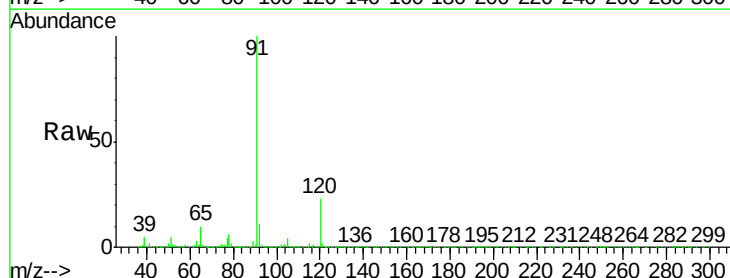
Acq: 26 Dec 2019 12:51

Tgt Ion: 91 Resp: 521162

Ion Ratio Lower Upper

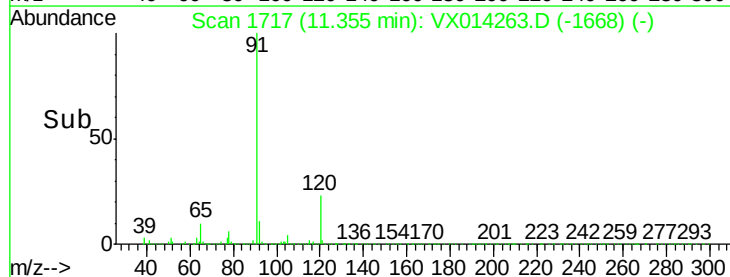
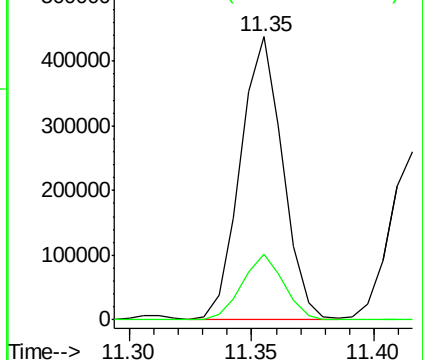
91 100

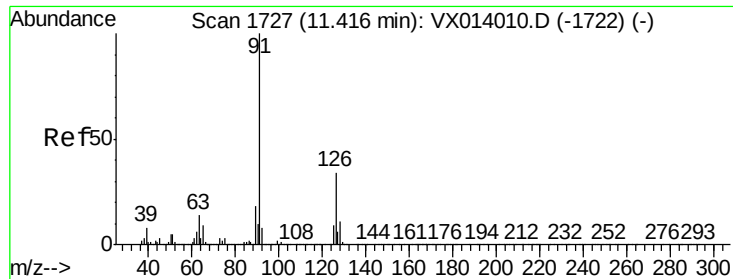
120 22.9 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.428 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

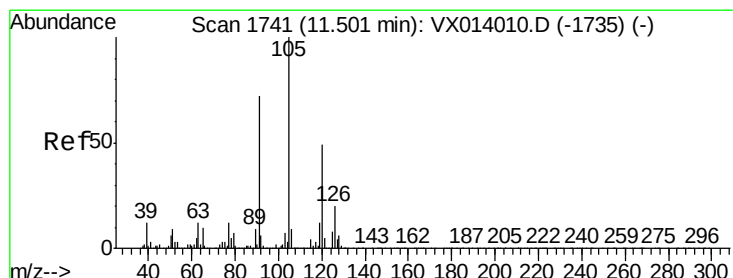
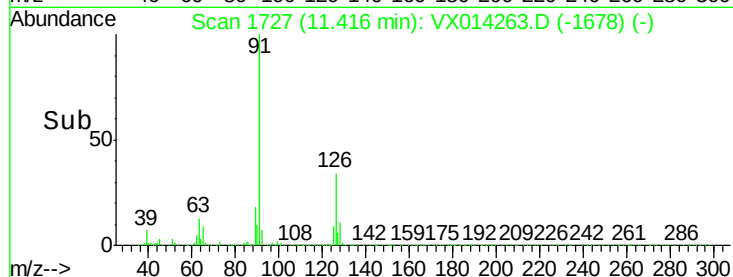
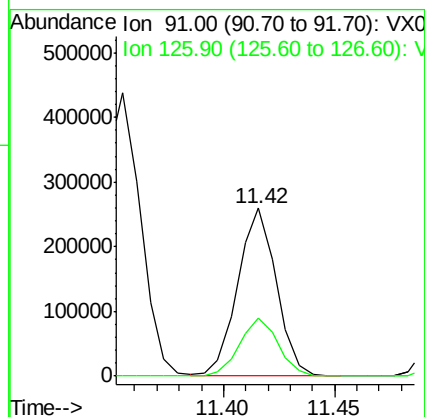
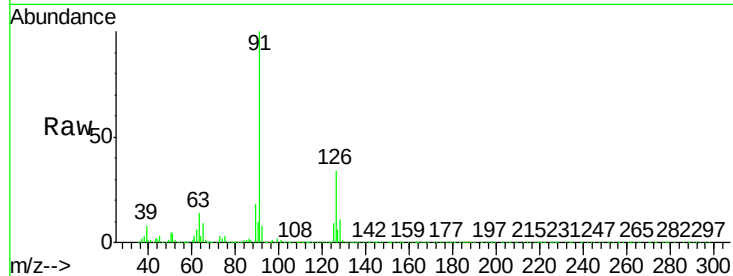
VX1226MBS01

Tgt Ion: 91 Resp: 313254

Ion Ratio Lower Upper

91 100

126 34.6 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 20.367 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014263.D

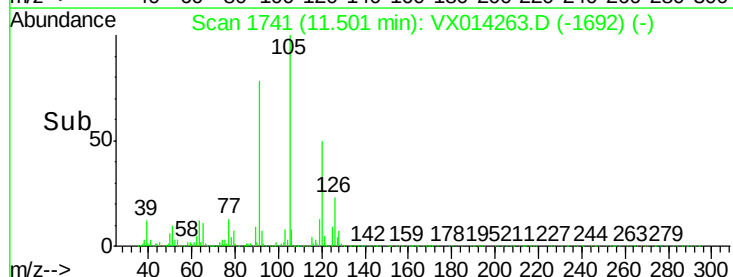
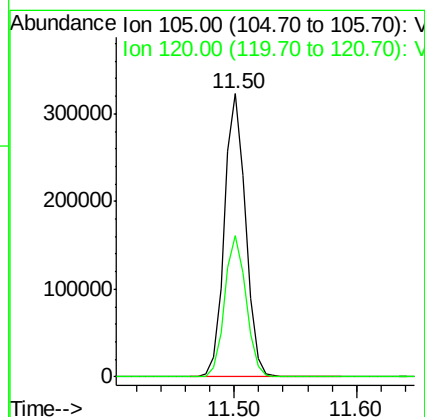
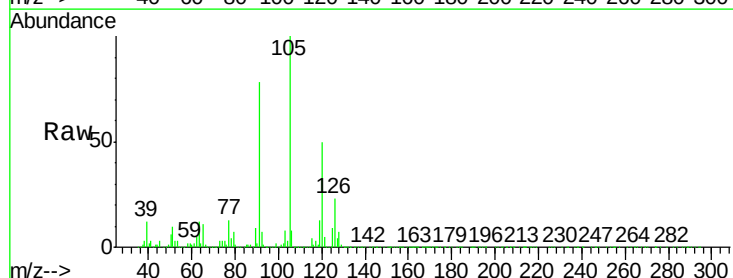
Acq: 26 Dec 2019 12:51

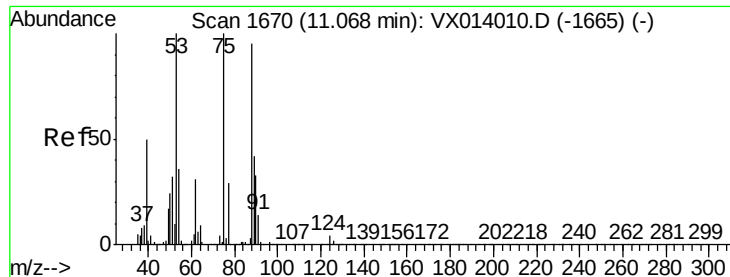
Tgt Ion: 105 Resp: 385492

Ion Ratio Lower Upper

105 100

120 50.3 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.829 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBS01

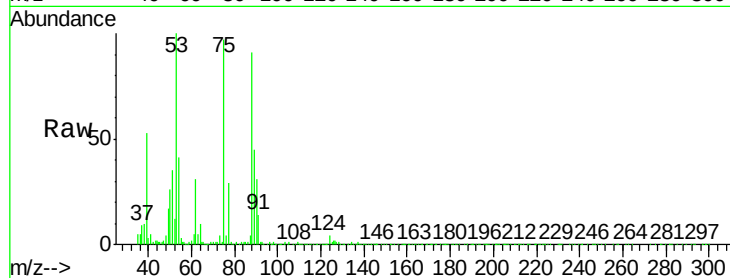
Tgt Ion: 75 Resp: 48718

Ion Ratio Lower Upper

75 100

53 103.4 76.7 115.1

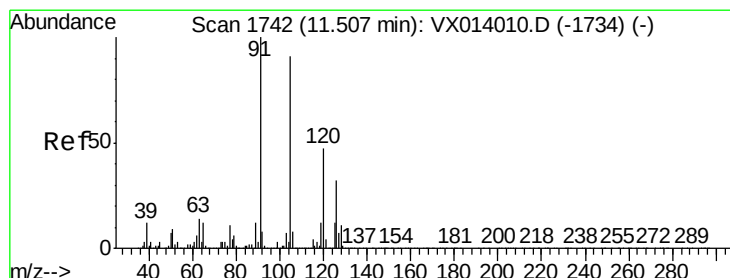
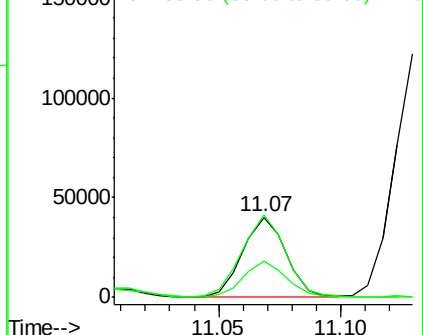
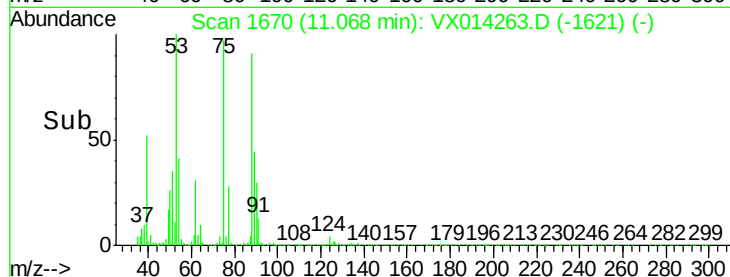
89 44.2 34.6 51.8



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: 20.020 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014263.D

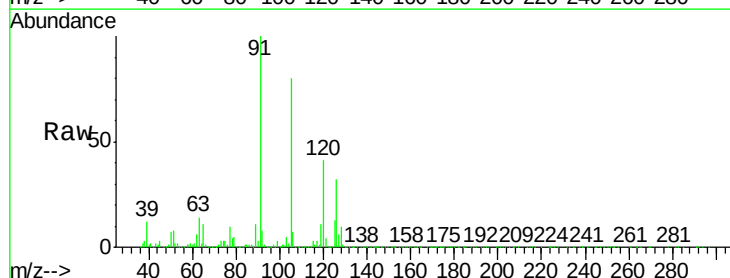
Acq: 26 Dec 2019 12:51

Tgt Ion: 91 Resp: 356112

Ion Ratio Lower Upper

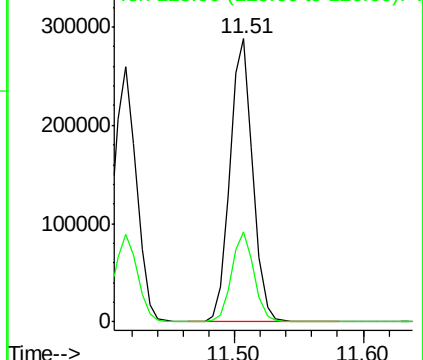
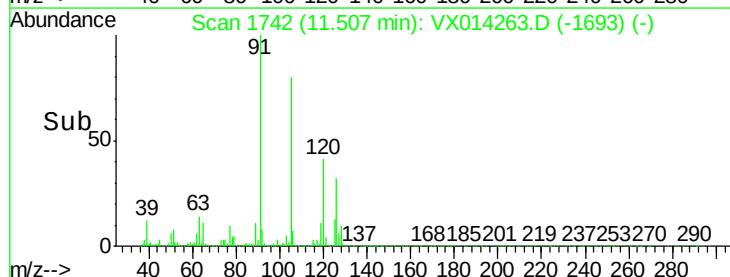
91 100

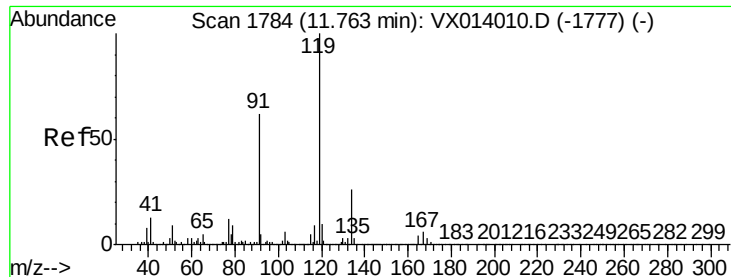
126 31.1 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

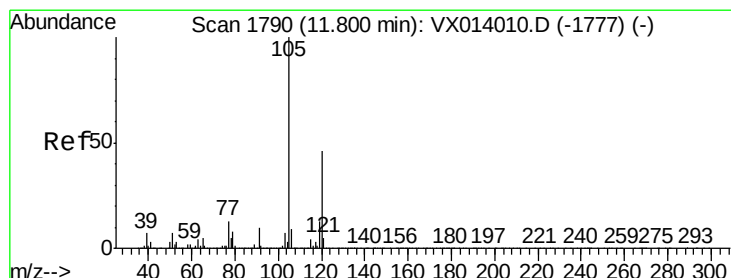
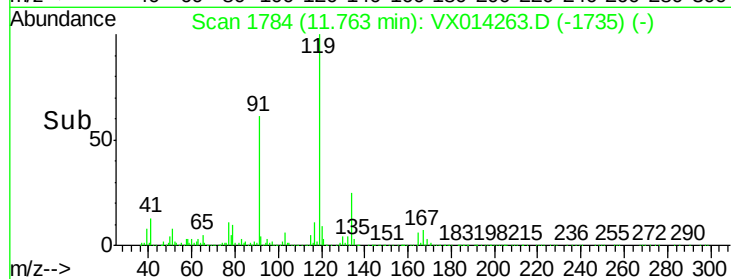
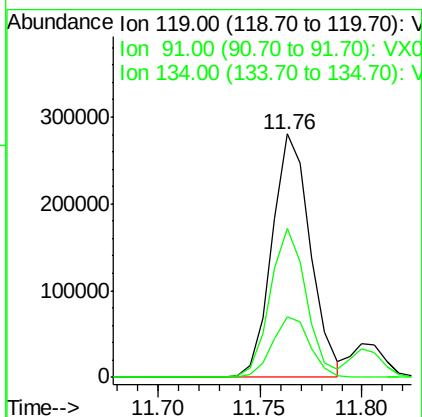
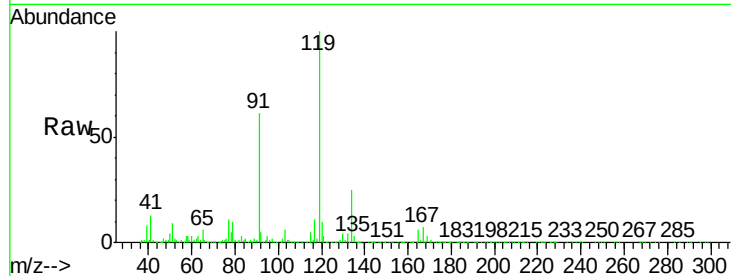




#83
 tert-Butylbenzene
 Concen: 19.924 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014263.D
 Acq: 26 Dec 2019 12:51

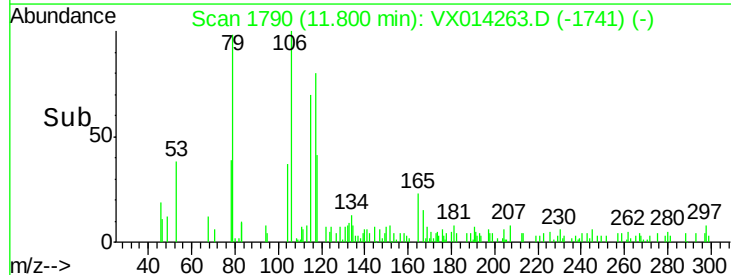
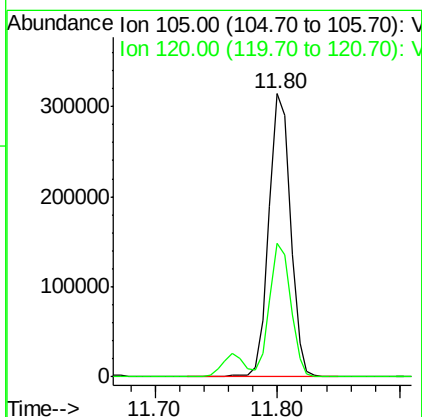
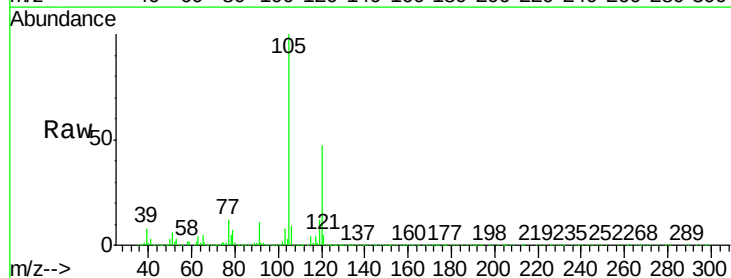
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226MBS01

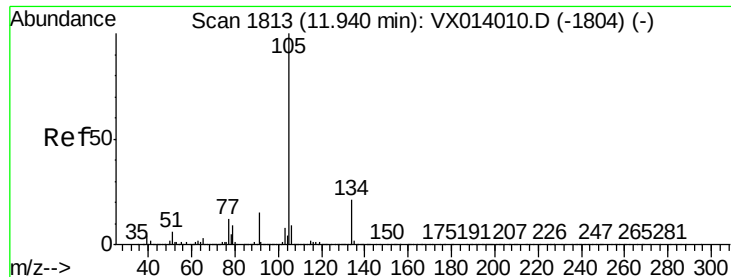
Tgt Ion:119 Resp: 366995
 Ion Ratio Lower Upper
 119 100
 91 57.8 28.5 85.6
 134 24.6 12.2 36.6



#84
 1,2,4-Trimethylbenzene
 Concen: 20.385 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX014263.D
 Acq: 26 Dec 2019 12:51

Tgt Ion:105 Resp: 386403
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.1 69.2





#85

sec-Butylbenzene

Concen: 20.567 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

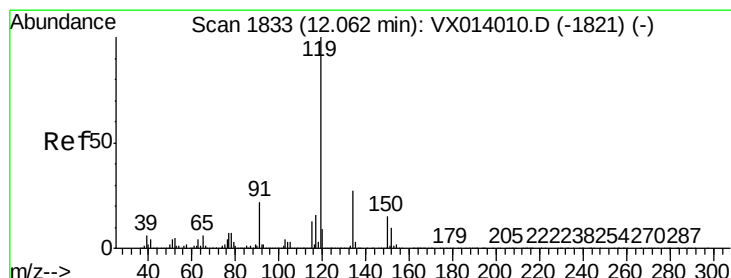
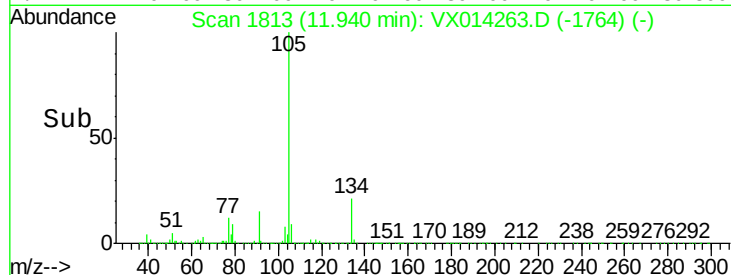
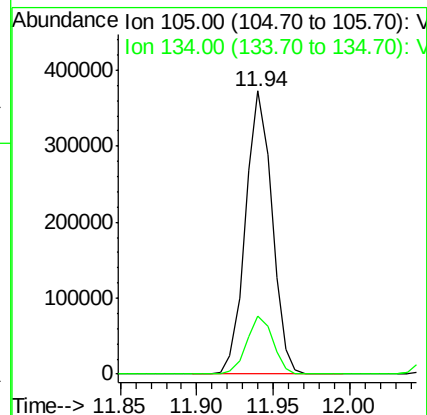
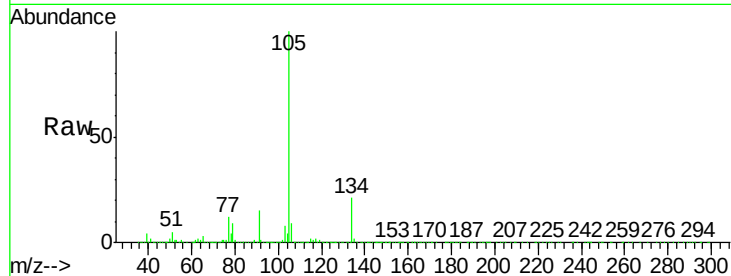
VX1226MBS01

Tgt Ion:105 Resp: 447217

Ion Ratio Lower Upper

105 100

134 20.5 10.4 31.1



#86

p-Isopropyltoluene

Concen: 20.460 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

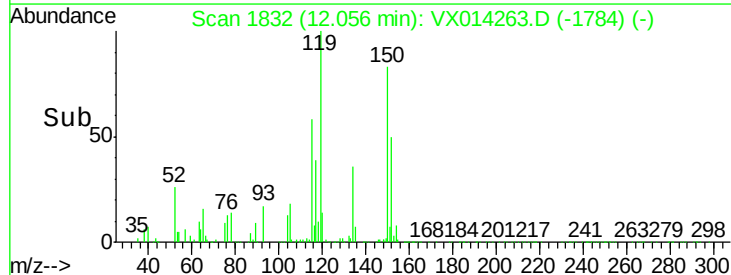
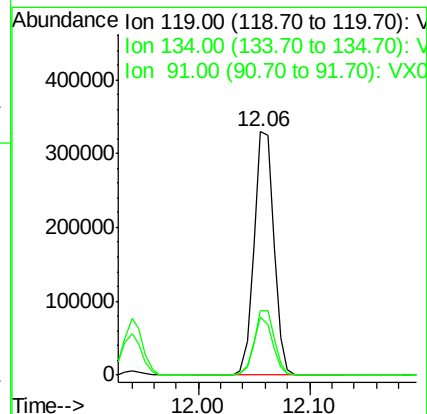
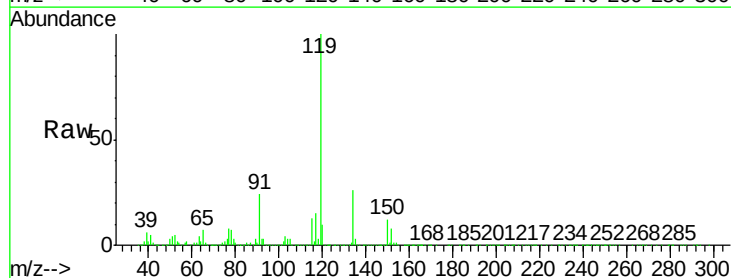
Tgt Ion:119 Resp: 406973

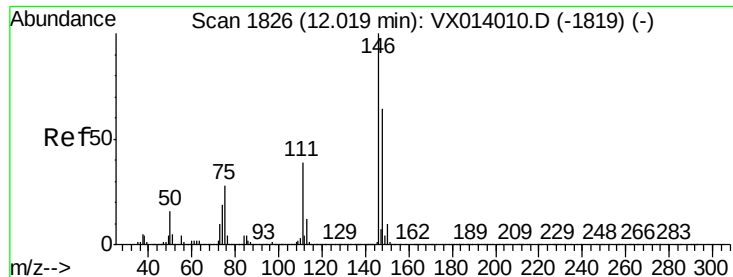
Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

91 22.7 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 19.827 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

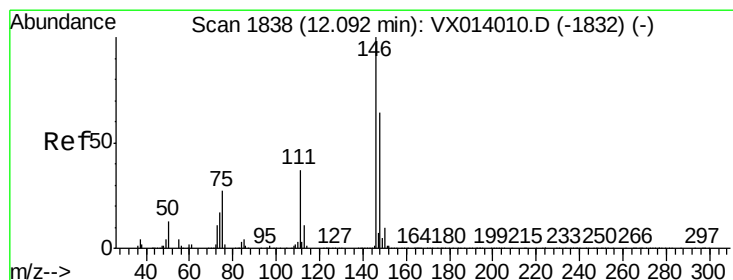
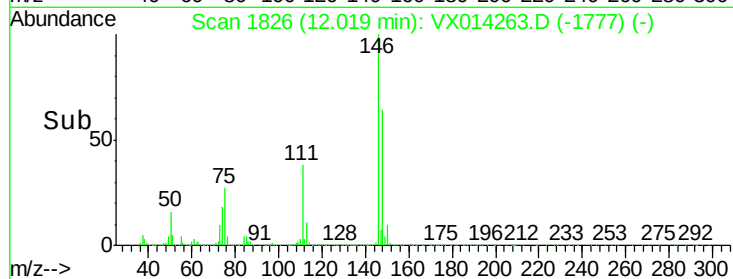
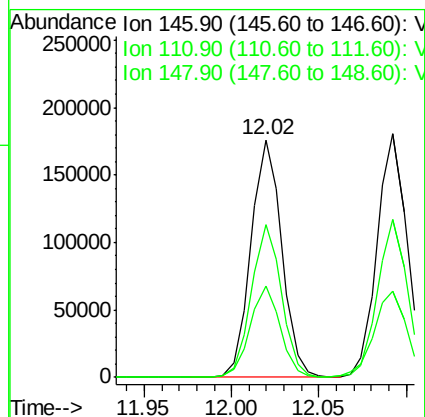
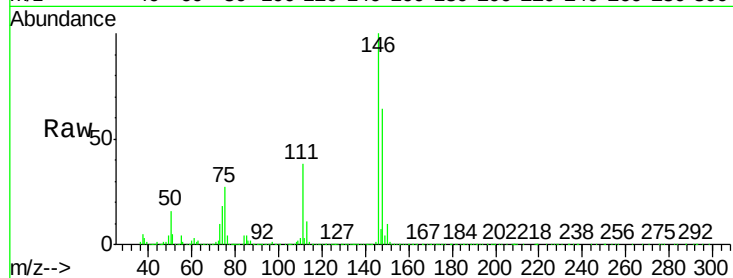
Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX1226MBS01

Tgt Ion:146 Resp: 215018

Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.1	57.1
148	63.1	32.3	96.9



#88

1,4-Dichlorobenzene

Concen: 19.412 ug/l

RT: 12.09 min Scan# 1838

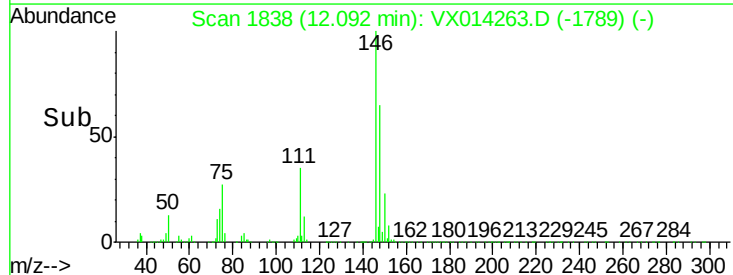
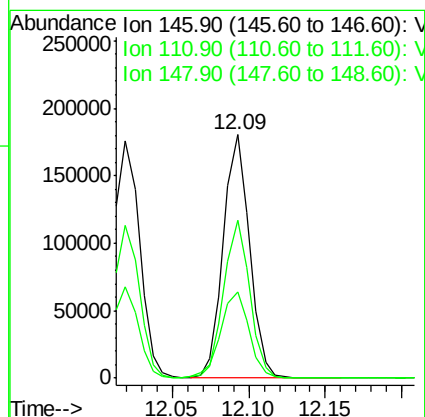
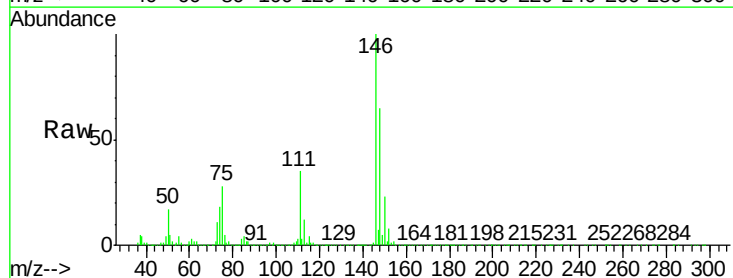
Delta R.T. 0.00 min

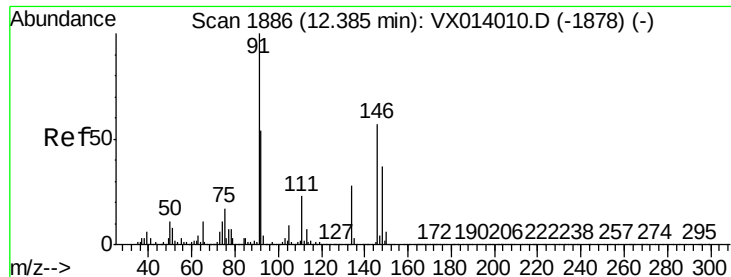
Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Tgt Ion:146 Resp: 214058

Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.7	56.1
148	64.6	31.9	95.9

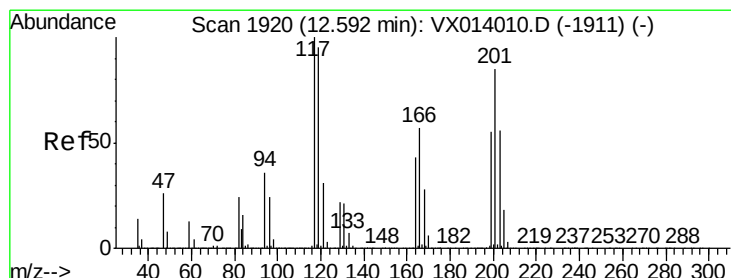
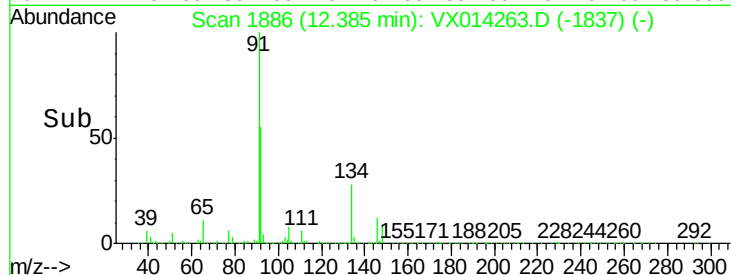
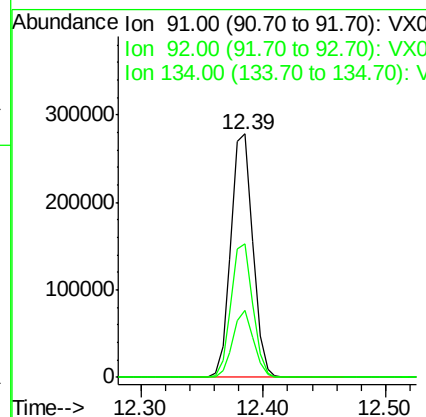
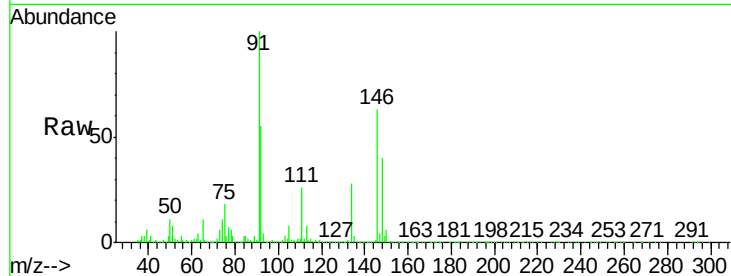




#89
n-Butylbenzene
Concen: 20.261 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

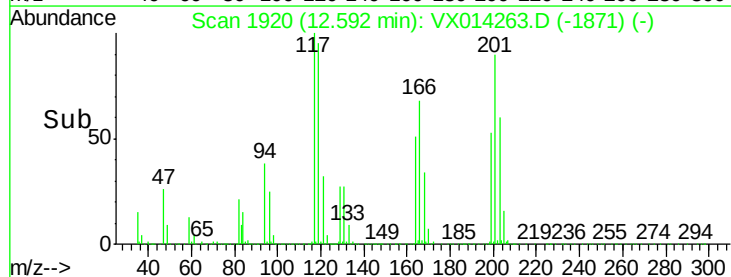
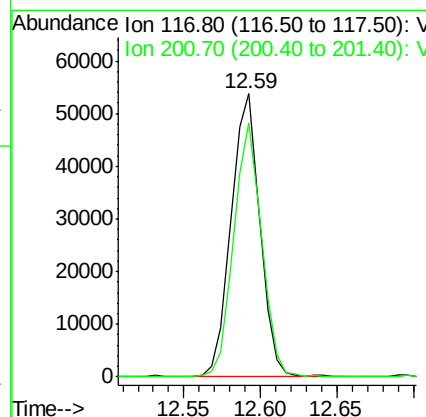
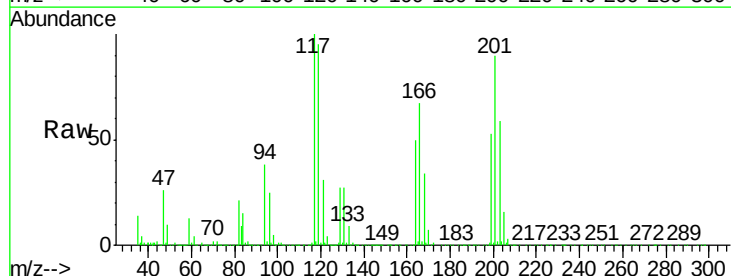
Instrument :
MSVOA_X
ClientSampleId :
VX1226MBS01

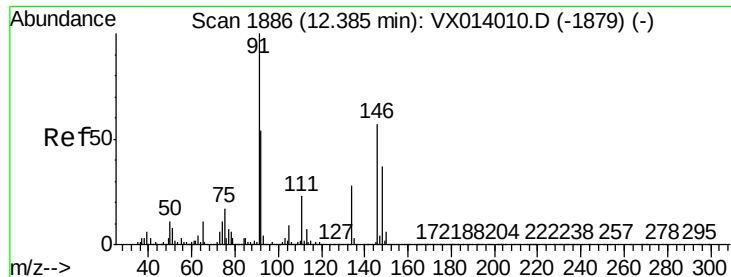
Tgt Ion: 91 Resp: 343873
Ion Ratio Lower Upper
91 100
92 54.4 27.2 81.6
134 26.0 13.4 40.1



#90
Hexachloroethane
Concen: 19.771 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Tgt Ion: 117 Resp: 70637
Ion Ratio Lower Upper
117 100
201 86.6 43.1 129.3

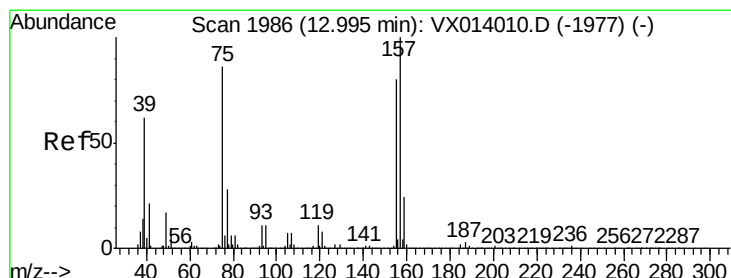
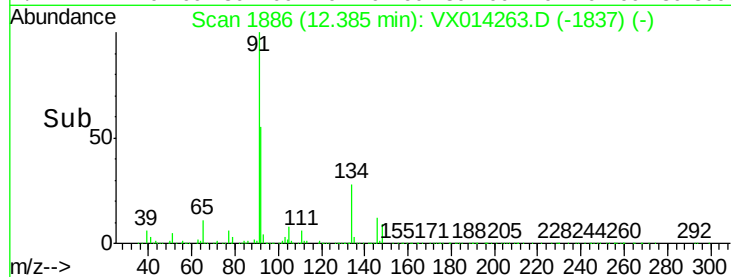
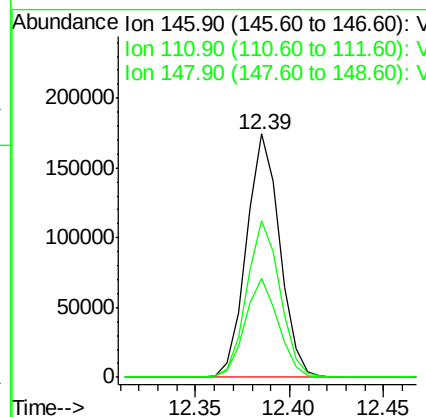
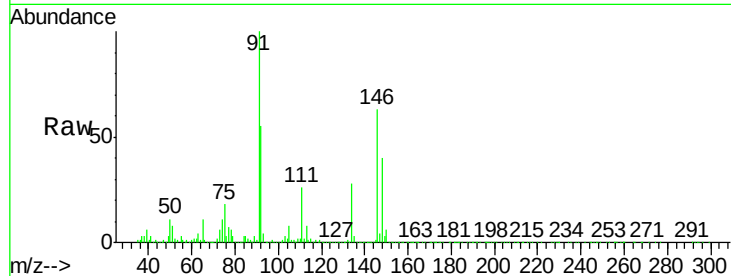




#91
 1,2-Dichlorobenzene
 Concen: 19.564 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014263.D
 Acq: 26 Dec 2019 12:51

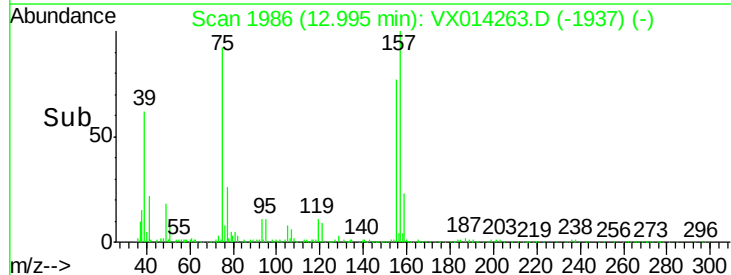
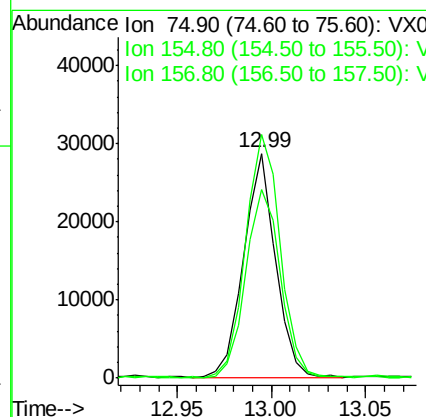
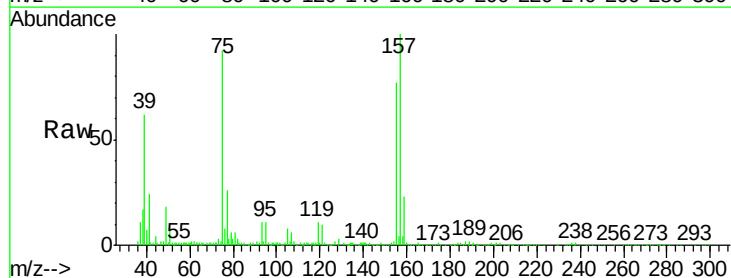
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226MBS01

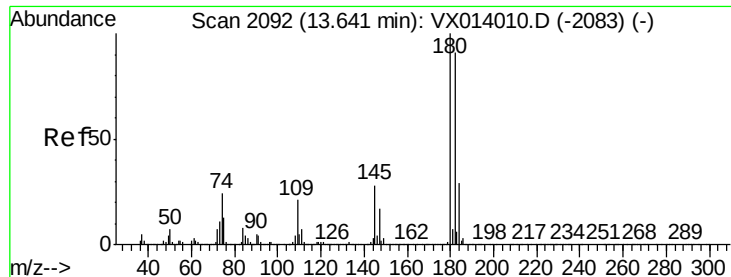
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	19.7	59.1
148	64.5	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.450 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014263.D
 Acq: 26 Dec 2019 12:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.0	46.9	140.6
157	119.0	60.8	182.4





#93

1,2,4-Trichlorobenzene

Concen: 19.656 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBS01

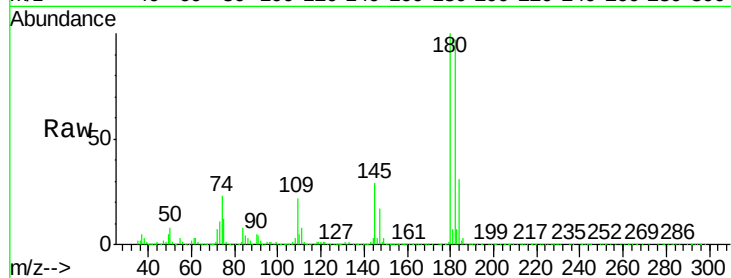
Tgt Ion:180 Resp: 139471

Ion Ratio Lower Upper

180 100

182 94.2 46.6 139.8

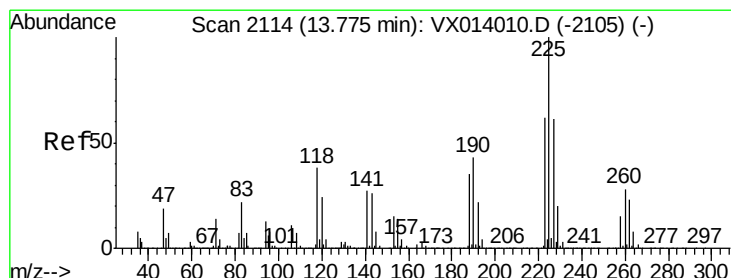
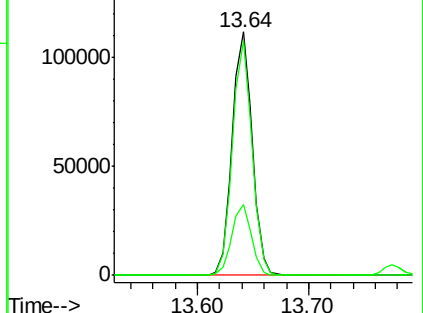
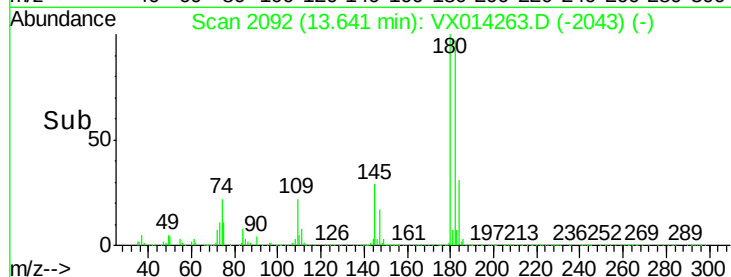
145 29.1 14.2 42.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 20.185 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

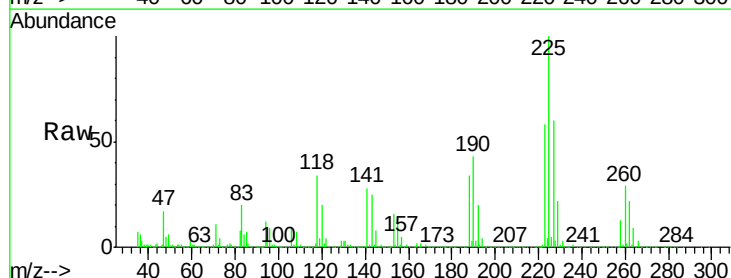
Tgt Ion:225 Resp: 68835

Ion Ratio Lower Upper

225 100

223 59.5 30.9 92.5

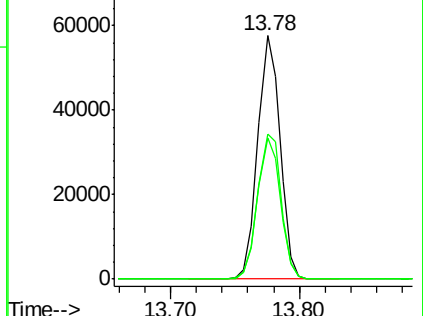
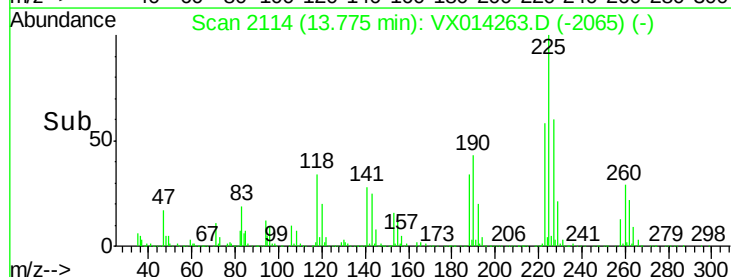
227 62.7 30.9 92.7

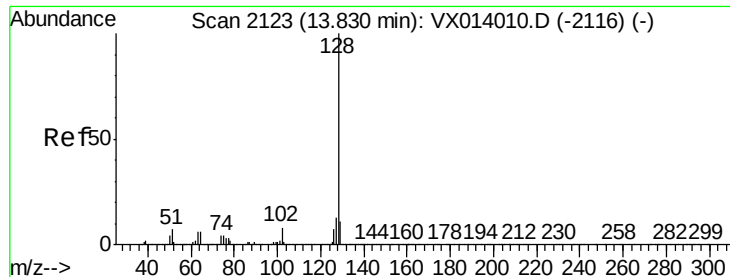


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

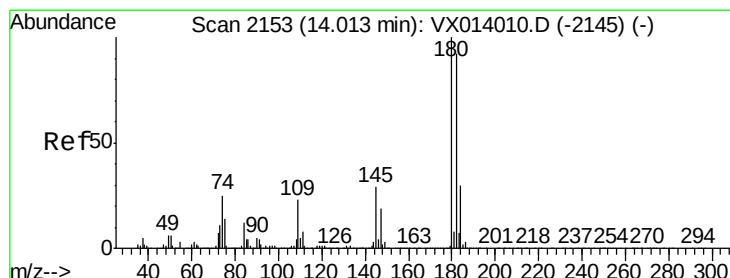
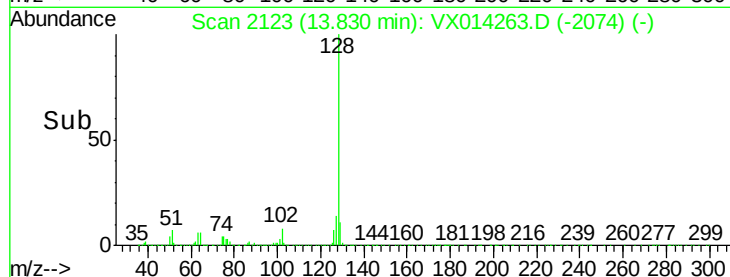
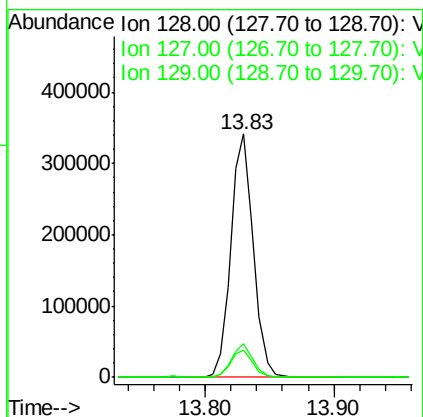
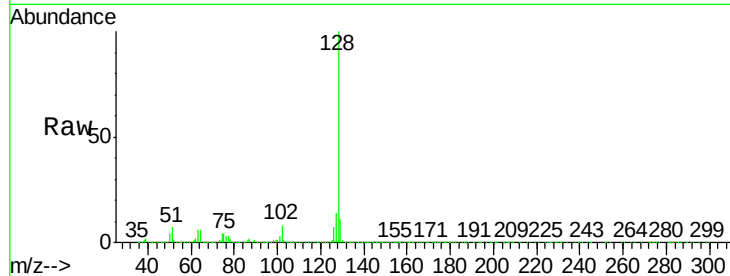




#95
Naphthalene
Concen: 19.923 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX1226MBS01

Tgt Ion:128 Resp: 415342
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.960 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Tgt Ion:180 Resp: 139807
Ion Ratio Lower Upper
180 100
182 94.6 46.8 140.3
145 30.1 14.8 44.4

