

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122719\
 Data File : VX014332.D
 Acq On : 28 Dec 2019 01:27
 Operator : JC/SP
 Sample : VX1227WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1227WBS02

Quant Time: Dec 30 05:43:20 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	466298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	742425	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	668656	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	320350	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	271685	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
35) Dibromofluoromethane	5.49	113	219400	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
50) Toluene-d8	8.71	98	858363	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
62) 4-Bromofluorobenzene	11.13	95	303395	47.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.48%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	69060	16.555	ug/l 98
3) Chloromethane	1.32	50	101420	18.116	ug/l 99
4) Vinyl Chloride	1.40	62	106622	18.049	ug/l 100
5) Bromomethane	1.63	94	67217	16.032	ug/l 99
6) Chloroethane	1.72	64	72305	19.832	ug/l 95
7) Trichlorofluoromethane	1.92	101	134939	18.453	ug/l 99
8) Diethyl Ether	2.18	74	64335	18.746	ug/l 90
9) 1,1,2-Trichlorotrifluoroet	2.37	101	80989	18.373	ug/l 98
10) Methyl Iodide	2.50	142	87290	16.849	ug/l 98
11) Tert butyl alcohol	3.03	59	109350	95.759	ug/l 99
12) 1,1-Dichloroethene	2.37	96	85527	19.068	ug/l 94
13) Acrolein	2.28	56	52192	79.843	ug/l 97
14) Allyl chloride	2.72	41	152657	19.061	ug/l 98
15) Acrylonitrile	3.13	53	278862	104.625	ug/l 100
16) Acetone	2.43	43	309771	90.286	ug/l 97
17) Carbon Disulfide	2.56	76	201987	16.727	ug/l 99
18) Methyl Acetate	2.76	43	148428	21.832	ug/l 98
19) Methyl tert-butyl Ether	3.19	73	291316	19.764	ug/l 96
20) Methylene Chloride	2.85	84	104640	19.367	ug/l 99
21) trans-1,2-Dichloroethene	3.15	96	90920	18.399	ug/l 94
22) Diisopropyl ether	3.84	45	324595	20.339	ug/l 92
23) Vinyl Acetate	3.81	43	735128	56.445	ug/l 99
24) 1,1-Dichloroethane	3.69	63	174016	19.598	ug/l 99
25) 2-Butanone	4.66	43	416500	98.463	ug/l 98
26) 2,2-Dichloropropane	4.58	77	102834	14.917	ug/l 96
27) cis-1,2-Dichloroethene	4.58	96	109067	19.516	ug/l 96
28) Bromochloromethane	5.01	49	78537	23.244	ug/l 100
29) Tetrahydrofuran	5.11	42	251991	106.507	ug/l 99
30) Chloroform	5.20	83	167890	19.946	ug/l 98
31) Cyclohexane	5.58	56	141784	17.954	ug/l 95
32) 1,1,1-Trichloroethane	5.48	97	136643	19.048	ug/l 98
36) 1,1-Dichloropropene	5.79	75	119719	17.574	ug/l 100
37) Ethyl Acetate	4.82	43	146829	19.518	ug/l 99
38) Carbon Tetrachloride	5.78	117	113164	18.235	ug/l 97

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 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	139037	16.530	ug/l	99
40) Benzene	6.14	78	389806	18.597	ug/l	100
41) Methacrylonitrile	5.03	41	81149	19.442	ug/l	98
42) 1,2-Dichloroethane	6.18	62	135040	19.006	ug/l	100
43) Isopropyl Acetate	6.43	43	242444	19.474	ug/l	99
44) Trichloroethene	7.20	130	114121	19.712	ug/l	97
45) 1,2-Dichloropropane	7.51	63	104158	19.388	ug/l	92
46) Dibromomethane	7.65	93	65993	18.580	ug/l	99
47) Bromodichloromethane	7.89	83	125425	18.750	ug/l	99
48) Methyl methacrylate	7.76	41	115784	18.993	ug/l	99
49) 1,4-Dioxane	7.73	88	48152	388.140	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	773764	98.966	ug/l	100
52) Toluene	8.78	92	239884	18.107	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	128361	17.500	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	148234	18.140	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	102547	19.313	ug/l	98
56) Ethyl methacrylate	9.17	69	157302	18.859	ug/l	100
57) 1,3-Dichloropropane	9.37	76	172491	19.308	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	309260	97.977	ug/l	100
59) 2-Hexanone	9.48	43	606424	96.351	ug/l	99
60) Dibromochloromethane	9.57	129	96544	18.292	ug/l	99
61) 1,2-Dibromoethane	9.67	107	104401	19.217	ug/l	100
64) Tetrachloroethene	9.33	164	151033	25.526	ug/l	96
65) Chlorobenzene	10.14	112	261216	18.373	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	96092	18.929	ug/l	98
67) Ethyl Benzene	10.25	91	450898	18.447	ug/l	100
68) m/p-Xylenes	10.35	106	343012	36.487	ug/l	99
69) o-Xylene	10.70	106	166668	18.077	ug/l	99
70) Styrene	10.71	104	277365	17.790	ug/l	99
71) Bromoform	10.85	173	72499	17.767	ug/l #	99
73) Isopropylbenzene	11.01	105	447234	19.829	ug/l	99
74) N-amyl acetate	10.89	43	199344	18.855	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	132231	16.910	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	167999	24.156	ug/l	87
77) Bromobenzene	11.25	156	116954	18.846	ug/l	98
78) n-propylbenzene	11.35	91	487958	19.287	ug/l	99
79) 2-Chlorotoluene	11.42	91	296291	19.266	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	362173	19.079	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	41200	16.721	ug/l	94
82) 4-Chlorotoluene	11.51	91	336073	18.839	ug/l	99
83) tert-Butylbenzene	11.76	119	306844	16.610	ug/l	91
84) 1,2,4-Trimethylbenzene	11.80	105	361821	19.033	ug/l	100
85) sec-Butylbenzene	11.94	105	413285	18.951	ug/l	100
86) p-Isopropyltoluene	12.06	119	376540	18.876	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	198859	18.284	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	198156	17.918	ug/l	99
89) n-Butylbenzene	12.39	91	307699	18.077	ug/l	99
90) Hexachloroethane	12.59	117	62439	17.426	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	202425	18.489	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32294	18.662	ug/l	95

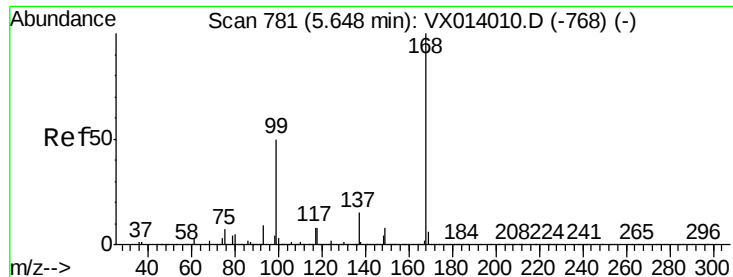
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122719\
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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	125549	17.643	ug/l	99
94) Hexachlorobutadiene	13.78	225	60122	17.579	ug/l	99
95) Naphthalene	13.83	128	387598	18.539	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	127751	18.186	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Instrument :

MSVOA_X

ClientSampleId :

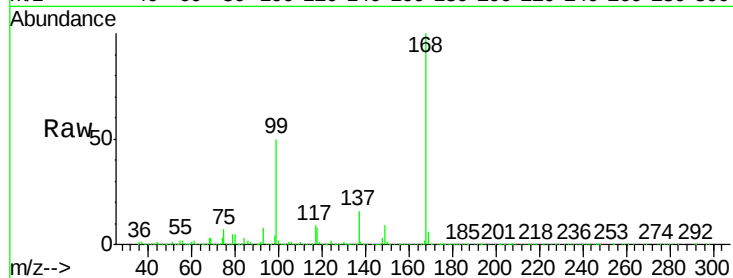
VX1227WBS02

Tgt Ion:168 Resp: 466298

Ion Ratio Lower Upper

168 100

99 50.1 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

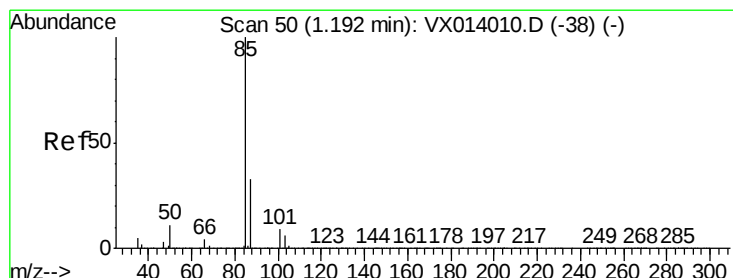
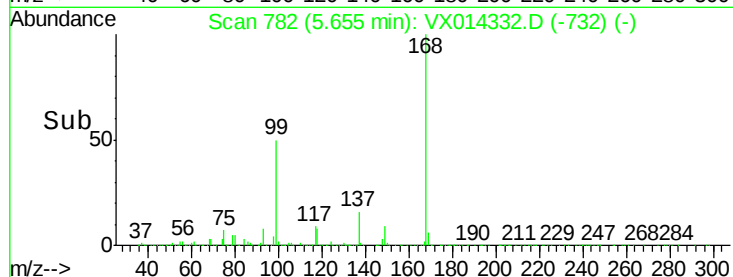
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 16.555 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014332.D

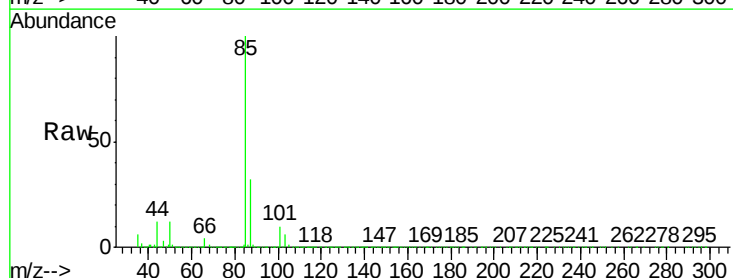
Acq: 28 Dec 2019 01:27

Tgt Ion: 85 Resp: 69060

Ion Ratio Lower Upper

85 100

87 31.8 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

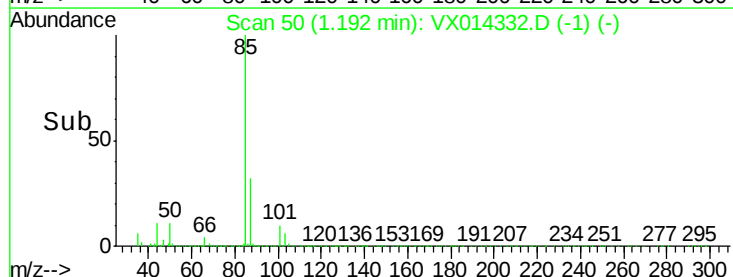
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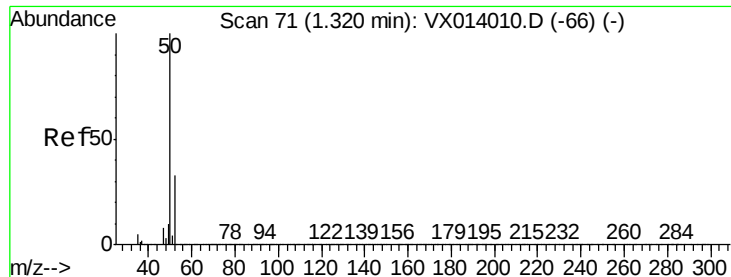
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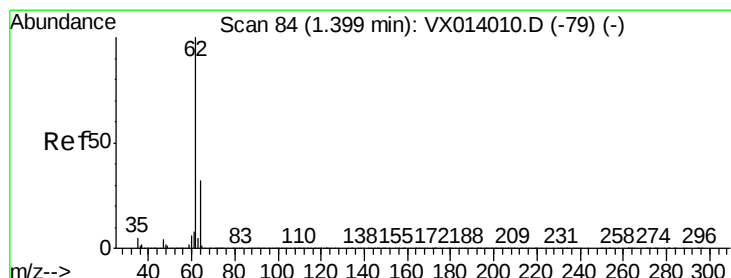
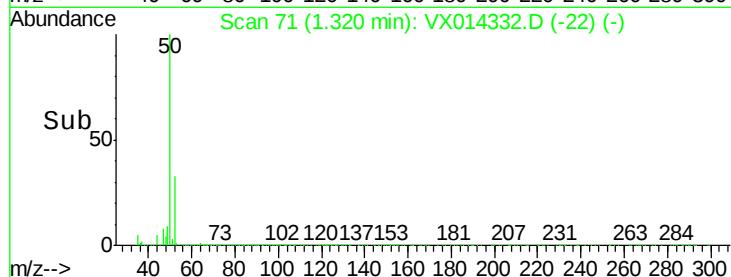
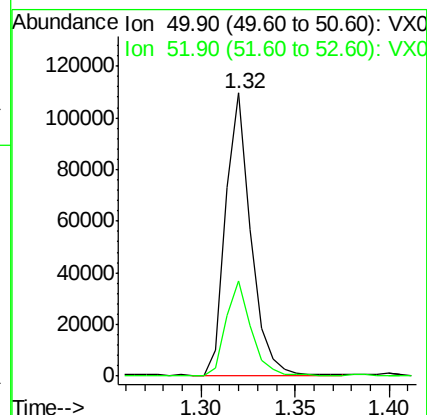
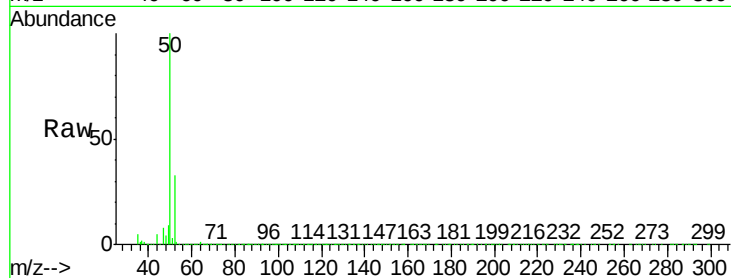




#3
Chloromethane
Concen: 18.116 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

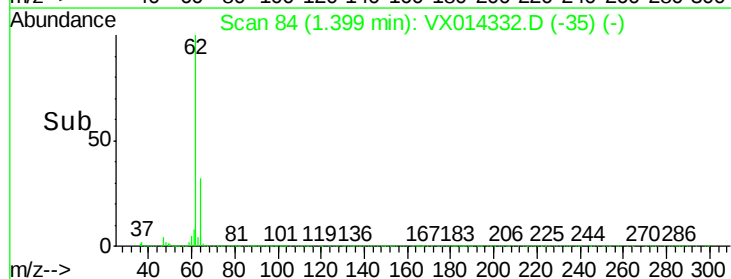
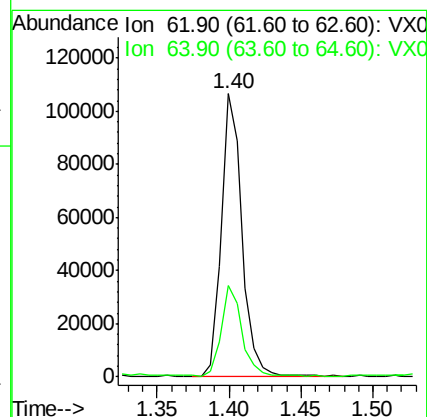
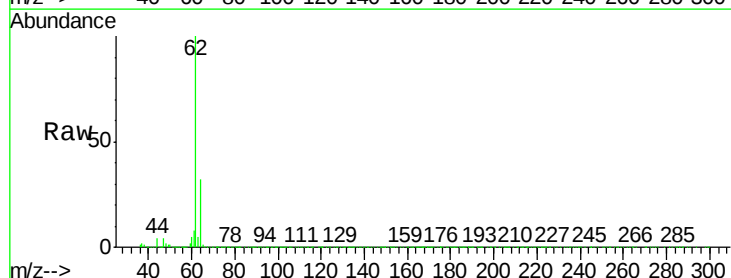
Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS02

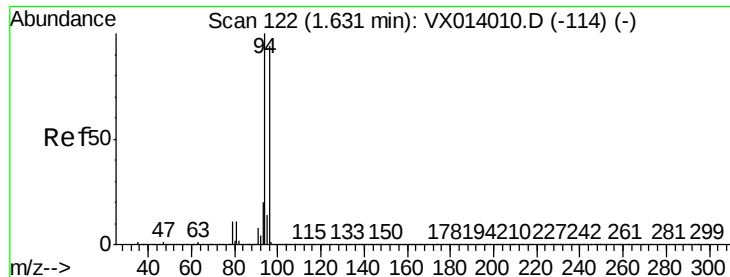
Tgt Ion: 50 Resp: 101420
Ion Ratio Lower Upper
50 100
52 33.2 26.2 39.4



#4
Vinyl Chloride
Concen: 18.049 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Tgt Ion: 62 Resp: 106622
Ion Ratio Lower Upper
62 100
64 31.9 25.7 38.5





#5

Bromomethane

Concen: 16.032 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Instrument :

MSVOA_X

ClientSampleId :

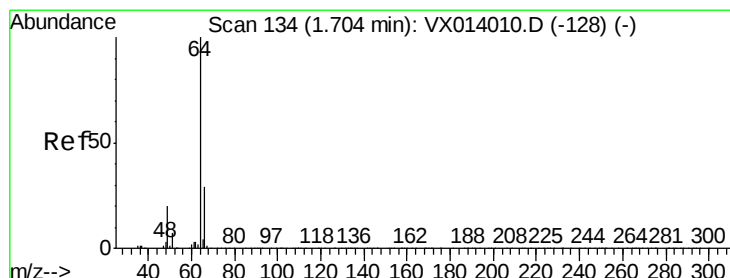
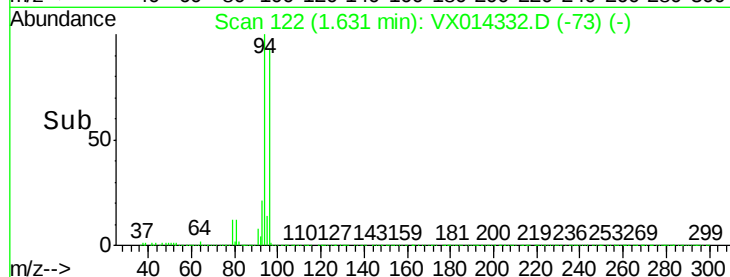
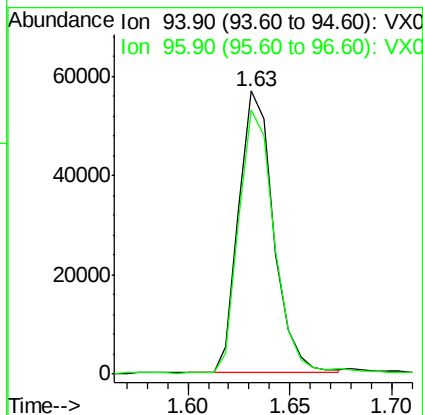
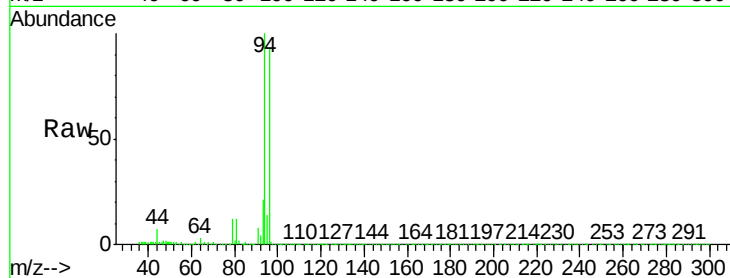
VX1227WBS02

Tgt Ion: 94 Resp: 67217

Ion Ratio Lower Upper

94 100

96 92.9 75.2 112.8



#6

Chloroethane

Concen: 19.832 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014332.D

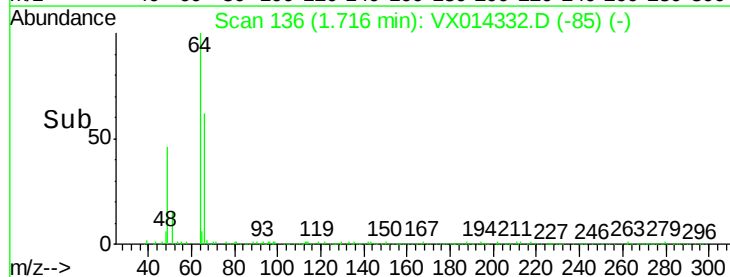
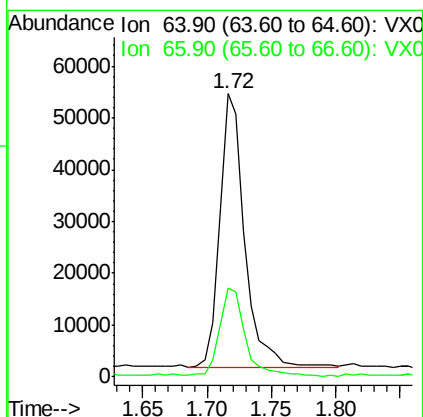
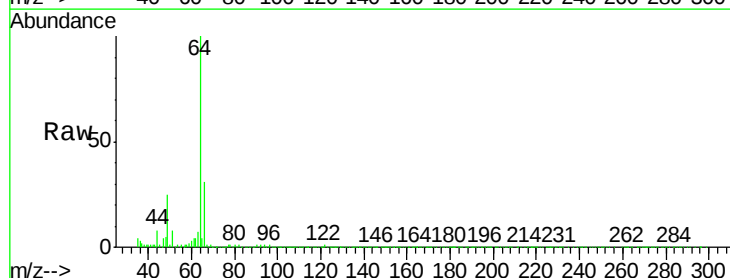
Acq: 28 Dec 2019 01:27

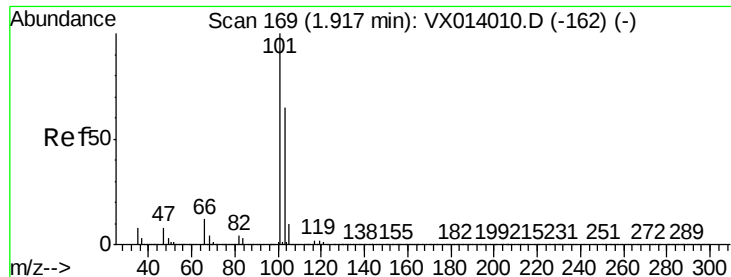
Tgt Ion: 64 Resp: 72305

Ion Ratio Lower Upper

64 100

66 31.9 23.4 35.2



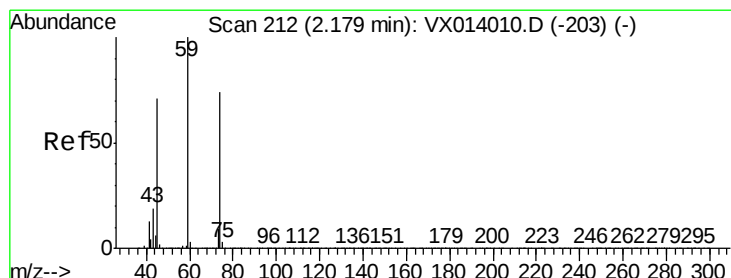
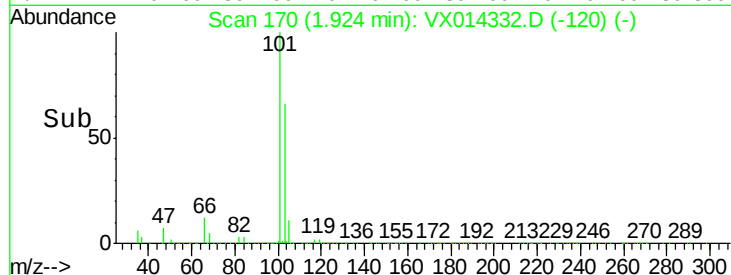
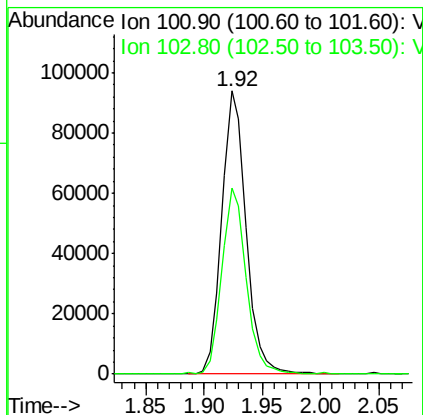
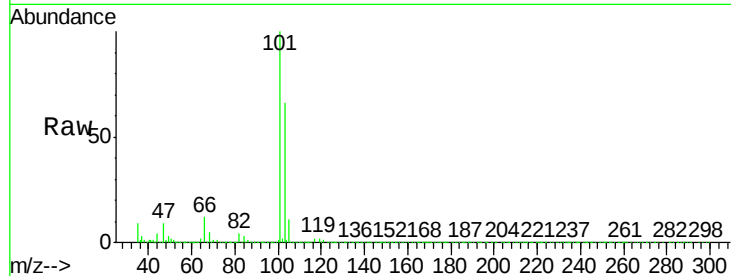


#7

Trichlorofluoromethane
Concen: 18.453 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014332.D
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Instrument :
MSVOA_X
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VX1227WBS02

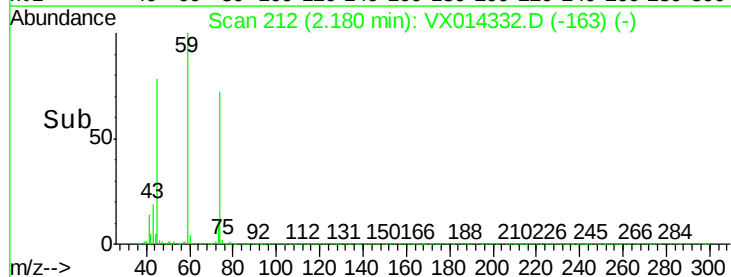
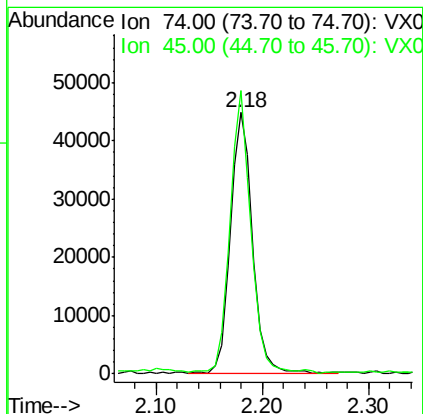
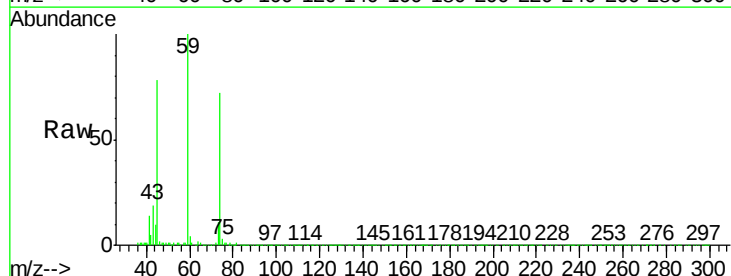
Tgt Ion:101 Resp: 134939
Ion Ratio Lower Upper
101 100
103 65.8 52.2 78.4

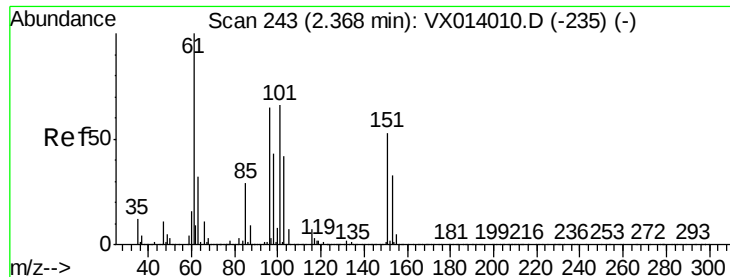


#8

Diethyl Ether
Concen: 18.746 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Tgt Ion: 74 Resp: 64335
Ion Ratio Lower Upper
74 100
45 105.7 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.373 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBS02

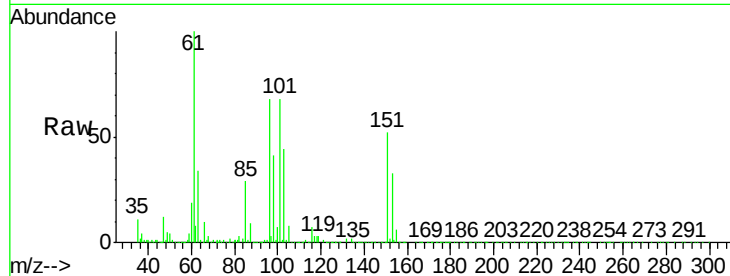
Tgt Ion:101 Resp: 80989

Ion Ratio Lower Upper

101 100

85 40.3 33.7 50.5

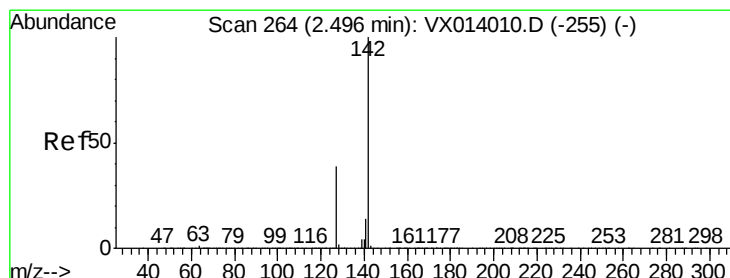
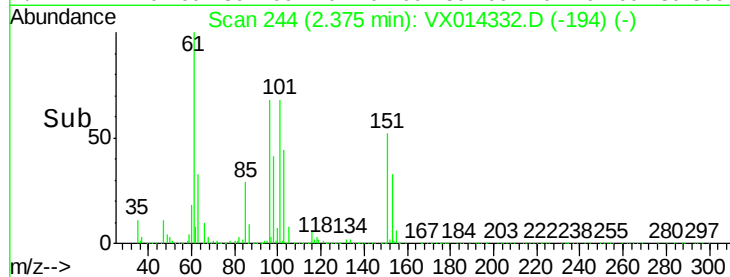
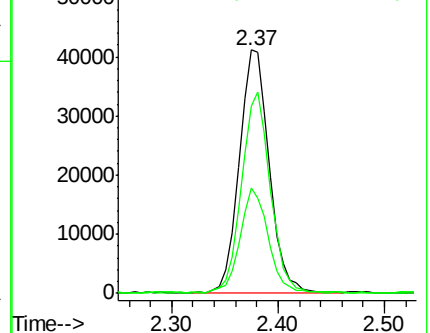
151 78.5 64.5 96.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.849 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

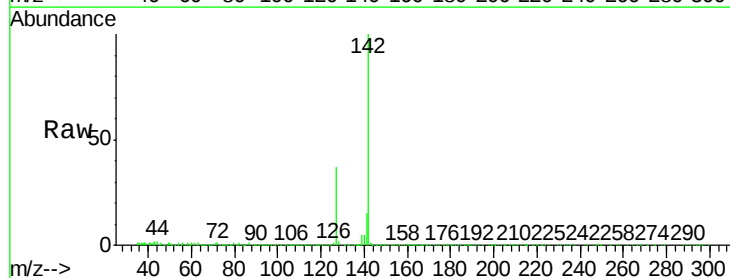
Tgt Ion:142 Resp: 87290

Ion Ratio Lower Upper

142 100

127 38.3 31.6 47.4

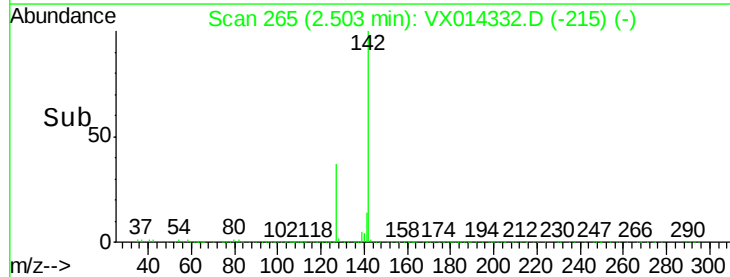
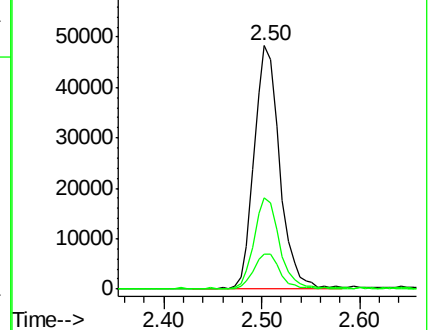
141 14.7 11.6 17.4

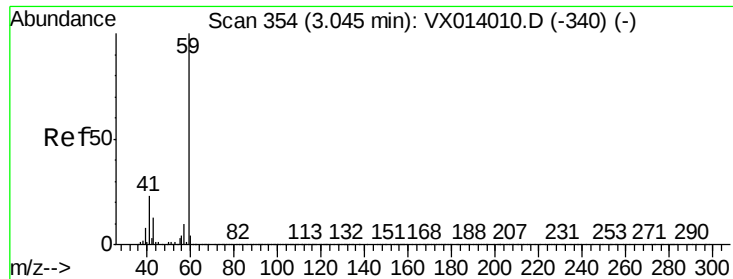


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



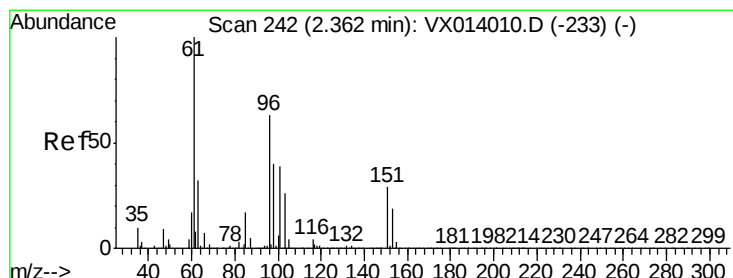
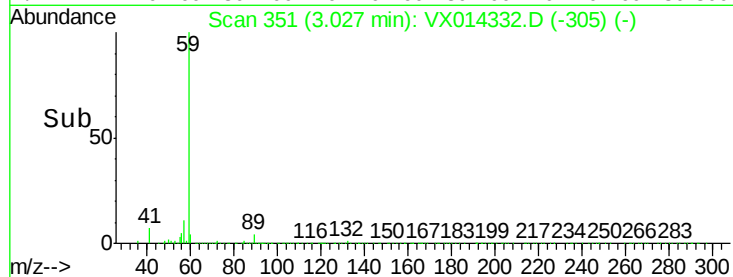
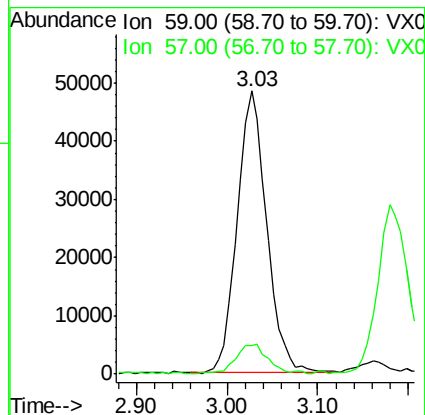
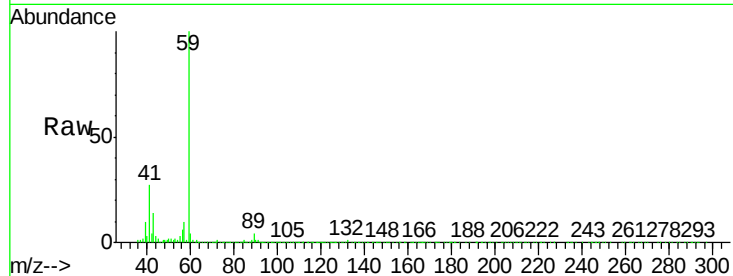


#11

Tert butyl alcohol
 Concen: 95.759 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.02 min
 Lab File: VX014332.D
 Acq: 28 Dec 2019 01:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1227WBS02

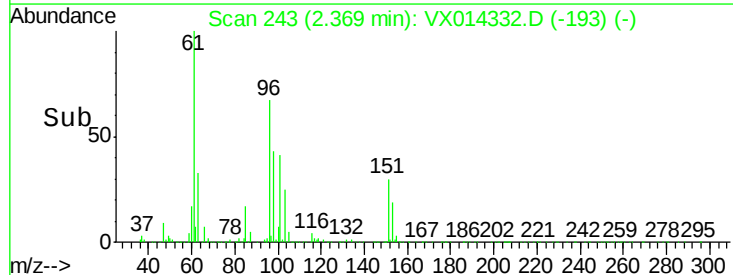
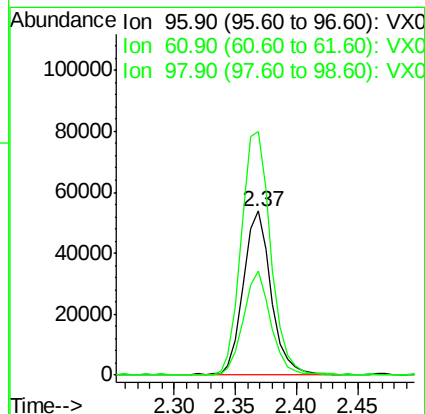
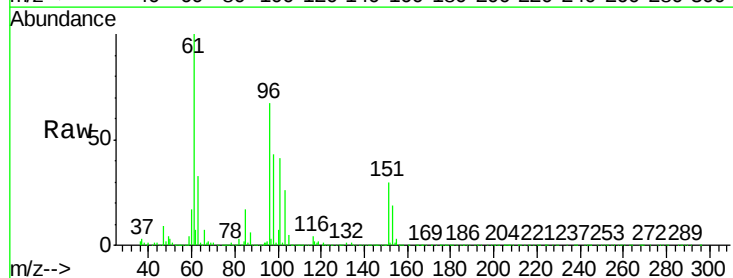
Tgt Ion: 59 Resp: 109350
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.4 12.6

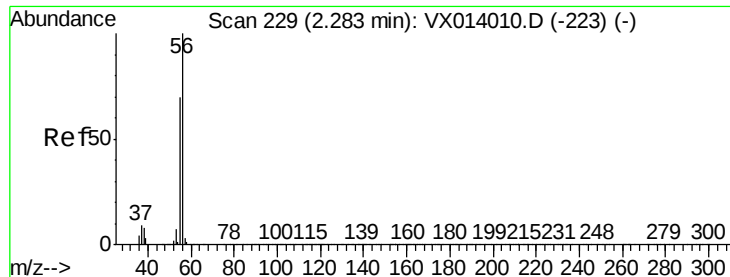


#12

1,1-Dichloroethene
 Concen: 19.068 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.01 min
 Lab File: VX014332.D
 Acq: 28 Dec 2019 01:27

Tgt Ion: 96 Resp: 85527
 Ion Ratio Lower Upper
 96 100
 61 148.2 127.9 191.9
 98 63.2 50.5 75.7





#13

Acrolein

Concen: 79.843 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Instrument :

MSVOA_X

ClientSampleId :

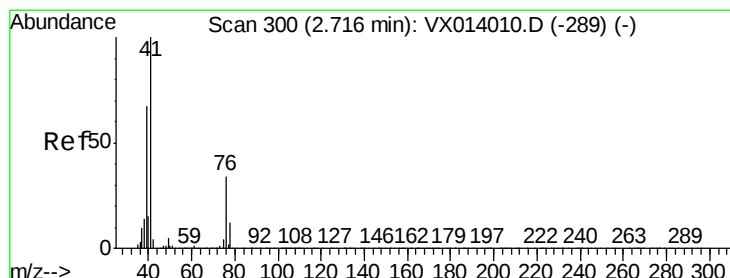
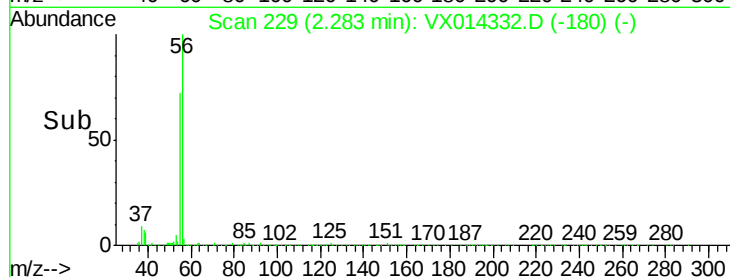
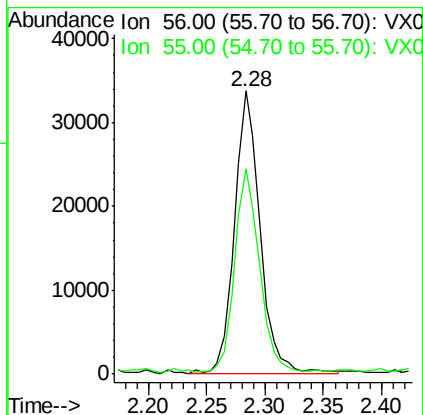
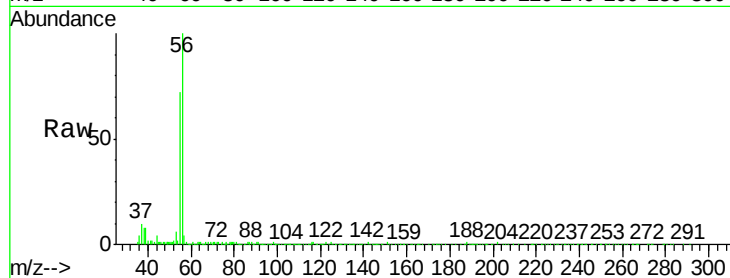
VX1227WBS02

Tgt Ion: 56 Resp: 52192

Ion Ratio Lower Upper

56 100

55 68.5 56.9 85.3



#14

Allyl chloride

Concen: 19.061 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

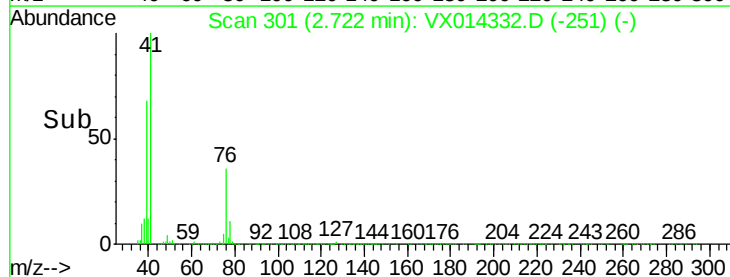
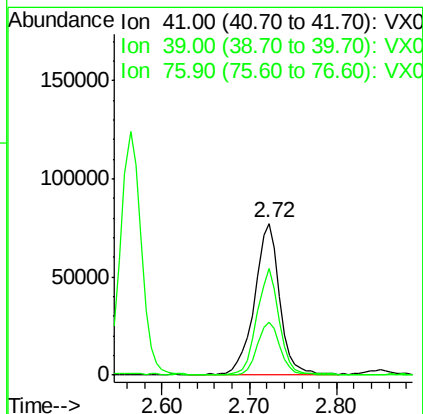
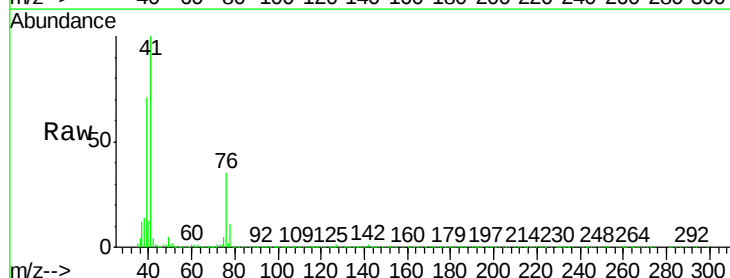
Tgt Ion: 41 Resp: 152657

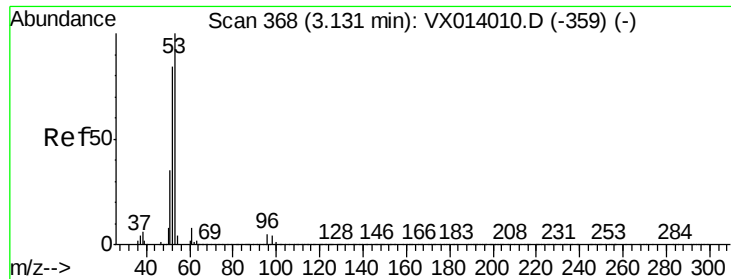
Ion Ratio Lower Upper

41 100

39 62.9 51.8 77.8

76 31.2 25.9 38.9





#15

Acrylonitrile

Concen: 104.625 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBS02

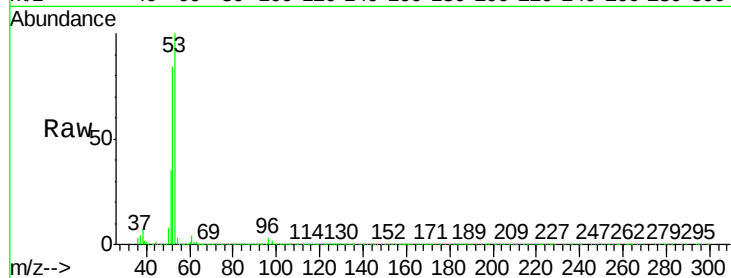
Tgt Ion: 53 Resp: 278862

Ion Ratio Lower Upper

53 100

52 83.1 66.5 99.7

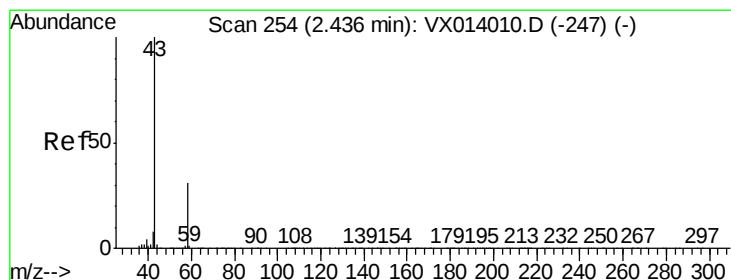
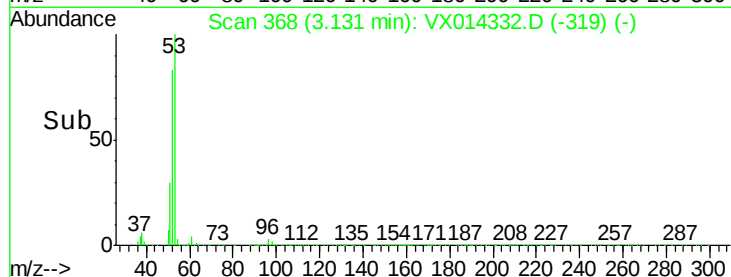
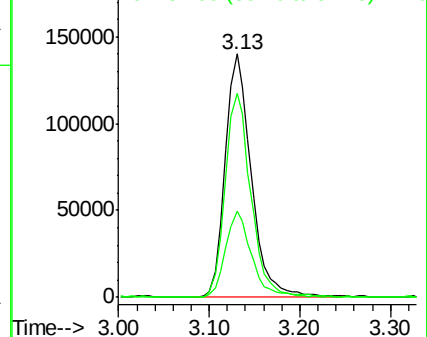
51 35.3 28.1 42.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 90.286 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014332.D

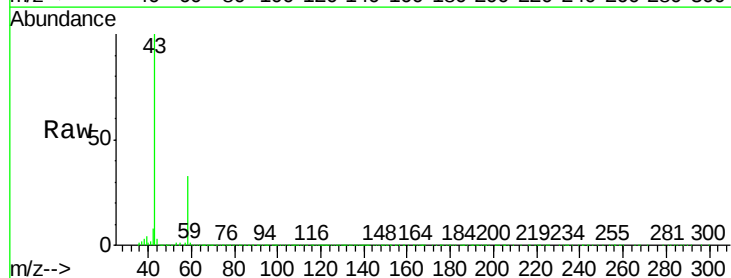
Acq: 28 Dec 2019 01:27

Tgt Ion: 43 Resp: 309771

Ion Ratio Lower Upper

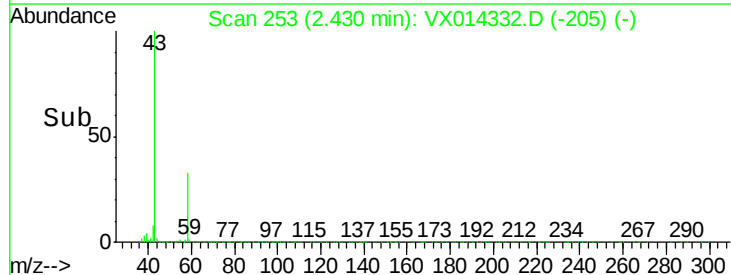
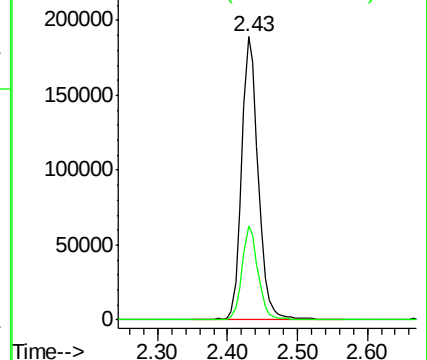
43 100

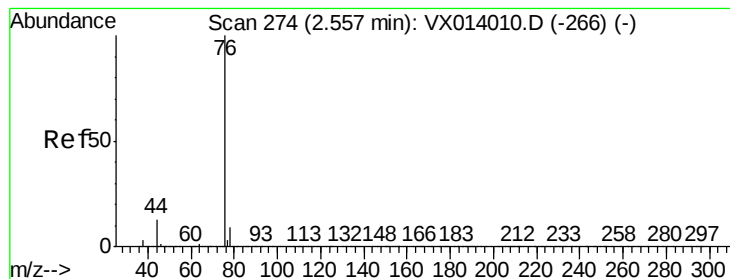
58 33.0 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.727 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Instrument :

MSVOA_X

ClientSampleId :

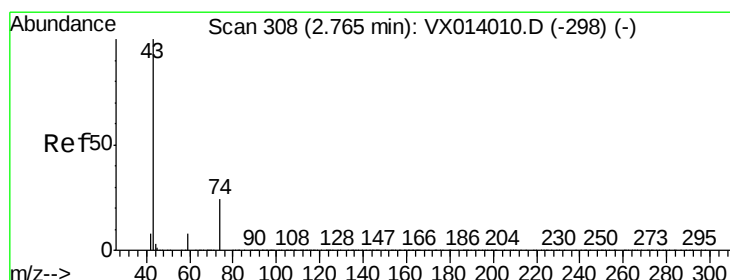
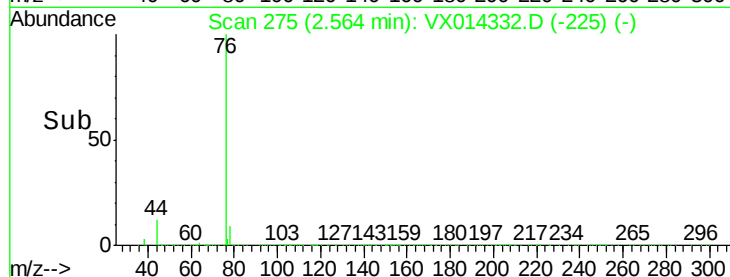
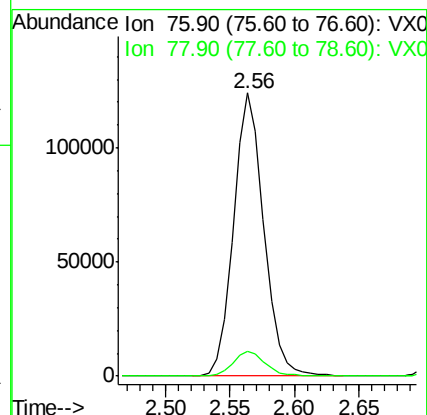
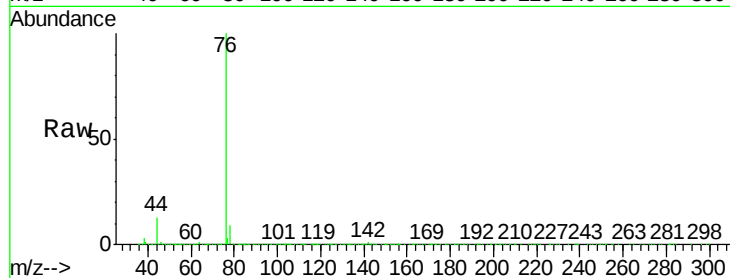
VX1227WBS02

Tgt Ion: 76 Resp: 201987

Ion Ratio Lower Upper

76 100

78 8.8 7.2 10.8



#18

Methyl Acetate

Concen: 21.832 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014332.D

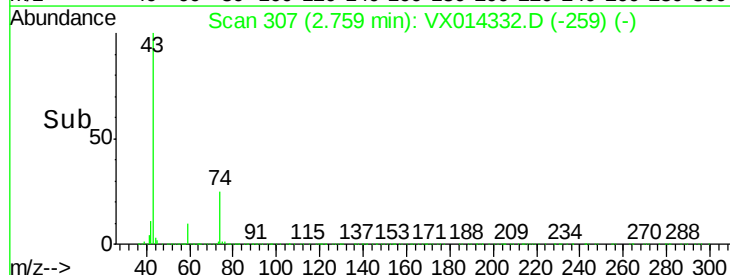
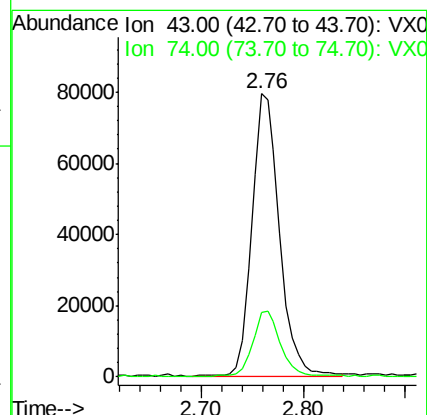
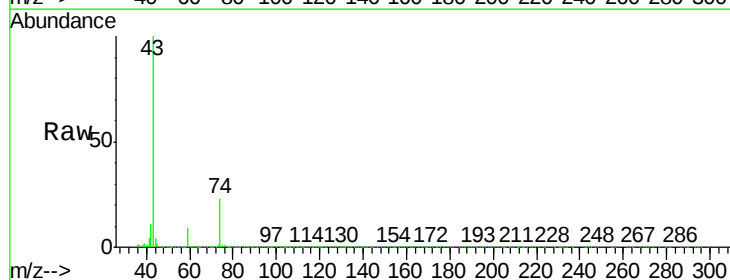
Acq: 28 Dec 2019 01:27

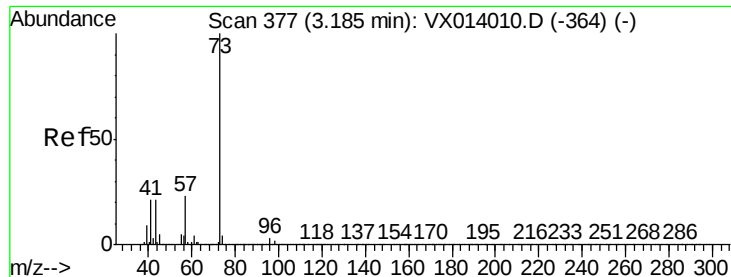
Tgt Ion: 43 Resp: 148428

Ion Ratio Lower Upper

43 100

74 23.4 19.5 29.3



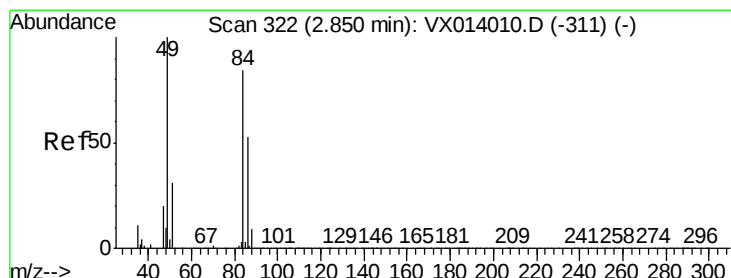
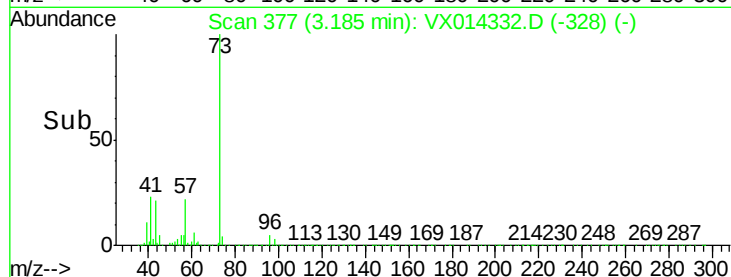
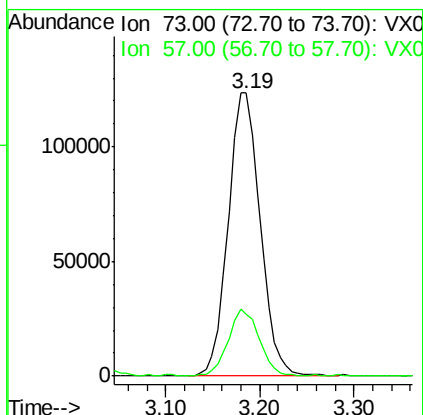
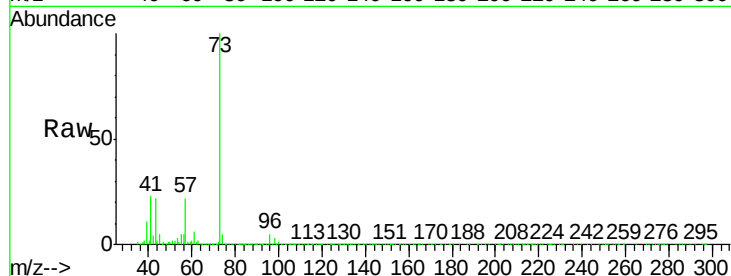


#19

Methyl tert-butyl Ether
Concen: 19.764 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS02

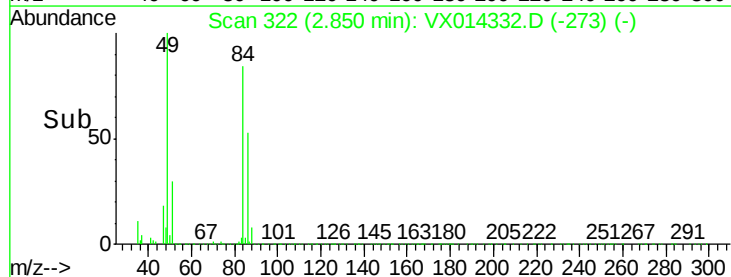
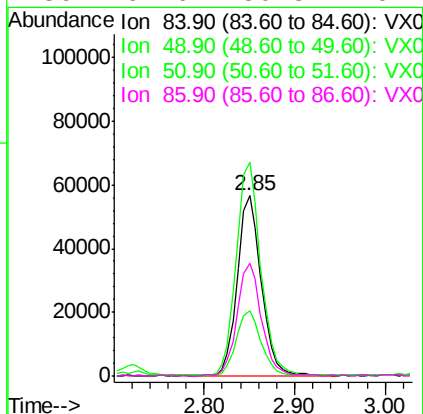
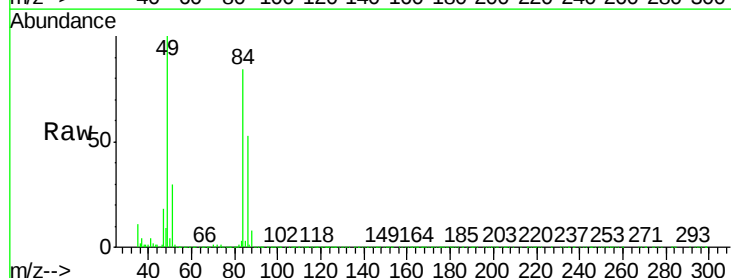
Tgt Ion: 73 Resp: 291316
Ion Ratio Lower Upper
73 100
57 21.7 18.8 28.2

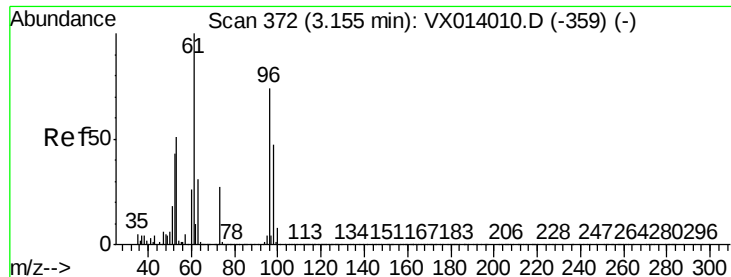


#20

Methylene Chloride
Concen: 19.367 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Tgt Ion: 84 Resp: 104640
Ion Ratio Lower Upper
84 100
49 118.7 95.8 143.6
51 35.7 29.8 44.8
86 62.6 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 18.399 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBS02

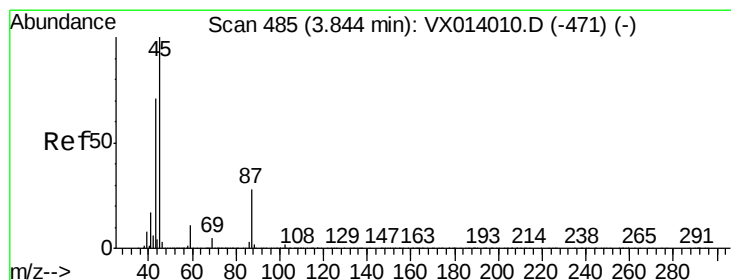
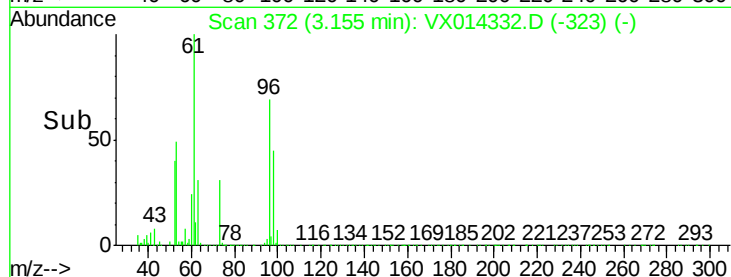
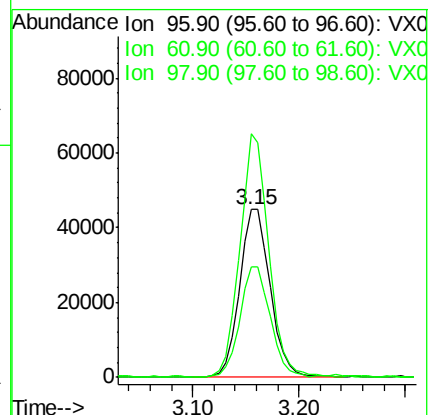
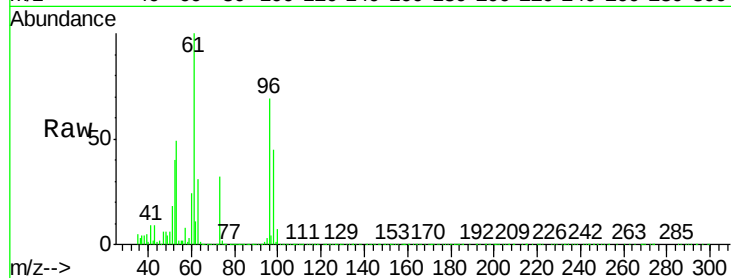
Tgt Ion: 96 Resp: 90920

Ion Ratio Lower Upper

96 100

61 144.7 108.3 162.5

98 65.2 50.8 76.2



#22

Diisopropyl ether

Concen: 20.339 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Tgt Ion: 45 Resp: 324595

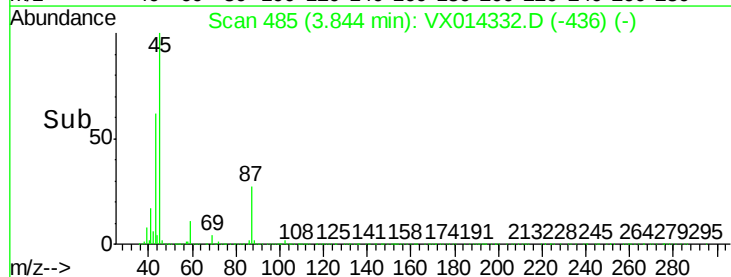
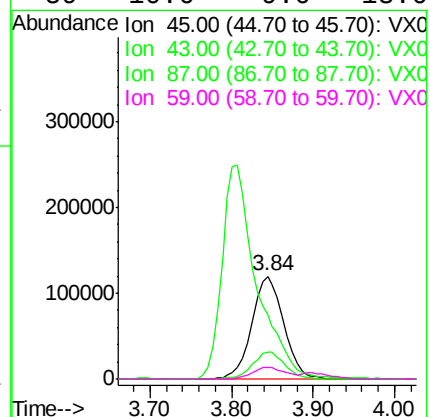
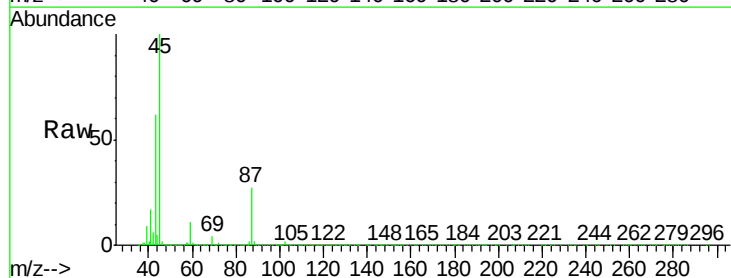
Ion Ratio Lower Upper

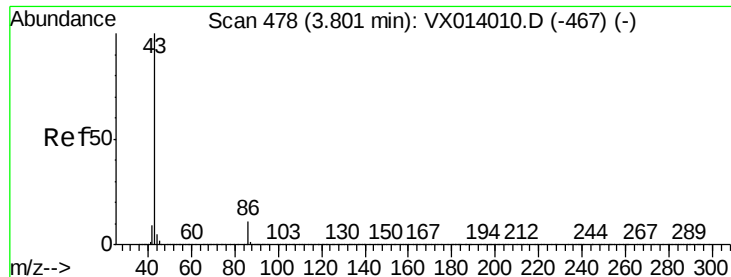
45 100

43 61.5 57.4 86.0

87 26.7 21.9 32.9

59 10.6 9.0 13.6





#23

Vinyl Acetate

Concen: 56.445 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.01 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Instrument :

MSVOA_X

ClientSampled :

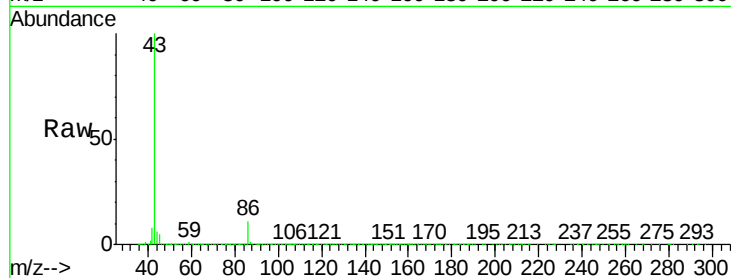
VX1227WBS02

Tgt Ion: 43 Resp: 735128

Ion Ratio Lower Upper

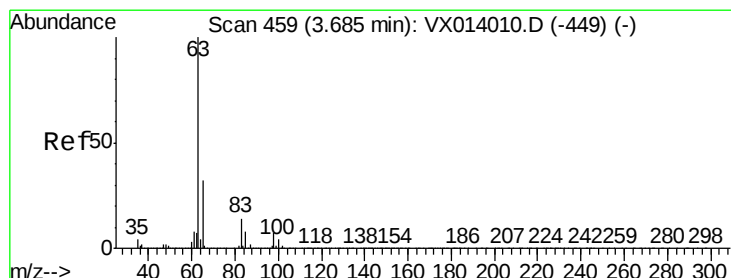
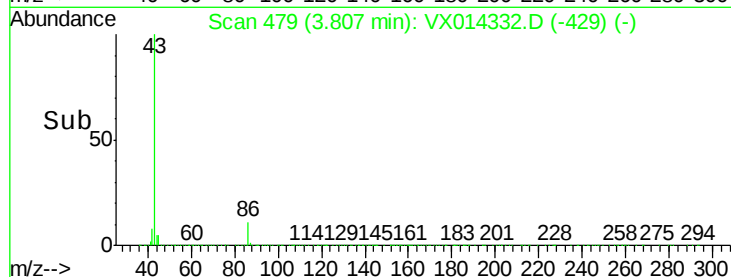
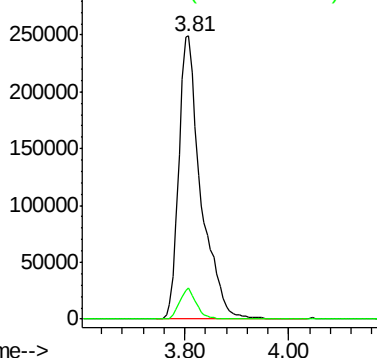
43 100

86 11.1 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.598 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

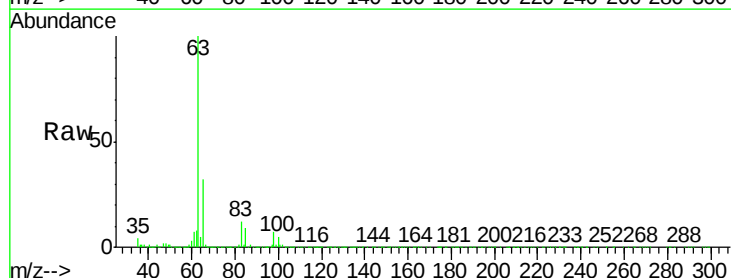
Tgt Ion: 63 Resp: 174016

Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

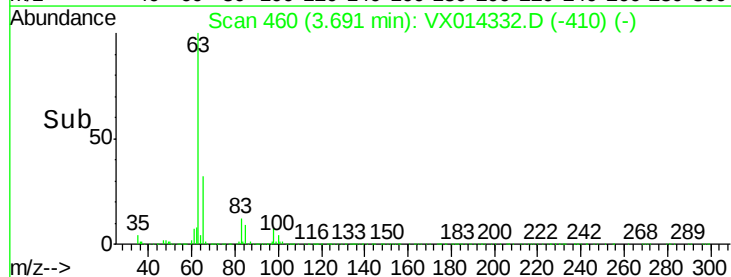
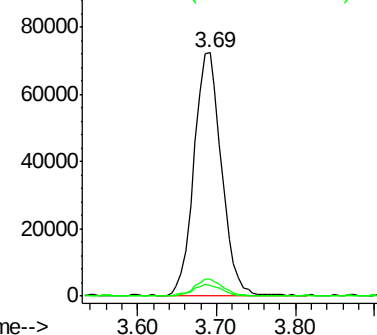
100 4.1 2.3 6.8

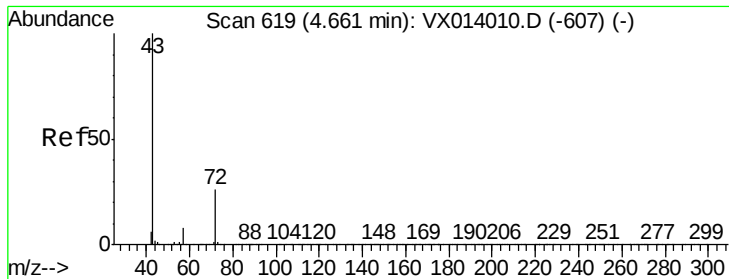


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 98.463 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Instrument :

MSVOA_X

ClientSampleId :

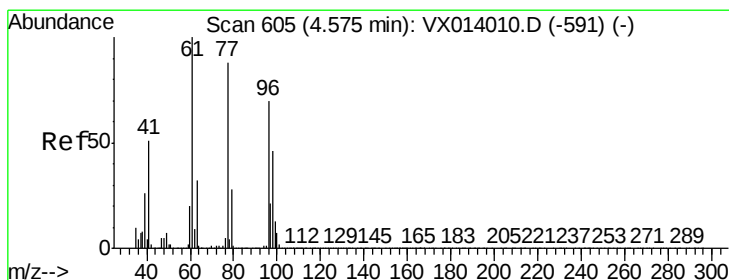
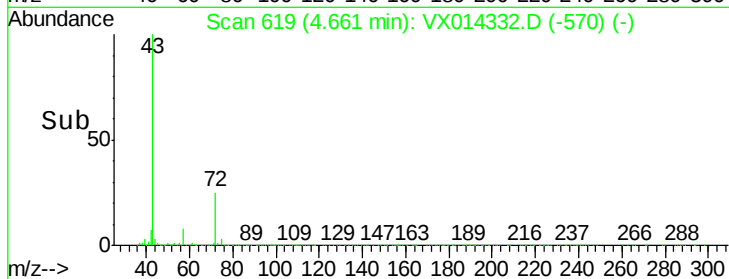
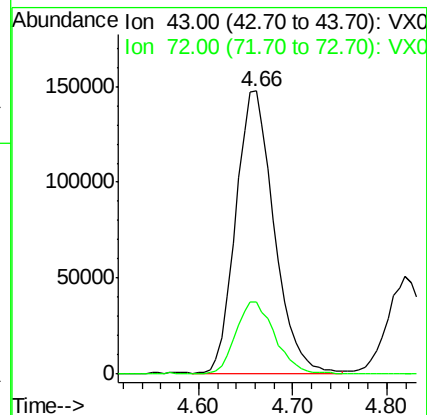
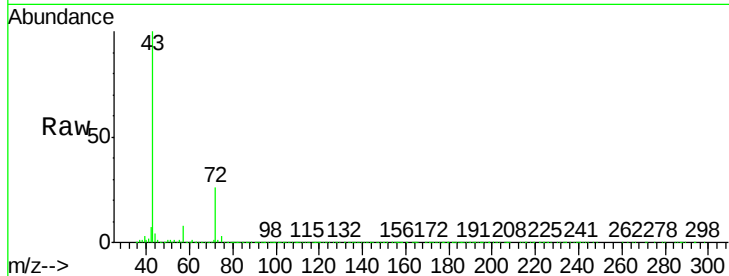
VX1227WBS02

Tgt Ion: 43 Resp: 416500

Ion Ratio Lower Upper

43 100

72 25.4 21.0 31.4



#26

2,2-Dichloropropane

Concen: 14.917 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014332.D

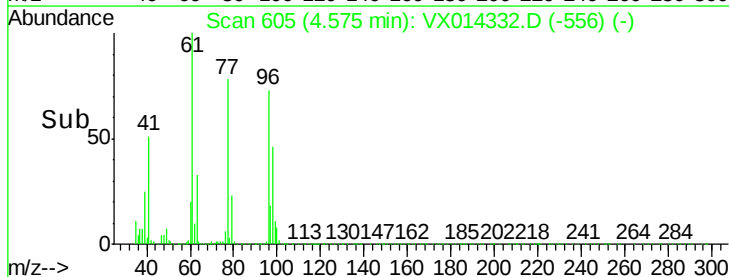
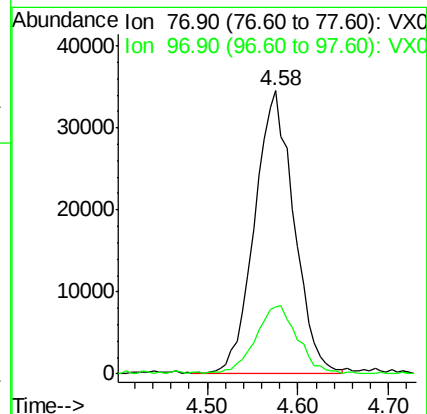
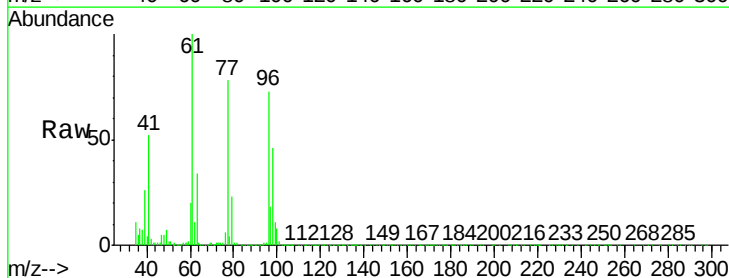
Acq: 28 Dec 2019 01:27

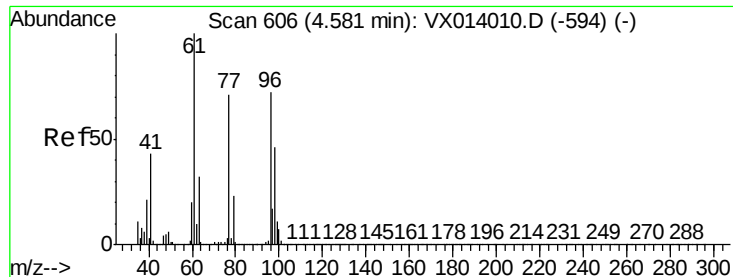
Tgt Ion: 77 Resp: 102834

Ion Ratio Lower Upper

77 100

97 25.9 11.9 35.9



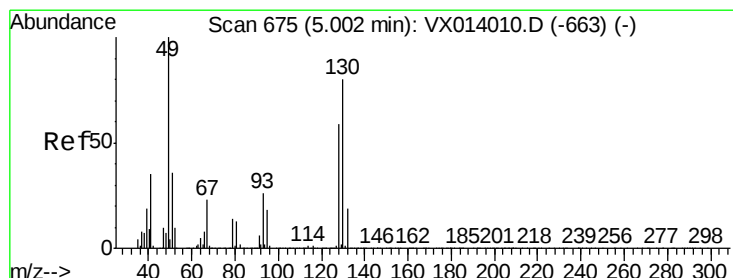
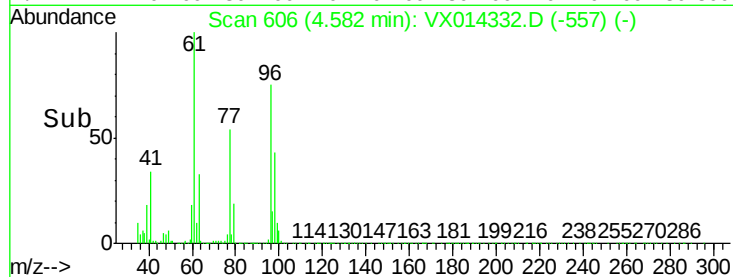
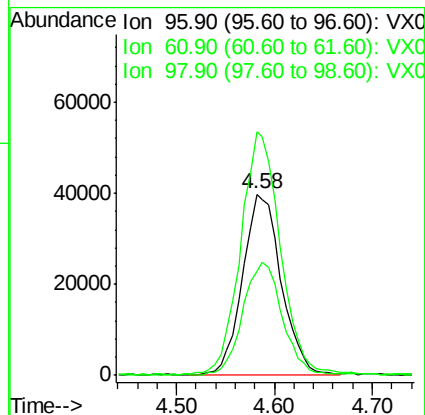
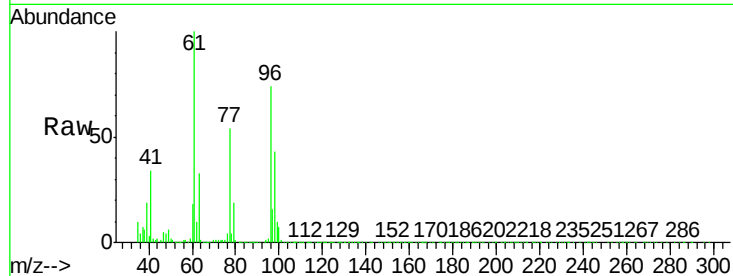


#27

cis-1,2-Dichloroethene
 Concen: 19.516 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VX014332.D
 Acq: 28 Dec 2019 01:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1227WBS02

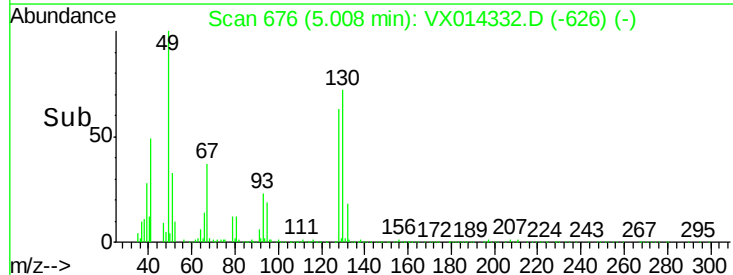
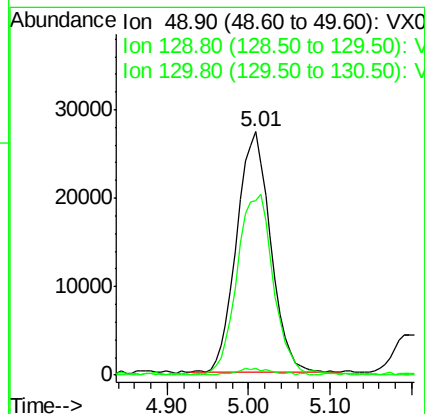
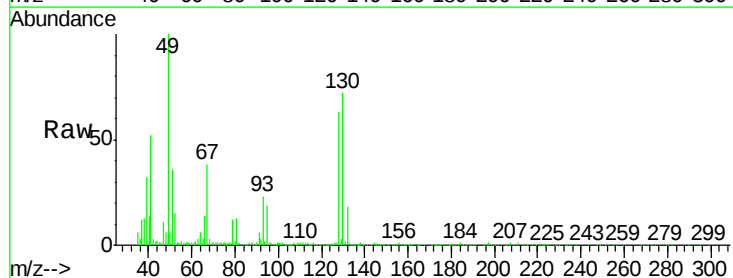
Tgt Ion	Ratio	Lower	Upper
96	100		
61	137.5	0.0	288.4
98	63.2	0.0	129.6

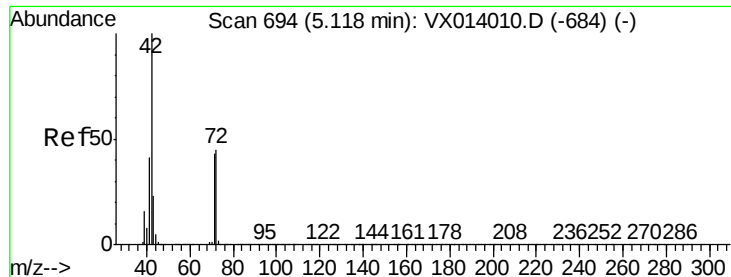


#28

Bromochloromethane
 Concen: 23.244 ug/l
 RT: 5.01 min Scan# 676
 Delta R.T. 0.01 min
 Lab File: VX014332.D
 Acq: 28 Dec 2019 01:27

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.1	0.0	5.0
130	80.5	64.6	97.0





#29

Tetrahydrofuran

Concen: 106.507 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBS02

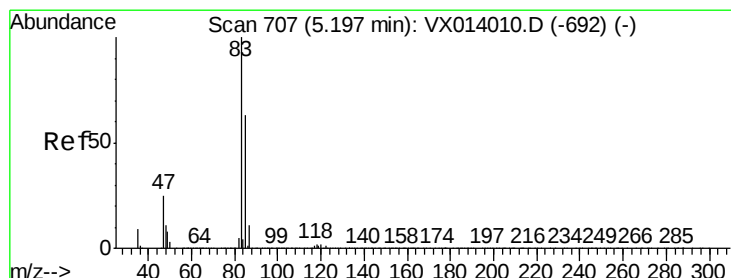
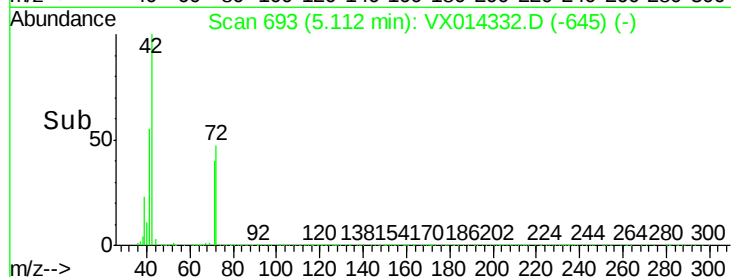
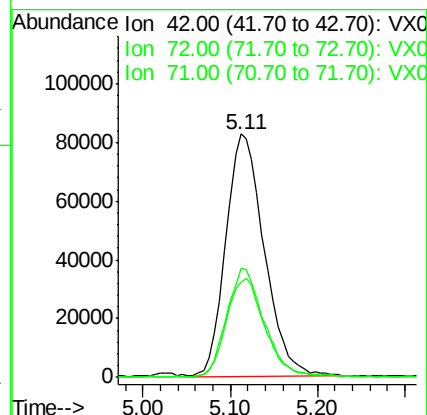
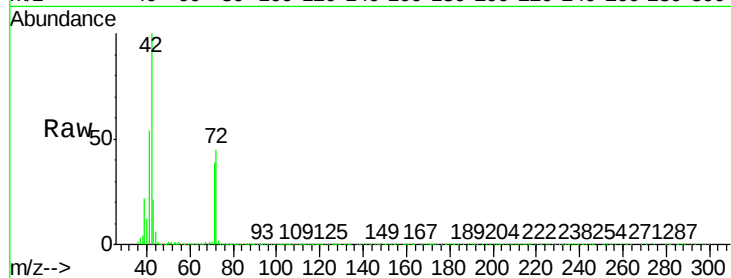
Tgt Ion: 42 Resp: 251991

Ion Ratio Lower Upper

42 100

72 44.8 35.8 53.8

71 40.8 33.6 50.4



#30

Chloroform

Concen: 19.946 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.01 min

Lab File: VX014332.D

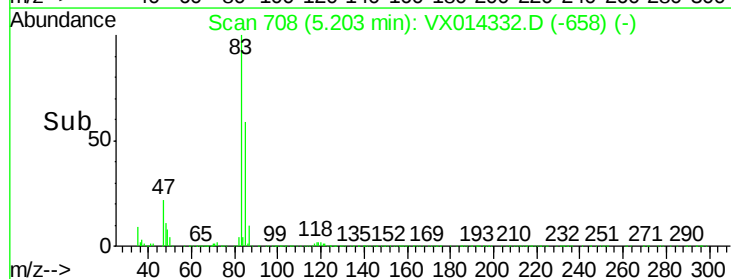
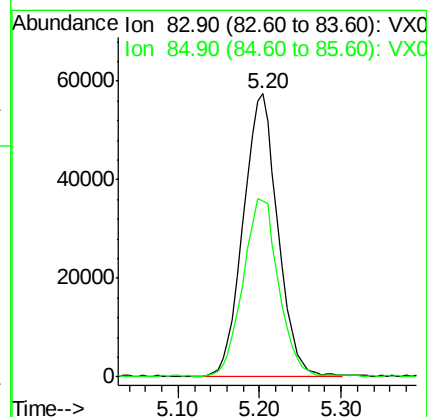
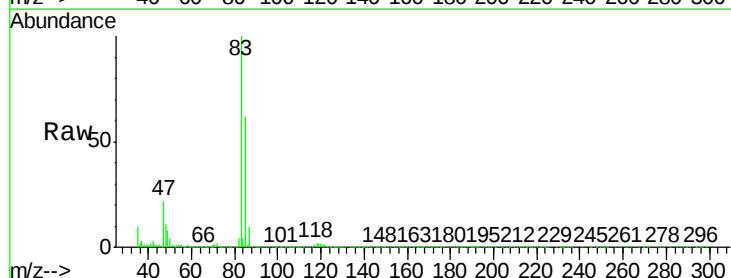
Acq: 28 Dec 2019 01:27

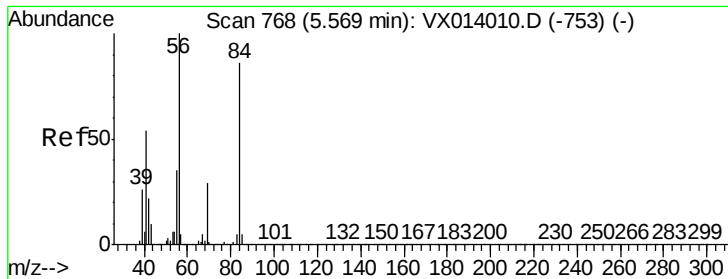
Tgt Ion: 83 Resp: 167890

Ion Ratio Lower Upper

83 100

85 62.0 50.8 76.2

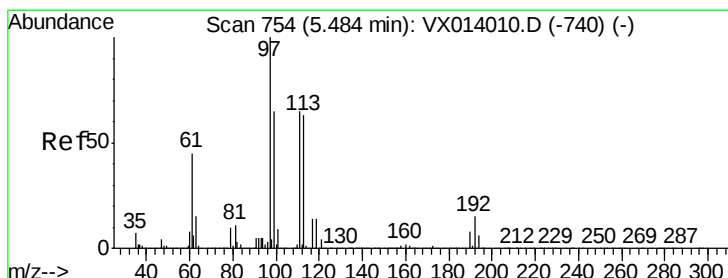
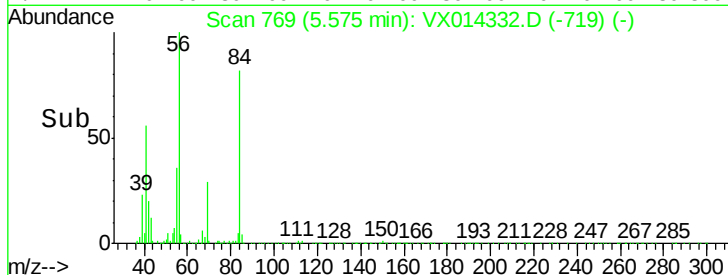
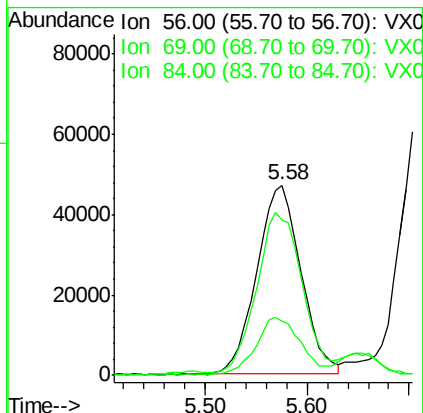
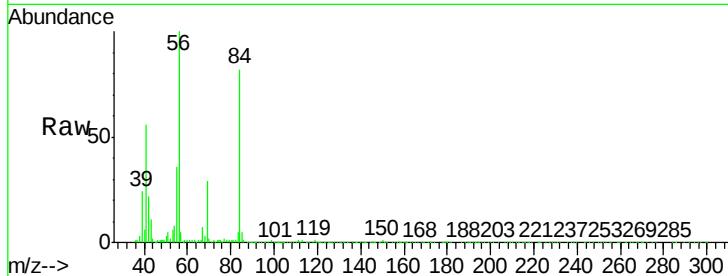




#31
Cyclohexane
Concen: 17.954 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

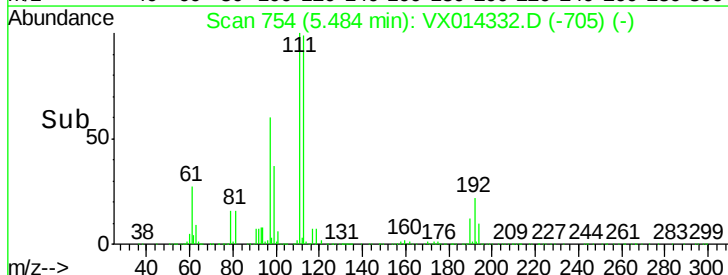
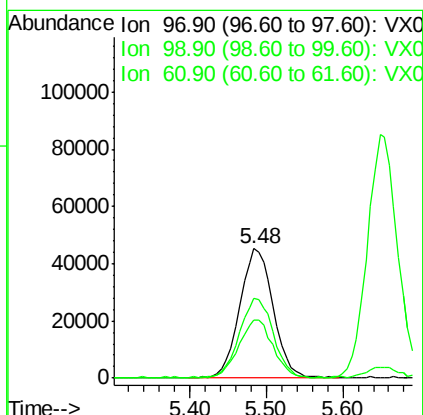
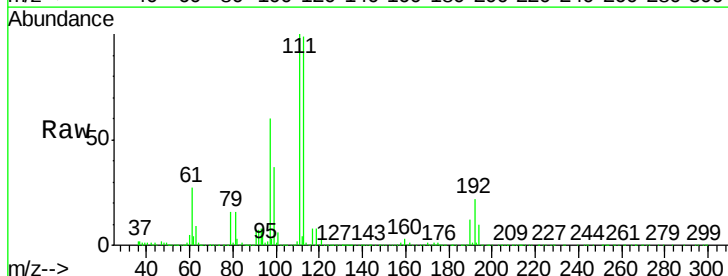
Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS02

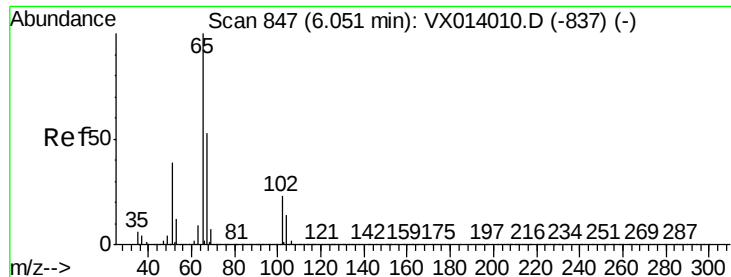
Tgt Ion: 56 Resp: 141784
Ion Ratio Lower Upper
56 100
69 27.7 23.2 34.8
84 80.5 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 19.048 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Tgt Ion: 97 Resp: 136643
Ion Ratio Lower Upper
97 100
99 63.2 52.0 78.0
61 45.4 36.7 55.1





#33

1,2-Dichloroethane-d4

Concen: 51.408 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Instrument :

MSVOA_X

ClientSampleId :

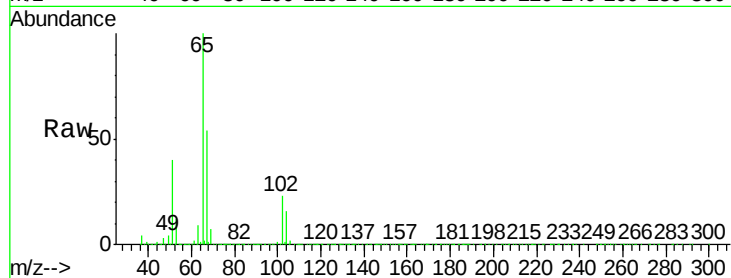
VX1227WBS02

Tgt Ion: 65 Resp: 271685

Ion Ratio Lower Upper

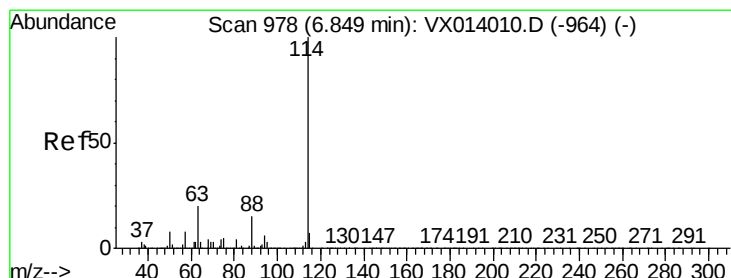
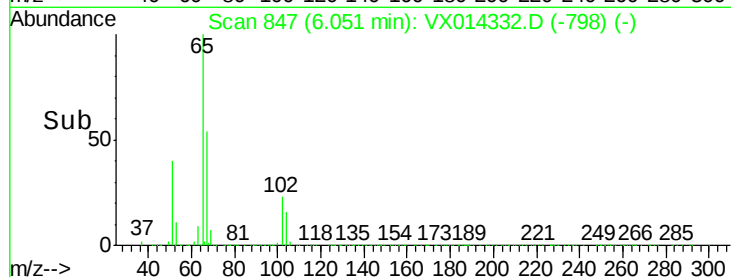
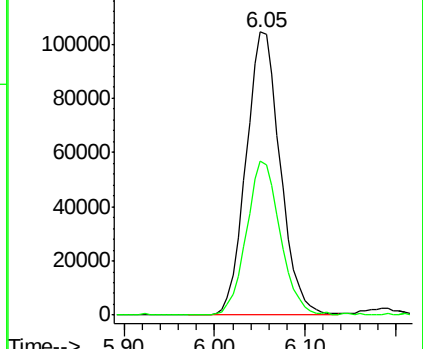
65 100

67 53.6 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

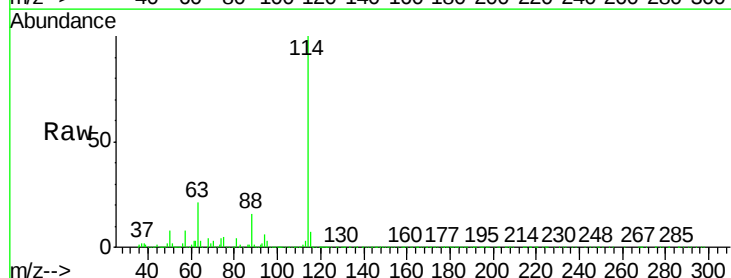
Tgt Ion: 114 Resp: 742425

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.8

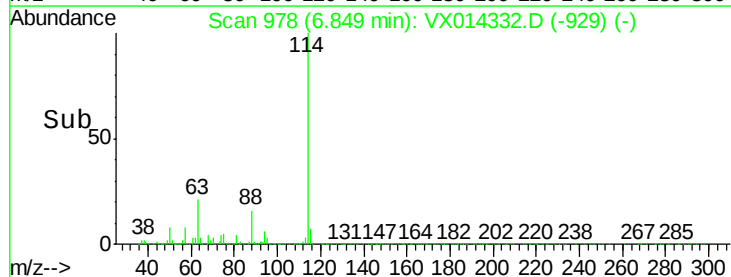
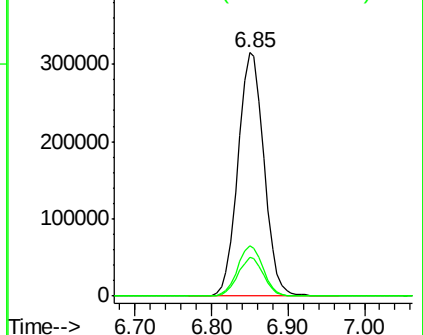
88 16.0 0.0 30.4

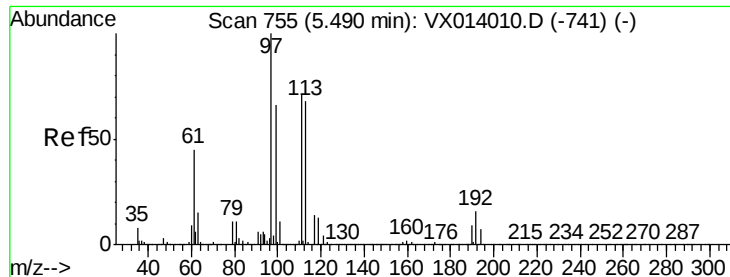


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.614 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBS02

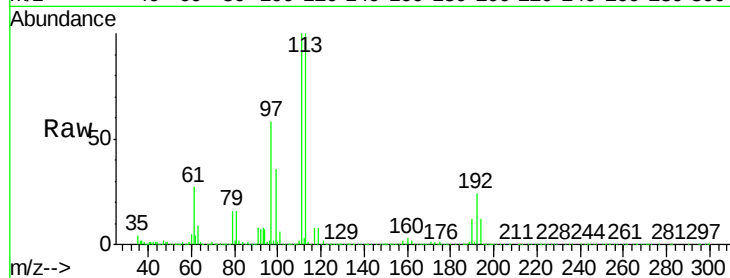
Tgt Ion:113 Resp: 219400

Ion Ratio Lower Upper

113 100

111 102.1 82.0 123.0

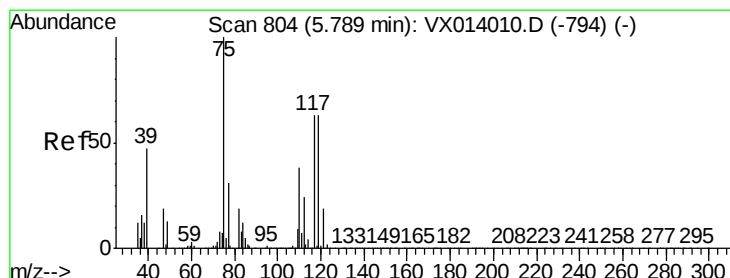
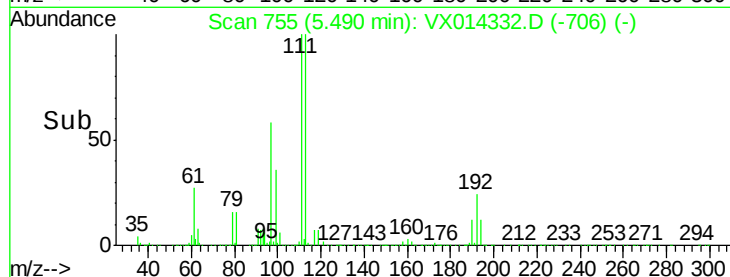
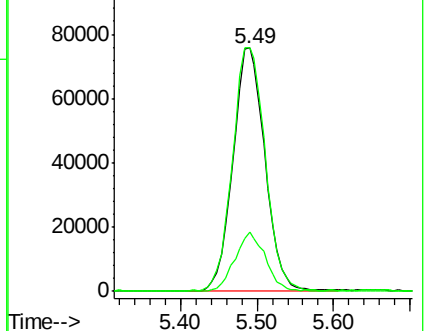
192 23.5 19.3 28.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.574 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.01 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

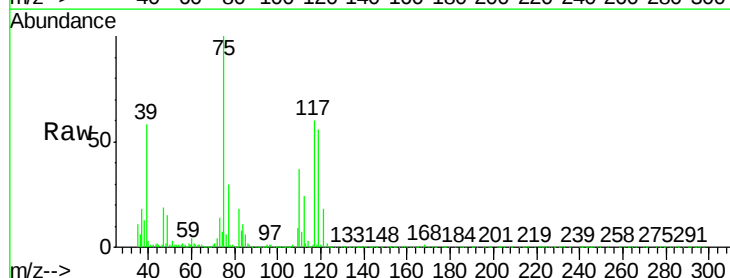
Tgt Ion: 75 Resp: 119719

Ion Ratio Lower Upper

75 100

110 36.7 18.3 54.9

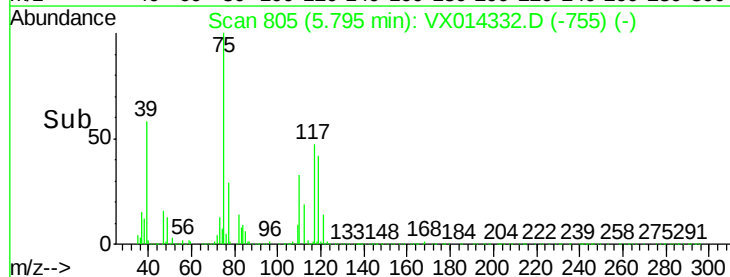
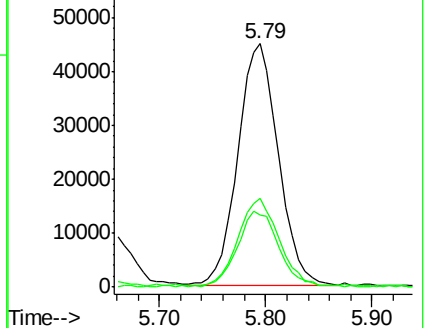
77 31.2 24.8 37.2

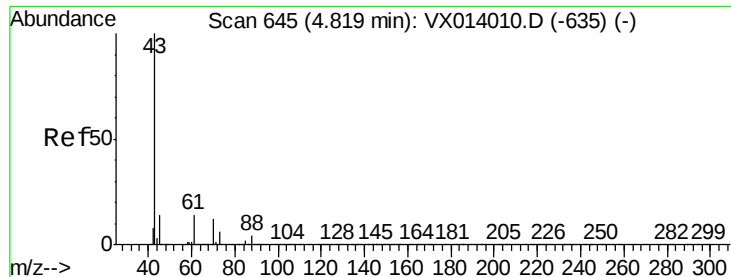


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

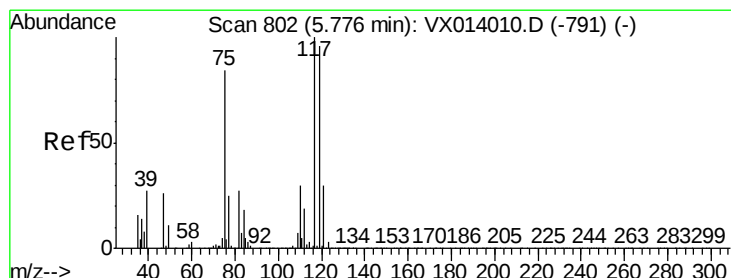
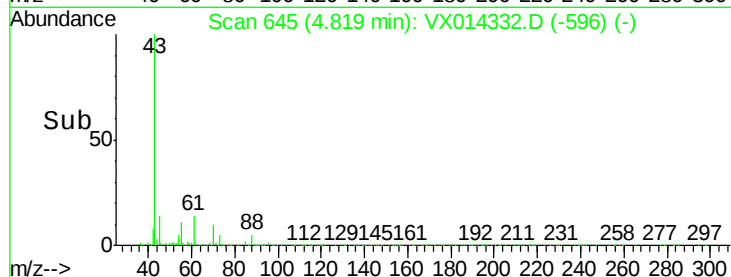
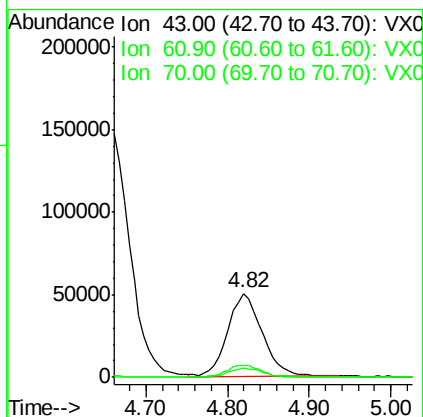
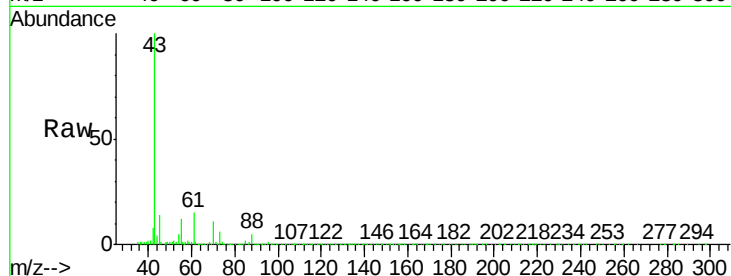




#37
Ethyl Acetate
Concen: 19.518 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

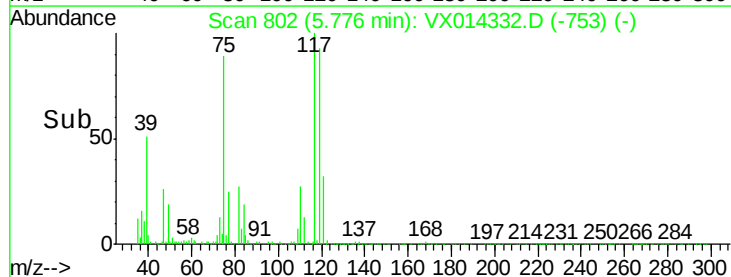
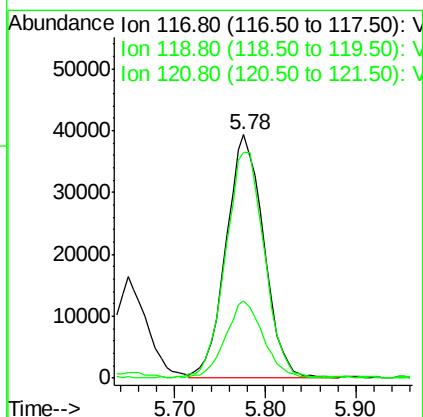
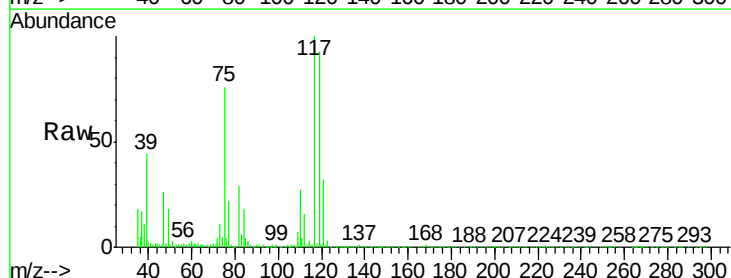
Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS02

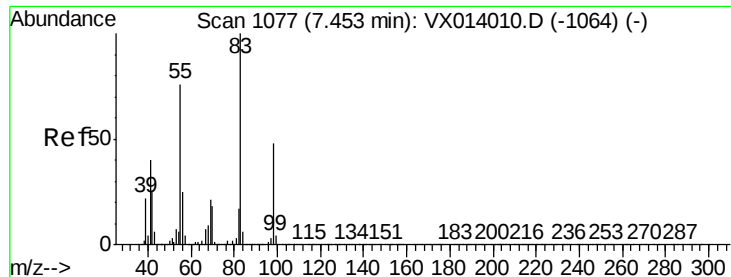
Tgt Ion: 43 Resp: 146829
Ion Ratio Lower Upper
43 100
61 14.1 10.8 16.2
70 10.4 8.6 12.8



#38
Carbon Tetrachloride
Concen: 18.235 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Tgt Ion: 117 Resp: 113164
Ion Ratio Lower Upper
117 100
119 92.5 76.2 114.4
121 31.5 23.6 35.4

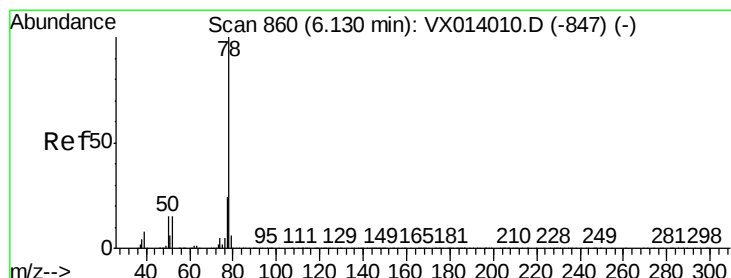
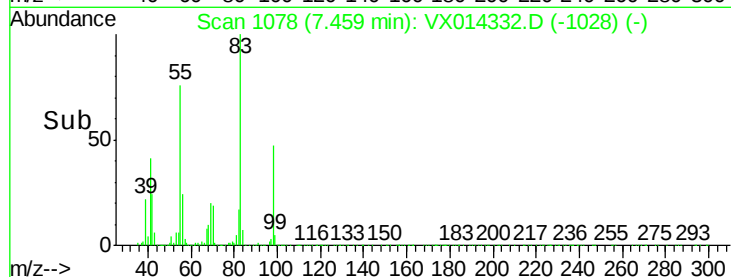
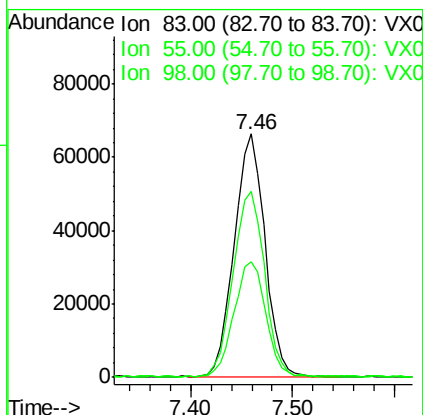
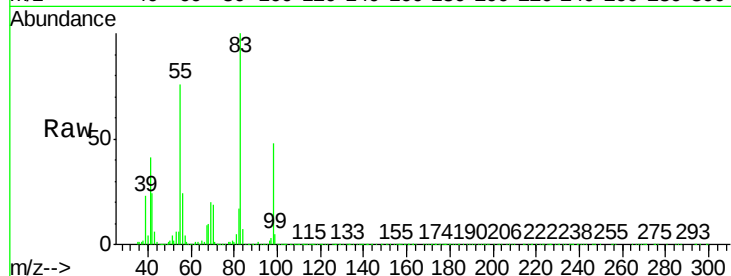




#39
Methylcyclohexane
Concen: 16.530 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

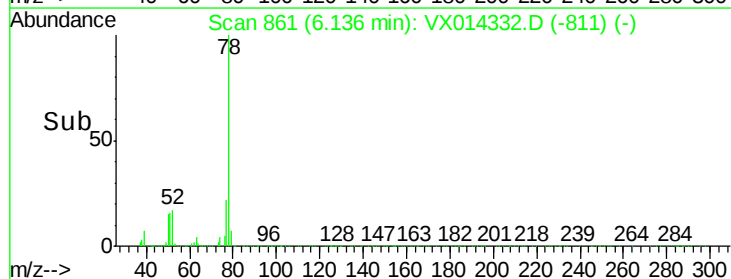
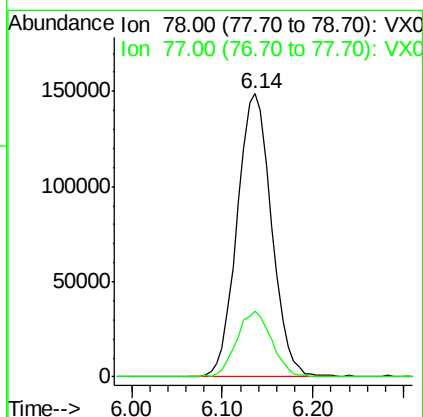
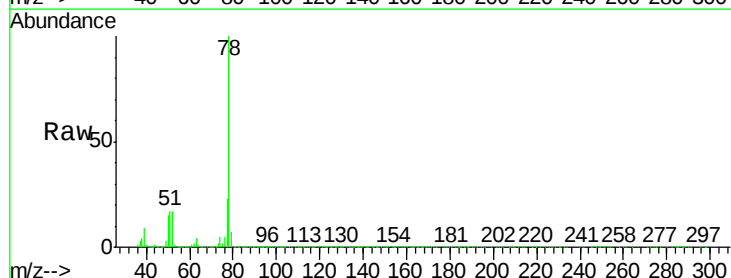
Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS02

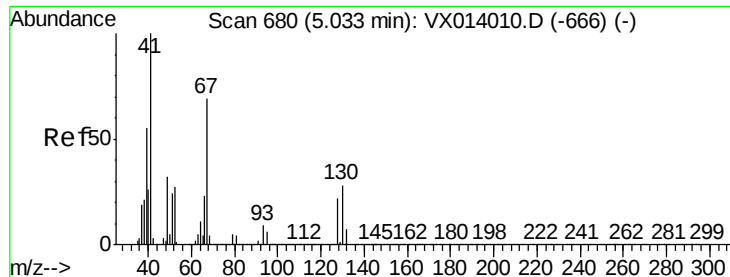
Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.7	61.0	91.6
98	47.5	38.6	57.8



#40
Benzene
Concen: 18.597 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.8	28.2





#41

Methacrylonitrile

Concen: 19.442 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.00 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBS02

Tgt Ion: 41 Resp: 81149

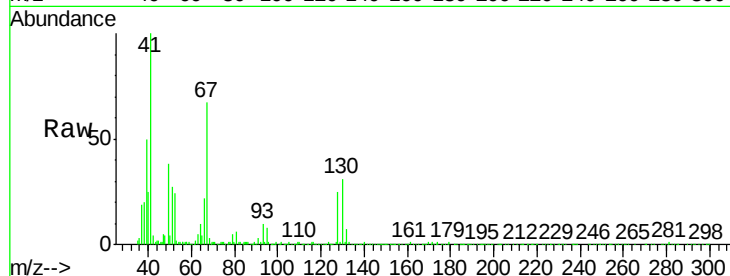
Ion Ratio Lower Upper

41 100

39 53.7 44.5 66.7

67 72.8 57.4 86.0

52 26.1 23.0 34.4

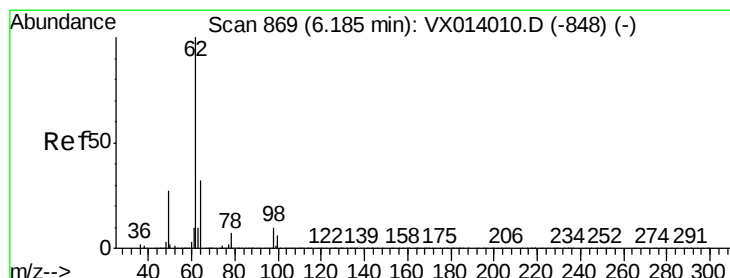
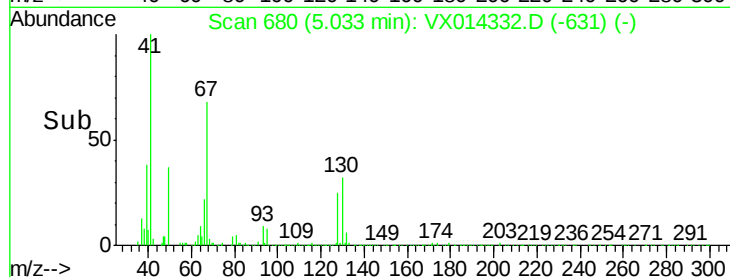
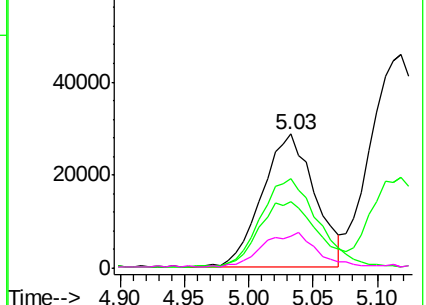


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.006 ug/l

RT: 6.18 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX014332.D

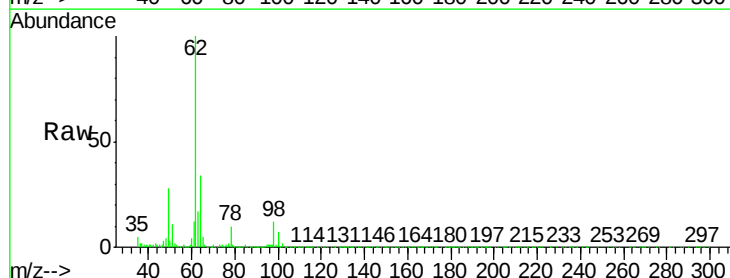
Acq: 28 Dec 2019 01:27

Tgt Ion: 62 Resp: 135040

Ion Ratio Lower Upper

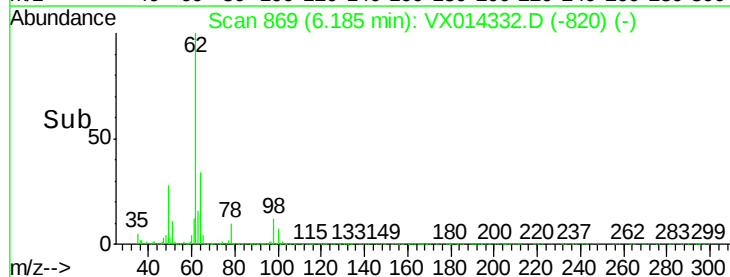
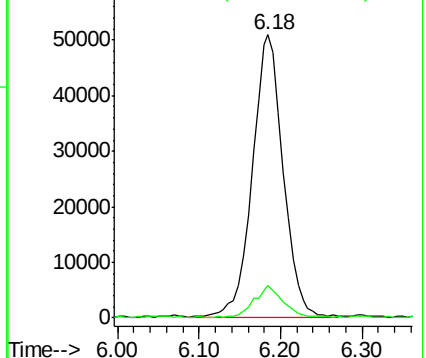
62 100

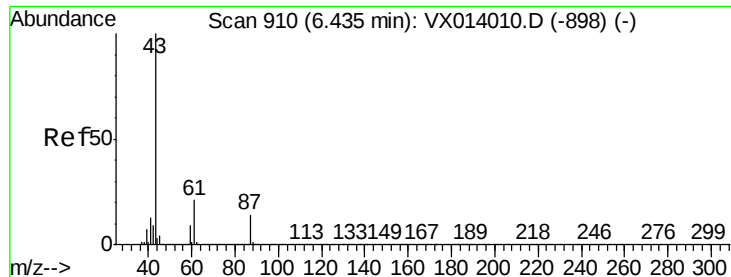
98 10.4 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.474 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBS02

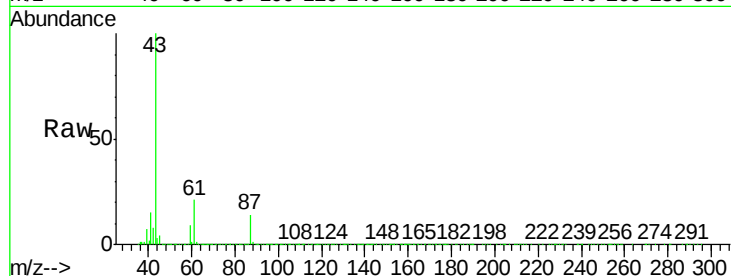
Tgt Ion: 43 Resp: 242444

Ion Ratio Lower Upper

43 100

61 20.2 16.4 24.6

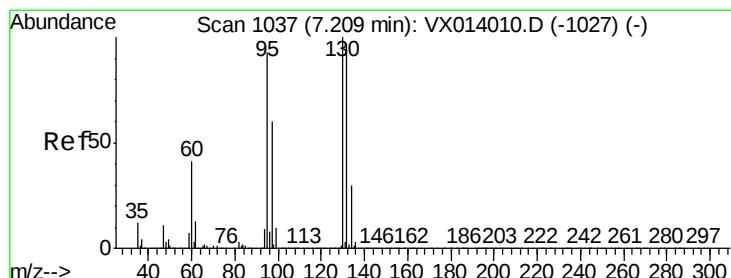
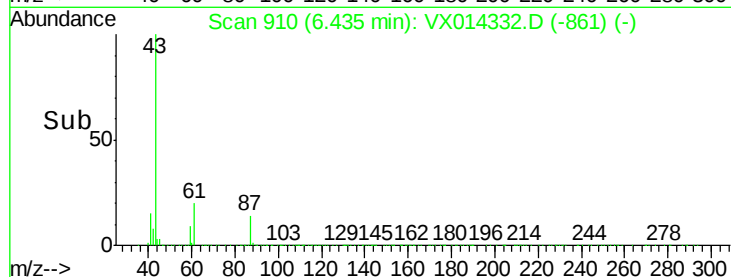
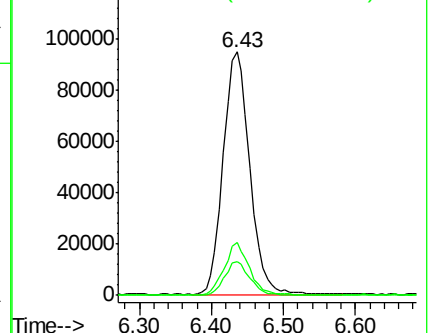
87 13.2 10.7 16.1



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: 19.712 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014332.D

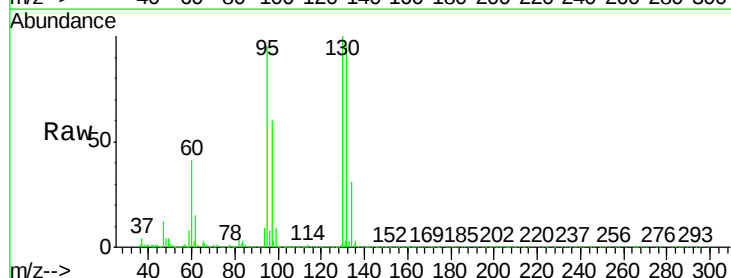
Acq: 28 Dec 2019 01:27

Tgt Ion: 130 Resp: 114121

Ion Ratio Lower Upper

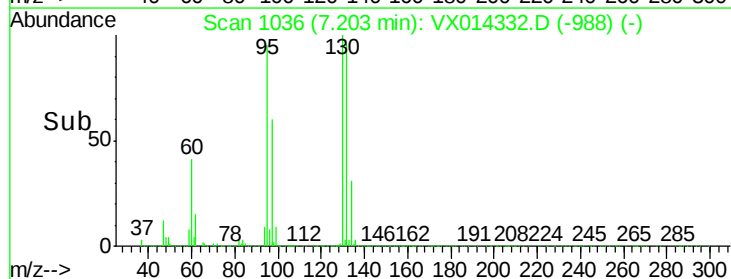
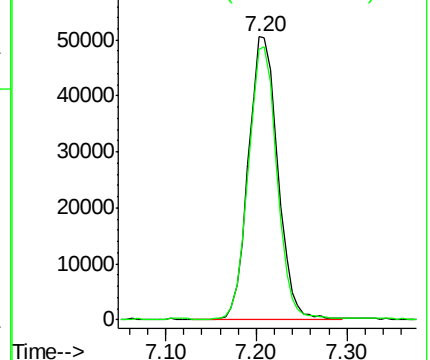
130 100

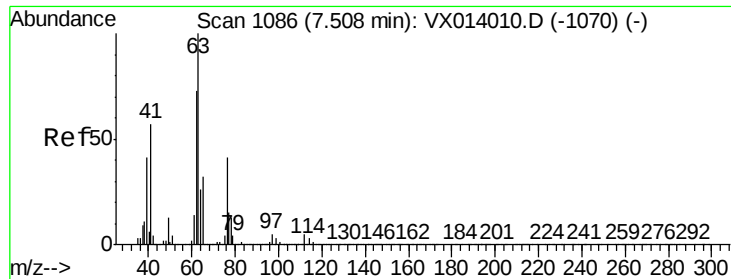
95 95.2 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.388 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Instrument :

MSVOA_X

ClientSampleId :

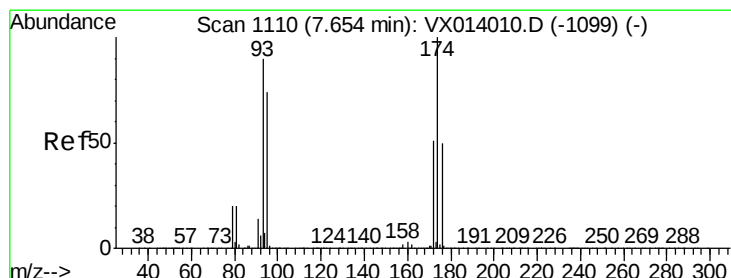
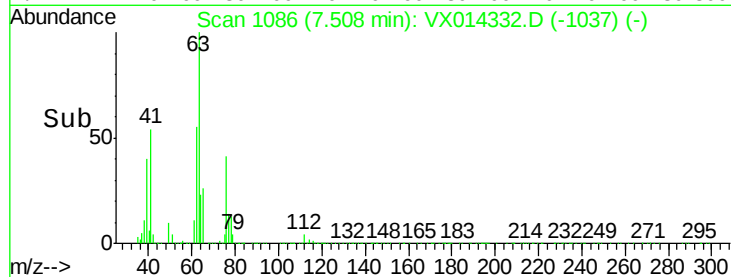
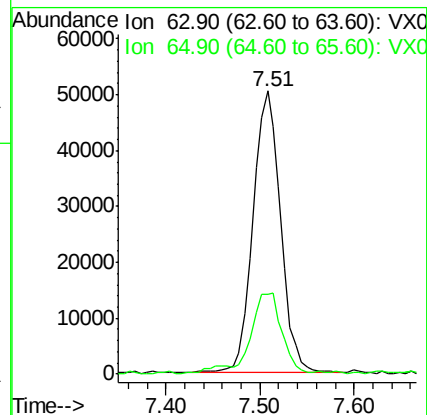
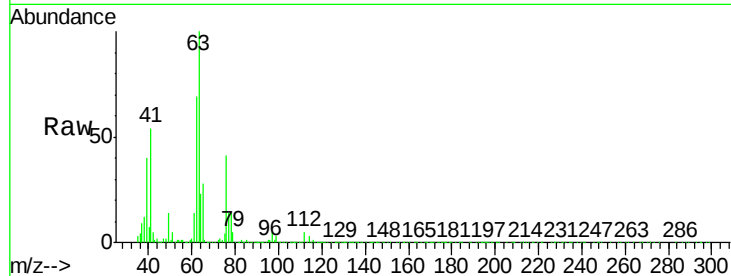
VX1227WBS02

Tgt Ion: 63 Resp: 104158

Ion Ratio Lower Upper

63 100

65 27.9 25.8 38.8



#46

Dibromomethane

Concen: 18.580 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

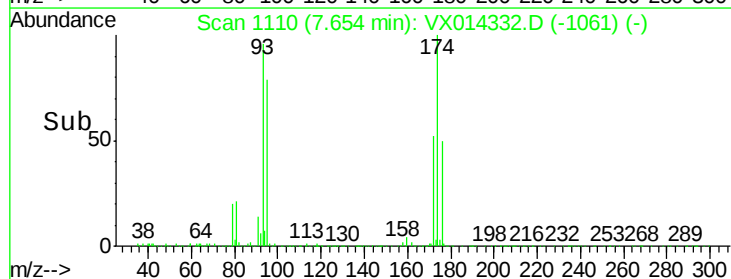
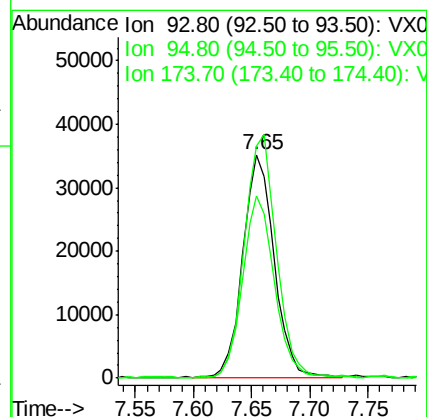
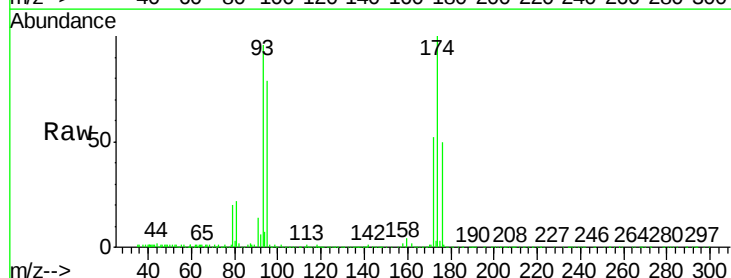
Tgt Ion: 93 Resp: 65993

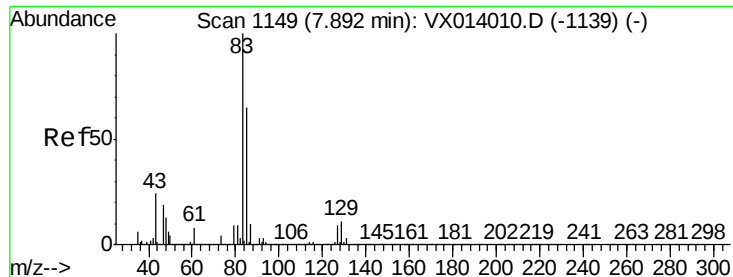
Ion Ratio Lower Upper

93 100

95 83.5 67.3 100.9

174 112.9 91.6 137.4





#47

Bromodichloromethane

Concen: 18.750 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBS02

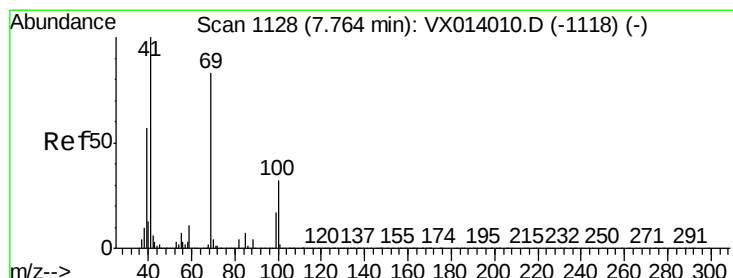
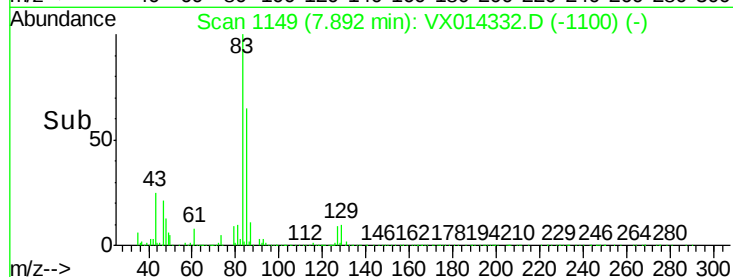
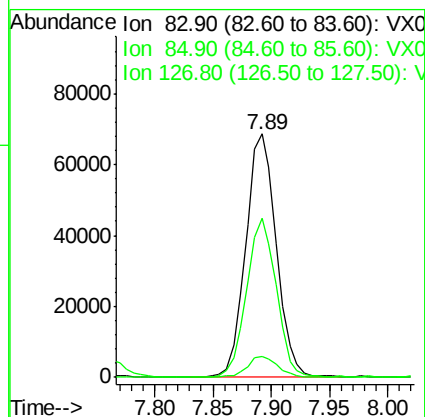
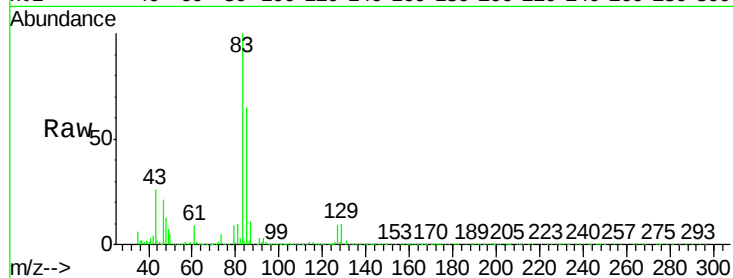
Tgt Ion: 83 Resp: 125425

Ion Ratio Lower Upper

83 100

85 65.4 51.8 77.8

127 8.5 7.0 10.4



#48

Methyl methacrylate

Concen: 18.993 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

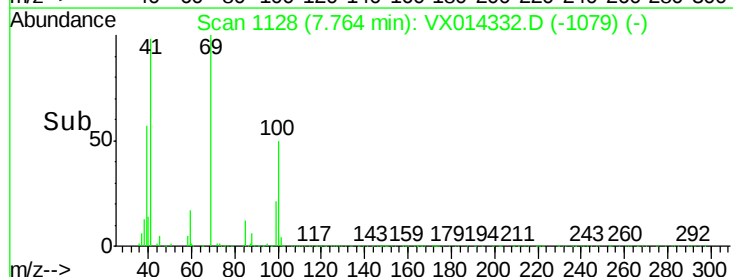
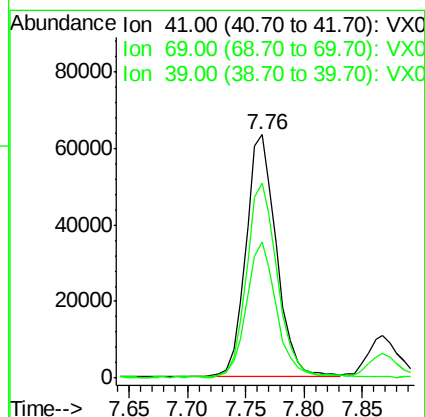
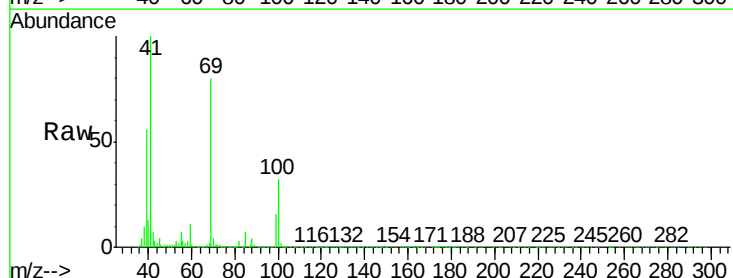
Tgt Ion: 41 Resp: 115784

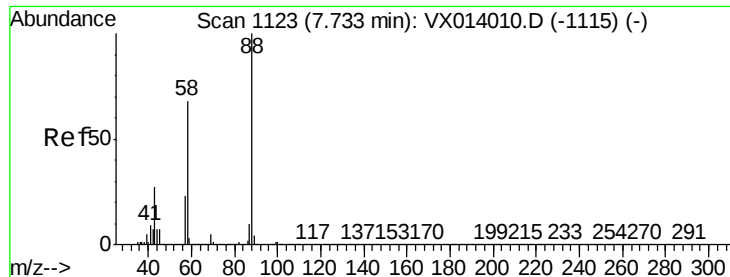
Ion Ratio Lower Upper

41 100

69 81.7 65.8 98.6

39 54.4 44.6 67.0

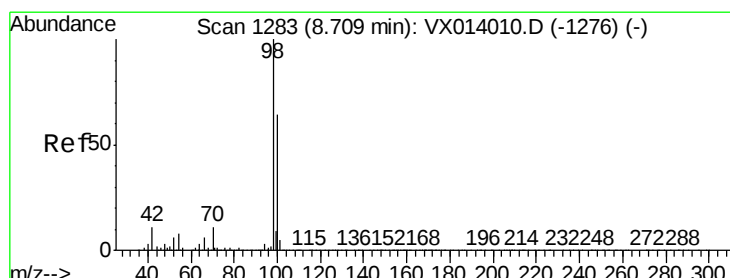
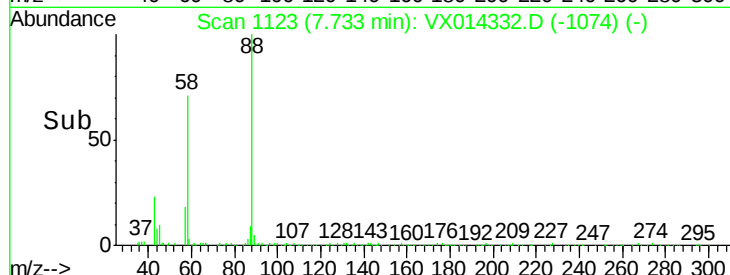
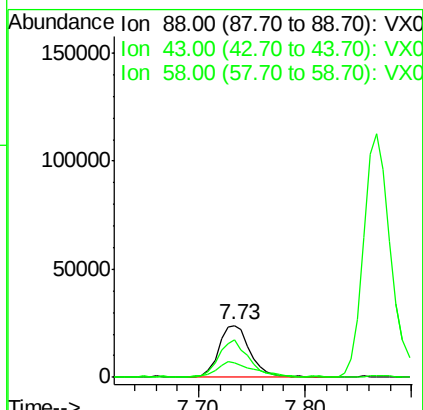
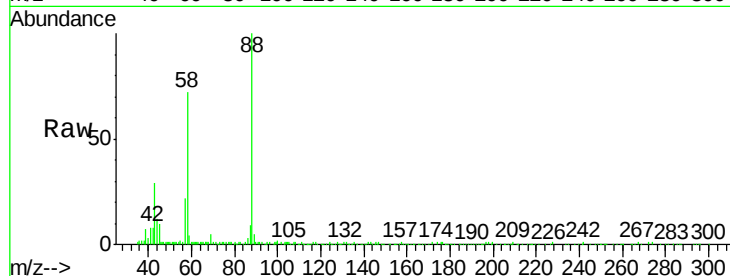




#49
1,4-Dioxane
Concen: 388.140 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

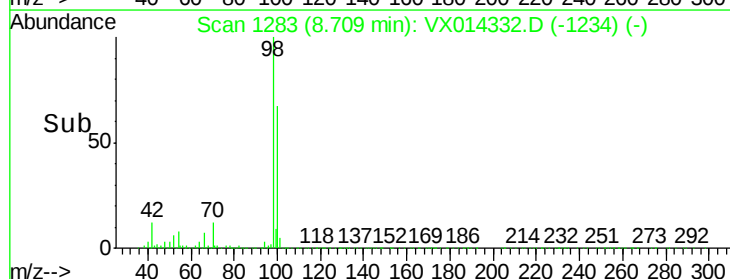
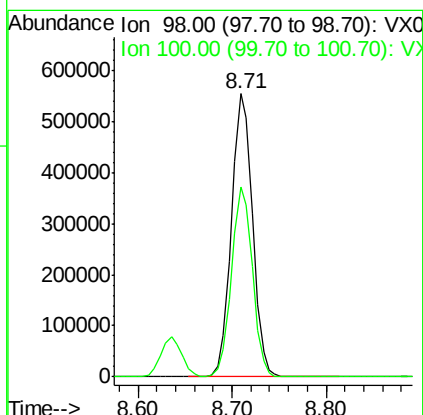
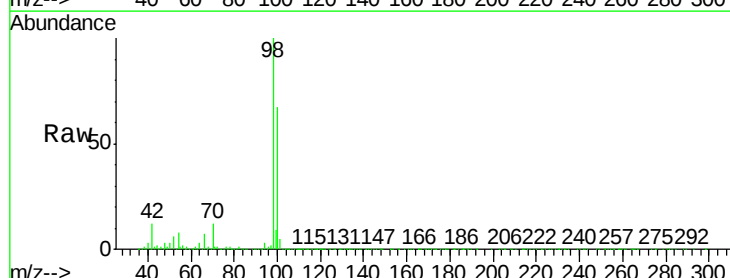
Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS02

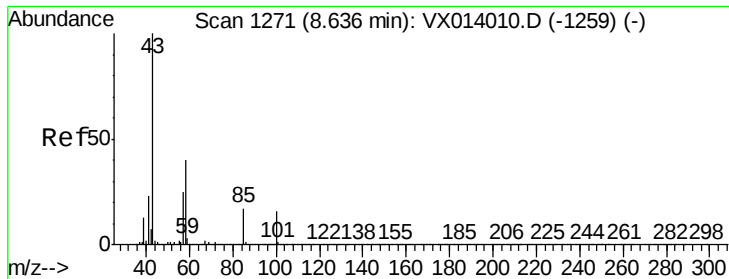
Tgt Ion: 88 Resp: 48152
Ion Ratio Lower Upper
88 100
43 34.9 26.5 39.7
58 70.0 56.8 85.2



#50
Toluene-d8
Concen: 48.852 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Tgt Ion: 98 Resp: 858363
Ion Ratio Lower Upper
98 100
100 66.7 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 98.966 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Instrument :

MSVOA_X

ClientSampleId :

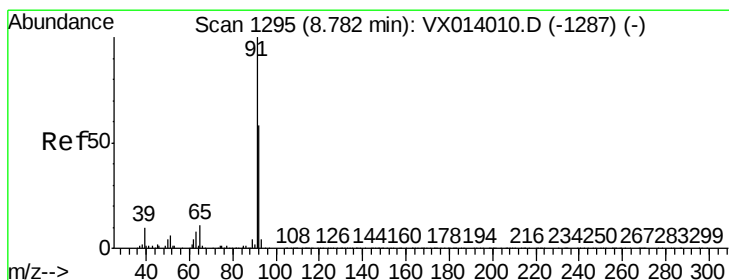
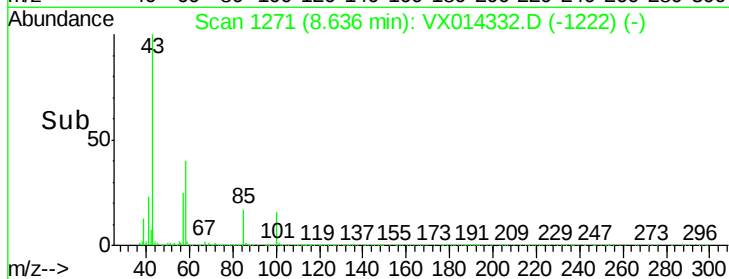
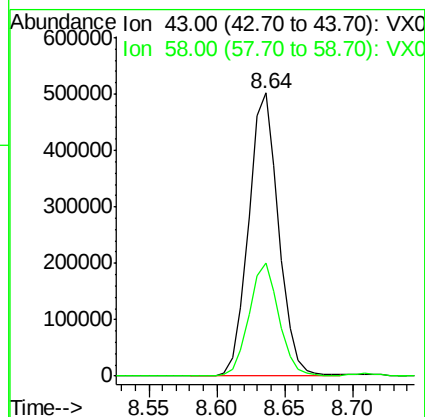
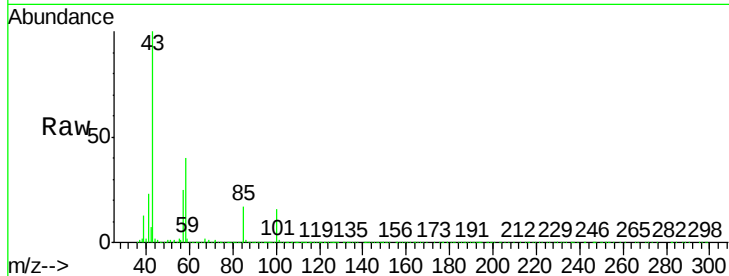
VX1227WBS02

Tgt Ion: 43 Resp: 773764

Ion Ratio Lower Upper

43 100

58 39.9 32.2 48.2



#52

Toluene

Concen: 18.107 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014332.D

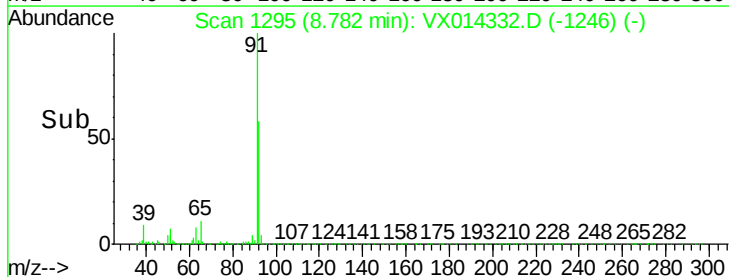
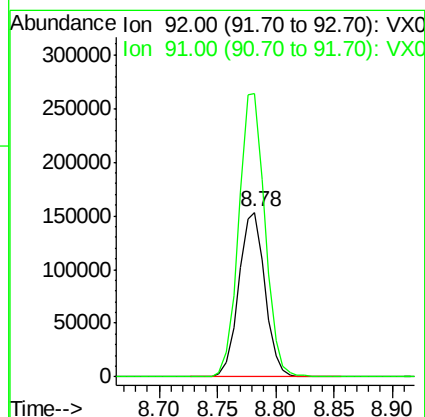
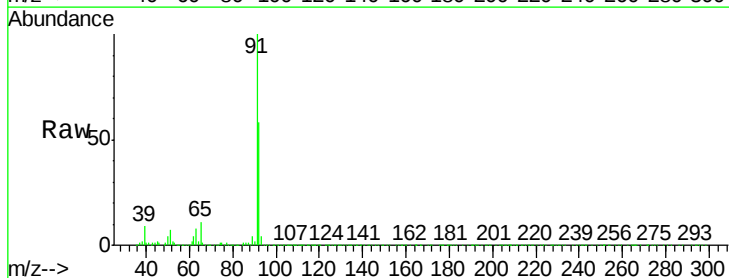
Acq: 28 Dec 2019 01:27

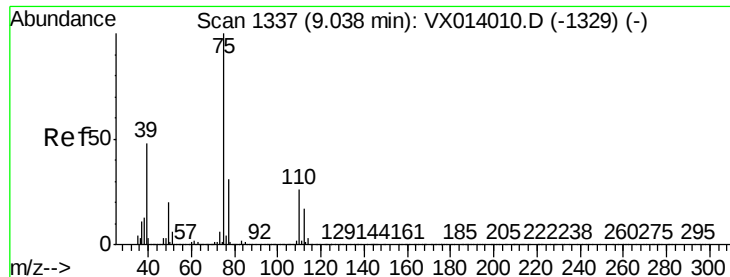
Tgt Ion: 92 Resp: 239884

Ion Ratio Lower Upper

92 100

91 173.1 136.2 204.4

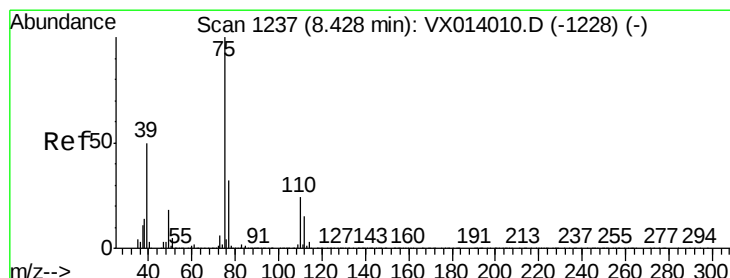
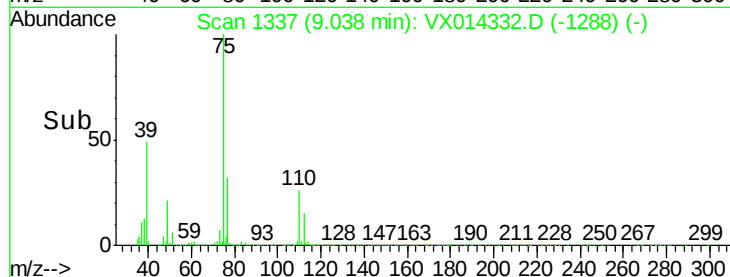
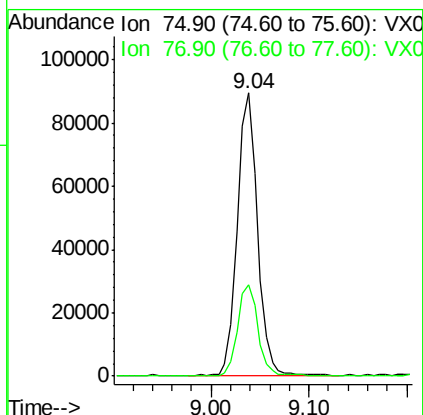
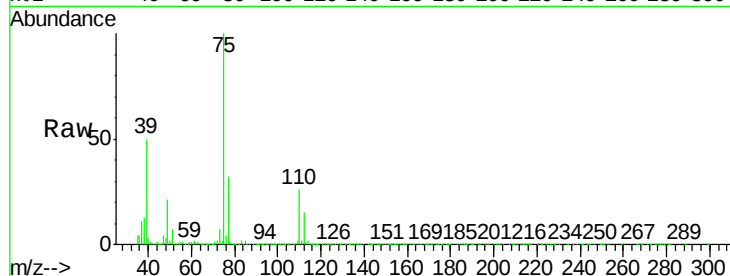




#53
t-1,3-Dichloropropene
Concen: 17.500 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

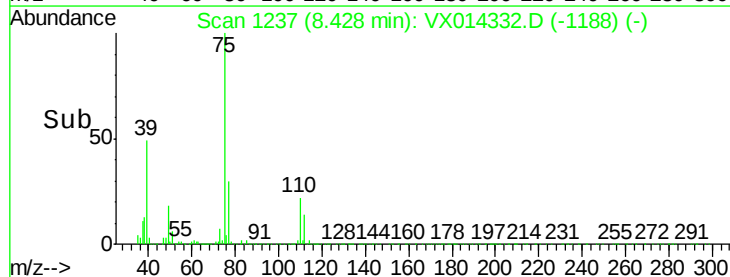
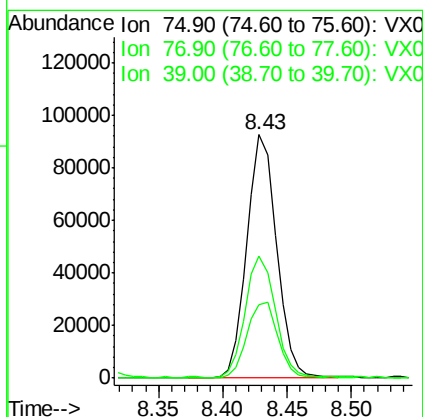
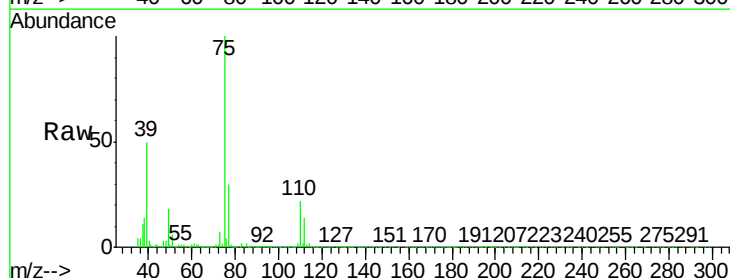
Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS02

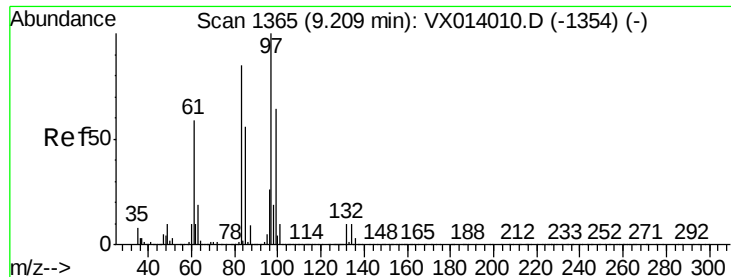
Tgt Ion: 75 Resp: 128361
Ion Ratio Lower Upper
75 100
77 32.1 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 18.140 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Tgt Ion: 75 Resp: 148234
Ion Ratio Lower Upper
75 100
77 29.9 25.3 37.9
39 49.6 39.9 59.9

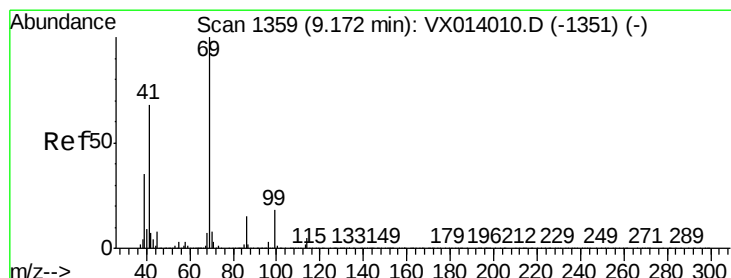
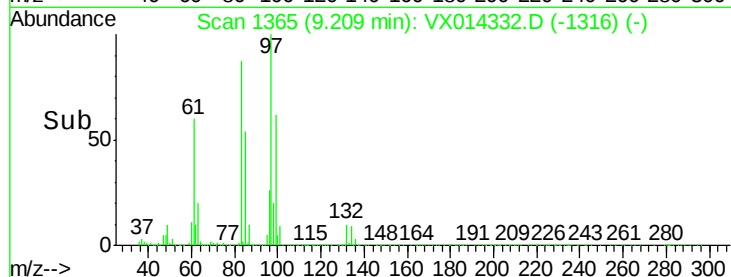
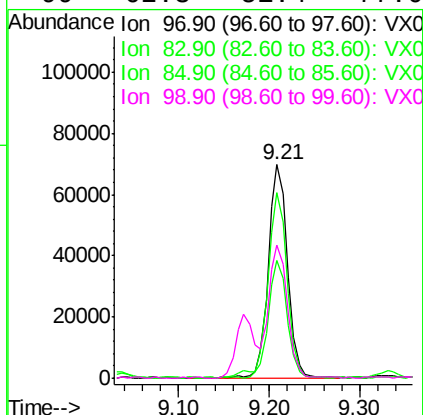
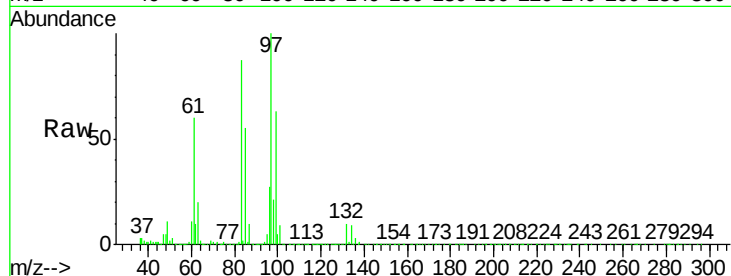




#55
 1,1,2-Trichloroethane
 Concen: 19.313 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014332.D
 Acq: 28 Dec 2019 01:27

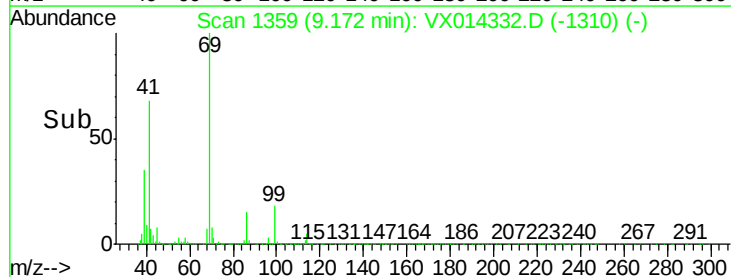
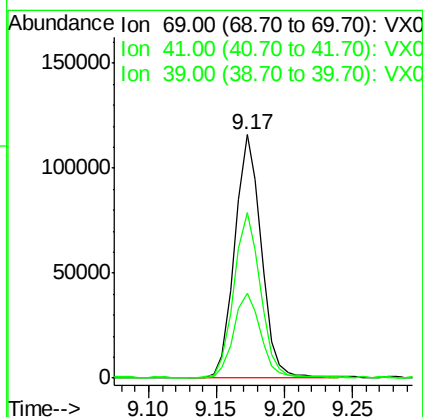
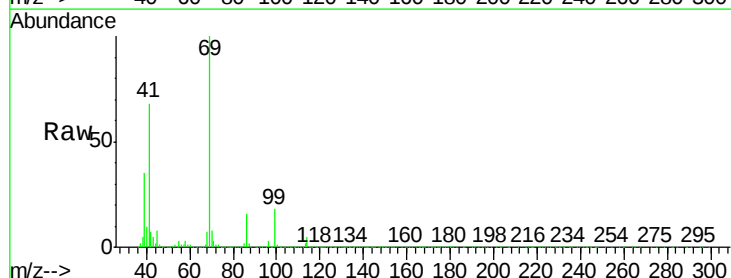
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1227WBS02

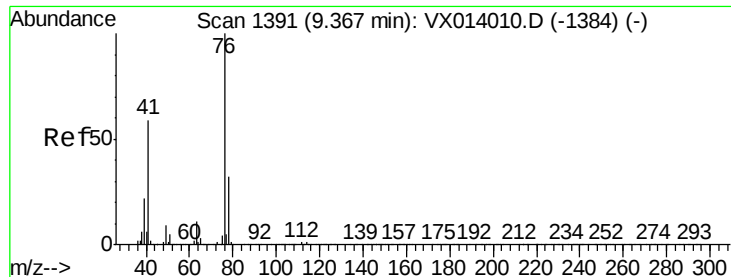
Tgt Ion:	97	Resp:	102547
Ion	Ratio	Lower	Upper
97	100		
83	86.7	68.2	102.4
85	54.5	44.6	66.8
99	62.3	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 18.859 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014332.D
 Acq: 28 Dec 2019 01:27

Tgt Ion:	69	Resp:	157302
Ion	Ratio	Lower	Upper
69	100		
41	68.4	54.8	82.2
39	35.5	28.3	42.5





#57

1,3-Dichloropropane

Concen: 19.308 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Instrument :

MSVOA_X

ClientSampled :

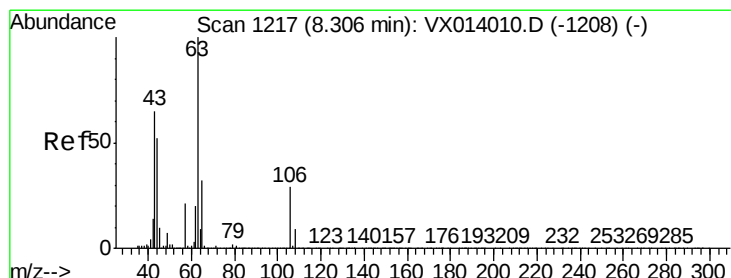
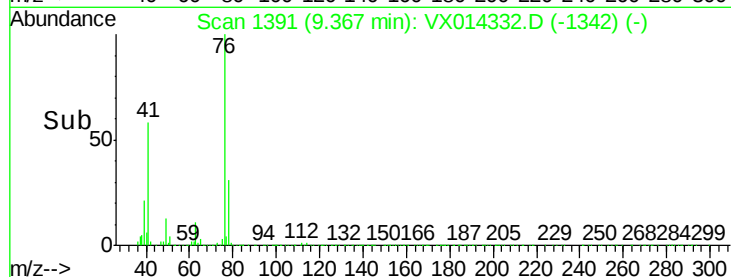
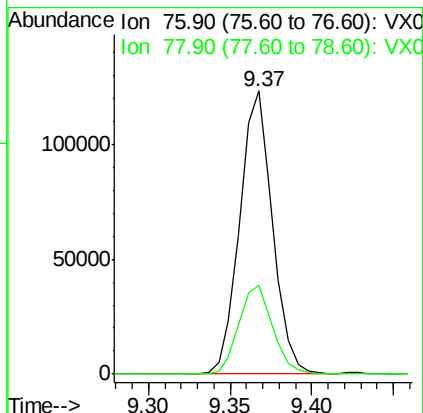
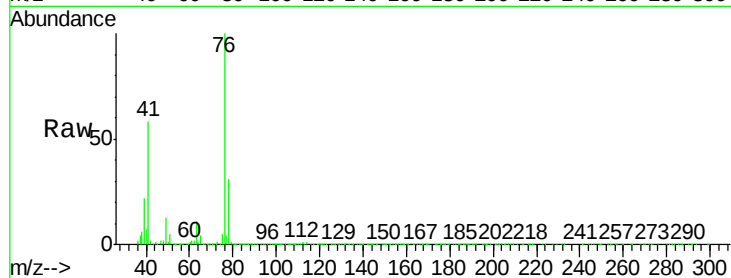
VX1227WBS02

Tgt Ion: 76 Resp: 172491

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 97.977 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014332.D

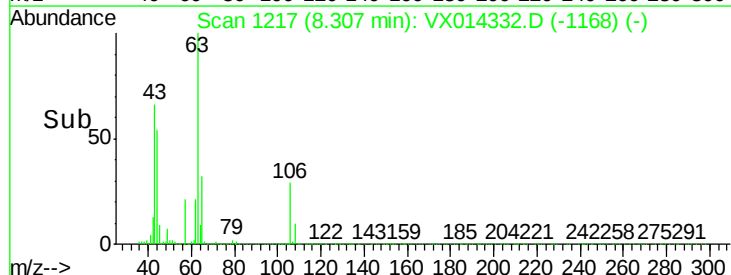
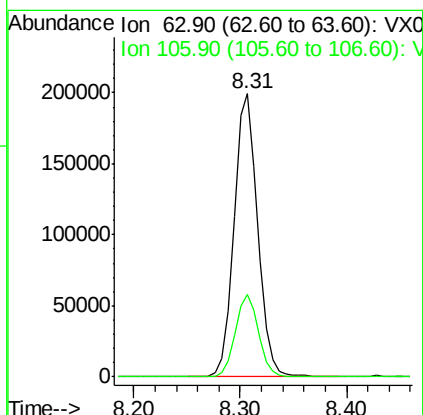
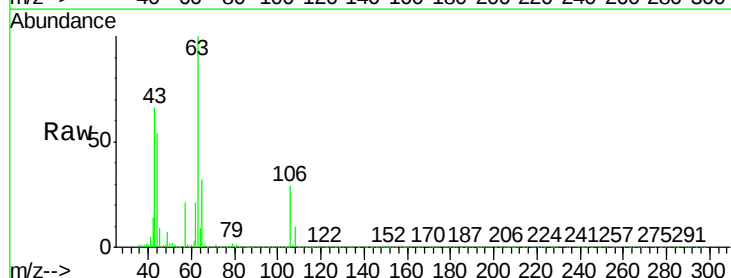
Acq: 28 Dec 2019 01:27

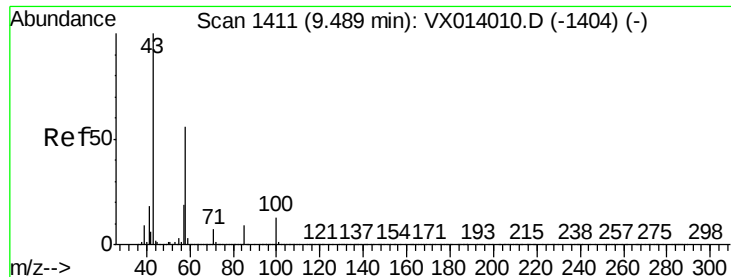
Tgt Ion: 63 Resp: 309260

Ion Ratio Lower Upper

63 100

106 28.6 23.0 34.6

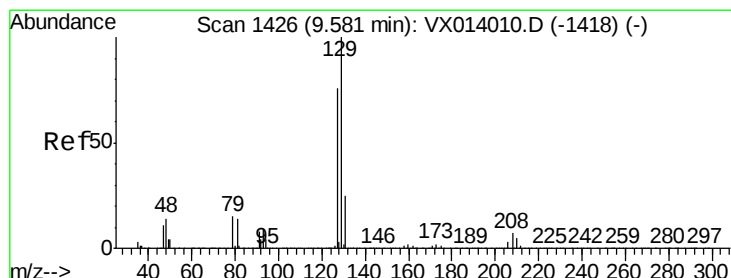
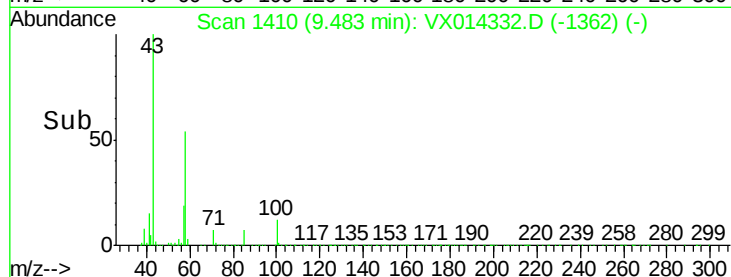
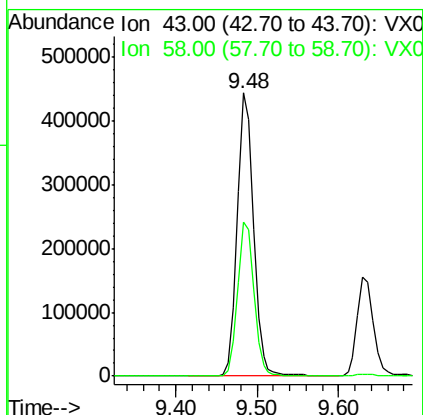
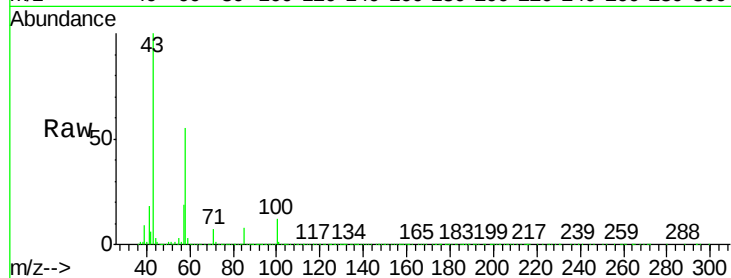




#59
2-Hexanone
Concen: 96.351 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

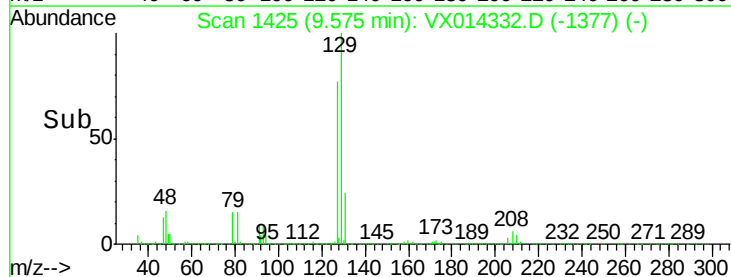
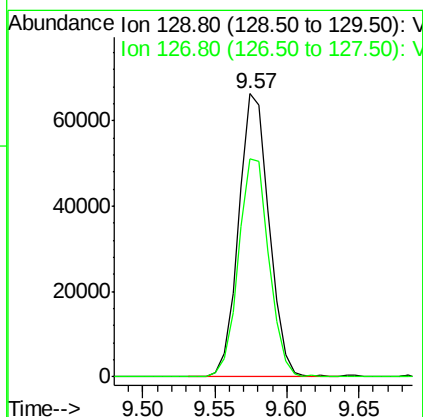
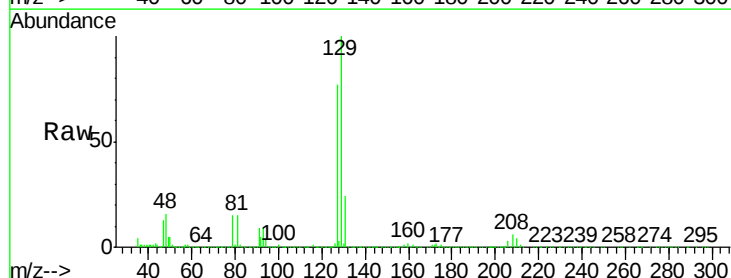
Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS02

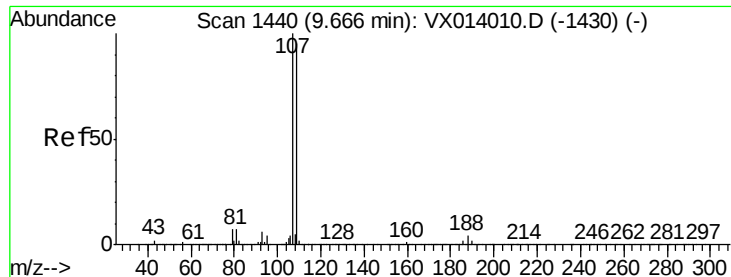
Tgt Ion: 43 Resp: 606424
Ion Ratio Lower Upper
43 100
58 55.1 28.0 84.0



#60
Dibromochloromethane
Concen: 18.292 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Tgt Ion: 129 Resp: 96544
Ion Ratio Lower Upper
129 100
127 77.8 38.4 115.2





#61

1,2-Dibromoethane

Concen: 19.217 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Instrument :

MSVOA_X

ClientSampleId :

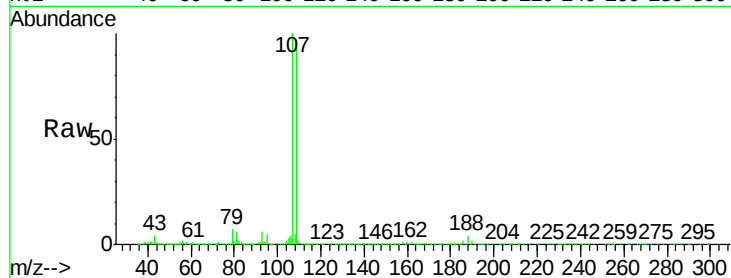
VX1227WBS02

Tgt Ion: 107 Resp: 104401

Ion Ratio Lower Upper

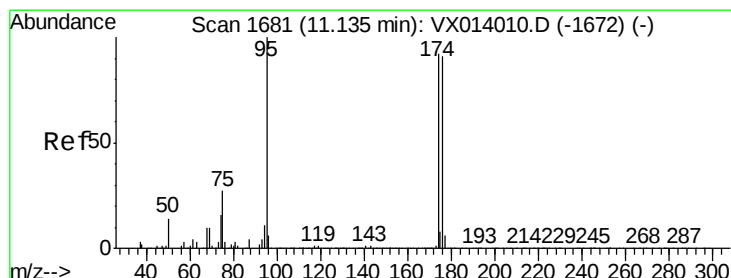
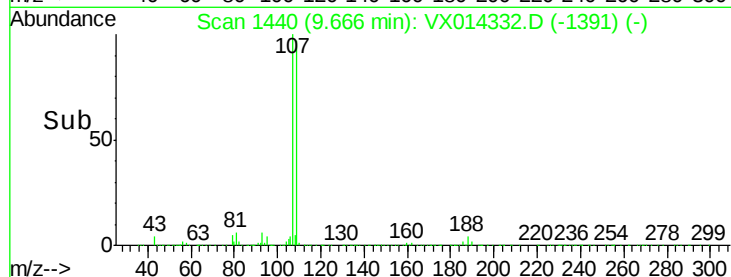
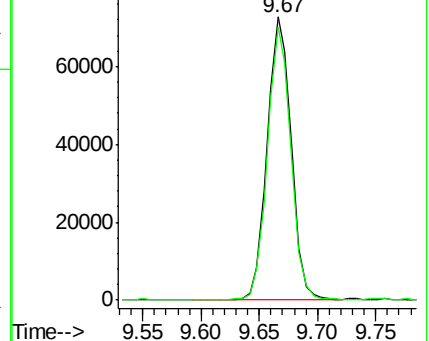
107 100

109 95.0 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: 47.237 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

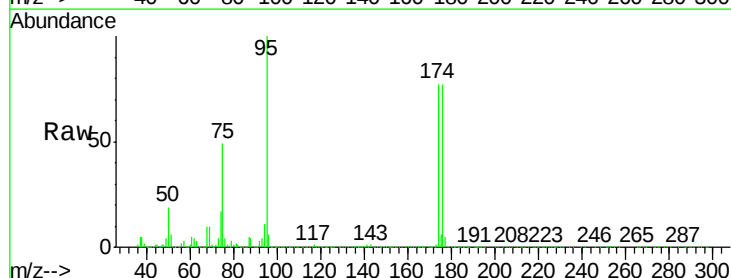
Tgt Ion: 95 Resp: 303395

Ion Ratio Lower Upper

95 100

174 86.4 0.0 175.8

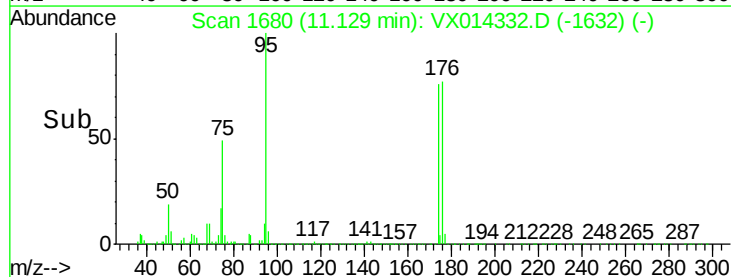
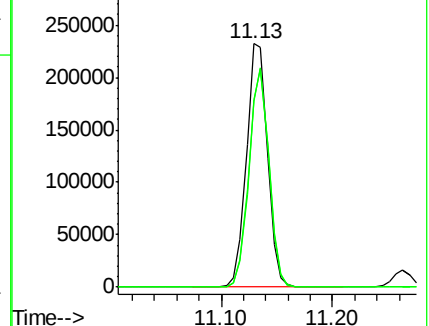
176 84.9 0.0 173.0

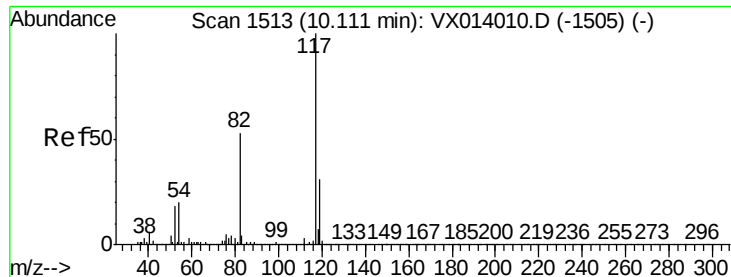


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

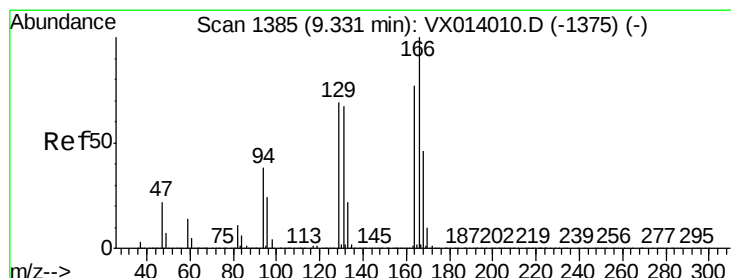
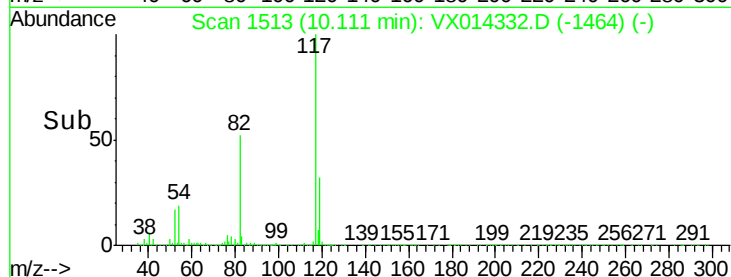
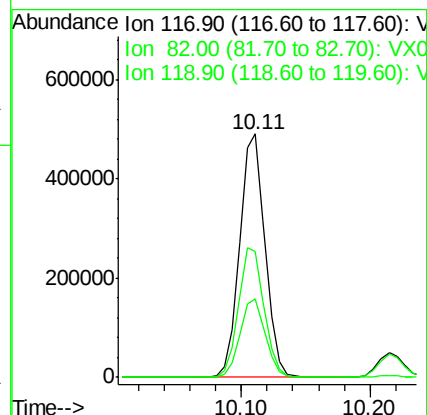
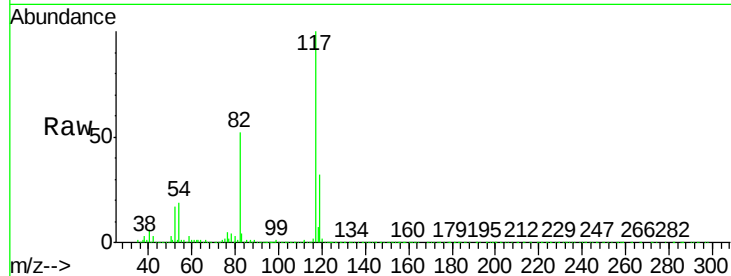




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

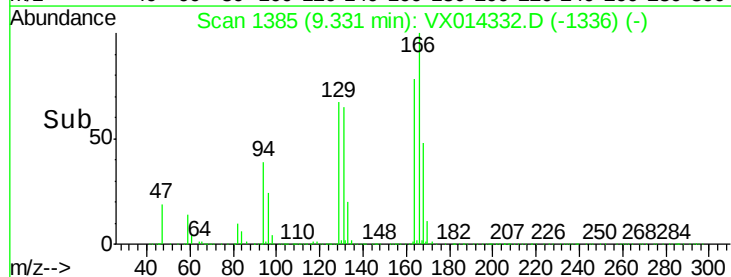
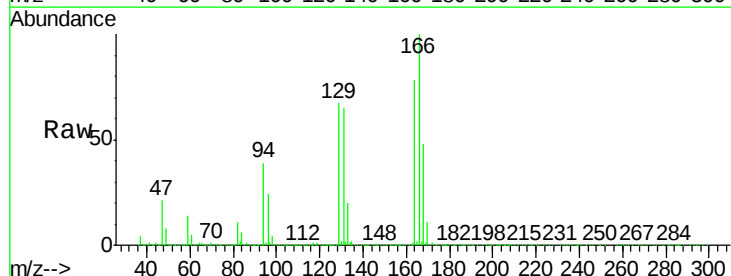
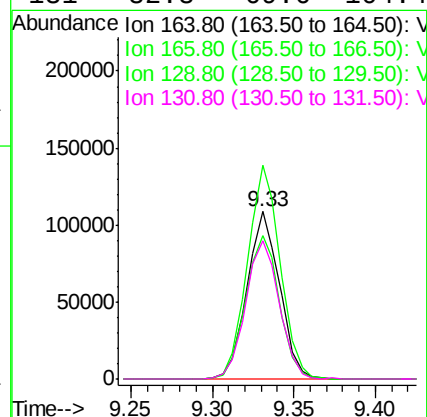
Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS02

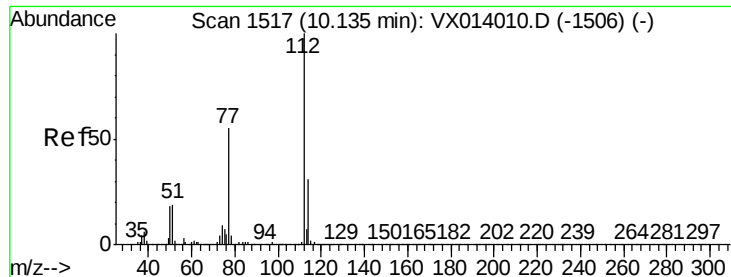
Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.8	42.2	63.4
119	32.1	25.1	37.7



#64
Tetrachloroethene
Concen: 25.526 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.6	104.0	156.0
129	85.3	72.2	108.4
131	82.8	69.6	104.4





#65

Chlorobenzene

Concen: 18.373 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Instrument :

MSVOA_X

ClientSampleId :

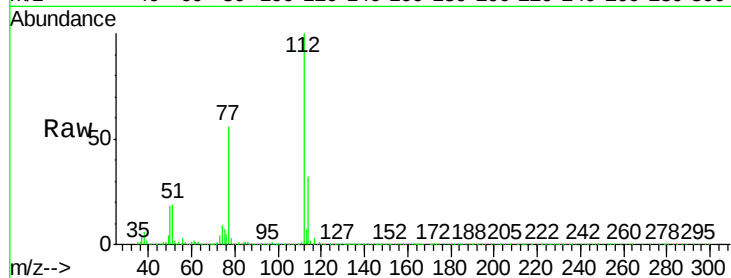
VX1227WBS02

Tgt Ion:112 Resp: 261216

Ion Ratio Lower Upper

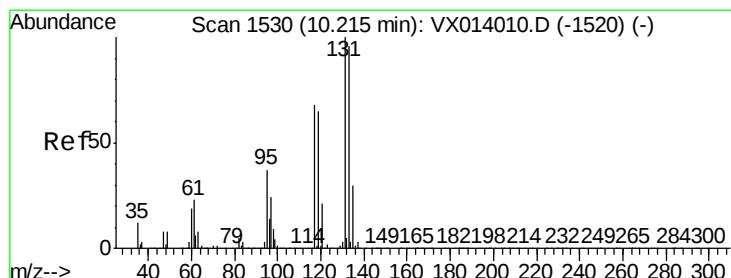
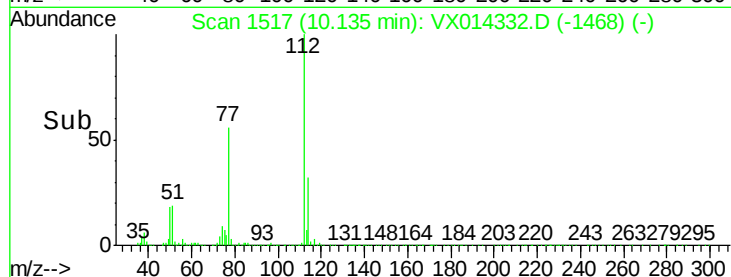
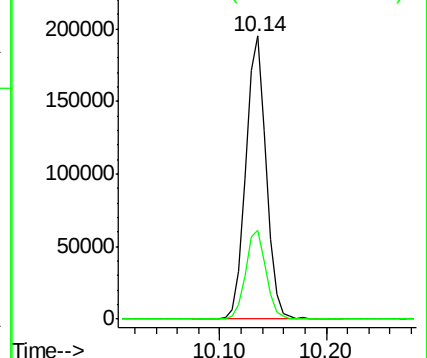
112 100

114 31.5 24.9 37.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.929 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

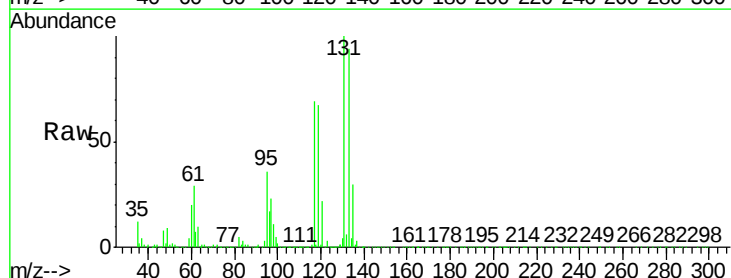
Tgt Ion:131 Resp: 96092

Ion Ratio Lower Upper

131 100

133 93.5 48.0 144.0

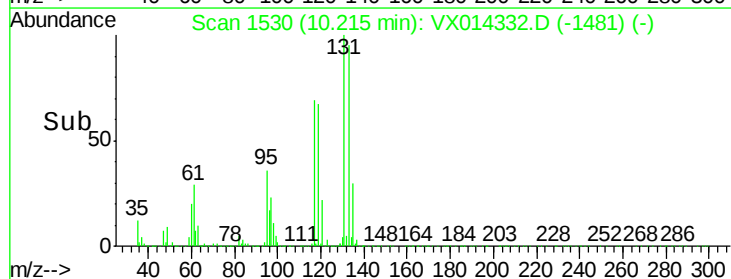
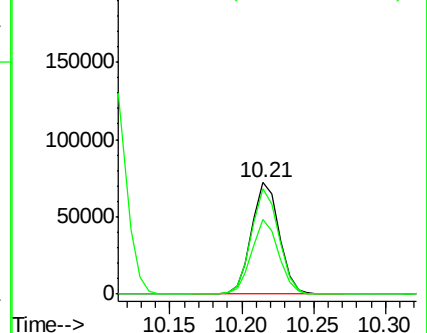
119 65.9 33.4 100.2

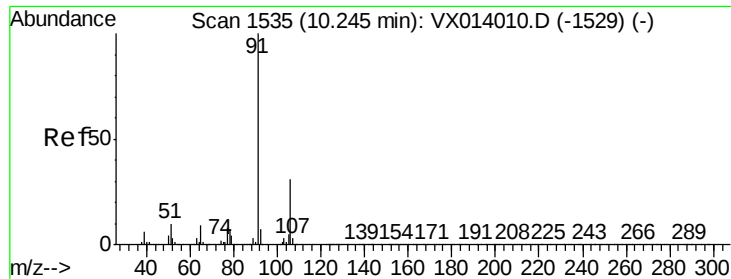


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.447 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Instrument :

MSVOA_X

ClientSampleId :

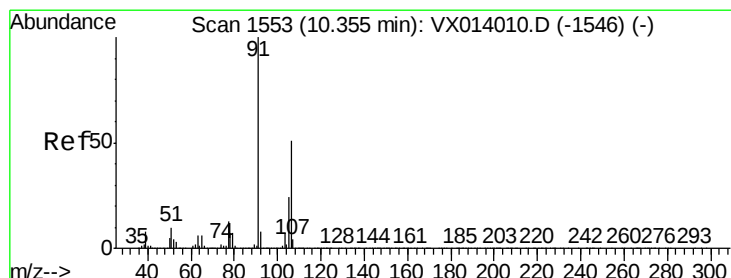
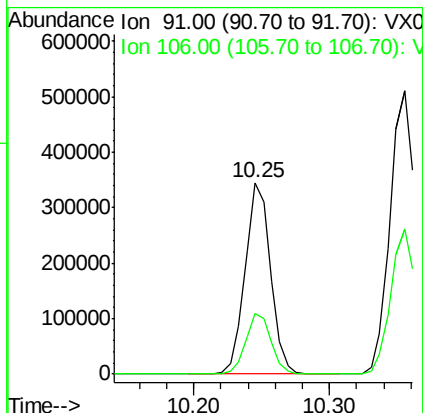
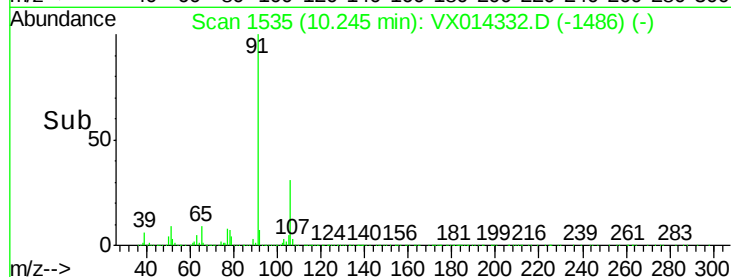
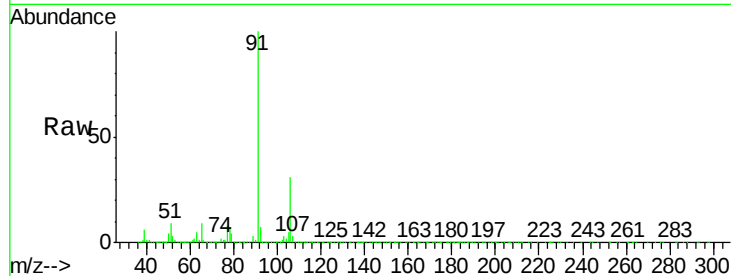
VX1227WBS02

Tgt Ion: 91 Resp: 450898

Ion Ratio Lower Upper

91 100

106 31.3 25.0 37.6



#68

m/p-Xylenes

Concen: 36.487 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014332.D

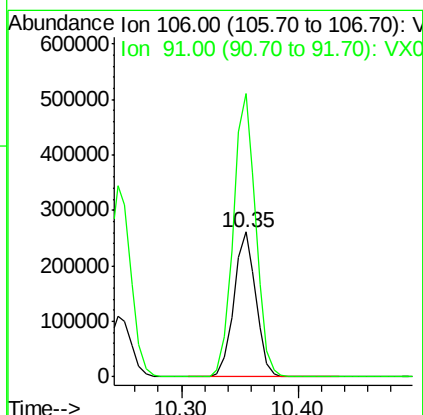
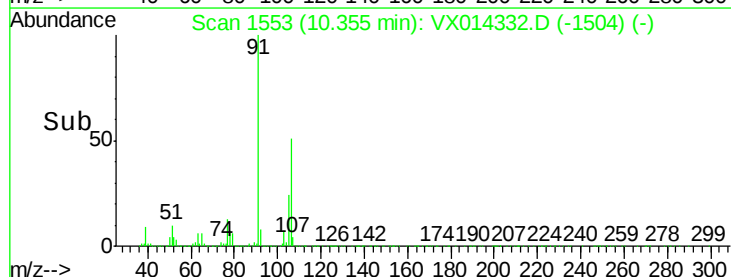
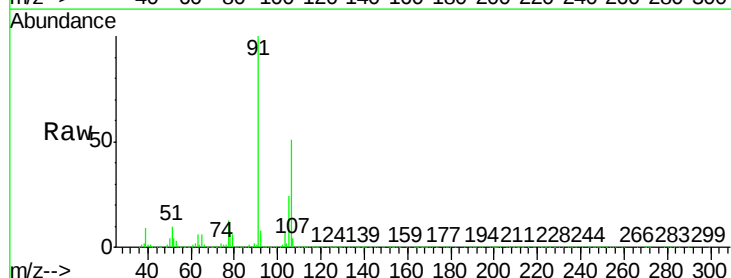
Acq: 28 Dec 2019 01:27

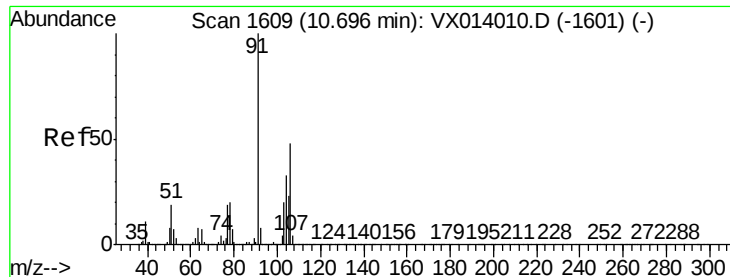
Tgt Ion: 106 Resp: 343012

Ion Ratio Lower Upper

106 100

91 199.3 158.6 238.0

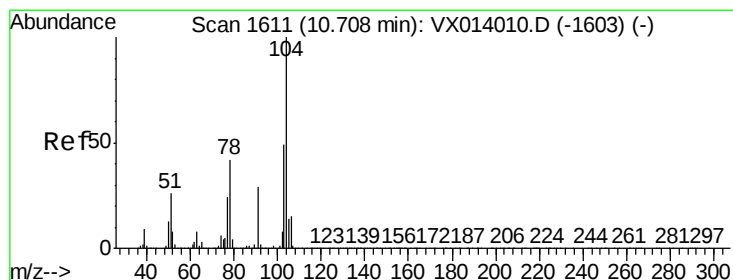
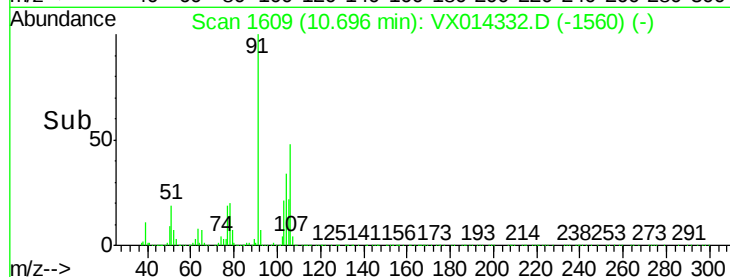
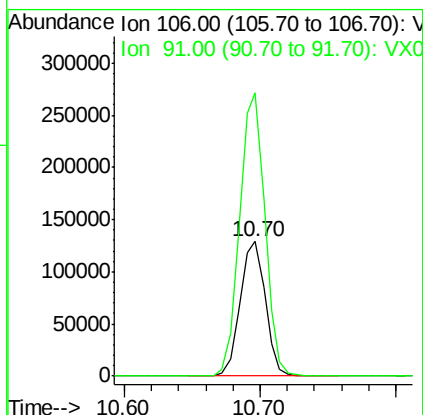
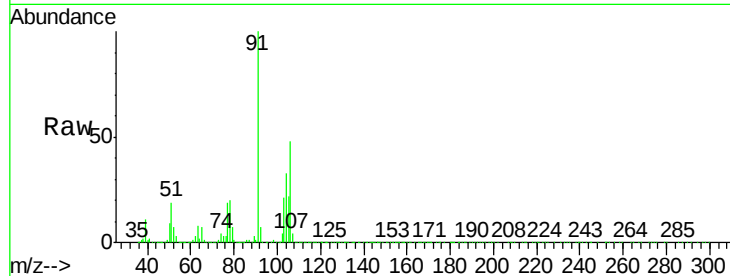




#69
o-Xylene
Concen: 18.077 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

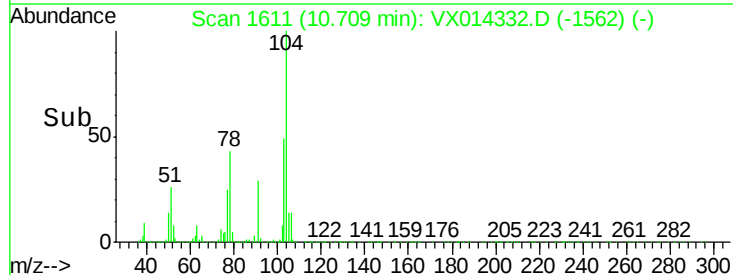
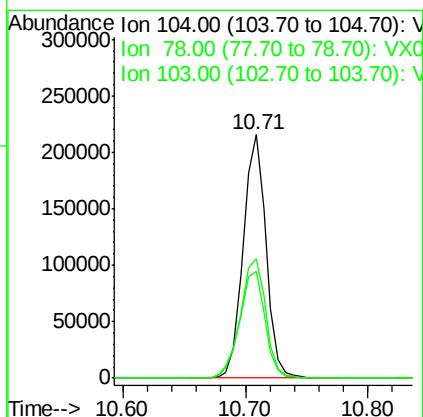
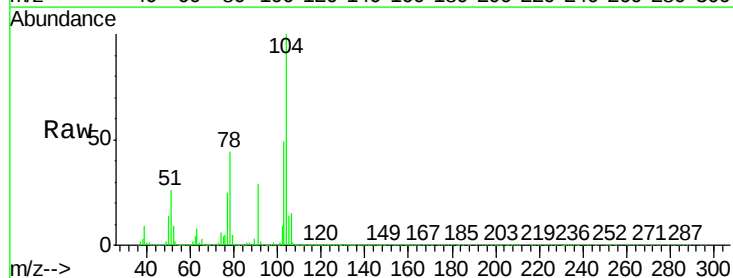
Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS02

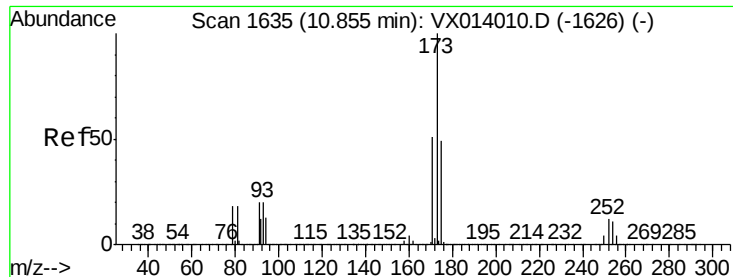
Tgt Ion:106 Resp: 166668
Ion Ratio Lower Upper
106 100
91 210.0 104.2 312.6



#70
Styrene
Concen: 17.790 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Tgt Ion:104 Resp: 277365
Ion Ratio Lower Upper
104 100
78 49.0 38.5 57.7
103 54.6 42.9 64.3





#71

Bromoform

Concen: 17.767 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBS02

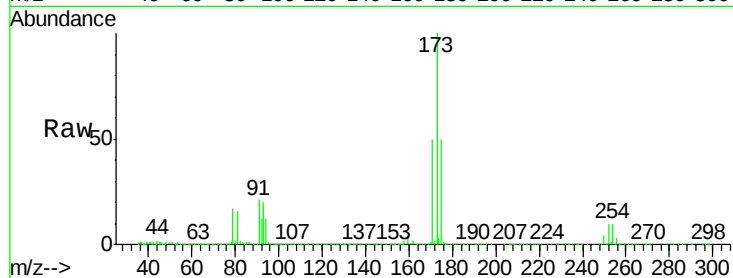
Tgt Ion:173 Resp: 72499

Ion Ratio Lower Upper

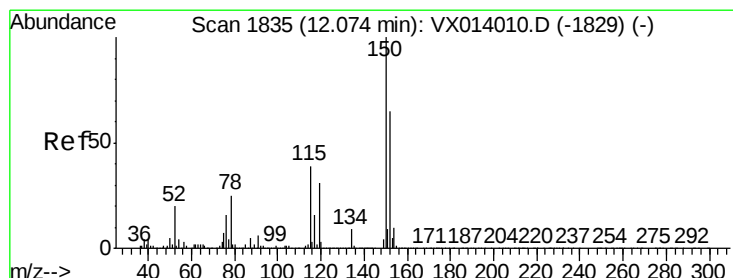
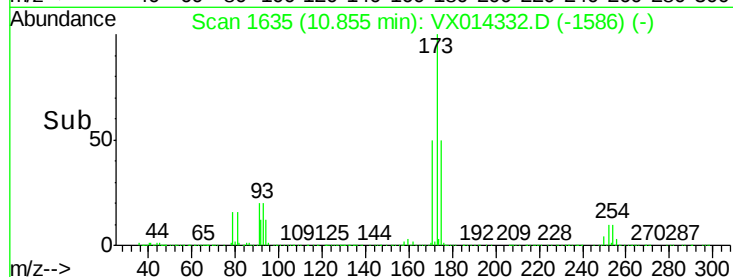
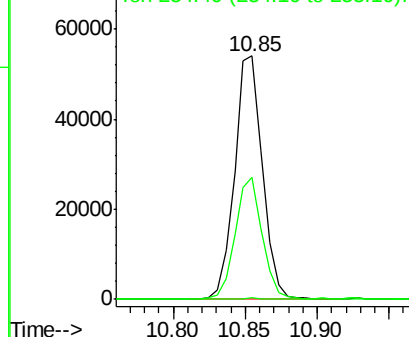
173 100

175 49.8 24.4 73.4

254 0.4 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: VX014332.D

Acq: 28 Dec 2019 01:27

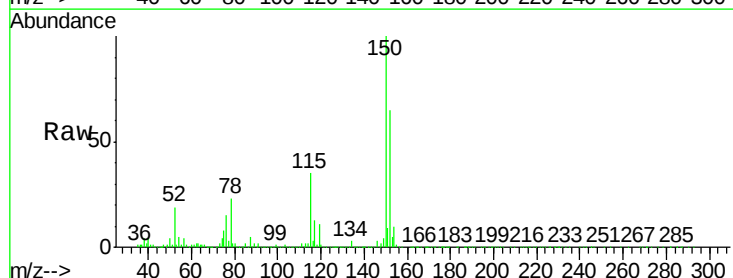
Tgt Ion:152 Resp: 320350

Ion Ratio Lower Upper

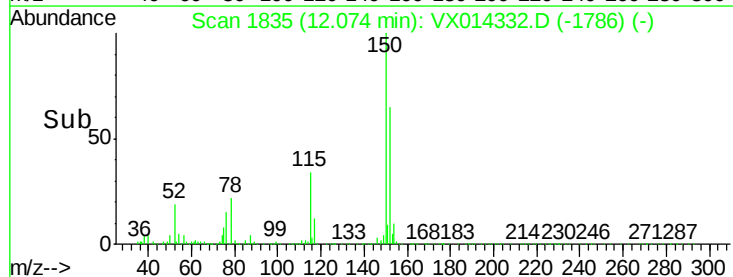
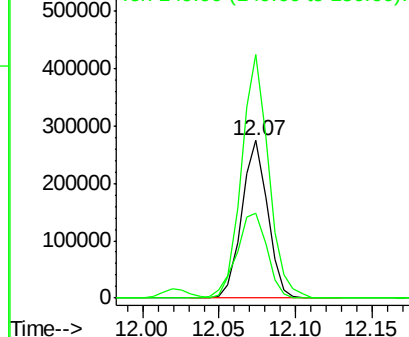
152 100

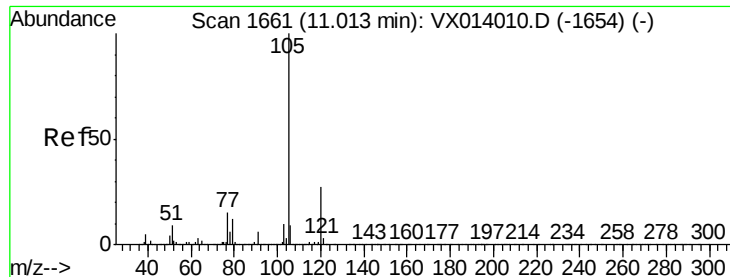
115 64.1 38.3 114.9

150 161.8 0.0 345.4



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





#73

Isopropylbenzene

Concen: 19.829 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Instrument :

MSVOA_X

ClientSampleId :

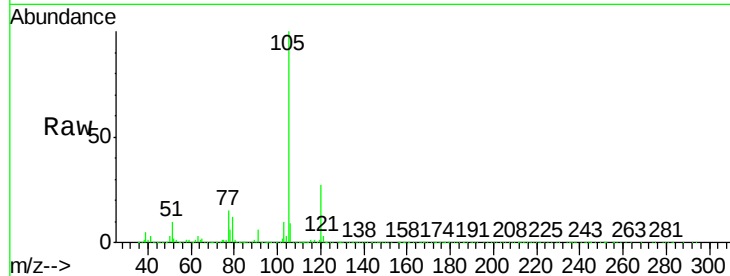
VX1227WBS02

Tgt Ion:105 Resp: 447234

Ion Ratio Lower Upper

105 100

120 26.4 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

400000

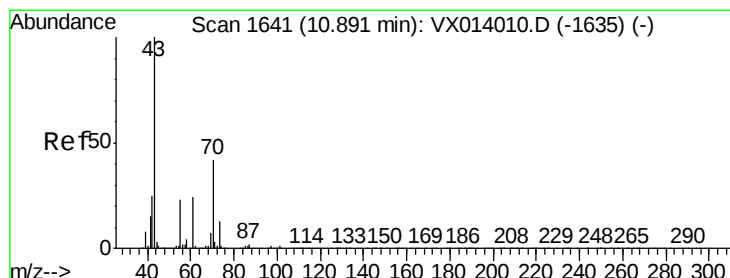
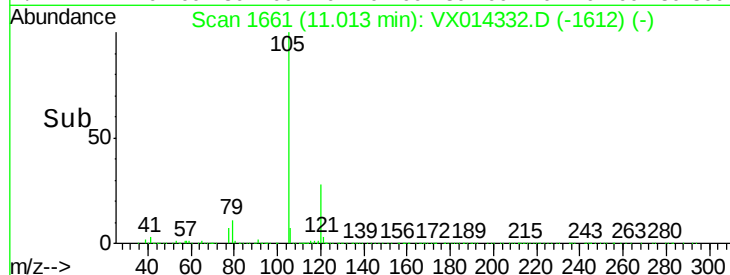
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 18.855 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Tgt Ion: 43 Resp: 199344

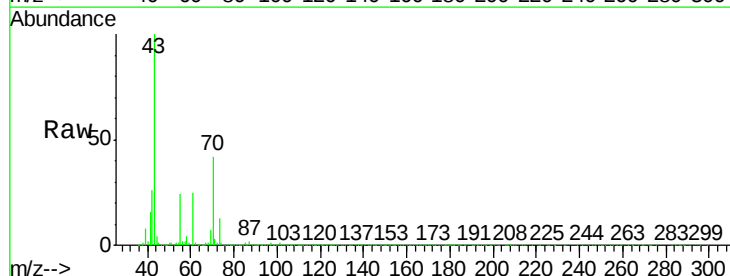
Ion Ratio Lower Upper

43 100

70 42.9 34.4 51.6

55 24.4 19.1 28.7

61 23.7 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.89

250000

200000

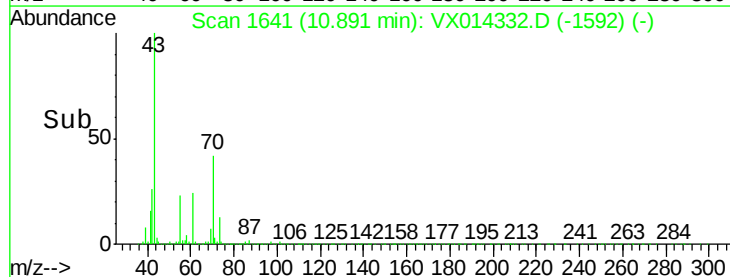
150000

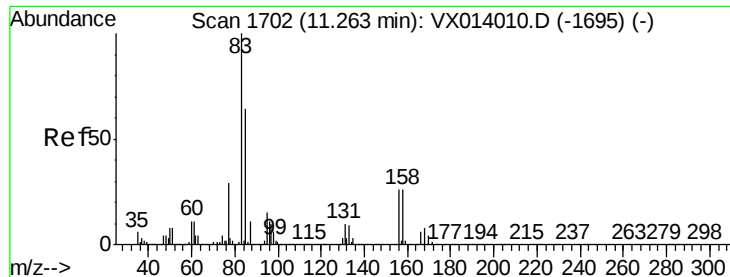
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 16.910 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Instrument :

MSVOA_X

ClientSampled :

VX1227WBS02

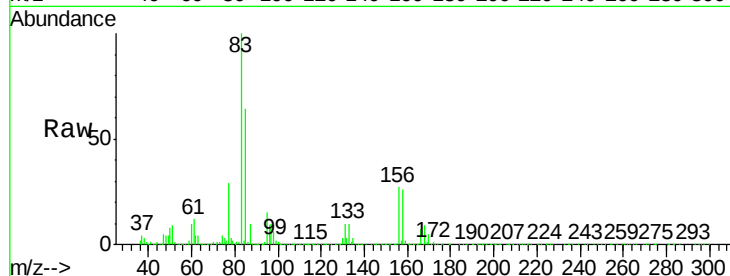
Tgt Ion: 83 Resp: 132231

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.2

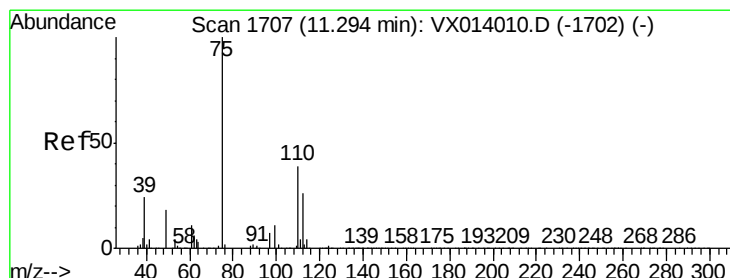
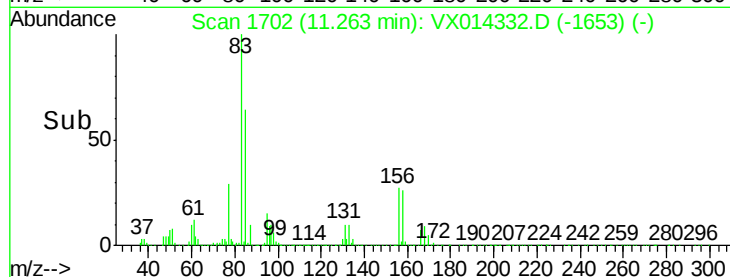
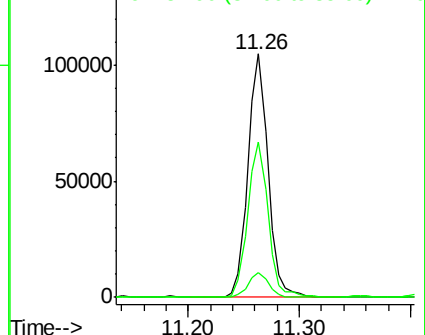
85 64.4 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.156 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX014332.D

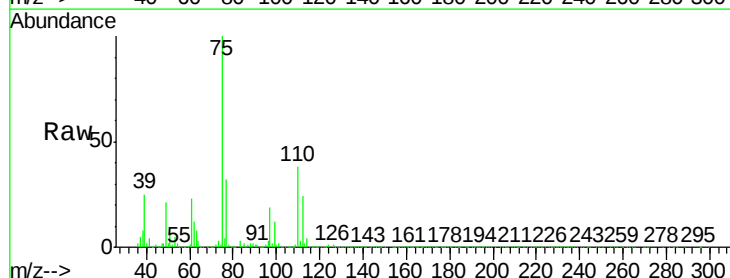
Acq: 28 Dec 2019 01:27

Tgt Ion: 75 Resp: 167999

Ion Ratio Lower Upper

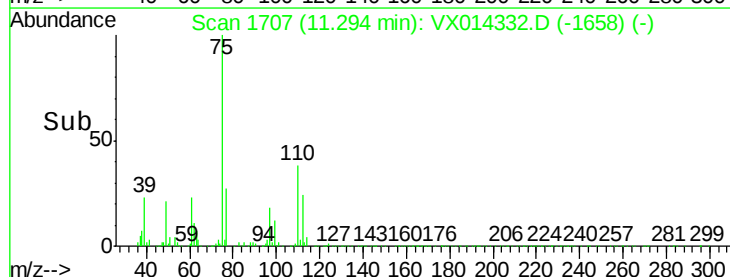
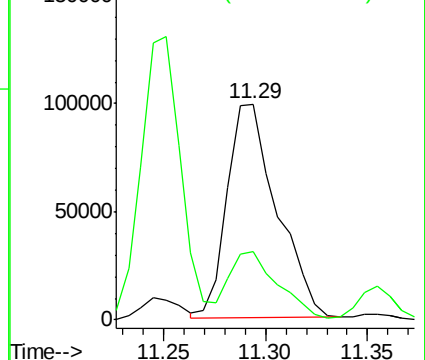
75 100

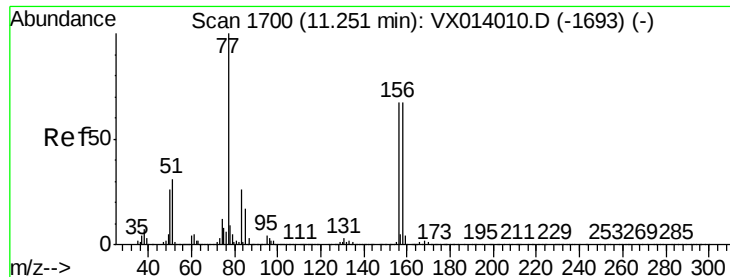
77 30.7 19.3 57.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.846 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBS02

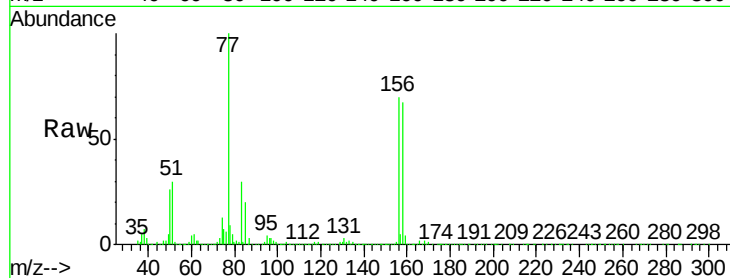
Tgt Ion: 156 Resp: 116954

Ion Ratio Lower Upper

156 100

77 151.8 76.5 229.5

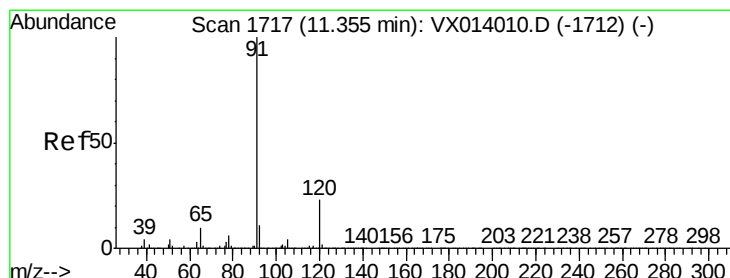
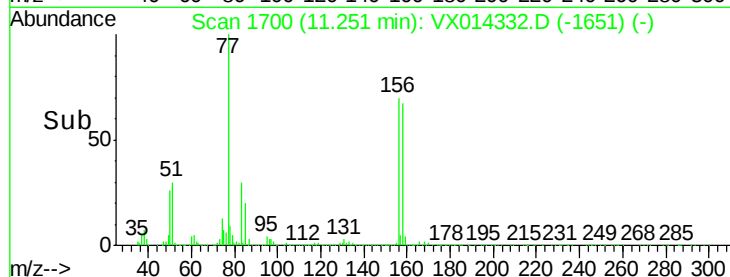
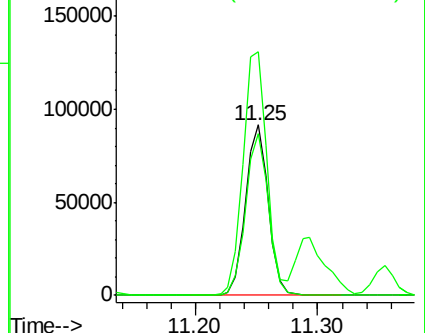
158 95.3 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.287 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014332.D

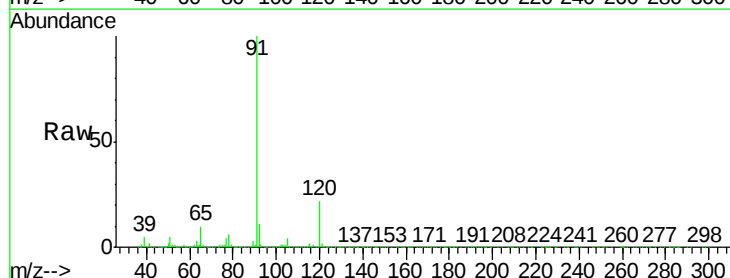
Acq: 28 Dec 2019 01:27

Tgt Ion: 91 Resp: 487958

Ion Ratio Lower Upper

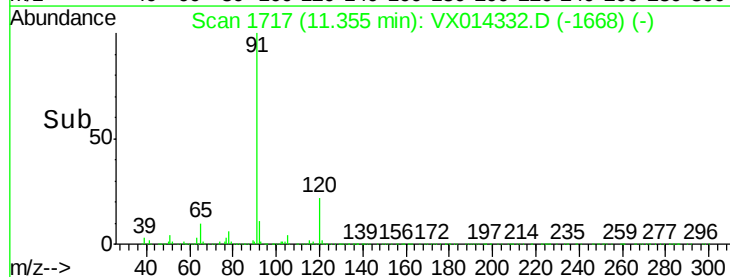
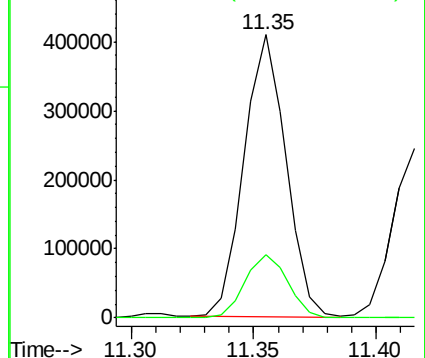
91 100

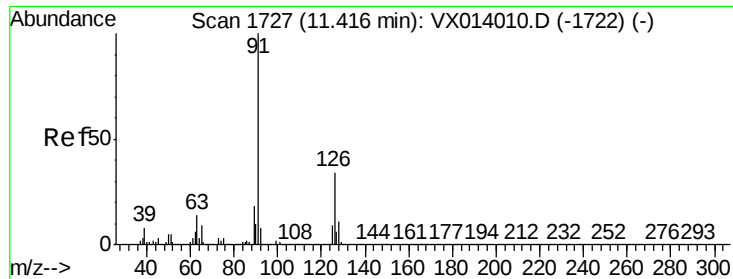
120 23.0 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

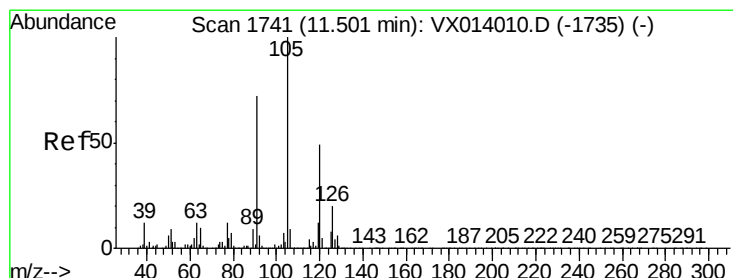
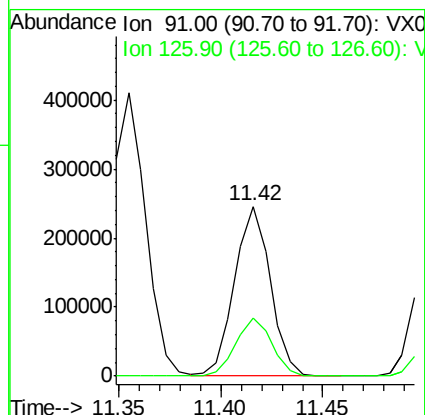
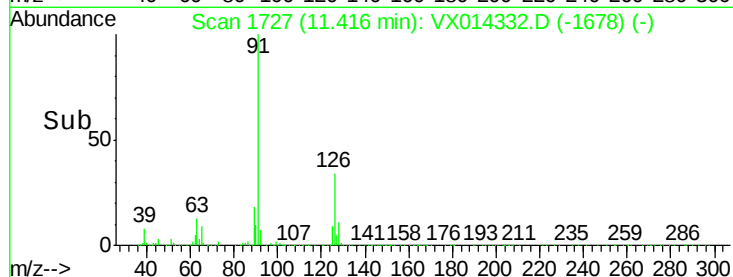
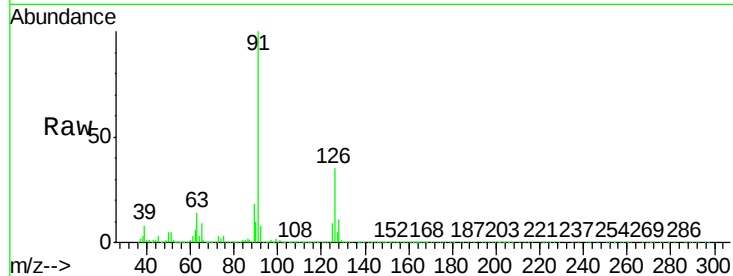




#79
2-Chlorotoluene
Concen: 19.266 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

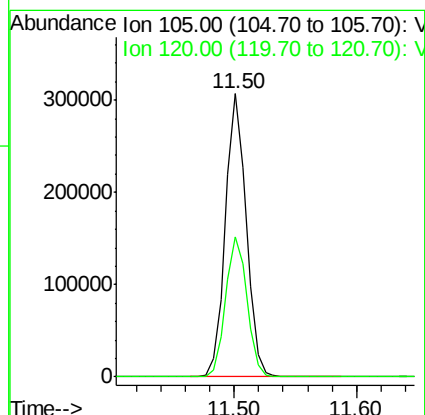
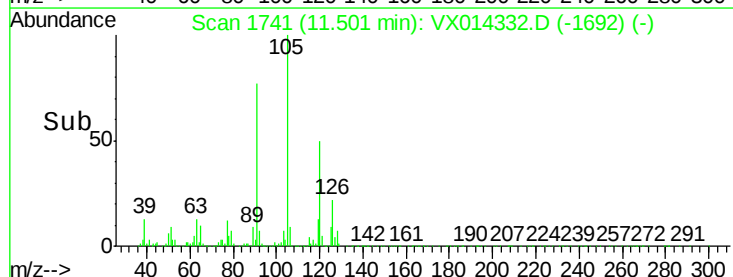
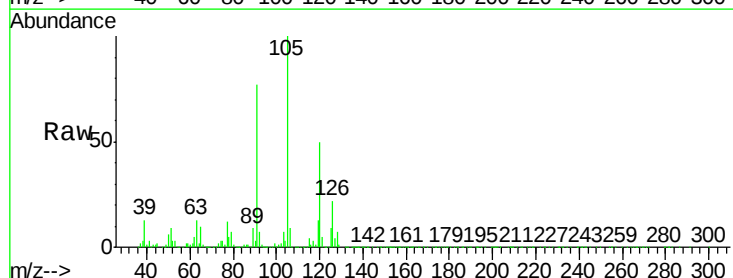
Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS02

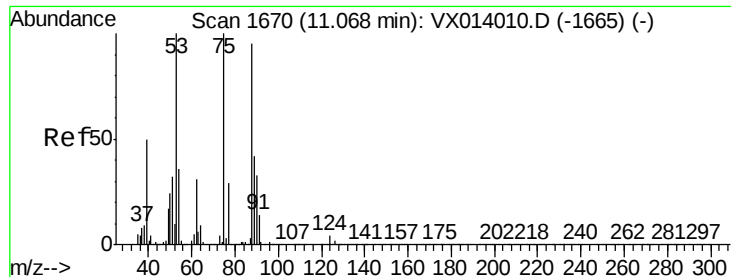
Tgt Ion: 91 Resp: 296291
Ion Ratio Lower Upper
91 100
126 34.7 17.2 51.6



#80
1,3,5-Trimethylbenzene
Concen: 19.079 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Tgt Ion: 105 Resp: 362173
Ion Ratio Lower Upper
105 100
120 51.0 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 16.721 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBS02

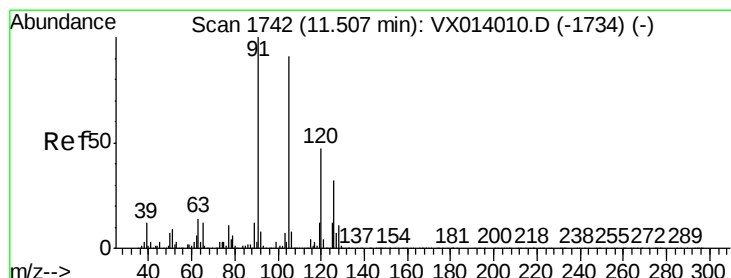
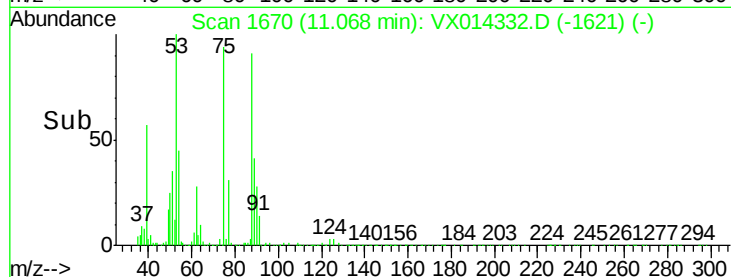
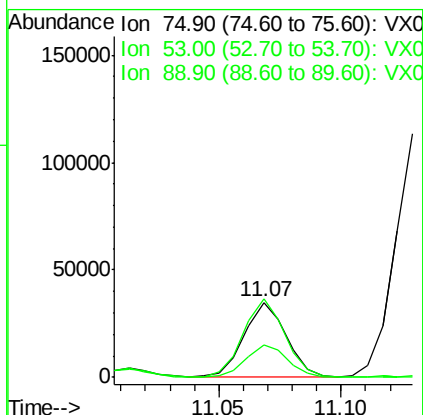
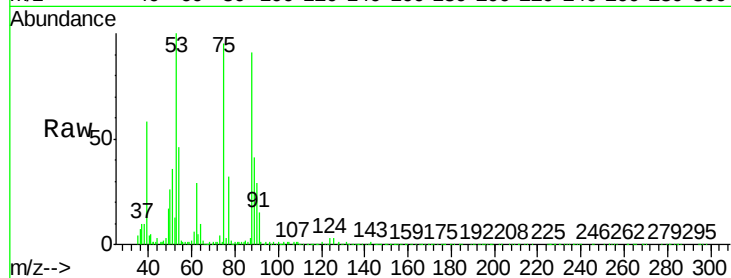
Tgt Ion: 75 Resp: 41200

Ion Ratio Lower Upper

75 100

53 103.7 76.7 115.1

89 44.1 34.6 51.8



#82

4-Chlorotoluene

Concen: 18.839 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014332.D

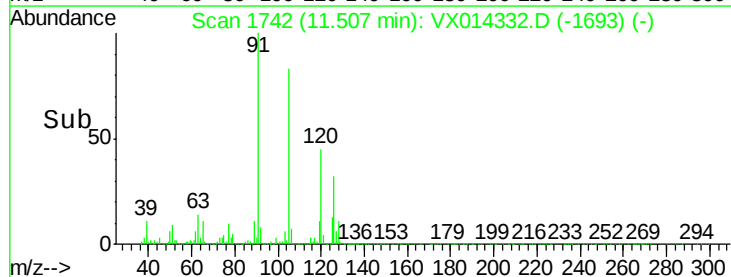
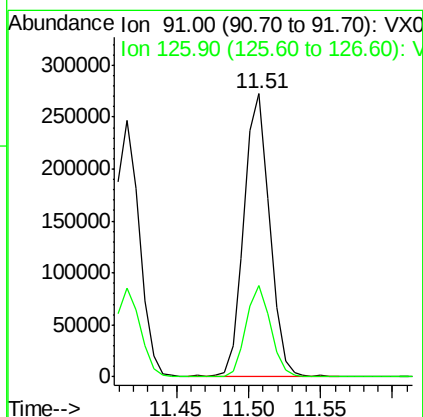
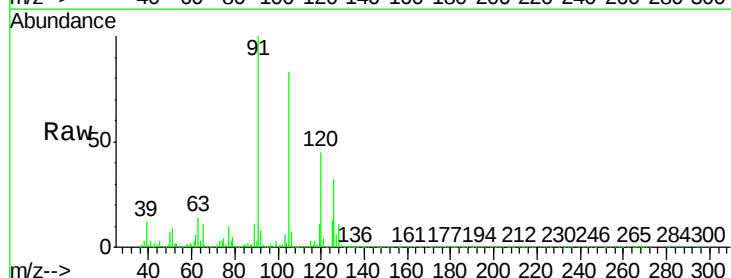
Acq: 28 Dec 2019 01:27

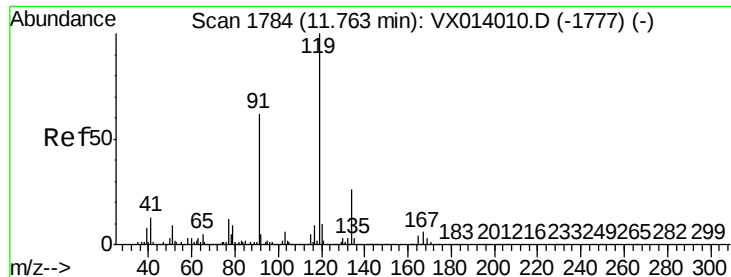
Tgt Ion: 91 Resp: 336073

Ion Ratio Lower Upper

91 100

126 30.7 15.6 46.8

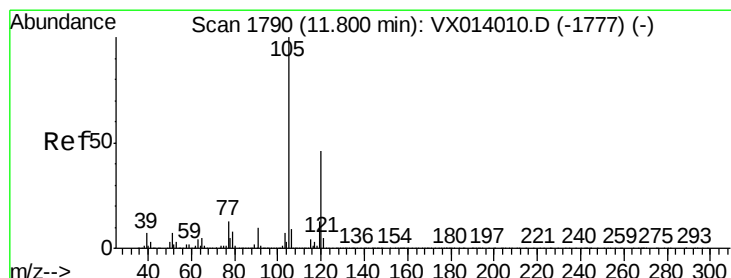
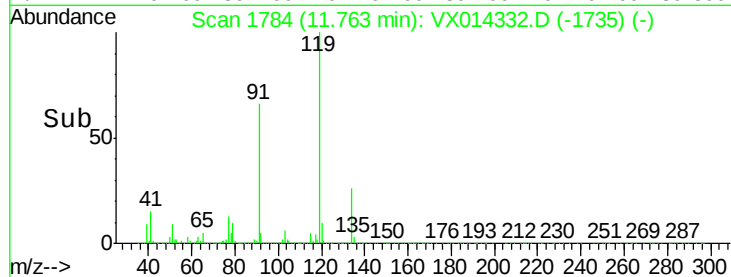
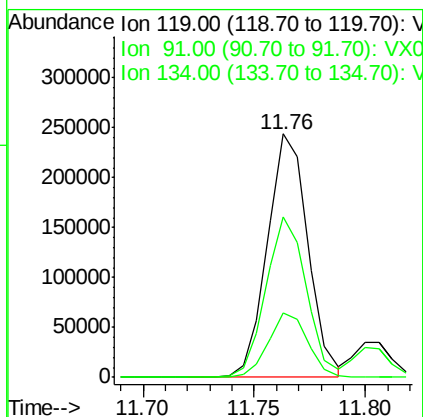
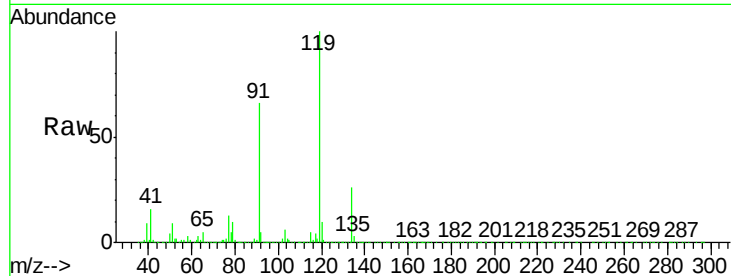




#83
tert-Butylbenzene
Concen: 16.610 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

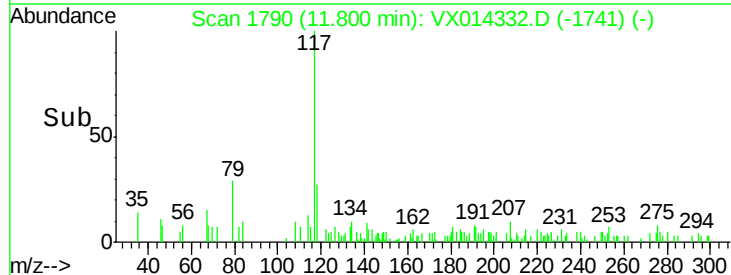
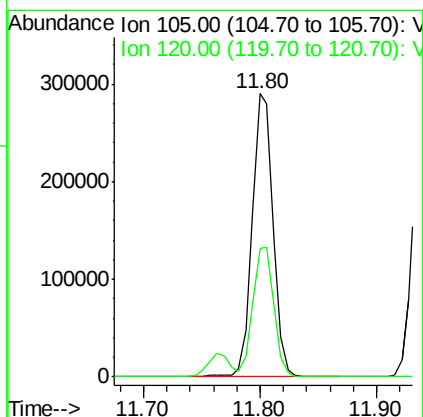
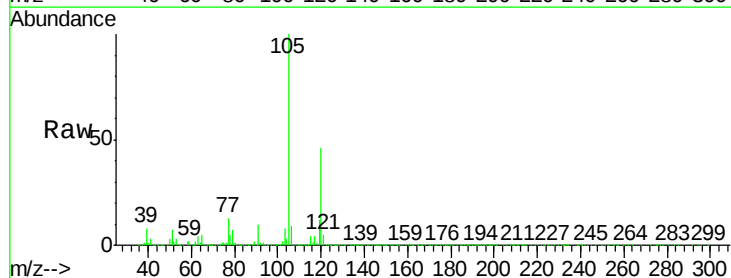
Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS02

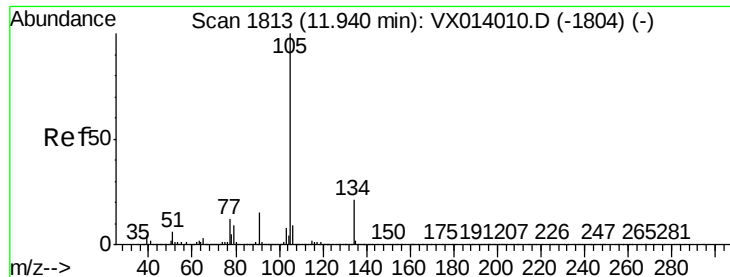
Tgt Ion:119 Resp: 306844
Ion Ratio Lower Upper
119 100
91 65.9 28.5 85.6
134 25.8 12.2 36.6



#84
1,2,4-Trimethylbenzene
Concen: 19.033 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Tgt Ion:105 Resp: 361821
Ion Ratio Lower Upper
105 100
120 46.2 23.1 69.2

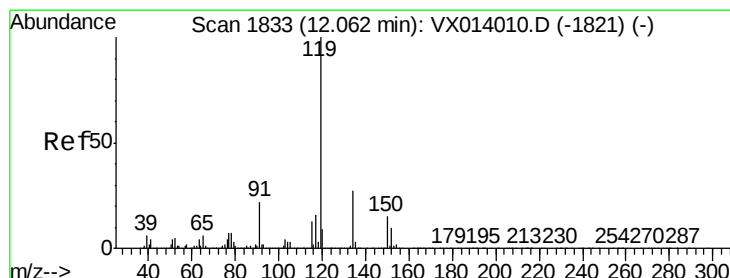
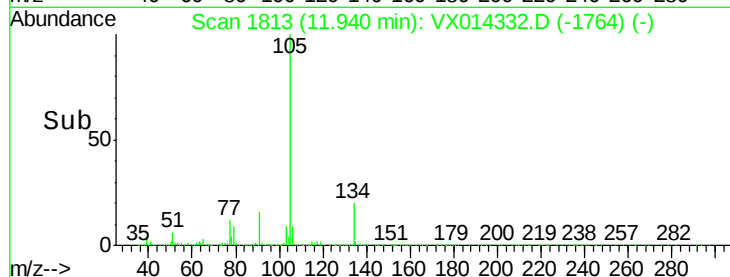
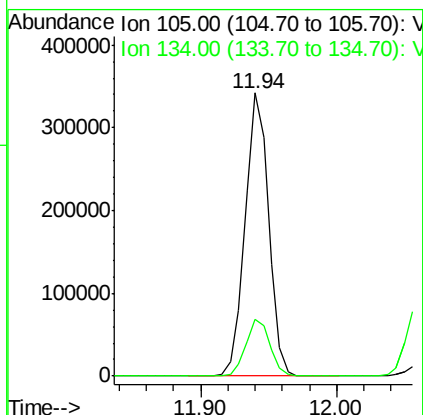
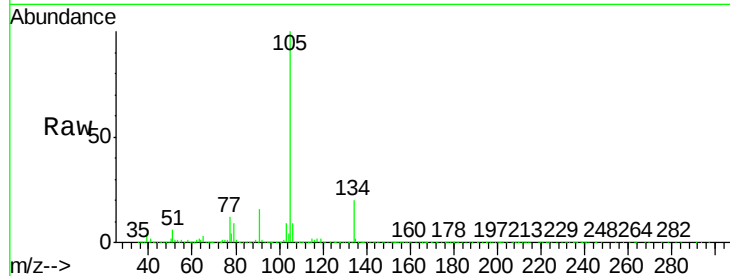




#85
 sec-Butylbenzene
 Concen: 18.951 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014332.D
 Acq: 28 Dec 2019 01:27

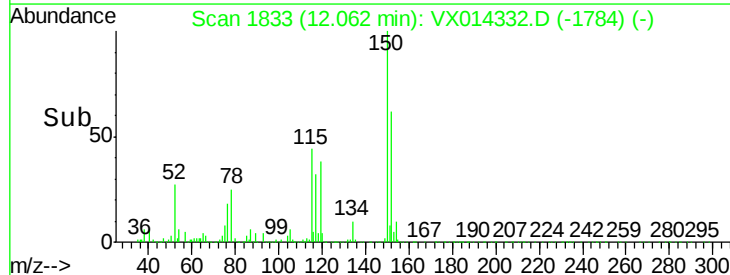
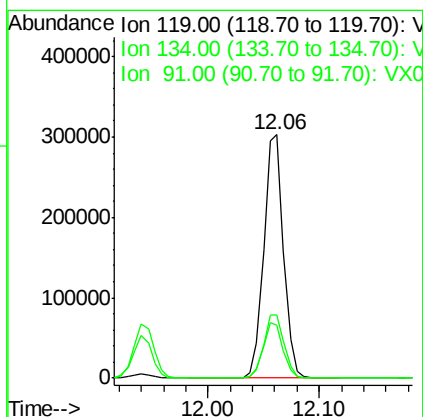
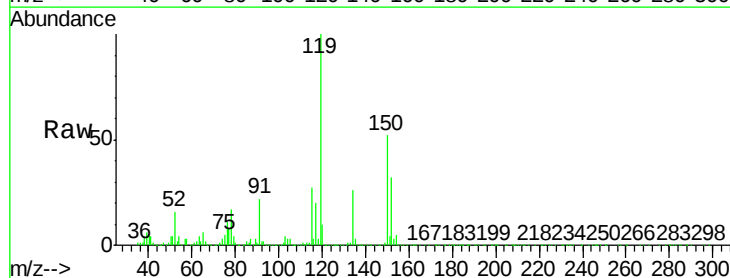
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1227WBS02

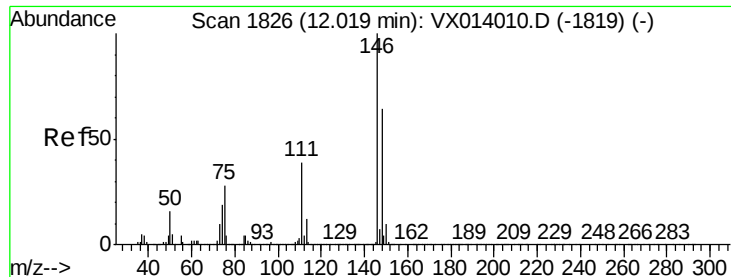
Tgt Ion:105 Resp: 413285
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 18.876 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX014332.D
 Acq: 28 Dec 2019 01:27

Tgt Ion:119 Resp: 376540
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.4 40.1
 91 22.9 11.4 34.1

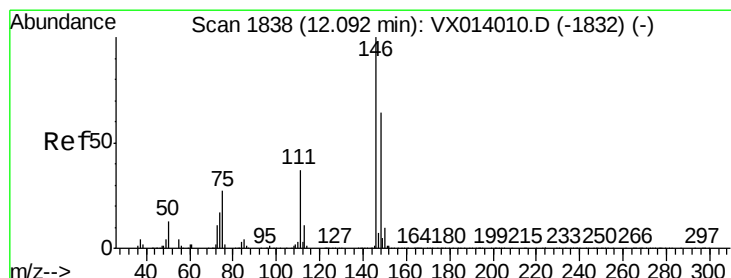
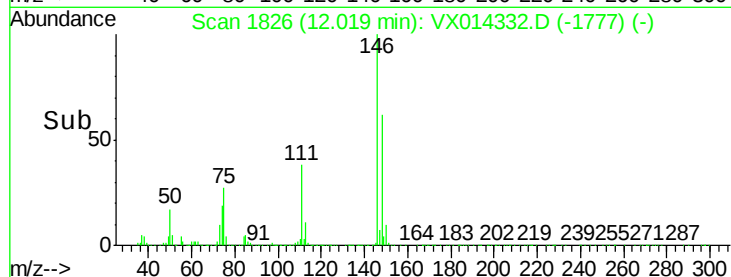
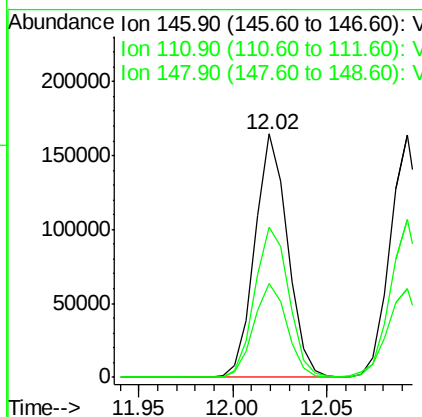
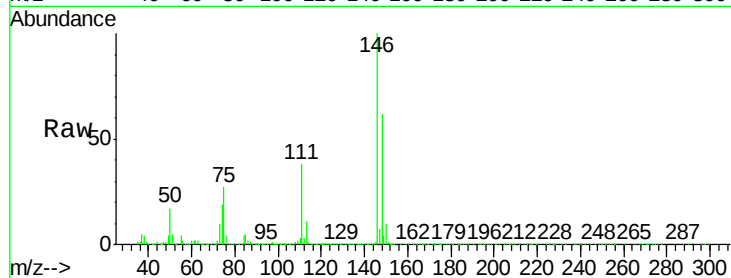




#87
 1,3-Dichlorobenzene
 Concen: 18.284 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014332.D
 Acq: 28 Dec 2019 01:27

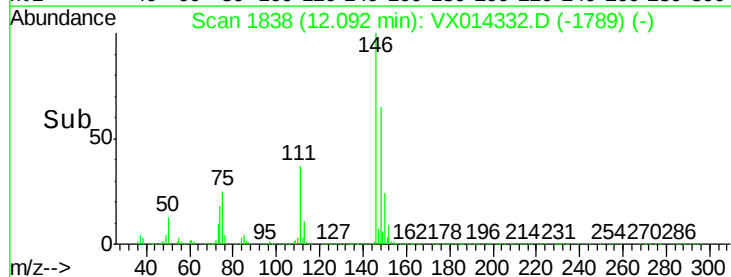
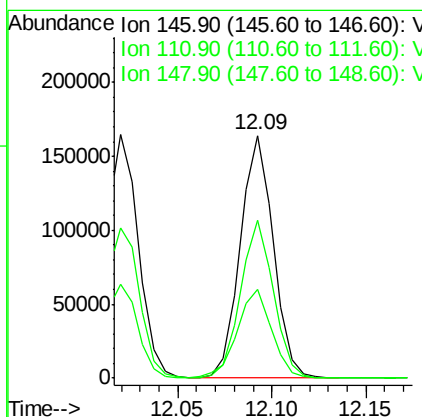
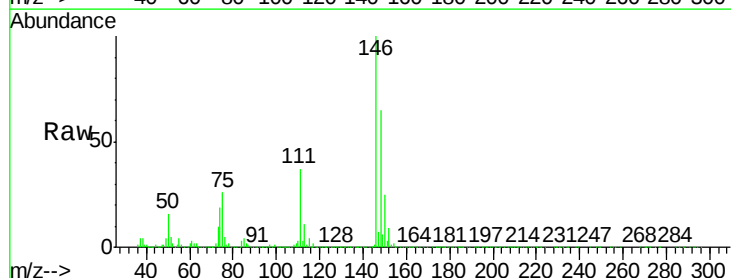
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1227WBS02

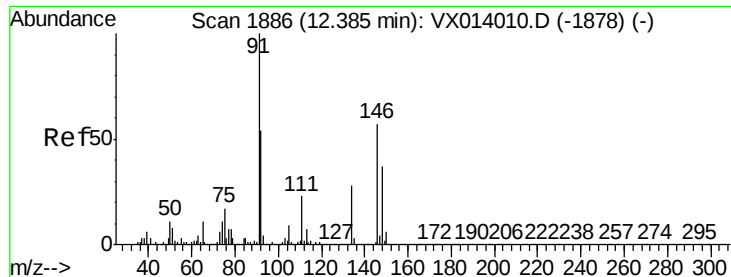
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.1	57.1
148	64.2	32.3	96.9



#88
 1,4-Dichlorobenzene
 Concen: 17.918 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014332.D
 Acq: 28 Dec 2019 01:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.7	56.1
148	64.9	31.9	95.9

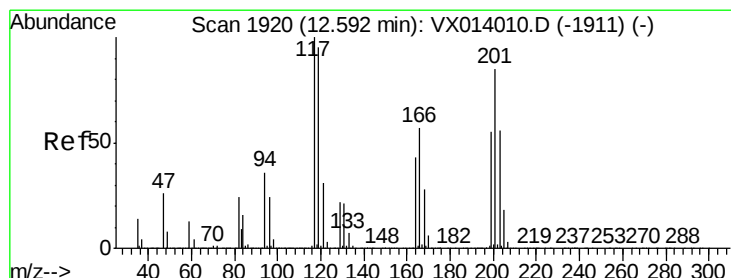
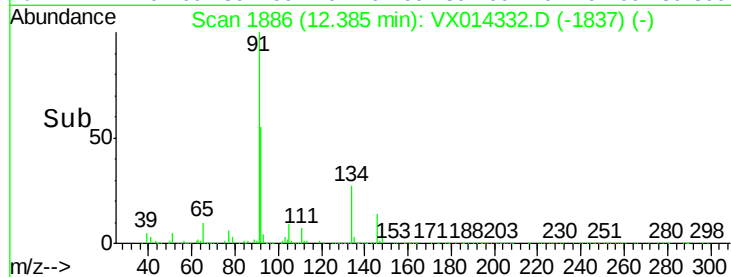
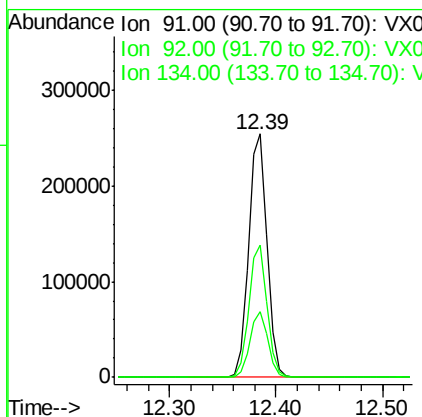
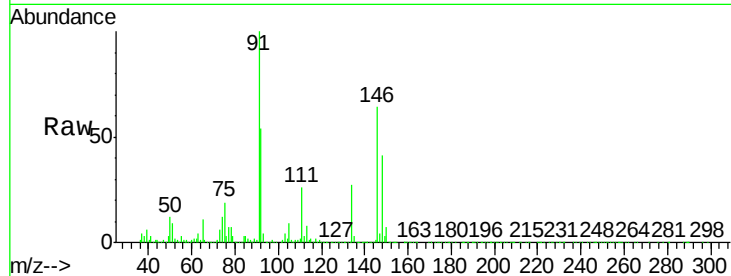




#89
n-Butylbenzene
Concen: 18.077 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

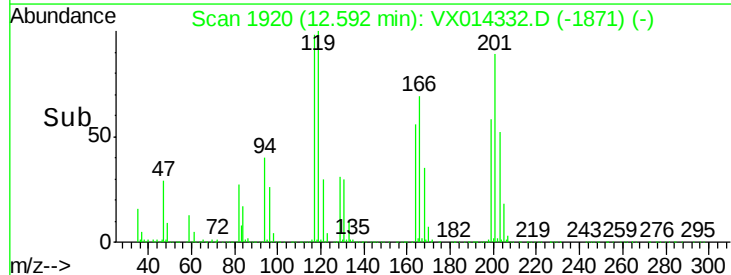
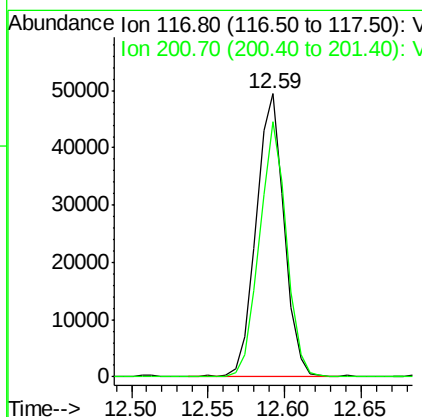
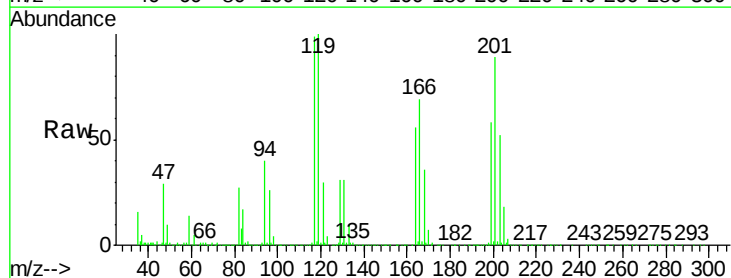
Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS02

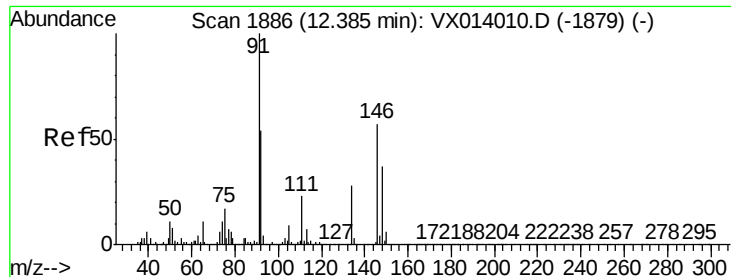
Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.8	27.2	81.6
134	26.4	13.4	40.1



#90
Hexachloroethane
Concen: 17.426 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.0	43.1	129.3





#91

1,2-Dichlorobenzene

Concen: 18.489 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

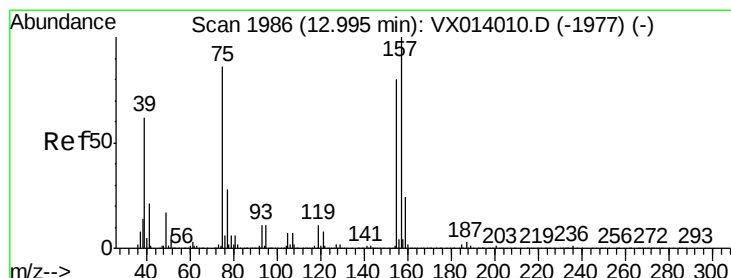
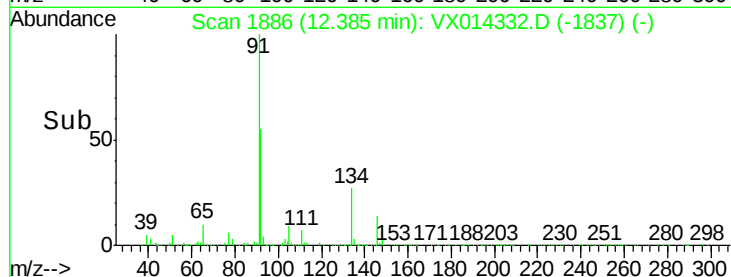
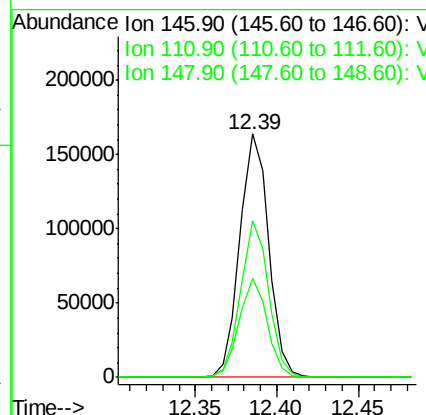
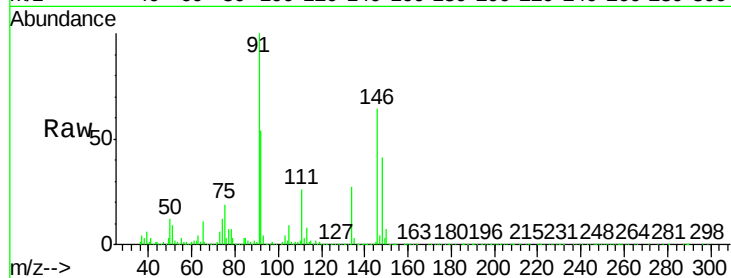
Instrument :

MSVOA_X

ClientSampleId :

VX1227WBS02

Tgt Ion:	146	Resp:	202425
Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.7	59.1
148	62.1	32.1	96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.662 ug/l

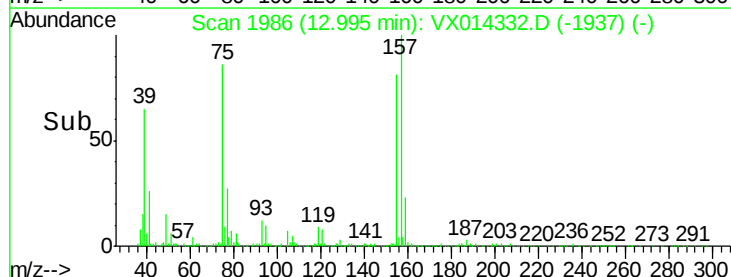
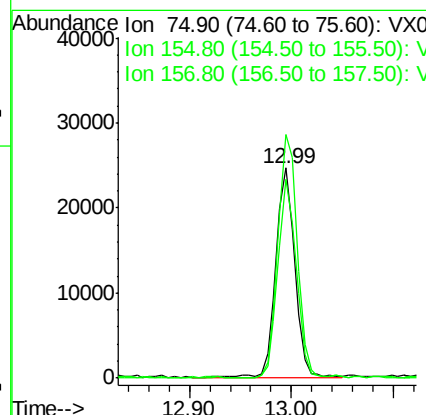
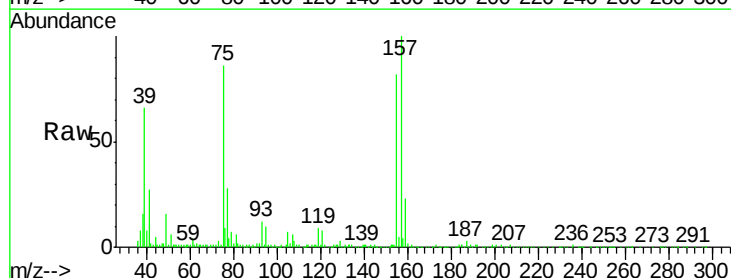
RT: 12.99 min Scan# 1986

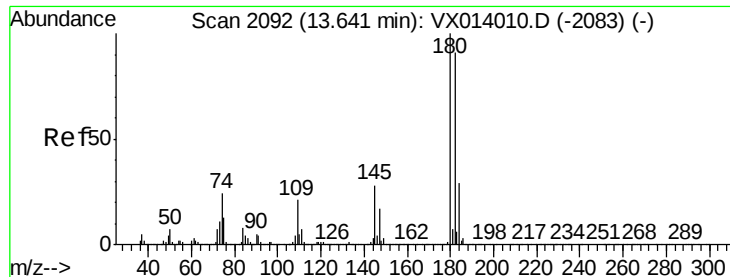
Delta R.T. 0.00 min

Lab File: VX014332.D

Acq: 28 Dec 2019 01:27

Tgt Ion:	75	Resp:	32294
Ion	Ratio	Lower	Upper
75	100		
155	88.8	46.9	140.6
157	115.7	60.8	182.4

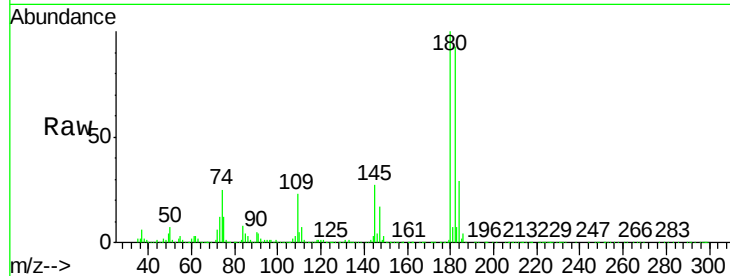




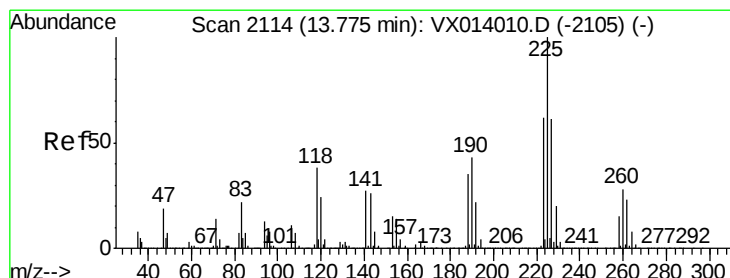
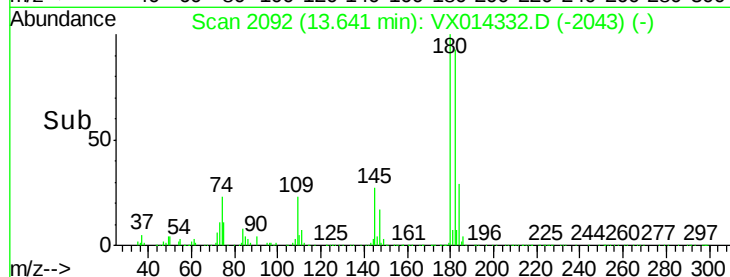
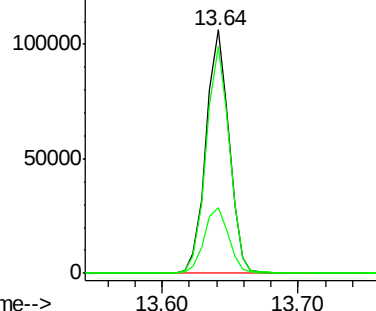
#93
1,2,4-Trichlorobenzene
Concen: 17.643 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	46.6	139.8
145	28.8	14.2	42.6

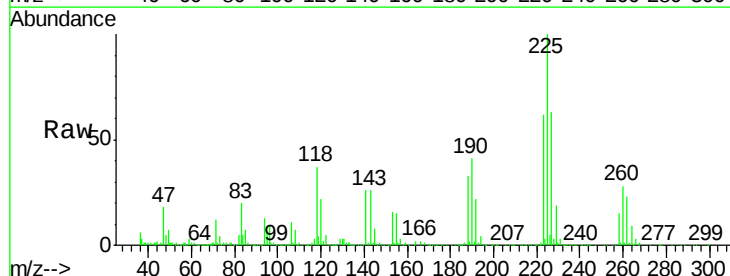


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

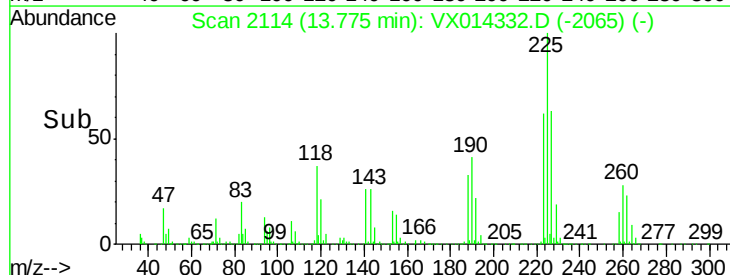
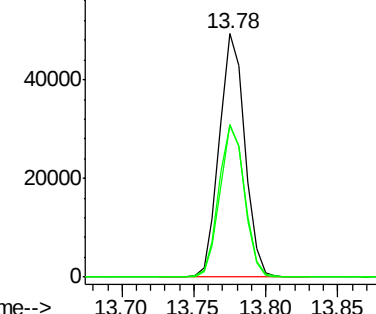


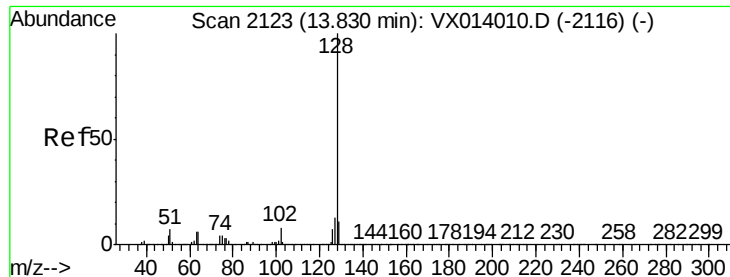
#94
Hexachlorobutadiene
Concen: 17.579 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	30.9	92.5
227	60.9	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

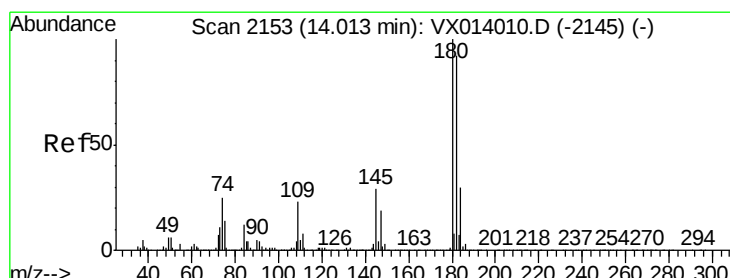
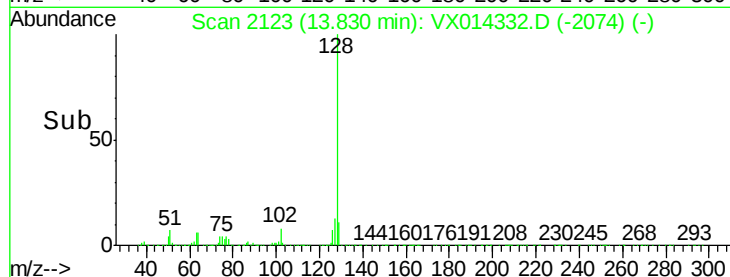
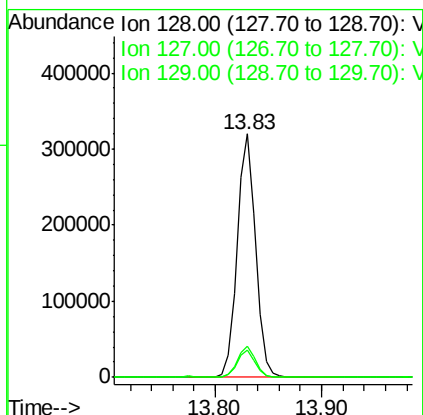
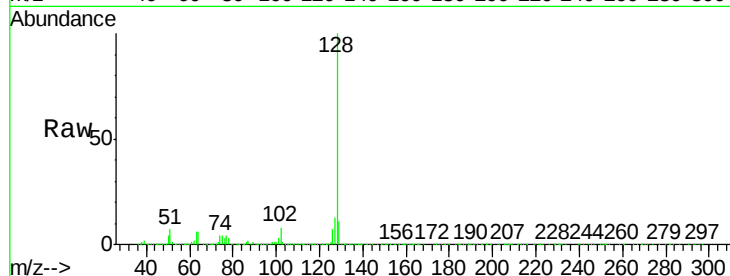




#95
Naphthalene
Concen: 18.539 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS02

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	11.0	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.186 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014332.D
Acq: 28 Dec 2019 01:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	46.8	140.3
145	30.6	14.8	44.4

