

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122419\
 Data File : VX014244.D
 Acq On : 24 Dec 2019 14:52
 Operator : JC/SP
 Sample : K6401-03MSD 40X
 Misc : 4.72g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0B37MSD

Quant Time: Dec 25 05:41:17 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	491168	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	770560	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	697525	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	344337	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	294172	52.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.68%	
35) Dibromofluoromethane	5.49	113	243052	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
50) Toluene-d8	8.71	98	926697	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
62) 4-Bromofluorobenzene	11.14	95	335461	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	187342	42.635	ug/l	99
3) Chloromethane	1.32	50	278672	47.257	ug/l	99
4) Vinyl Chloride	1.40	62	292682	47.037	ug/l	100
5) Bromomethane	1.63	94	209122	47.352	ug/l	99
6) Chloroethane	1.71	64	189617	49.375	ug/l	95
7) Trichlorofluoromethane	1.92	101	366691	47.605	ug/l	96
8) Diethyl Ether	2.18	74	182075	50.366	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	222102	47.834	ug/l	99
10) Methyl Iodide	2.50	142	294877	48.253	ug/l	99
11) Tert butyl alcohol	3.03	59	318875	265.102	ug/l	99
12) 1,1-Dichloroethene	2.36	96	227644	48.182	ug/l	94
13) Acrolein	2.28	56	189124	274.673	ug/l	98
14) Allyl chloride	2.72	41	440579	52.227	ug/l	98
15) Acrylonitrile	3.13	53	765408	272.629	ug/l	100
16) Acetone	2.43	43	854216	236.364	ug/l	99
17) Carbon Disulfide	2.56	76	581567	44.423	ug/l	100
18) Methyl Acetate	2.76	43	400056	55.864	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	826643	53.244	ug/l	98
20) Methylene Chloride	2.85	84	276590	48.601	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	251446	48.307	ug/l	98
22) Diisopropyl ether	3.84	45	901442	53.624	ug/l	97
23) Vinyl Acetate	3.80	43	3491539	254.516	ug/l	100
24) 1,1-Dichloroethane	3.69	63	477588	51.064	ug/l	99
25) 2-Butanone	4.66	43	1164797	261.422	ug/l	99
26) 2,2-Dichloropropane	4.58	77	354026	48.753	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	300720	51.084	ug/l	99
28) Bromochloromethane	5.00	49	201236	55.893	ug/l	99
29) Tetrahydrofuran	5.11	42	688417	276.235	ug/l	99
30) Chloroform	5.20	83	459299	51.804	ug/l	98
31) Cyclohexane	5.57	56	397711	47.812	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	374088	49.506	ug/l	99
36) 1,1-Dichloropropene	5.79	75	335749	47.487	ug/l	99
37) Ethyl Acetate	4.82	43	418137	53.555	ug/l	100
38) Carbon Tetrachloride	5.78	117	312737	48.554	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	404256	46.306	ug/l	98
40) Benzene	6.14	78	1063637	48.893	ug/l	99
41) Methacrylonitrile	5.03	41	231195	53.368	ug/l	98
42) 1,2-Dichloroethane	6.19	62	373118	50.597	ug/l	99
43) Isopropyl Acetate	6.43	43	687290	53.191	ug/l	99
44) Trichloroethene	7.21	130	347734	57.871	ug/l	100
45) 1,2-Dichloropropane	7.51	63	289265	51.878	ug/l	94
46) Dibromomethane	7.65	93	181649	49.274	ug/l	99
47) Bromodichloromethane	7.89	83	356504	51.348	ug/l	99
48) Methyl methacrylate	7.76	41	335812	53.075	ug/l	99
49) 1,4-Dioxane	7.73	88	124392	966.079	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2156734	265.779	ug/l	99
52) Toluene	8.78	92	673458	48.977	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	400839	52.652	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	447881	52.807	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	282571	51.274	ug/l	99
56) Ethyl methacrylate	9.17	69	459330	53.060	ug/l	100
57) 1,3-Dichloropropane	9.37	76	477291	51.475	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	914468	279.135	ug/l	100
59) 2-Hexanone	9.48	43	1665604	254.975	ug/l	99
60) Dibromochloromethane	9.57	129	290259	52.986	ug/l	99
61) 1,2-Dibromoethane	9.67	107	293356	52.026	ug/l	99
64) Tetrachloroethene	9.33	164	345624	55.997	ug/l	98
65) Chlorobenzene	10.14	112	715096	48.216	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	268084	50.624	ug/l	99
67) Ethyl Benzene	10.25	91	1884960	73.925	ug/l	100
68) m/p-Xylenes	10.36	106	1804870	184.040	ug/l	99
69) o-Xylene	10.70	106	780163	81.113	ug/l	98
70) Styrene	10.71	104	820880	50.472	ug/l	92
71) Bromoform	10.85	173	218293	51.282	ug/l #	98
73) Isopropylbenzene	11.01	105	1243633	51.297	ug/l	99
74) N-amyl acetate	10.89	43	661803	58.236	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.26	83	446732	53.150	ug/l	96
76) 1,2,3-Trichloropropane	11.29	75	504024	67.423	ug/l	87
77) Bromobenzene	11.25	156	323077	48.434	ug/l	99
78) n-propylbenzene	11.35	91	1444334	53.112	ug/l	99
79) 2-Chlorotoluene	11.42	91	846492	51.208	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1185409	58.097	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	144696	54.633	ug/l	97
82) 4-Chlorotoluene	11.51	91	961565	50.147	ug/l	98
83) tert-Butylbenzene	11.76	119	954802	48.086	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	1327946	64.989	ug/l	100
85) sec-Butylbenzene	11.94	105	1230308	52.486	ug/l	99
86) p-Isopropyltoluene	12.06	119	1142859	53.300	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	566468	48.455	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	577043	48.544	ug/l	99
89) n-Butylbenzene	12.39	91	1042550	56.983	ug/l	97
90) Hexachloroethane	12.59	117	198513	51.543	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	588299	49.989	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	92599	49.784	ug/l	97

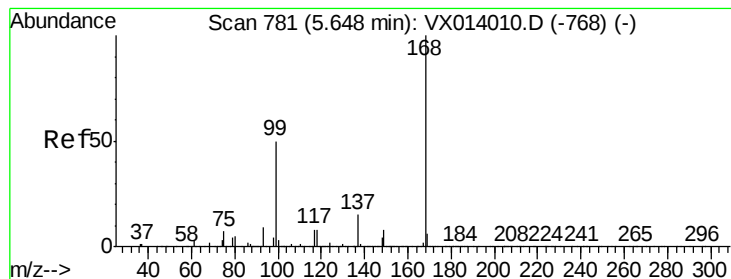
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX122419\
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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	391077	51.128	ug/l	96
94) Hexachlorobutadiene	13.78	225	193994	52.772	ug/l	99
95) Naphthalene	13.83	128	1274831	56.727	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	395343	52.359	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014244.D

Acq: 24 Dec 2019 14:52

Instrument :

MSVOA_X

ClientSampleId :

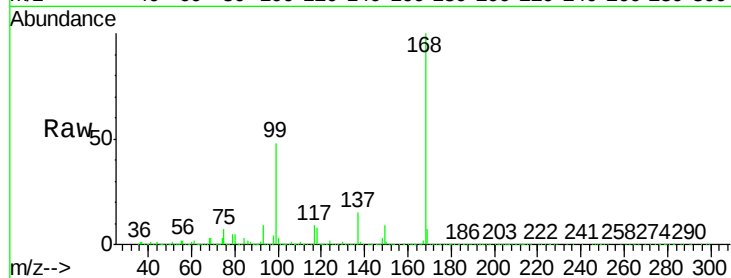
C0B37MSD

Tgt Ion:168 Resp: 491168

Ion Ratio Lower Upper

168 100

99 48.1 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

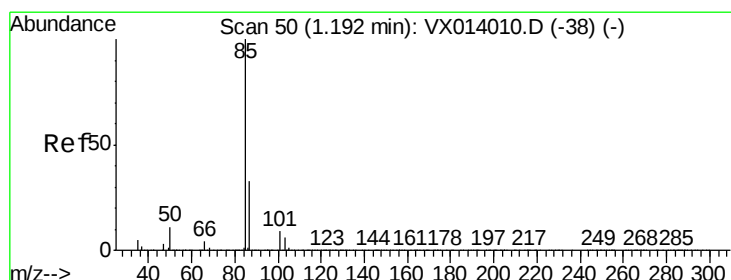
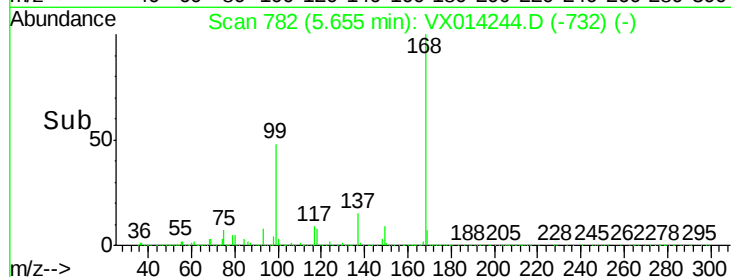
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 42.635 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014244.D

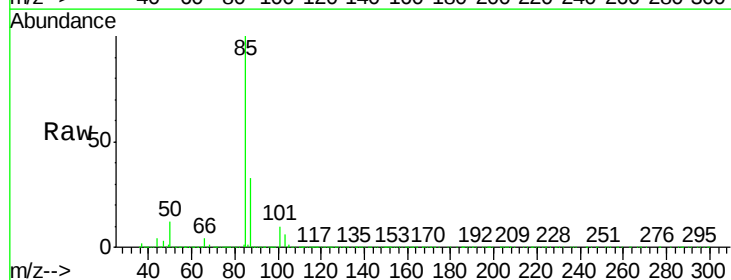
Acq: 24 Dec 2019 14:52

Tgt Ion: 85 Resp: 187342

Ion Ratio Lower Upper

85 100

87 33.4 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

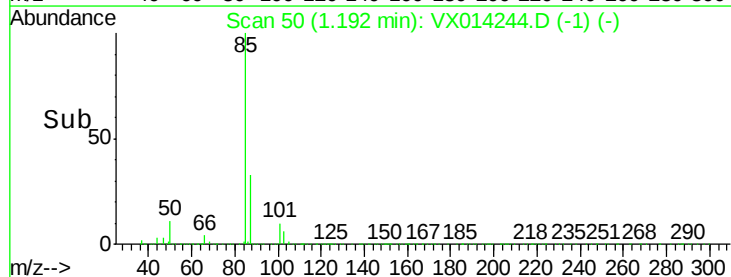
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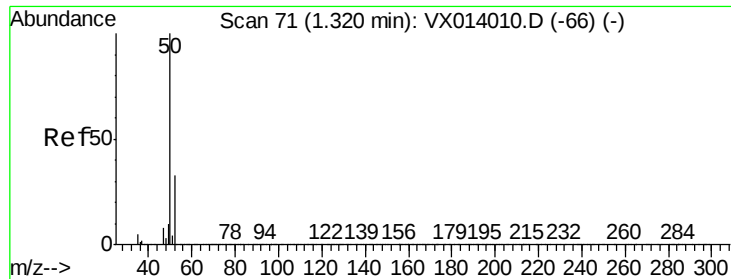
100000

50000

0

Time-->





#3

Chloromethane

Concen: 47.257 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014244.D

Acq: 24 Dec 2019 14:52

Instrument :

MSVOA_X

ClientSampleId :

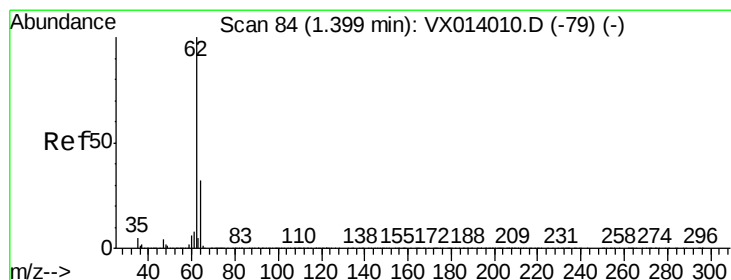
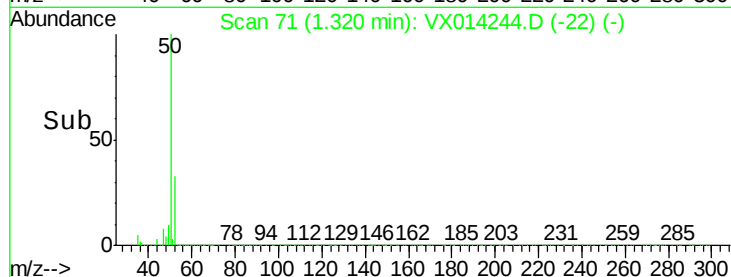
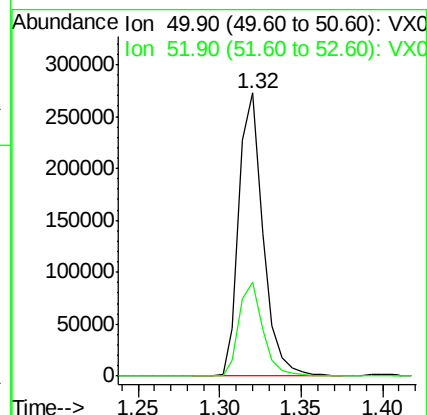
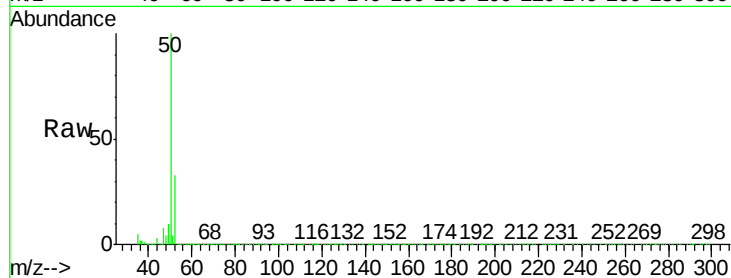
C0B37MSD

Tgt Ion: 50 Resp: 278672

Ion Ratio Lower Upper

50 100

52 33.4 26.2 39.4



#4

Vinyl Chloride

Concen: 47.037 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014244.D

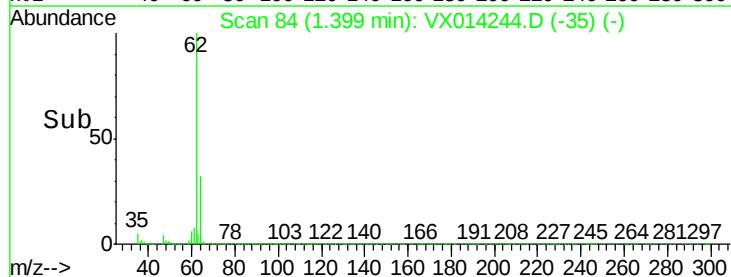
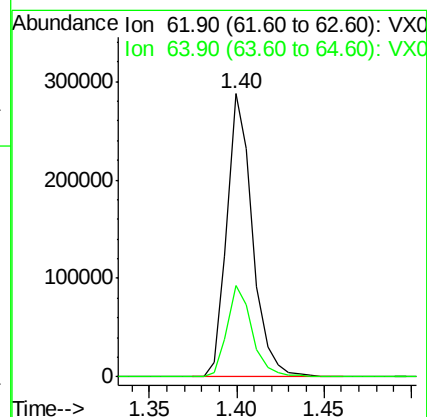
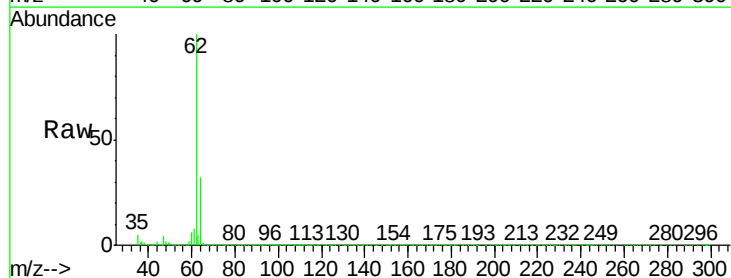
Acq: 24 Dec 2019 14:52

Tgt Ion: 62 Resp: 292682

Ion Ratio Lower Upper

62 100

64 32.2 25.7 38.5





#5

Bromomethane

Concen: 47.352 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014244.D

Acq: 24 Dec 2019 14:52

Instrument :

MSVOA_X

ClientSampleId :

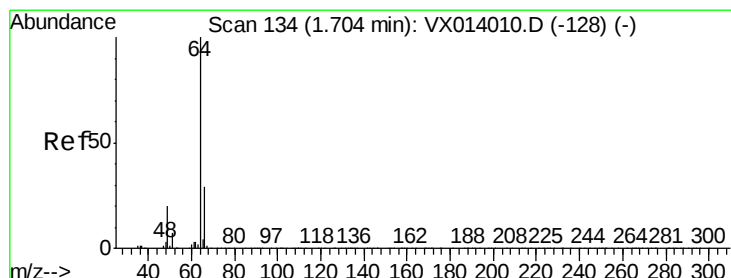
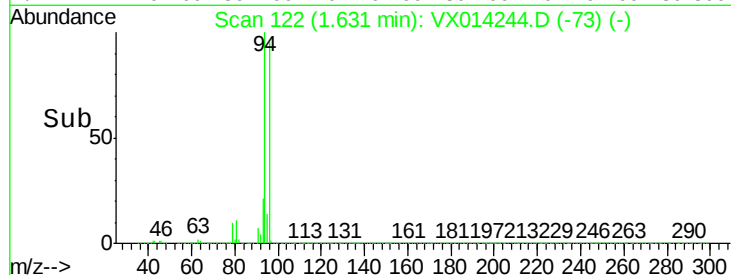
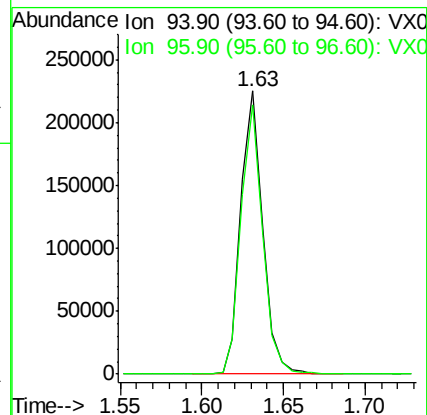
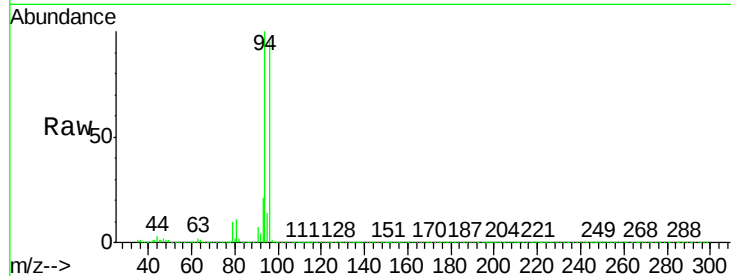
C0B37MSD

Tgt Ion: 94 Resp: 209122

Ion Ratio Lower Upper

94 100

96 94.9 75.2 112.8



#6

Chloroethane

Concen: 49.375 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX014244.D

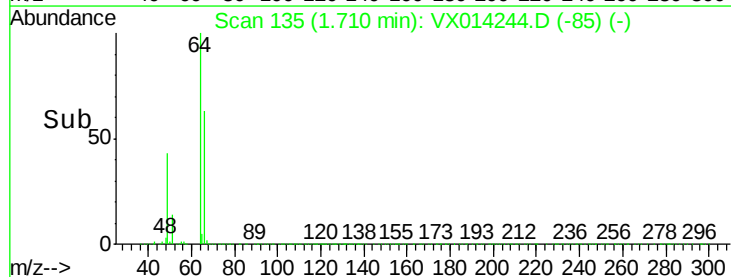
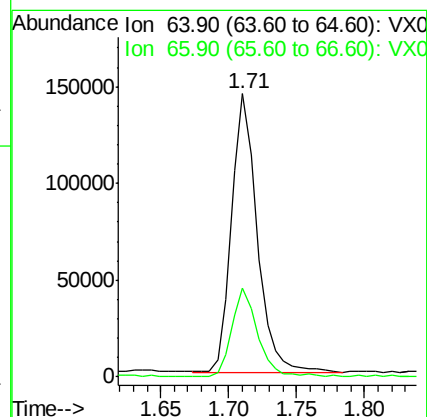
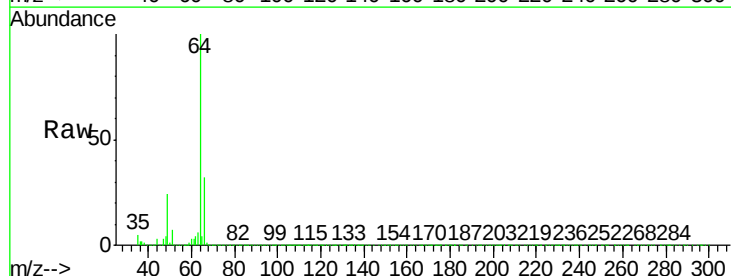
Acq: 24 Dec 2019 14:52

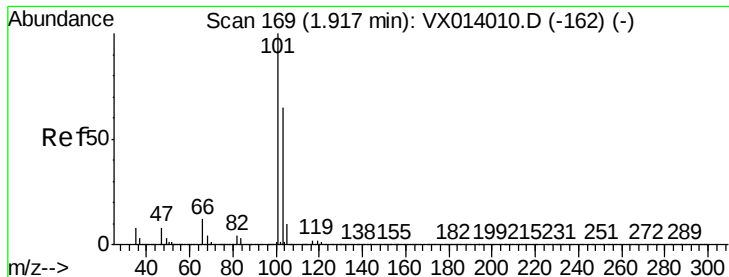
Tgt Ion: 64 Resp: 189617

Ion Ratio Lower Upper

64 100

66 31.9 23.4 35.2



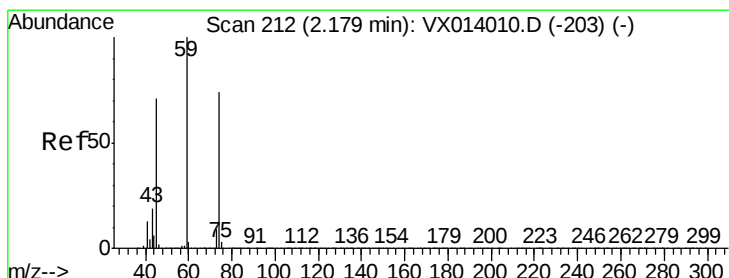
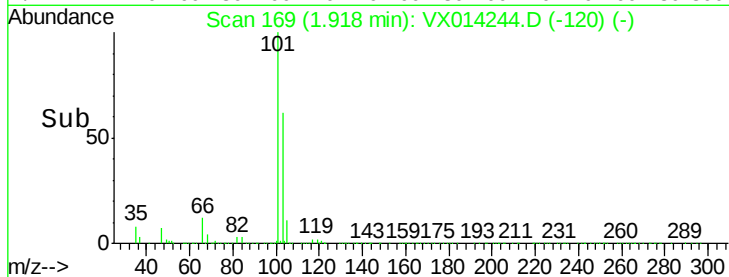
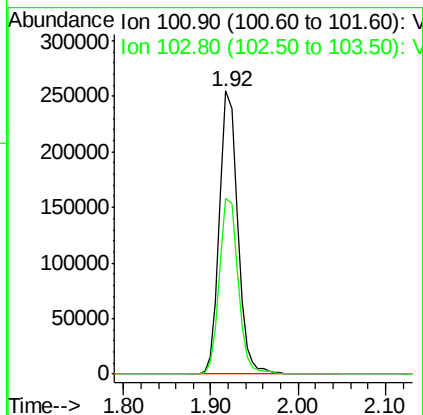
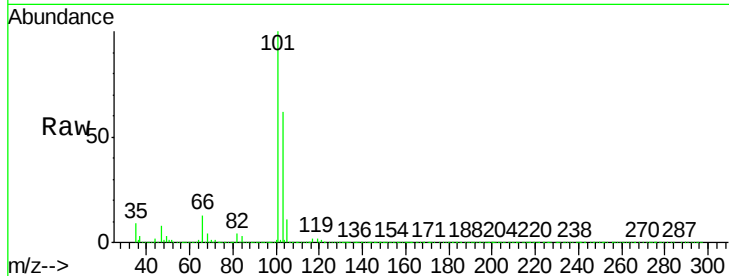


#7

Trichlorofluoromethane
Concen: 47.605 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX014244.D
Acq: 24 Dec 2019 14:52

Instrument :
MSVOA_X
ClientSampleId :
C0B37MSD

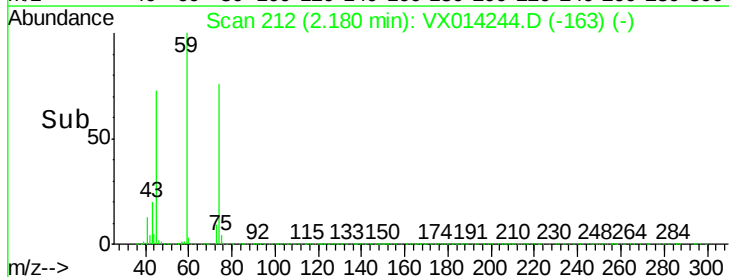
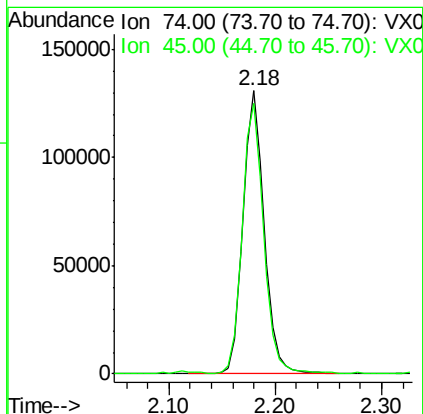
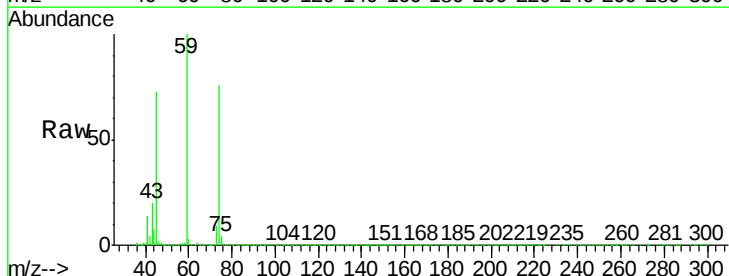
Tgt Ion: 101 Resp: 366691
Ion Ratio Lower Upper
101 100
103 62.3 52.2 78.4



#8

Diethyl Ether
Concen: 50.366 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014244.D
Acq: 24 Dec 2019 14:52

Tgt Ion: 74 Resp: 182075
Ion Ratio Lower Upper
74 100
45 96.7 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.834 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014244.D

Acq: 24 Dec 2019 14:52

Instrument :

MSVOA_X

ClientSampleId :

C0B37MSD

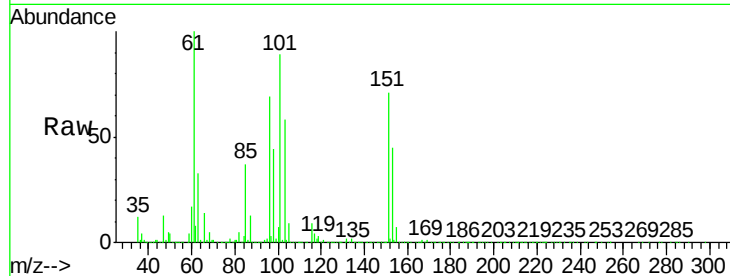
Tgt Ion:101 Resp: 222102

Ion Ratio Lower Upper

101 100

85 41.6 33.7 50.5

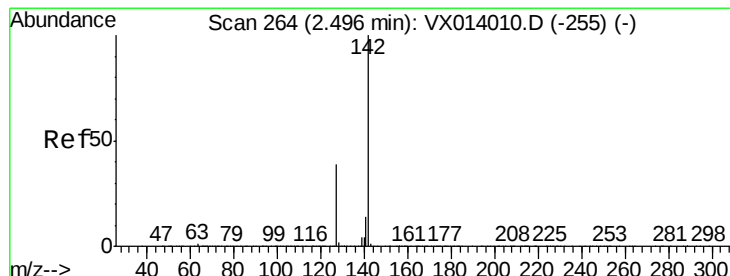
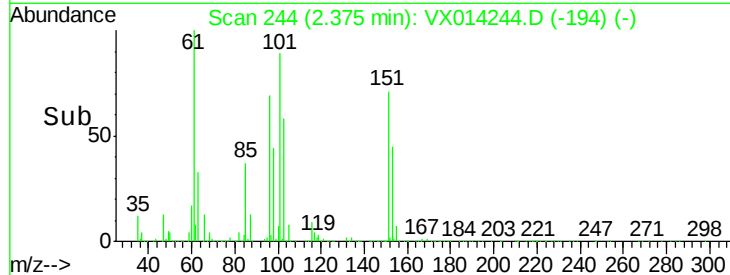
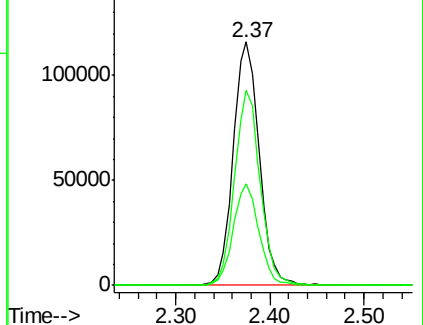
151 79.0 64.5 96.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.253 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014244.D

Acq: 24 Dec 2019 14:52

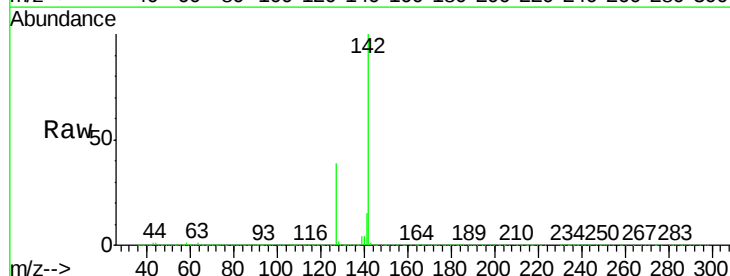
Tgt Ion:142 Resp: 294877

Ion Ratio Lower Upper

142 100

127 39.1 31.6 47.4

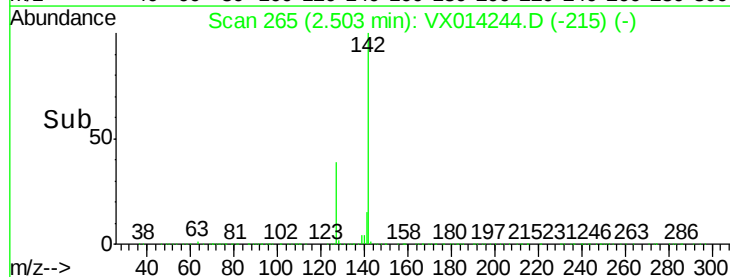
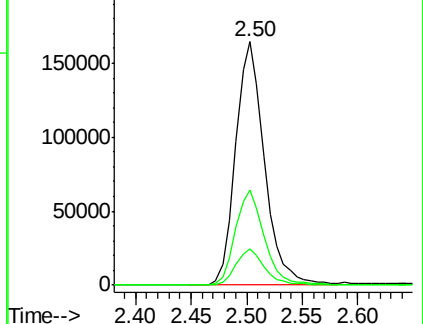
141 14.6 11.6 17.4

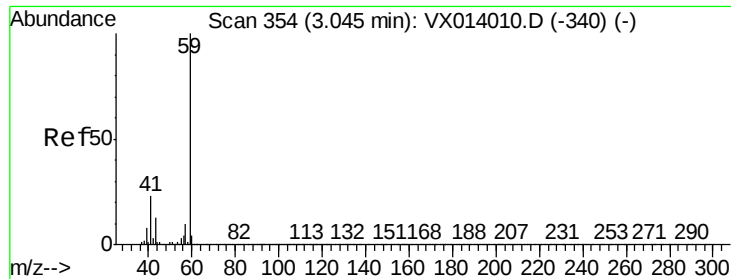


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

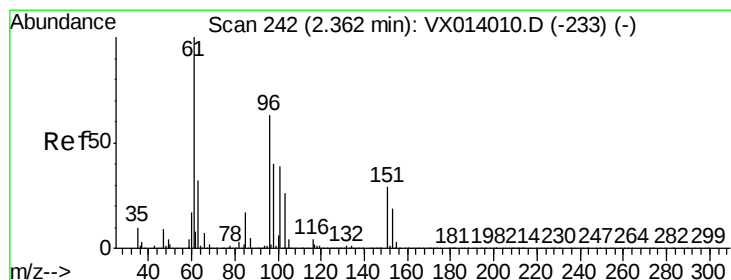
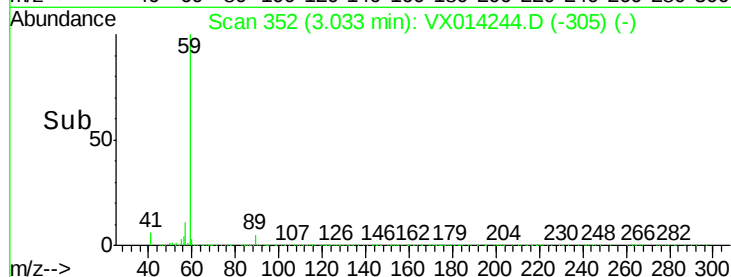
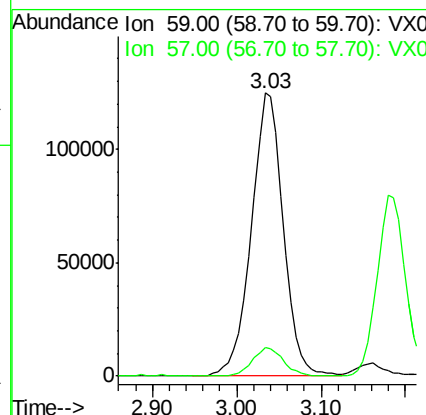
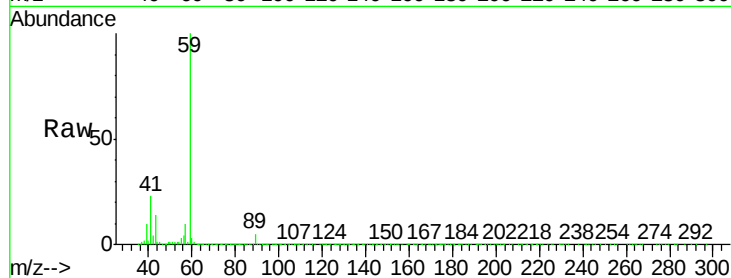




#11
Tert butyl alcohol
Concen: 265.102 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX014244.D
Acq: 24 Dec 2019 14:52

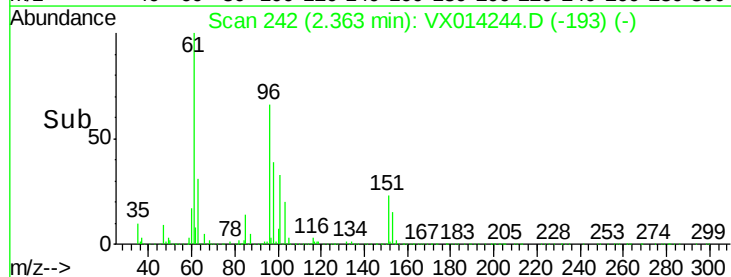
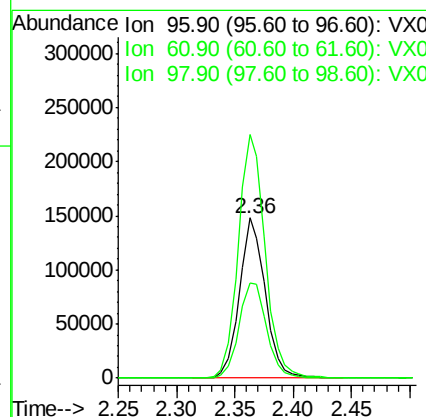
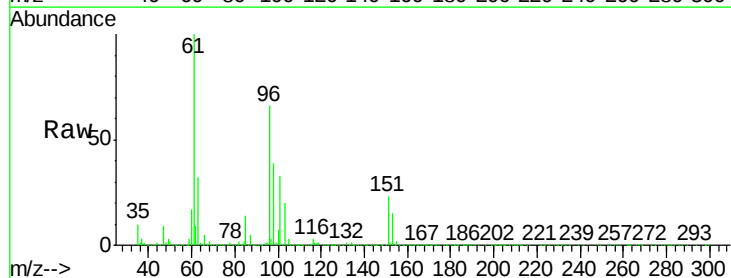
Instrument :
MSVOA_X
ClientSampleId :
C0B37MSD

Tgt Ion: 59 Resp: 318875
Ion Ratio Lower Upper
59 100
57 10.2 8.4 12.6



#12
1,1-Dichloroethene
Concen: 48.182 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX014244.D
Acq: 24 Dec 2019 14:52

Tgt Ion: 96 Resp: 227644
Ion Ratio Lower Upper
96 100
61 152.0 127.9 191.9
98 59.7 50.5 75.7





#13

Acrolein

Concen: 274.673 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014244.D

Acq: 24 Dec 2019 14:52

Instrument :

MSVOA_X

ClientSampleId :

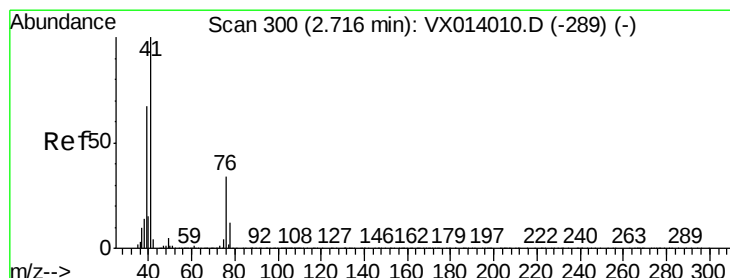
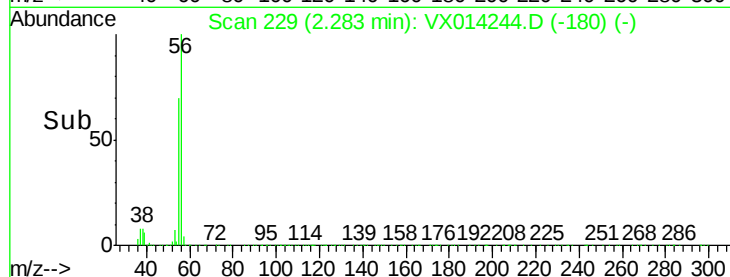
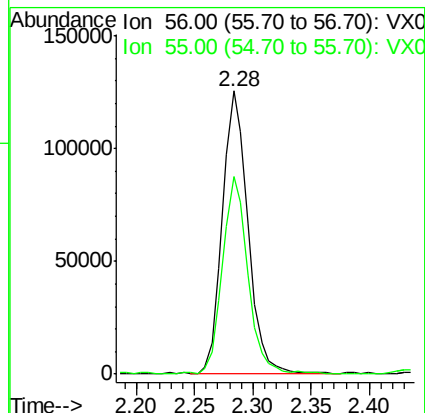
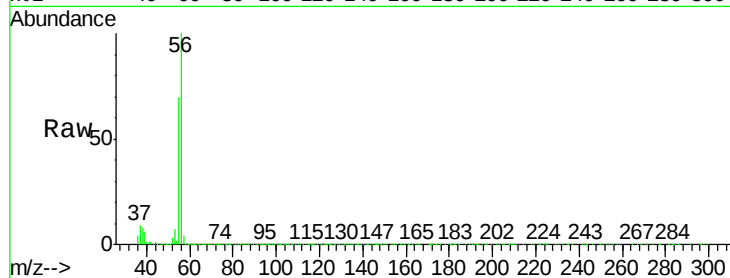
C0B37MSD

Tgt Ion: 56 Resp: 189124

Ion Ratio Lower Upper

56 100

55 69.4 56.9 85.3



#14

Allyl chloride

Concen: 52.227 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX014244.D

Acq: 24 Dec 2019 14:52

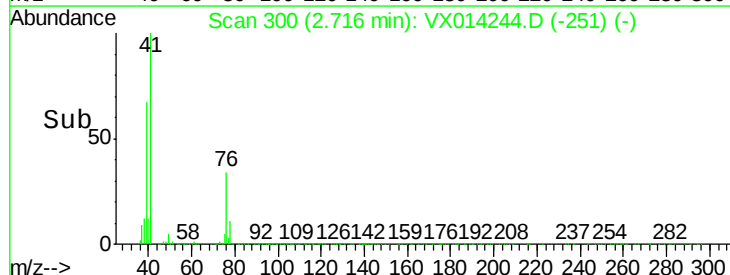
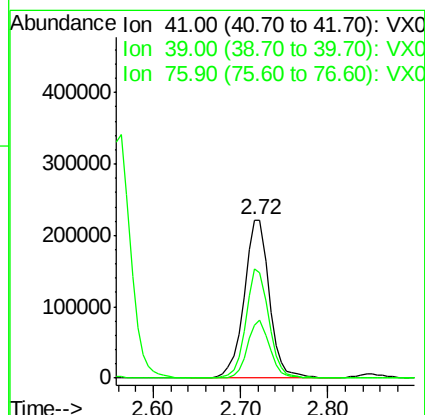
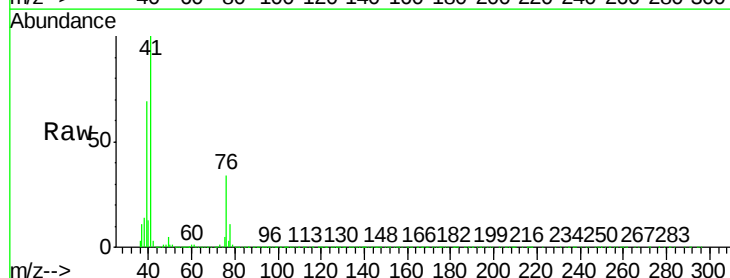
Tgt Ion: 41 Resp: 440579

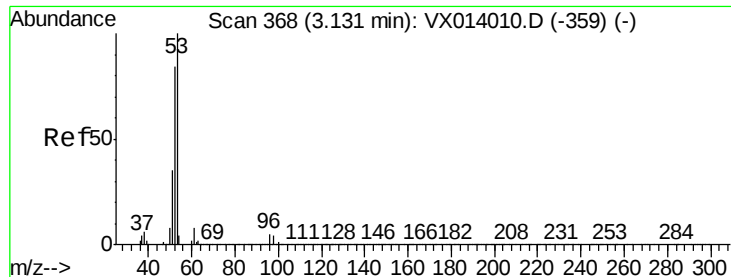
Ion Ratio Lower Upper

41 100

39 63.0 51.8 77.8

76 32.2 25.9 38.9





#15

Acrylonitrile

Concen: 272.629 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014244.D

Acq: 24 Dec 2019 14:52

Instrument :

MSVOA_X

ClientSampleId :

C0B37MSD

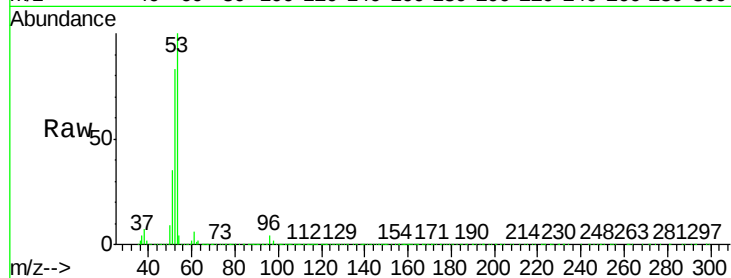
Tgt Ion: 53 Resp: 765408

Ion Ratio Lower Upper

53 100

52 83.1 66.5 99.7

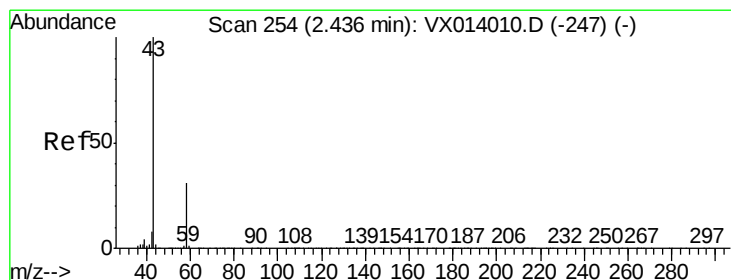
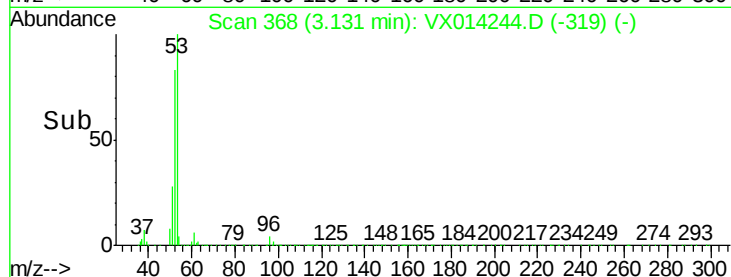
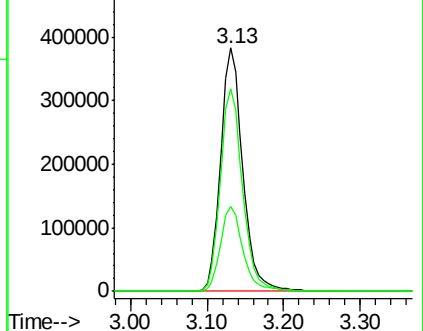
51 35.4 28.1 42.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 236.364 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014244.D

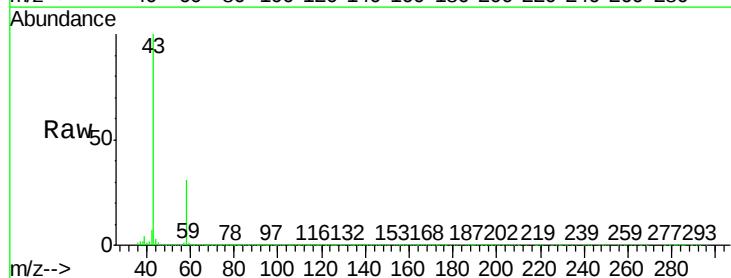
Acq: 24 Dec 2019 14:52

Tgt Ion: 43 Resp: 854216

Ion Ratio Lower Upper

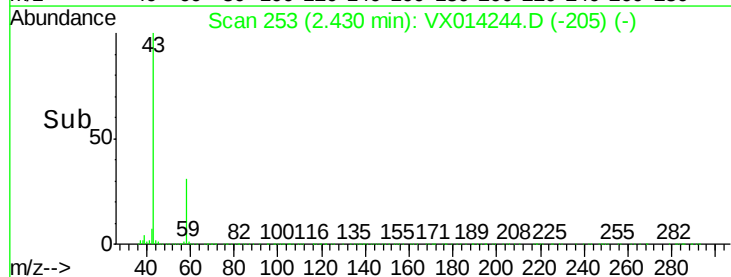
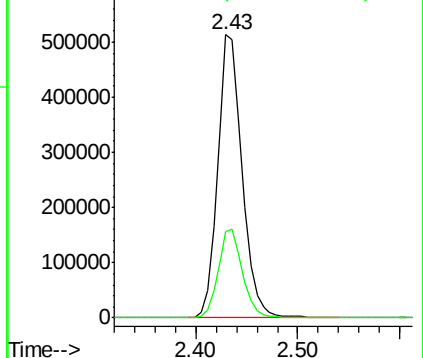
43 100

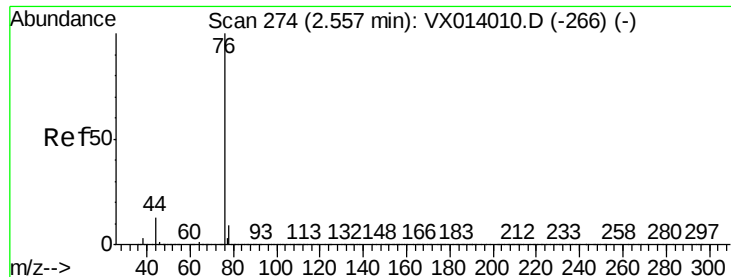
58 30.7 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

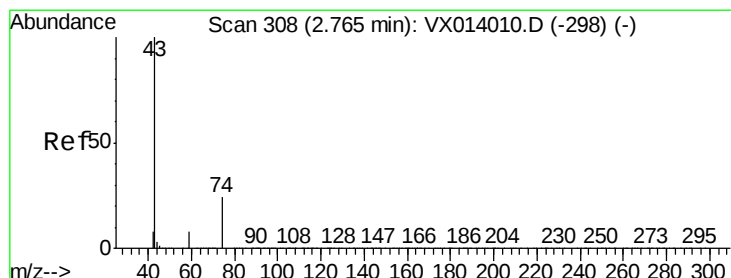
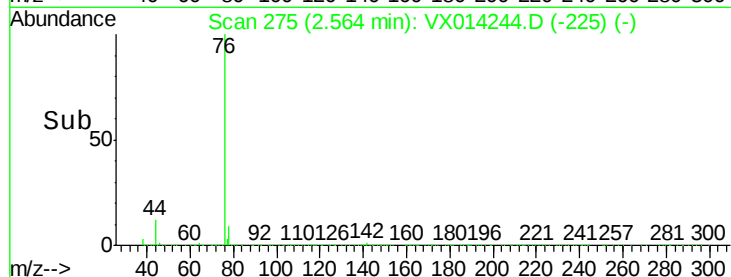
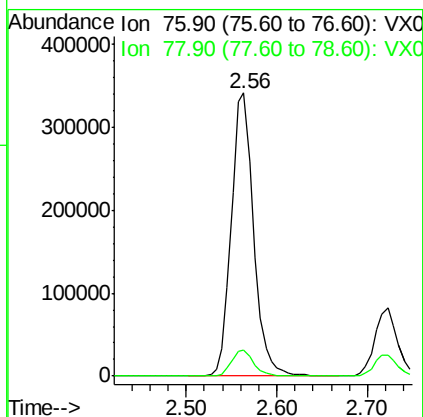
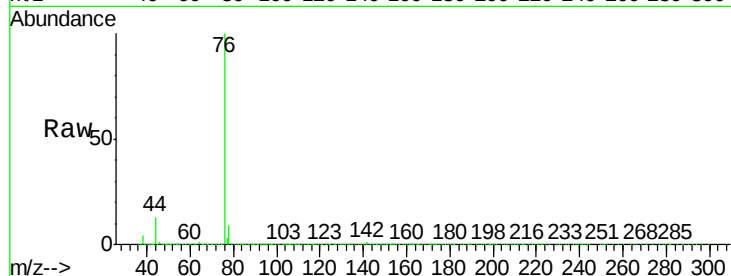




#17
Carbon Disulfide
Concen: 44.423 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX014244.D
Acq: 24 Dec 2019 14:52

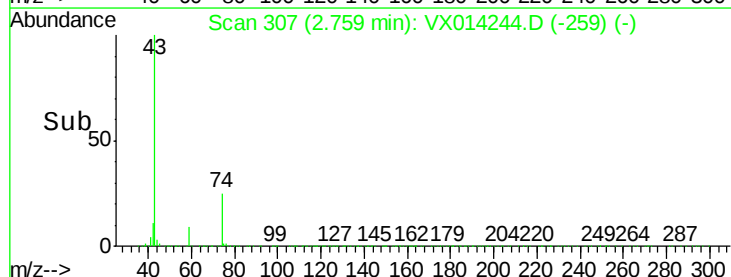
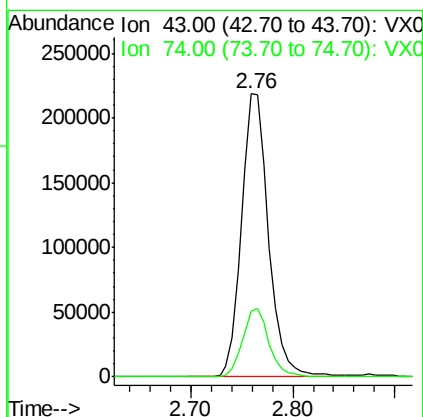
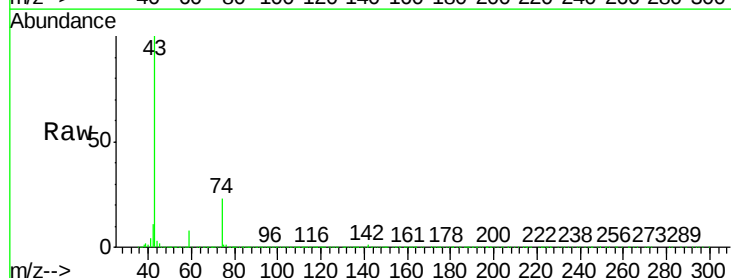
Instrument :
MSVOA_X
ClientSampleId :
C0B37MSD

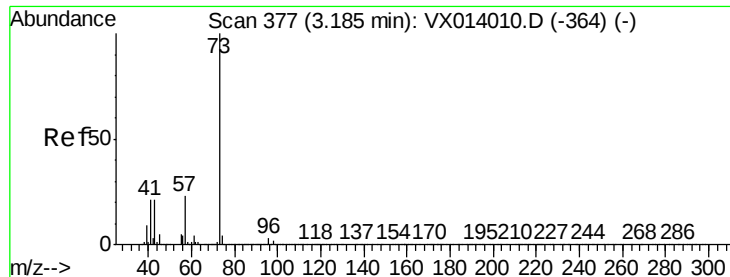
Tgt Ion: 76 Resp: 581567
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 55.864 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014244.D
Acq: 24 Dec 2019 14:52

Tgt Ion: 43 Resp: 400056
Ion Ratio Lower Upper
43 100
74 23.9 19.5 29.3

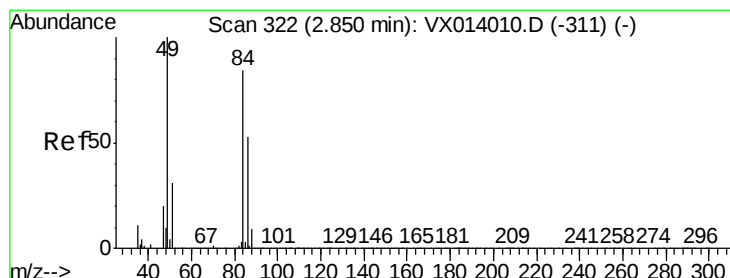
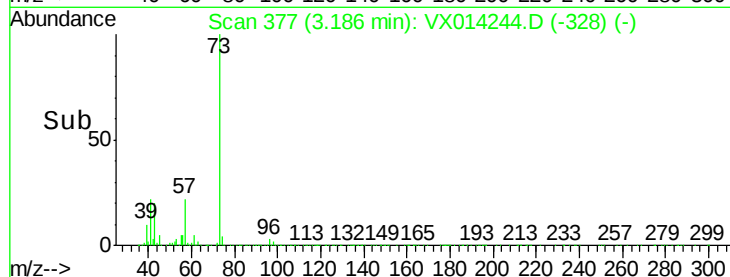
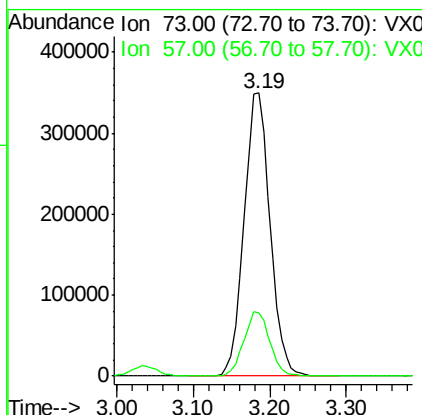
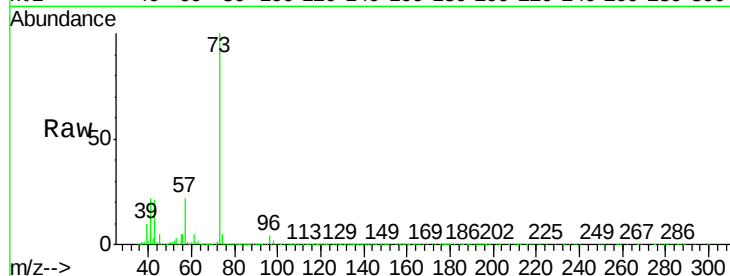




#19
Methyl tert-butyl Ether
Concen: 53.244 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014244.D
Acq: 24 Dec 2019 14:52

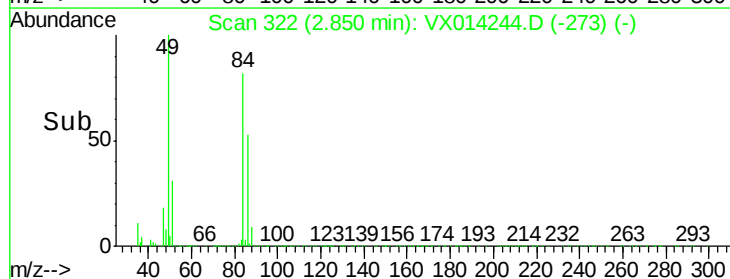
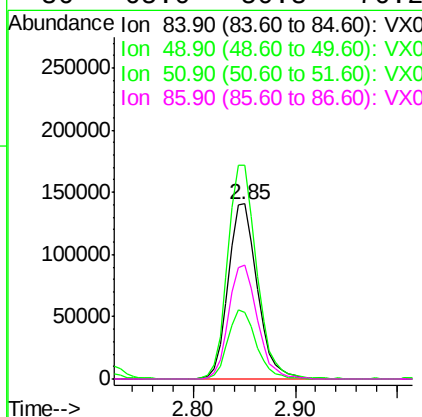
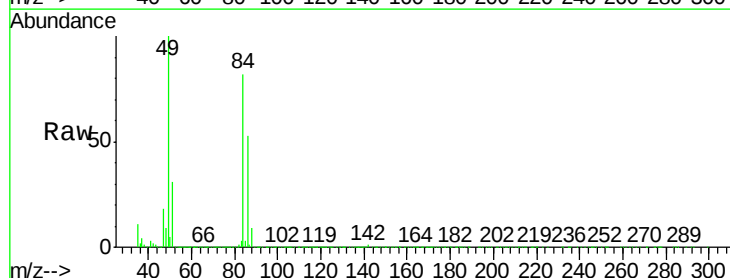
Instrument :
MSVOA_X
ClientSampleId :
C0B37MSD

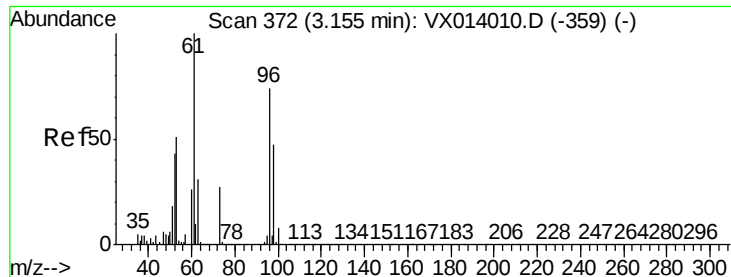
Tgt Ion: 73 Resp: 826643
Ion Ratio Lower Upper
73 100
57 22.4 18.8 28.2



#20
Methylene Chloride
Concen: 48.601 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014244.D
Acq: 24 Dec 2019 14:52

Tgt Ion: 84 Resp: 276590
Ion Ratio Lower Upper
84 100
49 121.8 95.8 143.6
51 37.9 29.8 44.8
86 65.0 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 48.307 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014244.D

Acq: 24 Dec 2019 14:52

Instrument :

MSVOA_X

ClientSampleId :

C0B37MSD

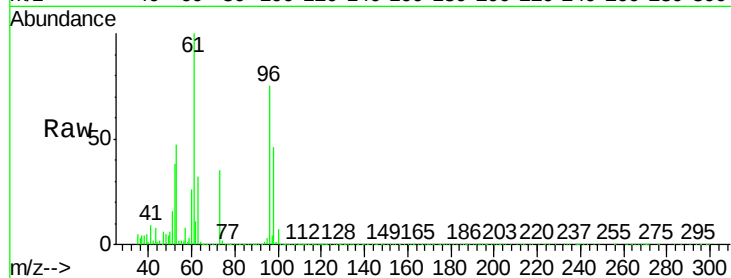
Tgt Ion: 96 Resp: 251446

Ion Ratio Lower Upper

96 100

61 133.9 108.3 162.5

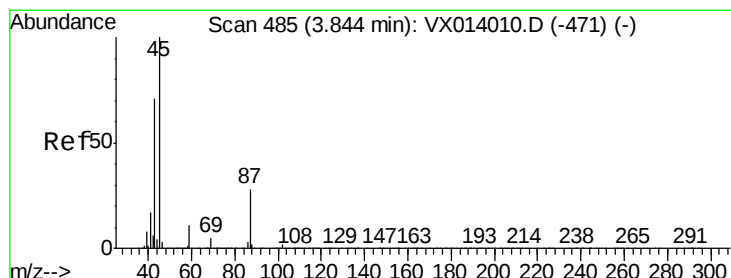
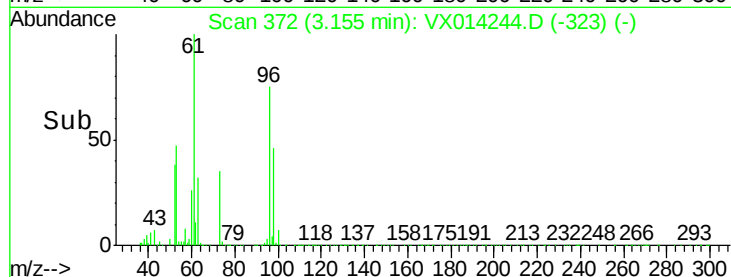
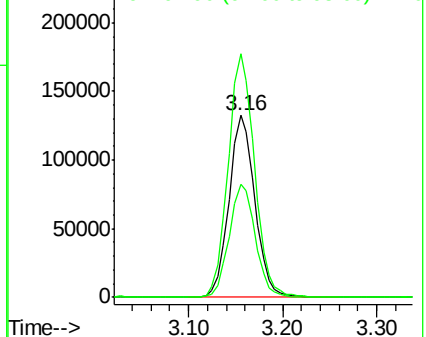
98 61.9 50.8 76.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 53.624 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014244.D

Acq: 24 Dec 2019 14:52

Tgt Ion: 45 Resp: 901442

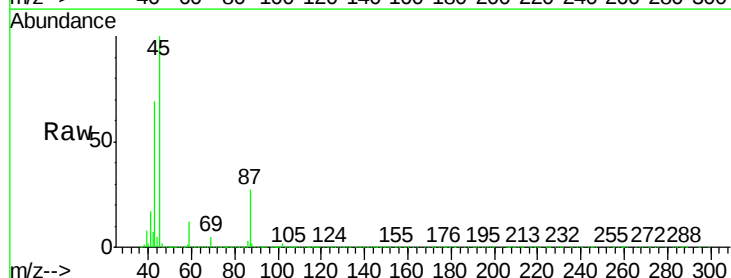
Ion Ratio Lower Upper

45 100

43 68.5 57.4 86.0

87 26.6 21.9 32.9

59 12.0 9.0 13.6

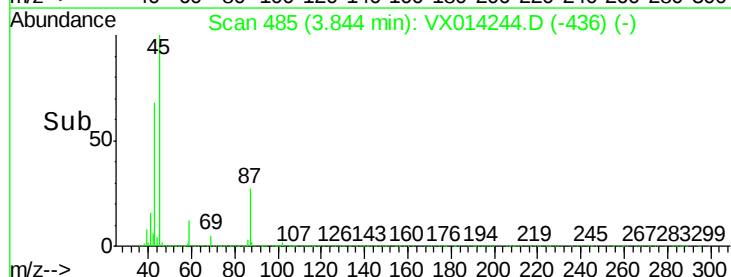
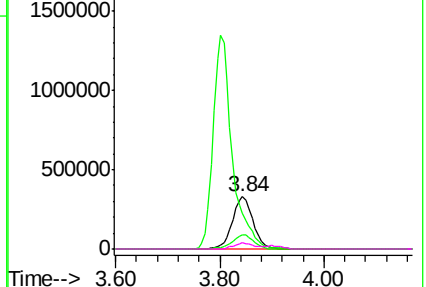


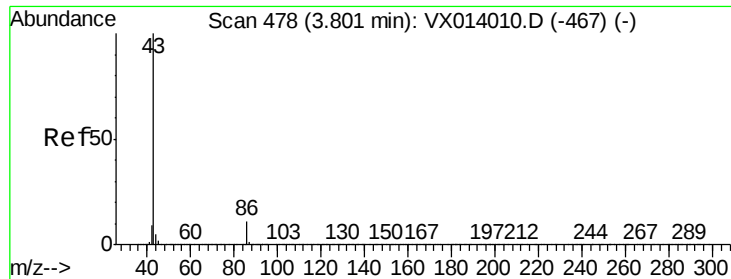
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 254.516 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014244.D

Acq: 24 Dec 2019 14:52

Instrument :

MSVOA_X

ClientSampleId :

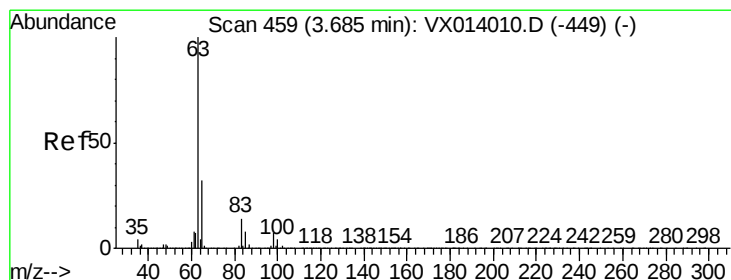
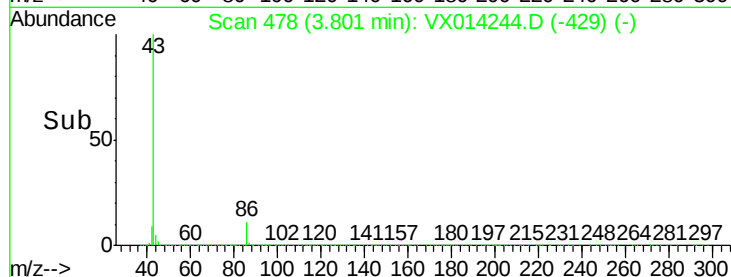
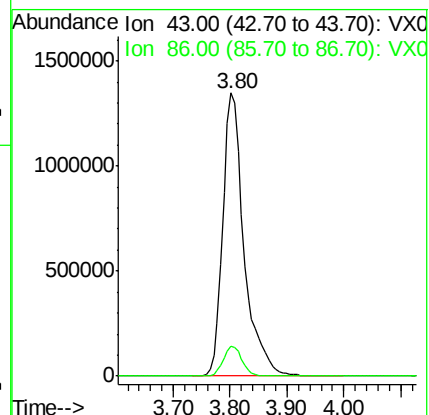
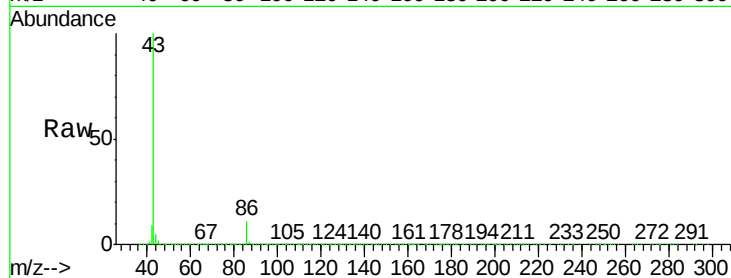
C0B37MSD

Tgt Ion: 43 Resp: 3491539

Ion Ratio Lower Upper

43 100

86 10.6 8.6 12.8



#24

1,1-Dichloroethane

Concen: 51.064 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014244.D

Acq: 24 Dec 2019 14:52

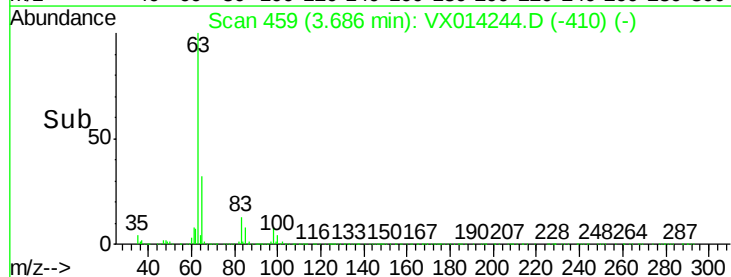
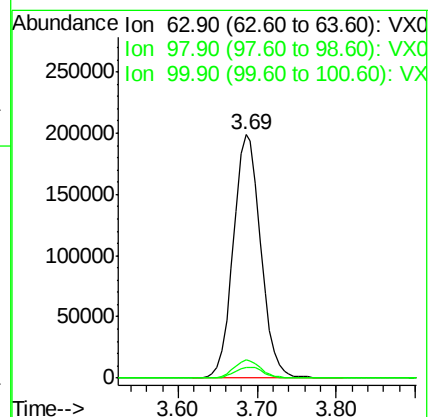
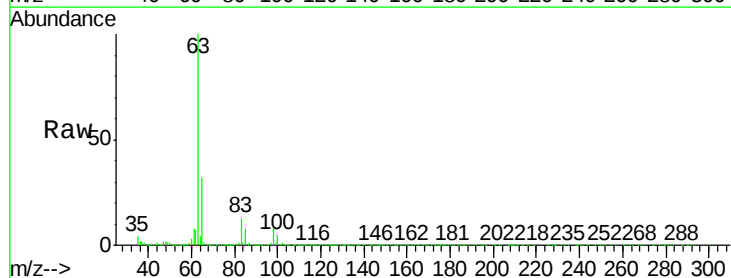
Tgt Ion: 63 Resp: 477588

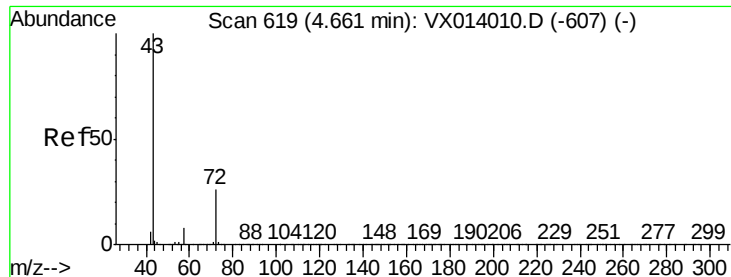
Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.8

100 4.4 2.3 6.8

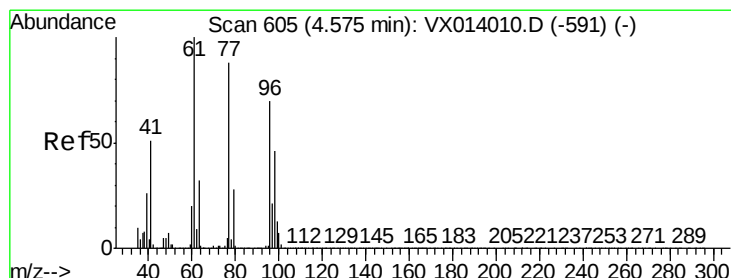
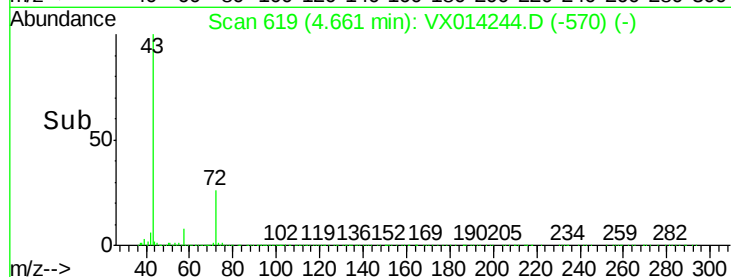
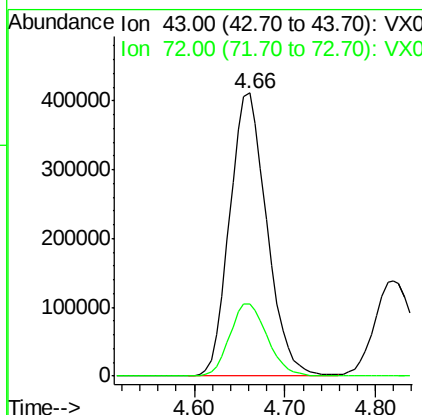
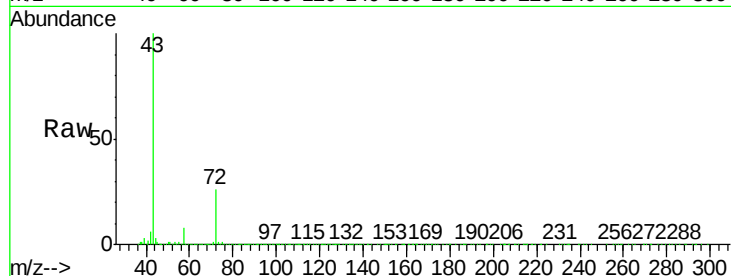




#25
2-Butanone
Concen: 261.422 ug/l
RT: 4.66 min Scan# 619
Delta R.T. 0.00 min
Lab File: VX014244.D
Acq: 24 Dec 2019 14:52

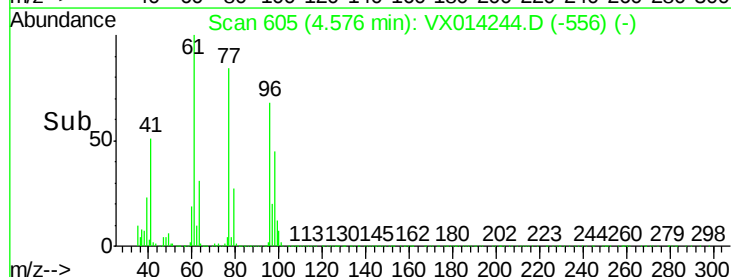
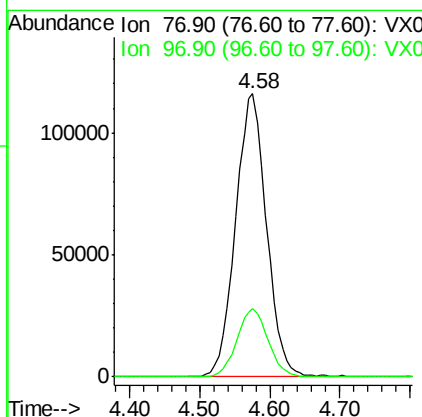
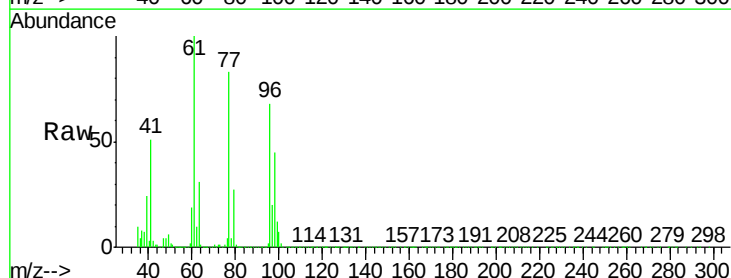
Instrument :
MSVOA_X
ClientSampleId :
C0B37MSD

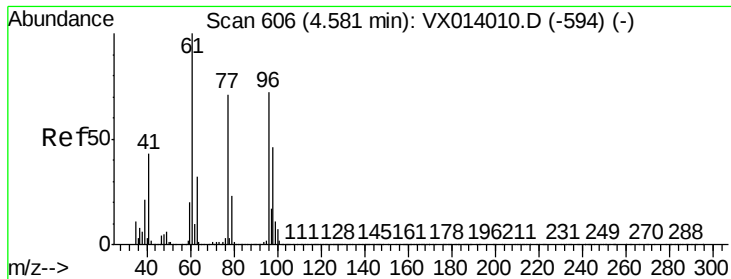
Tgt Ion: 43 Resp: 1164797
Ion Ratio Lower Upper
43 100
72 25.6 21.0 31.4



#26
2,2-Dichloropropane
Concen: 48.753 ug/l
RT: 4.58 min Scan# 605
Delta R.T. 0.00 min
Lab File: VX014244.D
Acq: 24 Dec 2019 14:52

Tgt Ion: 77 Resp: 354026
Ion Ratio Lower Upper
77 100
97 24.1 11.9 35.9



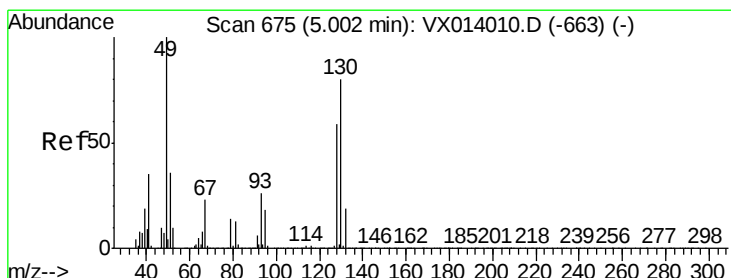
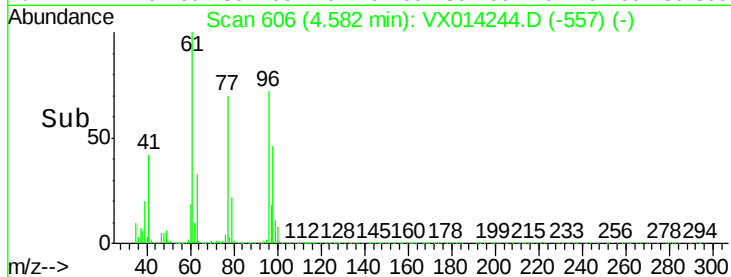
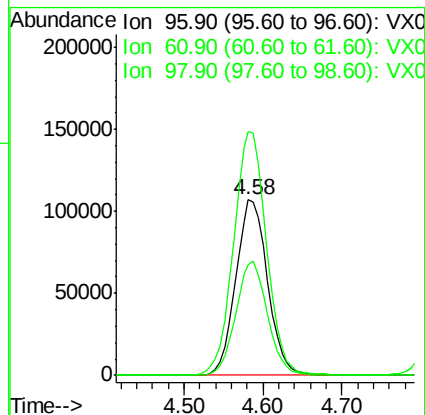
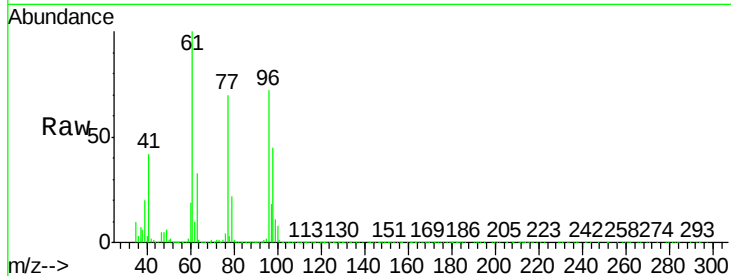


#27

cis-1,2-Dichloroethene
Concen: 51.084 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014244.D
Acq: 24 Dec 2019 14:52

Instrument :
MSVOA_X
ClientSampleId :
C0B37MSD

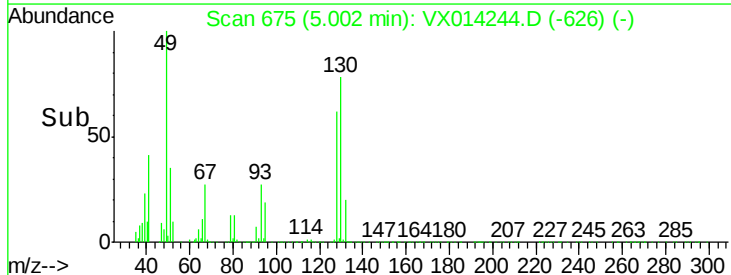
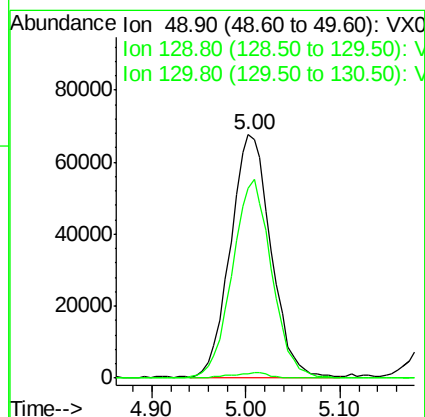
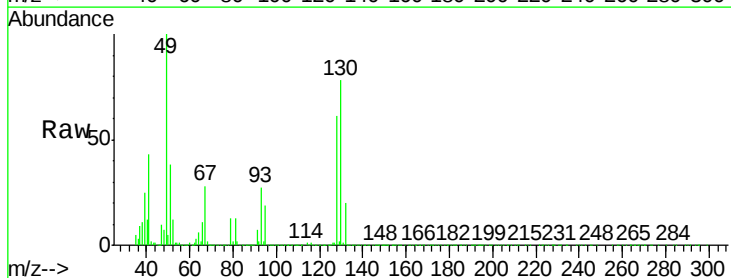
Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.6	0.0	288.4
98	64.3	0.0	129.6

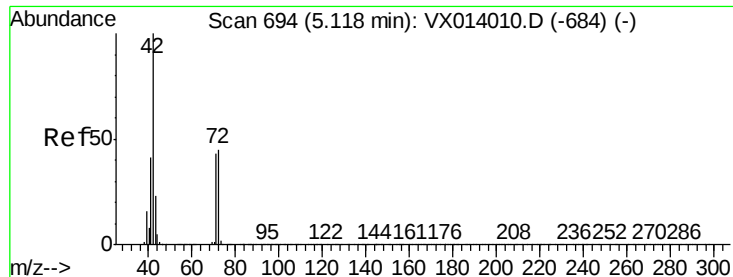


#28

Bromochloromethane
Concen: 55.893 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014244.D
Acq: 24 Dec 2019 14:52

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	5.0
130	80.1	64.6	97.0





#29

Tetrahydrofuran

Concen: 276.235 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX014244.D

Acq: 24 Dec 2019 14:52

Instrument :

MSVOA_X

ClientSampleId :

C0B37MSD

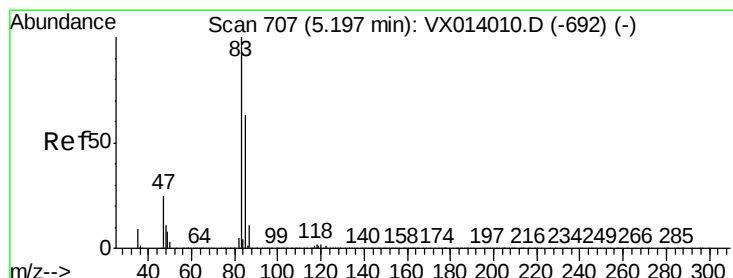
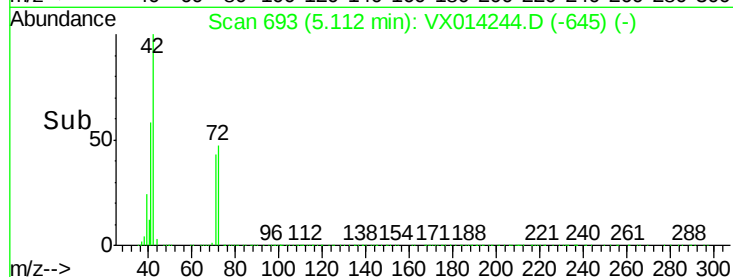
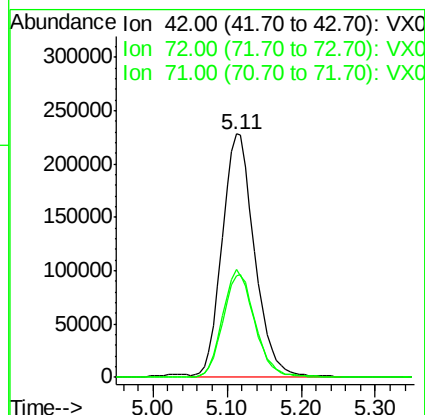
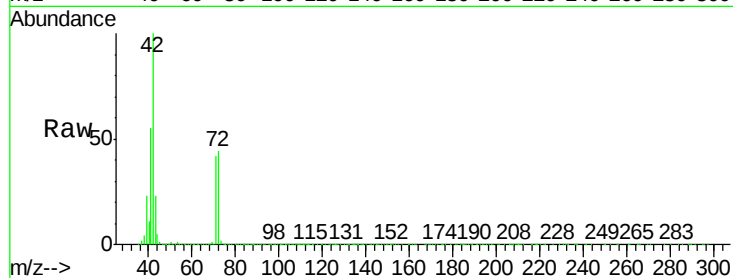
Tgt Ion: 42 Resp: 688417

Ion Ratio Lower Upper

42 100

72 44.5 35.8 53.8

71 41.6 33.6 50.4



#30

Chloroform

Concen: 51.804 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.01 min

Lab File: VX014244.D

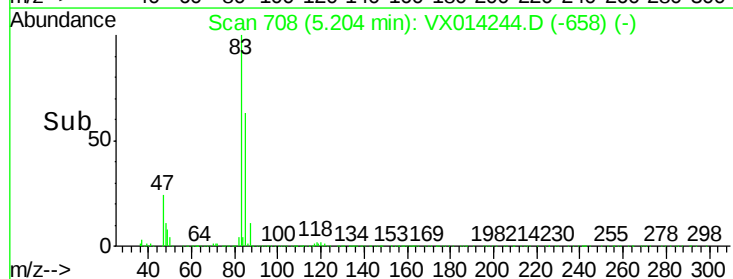
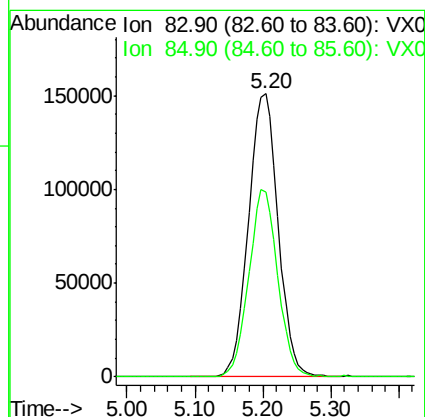
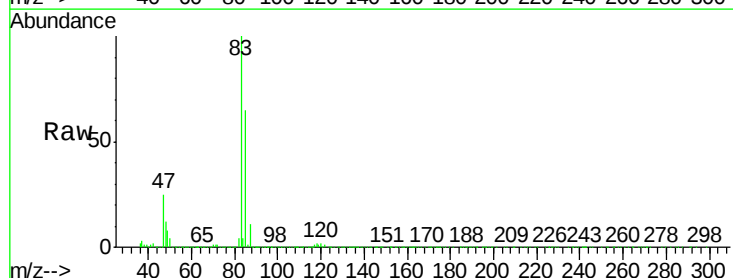
Acq: 24 Dec 2019 14:52

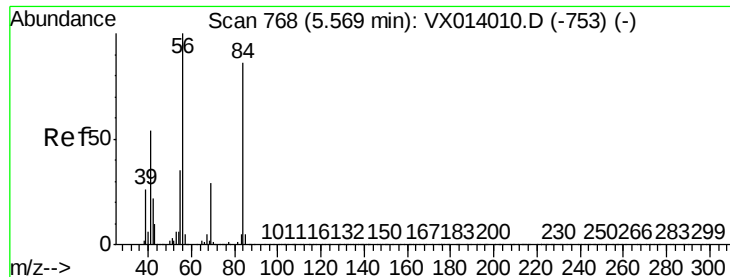
Tgt Ion: 83 Resp: 459299

Ion Ratio Lower Upper

83 100

85 65.1 50.8 76.2

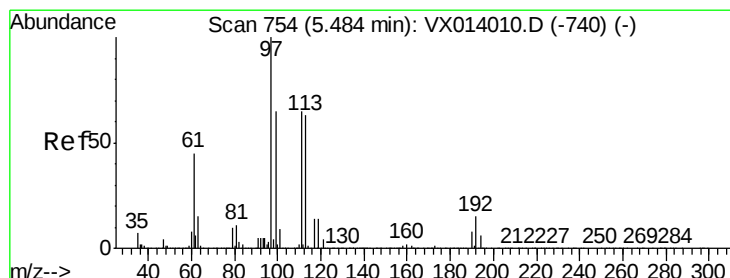
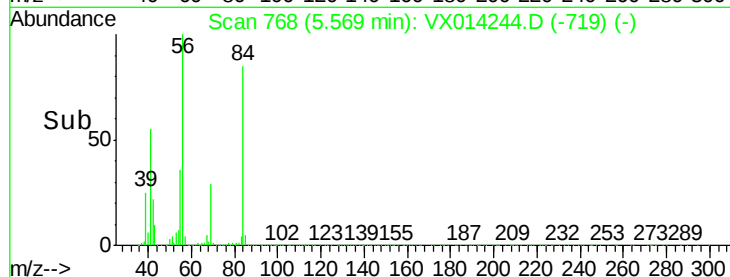
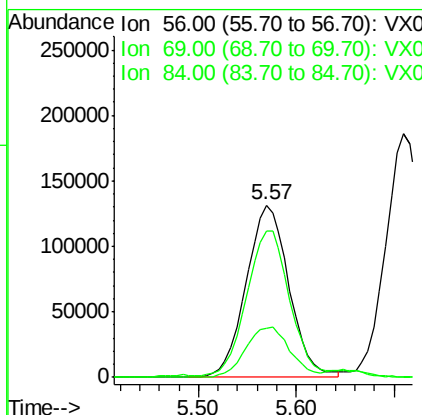
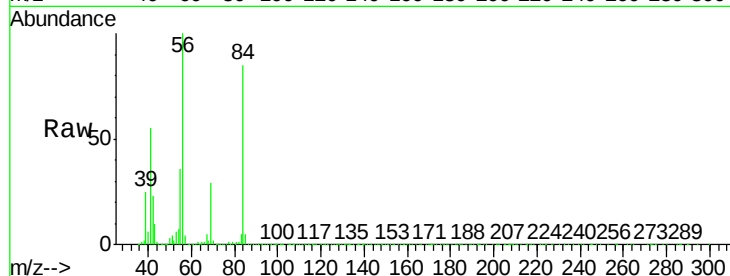




#31
Cyclohexane
Concen: 47.812 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014244.D
Acq: 24 Dec 2019 14:52

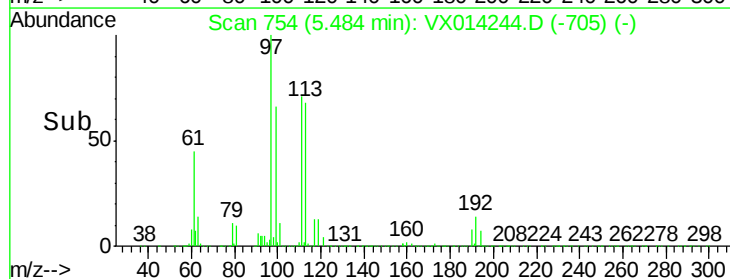
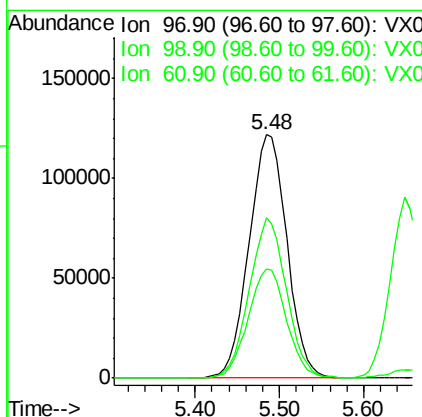
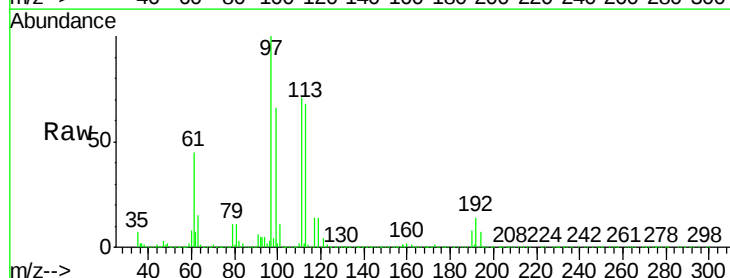
Instrument :
MSVOA_X
ClientSampleId :
C0B37MSD

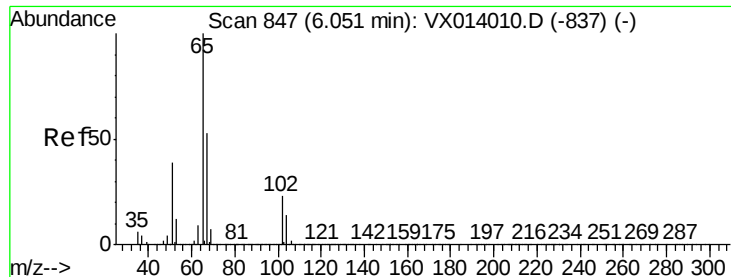
Tgt Ion: 56 Resp: 397711
Ion Ratio Lower Upper
56 100
69 28.6 23.2 34.8
84 84.3 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 49.506 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014244.D
Acq: 24 Dec 2019 14:52

Tgt Ion: 97 Resp: 374088
Ion Ratio Lower Upper
97 100
99 64.0 52.0 78.0
61 45.3 36.7 55.1





#33

1,2-Dichloroethane-d4

Concen: 52.845 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014244.D

Acq: 24 Dec 2019 14:52

Instrument :

MSVOA_X

ClientSampleId :

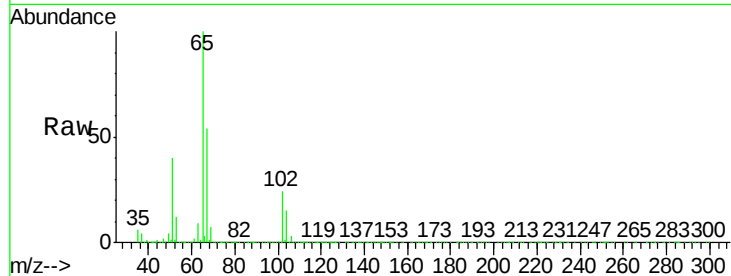
C0B37MSD

Tgt Ion: 65 Resp: 294172

Ion Ratio Lower Upper

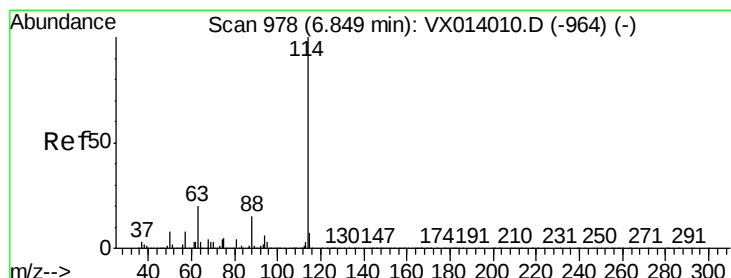
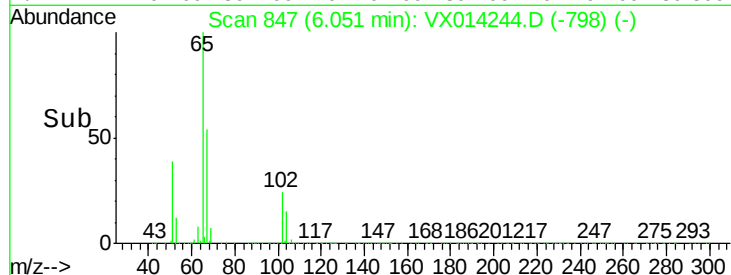
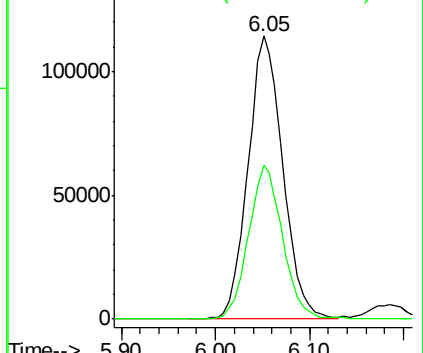
65 100

67 52.7 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014244.D

Acq: 24 Dec 2019 14:52

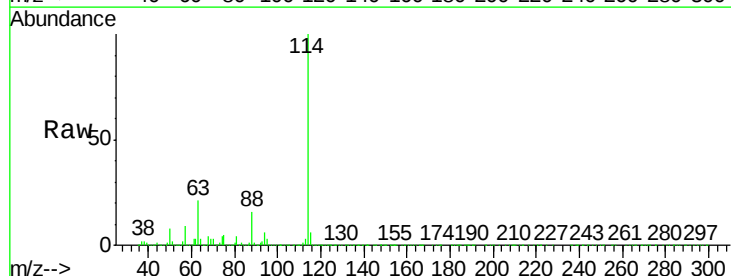
Tgt Ion: 114 Resp: 770560

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

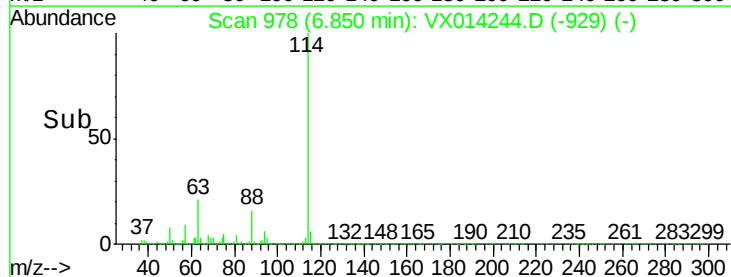
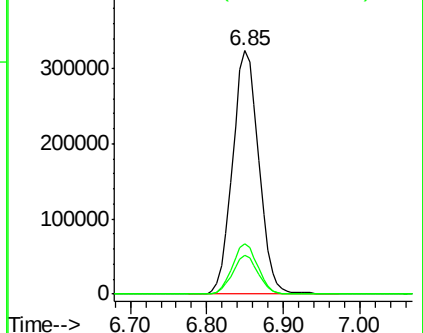
88 15.7 0.0 30.4

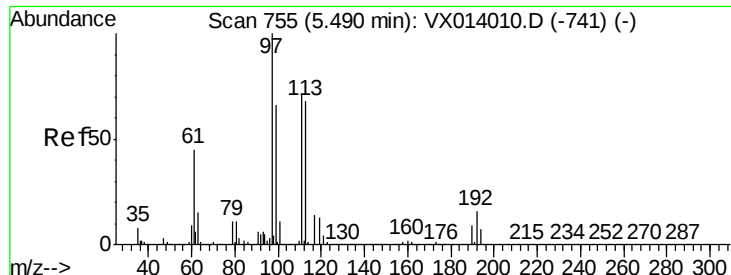


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

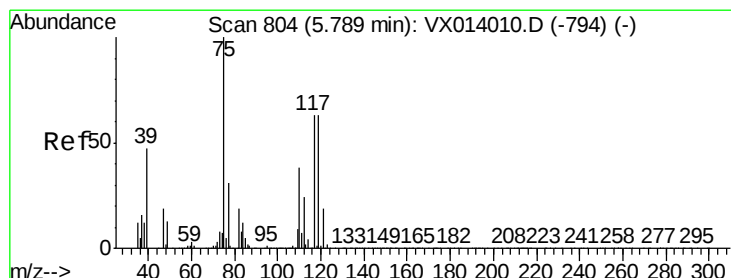
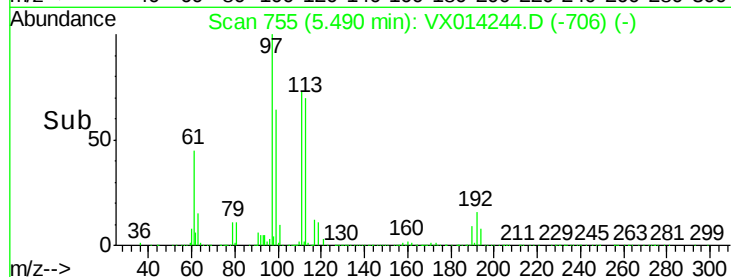
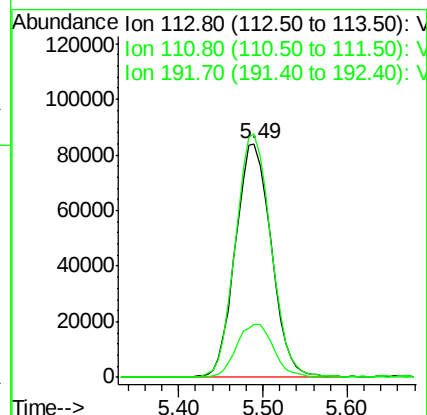
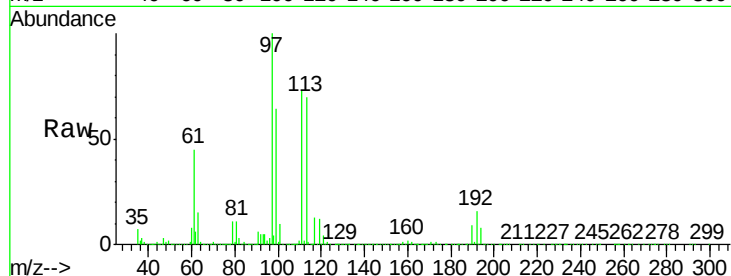




#35
Dibromofluoromethane
Concen: 51.888 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014244.D
Acq: 24 Dec 2019 14:52

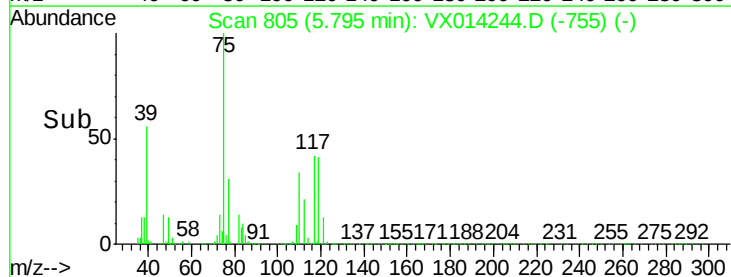
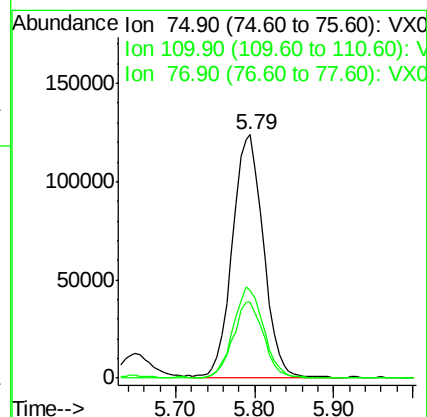
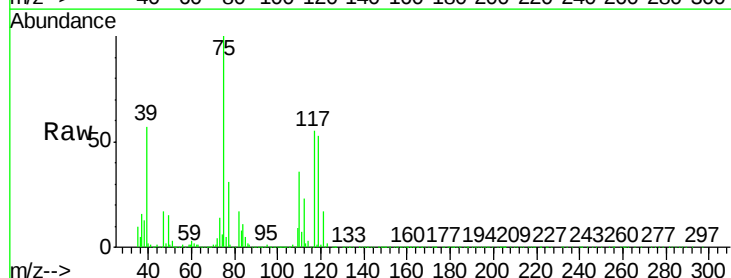
Instrument :
MSVOA_X
ClientSampleId :
C0B37MSD

Tgt Ion: 113 Resp: 243052
Ion Ratio Lower Upper
113 100
111 102.5 82.0 123.0
192 23.4 19.3 28.9



#36
1,1-Dichloropropene
Concen: 47.487 ug/l
RT: 5.79 min Scan# 805
Delta R.T. 0.01 min
Lab File: VX014244.D
Acq: 24 Dec 2019 14:52

Tgt Ion: 75 Resp: 335749
Ion Ratio Lower Upper
75 100
110 37.1 18.3 54.9
77 30.6 24.8 37.2

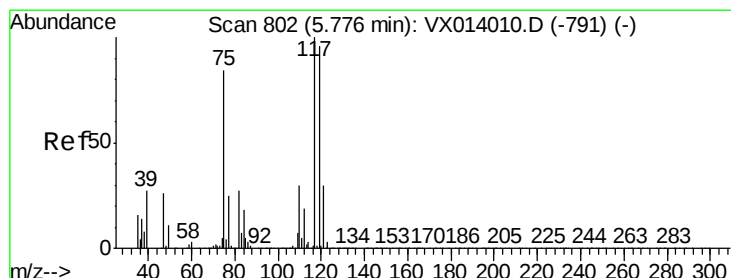
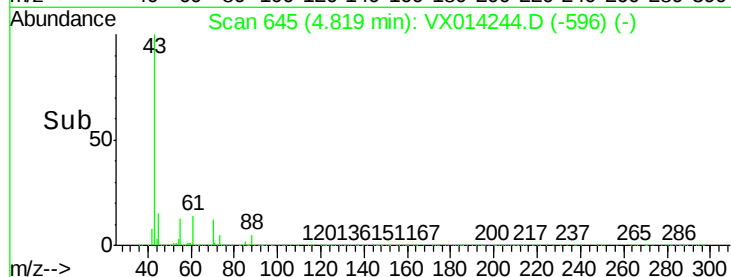
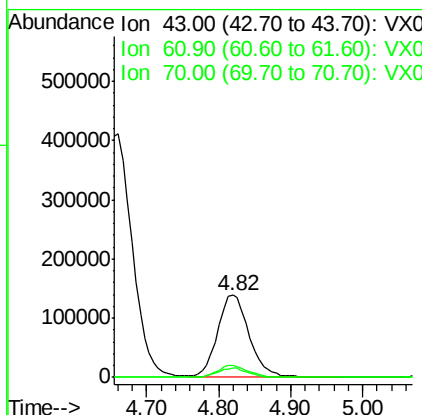
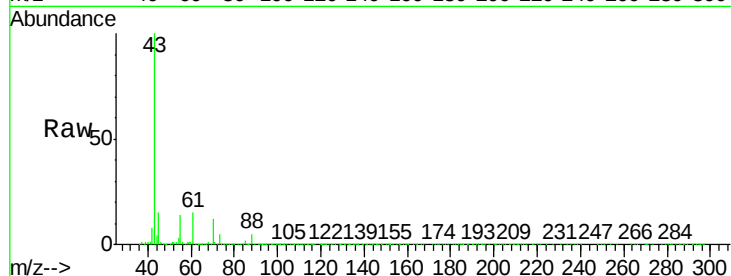




#37
Ethyl Acetate
Concen: 53.555 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014244.D
Acq: 24 Dec 2019 14:52

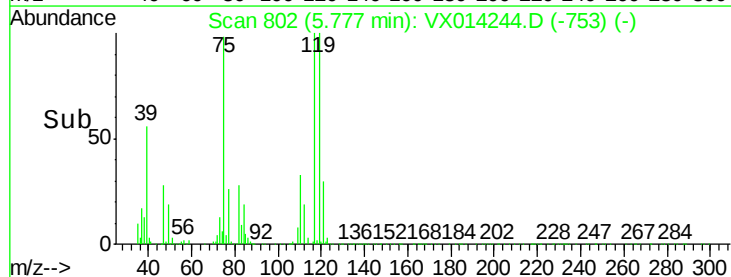
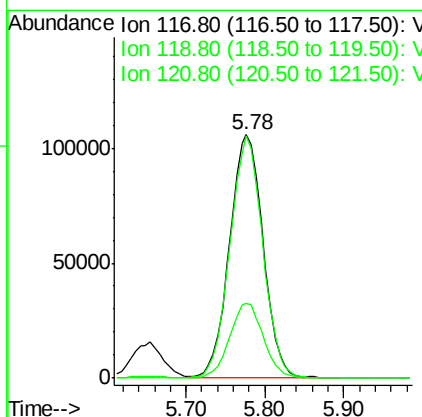
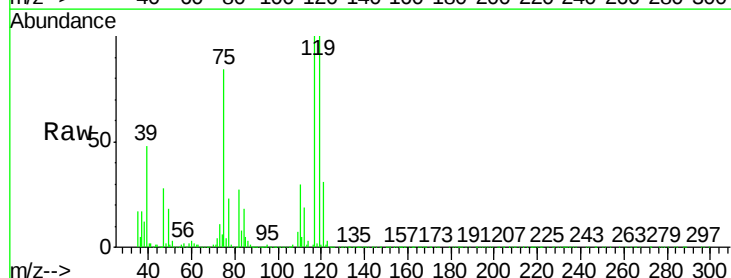
Instrument :
MSVOA_X
ClientSampleId :
C0B37MSD

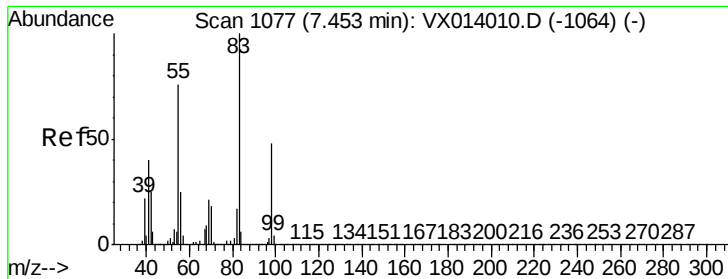
Tgt Ion:	43	Resp:	418137
Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.8	16.2
70	10.8	8.6	12.8



#38
Carbon Tetrachloride
Concen: 48.554 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014244.D
Acq: 24 Dec 2019 14:52

Tgt Ion:	117	Resp:	312737
Ion	Ratio	Lower	Upper
117	100		
119	99.5	76.2	114.4
121	30.3	23.6	35.4

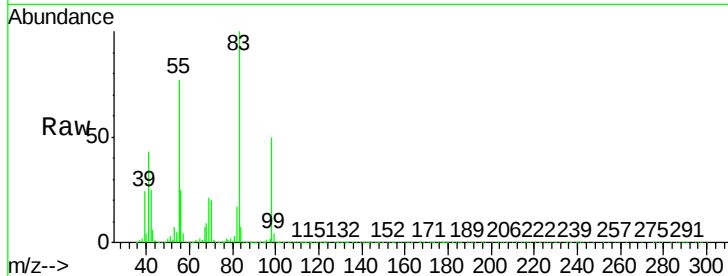




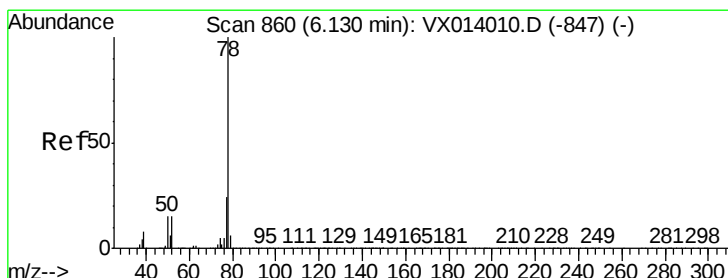
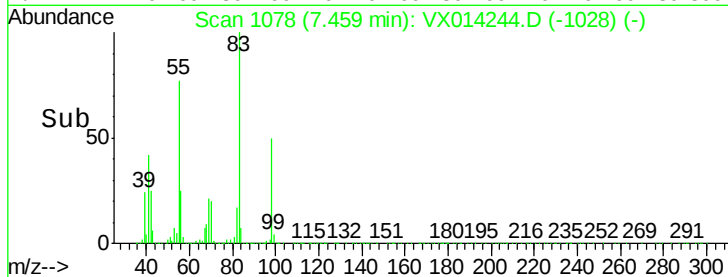
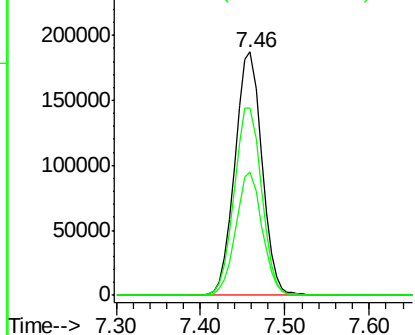
#39
Methylcyclohexane
Concen: 46.306 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014244.D
Acq: 24 Dec 2019 14:52

Instrument :
MSVOA_X
ClientSampleId :
C0B37MSD

Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.1	61.0	91.6
98	50.4	38.6	57.8

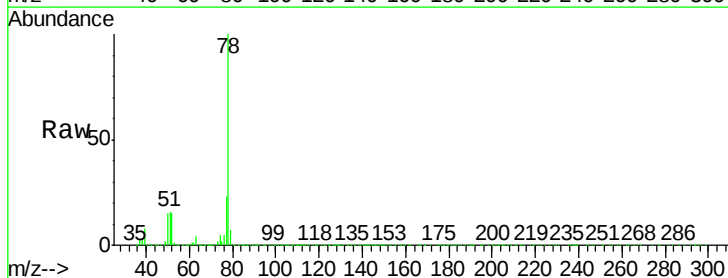


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

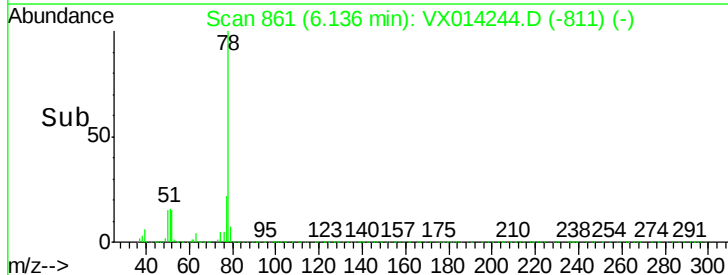
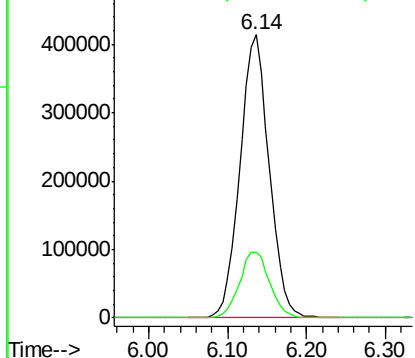


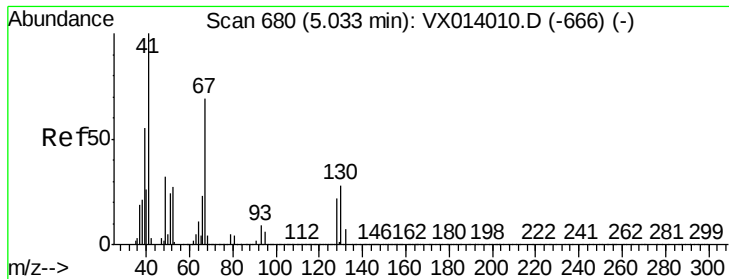
#40
Benzene
Concen: 48.893 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014244.D
Acq: 24 Dec 2019 14:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.8	28.2



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 53.368 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.00 min

Lab File: VX014244.D

Acq: 24 Dec 2019 14:52

Instrument :

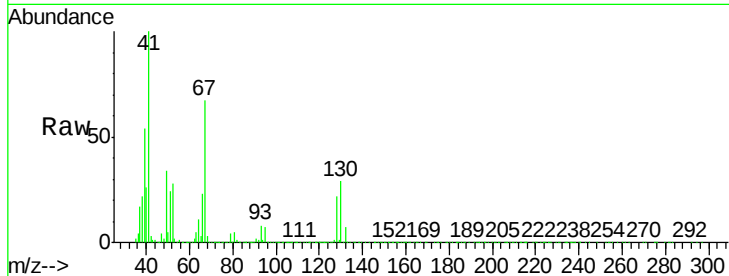
MSVOA_X

ClientSampleId :

C0B37MSD

Tgt Ion: 41 Resp: 231195

Ion	Ratio	Lower	Upper
41	100		
39	54.1	44.5	66.7
67	70.2	57.4	86.0
52	27.8	23.0	34.4

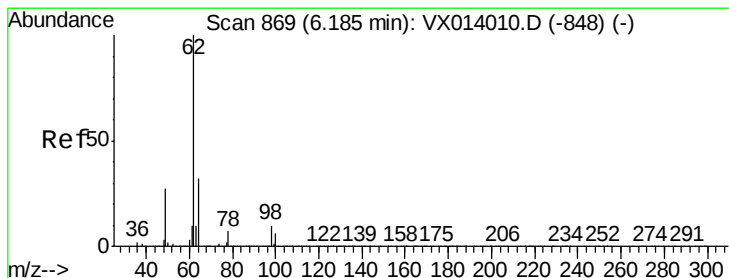
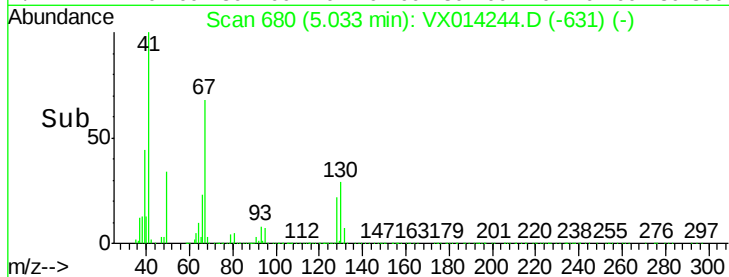
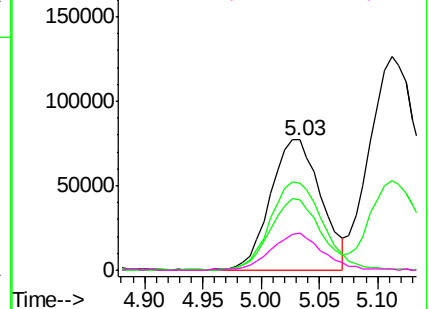


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 50.597 ug/l

RT: 6.19 min Scan# 869

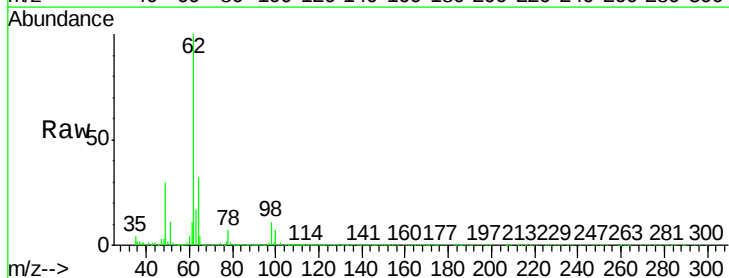
Delta R.T. 0.00 min

Lab File: VX014244.D

Acq: 24 Dec 2019 14:52

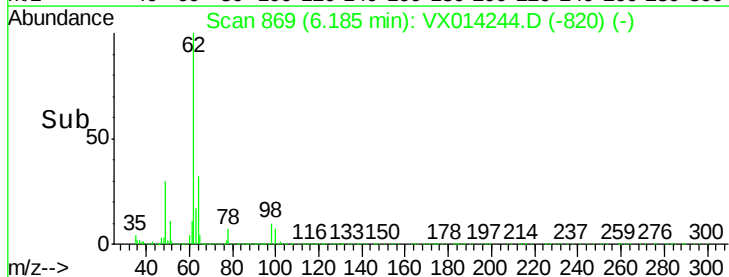
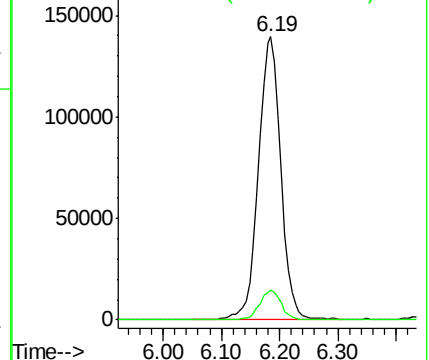
Tgt Ion: 62 Resp: 373118

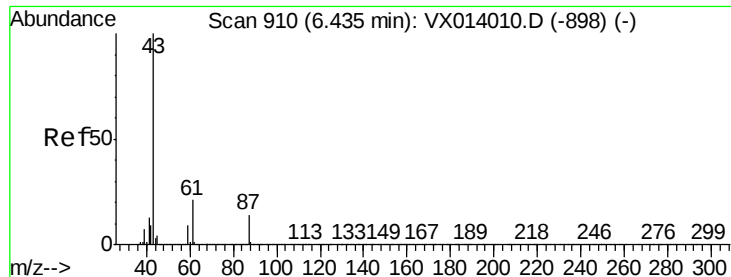
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	21.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 53.191 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014244.D

Acq: 24 Dec 2019 14:52

Instrument :

MSVOA_X

ClientSampleId :

C0B37MSD

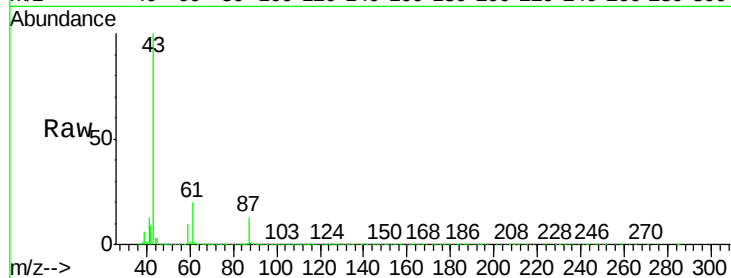
Tgt Ion: 43 Resp: 687290

Ion Ratio Lower Upper

43 100

61 20.2 16.4 24.6

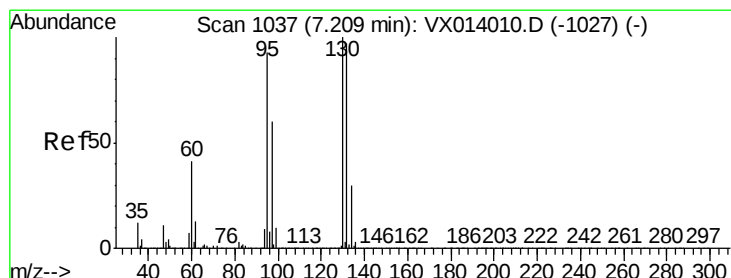
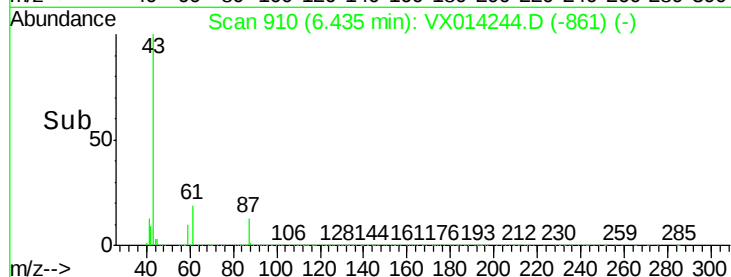
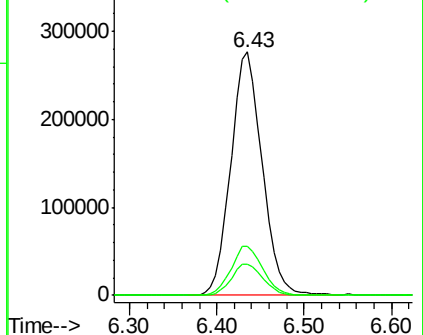
87 13.0 10.7 16.1



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: 57.871 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014244.D

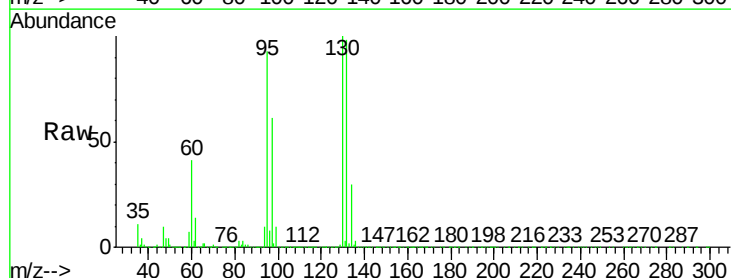
Acq: 24 Dec 2019 14:52

Tgt Ion: 130 Resp: 347734

Ion Ratio Lower Upper

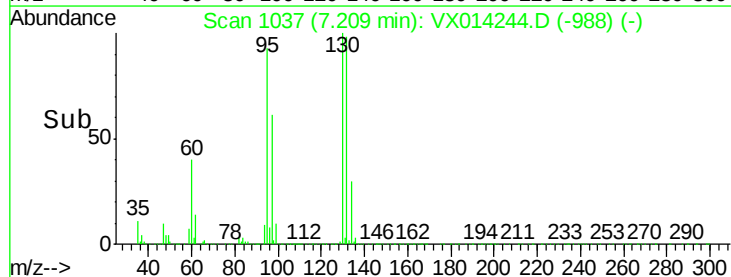
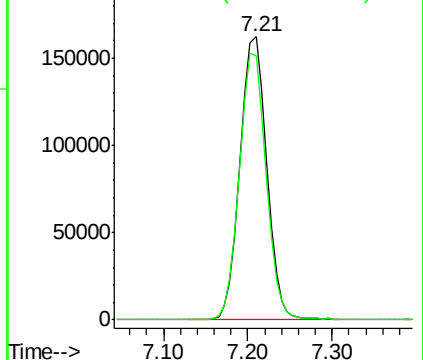
130 100

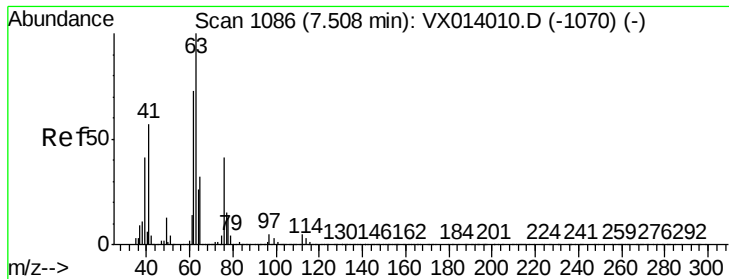
95 93.2 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

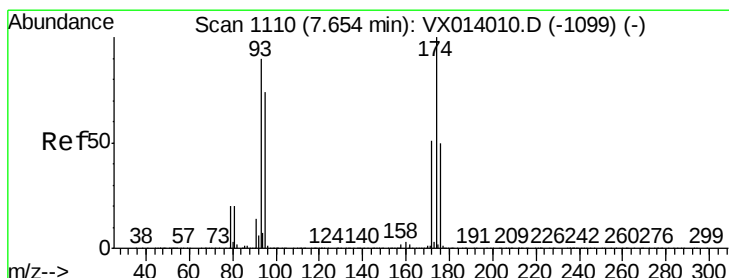
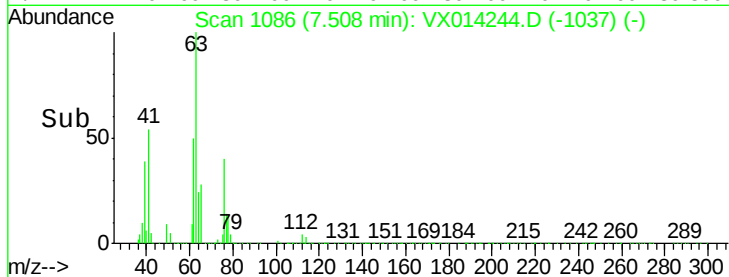
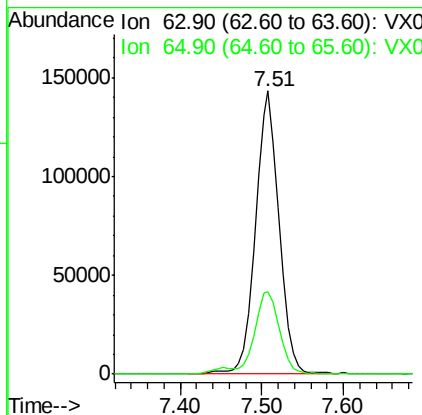
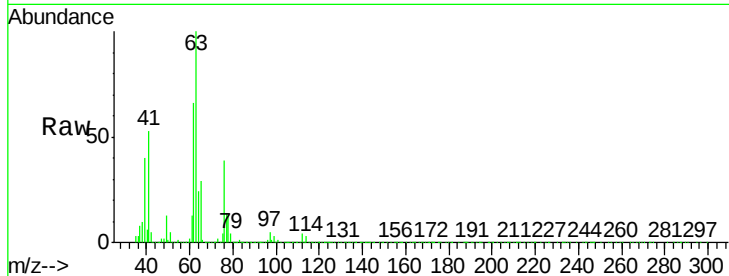




#45
 1,2-Dichloropropane
 Concen: 51.878 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014244.D
 Acq: 24 Dec 2019 14:52

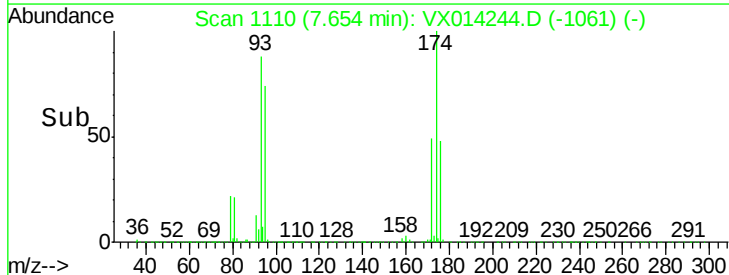
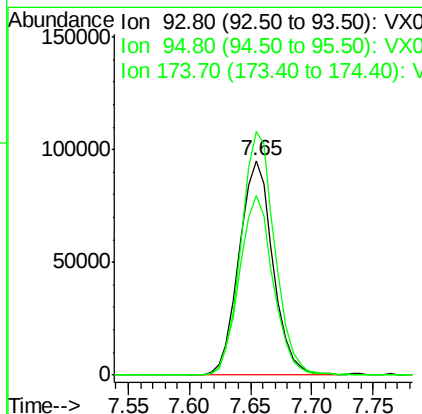
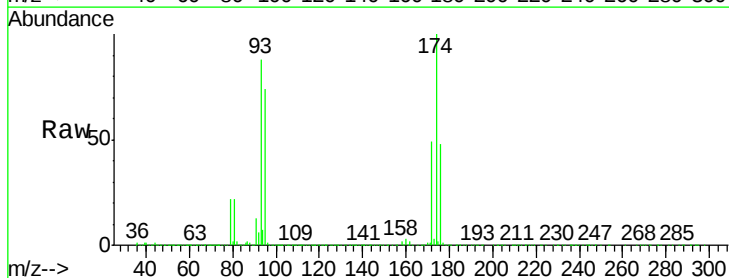
Instrument :
 MSVOA_X
 ClientSampleId :
 C0B37MSD

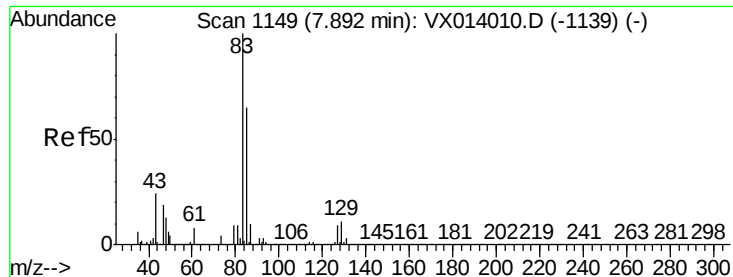
Tgt Ion: 63 Resp: 289265
 Ion Ratio Lower Upper
 63 100
 65 29.1 25.8 38.8



#46
 Dibromomethane
 Concen: 49.274 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014244.D
 Acq: 24 Dec 2019 14:52

Tgt Ion: 93 Resp: 181649
 Ion Ratio Lower Upper
 93 100
 95 83.6 67.3 100.9
 174 113.7 91.6 137.4





#47

Bromodichloromethane

Concen: 51.348 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014244.D

Acq: 24 Dec 2019 14:52

Instrument :

MSVOA_X

ClientSampleId :

C0B37MSD

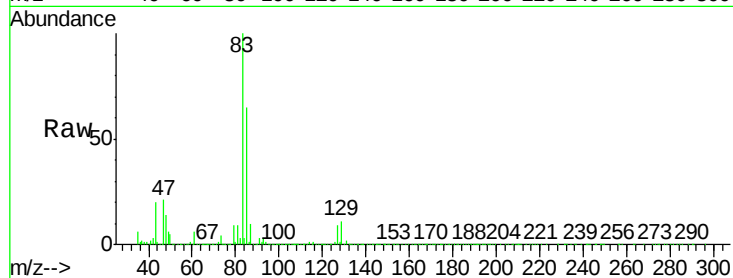
Tgt Ion: 83 Resp: 356504

Ion Ratio Lower Upper

83 100

85 65.3 51.8 77.8

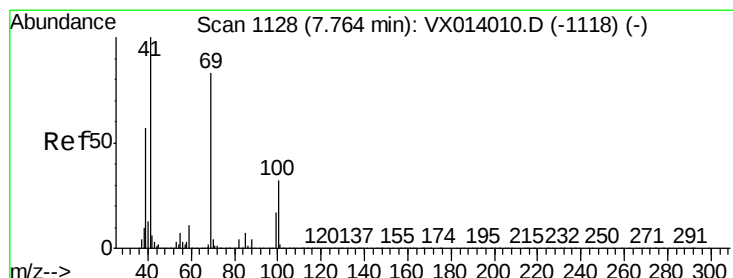
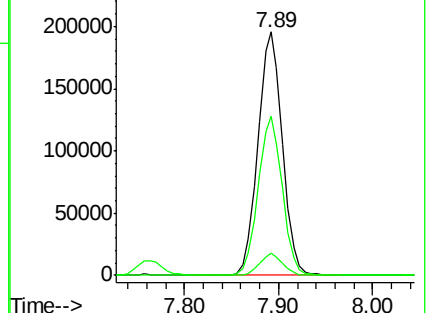
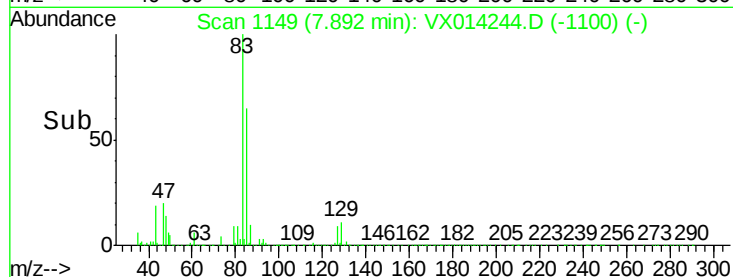
127 9.0 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 53.075 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014244.D

Acq: 24 Dec 2019 14:52

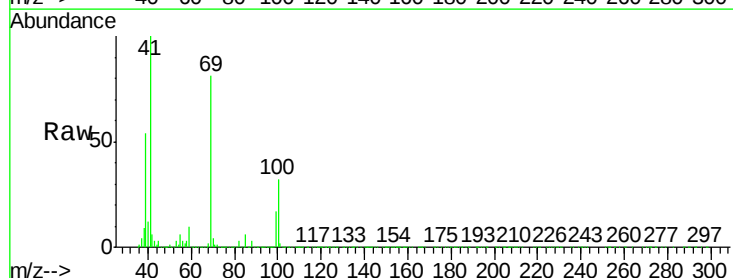
Tgt Ion: 41 Resp: 335812

Ion Ratio Lower Upper

41 100

69 81.5 65.8 98.6

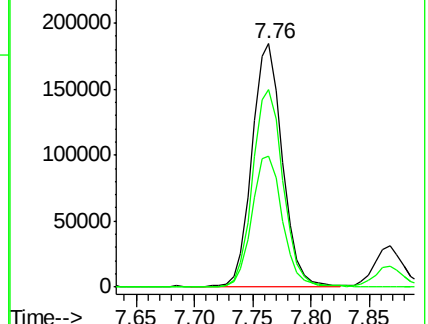
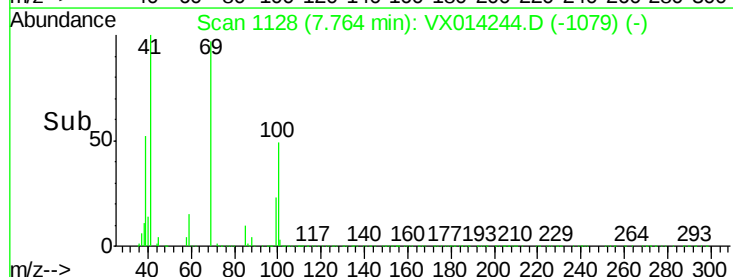
39 54.3 44.6 67.0

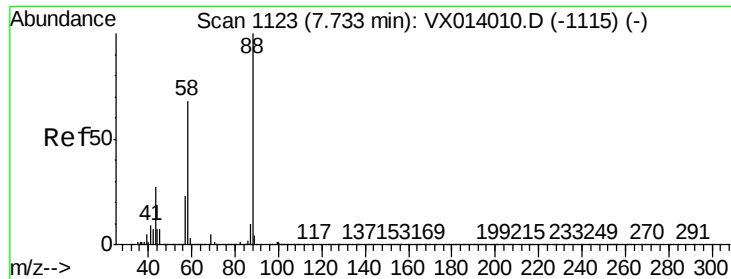


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 966.079 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX014244.D

Acq: 24 Dec 2019 14:52

Instrument :

MSVOA_X

ClientSampleId :

C0B37MSD

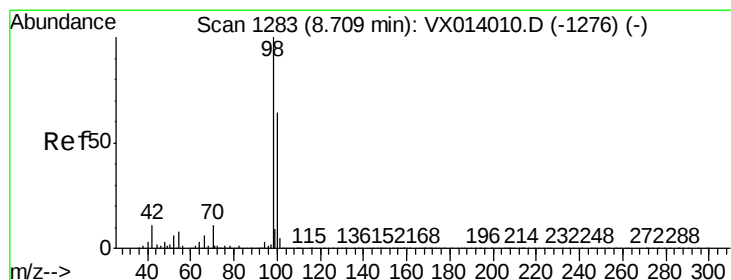
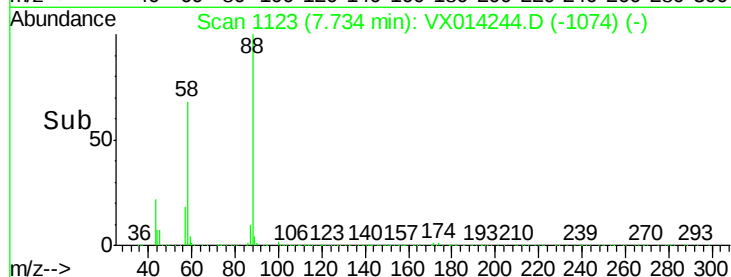
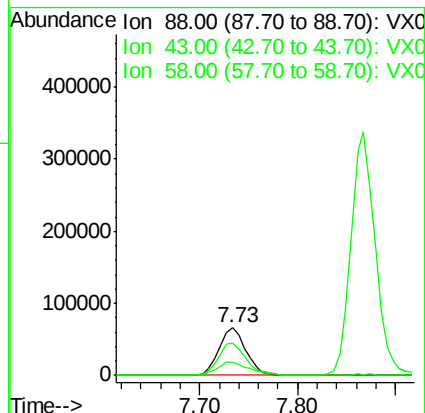
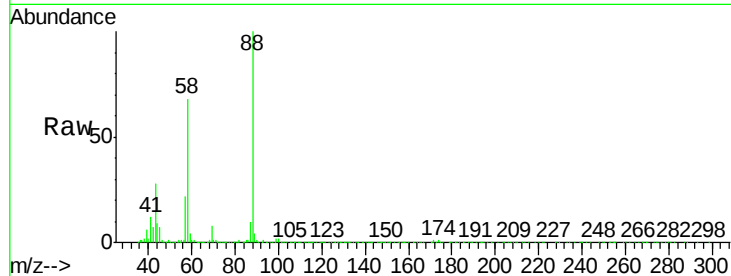
Tgt Ion: 88 Resp: 124392

Ion Ratio Lower Upper

88 100

43 33.3 26.5 39.7

58 72.4 56.8 85.2



#50

Toluene-d8

Concen: 50.815 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014244.D

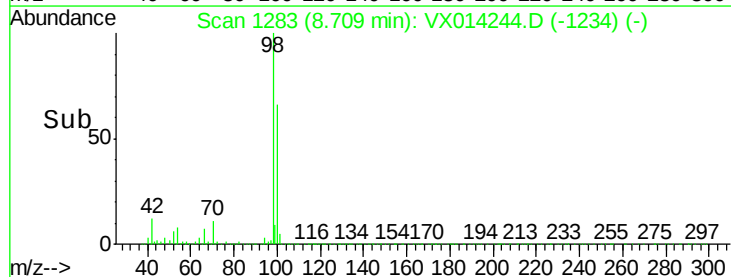
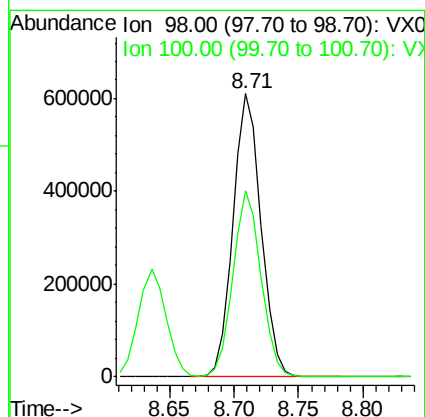
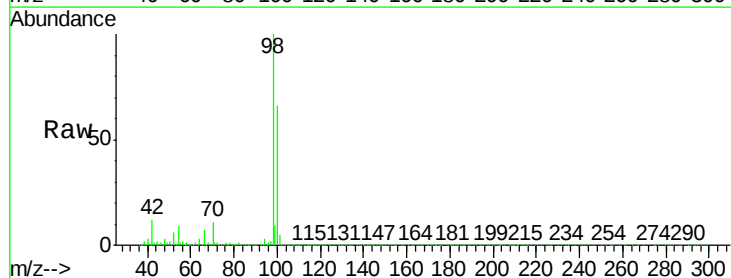
Acq: 24 Dec 2019 14:52

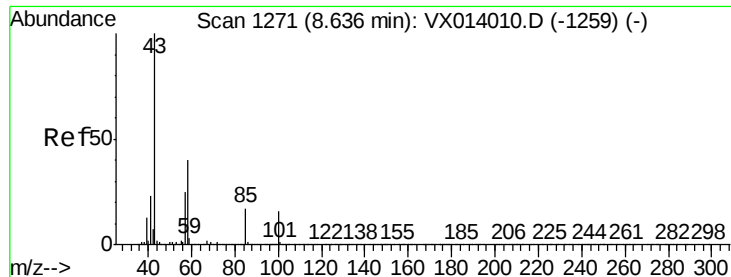
Tgt Ion: 98 Resp: 926697

Ion Ratio Lower Upper

98 100

100 65.7 52.9 79.3

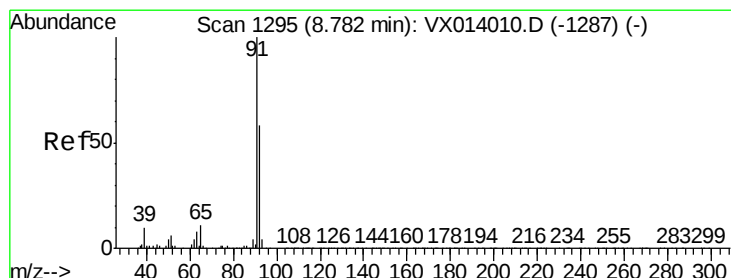
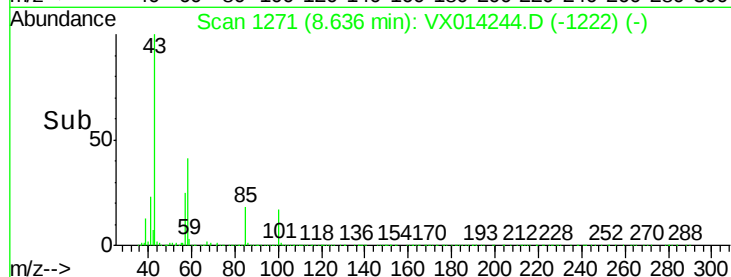
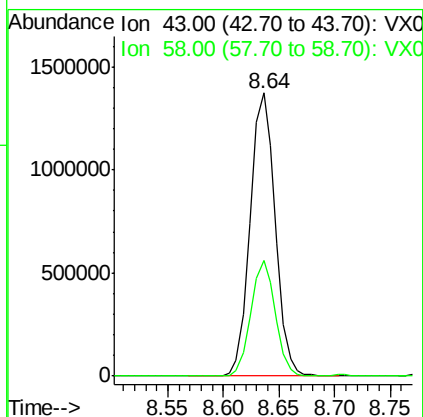
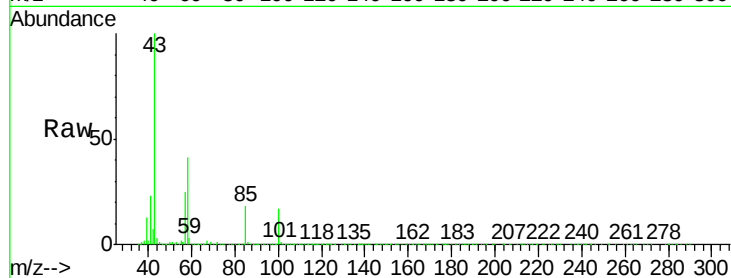




#51
4-Methyl-2-Pentanone
Concen: 265.779 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014244.D
Acq: 24 Dec 2019 14:52

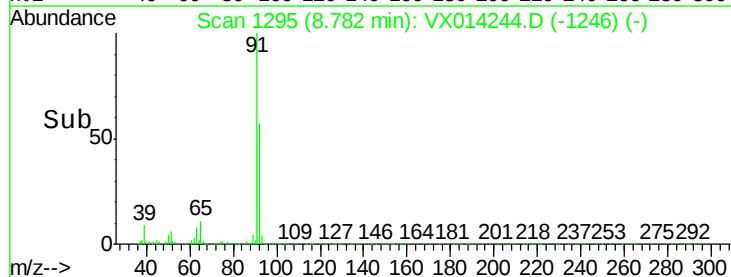
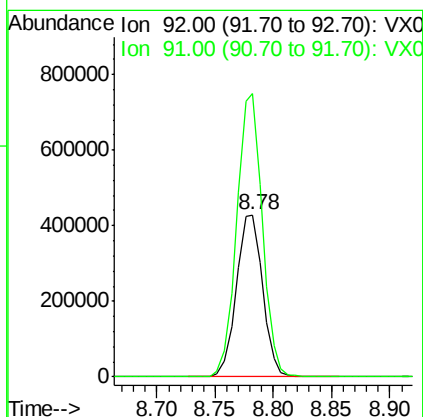
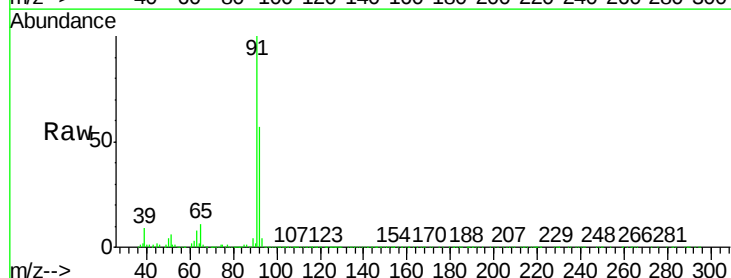
Instrument :
MSVOA_X
ClientSampleId :
C0B37MSD

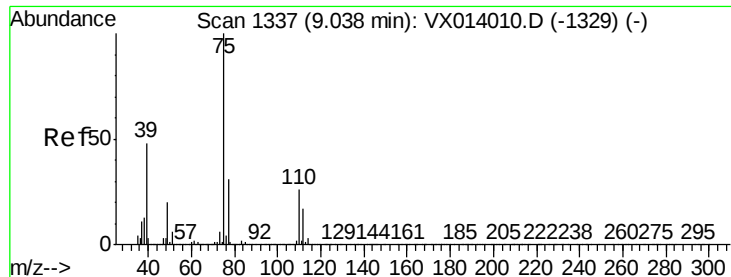
Tgt Ion: 43 Resp: 2156734
Ion Ratio Lower Upper
43 100
58 39.8 32.2 48.2



#52
Toluene
Concen: 48.977 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX014244.D
Acq: 24 Dec 2019 14:52

Tgt Ion: 92 Resp: 673458
Ion Ratio Lower Upper
92 100
91 170.8 136.2 204.4

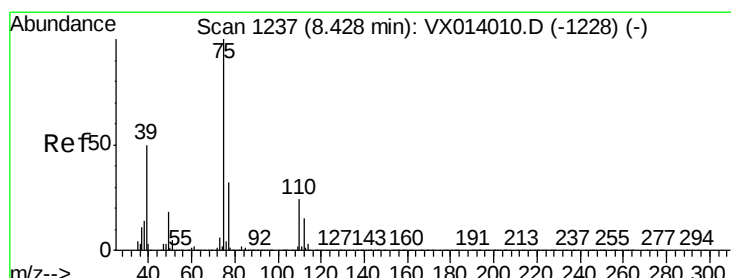
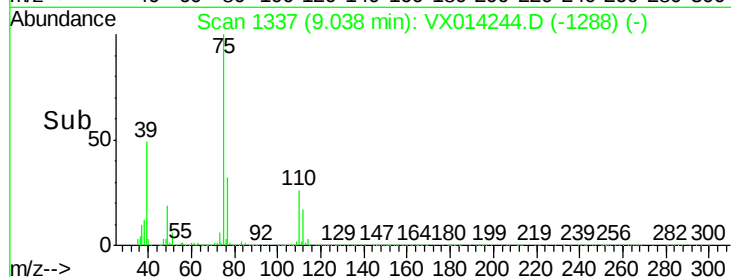
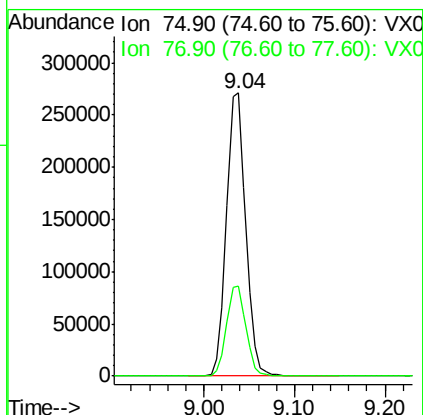
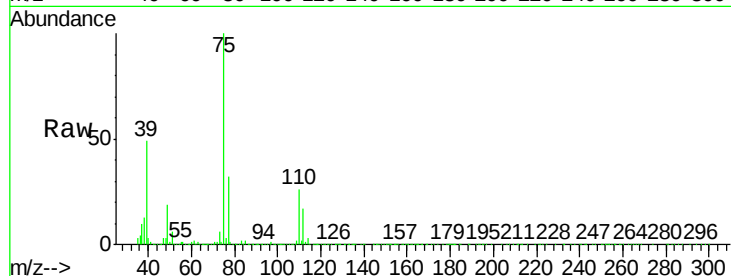




#53
t-1,3-Dichloropropene
Concen: 52.652 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014244.D
Acq: 24 Dec 2019 14:52

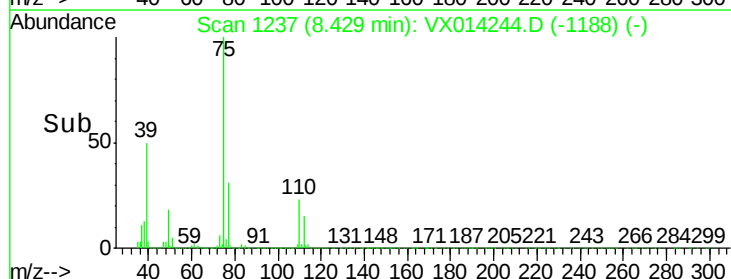
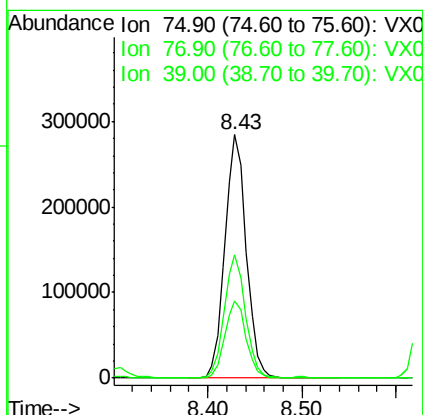
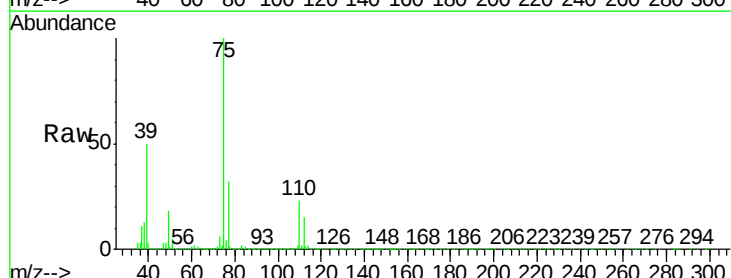
Instrument :
MSVOA_X
ClientSampleId :
C0B37MSD

Tgt Ion: 75 Resp: 400839
Ion Ratio Lower Upper
75 100
77 31.7 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 52.807 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014244.D
Acq: 24 Dec 2019 14:52

Tgt Ion: 75 Resp: 447881
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9
39 50.3 39.9 59.9

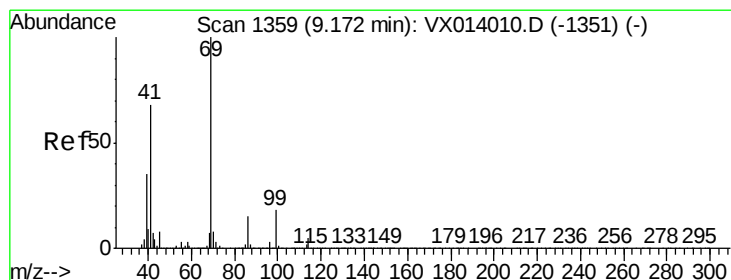
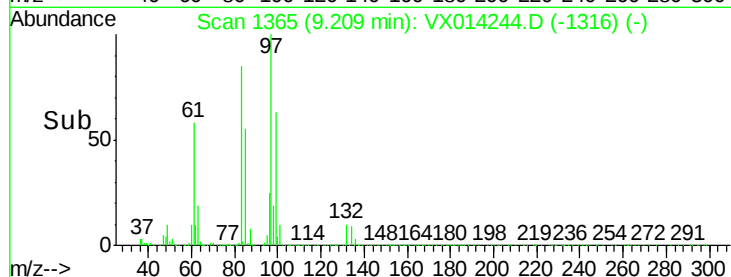
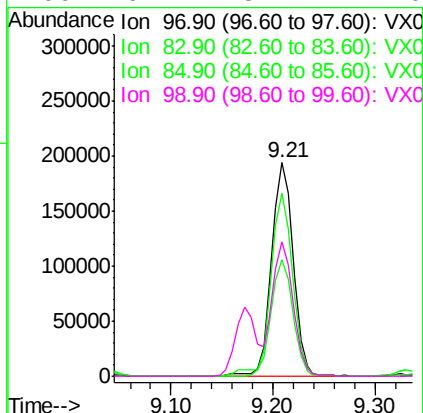
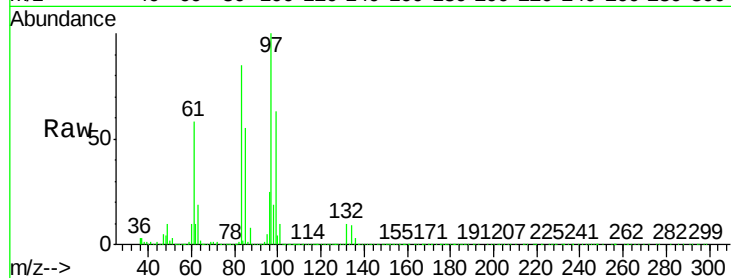




#55
 1,1,2-Trichloroethane
 Concen: 51.274 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014244.D
 Acq: 24 Dec 2019 14:52

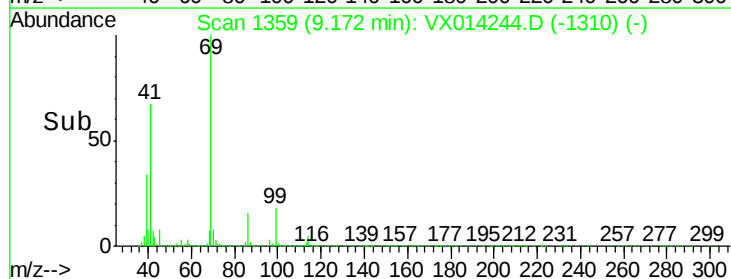
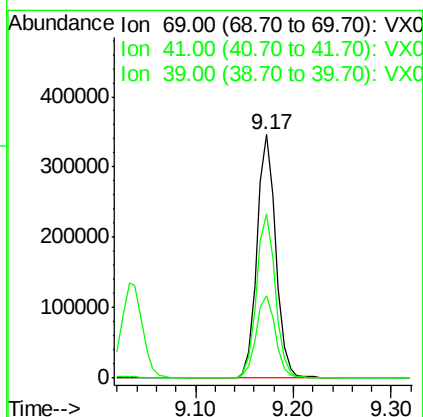
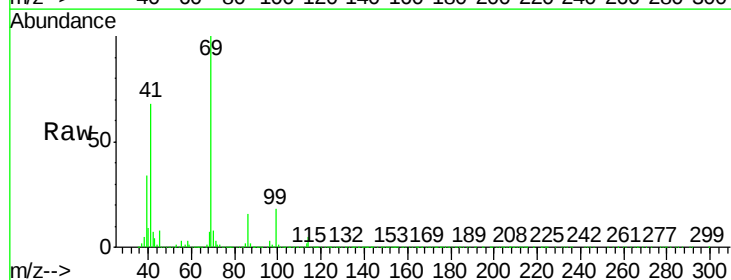
Instrument :
 MSVOA_X
 ClientSampleId :
 C0B37MSD

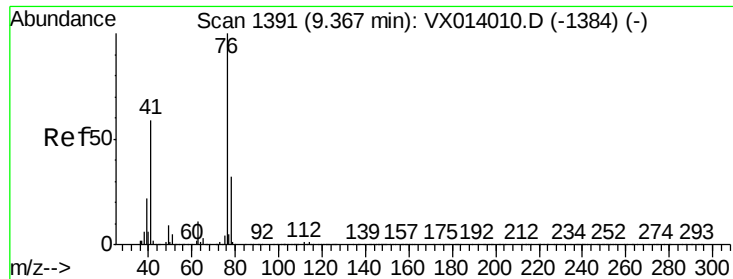
Tgt Ion:	97	Resp:	282571
Ion	Ratio	Lower	Upper
97	100		
83	85.5	68.2	102.4
85	54.6	44.6	66.8
99	62.7	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 53.060 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014244.D
 Acq: 24 Dec 2019 14:52

Tgt Ion:	69	Resp:	459330
Ion	Ratio	Lower	Upper
69	100		
41	68.2	54.8	82.2
39	35.2	28.3	42.5





#57

1,3-Dichloropropane

Concen: 51.475 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014244.D

Acq: 24 Dec 2019 14:52

Instrument :

MSVOA_X

ClientSampleId :

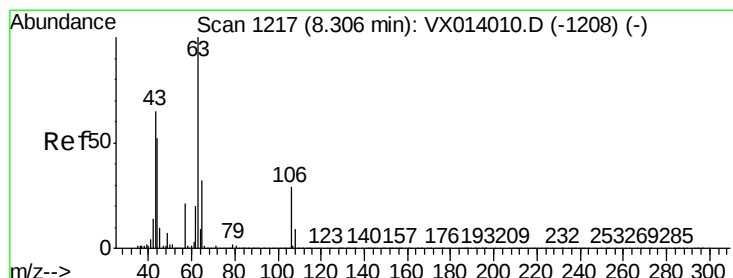
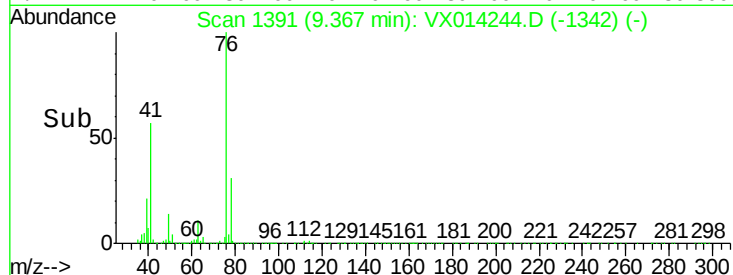
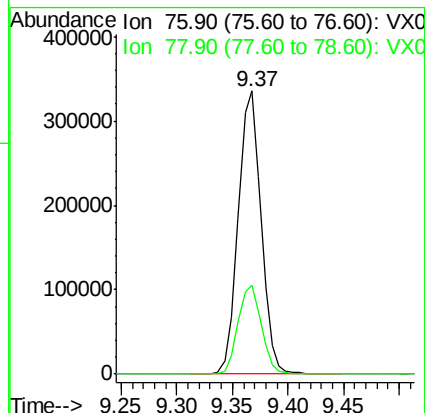
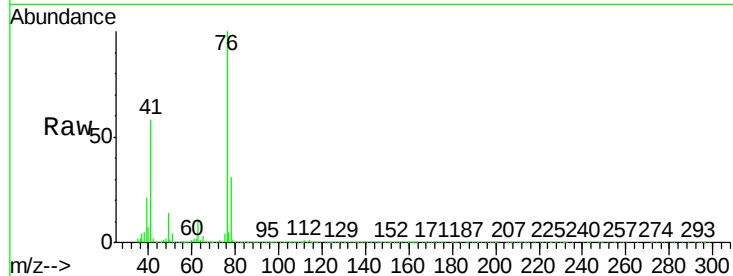
C0B37MSD

Tgt Ion: 76 Resp: 477291

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 279.135 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014244.D

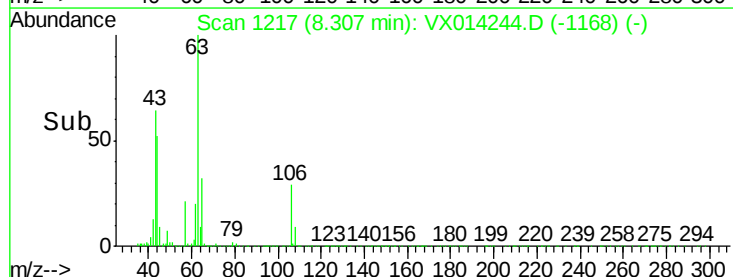
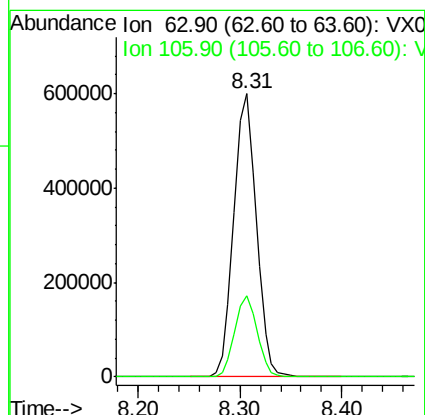
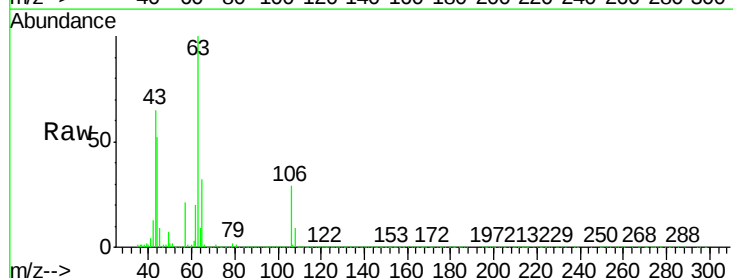
Acq: 24 Dec 2019 14:52

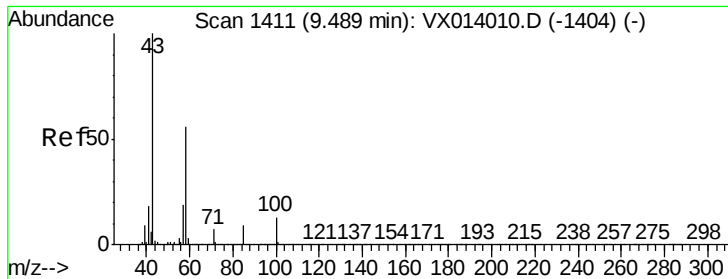
Tgt Ion: 63 Resp: 914468

Ion Ratio Lower Upper

63 100

106 28.7 23.0 34.6

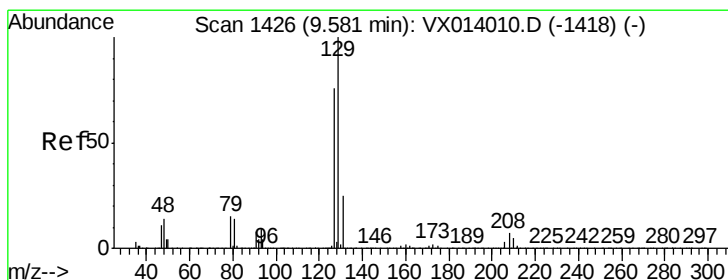
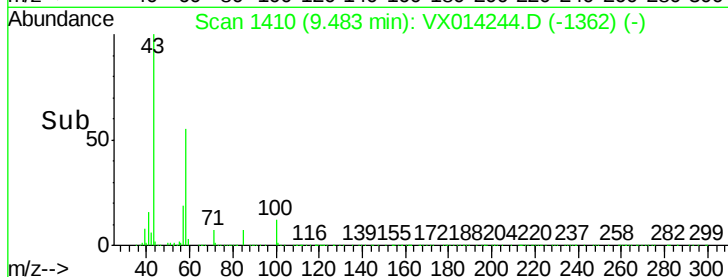
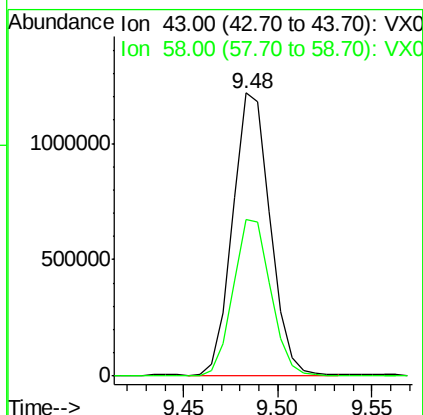
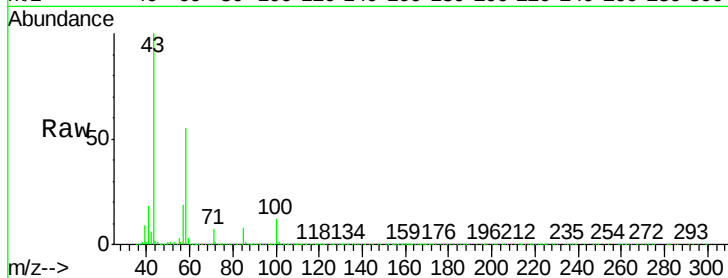




#59
2-Hexanone
Concen: 254.975 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014244.D
Acq: 24 Dec 2019 14:52

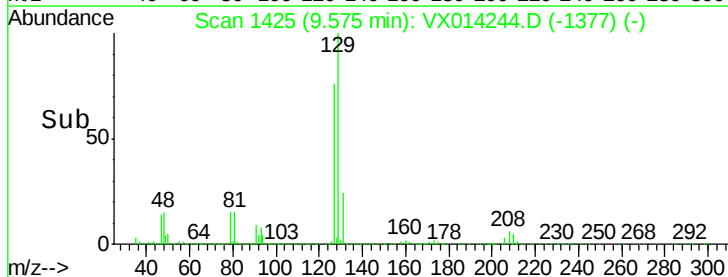
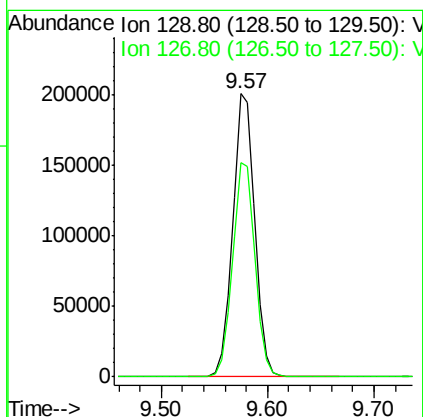
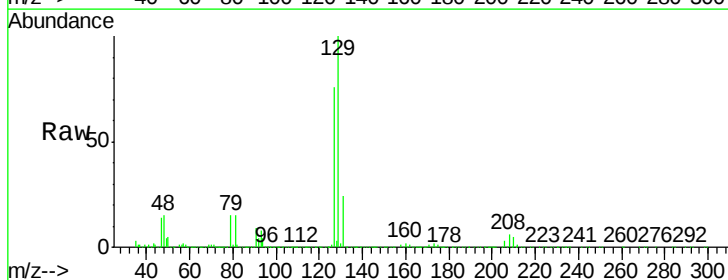
Instrument :
MSVOA_X
ClientSampleId :
C0B37MSD

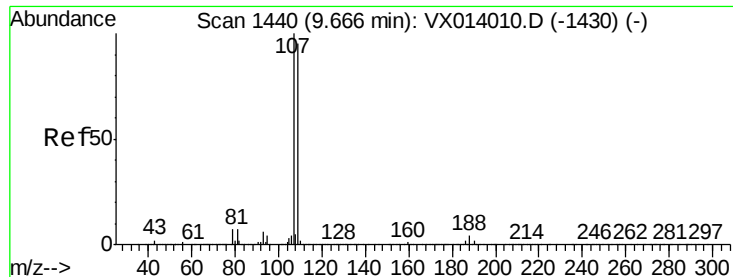
Tgt Ion: 43 Resp: 1665604
Ion Ratio Lower Upper
43 100
58 56.4 28.0 84.0



#60
Dibromochloromethane
Concen: 52.986 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014244.D
Acq: 24 Dec 2019 14:52

Tgt Ion: 129 Resp: 290259
Ion Ratio Lower Upper
129 100
127 77.4 38.4 115.2





#61

1,2-Dibromoethane

Concen: 52.026 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014244.D

Acq: 24 Dec 2019 14:52

Instrument :

MSVOA_X

ClientSampleId :

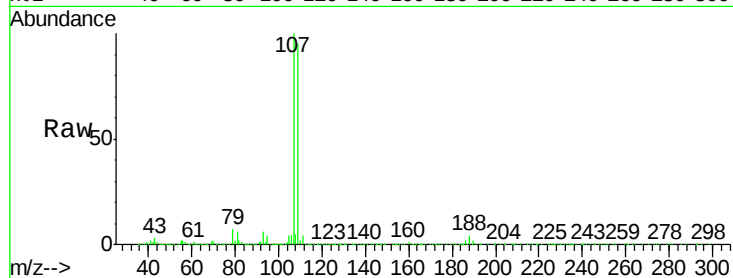
C0B37MSD

Tgt Ion: 107 Resp: 293356

Ion Ratio Lower Upper

107 100

109 93.2 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

250000

200000

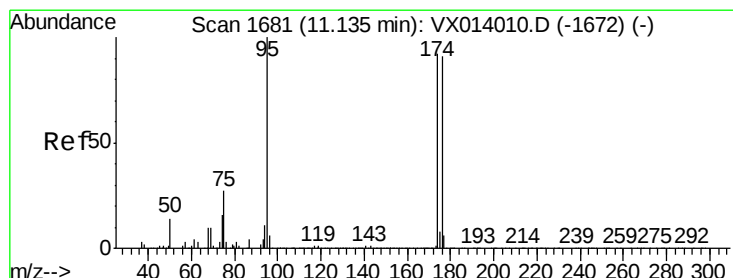
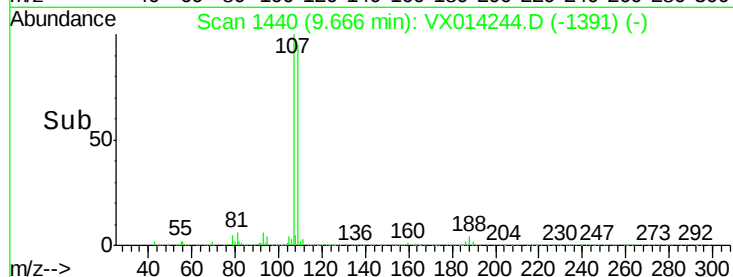
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.322 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014244.D

Acq: 24 Dec 2019 14:52

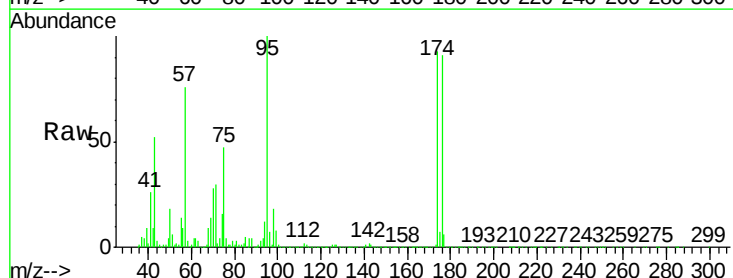
Tgt Ion: 95 Resp: 335461

Ion Ratio Lower Upper

95 100

174 88.1 0.0 175.8

176 86.1 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

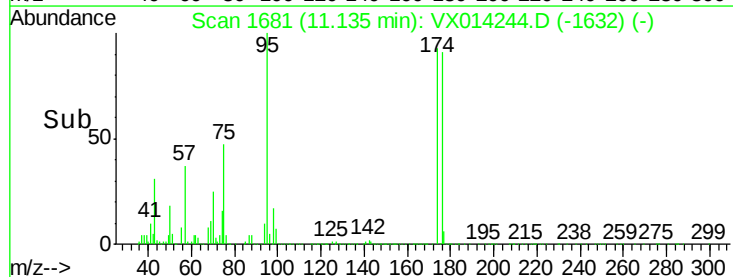
300000

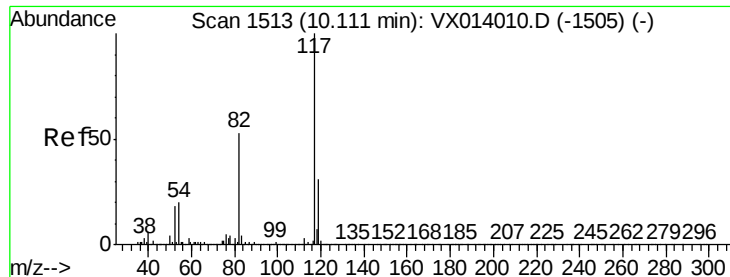
200000

100000

0

Time-->

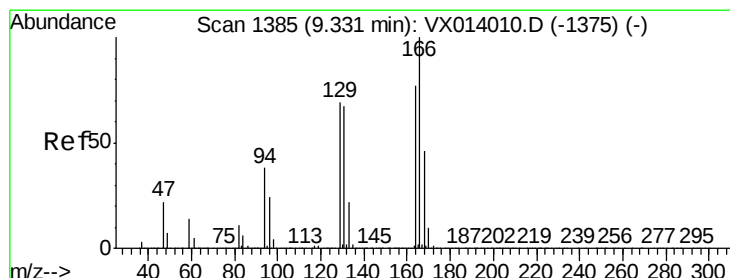
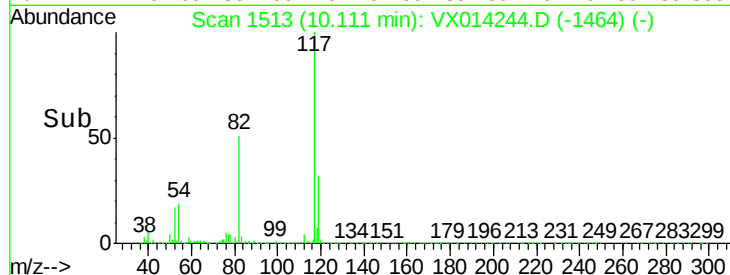
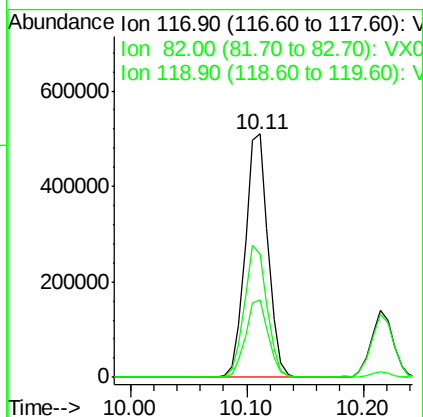
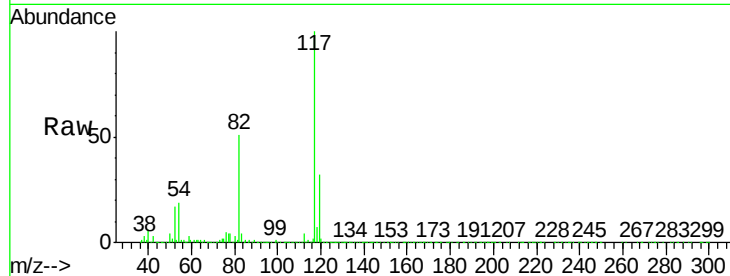




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014244.D
Acq: 24 Dec 2019 14:52

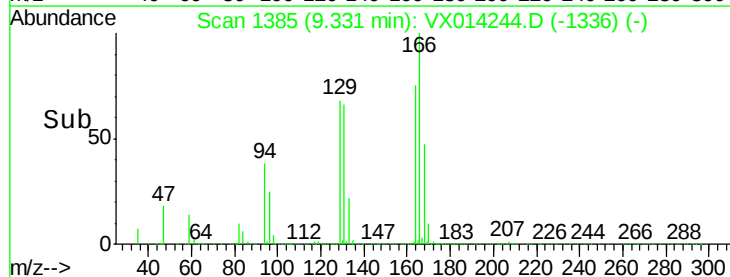
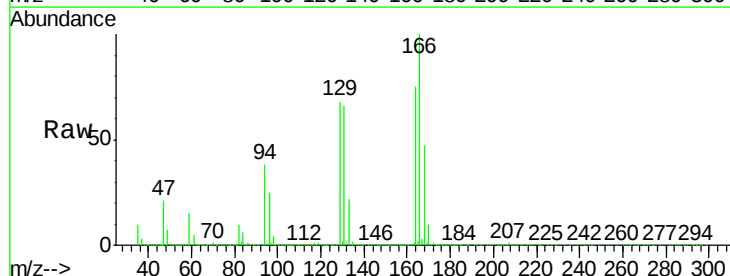
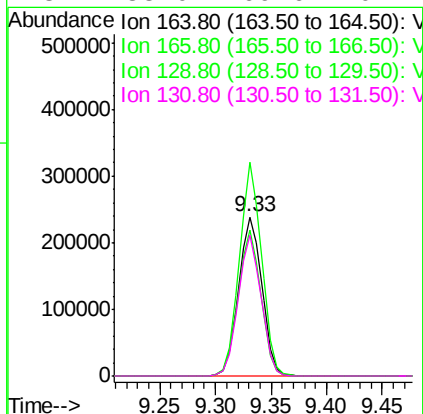
Instrument :
MSVOA_X
ClientSampleId :
C0B37MSD

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.7	42.2	63.4
119	31.8	25.1	37.7



#64
Tetrachloroethene
Concen: 55.997 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014244.D
Acq: 24 Dec 2019 14:52

Tgt Ion	Ratio	Lower	Upper
164	100		
166	134.1	104.0	156.0
129	91.4	72.2	108.4
131	88.0	69.6	104.4





#65

Chlorobenzene

Concen: 48.216 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014244.D

Acq: 24 Dec 2019 14:52

Instrument :

MSVOA_X

ClientSampleId :

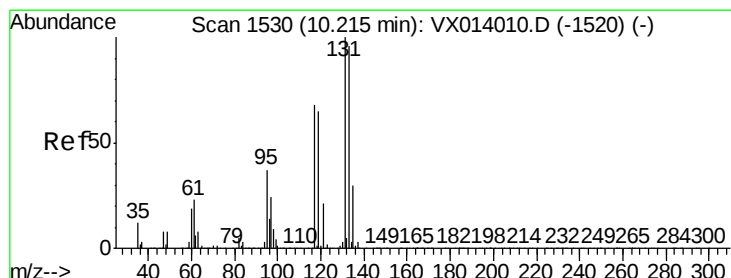
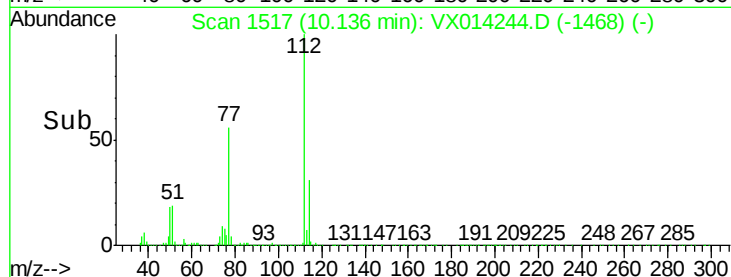
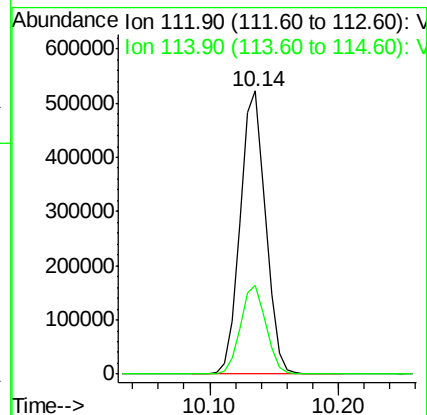
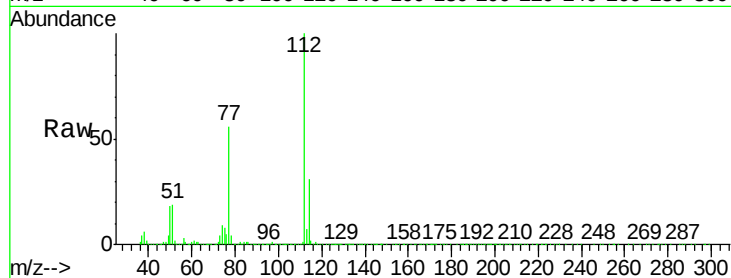
C0B37MSD

Tgt Ion:112 Resp: 715096

Ion Ratio Lower Upper

112 100

114 31.4 24.9 37.3



#66

1,1,1,2-Tetrachloroethane

Concen: 50.624 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014244.D

Acq: 24 Dec 2019 14:52

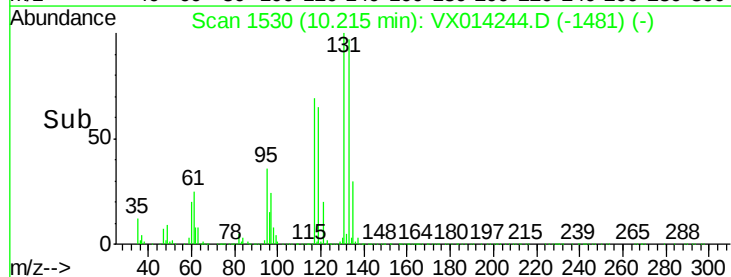
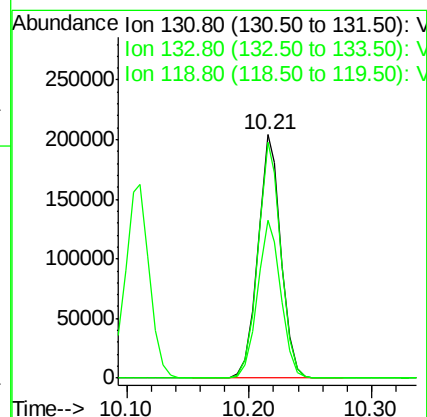
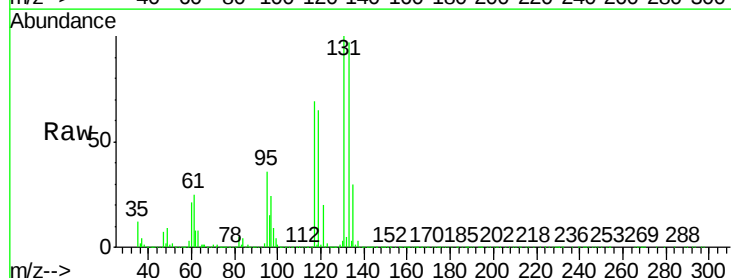
Tgt Ion:131 Resp: 268084

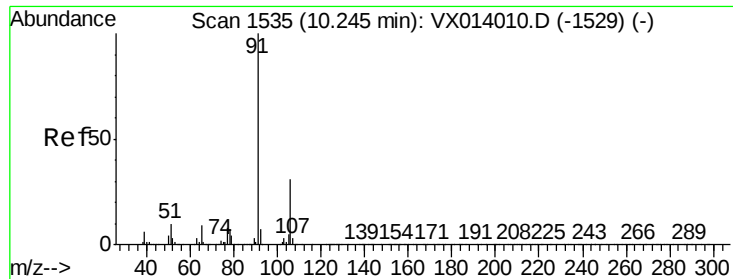
Ion Ratio Lower Upper

131 100

133 96.5 48.0 144.0

119 65.9 33.4 100.2





#67

Ethyl Benzene

Concen: 73.925 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014244.D

Acq: 24 Dec 2019 14:52

Instrument :

MSVOA_X

ClientSampleId :

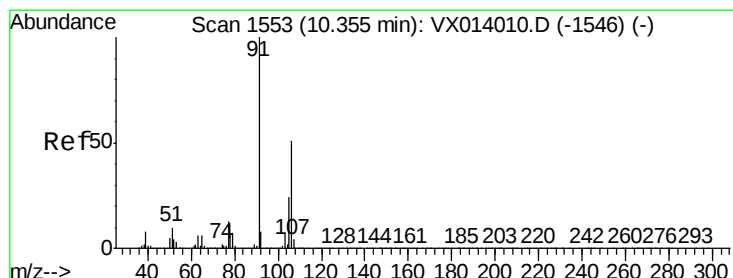
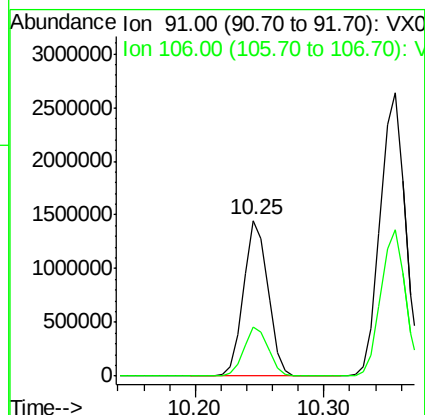
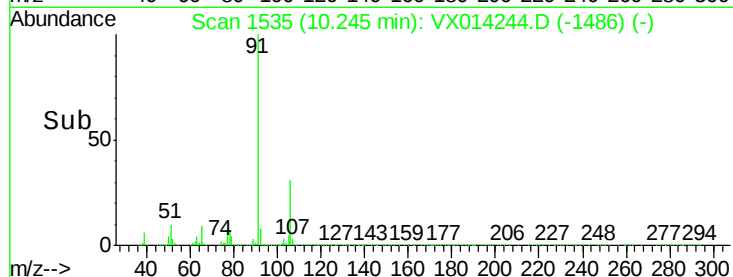
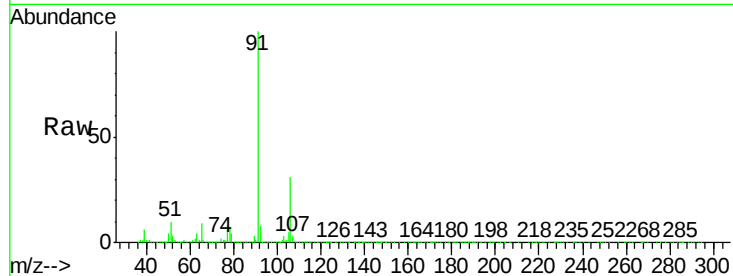
C0B37MSD

Tgt Ion: 91 Resp: 1884960

Ion Ratio Lower Upper

91 100

106 31.4 25.0 37.6



#68

m/p-Xylenes

Concen: 184.040 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014244.D

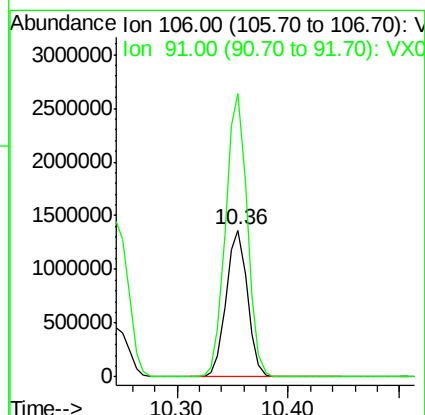
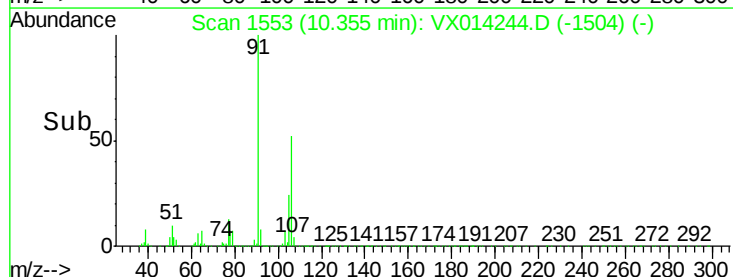
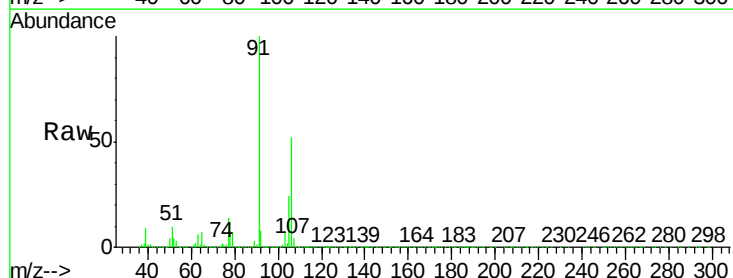
Acq: 24 Dec 2019 14:52

Tgt Ion: 106 Resp: 1804870

Ion Ratio Lower Upper

106 100

91 196.6 158.6 238.0

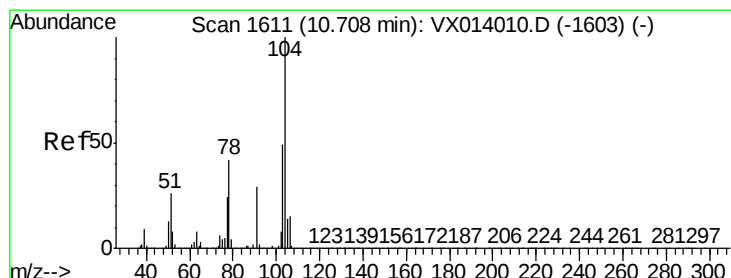
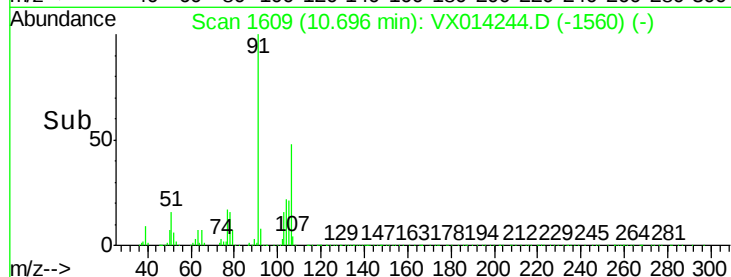
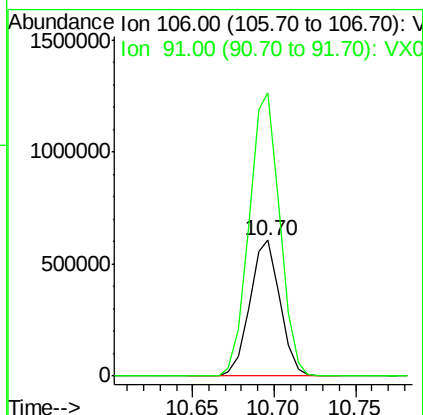
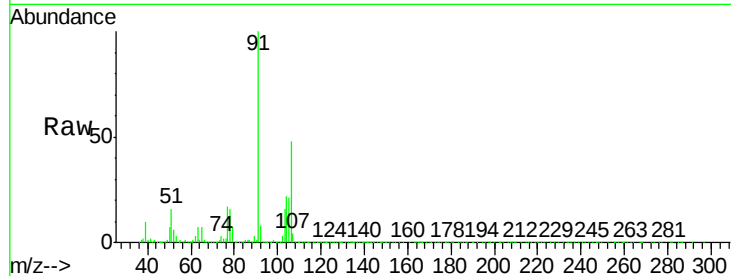




#69
o-Xylene
Concen: 81.113 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014244.D
Acq: 24 Dec 2019 14:52

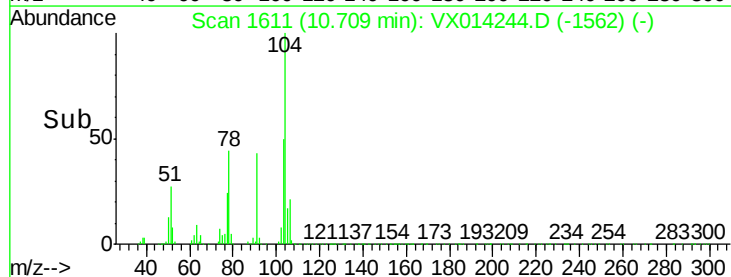
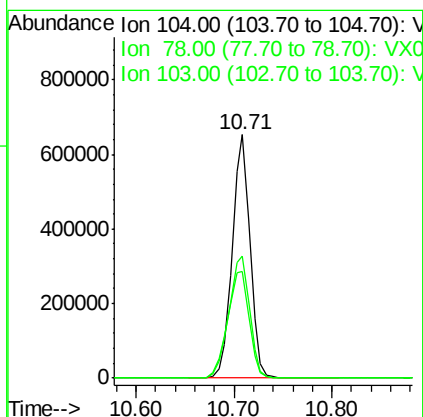
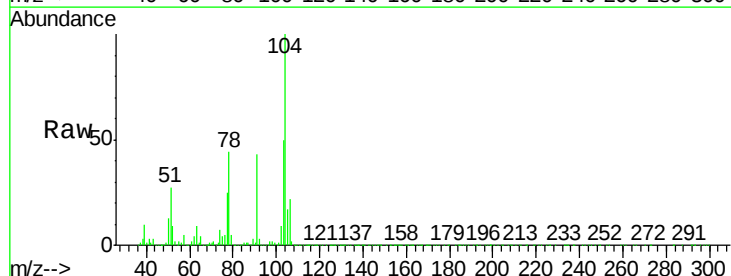
Instrument :
MSVOA_X
ClientSampleId :
C0B37MSD

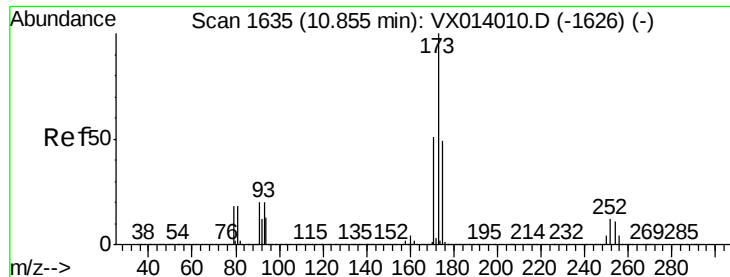
Tgt Ion:106 Resp: 780163
Ion Ratio Lower Upper
106 100
91 211.7 104.2 312.6



#70
Styrene
Concen: 50.472 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014244.D
Acq: 24 Dec 2019 14:52

Tgt Ion:104 Resp: 820880
Ion Ratio Lower Upper
104 100
78 53.8 38.5 57.7
103 58.8 42.9 64.3





#71

Bromoform

Concen: 51.282 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX014244.D

Acq: 24 Dec 2019 14:52

Instrument :

MSVOA_X

ClientSampleId :

C0B37MSD

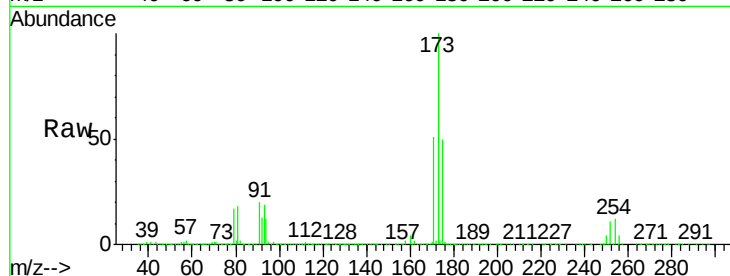
Tgt Ion:173 Resp: 218293

Ion Ratio Lower Upper

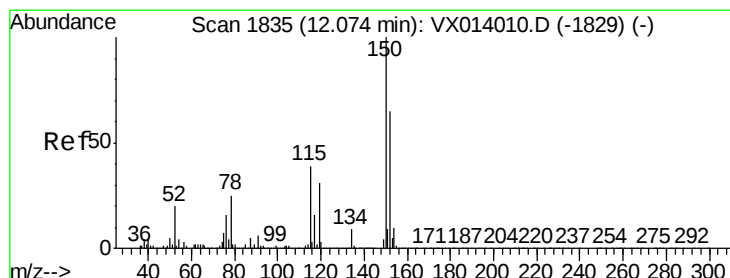
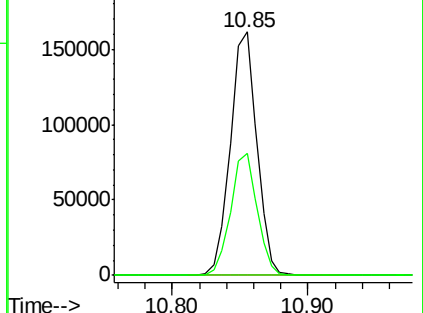
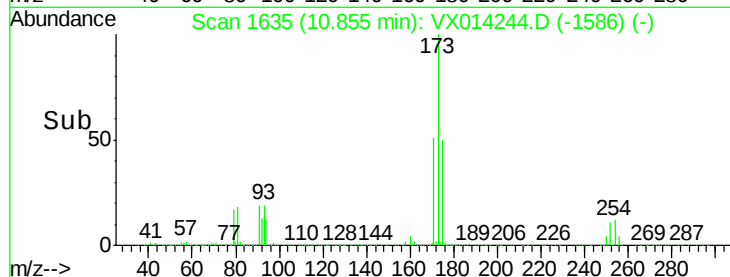
173 100

175 50.2 24.4 73.4

254 0.3 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014244.D

Acq: 24 Dec 2019 14:52

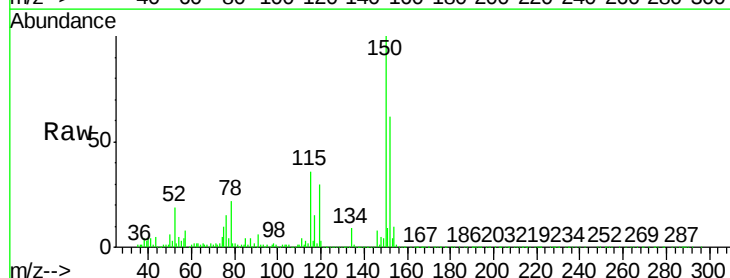
Tgt Ion:152 Resp: 344337

Ion Ratio Lower Upper

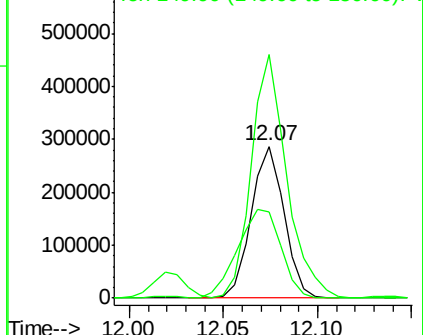
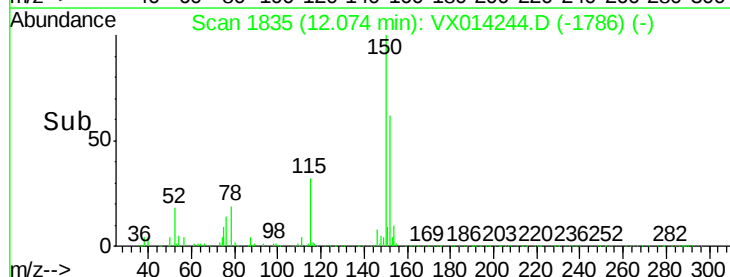
152 100

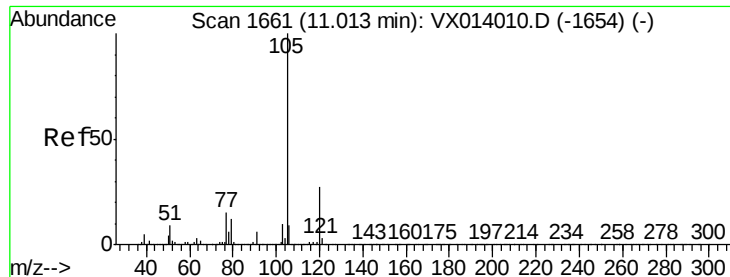
115 77.6 38.3 114.9

150 173.6 0.0 345.4



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





#73

Isopropylbenzene

Concen: 51.297 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014244.D

Acq: 24 Dec 2019 14:52

Instrument :

MSVOA_X

ClientSampleId :

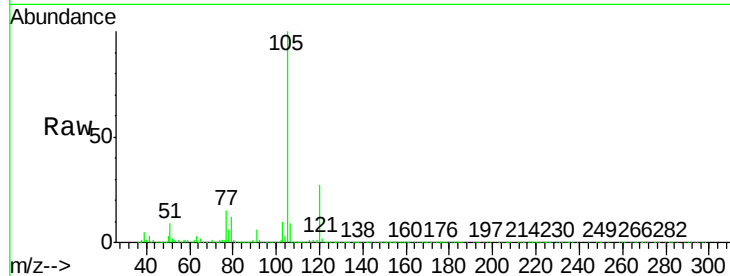
C0B37MSD

Tgt Ion:105 Resp: 1243633

Ion Ratio Lower Upper

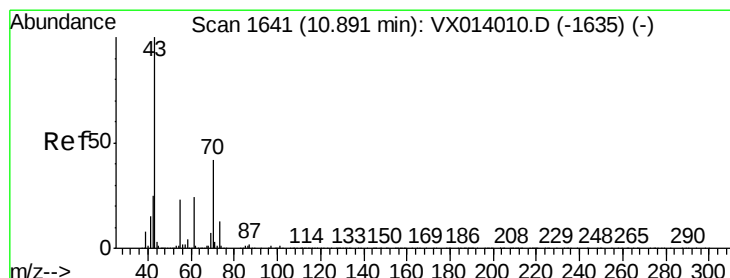
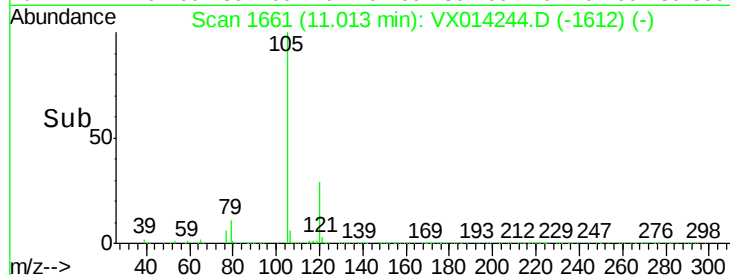
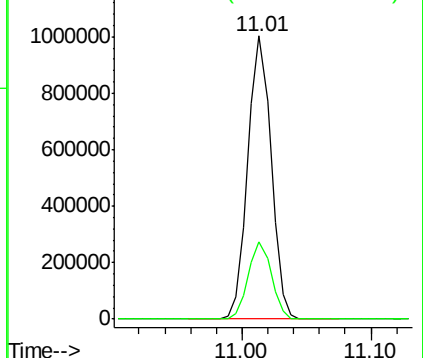
105 100

120 27.2 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: 58.236 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014244.D

Acq: 24 Dec 2019 14:52

Tgt Ion: 43 Resp: 661803

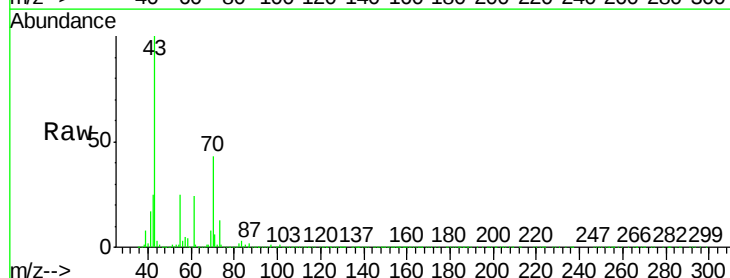
Ion Ratio Lower Upper

43 100

70 44.0 34.4 51.6

55 33.2 19.1 28.7#

61 22.8 19.7 29.5

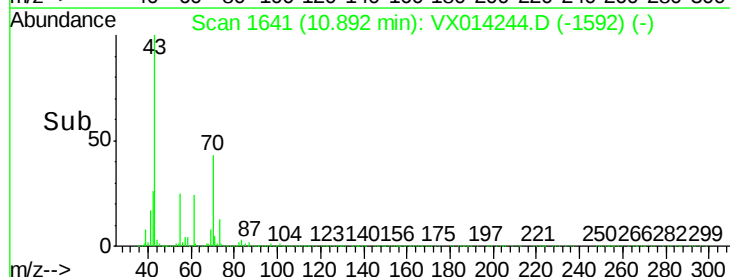
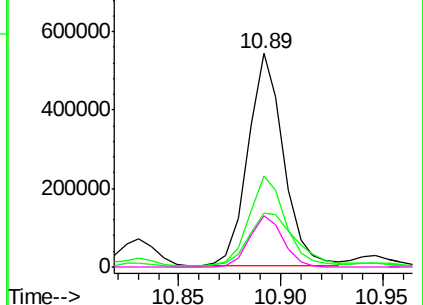


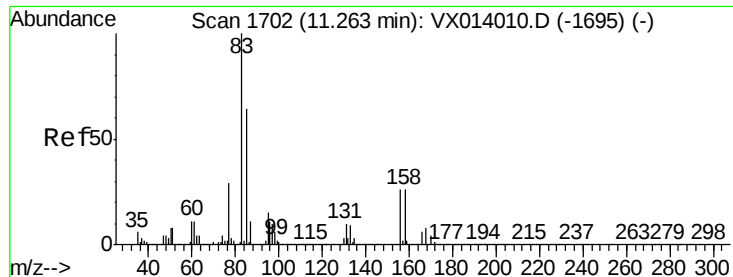
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 53.150 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014244.D

Acq: 24 Dec 2019 14:52

Instrument :

MSVOA_X

ClientSampleId :

C0B37MSD

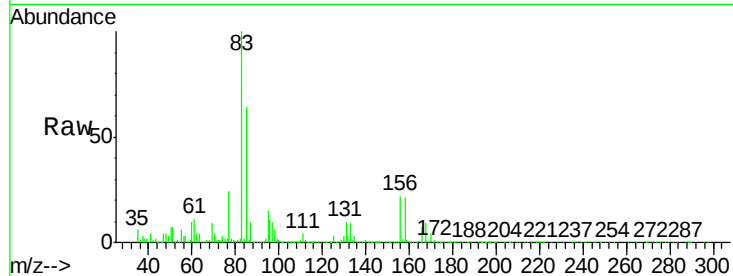
Tgt Ion: 83 Resp: 446732

Ion Ratio Lower Upper

83 100

131 9.4 5.1 15.2

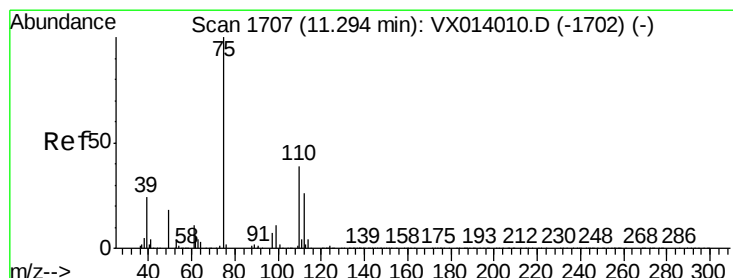
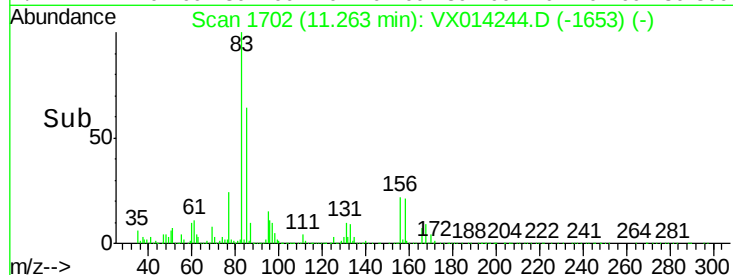
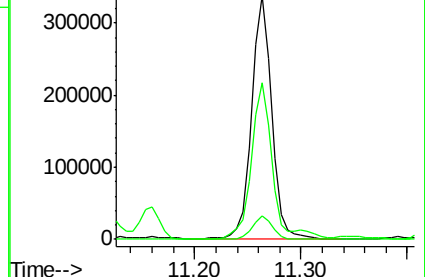
85 67.3 31.9 95.7



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: 67.423 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX014244.D

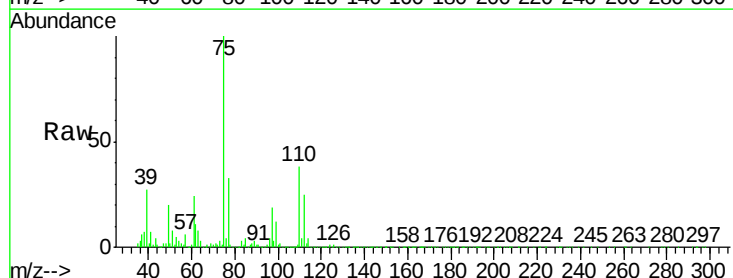
Acq: 24 Dec 2019 14:52

Tgt Ion: 75 Resp: 504024

Ion Ratio Lower Upper

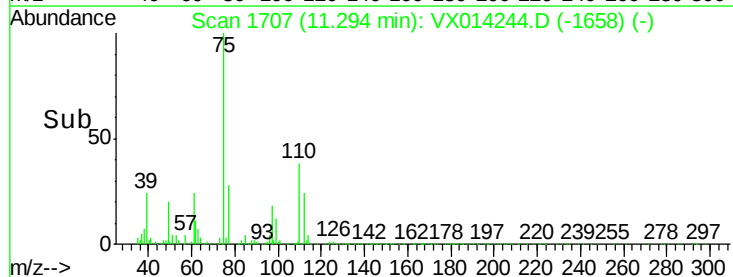
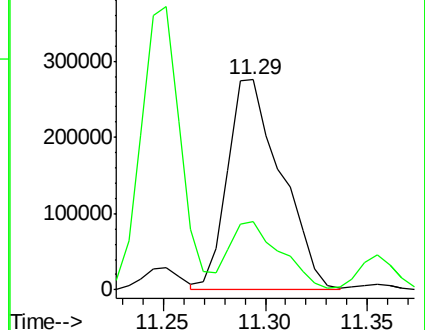
75 100

77 30.5 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: 48.434 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014244.D

Acq: 24 Dec 2019 14:52

Instrument :

MSVOA_X

ClientSampleId :

C0B37MSD

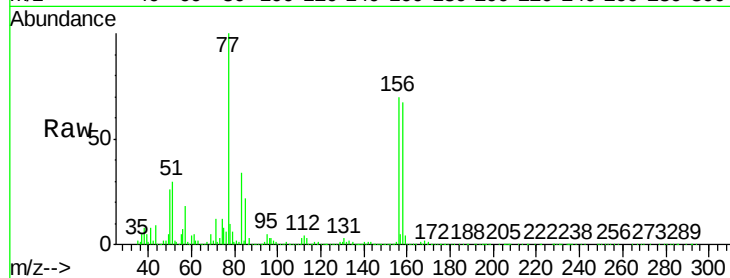
Tgt Ion: 156 Resp: 323077

Ion Ratio Lower Upper

156 100

77 153.3 76.5 229.5

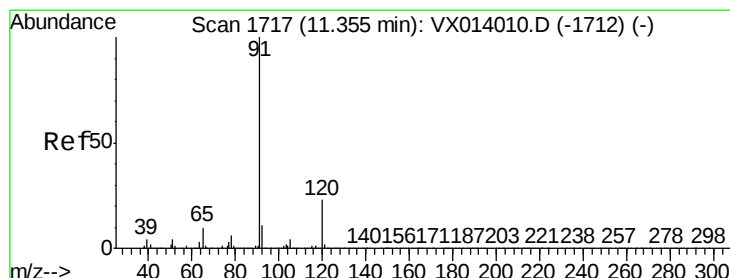
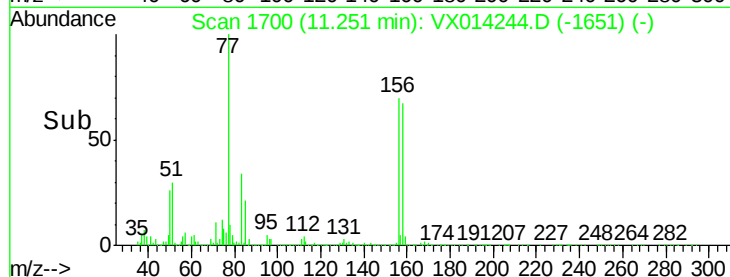
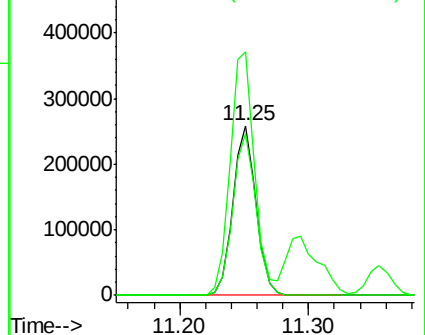
158 96.8 49.3 147.9



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: 53.112 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014244.D

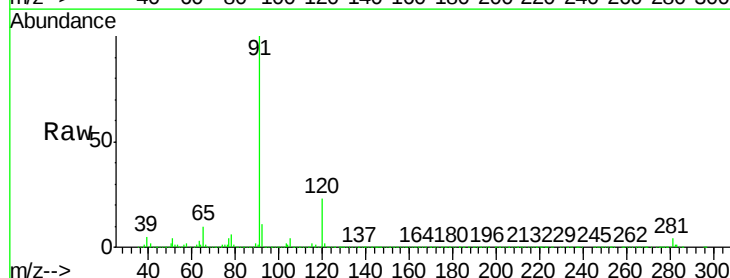
Acq: 24 Dec 2019 14:52

Tgt Ion: 91 Resp: 1444334

Ion Ratio Lower Upper

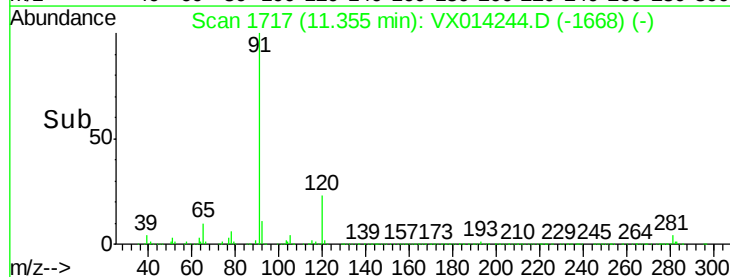
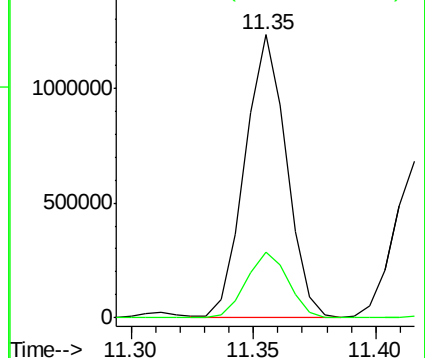
91 100

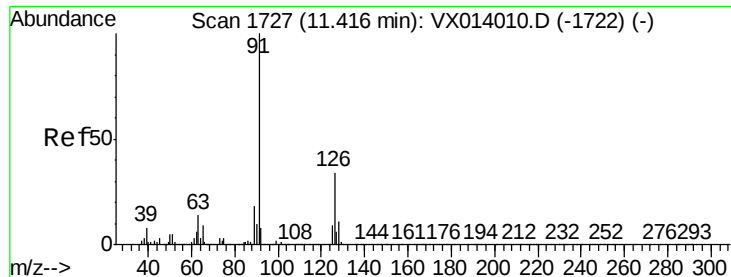
120 23.6 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.208 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014244.D

Acq: 24 Dec 2019 14:52

Instrument :

MSVOA_X

ClientSampleId :

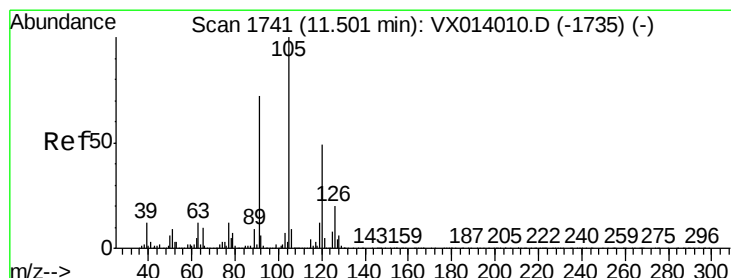
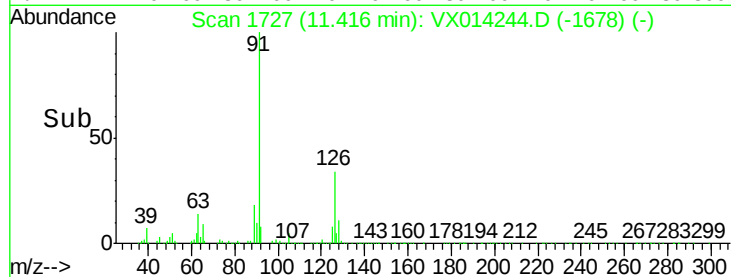
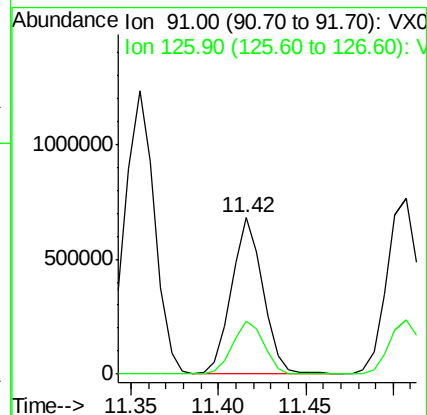
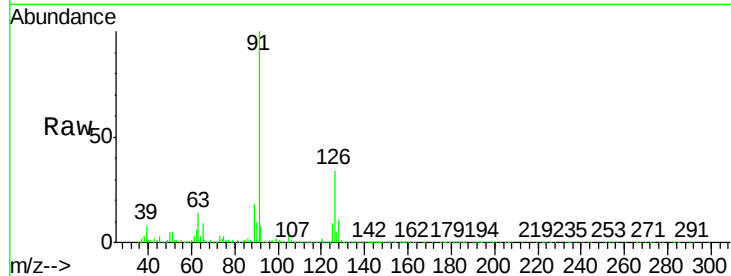
C0B37MSD

Tgt Ion: 91 Resp: 846492

Ion Ratio Lower Upper

91 100

126 34.1 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 58.097 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014244.D

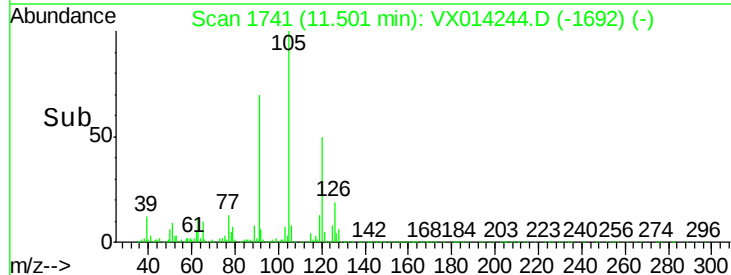
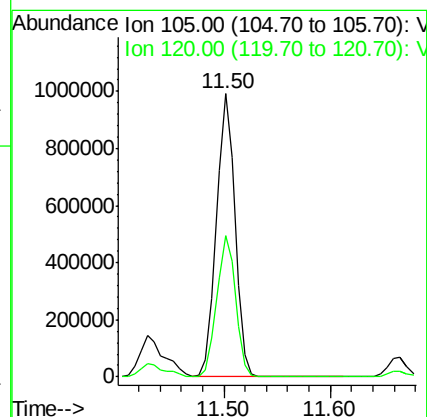
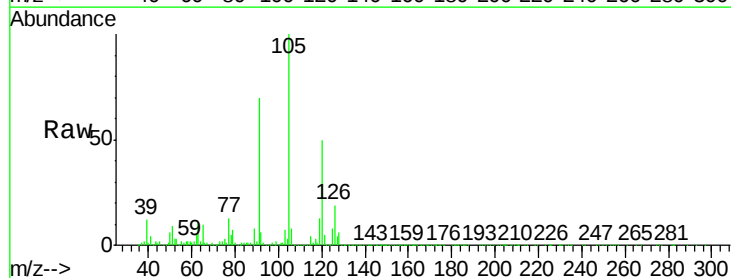
Acq: 24 Dec 2019 14:52

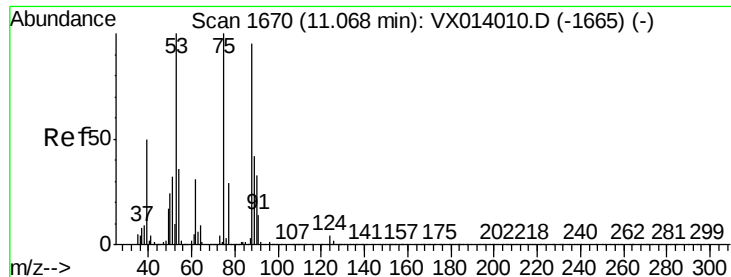
Tgt Ion: 105 Resp: 1185409

Ion Ratio Lower Upper

105 100

120 50.6 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 54.633 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014244.D

Acq: 24 Dec 2019 14:52

Instrument :

MSVOA_X

ClientSampleId :

C0B37MSD

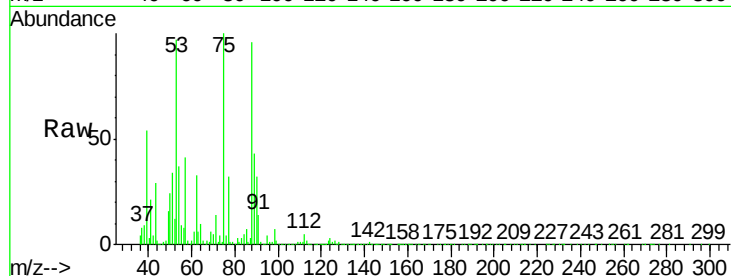
Tgt Ion: 75 Resp: 144696

Ion Ratio Lower Upper

75 100

53 99.8 76.7 115.1

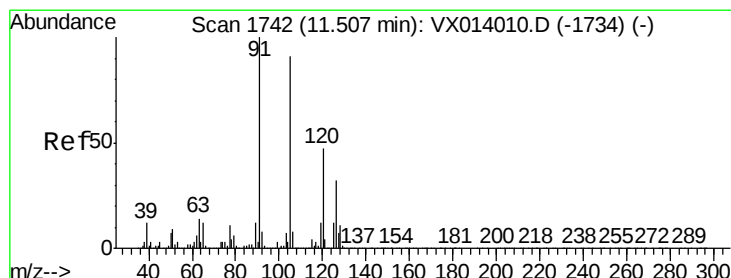
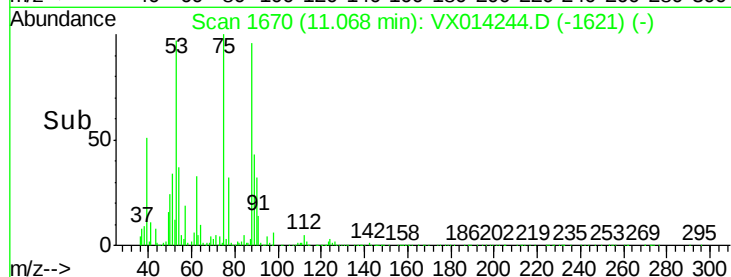
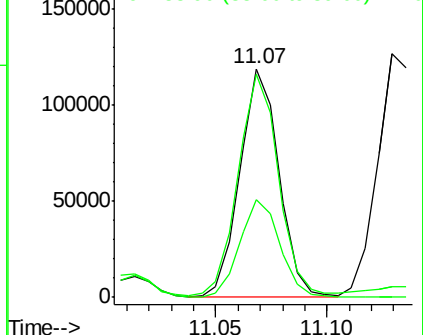
89 43.9 34.6 51.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.147 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014244.D

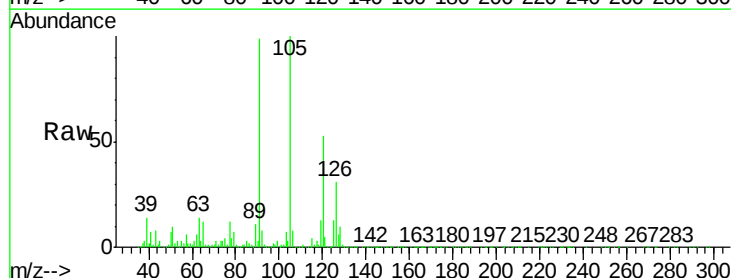
Acq: 24 Dec 2019 14:52

Tgt Ion: 91 Resp: 961565

Ion Ratio Lower Upper

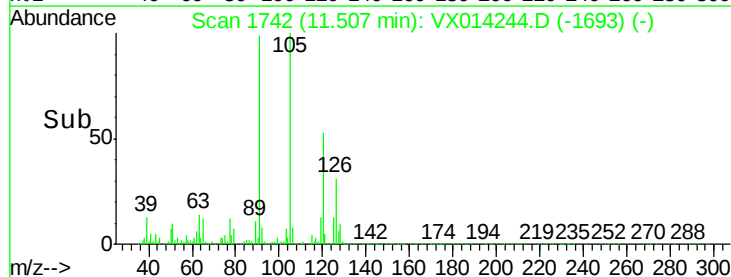
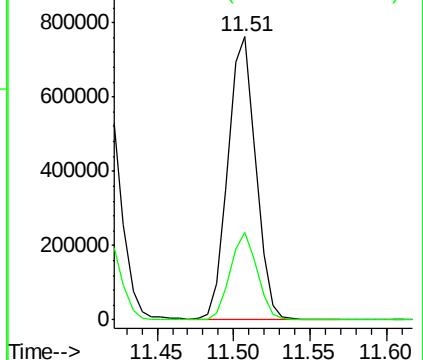
91 100

126 30.0 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

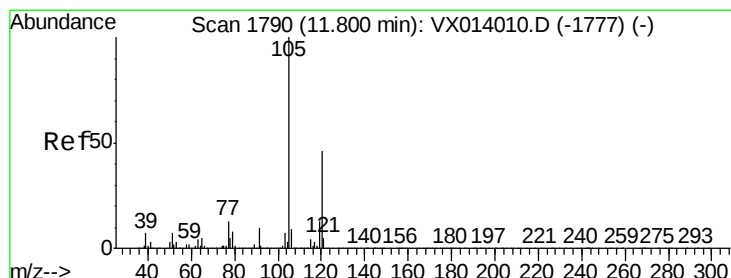
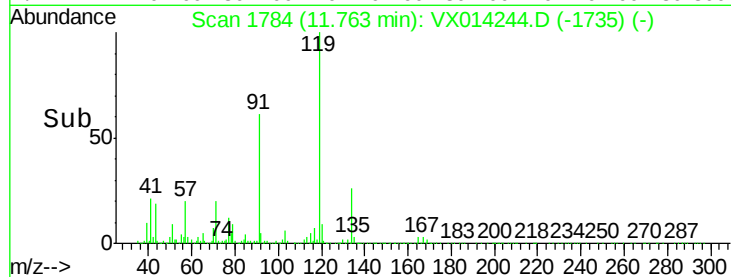
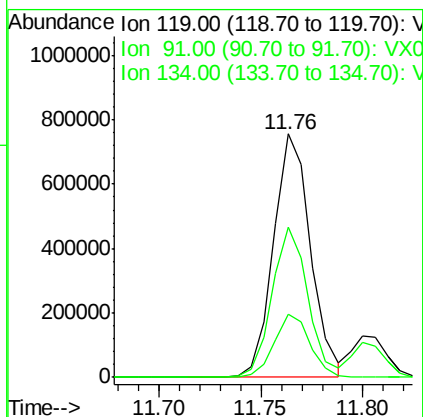
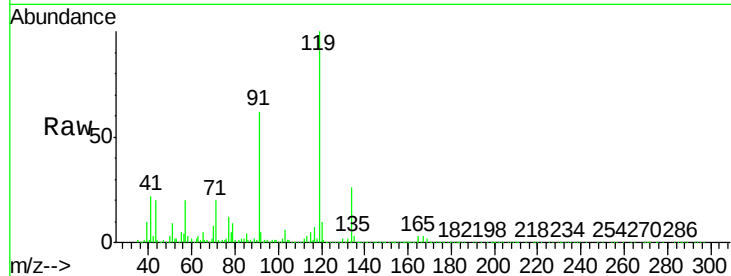




#83
 tert-Butylbenzene
 Concen: 48.086 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014244.D
 Acq: 24 Dec 2019 14:52

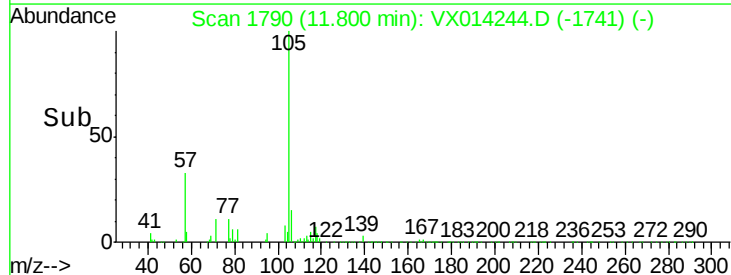
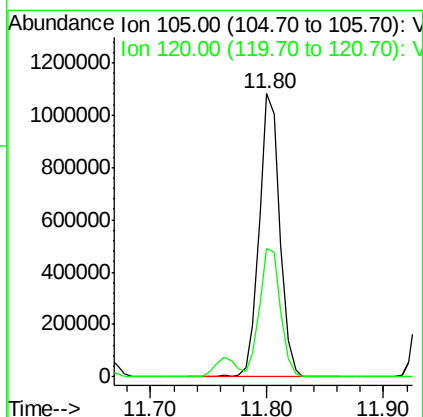
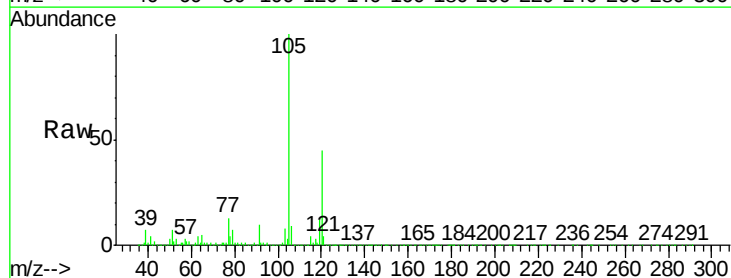
Instrument :
 MSVOA_X
 ClientSampleId :
 C0B37MSD

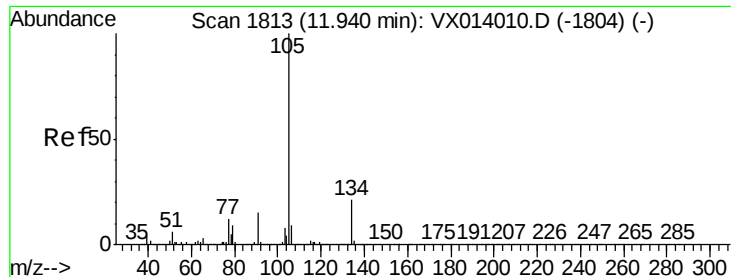
Tgt Ion	Ratio	Lower	Upper
119	100		
91	60.0	28.5	85.6
134	25.2	12.2	36.6



#84
 1,2,4-Trimethylbenzene
 Concen: 64.989 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX014244.D
 Acq: 24 Dec 2019 14:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.1	69.2

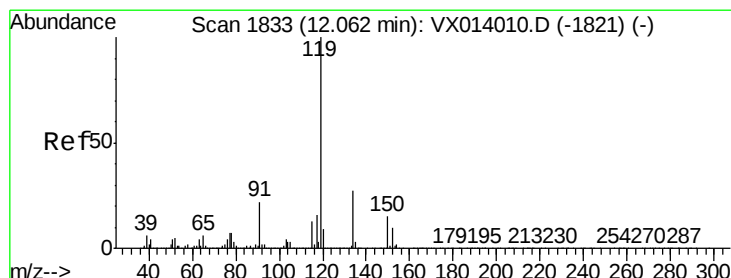
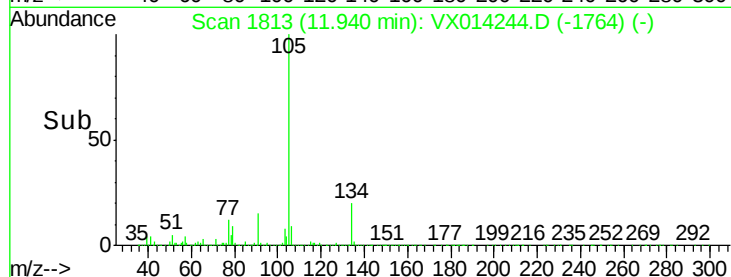
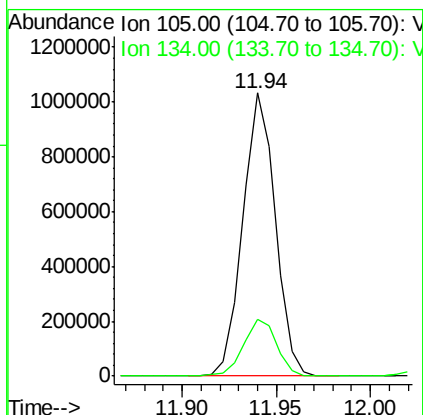
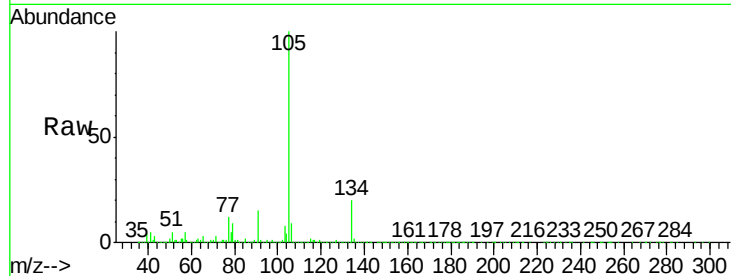




#85
 sec-Butylbenzene
 Concen: 52.486 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014244.D
 Acq: 24 Dec 2019 14:52

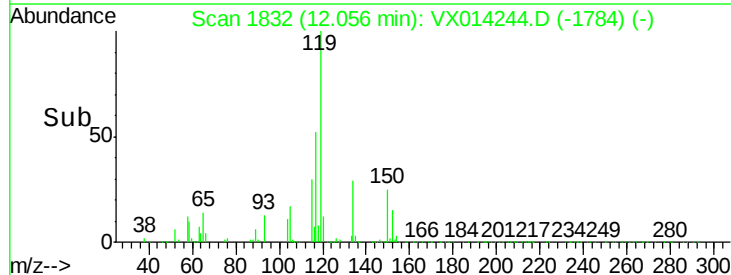
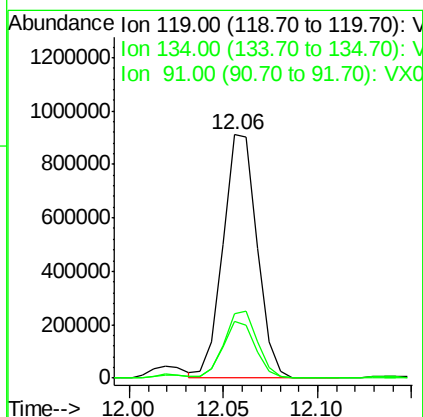
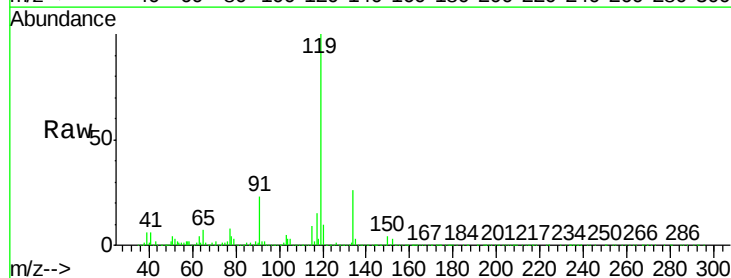
Instrument :
 MSVOA_X
 ClientSampleId :
 C0B37MSD

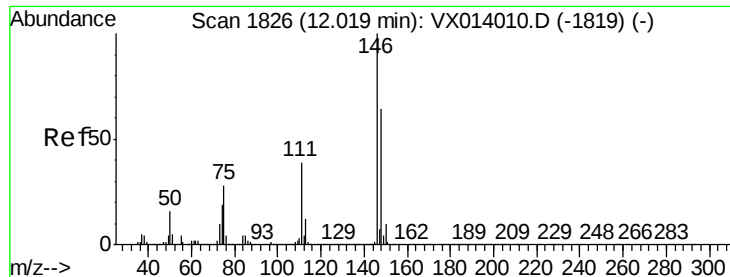
Tgt Ion:105 Resp: 1230308
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 53.300 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX014244.D
 Acq: 24 Dec 2019 14:52

Tgt Ion:119 Resp: 1142859
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.4 40.1
 91 22.3 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 48.455 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014244.D

Acq: 24 Dec 2019 14:52

Instrument :

MSVOA_X

ClientSampleId :

C0B37MSD

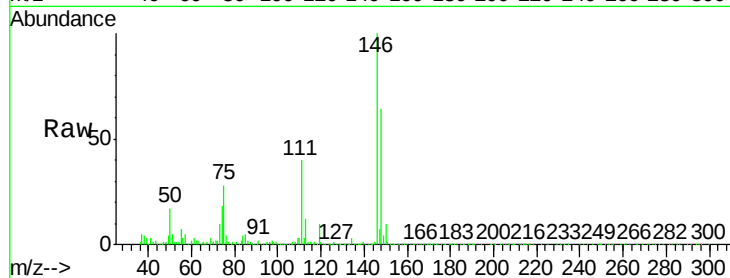
Tgt Ion:146 Resp: 566468

Ion Ratio Lower Upper

146 100

111 40.5 19.1 57.1

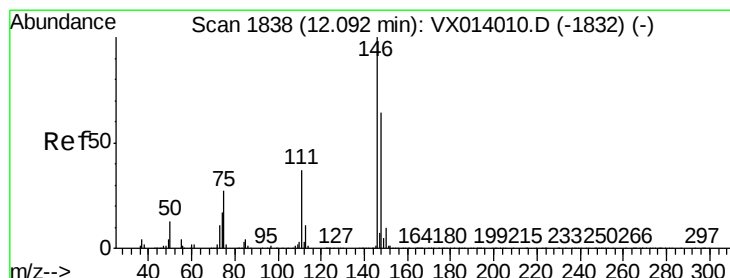
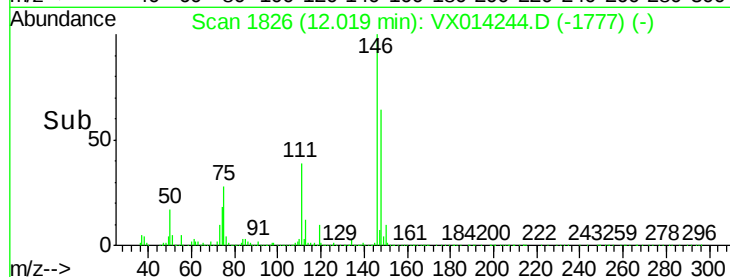
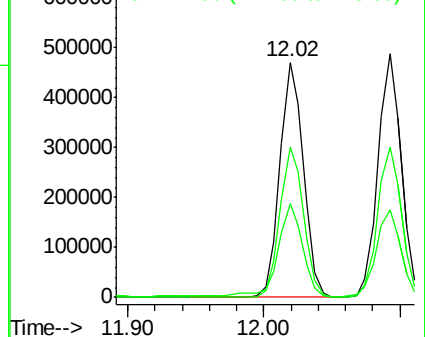
148 64.3 32.3 96.9



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: 48.544 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014244.D

Acq: 24 Dec 2019 14:52

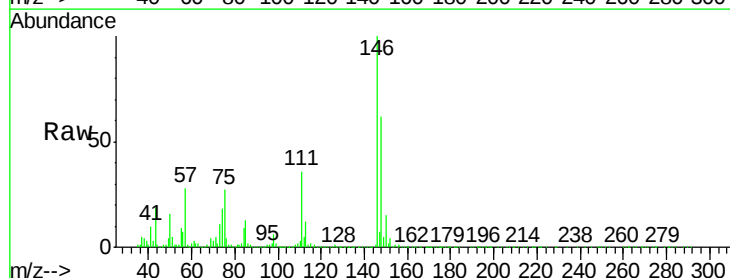
Tgt Ion:146 Resp: 577043

Ion Ratio Lower Upper

146 100

111 37.3 18.7 56.1

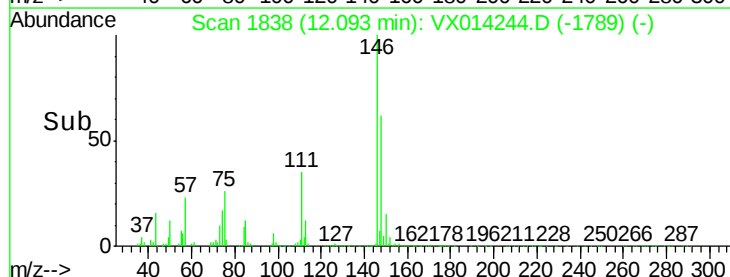
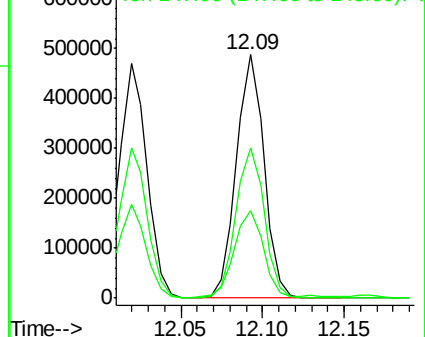
148 63.3 31.9 95.9



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





#89

n-Butylbenzene

Concen: 56.983 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014244.D

Acq: 24 Dec 2019 14:52

Instrument :

MSVOA_X

ClientSampled :

C0B37MSD

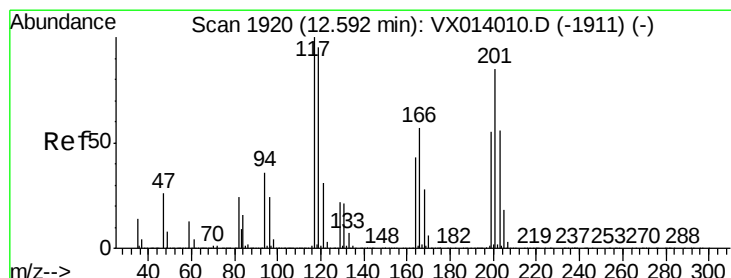
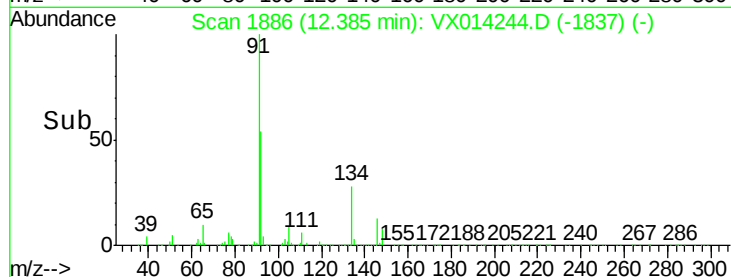
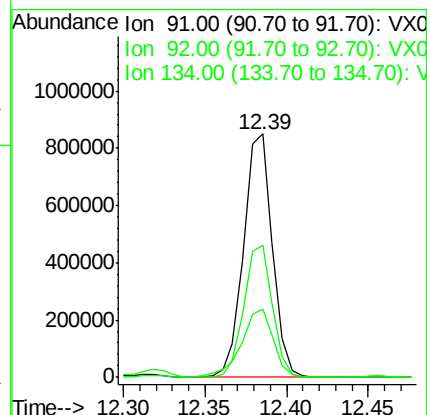
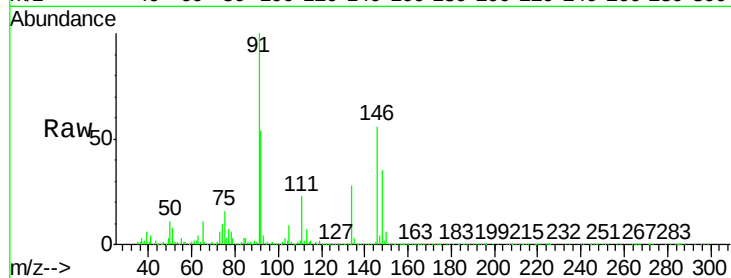
Tgt Ion: 91 Resp: 1042550

Ion Ratio Lower Upper

91 100

92 53.8 27.2 81.6

134 30.7 13.4 40.1



#90

Hexachloroethane

Concen: 51.543 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014244.D

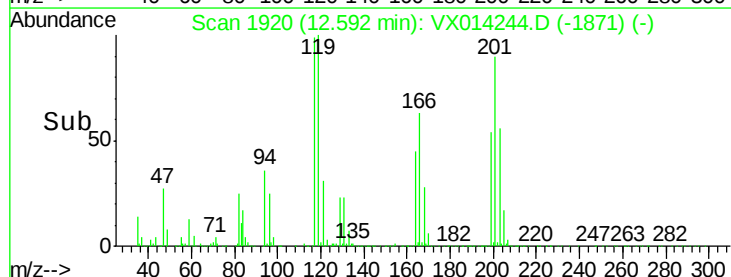
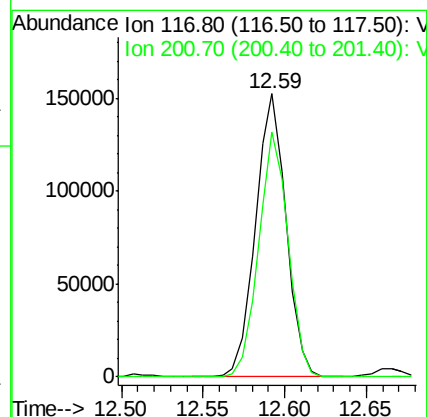
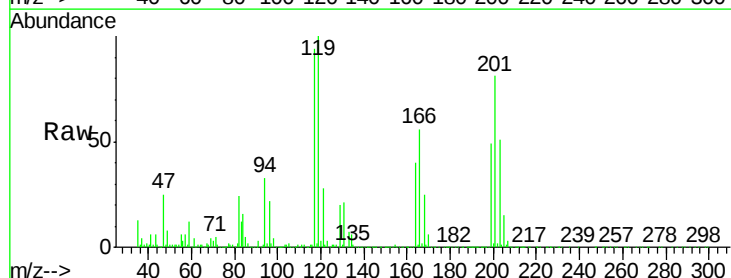
Acq: 24 Dec 2019 14:52

Tgt Ion: 117 Resp: 198513

Ion Ratio Lower Upper

117 100

201 83.4 43.1 129.3





#91

1,2-Dichlorobenzene

Concen: 49.989 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014244.D

Acq: 24 Dec 2019 14:52

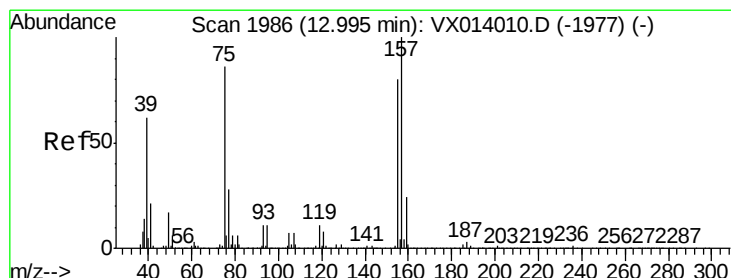
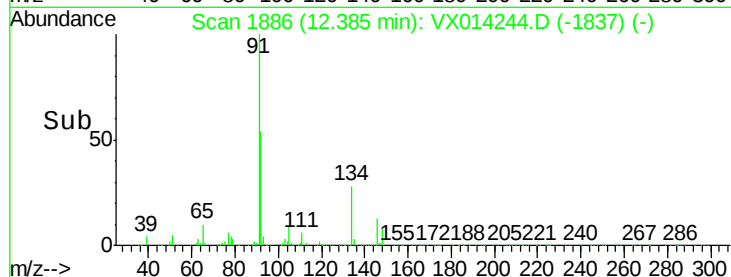
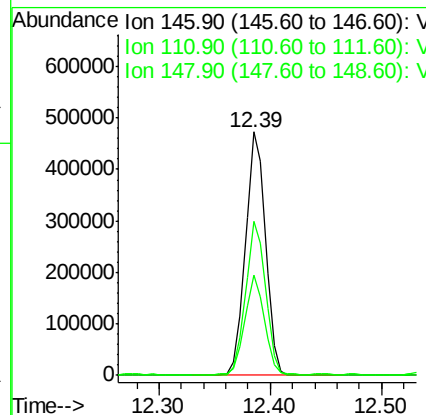
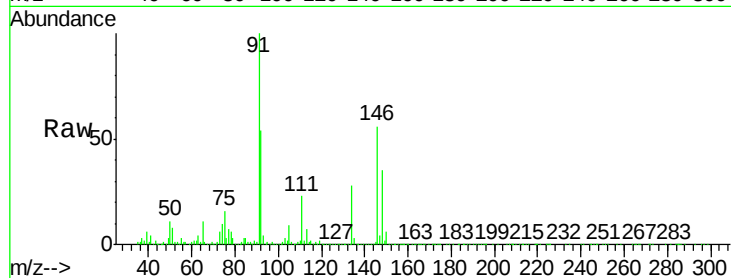
Instrument :

MSVOA_X

ClientSampleId :

C0B37MSD

Tgt Ion:	146	Resp:	588299
Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.7	59.1
148	63.1	32.1	96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.784 ug/l

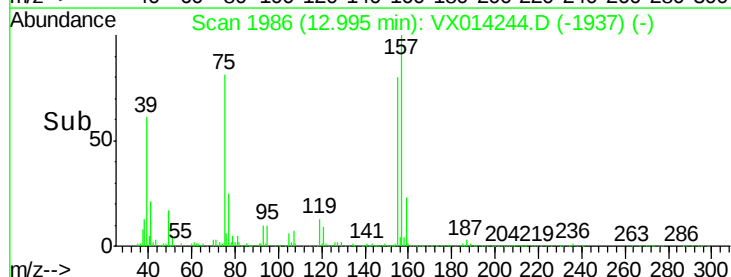
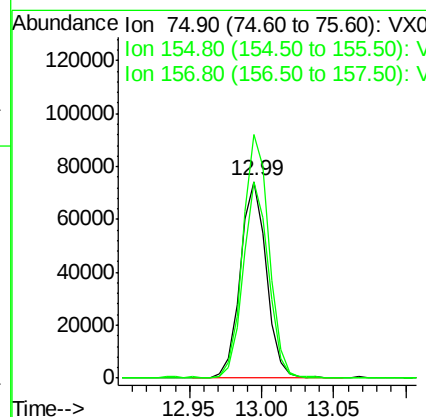
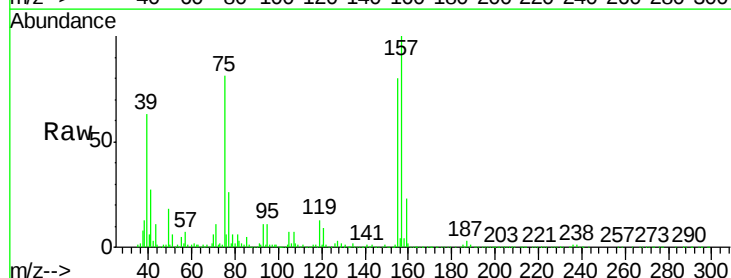
RT: 12.99 min Scan# 1986

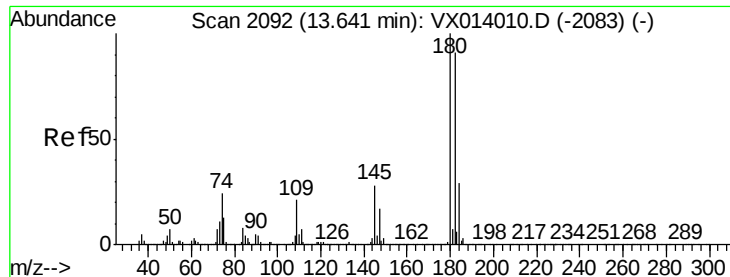
Delta R.T. 0.00 min

Lab File: VX014244.D

Acq: 24 Dec 2019 14:52

Tgt Ion:	75	Resp:	92599
Ion	Ratio	Lower	Upper
75	100		
155	97.2	46.9	140.6
157	124.7	60.8	182.4

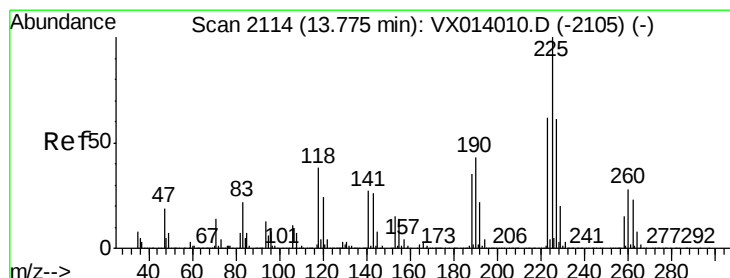
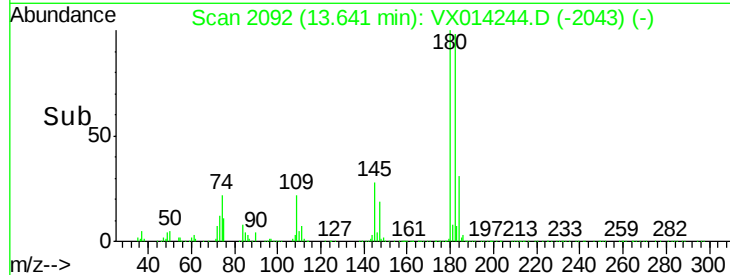
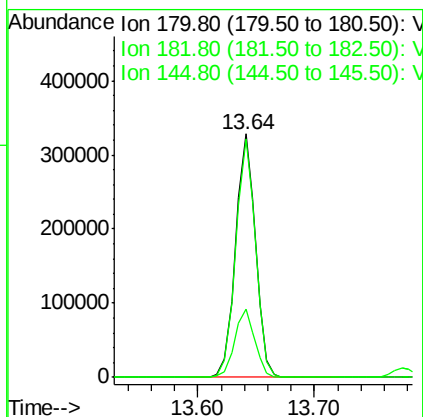
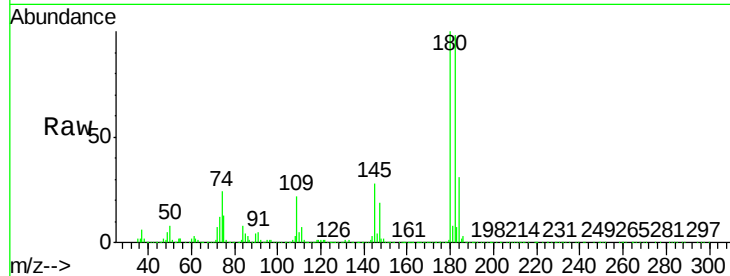




#93
 1,2,4-Trichlorobenzene
 Concen: 51.128 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014244.D
 Acq: 24 Dec 2019 14:52

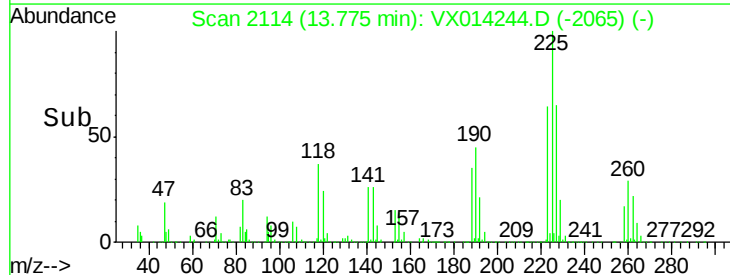
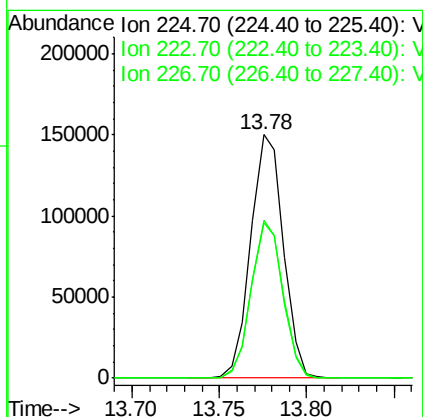
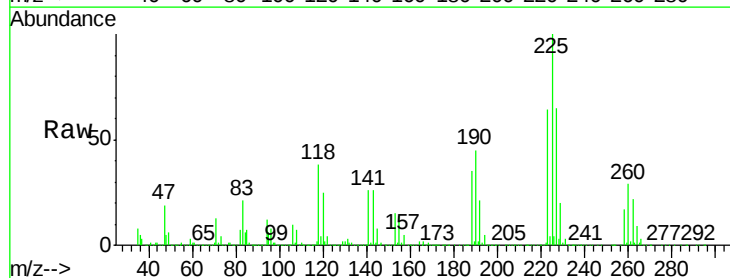
Instrument :
 MSVOA_X
 ClientSampleId :
 C0B37MSD

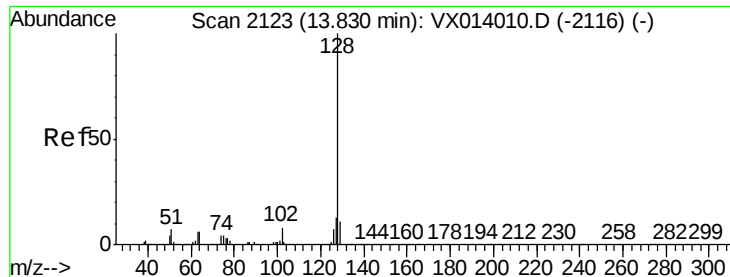
Tgt Ion:180 Resp: 391077
 Ion Ratio Lower Upper
 180 100
 182 97.7 46.6 139.8
 145 28.5 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 52.772 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014244.D
 Acq: 24 Dec 2019 14:52

Tgt Ion:225 Resp: 193994
 Ion Ratio Lower Upper
 225 100
 223 62.3 30.9 92.5
 227 63.2 30.9 92.7

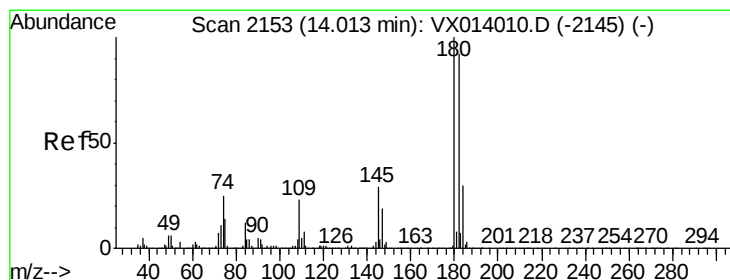
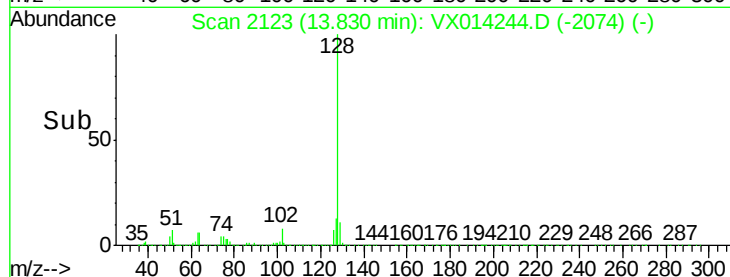
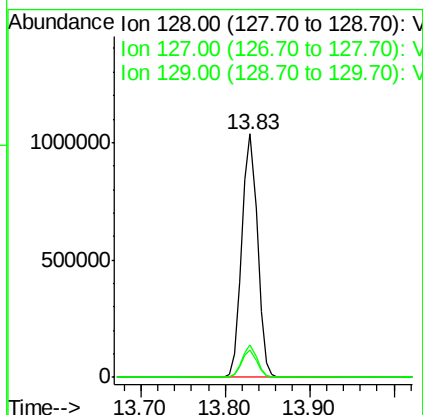
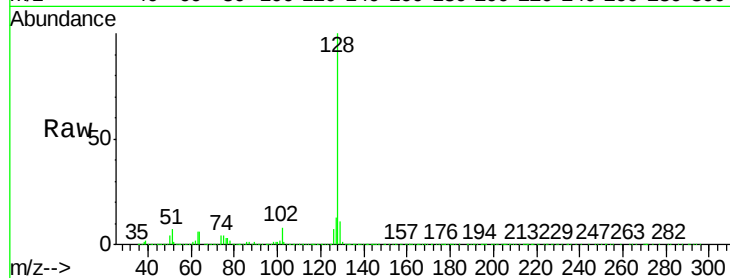




#95
Naphthalene
Concen: 56.727 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014244.D
Acq: 24 Dec 2019 14:52

Instrument :
MSVOA_X
ClientSampleId :
C0B37MSD

Tgt Ion:128 Resp: 1274831
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 52.359 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014244.D
Acq: 24 Dec 2019 14:52

Tgt Ion:180 Resp: 395343
Ion Ratio Lower Upper
180 100
182 93.9 46.8 140.3
145 31.1 14.8 44.4

