

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011020\
 Data File : VX014528.D
 Acq On : 10 Jan 2020 11:43
 Operator : JC/SP
 Sample : VX0110MBSD01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110MBSD01

Quant Time: Jan 10 12:30:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	470378	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	697077	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	629825	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	318975	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	259247	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	
35) Dibromofluoromethane	5.48	113	212734	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
50) Toluene-d8	8.71	98	821970	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
62) 4-Bromofluorobenzene	11.13	95	291469	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	119242	20.568	ug/l	98
3) Chloromethane	1.32	50	117706	19.631	ug/l	99
4) Vinyl Chloride	1.40	62	137902	20.640	ug/l	100
5) Bromomethane	1.64	94	77113	17.412	ug/l	97
6) Chloroethane	1.72	64	75185	19.875	ug/l	98
7) Trichlorofluoromethane	1.92	101	150226	19.821	ug/l	99
8) Diethyl Ether	2.18	74	67251	19.449	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	88771	19.252	ug/l	98
10) Methyl Iodide	2.50	142	108477	19.647	ug/l	98
11) Tert butyl alcohol	3.02	59	115379	105.234	ug/l	99
12) 1,1-Dichloroethene	2.37	96	89016	19.161	ug/l	98
13) Acrolein	2.28	56	69511	79.098	ug/l	98
14) Allyl chloride	2.72	41	156841	19.229	ug/l	99
15) Acrylonitrile	3.12	53	270646	102.277	ug/l	99
16) Acetone	2.43	43	273014	101.208	ug/l	97
17) Carbon Disulfide	2.56	76	232432	17.931	ug/l	100
18) Methyl Acetate	2.76	43	164086	21.742	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	306580	20.557	ug/l	100
20) Methylene Chloride	2.85	84	104533	19.789	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	95156	18.762	ug/l	99
22) Diisopropyl ether	3.84	45	327240	20.761	ug/l	91
23) Vinyl Acetate	3.80	43	1278411	104.758	ug/l	99
24) 1,1-Dichloroethane	3.69	63	173563	20.241	ug/l	98
25) 2-Butanone	4.65	43	393768	100.390	ug/l	100
26) 2,2-Dichloropropane	4.57	77	137380	18.913	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	110657	19.517	ug/l	98
28) Bromochloromethane	5.00	49	71801	19.872	ug/l	95
29) Tetrahydrofuran	5.11	42	241245	104.027	ug/l	99
30) Chloroform	5.20	83	168310	20.087	ug/l	98
31) Cyclohexane	5.57	56	160583	20.008	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	140628	19.607	ug/l	99
36) 1,1-Dichloropropene	5.79	75	126316	19.269	ug/l	98
37) Ethyl Acetate	4.81	43	147135	20.664	ug/l	99
38) Carbon Tetrachloride	5.78	117	119141	19.750	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	166114	20.170	ug/l	97
40) Benzene	6.13	78	398200	20.466	ug/l	100
41) Methacrylonitrile	5.03	41	80496	21.199	ug/l	98
42) 1,2-Dichloroethane	6.18	62	138434	20.350	ug/l	98
43) Isopropyl Acetate	6.43	43	237778	20.672	ug/l	99
44) Trichloroethene	7.20	130	109163	19.524	ug/l	97
45) 1,2-Dichloropropane	7.50	63	103052	20.775	ug/l	100
46) Dibromomethane	7.65	93	67679	19.548	ug/l	100
47) Bromodichloromethane	7.89	83	127321	20.211	ug/l	96
48) Methyl methacrylate	7.76	41	116662	21.176	ug/l	99
49) 1,4-Dioxane	7.73	88	50282	430.742	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	746845	106.549	ug/l	99
52) Toluene	8.78	92	252063	20.238	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	141595	19.306	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	161478	20.382	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	103784	20.746	ug/l	98
56) Ethyl methacrylate	9.17	69	159133	20.763	ug/l	99
57) 1,3-Dichloropropane	9.36	76	173606	20.755	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	262443	100.645	ug/l	99
59) 2-Hexanone	9.48	43	572432	103.213	ug/l	100
60) Dibromochloromethane	9.57	129	102438	20.373	ug/l	100
61) 1,2-Dibromoethane	9.67	107	106624	20.121	ug/l	100
64) Tetrachloroethene	9.33	164	121087	19.183	ug/l	99
65) Chlorobenzene	10.14	112	268701	19.659	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	96957	19.877	ug/l	98
67) Ethyl Benzene	10.25	91	466573	20.027	ug/l	100
68) m/p-Xylenes	10.35	106	356497	39.665	ug/l	98
69) o-Xylene	10.69	106	172138	20.073	ug/l	98
70) Styrene	10.71	104	292795	19.785	ug/l	99
71) Bromoform	10.85	173	77699	19.469	ug/l #	99
73) Isopropylbenzene	11.01	105	462826	20.663	ug/l	99
74) N-amyl acetate	10.89	43	200408	20.280	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	148628	20.691	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	174763	26.481	ug/l	79
77) Bromobenzene	11.25	156	123796	19.929	ug/l	97
78) n-propylbenzene	11.35	91	520167	20.278	ug/l	99
79) 2-Chlorotoluene	11.42	91	309580	20.249	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	377315	20.290	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	48459	19.413	ug/l	92
82) 4-Chlorotoluene	11.51	91	349827	19.493	ug/l	100
83) tert-Butylbenzene	11.76	119	359043	20.434	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	384633	20.469	ug/l	100
85) sec-Butylbenzene	11.94	105	446337	20.433	ug/l	100
86) p-Isopropyltoluene	12.06	119	408249	20.141	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	215653	19.345	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	213345	20.019	ug/l	98
89) n-Butylbenzene	12.39	91	346879	18.717	ug/l	99
90) Hexachloroethane	12.59	117	70225	19.724	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	214109	19.603	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32186	19.920	ug/l	95

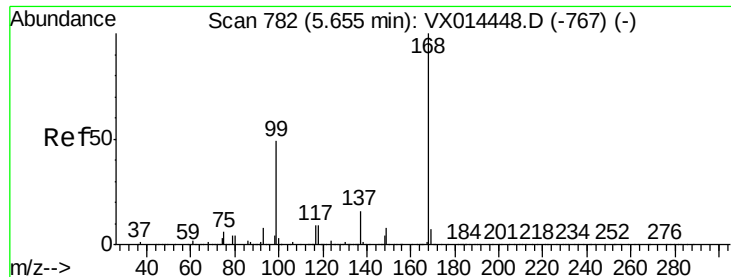
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011020\
Data File : VX014528.D
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Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	144367	18.763	ug/l	100
94) Hexachlorobutadiene	13.78	225	70547	19.687	ug/l	98
95) Naphthalene	13.83	128	434500	18.262	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	146235	19.272	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

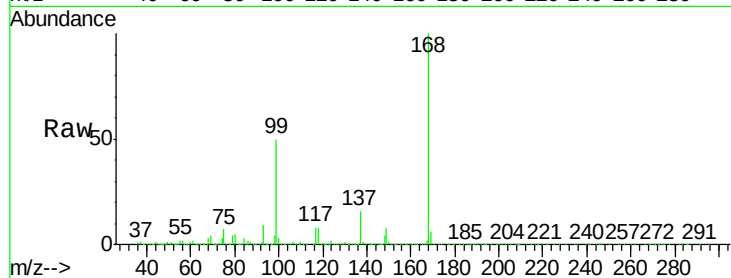
VX0110MBSD01

Tgt Ion:168 Resp: 470378

Ion Ratio Lower Upper

168 100

99 49.9 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

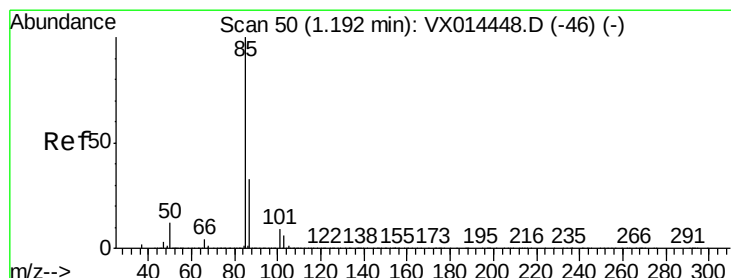
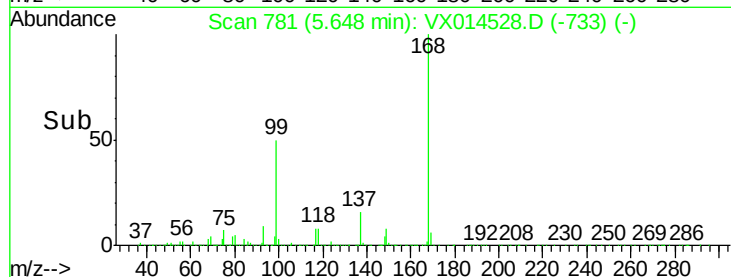
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.568 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014528.D

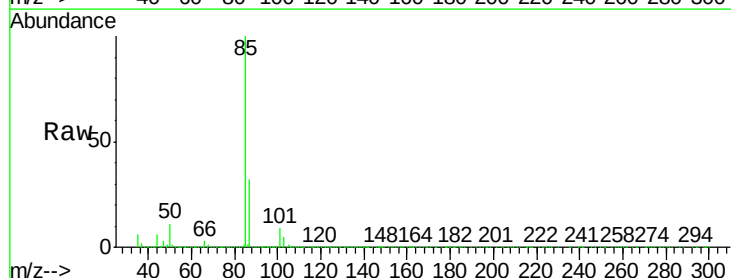
Acq: 10 Jan 2020 11:43

Tgt Ion: 85 Resp: 119242

Ion Ratio Lower Upper

85 100

87 31.9 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

150000

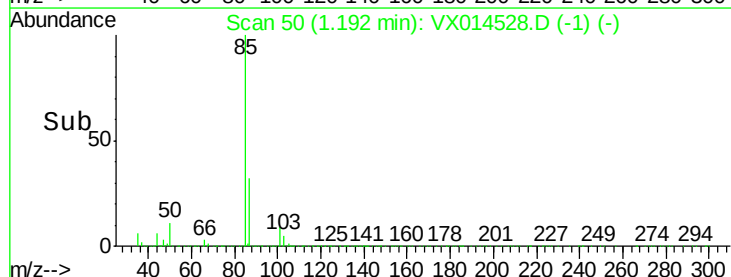
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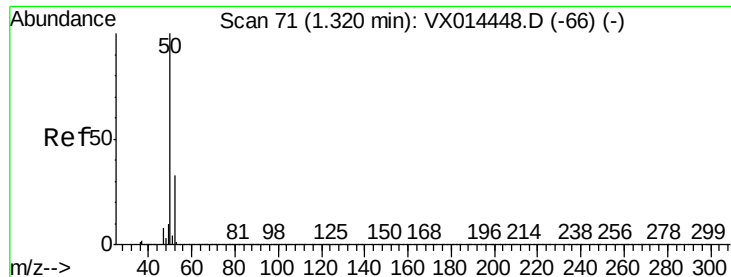
50000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 19.631 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

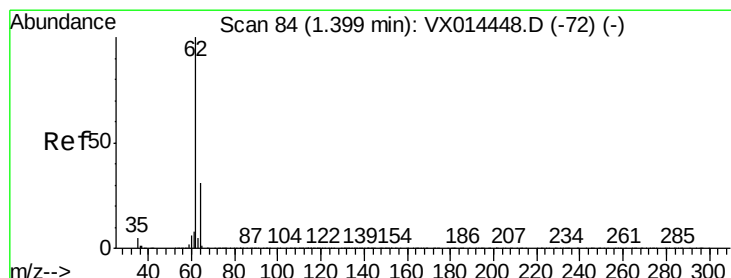
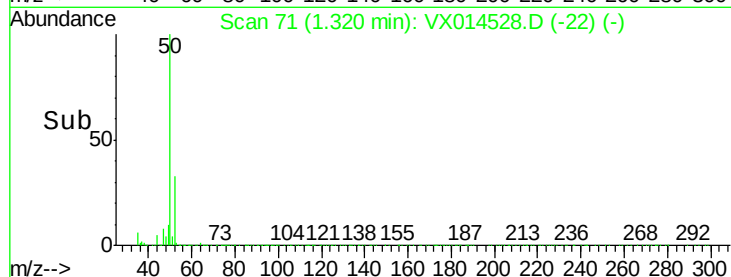
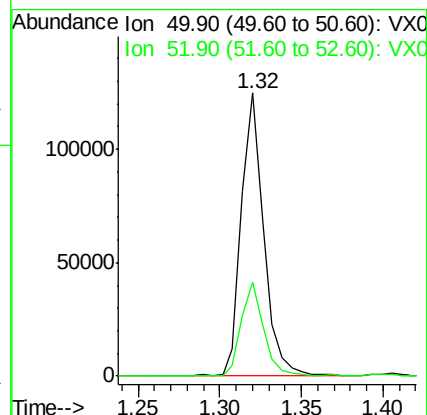
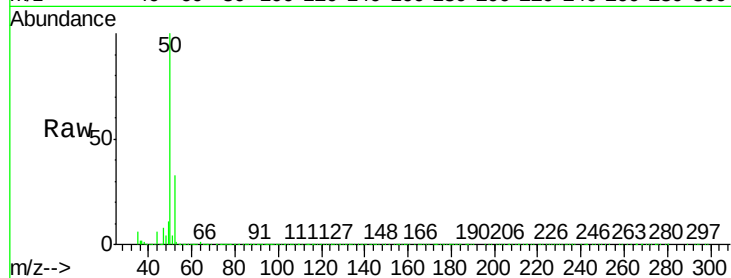
VX0110MBSD01

Tgt Ion: 50 Resp: 117706

Ion Ratio Lower Upper

50 100

52 33.4 26.1 39.1



#4

Vinyl Chloride

Concen: 20.640 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX014528.D

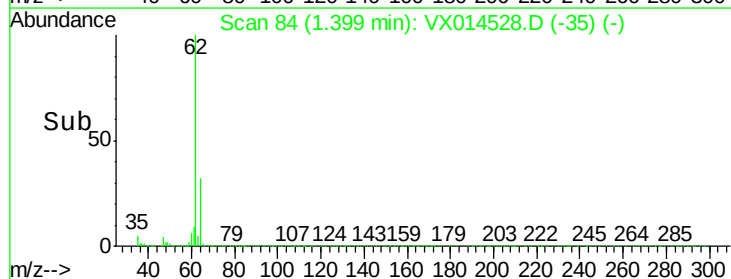
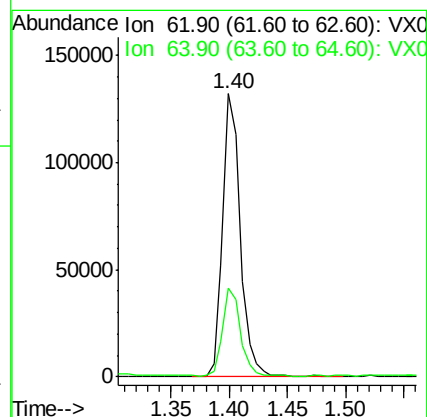
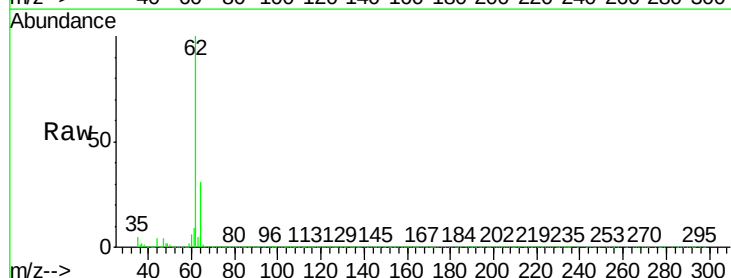
Acq: 10 Jan 2020 11:43

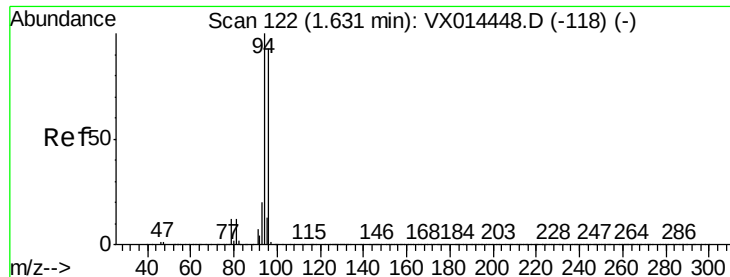
Tgt Ion: 62 Resp: 137902

Ion Ratio Lower Upper

62 100

64 31.0 24.6 37.0





#5

Bromomethane

Concen: 17.412 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

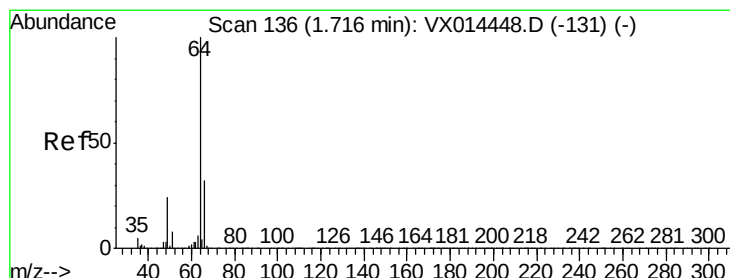
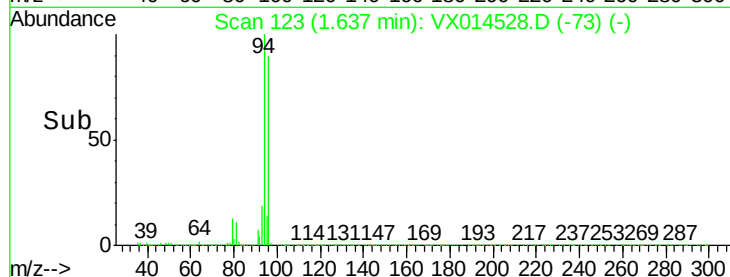
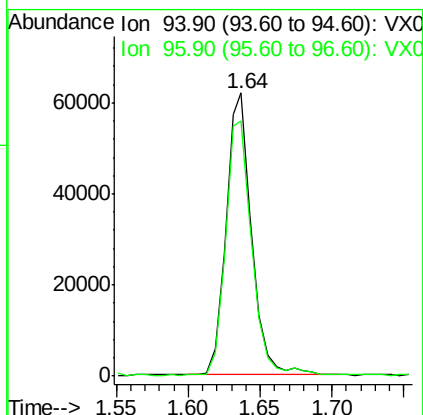
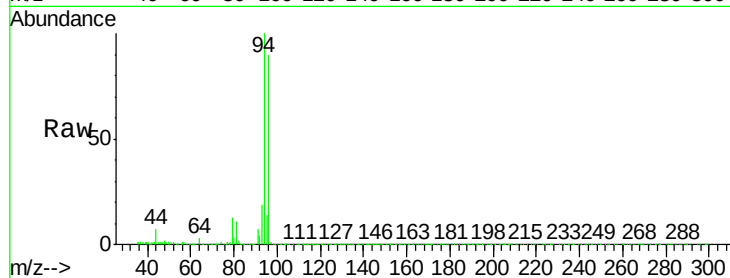
VX0110MBSD01

Tgt Ion: 94 Resp: 77113

Ion Ratio Lower Upper

94 100

96 89.8 74.2 111.2



#6

Chloroethane

Concen: 19.875 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014528.D

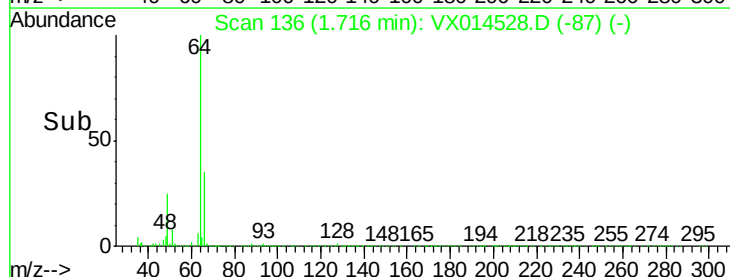
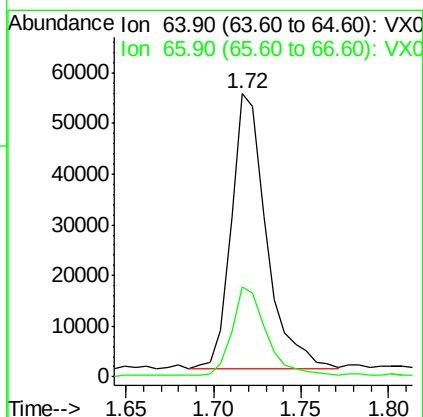
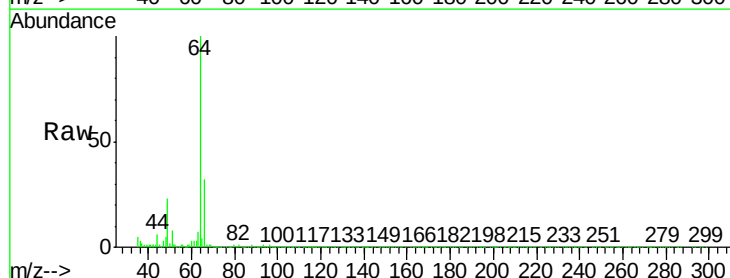
Acq: 10 Jan 2020 11:43

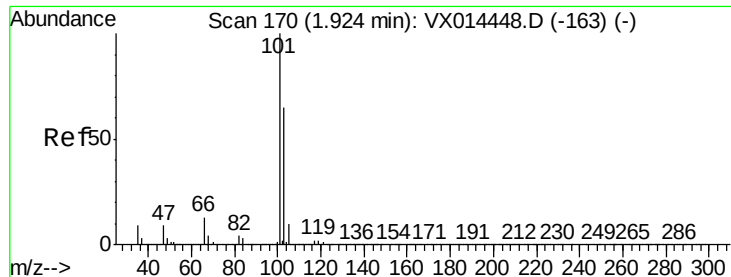
Tgt Ion: 64 Resp: 75185

Ion Ratio Lower Upper

64 100

66 32.4 25.3 37.9



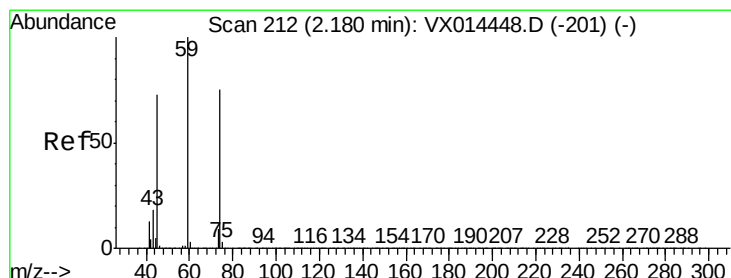
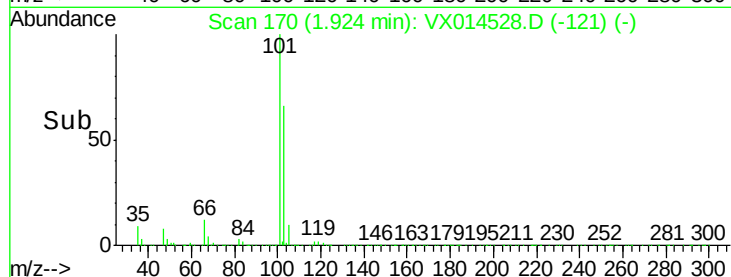
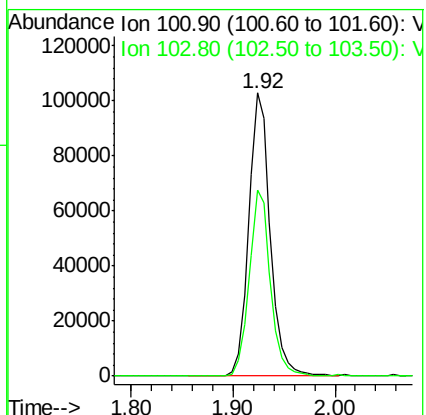
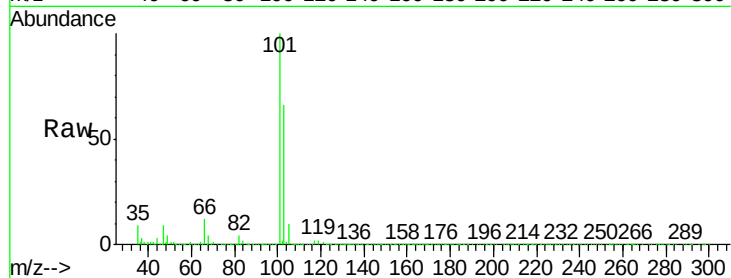


#7

Trichlorofluoromethane
Concen: 19.821 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0110MBSD01

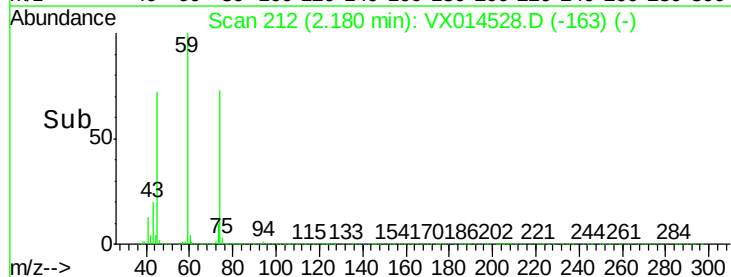
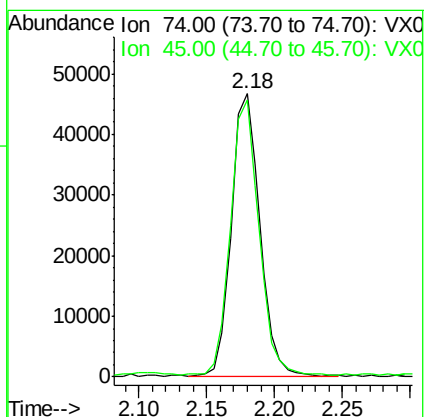
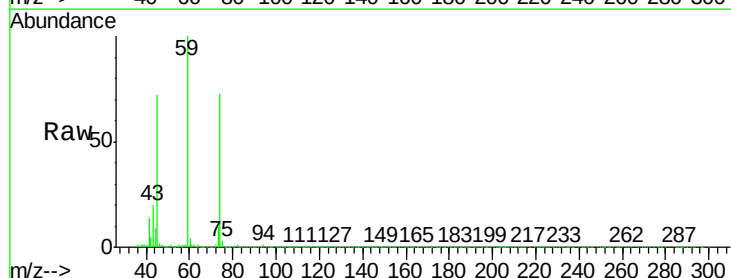
Tgt Ion:101 Resp: 150226
Ion Ratio Lower Upper
101 100
103 65.9 52.2 78.4

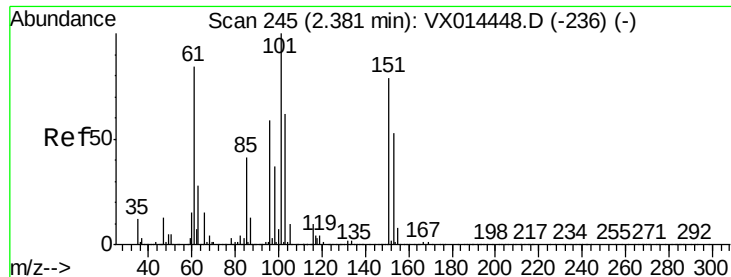


#8

Diethyl Ether
Concen: 19.449 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

Tgt Ion: 74 Resp: 67251
Ion Ratio Lower Upper
74 100
45 97.4 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.252 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0110MBSD01

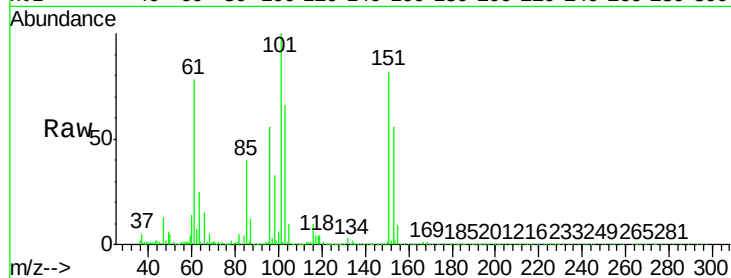
Tgt Ion:101 Resp: 88771

Ion Ratio Lower Upper

101 100

85 42.8 33.8 50.8

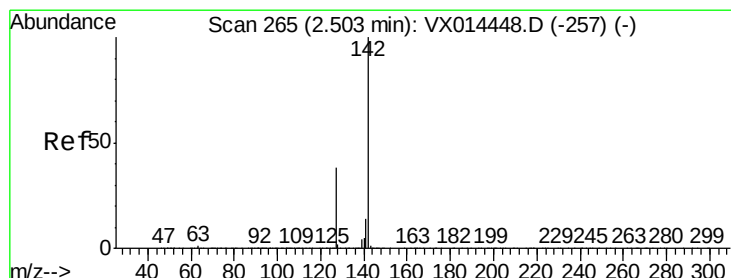
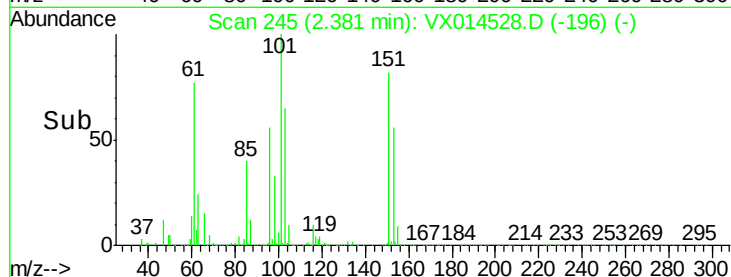
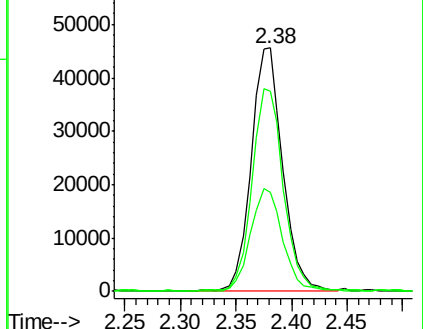
151 83.5 65.3 97.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.647 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

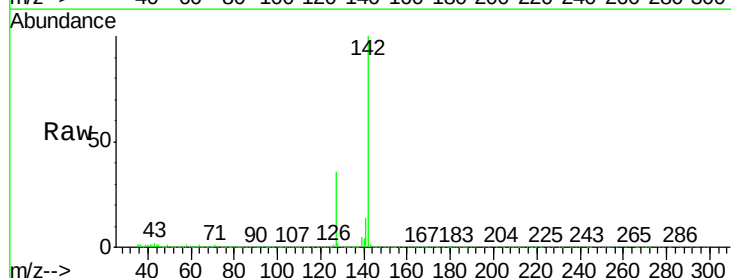
Tgt Ion:142 Resp: 108477

Ion Ratio Lower Upper

142 100

127 37.8 31.2 46.8

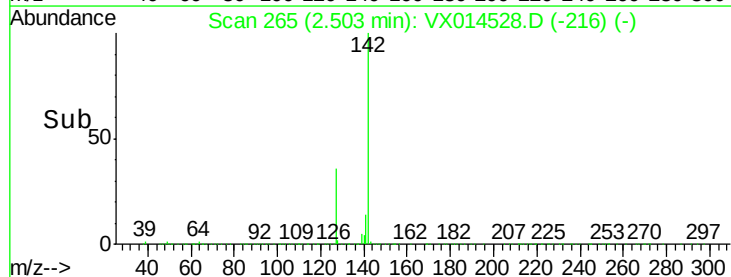
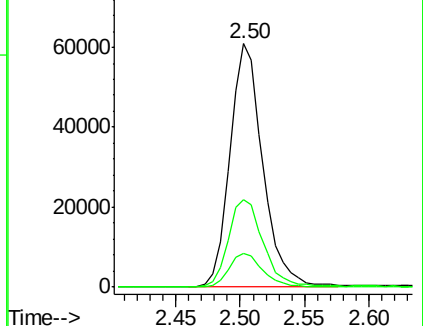
141 14.6 11.4 17.2

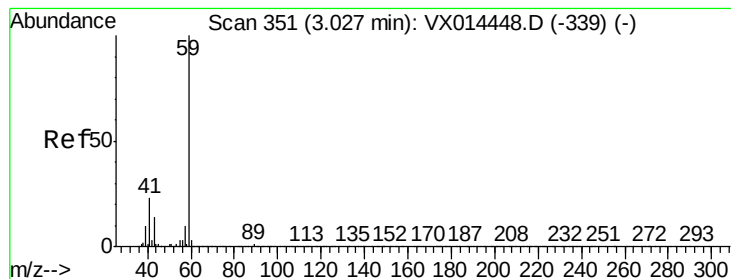


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



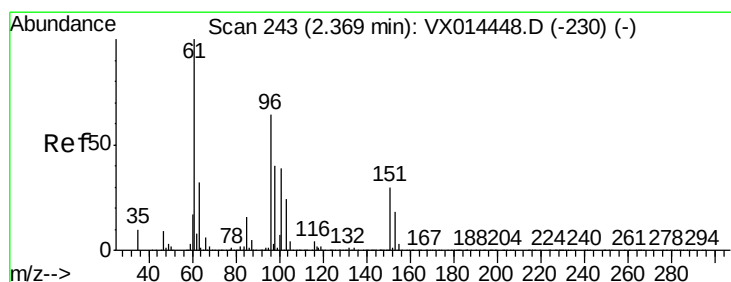
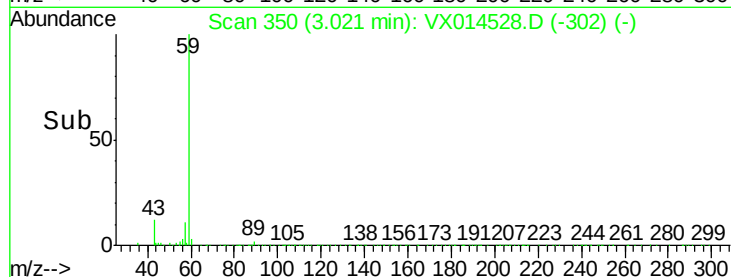
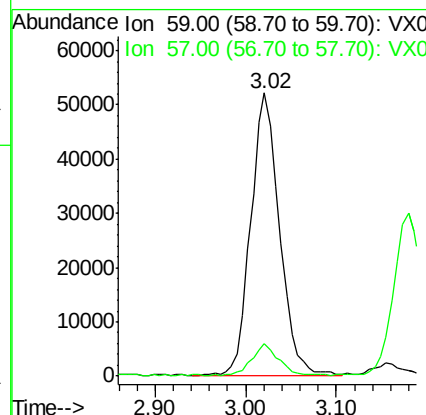
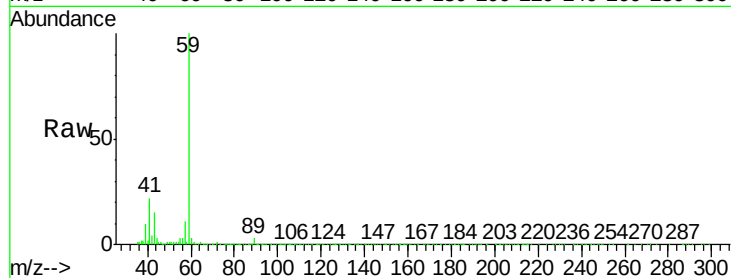


#11

Tert butyl alcohol
Concen: 105.234 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0110MBSD01

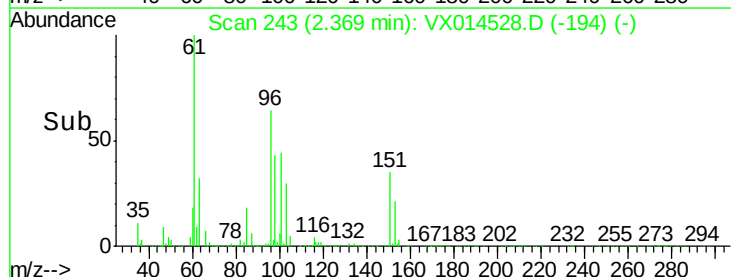
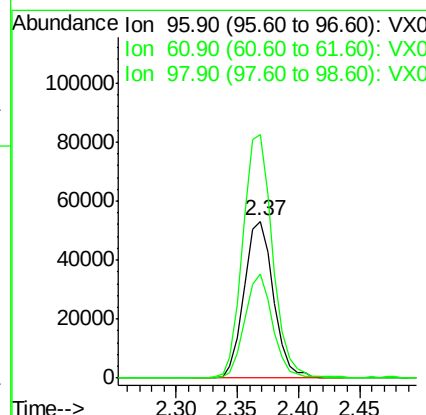
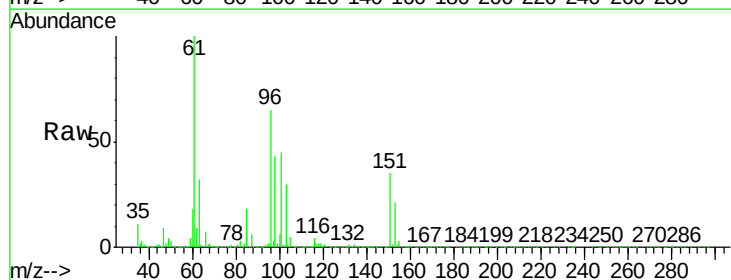
Tgt Ion: 59 Resp: 115379
Ion Ratio Lower Upper
59 100
57 10.1 8.5 12.7

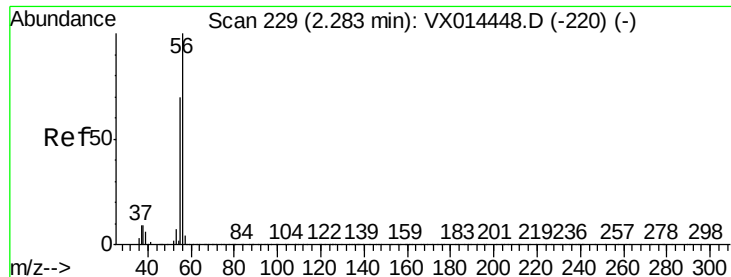


#12

1,1-Dichloroethene
Concen: 19.161 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

Tgt Ion: 96 Resp: 89016
Ion Ratio Lower Upper
96 100
61 155.3 125.0 187.6
98 66.0 50.2 75.2





#13

Acrolein

Concen: 79.098 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

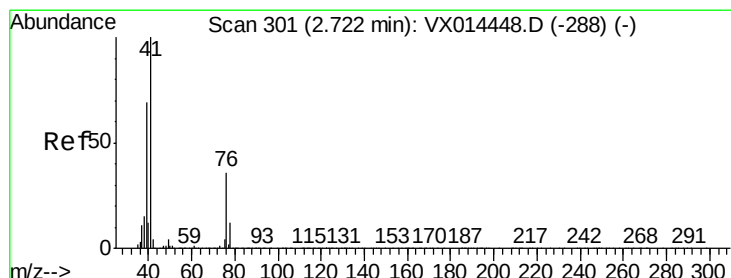
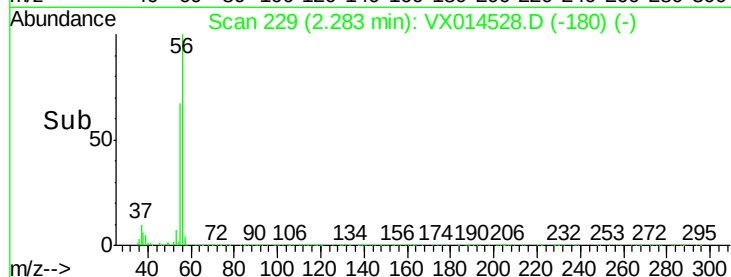
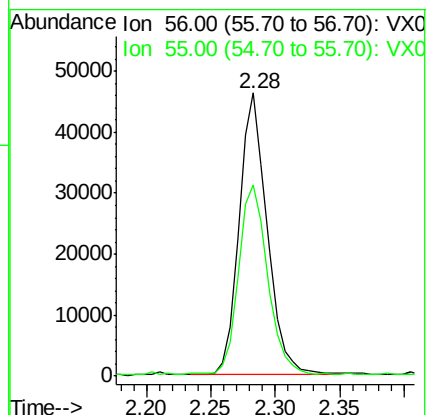
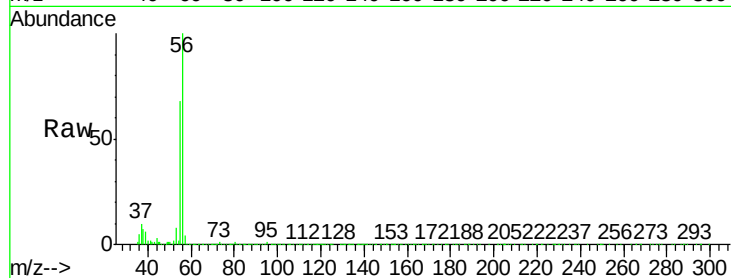
VX0110MBSD01

Tgt Ion: 56 Resp: 69511

Ion Ratio Lower Upper

56 100

55 70.1 55.0 82.6



#14

Allyl chloride

Concen: 19.229 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

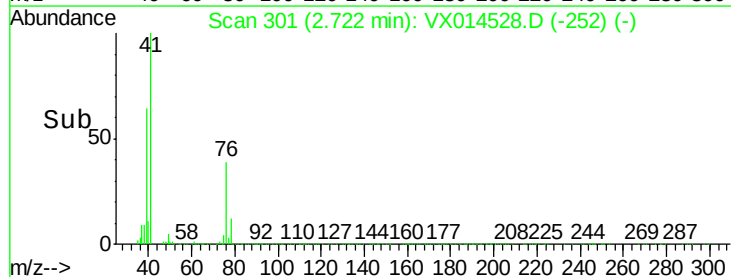
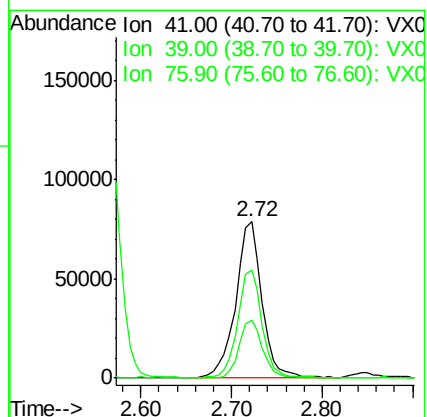
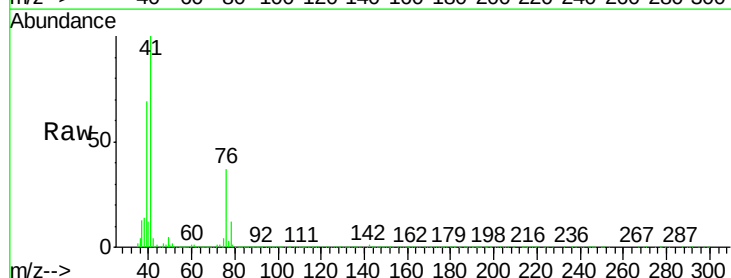
Tgt Ion: 41 Resp: 156841

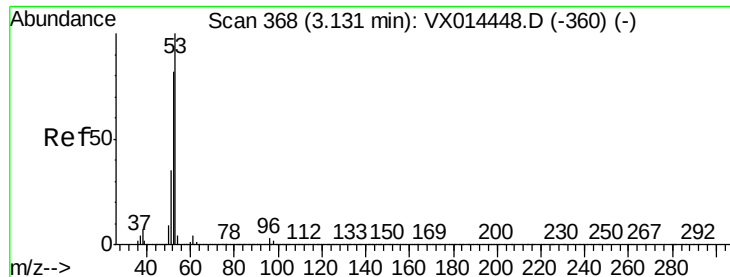
Ion Ratio Lower Upper

41 100

39 63.7 51.7 77.5

76 33.2 26.8 40.2





#15

Acrylonitrile

Concen: 102.277 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0110MBSD01

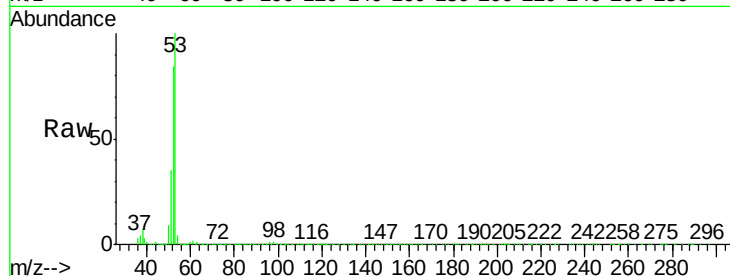
Tgt Ion: 53 Resp: 270646

Ion Ratio Lower Upper

53 100

52 82.4 67.0 100.4

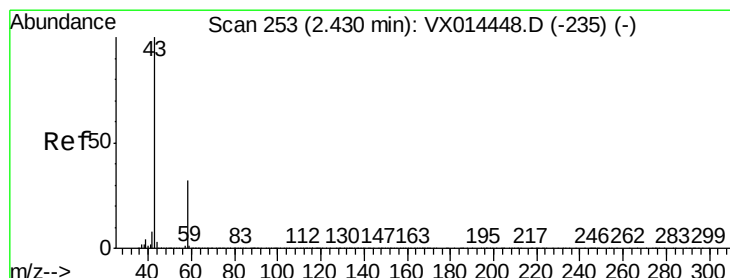
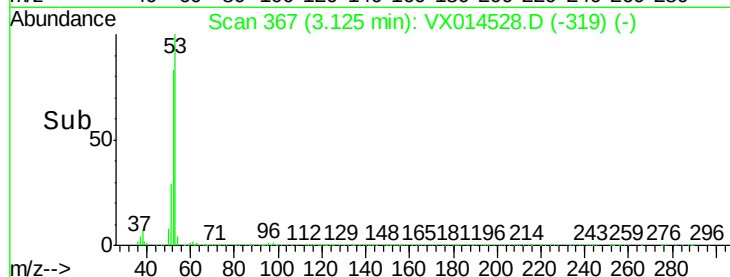
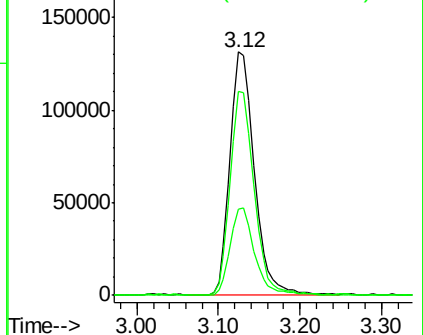
51 36.5 28.5 42.7



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: 101.208 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014528.D

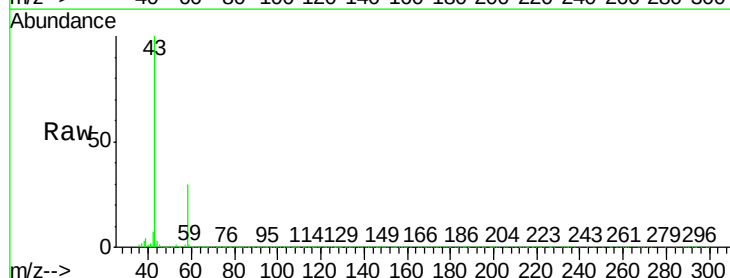
Acq: 10 Jan 2020 11:43

Tgt Ion: 43 Resp: 273014

Ion Ratio Lower Upper

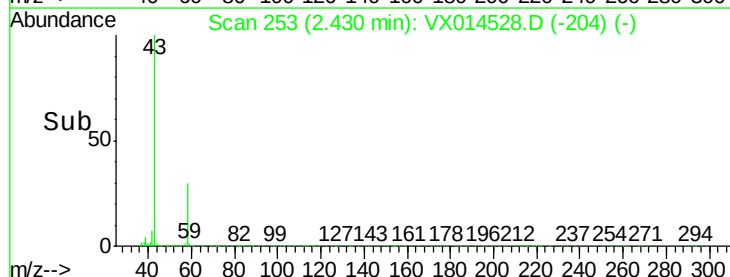
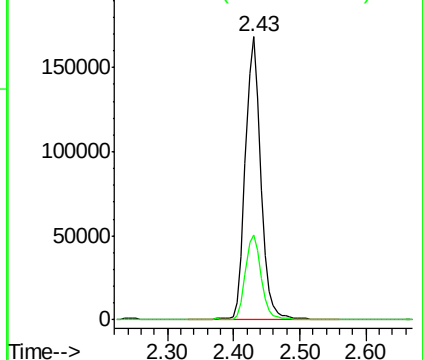
43 100

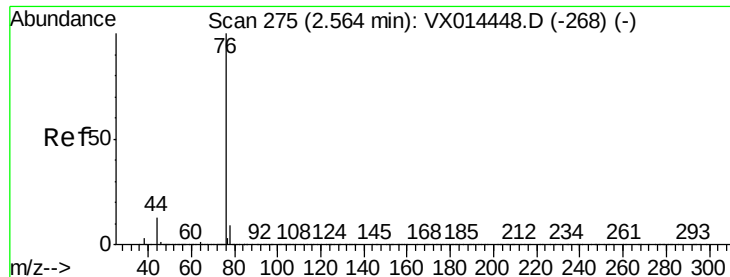
58 29.9 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 17.931 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

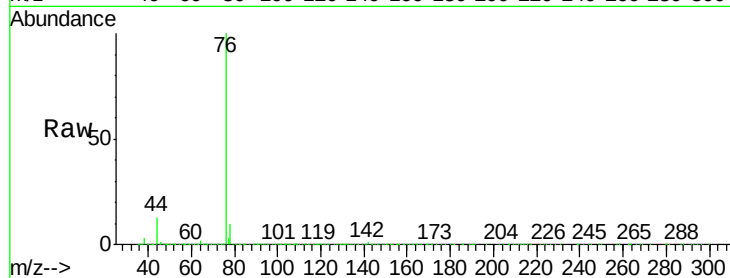
VX0110MBSD01

Tgt Ion: 76 Resp: 232432

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

150000

100000

50000

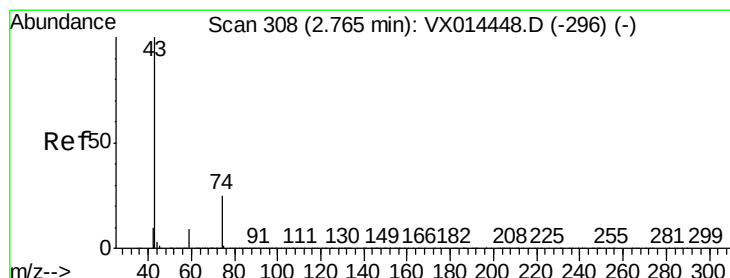
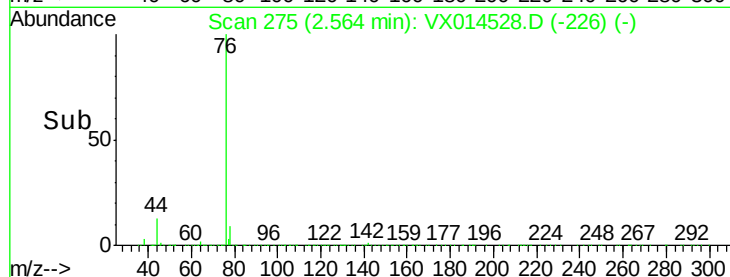
0

Time-->

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 21.742 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014528.D

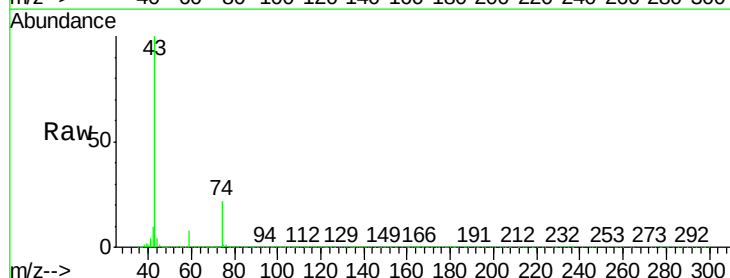
Acq: 10 Jan 2020 11:43

Tgt Ion: 43 Resp: 164086

Ion Ratio Lower Upper

43 100

74 23.7 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

100000

80000

60000

40000

20000

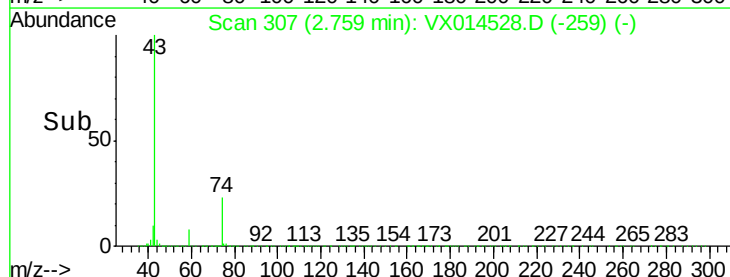
0

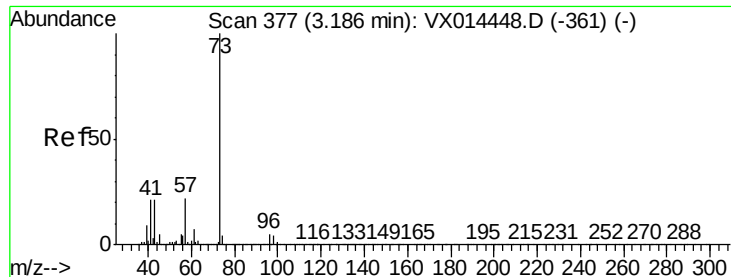
Time-->

2.70

2.80

2.90





#19

Methyl tert-butyl Ether

Concen: 20.557 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

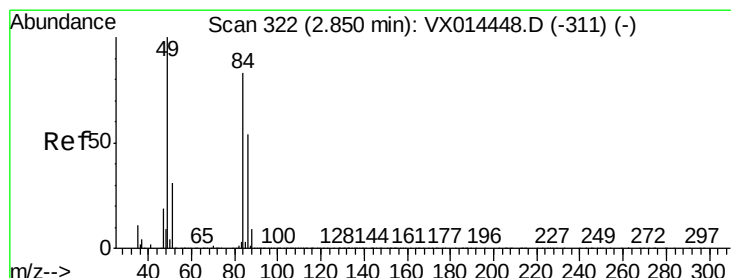
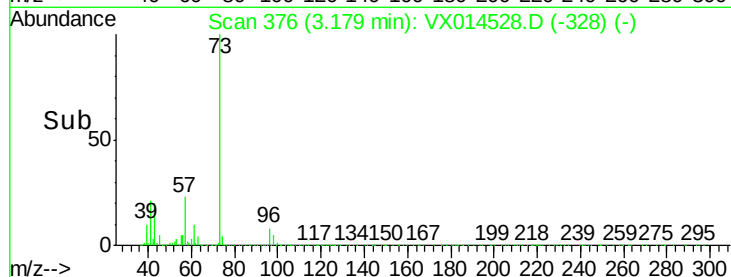
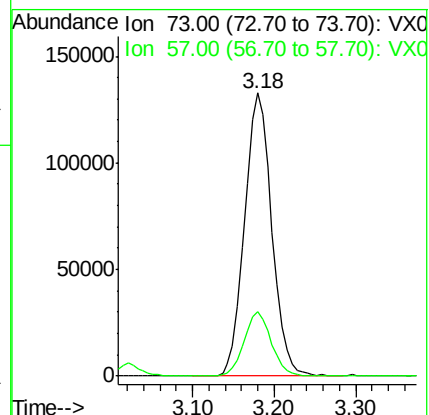
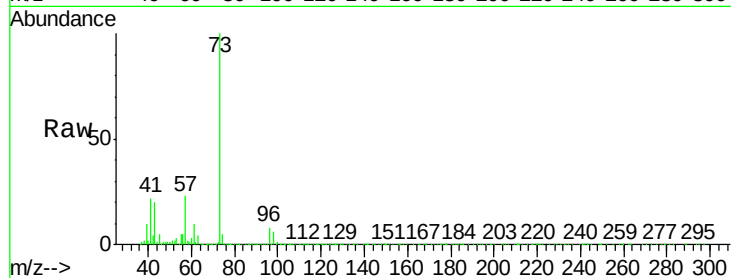
VX0110MBSD01

Tgt Ion: 73 Resp: 306580

Ion Ratio Lower Upper

73 100

57 22.5 17.8 26.8



#20

Methylene Chloride

Concen: 19.789 ug/l

RT: 2.85 min Scan# 322

Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Tgt Ion: 84 Resp: 104533

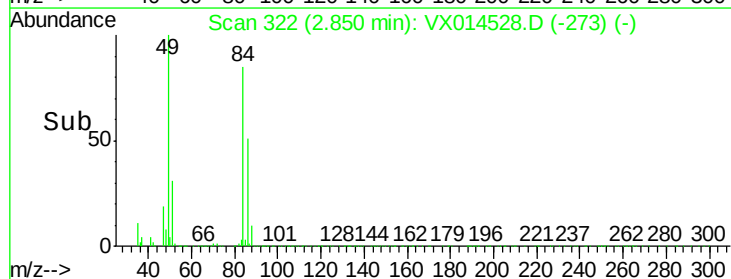
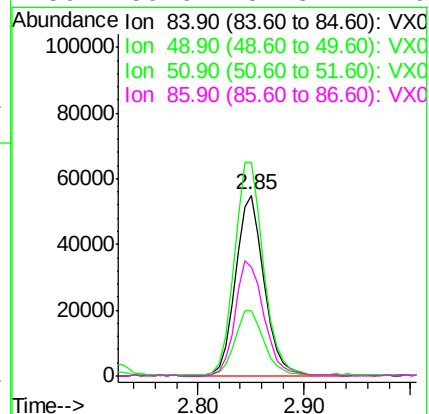
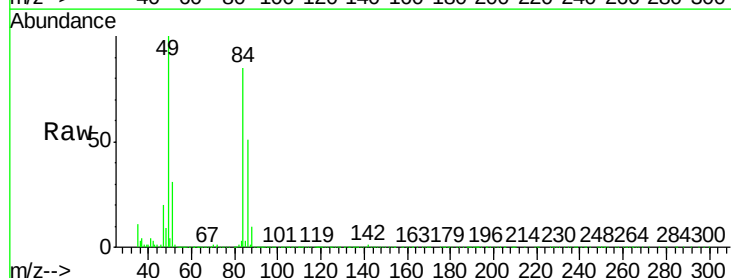
Ion Ratio Lower Upper

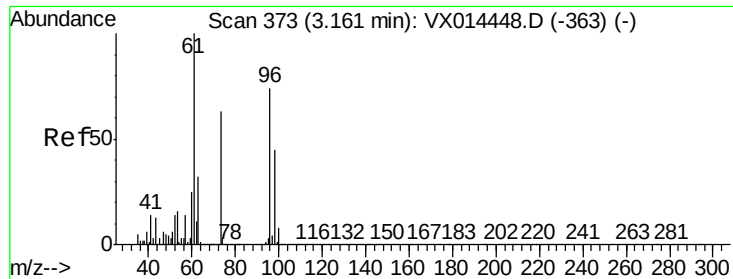
84 100

49 117.6 95.8 143.8

51 35.9 30.2 45.4

86 59.6 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 18.762 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0110MBSD01

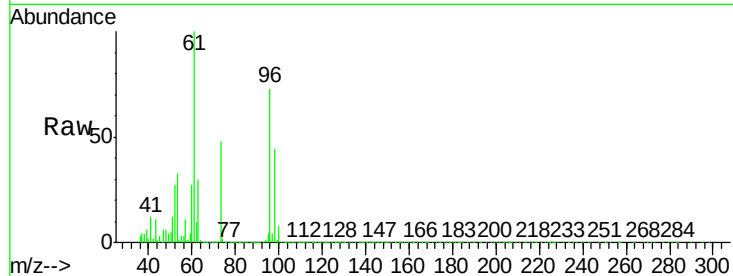
Tgt Ion: 96 Resp: 95156

Ion Ratio Lower Upper

96 100

61 137.4 108.2 162.4

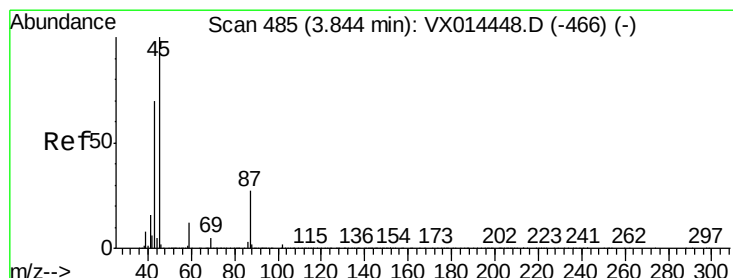
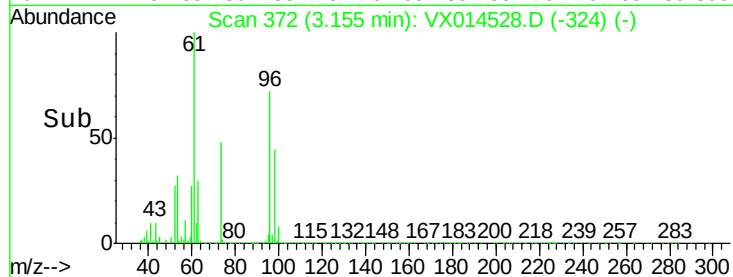
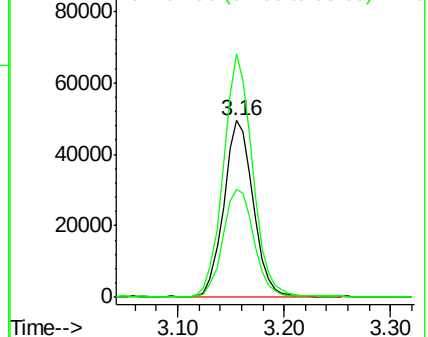
98 60.7 48.8 73.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.761 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Tgt Ion: 45 Resp: 327240

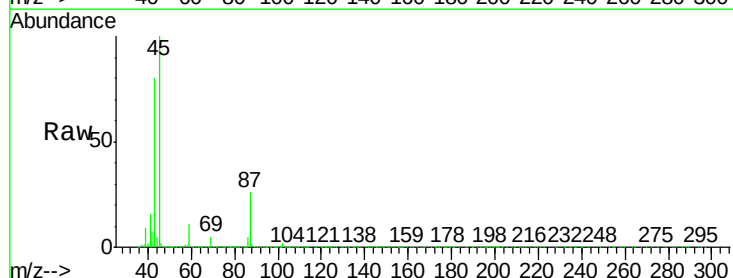
Ion Ratio Lower Upper

45 100

43 80.2 55.8 83.6

87 26.4 21.8 32.8

59 10.6 9.1 13.7

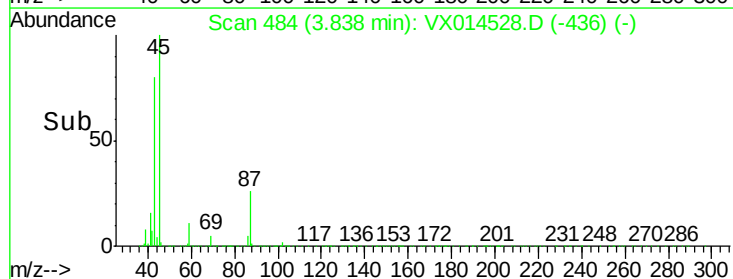
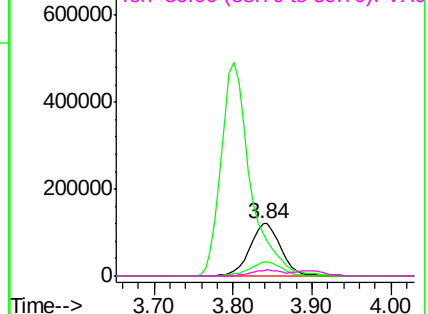


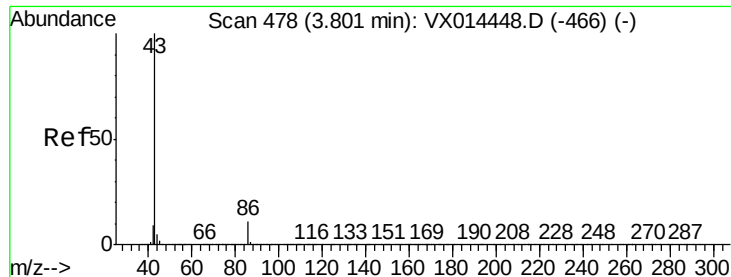
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 104.758 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

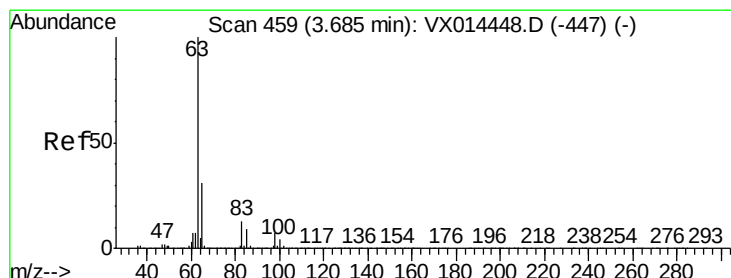
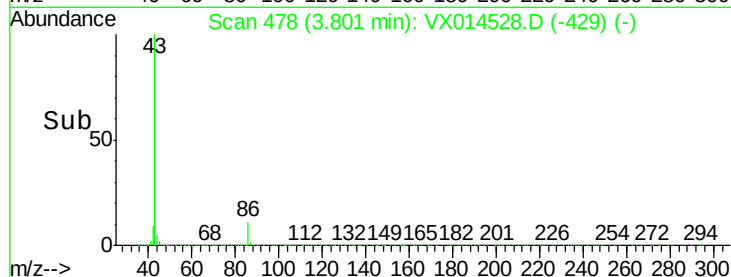
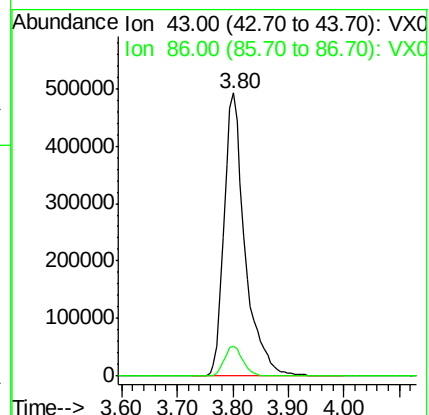
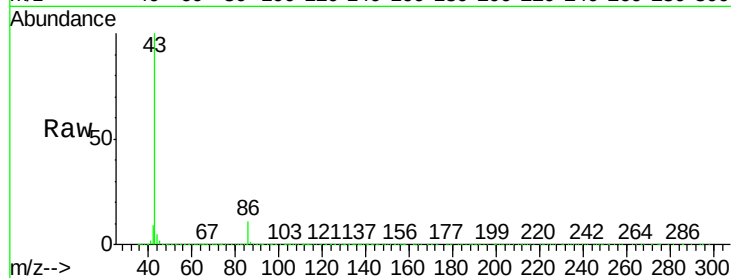
VX0110MBSD01

Tgt Ion: 43 Resp: 1278411

Ion Ratio Lower Upper

43 100

86 10.7 8.4 12.6



#24

1,1-Dichloroethane

Concen: 20.241 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

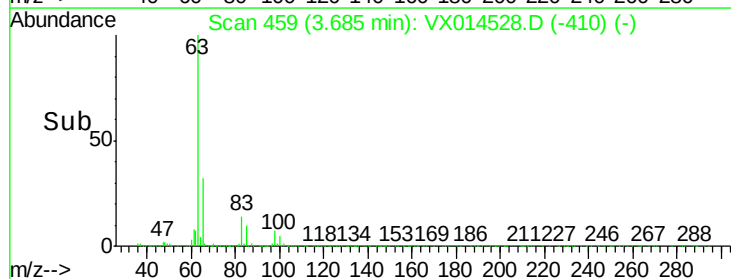
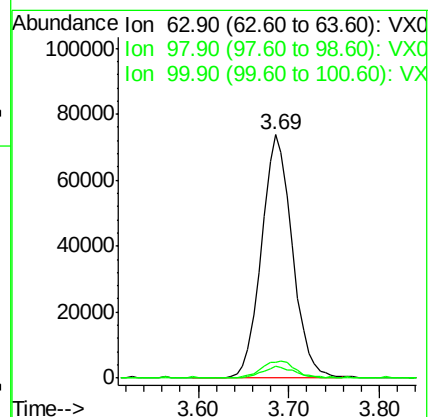
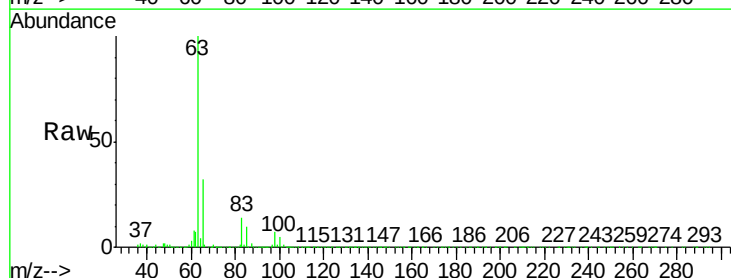
Tgt Ion: 63 Resp: 173563

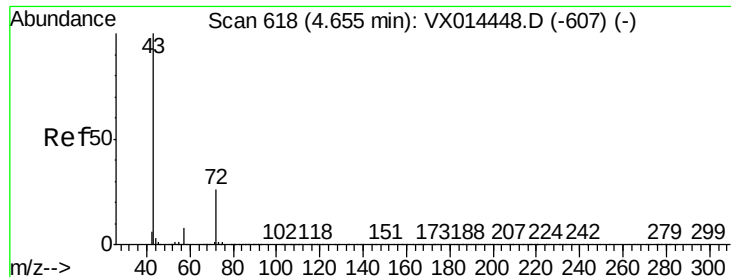
Ion Ratio Lower Upper

63 100

98 6.4 3.6 10.9

100 4.5 2.3 6.8





#25

2-Butanone

Concen: 100.390 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

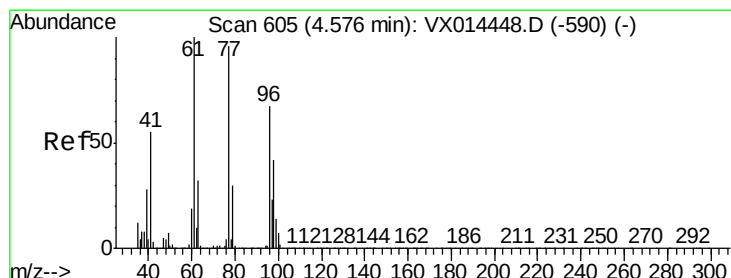
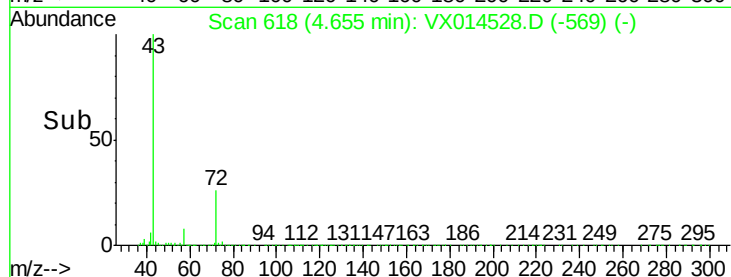
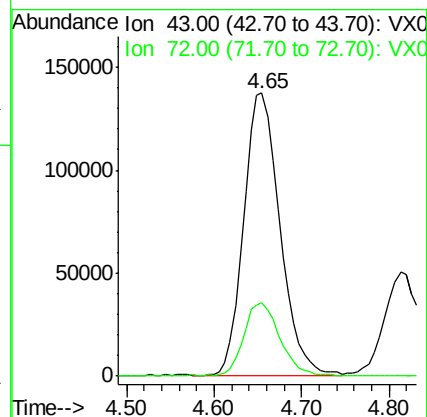
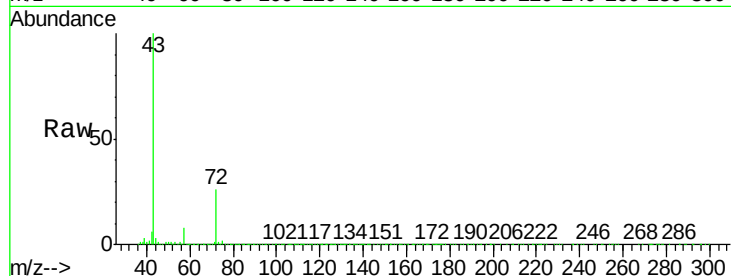
VX0110MBSD01

Tgt Ion: 43 Resp: 393768

Ion Ratio Lower Upper

43 100

72 25.6 20.6 31.0



#26

2,2-Dichloropropane

Concen: 18.913 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014528.D

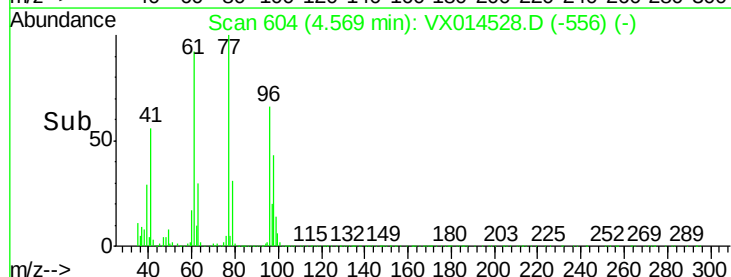
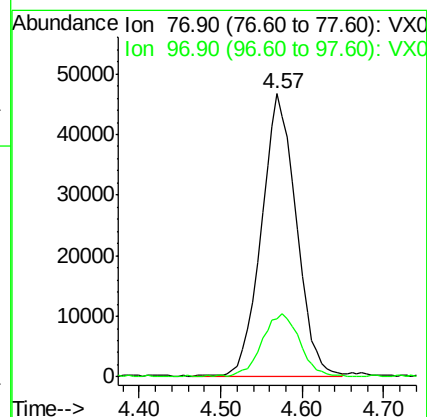
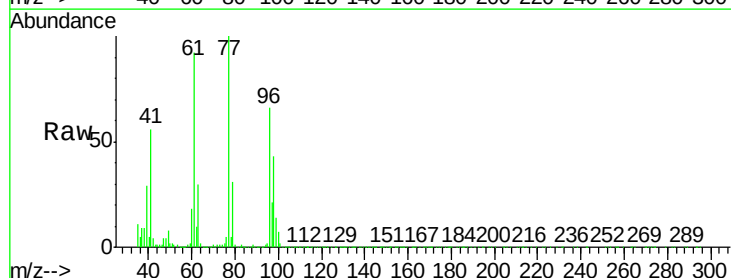
Acq: 10 Jan 2020 11:43

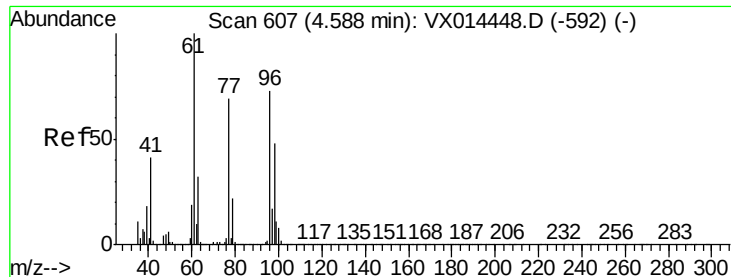
Tgt Ion: 77 Resp: 137380

Ion Ratio Lower Upper

77 100

97 24.7 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 19.517 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0110MBSD01

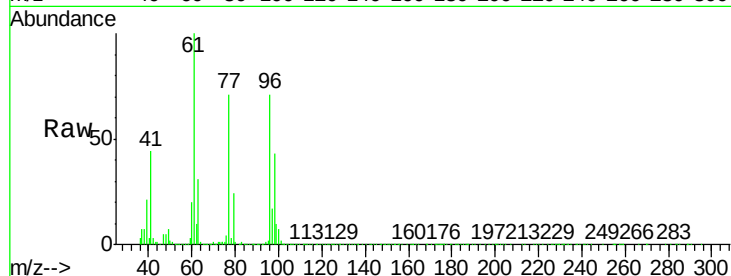
Tgt Ion: 96 Resp: 110657

Ion Ratio Lower Upper

96 100

61 144.4 0.0 285.4

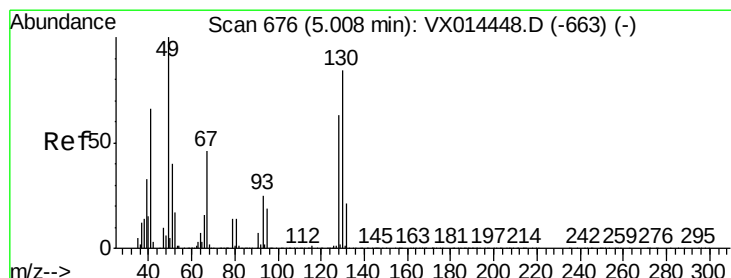
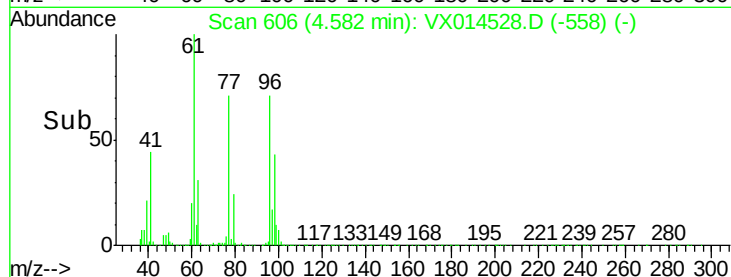
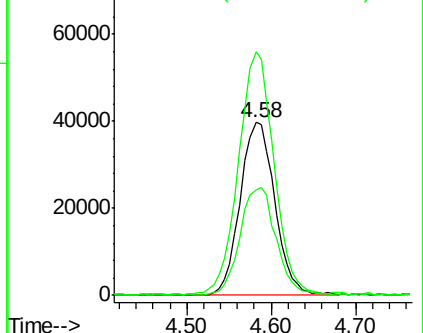
98 63.3 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 19.872 ug/l

RT: 5.00 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

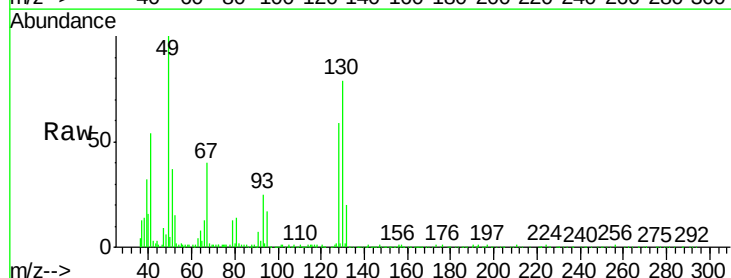
Tgt Ion: 49 Resp: 71801

Ion Ratio Lower Upper

49 100

129 1.1 0.0 4.4

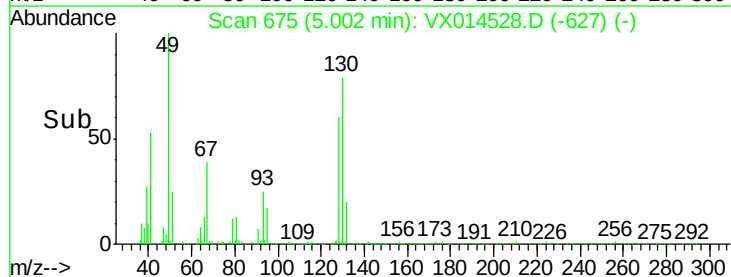
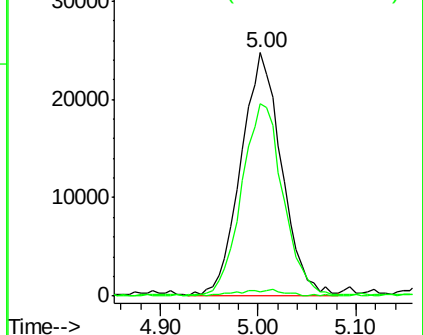
130 79.5 67.0 100.4

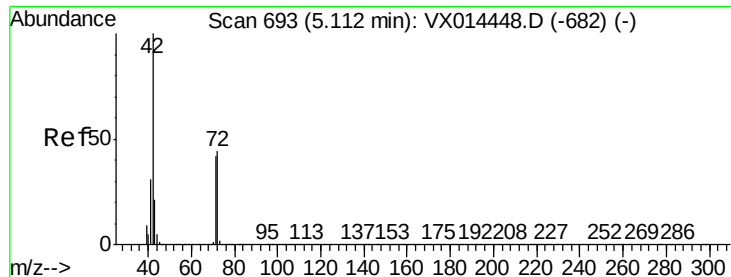


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

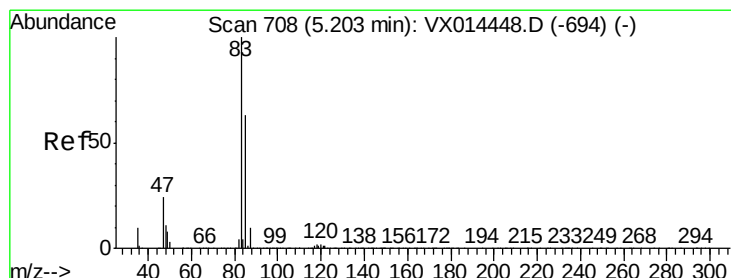
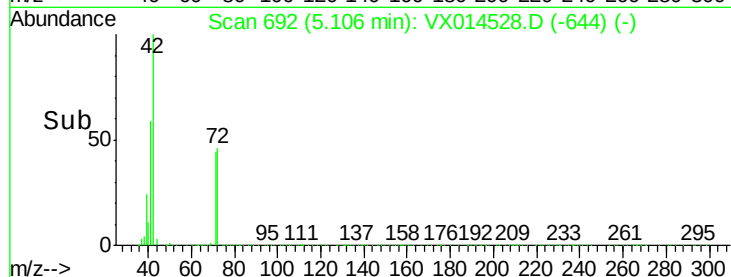
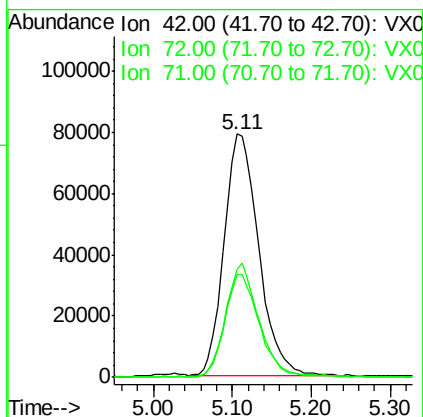
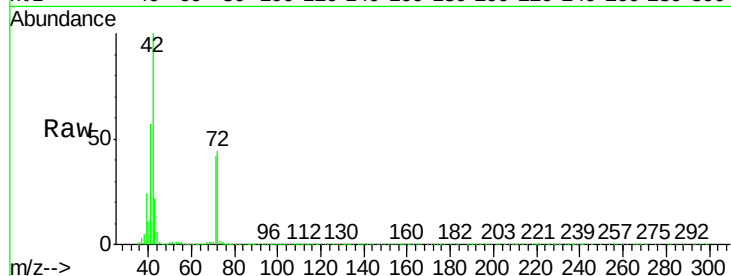




#29
Tetrahydrofuran
Concen: 104.027 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

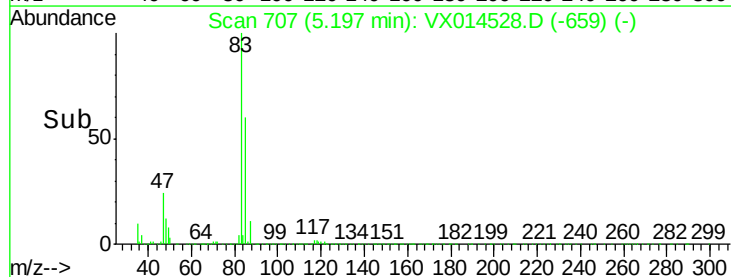
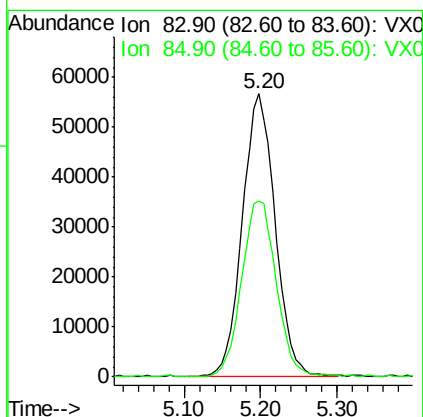
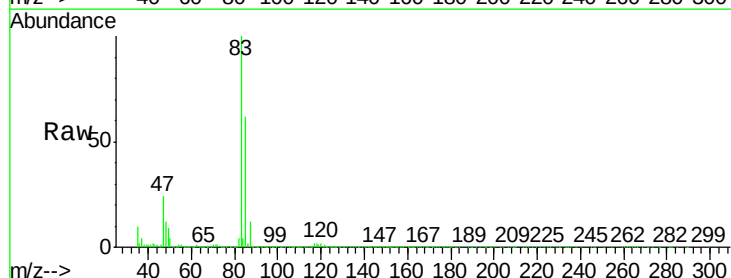
Instrument :
MSVOA_X
ClientSampleId :
VX0110MBS01

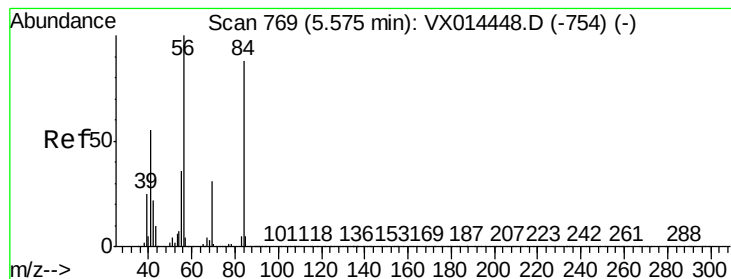
Tgt Ion	Ratio	Lower	Upper
42	100		
72	44.8	36.2	54.4
71	41.8	34.1	51.1



#30
Chloroform
Concen: 20.087 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.9	50.6	75.8





#31

Cyclohexane

Concen: 20.008 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0110MBSD01

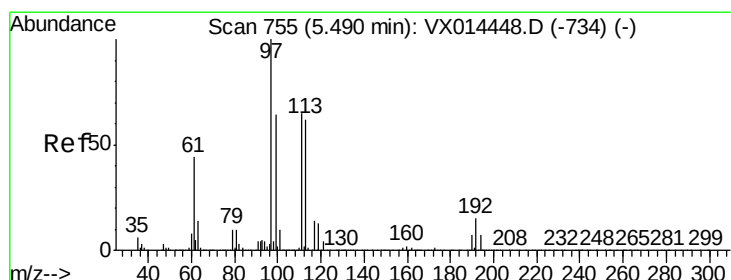
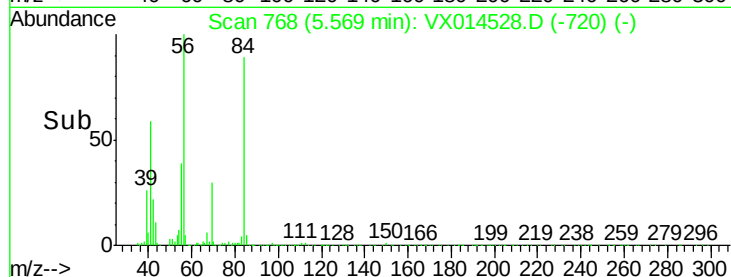
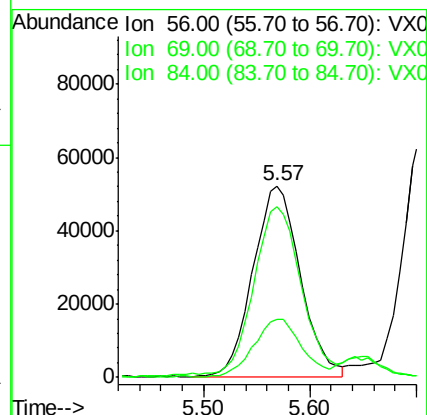
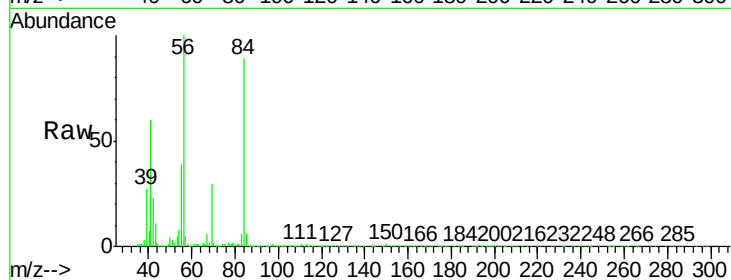
Tgt Ion: 56 Resp: 160583

Ion Ratio Lower Upper

56 100

69 30.1 24.4 36.6

84 87.9 70.6 106.0



#32

1,1,1-Trichloroethane

Concen: 19.607 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

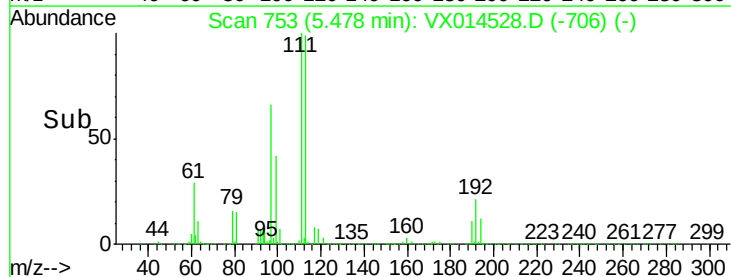
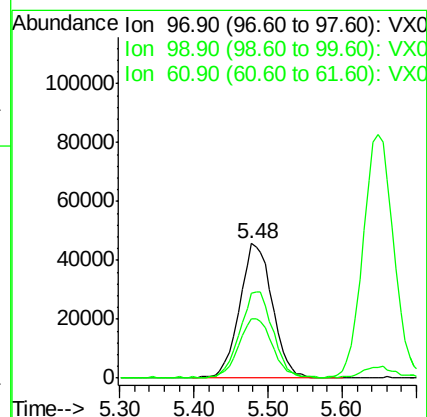
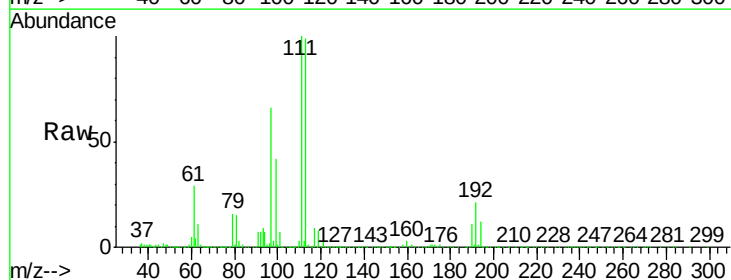
Tgt Ion: 97 Resp: 140628

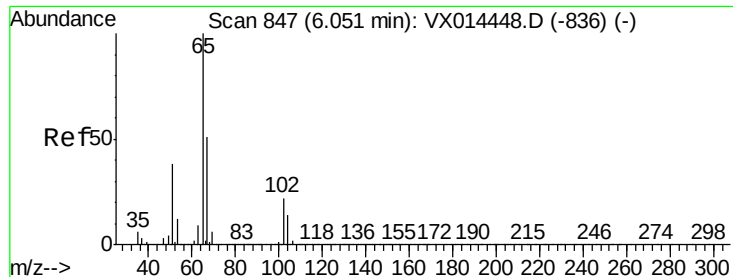
Ion Ratio Lower Upper

97 100

99 64.7 51.8 77.6

61 46.5 35.9 53.9

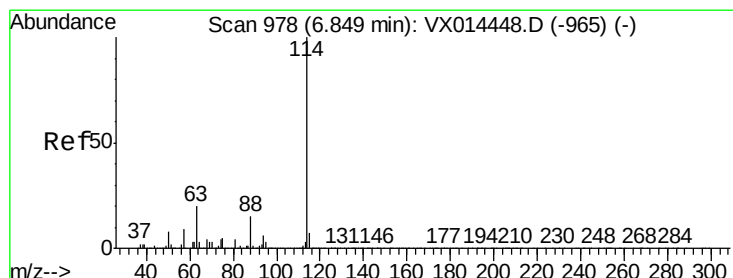
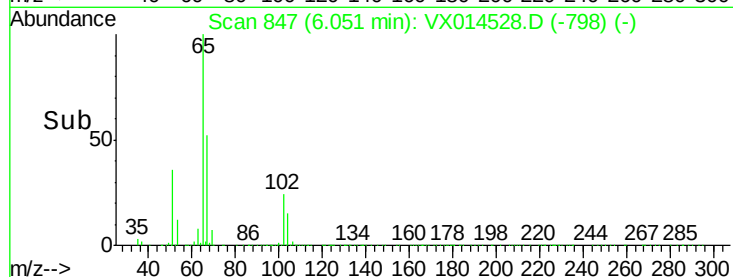
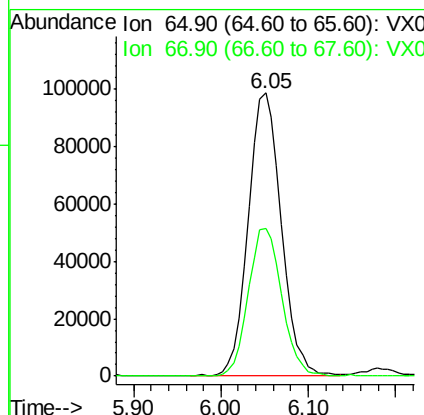
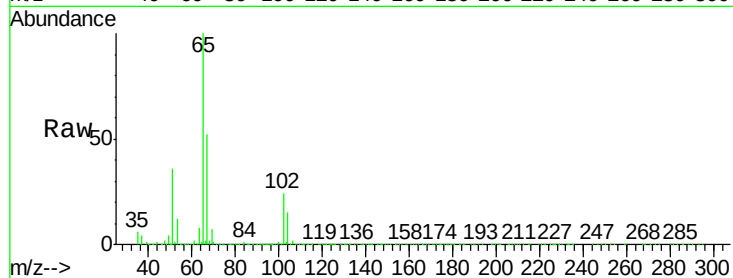




#33
 1,2-Dichloroethane-d4
 Concen: 49.371 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX014528.D
 Acq: 10 Jan 2020 11:43

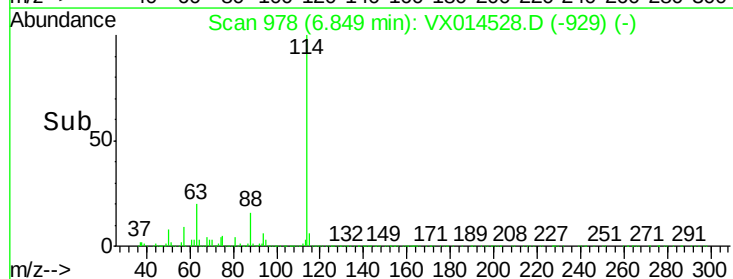
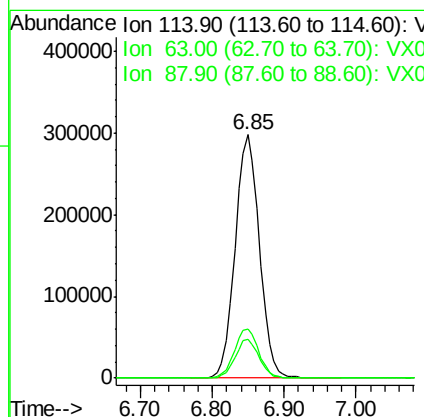
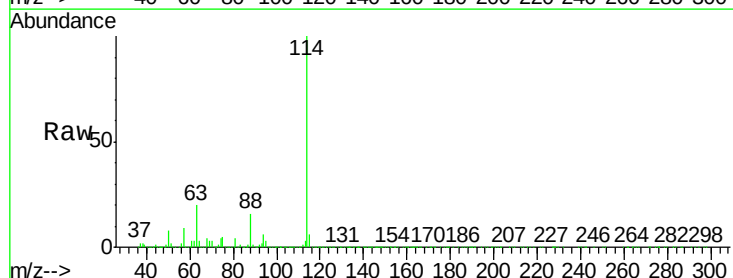
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110MBSD01

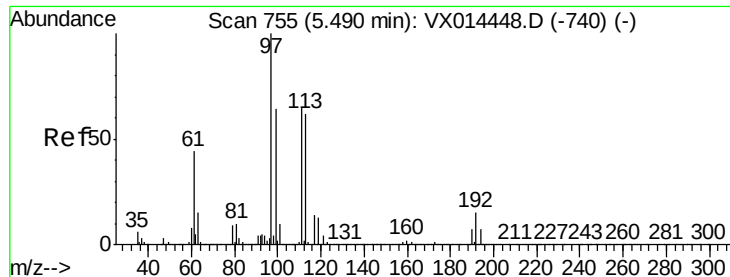
Tgt Ion: 65 Resp: 259247
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX014528.D
 Acq: 10 Jan 2020 11:43

Tgt Ion: 114 Resp: 697077
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.6
 88 15.7 0.0 30.8

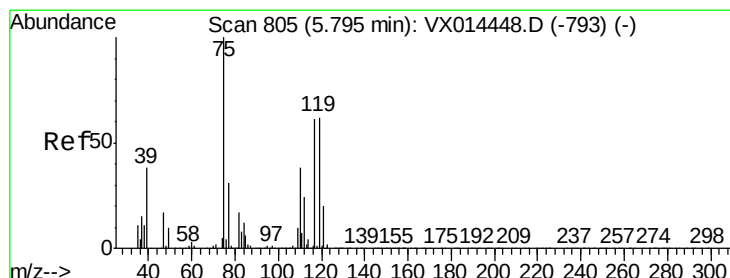
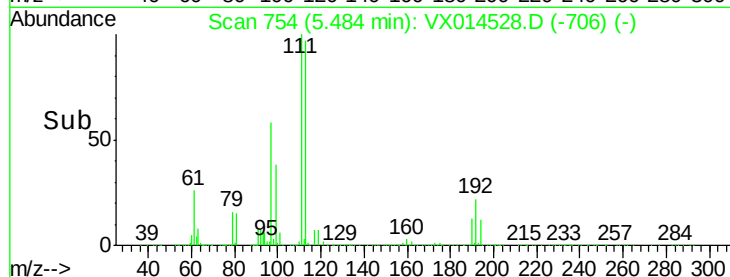
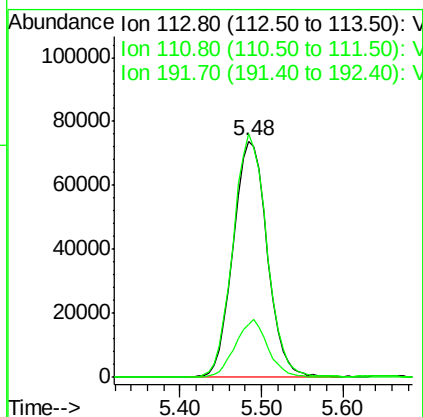
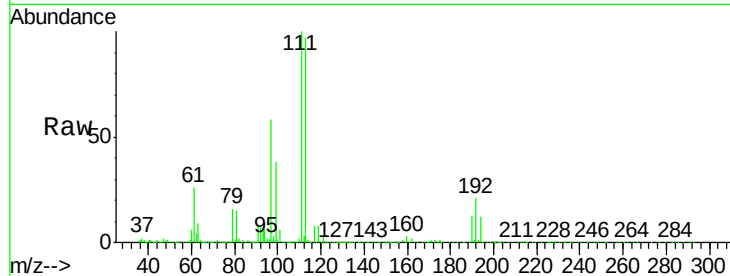




#35
Dibromofluoromethane
Concen: 50.414 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

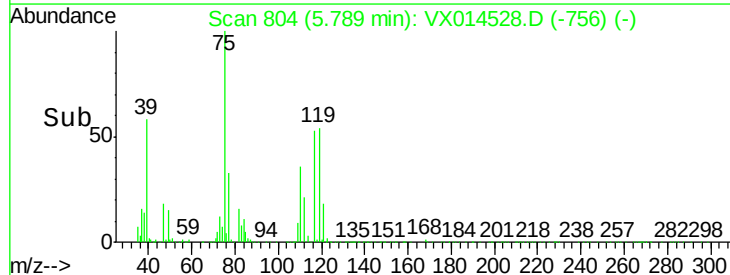
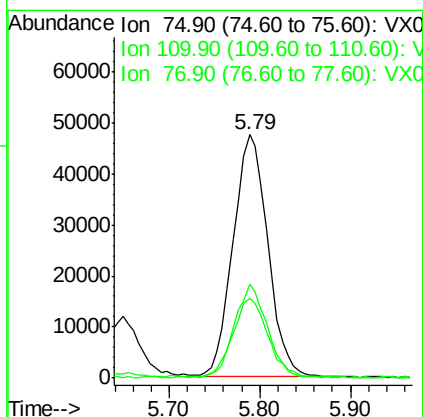
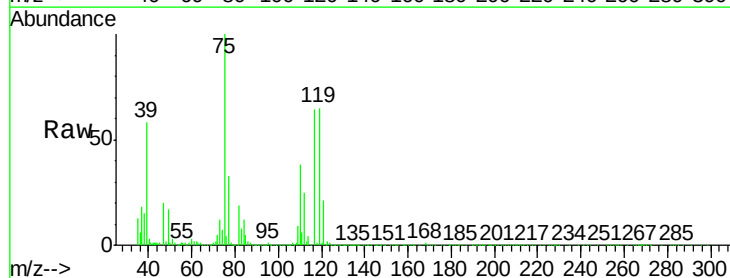
Instrument :
MSVOA_X
ClientSampleId :
VX0110MBSD01

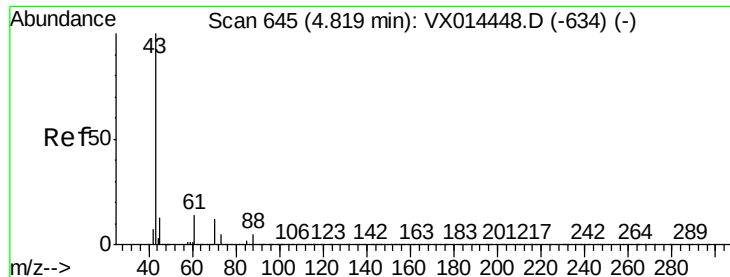
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.5	122.3
192	23.4	19.2	28.8



#36
1,1-Dichloropropene
Concen: 19.269 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.4	18.6	55.8
77	32.3	24.5	36.7

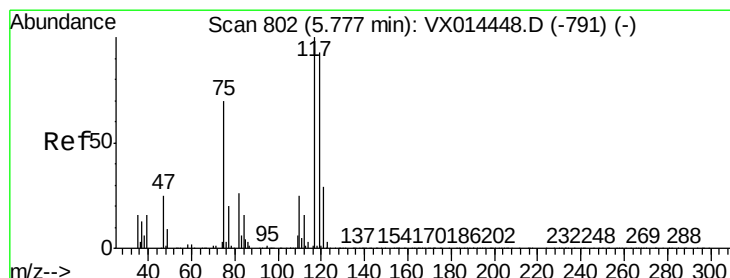
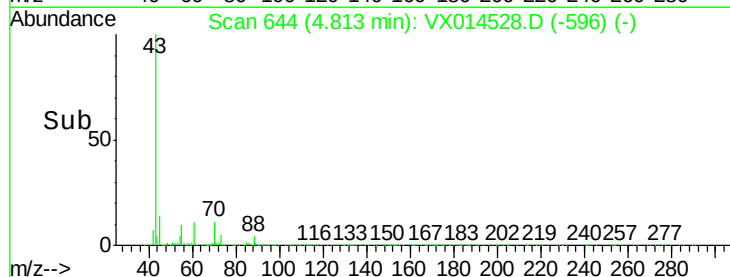
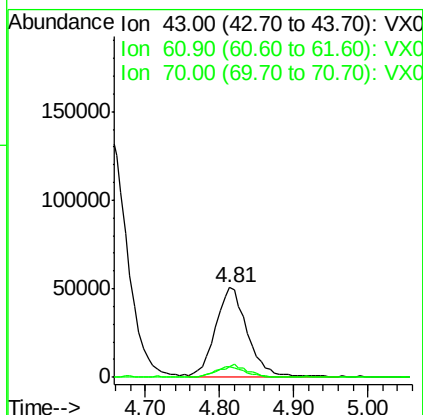
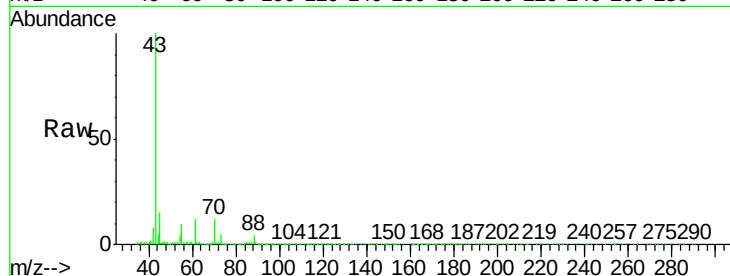




#37
Ethyl Acetate
Concen: 20.664 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

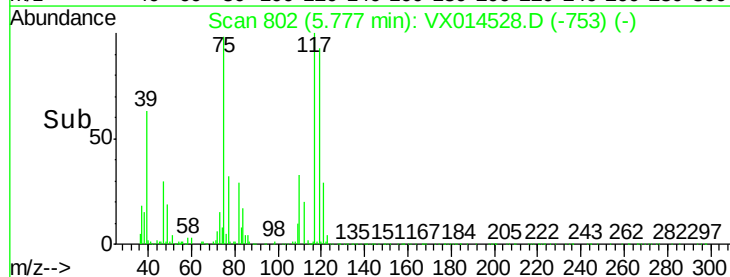
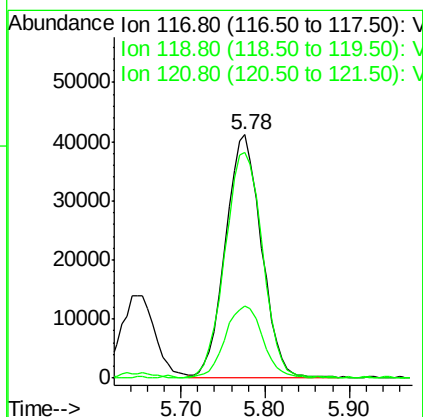
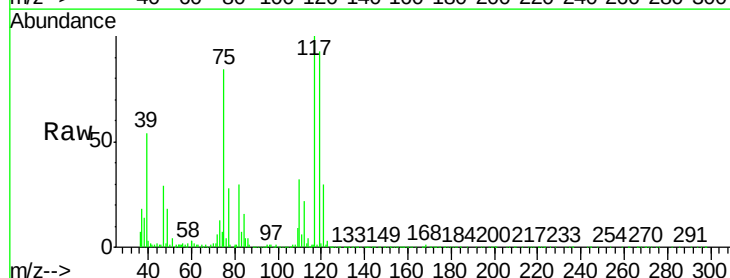
Instrument :
MSVOA_X
ClientSampled :
VX0110MBS01

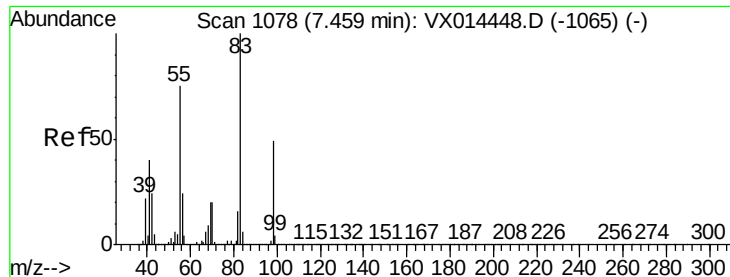
Tgt Ion: 43 Resp: 147135
Ion Ratio Lower Upper
43 100
61 13.5 11.1 16.7
70 11.0 8.9 13.3



#38
Carbon Tetrachloride
Concen: 19.750 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

Tgt Ion: 117 Resp: 119141
Ion Ratio Lower Upper
117 100
119 92.7 73.8 110.8
121 29.5 23.4 35.0

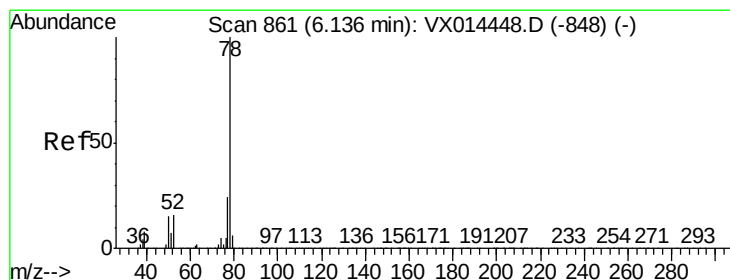
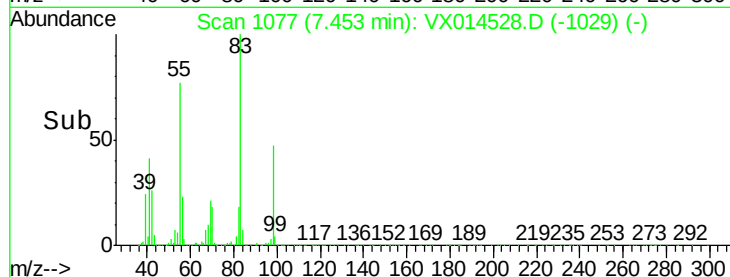
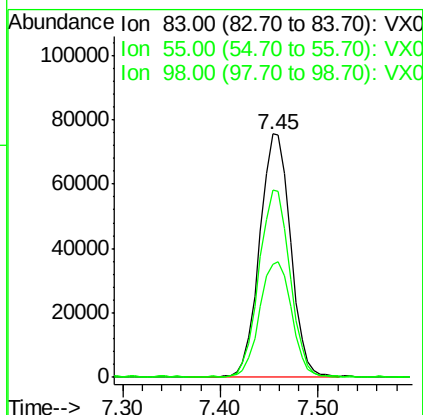
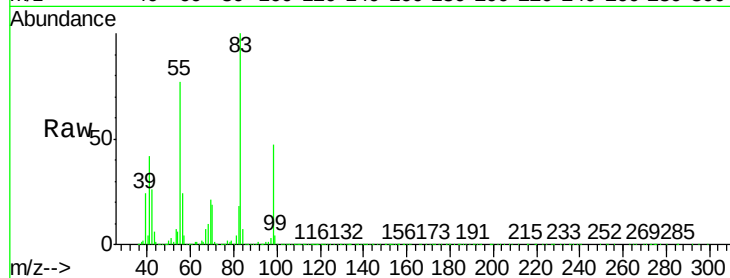




#39
Methylcyclohexane
Concen: 20.170 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

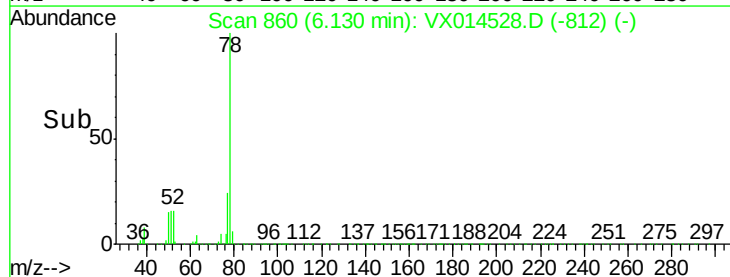
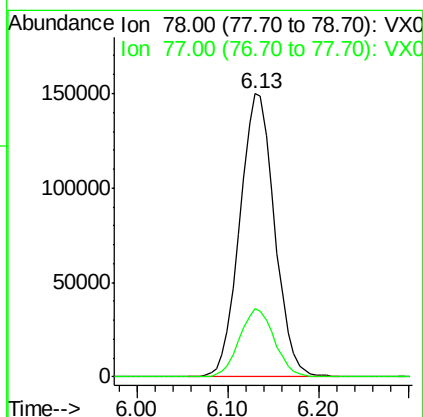
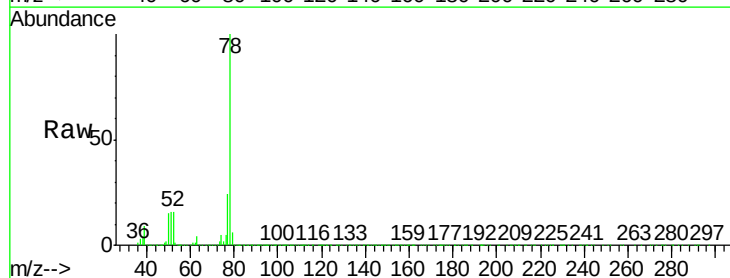
Instrument :
MSVOA_X
ClientSampleId :
VX0110MBSD01

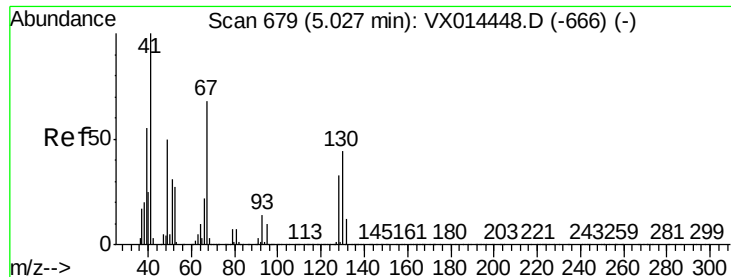
Tgt Ion: 83 Resp: 166114
Ion Ratio Lower Upper
83 100
55 76.5 59.7 89.5
98 46.4 39.1 58.7



#40
Benzene
Concen: 20.466 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

Tgt Ion: 78 Resp: 398200
Ion Ratio Lower Upper
78 100
77 24.3 19.5 29.3

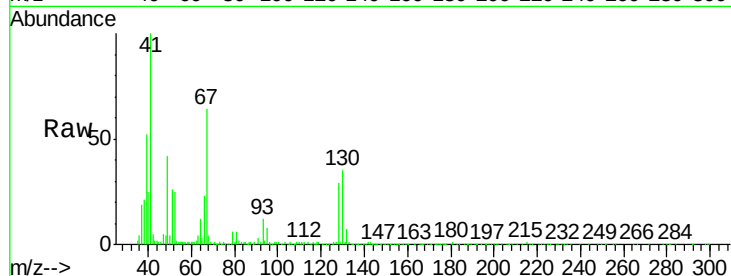




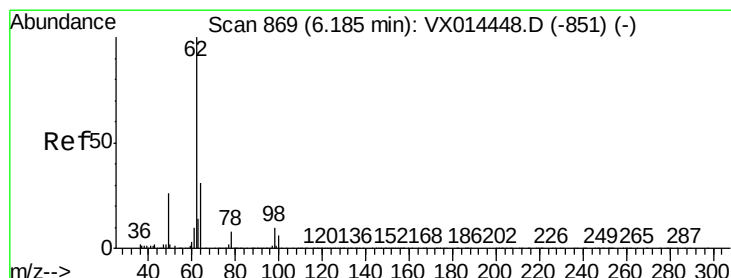
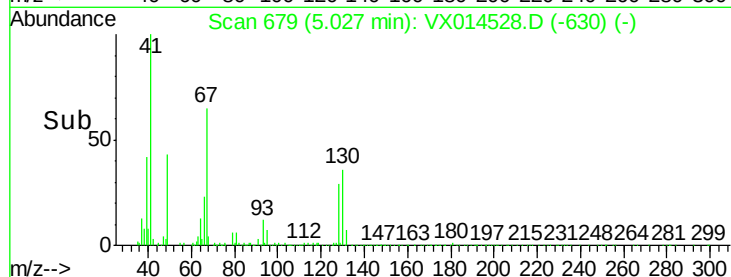
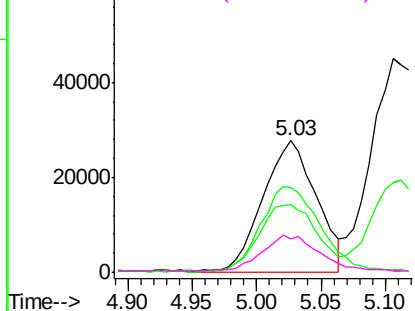
#41
Methacrylonitrile
Concen: 21.199 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

Instrument :
MSVOA_X
ClientSampled :
VX0110MBSD01

Tgt Ion:	41	Resp:	80496
Ion	Ratio	Lower	Upper
41	100		
39	52.4	43.6	65.4
67	71.6	57.9	86.9
52	29.1	23.0	34.6

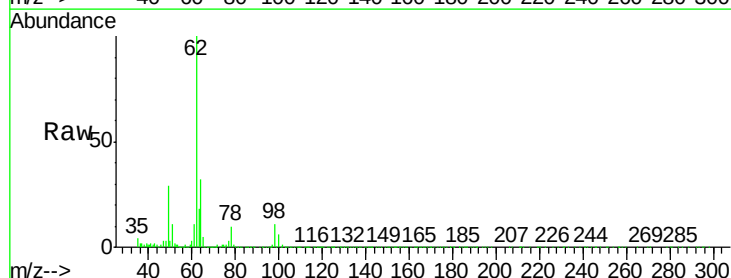


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

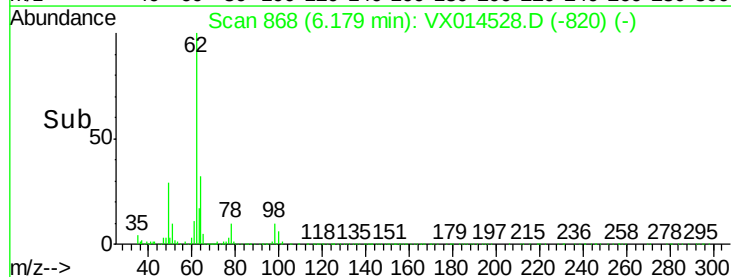
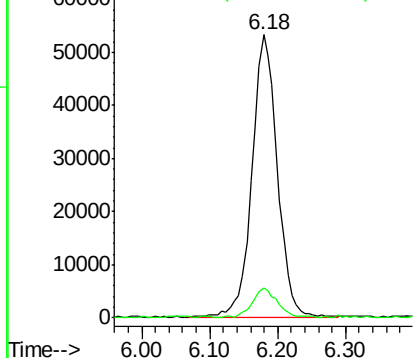


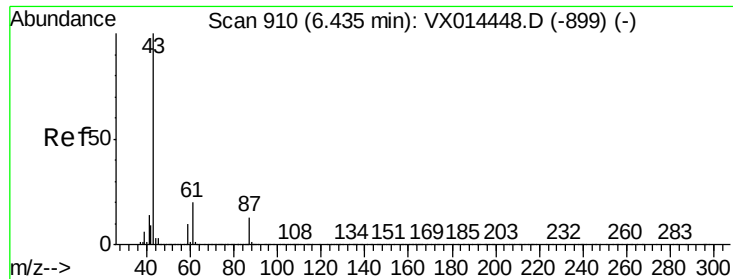
#42
1,2-Dichloroethane
Concen: 20.350 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

Tgt Ion:	62	Resp:	138434
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.672 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0110MBSD01

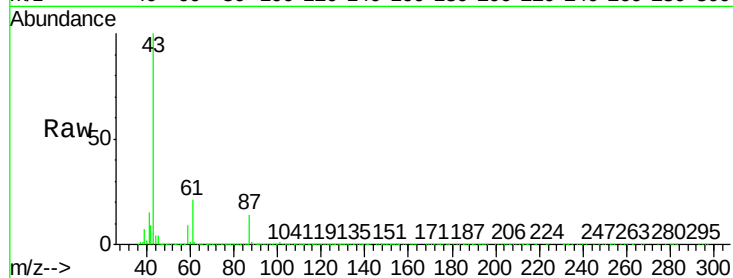
Tgt Ion: 43 Resp: 237778

Ion Ratio Lower Upper

43 100

61 20.8 16.6 24.8

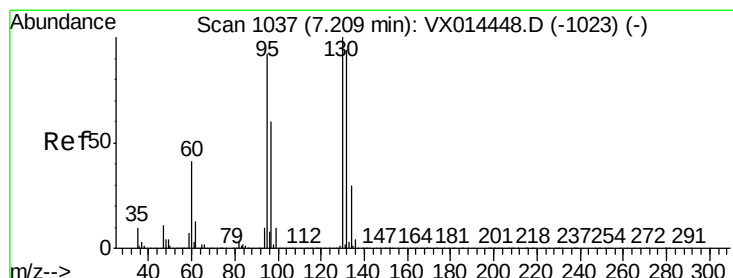
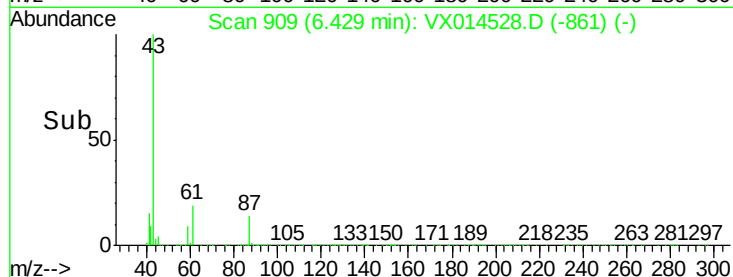
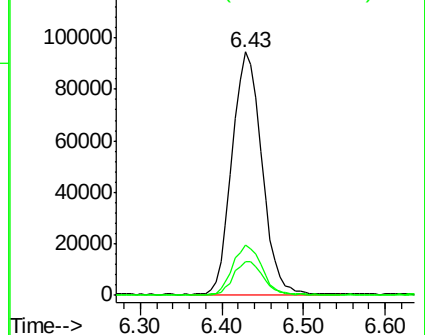
87 14.0 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.524 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014528.D

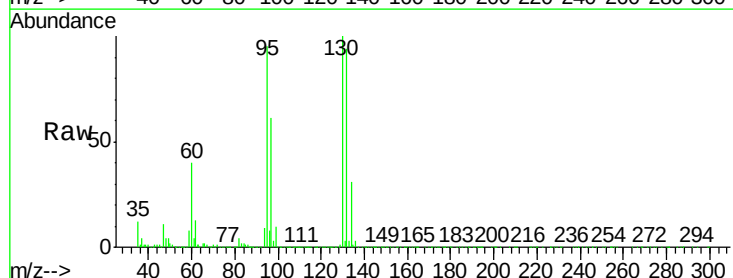
Acq: 10 Jan 2020 11:43

Tgt Ion: 130 Resp: 109163

Ion Ratio Lower Upper

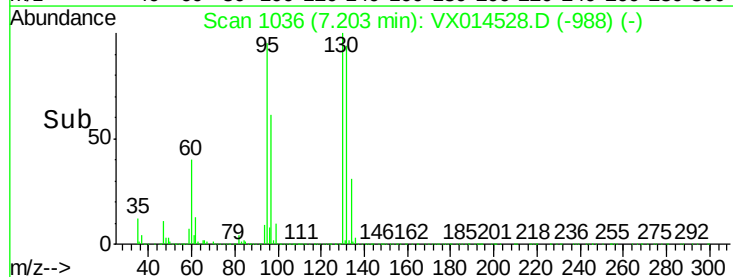
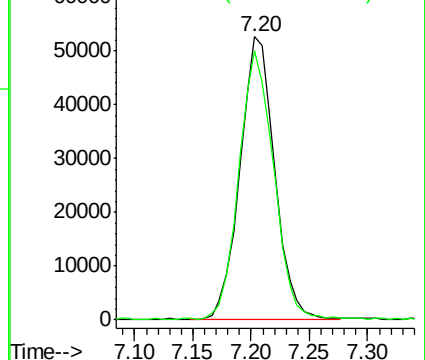
130 100

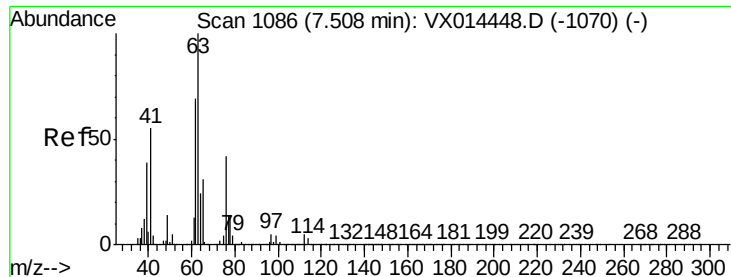
95 94.7 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

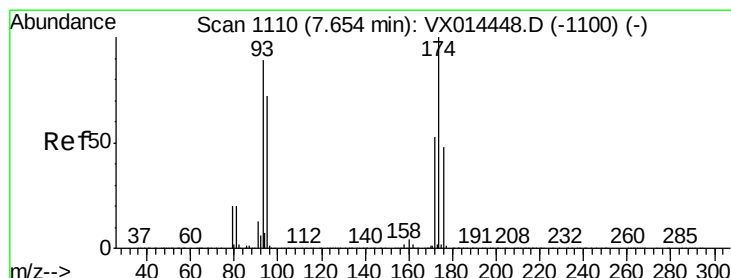
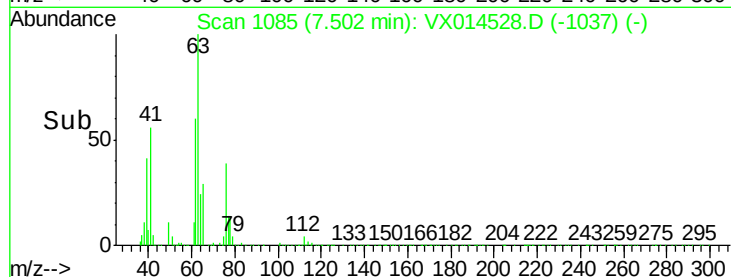
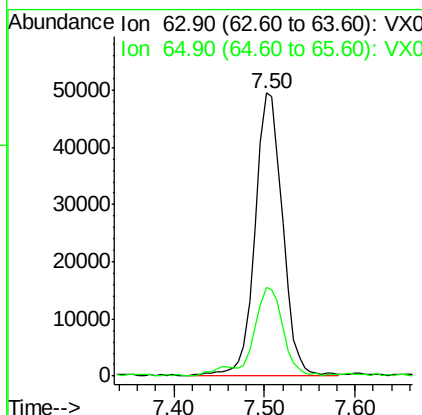
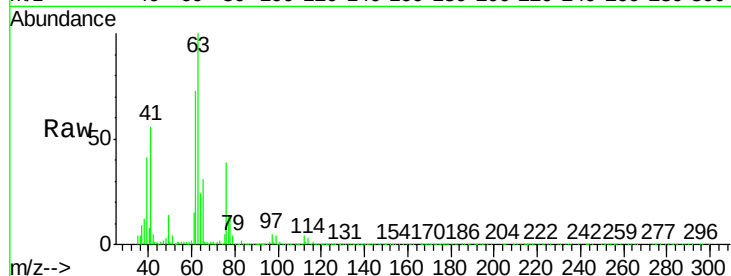




#45
 1,2-Dichloropropane
 Concen: 20.775 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014528.D
 Acq: 10 Jan 2020 11:43

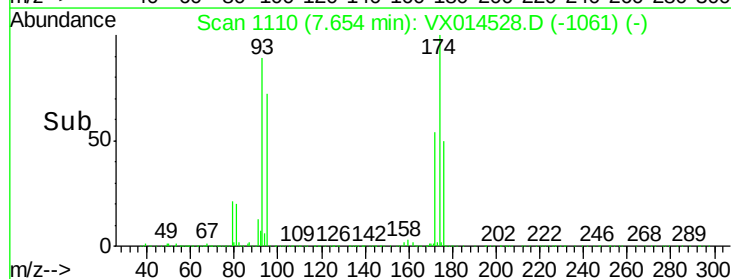
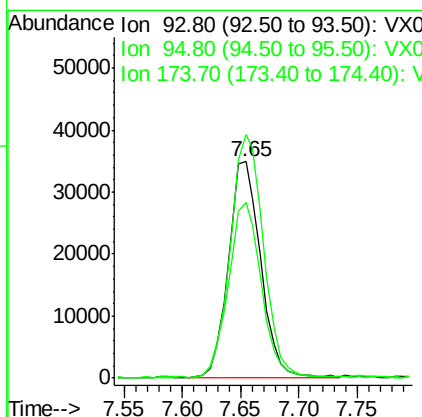
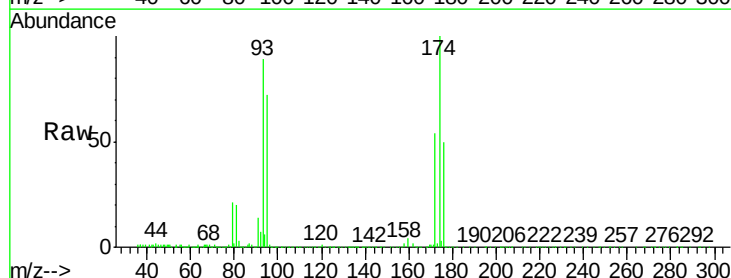
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0110MBSD01

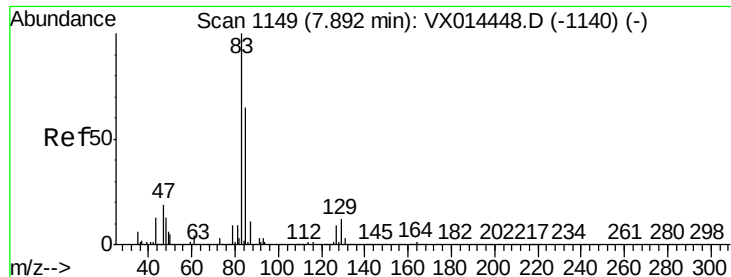
Tgt Ion: 63 Resp: 103052
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.8 37.2



#46
 Dibromomethane
 Concen: 19.548 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX014528.D
 Acq: 10 Jan 2020 11:43

Tgt Ion: 93 Resp: 67679
 Ion Ratio Lower Upper
 93 100
 95 81.8 65.4 98.2
 174 115.9 93.0 139.4





#47

Bromodichloromethane

Concen: 20.211 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0110MBSD01

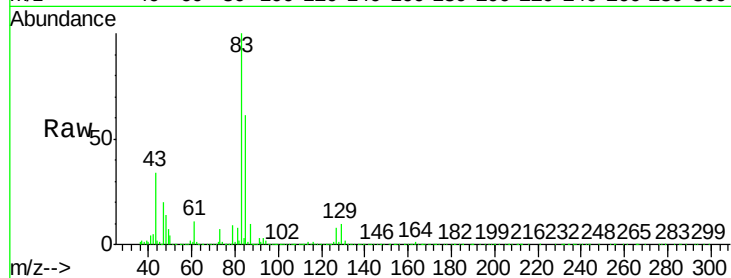
Tgt Ion: 83 Resp: 127321

Ion Ratio Lower Upper

83 100

85 61.4 51.7 77.5

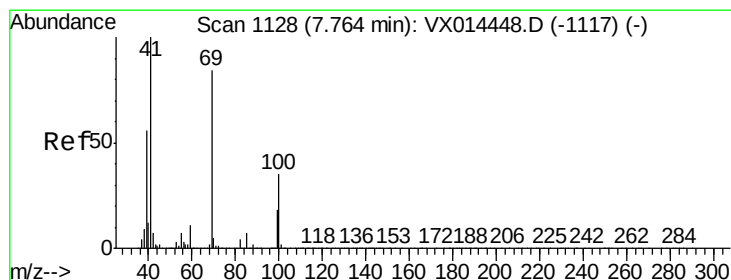
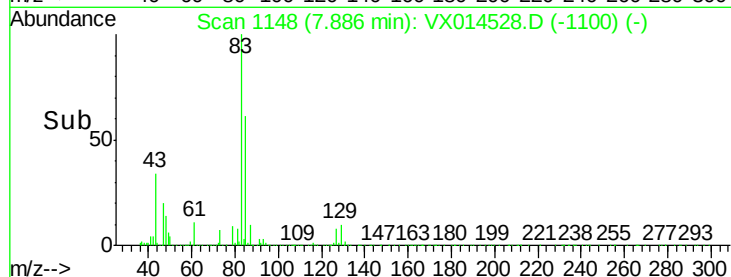
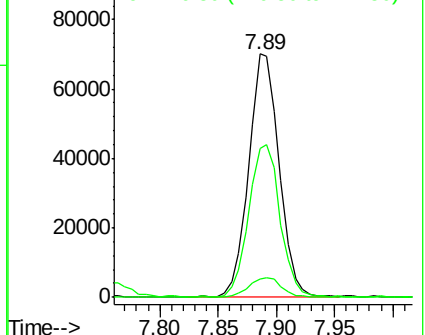
127 7.7 7.1 10.7



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: 21.176 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

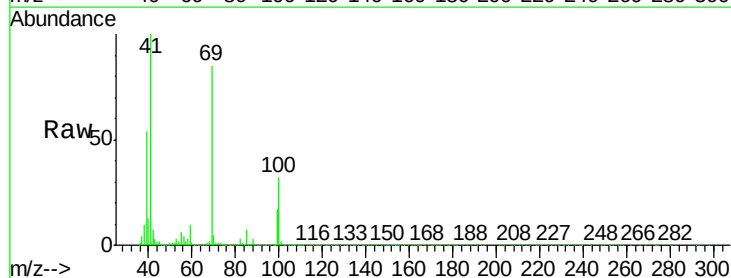
Tgt Ion: 41 Resp: 116662

Ion Ratio Lower Upper

41 100

69 82.4 65.5 98.3

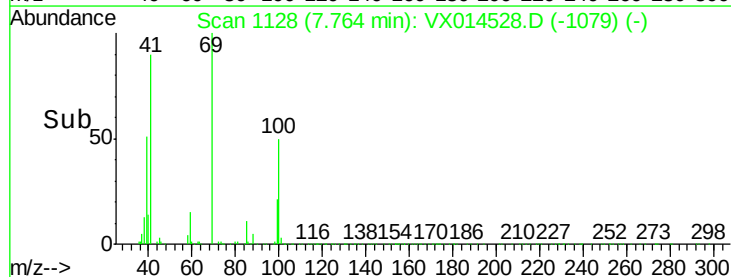
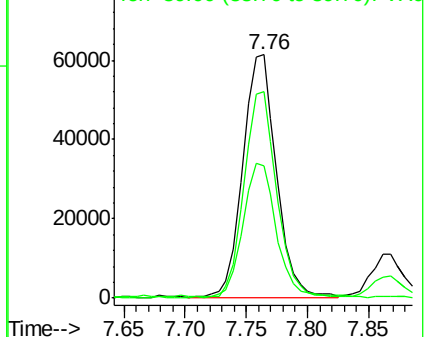
39 53.8 43.9 65.9

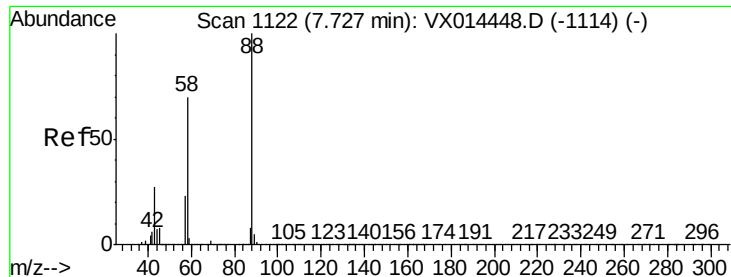


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 430.742 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0110MBSD01

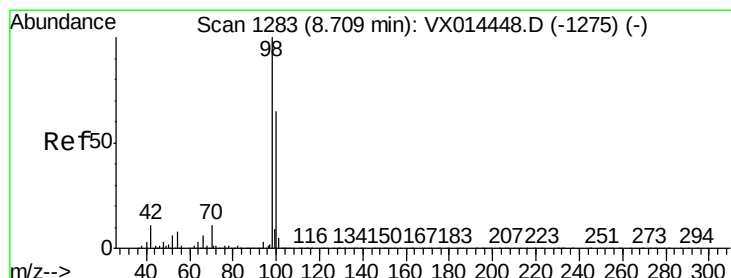
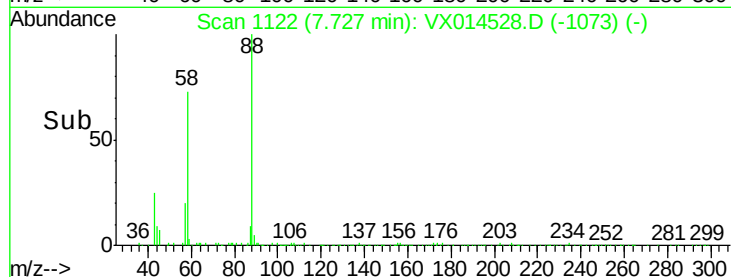
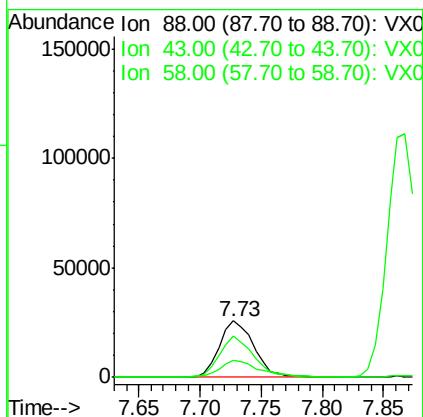
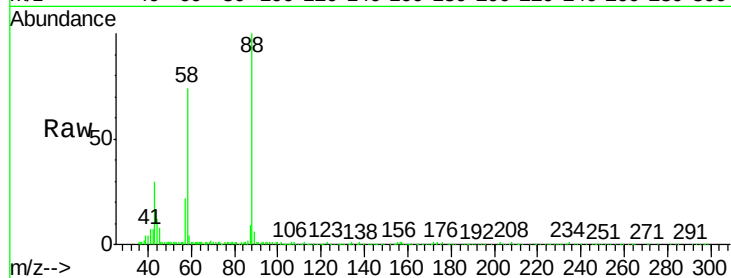
Tgt Ion: 88 Resp: 50282

Ion Ratio Lower Upper

88 100

43 37.4 27.4 41.0

58 70.2 57.1 85.7



#50

Toluene-d8

Concen: 50.196 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014528.D

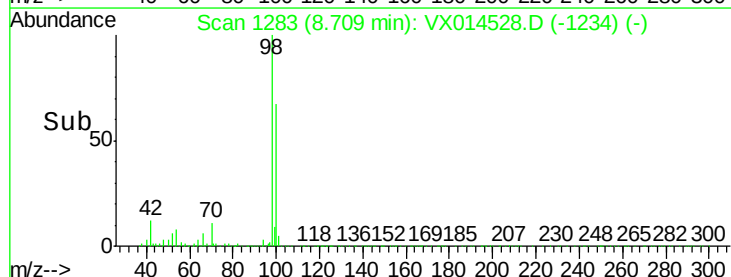
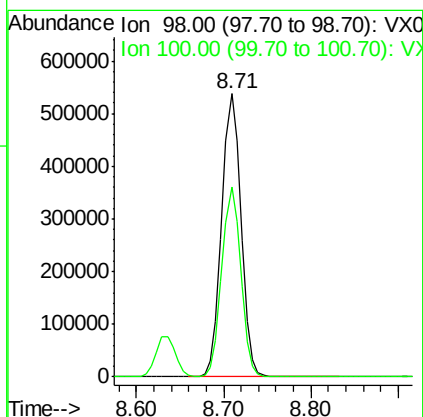
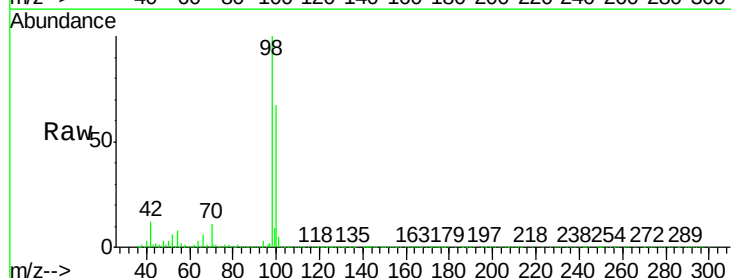
Acq: 10 Jan 2020 11:43

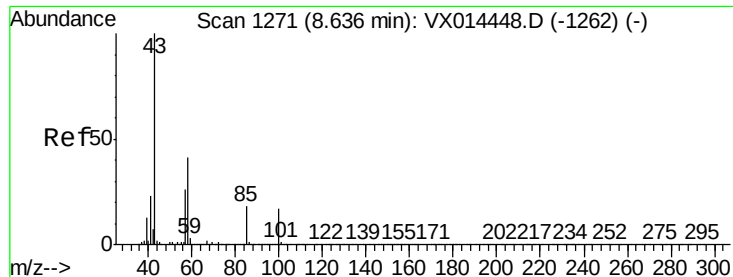
Tgt Ion: 98 Resp: 821970

Ion Ratio Lower Upper

98 100

100 66.2 53.2 79.8

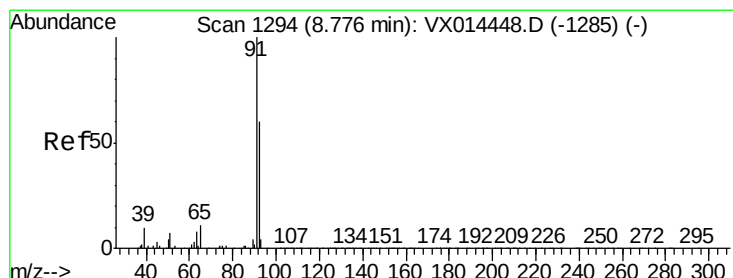
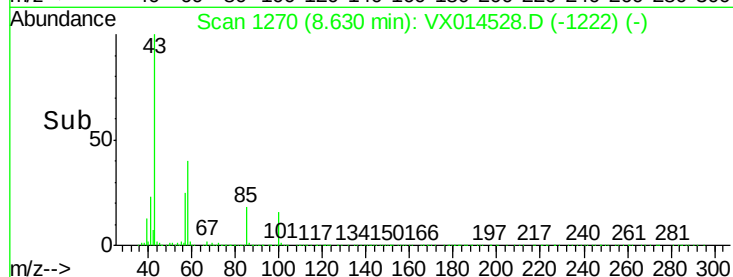
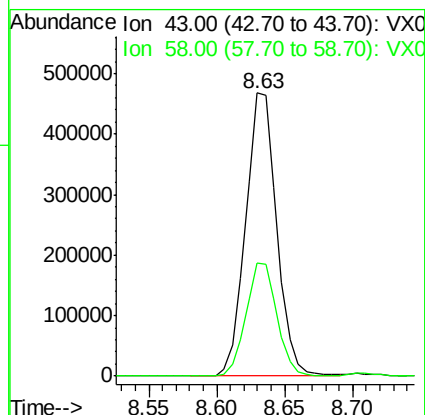
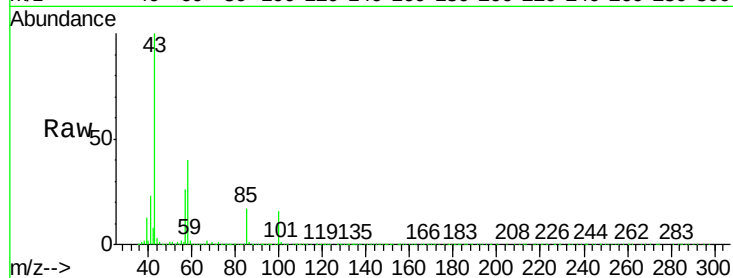




#51
 4-Methyl-2-Pentanone
 Concen: 106.549 ug/l
 RT: 8.63 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: VX014528.D
 Acq: 10 Jan 2020 11:43

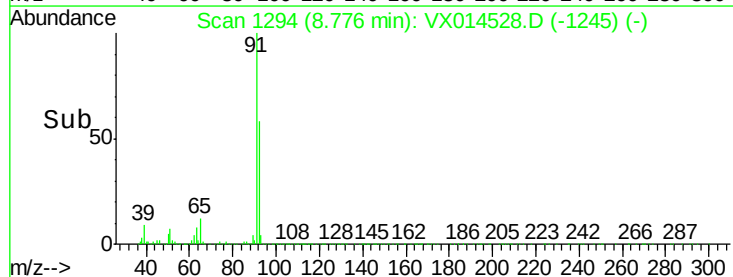
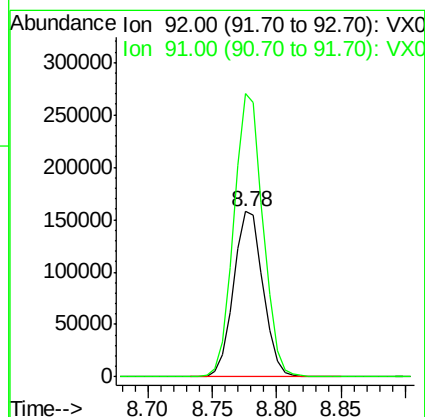
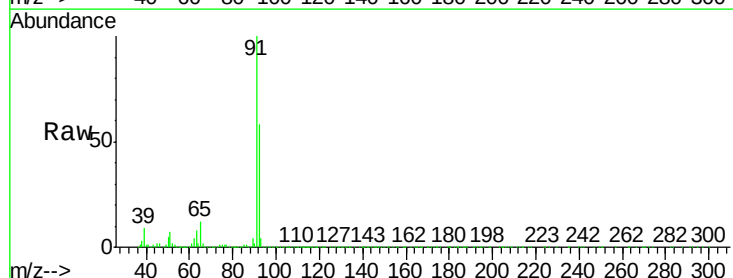
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110MBSD01

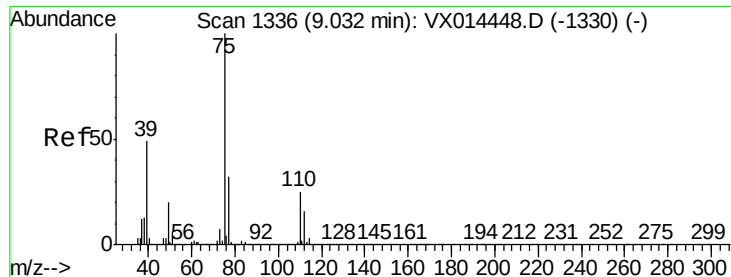
Tgt Ion: 43 Resp: 746845
 Ion Ratio Lower Upper
 43 100
 58 39.9 32.4 48.6



#52
 Toluene
 Concen: 20.238 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX014528.D
 Acq: 10 Jan 2020 11:43

Tgt Ion: 92 Resp: 252063
 Ion Ratio Lower Upper
 92 100
 91 169.1 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 19.306 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Instrument :

MSVOA_X

ClientSampled :

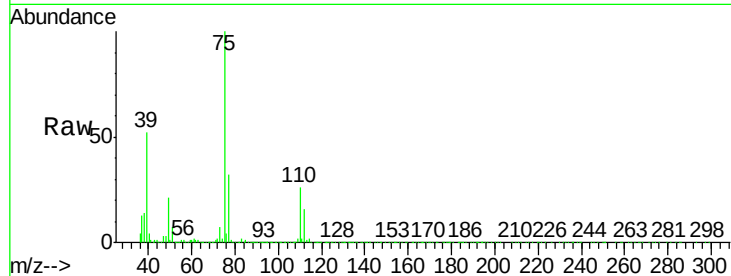
VX0110MBSD01

Tgt Ion: 75 Resp: 141595

Ion Ratio Lower Upper

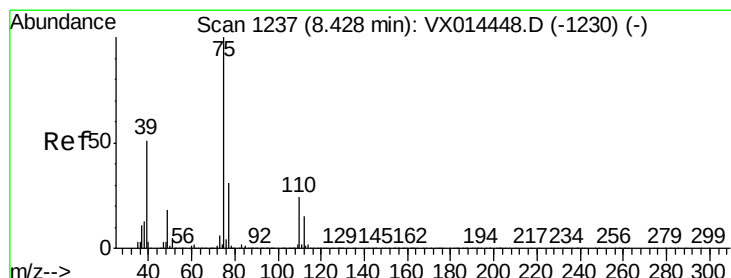
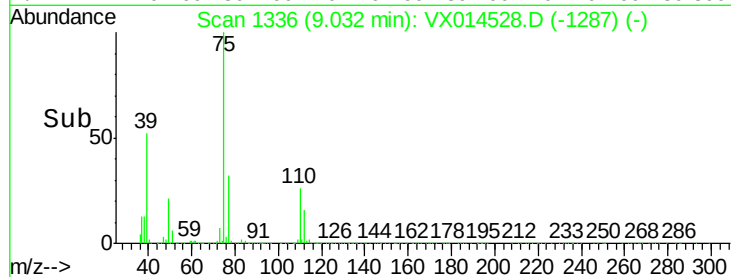
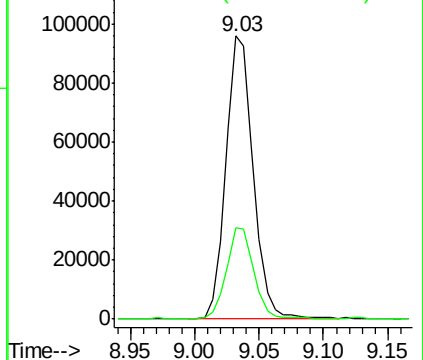
75 100

77 32.4 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 20.382 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

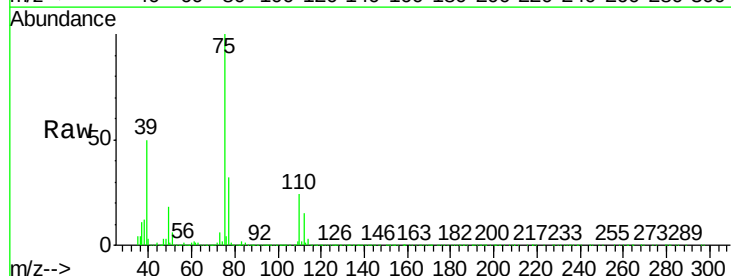
Tgt Ion: 75 Resp: 161478

Ion Ratio Lower Upper

75 100

77 32.1 25.0 37.4

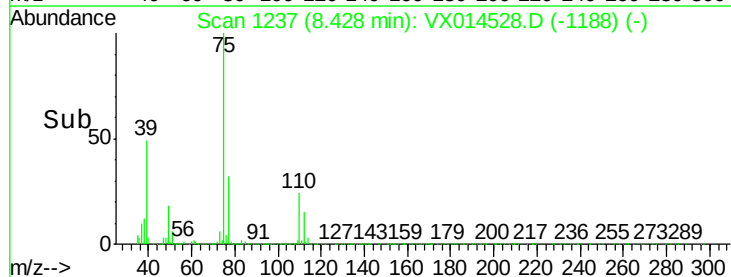
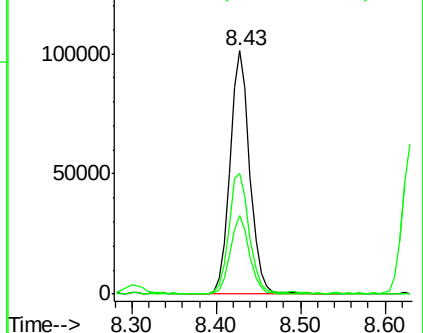
39 49.5 40.7 61.1

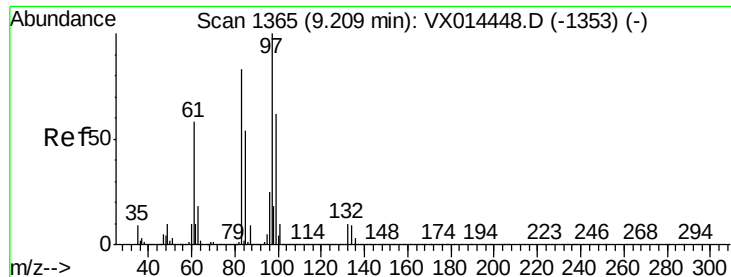


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 20.746 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0110MBSD01

Tgt Ion: 97 Resp: 103784

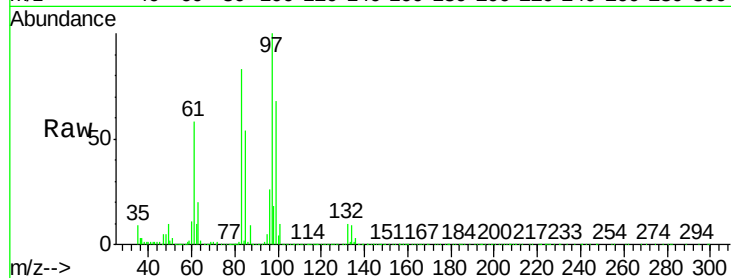
Ion Ratio Lower Upper

97 100

83 83.2 66.4 99.6

85 54.0 43.4 65.2

99 67.6 49.6 74.4

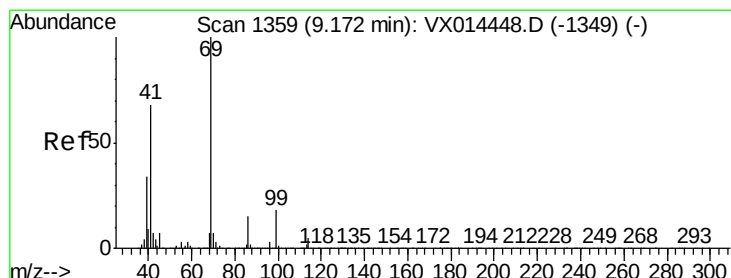
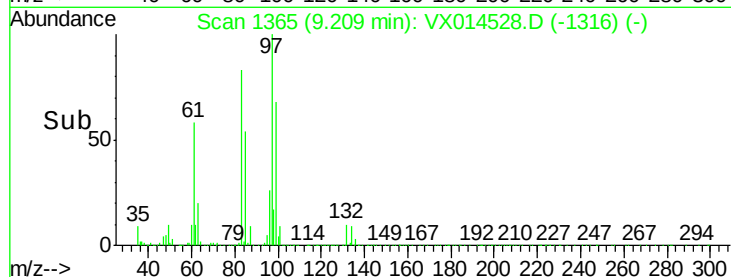
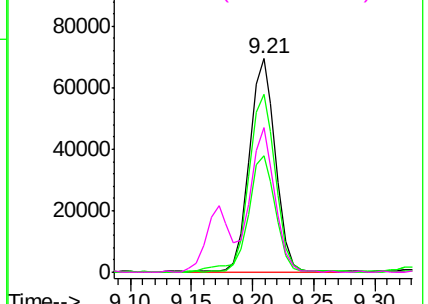


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 20.763 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

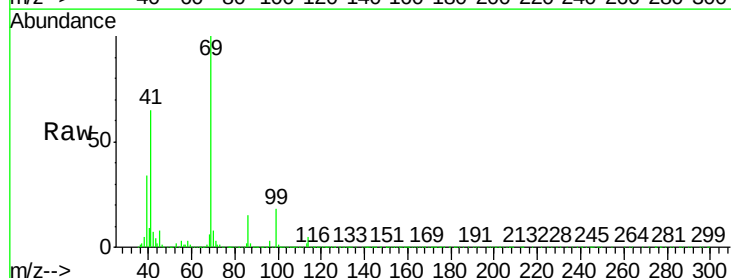
Tgt Ion: 69 Resp: 159133

Ion Ratio Lower Upper

69 100

41 66.7 54.2 81.2

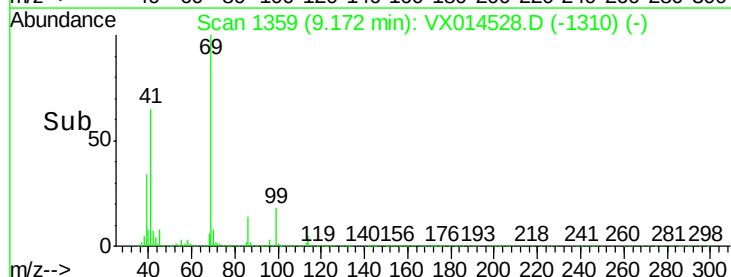
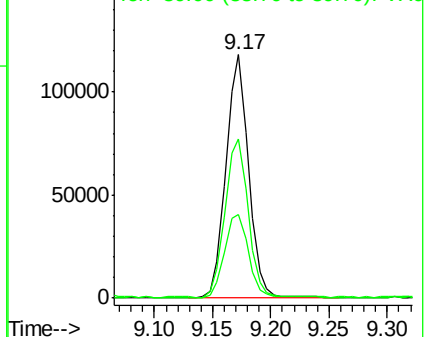
39 35.9 28.2 42.2

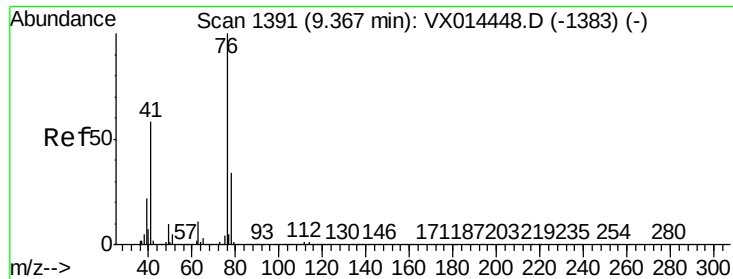


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

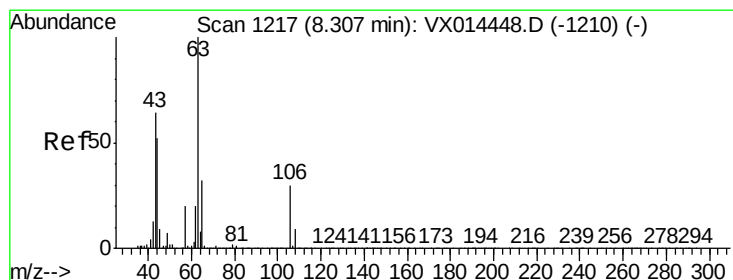
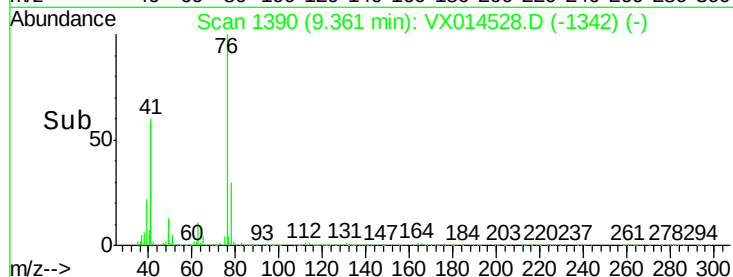
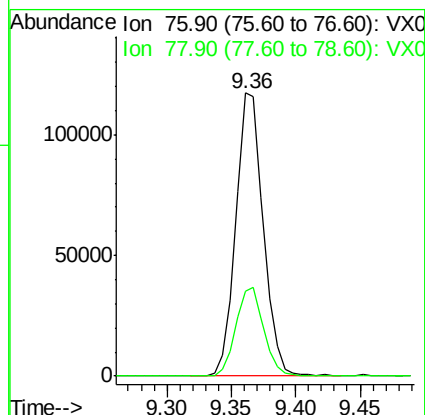
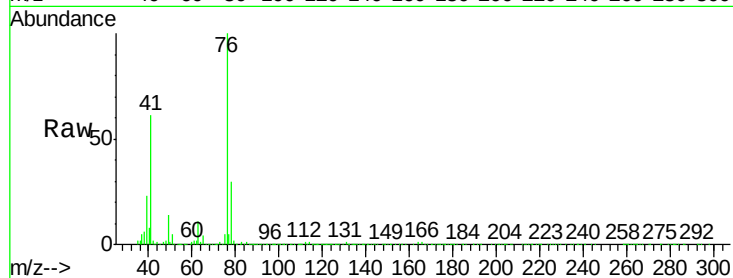




#57
 1,3-Dichloropropane
 Concen: 20.755 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX014528.D
 Acq: 10 Jan 2020 11:43

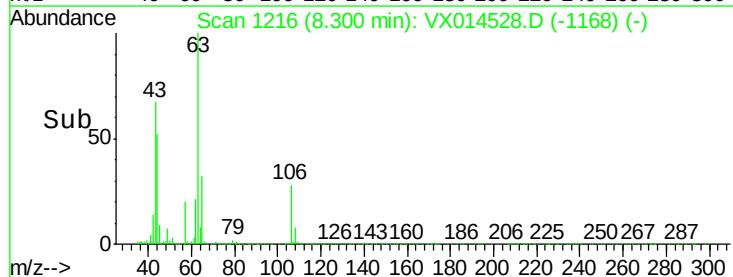
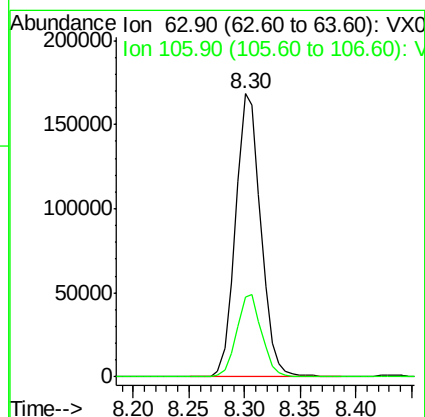
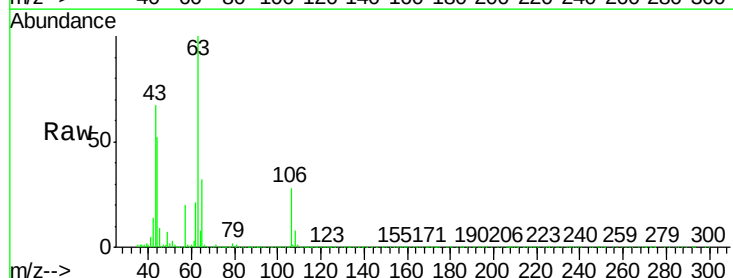
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0110MBSD01

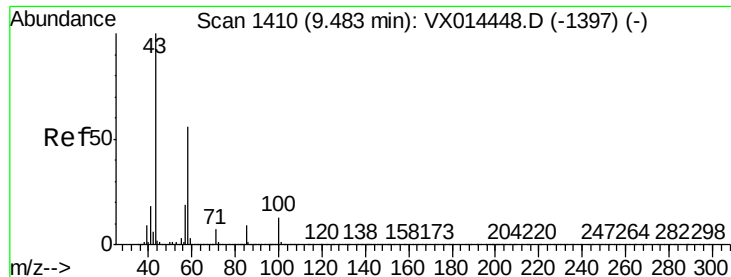
Tgt Ion: 76 Resp: 173606
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.645 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX014528.D
 Acq: 10 Jan 2020 11:43

Tgt Ion: 63 Resp: 262443
 Ion Ratio Lower Upper
 63 100
 106 28.7 23.6 35.4

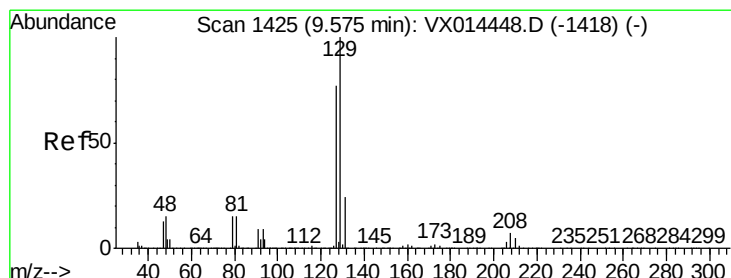
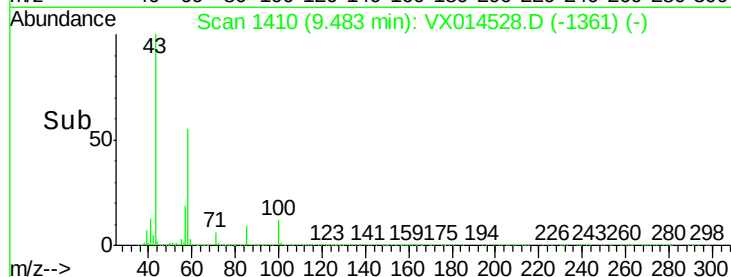
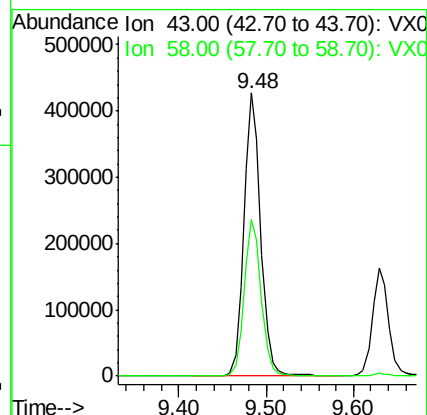
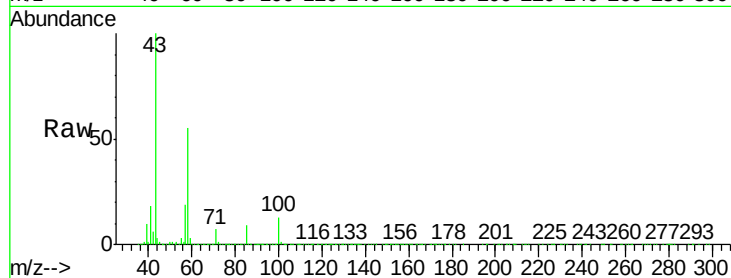




#59
2-Hexanone
Concen: 103.213 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

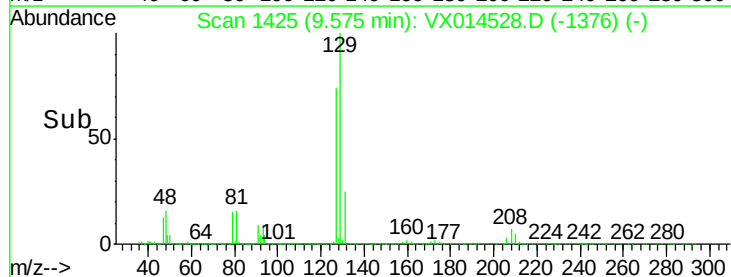
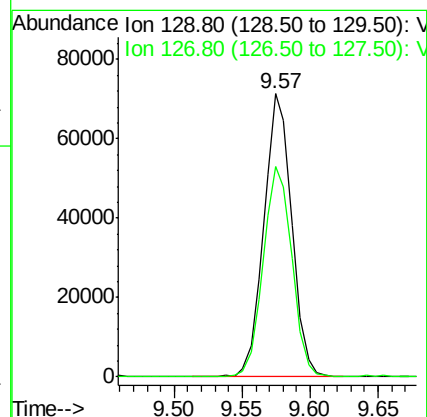
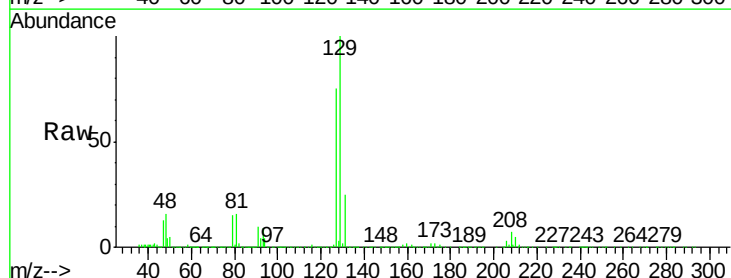
Instrument :
MSVOA_X
ClientSampleId :
VX0110MBSD01

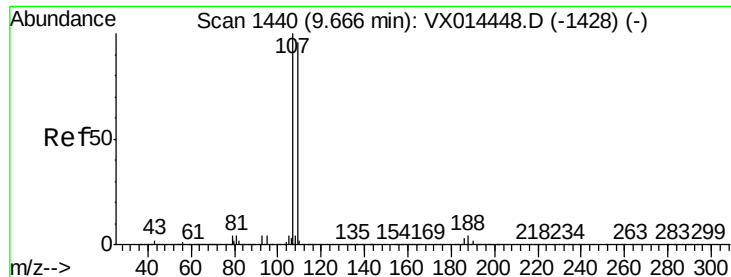
Tgt Ion: 43 Resp: 572432
Ion Ratio Lower Upper
43 100
58 56.0 27.9 83.7



#60
Dibromochloromethane
Concen: 20.373 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

Tgt Ion: 129 Resp: 102438
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0





#61

1,2-Dibromoethane

Concen: 20.121 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

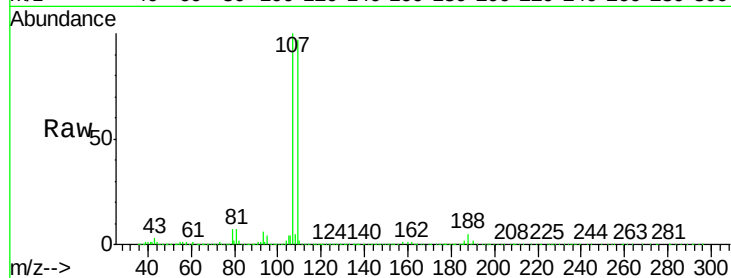
VX0110MBSD01

Tgt Ion: 107 Resp: 106624

Ion Ratio Lower Upper

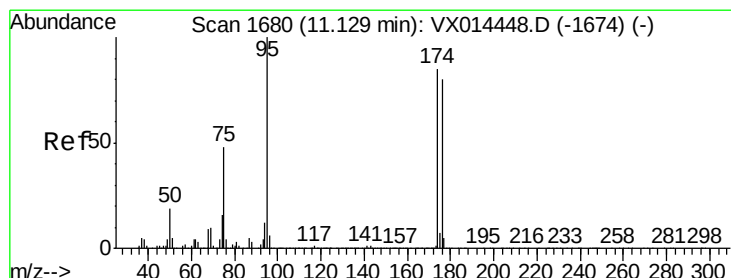
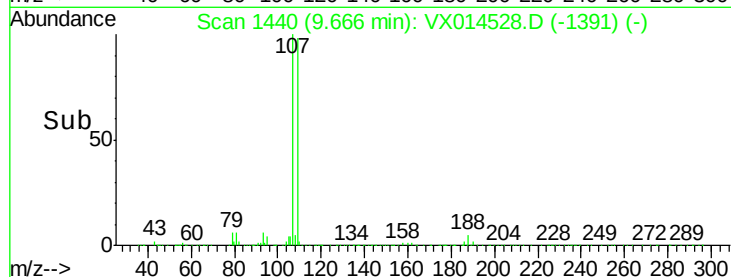
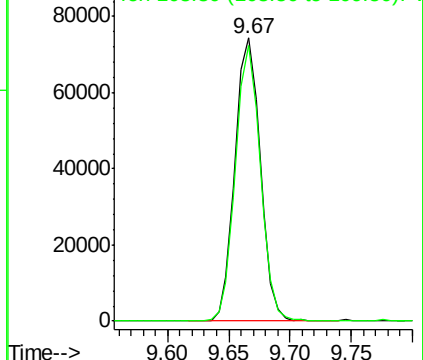
107 100

109 95.4 76.5 114.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.485 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

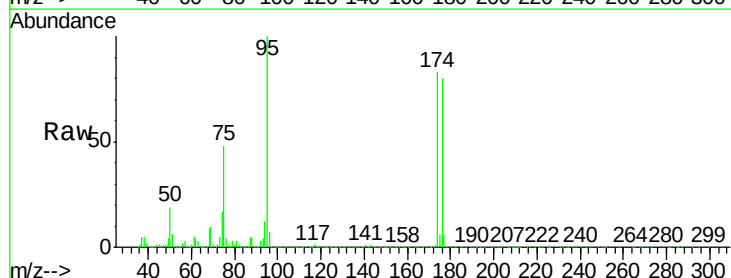
Tgt Ion: 95 Resp: 291469

Ion Ratio Lower Upper

95 100

174 89.6 0.0 180.8

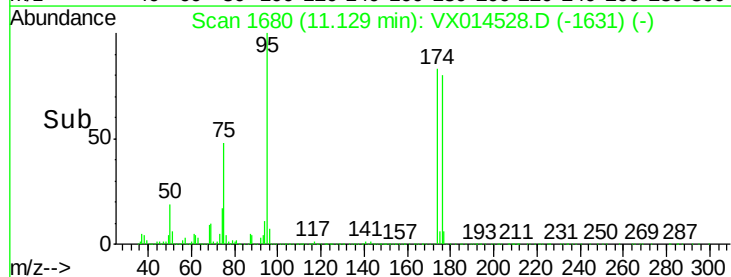
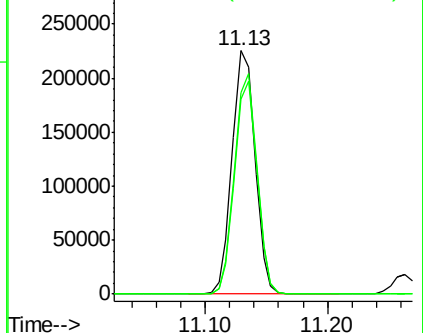
176 86.2 0.0 172.8

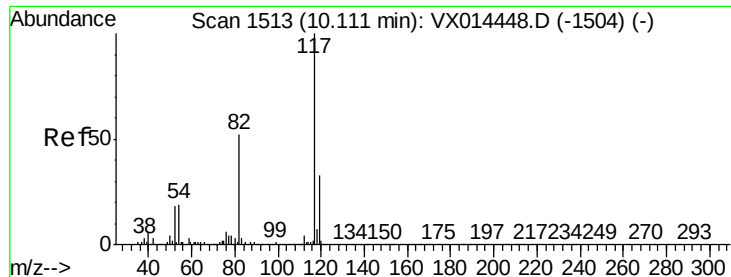


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

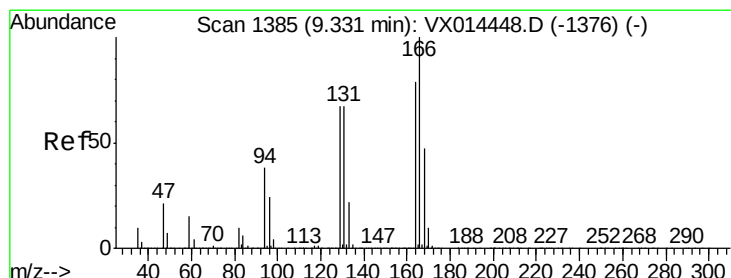
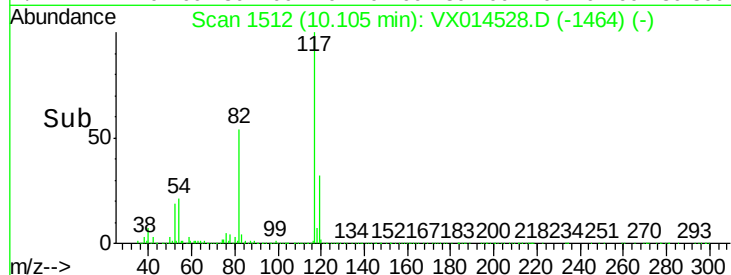
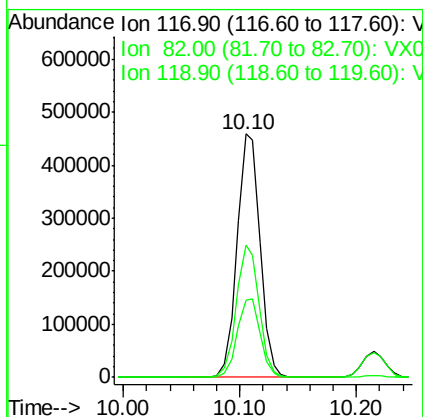
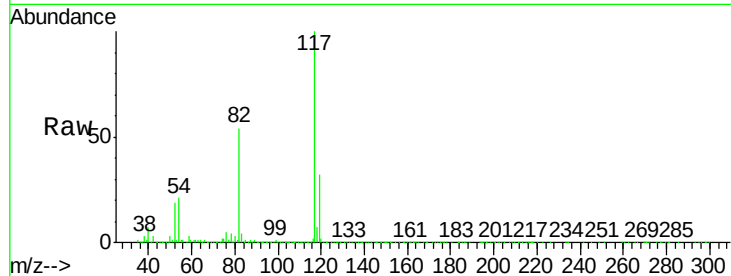




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

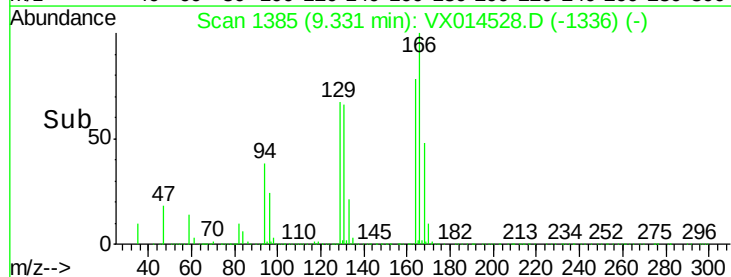
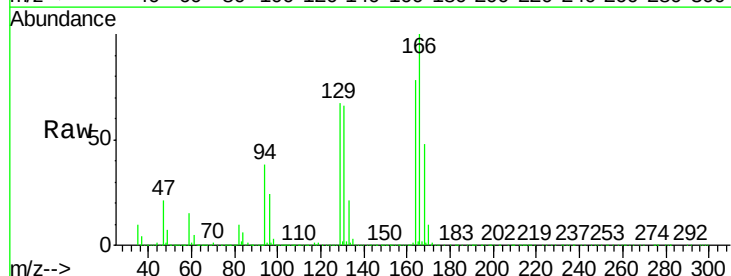
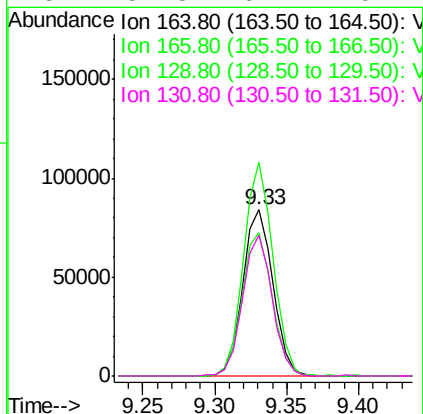
Instrument :
MSVOA_X
ClientSampleId :
VX0110MBSD01

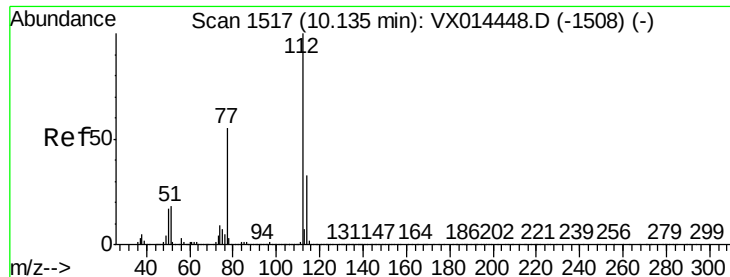
Tgt Ion:117 Resp: 629825
Ion Ratio Lower Upper
117 100
82 54.1 41.8 62.6
119 31.9 26.2 39.4



#64
Tetrachloroethene
Concen: 19.183 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

Tgt Ion:164 Resp: 121087
Ion Ratio Lower Upper
164 100
166 128.4 101.2 151.8
129 85.9 68.3 102.5
131 84.3 67.4 101.2

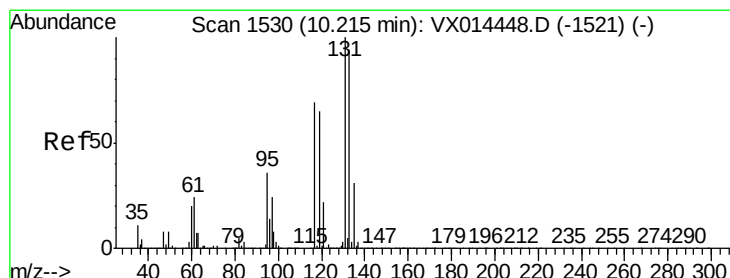
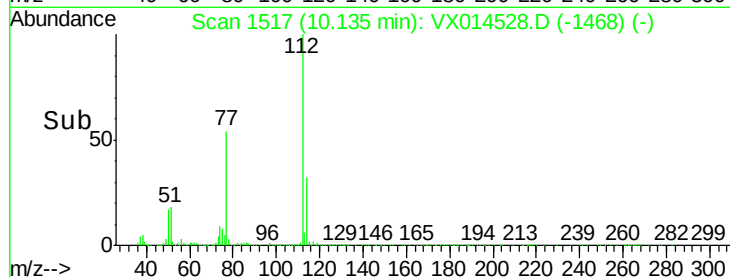
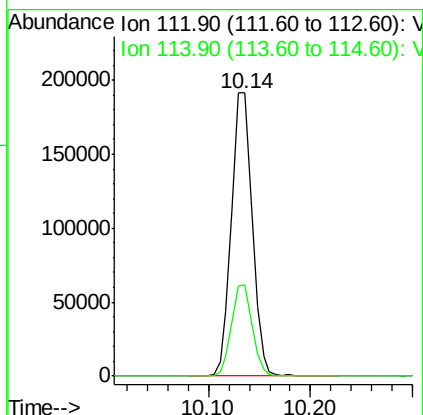
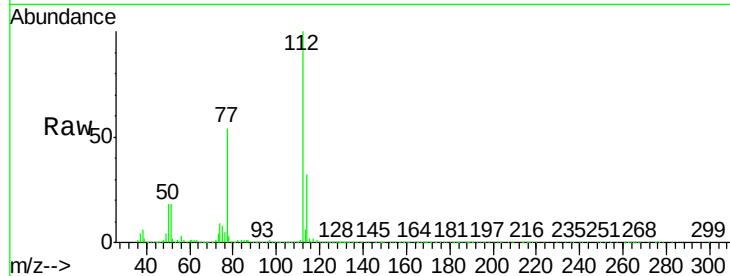




#65
Chlorobenzene
Concen: 19.659 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

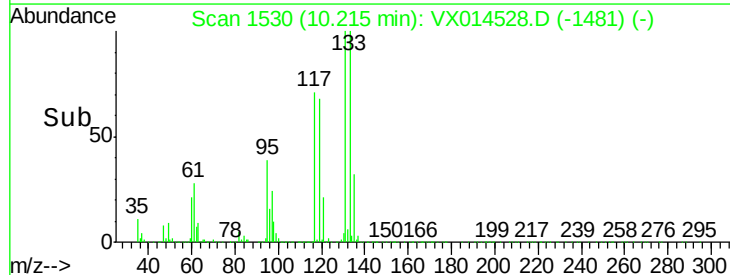
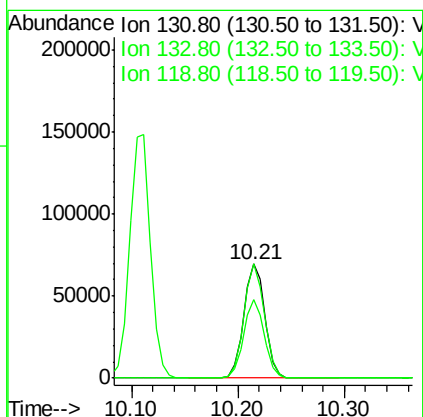
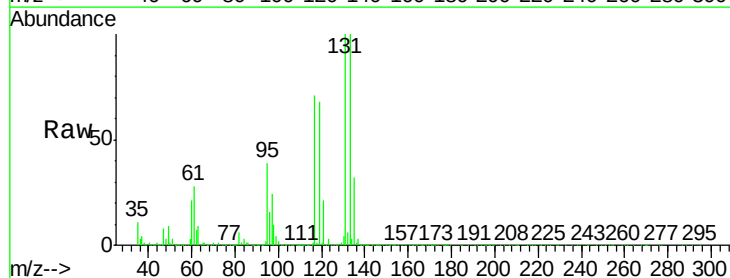
Instrument :
MSVOA_X
ClientSampleId :
VX0110MBSD01

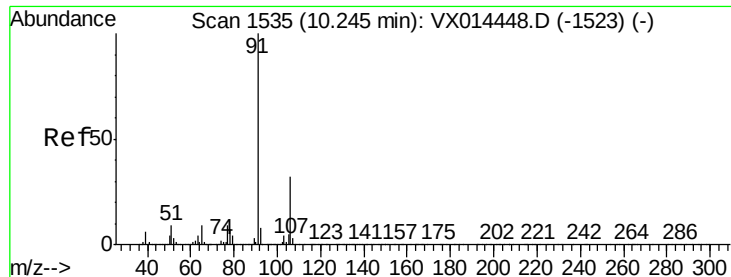
Tgt Ion:112 Resp: 268701
Ion Ratio Lower Upper
112 100
114 32.2 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.877 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

Tgt Ion:131 Resp: 96957
Ion Ratio Lower Upper
131 100
133 97.2 47.3 142.0
119 66.6 32.8 98.4





#67

Ethyl Benzene

Concen: 20.027 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

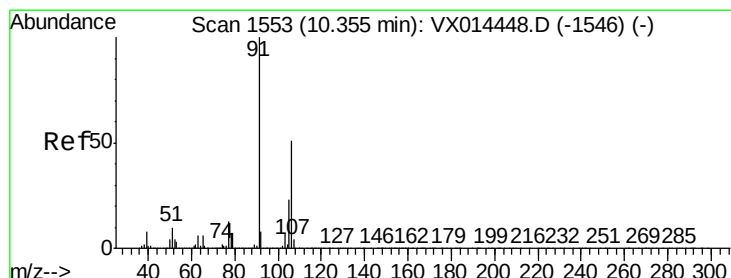
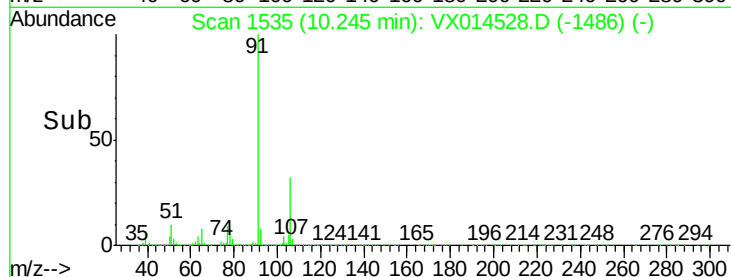
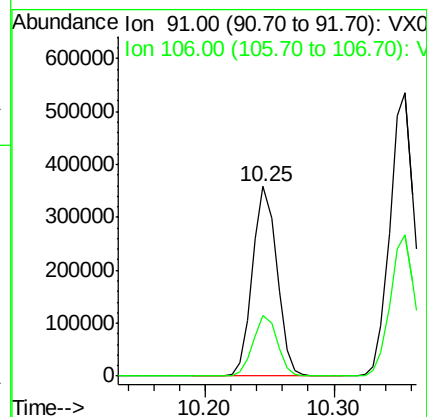
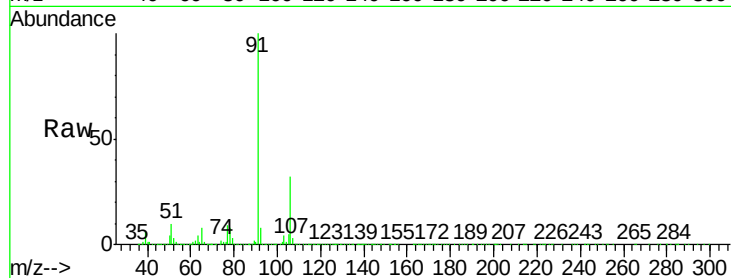
VX0110MBS01

Tgt Ion: 91 Resp: 466573

Ion Ratio Lower Upper

91 100

106 32.0 25.6 38.4



#68

m/p-Xylenes

Concen: 39.665 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX014528.D

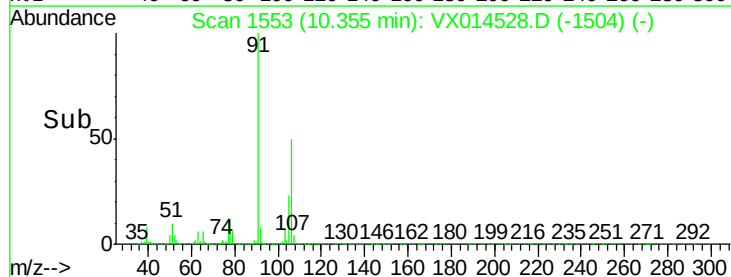
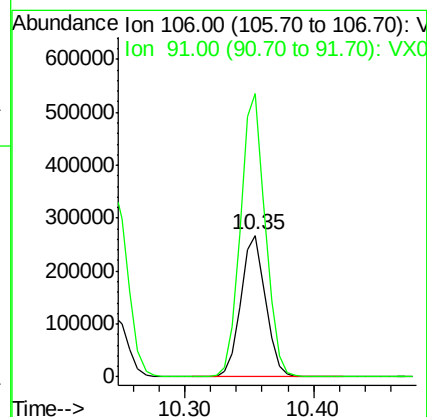
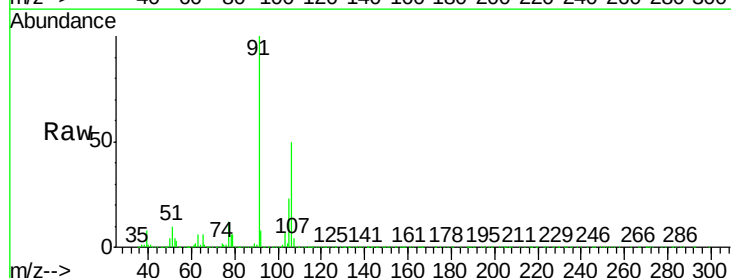
Acq: 10 Jan 2020 11:43

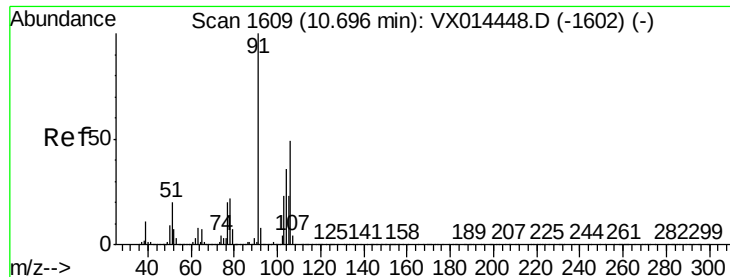
Tgt Ion: 106 Resp: 356497

Ion Ratio Lower Upper

106 100

91 200.4 157.4 236.0

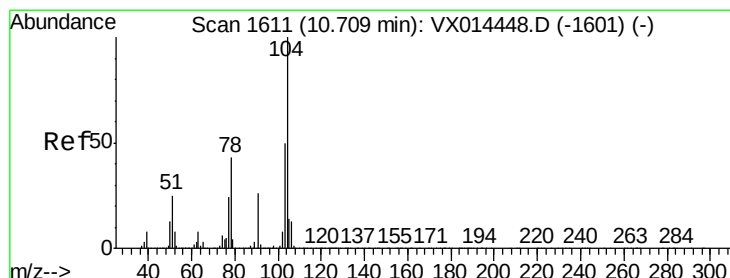
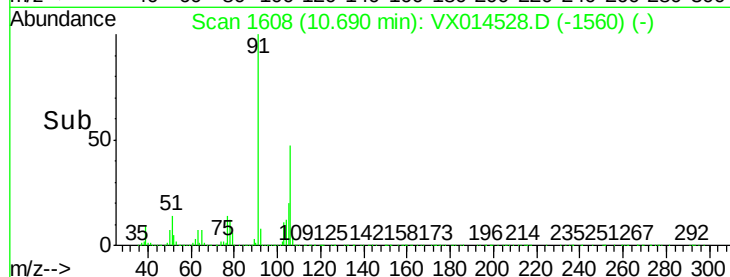
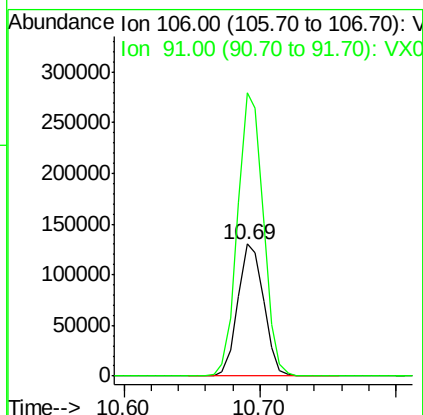
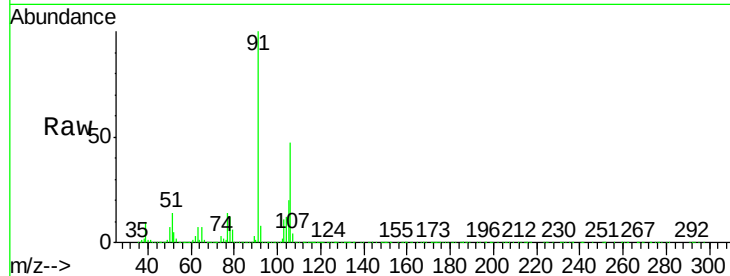




#69
o-Xylene
Concen: 20.073 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

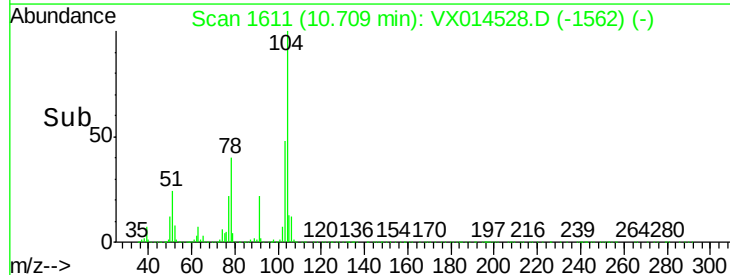
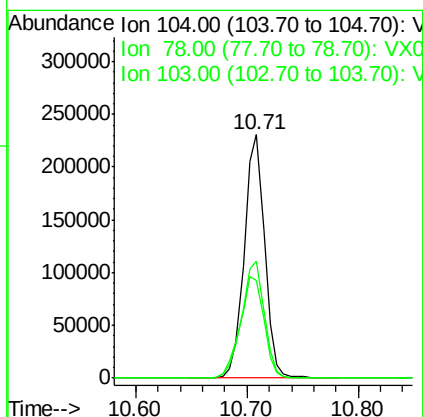
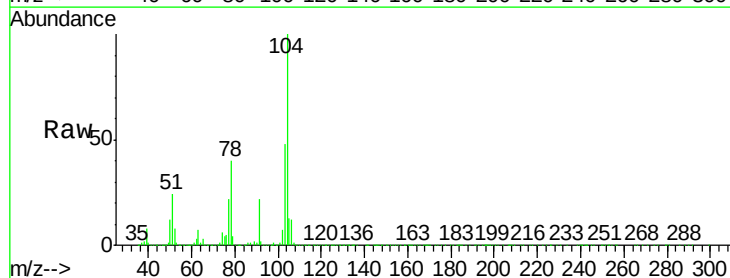
Instrument :
MSVOA_X
ClientSampleId :
VX0110MBSD01

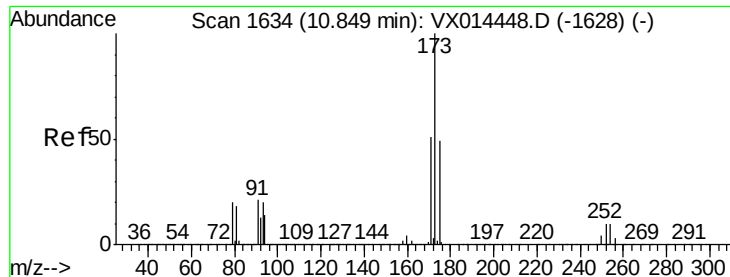
Tgt Ion:106 Resp: 172138
Ion Ratio Lower Upper
106 100
91 213.1 105.1 315.1



#70
Styrene
Concen: 19.785 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

Tgt Ion:104 Resp: 292795
Ion Ratio Lower Upper
104 100
78 49.1 38.6 58.0
103 53.8 43.7 65.5





#71

Bromoform

Concen: 19.469 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0110MBSD01

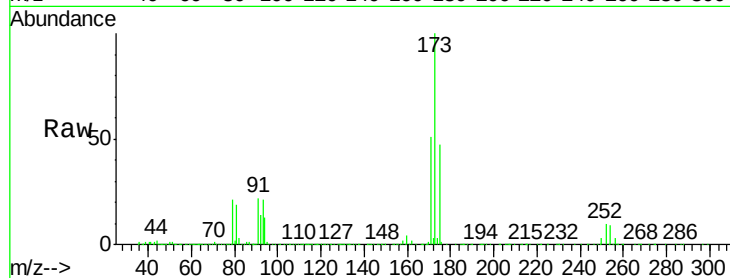
Tgt Ion:173 Resp: 77699

Ion Ratio Lower Upper

173 100

175 48.9 24.3 72.8

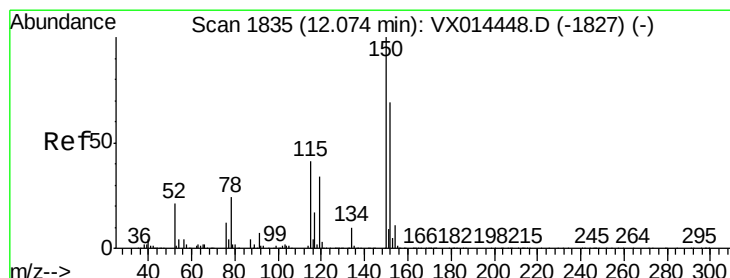
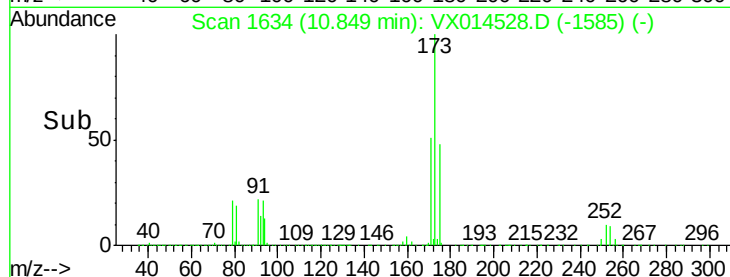
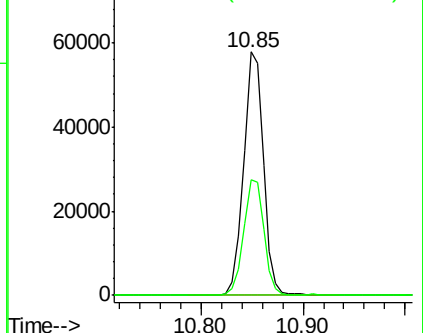
254 0.3 0.2 0.2#



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: VX014528.D

Acq: 10 Jan 2020 11:43

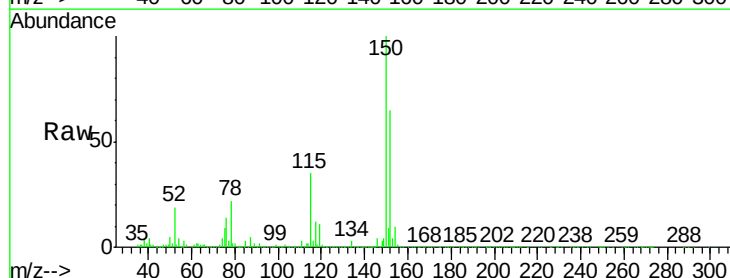
Tgt Ion:152 Resp: 318975

Ion Ratio Lower Upper

152 100

115 62.8 39.5 118.3

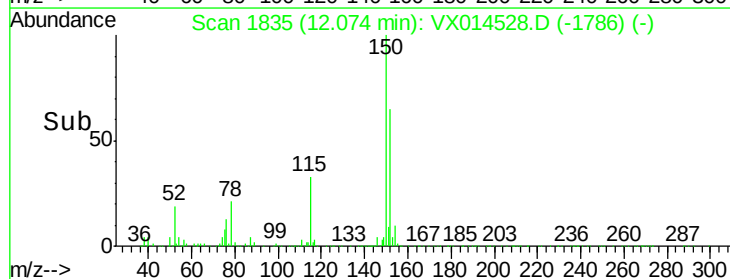
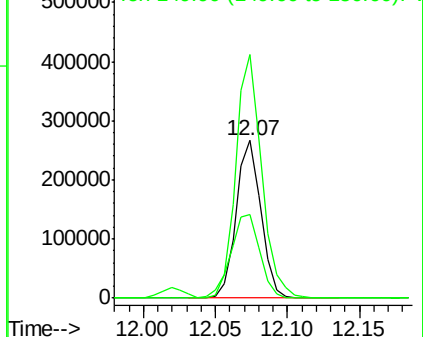
150 161.4 0.0 350.2

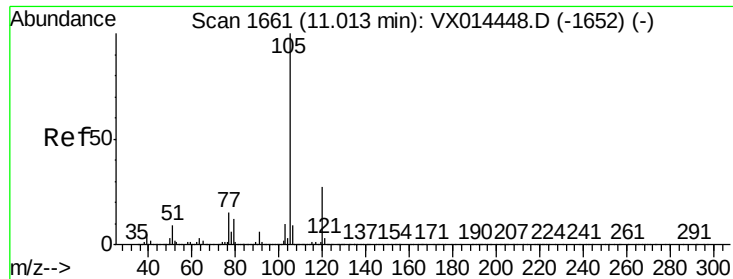


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.663 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

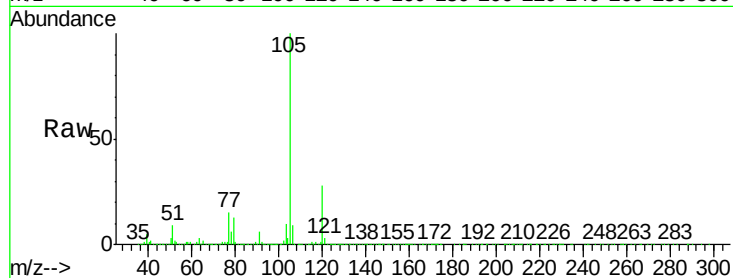
VX0110MBS01

Tgt Ion:105 Resp: 462826

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

400000

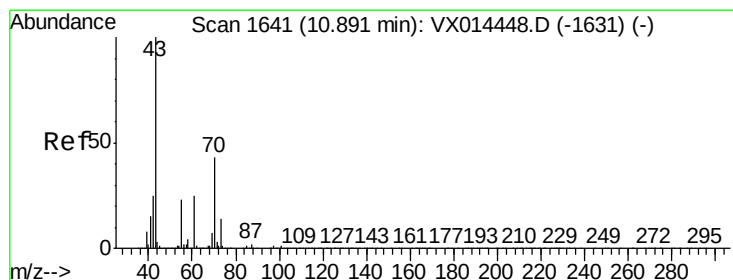
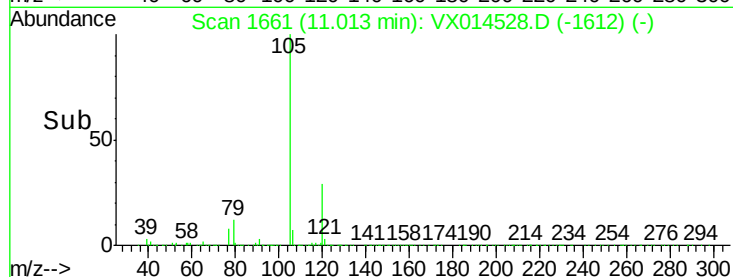
300000

200000

100000

0

Time--> 10.95 11.00 11.05 11.10



#74

N-ethyl acetate

Concen: 20.280 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Tgt Ion: 43 Resp: 200408

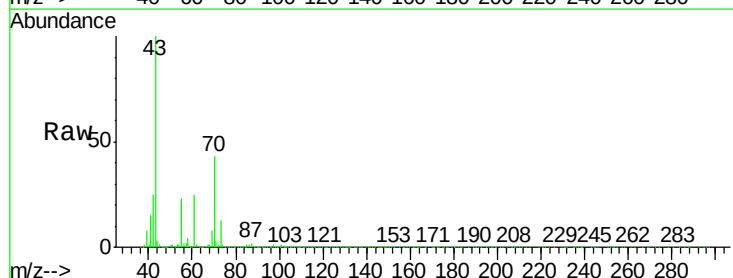
Ion Ratio Lower Upper

43 100

70 43.5 35.1 52.7

55 24.2 19.3 28.9

61 25.4 20.0 30.0



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

250000

200000

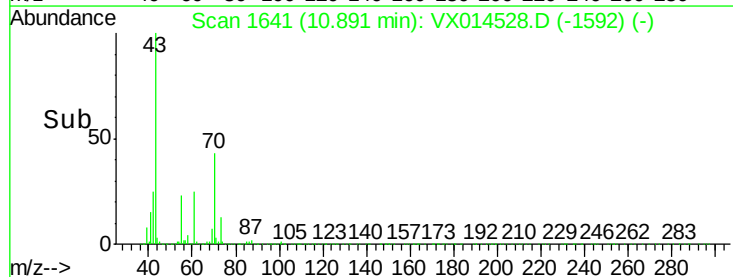
150000

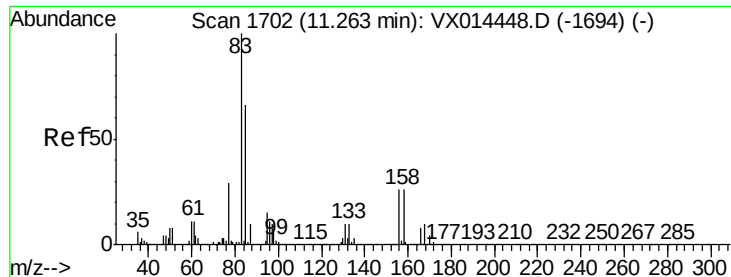
100000

50000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 20.691 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0110MBS01

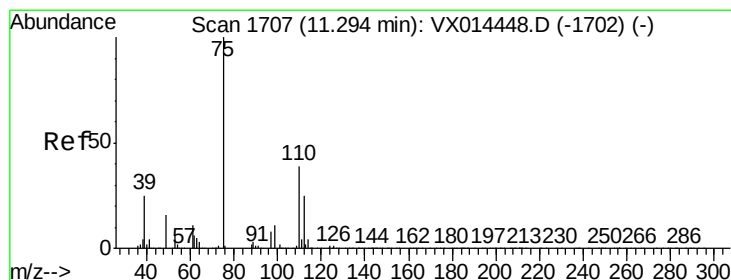
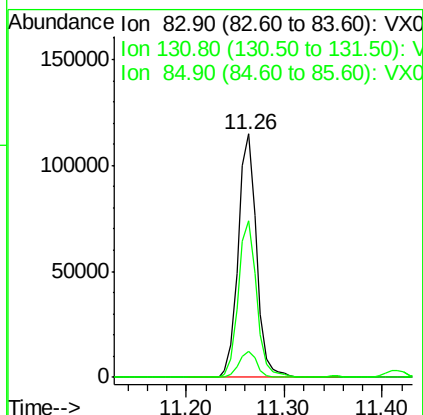
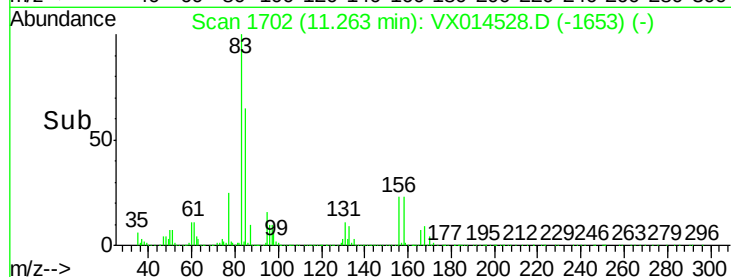
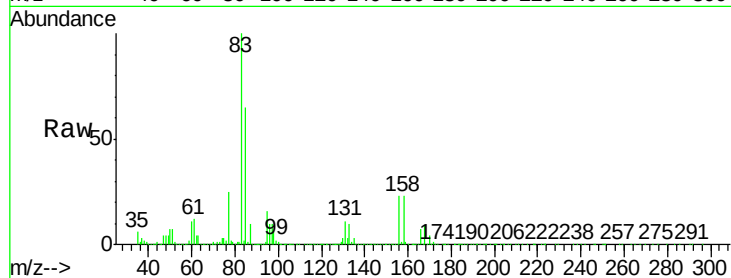
Tgt Ion: 83 Resp: 148628

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.4

85 65.0 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 26.481 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014528.D

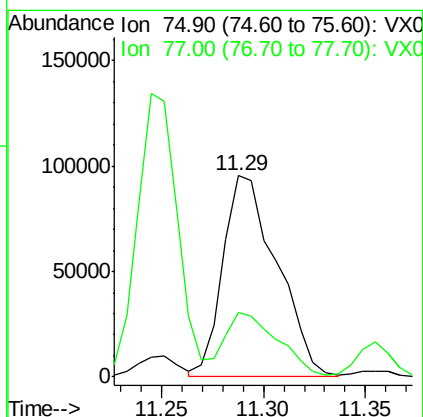
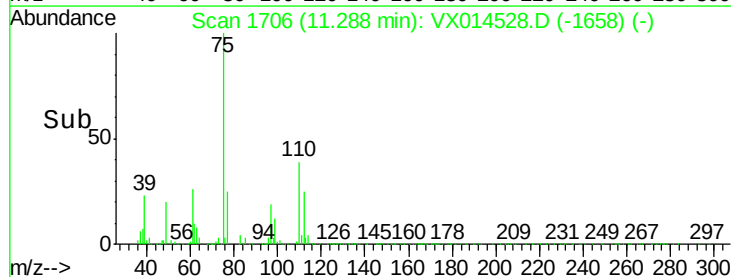
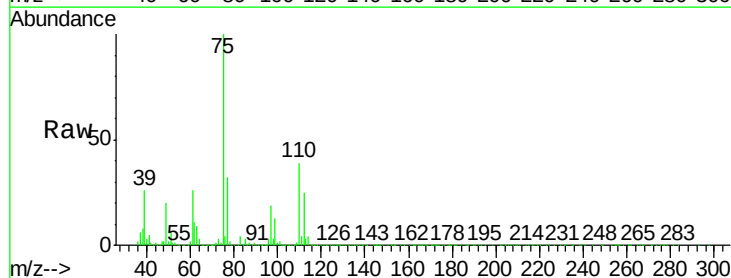
Acq: 10 Jan 2020 11:43

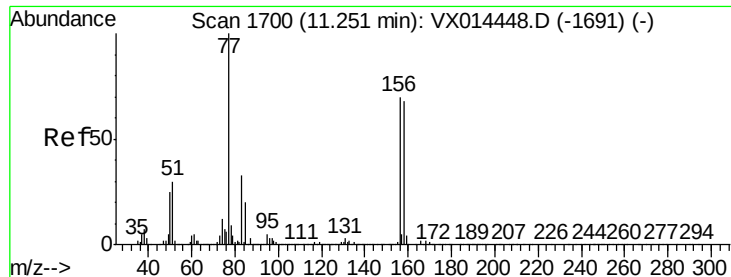
Tgt Ion: 75 Resp: 174763

Ion Ratio Lower Upper

75 100

77 30.0 21.9 65.7





#77

Bromobenzene

Concen: 19.929 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0110MBSD01

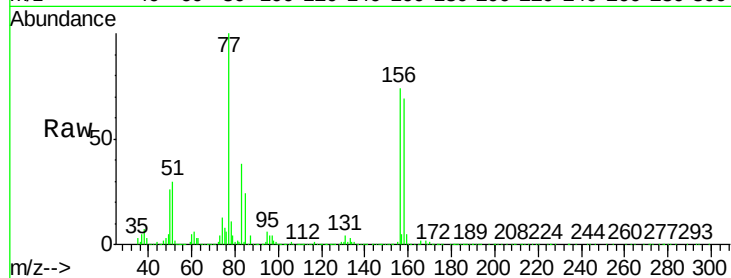
Tgt Ion:156 Resp: 123796

Ion Ratio Lower Upper

156 100

77 146.3 75.4 226.3

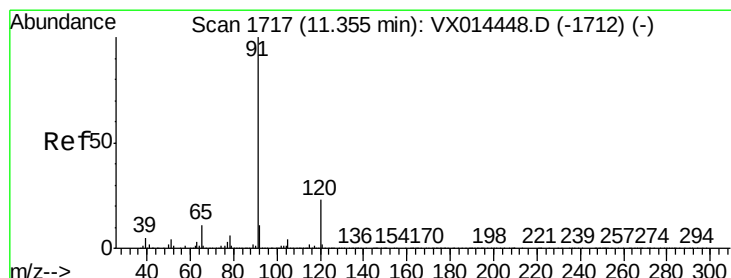
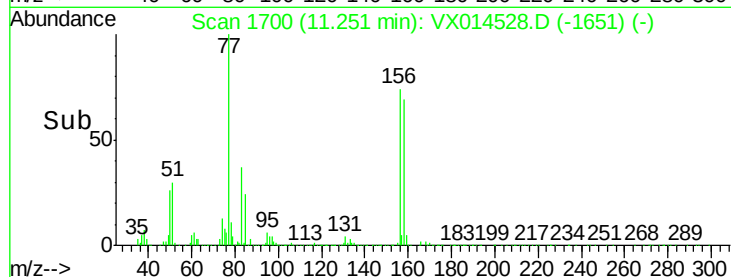
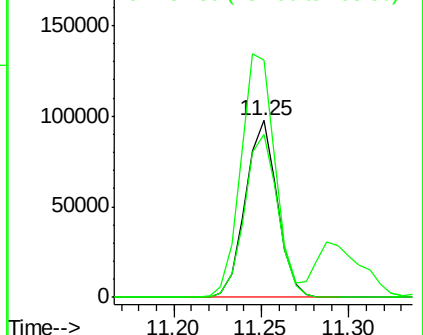
158 95.9 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.278 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014528.D

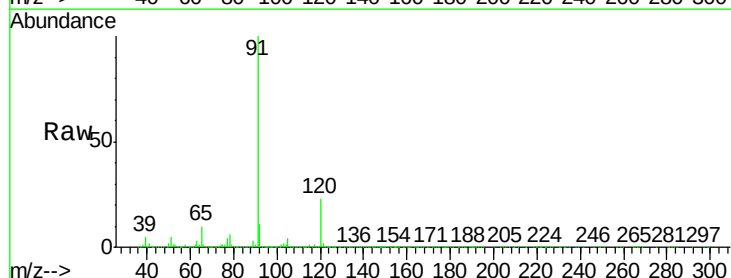
Acq: 10 Jan 2020 11:43

Tgt Ion: 91 Resp: 520167

Ion Ratio Lower Upper

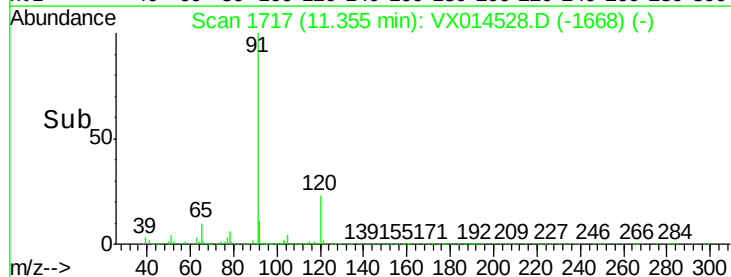
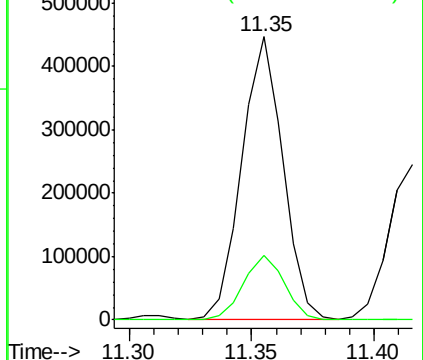
91 100

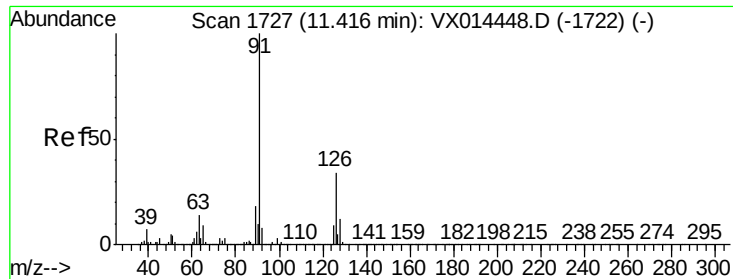
120 23.3 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

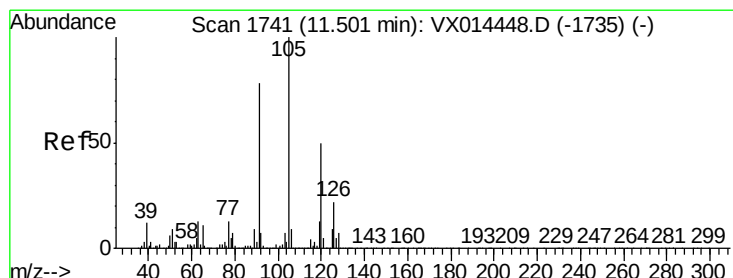
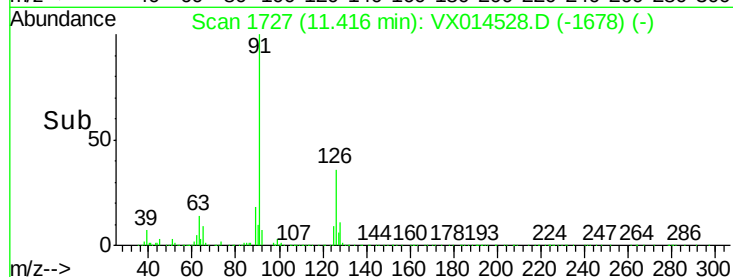
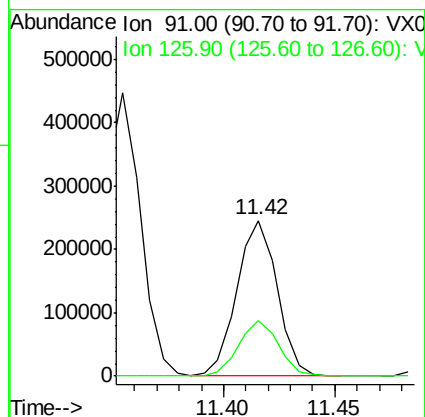
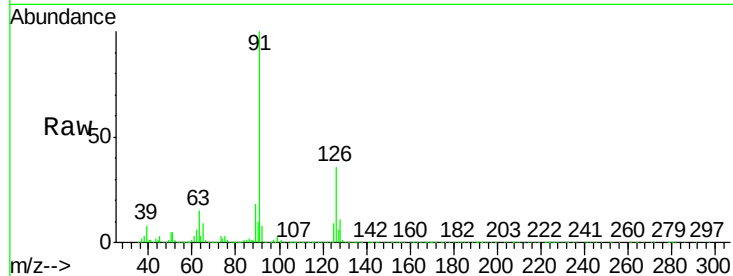




#79
 2-Chlorotoluene
 Concen: 20.249 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX014528.D
 Acq: 10 Jan 2020 11:43

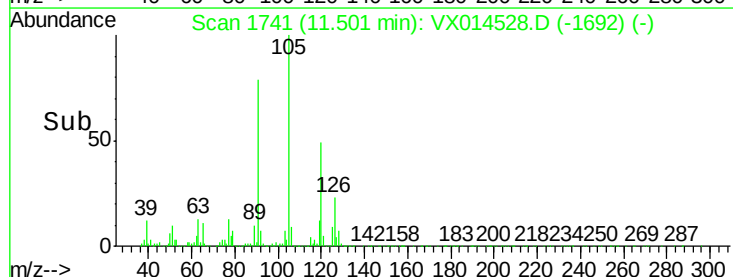
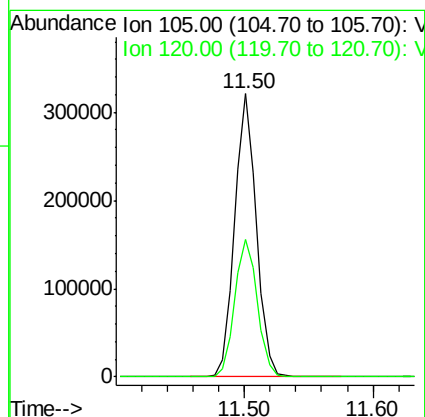
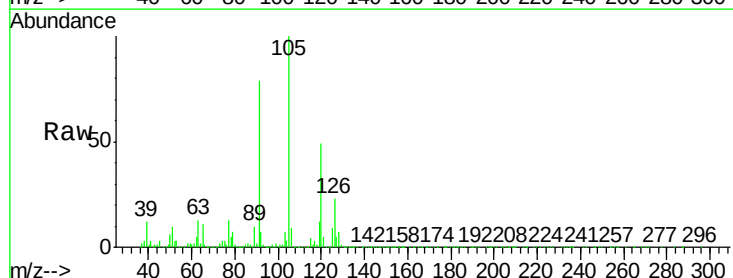
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110MBSD01

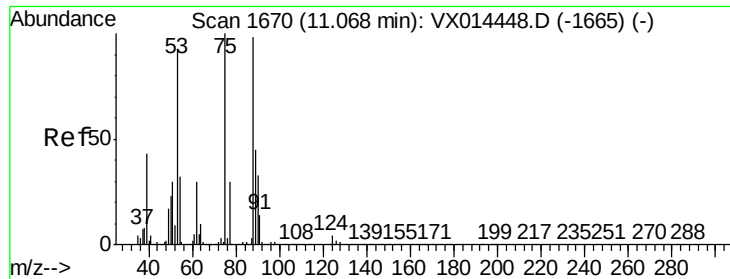
Tgt Ion: 91 Resp: 309580
 Ion Ratio Lower Upper
 91 100
 126 35.7 17.5 52.5



#80
 1,3,5-Trimethylbenzene
 Concen: 20.290 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX014528.D
 Acq: 10 Jan 2020 11:43

Tgt Ion: 105 Resp: 377315
 Ion Ratio Lower Upper
 105 100
 120 50.8 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 19.413 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0110MBSD01

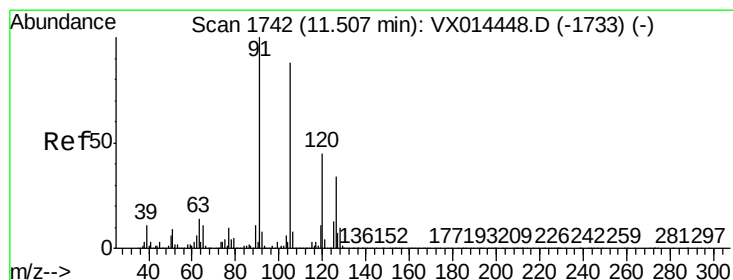
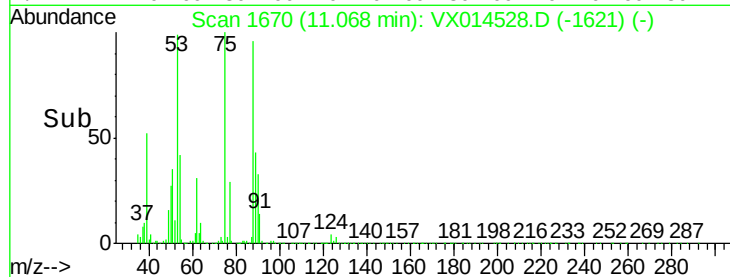
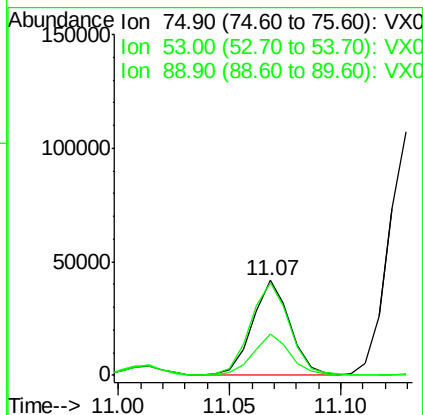
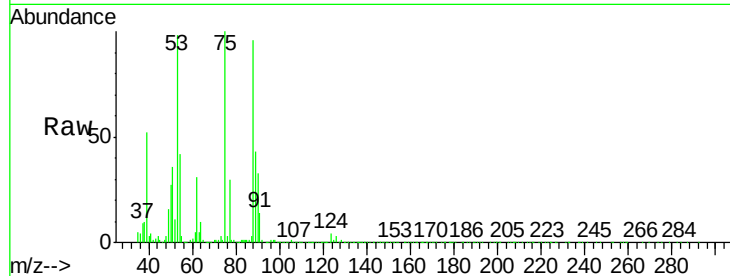
Tgt Ion: 75 Resp: 48459

Ion Ratio Lower Upper

75 100

53 101.8 74.8 112.2

89 41.9 36.3 54.5



#82

4-Chlorotoluene

Concen: 19.493 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX014528.D

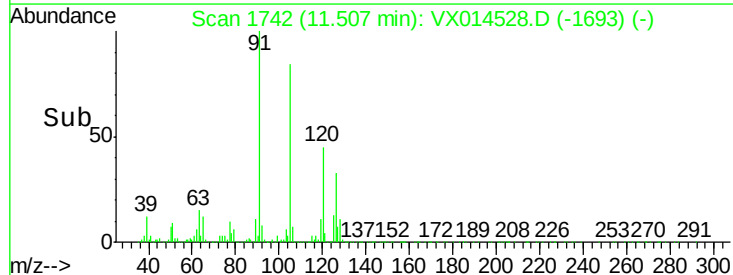
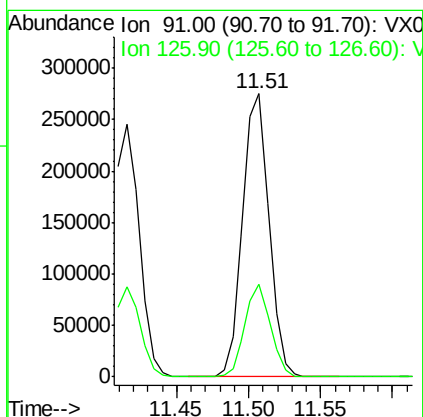
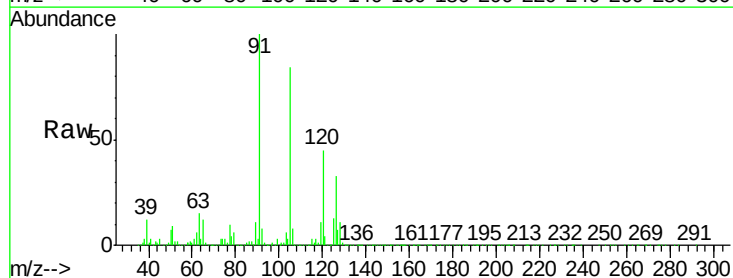
Acq: 10 Jan 2020 11:43

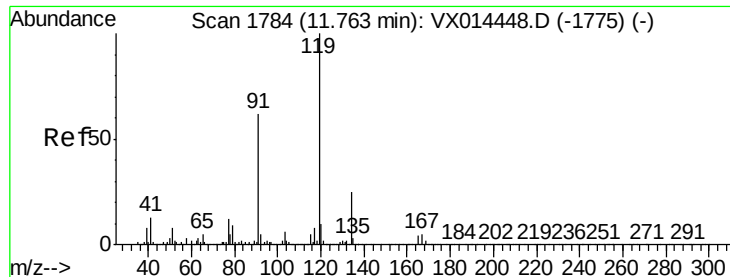
Tgt Ion: 91 Resp: 349827

Ion Ratio Lower Upper

91 100

126 31.6 15.9 47.7





#83

tert-Butylbenzene

Concen: 20.434 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0110MBSD01

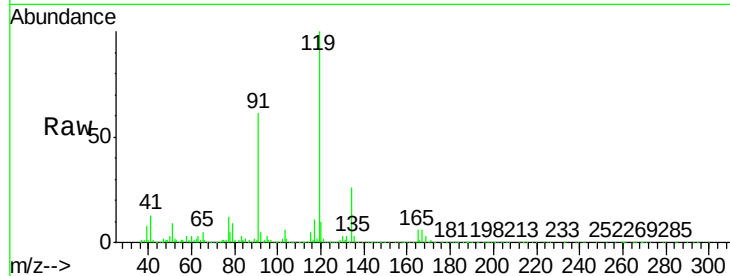
Tgt Ion:119 Resp: 359043

Ion Ratio Lower Upper

119 100

91 57.3 29.3 88.0

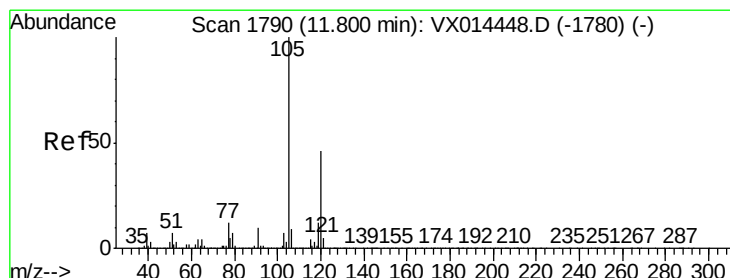
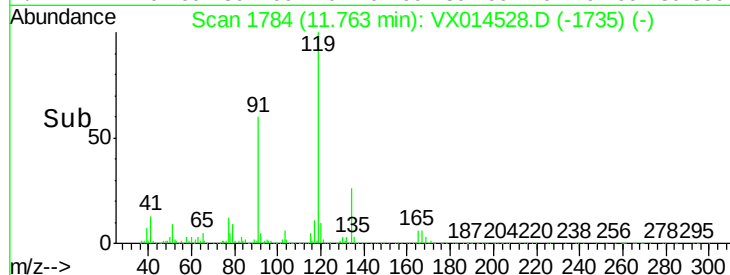
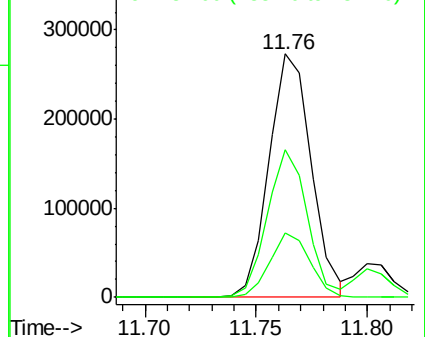
134 25.4 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.469 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX014528.D

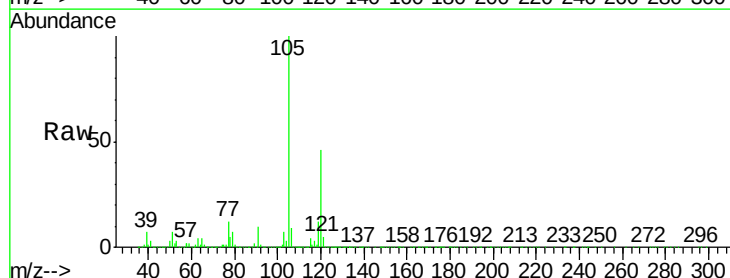
Acq: 10 Jan 2020 11:43

Tgt Ion:105 Resp: 384633

Ion Ratio Lower Upper

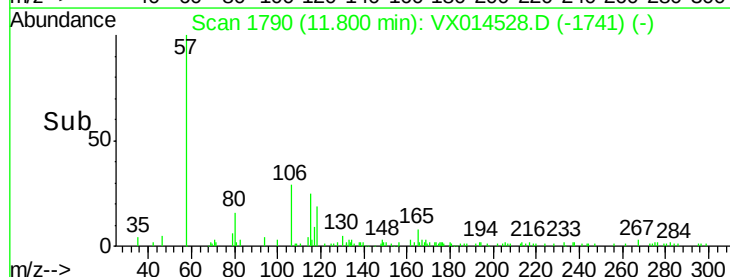
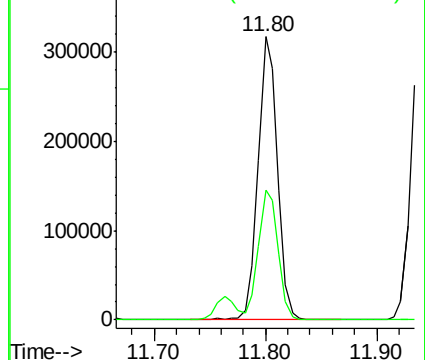
105 100

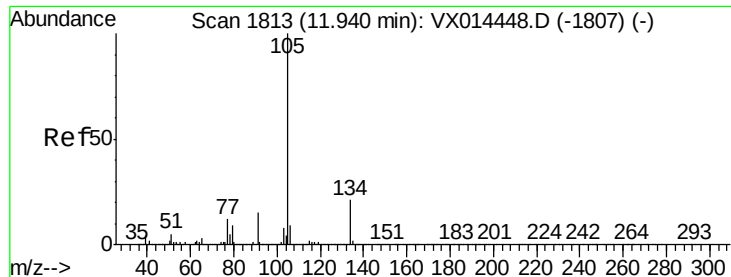
120 46.3 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.433 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

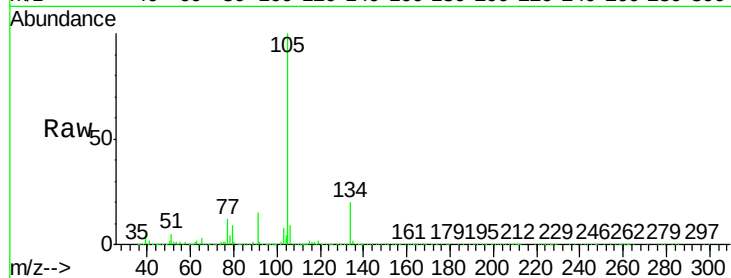
VX0110MBSD01

Tgt Ion:105 Resp: 446337

Ion Ratio Lower Upper

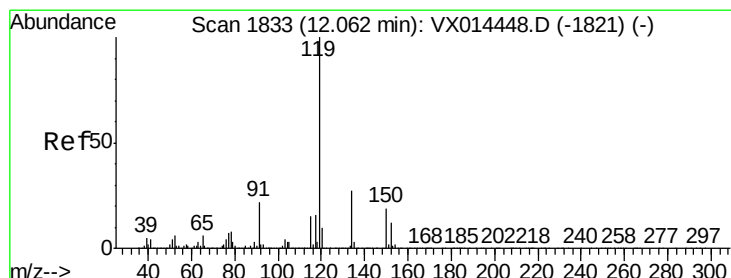
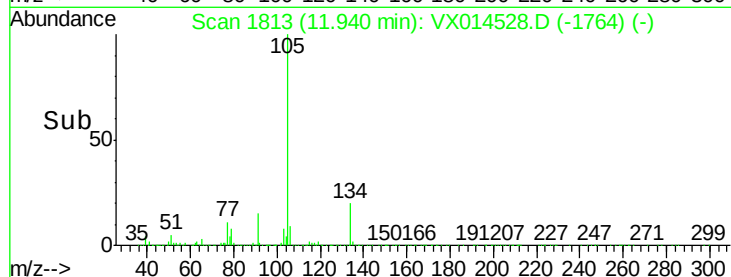
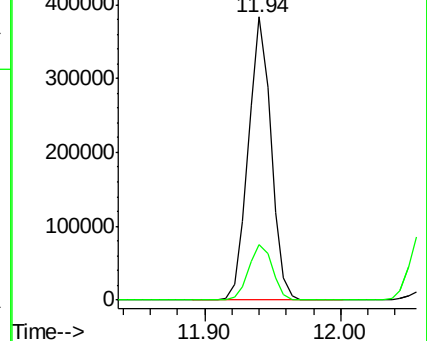
105 100

134 20.8 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.141 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

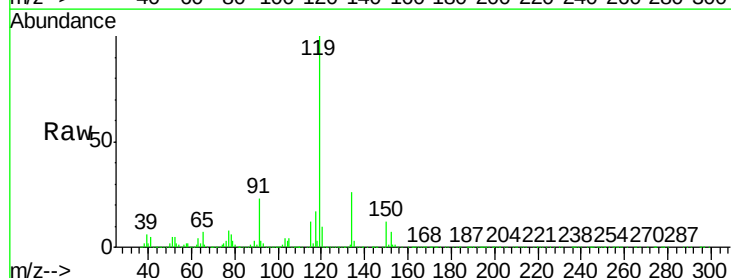
Tgt Ion:119 Resp: 408249

Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

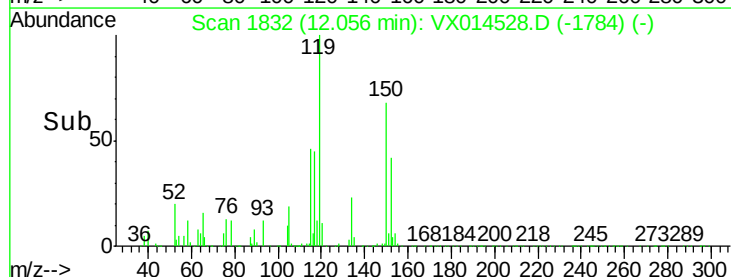
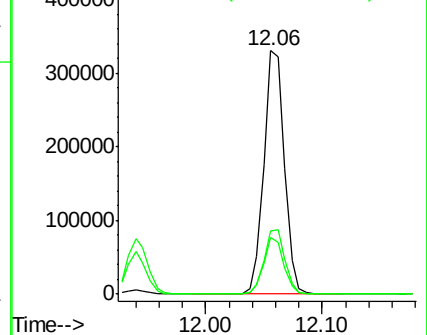
91 22.6 11.1 33.3

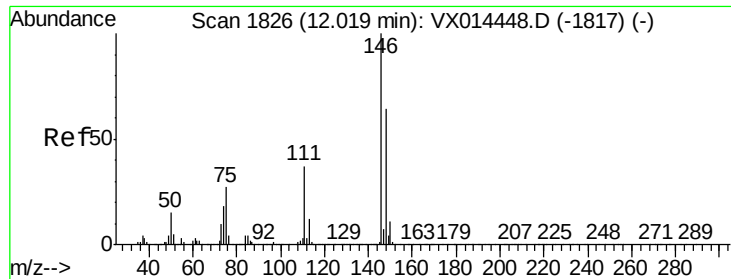


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 19.345 ug/l

RT: 12.02 min Scan# 1826

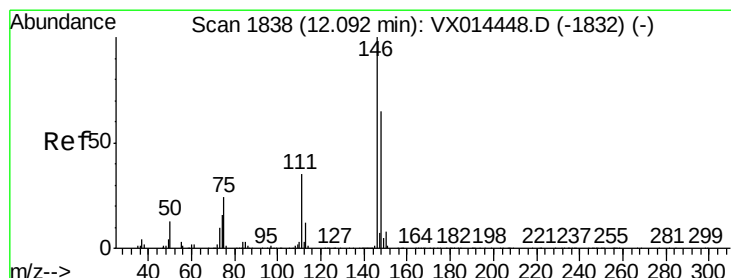
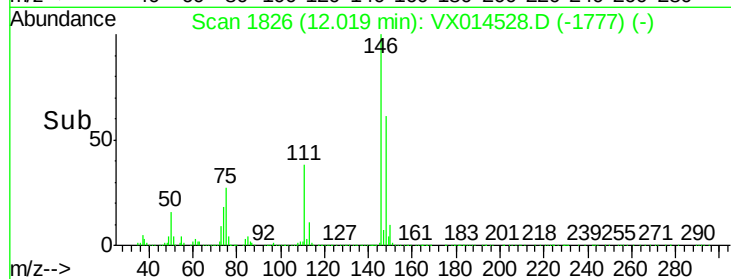
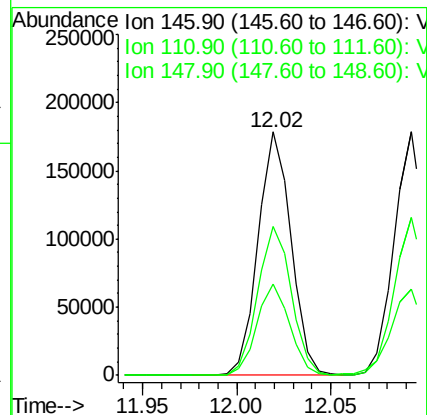
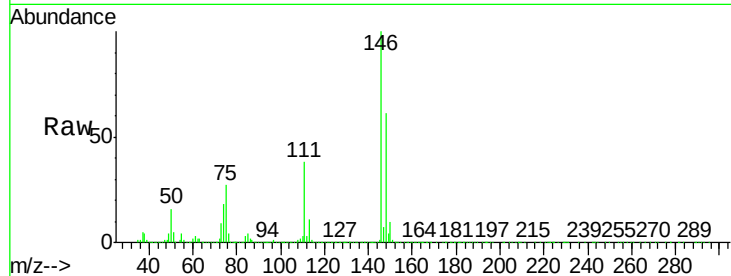
Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0110MBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.9	56.7
148	62.6	32.2	96.6



#88

1,4-Dichlorobenzene

Concen: 20.019 ug/l

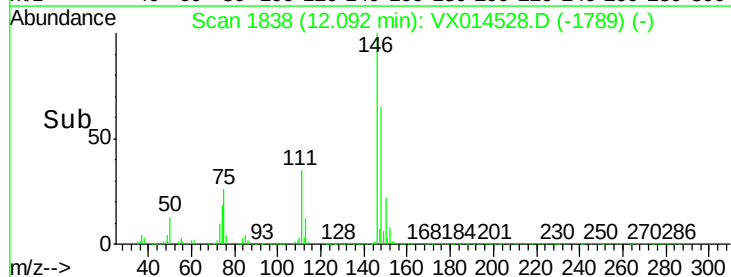
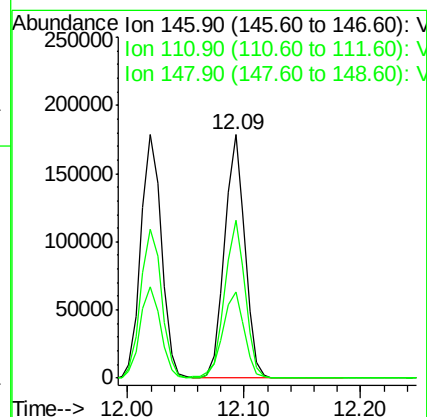
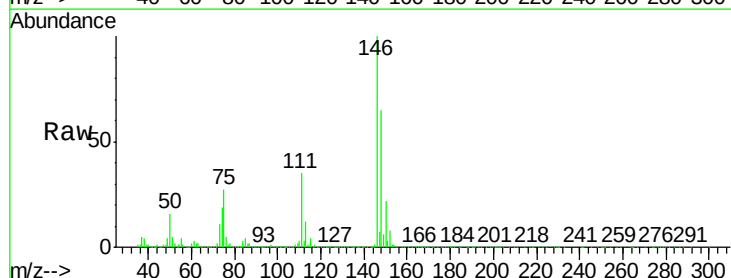
RT: 12.09 min Scan# 1838

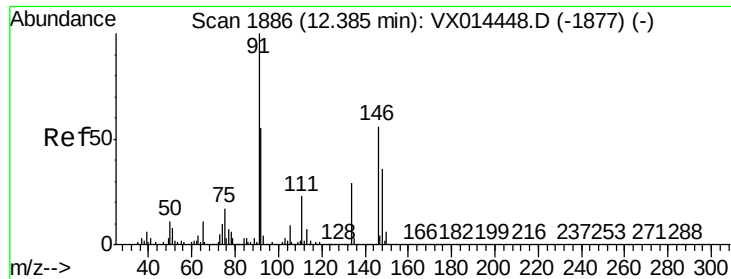
Delta R.T. 0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.1	54.1
148	65.3	32.1	96.3

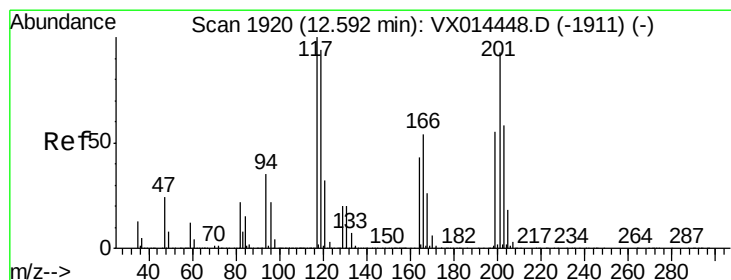
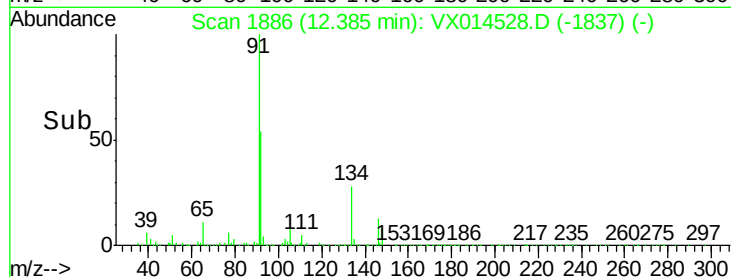
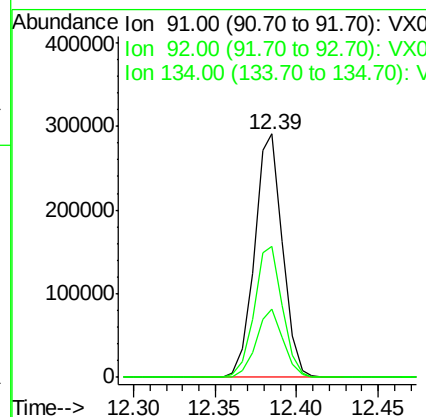
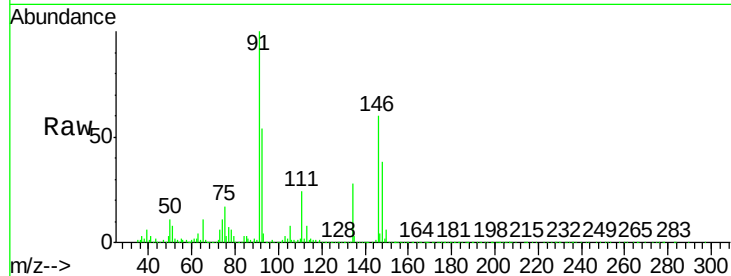




#89
n-Butylbenzene
Concen: 18.717 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

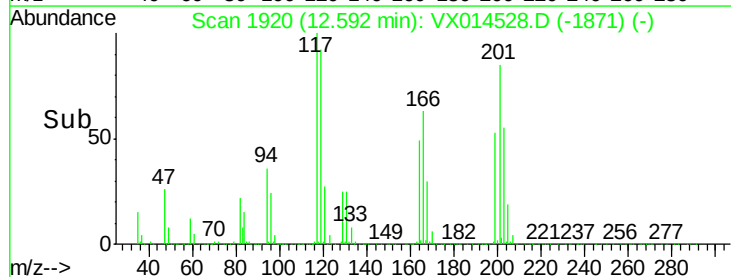
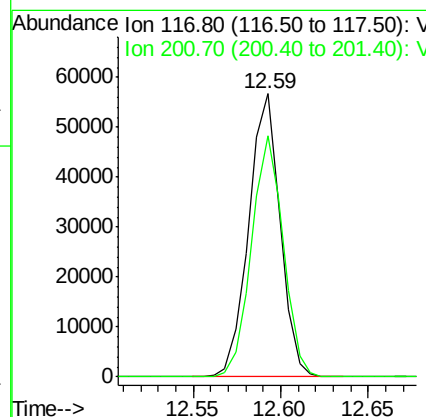
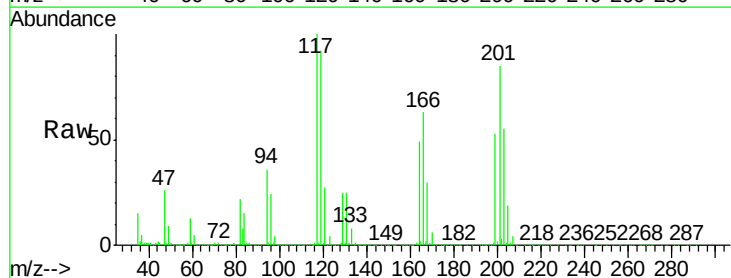
Instrument :
MSVOA_X
ClientSampleId :
VX0110MBSD01

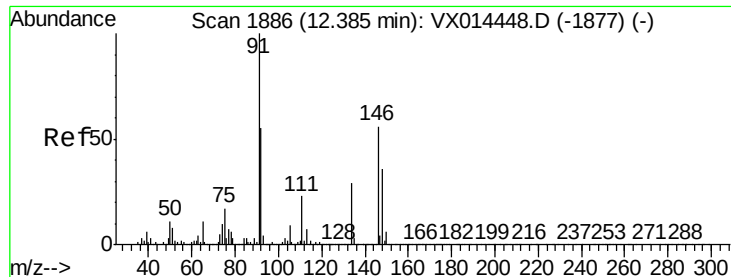
Tgt Ion: 91 Resp: 346879
Ion Ratio Lower Upper
91 100
92 54.3 27.4 82.2
134 27.1 13.9 41.7



#90
Hexachloroethane
Concen: 19.724 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

Tgt Ion: 117 Resp: 70225
Ion Ratio Lower Upper
117 100
201 86.8 44.8 134.3

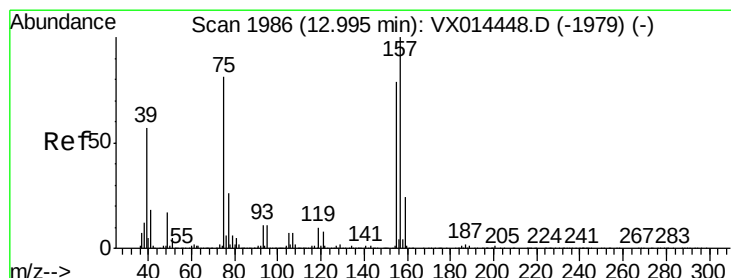
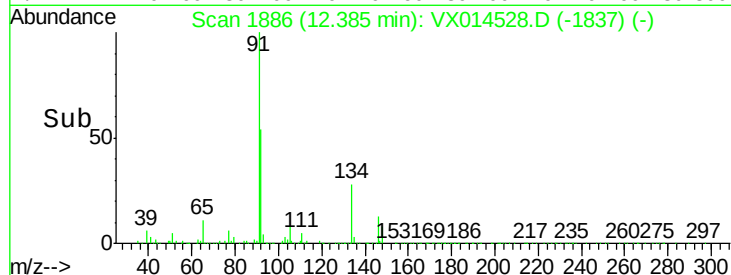
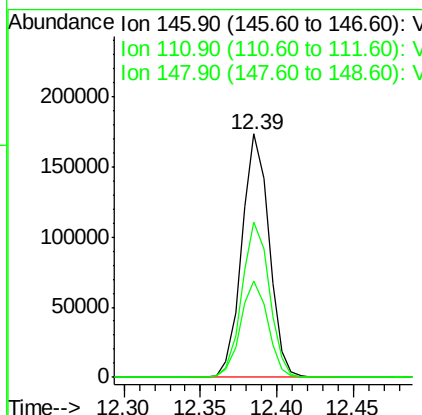
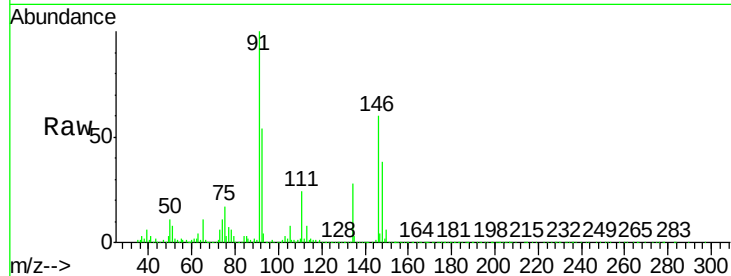




#91
 1,2-Dichlorobenzene
 Concen: 19.603 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014528.D
 Acq: 10 Jan 2020 11:43

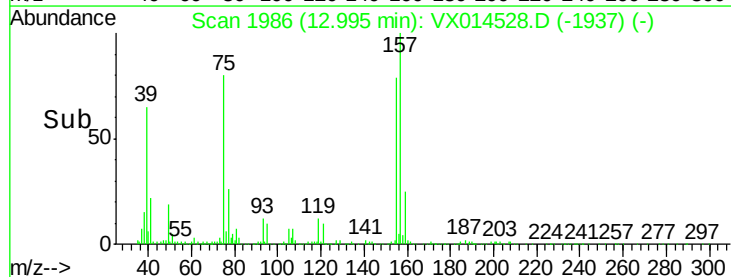
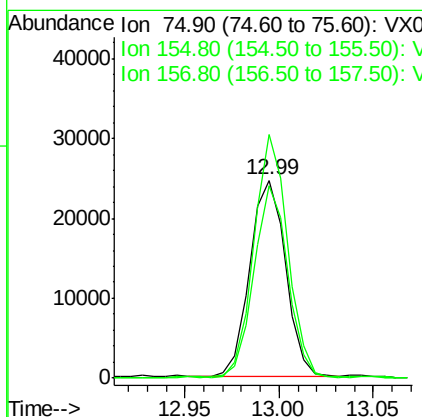
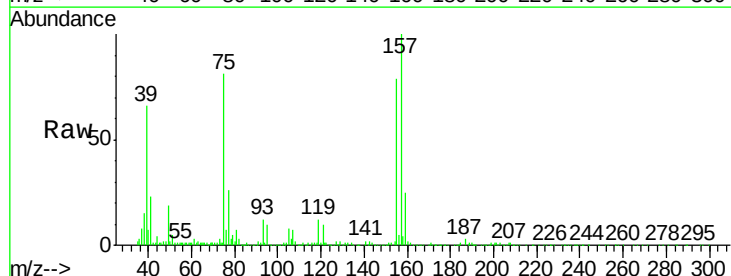
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110MBSD01

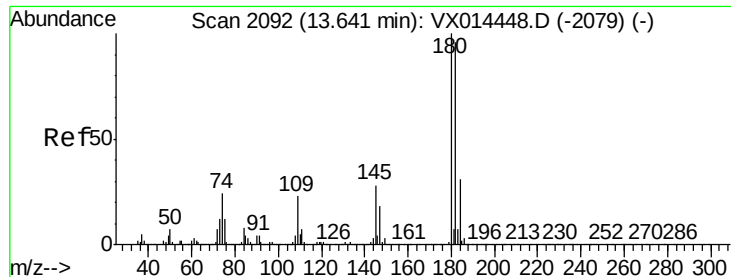
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.8	59.4
148	64.3	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.920 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX014528.D
 Acq: 10 Jan 2020 11:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.6	48.7	146.1
157	117.6	62.0	185.9

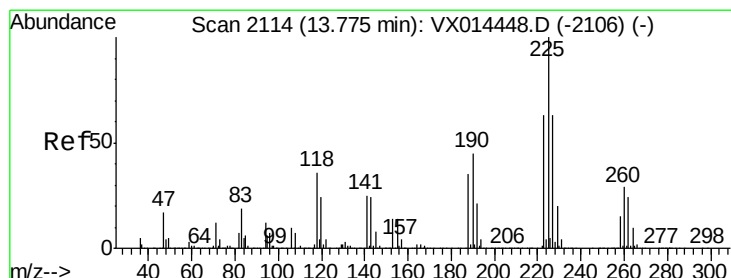
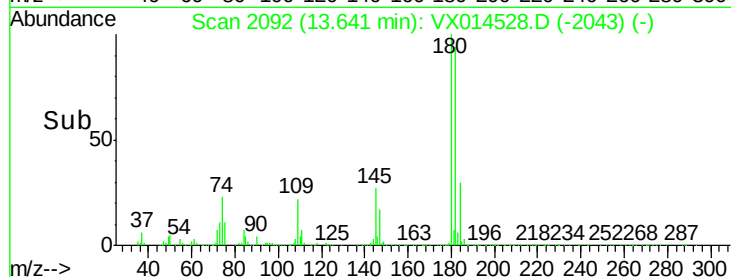
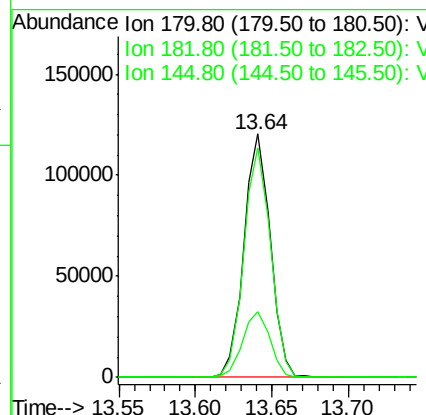
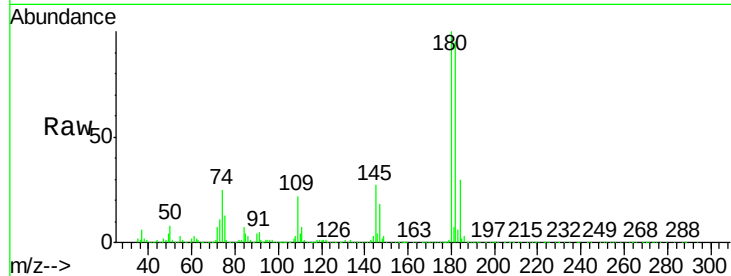




#93
 1,2,4-Trichlorobenzene
 Concen: 18.763 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014528.D
 Acq: 10 Jan 2020 11:43

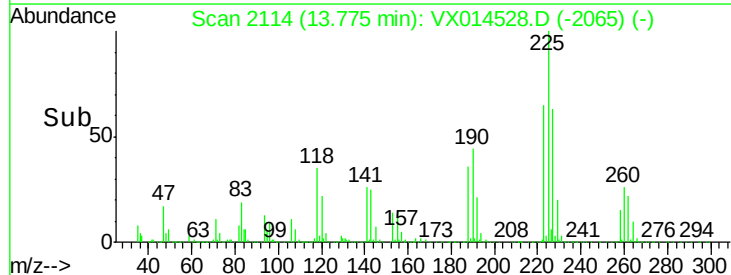
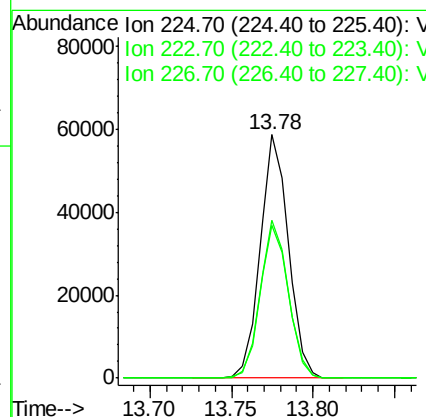
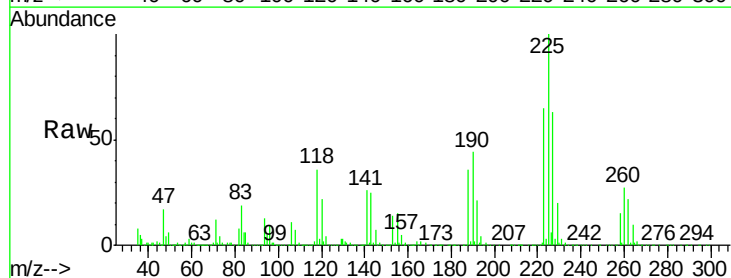
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110MBSD01

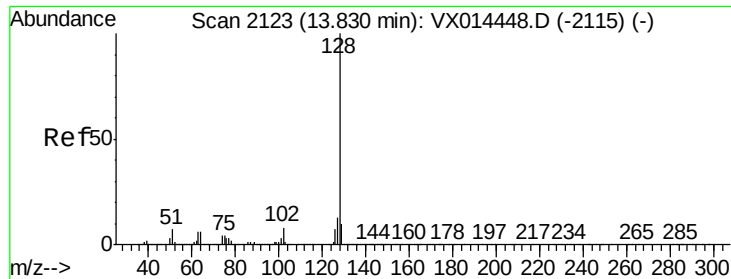
Tgt Ion:180 Resp: 144367
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.5 142.5
 145 27.8 13.9 41.6



#94
 Hexachlorobutadiene
 Concen: 19.687 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014528.D
 Acq: 10 Jan 2020 11:43

Tgt Ion:225 Resp: 70547
 Ion Ratio Lower Upper
 225 100
 223 64.4 31.1 93.2
 227 63.2 31.4 94.2

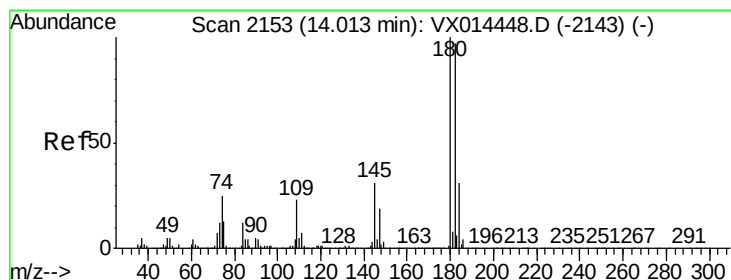
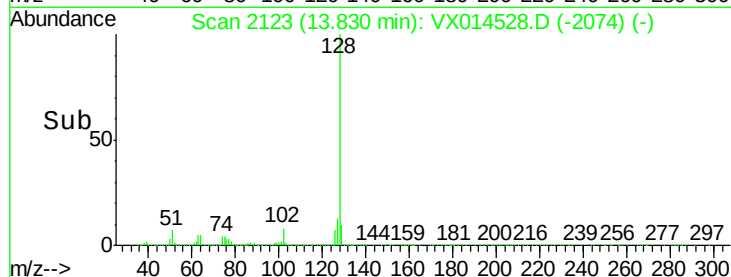
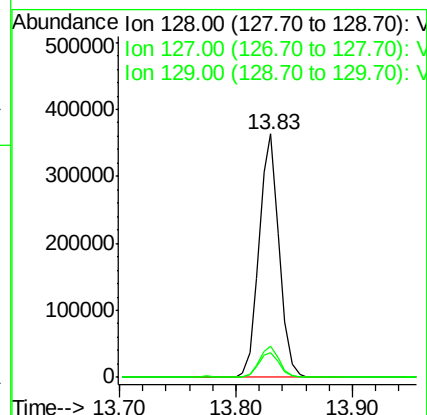
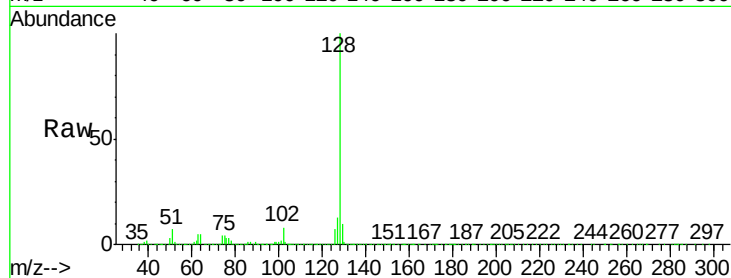




#95
Naphthalene
Concen: 18.262 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0110MBSD01

Tgt Ion:128 Resp: 434500
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.272 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

Tgt Ion:180 Resp: 146235
Ion Ratio Lower Upper
180 100
182 96.0 47.9 143.6
145 30.4 14.8 44.3

