

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122719\
 Data File : VX014327.D
 Acq On : 27 Dec 2019 22:21
 Operator : JC/SP
 Sample : K6449-07MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-5MSD

Quant Time: Dec 30 05:41:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	450070	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	720319	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	648812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	321263	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	265839	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
35) Dibromofluoromethane	5.49	113	219769	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
50) Toluene-d8	8.71	98	857802	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
62) 4-Bromofluorobenzene	11.14	95	304258	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	176432	43.818	ug/l	99
3) Chloromethane	1.32	50	247848	45.867	ug/l	99
4) Vinyl Chloride	1.40	62	269456	47.259	ug/l	99
5) Bromomethane	1.63	94	188043	46.467	ug/l	100
6) Chloroethane	1.71	64	173510	49.306	ug/l	96
7) Trichlorofluoromethane	1.92	101	346976	49.159	ug/l	99
8) Diethyl Ether	2.18	74	164396	49.628	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	208986	49.119	ug/l	98
10) Methyl Iodide	2.50	142	251927	45.167	ug/l	99
11) Tert butyl alcohol	3.03	59	305918	277.554	ug/l	98
12) 1,1-Dichloroethene	2.37	96	212123	48.996	ug/l	95
13) Acrolein	2.28	56	186972	296.344	ug/l	98
14) Allyl chloride	2.72	41	404567	52.337	ug/l	98
15) Acrylonitrile	3.13	53	740965	288.023	ug/l	98
16) Acetone	2.44	43	615891	185.980	ug/l	97
17) Carbon Disulfide	2.56	76	538979	44.921	ug/l	100
18) Methyl Acetate	2.76	43	351398	53.550	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	757173	53.223	ug/l	98
20) Methylene Chloride	2.85	84	256053	49.101	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	230510	48.329	ug/l	96
22) Diisopropyl ether	3.84	45	845652	54.898	ug/l	97
23) Vinyl Acetate	3.80	43	3395181	270.091	ug/l	99
24) 1,1-Dichloroethane	3.69	63	448312	52.311	ug/l	99
25) 2-Butanone	4.66	43	1019296	249.656	ug/l	97
26) 2,2-Dichloropropane	4.57	77	297251	44.673	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	275630	51.097	ug/l	97
28) Bromochloromethane	5.00	49	181193	54.929	ug/l	95
29) Tetrahydrofuran	5.11	42	663188	290.411	ug/l	100
30) Chloroform	5.20	83	429251	52.836	ug/l	97
31) Cyclohexane	5.57	56	388624	50.985	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	351041	50.698	ug/l	99
36) 1,1-Dichloropropene	5.79	75	316751	47.925	ug/l	98
37) Ethyl Acetate	4.82	43	372328	51.014	ug/l	99
38) Carbon Tetrachloride	5.78	117	296382	49.224	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	378457	46.374	ug/l	99
40) Benzene	6.14	78	1004279	49.384	ug/l	99
41) Methacrylonitrile	5.03	41	225365	55.651	ug/l	95
42) 1,2-Dichloroethane	6.18	62	342997	49.757	ug/l	100
43) Isopropyl Acetate	6.43	43	622469	51.534	ug/l	99
44) Trichloroethene	7.21	130	266150	47.383	ug/l	100
45) 1,2-Dichloropropane	7.51	63	270008	51.802	ug/l	97
46) Dibromomethane	7.65	93	168556	48.912	ug/l	99
47) Bromodichloromethane	7.89	83	331535	51.082	ug/l	100
48) Methyl methacrylate	7.76	41	312384	52.815	ug/l	99
49) 1,4-Dioxane	7.73	88	118657	985.814	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2058420	271.356	ug/l	100
52) Toluene	8.78	92	623256	48.488	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	362383	50.920	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	400964	50.573	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	260829	50.630	ug/l	99
56) Ethyl methacrylate	9.17	69	422719	52.236	ug/l	100
57) 1,3-Dichloropropane	9.37	76	441589	50.947	ug/l	100
59) 2-Hexanone	9.48	43	1572818	257.565	ug/l	100
60) Dibromochloromethane	9.58	129	268573	52.447	ug/l	100
61) 1,2-Dibromoethane	9.67	107	271909	51.586	ug/l	99
64) Tetrachloroethene	9.33	164	251754	43.851	ug/l	98
65) Chlorobenzene	10.14	112	674602	48.901	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	251775	51.114	ug/l	99
67) Ethyl Benzene	10.25	91	1185710	49.993	ug/l	98
68) m/p-Xylenes	10.35	106	897904	98.432	ug/l	100
69) o-Xylene	10.70	106	442458	49.456	ug/l	100
70) Styrene	10.71	104	751970	49.706	ug/l	99
71) Bromoform	10.85	173	207308	52.358	ug/l	99
73) Isopropylbenzene	11.01	105	1150263	50.853	ug/l	100
74) N-amyl acetate	10.89	43	528379	49.835	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	416113	53.062	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	469011	67.246	ug/l	87
77) Bromobenzene	11.25	156	302047	48.534	ug/l	99
78) n-propylbenzene	11.35	91	1296232	51.090	ug/l	100
79) 2-Chlorotoluene	11.42	91	773025	50.122	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	954697	50.151	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	129947	52.588	ug/l	99
82) 4-Chlorotoluene	11.51	91	885706	49.509	ug/l	99
83) tert-Butylbenzene	11.76	119	947204	51.129	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	966642	50.705	ug/l	100
85) sec-Butylbenzene	11.94	105	1112019	50.847	ug/l	99
86) p-Isopropyltoluene	12.06	119	1010927	50.533	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	522785	47.930	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	518307	46.734	ug/l	100
89) n-Butylbenzene	12.39	91	858982	50.321	ug/l	99
90) Hexachloroethane	12.59	117	181212	50.430	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	527237	48.018	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	87275	50.292	ug/l	99
93) 1,2,4-Trichlorobenzene	13.64	180	342033	47.928	ug/l	96

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ClientSampleId :
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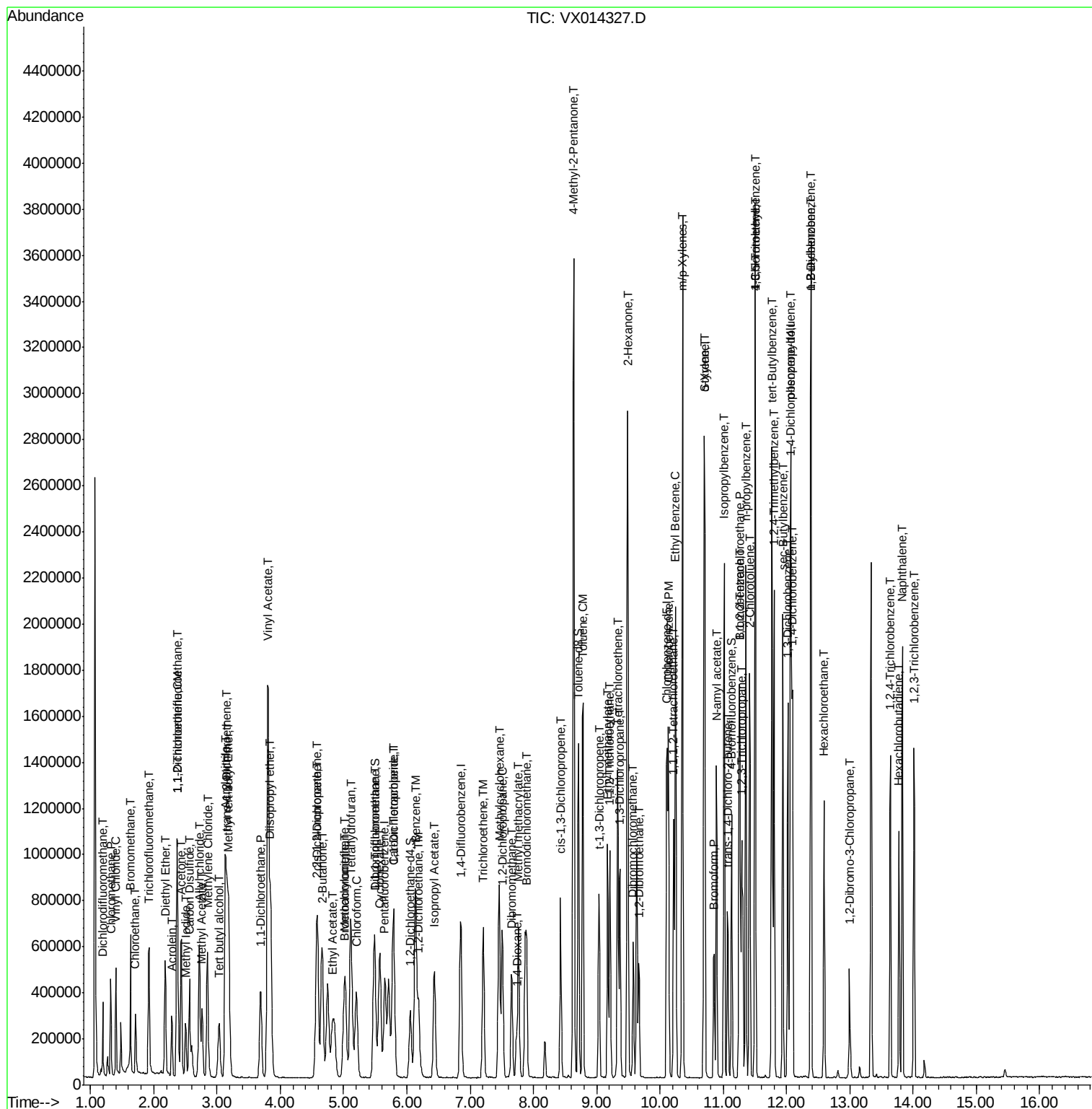
Quant Time: Dec 30 05:41:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
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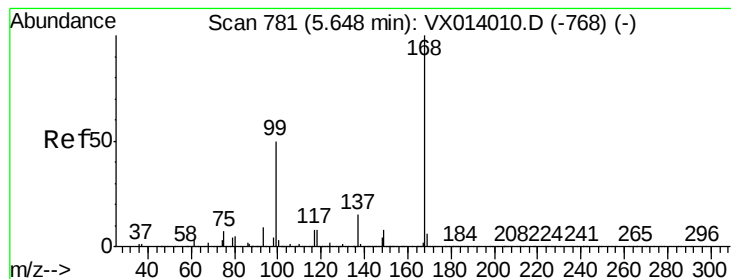
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	167131	48.730	ug/l	99
95) Naphthalene	13.83	128	1130626	53.924	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	358581	50.901	ug/l	99

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

Instrument :
MSVOA_X
ClientSampleId :
OW-5MSD

Quant Time: Dec 30 05:41:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

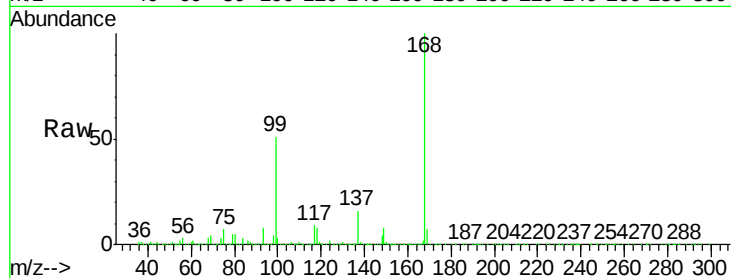
OW-5MSD

Tgt Ion:168 Resp: 450070

Ion Ratio Lower Upper

168 100

99 50.6 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

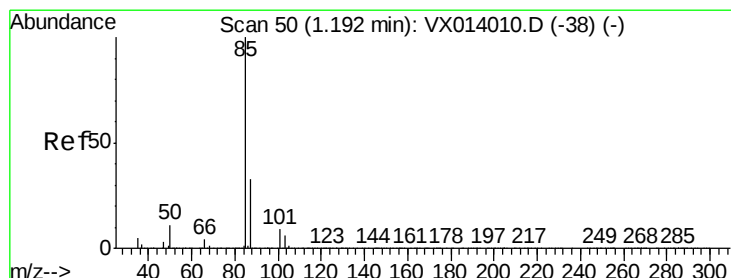
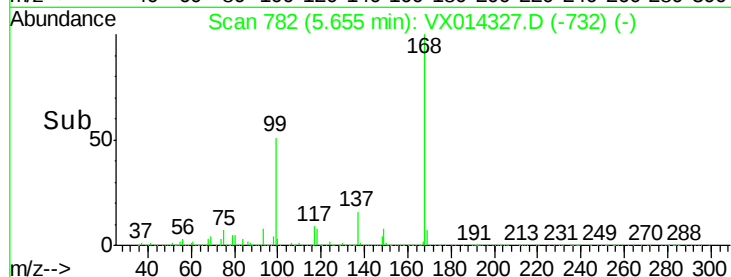
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 43.818 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014327.D

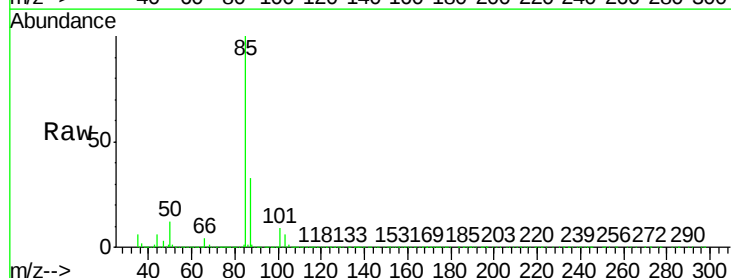
Acq: 27 Dec 2019 22:21

Tgt Ion: 85 Resp: 176432

Ion Ratio Lower Upper

85 100

87 33.2 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

200000

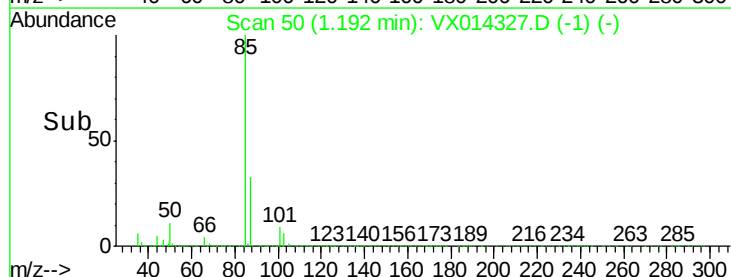
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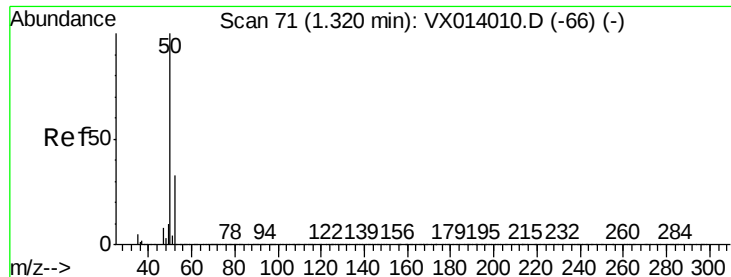
100000

50000

0

Time-->





#3

Chloromethane

Concen: 45.867 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

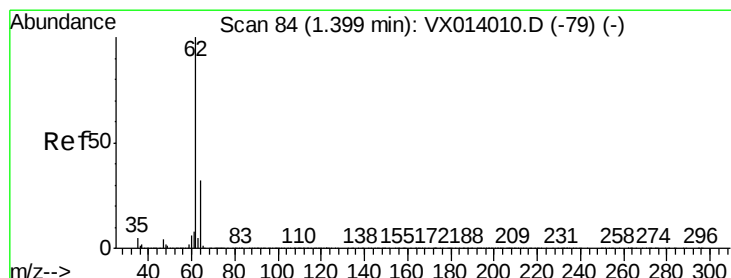
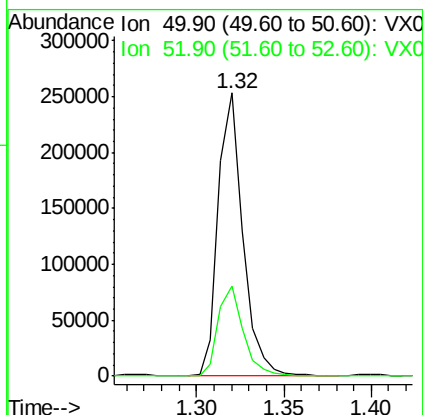
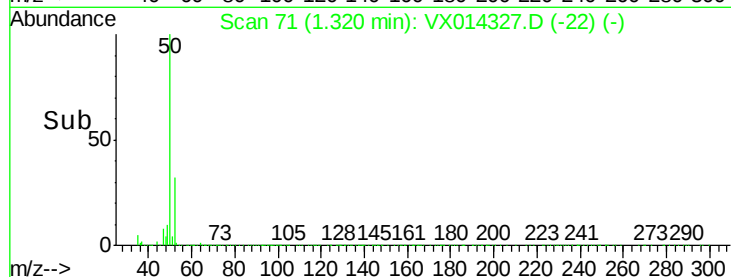
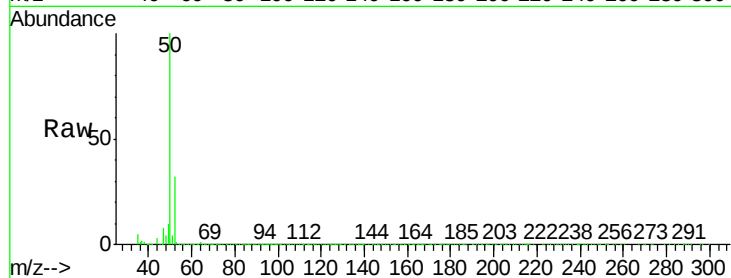
OW-5MSD

Tgt Ion: 50 Resp: 247848

Ion Ratio Lower Upper

50 100

52 32.0 26.2 39.4



#4

Vinyl Chloride

Concen: 47.259 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014327.D

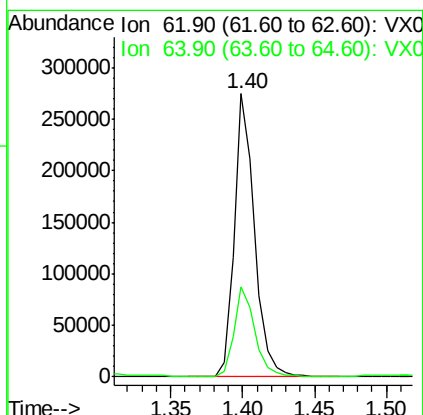
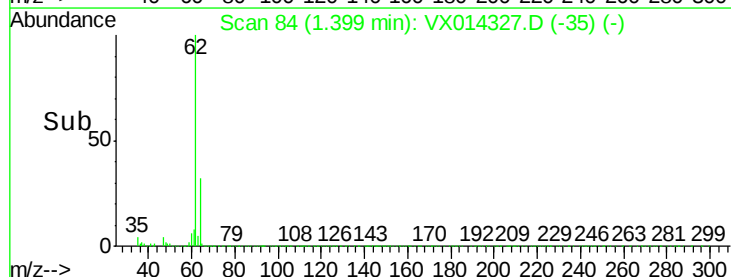
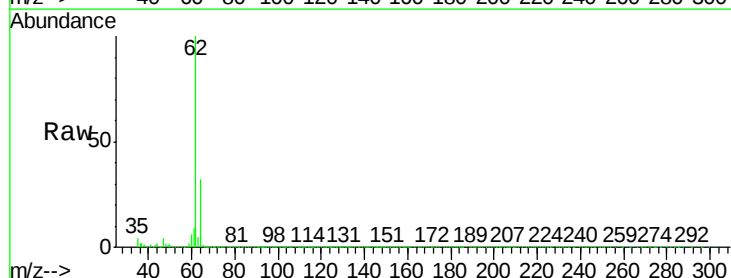
Acq: 27 Dec 2019 22:21

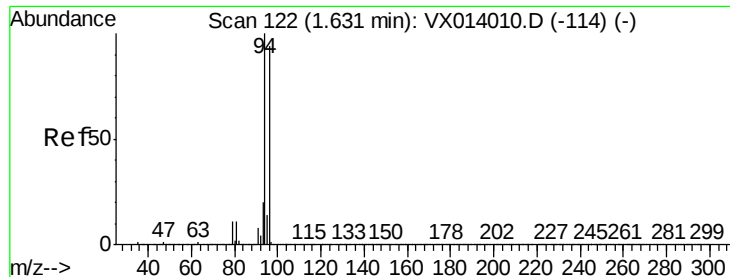
Tgt Ion: 62 Resp: 269456

Ion Ratio Lower Upper

62 100

64 31.3 25.7 38.5





#5

Bromomethane

Concen: 46.467 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

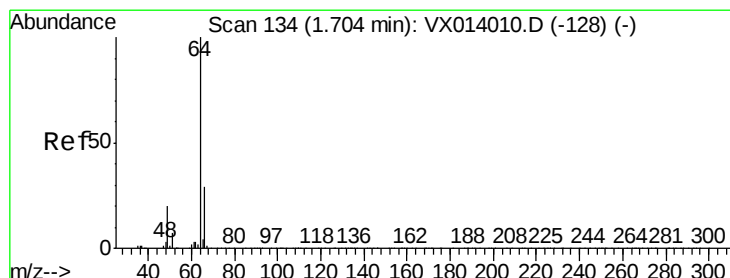
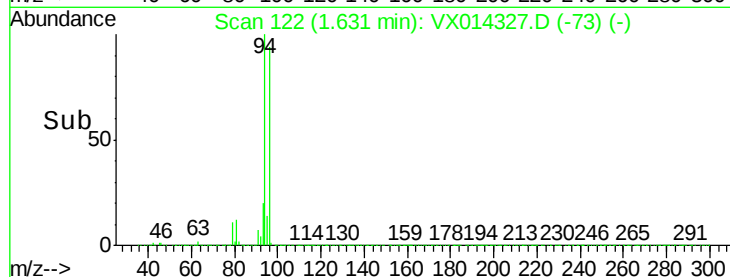
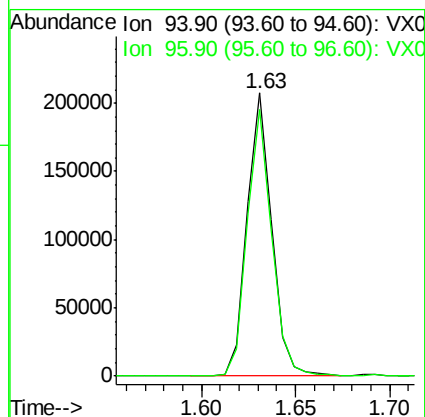
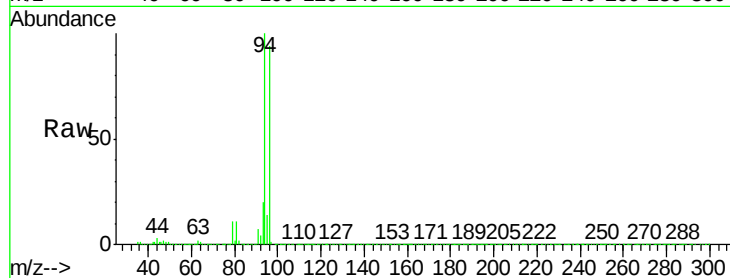
OW-5MSD

Tgt Ion: 94 Resp: 188043

Ion Ratio Lower Upper

94 100

96 94.1 75.2 112.8



#6

Chloroethane

Concen: 49.306 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX014327.D

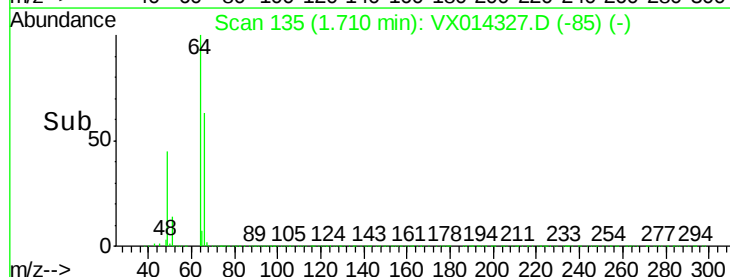
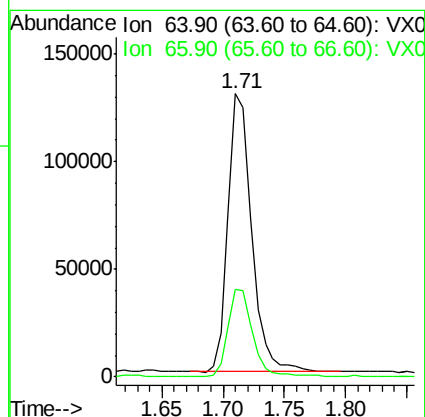
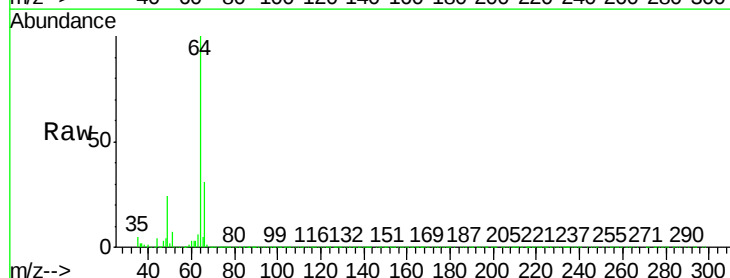
Acq: 27 Dec 2019 22:21

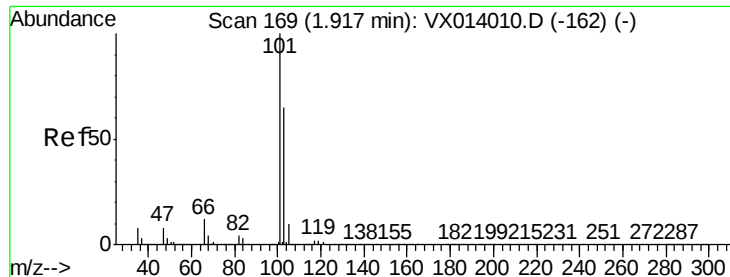
Tgt Ion: 64 Resp: 173510

Ion Ratio Lower Upper

64 100

66 31.4 23.4 35.2



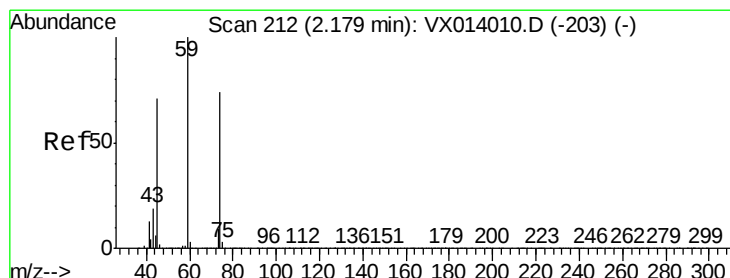
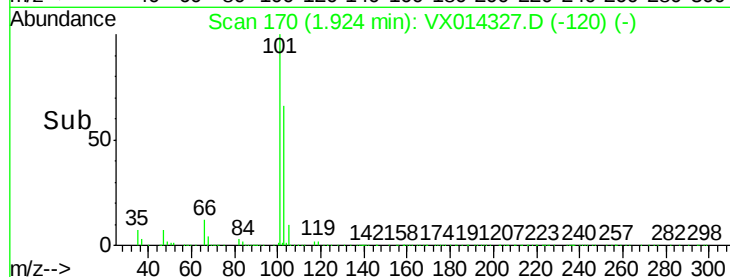
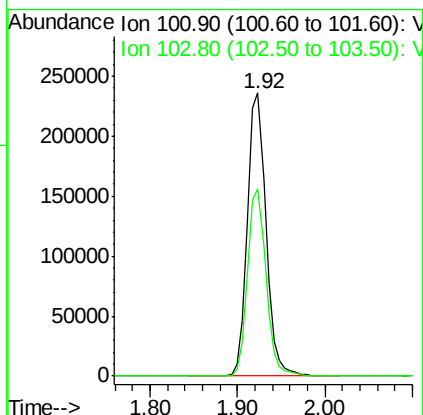
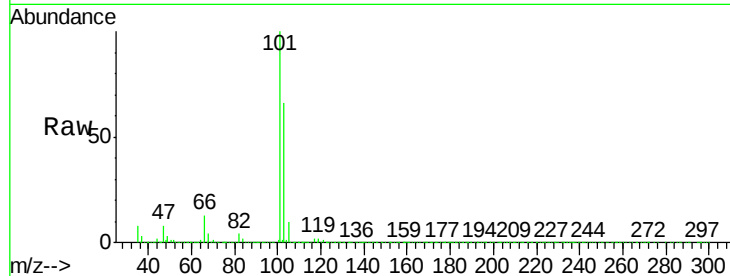


#7

Trichlorofluoromethane
Concen: 49.159 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

Instrument :
MSVOA_X
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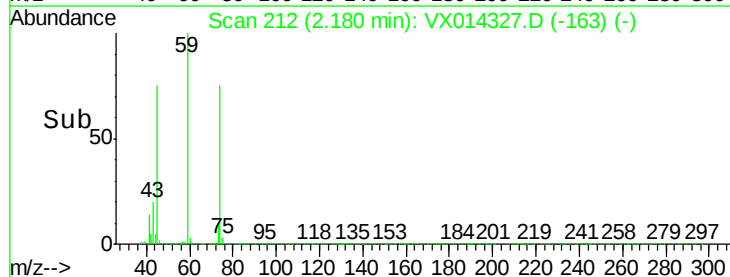
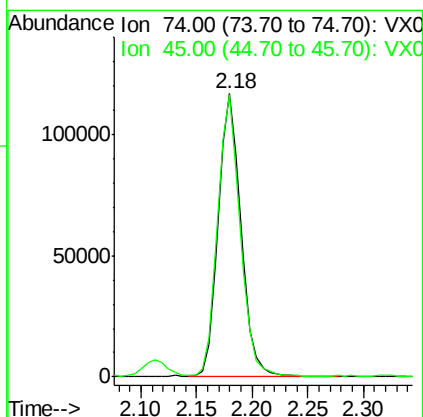
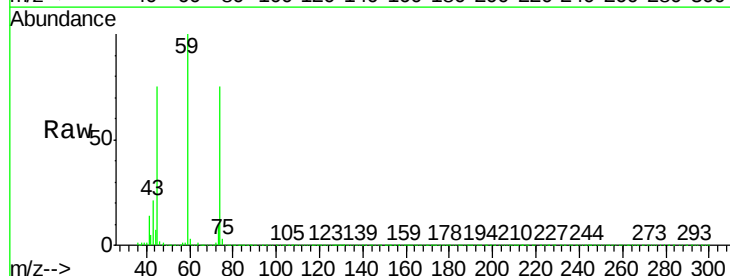
Tgt Ion:101 Resp: 346976
Ion Ratio Lower Upper
101 100
103 66.1 52.2 78.4

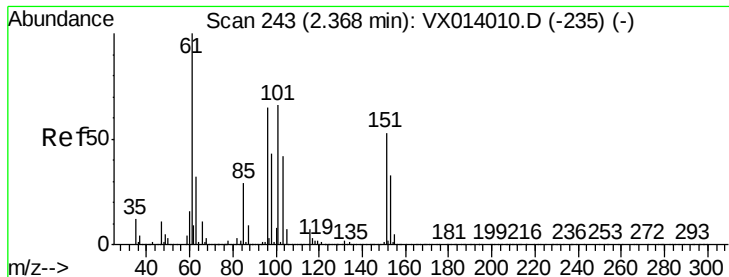


#8

Diethyl Ether
Concen: 49.628 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

Tgt Ion: 74 Resp: 164396
Ion Ratio Lower Upper
74 100
45 98.7 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.119 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

OW-5MSD

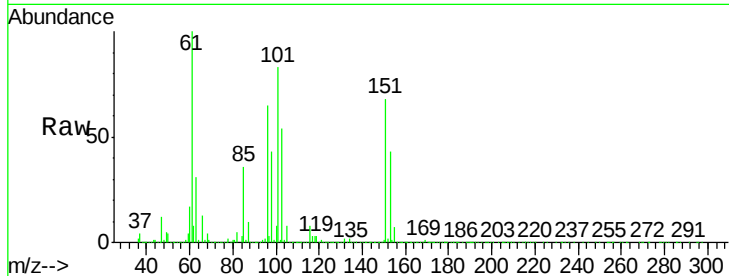
Tgt Ion:101 Resp: 208986

Ion Ratio Lower Upper

101 100

85 43.6 33.7 50.5

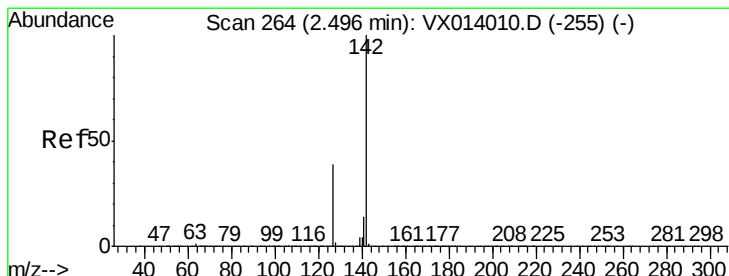
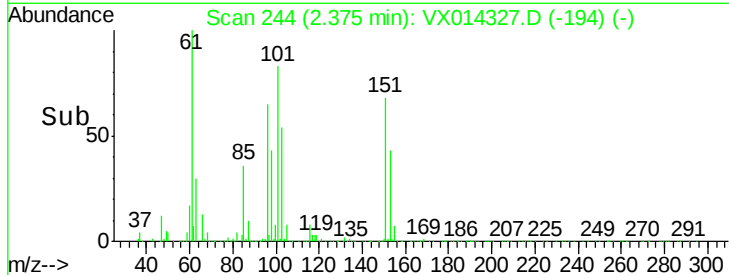
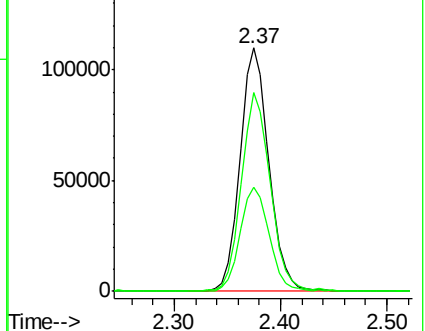
151 81.8 64.5 96.7



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: 45.167 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

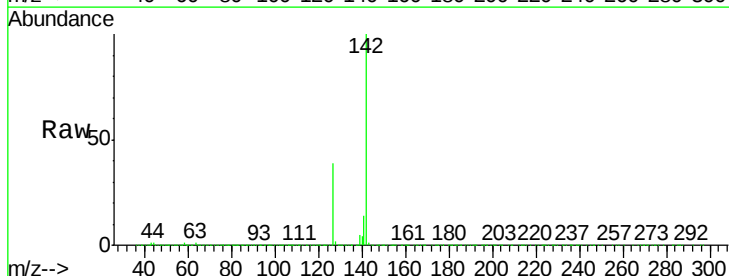
Tgt Ion:142 Resp: 251927

Ion Ratio Lower Upper

142 100

127 38.9 31.6 47.4

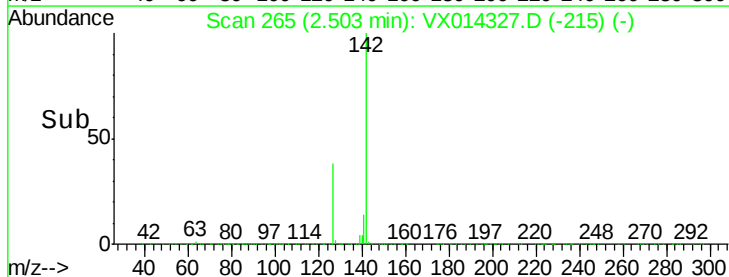
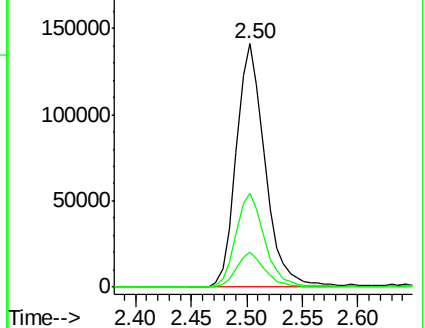
141 14.1 11.6 17.4

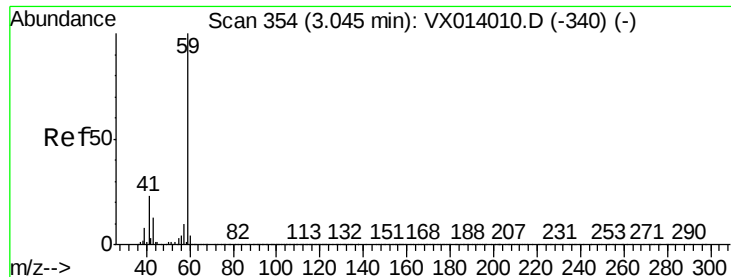


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

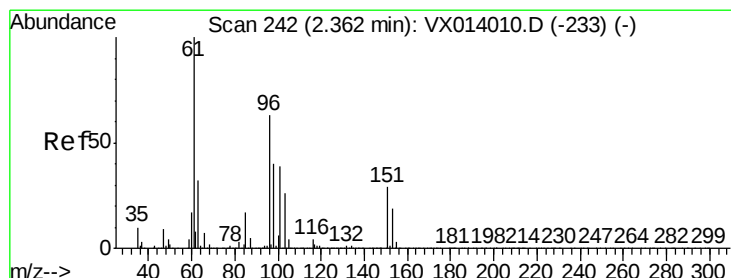
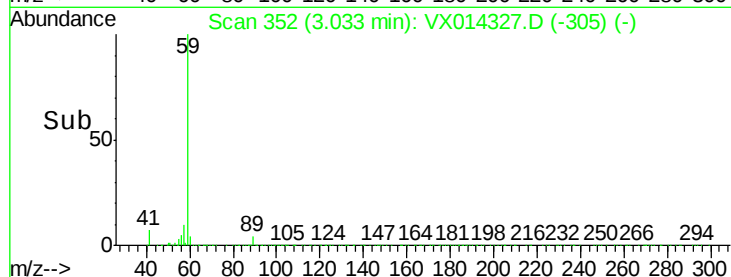
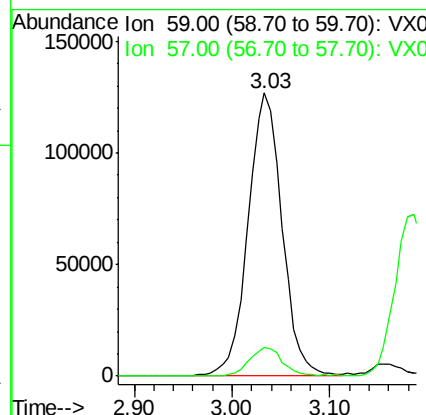
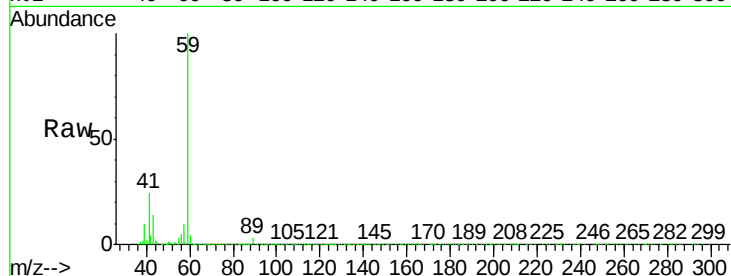




#11
Tert butyl alcohol
Concen: 277.554 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

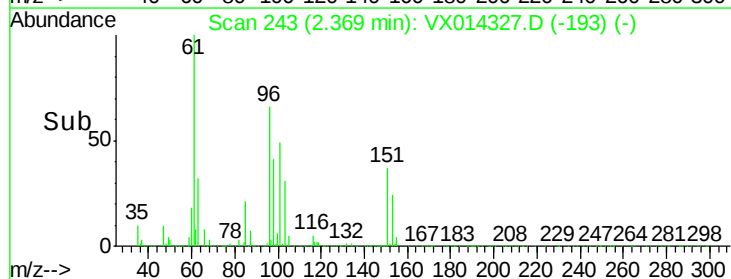
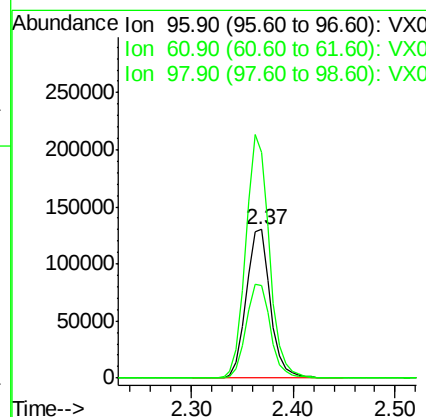
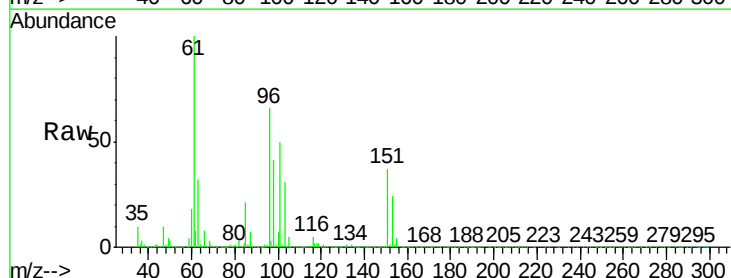
Instrument :
MSVOA_X
ClientSampleId :
OW-5MSD

Tgt Ion: 59 Resp: 305918
Ion Ratio Lower Upper
59 100
57 9.8 8.4 12.6



#12
1,1-Dichloroethene
Concen: 48.996 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

Tgt Ion: 96 Resp: 212123
Ion Ratio Lower Upper
96 100
61 151.7 127.9 191.9
98 62.2 50.5 75.7





#13

Acrolein

Concen: 296.344 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

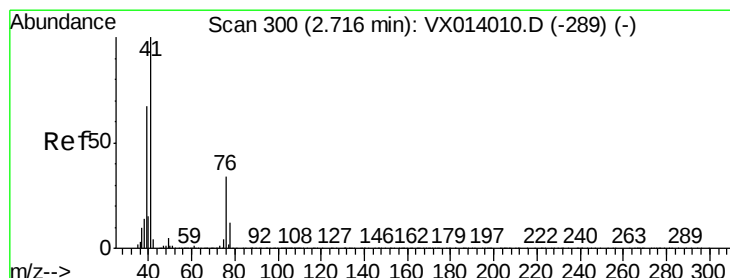
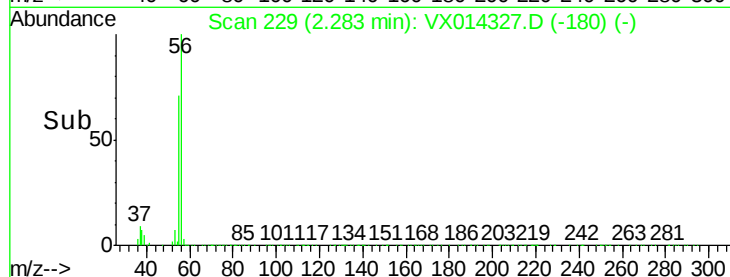
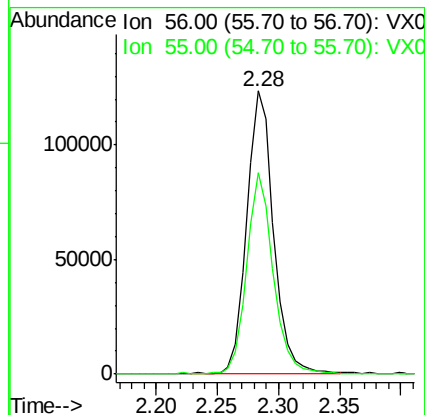
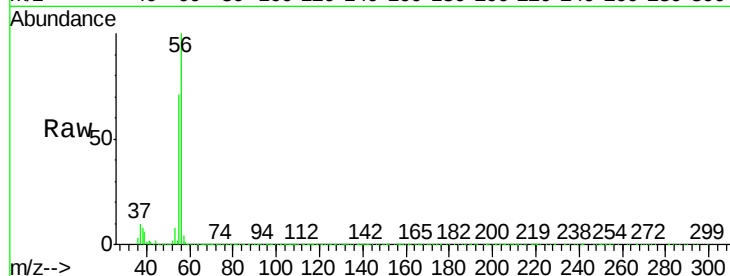
OW-5MSD

Tgt Ion: 56 Resp: 186972

Ion Ratio Lower Upper

56 100

55 69.8 56.9 85.3



#14

Allyl chloride

Concen: 52.337 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

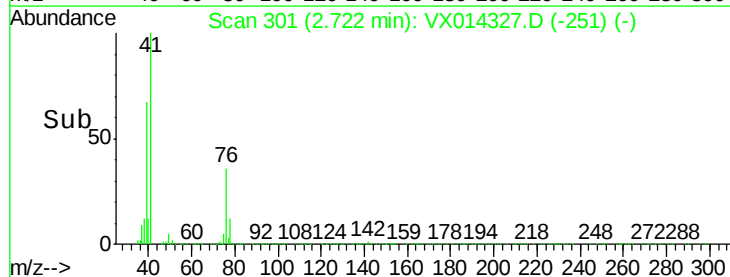
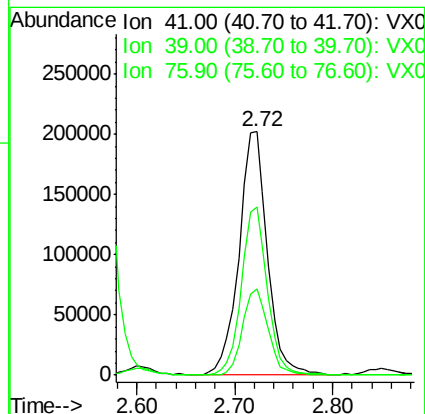
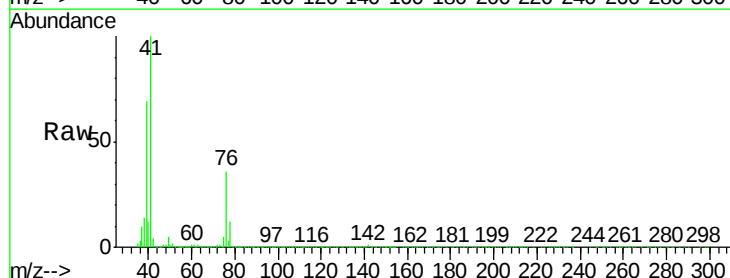
Tgt Ion: 41 Resp: 404567

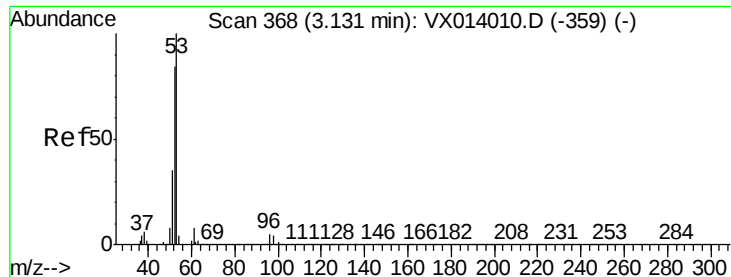
Ion Ratio Lower Upper

41 100

39 62.8 51.8 77.8

76 31.7 25.9 38.9

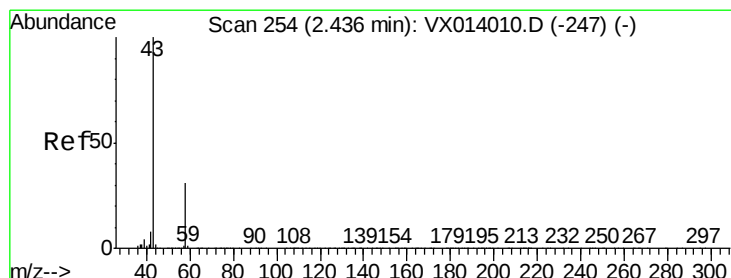
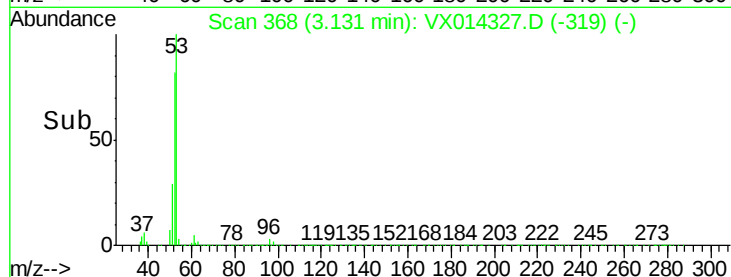
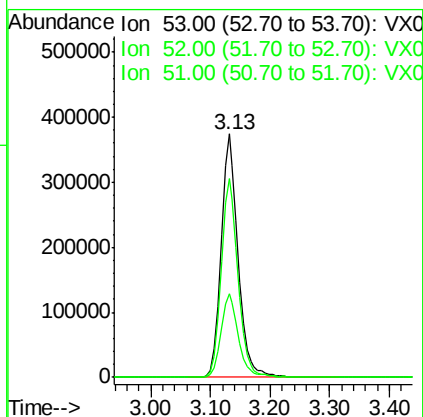
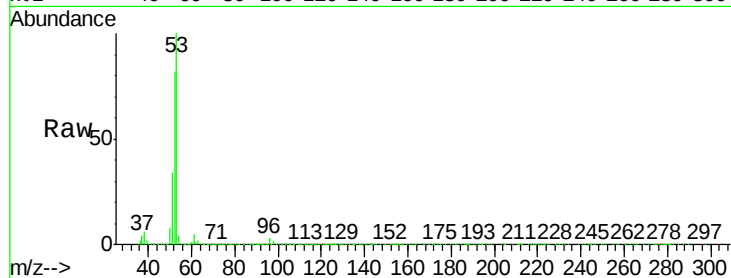




#15
Acrylonitrile
Concen: 288.023 ug/l
RT: 3.13 min Scan# 368
Delta R.T. 0.00 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

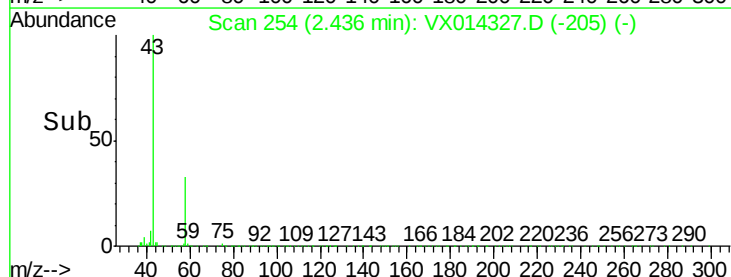
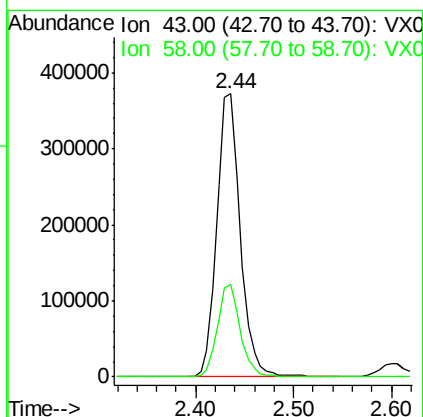
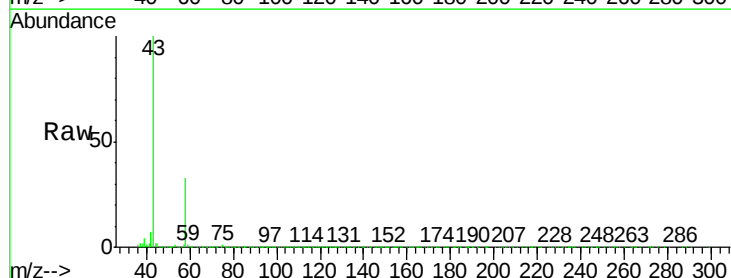
Instrument :
MSVOA_X
ClientSampleId :
OW-5MSD

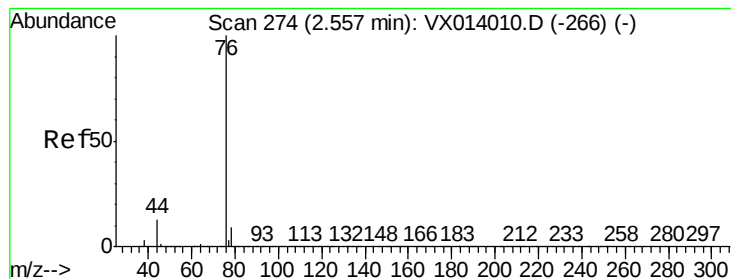
Tgt Ion:	53	Resp:	740965
Ion	Ratio	Lower	Upper
53	100		
52	81.2	66.5	99.7
51	35.0	28.1	42.1



#16
Acetone
Concen: 185.980 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.00 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

Tgt Ion:	43	Resp:	615891
Ion	Ratio	Lower	Upper
43	100		
58	32.6	24.9	37.3





#17

Carbon Disulfide

Concen: 44.921 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

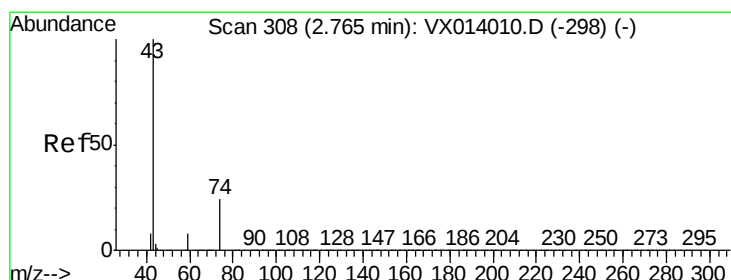
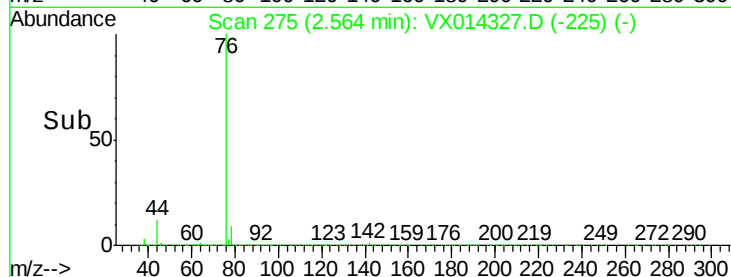
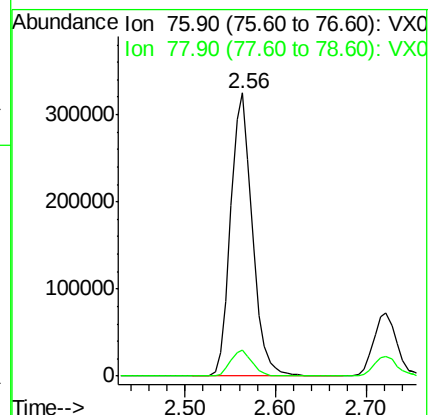
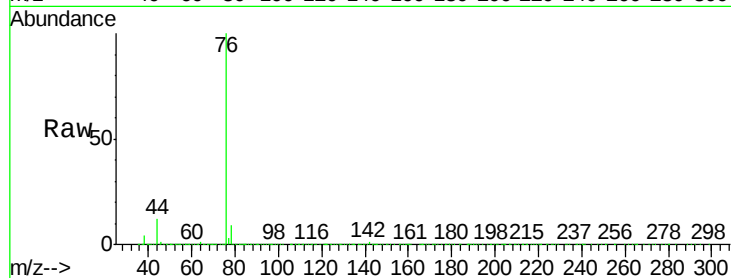
OW-5MSD

Tgt Ion: 76 Resp: 538979

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8



#18

Methyl Acetate

Concen: 53.550 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014327.D

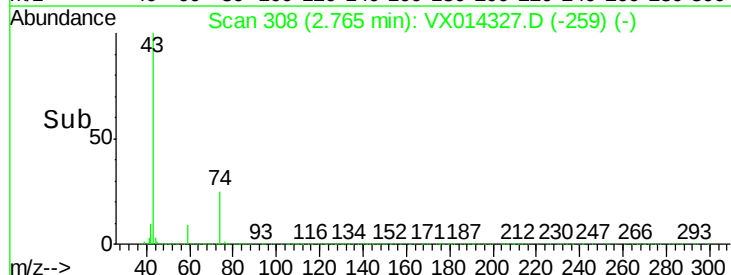
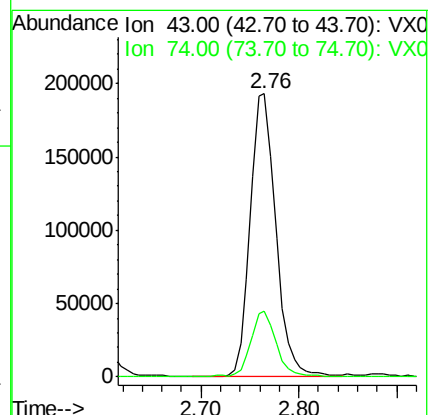
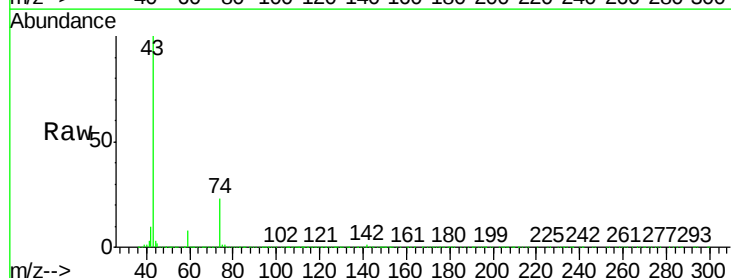
Acq: 27 Dec 2019 22:21

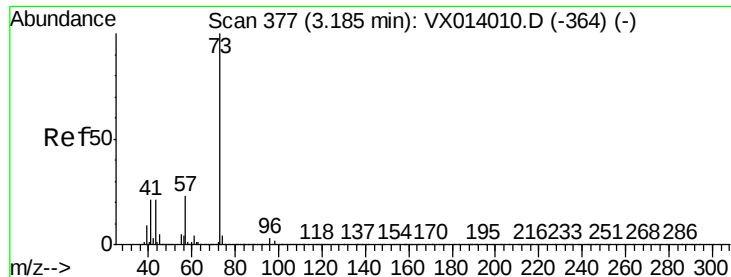
Tgt Ion: 43 Resp: 351398

Ion Ratio Lower Upper

43 100

74 22.7 19.5 29.3





#19

Methyl tert-butyl Ether

Concen: 53.223 ug/l

RT: 3.19 min Scan# 377

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

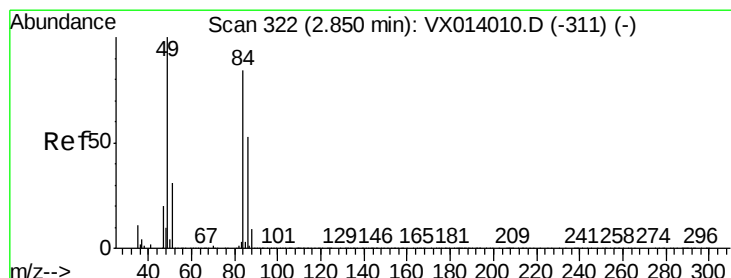
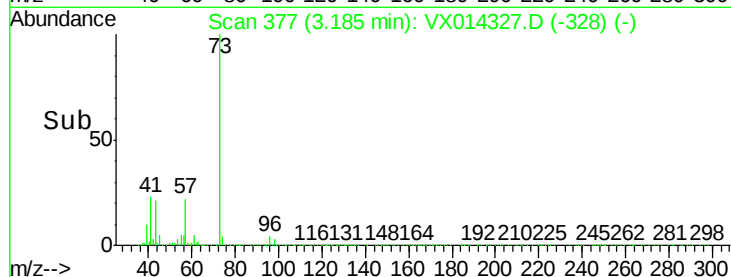
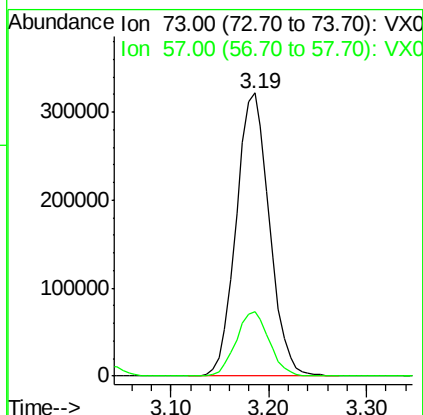
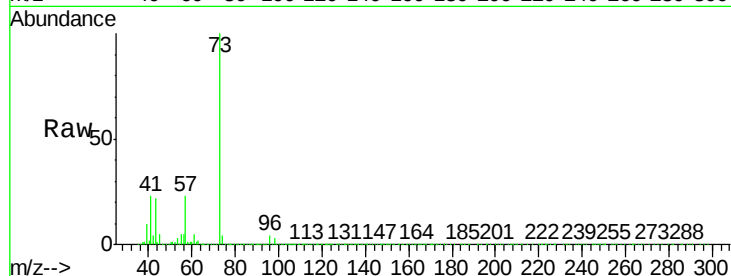
OW-5MSD

Tgt Ion: 73 Resp: 757173

Ion Ratio Lower Upper

73 100

57 22.5 18.8 28.2



#20

Methylene Chloride

Concen: 49.101 ug/l

RT: 2.85 min Scan# 322

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Tgt Ion: 84 Resp: 256053

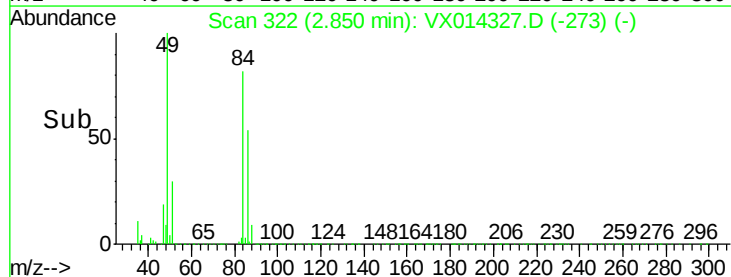
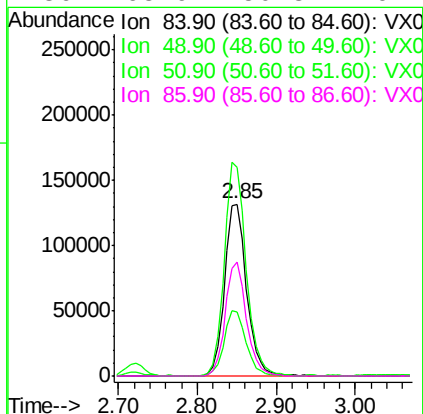
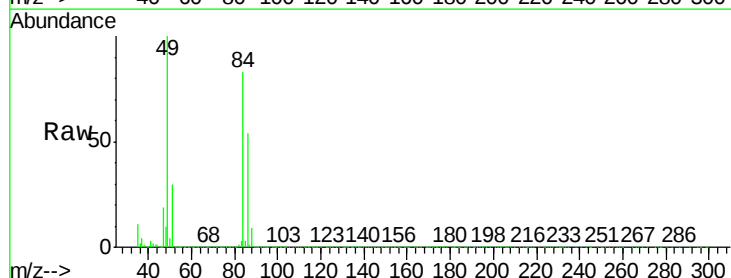
Ion Ratio Lower Upper

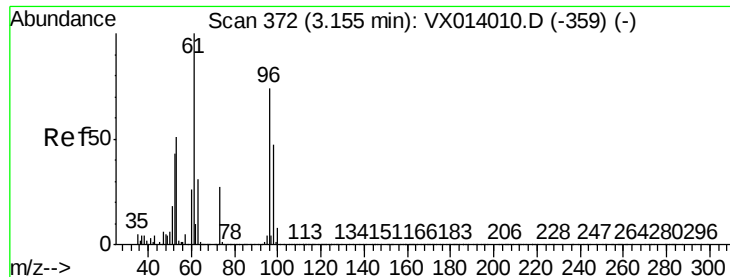
84 100

49 121.0 95.8 143.6

51 36.8 29.8 44.8

86 65.9 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 48.329 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

OW-5MSD

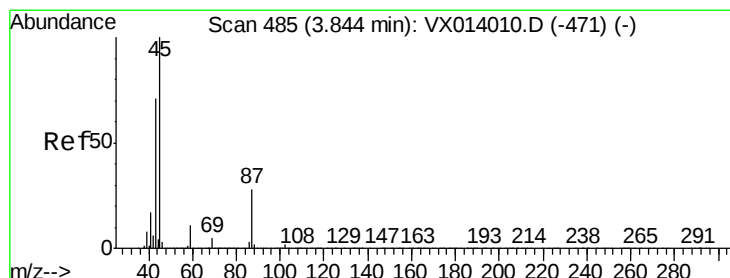
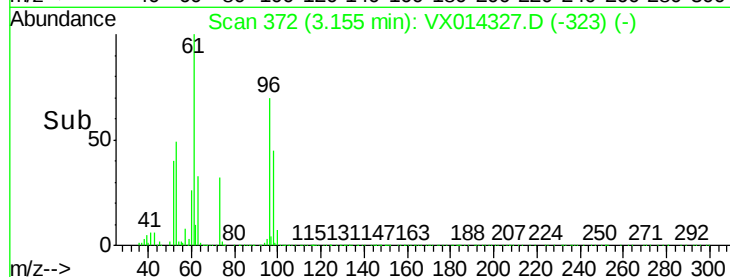
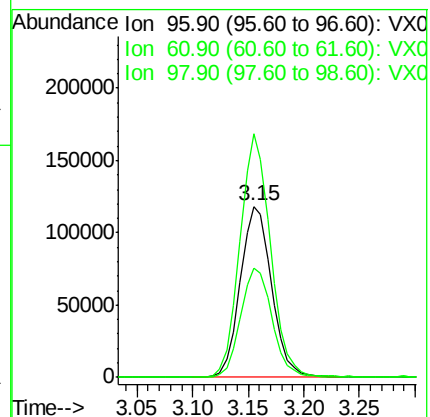
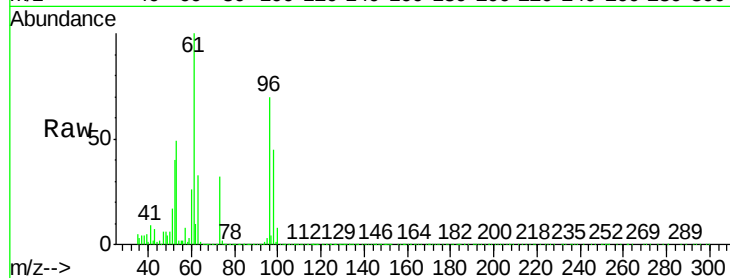
Tgt Ion: 96 Resp: 230510

Ion Ratio Lower Upper

96 100

61 142.4 108.3 162.5

98 64.0 50.8 76.2



#22

Diisopropyl ether

Concen: 54.898 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Tgt Ion: 45 Resp: 845652

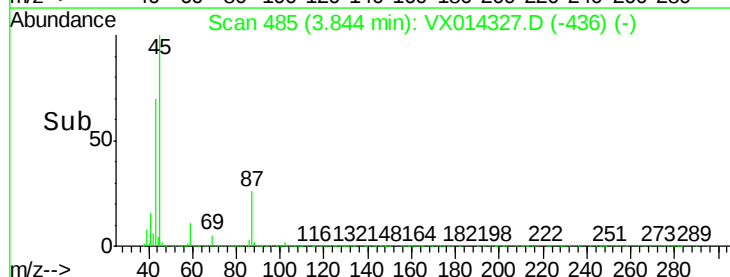
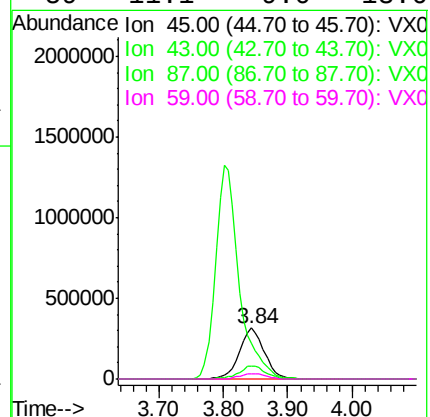
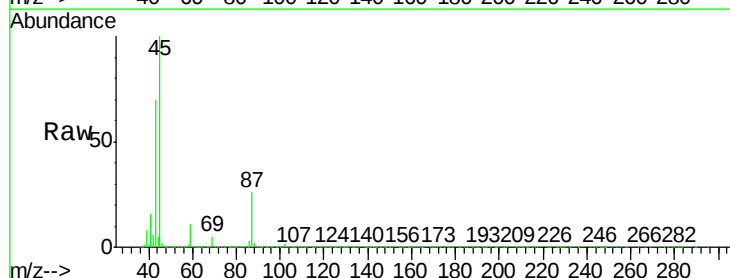
Ion Ratio Lower Upper

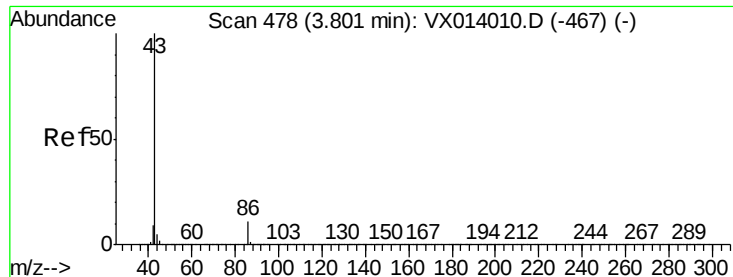
45 100

43 69.6 57.4 86.0

87 25.5 21.9 32.9

59 11.1 9.0 13.6





#23

Vinyl Acetate

Concen: 270.091 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

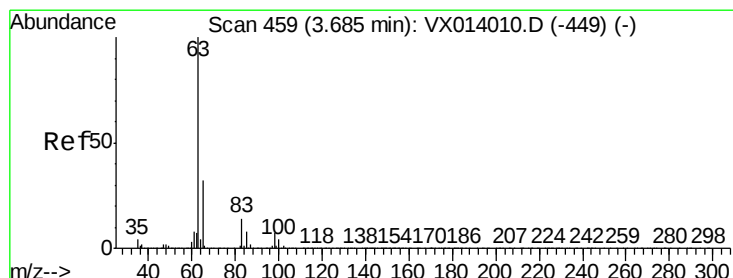
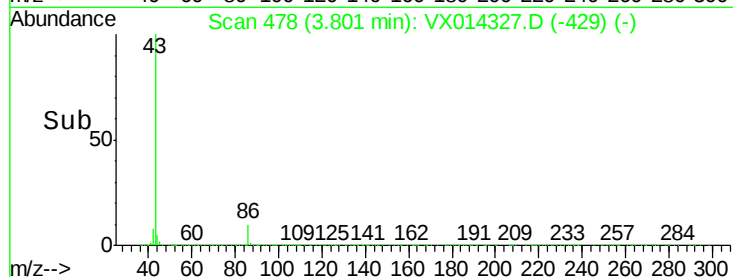
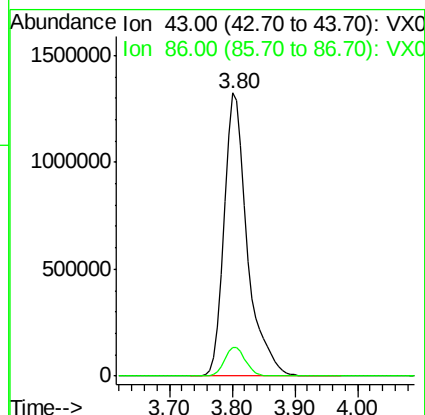
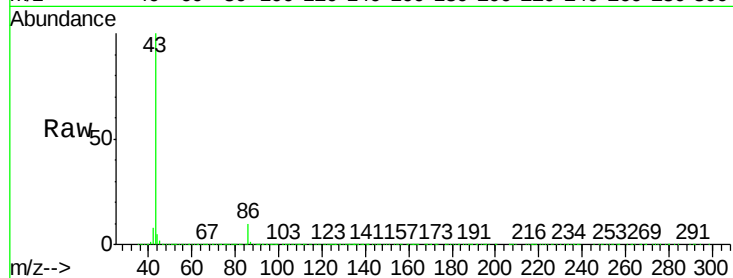
OW-5MSD

Tgt Ion: 43 Resp: 3395181

Ion Ratio Lower Upper

43 100

86 10.3 8.6 12.8



#24

1,1-Dichloroethane

Concen: 52.311 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

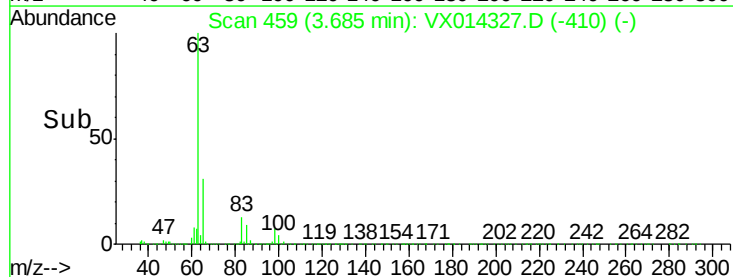
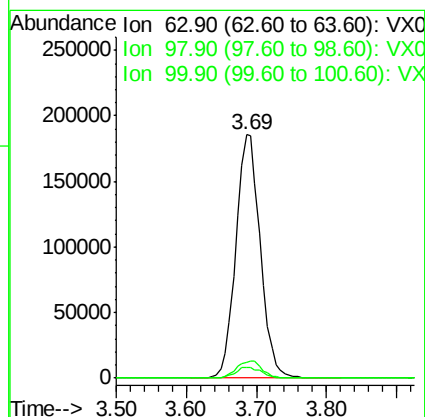
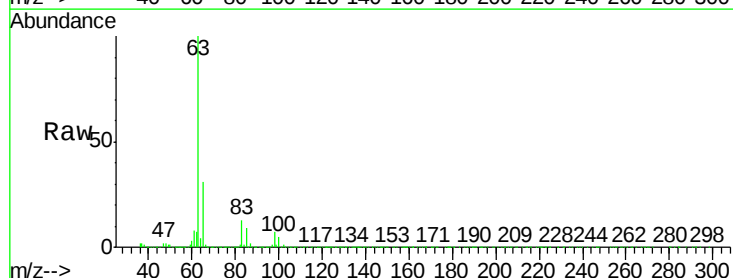
Tgt Ion: 63 Resp: 448312

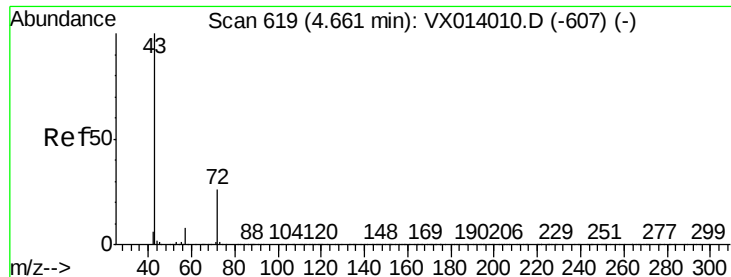
Ion Ratio Lower Upper

63 100

98 6.6 3.6 10.8

100 4.4 2.3 6.8





#25

2-Butanone

Concen: 249.656 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

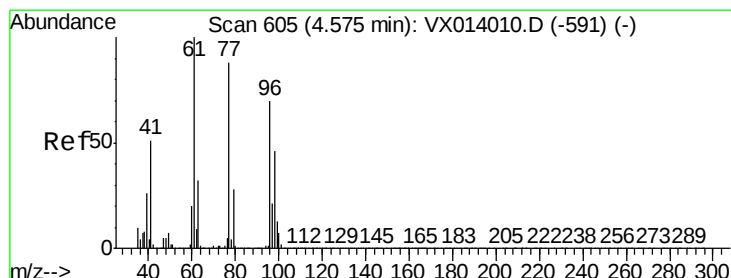
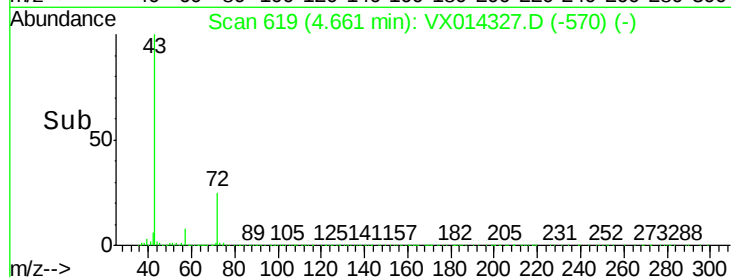
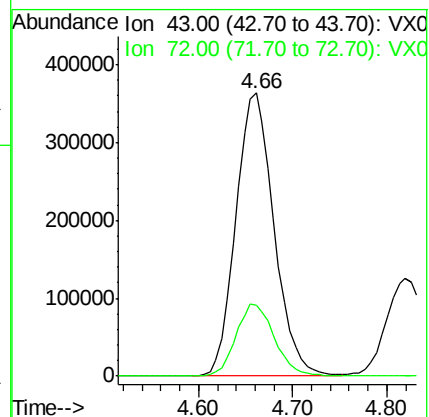
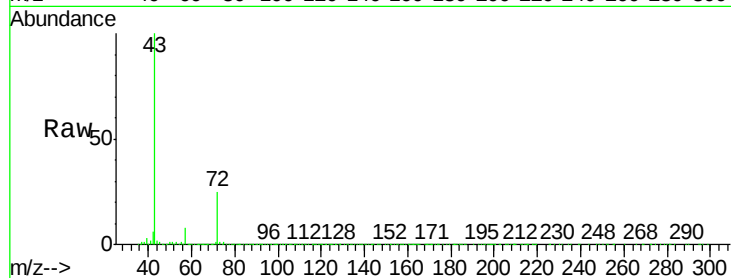
OW-5MSD

Tgt Ion: 43 Resp: 1019296

Ion Ratio Lower Upper

43 100

72 24.8 21.0 31.4



#26

2,2-Dichloropropane

Concen: 44.673 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014327.D

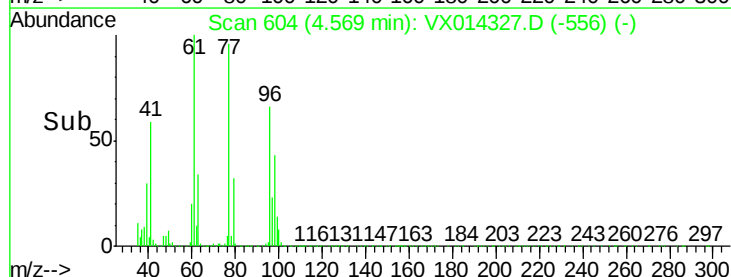
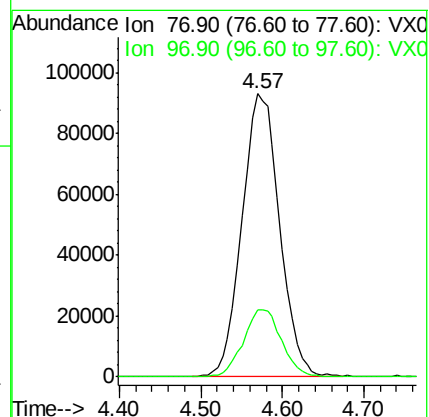
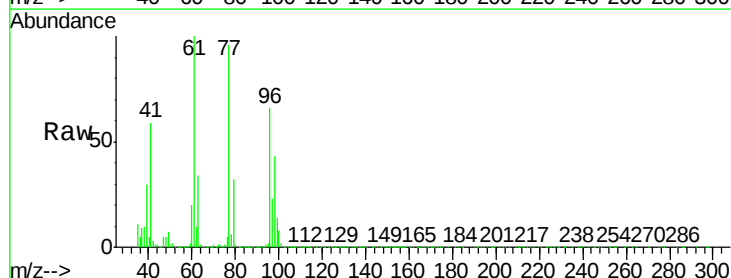
Acq: 27 Dec 2019 22:21

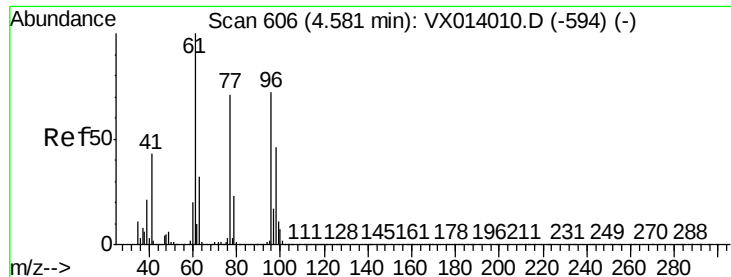
Tgt Ion: 77 Resp: 297251

Ion Ratio Lower Upper

77 100

97 24.0 11.9 35.9



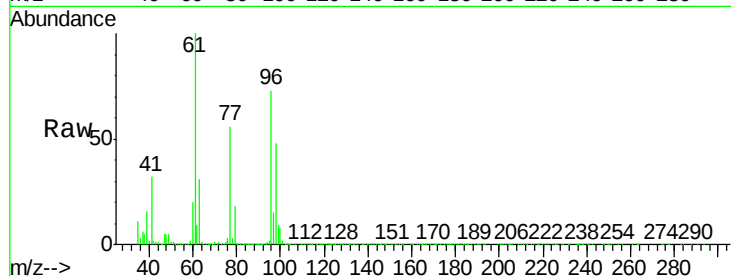


#27

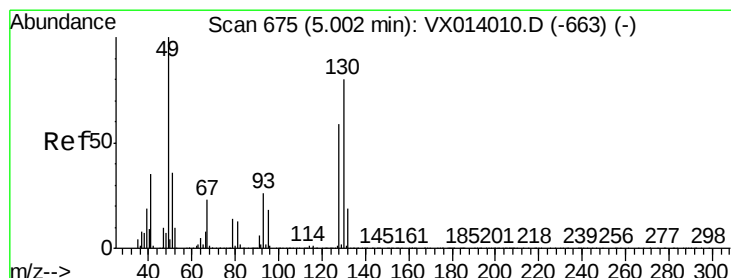
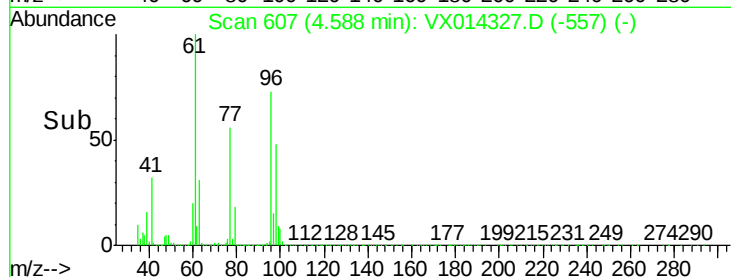
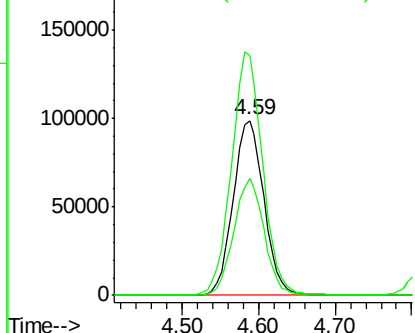
cis-1,2-Dichloroethene
Concen: 51.097 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
OW-5MSD

Tgt Ion: 96 Resp: 275630
Ion Ratio Lower Upper
96 100
61 139.9 0.0 288.4
98 65.4 0.0 129.6



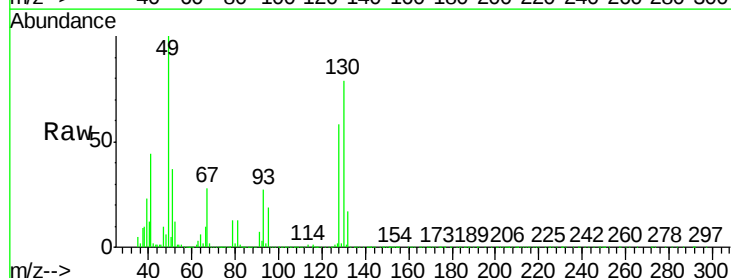
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



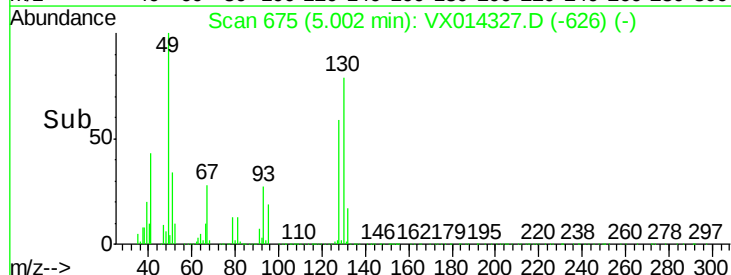
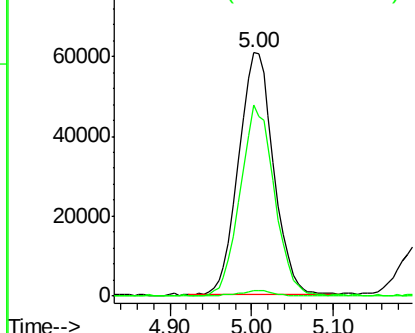
#28

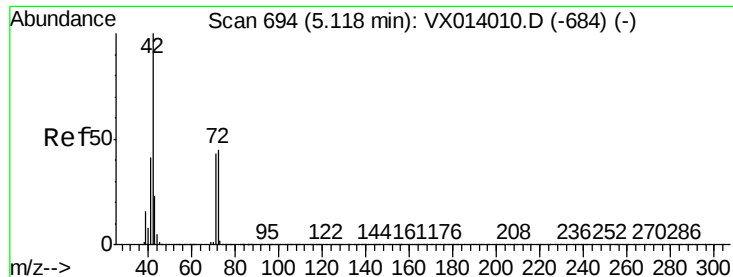
Bromochloromethane
Concen: 54.929 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

Tgt Ion: 49 Resp: 181193
Ion Ratio Lower Upper
49 100
129 2.1 0.0 5.0
130 76.7 64.6 97.0



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

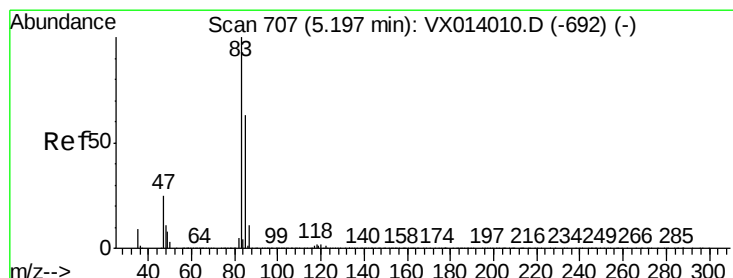
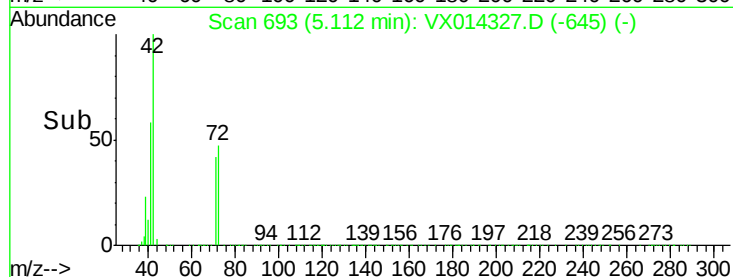
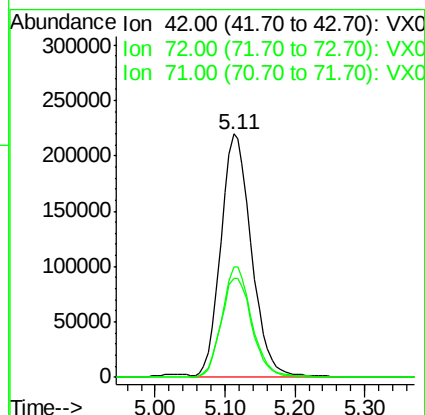
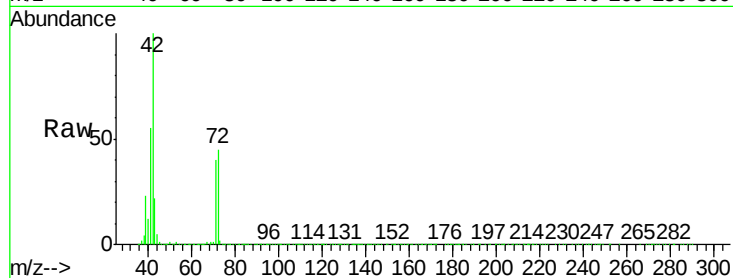




#29
Tetrahydrofuran
Concen: 290.411 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

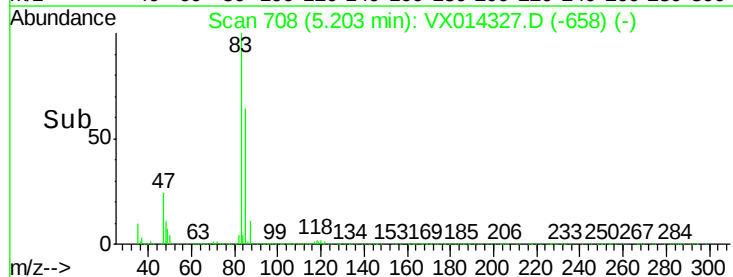
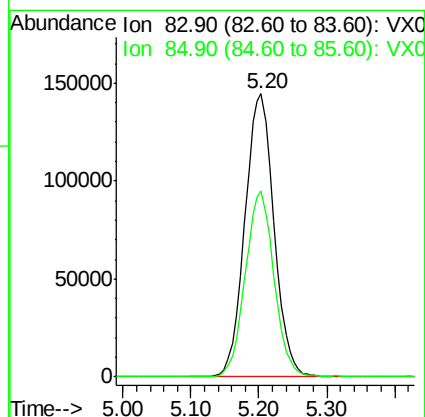
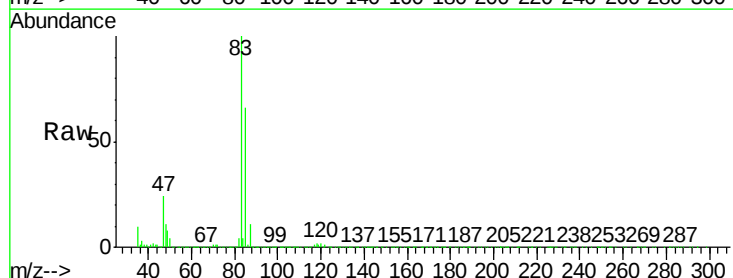
Instrument :
MSVOA_X
ClientSampleId :
OW-5MSD

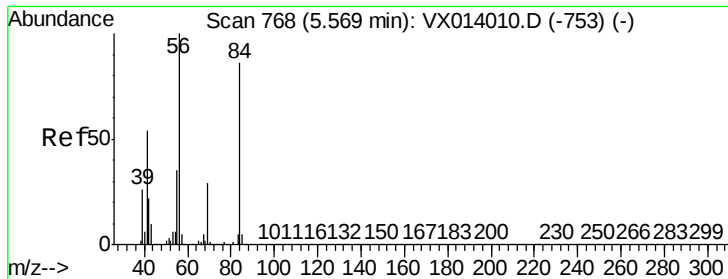
Tgt Ion: 42 Resp: 663188
Ion Ratio Lower Upper
42 100
72 44.8 35.8 53.8
71 41.4 33.6 50.4



#30
Chloroform
Concen: 52.836 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

Tgt Ion: 83 Resp: 429251
Ion Ratio Lower Upper
83 100
85 65.6 50.8 76.2

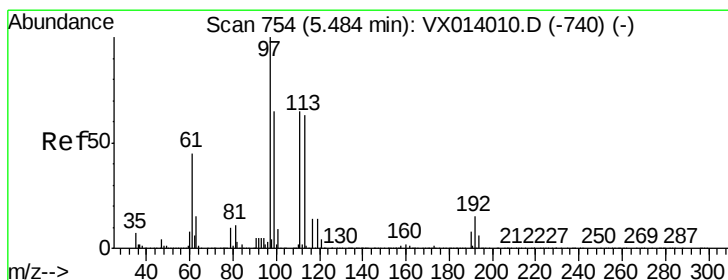
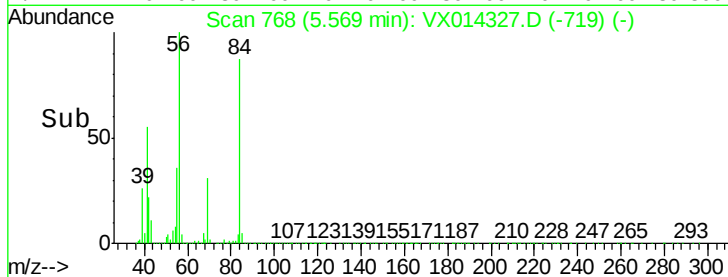
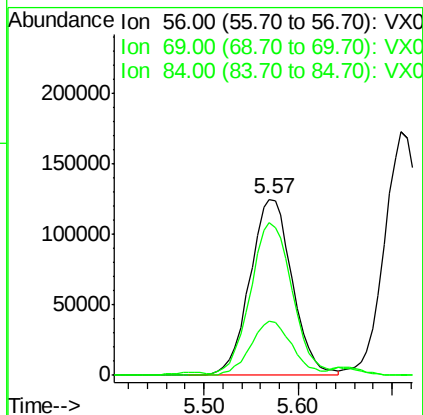
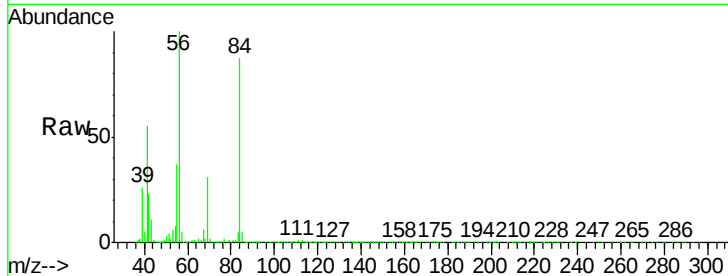




#31
Cyclohexane
Concen: 50.985 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

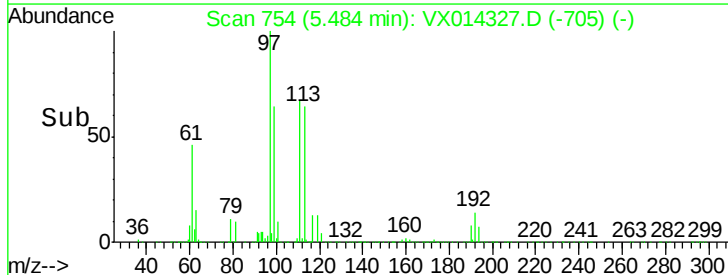
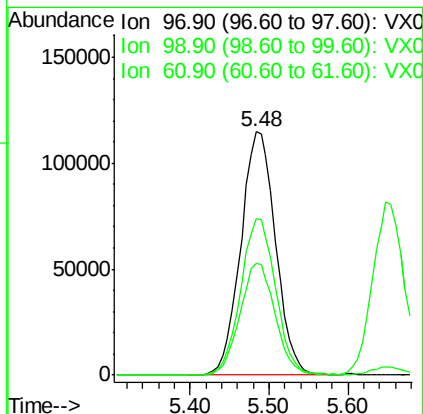
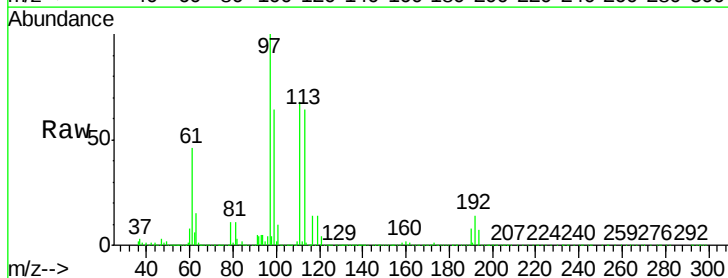
Instrument :
MSVOA_X
ClientSampleId :
OW-5MSD

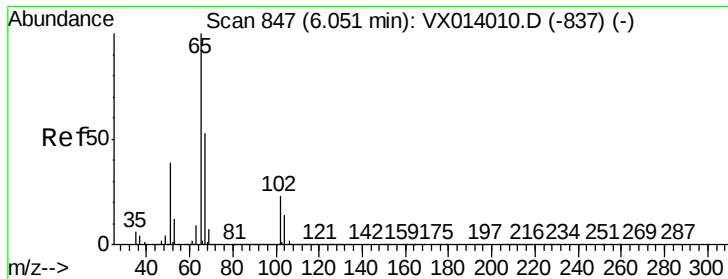
Tgt Ion: 56 Resp: 388624
Ion Ratio Lower Upper
56 100
69 30.7 23.2 34.8
84 85.5 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 50.698 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

Tgt Ion: 97 Resp: 351041
Ion Ratio Lower Upper
97 100
99 64.5 52.0 78.0
61 46.2 36.7 55.1





#33

1,2-Dichloroethane-d4

Concen: 52.116 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

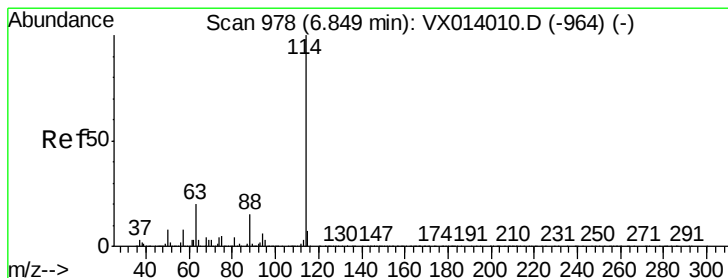
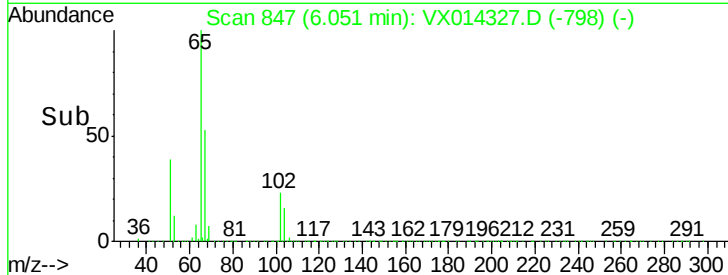
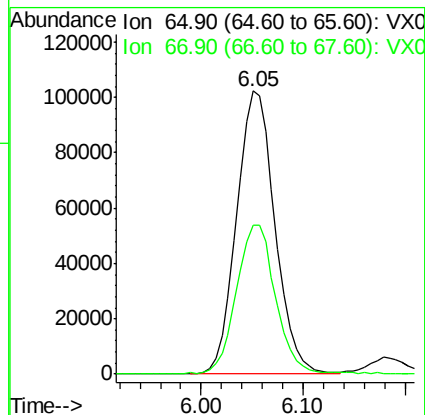
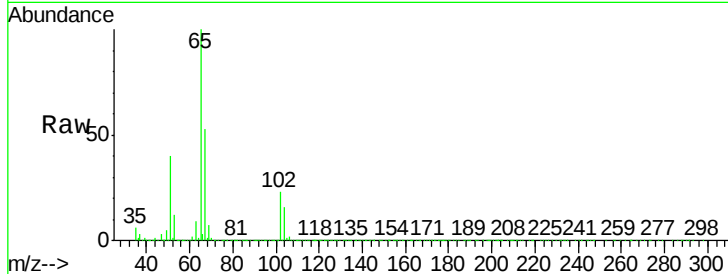
OW-5MSD

Tgt Ion: 65 Resp: 265839

Ion Ratio Lower Upper

65 100

67 53.2 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: VX014327.D

Acq: 27 Dec 2019 22:21

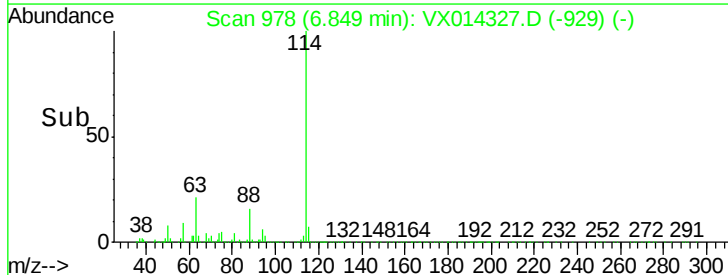
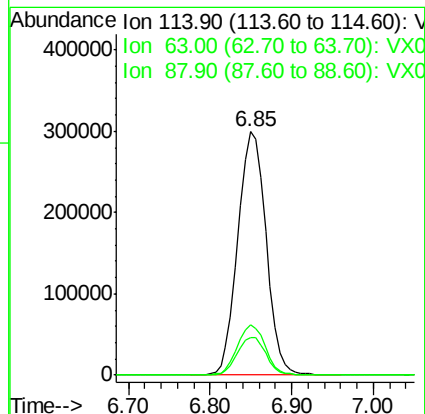
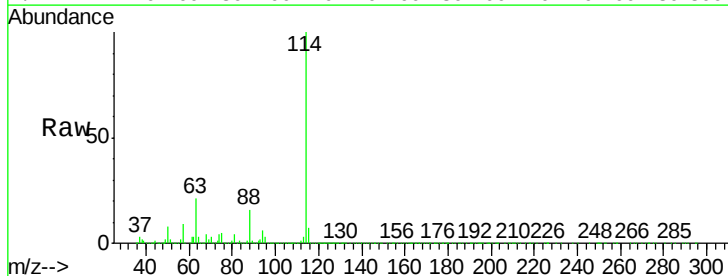
Tgt Ion: 114 Resp: 720319

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

88 15.6 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.190 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

OW-5MSD

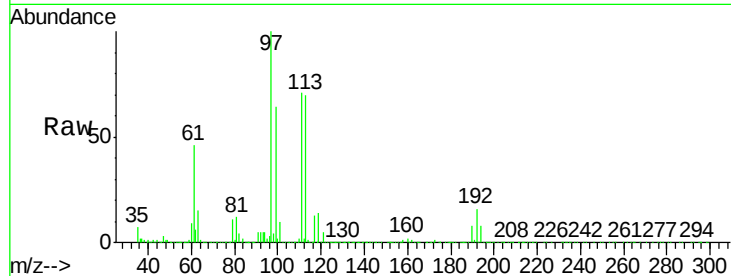
Tgt Ion:113 Resp: 219769

Ion Ratio Lower Upper

113 100

111 103.9 82.0 123.0

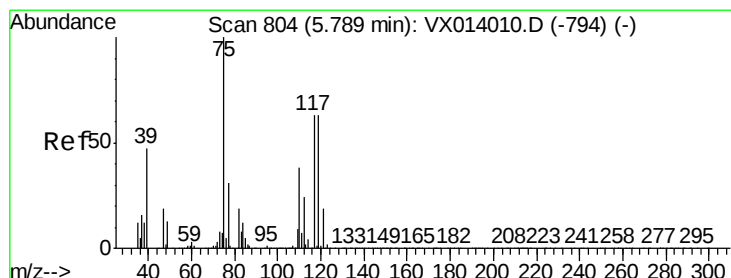
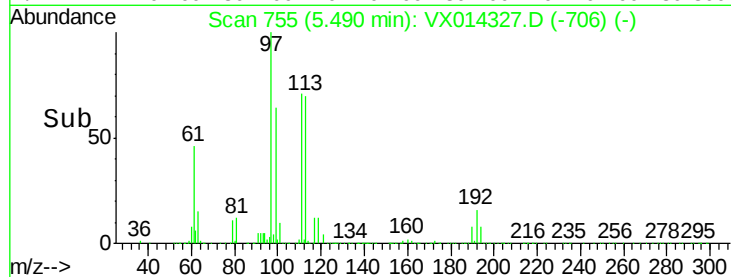
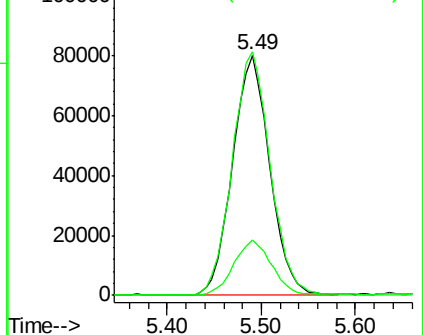
192 23.7 19.3 28.9



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: 47.925 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

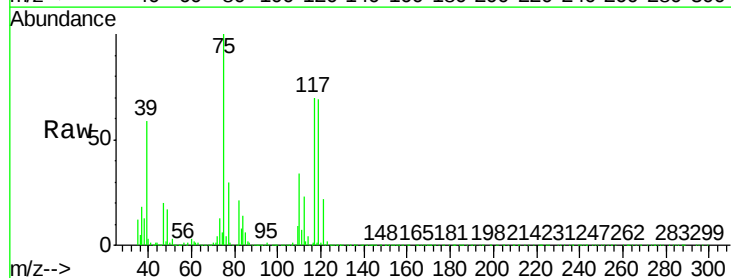
Tgt Ion: 75 Resp: 316751

Ion Ratio Lower Upper

75 100

110 35.1 18.3 54.9

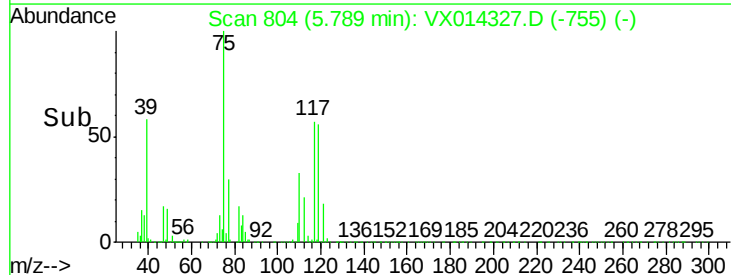
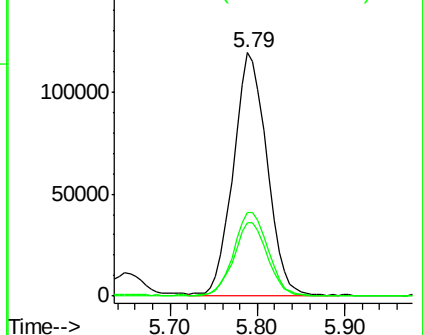
77 30.0 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 51.014 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

OW-5MSD

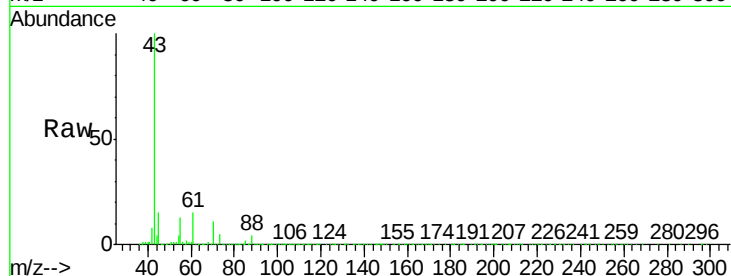
Tgt Ion: 43 Resp: 372328

Ion Ratio Lower Upper

43 100

61 13.7 10.8 16.2

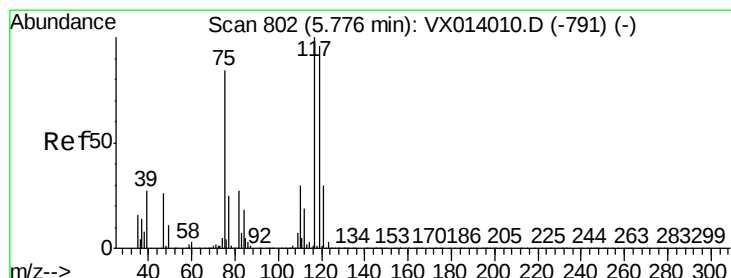
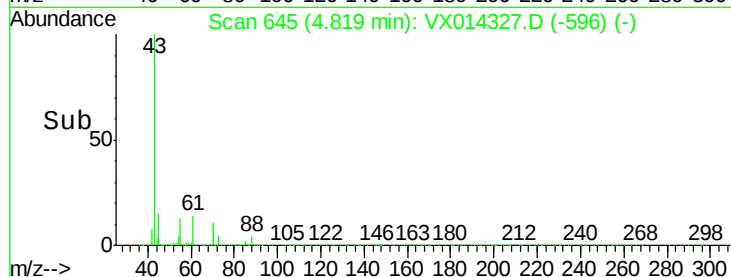
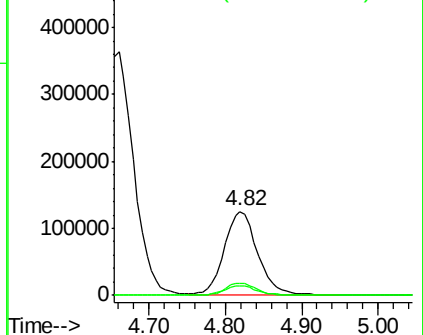
70 10.9 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 49.224 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

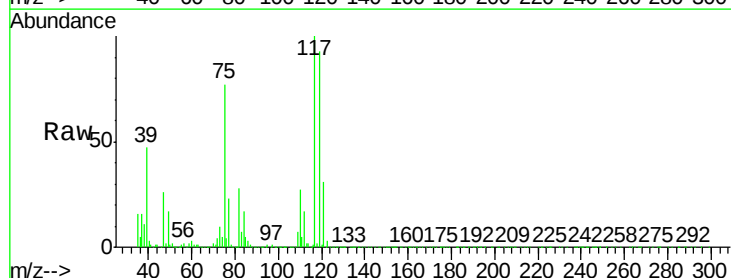
Tgt Ion: 117 Resp: 296382

Ion Ratio Lower Upper

117 100

119 93.2 76.2 114.4

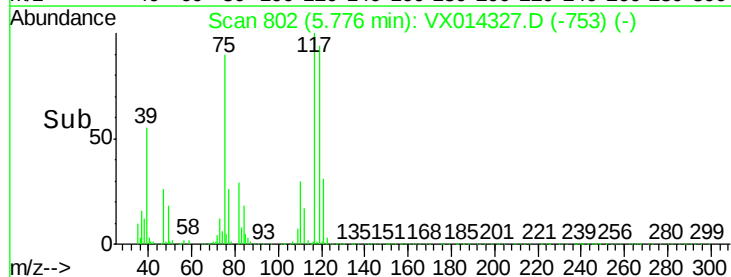
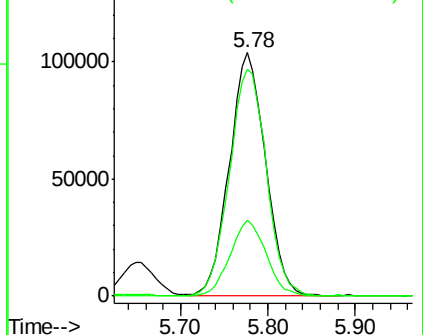
121 31.0 23.6 35.4

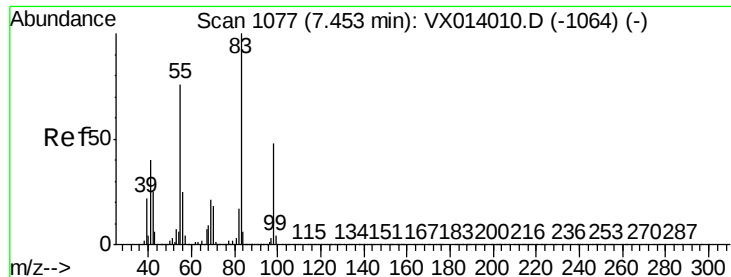


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

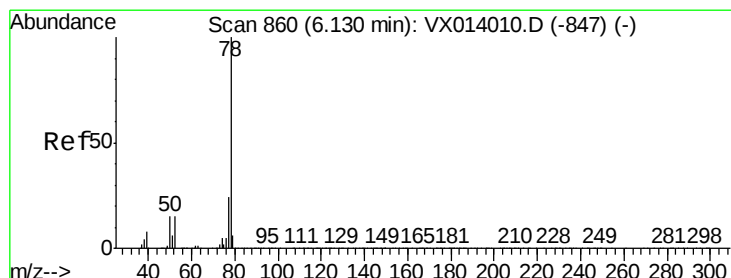
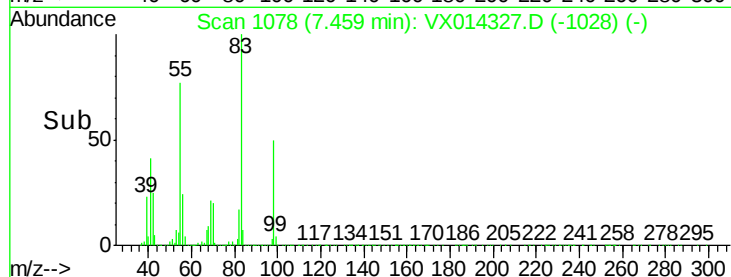
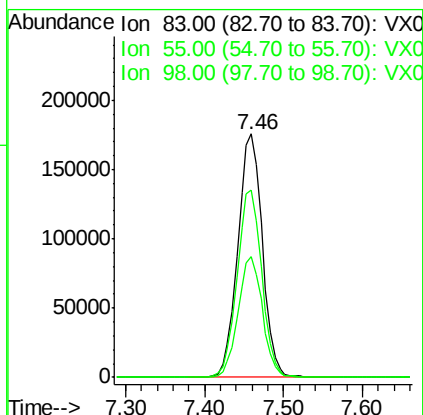
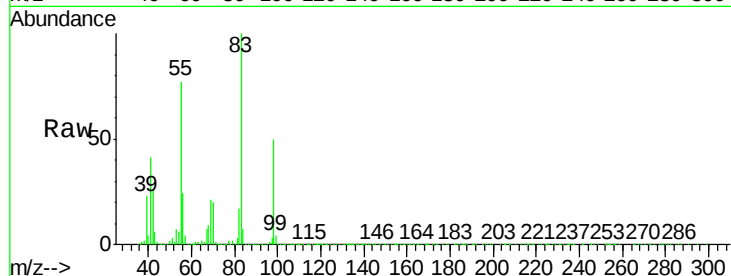




#39
Methylcyclohexane
Concen: 46.374 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

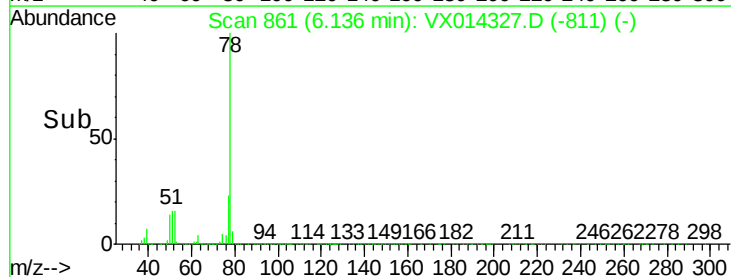
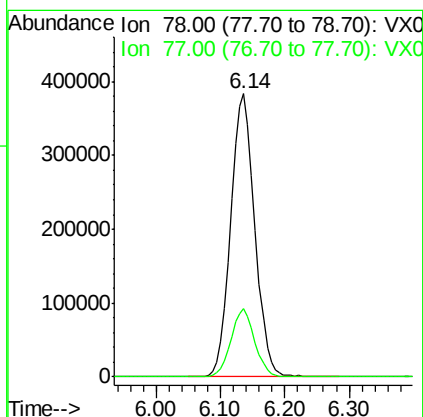
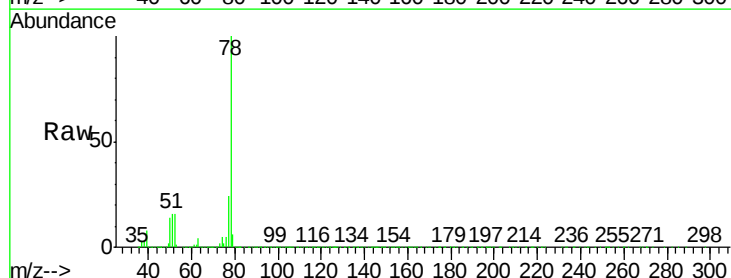
Instrument :
MSVOA_X
ClientSampleId :
OW-5MSD

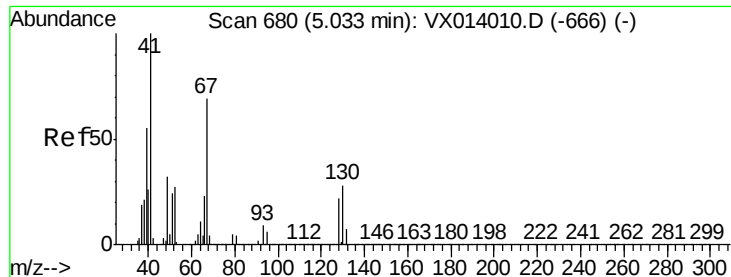
Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.8	61.0	91.6
98	49.8	38.6	57.8



#40
Benzene
Concen: 49.384 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.8	28.2

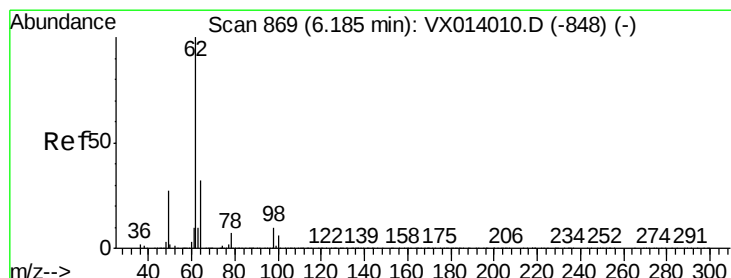
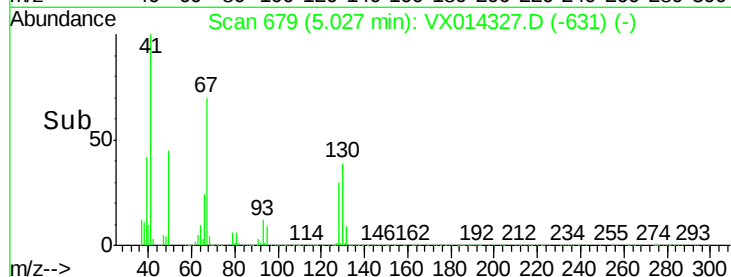
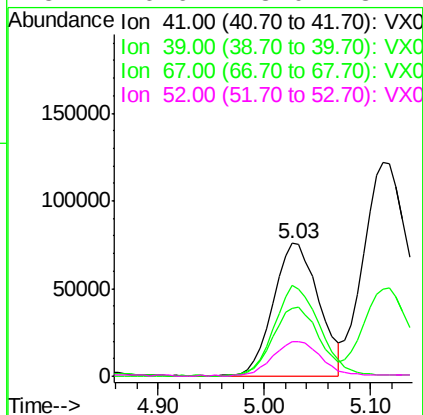
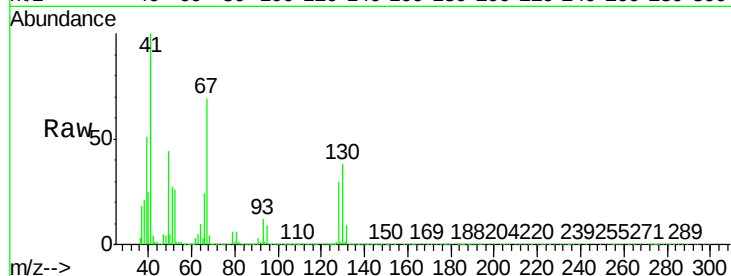




#41
Methacrylonitrile
Concen: 55.651 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

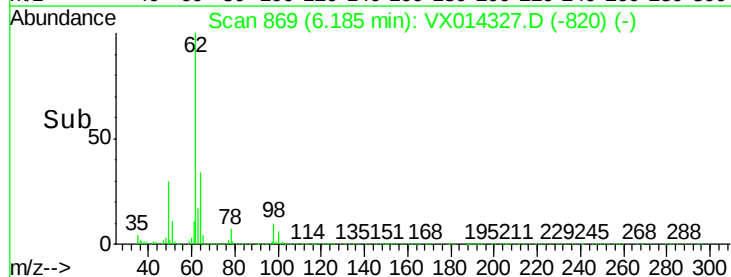
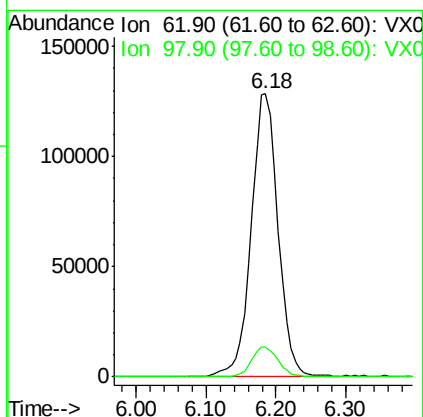
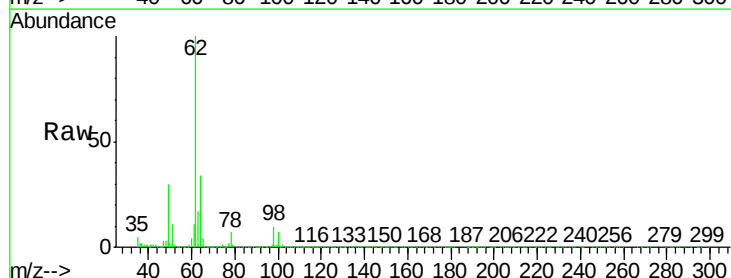
Instrument :
MSVOA_X
ClientSampleId :
OW-5MSD

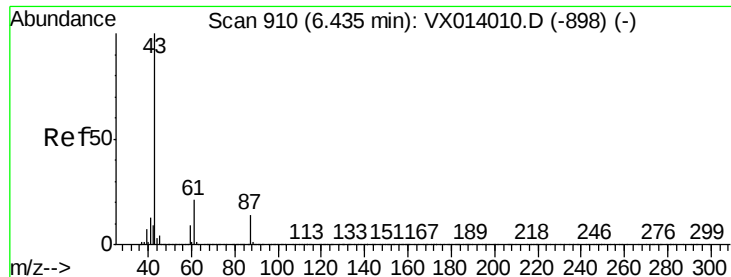
Tgt Ion:	41	Resp:	225365
Ion	Ratio	Lower	Upper
41	100		
39	52.4	44.5	66.7
67	67.7	57.4	86.0
52	26.6	23.0	34.4



#42
1,2-Dichloroethane
Concen: 49.757 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

Tgt Ion:	62	Resp:	342997
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	21.0





#43

Isopropyl Acetate

Concen: 51.534 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

OW-5MSD

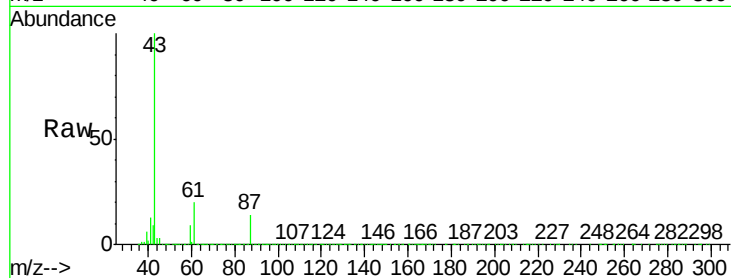
Tgt Ion: 43 Resp: 622469

Ion Ratio Lower Upper

43 100

61 20.2 16.4 24.6

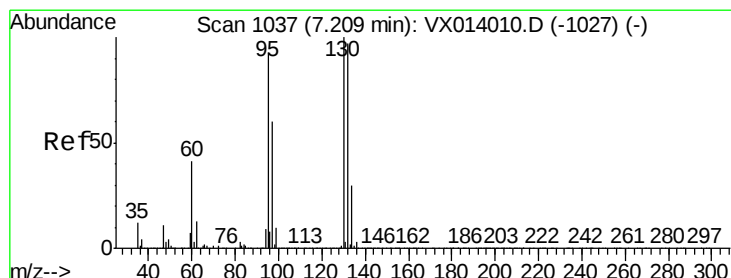
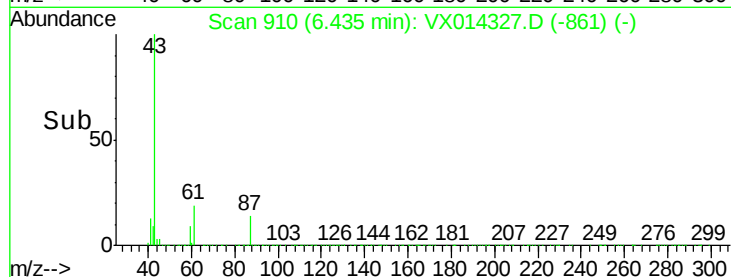
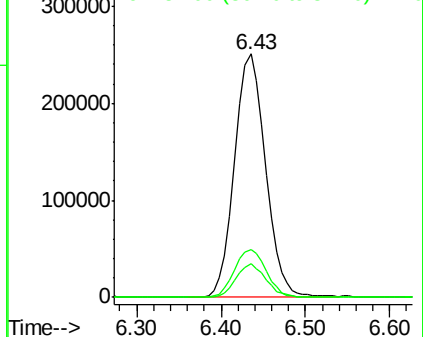
87 13.1 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 47.383 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014327.D

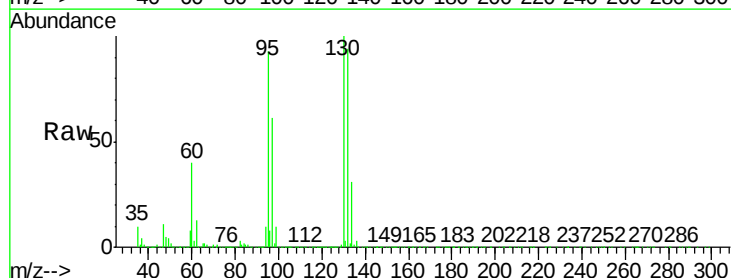
Acq: 27 Dec 2019 22:21

Tgt Ion: 130 Resp: 266150

Ion Ratio Lower Upper

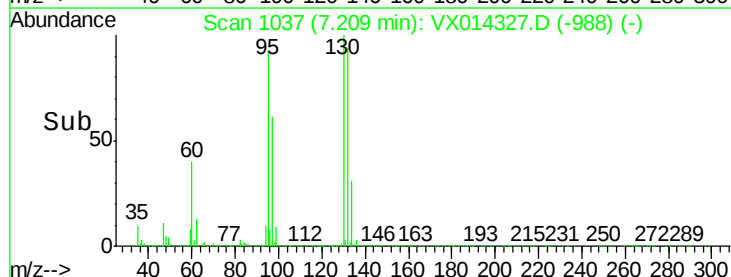
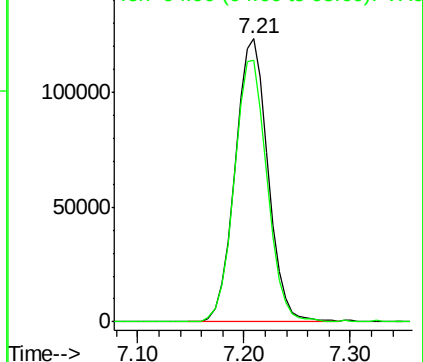
130 100

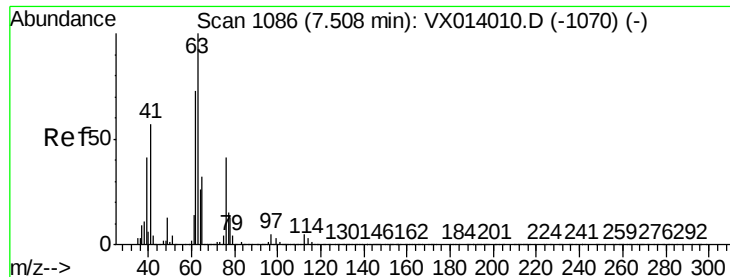
95 92.6 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 51.802 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

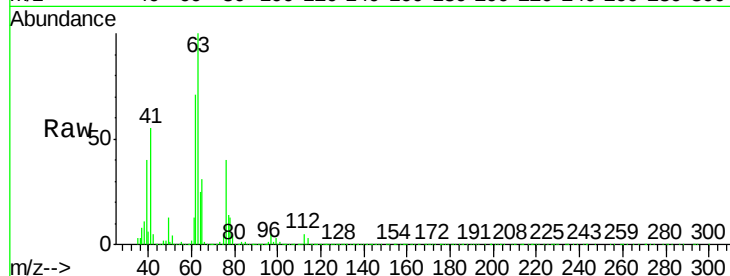
OW-5MSD

Tgt Ion: 63 Resp: 270008

Ion Ratio Lower Upper

63 100

65 30.4 25.8 38.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

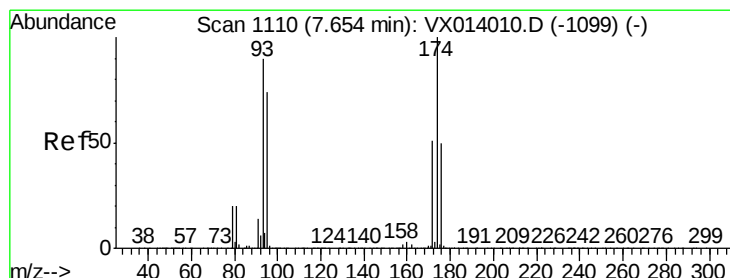
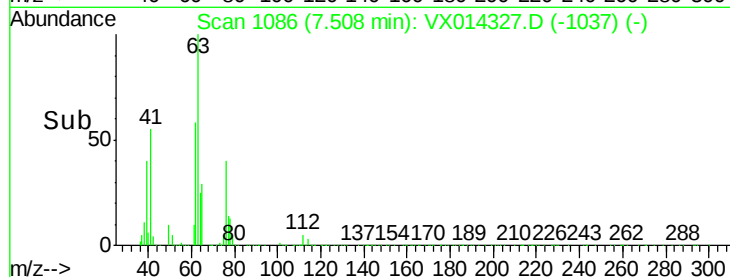
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 48.912 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

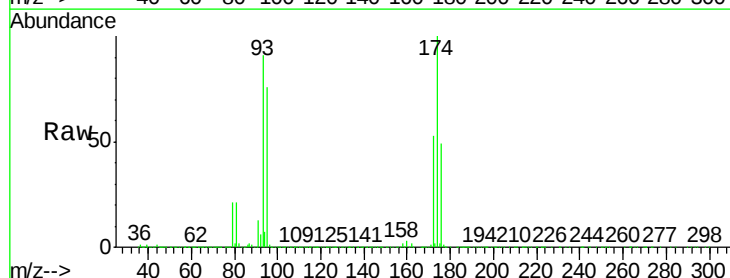
Tgt Ion: 93 Resp: 168556

Ion Ratio Lower Upper

93 100

95 83.3 67.3 100.9

174 114.0 91.6 137.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

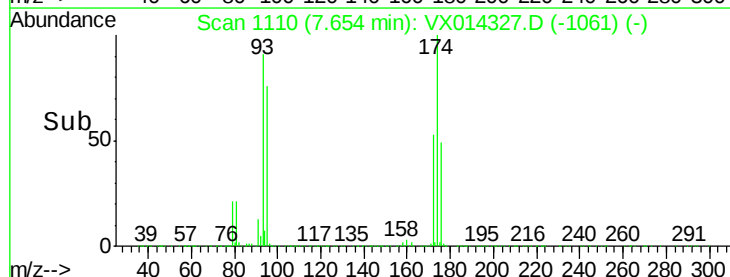
Ion 173.70 (173.40 to 174.40): V

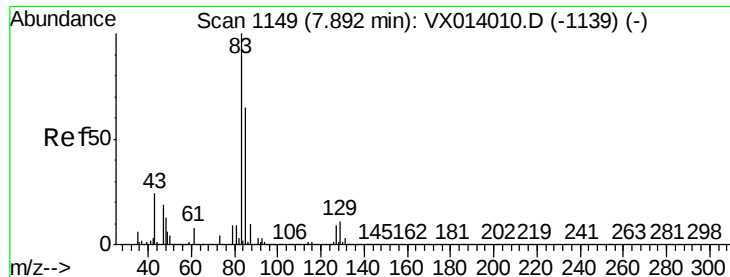
100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 51.082 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

OW-5MSD

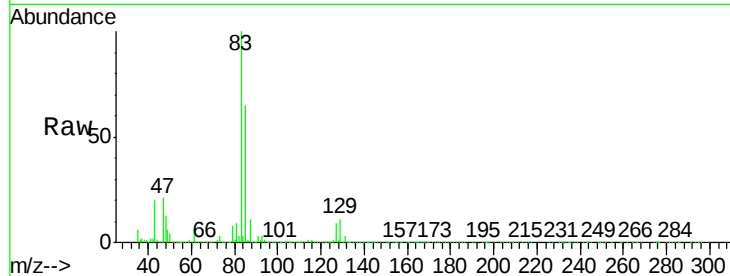
Tgt Ion: 83 Resp: 331535

Ion Ratio Lower Upper

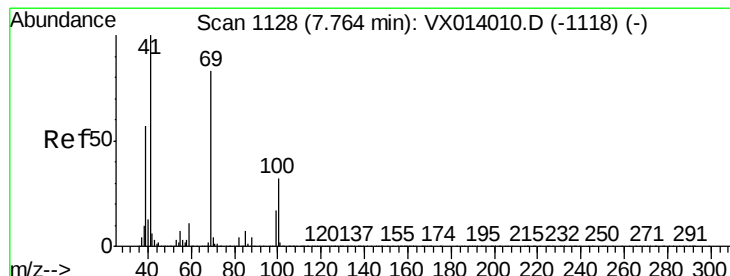
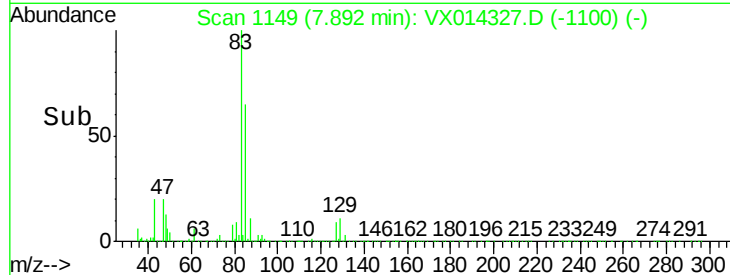
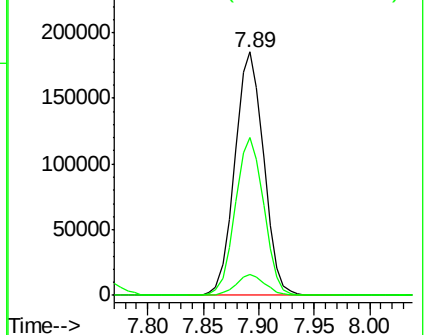
83 100

85 64.6 51.8 77.8

127 8.5 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: 52.815 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

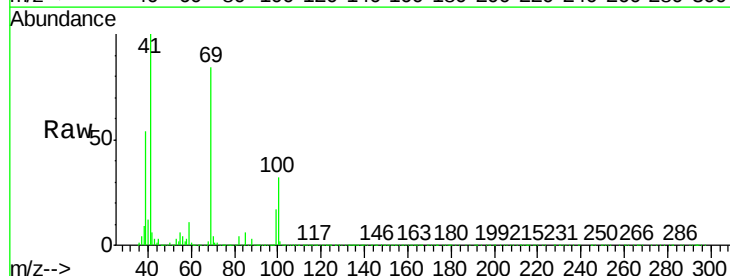
Tgt Ion: 41 Resp: 312384

Ion Ratio Lower Upper

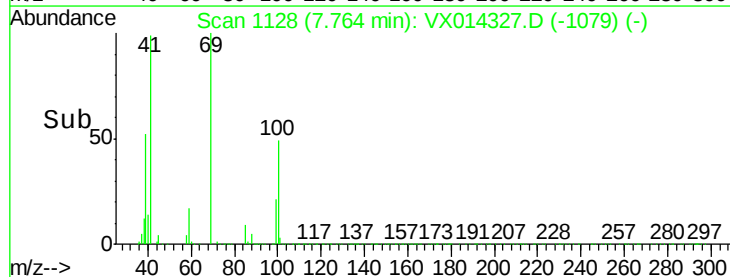
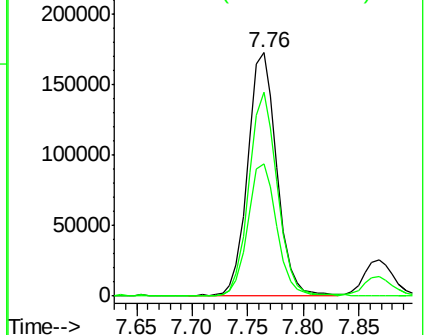
41 100

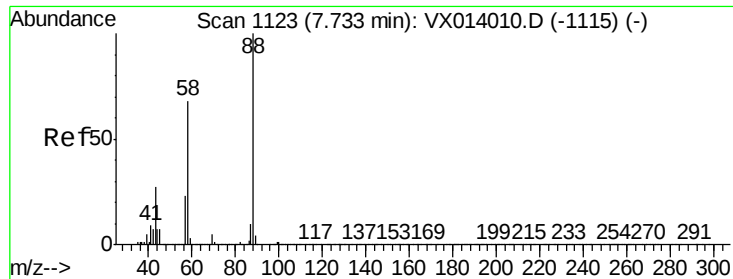
69 82.8 65.8 98.6

39 54.4 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: 985.814 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

OW-5MSD

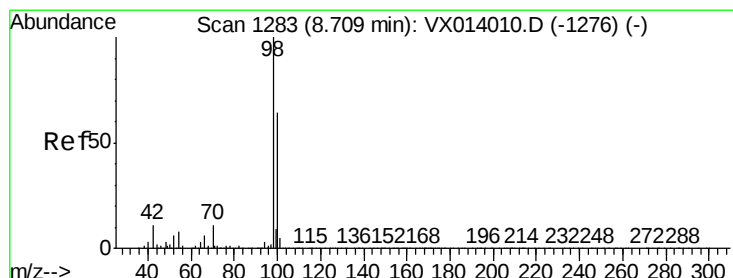
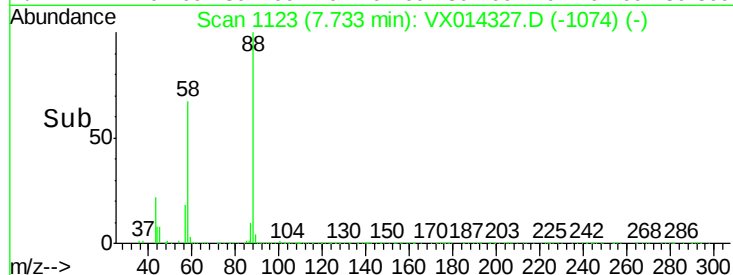
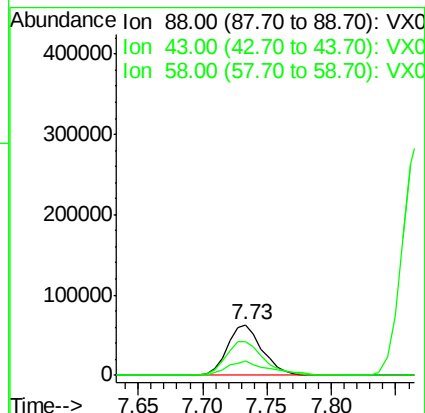
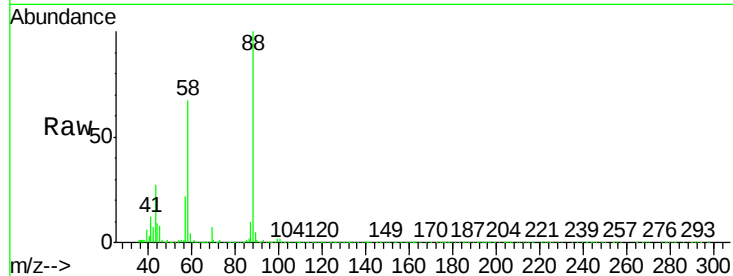
Tgt Ion: 88 Resp: 118657

Ion Ratio Lower Upper

88 100

43 33.6 26.5 39.7

58 71.5 56.8 85.2



#50

Toluene-d8

Concen: 50.318 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014327.D

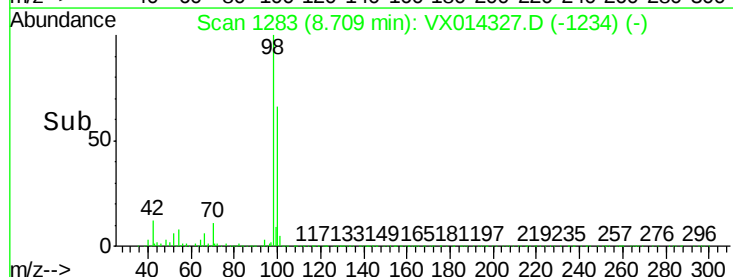
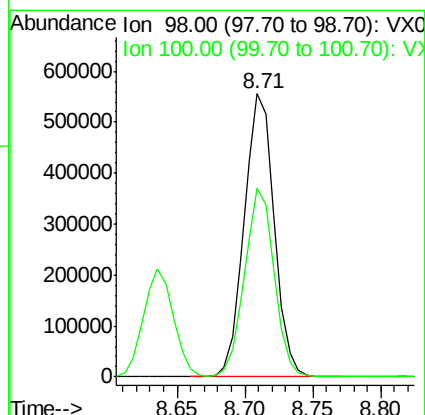
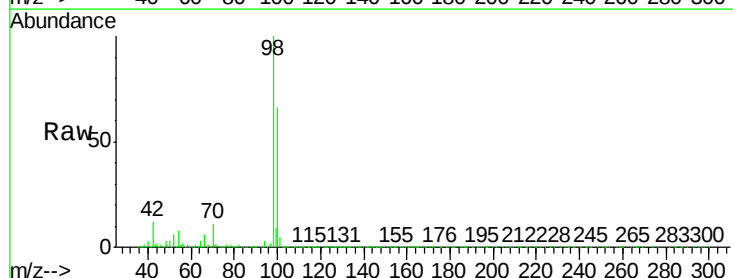
Acq: 27 Dec 2019 22:21

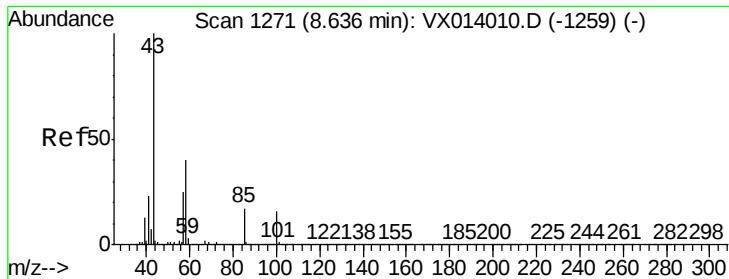
Tgt Ion: 98 Resp: 857802

Ion Ratio Lower Upper

98 100

100 65.7 52.9 79.3

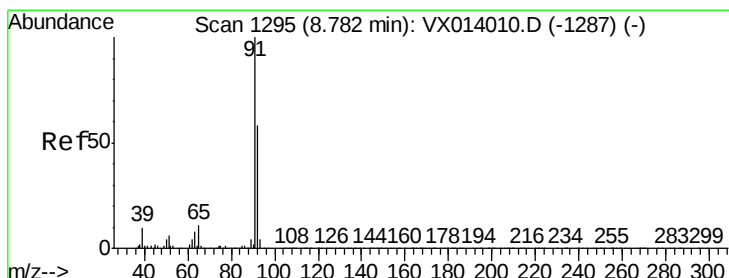
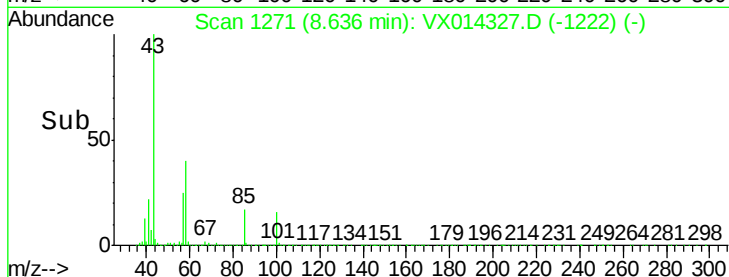
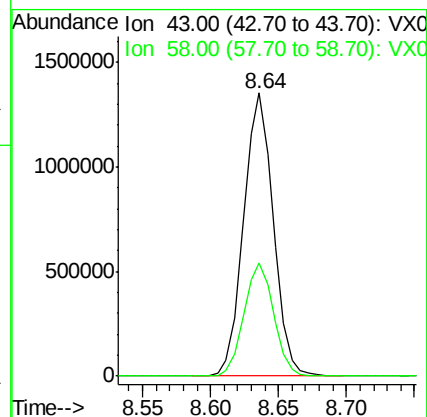
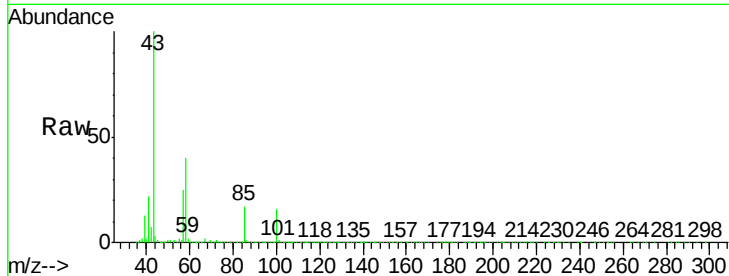




#51
4-Methyl-2-Pentanone
Concen: 271.356 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

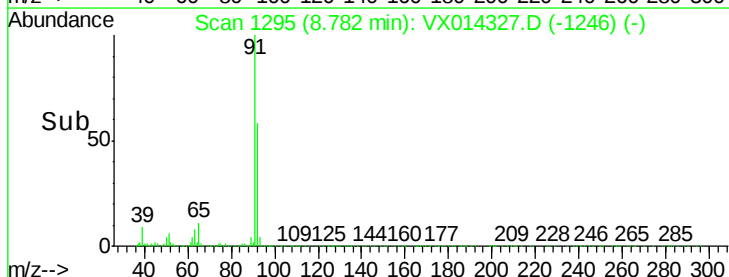
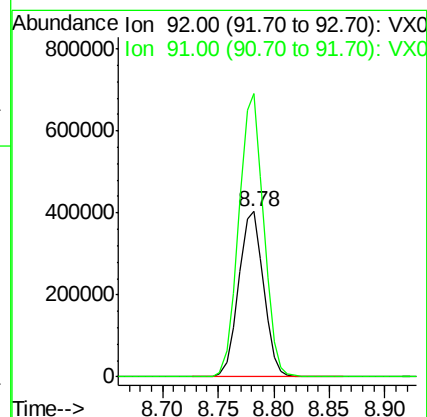
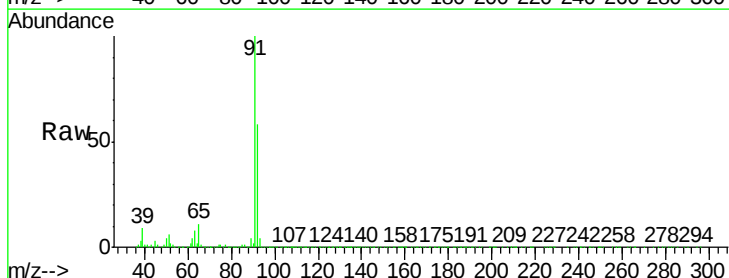
Instrument :
MSVOA_X
ClientSampleId :
OW-5MSD

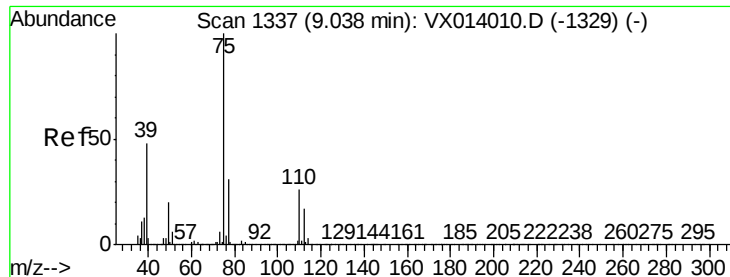
Tgt Ion: 43 Resp: 2058420
Ion Ratio Lower Upper
43 100
58 40.0 32.2 48.2



#52
Toluene
Concen: 48.488 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

Tgt Ion: 92 Resp: 623256
Ion Ratio Lower Upper
92 100
91 170.5 136.2 204.4

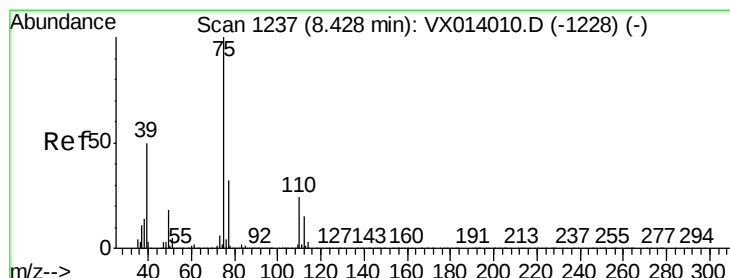
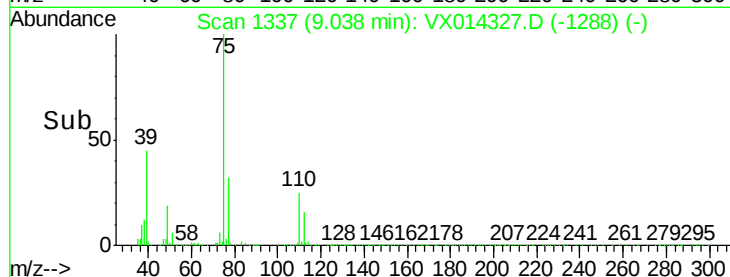
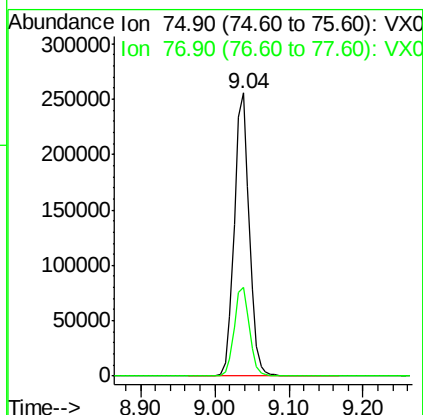
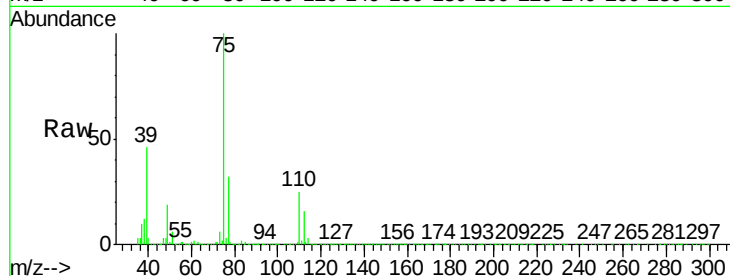




#53
 t-1,3-Dichloropropene
 Concen: 50.920 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX014327.D
 Acq: 27 Dec 2019 22:21

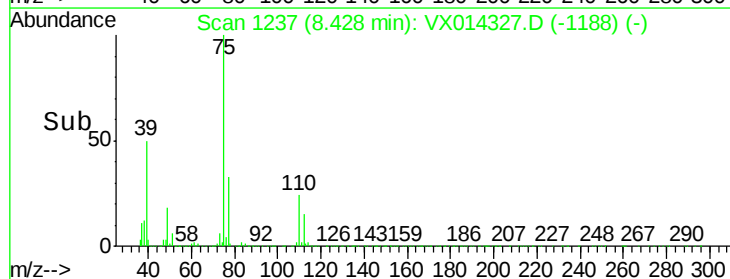
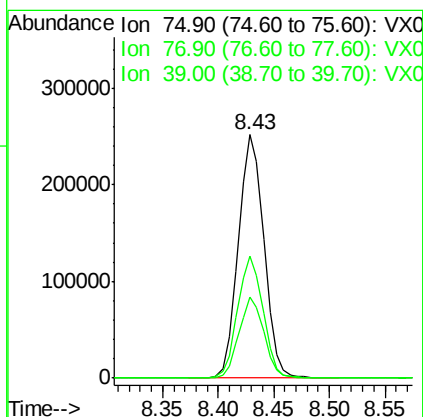
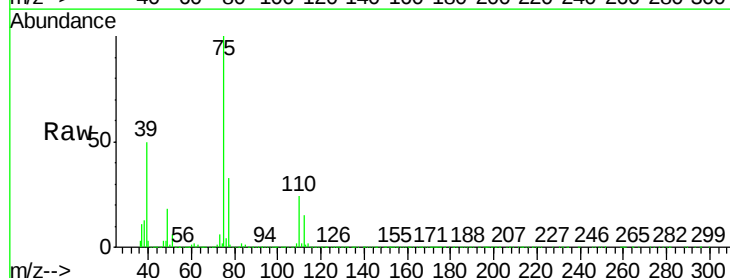
Instrument :
 MSVOA_X
 ClientSampleId :
 OW-5MSD

Tgt Ion: 75 Resp: 362383
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 50.573 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX014327.D
 Acq: 27 Dec 2019 22:21

Tgt Ion: 75 Resp: 400964
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.3 37.9
 39 50.2 39.9 59.9

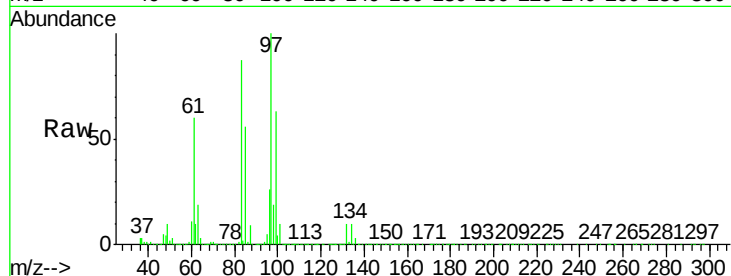




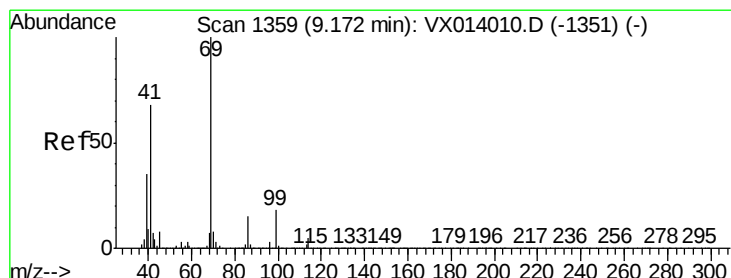
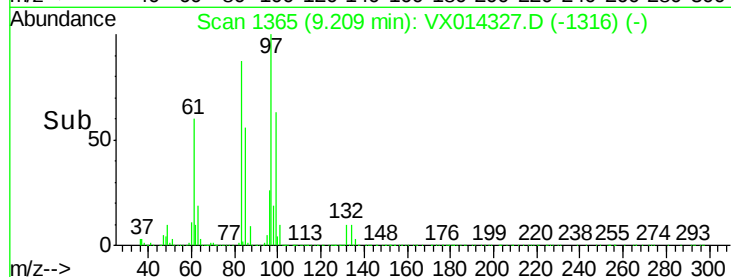
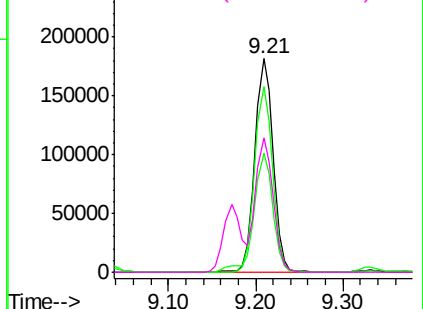
#55
 1,1,2-Trichloroethane
 Concen: 50.630 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014327.D
 Acq: 27 Dec 2019 22:21

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-5MSD

Tgt Ion:	97	Resp:	260829
Ion	Ratio	Lower	Upper
97	100		
83	86.9	68.2	102.4
85	55.5	44.6	66.8
99	63.0	51.4	77.0

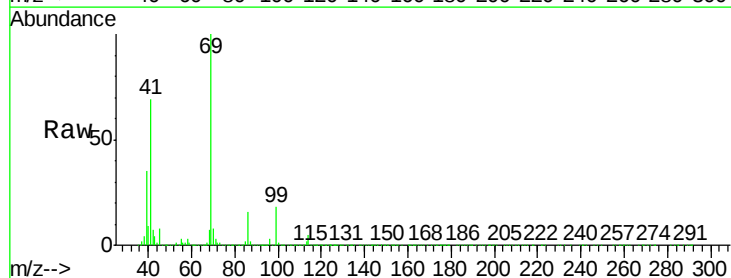


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

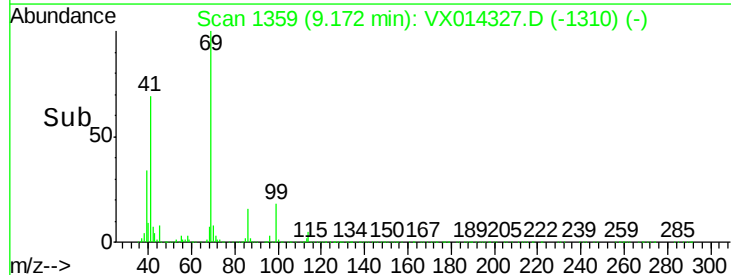
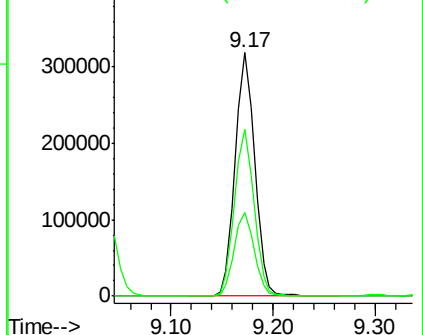


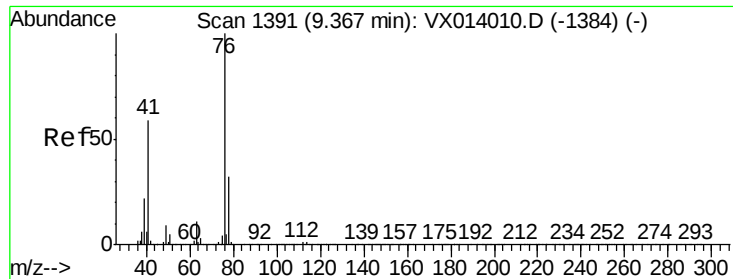
#56
 Ethyl methacrylate
 Concen: 52.236 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014327.D
 Acq: 27 Dec 2019 22:21

Tgt Ion:	69	Resp:	422719
Ion	Ratio	Lower	Upper
69	100		
41	68.5	54.8	82.2
39	35.0	28.3	42.5



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.947 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

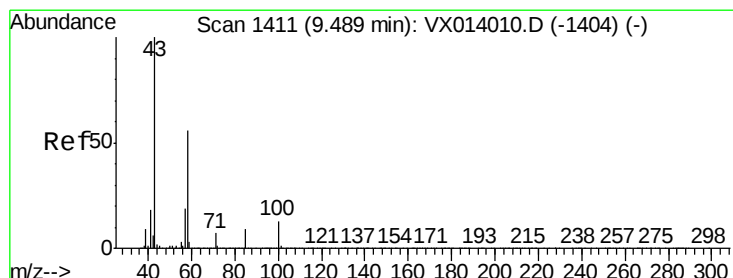
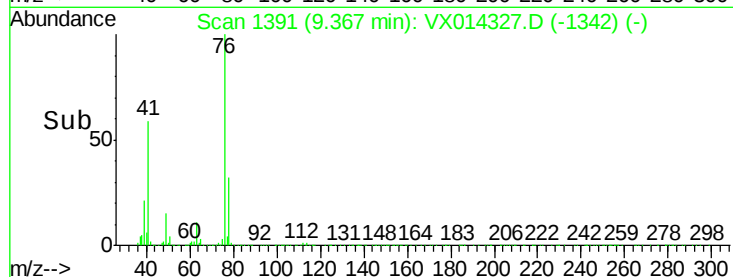
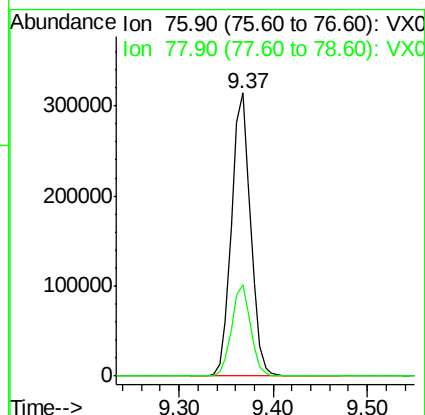
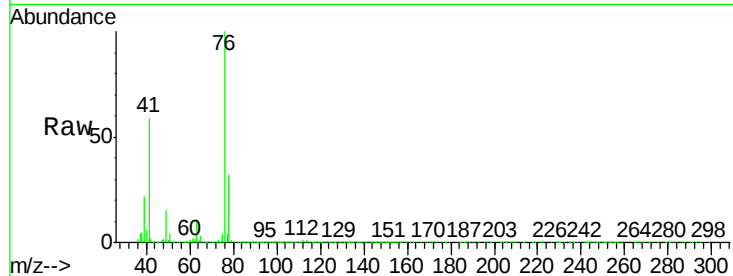
OW-5MSD

Tgt Ion: 76 Resp: 441589

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.6



#59

2-Hexanone

Concen: 257.565 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX014327.D

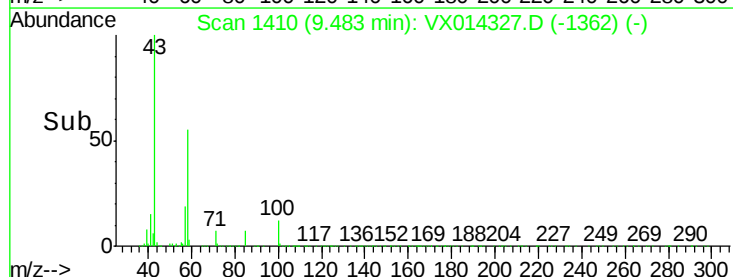
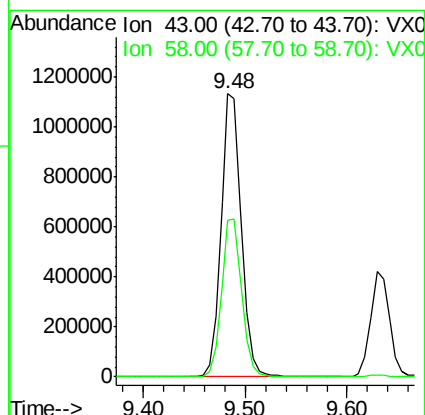
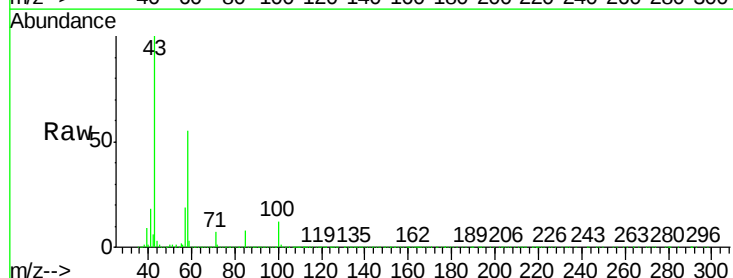
Acq: 27 Dec 2019 22:21

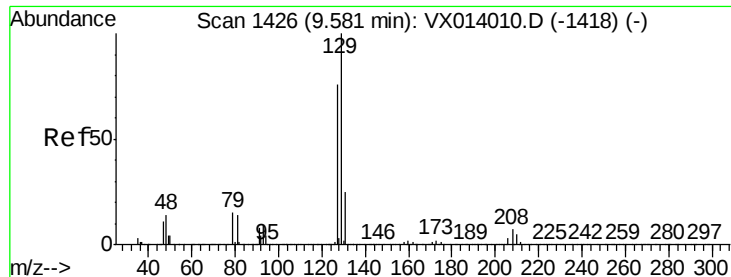
Tgt Ion: 43 Resp: 1572818

Ion Ratio Lower Upper

43 100

58 55.9 28.0 84.0





#60

Dibromochloromethane

Concen: 52.447 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

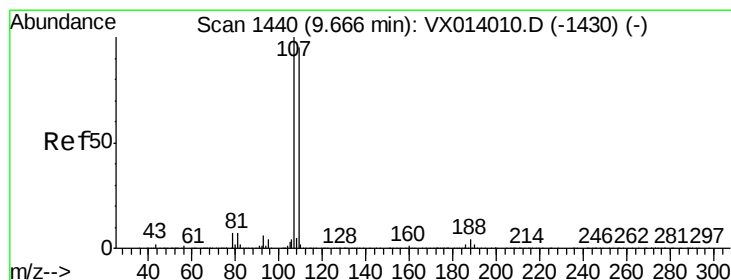
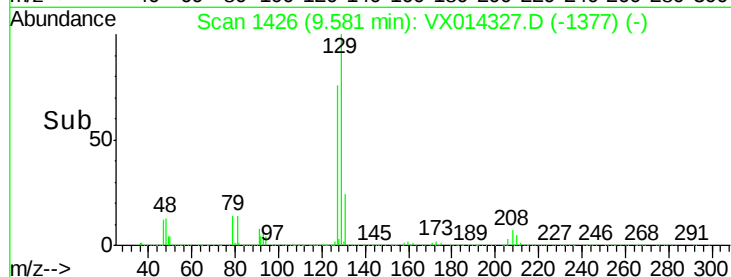
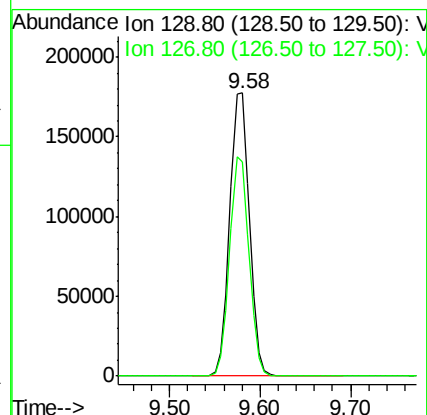
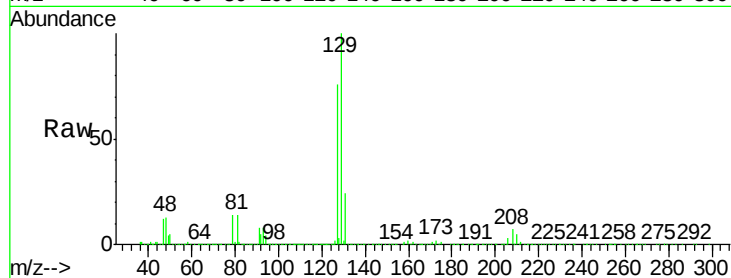
OW-5MSD

Tgt Ion:129 Resp: 268573

Ion Ratio Lower Upper

129 100

127 76.4 38.4 115.2



#61

1,2-Dibromoethane

Concen: 51.586 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014327.D

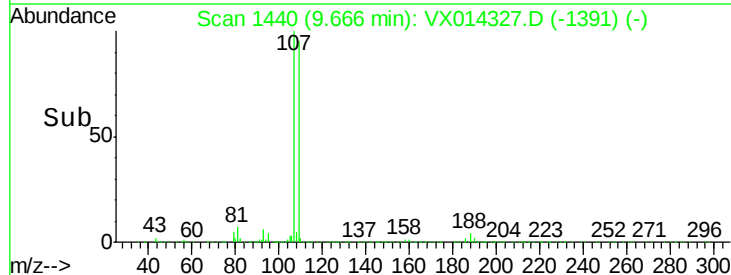
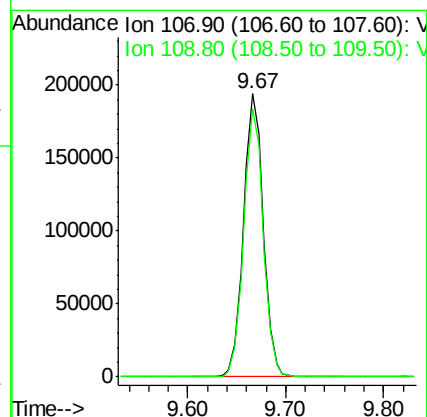
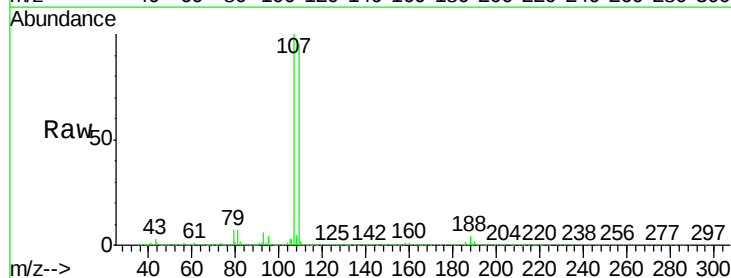
Acq: 27 Dec 2019 22:21

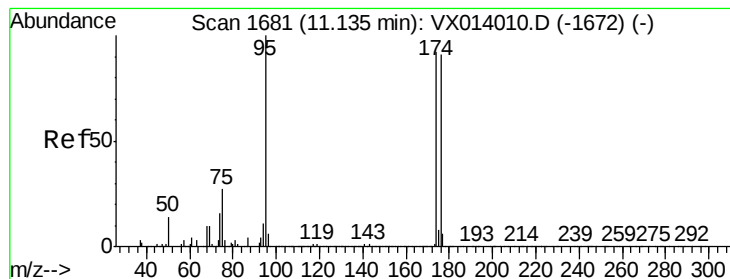
Tgt Ion:107 Resp: 271909

Ion Ratio Lower Upper

107 100

109 93.7 75.7 113.5





#62

4-Bromofluorobenzene

Concen: 48.825 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

OW-5MSD

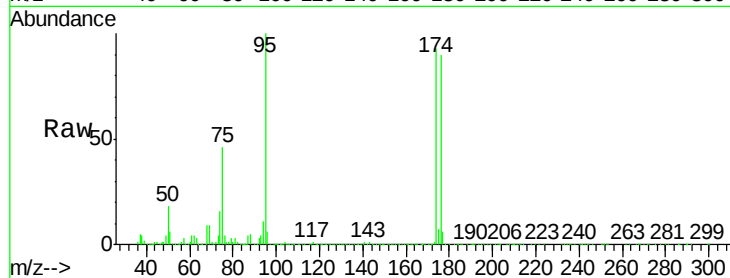
Tgt Ion: 95 Resp: 304258

Ion Ratio Lower Upper

95 100

174 88.2 0.0 175.8

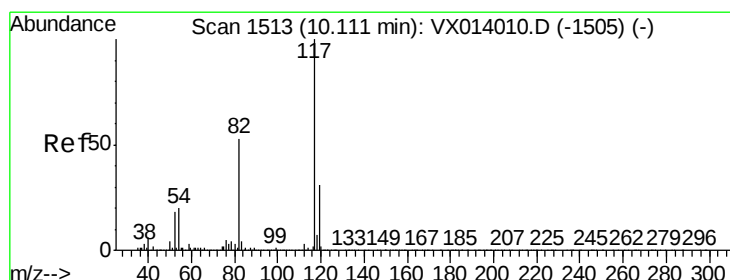
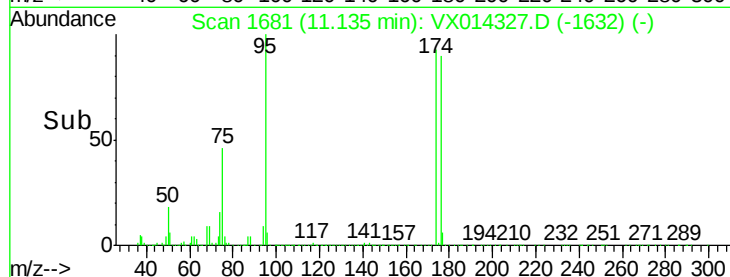
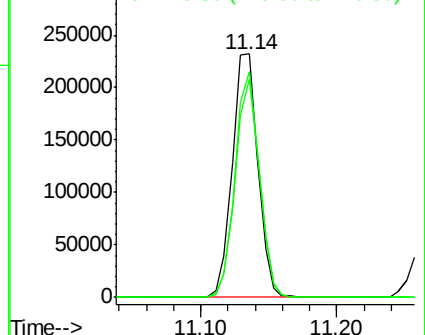
176 85.5 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

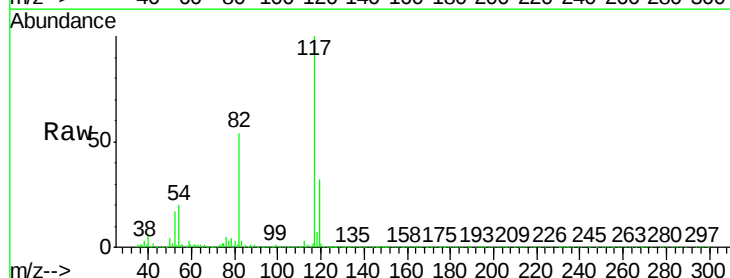
Tgt Ion: 117 Resp: 648812

Ion Ratio Lower Upper

117 100

82 53.9 42.2 63.4

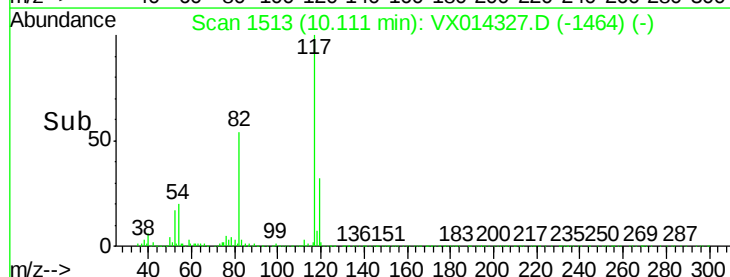
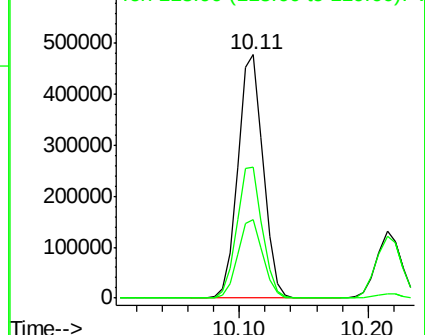
119 32.0 25.1 37.7

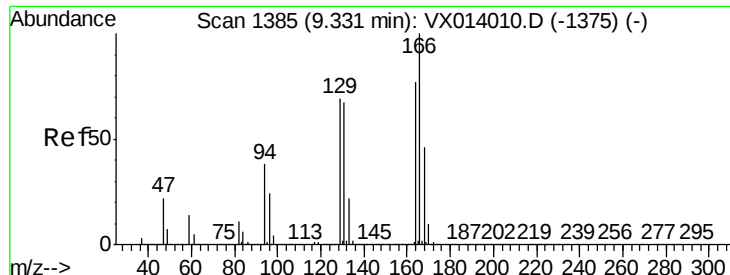


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 43.851 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

OW-5MSD

Tgt Ion:164 Resp: 251754

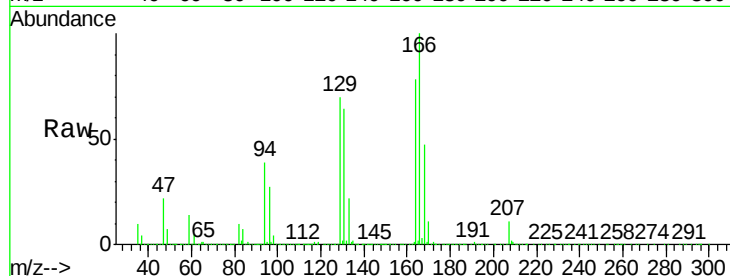
Ion Ratio Lower Upper

164 100

166 128.7 104.0 156.0

129 89.9 72.2 108.4

131 82.9 69.6 104.4

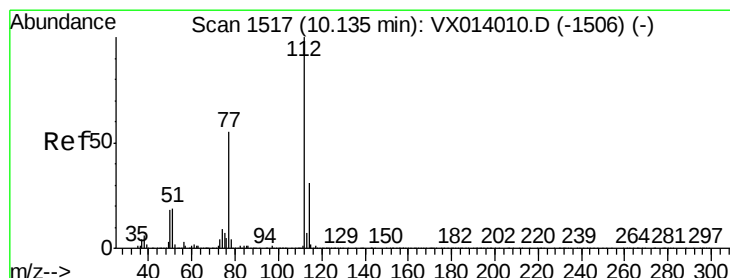
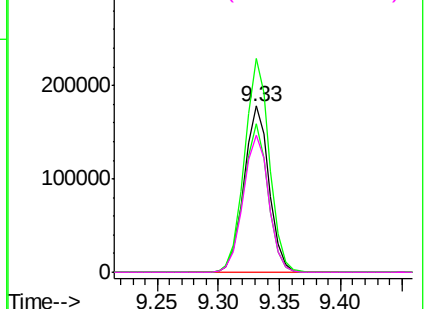
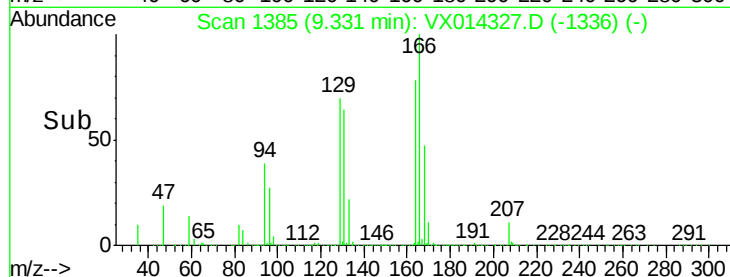


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 48.901 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014327.D

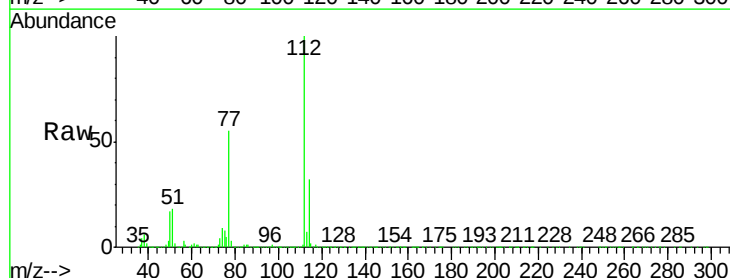
Acq: 27 Dec 2019 22:21

Tgt Ion:112 Resp: 674602

Ion Ratio Lower Upper

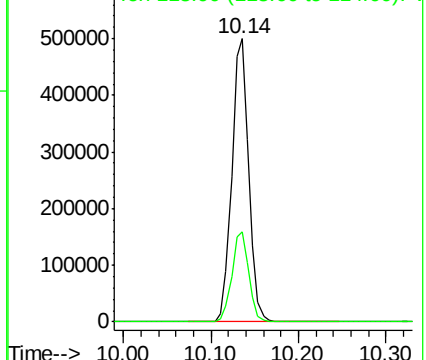
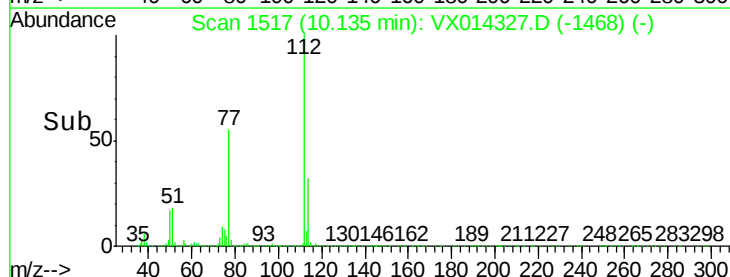
112 100

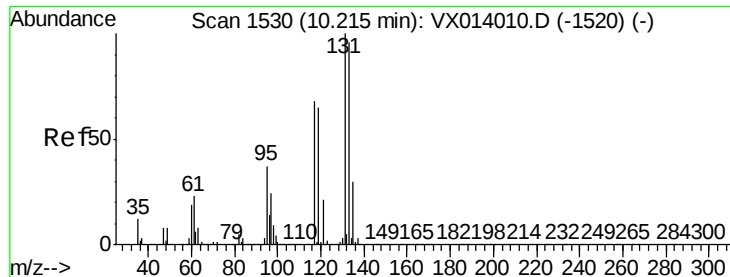
114 32.0 24.9 37.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

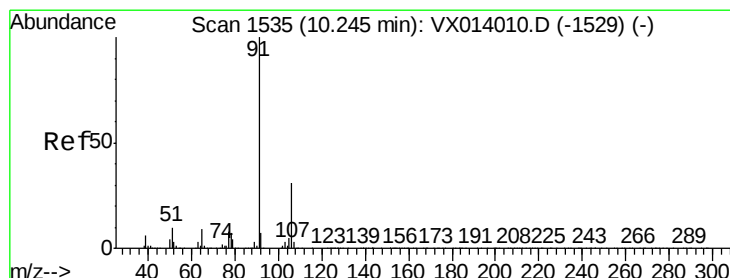
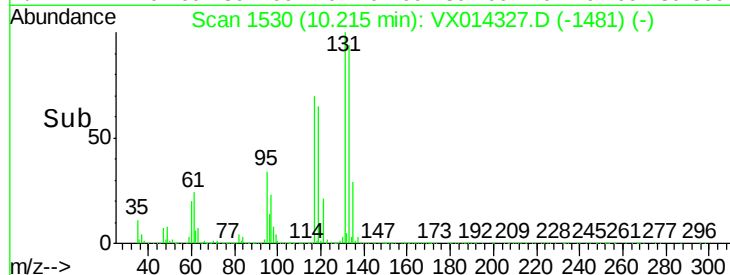
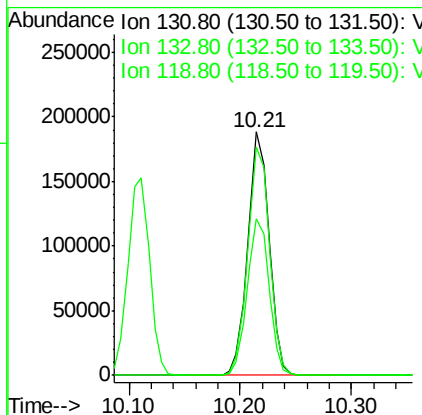
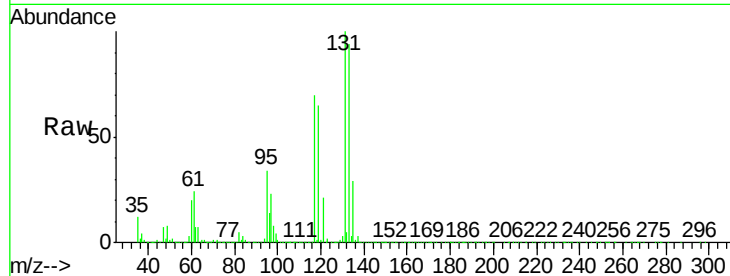




#66
 1,1,1,2-Tetrachloroethane
 Concen: 51.114 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX014327.D
 Acq: 27 Dec 2019 22:21

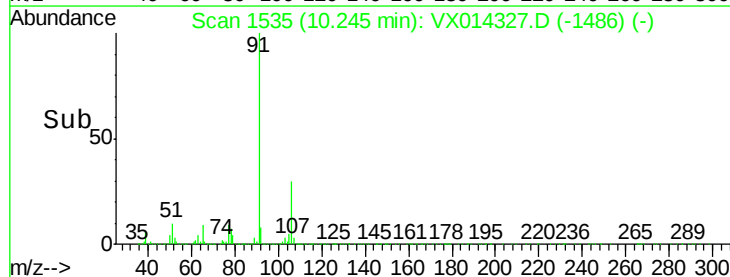
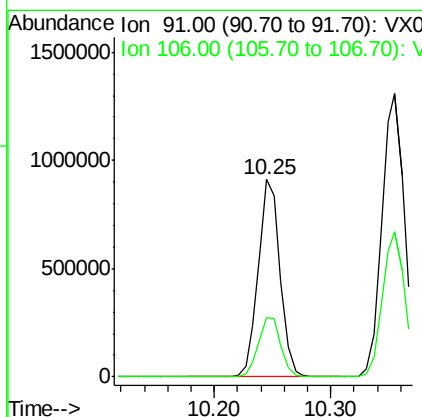
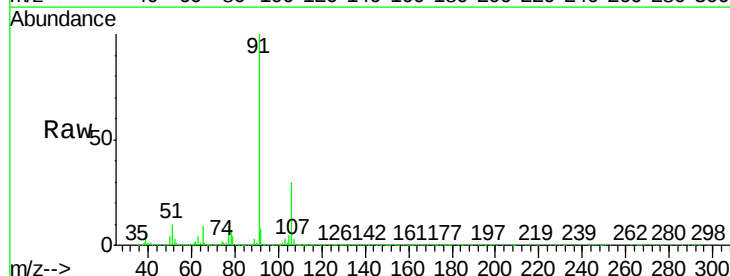
Instrument :
 MSVOA_X
 ClientSampleId :
 OW-5MSD

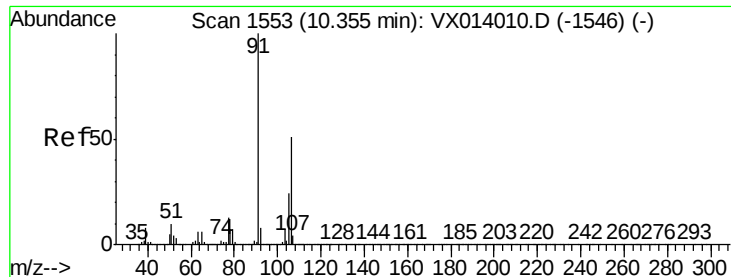
Tgt Ion:131 Resp: 251775
 Ion Ratio Lower Upper
 131 100
 133 95.7 48.0 144.0
 119 65.9 33.4 100.2



#67
 Ethyl Benzene
 Concen: 49.993 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX014327.D
 Acq: 27 Dec 2019 22:21

Tgt Ion: 91 Resp: 1185710
 Ion Ratio Lower Upper
 91 100
 106 30.4 25.0 37.6

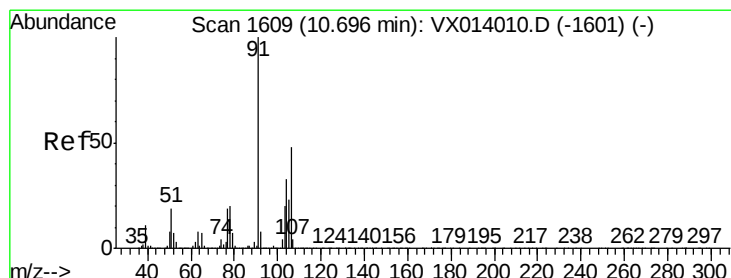
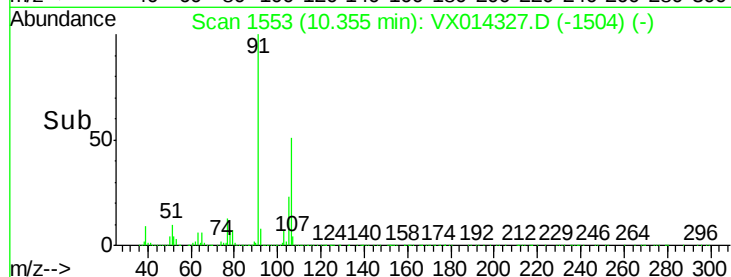
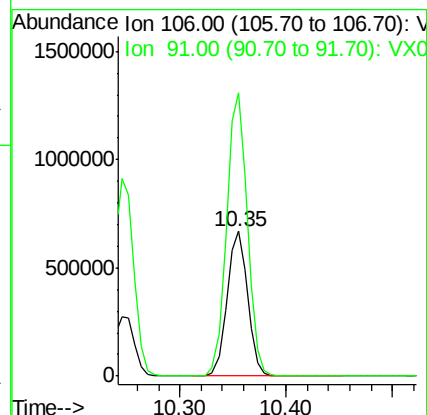
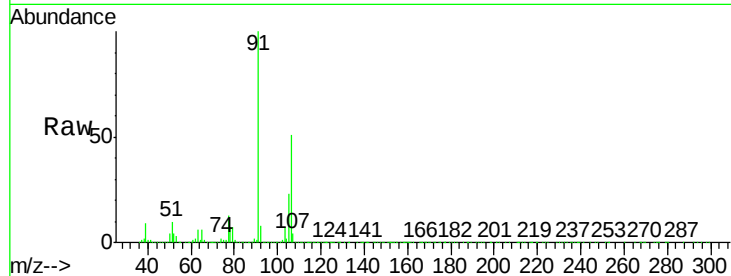




#68
m/p-Xylenes
Concen: 98.432 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

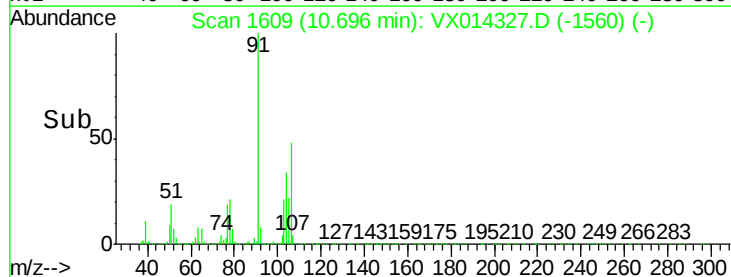
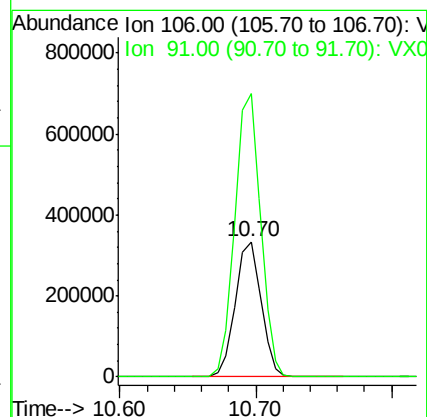
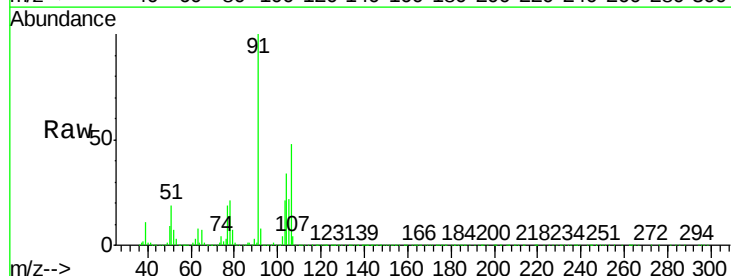
Instrument :
MSVOA_X
ClientSampleId :
OW-5MSD

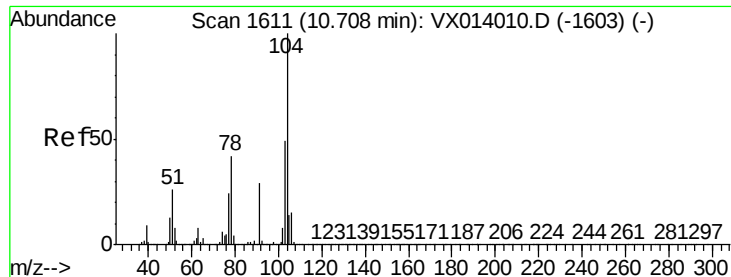
Tgt Ion:106 Resp: 897904
Ion Ratio Lower Upper
106 100
91 197.8 158.6 238.0



#69
o-Xylene
Concen: 49.456 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

Tgt Ion:106 Resp: 442458
Ion Ratio Lower Upper
106 100
91 209.0 104.2 312.6





#70

Styrene

Concen: 49.706 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

OW-5MSD

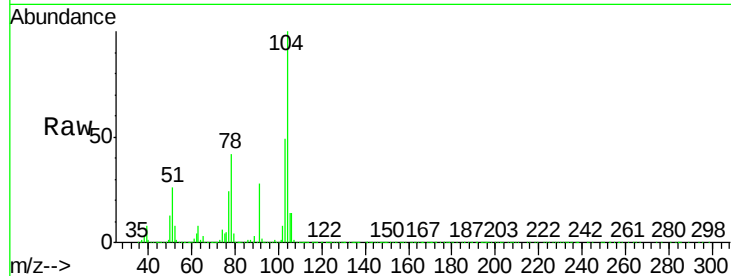
Tgt Ion:104 Resp: 751970

Ion Ratio Lower Upper

104 100

78 48.4 38.5 57.7

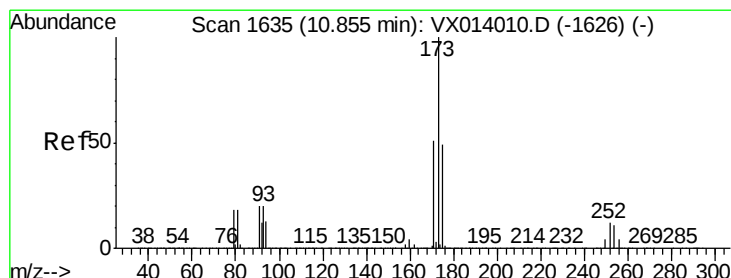
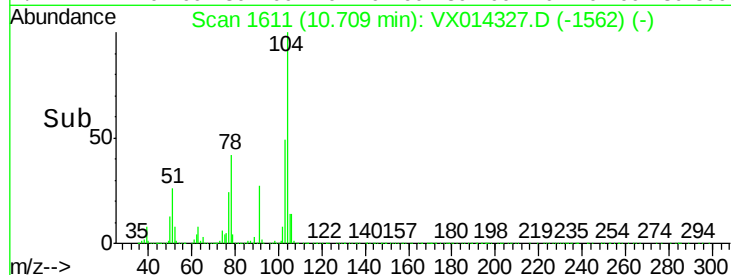
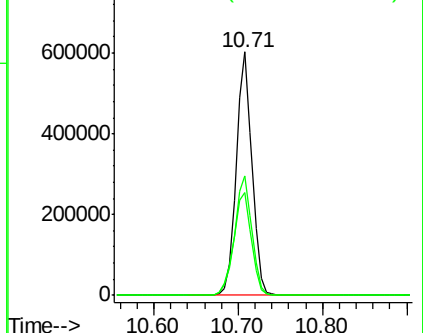
103 54.2 42.9 64.3



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 52.358 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

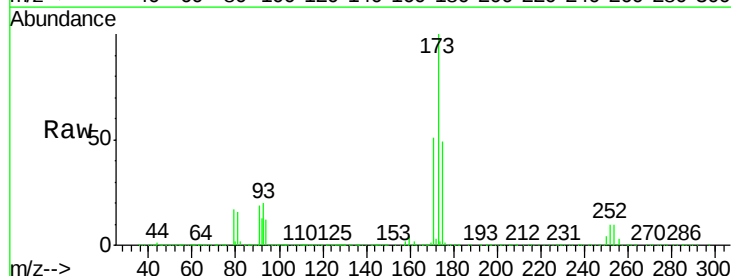
Tgt Ion:173 Resp: 207308

Ion Ratio Lower Upper

173 100

175 48.3 24.4 73.4

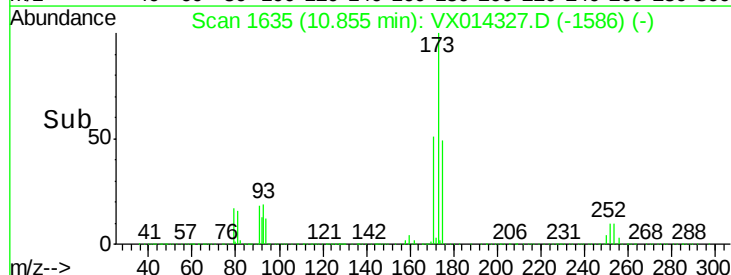
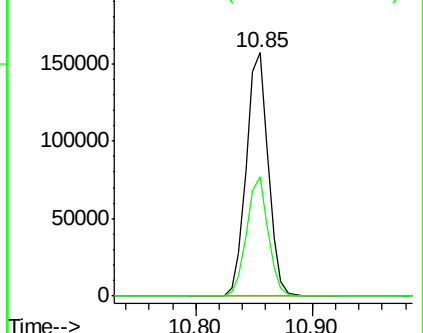
254 0.2 0.2 0.2

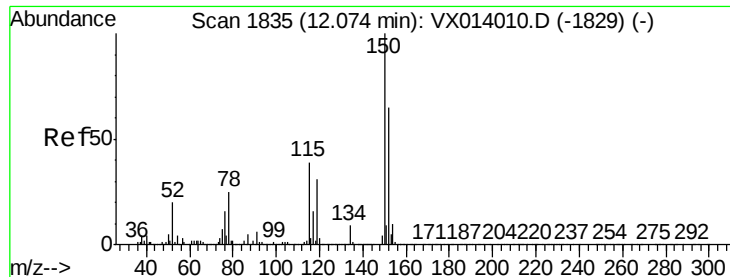


Abundance Ion 172.70 (172.40 to 173.40): V

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: VX014327.D

Acq: 27 Dec 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

OW-5MSD

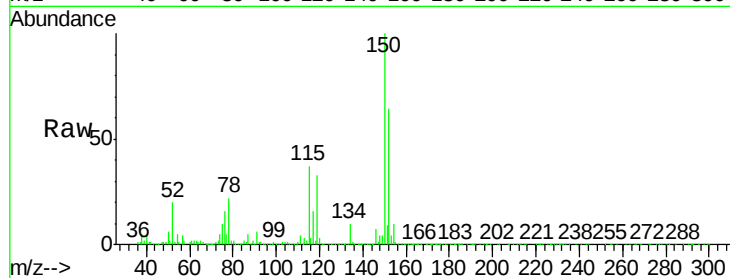
Tgt Ion:152 Resp: 321263

Ion Ratio Lower Upper

152 100

115 78.0 38.3 114.9

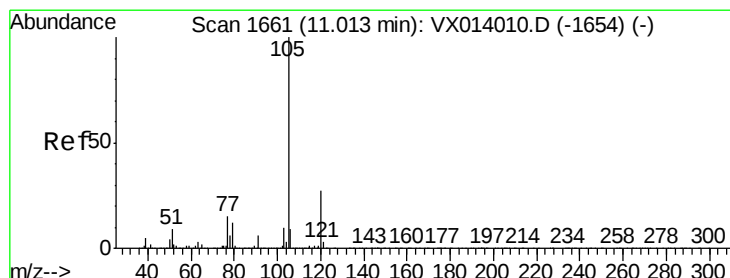
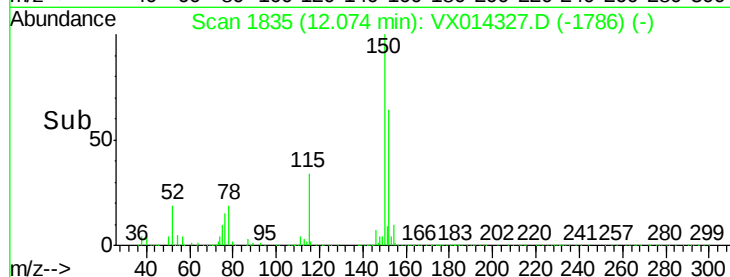
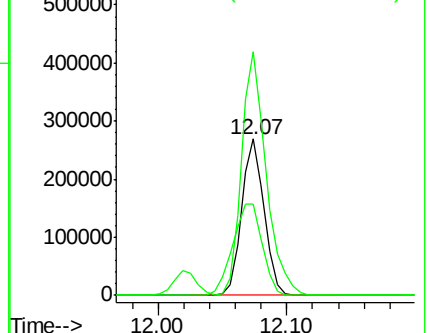
150 171.7 0.0 345.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 50.853 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014327.D

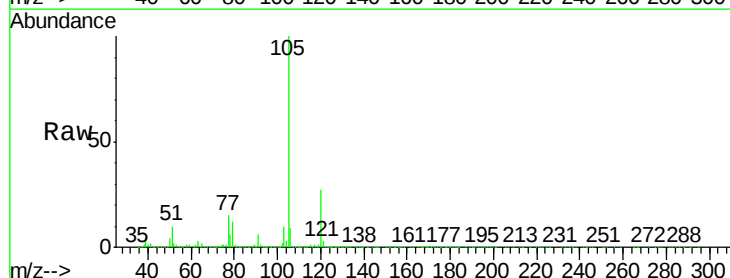
Acq: 27 Dec 2019 22:21

Tgt Ion:105 Resp: 1150263

Ion Ratio Lower Upper

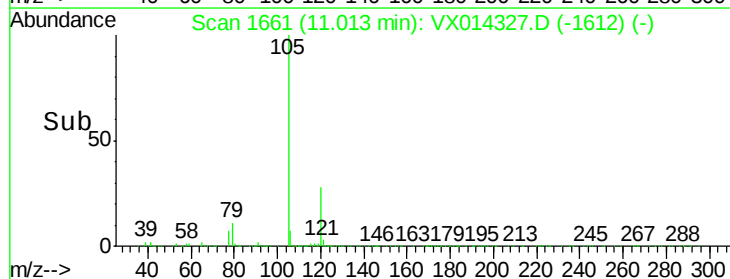
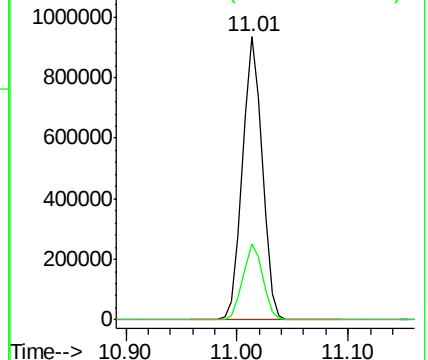
105 100

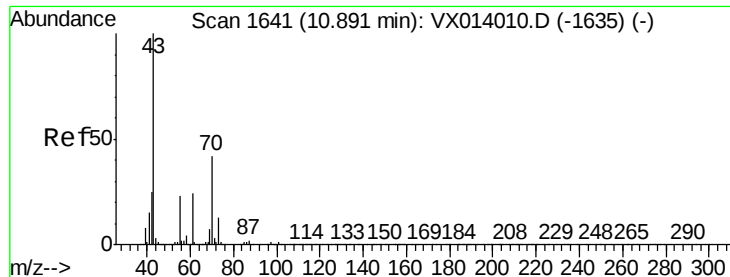
120 27.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 49.835 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

OW-5MSD

Tgt Ion: 43 Resp: 528379

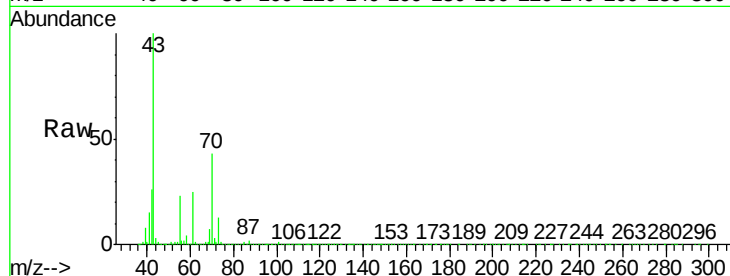
Ion Ratio Lower Upper

43 100

70 43.4 34.4 51.6

55 24.0 19.1 28.7

61 24.9 19.7 29.5

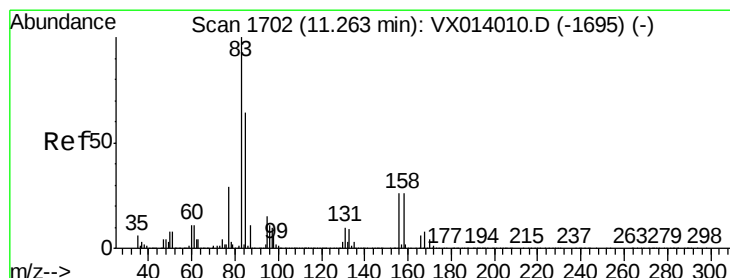
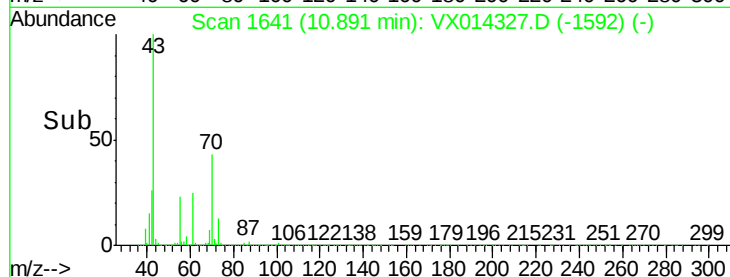
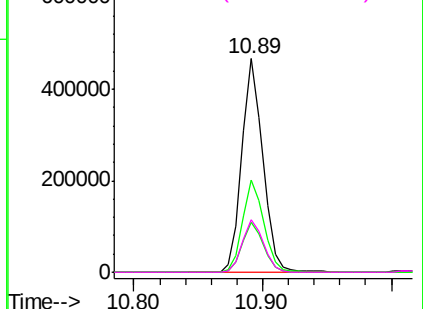


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 53.062 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

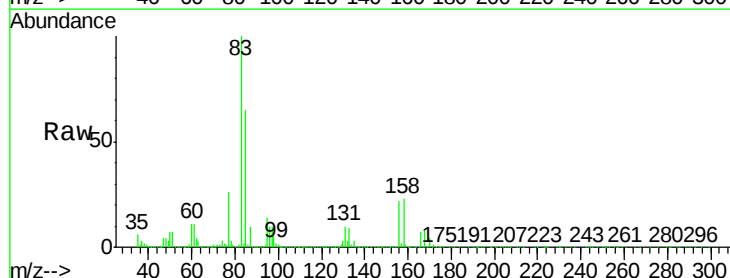
Tgt Ion: 83 Resp: 416113

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.2

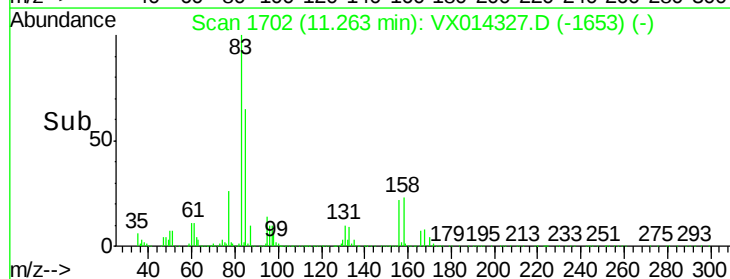
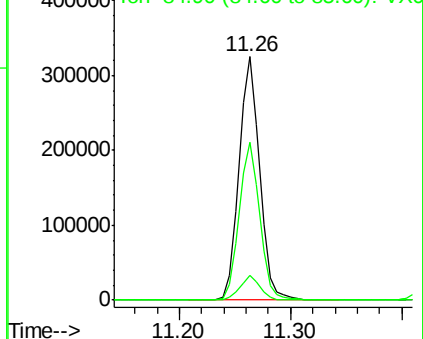
85 64.7 31.9 95.7

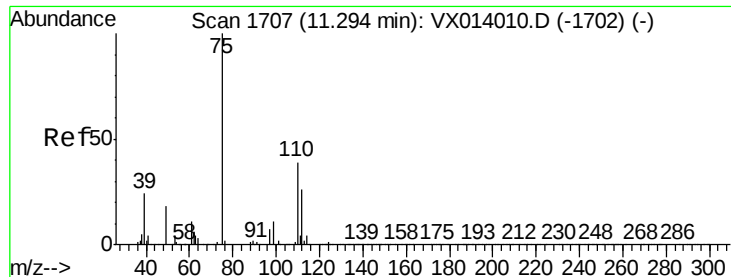


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 67.246 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

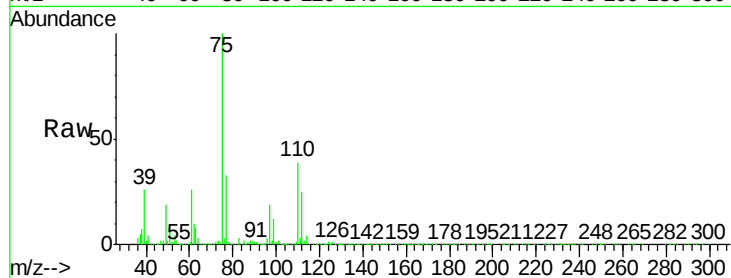
OW-5MSD

Tgt Ion: 75 Resp: 469011

Ion Ratio Lower Upper

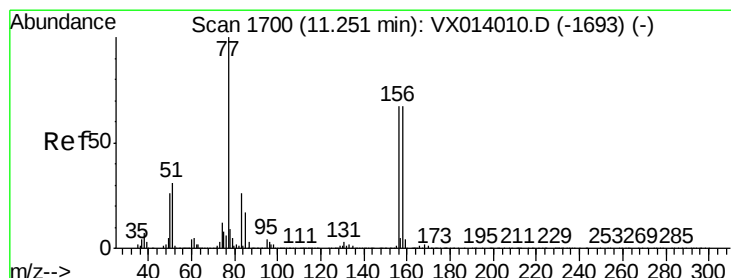
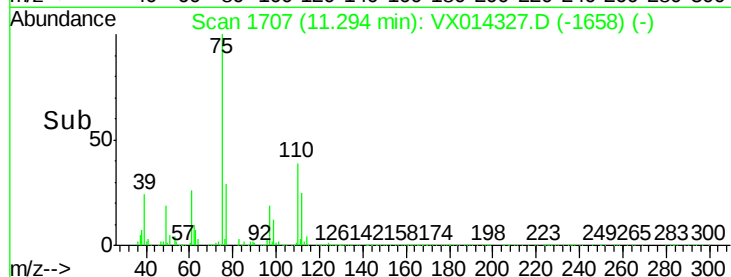
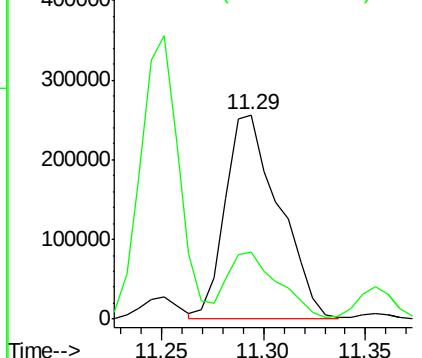
75 100

77 30.7 19.3 57.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 48.534 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

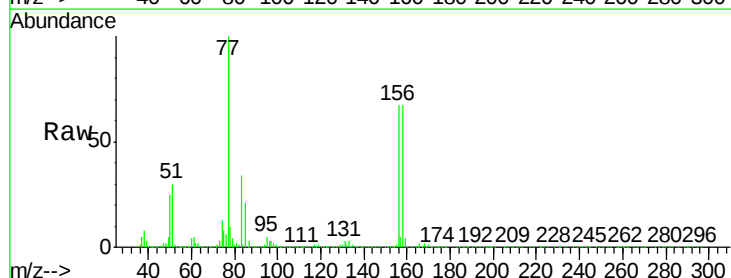
Tgt Ion: 156 Resp: 302047

Ion Ratio Lower Upper

156 100

77 153.7 76.5 229.5

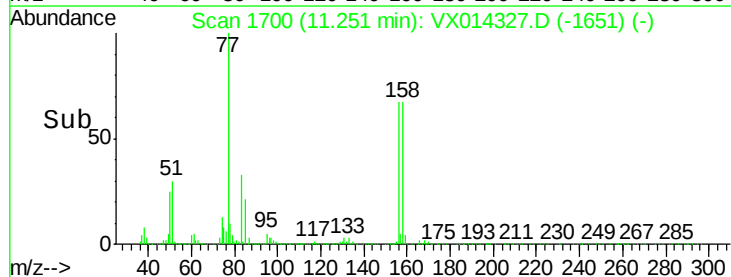
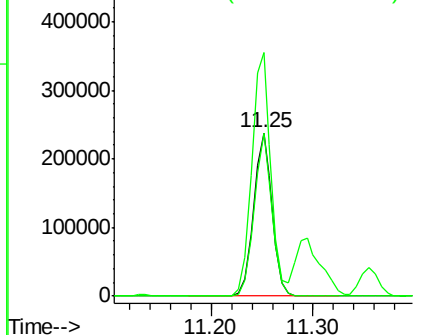
158 96.7 49.3 147.9

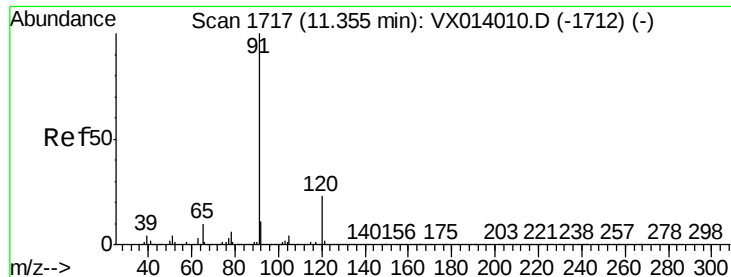


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V

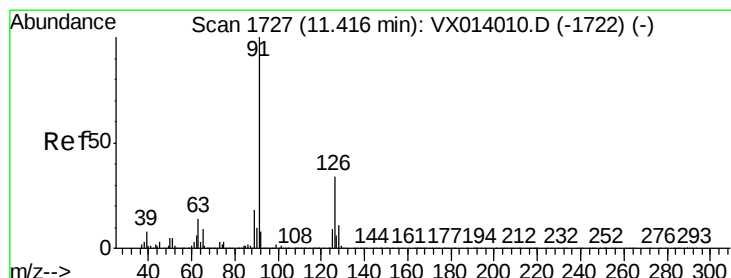
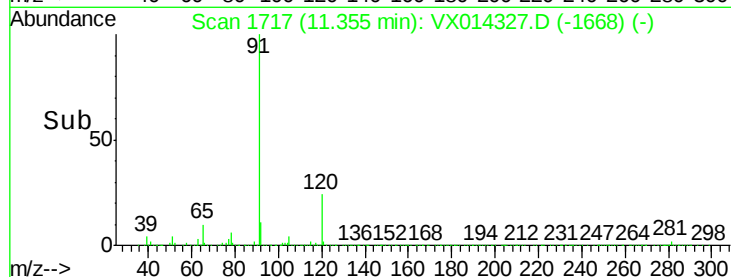
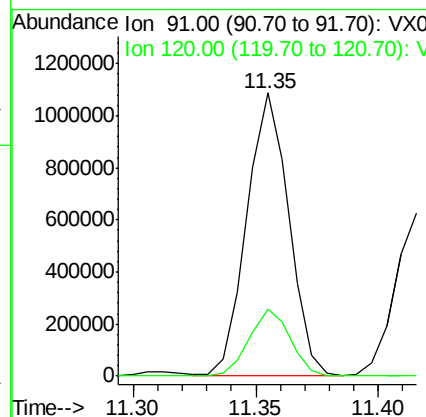
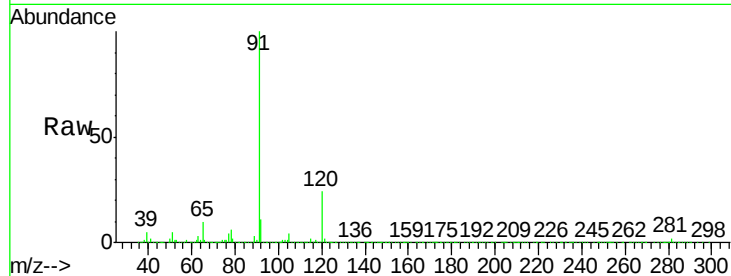




#78
n-propylbenzene
Concen: 51.090 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

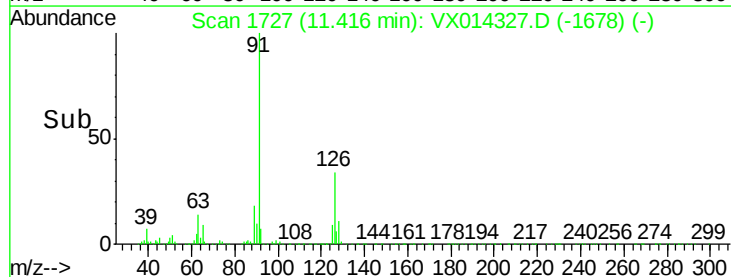
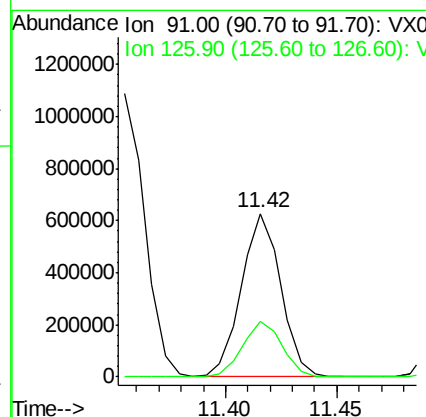
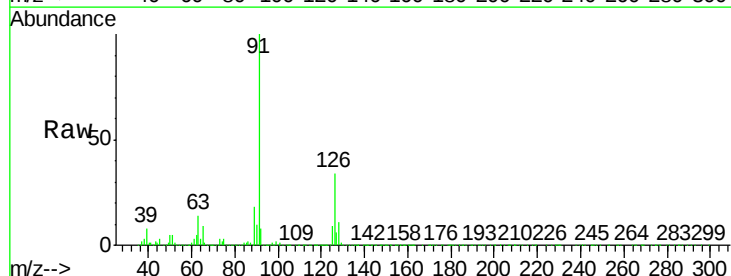
Instrument :
MSVOA_X
ClientSampleId :
OW-5MSD

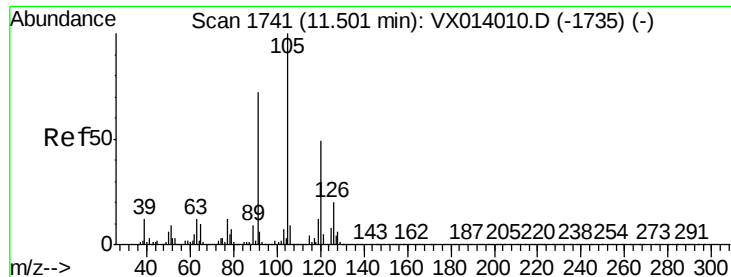
Tgt Ion: 91 Resp: 1296232
Ion Ratio Lower Upper
91 100
120 23.4 11.7 35.0



#79
2-Chlorotoluene
Concen: 50.122 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014327.D
Acq: 27 Dec 2019 22:21

Tgt Ion: 91 Resp: 773025
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.6

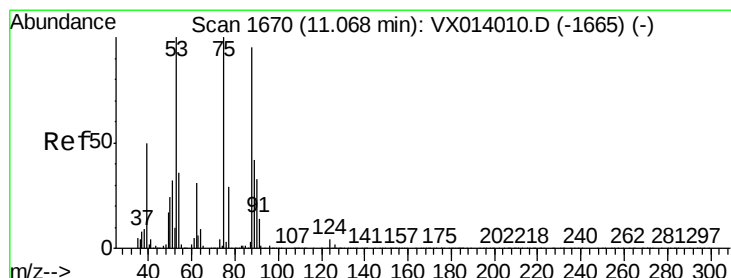
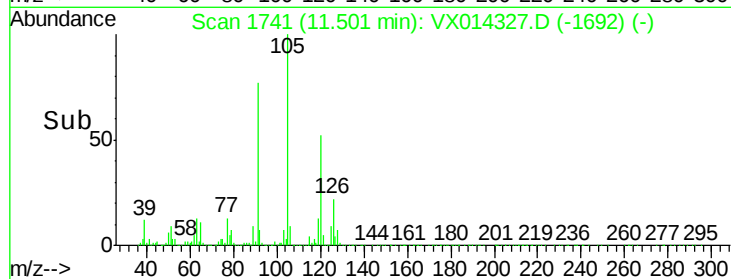
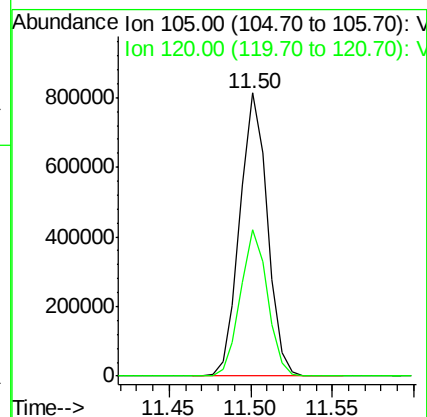
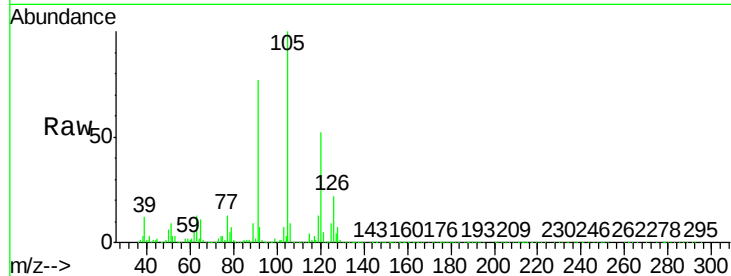




#80
 1,3,5-Trimethylbenzene
 Concen: 50.151 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014327.D
 Acq: 27 Dec 2019 22:21

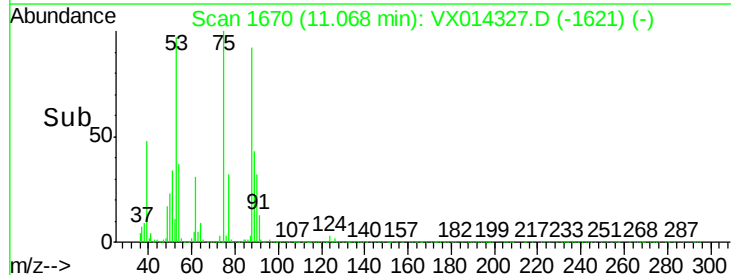
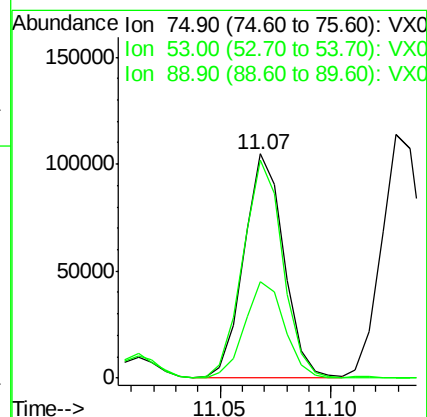
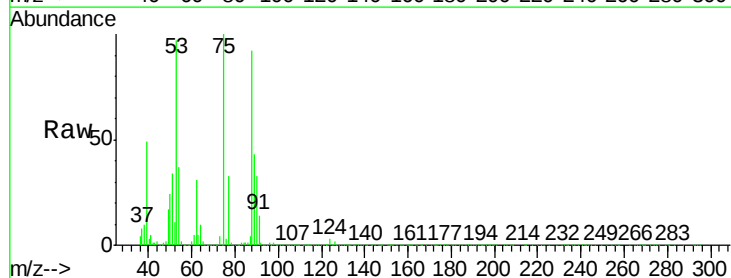
Instrument :
 MSVOA_X
 ClientSampleId :
 OW-5MSD

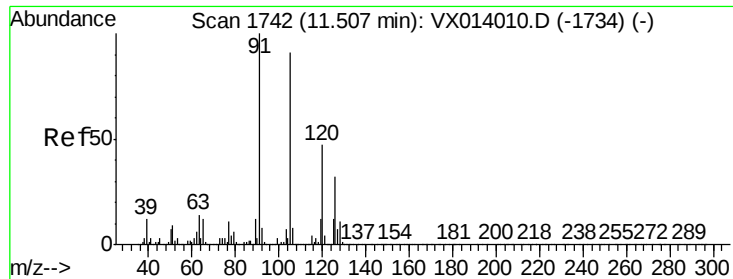
Tgt Ion: 105 Resp: 954697
 Ion Ratio Lower Upper
 105 100
 120 51.0 25.3 75.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.588 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX014327.D
 Acq: 27 Dec 2019 22:21

Tgt Ion: 75 Resp: 129947
 Ion Ratio Lower Upper
 75 100
 53 97.3 76.7 115.1
 89 43.8 34.6 51.8





#82

4-Chlorotoluene

Concen: 49.509 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

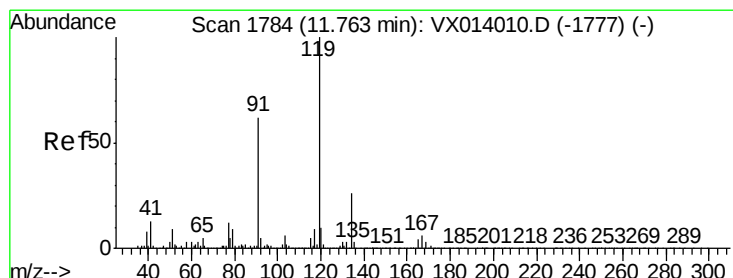
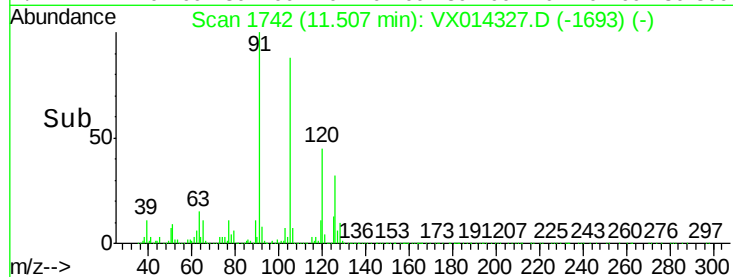
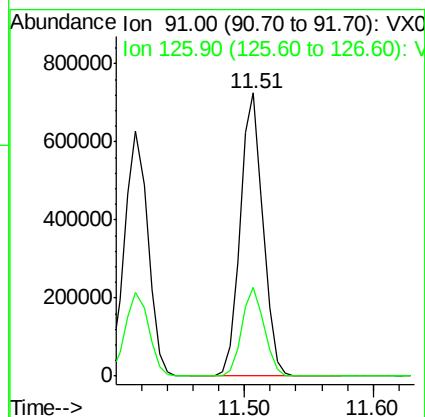
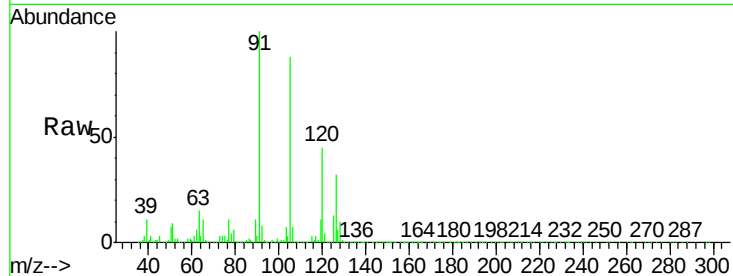
OW-5MSD

Tgt Ion: 91 Resp: 885706

Ion Ratio Lower Upper

91 100

126 30.8 15.6 46.8



#83

tert-Butylbenzene

Concen: 51.129 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

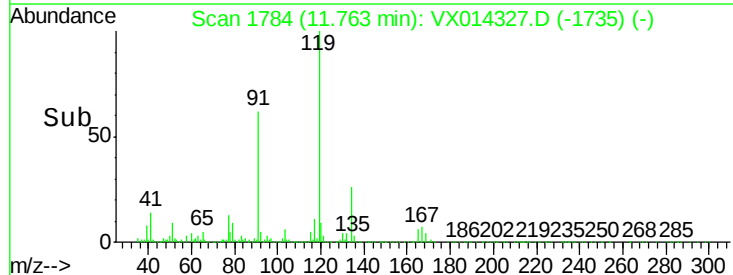
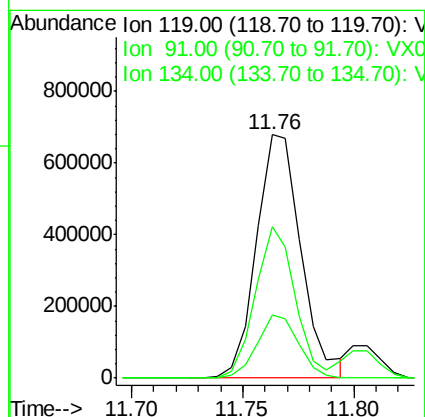
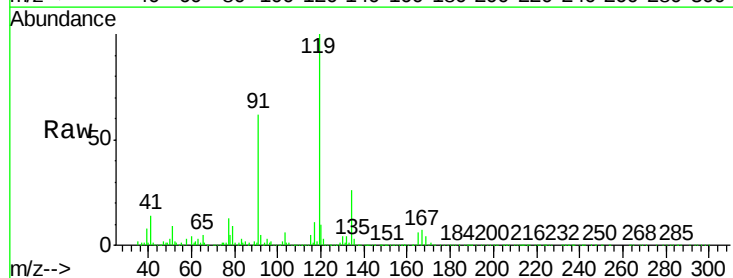
Tgt Ion: 119 Resp: 947204

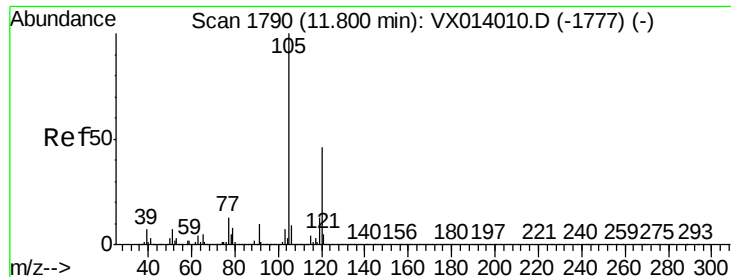
Ion Ratio Lower Upper

119 100

91 55.5 28.5 85.6

134 24.0 12.2 36.6

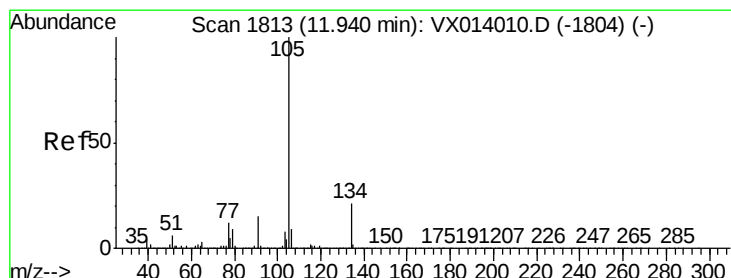
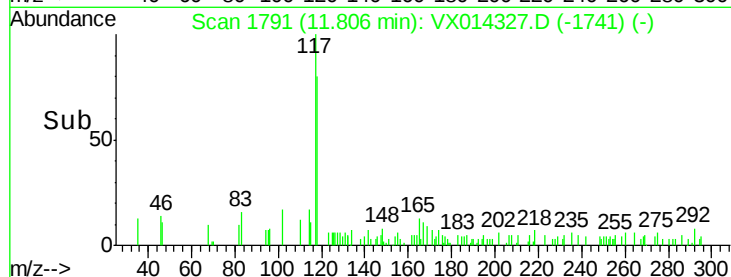
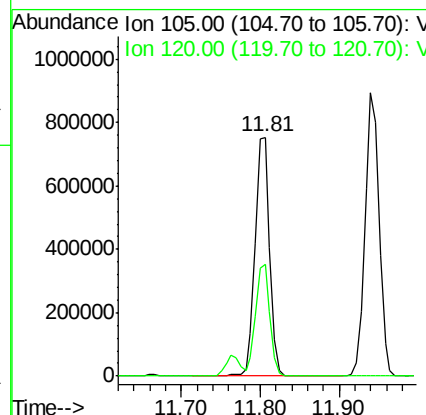
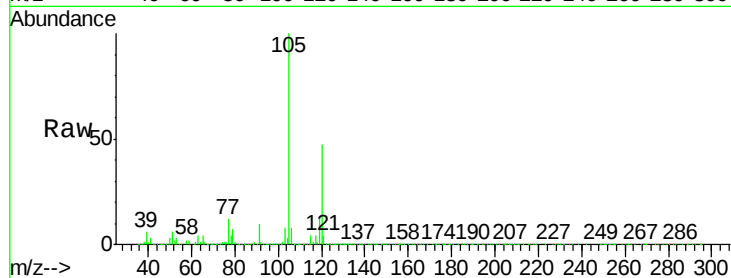




#84
 1,2,4-Trimethylbenzene
 Concen: 50.705 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX014327.D
 Acq: 27 Dec 2019 22:21

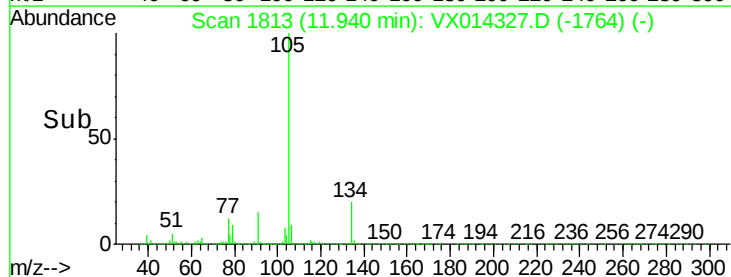
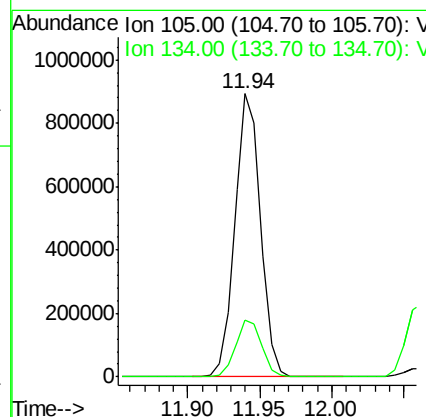
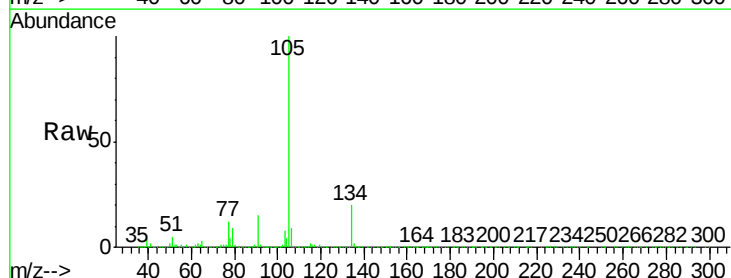
Instrument :
 MSVOA_X
 ClientSampleId :
 OW-5MSD

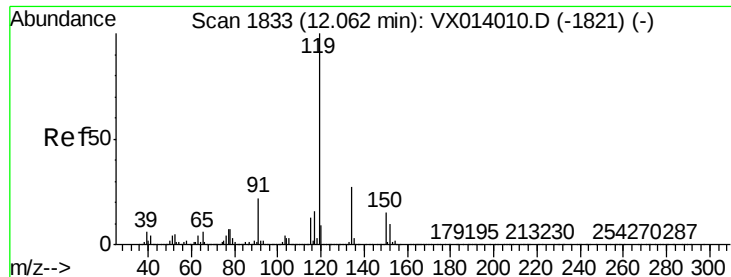
Tgt Ion:105 Resp: 966642
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 50.847 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014327.D
 Acq: 27 Dec 2019 22:21

Tgt Ion:105 Resp: 1112019
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.1





#86

p-Isopropyltoluene

Concen: 50.533 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Instrument :

MSVOA_X

ClientSampled :

OW-5MSD

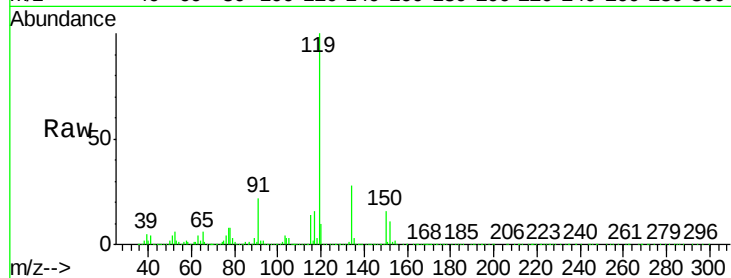
Tgt Ion:119 Resp: 1010927

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

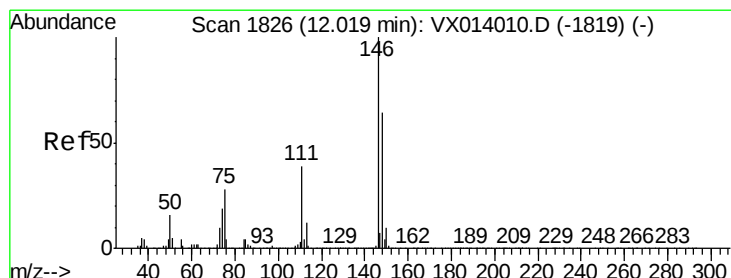
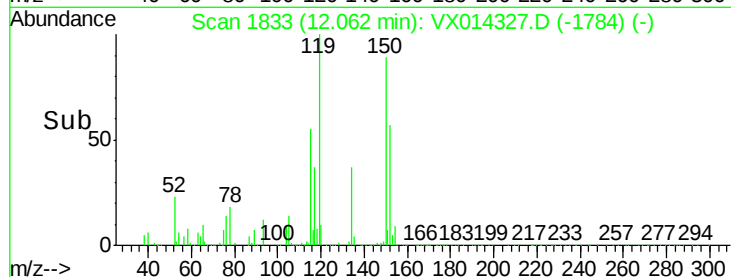
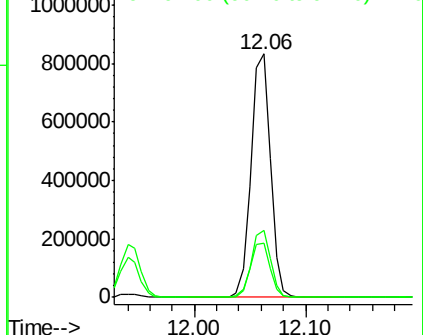
91 22.5 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#87

1,3-Dichlorobenzene

Concen: 47.930 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

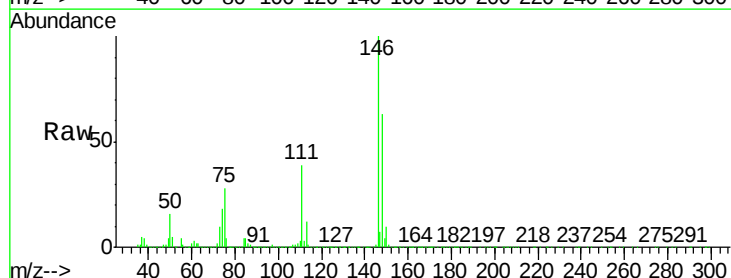
Tgt Ion:146 Resp: 522785

Ion Ratio Lower Upper

146 100

111 38.9 19.1 57.1

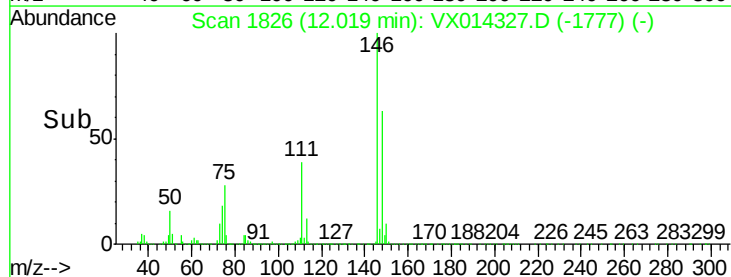
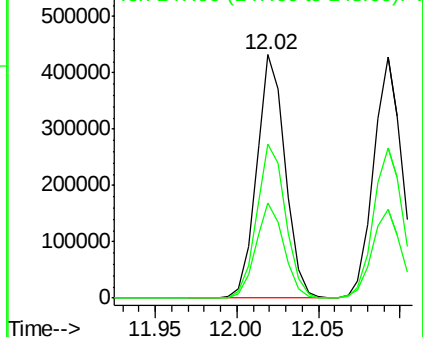
148 64.1 32.3 96.9

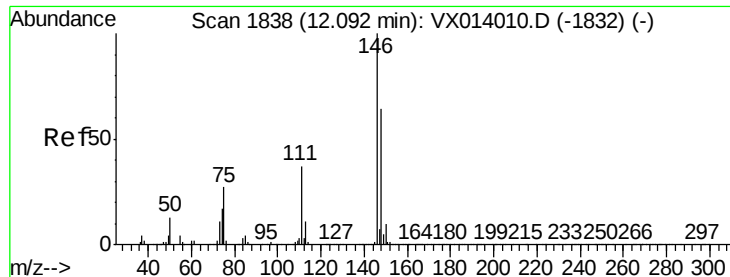


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

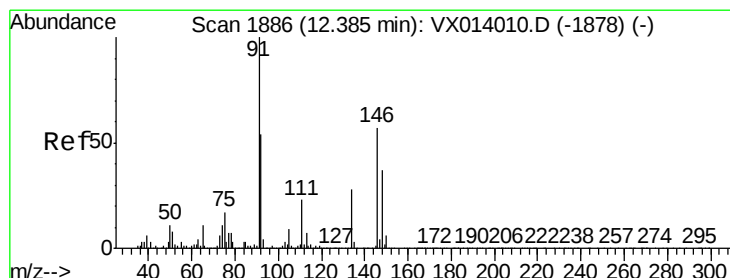
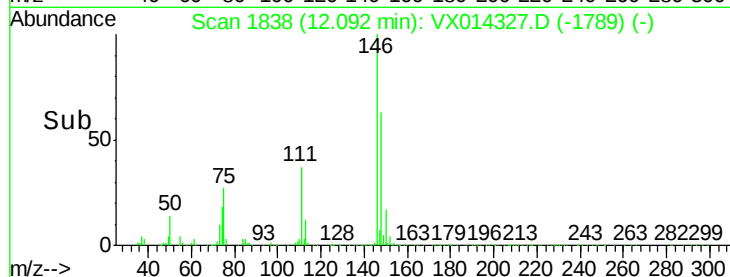
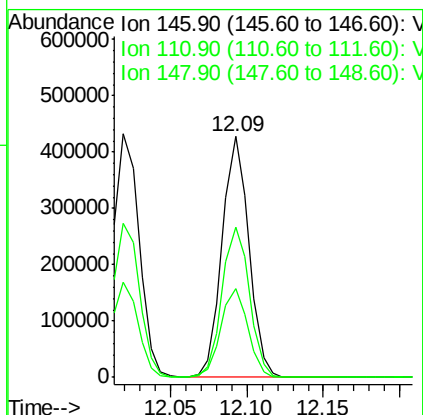
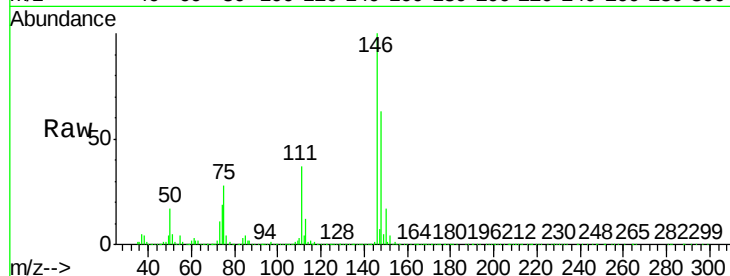




#88
 1,4-Dichlorobenzene
 Concen: 46.734 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014327.D
 Acq: 27 Dec 2019 22:21

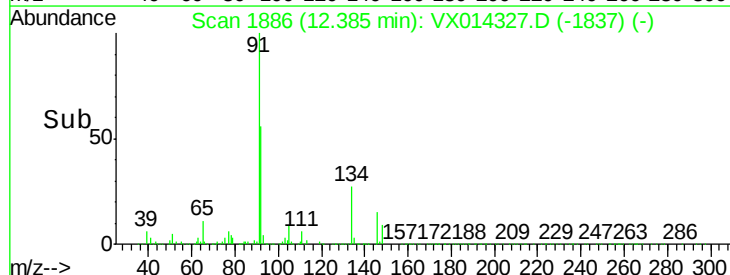
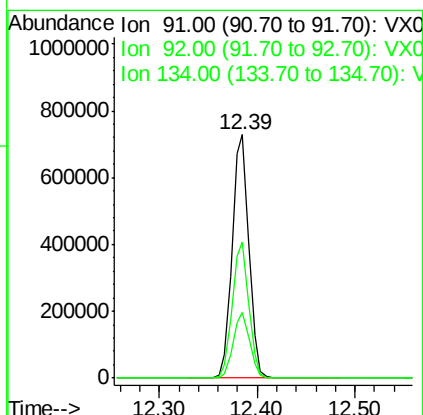
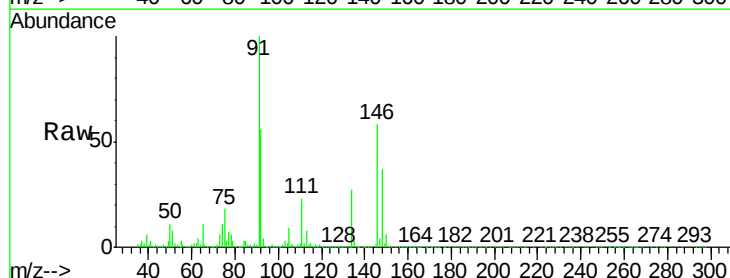
Instrument :
 MSVOA_X
 ClientSampleId :
 OW-5MSD

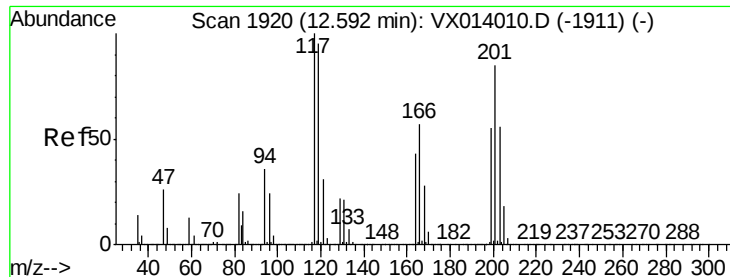
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.7	56.1
148	64.2	31.9	95.9



#89
 n-Butylbenzene
 Concen: 50.321 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014327.D
 Acq: 27 Dec 2019 22:21

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.2	27.2	81.6
134	26.7	13.4	40.1





#90

Hexachloroethane

Concen: 50.430 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

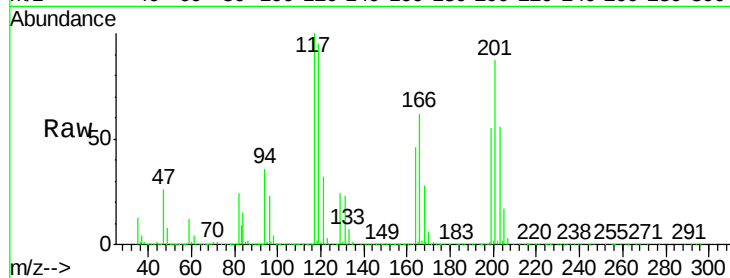
OW-5MSD

Tgt Ion:117 Resp: 181212

Ion Ratio Lower Upper

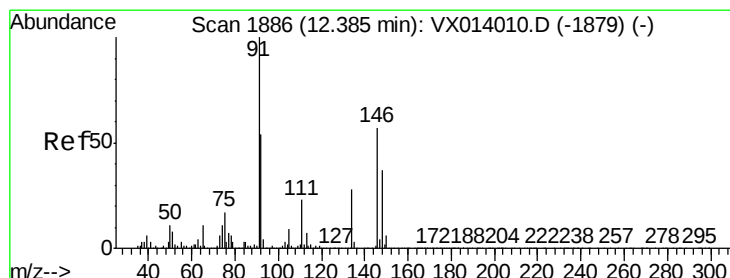
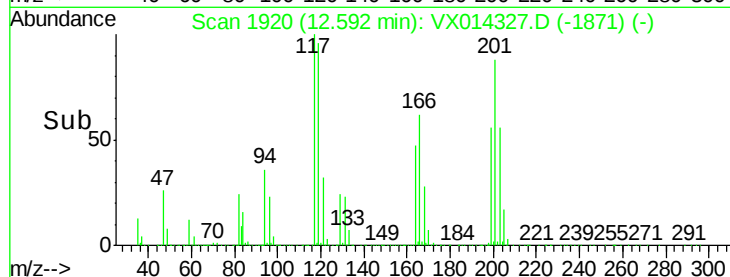
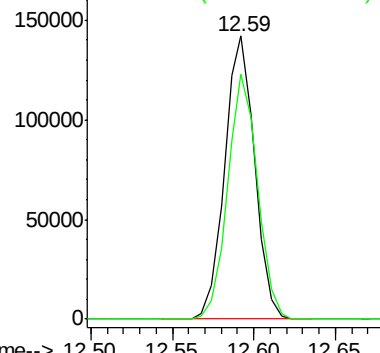
117 100

201 86.7 43.1 129.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 48.018 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

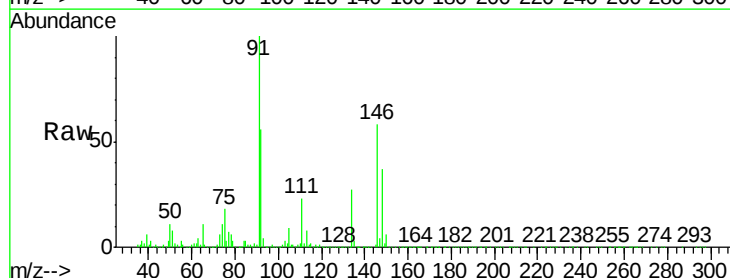
Tgt Ion:146 Resp: 527237

Ion Ratio Lower Upper

146 100

111 39.0 19.7 59.1

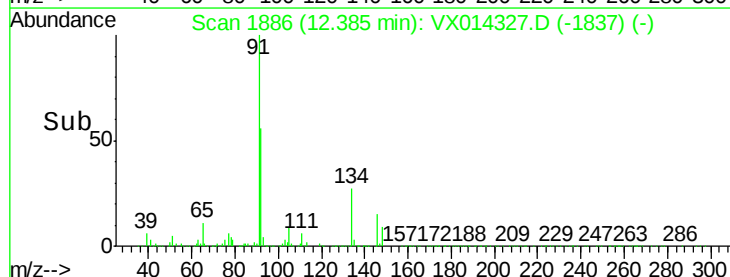
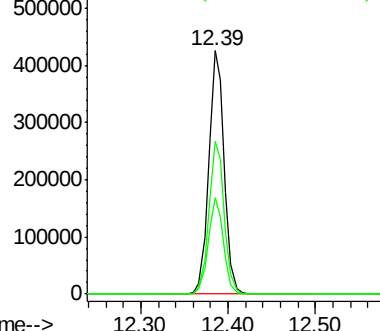
148 62.5 32.1 96.5

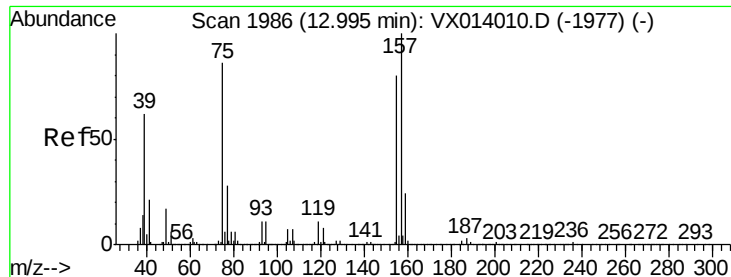


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 50.292 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

Instrument :

MSVOA_X

ClientSampled :

OW-5MSD

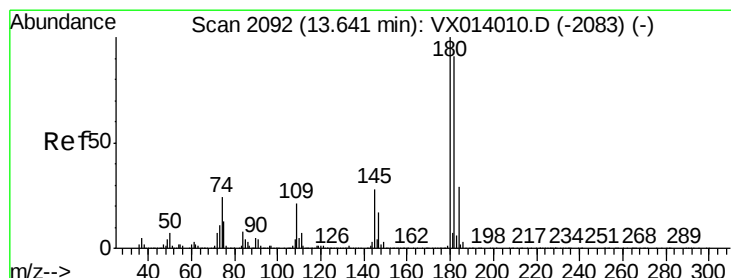
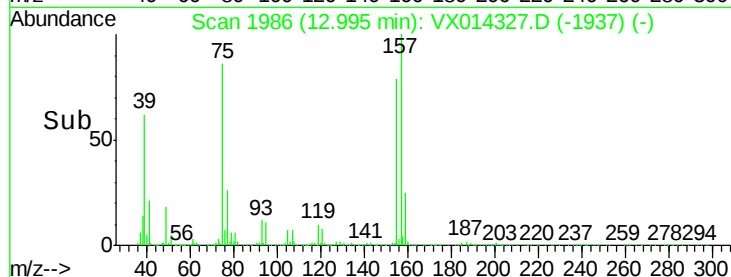
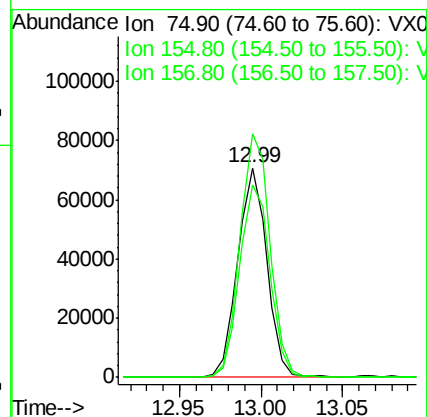
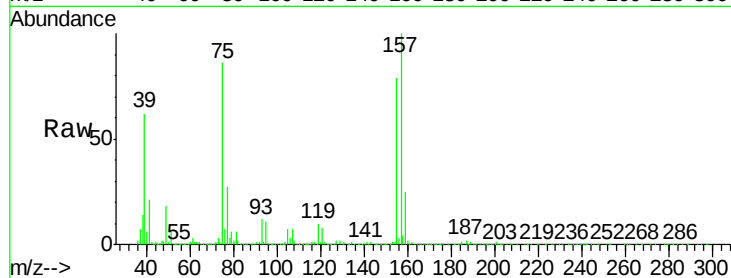
Tgt Ion: 75 Resp: 87275

Ion Ratio Lower Upper

75 100

155 96.0 46.9 140.6

157 121.5 60.8 182.4



#93

1,2,4-Trichlorobenzene

Concen: 47.928 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

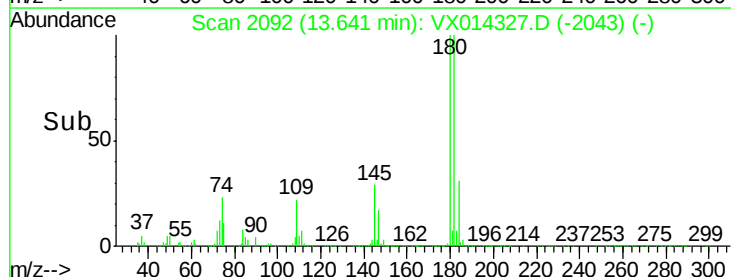
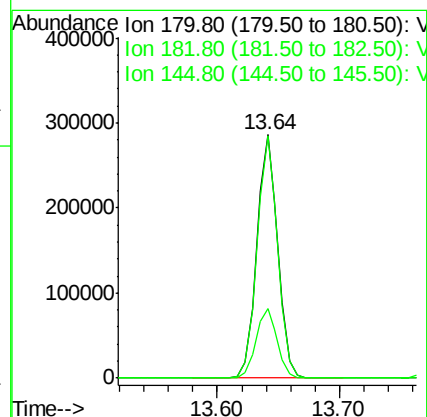
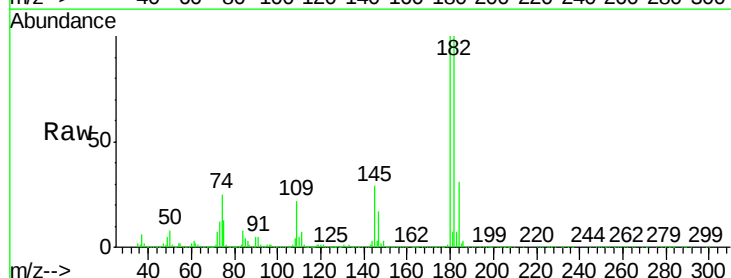
Tgt Ion: 180 Resp: 342033

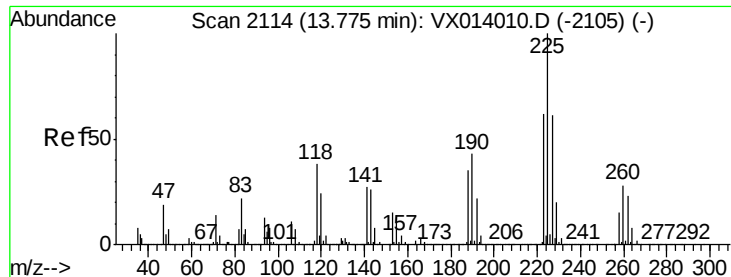
Ion Ratio Lower Upper

180 100

182 98.0 46.6 139.8

145 28.9 14.2 42.6





#94

Hexachlorobutadiene

Concen: 48.730 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX014327.D

Acq: 27 Dec 2019 22:21

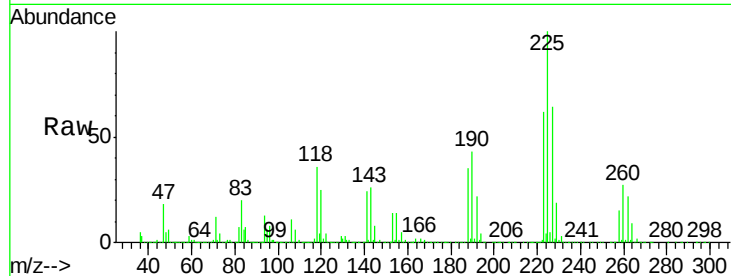
Instrument :

MSVOA_X

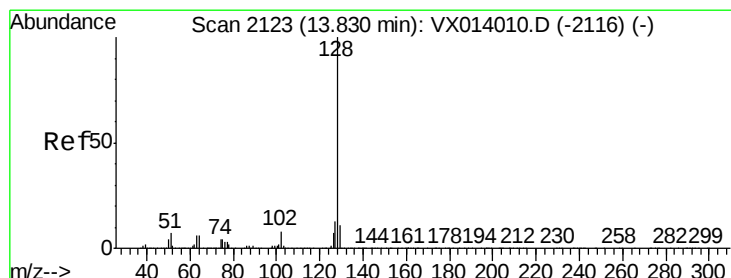
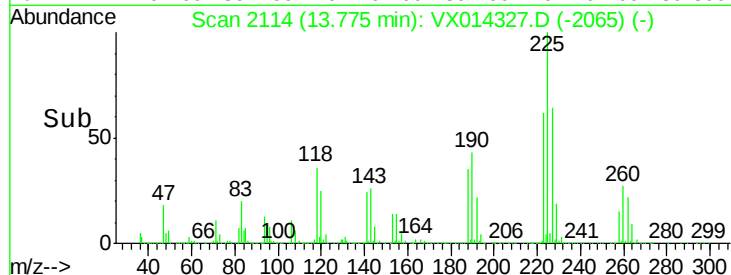
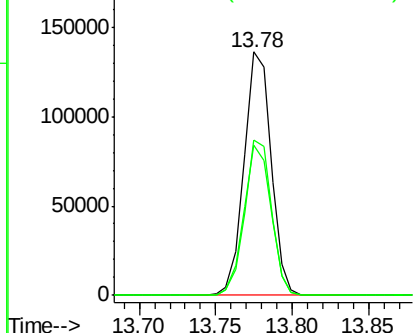
ClientSampleId :

OW-5MSD

Tgt Ion:	225	Resp:	167131
Ion	Ratio	Lower	Upper
225	100		
223	62.3	30.9	92.5
227	63.3	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: 53.924 ug/l

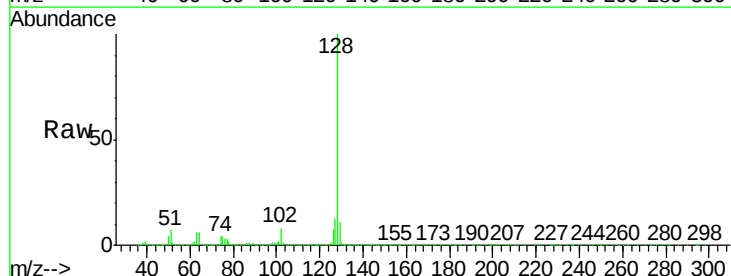
RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

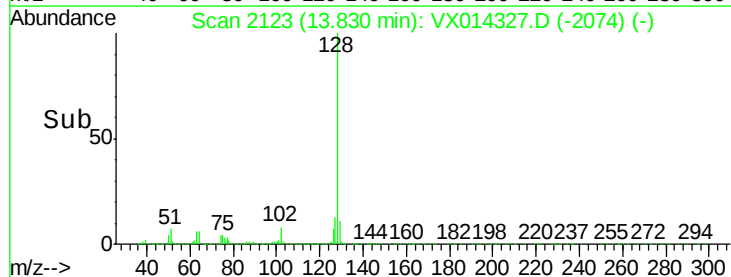
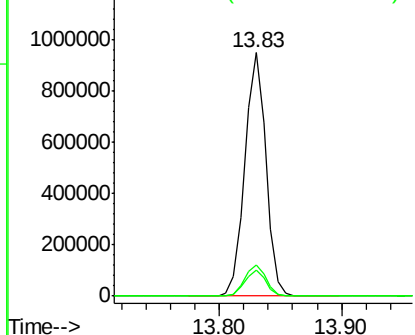
Lab File: VX014327.D

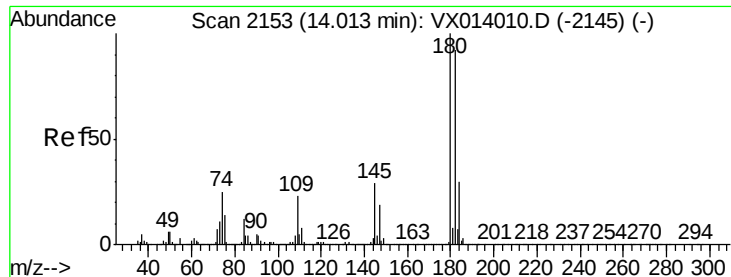
Acq: 27 Dec 2019 22:21

Tgt Ion:	128	Resp:	1130626
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.7	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: 50.901 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX014327.D
 Acq: 27 Dec 2019 22:21

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-5MSD

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	46.8	140.3
145	29.8	14.8	44.4

