

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX122719\
 Data File : VX014326.D
 Acq On : 27 Dec 2019 21:57
 Operator : JC/SP
 Sample : K6449-06MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-5MS

Quant Time: Dec 30 05:40:48 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	455479	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	725903	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	657674	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	321969	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	263268	51.00	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.00%	
35) Dibromofluoromethane	5.49	113	225645	51.14	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.28%	
50) Toluene-d8	8.71	98	855011	49.77	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.54%	
62) 4-Bromofluorobenzene	11.13	95	305200	48.60	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	180052	44.186	ug/l	99
3) Chloromethane	1.32	50	252921	46.250	ug/l	99
4) Vinyl Chloride	1.40	62	276901	47.988	ug/l	99
5) Bromomethane	1.63	94	170205	41.559	ug/l	99
6) Chloroethane	1.71	64	180170	50.591	ug/l	95
7) Trichlorofluoromethane	1.92	101	352874	49.401	ug/l	97
8) Diethyl Ether	2.18	74	168862	50.371	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	211891	49.210	ug/l	100
10) Methyl Iodide	2.50	142	241192	42.870	ug/l	98
11) Tert butyl alcohol	3.03	59	299988	268.942	ug/l	96
12) 1,1-Dichloroethene	2.36	96	216497	49.413	ug/l	99
13) Acrolein	2.28	56	186191	291.601	ug/l	98
14) Allyl chloride	2.72	41	406863	52.009	ug/l	97
15) Acrylonitrile	3.13	53	738589	283.690	ug/l	99
16) Acetone	2.43	43	616601	183.984	ug/l	99
17) Carbon Disulfide	2.56	76	534507	44.034	ug/l	100
18) Methyl Acetate	2.76	43	361612	54.452	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	770282	53.501	ug/l	98
20) Methylene Chloride	2.85	84	257560	48.803	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	236099	48.913	ug/l	98
22) Diisopropyl ether	3.84	45	855211	54.860	ug/l	96
23) Vinyl Acetate	3.80	43	3482703	273.764	ug/l	99
24) 1,1-Dichloroethane	3.69	63	448830	51.749	ug/l	100
25) 2-Butanone	4.65	43	1023532	247.716	ug/l	99
26) 2,2-Dichloropropane	4.57	77	300603	44.640	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	278399	50.998	ug/l	98
28) Bromochloromethane	5.00	49	190335	56.998	ug/l	94
29) Tetrahydrofuran	5.11	42	669834	289.838	ug/l	99
30) Chloroform	5.20	83	434277	52.819	ug/l	100
31) Cyclohexane	5.57	56	393879	51.061	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	357253	50.983	ug/l	99
36) 1,1-Dichloropropene	5.79	75	321044	48.201	ug/l	99
37) Ethyl Acetate	4.82	43	381117	51.816	ug/l	100
38) Carbon Tetrachloride	5.78	117	298377	49.175	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	384334	46.732	ug/l	97
40) Benzene	6.14	78	1014212	49.489	ug/l	98
41) Methacrylonitrile	5.03	41	223591	54.788	ug/l	98
42) 1,2-Dichloroethane	6.19	62	350673	50.479	ug/l	100
43) Isopropyl Acetate	6.43	43	634163	52.099	ug/l	99
44) Trichloroethene	7.21	130	267076	47.182	ug/l	98
45) 1,2-Dichloropropane	7.51	63	270706	51.536	ug/l	99
46) Dibromomethane	7.65	93	171255	49.312	ug/l	98
47) Bromodichloromethane	7.89	83	336545	51.455	ug/l	97
48) Methyl methacrylate	7.76	41	320421	53.758	ug/l	98
49) 1,4-Dioxane	7.73	88	117773	970.943	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	2080201	272.118	ug/l	100
52) Toluene	8.78	92	629807	48.621	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	364217	50.785	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	407528	51.006	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	264742	50.994	ug/l	98
56) Ethyl methacrylate	9.17	69	428199	52.506	ug/l	100
57) 1,3-Dichloropropane	9.37	76	446152	51.077	ug/l	99
59) 2-Hexanone	9.48	43	1583422	257.307	ug/l	99
60) Dibromochloromethane	9.58	129	274808	53.252	ug/l	100
61) 1,2-Dibromoethane	9.67	107	274039	51.590	ug/l	99
64) Tetrachloroethene	9.33	164	258608	44.437	ug/l	98
65) Chlorobenzene	10.14	112	681825	48.758	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	252676	50.606	ug/l	99
67) Ethyl Benzene	10.25	91	1196923	49.786	ug/l	100
68) m/p-Xylenes	10.36	106	905929	97.974	ug/l	99
69) o-Xylene	10.70	106	445305	49.104	ug/l	100
70) Styrene	10.71	104	760452	49.590	ug/l	99
71) Bromoform	10.86	173	207018	51.580	ug/l	100
73) Isopropylbenzene	11.01	105	1162618	51.287	ug/l	100
74) N-amyl acetate	10.89	43	538021	50.633	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	416051	52.938	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	471572	67.465	ug/l	87
77) Bromobenzene	11.25	156	306080	49.074	ug/l	99
78) n-propylbenzene	11.35	91	1307285	51.413	ug/l	99
79) 2-Chlorotoluene	11.42	91	784420	50.750	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	967027	50.687	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	127907	51.649	ug/l	98
82) 4-Chlorotoluene	11.51	91	896872	50.023	ug/l	99
83) tert-Butylbenzene	11.76	119	965713	52.014	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	976374	51.103	ug/l	100
85) sec-Butylbenzene	11.94	105	1127390	51.436	ug/l	100
86) p-Isopropyltoluene	12.06	119	1020891	50.919	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	532946	48.755	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	527708	47.478	ug/l	100
89) n-Butylbenzene	12.39	91	866015	50.622	ug/l	100
90) Hexachloroethane	12.59	117	184143	51.134	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	529639	48.131	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	85453	49.134	ug/l	97
93) 1,2,4-Trichlorobenzene	13.64	180	349218	48.827	ug/l	98

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Response via : Initial Calibration

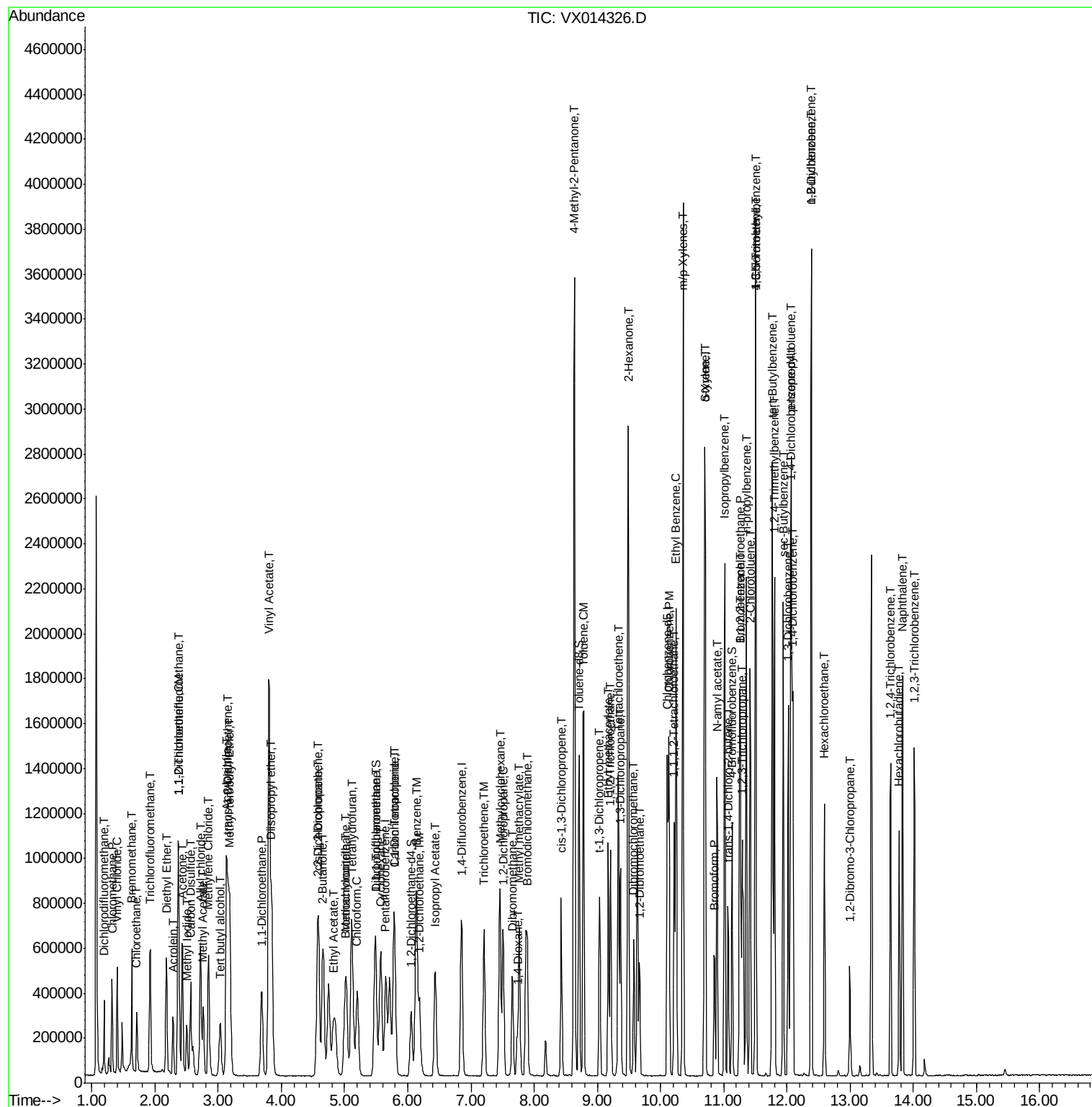
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	168677	49.073	ug/l	99
95) Naphthalene	13.83	128	1118583	53.232	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	361138	51.151	ug/l	98

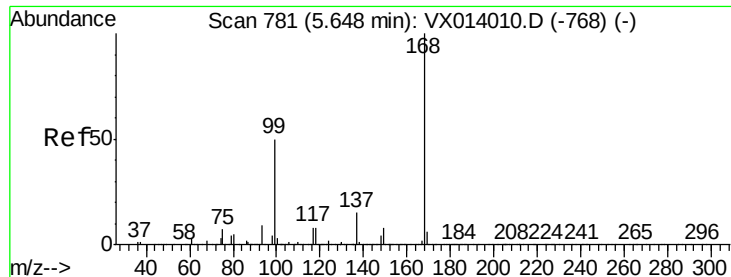
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX014326.D

Acq: 27 Dec 2019 21:57

Instrument :

MSVOA_X

ClientSampleId :

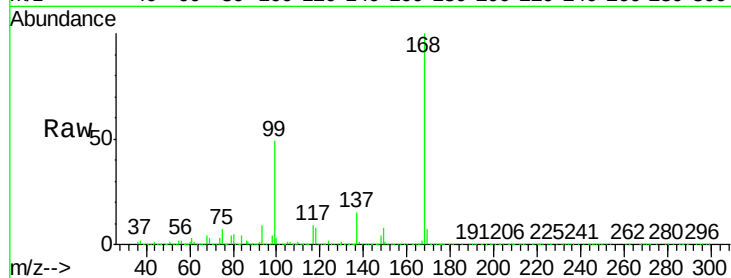
OW-5MS

Tgt Ion:168 Resp: 455479

Ion Ratio Lower Upper

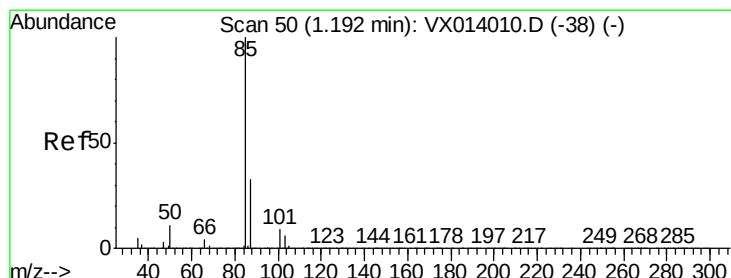
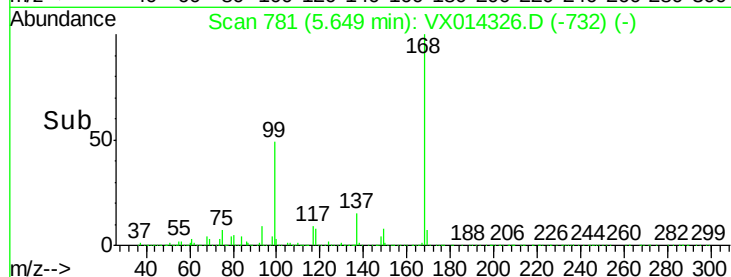
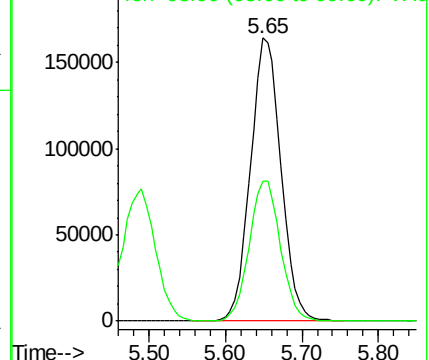
168 100

99 49.2 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 44.186 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014326.D

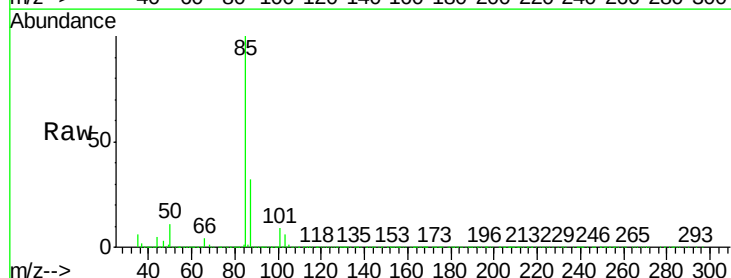
Acq: 27 Dec 2019 21:57

Tgt Ion: 85 Resp: 180052

Ion Ratio Lower Upper

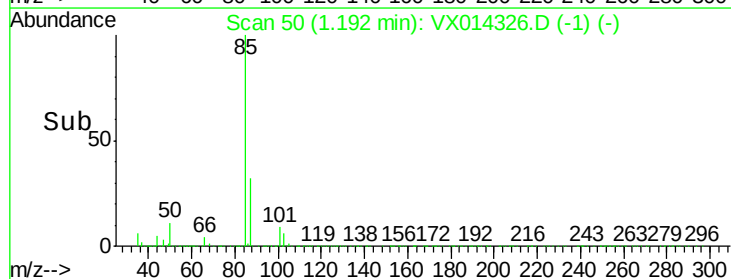
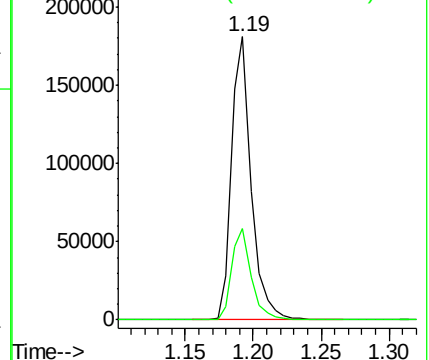
85 100

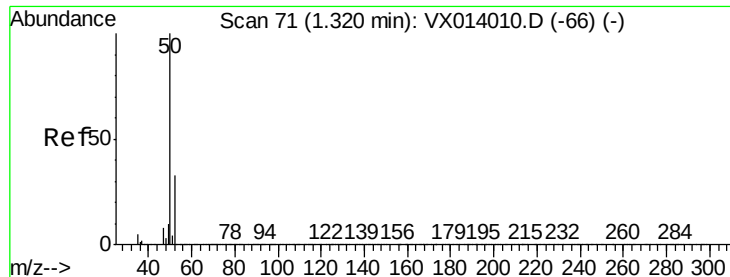
87 32.1 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.250 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014326.D

Acq: 27 Dec 2019 21:57

Instrument :

MSVOA_X

ClientSampleId :

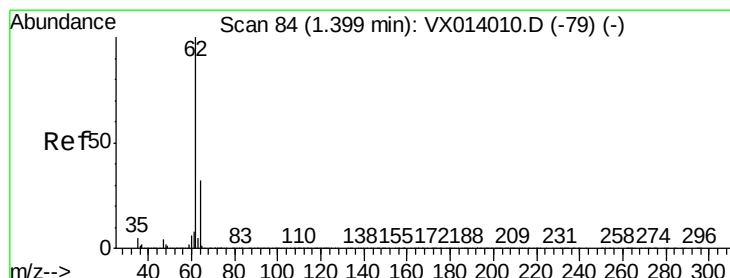
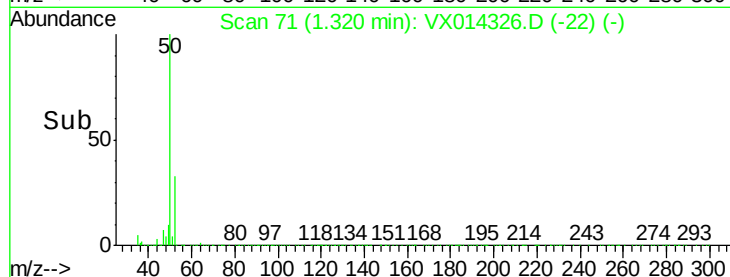
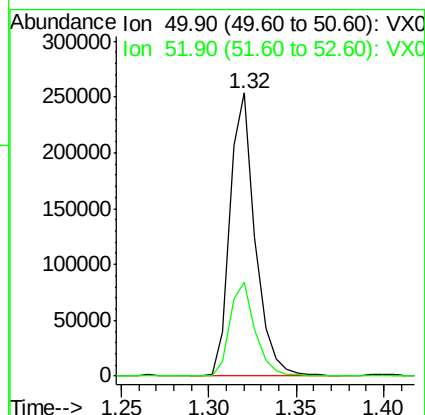
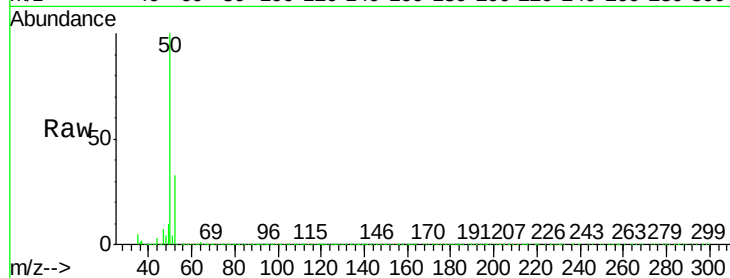
OW-5MS

Tgt Ion: 50 Resp: 252921

Ion Ratio Lower Upper

50 100

52 33.1 26.2 39.4



#4

Vinyl Chloride

Concen: 47.988 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014326.D

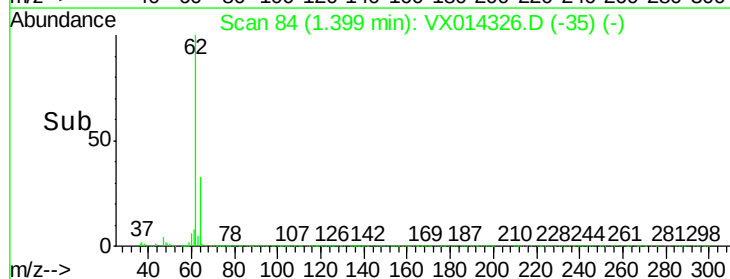
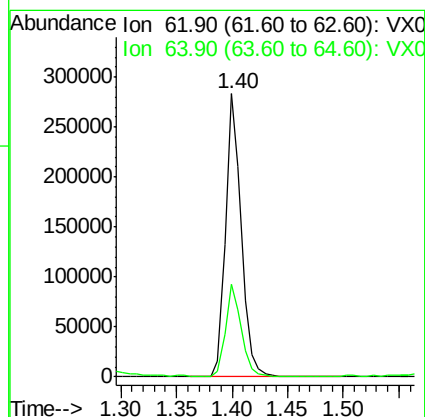
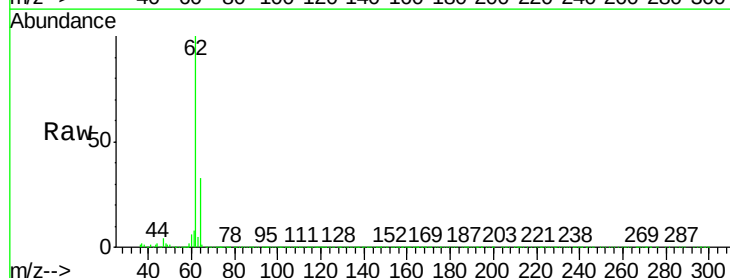
Acq: 27 Dec 2019 21:57

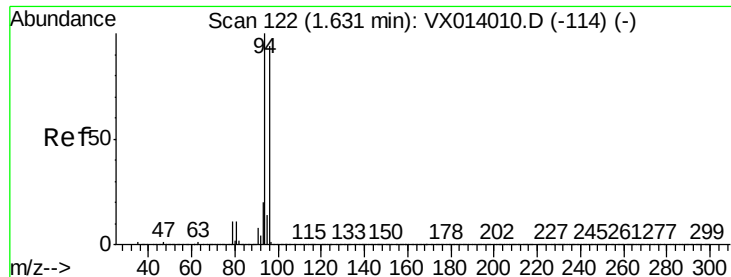
Tgt Ion: 62 Resp: 276901

Ion Ratio Lower Upper

62 100

64 32.4 25.7 38.5





#5

Bromomethane

Concen: 41.559 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014326.D

Acq: 27 Dec 2019 21:57

Instrument :

MSVOA_X

ClientSampleId :

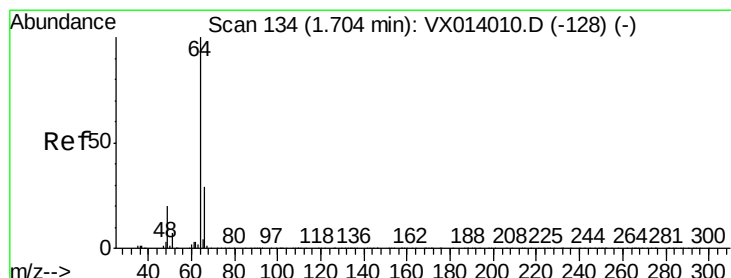
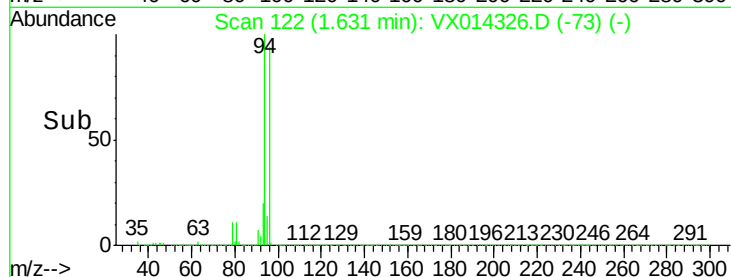
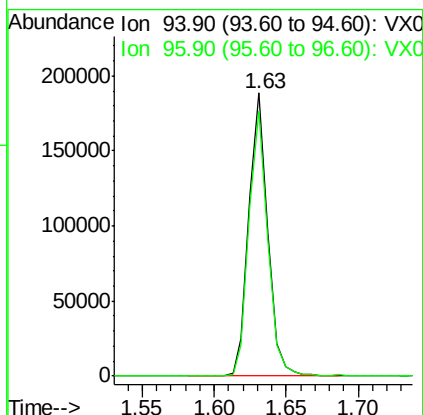
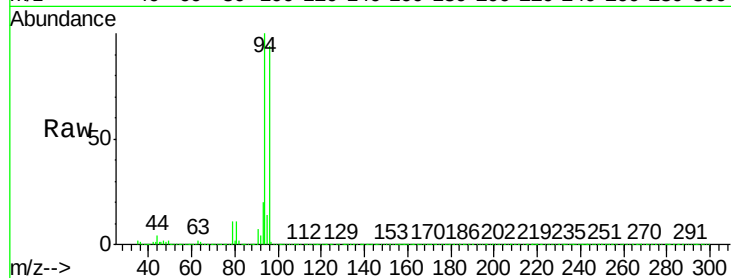
OW-5MS

Tgt Ion: 94 Resp: 170205

Ion Ratio Lower Upper

94 100

96 93.4 75.2 112.8



#6

Chloroethane

Concen: 50.591 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX014326.D

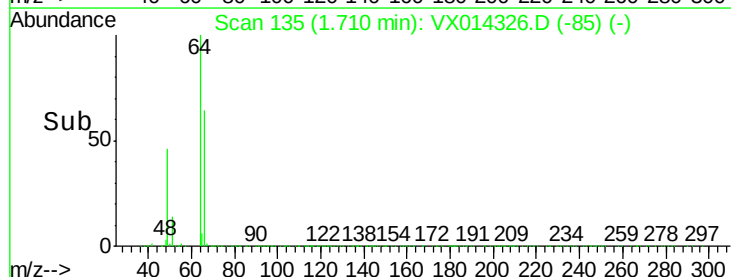
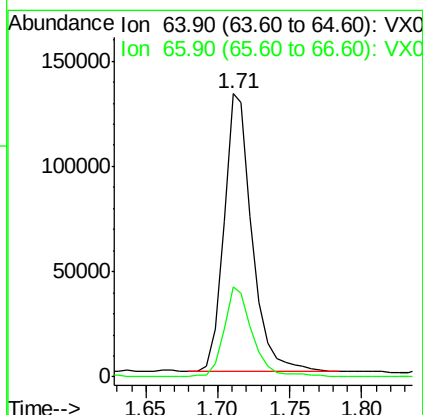
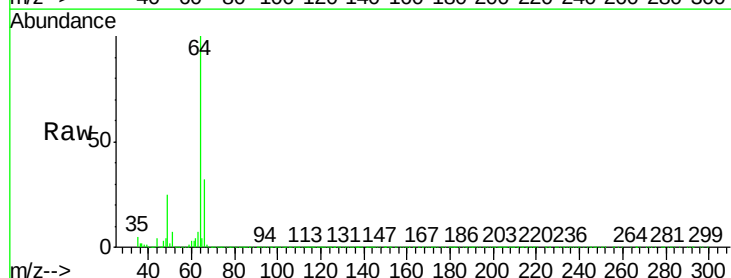
Acq: 27 Dec 2019 21:57

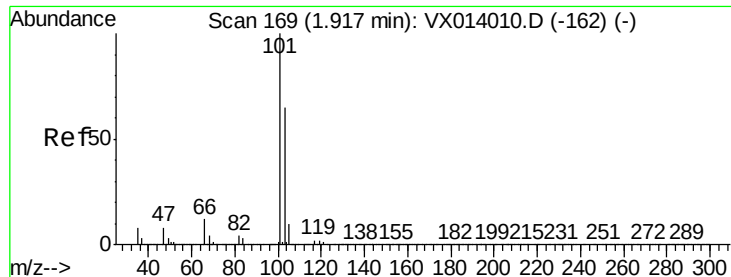
Tgt Ion: 64 Resp: 180170

Ion Ratio Lower Upper

64 100

66 32.1 23.4 35.2



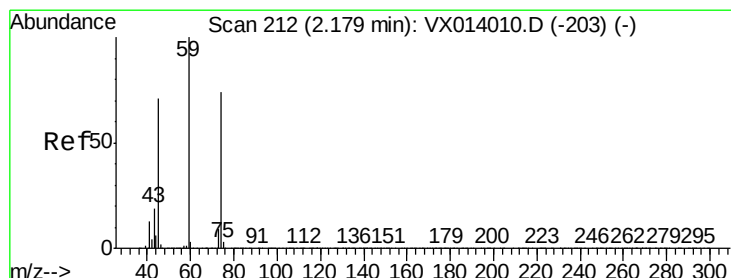
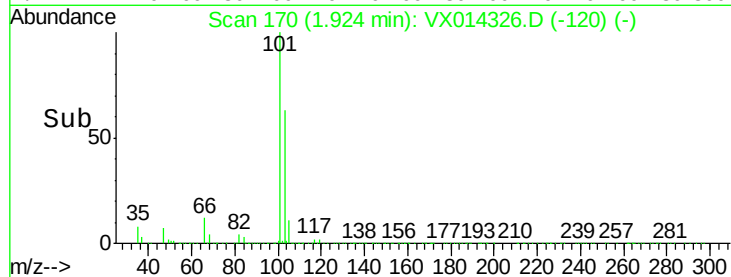
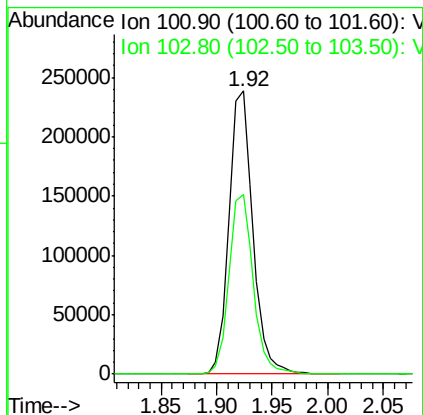
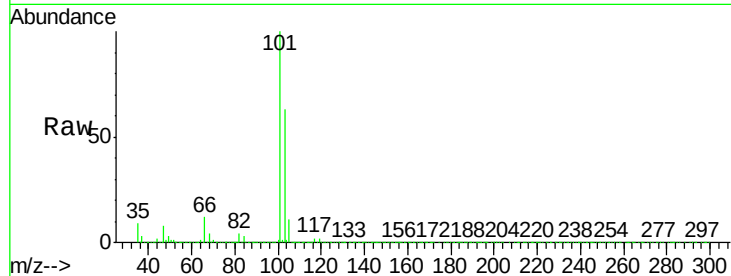


#7

Trichlorofluoromethane
Concen: 49.401 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014326.D
Acq: 27 Dec 2019 21:57

Instrument :
MSVOA_X
ClientSampled :
OW-5MS

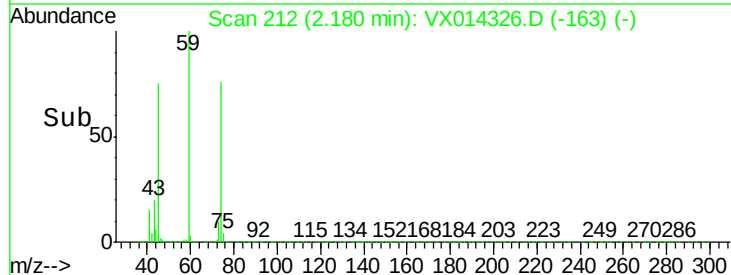
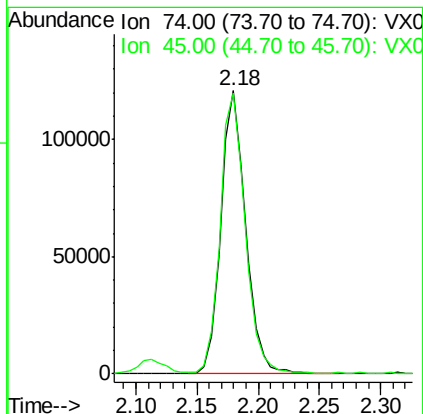
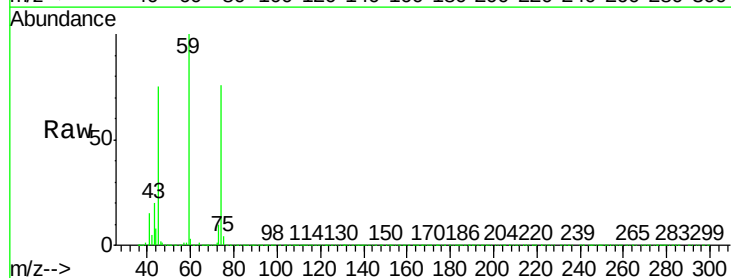
Tgt Ion:101 Resp: 352874
Ion Ratio Lower Upper
101 100
103 63.3 52.2 78.4

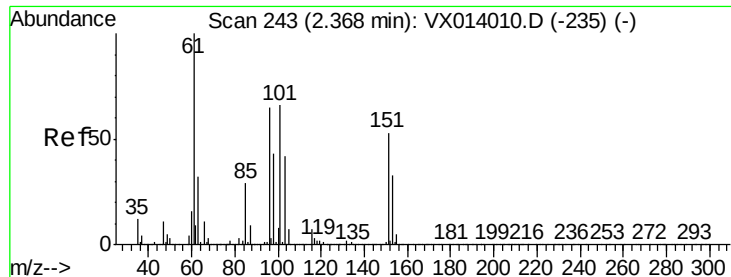


#8

Diethyl Ether
Concen: 50.371 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014326.D
Acq: 27 Dec 2019 21:57

Tgt Ion: 74 Resp: 168862
Ion Ratio Lower Upper
74 100
45 99.5 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.210 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014326.D

Acq: 27 Dec 2019 21:57

Instrument :

MSVOA_X

ClientSampled :

OW-5MS

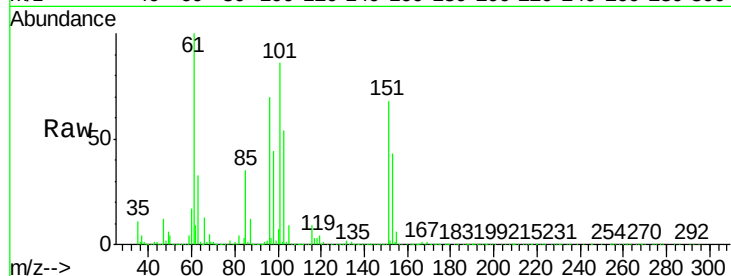
Tgt Ion:101 Resp: 211891

Ion Ratio Lower Upper

101 100

85 42.4 33.7 50.5

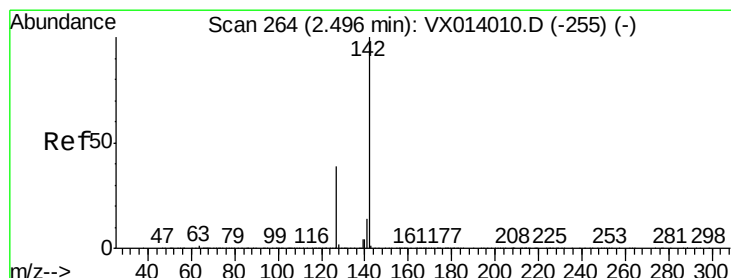
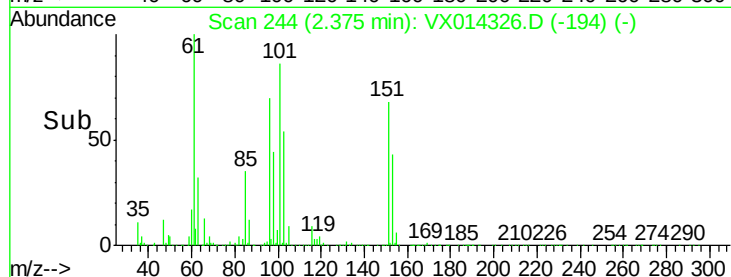
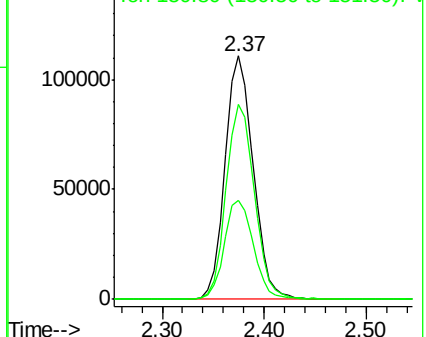
151 81.0 64.5 96.7



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: 42.870 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014326.D

Acq: 27 Dec 2019 21:57

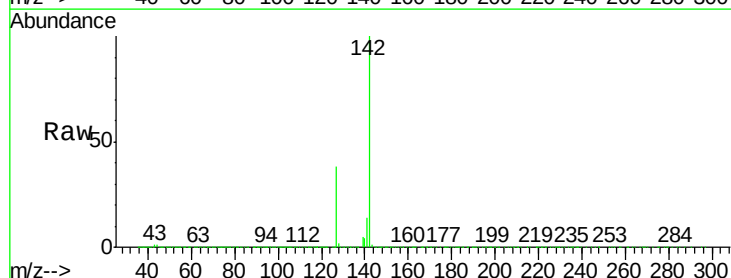
Tgt Ion:142 Resp: 241192

Ion Ratio Lower Upper

142 100

127 38.0 31.6 47.4

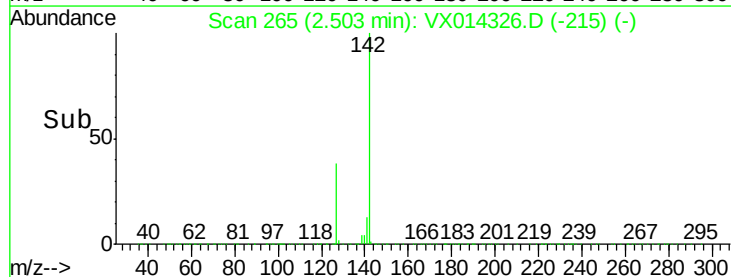
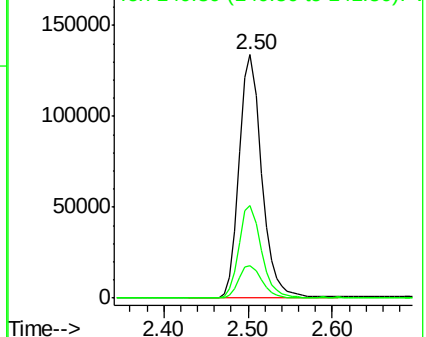
141 14.1 11.6 17.4

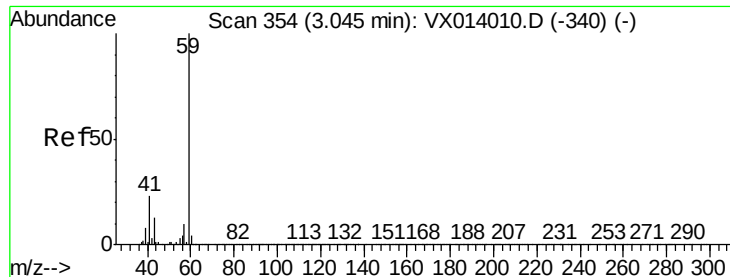


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



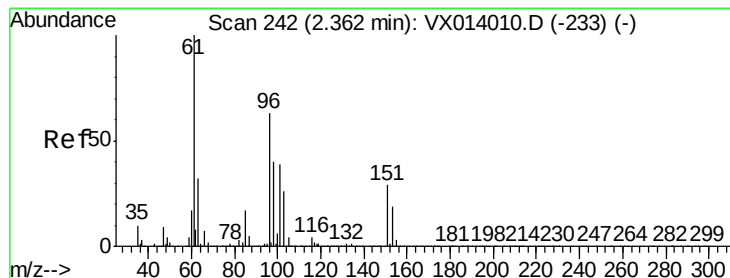
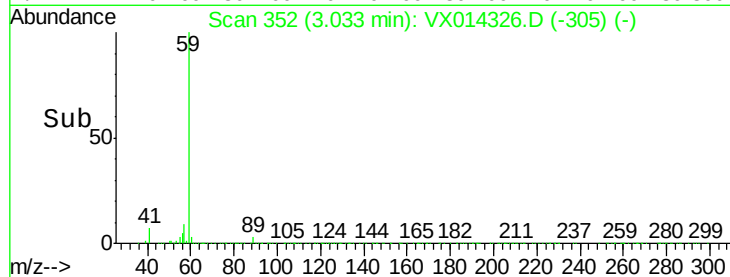
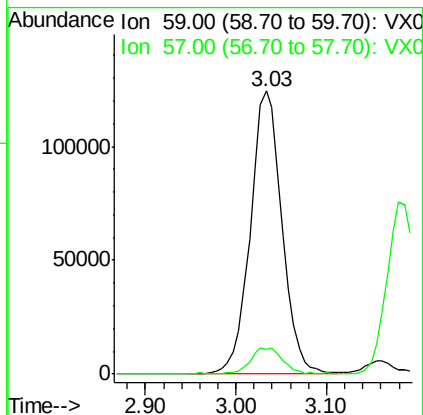
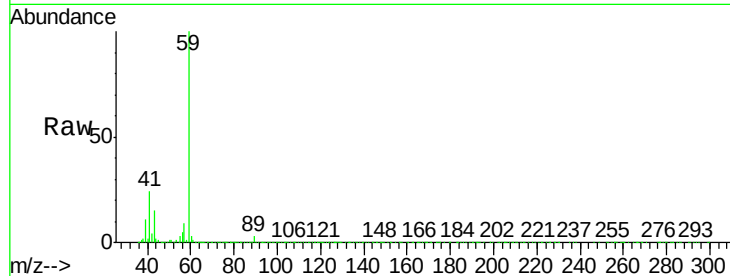


#11

Tert butyl alcohol
Concen: 268.942 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX014326.D
Acq: 27 Dec 2019 21:57

Instrument :
MSVOA_X
ClientSampleId :
OW-5MS

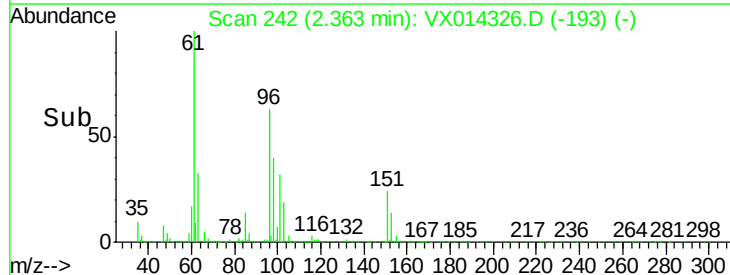
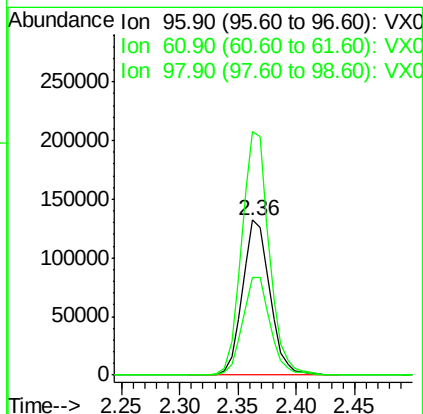
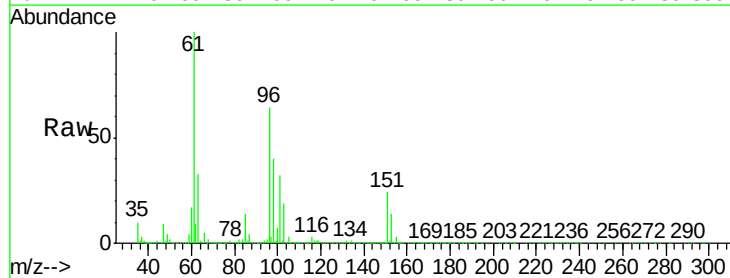
Tgt Ion: 59 Resp: 299988
Ion Ratio Lower Upper
59 100
57 9.0 8.4 12.6

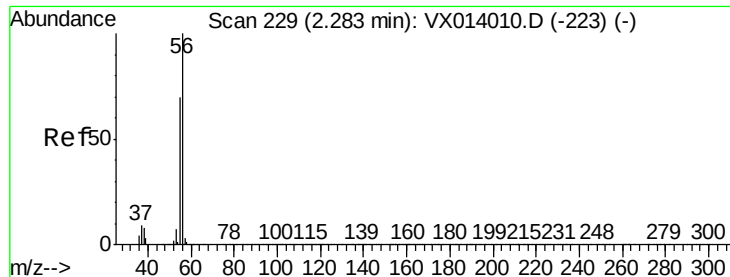


#12

1,1-Dichloroethene
Concen: 49.413 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX014326.D
Acq: 27 Dec 2019 21:57

Tgt Ion: 96 Resp: 216497
Ion Ratio Lower Upper
96 100
61 157.5 127.9 191.9
98 63.2 50.5 75.7

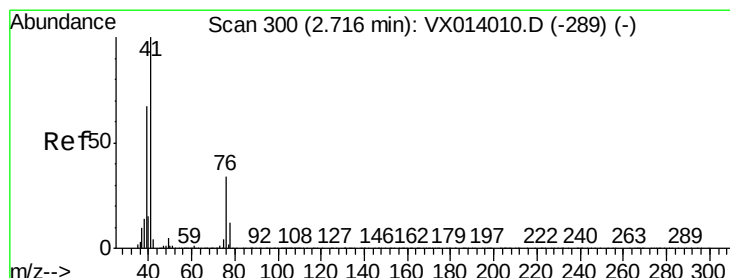
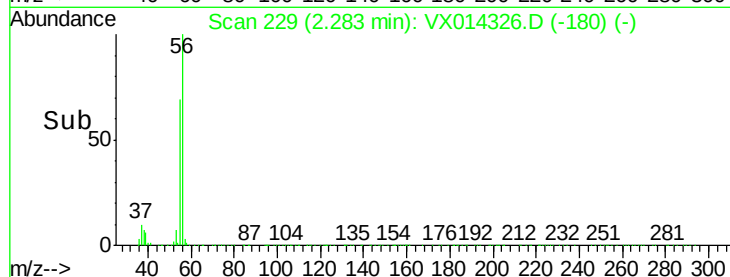
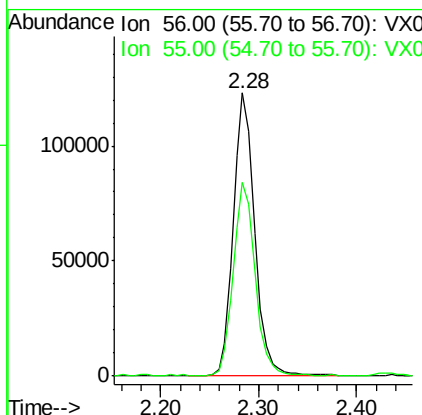
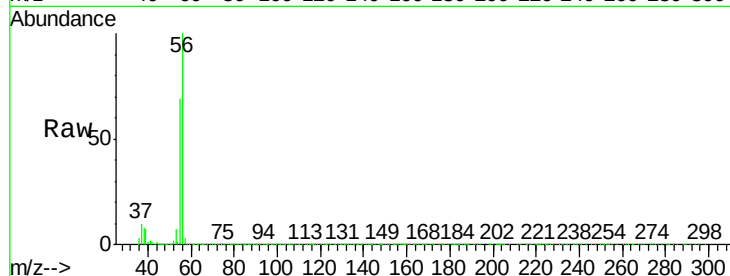




#13
Acrolein
Concen: 291.601 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014326.D
Acq: 27 Dec 2019 21:57

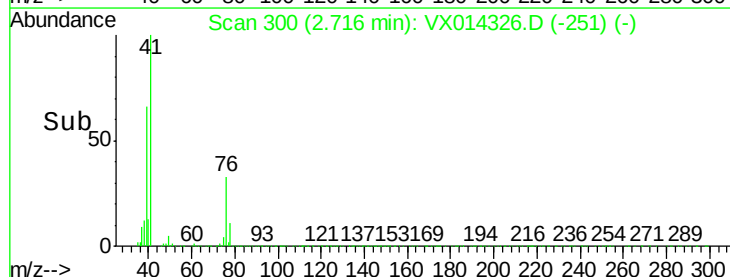
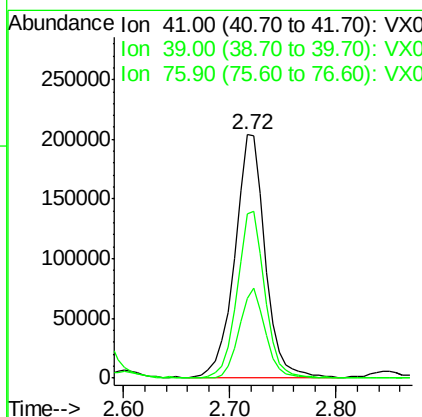
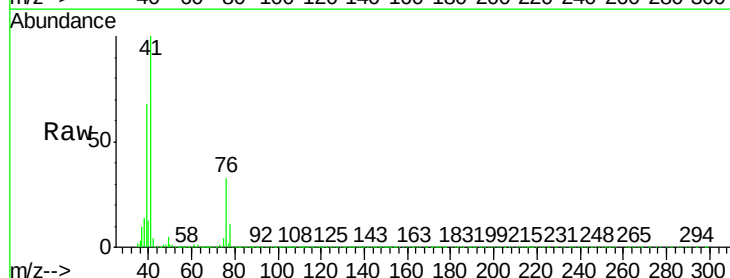
Instrument :
MSVOA_X
ClientSampleId :
OW-5MS

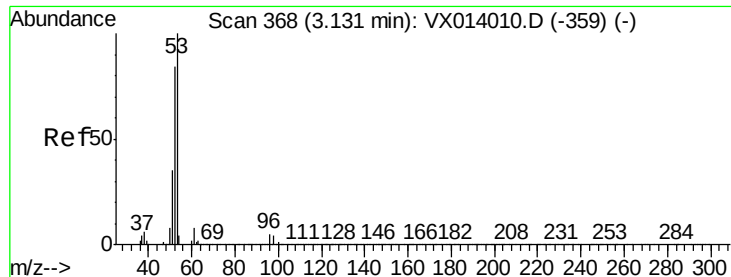
Tgt Ion: 56 Resp: 186191
Ion Ratio Lower Upper
56 100
55 69.9 56.9 85.3



#14
Allyl chloride
Concen: 52.009 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX014326.D
Acq: 27 Dec 2019 21:57

Tgt Ion: 41 Resp: 406863
Ion Ratio Lower Upper
41 100
39 62.2 51.8 77.8
76 31.3 25.9 38.9





#15

Acrylonitrile

Concen: 283.690 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014326.D

Acq: 27 Dec 2019 21:57

Instrument :

MSVOA_X

ClientSampleId :

OW-5MS

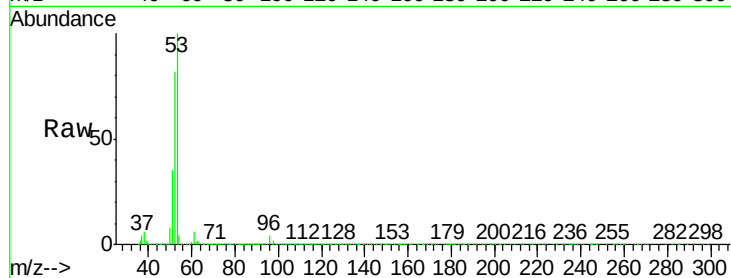
Tgt Ion: 53 Resp: 738589

Ion Ratio Lower Upper

53 100

52 82.5 66.5 99.7

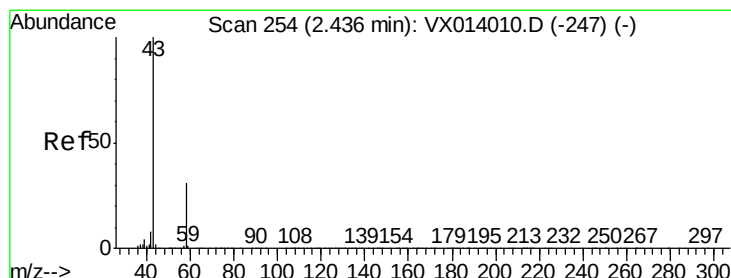
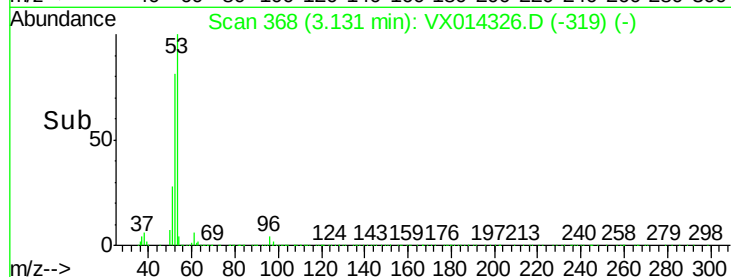
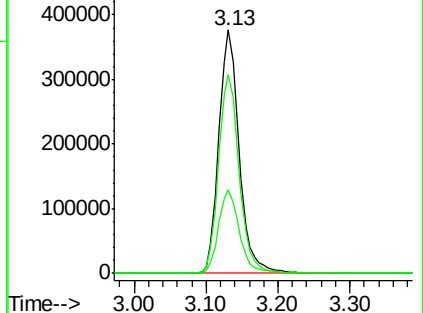
51 35.3 28.1 42.1



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: 183.984 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014326.D

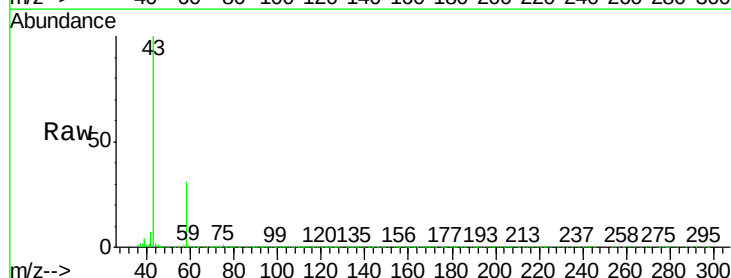
Acq: 27 Dec 2019 21:57

Tgt Ion: 43 Resp: 616601

Ion Ratio Lower Upper

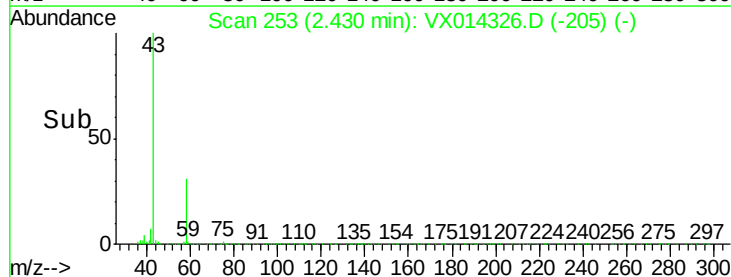
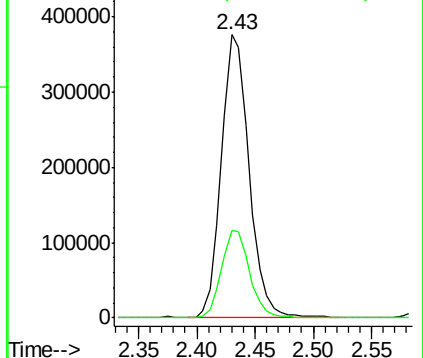
43 100

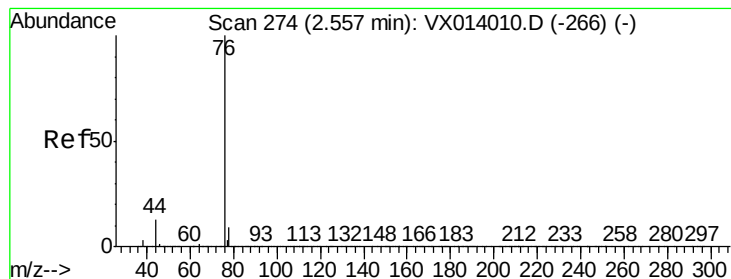
58 30.7 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 44.034 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014326.D

Acq: 27 Dec 2019 21:57

Instrument :

MSVOA_X

ClientSampleId :

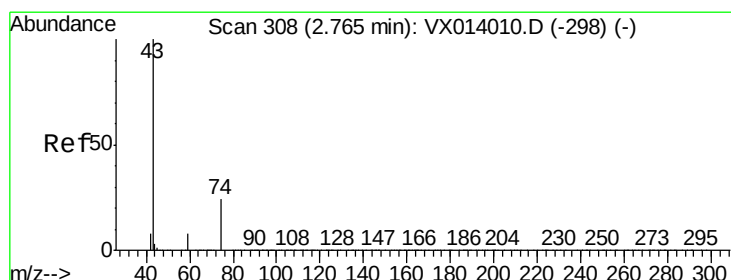
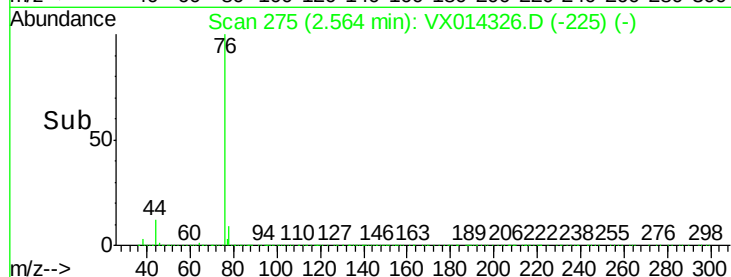
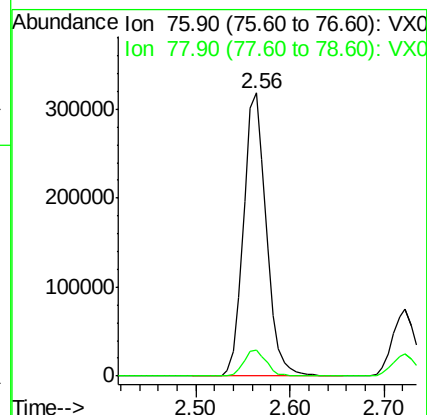
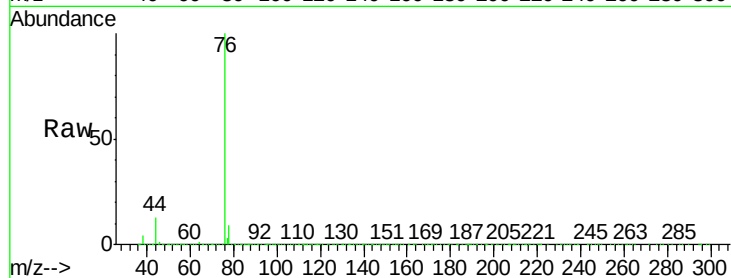
OW-5MS

Tgt Ion: 76 Resp: 534507

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8



#18

Methyl Acetate

Concen: 54.452 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014326.D

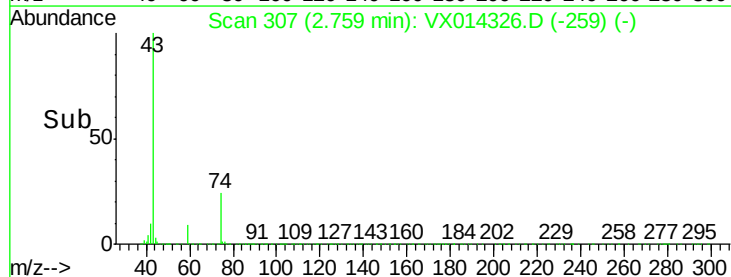
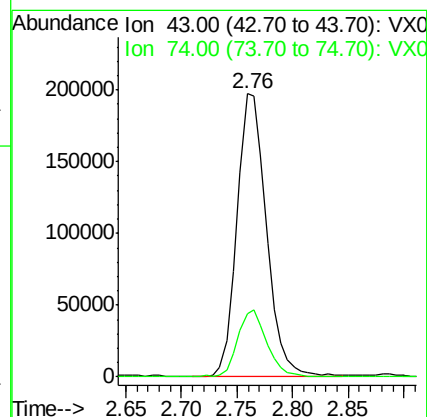
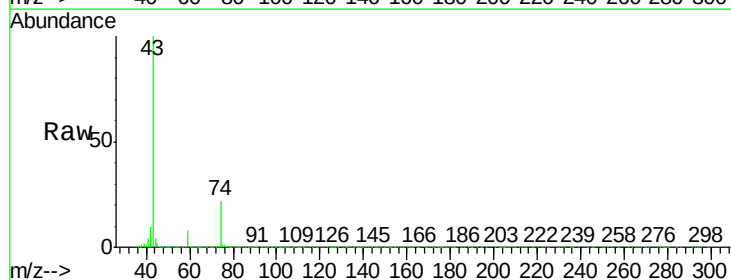
Acq: 27 Dec 2019 21:57

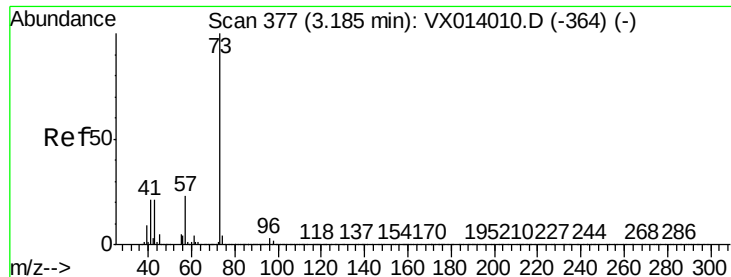
Tgt Ion: 43 Resp: 361612

Ion Ratio Lower Upper

43 100

74 23.5 19.5 29.3



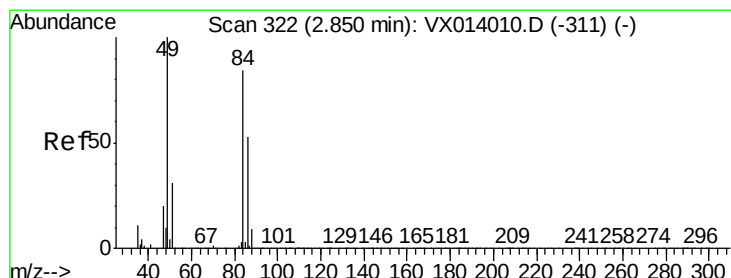
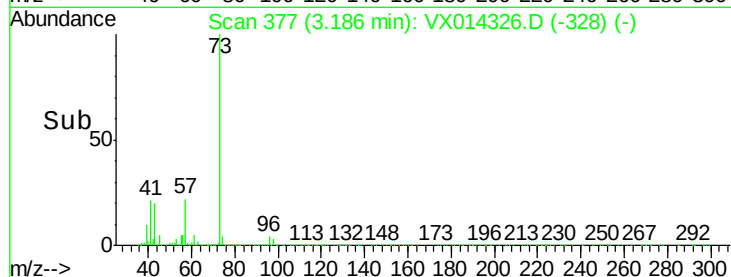
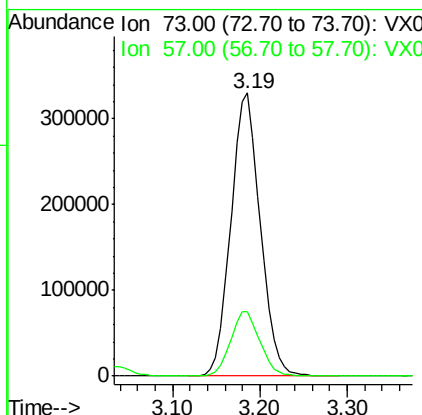
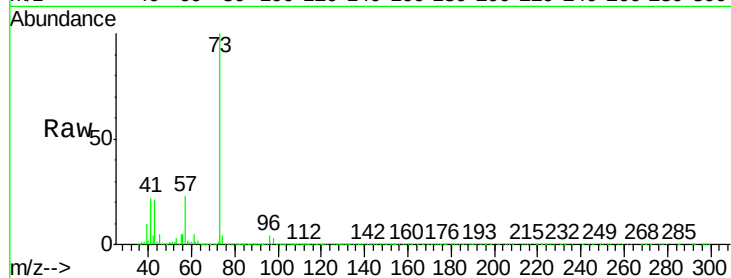


#19

Methyl tert-butyl Ether
 Concen: 53.501 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX014326.D
 Acq: 27 Dec 2019 21:57

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-5MS

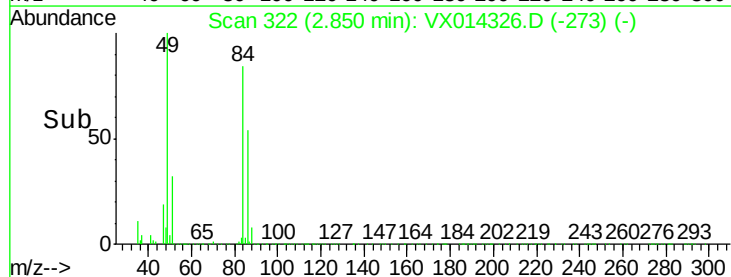
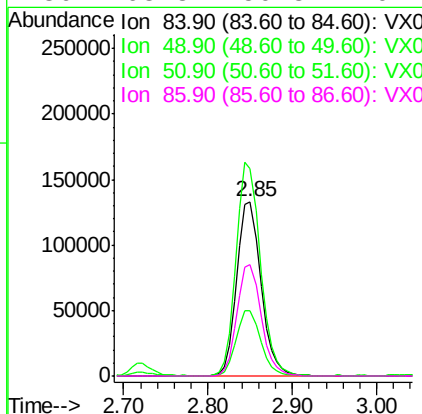
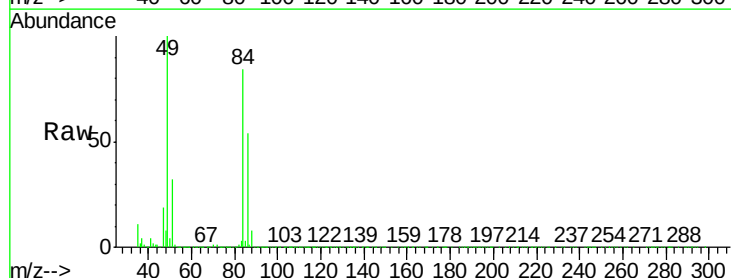
Tgt Ion: 73 Resp: 770282
 Ion Ratio Lower Upper
 73 100
 57 22.5 18.8 28.2

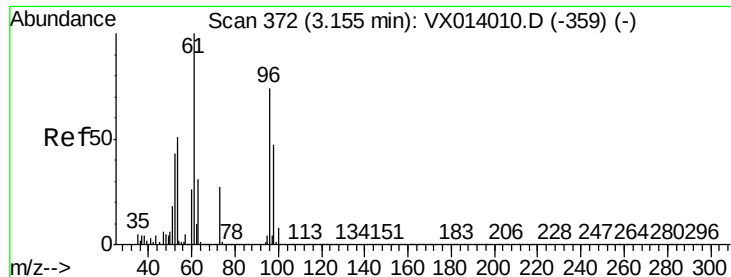


#20

Methylene Chloride
 Concen: 48.803 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: VX014326.D
 Acq: 27 Dec 2019 21:57

Tgt Ion: 84 Resp: 257560
 Ion Ratio Lower Upper
 84 100
 49 118.3 95.8 143.6
 51 37.6 29.8 44.8
 86 63.8 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 48.913 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014326.D

Acq: 27 Dec 2019 21:57

Instrument :

MSVOA_X

ClientSampleId :

OW-5MS

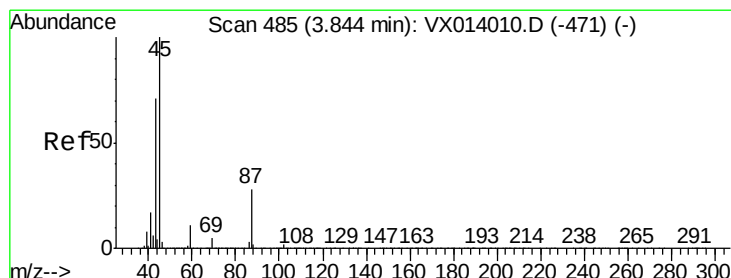
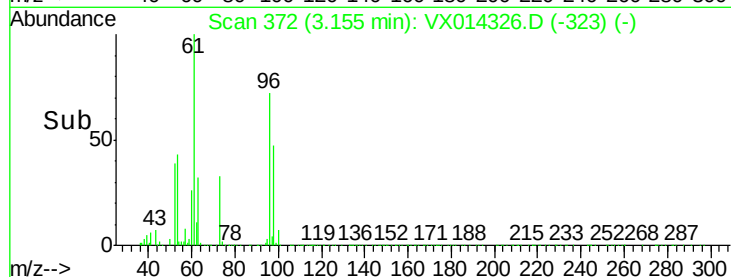
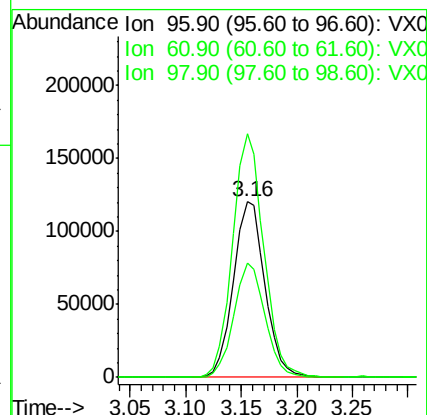
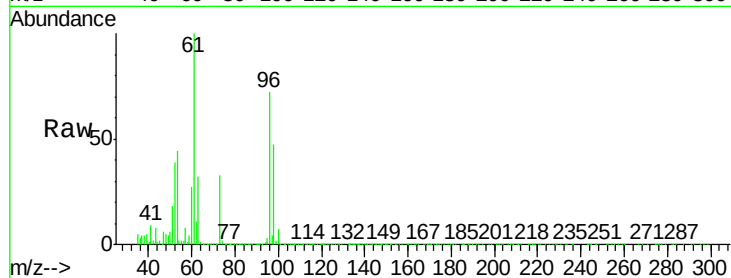
Tgt Ion: 96 Resp: 236099

Ion Ratio Lower Upper

96 100

61 138.3 108.3 162.5

98 65.3 50.8 76.2



#22

Diisopropyl ether

Concen: 54.860 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014326.D

Acq: 27 Dec 2019 21:57

Tgt Ion: 45 Resp: 855211

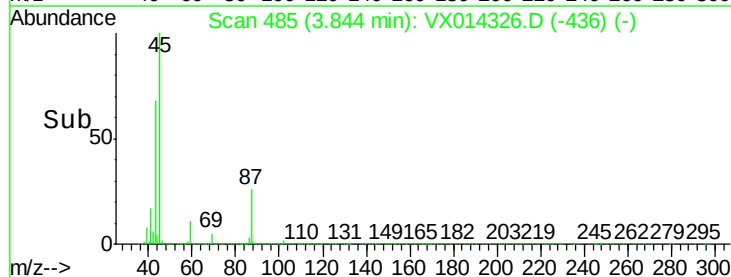
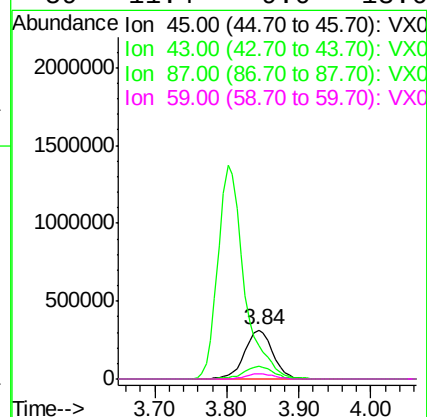
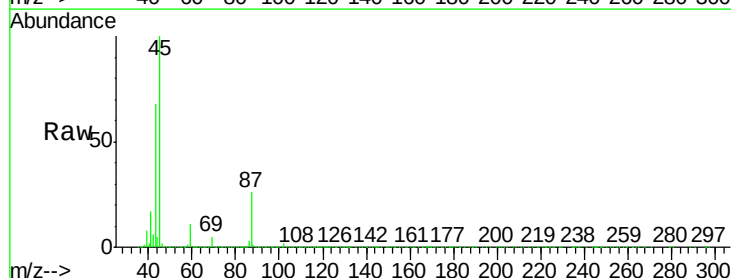
Ion Ratio Lower Upper

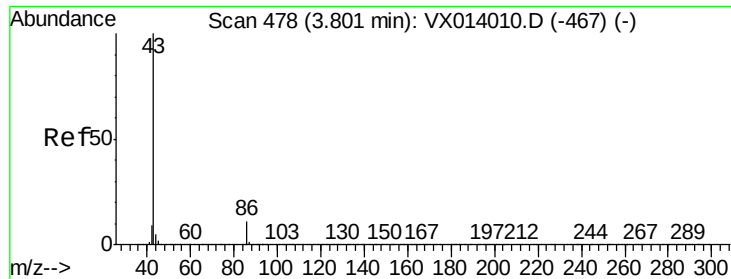
45 100

43 67.2 57.4 86.0

87 26.4 21.9 32.9

59 11.4 9.0 13.6

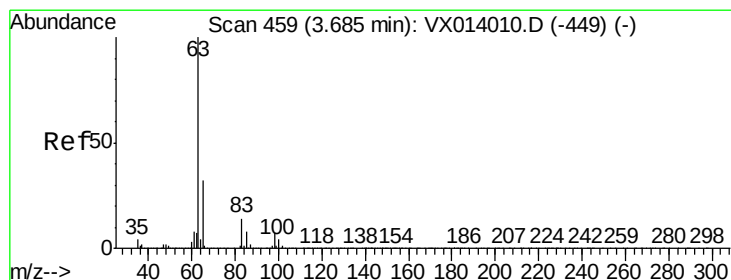
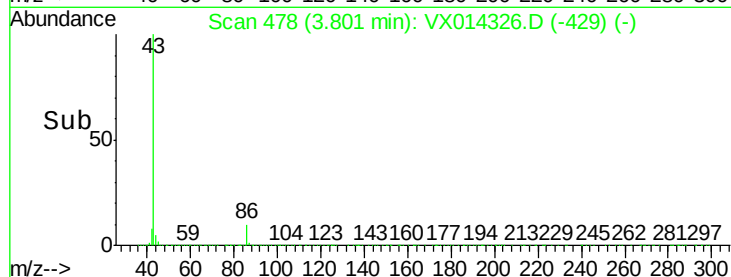
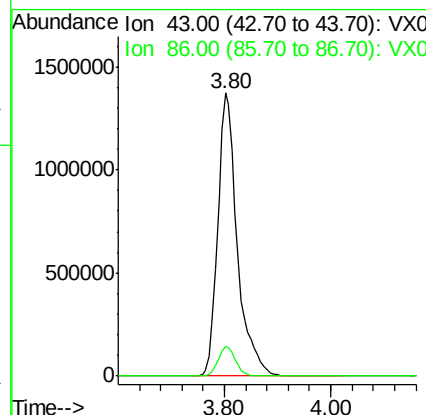
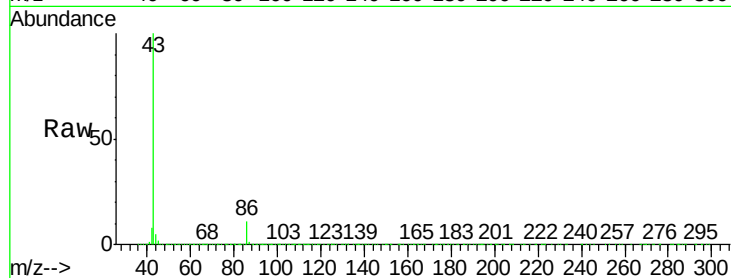




#23
 Vinyl Acetate
 Concen: 273.764 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: VX014326.D
 Acq: 27 Dec 2019 21:57

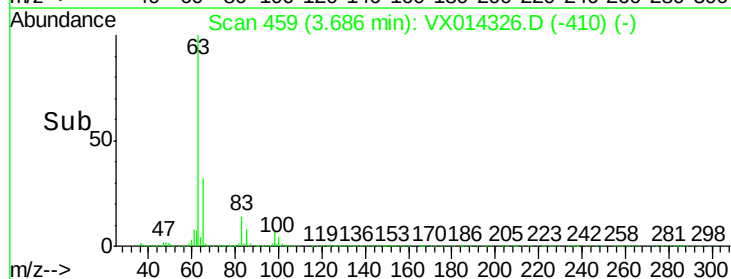
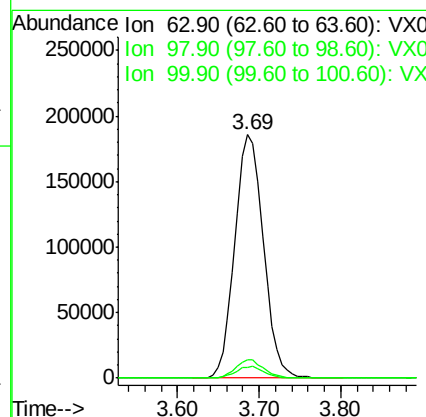
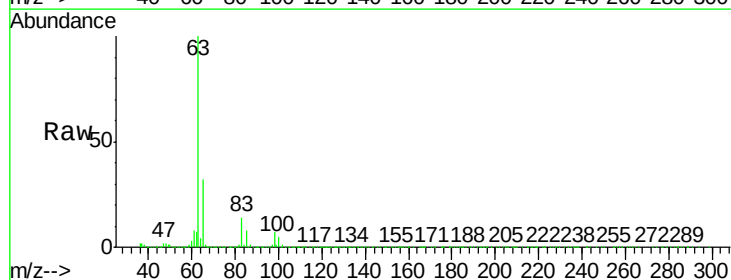
Instrument :
 MSVOA_X
 ClientSampleId :
 OW-5MS

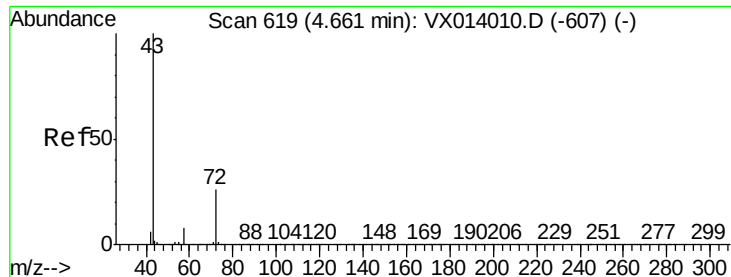
Tgt Ion: 43 Resp: 3482703
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 51.749 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VX014326.D
 Acq: 27 Dec 2019 21:57

Tgt Ion: 63 Resp: 448830
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.8
 100 4.5 2.3 6.8





#25

2-Butanone

Concen: 247.716 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014326.D

Acq: 27 Dec 2019 21:57

Instrument :

MSVOA_X

ClientSampleId :

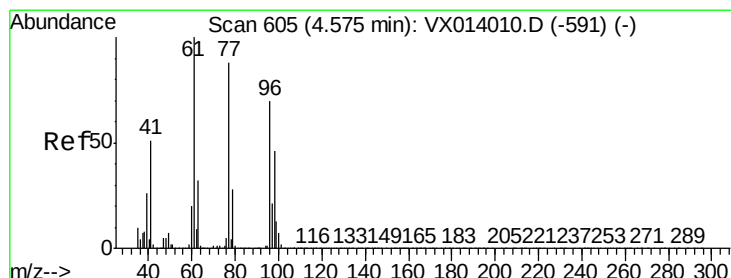
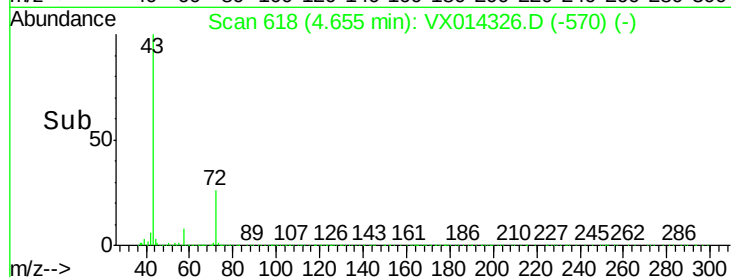
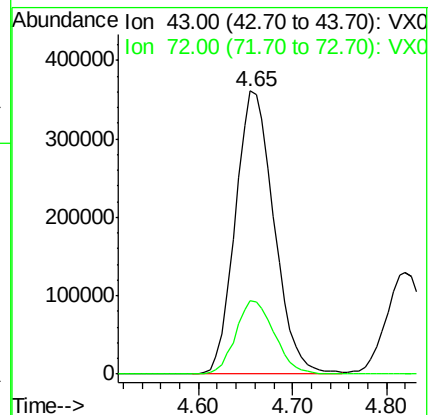
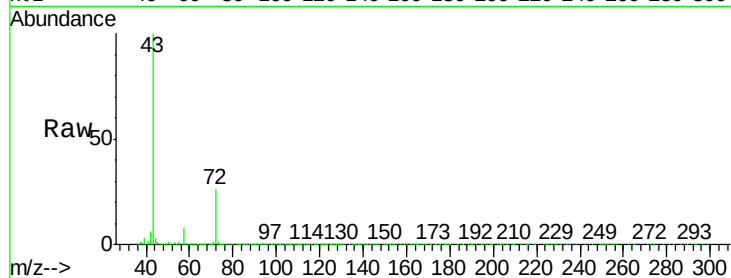
OW-5MS

Tgt Ion: 43 Resp: 1023532

Ion Ratio Lower Upper

43 100

72 25.7 21.0 31.4



#26

2,2-Dichloropropane

Concen: 44.640 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014326.D

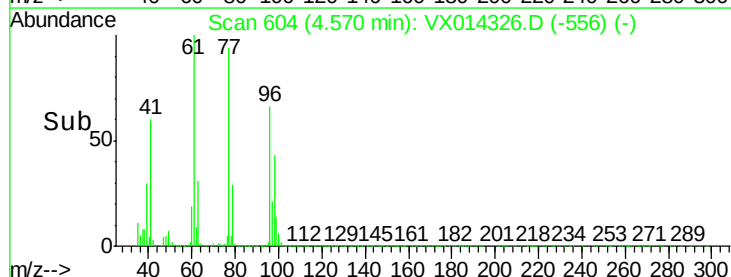
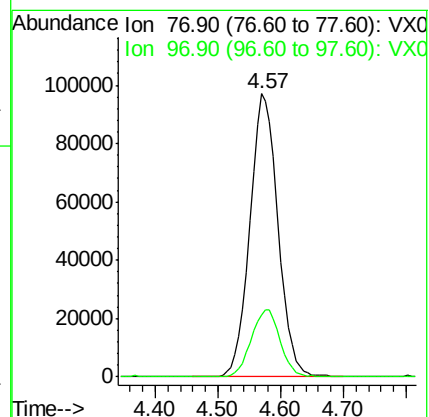
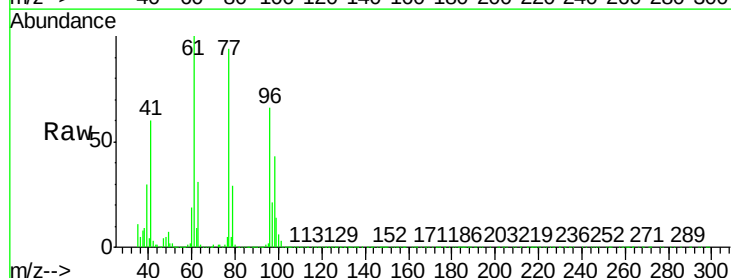
Acq: 27 Dec 2019 21:57

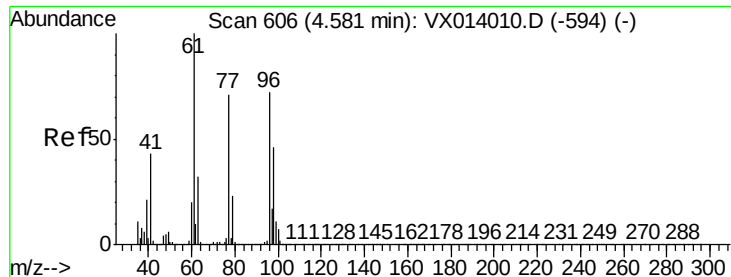
Tgt Ion: 77 Resp: 300603

Ion Ratio Lower Upper

77 100

97 24.3 11.9 35.9



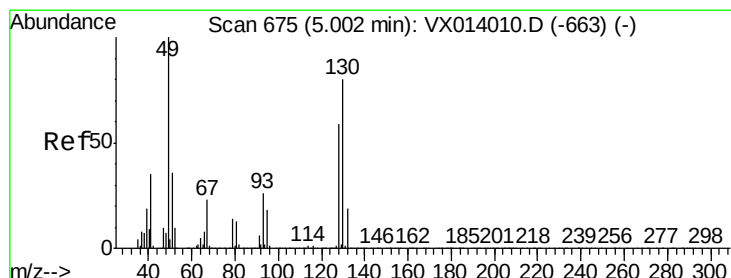
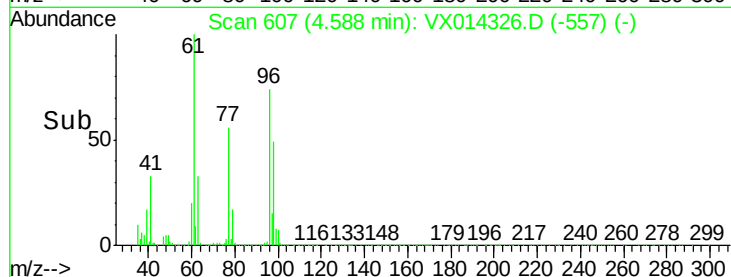
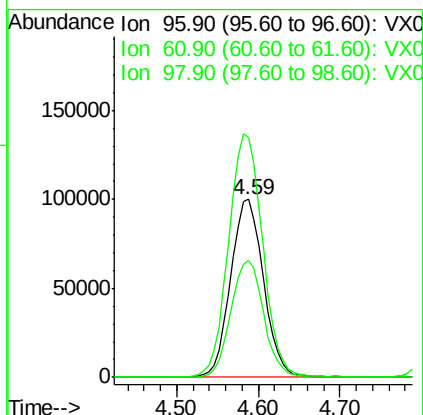
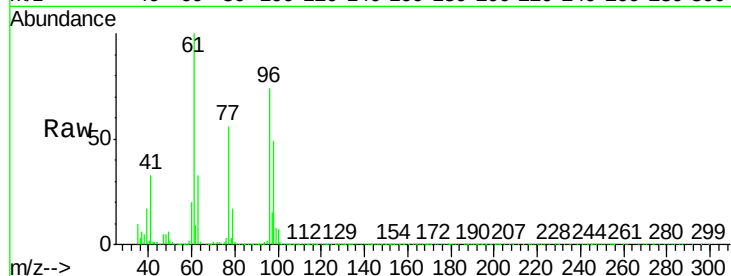


#27

cis-1,2-Dichloroethene
Concen: 50.998 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX014326.D
Acq: 27 Dec 2019 21:57

Instrument :
MSVOA_X
ClientSampleId :
OW-5MS

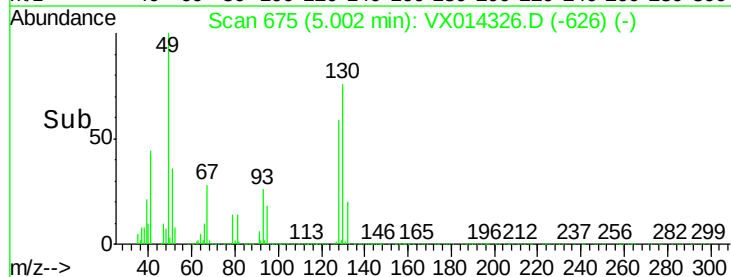
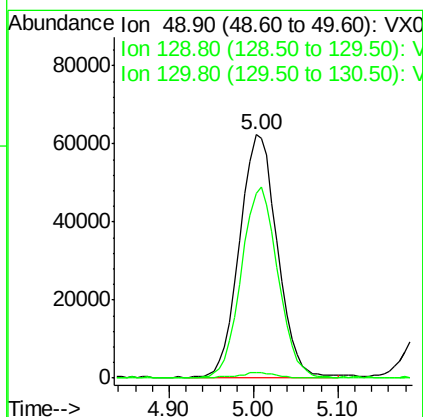
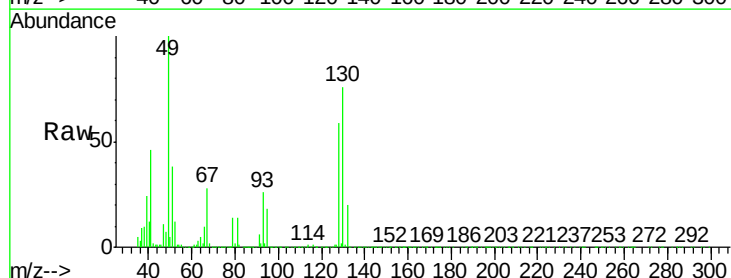
Tgt Ion	Ratio	Lower	Upper
96	100		
61	141.5	0.0	288.4
98	65.7	0.0	129.6

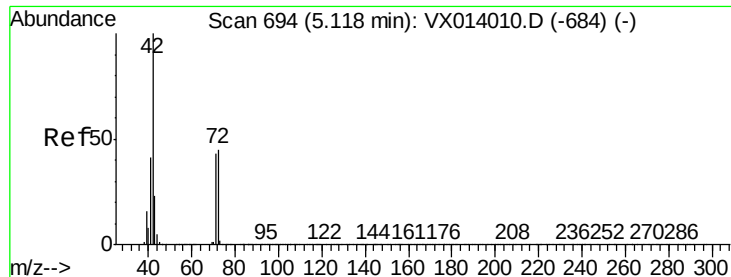


#28

Bromochloromethane
Concen: 56.998 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014326.D
Acq: 27 Dec 2019 21:57

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	75.8	64.6	97.0





#29

Tetrahydrofuran

Concen: 289.838 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX014326.D

Acq: 27 Dec 2019 21:57

Instrument :

MSVOA_X

ClientSampleId :

OW-5MS

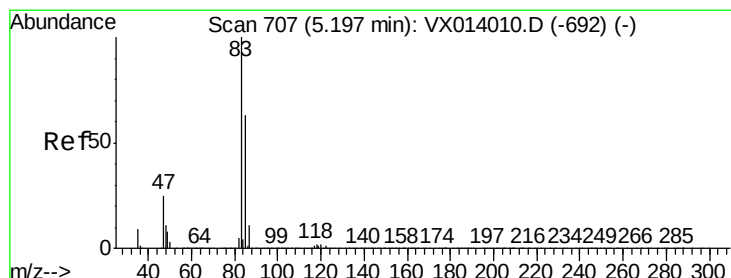
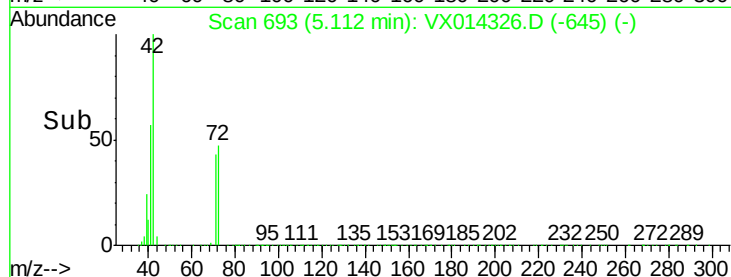
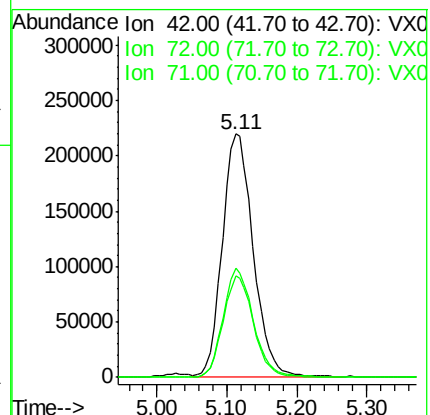
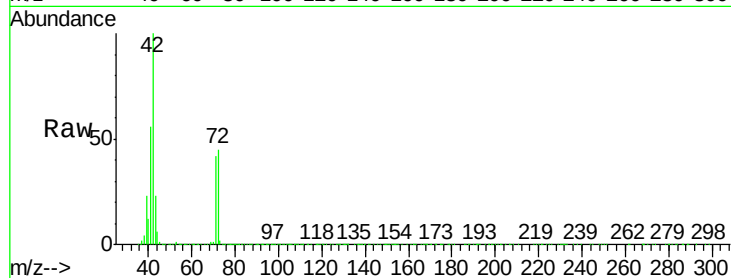
Tgt Ion: 42 Resp: 669834

Ion Ratio Lower Upper

42 100

72 44.3 35.8 53.8

71 40.7 33.6 50.4



#30

Chloroform

Concen: 52.819 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX014326.D

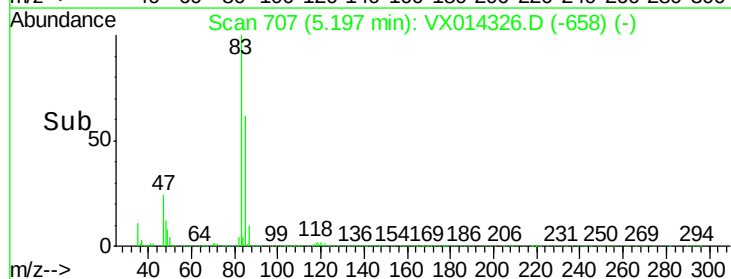
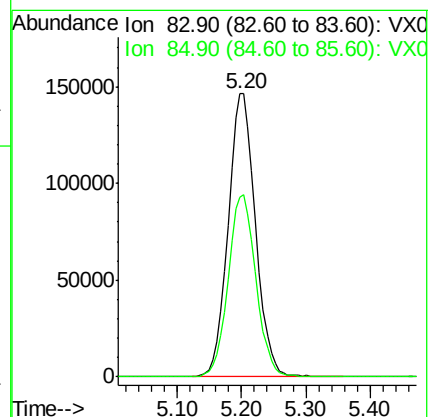
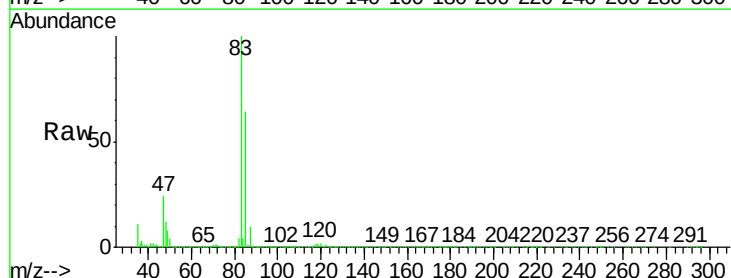
Acq: 27 Dec 2019 21:57

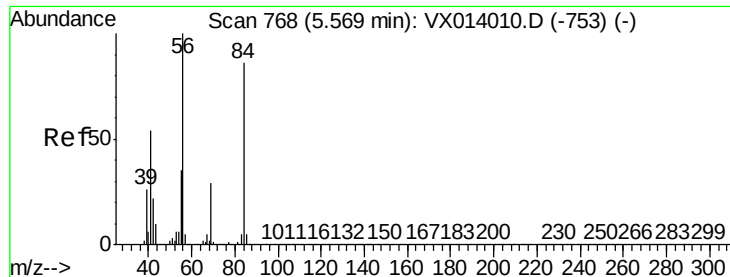
Tgt Ion: 83 Resp: 434277

Ion Ratio Lower Upper

83 100

85 63.4 50.8 76.2

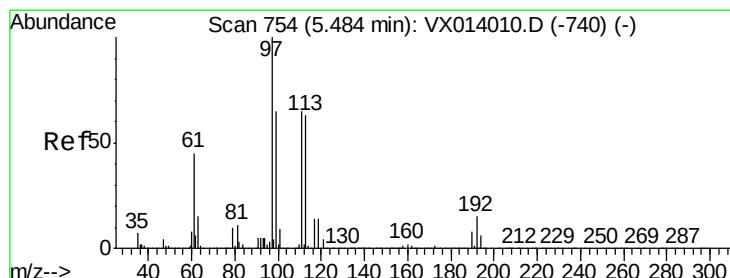
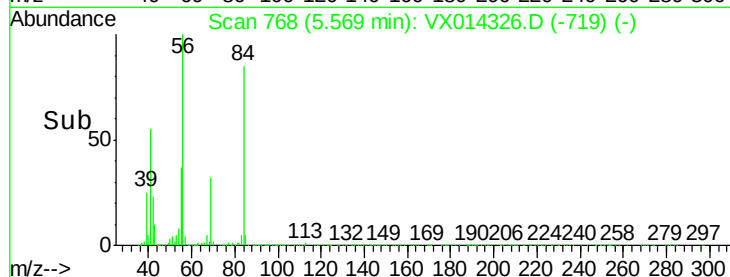
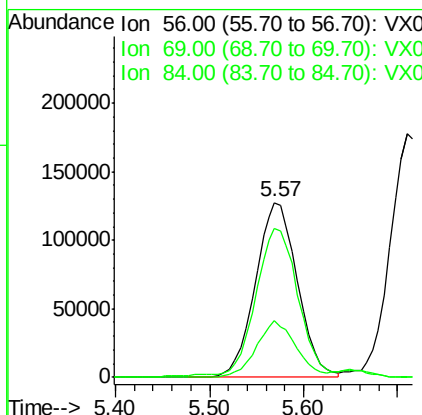
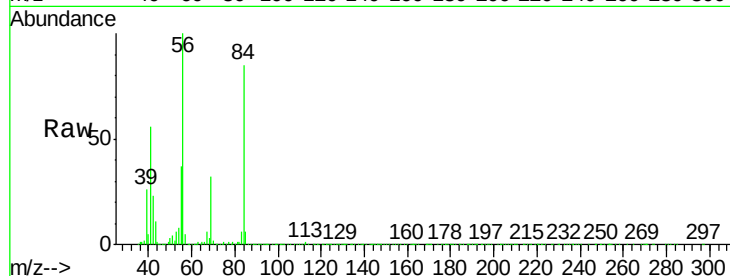




#31
Cyclohexane
Concen: 51.061 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014326.D
Acq: 27 Dec 2019 21:57

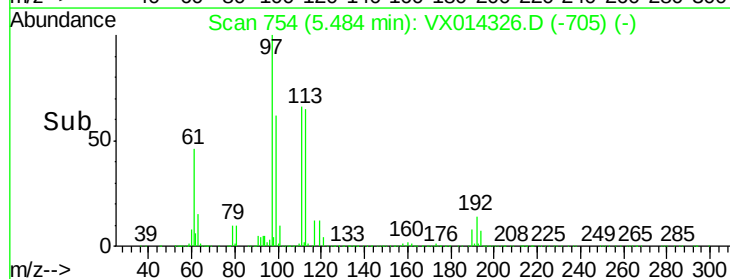
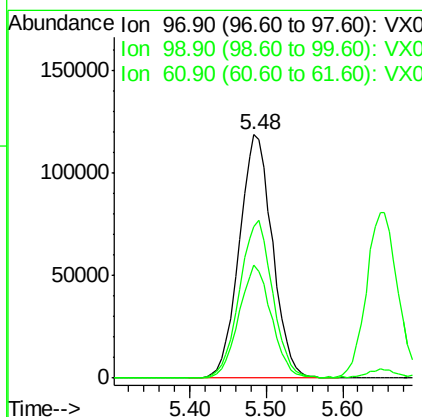
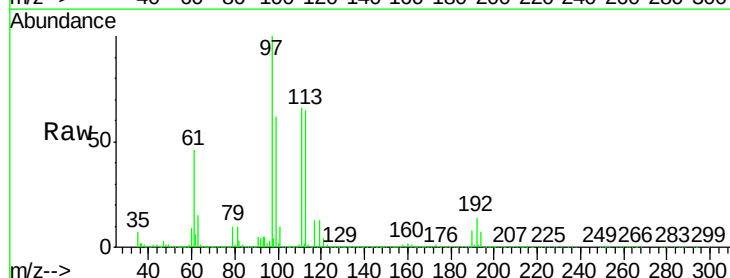
Instrument :
MSVOA_X
ClientSampleId :
OW-5MS

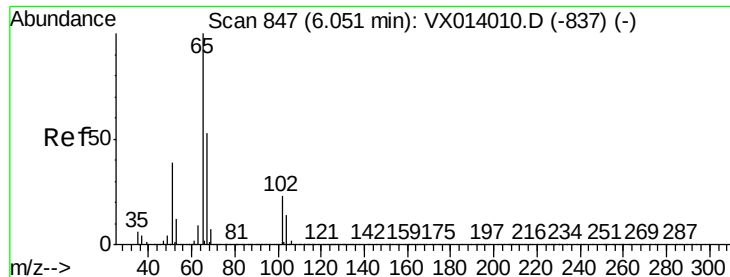
Tgt Ion: 56 Resp: 393879
Ion Ratio Lower Upper
56 100
69 32.1 23.2 34.8
84 84.2 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 50.983 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014326.D
Acq: 27 Dec 2019 21:57

Tgt Ion: 97 Resp: 357253
Ion Ratio Lower Upper
97 100
99 64.5 52.0 78.0
61 45.3 36.7 55.1

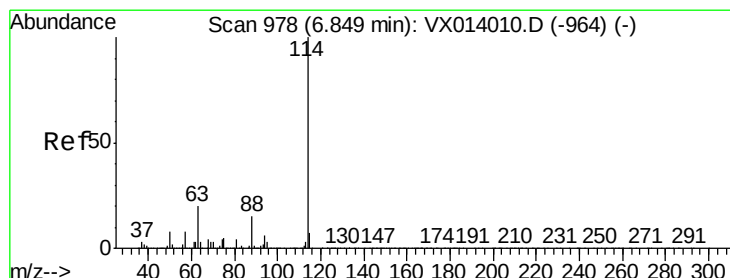
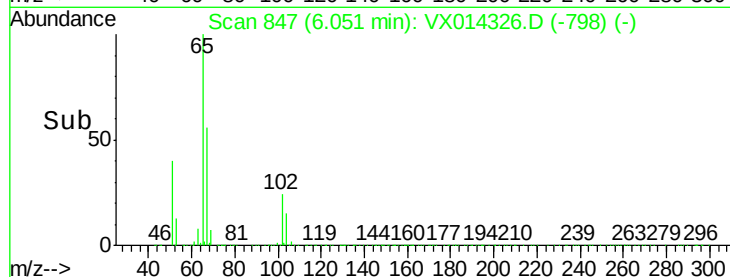
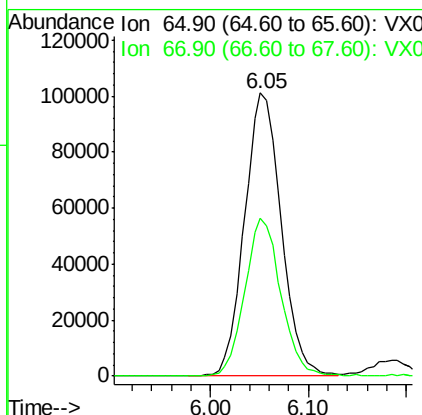
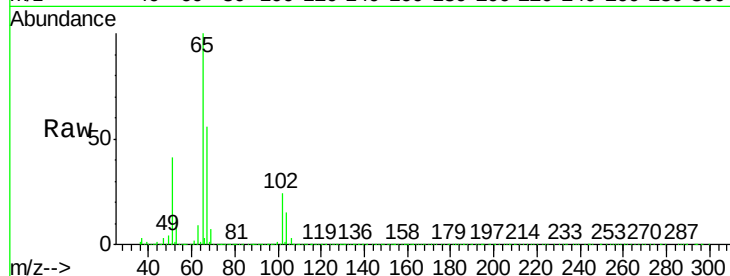




#33
 1,2-Dichloroethane-d4
 Concen: 50.999 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014326.D
 Acq: 27 Dec 2019 21:57

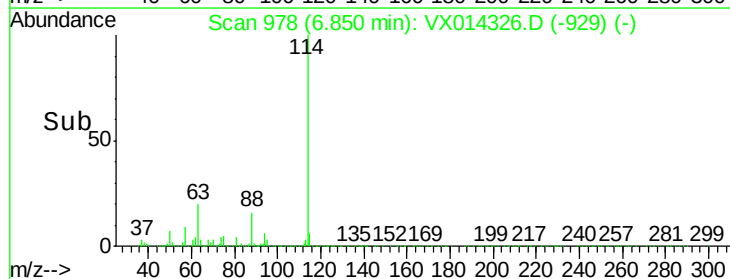
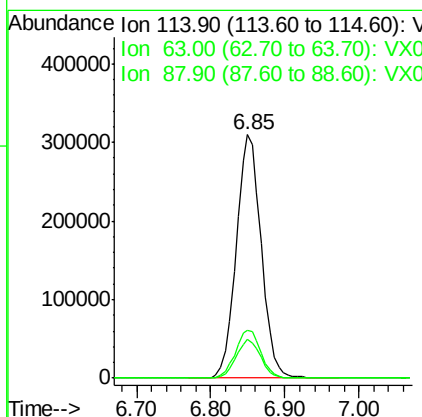
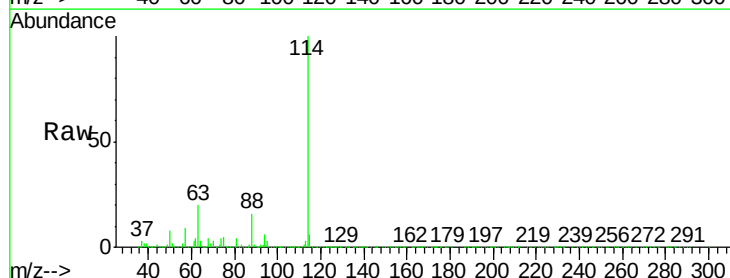
Instrument :
 MSVOA_X
 ClientSampleId :
 OW-5MS

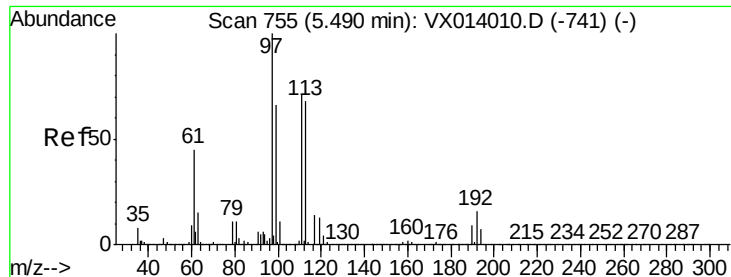
Tgt Ion: 65 Resp: 263268
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014326.D
 Acq: 27 Dec 2019 21:57

Tgt Ion: 114 Resp: 725903
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.8
 88 15.9 0.0 30.4





#35

Dibromofluoromethane

Concen: 51.135 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014326.D

Acq: 27 Dec 2019 21:57

Instrument :

MSVOA_X

ClientSampleId :

OW-5MS

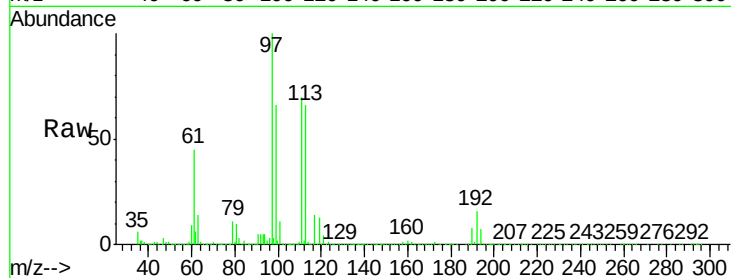
Tgt Ion:113 Resp: 225645

Ion Ratio Lower Upper

113 100

111 101.8 82.0 123.0

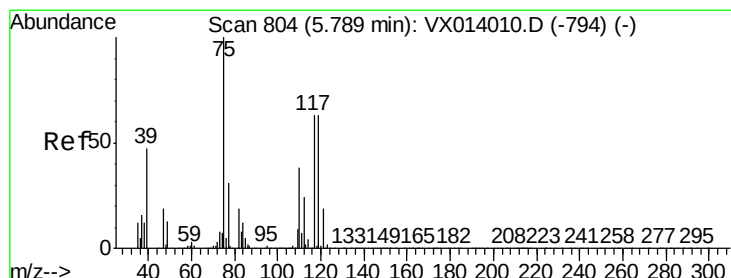
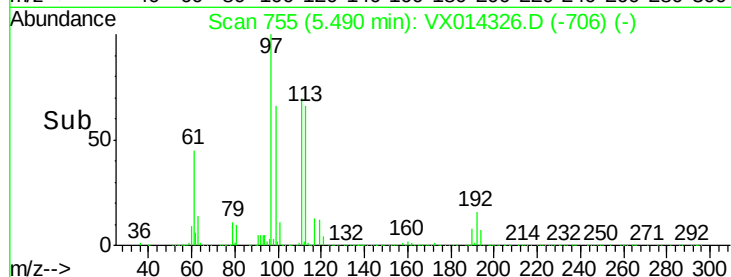
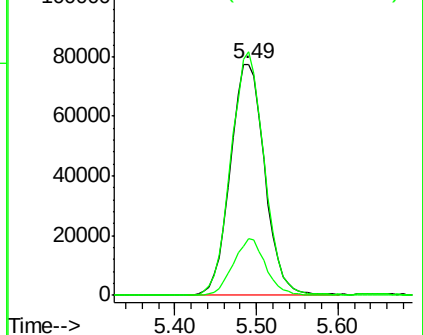
192 22.7 19.3 28.9



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: 48.201 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX014326.D

Acq: 27 Dec 2019 21:57

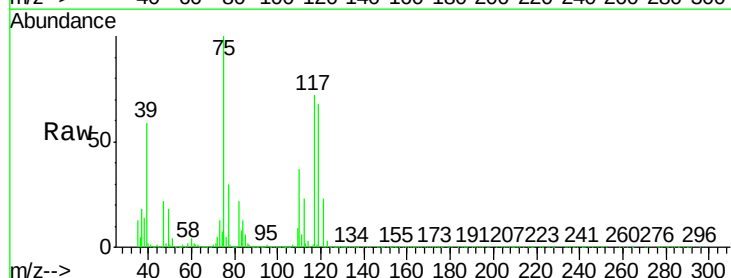
Tgt Ion: 75 Resp: 321044

Ion Ratio Lower Upper

75 100

110 36.3 18.3 54.9

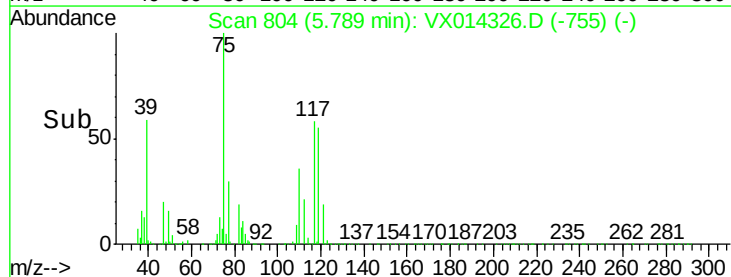
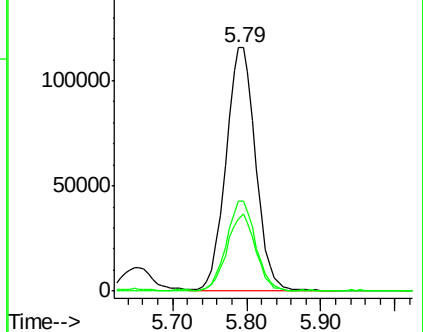
77 29.9 24.8 37.2

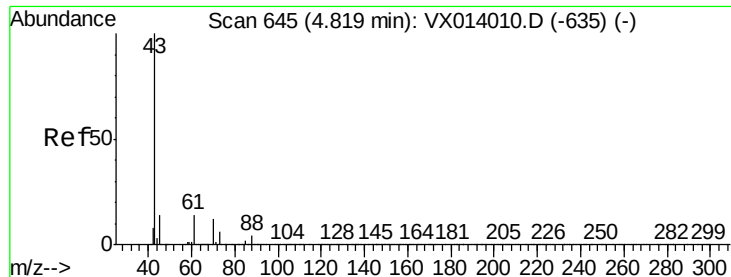


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

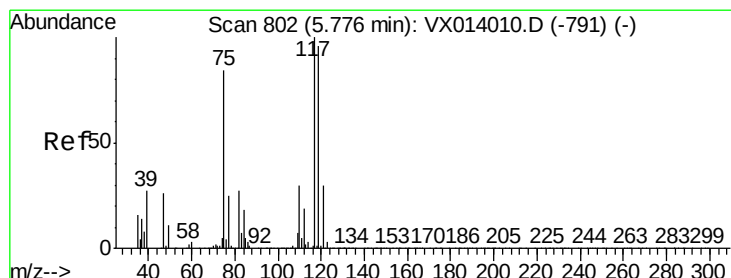
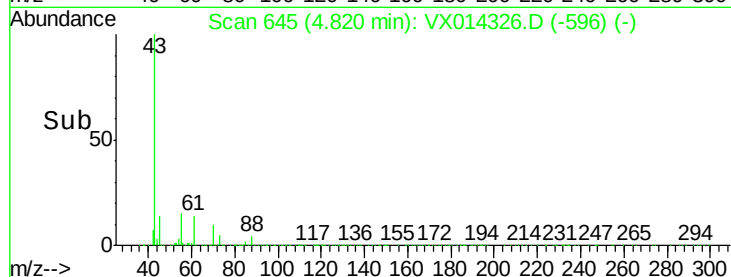
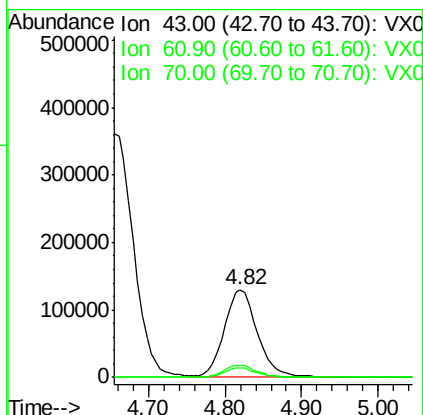
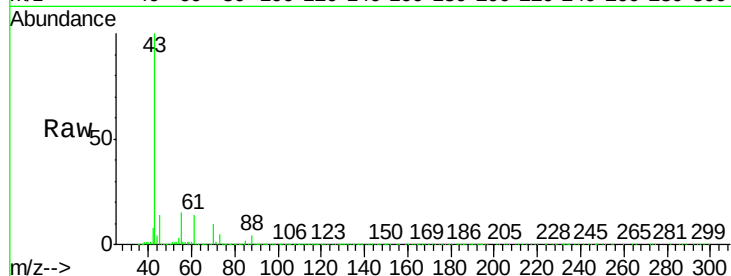




#37
Ethyl Acetate
Concen: 51.816 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014326.D
Acq: 27 Dec 2019 21:57

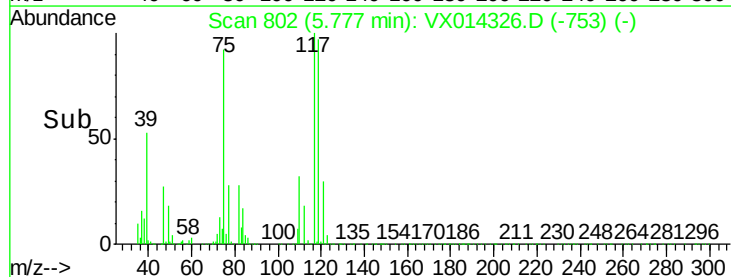
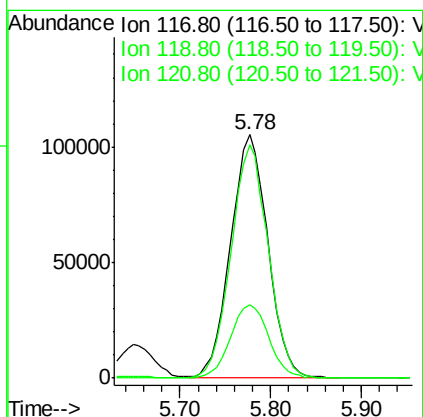
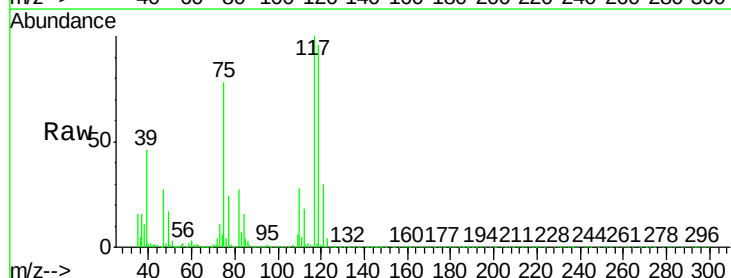
Instrument :
MSVOA_X
ClientSampleId :
OW-5MS

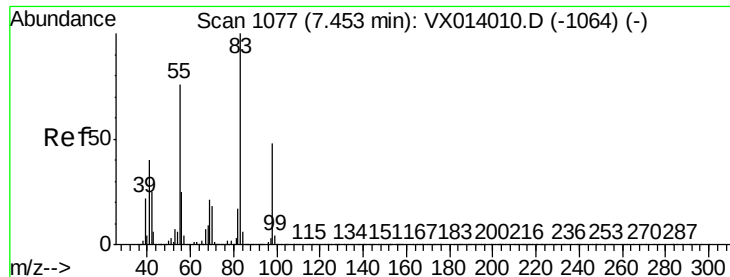
Tgt Ion: 43 Resp: 381117
Ion Ratio Lower Upper
43 100
61 13.7 10.8 16.2
70 10.6 8.6 12.8



#38
Carbon Tetrachloride
Concen: 49.175 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014326.D
Acq: 27 Dec 2019 21:57

Tgt Ion: 117 Resp: 298377
Ion Ratio Lower Upper
117 100
119 95.7 76.2 114.4
121 29.9 23.6 35.4

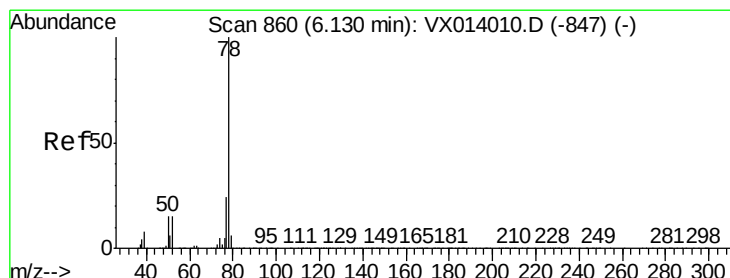
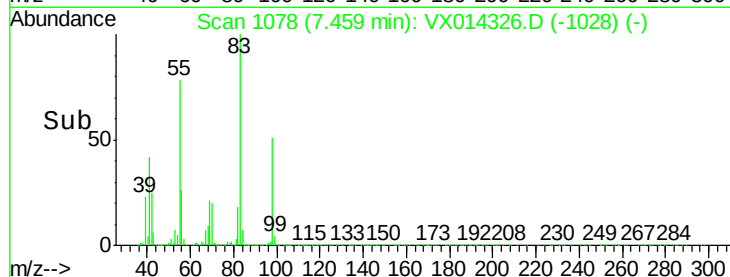
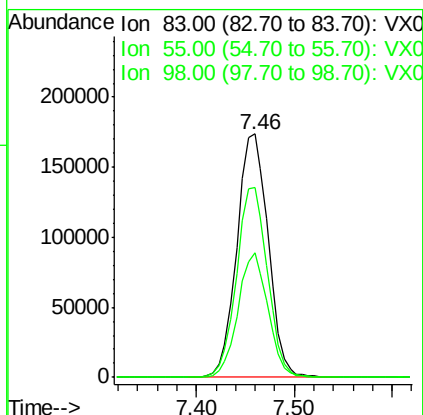
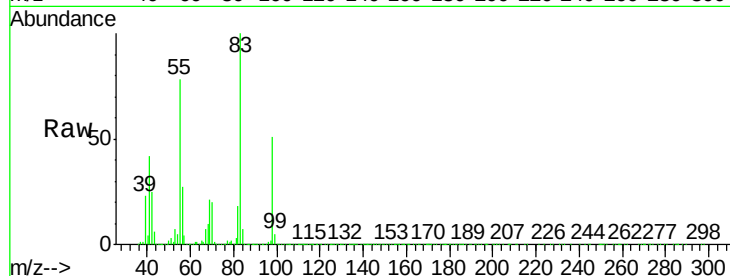




#39
Methylcyclohexane
Concen: 46.732 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014326.D
Acq: 27 Dec 2019 21:57

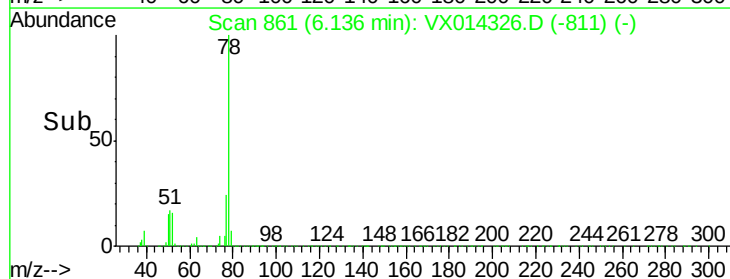
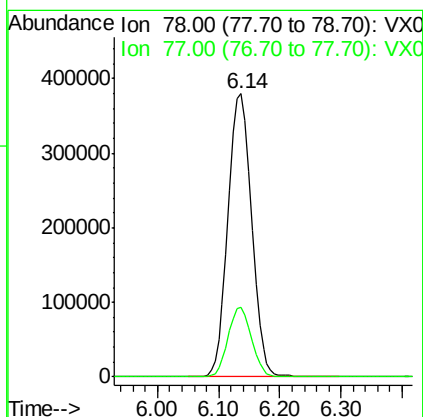
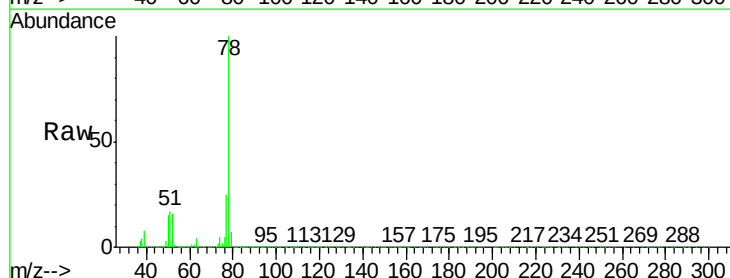
Instrument :
MSVOA_X
ClientSampleId :
OW-5MS

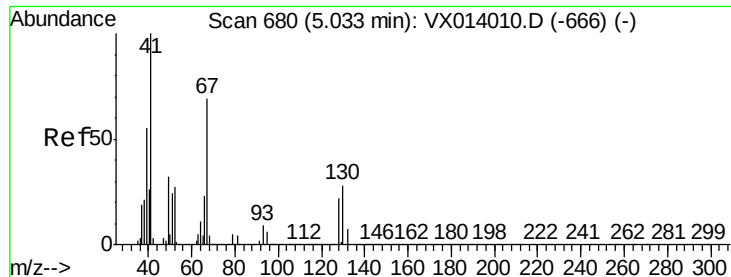
Tgt Ion: 83 Resp: 384334
Ion Ratio Lower Upper
83 100
55 77.8 61.0 91.6
98 51.1 38.6 57.8



#40
Benzene
Concen: 49.489 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014326.D
Acq: 27 Dec 2019 21:57

Tgt Ion: 78 Resp: 1014212
Ion Ratio Lower Upper
78 100
77 24.5 18.8 28.2

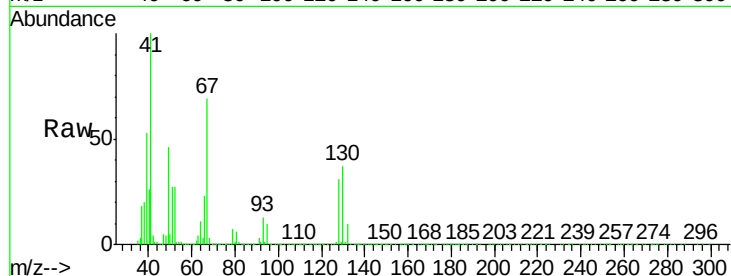




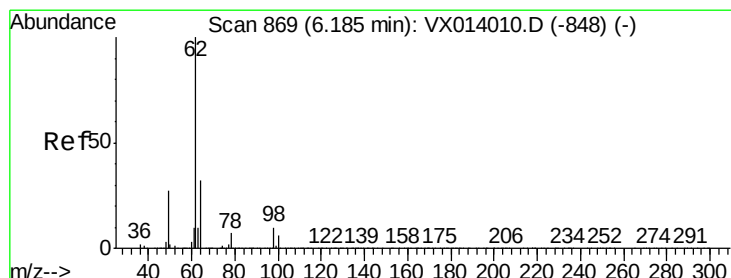
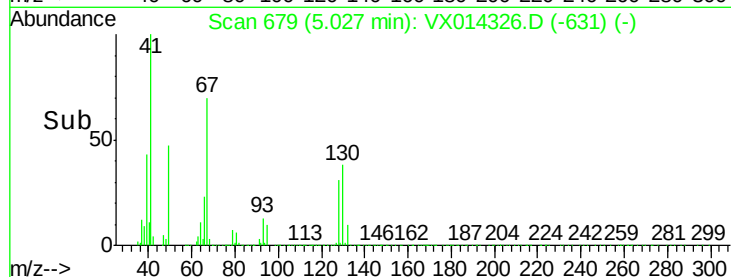
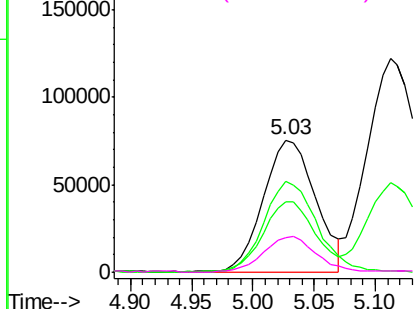
#41
Methacrylonitrile
Concen: 54.788 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014326.D
Acq: 27 Dec 2019 21:57

Instrument :
MSVOA_X
ClientSampleId :
OW-5MS

Tgt Ion:	41	Resp:	223591
Ion	Ratio	Lower	Upper
41	100		
39	53.3	44.5	66.7
67	71.0	57.4	86.0
52	26.8	23.0	34.4

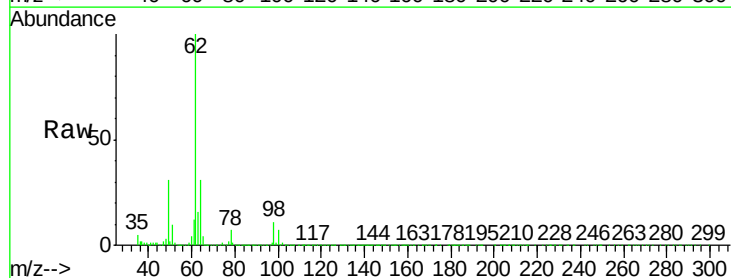


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

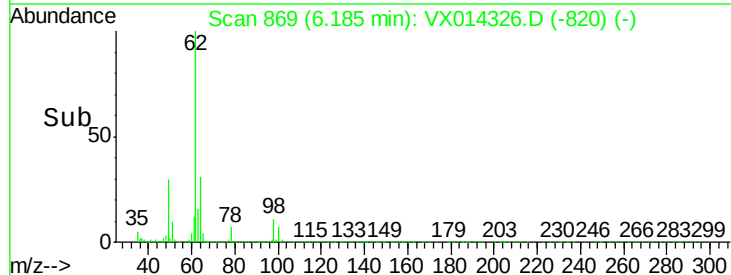
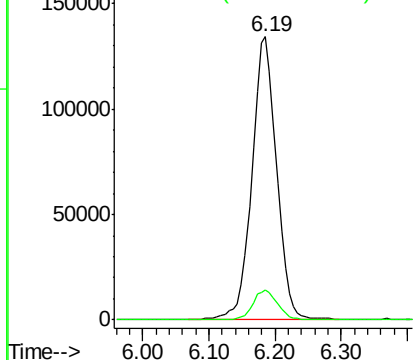


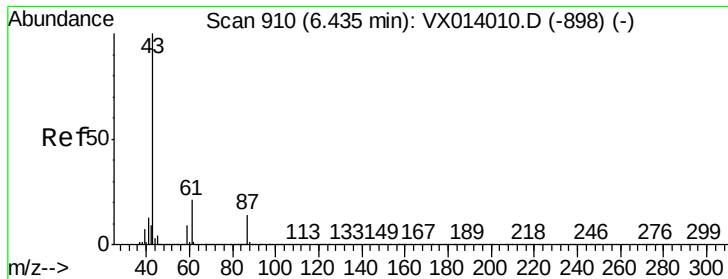
#42
1,2-Dichloroethane
Concen: 50.479 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014326.D
Acq: 27 Dec 2019 21:57

Tgt Ion:	62	Resp:	350673
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

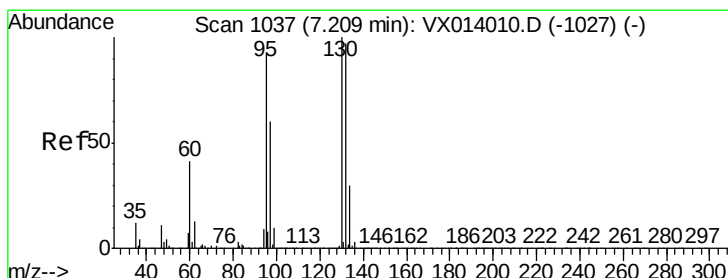
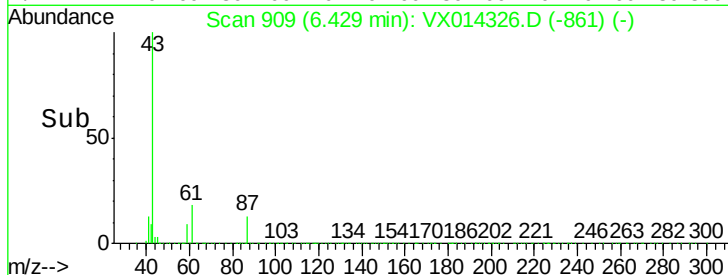
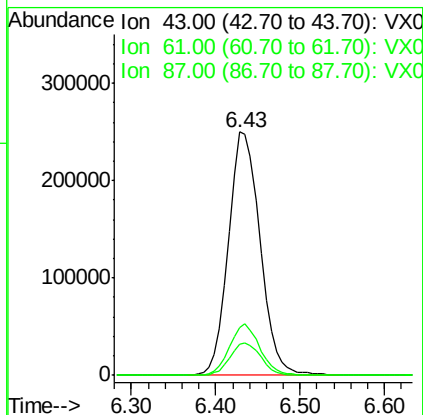
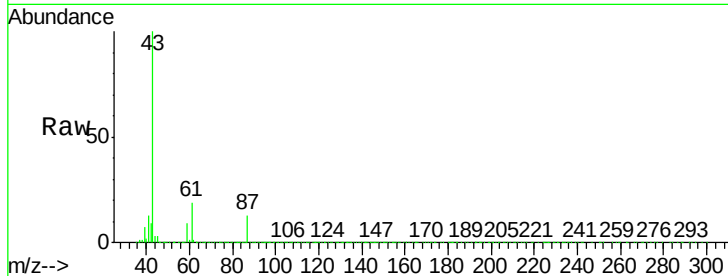




#43
Isopropyl Acetate
Concen: 52.099 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX014326.D
Acq: 27 Dec 2019 21:57

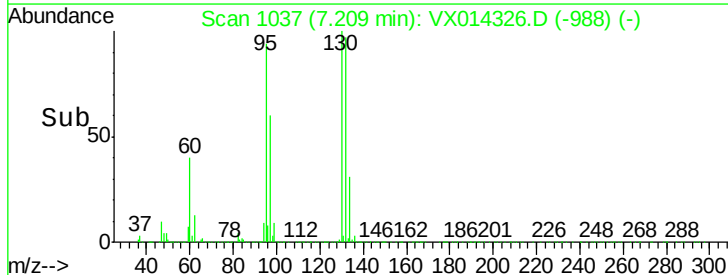
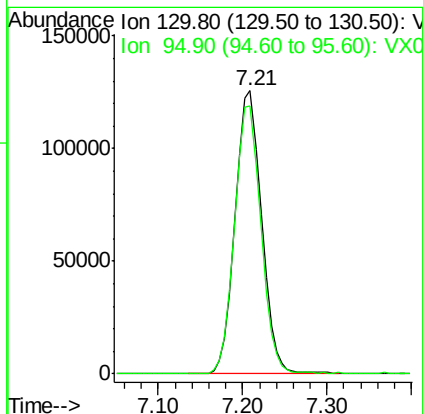
Instrument :
MSVOA_X
ClientSampleId :
OW-5MS

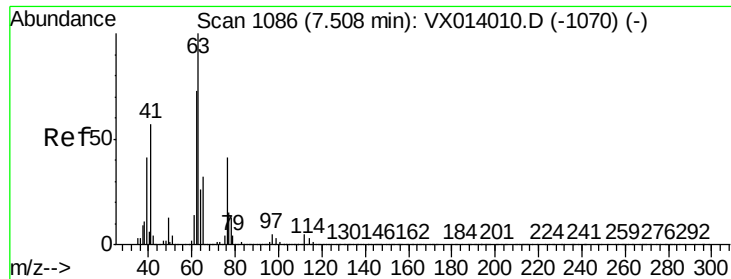
Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.0	16.4	24.6
87	13.0	10.7	16.1



#44
Trichloroethene
Concen: 47.182 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VX014326.D
Acq: 27 Dec 2019 21:57

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.4	0.0	185.6





#45

1,2-Dichloropropane

Concen: 51.536 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014326.D

Acq: 27 Dec 2019 21:57

Instrument :

MSVOA_X

ClientSampled :

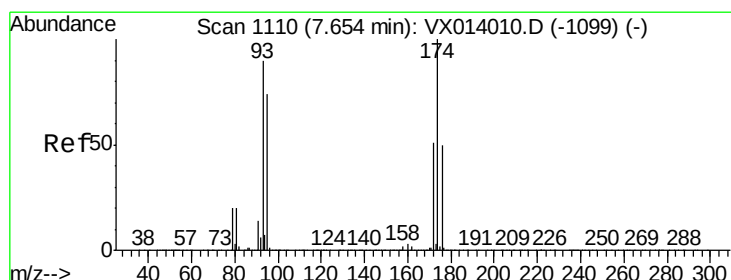
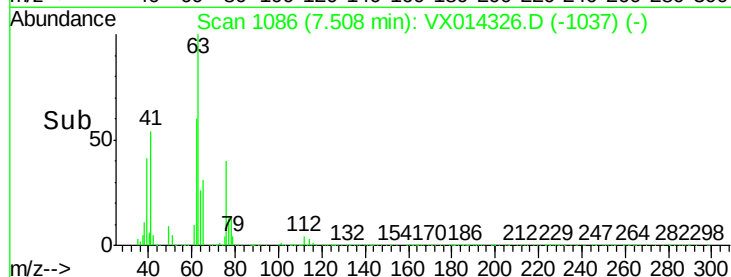
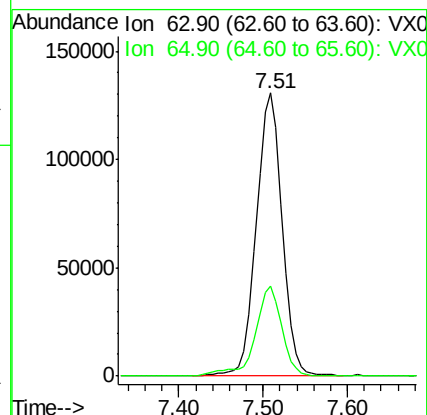
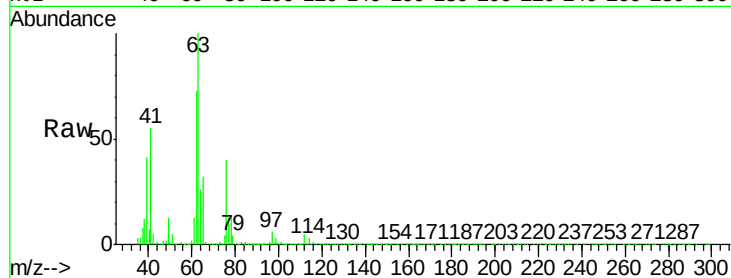
OW-5MS

Tgt Ion: 63 Resp: 270706

Ion Ratio Lower Upper

63 100

65 31.7 25.8 38.8



#46

Dibromomethane

Concen: 49.312 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014326.D

Acq: 27 Dec 2019 21:57

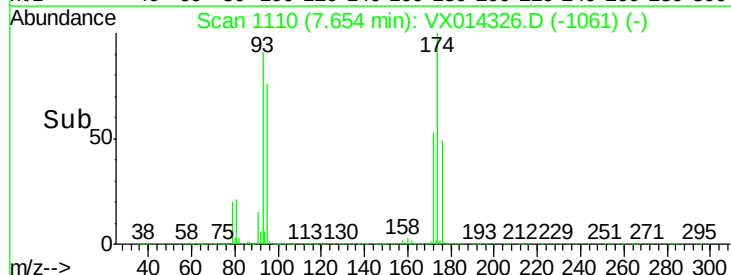
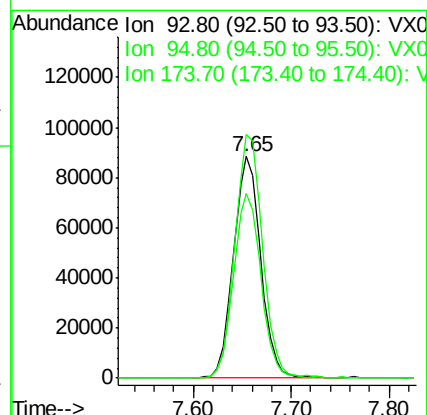
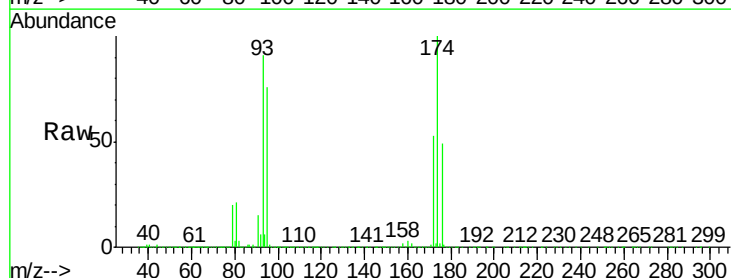
Tgt Ion: 93 Resp: 171255

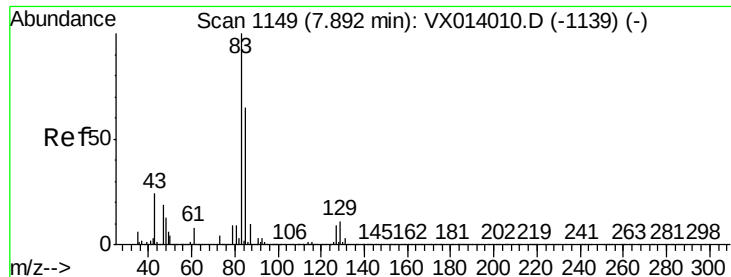
Ion Ratio Lower Upper

93 100

95 83.5 67.3 100.9

174 111.7 91.6 137.4





#47

Bromodichloromethane

Concen: 51.455 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014326.D

Acq: 27 Dec 2019 21:57

Instrument :

MSVOA_X

ClientSampleId :

OW-5MS

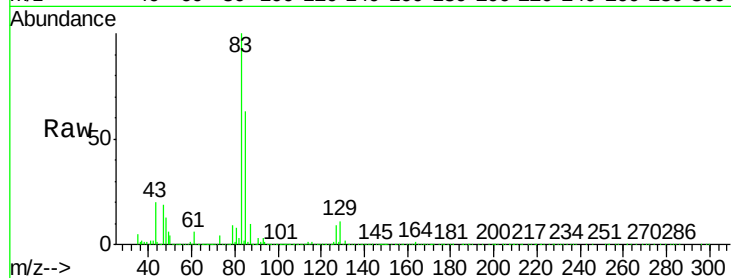
Tgt Ion: 83 Resp: 336545

Ion Ratio Lower Upper

83 100

85 62.5 51.8 77.8

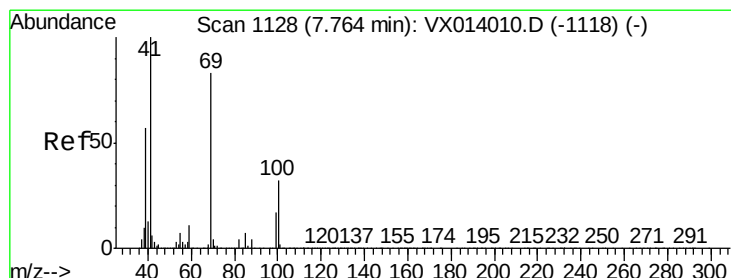
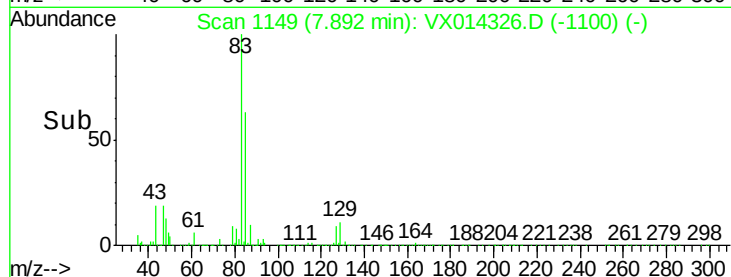
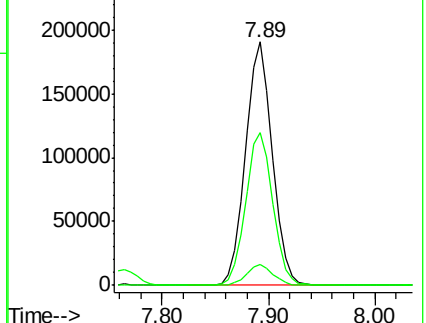
127 8.6 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 53.758 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014326.D

Acq: 27 Dec 2019 21:57

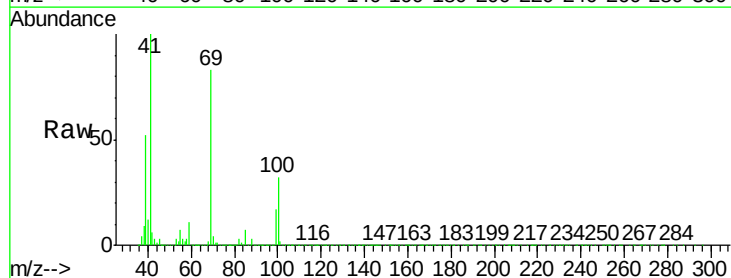
Tgt Ion: 41 Resp: 320421

Ion Ratio Lower Upper

41 100

69 81.0 65.8 98.6

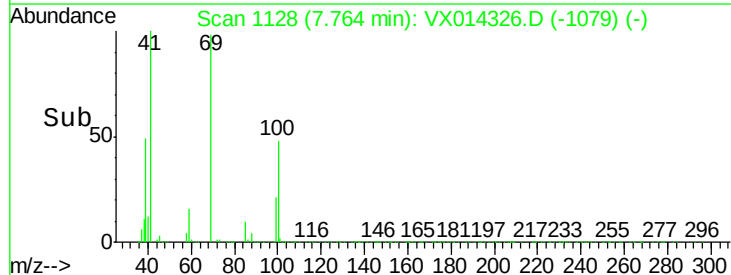
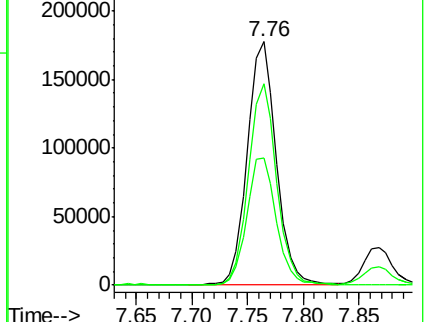
39 53.0 44.6 67.0

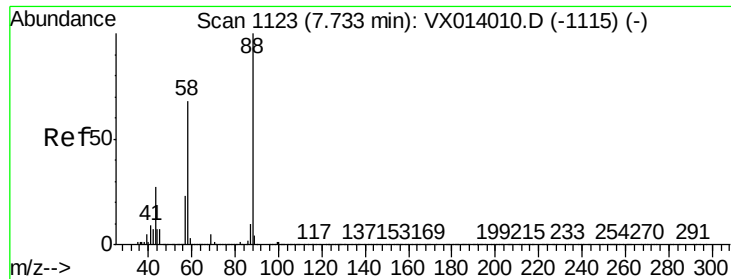


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 970.943 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX014326.D

Acq: 27 Dec 2019 21:57

Instrument :

MSVOA_X

ClientSampleId :

OW-5MS

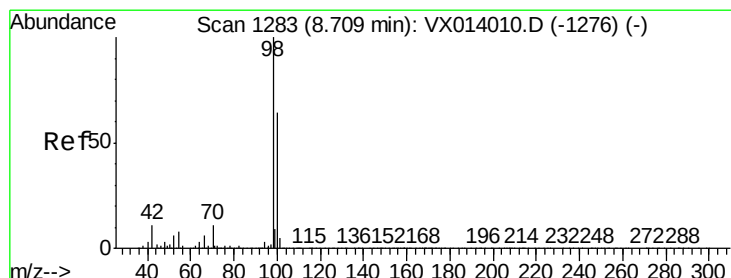
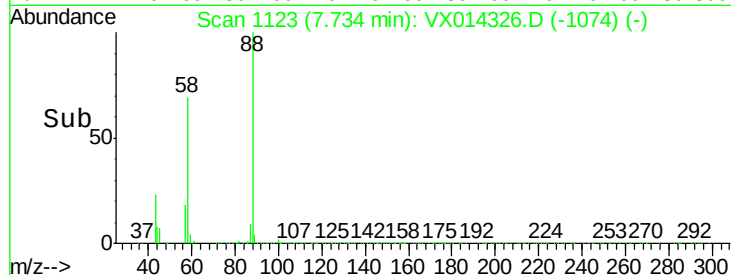
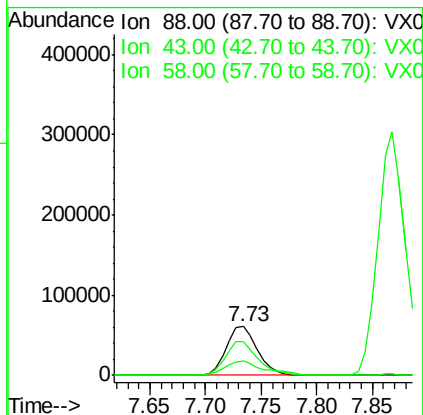
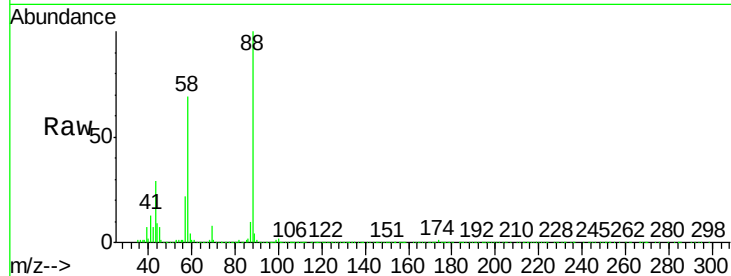
Tgt Ion: 88 Resp: 117773

Ion Ratio Lower Upper

88 100

43 34.6 26.5 39.7

58 72.3 56.8 85.2



#50

Toluene-d8

Concen: 49.769 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014326.D

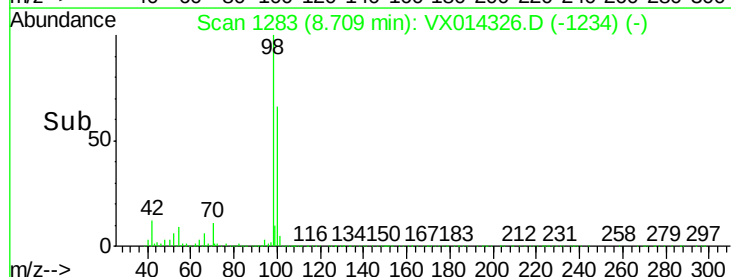
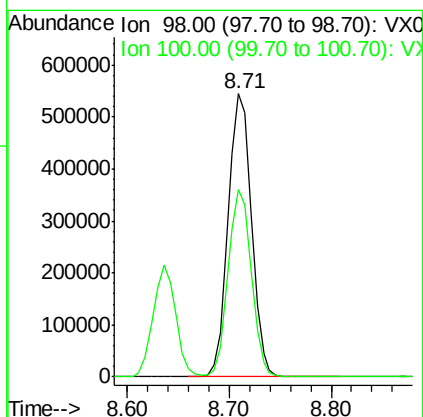
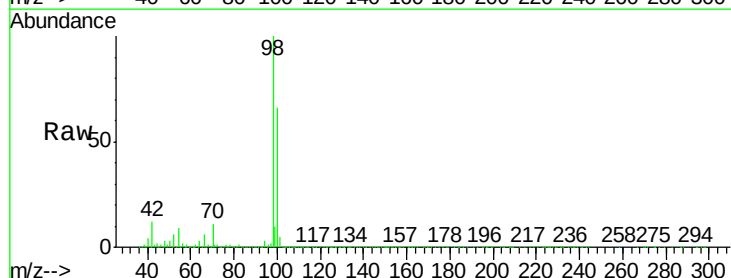
Acq: 27 Dec 2019 21:57

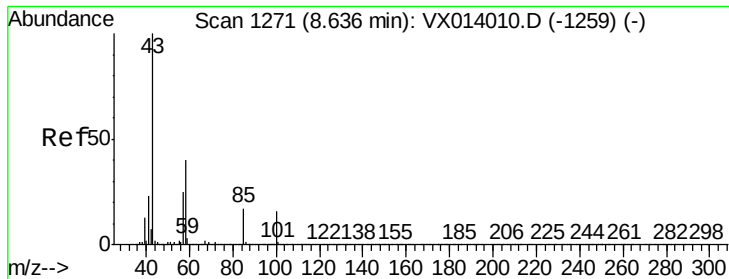
Tgt Ion: 98 Resp: 855011

Ion Ratio Lower Upper

98 100

100 65.6 52.9 79.3

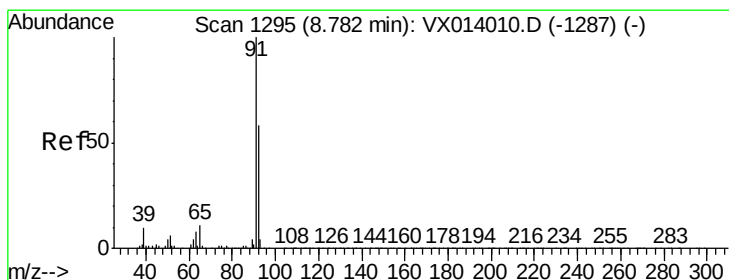
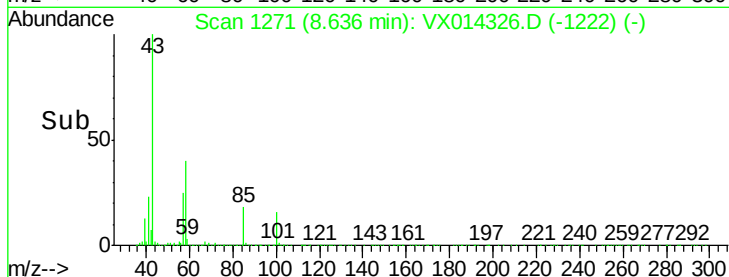
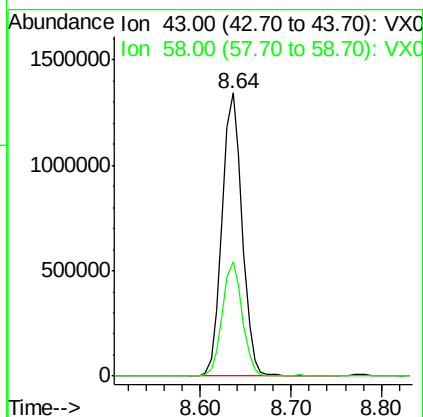
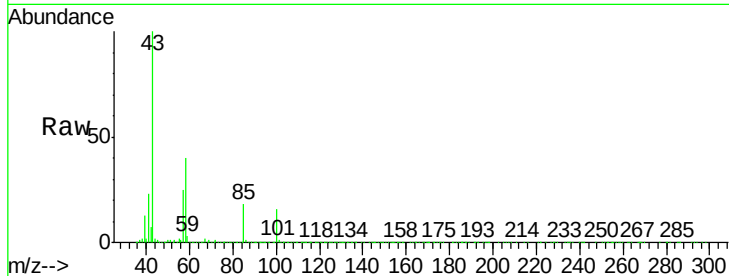




#51
 4-Methyl-2-Pentanone
 Concen: 272.118 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VX014326.D
 Acq: 27 Dec 2019 21:57

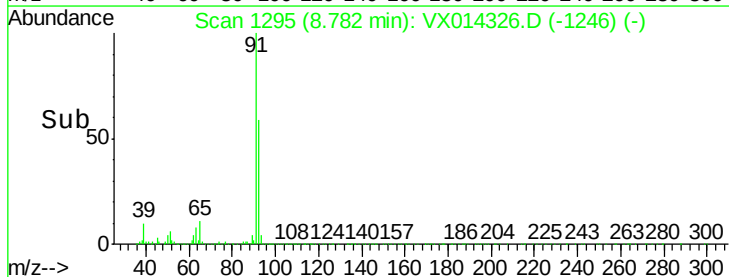
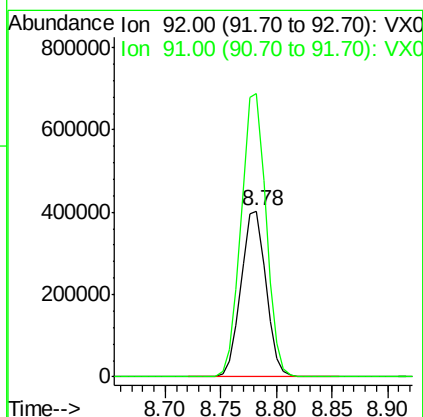
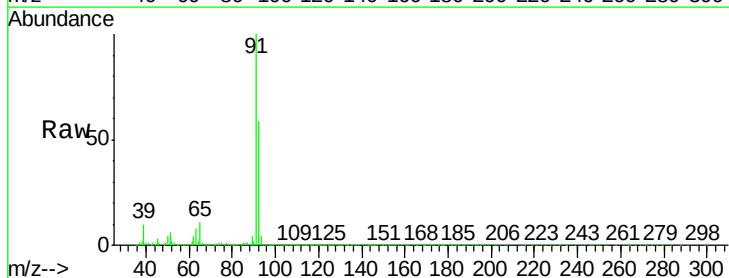
Instrument :
 MSVOA_X
 ClientSampleId :
 OW-5MS

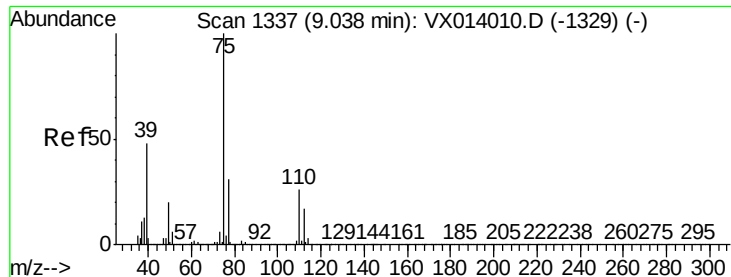
Tgt Ion: 43 Resp: 2080201
 Ion Ratio Lower Upper
 43 100
 58 40.0 32.2 48.2



#52
 Toluene
 Concen: 48.621 ug/l
 RT: 8.78 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: VX014326.D
 Acq: 27 Dec 2019 21:57

Tgt Ion: 92 Resp: 629807
 Ion Ratio Lower Upper
 92 100
 91 171.2 136.2 204.4





#53

t-1,3-Dichloropropene

Concen: 50.785 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX014326.D

Acq: 27 Dec 2019 21:57

Instrument :

MSVOA_X

ClientSampleId :

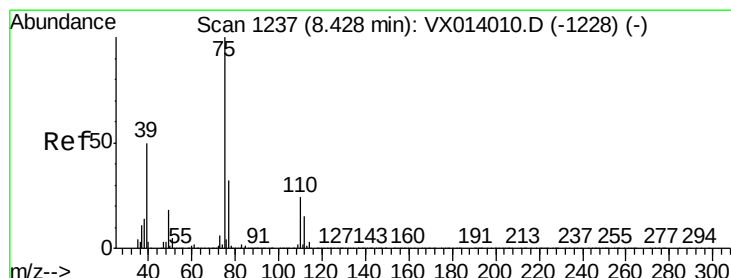
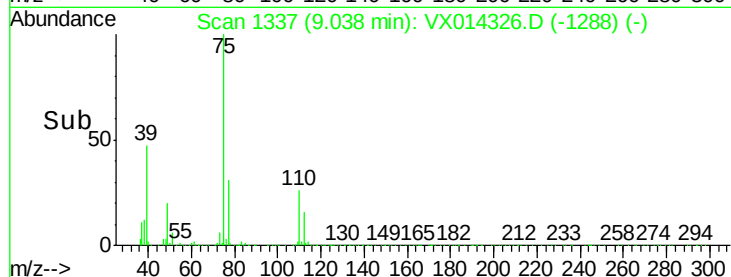
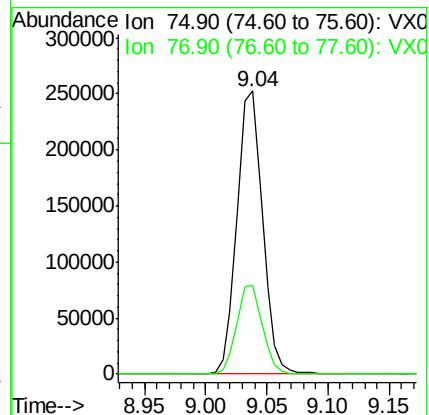
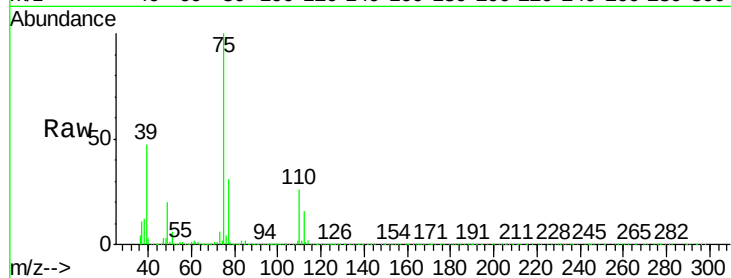
OW-5MS

Tgt Ion: 75 Resp: 364217

Ion Ratio Lower Upper

75 100

77 31.3 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 51.006 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014326.D

Acq: 27 Dec 2019 21:57

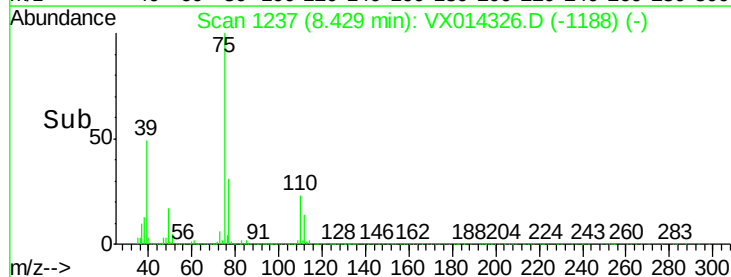
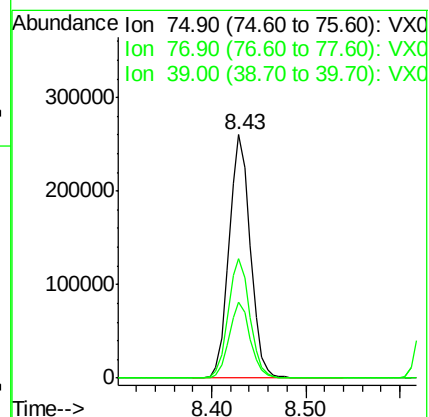
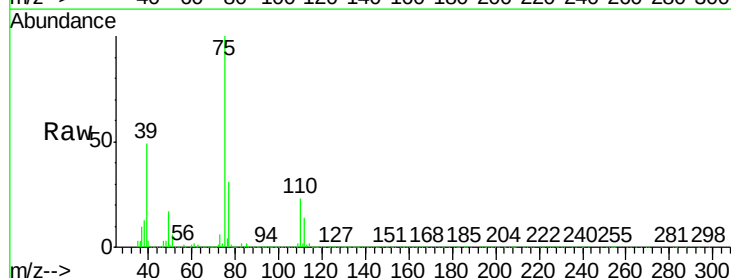
Tgt Ion: 75 Resp: 407528

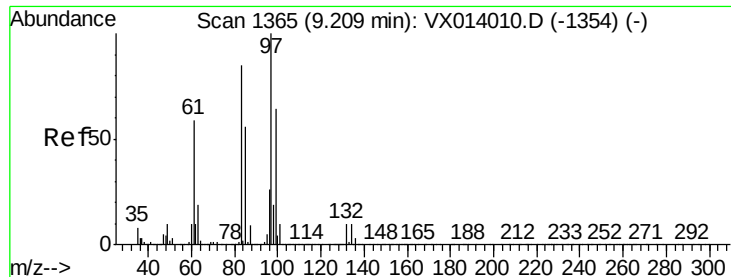
Ion Ratio Lower Upper

75 100

77 30.9 25.3 37.9

39 49.0 39.9 59.9

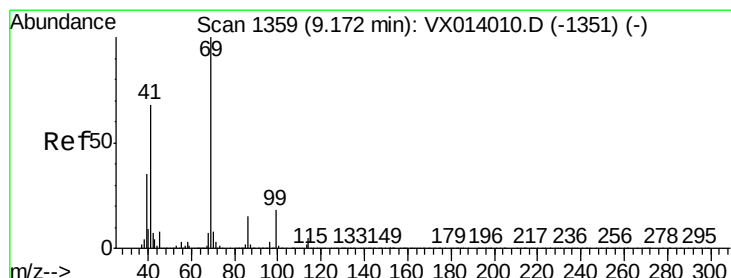
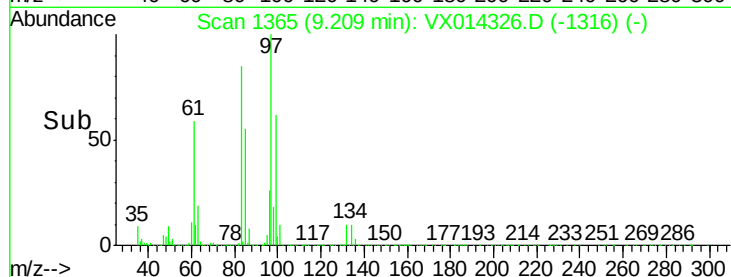
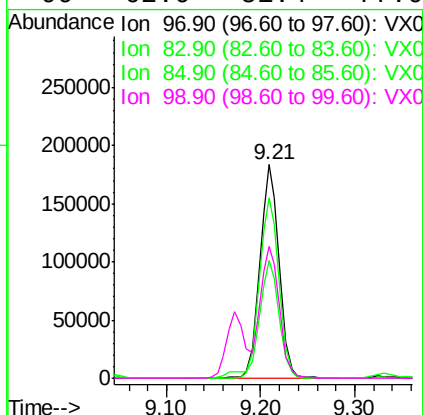
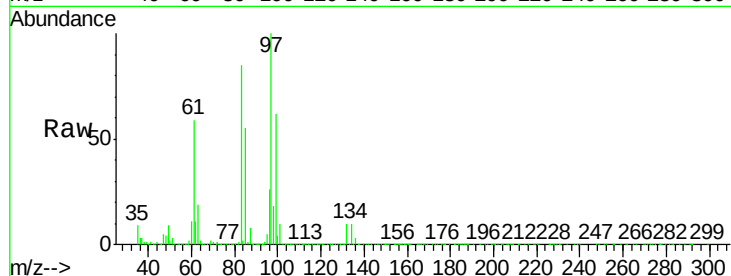




#55
 1,1,2-Trichloroethane
 Concen: 50.994 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014326.D
 Acq: 27 Dec 2019 21:57

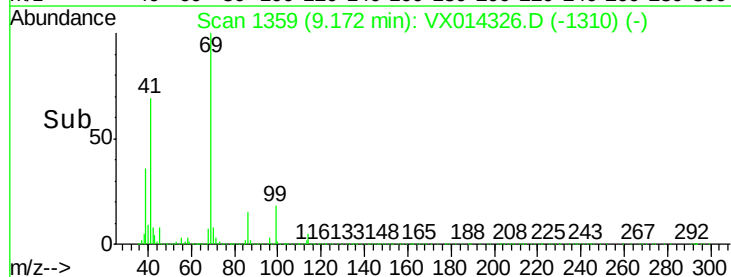
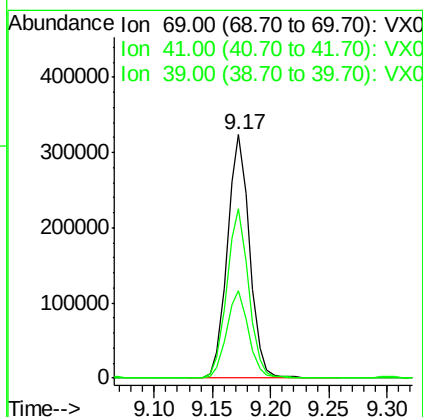
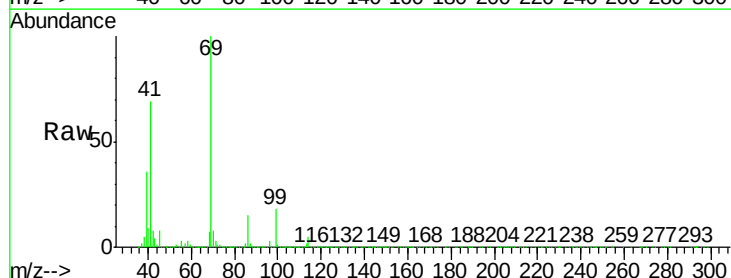
Instrument :
 MSVOA_X
 ClientSampled :
 OW-5MS

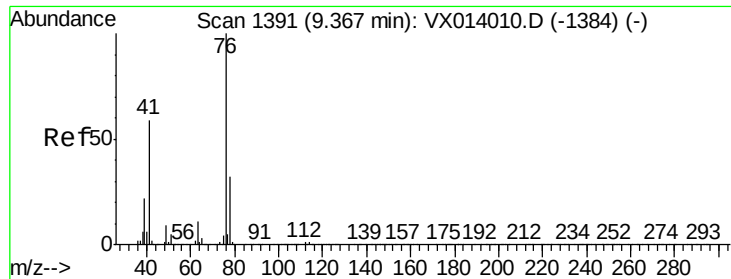
Tgt Ion:	97	Resp:	264742
Ion	Ratio	Lower	Upper
97	100		
83	84.5	68.2	102.4
85	54.9	44.6	66.8
99	62.0	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 52.506 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014326.D
 Acq: 27 Dec 2019 21:57

Tgt Ion:	69	Resp:	428199
Ion	Ratio	Lower	Upper
69	100		
41	68.7	54.8	82.2
39	35.6	28.3	42.5

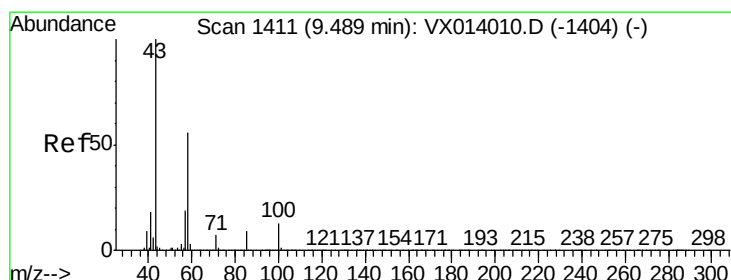
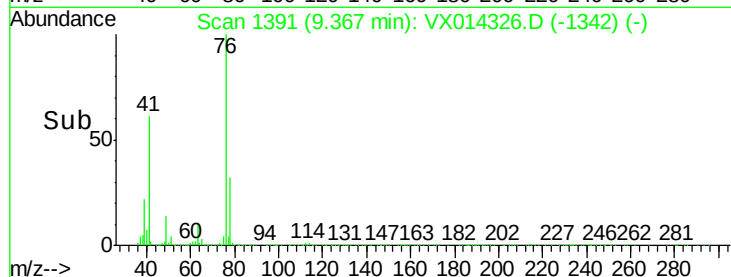
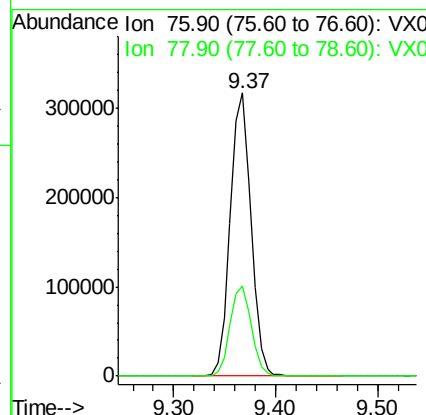
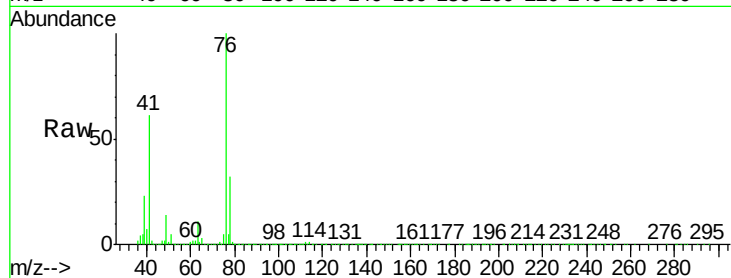




#57
 1,3-Dichloropropane
 Concen: 51.077 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX014326.D
 Acq: 27 Dec 2019 21:57

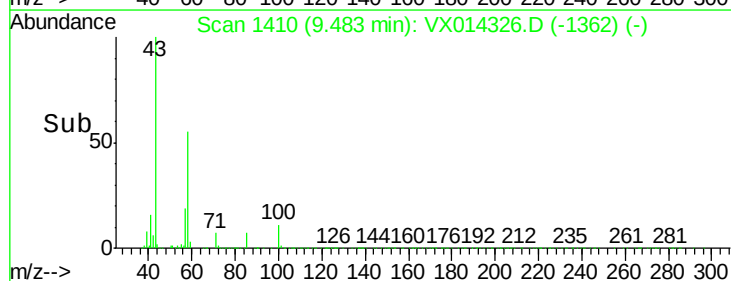
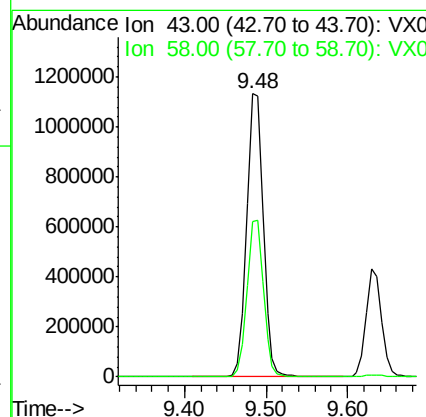
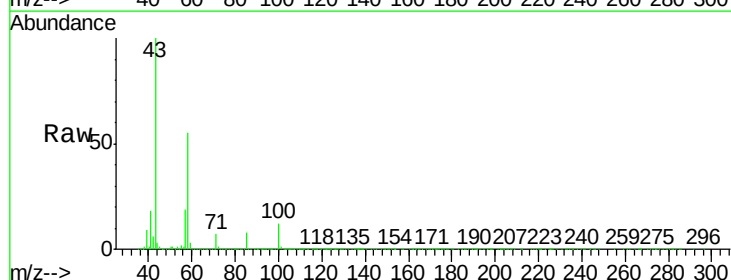
Instrument :
 MSVOA_X
 ClientSampleId :
 OW-5MS

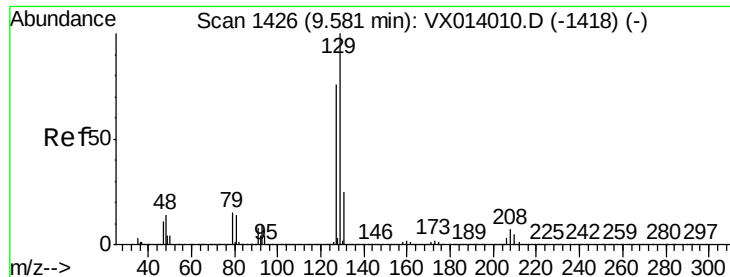
Tgt Ion: 76 Resp: 446152
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.8 38.6



#59
 2-Hexanone
 Concen: 257.307 ug/l
 RT: 9.48 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX014326.D
 Acq: 27 Dec 2019 21:57

Tgt Ion: 43 Resp: 1583422
 Ion Ratio Lower Upper
 43 100
 58 55.3 28.0 84.0





#60

Dibromochloromethane

Concen: 53.252 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.00 min

Lab File: VX014326.D

Acq: 27 Dec 2019 21:57

Instrument :

MSVOA_X

ClientSampleId :

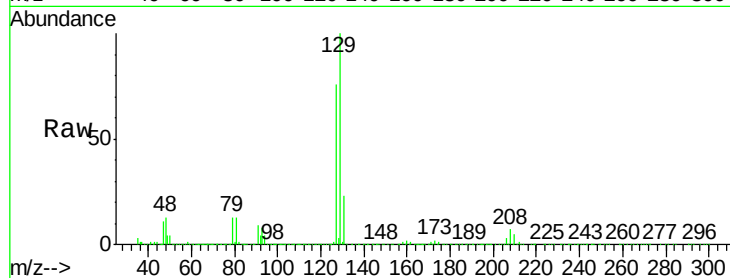
OW-5MS

Tgt Ion:129 Resp: 274808

Ion Ratio Lower Upper

129 100

127 76.4 38.4 115.2



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.58

200000

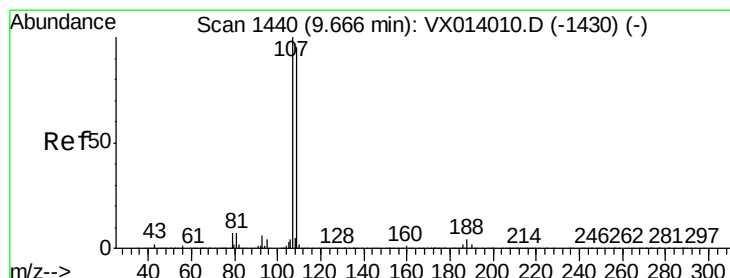
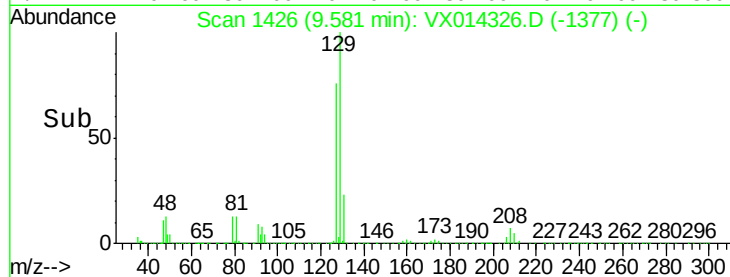
150000

100000

50000

0

Time-->



#61

1,2-Dibromoethane

Concen: 51.590 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014326.D

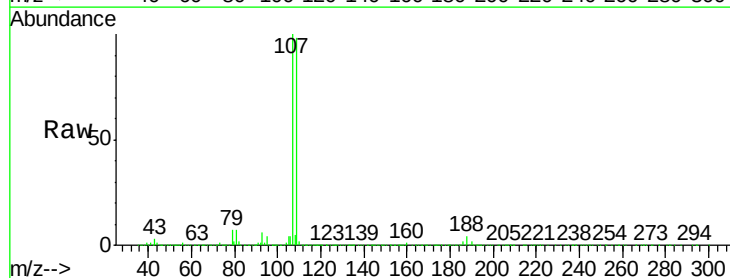
Acq: 27 Dec 2019 21:57

Tgt Ion:107 Resp: 274039

Ion Ratio Lower Upper

107 100

109 94.0 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

200000

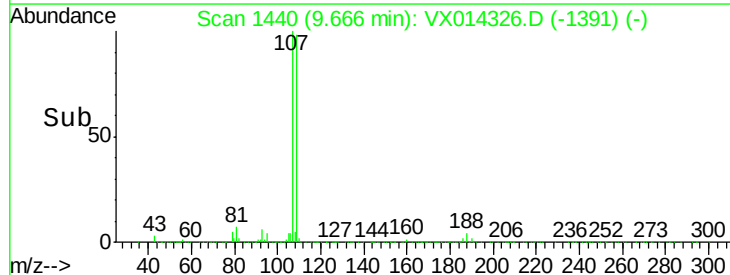
150000

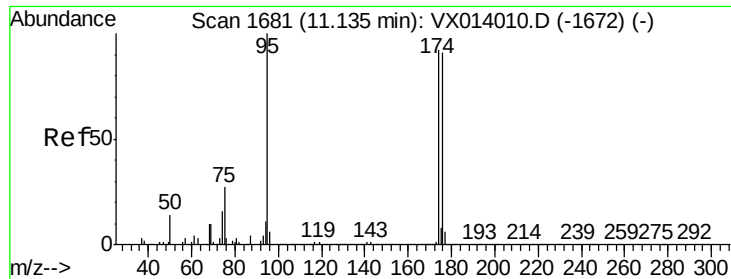
100000

50000

0

Time-->

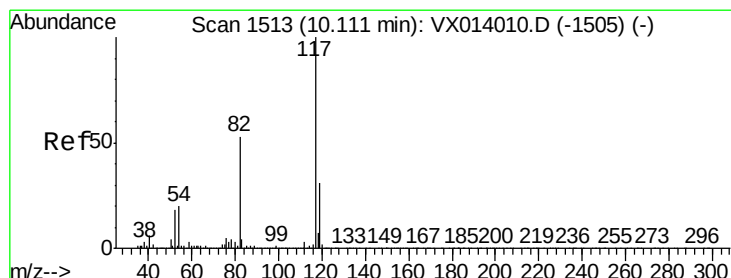
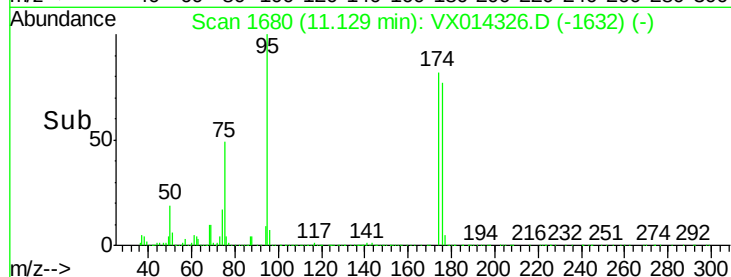
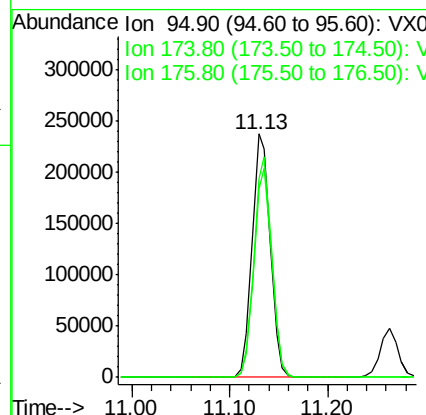
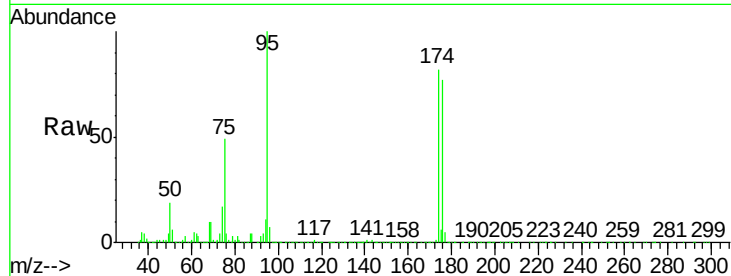




#62
4-Bromofluorobenzene
Concen: 48.599 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX014326.D
Acq: 27 Dec 2019 21:57

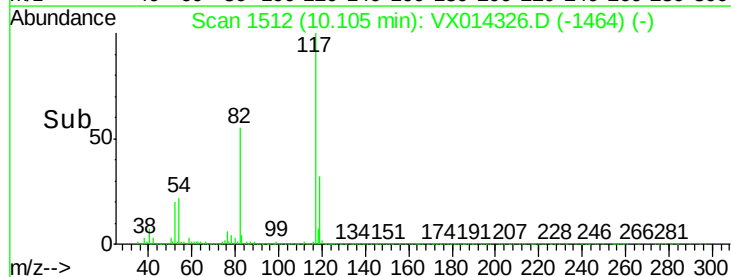
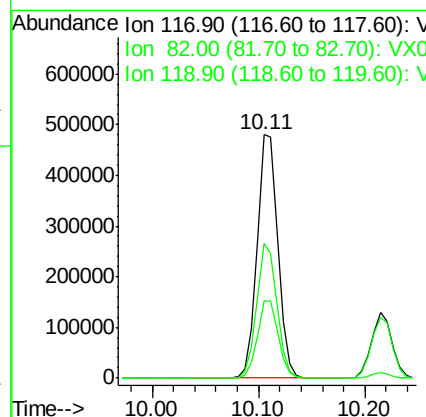
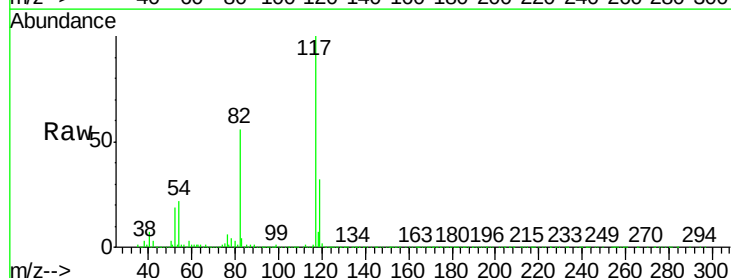
Instrument :
MSVOA_X
ClientSampleId :
OW-5MS

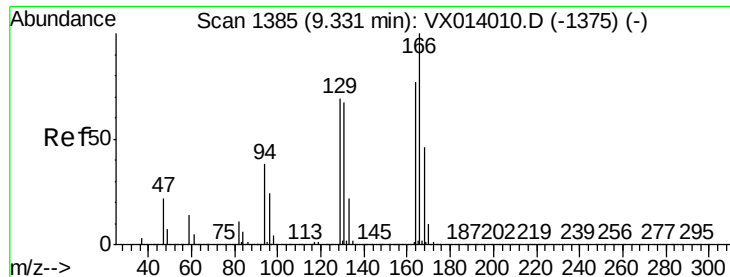
Tgt Ion: 95 Resp: 305200
Ion Ratio Lower Upper
95 100
174 89.2 0.0 175.8
176 84.7 0.0 173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014326.D
Acq: 27 Dec 2019 21:57

Tgt Ion: 117 Resp: 657674
Ion Ratio Lower Upper
117 100
82 55.5 42.2 63.4
119 31.5 25.1 37.7

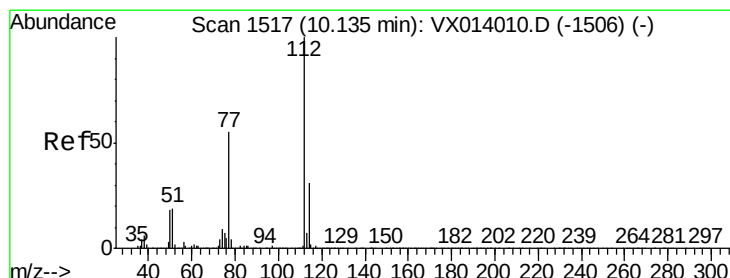
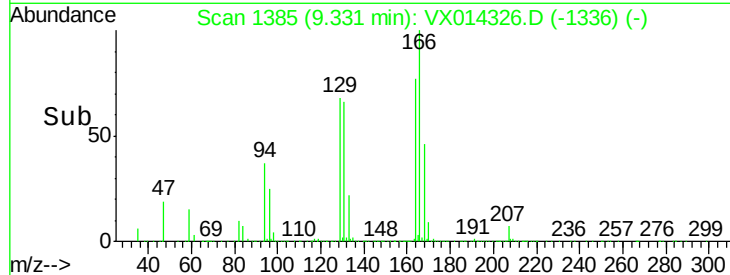
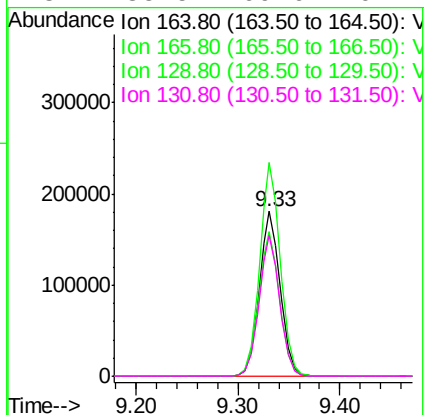
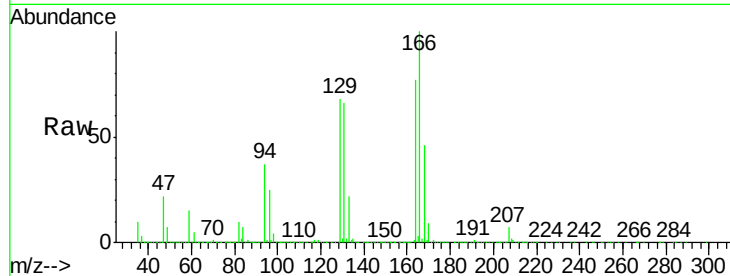




#64
Tetrachloroethene
Concen: 44.437 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014326.D
Acq: 27 Dec 2019 21:57

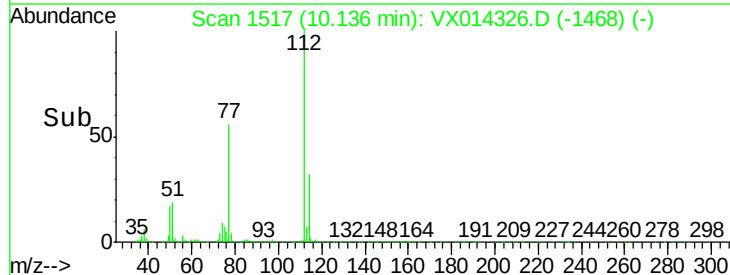
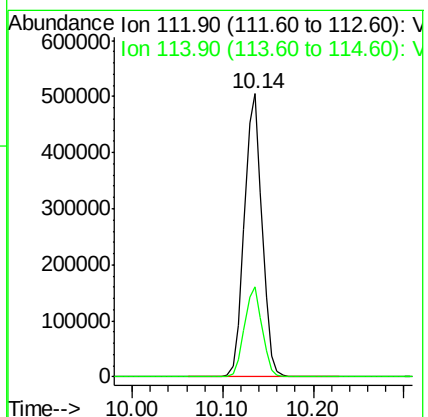
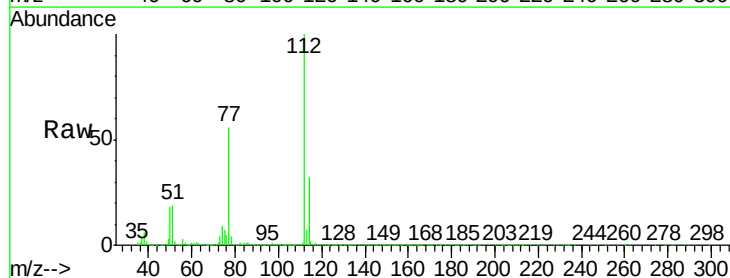
Instrument :
MSVOA_X
ClientSampleId :
OW-5MS

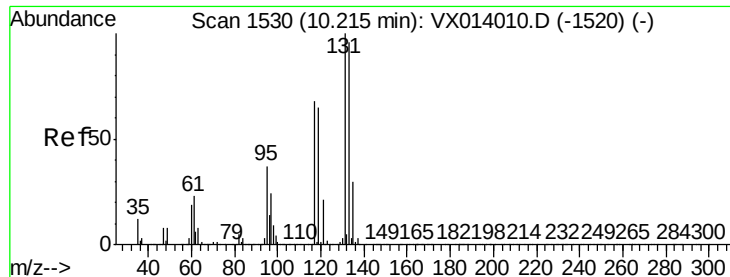
Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.3	104.0	156.0
129	87.7	72.2	108.4
131	85.5	69.6	104.4



#65
Chlorobenzene
Concen: 48.758 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014326.D
Acq: 27 Dec 2019 21:57

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.0	24.9	37.3





#66

1,1,1,2-Tetrachloroethane

Concen: 50.606 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014326.D

Acq: 27 Dec 2019 21:57

Instrument :

MSVOA_X

ClientSampleId :

OW-5MS

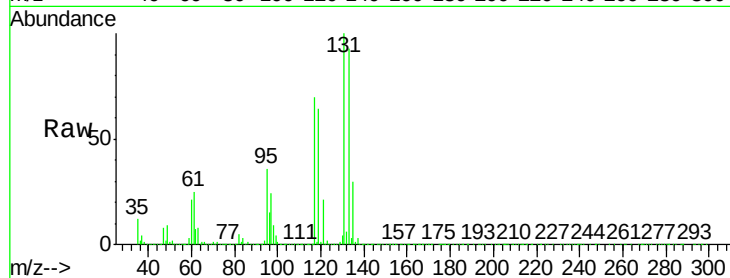
Tgt Ion:131 Resp: 252676

Ion Ratio Lower Upper

131 100

133 95.3 48.0 144.0

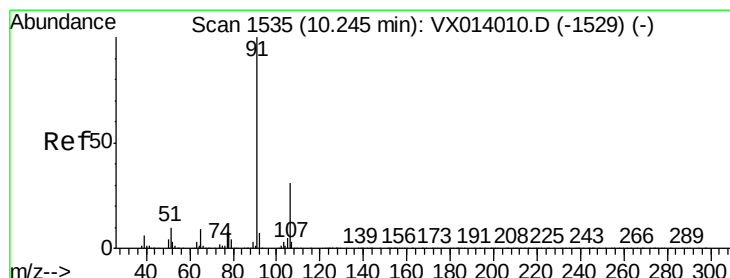
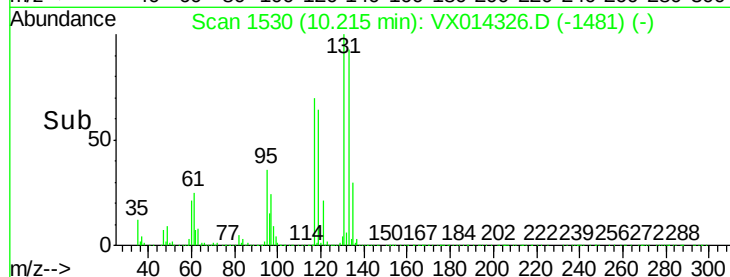
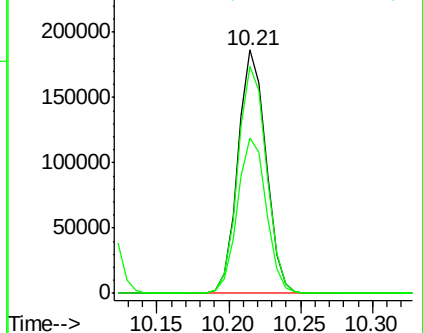
119 66.1 33.4 100.2



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: 49.786 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014326.D

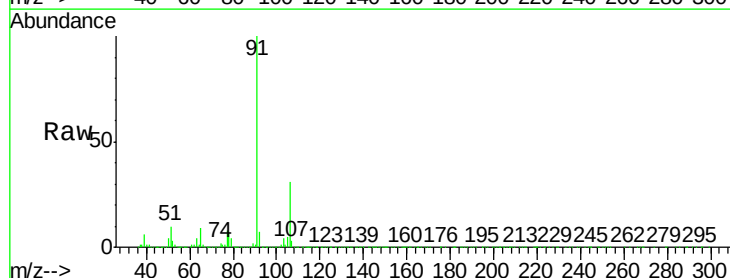
Acq: 27 Dec 2019 21:57

Tgt Ion: 91 Resp: 1196923

Ion Ratio Lower Upper

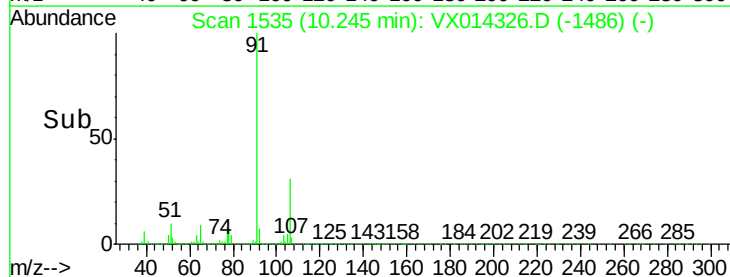
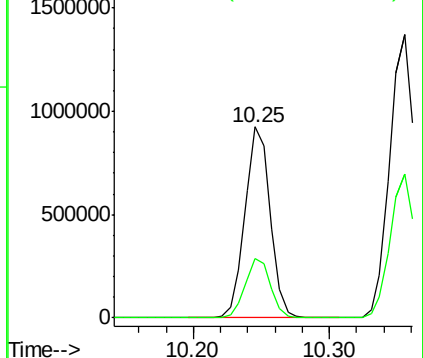
91 100

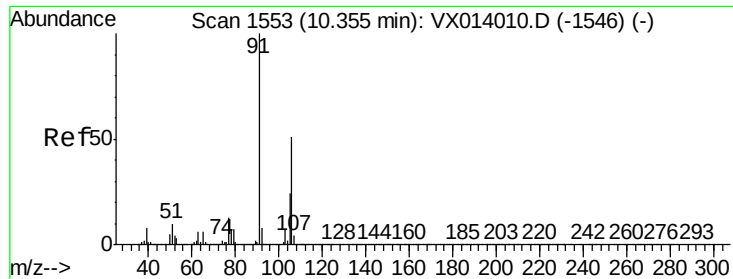
106 31.1 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 97.974 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014326.D

Acq: 27 Dec 2019 21:57

Instrument :

MSVOA_X

ClientSampleId :

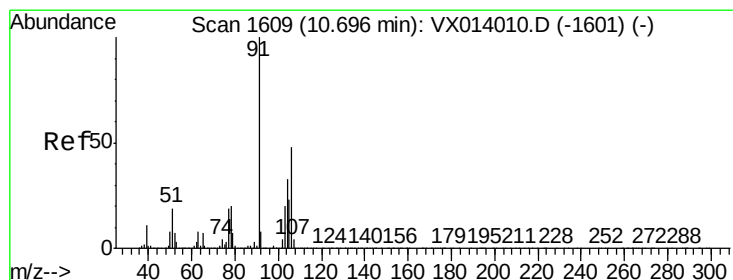
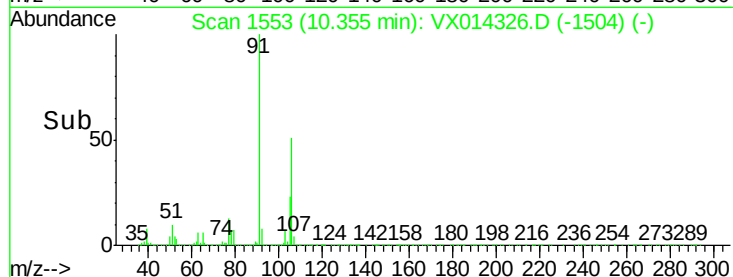
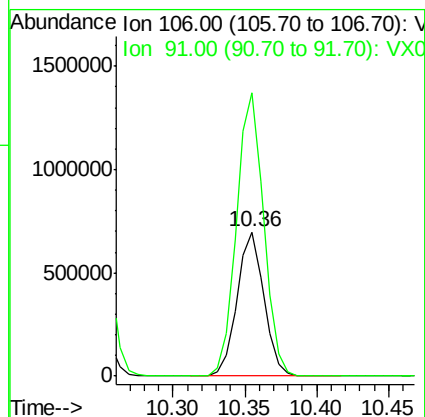
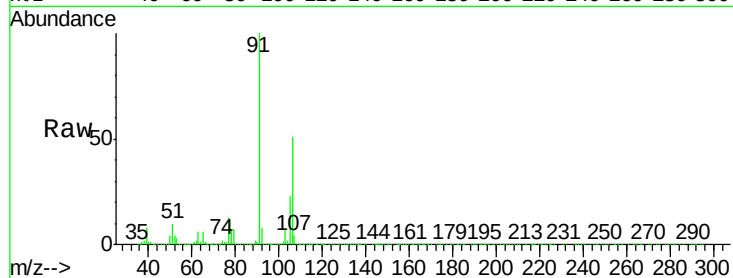
OW-5MS

Tgt Ion:106 Resp: 905929

Ion Ratio Lower Upper

106 100

91 199.4 158.6 238.0



#69

o-Xylene

Concen: 49.104 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX014326.D

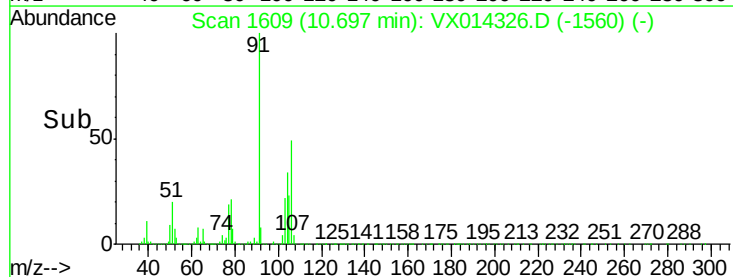
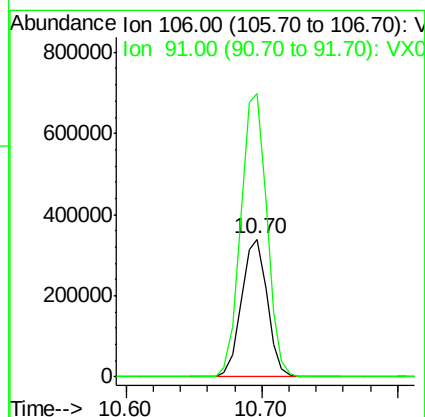
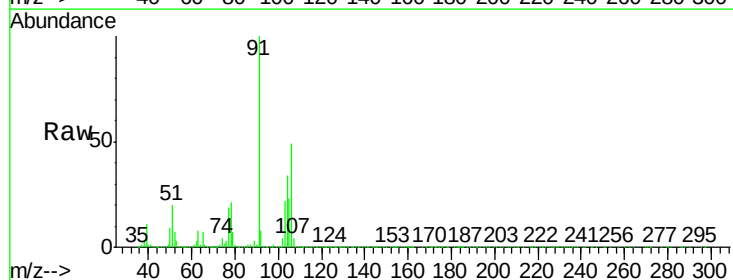
Acq: 27 Dec 2019 21:57

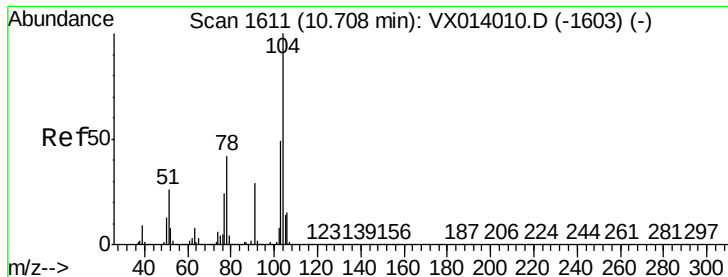
Tgt Ion:106 Resp: 445305

Ion Ratio Lower Upper

106 100

91 208.8 104.2 312.6





#70

Styrene

Concen: 49.590 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. 0.00 min

Lab File: VX014326.D

Acq: 27 Dec 2019 21:57

Instrument :

MSVOA_X

ClientSampleId :

OW-5MS

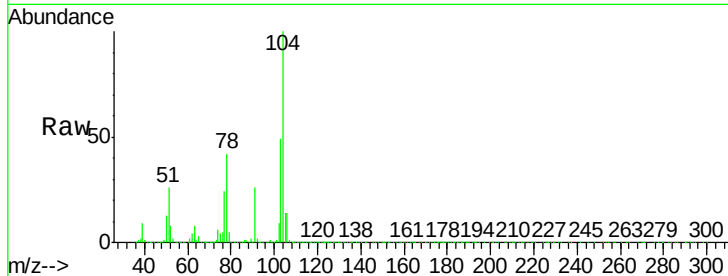
Tgt Ion:104 Resp: 760452

Ion Ratio Lower Upper

104 100

78 47.8 38.5 57.7

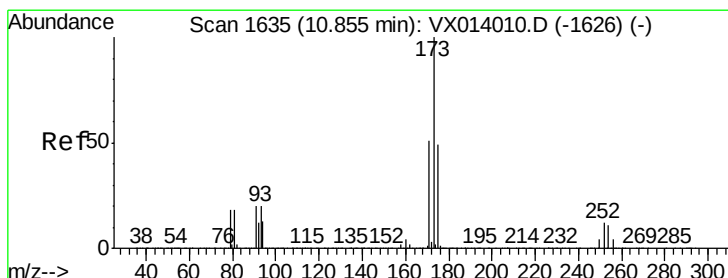
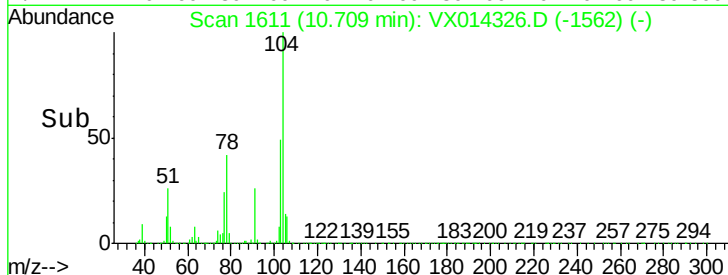
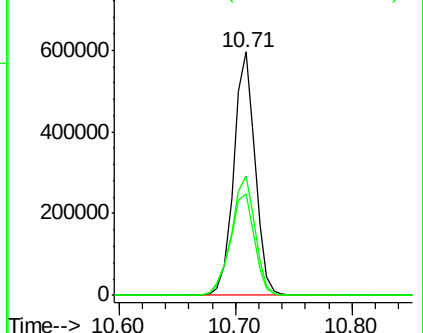
103 54.1 42.9 64.3



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 51.580 ug/l

RT: 10.86 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX014326.D

Acq: 27 Dec 2019 21:57

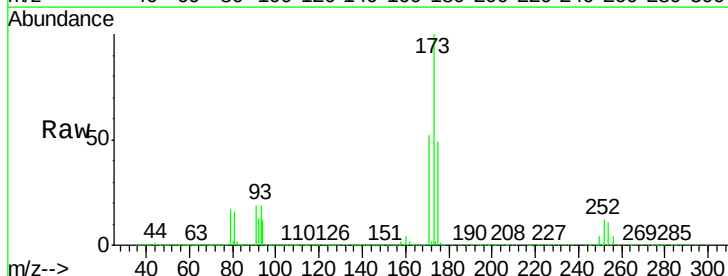
Tgt Ion:173 Resp: 207018

Ion Ratio Lower Upper

173 100

175 49.1 24.4 73.4

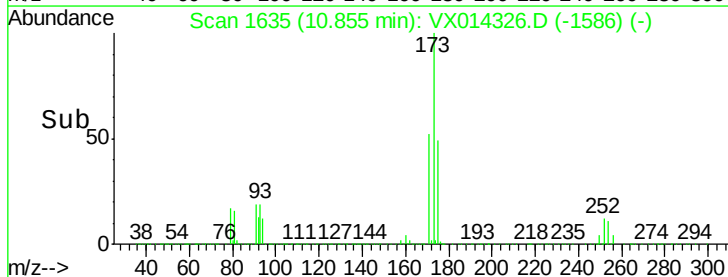
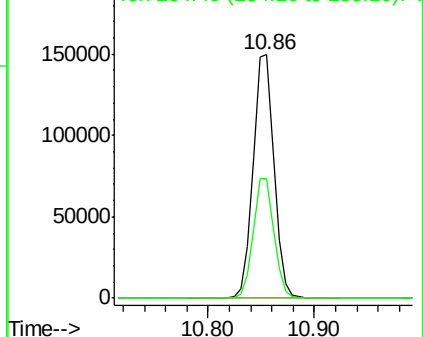
254 0.2 0.2 0.2

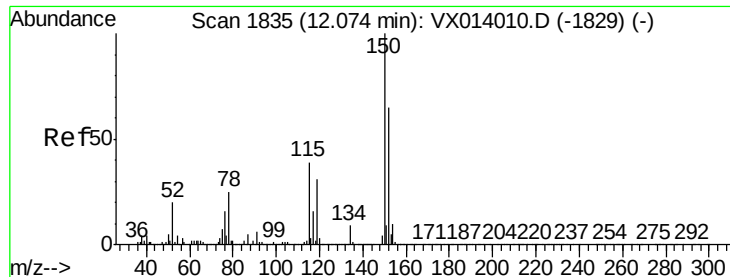


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014326.D

Acq: 27 Dec 2019 21:57

Instrument :

MSVOA_X

ClientSampleId :

OW-5MS

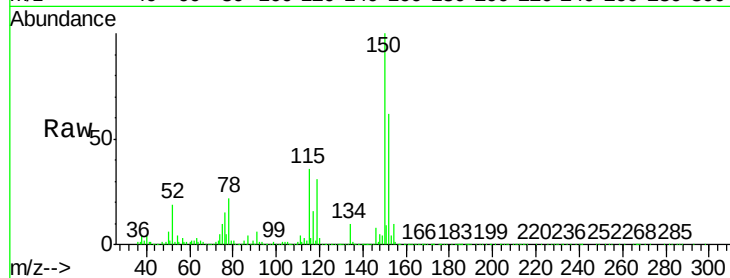
Tgt Ion:152 Resp: 321969

Ion Ratio Lower Upper

152 100

115 77.6 38.3 114.9

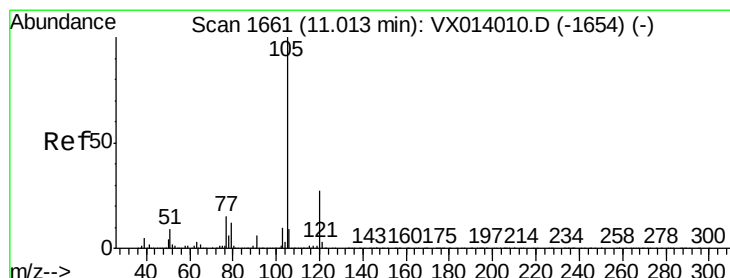
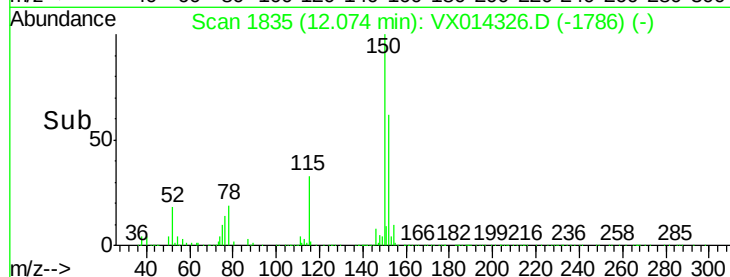
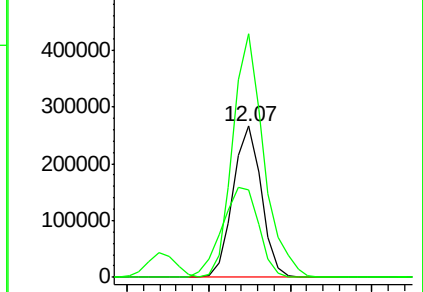
150 175.8 0.0 345.4



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: 51.287 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014326.D

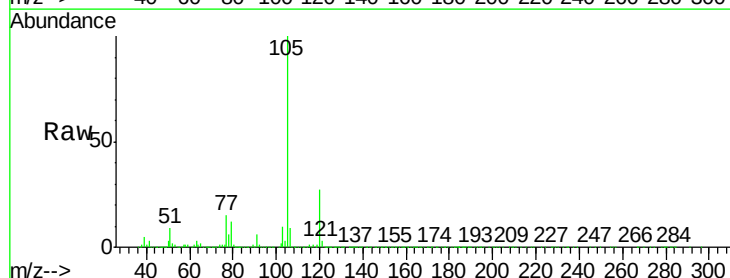
Acq: 27 Dec 2019 21:57

Tgt Ion:105 Resp: 1162618

Ion Ratio Lower Upper

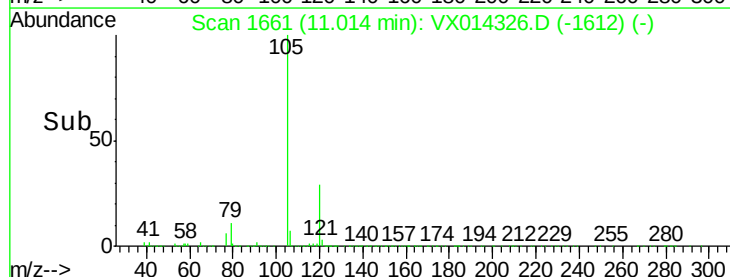
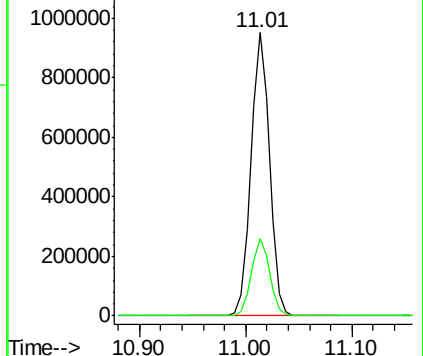
105 100

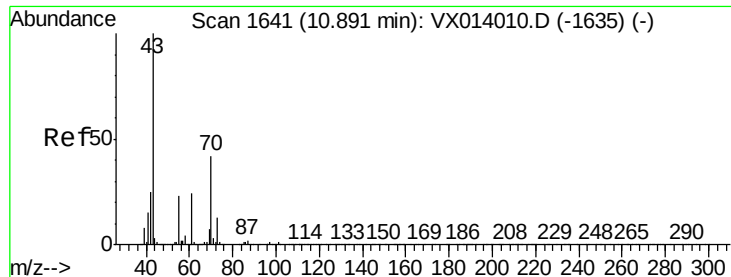
120 27.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 50.633 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014326.D

Acq: 27 Dec 2019 21:57

Instrument :

MSVOA_X

ClientSampleId :

OW-5MS

Tgt Ion: 43 Resp: 538021

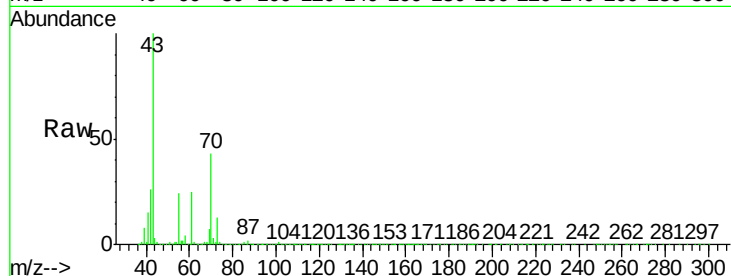
Ion Ratio Lower Upper

43 100

70 43.5 34.4 51.6

55 24.7 19.1 28.7

61 25.1 19.7 29.5

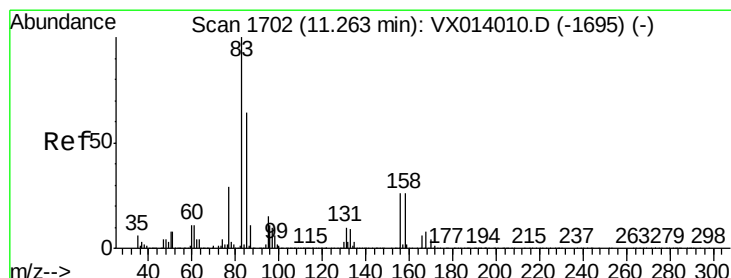
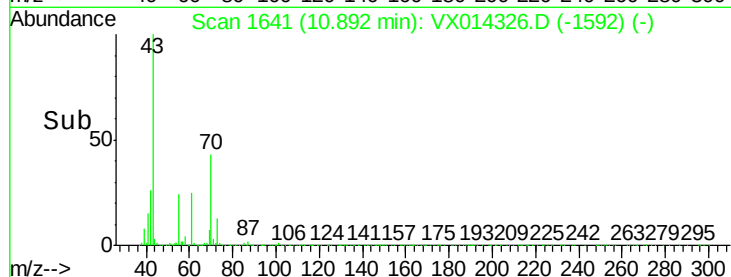
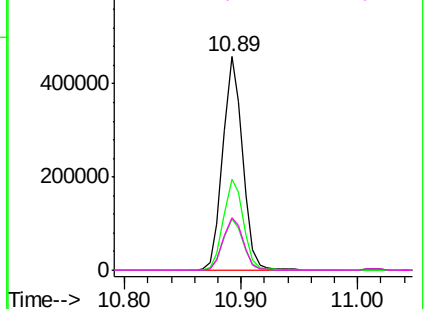


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 52.938 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014326.D

Acq: 27 Dec 2019 21:57

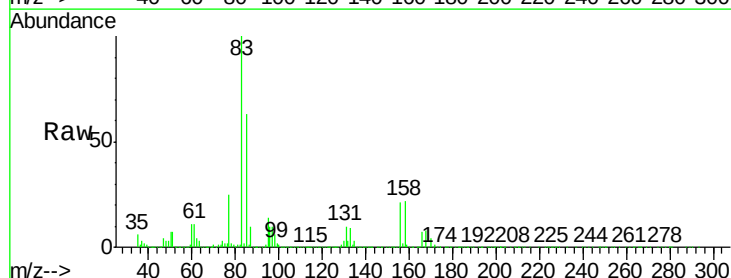
Tgt Ion: 83 Resp: 416051

Ion Ratio Lower Upper

83 100

131 9.8 5.1 15.2

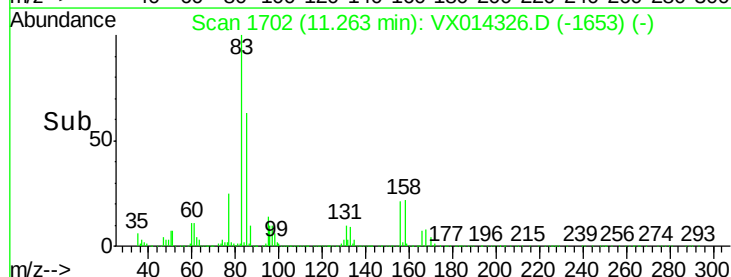
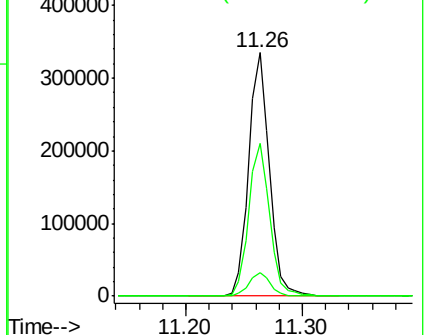
85 64.2 31.9 95.7

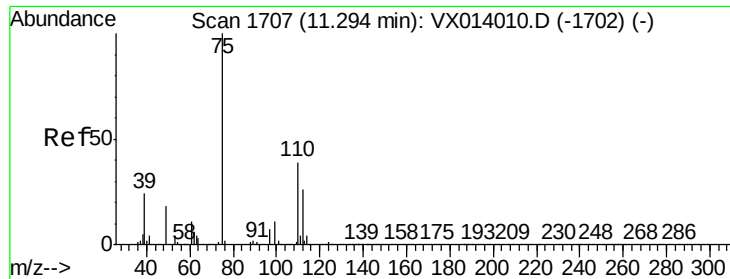


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 67.465 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014326.D

Acq: 27 Dec 2019 21:57

Instrument :

MSVOA_X

ClientSampleId :

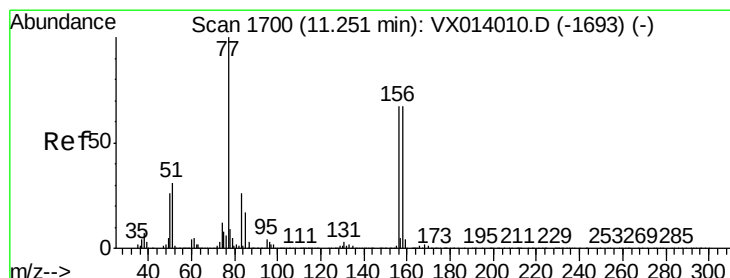
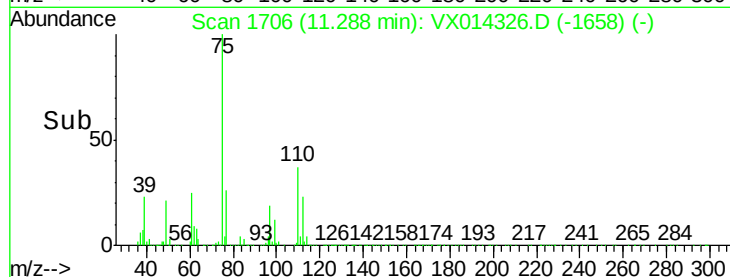
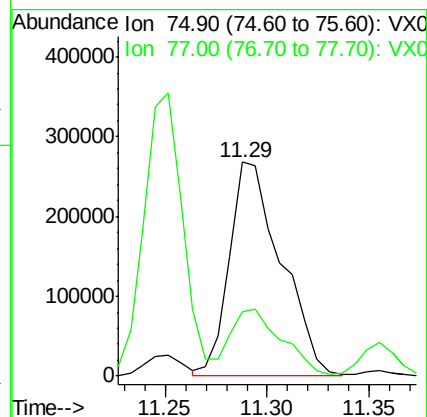
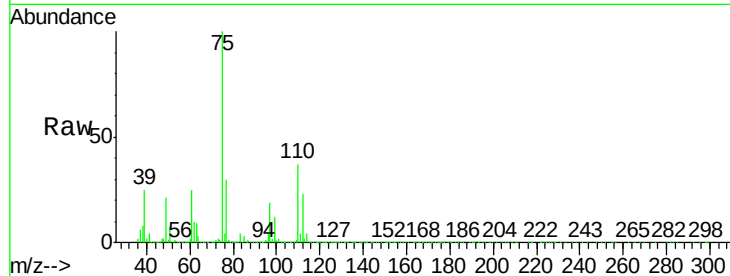
OW-5MS

Tgt Ion: 75 Resp: 471572

Ion Ratio Lower Upper

75 100

77 30.4 19.3 57.8



#77

Bromobenzene

Concen: 49.074 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014326.D

Acq: 27 Dec 2019 21:57

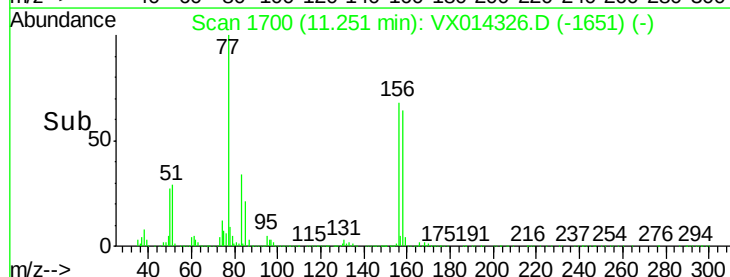
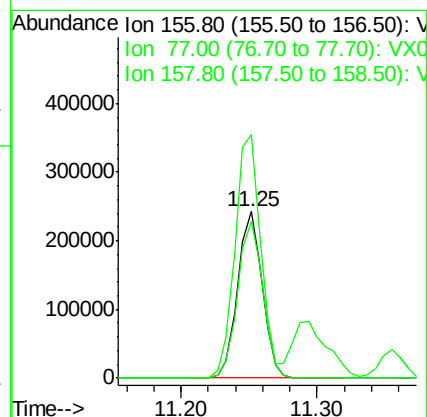
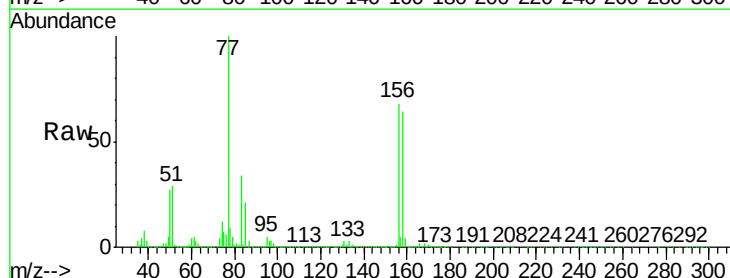
Tgt Ion: 156 Resp: 306080

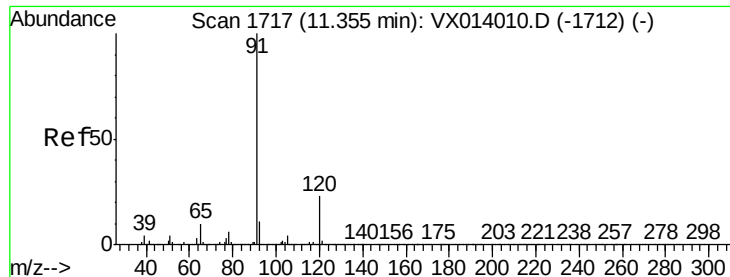
Ion Ratio Lower Upper

156 100

77 154.3 76.5 229.5

158 96.4 49.3 147.9





#78

n-propylbenzene

Concen: 51.413 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014326.D

Acq: 27 Dec 2019 21:57

Instrument :

MSVOA_X

ClientSampleId :

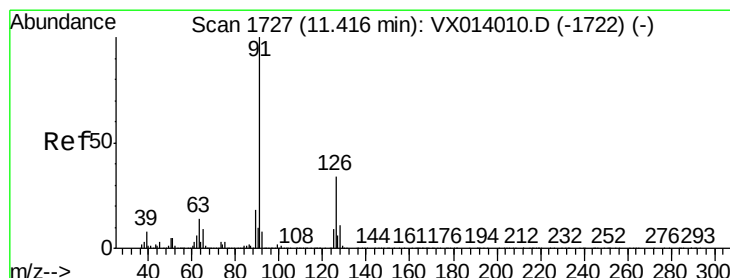
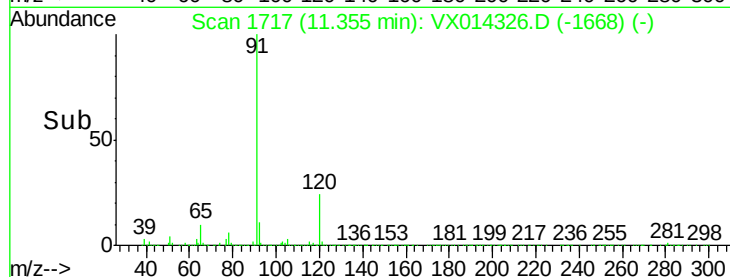
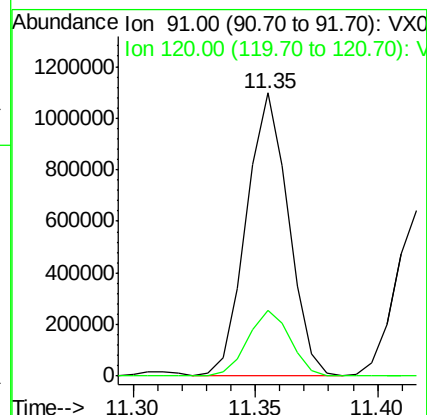
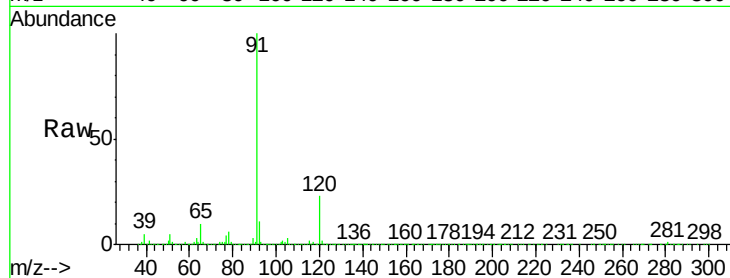
OW-5MS

Tgt Ion: 91 Resp: 1307285

Ion Ratio Lower Upper

91 100

120 23.6 11.7 35.0



#79

2-Chlorotoluene

Concen: 50.750 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014326.D

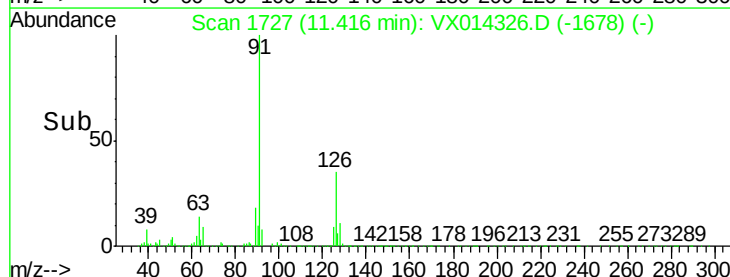
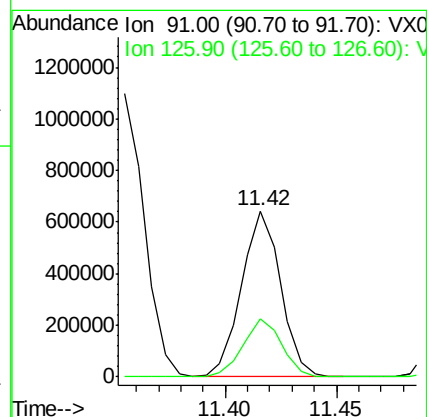
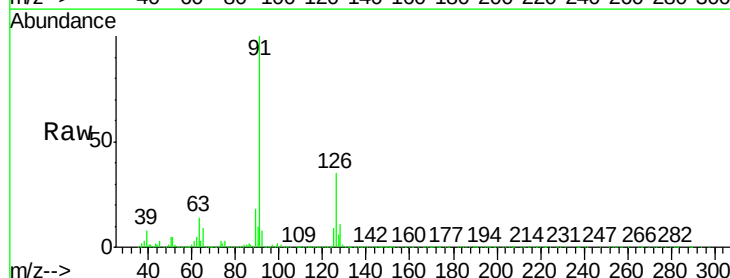
Acq: 27 Dec 2019 21:57

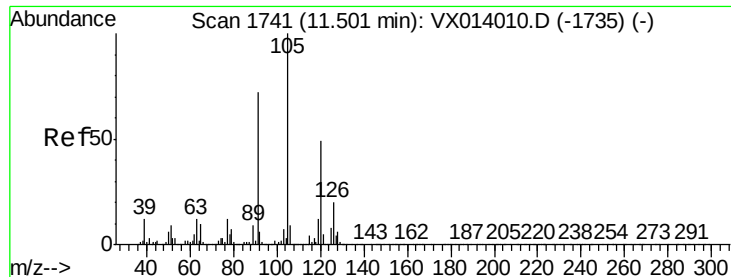
Tgt Ion: 91 Resp: 784420

Ion Ratio Lower Upper

91 100

126 35.0 17.2 51.6

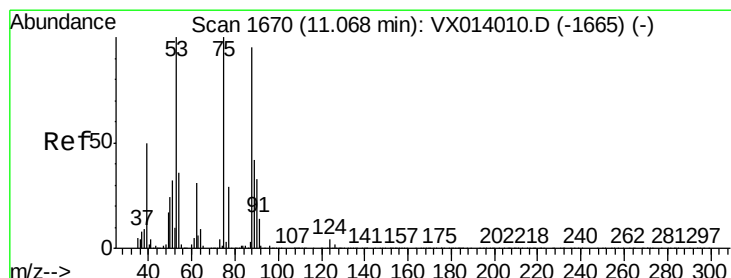
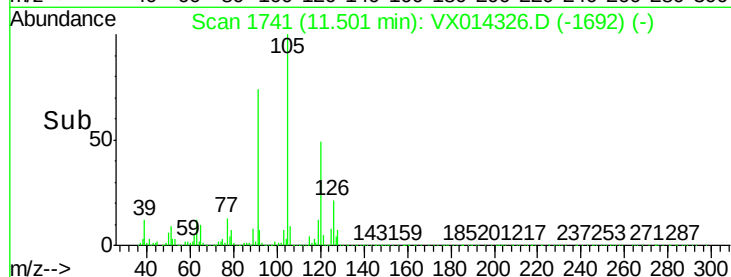
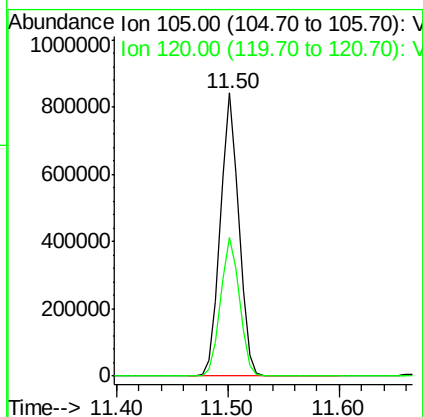
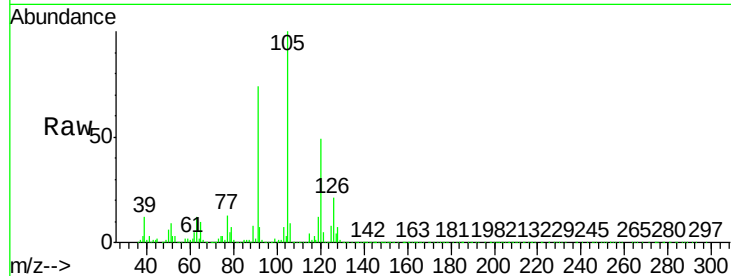




#80
 1,3,5-Trimethylbenzene
 Concen: 50.687 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014326.D
 Acq: 27 Dec 2019 21:57

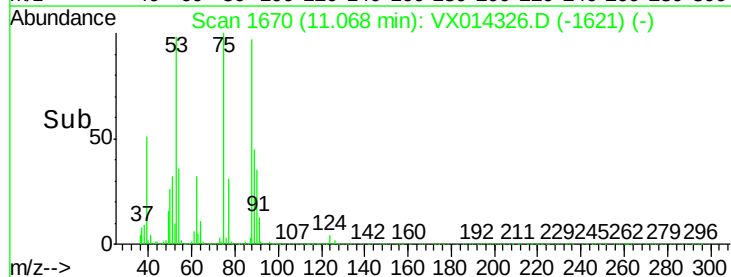
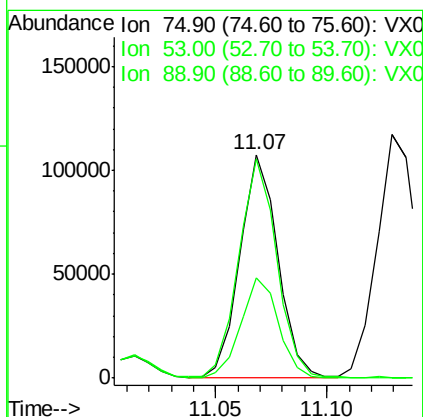
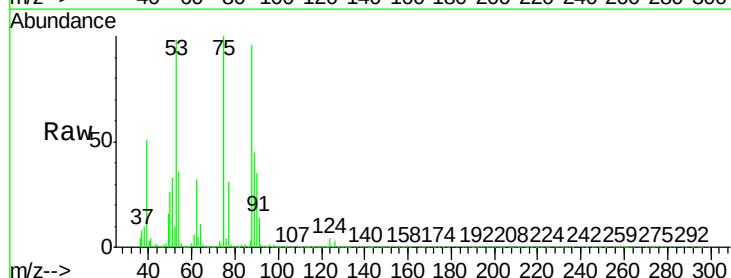
Instrument :
 MSVOA_X
 ClientSampleId :
 OW-5MS

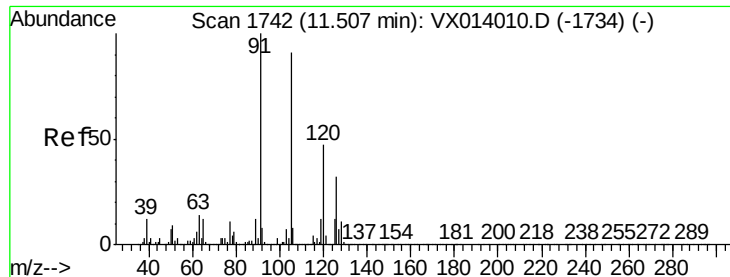
Tgt Ion: 105 Resp: 967027
 Ion Ratio Lower Upper
 105 100
 120 50.2 25.3 75.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.649 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX014326.D
 Acq: 27 Dec 2019 21:57

Tgt Ion: 75 Resp: 127907
 Ion Ratio Lower Upper
 75 100
 53 98.0 76.7 115.1
 89 44.3 34.6 51.8





#82

4-Chlorotoluene

Concen: 50.023 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014326.D

Acq: 27 Dec 2019 21:57

Instrument :

MSVOA_X

ClientSampled :

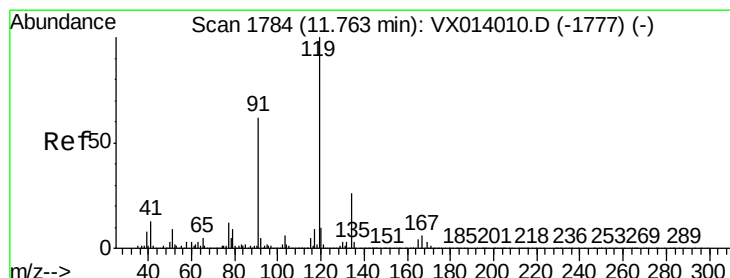
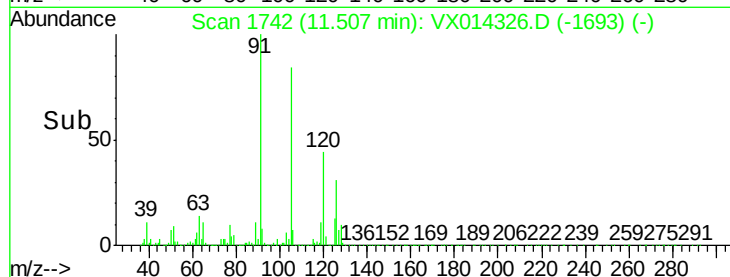
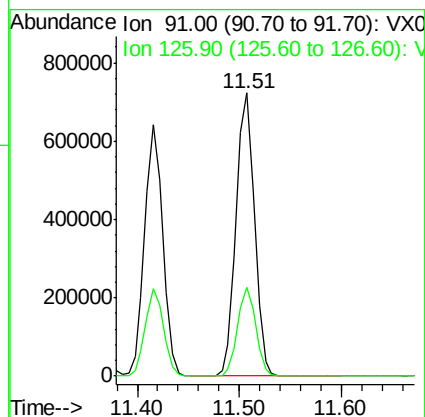
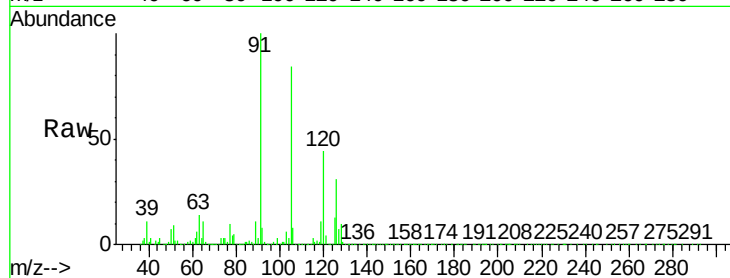
OW-5MS

Tgt Ion: 91 Resp: 896872

Ion Ratio Lower Upper

91 100

126 30.7 15.6 46.8



#83

tert-Butylbenzene

Concen: 52.014 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014326.D

Acq: 27 Dec 2019 21:57

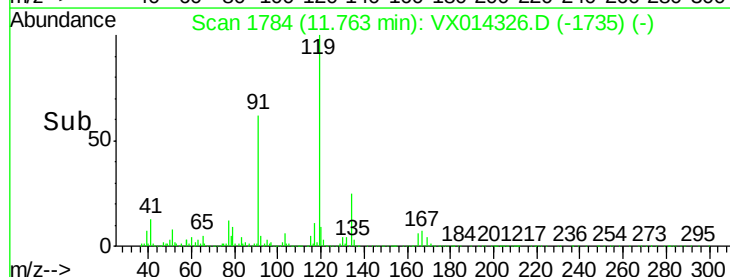
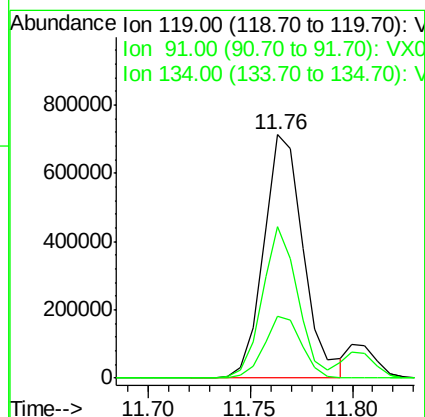
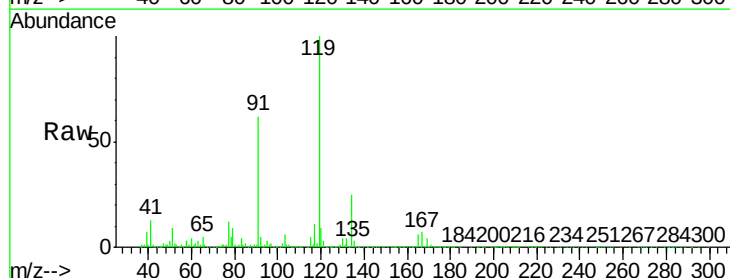
Tgt Ion: 119 Resp: 965713

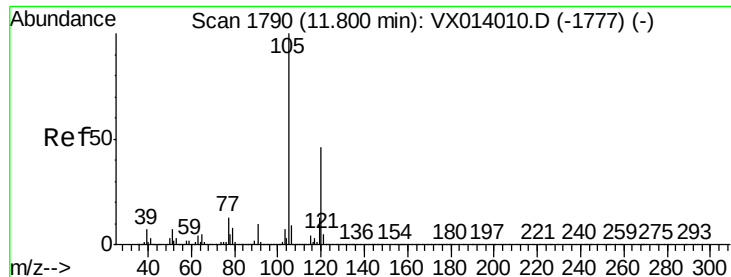
Ion Ratio Lower Upper

119 100

91 55.6 28.5 85.6

134 24.1 12.2 36.6





#84

1,2,4-Trimethylbenzene

Concen: 51.103 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX014326.D

Acq: 27 Dec 2019 21:57

Instrument :

MSVOA_X

ClientSampleId :

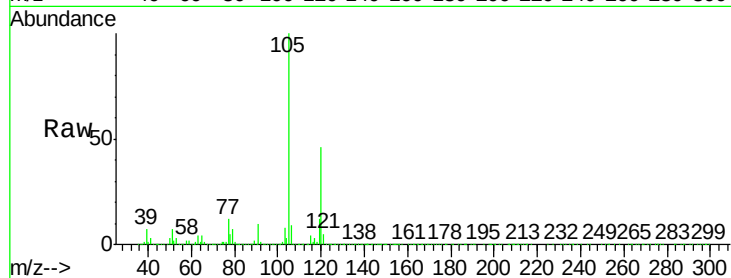
OW-5MS

Tgt Ion:105 Resp: 976374

Ion Ratio Lower Upper

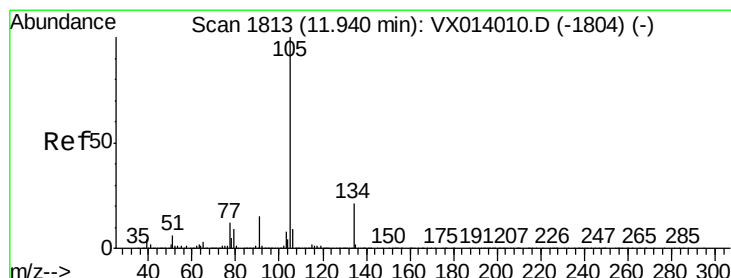
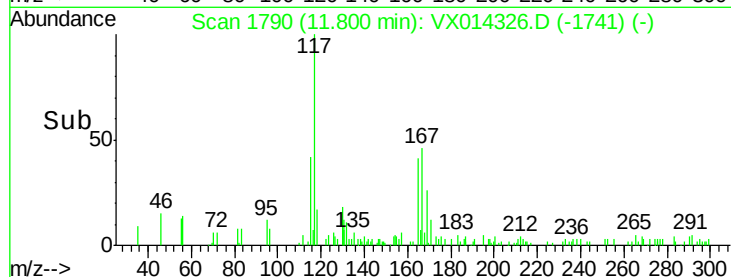
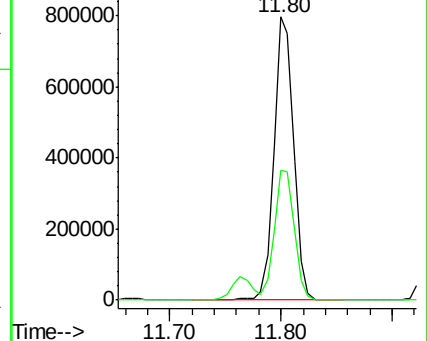
105 100

120 46.2 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 51.436 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014326.D

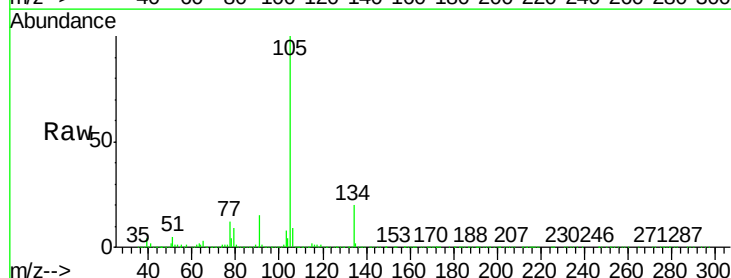
Acq: 27 Dec 2019 21:57

Tgt Ion:105 Resp: 1127390

Ion Ratio Lower Upper

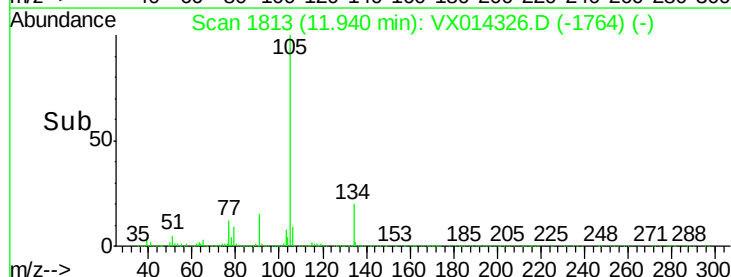
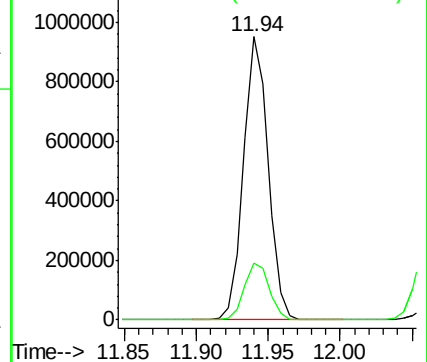
105 100

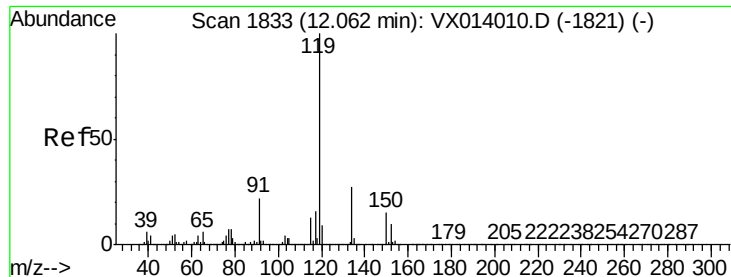
134 20.5 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

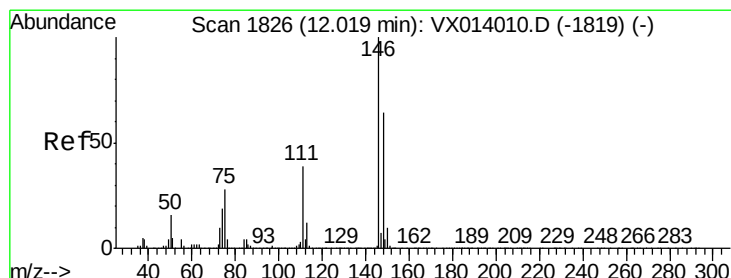
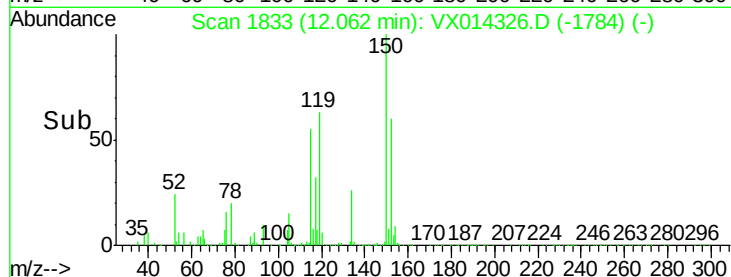
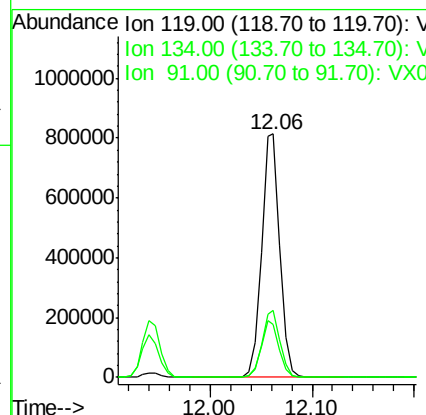
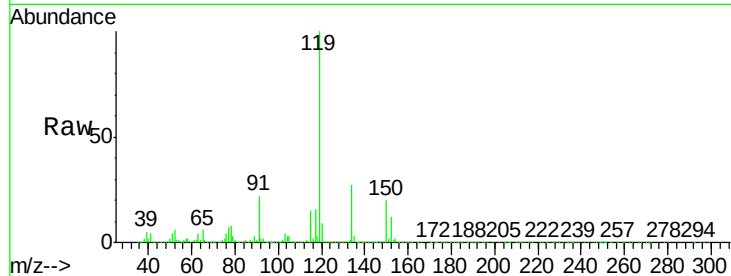




#86
p-Isopropyltoluene
Concen: 50.919 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX014326.D
Acq: 27 Dec 2019 21:57

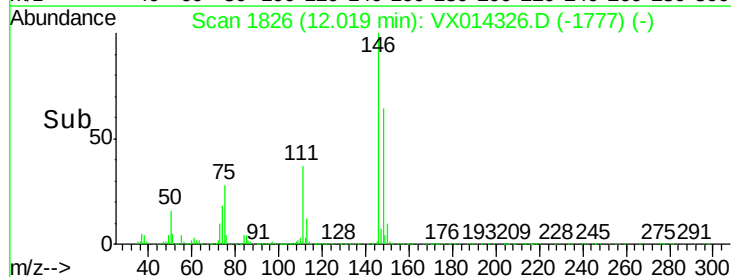
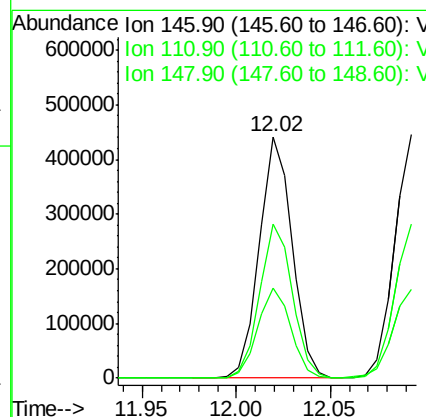
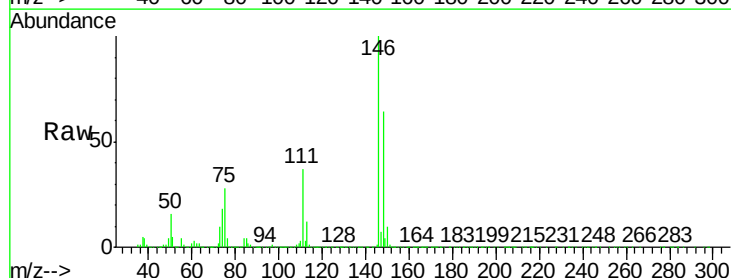
Instrument :
MSVOA_X
ClientSampled :
OW-5MS

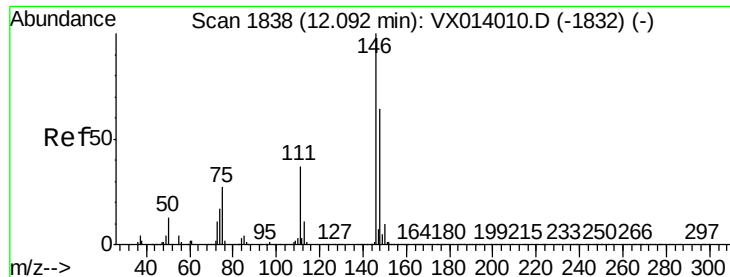
Tgt Ion:119 Resp: 1020891
Ion Ratio Lower Upper
119 100
134 26.9 13.4 40.1
91 22.5 11.4 34.1



#87
1,3-Dichlorobenzene
Concen: 48.755 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX014326.D
Acq: 27 Dec 2019 21:57

Tgt Ion:146 Resp: 532946
Ion Ratio Lower Upper
146 100
111 37.8 19.1 57.1
148 63.9 32.3 96.9

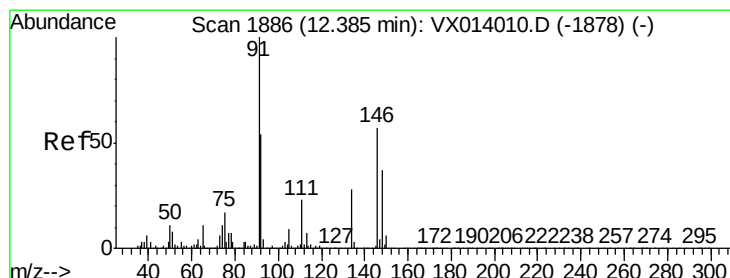
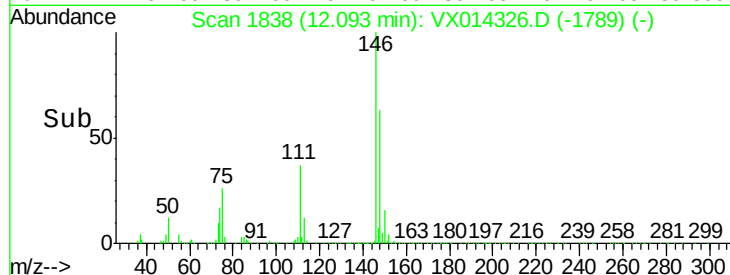
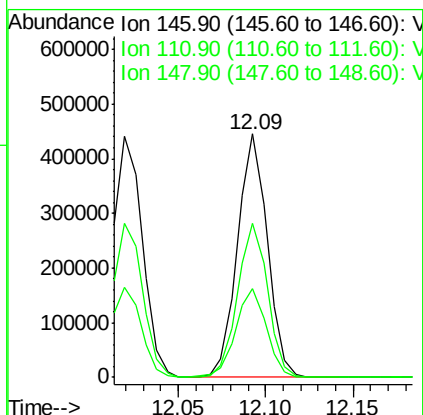
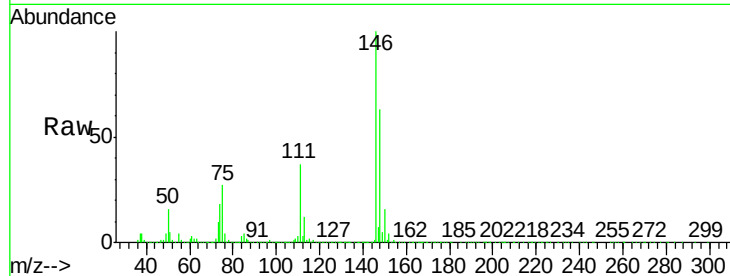




#88
 1,4-Dichlorobenzene
 Concen: 47.478 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014326.D
 Acq: 27 Dec 2019 21:57

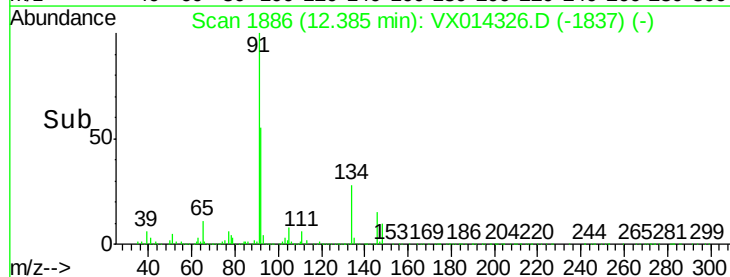
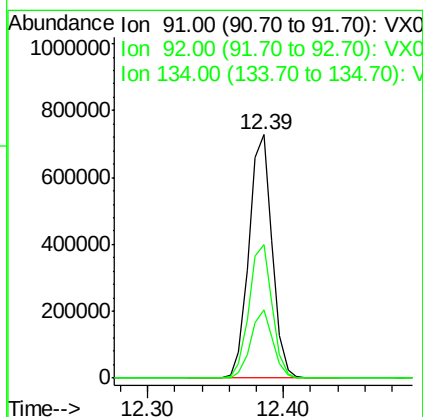
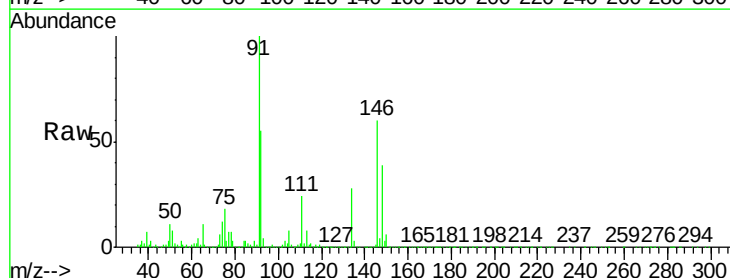
Instrument :
 MSVOA_X
 ClientSampled :
 OW-5MS

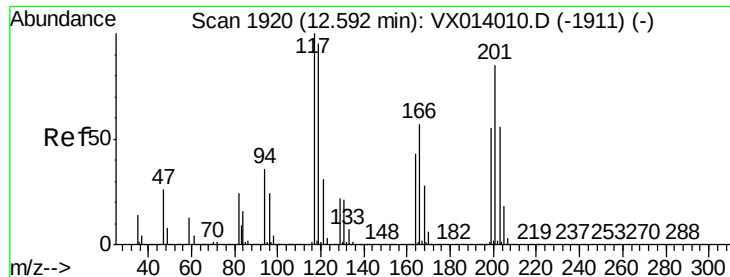
Tgt Ion: 146 Resp: 527708
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.7 56.1
 148 63.8 31.9 95.9



#89
 n-Butylbenzene
 Concen: 50.622 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014326.D
 Acq: 27 Dec 2019 21:57

Tgt Ion: 91 Resp: 866015
 Ion Ratio Lower Upper
 91 100
 92 54.8 27.2 81.6
 134 26.8 13.4 40.1





#90

Hexachloroethane

Concen: 51.134 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014326.D

Acq: 27 Dec 2019 21:57

Instrument :

MSVOA_X

ClientSampleId :

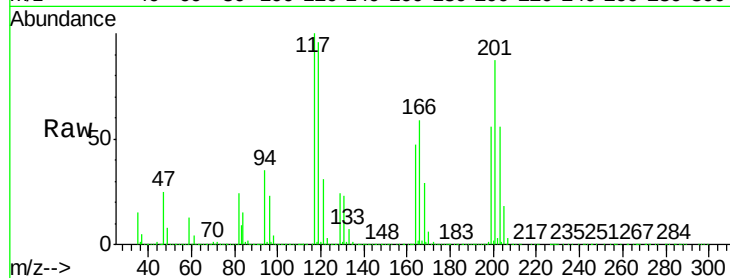
OW-5MS

Tgt Ion:117 Resp: 184143

Ion Ratio Lower Upper

117 100

201 86.3 43.1 129.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

12.59

150000

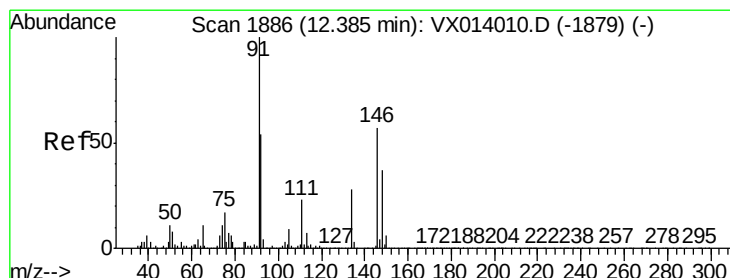
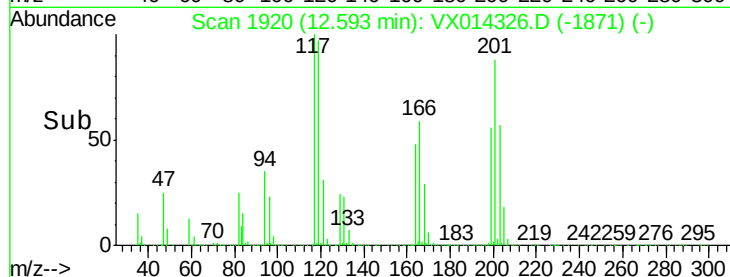
100000

50000

0

Time-->

12.55 12.60 12.65



#91

1,2-Dichlorobenzene

Concen: 48.131 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014326.D

Acq: 27 Dec 2019 21:57

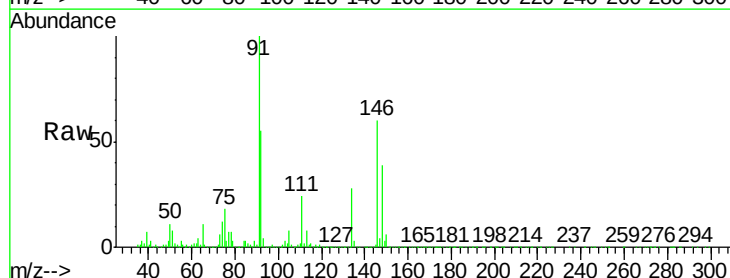
Tgt Ion:146 Resp: 529639

Ion Ratio Lower Upper

146 100

111 39.7 19.7 59.1

148 64.5 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

600000

500000

400000

300000

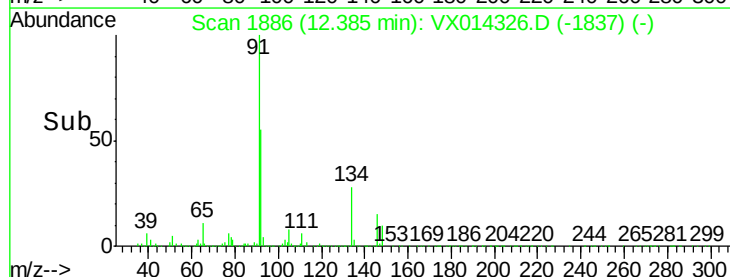
200000

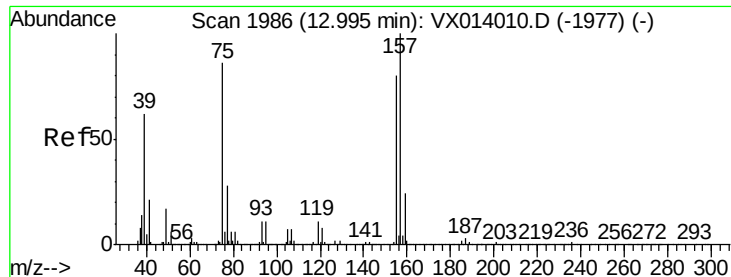
100000

0

Time-->

12.30 12.40





#92

1,2-Dibromo-3-Chloropropane

Concen: 49.134 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014326.D

Acq: 27 Dec 2019 21:57

Instrument :

MSVOA_X

ClientSampleId :

OW-5MS

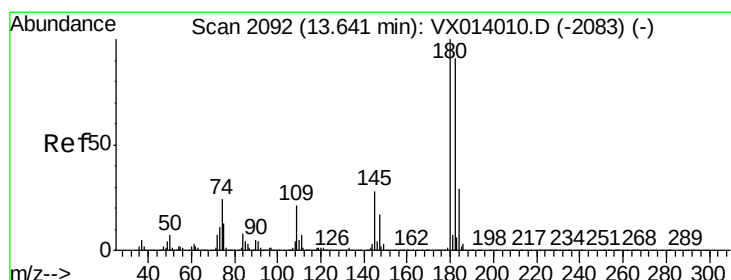
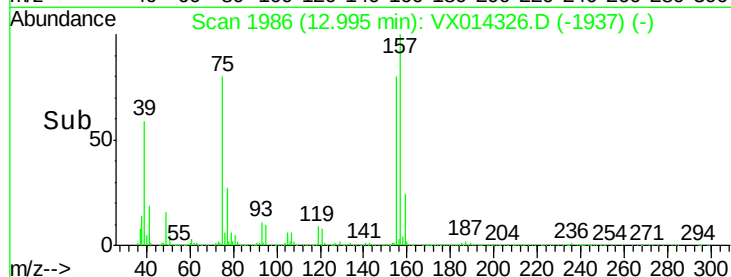
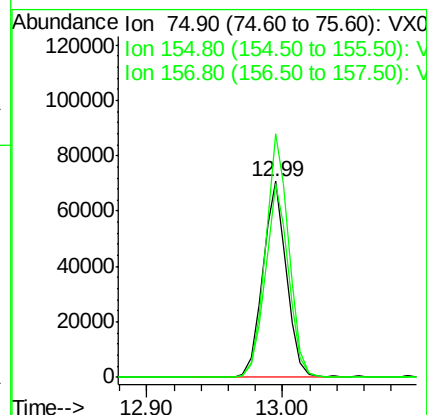
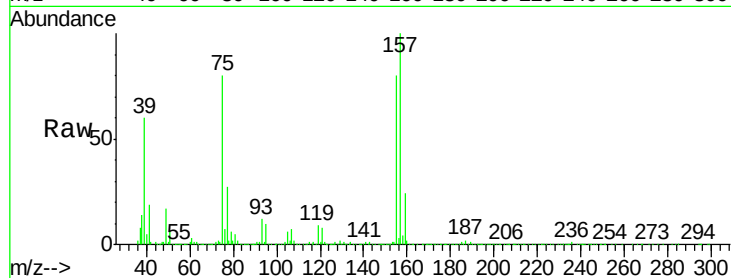
Tgt Ion: 75 Resp: 85453

Ion Ratio Lower Upper

75 100

155 98.6 46.9 140.6

157 124.1 60.8 182.4



#93

1,2,4-Trichlorobenzene

Concen: 48.827 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX014326.D

Acq: 27 Dec 2019 21:57

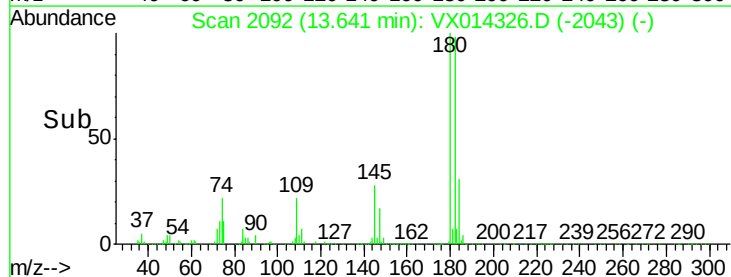
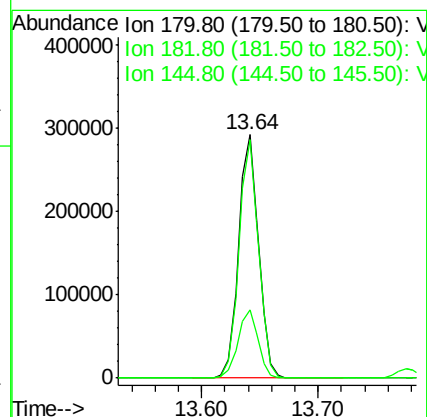
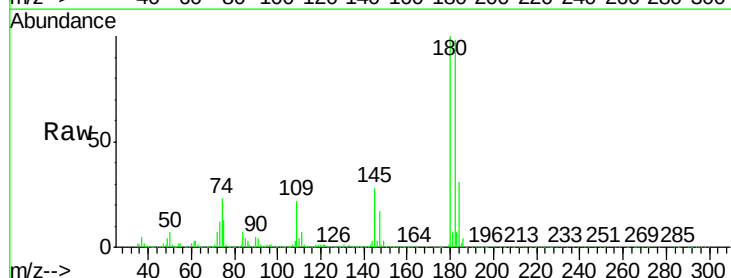
Tgt Ion: 180 Resp: 349218

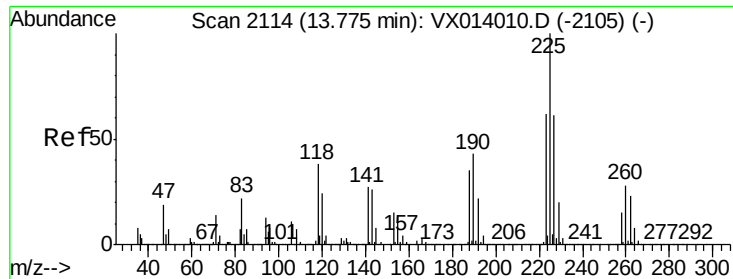
Ion Ratio Lower Upper

180 100

182 96.1 46.6 139.8

145 28.5 14.2 42.6

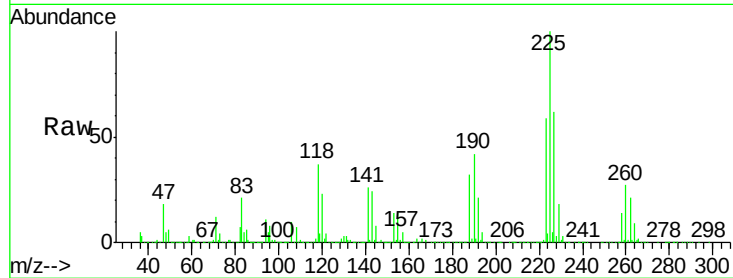




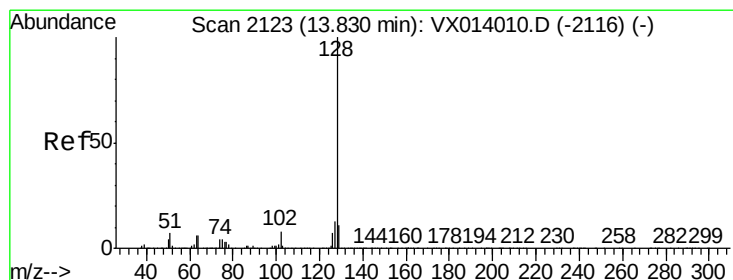
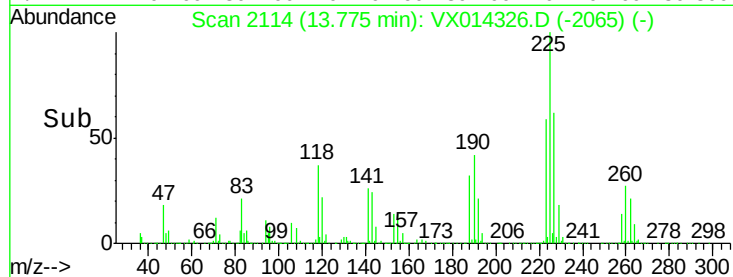
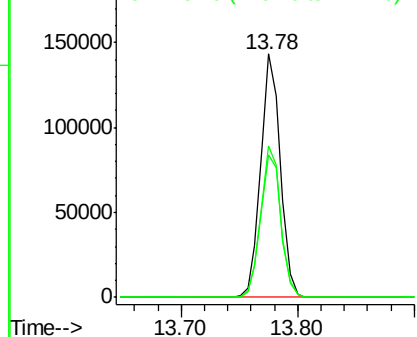
#94
Hexachlorobutadiene
Concen: 49.073 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014326.D
Acq: 27 Dec 2019 21:57

Instrument :
MSVOA_X
ClientSampleId :
OW-5MS

Tgt Ion:225 Resp: 168677
Ion Ratio Lower Upper
225 100
223 61.2 30.9 92.5
227 62.7 30.9 92.7

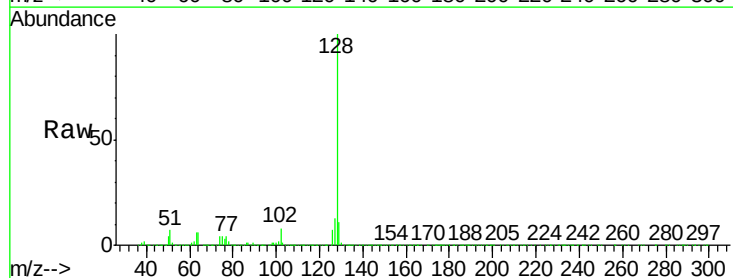


Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

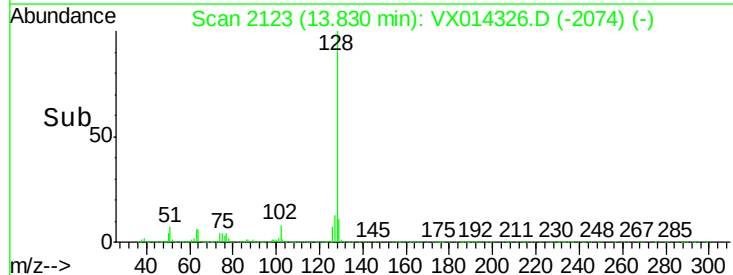
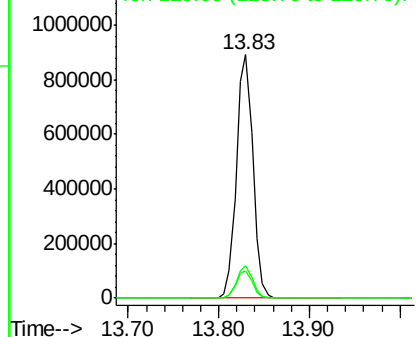


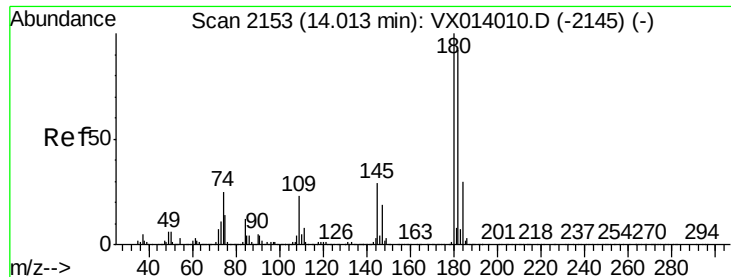
#95
Naphthalene
Concen: 53.232 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014326.D
Acq: 27 Dec 2019 21:57

Tgt Ion:128 Resp: 1118583
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 51.151 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX014326.D
 Acq: 27 Dec 2019 21:57

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-5MS

Tgt Ion:	180	Resp:	361138
Ion	Ratio	Lower	Upper
180	100		
182	96.1	46.8	140.3
145	29.5	14.8	44.4

