

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101019\
 Data File : VX013012.D
 Acq On : 11 Oct 2019 04:58
 Operator : JC/SP
 Sample : VX1010WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1011MBL01

Quant Time: Oct 11 08:26:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	125788	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	241050	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	216529	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	92404	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	102629	65.28	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	130.56%	
35) Dibromofluoromethane	5.48	113	78288	56.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.18%	
50) Toluene-d8	8.71	98	266099	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
62) 4-Bromofluorobenzene	11.14	95	103033	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	16014	12.490	ug/l	99
3) Chloromethane	1.32	50	31559	22.616	ug/l	97
4) Vinyl Chloride	1.40	62	26539	18.426	ug/l	100
5) Bromomethane	1.63	94	17172	28.682	ug/l	97
6) Chloroethane	1.72	64	20476	23.471	ug/l	92
7) Trichlorofluoromethane	1.92	101	29634	15.244	ug/l	97
8) Diethyl Ether	2.18	74	20306	25.879	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	17232	13.697	ug/l	99
10) Methyl Iodide	2.50	142	28082	22.782	ug/l	99
11) Tert butyl alcohol	3.03	59	54116	129.845	ug/l	95
12) 1,1-Dichloroethene	2.36	96	23663	18.615	ug/l	91
13) Acrolein	2.28	56	23551	79.515	ug/l	99
14) Allyl chloride	2.72	41	48421	21.390	ug/l	98
15) Acrylonitrile	3.12	53	100696	127.493	ug/l	100
16) Acetone	2.43	43	87724	105.857	ug/l	99
17) Carbon Disulfide	2.56	76	61230	16.893	ug/l	96
18) Methyl Acetate	2.76	43	49506	25.204	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	116608	26.564	ug/l	98
20) Methylene Chloride	2.84	84	36737	24.122	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	28762	21.111	ug/l	92
22) Diisopropyl ether	3.84	45	110829	25.550	ug/l	89
23) Vinyl Acetate	3.80	43	465688	124.360	ug/l	100
24) 1,1-Dichloroethane	3.68	63	58630	24.026	ug/l	97
25) 2-Butanone	4.65	43	137501	119.597	ug/l	97
26) 2,2-Dichloropropane	4.58	77	28497	13.887	ug/l	95
27) cis-1,2-Dichloroethene	4.58	96	37167	23.666	ug/l	96
28) Bromochloromethane	5.00	49	19502	26.531	ug/l	99
29) Tetrahydrofuran	5.11	42	88591	125.219	ug/l	98
30) Chloroform	5.20	83	61047	24.380	ug/l	97
31) Cyclohexane	5.57	56	31165	13.658	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	42218	19.899	ug/l	98
36) 1,1-Dichloropropene	5.78	75	34749	16.396	ug/l	99
37) Ethyl Acetate	4.81	43	50572	21.340	ug/l	100
38) Carbon Tetrachloride	5.77	117	32501	15.756	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	30152	11.732	ug/l	99
40) Benzene	6.13	78	129893	20.751	ug/l	99
41) Methacrylonitrile	5.03	41	28716	22.052	ug/l	99
42) 1,2-Dichloroethane	6.18	62	50536	22.500	ug/l	100
43) Isopropyl Acetate	6.43	43	84938	22.331	ug/l	99
44) Trichloroethene	7.20	130	30638	17.651	ug/l	91
45) 1,2-Dichloropropane	7.50	63	34401	21.564	ug/l	97
46) Dibromomethane	7.65	93	24412	22.967	ug/l	98
47) Bromodichloromethane	7.89	83	43621	21.030	ug/l	100
48) Methyl methacrylate	7.76	41	40533	21.868	ug/l	99
49) 1,4-Dioxane	7.73	88	20974	441.954	ug/l	100
51) 4-Methyl-2-Pentanone	8.63	43	266694	112.459	ug/l	99
52) Toluene	8.78	92	76012	18.982	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	44727	18.698	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	50091	19.635	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	36711	23.165	ug/l	99
56) Ethyl methacrylate	9.17	69	55642	20.720	ug/l	97
57) 1,3-Dichloropropane	9.37	76	61724	22.516	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	129257	111.026	ug/l	99
59) 2-Hexanone	9.48	43	201308	109.049	ug/l	100
60) Dibromochloromethane	9.57	129	33801	20.311	ug/l	99
61) 1,2-Dibromoethane	9.67	107	37647	22.582	ug/l	98
64) Tetrachloroethene	9.33	164	27332	18.199	ug/l	95
65) Chlorobenzene	10.14	112	81006	18.839	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	31394	21.057	ug/l	98
67) Ethyl Benzene	10.25	91	134548	17.616	ug/l	98
68) m/p-Xylenes	10.35	106	99334	34.813	ug/l	97
69) o-Xylene	10.70	106	50611	18.189	ug/l	99
70) Styrene	10.71	104	91162	19.272	ug/l	98
71) Bromoform	10.85	173	22157	19.485	ug/l	# 99
73) Isopropylbenzene	11.01	105	118764	17.481	ug/l	99
74) N-amyl acetate	10.89	43	68271	23.333	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	54228	23.999	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	57971	28.285	ug/l	80
77) Bromobenzene	11.25	156	34862	21.776	ug/l	97
78) n-propylbenzene	11.35	91	126702	16.949	ug/l	98
79) 2-Chlorotoluene	11.42	91	89644	19.081	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	100834	17.775	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	12601	18.603	ug/l	90
82) 4-Chlorotoluene	11.51	91	98239	18.243	ug/l	97
83) tert-Butylbenzene	11.76	119	90602	16.373	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	103675	18.045	ug/l	99
85) sec-Butylbenzene	11.94	105	97889	15.269	ug/l	99
86) p-Isopropyltoluene	12.06	119	94595	15.909	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	57140	19.220	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	57326	19.040	ug/l	98
89) n-Butylbenzene	12.39	91	71320	14.272	ug/l	99
90) Hexachloroethane	12.59	117	15854	15.905	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	60305	20.691	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	11902	22.473	ug/l	94

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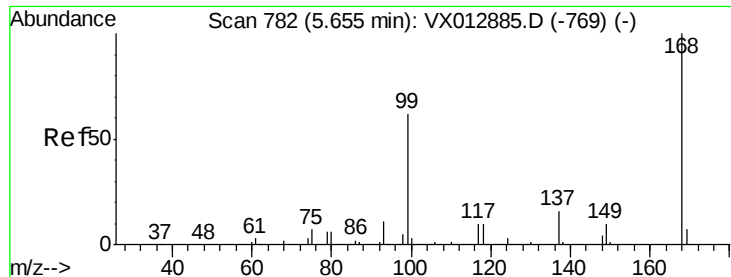
Instrument :
MSVOA_X
ClientSampleId :
VX1011MBL01

Quant Time: Oct 11 08:26:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	33612	18.410	ug/l	96
94) Hexachlorobutadiene	13.78	225	10591	12.570	ug/l	95
95) Naphthalene	13.83	128	130853	20.675	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	36300	19.240	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX013012.D

Acq: 11 Oct 2019 04:58

Instrument :

MSVOA_X

ClientSampleId :

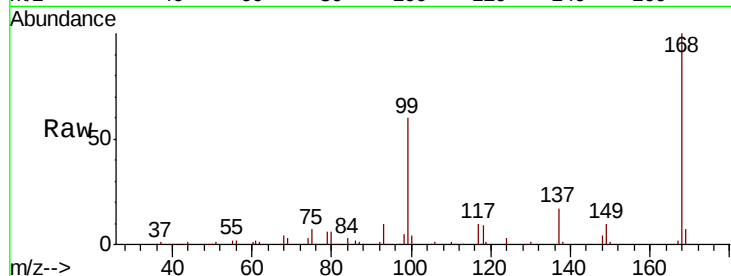
VX1011MBL01

Tot Ion:168 Resp: 125788

Ion Ratio Lower Upper

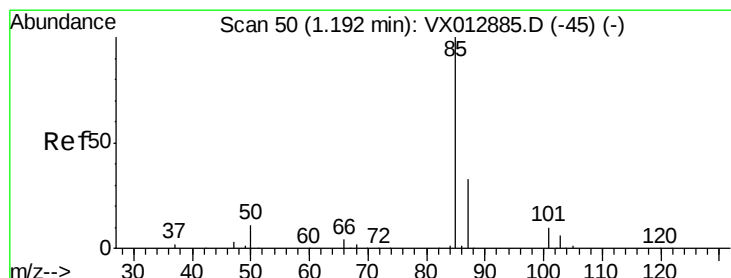
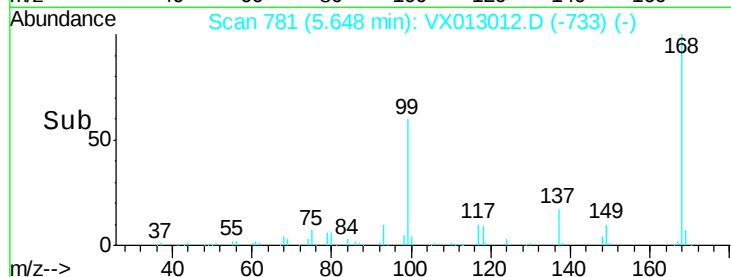
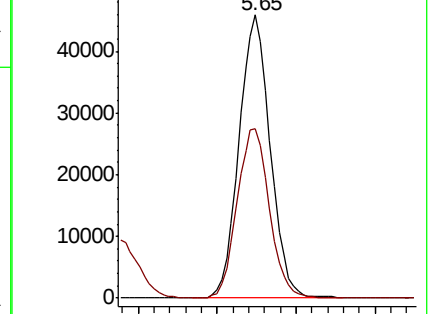
168 100

99 60.0 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 12.490 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX013012.D

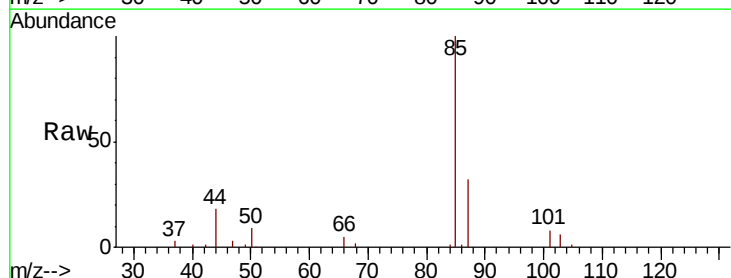
Acq: 11 Oct 2019 04:58

Tgt Ion: 85 Resp: 16014

Ion Ratio Lower Upper

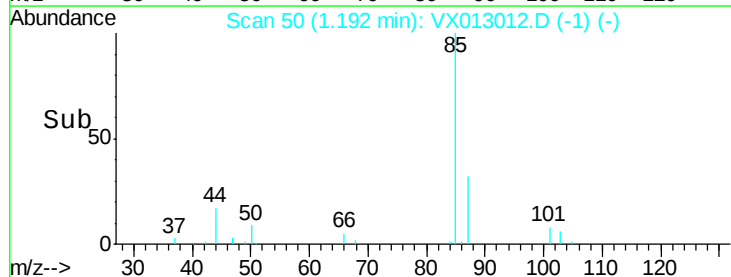
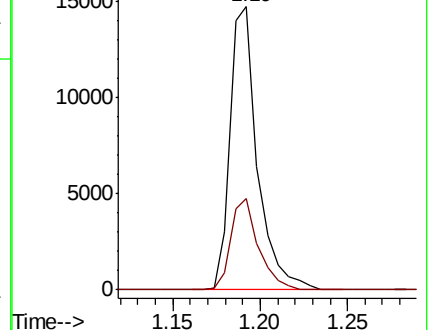
85 100

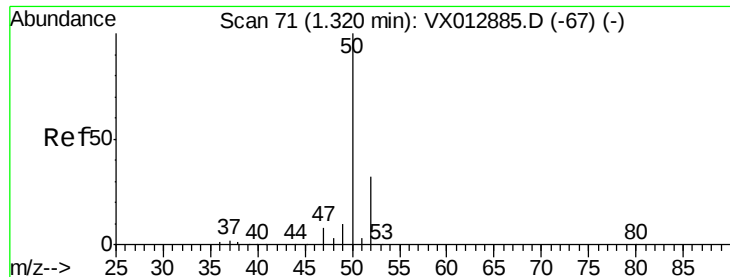
87 32.4 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

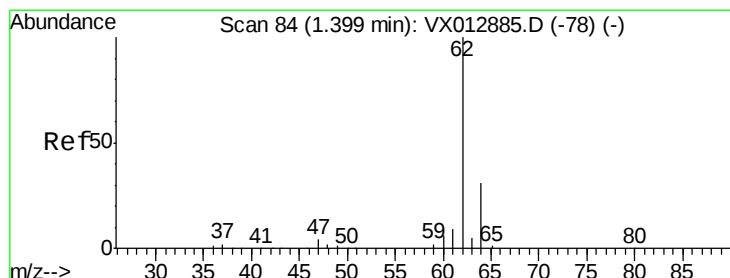
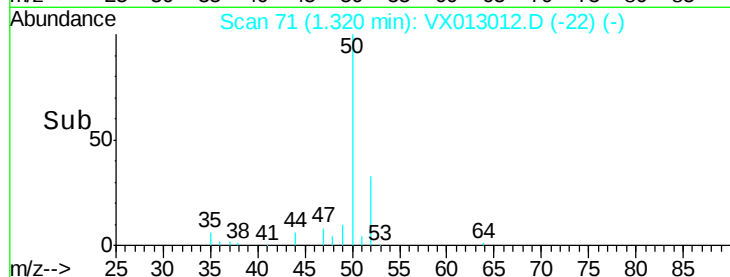
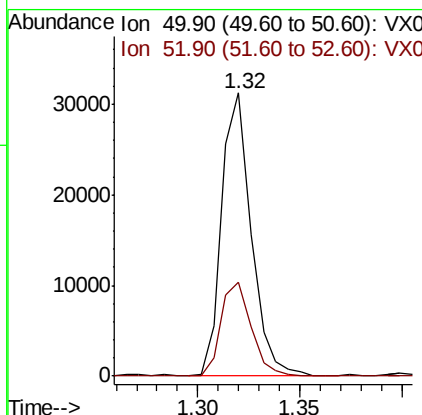
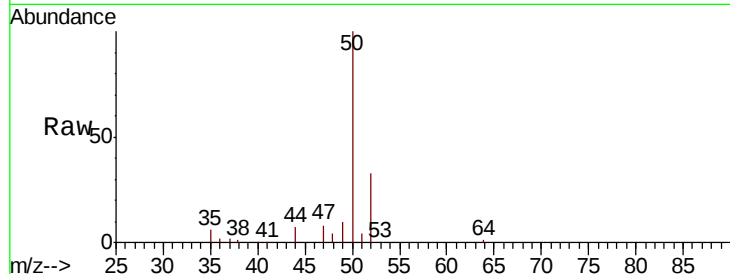




#3
Chloromethane
Concen: 22.616 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX013012.D
Acq: 11 Oct 2019 04:58

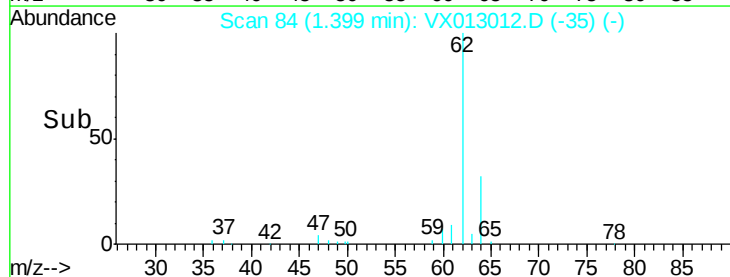
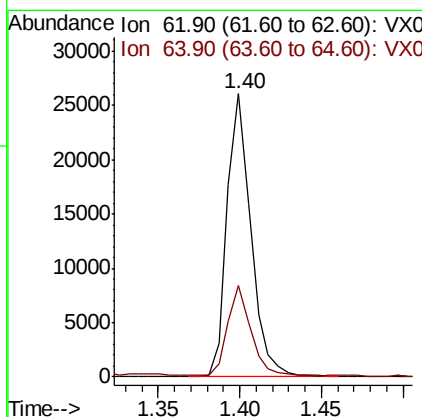
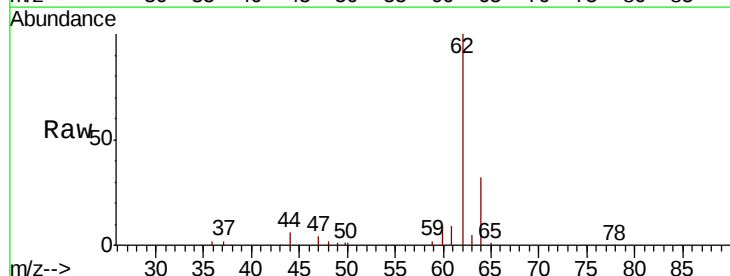
Instrument :
MSVOA_X
ClientSampleId :
VX1011MBL01

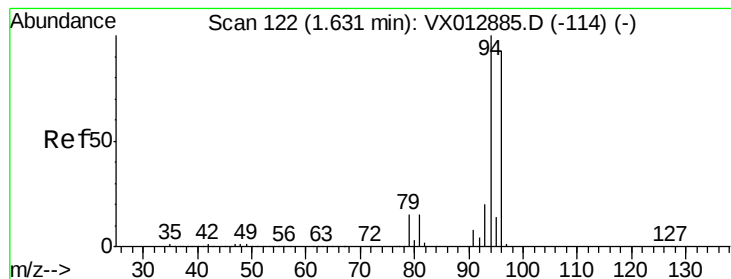
Tot Ion: 50 Resp: 31559
Ion Ratio Lower Upper
50 100
52 33.2 25.2 37.8



#4
Vinyl Chloride
Concen: 18.426 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX013012.D
Acq: 11 Oct 2019 04:58

Tgt Ion: 62 Resp: 26539
Ion Ratio Lower Upper
62 100
64 31.5 25.3 37.9





#5

Bromomethane

Concen: 28.682 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013012.D

Acq: 11 Oct 2019 04:58

Instrument :

MSVOA_X

ClientSampleId :

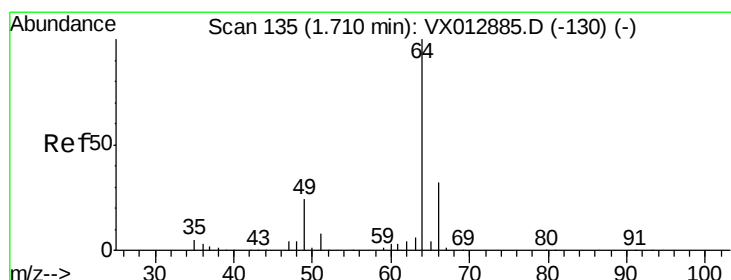
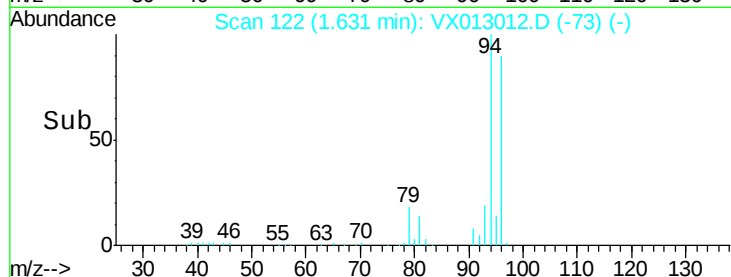
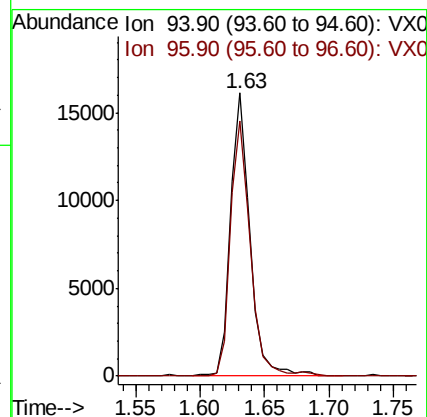
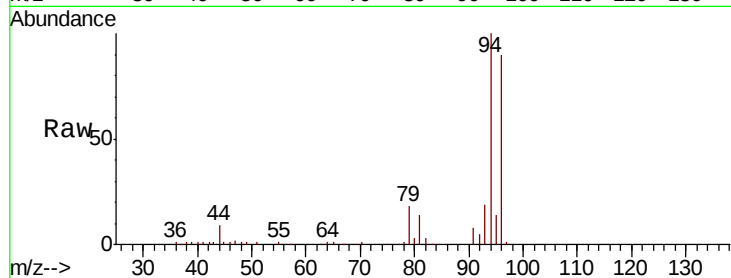
VX1011MBL01

Tot Ion: 94 Resp: 17172

Ion Ratio Lower Upper

94 100

96 90.2 74.7 112.1



#6

Chloroethane

Concen: 23.471 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013012.D

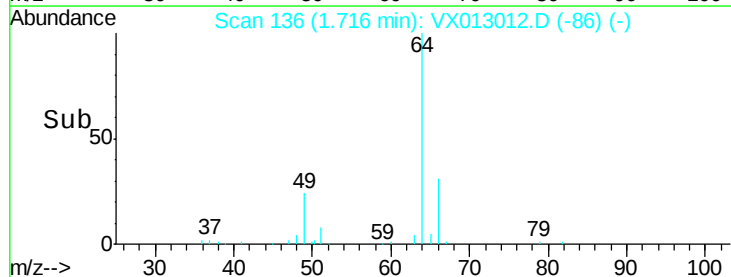
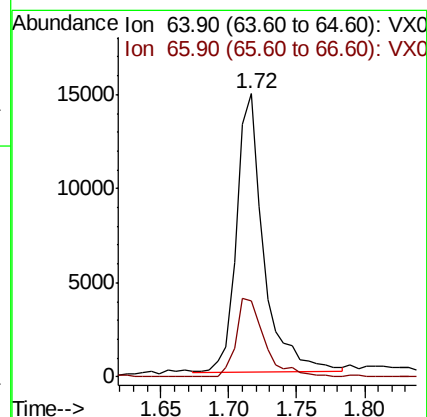
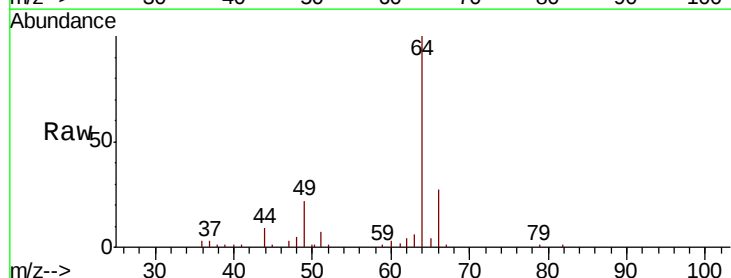
Acq: 11 Oct 2019 04:58

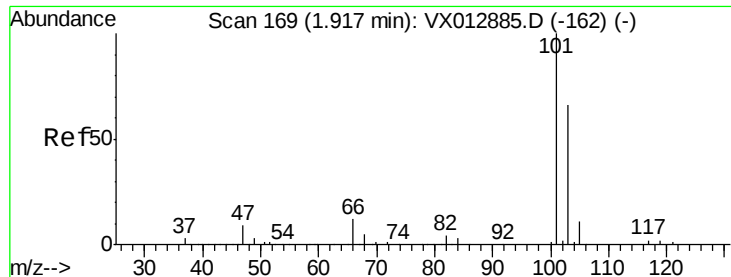
Tgt Ion: 64 Resp: 20476

Ion Ratio Lower Upper

64 100

66 27.6 25.6 38.4



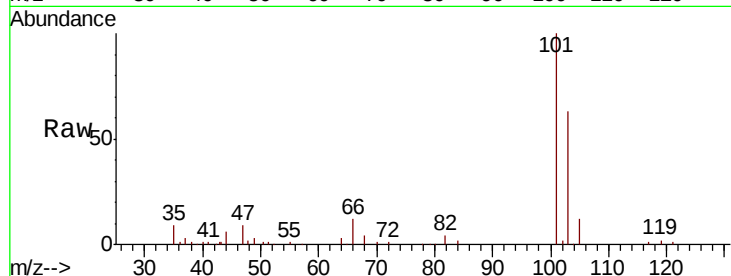


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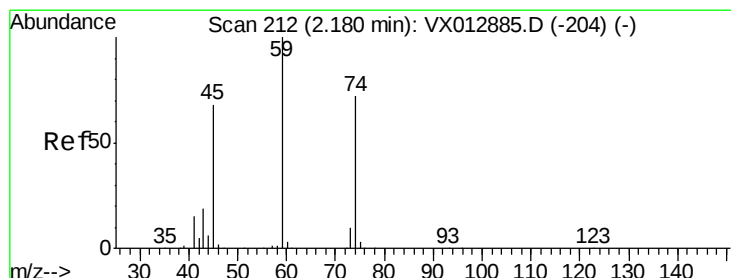
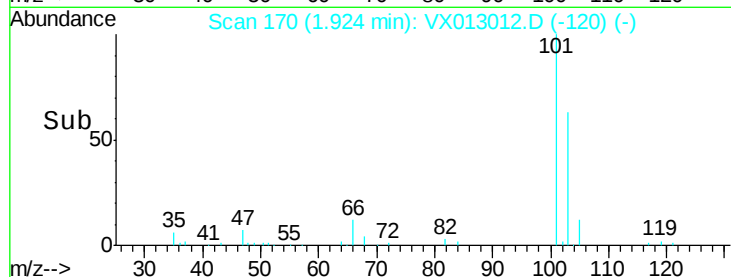
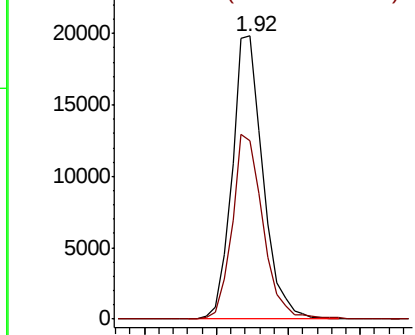
Trichlorofluoromethane
 Concen: 15.244 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX013012.D
 Acq: 11 Oct 2019 04:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1011MBL01

Tot Ion:101 Resp: 29634
 Ion Ratio Lower Upper
 101 100
 103 62.9 52.5 78.7



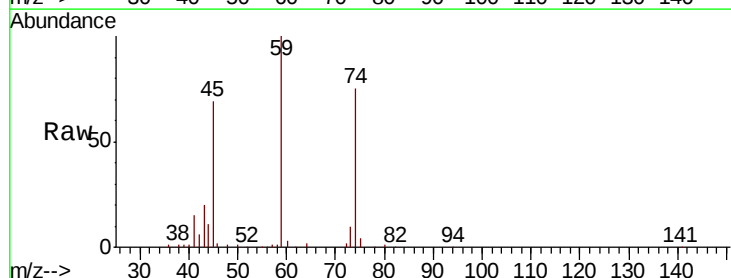
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



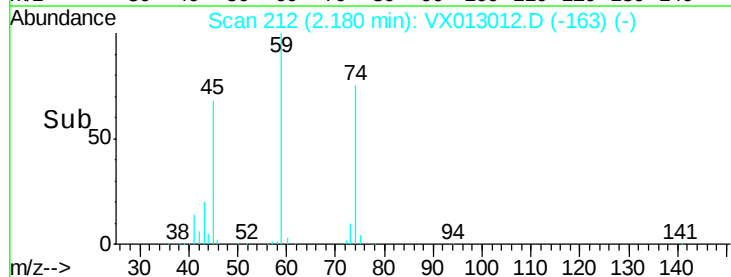
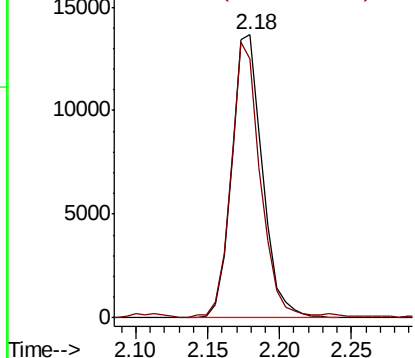
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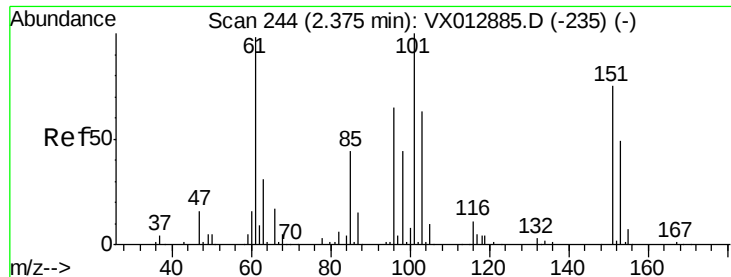
Diethyl Ether
 Concen: 25.879 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX013012.D
 Acq: 11 Oct 2019 04:58

Tgt Ion: 74 Resp: 20306
 Ion Ratio Lower Upper
 74 100
 45 93.3 47.8 143.4



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 13.697 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.01 min

Lab File: VX013012.D

Acq: 11 Oct 2019 04:58

Instrument :

MSVOA_X

ClientSampleId :

VX1011MBL01

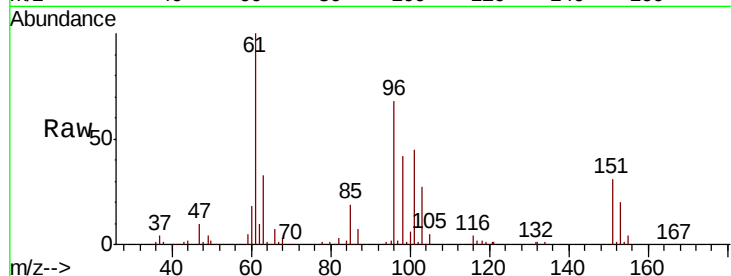
Tot Ion:101 Resp: 17232

Ion Ratio Lower Upper

101 100

85 44.1 35.2 52.8

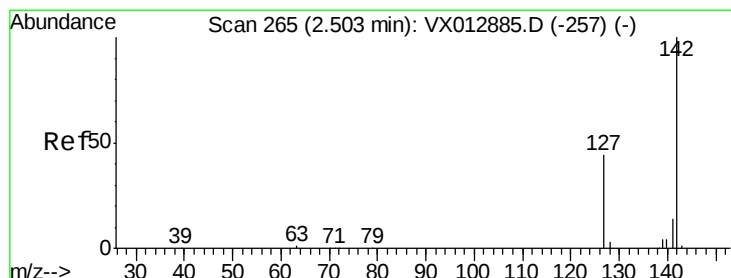
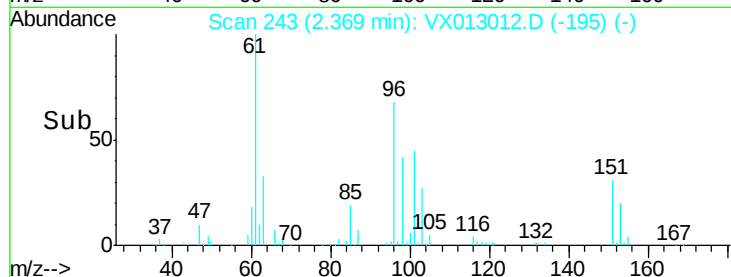
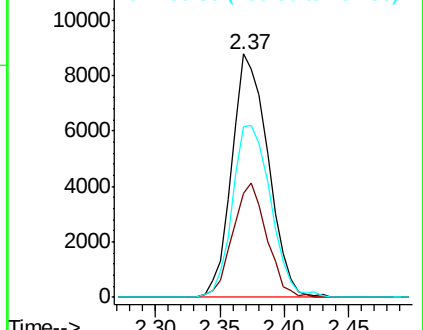
151 74.2 60.3 90.5



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: 22.782 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX013012.D

Acq: 11 Oct 2019 04:58

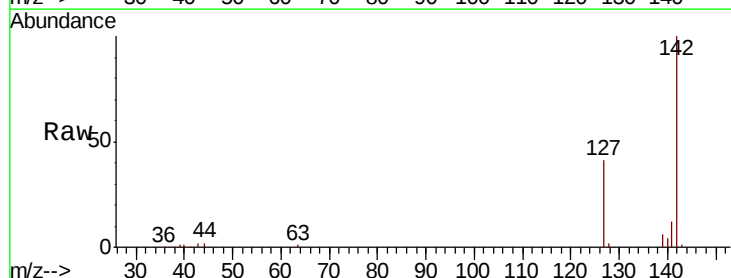
Tgt Ion:142 Resp: 28082

Ion Ratio Lower Upper

142 100

127 44.8 34.9 52.3

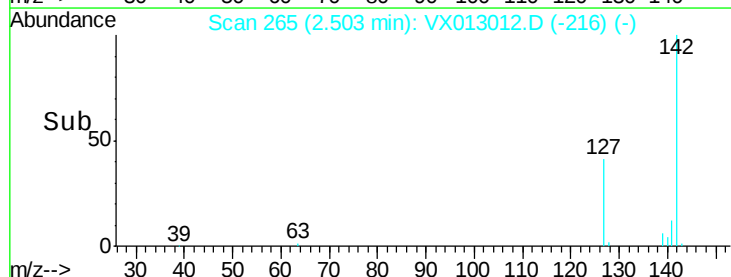
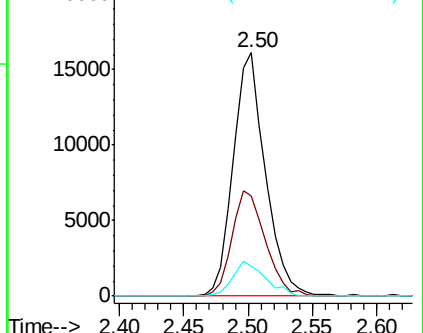
141 14.3 11.6 17.4

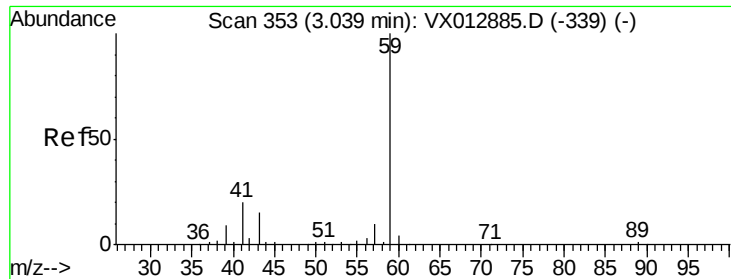


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



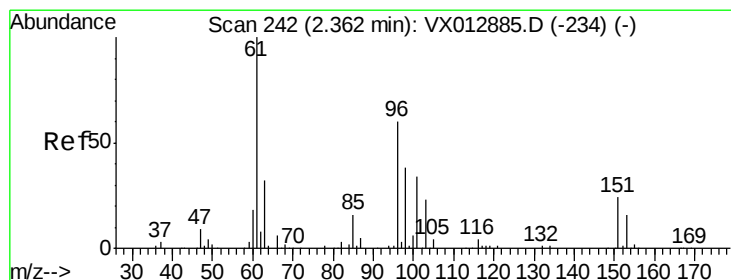
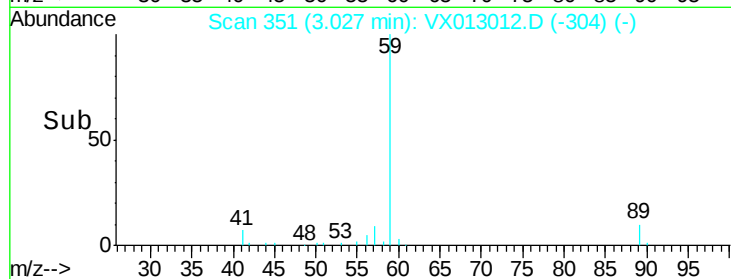
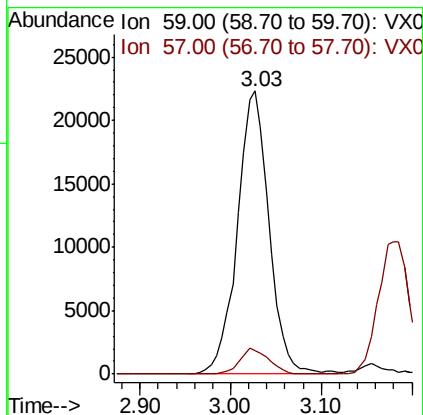
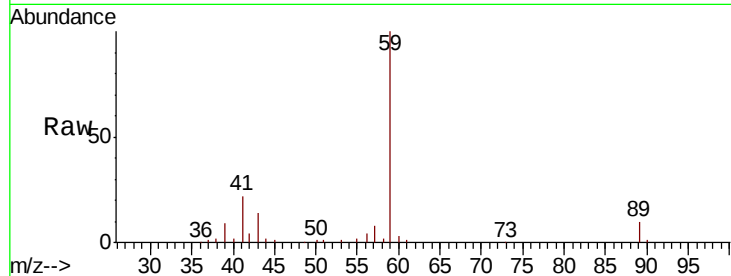


#11

Tert butyl alcohol
 Concen: 129.845 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VX013012.D
 Acq: 11 Oct 2019 04:58

Instrument :
 MSVOA_X
 ClientSampled :
 VX1011MBL01

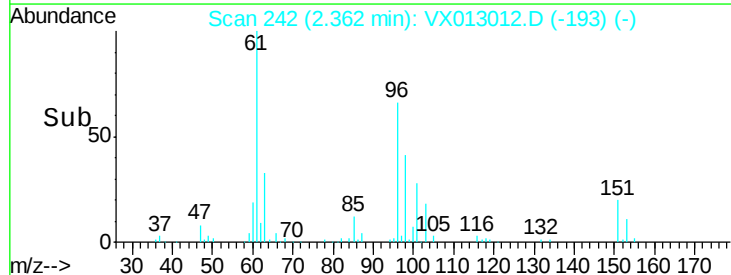
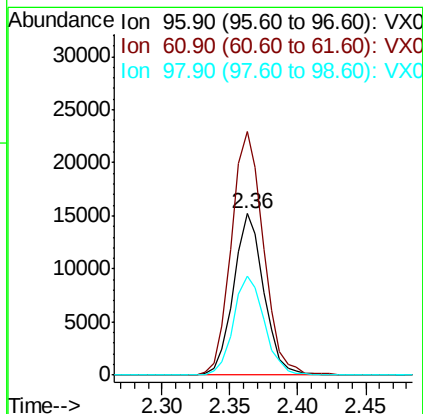
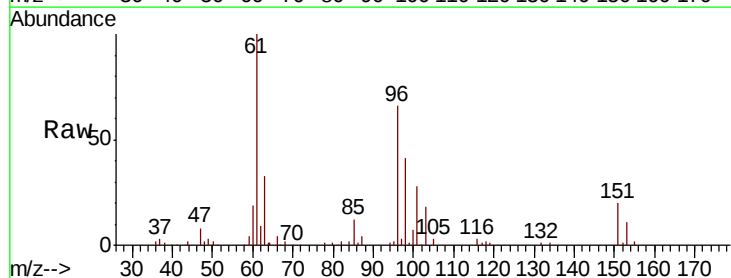
Tot Ion: 59 Resp: 54116
 Ion Ratio Lower Upper
 59 100
 57 8.4 8.3 12.5

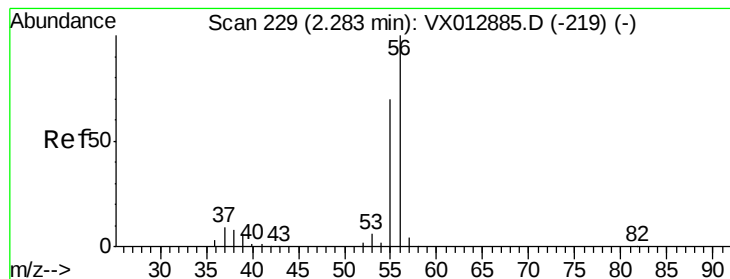


#12

1,1-Dichloroethene
 Concen: 18.615 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX013012.D
 Acq: 11 Oct 2019 04:58

Tgt Ion: 96 Resp: 23663
 Ion Ratio Lower Upper
 96 100
 61 150.7 132.2 198.4
 98 61.2 50.5 75.7





#13

Acrolein

Concen: 79.515 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013012.D

Acq: 11 Oct 2019 04:58

Instrument :

MSVOA_X

ClientSampleId :

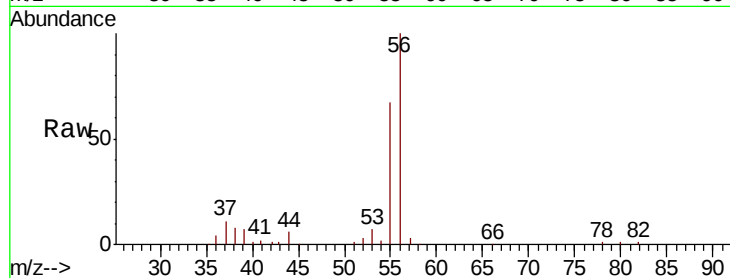
VX1011MBL01

Tot Ion: 56 Resp: 23551

Ion Ratio Lower Upper

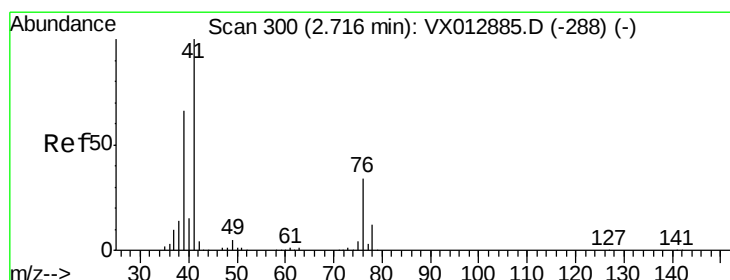
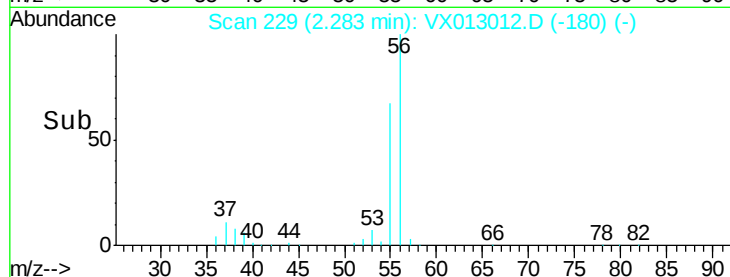
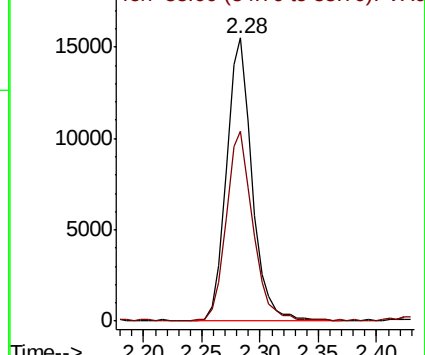
56 100

55 70.3 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 21.390 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013012.D

Acq: 11 Oct 2019 04:58

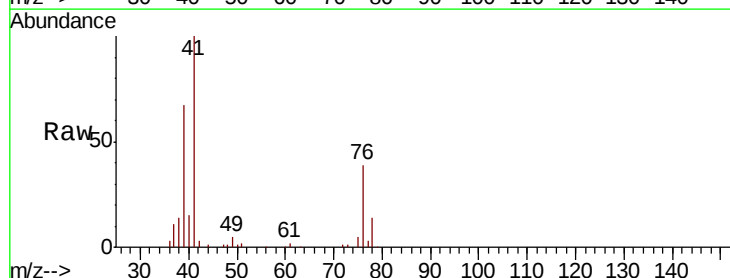
Tgt Ion: 41 Resp: 48421

Ion Ratio Lower Upper

41 100

39 61.8 51.0 76.6

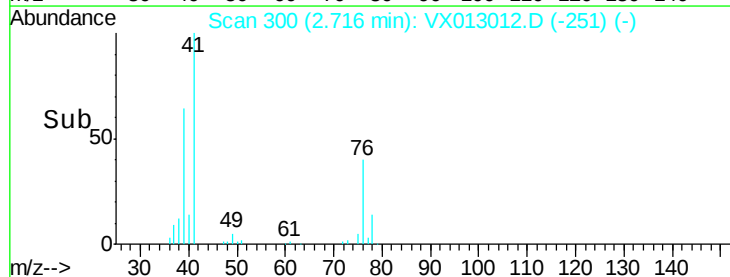
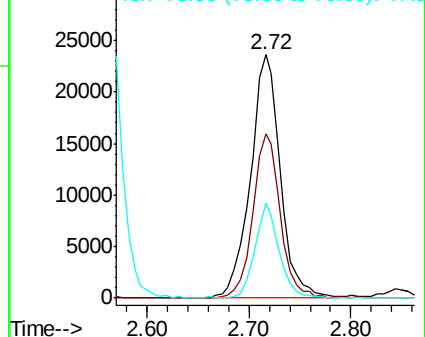
76 31.5 26.2 39.4

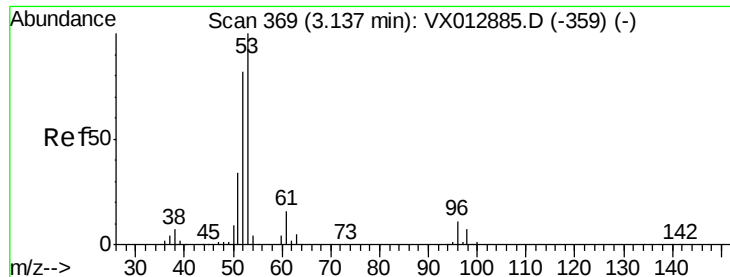


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 127.493 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013012.D

Acq: 11 Oct 2019 04:58

Instrument :

MSVOA_X

ClientSampleId :

VX1011MBL01

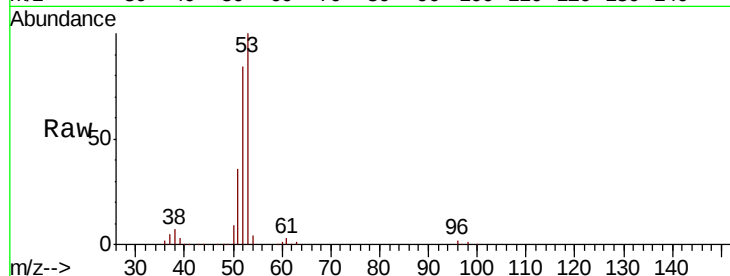
Tot Ion: 53 Resp: 100696

Ion Ratio Lower Upper

53 100

52 82.6 66.2 99.2

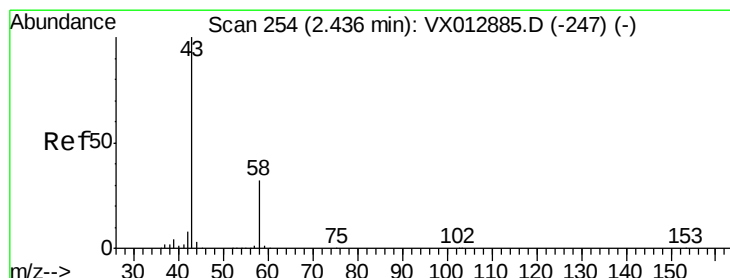
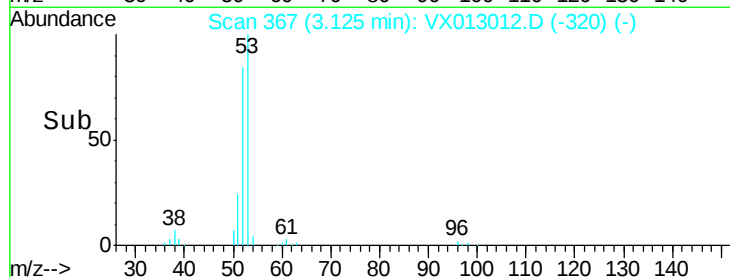
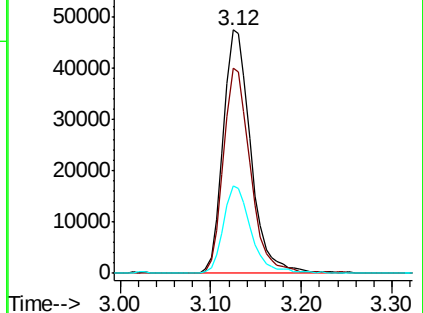
51 35.8 28.2 42.4



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: 105.857 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX013012.D

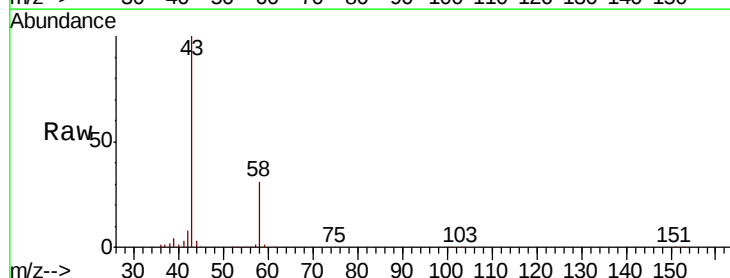
Acq: 11 Oct 2019 04:58

Tgt Ion: 43 Resp: 87724

Ion Ratio Lower Upper

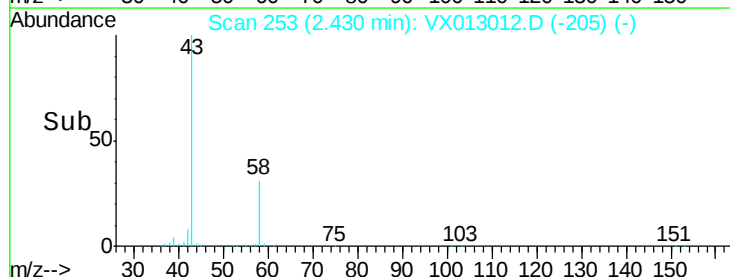
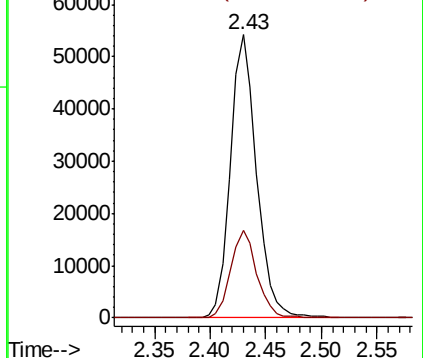
43 100

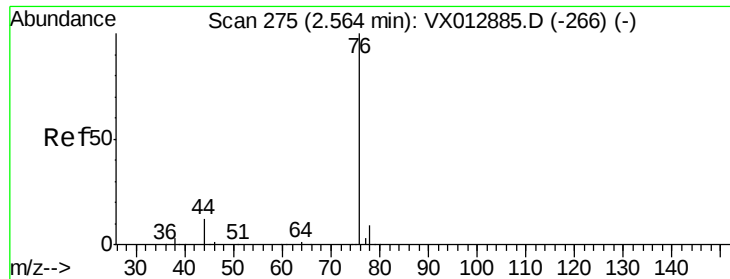
58 31.2 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

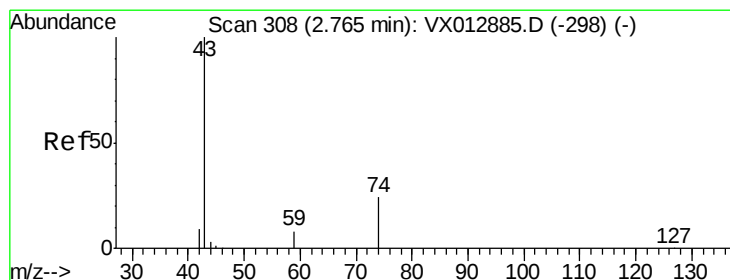
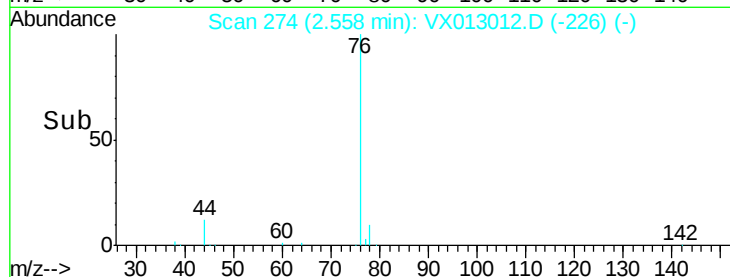
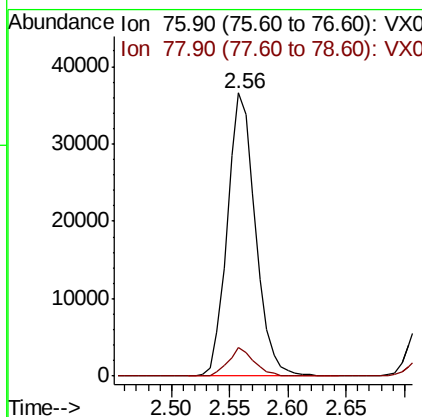
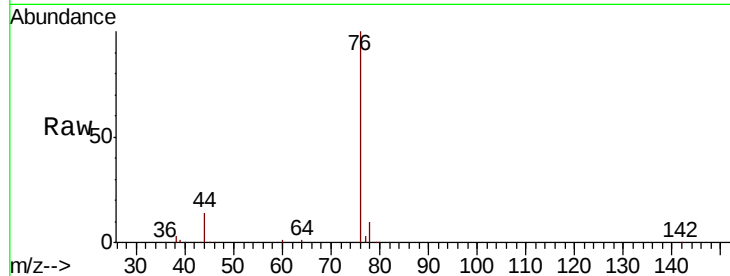




#17
Carbon Disulfide
Concen: 16.893 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX013012.D
Acq: 11 Oct 2019 04:58

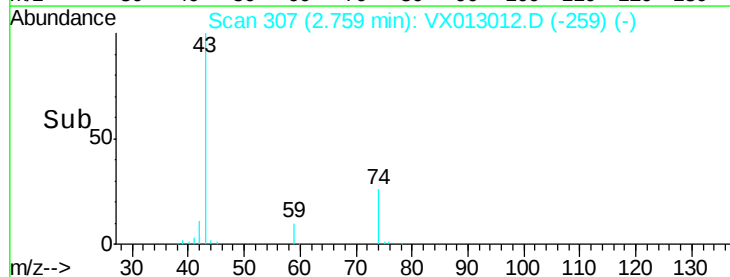
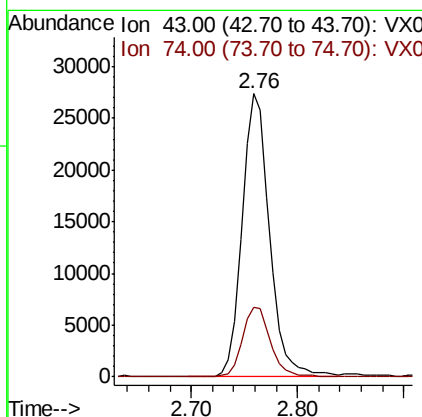
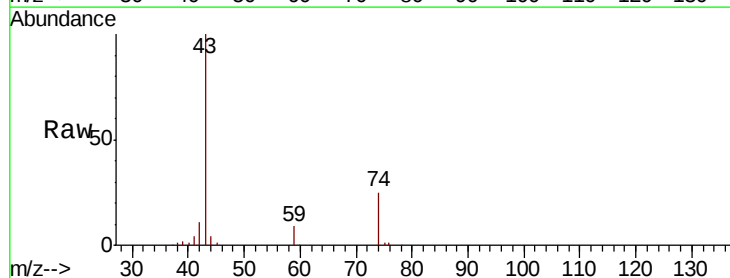
Instrument :
MSVOA_X
ClientSampleId :
VX1011MBL01

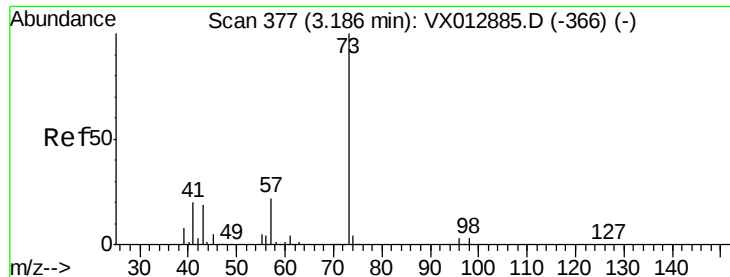
Tot Ion: 76 Resp: 61230
Ion Ratio Lower Upper
76 100
78 10.3 7.1 10.7



#18
Methyl Acetate
Concen: 25.204 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX013012.D
Acq: 11 Oct 2019 04:58

Tgt Ion: 43 Resp: 49506
Ion Ratio Lower Upper
43 100
74 25.1 19.2 28.8

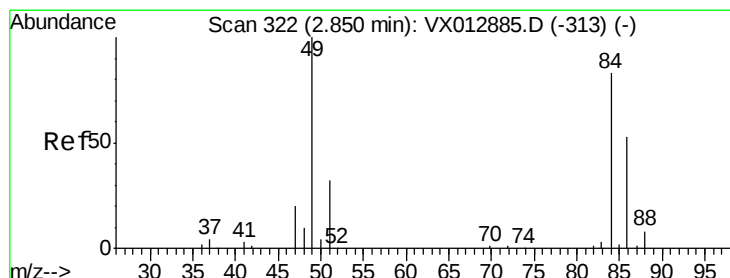
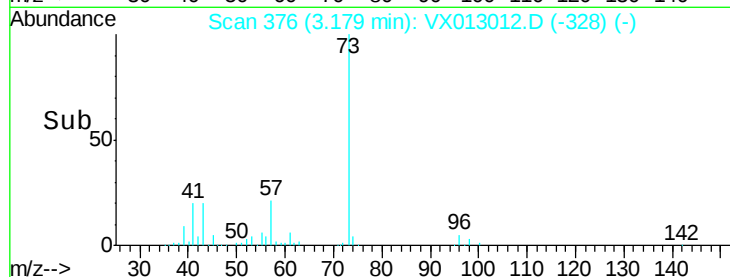
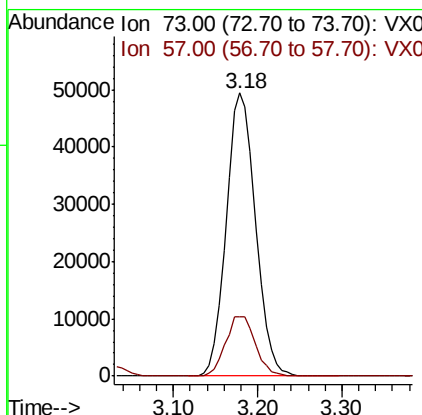
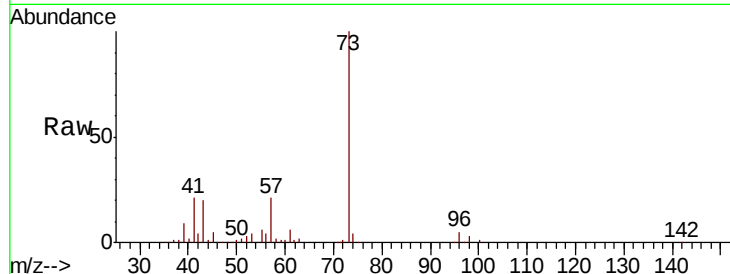




#19
Methvl tert-butvl Ether
Concen: 26.564 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX013012.D
Acq: 11 Oct 2019 04:58

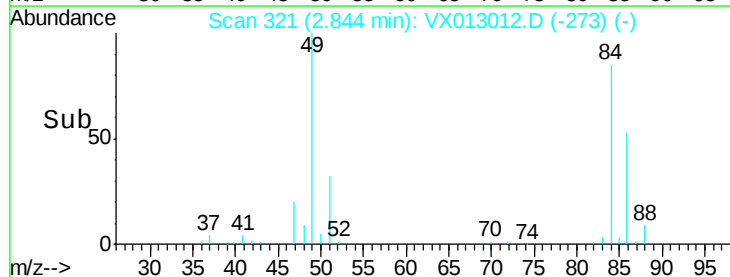
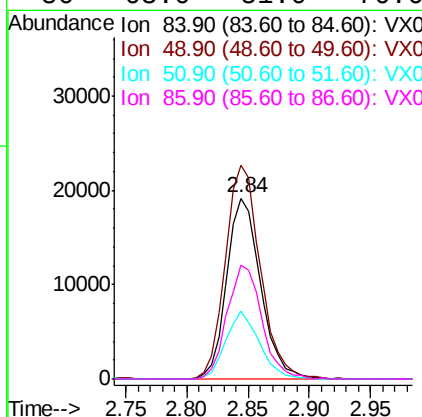
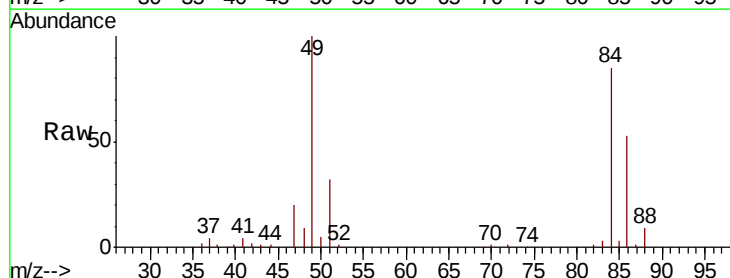
Instrument :
MSVOA_X
ClientSampleId :
VX1011MBL01

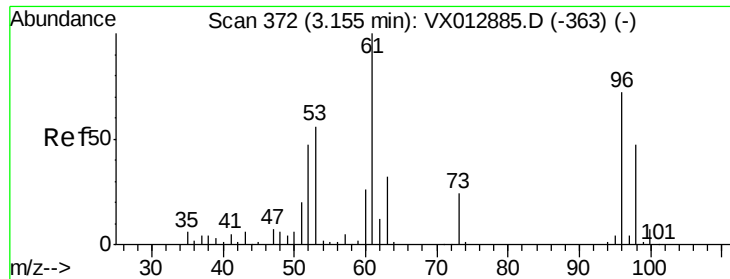
Tot Ion: 73 Resp: 116608
Ion Ratio Lower Upper
73 100
57 21.2 17.8 26.6



#20
Methylene Chloride
Concen: 24.122 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX013012.D
Acq: 11 Oct 2019 04:58

Tgt Ion: 84 Resp: 36737
Ion Ratio Lower Upper
84 100
49 118.1 96.6 144.8
51 37.3 30.7 46.1
86 63.0 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 21.111 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013012.D

Acq: 11 Oct 2019 04:58

Instrument :

MSVOA_X

ClientSampled :

VX1011MBL01

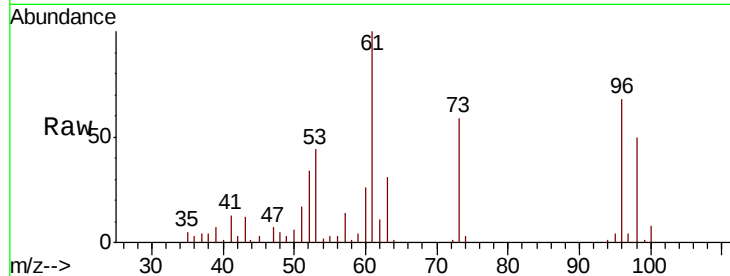
Tot Ion: 96 Resp: 28762

Ion Ratio Lower Upper

96 100

61 146.7 110.4 165.6

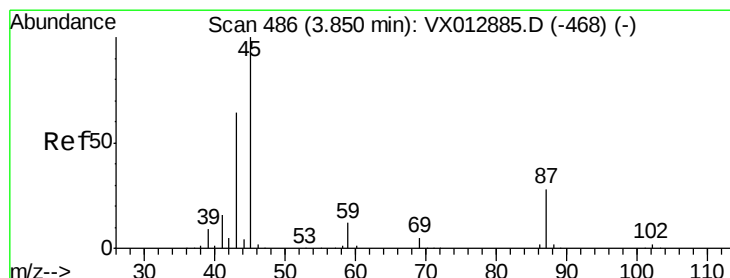
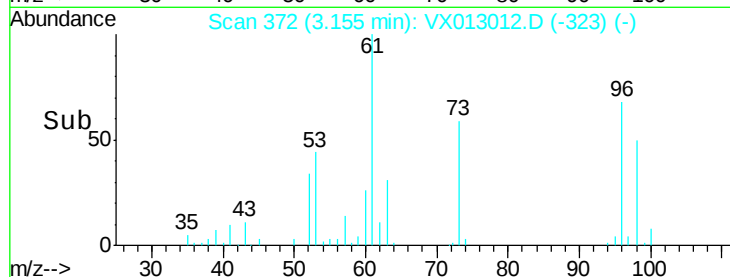
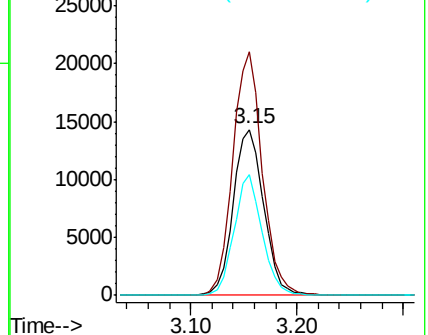
98 72.8 51.5 77.3



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: 25.550 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013012.D

Acq: 11 Oct 2019 04:58

Tgt Ion: 45 Resp: 110829

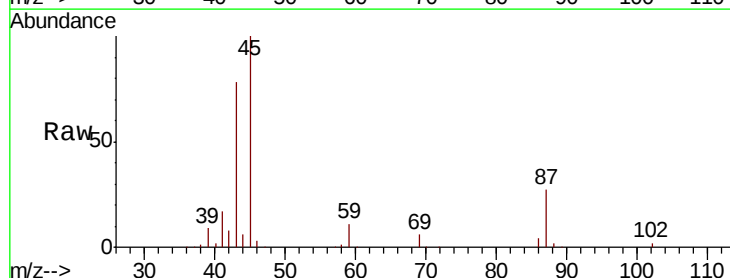
Ion Ratio Lower Upper

45 100

43 76.7 51.4 77.0

87 27.4 22.5 33.7

59 11.1 9.7 14.5

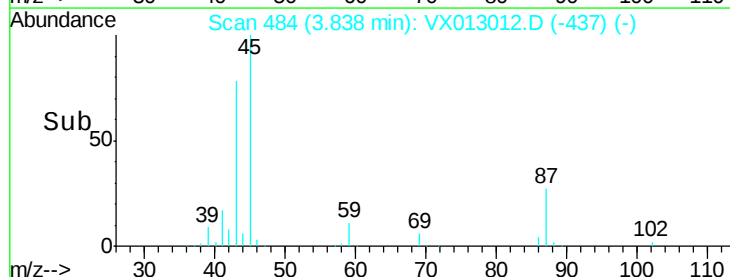
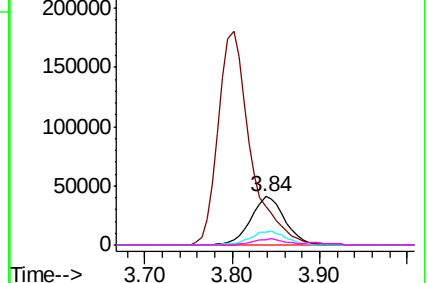


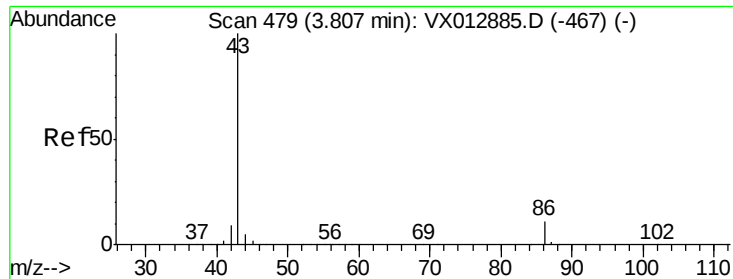
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 124.360 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX013012.D

Acq: 11 Oct 2019 04:58

Instrument :

MSVOA_X

ClientSampleId :

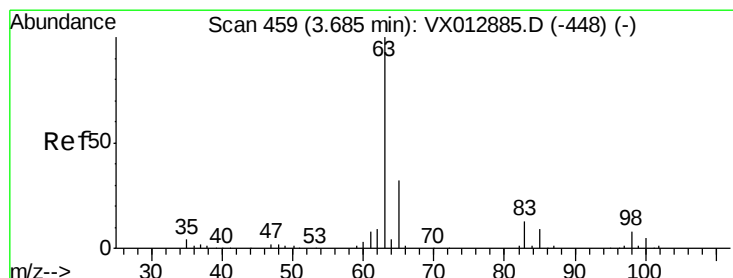
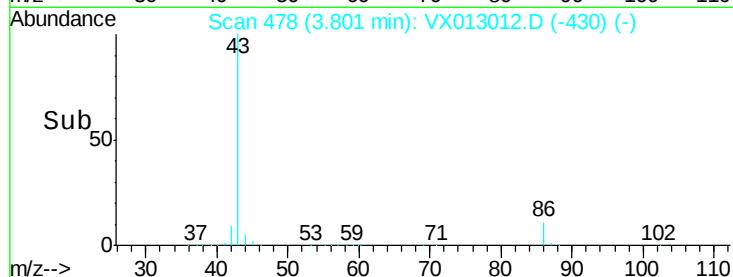
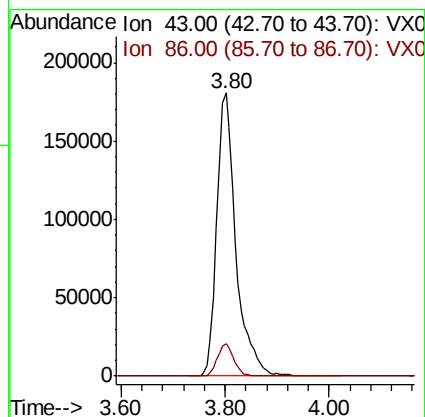
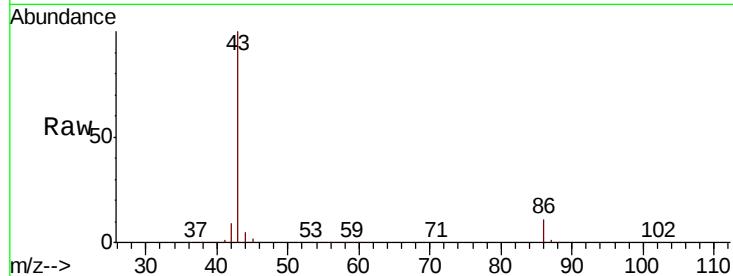
VX1011MBL01

Tot Ion: 43 Resp: 465688

Ion Ratio Lower Upper

43 100

86 11.4 9.0 13.6



#24

1,1-Dichloroethane

Concen: 24.026 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX013012.D

Acq: 11 Oct 2019 04:58

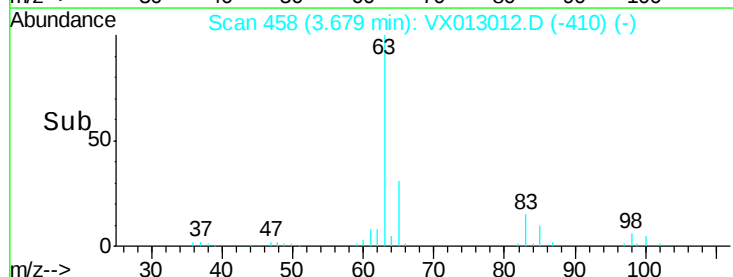
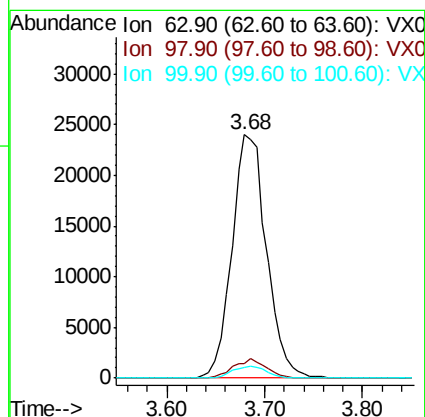
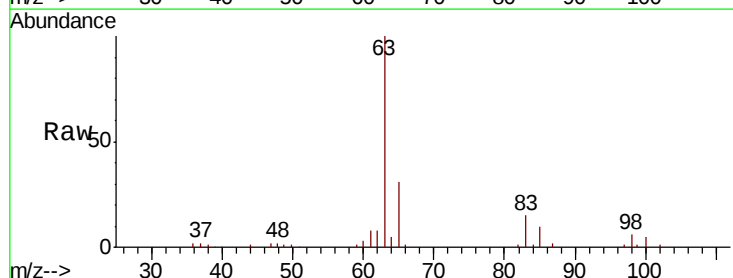
Tgt Ion: 63 Resp: 58630

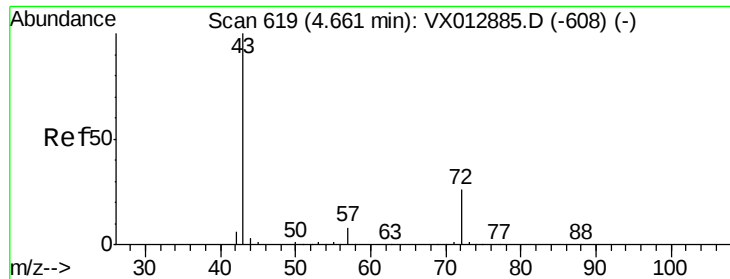
Ion Ratio Lower Upper

63 100

98 6.2 3.9 11.5

100 4.6 2.3 6.9





#25

2-Butanone

Concen: 119.597 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX013012.D

Acq: 11 Oct 2019 04:58

Instrument :

MSVOA_X

ClientSampleId :

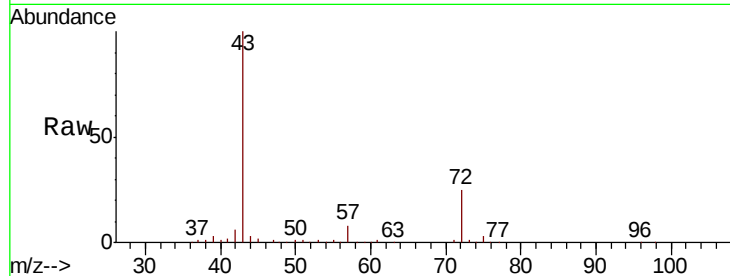
VX1011MBL01

Tot Ion: 43 Resp: 137501

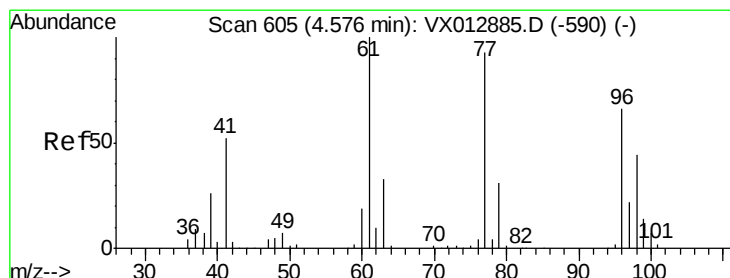
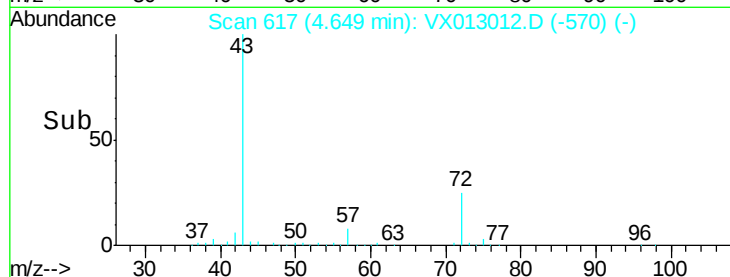
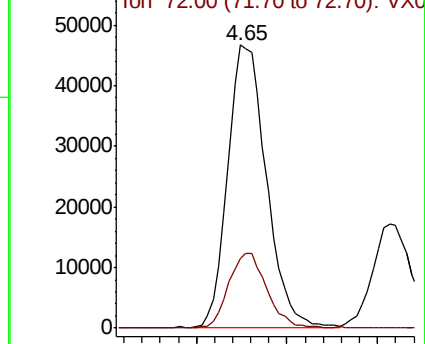
Ion Ratio Lower Upper

43 100

72 24.6 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0



#26

2,2-Dichloropropane

Concen: 13.887 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX013012.D

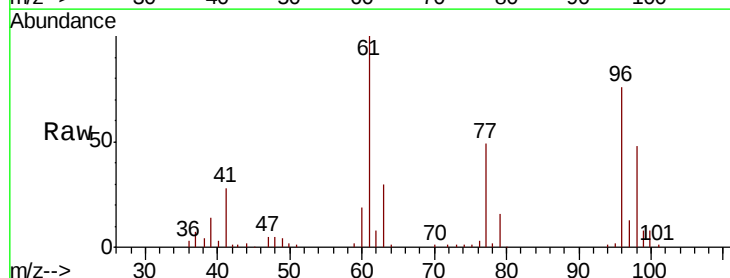
Acq: 11 Oct 2019 04:58

Tgt Ion: 77 Resp: 28497

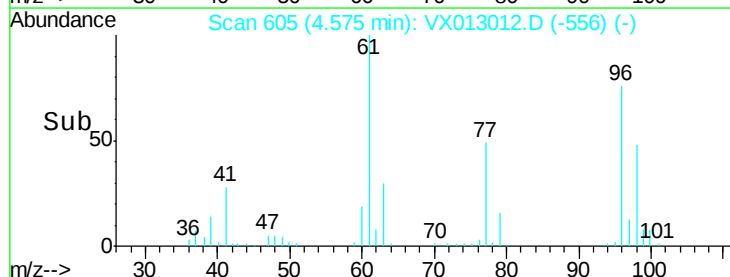
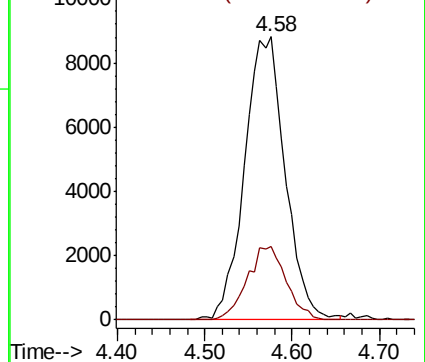
Ion Ratio Lower Upper

77 100

97 24.8 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0



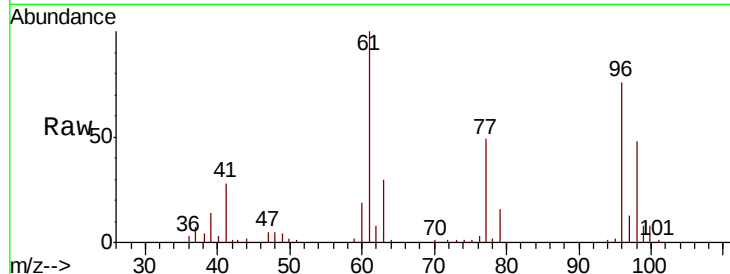


#27

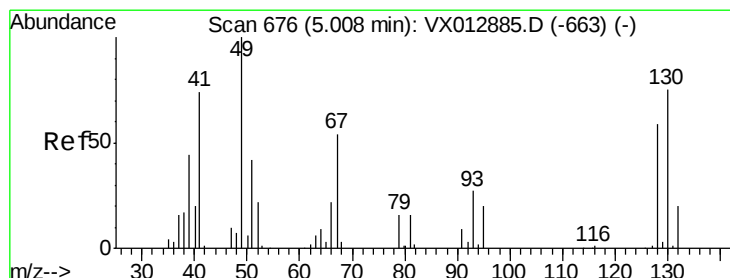
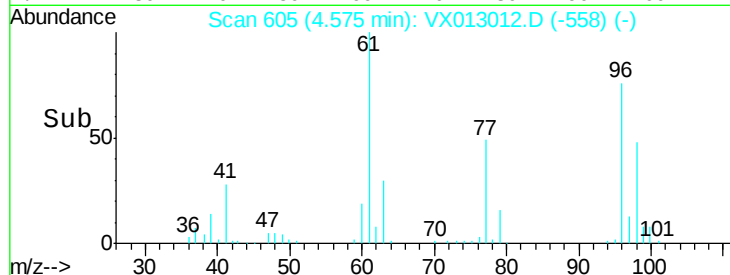
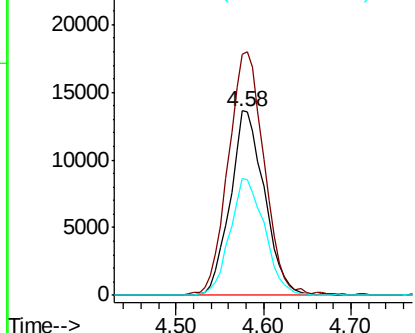
cis-1,2-Dichloroethene
 Concen: 23.666 ug/l
 RT: 4.58 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: VX013012.D
 Acq: 11 Oct 2019 04:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1011MBL01

Tot Ion: 96 Resp: 37167
 Ion Ratio Lower Upper
 96 100
 61 139.0 0.0 290.6
 98 63.8 0.0 128.8



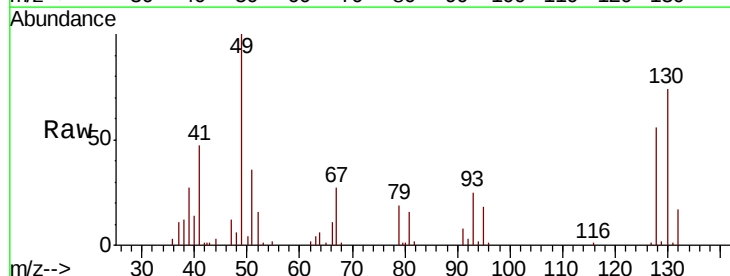
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



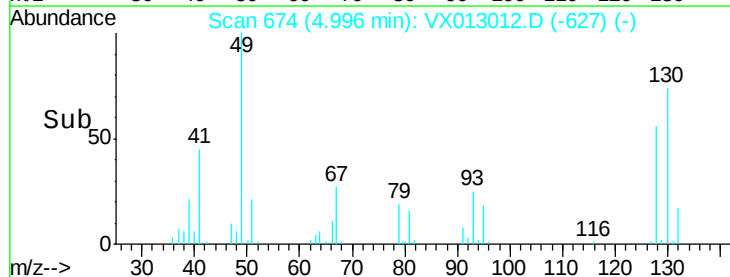
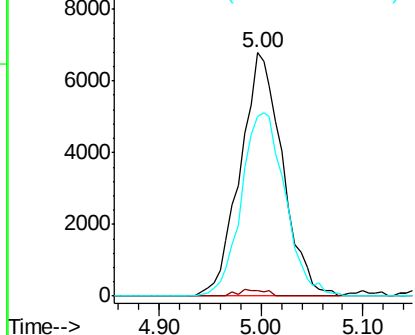
#28

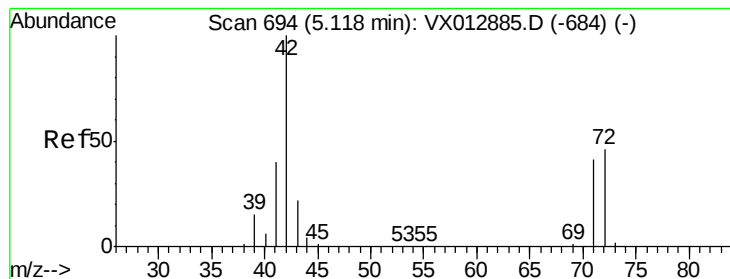
Bromochloromethane
 Concen: 26.531 ug/l
 RT: 5.00 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: VX013012.D
 Acq: 11 Oct 2019 04:58

Tgt Ion: 49 Resp: 19502
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.2
 130 78.0 62.1 93.1



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: 125.219 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX013012.D

Acq: 11 Oct 2019 04:58

Instrument :

MSVOA_X

ClientSampleId :

VX1011MBL01

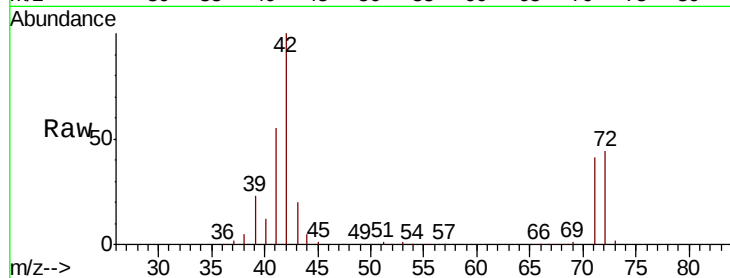
Tot Ion: 42 Resp: 88591

Ion Ratio Lower Upper

42 100

72 47.5 36.9 55.3

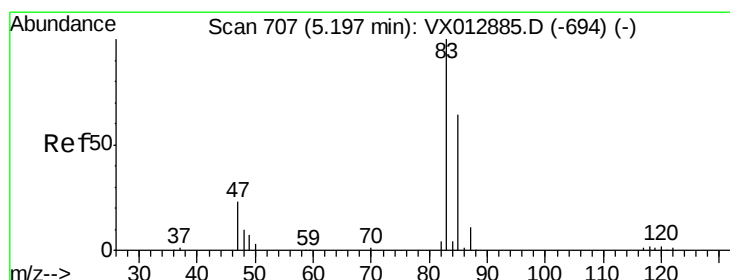
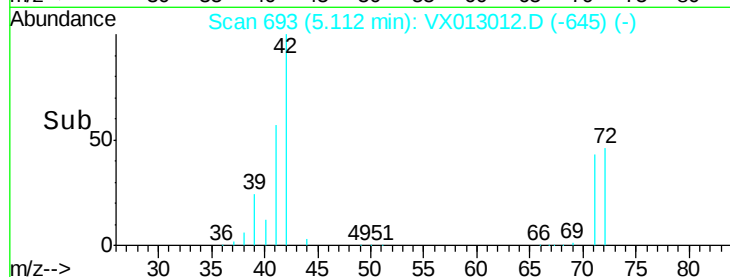
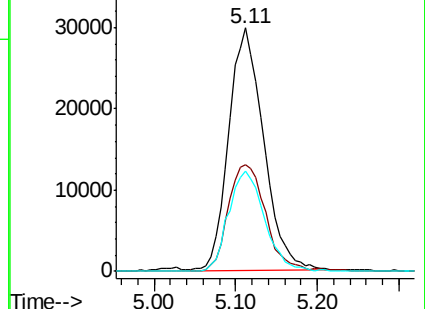
71 42.8 33.5 50.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 24.380 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX013012.D

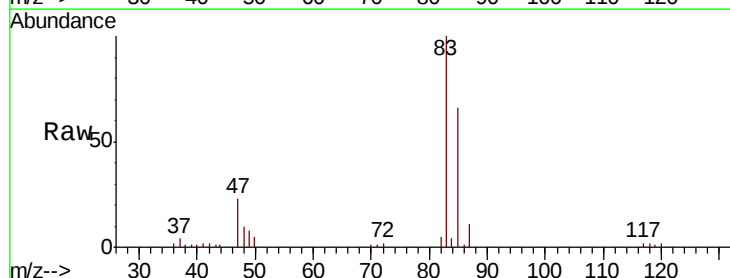
Acq: 11 Oct 2019 04:58

Tgt Ion: 83 Resp: 61047

Ion Ratio Lower Upper

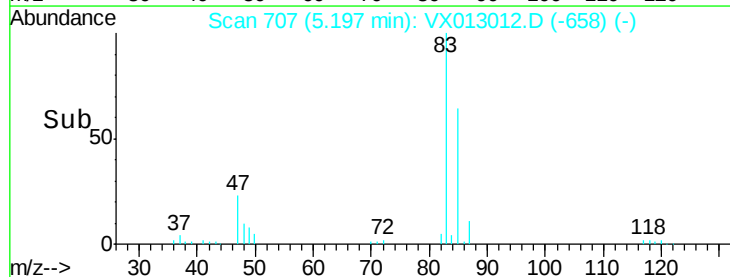
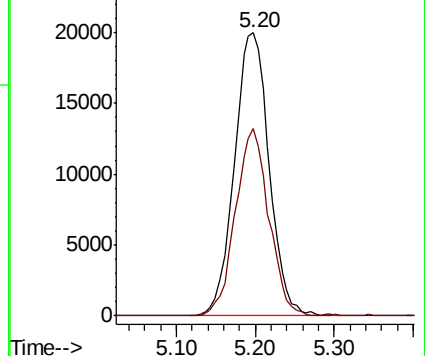
83 100

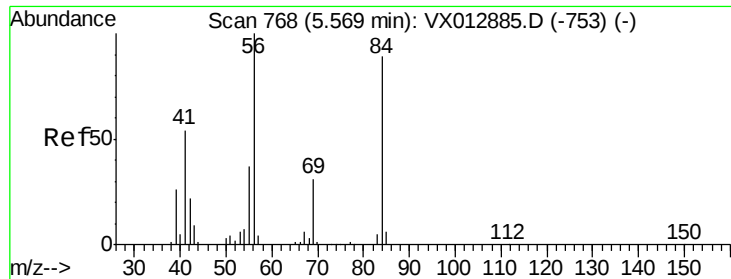
85 66.4 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

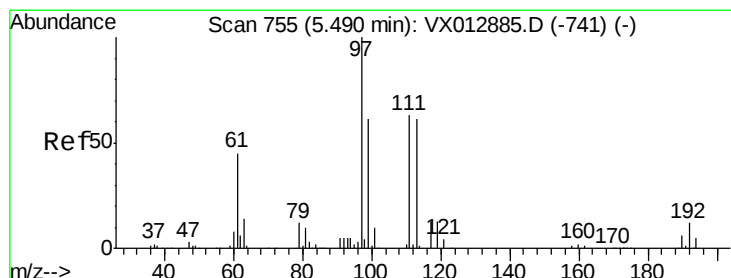
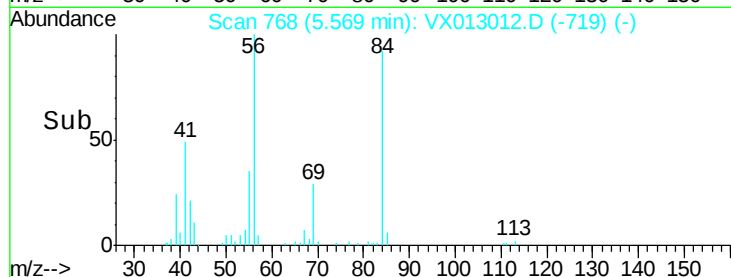
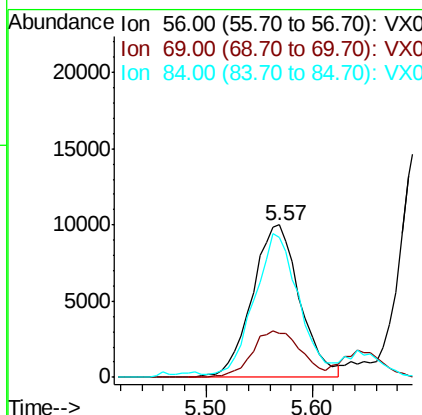
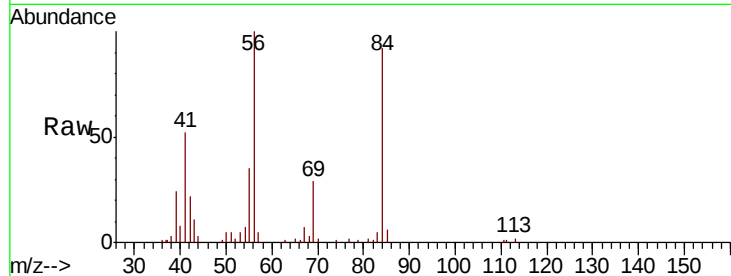




#31
Cyclohexane
Concen: 13.658 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013012.D
Acq: 11 Oct 2019 04:58

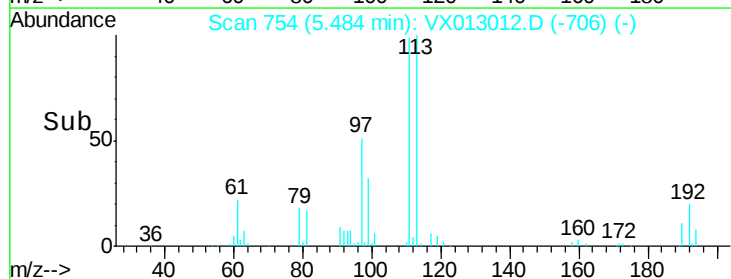
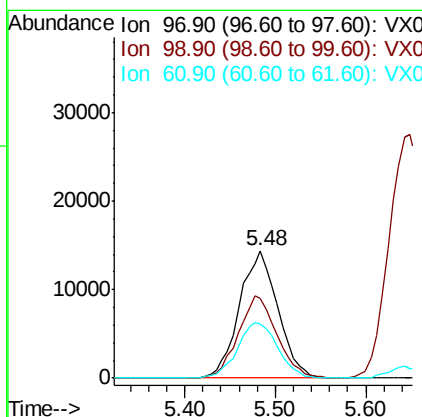
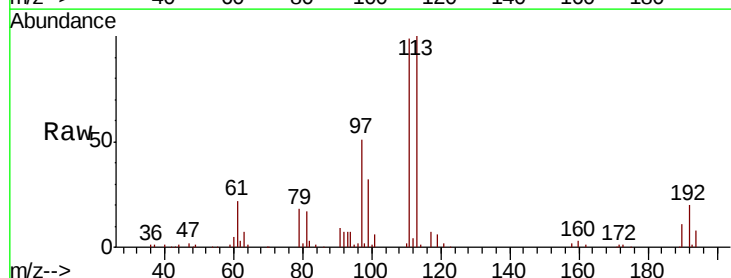
Instrument :
MSVOA_X
ClientSampleId :
VX1011MBL01

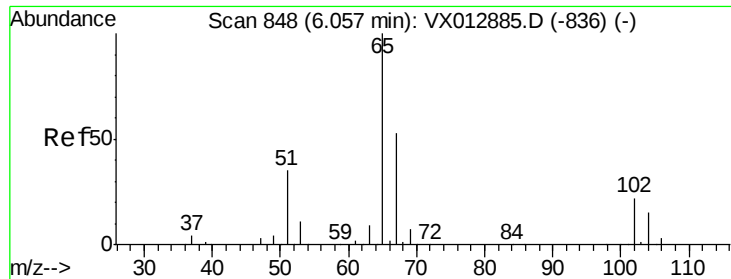
Tot Ion: 56 Resp: 31165
Ion Ratio Lower Upper
56 100
69 28.9 25.2 37.8
84 89.3 71.3 106.9



#32
1,1,1-Trichloroethane
Concen: 19.899 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX013012.D
Acq: 11 Oct 2019 04:58

Tgt Ion: 97 Resp: 42218
Ion Ratio Lower Upper
97 100
99 64.5 52.3 78.5
61 45.9 35.0 52.4





#33

1,2-Dichloroethane-d4

Concen: 65.278 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX013012.D

Acq: 11 Oct 2019 04:58

Instrument :

MSVOA_X

ClientSampleId :

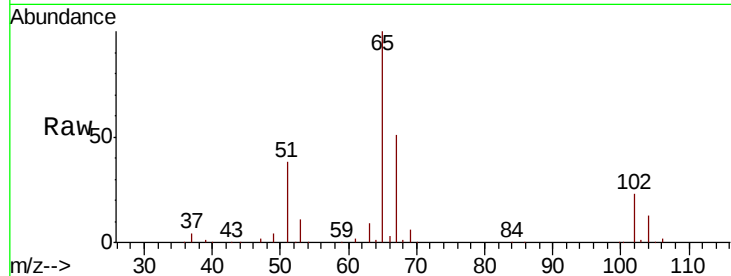
VX1011MBL01

Tot Ion: 65 Resp: 102629

Ion Ratio Lower Upper

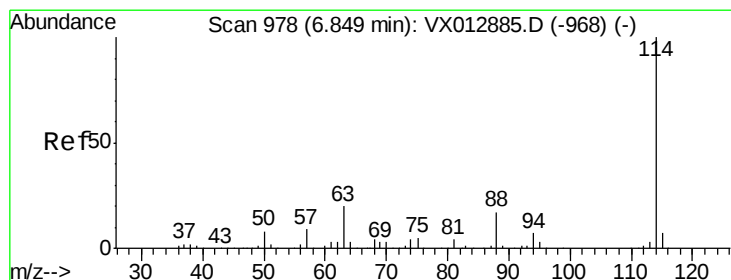
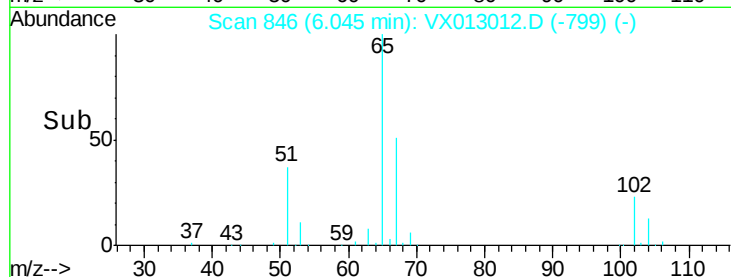
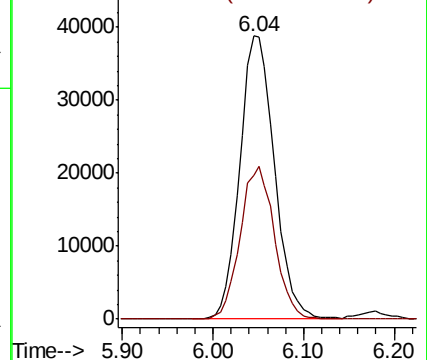
65 100

67 53.3 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX013012.D

Acq: 11 Oct 2019 04:58

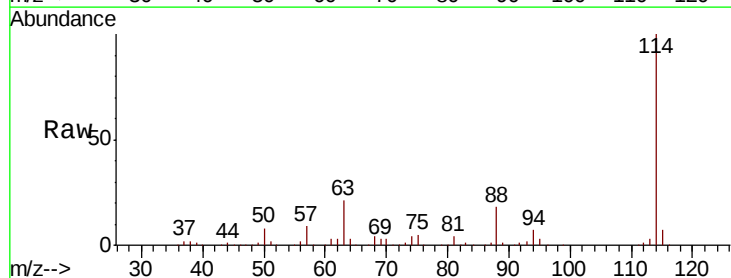
Tgt Ion: 114 Resp: 241050

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.8

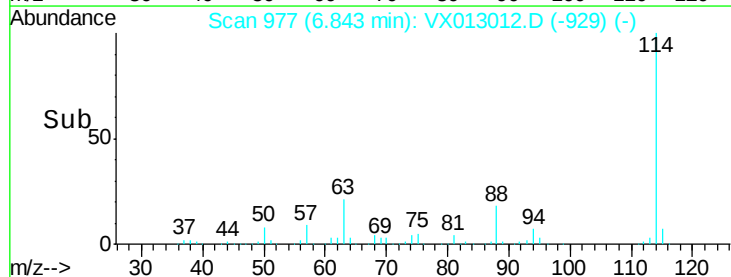
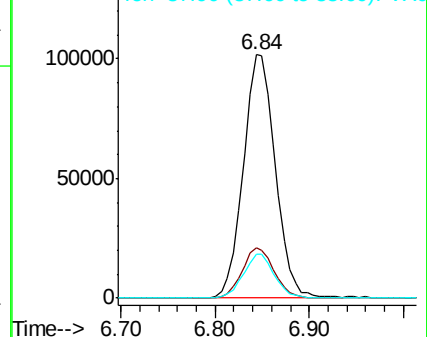
88 18.3 0.0 33.8

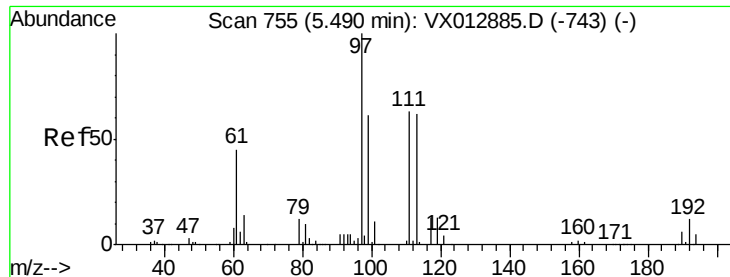


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

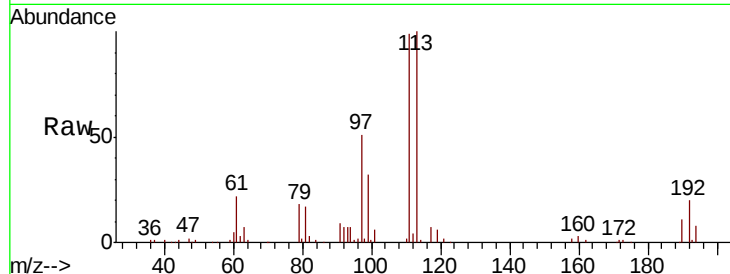




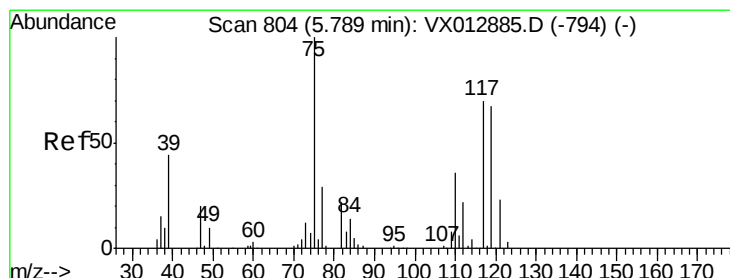
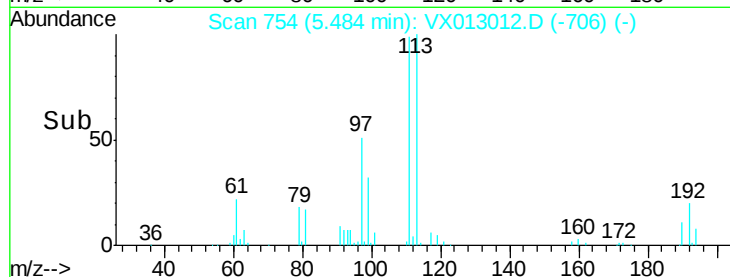
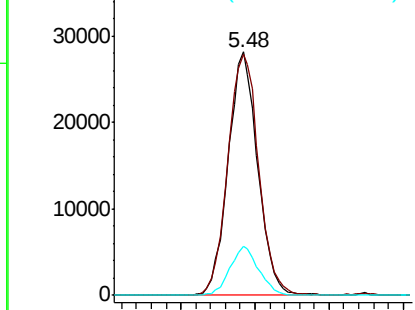
#35
 Dibromofluoromethane
 Concen: 56.587 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX013012.D
 Acq: 11 Oct 2019 04:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1011MBL01

Tot Ion:113 Resp: 78288
 Ion Ratio Lower Upper
 113 100
 111 103.6 83.2 124.8
 192 19.6 15.4 23.2

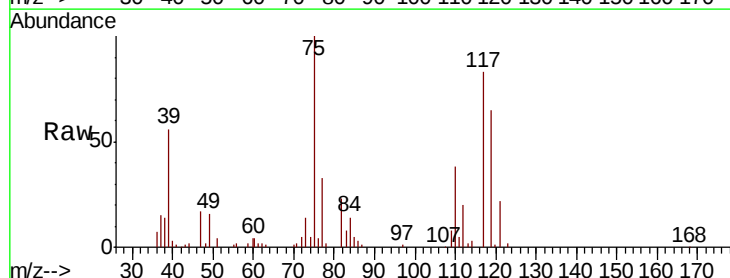


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

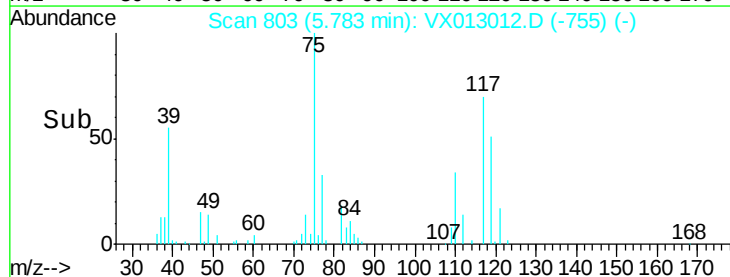
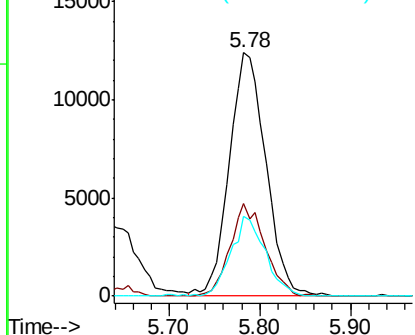


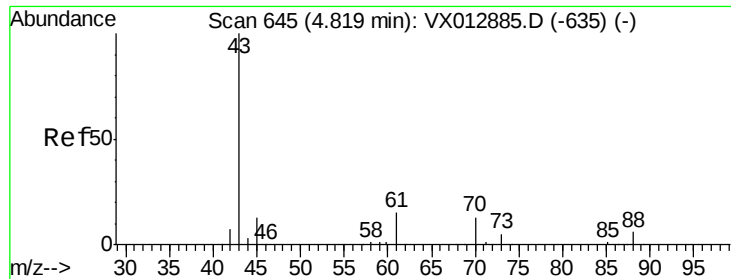
#36
 1,1-Dichloropropene
 Concen: 16.396 ug/l
 RT: 5.78 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: VX013012.D
 Acq: 11 Oct 2019 04:58

Tgt Ion: 75 Resp: 34749
 Ion Ratio Lower Upper
 75 100
 110 35.9 17.6 52.9
 77 30.7 24.4 36.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 21.340 ug/l

RT: 4.81 min Scan# 644

Delta R.T. -0.01 min

Lab File: VX013012.D

Acq: 11 Oct 2019 04:58

Instrument :

MSVOA_X

ClientSampled :

VX1011MBL01

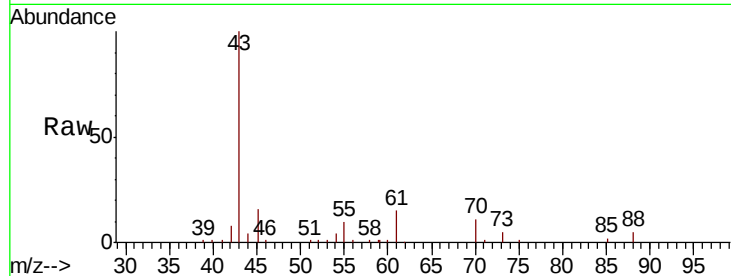
Tot Ion: 43 Resp: 50572

Ion Ratio Lower Upper

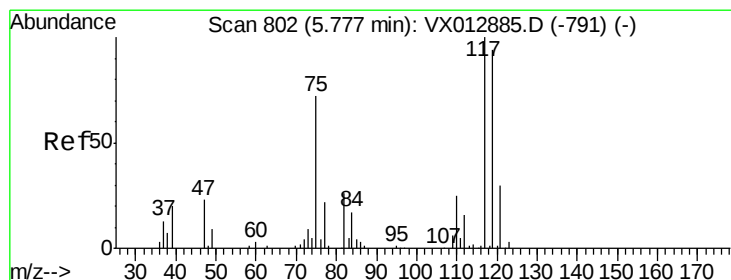
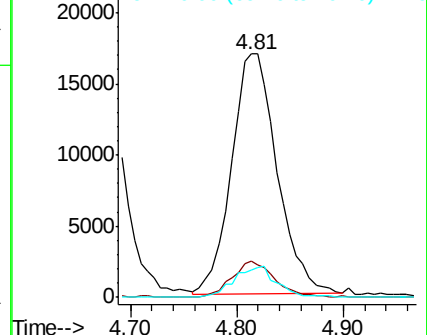
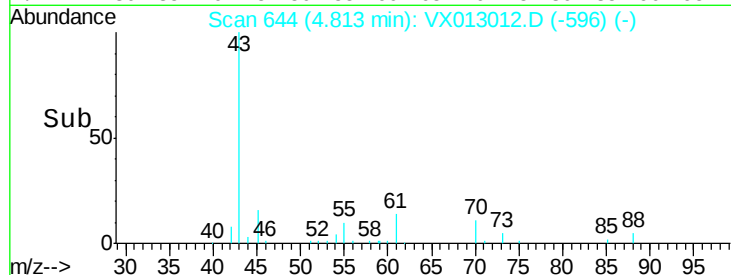
43 100

61 14.4 11.4 17.0

70 12.2 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VX013012.D (-596) (-)



#38

Carbon Tetrachloride

Concen: 15.756 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.01 min

Lab File: VX013012.D

Acq: 11 Oct 2019 04:58

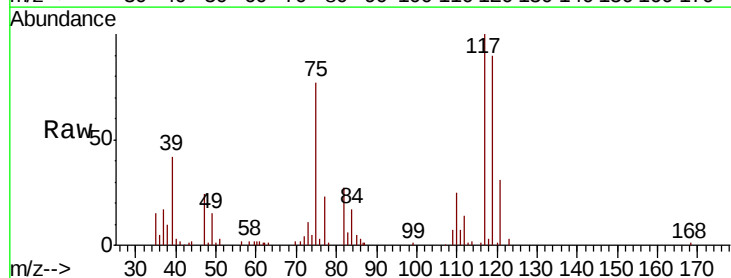
Tgt Ion: 117 Resp: 32501

Ion Ratio Lower Upper

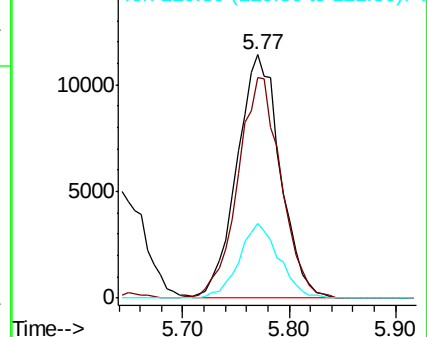
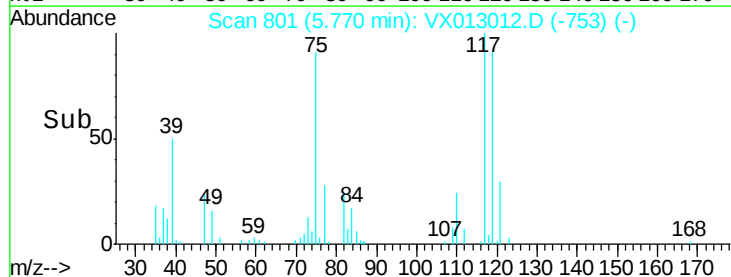
117 100

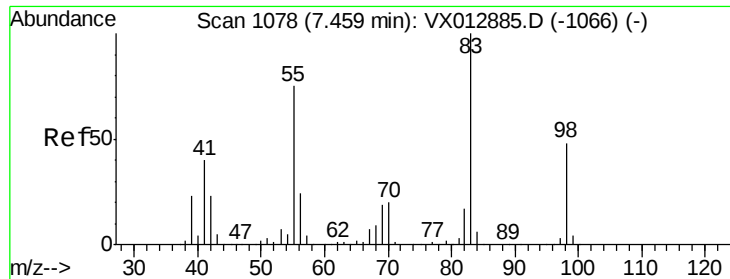
119 90.4 74.5 111.7

121 30.6 24.2 36.4



Abundance Ion 116.80 (116.50 to 117.50): VX013012.D (-753) (-)

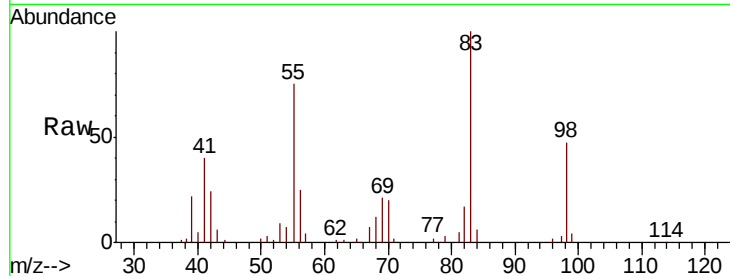




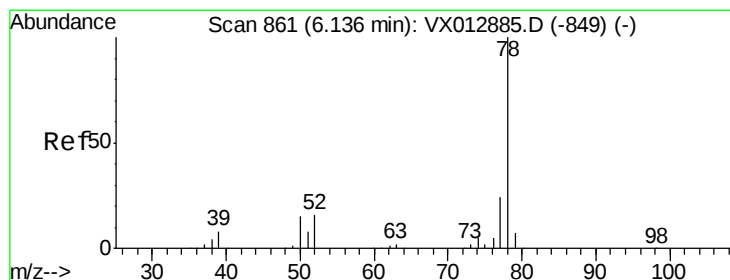
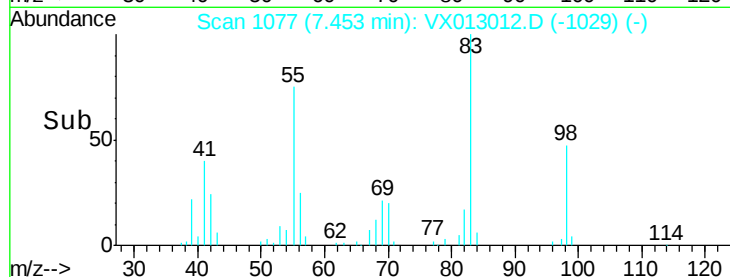
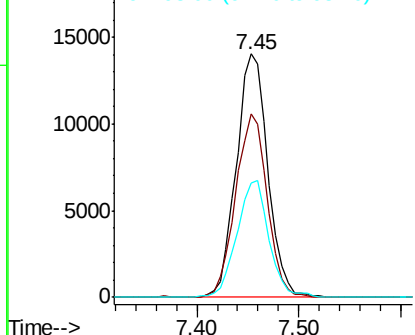
#39
Methvlcvclohexane
Concen: 11.732 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013012.D
Acq: 11 Oct 2019 04:58

Instrument :
MSVOA_X
ClientSampleId :
VX1011MBL01

Tot Ion: 83 Resp: 30152
Ion Ratio Lower Upper
83 100
55 75.4 60.2 90.4
98 46.8 38.5 57.7

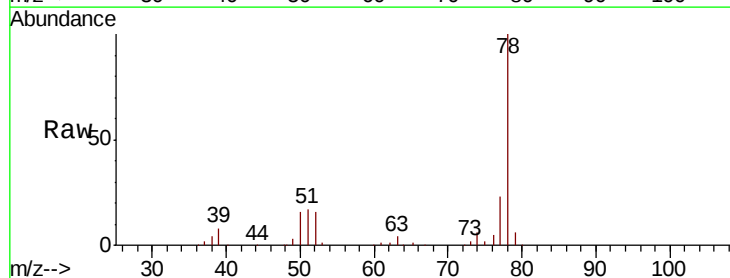


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

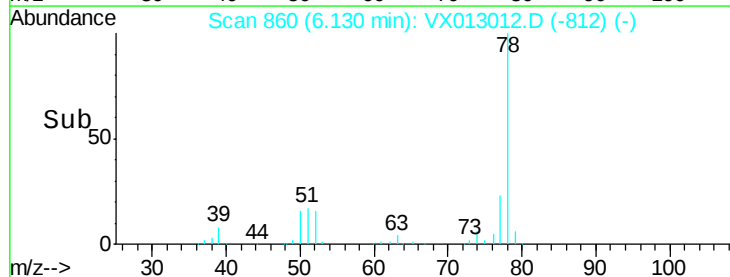
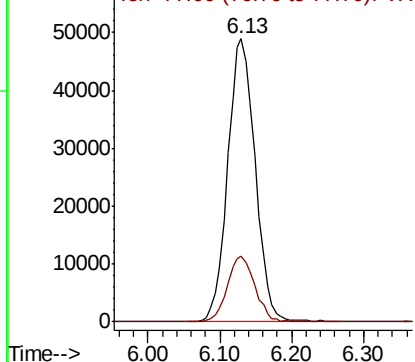


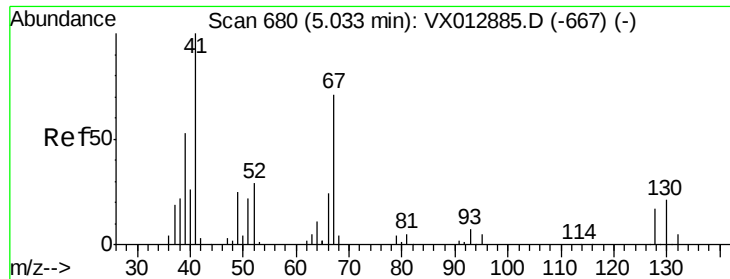
#40
Benzene
Concen: 20.751 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX013012.D
Acq: 11 Oct 2019 04:58

Tgt Ion: 78 Resp: 129893
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.4



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

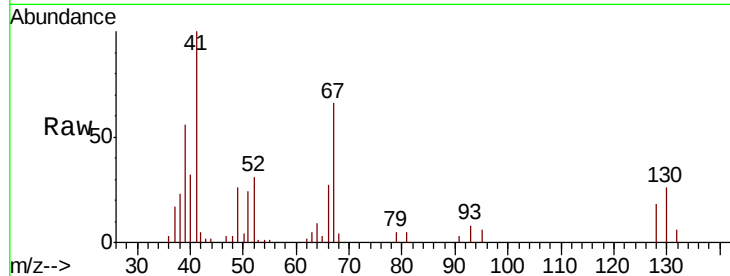




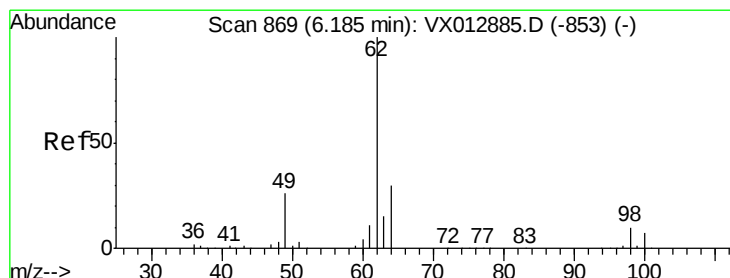
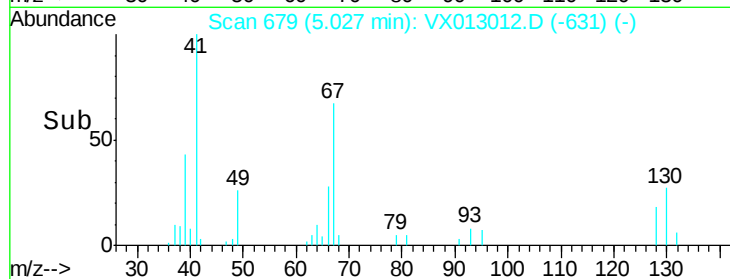
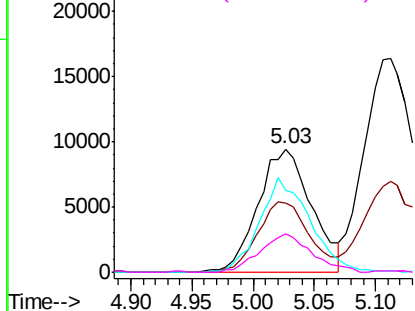
#41
Methacrylonitrile
Concen: 22.052 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX013012.D
Acq: 11 Oct 2019 04:58

Instrument :
MSVOA_X
ClientSampleId :
VX1011MBL01

Tot Ion:	41	Resp:	28716
Ion	Ratio	Lower	Upper
41	100		
39	54.4	44.0	66.0
67	72.8	58.5	87.7
52	30.0	23.8	35.8

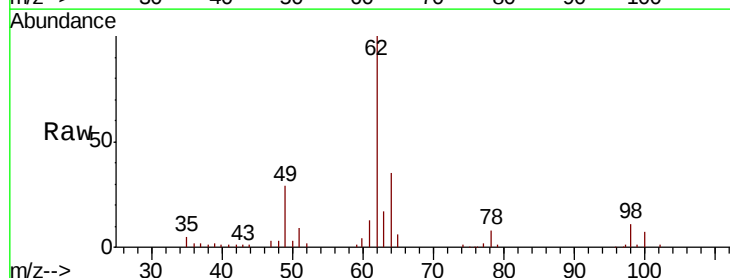


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

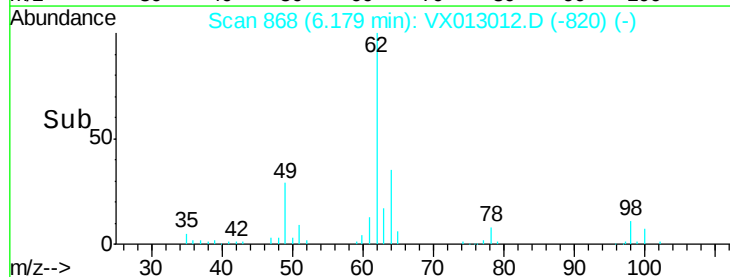
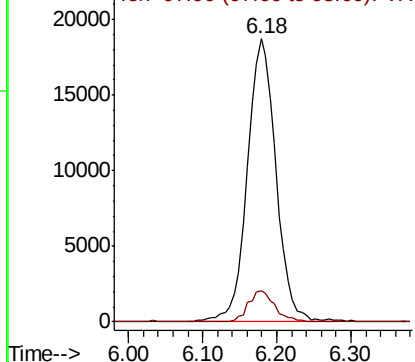


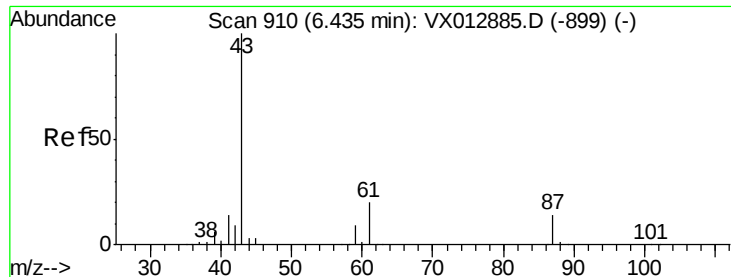
#42
1,2-Dichloroethane
Concen: 22.500 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX013012.D
Acq: 11 Oct 2019 04:58

Tgt Ion:	62	Resp:	50536
Ion	Ratio	Lower	Upper
62	100		
98	10.2	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: 22.331 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013012.D

Acq: 11 Oct 2019 04:58

Instrument :

MSVOA_X

ClientSampleId :

VX1011MBL01

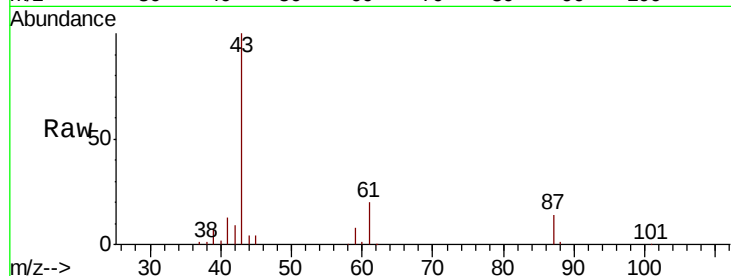
Tot Ion: 43 Resp: 84938

Ion Ratio Lower Upper

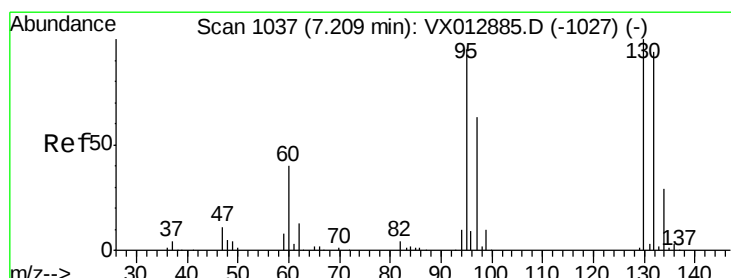
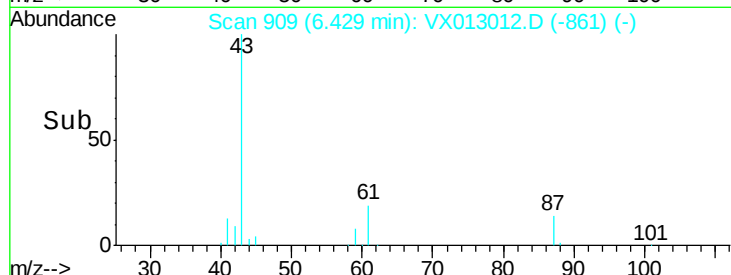
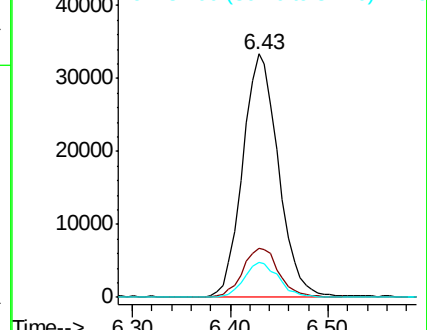
43 100

61 20.3 16.6 24.8

87 14.0 11.0 16.6



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: 17.651 ug/l

RT: 7.20 min Scan# 1035

Delta R.T. -0.01 min

Lab File: VX013012.D

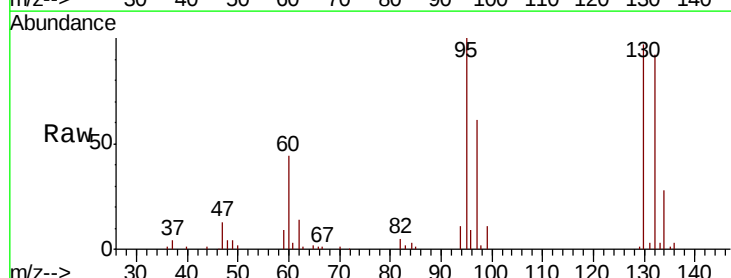
Acq: 11 Oct 2019 04:58

Tgt Ion: 130 Resp: 30638

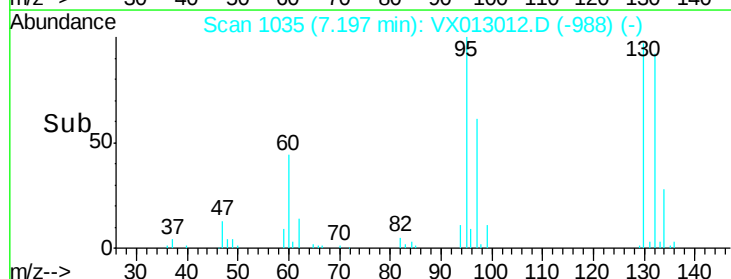
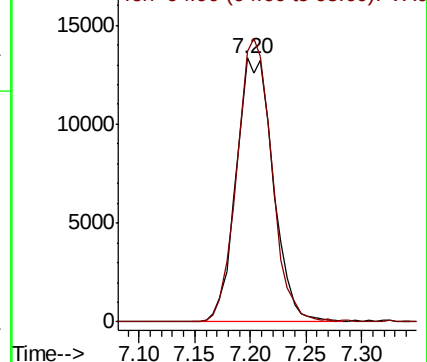
Ion Ratio Lower Upper

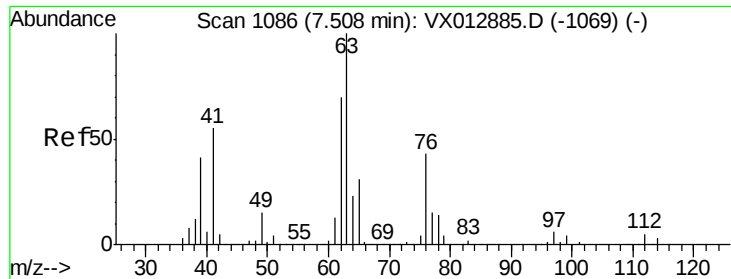
130 100

95 102.8 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

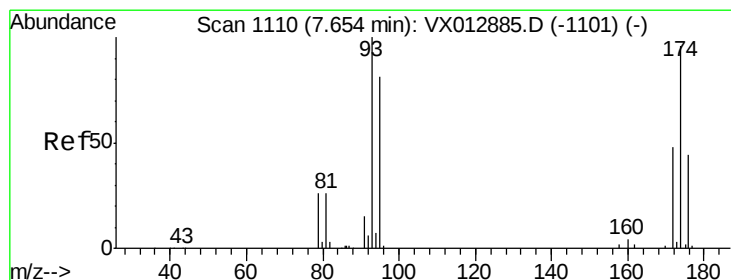
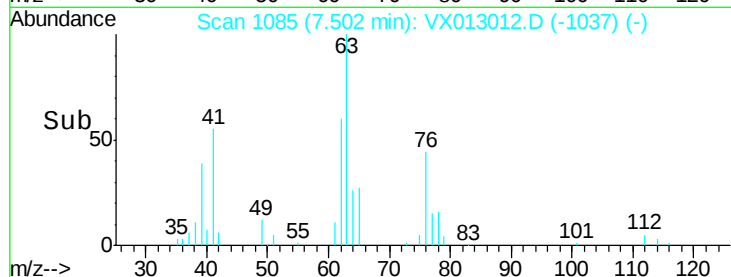
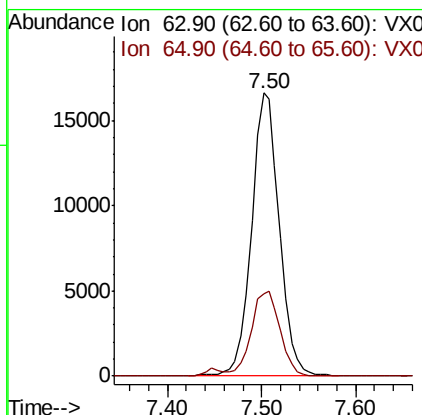
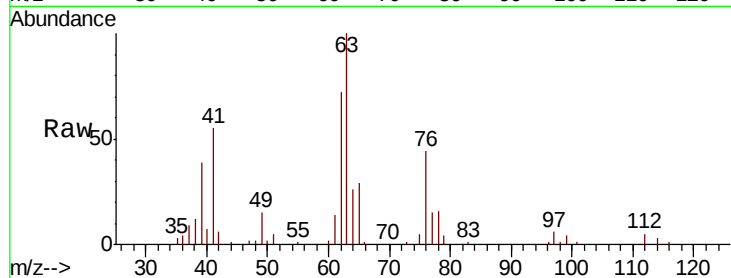




#45
 1,2-Dichloropropane
 Concen: 21.564 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013012.D
 Acq: 11 Oct 2019 04:58

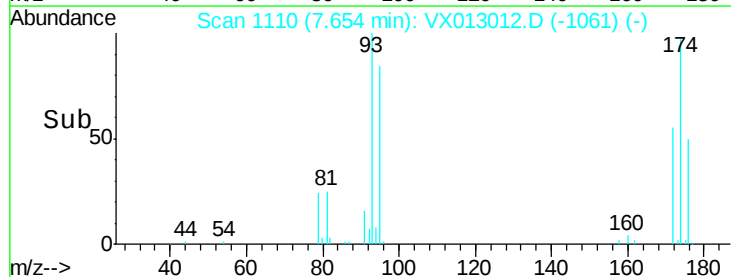
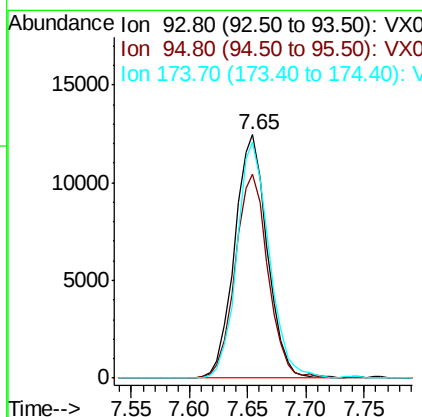
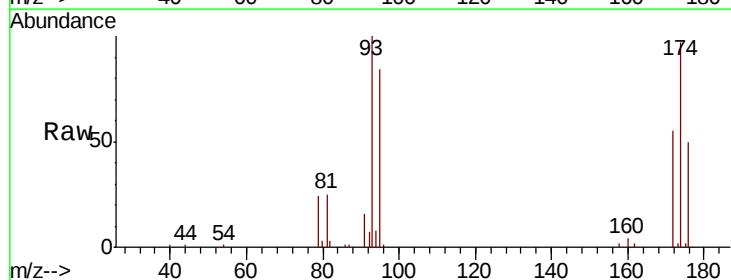
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1011MBL01

Tot Ion: 63 Resp: 34401
 Ion Ratio Lower Upper
 63 100
 65 29.0 24.6 37.0



#46
 Dibromomethane
 Concen: 22.967 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013012.D
 Acq: 11 Oct 2019 04:58

Tgt Ion: 93 Resp: 24412
 Ion Ratio Lower Upper
 93 100
 95 84.0 66.3 99.5
 174 95.3 77.8 116.6





#47

Bromodichloromethane

Concen: 21.030 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013012.D

Acq: 11 Oct 2019 04:58

Instrument :

MSVOA_X

ClientSampleId :

VX1011MBL01

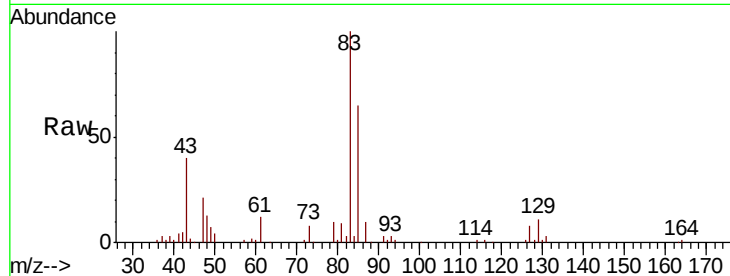
Tot Ion: 83 Resp: 43621

Ion Ratio Lower Upper

83 100

85 65.2 52.4 78.6

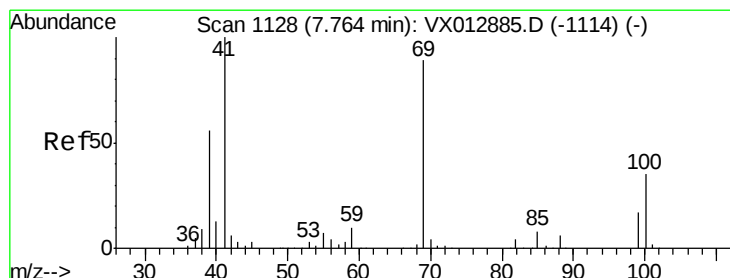
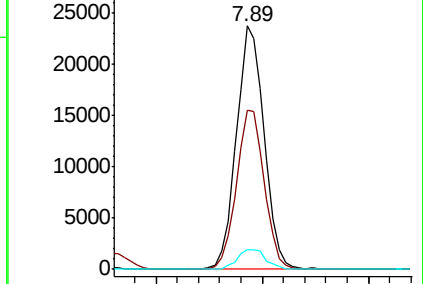
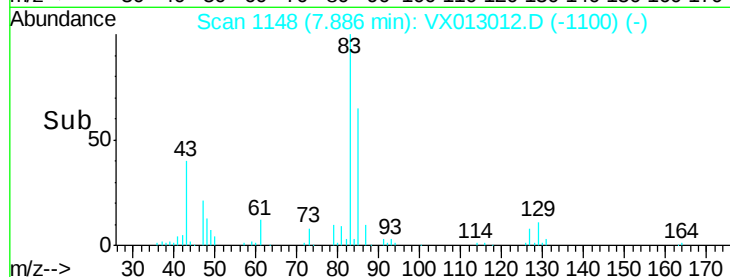
127 8.1 6.6 10.0



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): VX0



#48

Methyl methacrylate

Concen: 21.868 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX013012.D

Acq: 11 Oct 2019 04:58

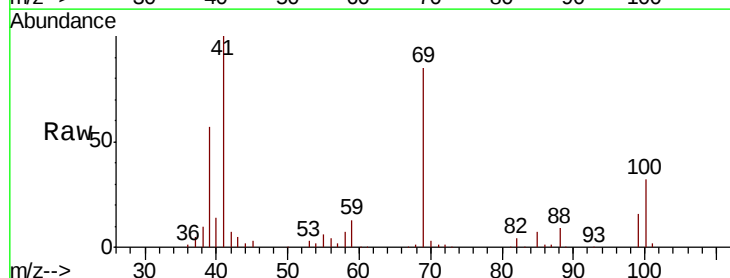
Tgt Ion: 41 Resp: 40533

Ion Ratio Lower Upper

41 100

69 86.6 68.7 103.1

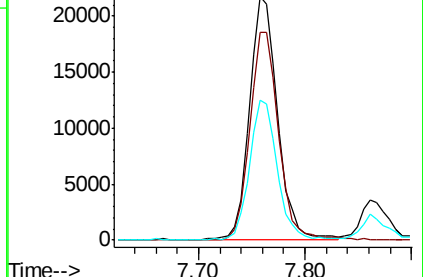
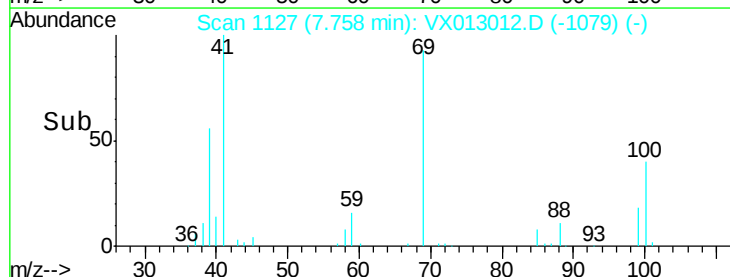
39 56.7 44.3 66.5

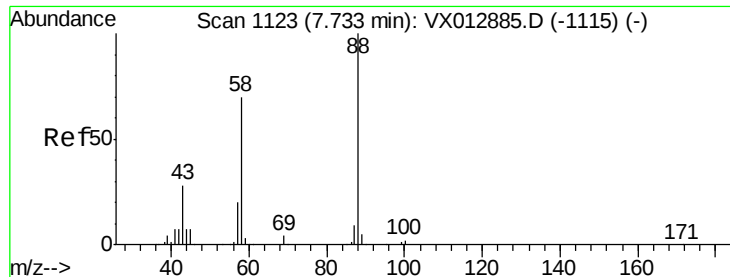


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 441.954 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX013012.D

Acq: 11 Oct 2019 04:58

Instrument :

MSVOA_X

ClientSampleId :

VX1011MBL01

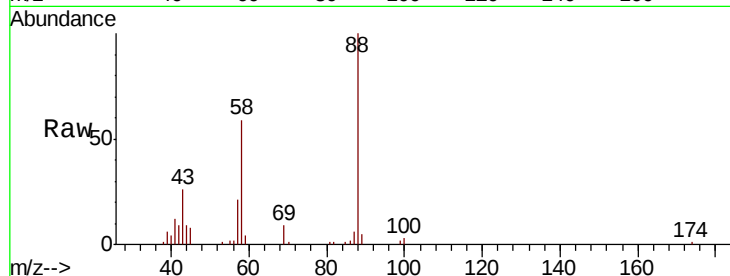
Tot Ion: 88 Resp: 20974

Ion Ratio Lower Upper

88 100

43 31.7 25.0 37.6

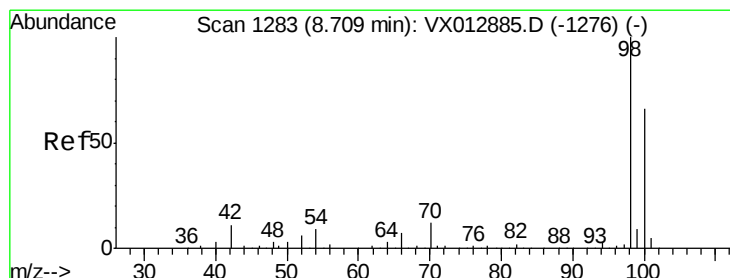
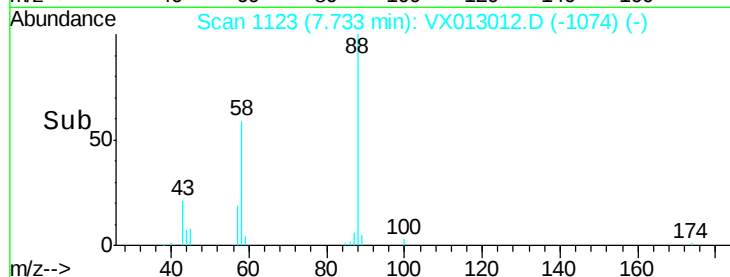
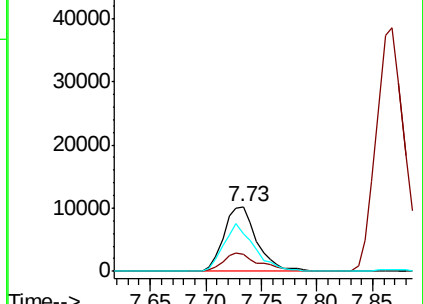
58 69.4 55.4 83.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.314 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013012.D

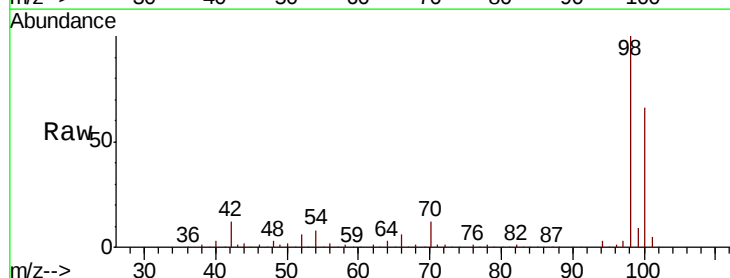
Acq: 11 Oct 2019 04:58

Tgt Ion: 98 Resp: 266099

Ion Ratio Lower Upper

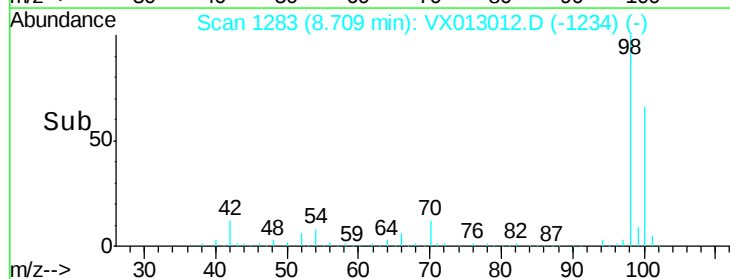
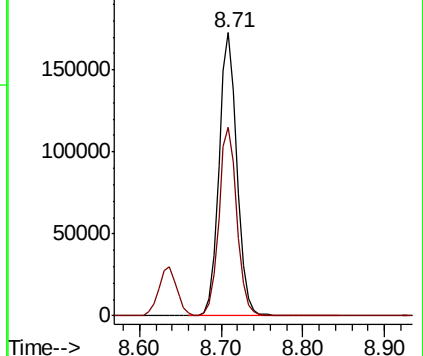
98 100

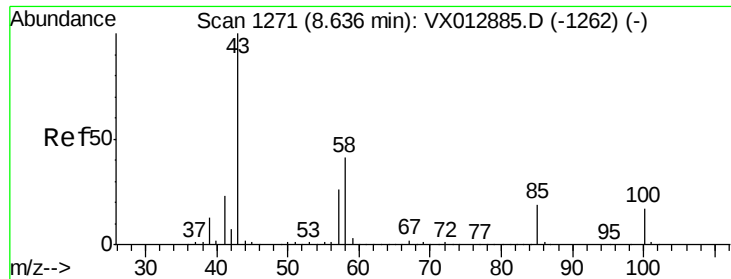
100 66.6 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 112.459 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX013012.D

Acq: 11 Oct 2019 04:58

Instrument :

MSVOA_X

ClientSampleId :

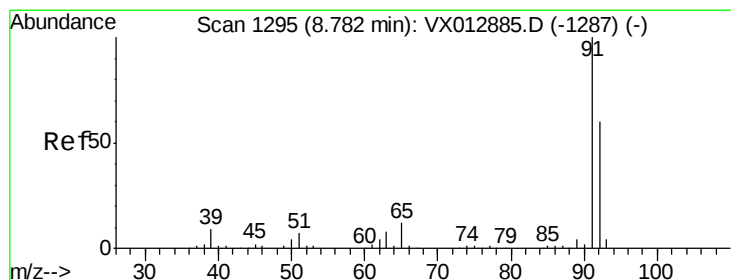
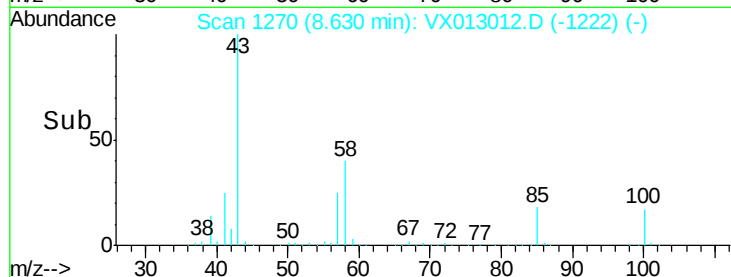
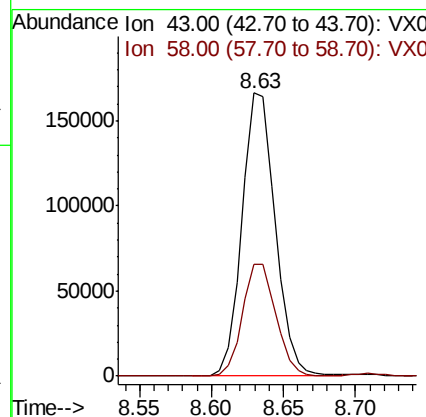
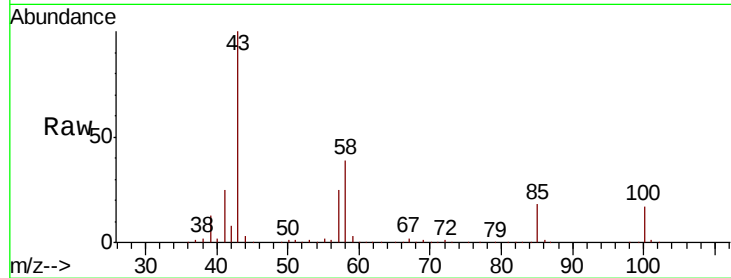
VX1011MBL01

Tot Ion: 43 Resp: 266694

Ion Ratio Lower Upper

43 100

58 39.8 32.4 48.6



#52

Toluene

Concen: 18.982 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013012.D

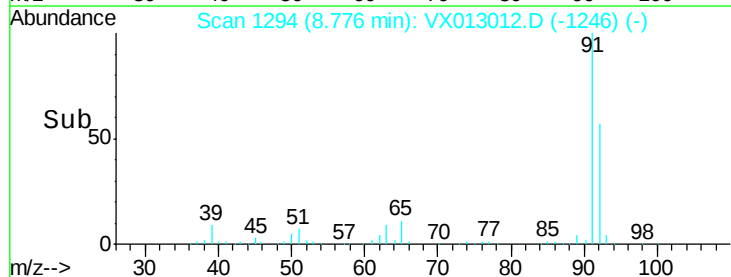
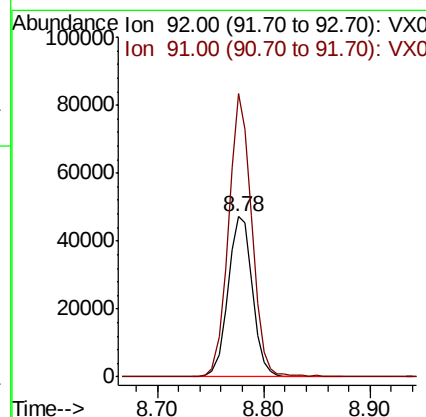
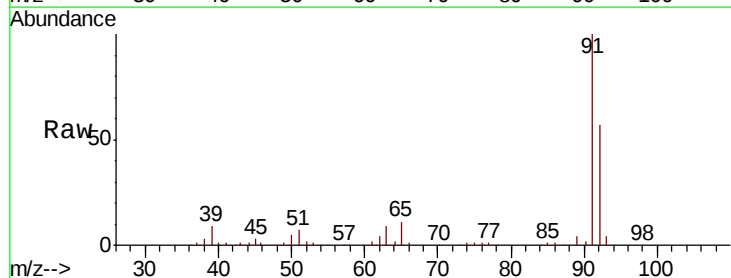
Acq: 11 Oct 2019 04:58

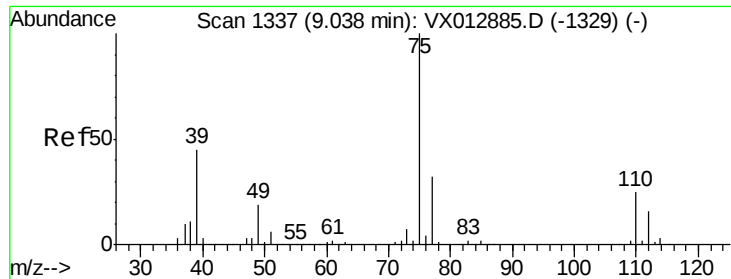
Tgt Ion: 92 Resp: 76012

Ion Ratio Lower Upper

92 100

91 166.9 135.9 203.9

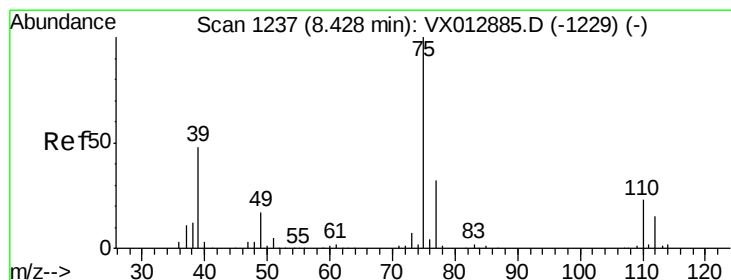
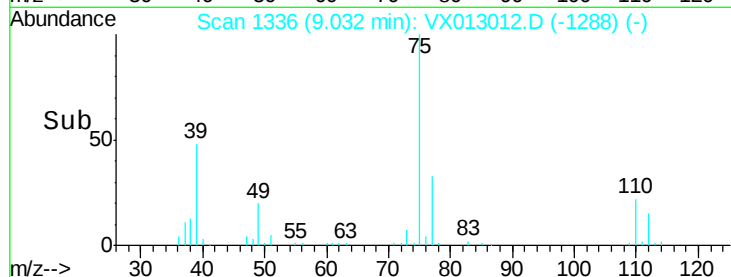
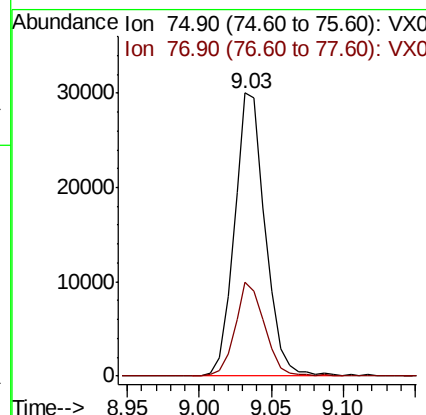
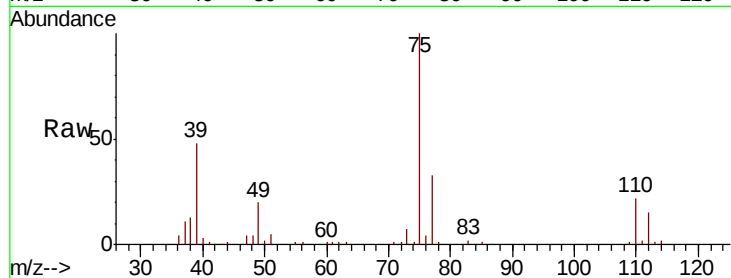




#53
 t-1,3-Dichloropropene
 Concen: 18.698 ug/l
 RT: 9.03 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: VX013012.D
 Acq: 11 Oct 2019 04:58

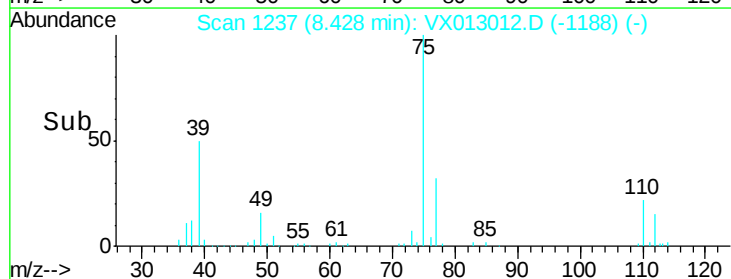
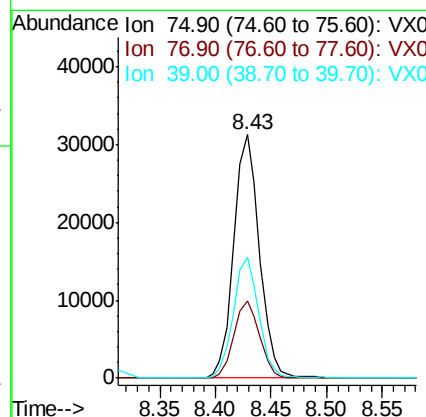
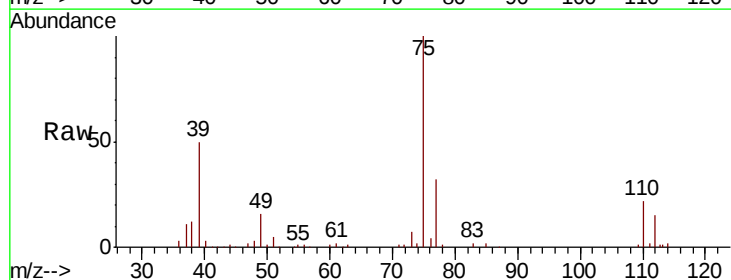
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1011MBL01

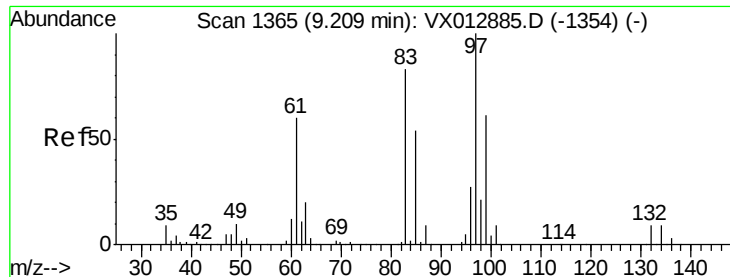
Tot Ion: 75 Resp: 44727
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 19.635 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX013012.D
 Acq: 11 Oct 2019 04:58

Tgt Ion: 75 Resp: 50091
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.8 38.8
 39 49.8 38.2 57.2

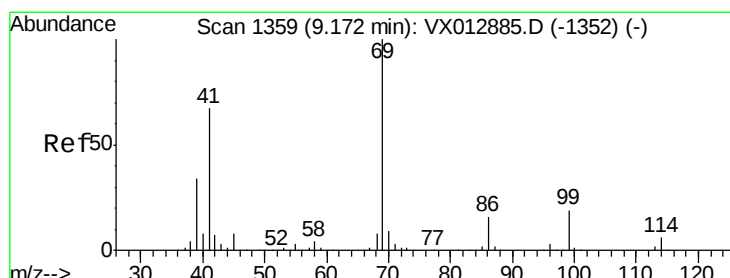
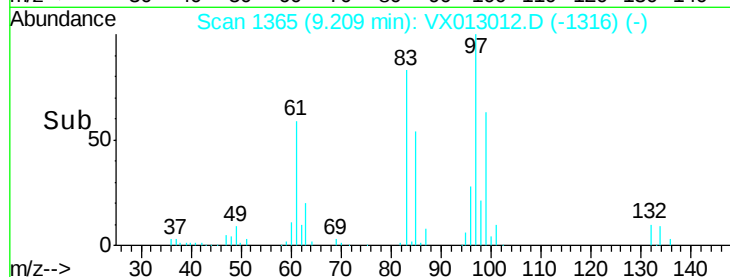
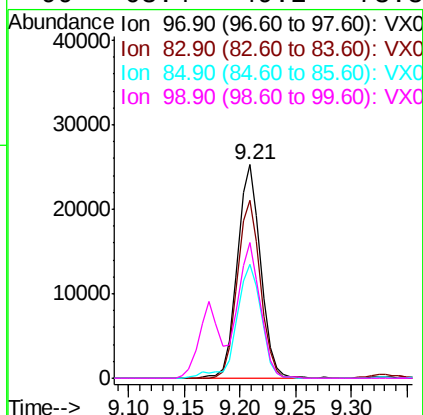
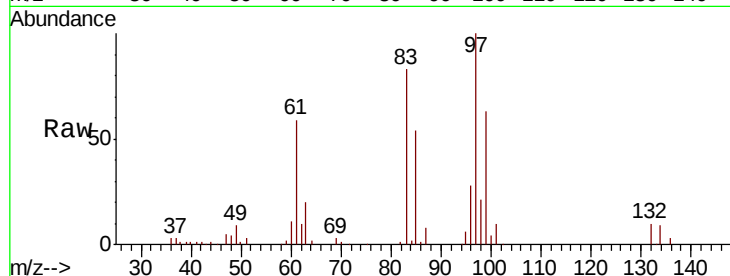




#55
 1,1,2-Trichloroethane
 Concen: 23.165 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013012.D
 Acq: 11 Oct 2019 04:58

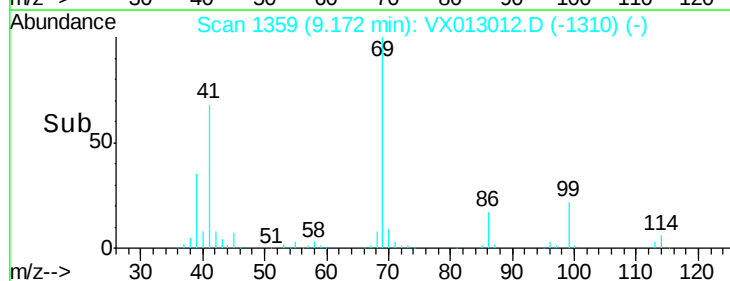
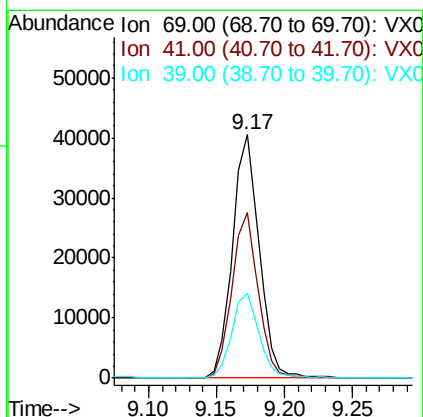
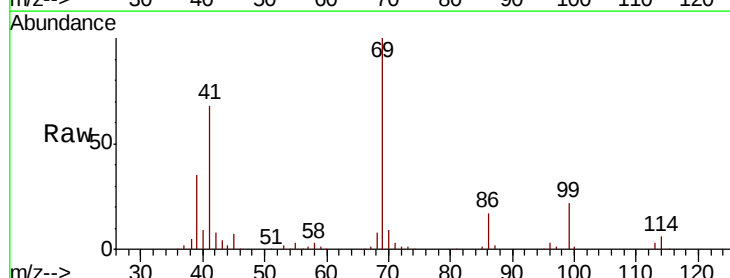
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1011MBL01

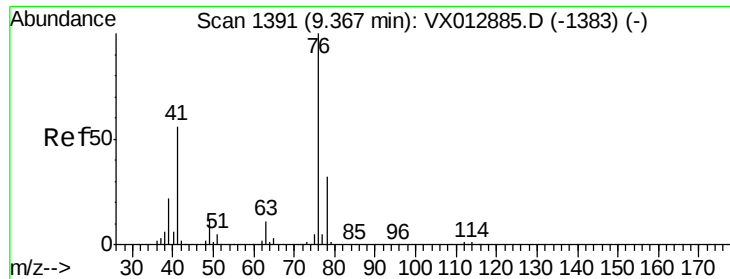
Tot Ion:	97	Resp:	36711
Ion	Ratio	Lower	Upper
97	100		
83	83.1	66.5	99.7
85	53.6	43.1	64.7
99	63.4	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 20.720 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013012.D
 Acq: 11 Oct 2019 04:58

Tgt Ion:	69	Resp:	55642
Ion	Ratio	Lower	Upper
69	100		
41	67.2	52.1	78.1
39	36.1	27.8	41.8





#57

1,3-Dichloropropane

Concen: 22.516 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013012.D

Acq: 11 Oct 2019 04:58

Instrument :

MSVOA_X

ClientSampleId :

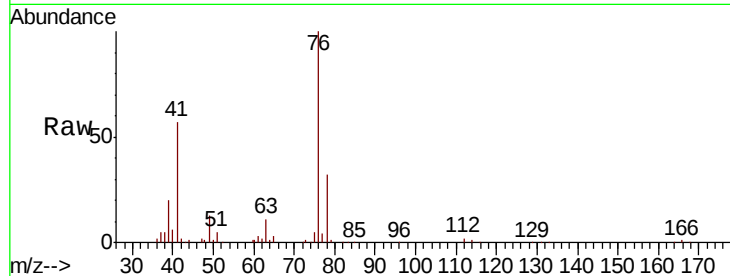
VX1011MBL01

Tot Ion: 76 Resp: 61724

Ion Ratio Lower Upper

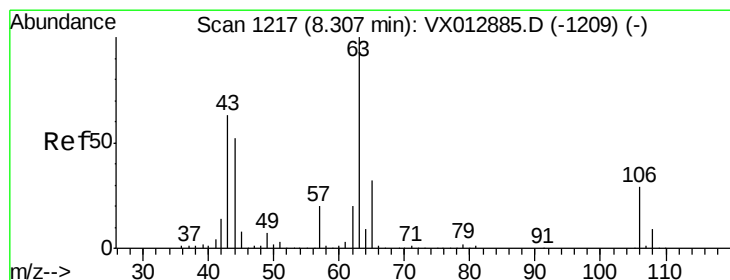
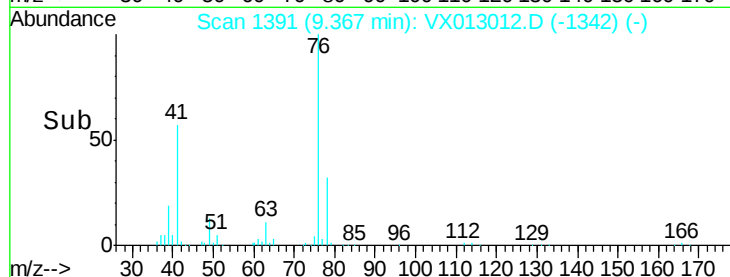
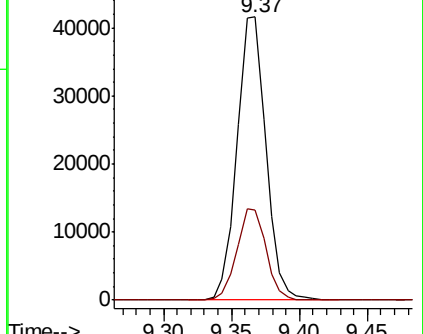
76 100

78 32.6 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 111.026 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013012.D

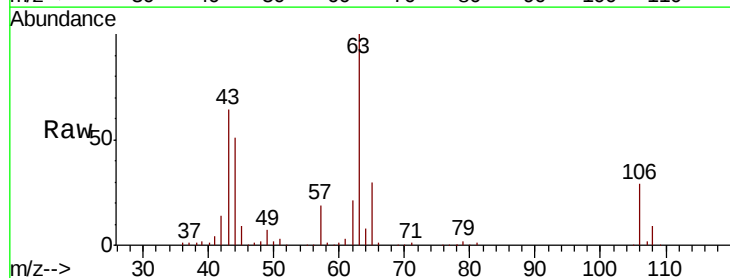
Acq: 11 Oct 2019 04:58

Tgt Ion: 63 Resp: 129257

Ion Ratio Lower Upper

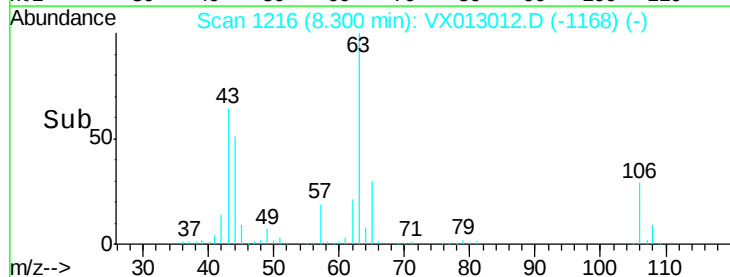
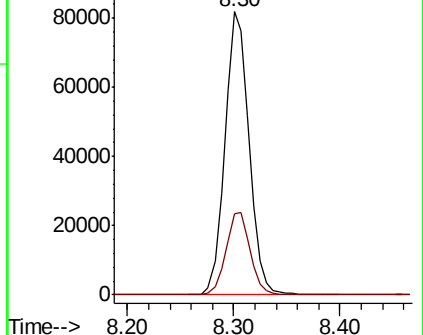
63 100

106 29.2 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

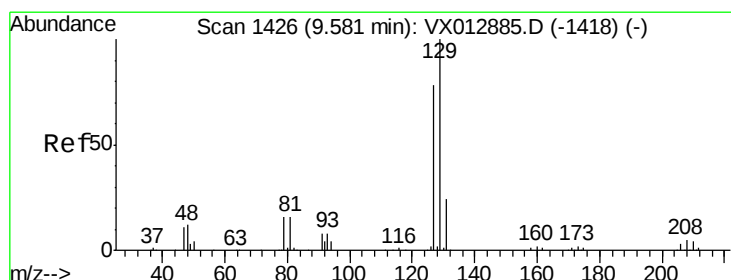
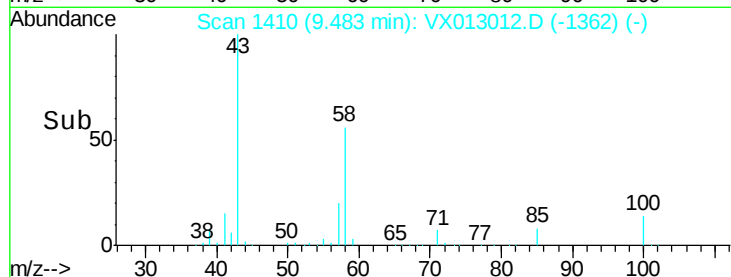
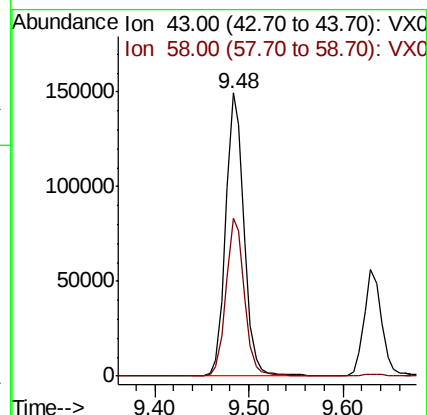
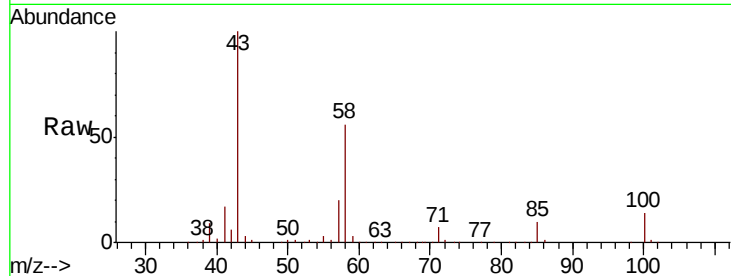




#59
2-Hexanone
Concen: 109.049 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013012.D
Acq: 11 Oct 2019 04:58

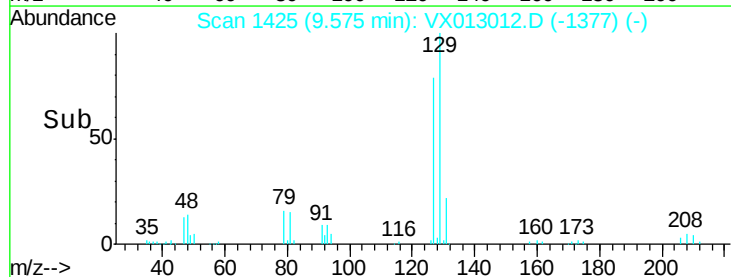
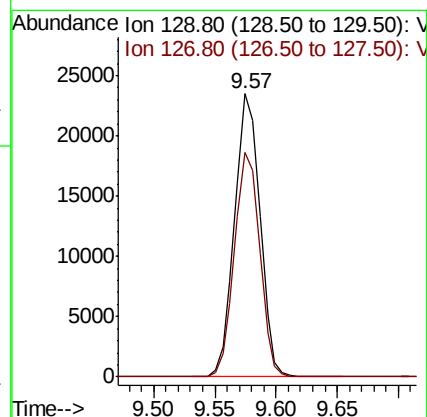
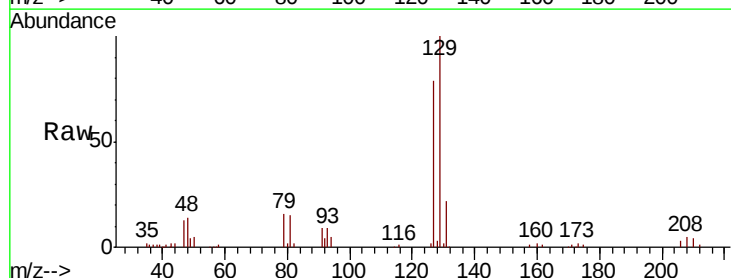
Instrument :
MSVOA_X
ClientSampleId :
VX1011MBL01

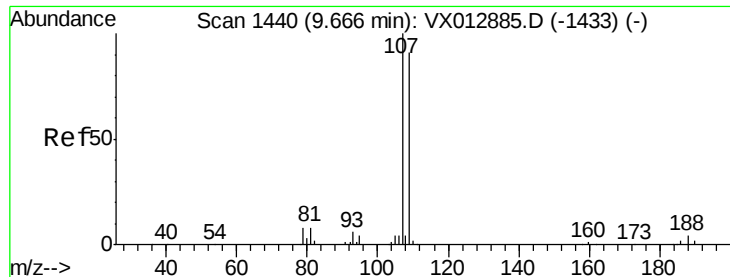
Tot Ion: 43 Resp: 201308
Ion Ratio Lower Upper
43 100
58 56.0 28.1 84.3



#60
Dibromochloromethane
Concen: 20.311 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013012.D
Acq: 11 Oct 2019 04:58

Tgt Ion:129 Resp: 33801
Ion Ratio Lower Upper
129 100
127 78.6 38.9 116.7





#61

1,2-Dibromoethane

Concen: 22.582 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013012.D

Acq: 11 Oct 2019 04:58

Instrument :

MSVOA_X

ClientSampleId :

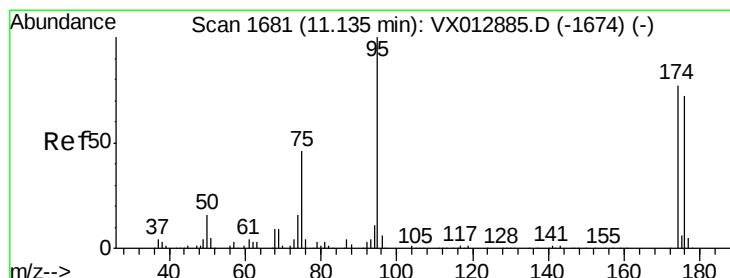
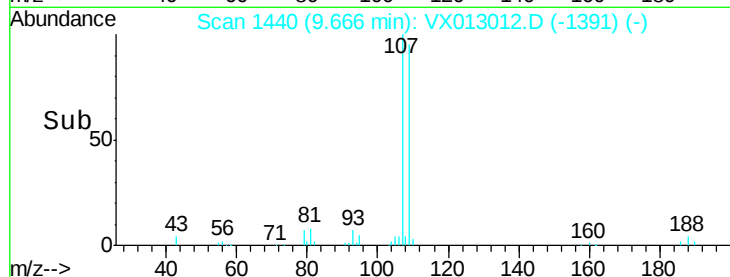
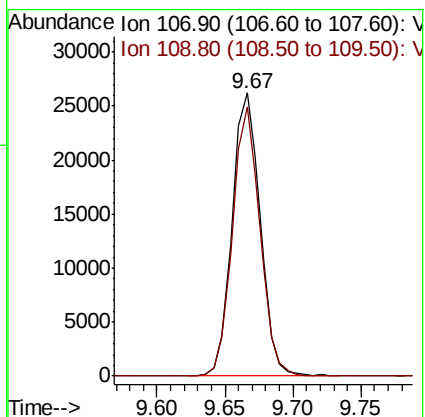
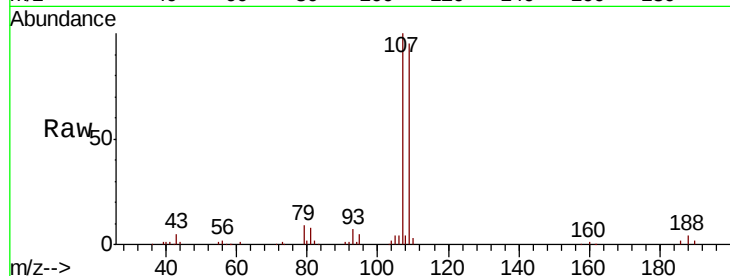
VX1011MBL01

Tot Ion:107 Resp: 37647

Ion Ratio Lower Upper

107 100

109 93.1 75.8 113.6



#62

4-Bromofluorobenzene

Concen: 49.142 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013012.D

Acq: 11 Oct 2019 04:58

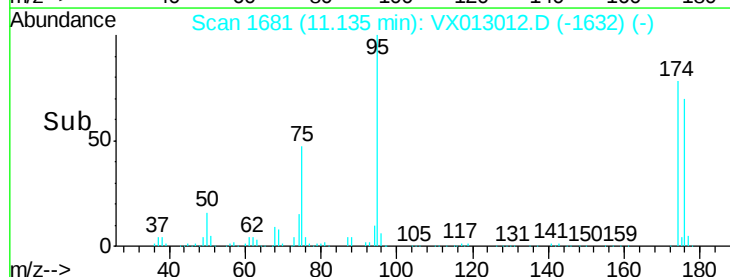
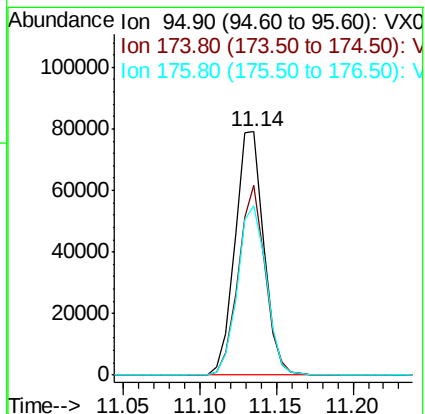
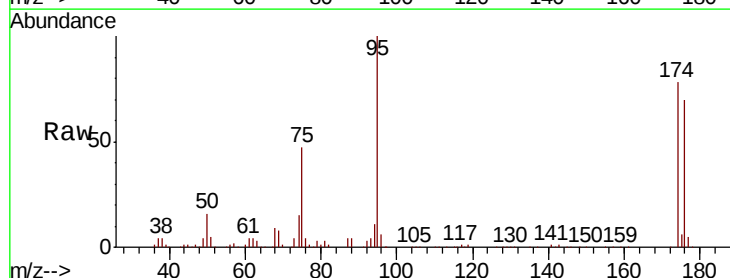
Tgt Ion: 95 Resp: 103033

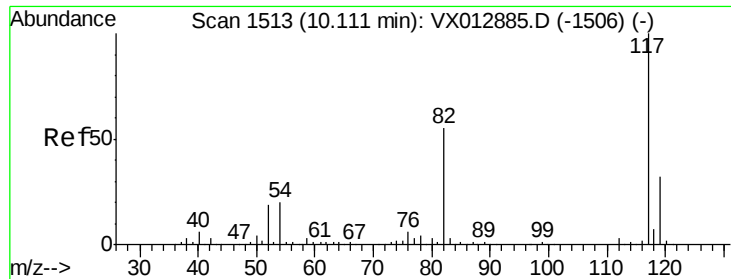
Ion Ratio Lower Upper

95 100

174 72.6 0.0 143.4

176 69.8 0.0 136.0

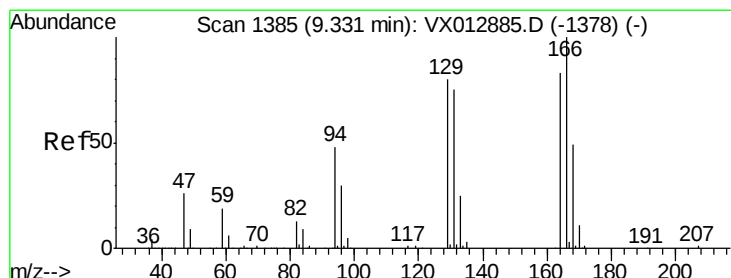
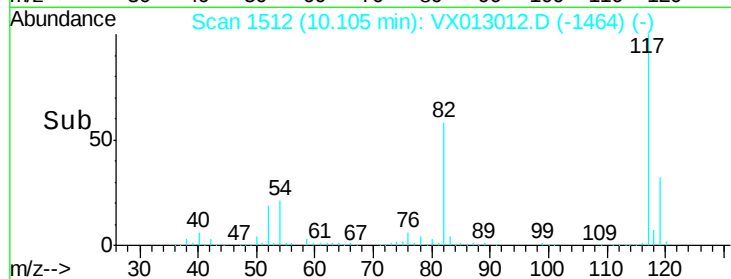
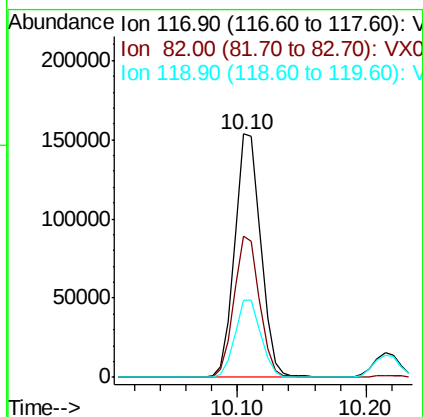
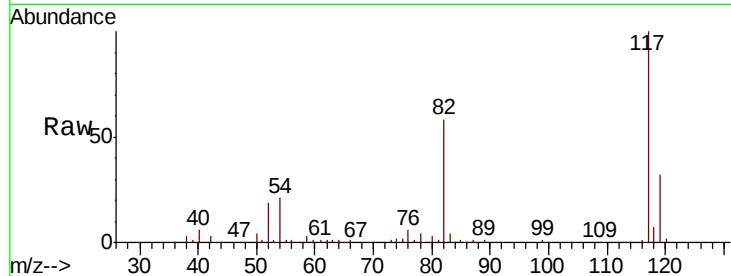




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013012.D
Acq: 11 Oct 2019 04:58

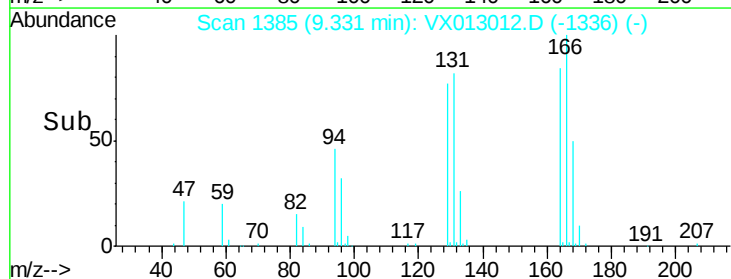
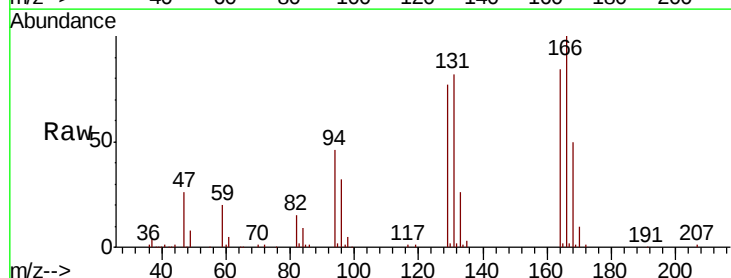
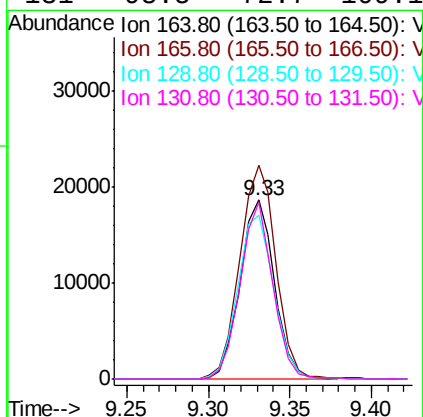
Instrument :
MSVOA_X
ClientSampleId :
VX1011MBL01

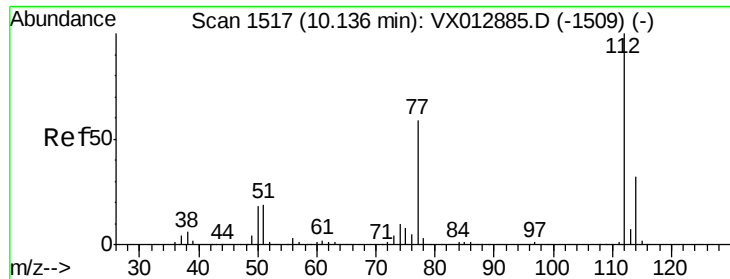
Tot Ion:117 Resp: 216529
Ion Ratio Lower Upper
117 100
82 57.8 44.1 66.1
119 31.8 25.8 38.8



#64
Tetrachloroethene
Concen: 18.199 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013012.D
Acq: 11 Oct 2019 04:58

Tgt Ion:164 Resp: 27332
Ion Ratio Lower Upper
164 100
166 119.5 96.9 145.3
129 91.8 77.9 116.9
131 98.5 72.7 109.1

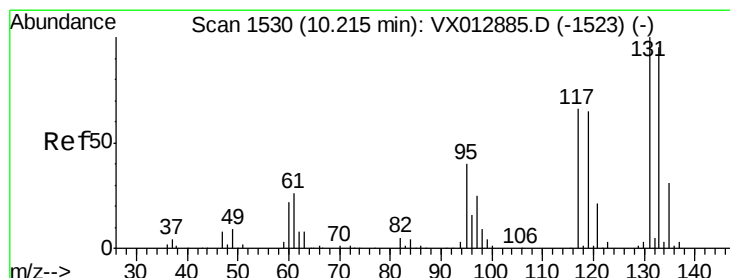
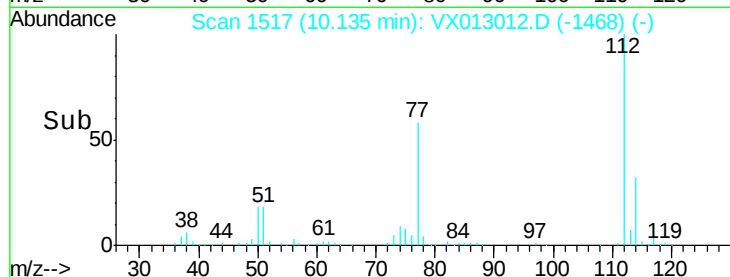
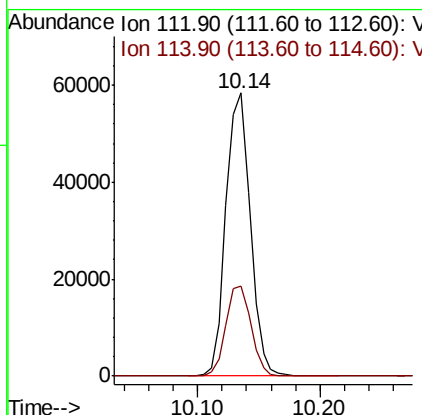
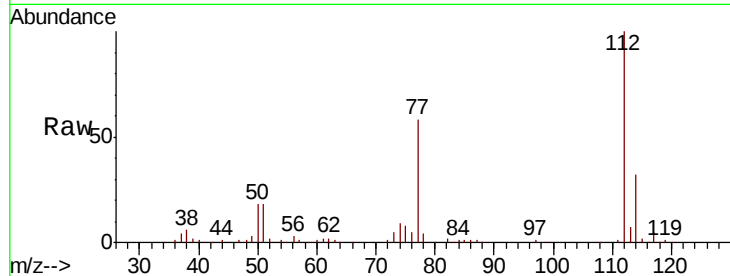




#65
Chlorobenzene
Concen: 18.839 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013012.D
Acq: 11 Oct 2019 04:58

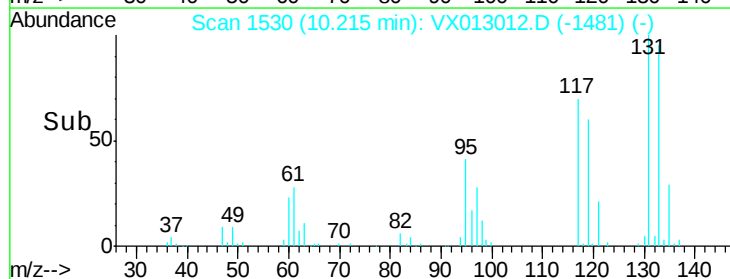
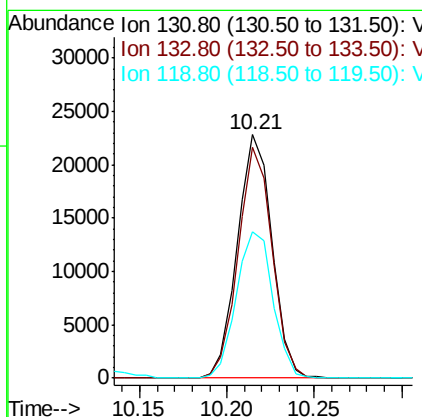
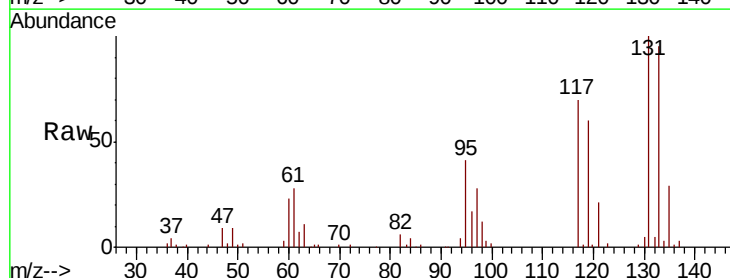
Instrument :
MSVOA_X
ClientSampleId :
VX1011MBL01

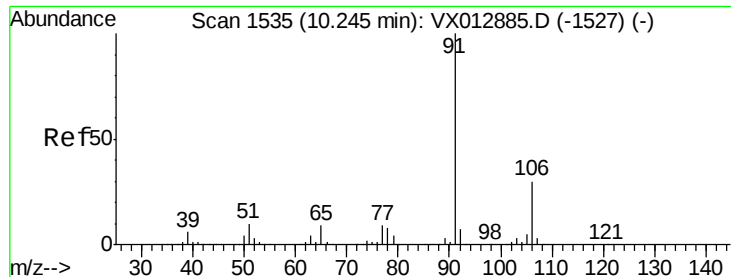
Tot Ion:112 Resp: 81006
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.057 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013012.D
Acq: 11 Oct 2019 04:58

Tgt Ion:131 Resp: 31394
Ion Ratio Lower Upper
131 100
133 93.2 47.2 141.6
119 63.8 32.6 98.0





#67

Ethyl Benzene

Concen: 17.616 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013012.D

Acq: 11 Oct 2019 04:58

Instrument :

MSVOA_X

ClientSampleId :

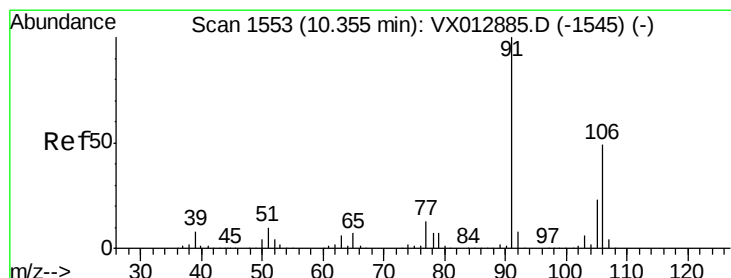
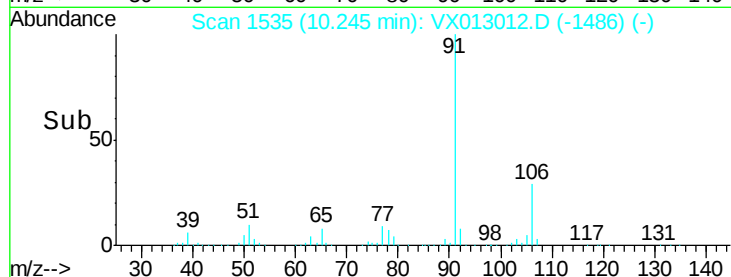
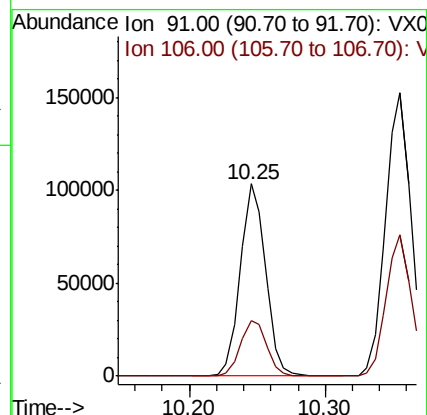
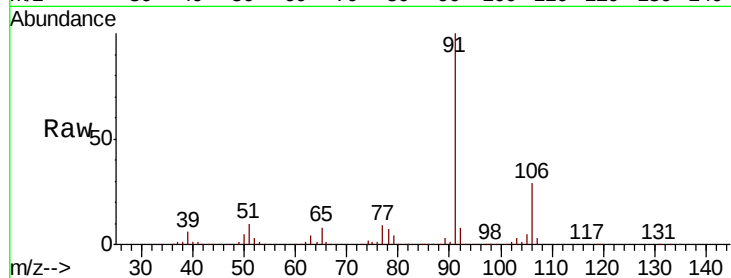
VX1011MBL01

Tot Ion: 91 Resp: 134548

Ion Ratio Lower Upper

91 100

106 28.8 23.9 35.9



#68

m/p-Xylenes

Concen: 34.813 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013012.D

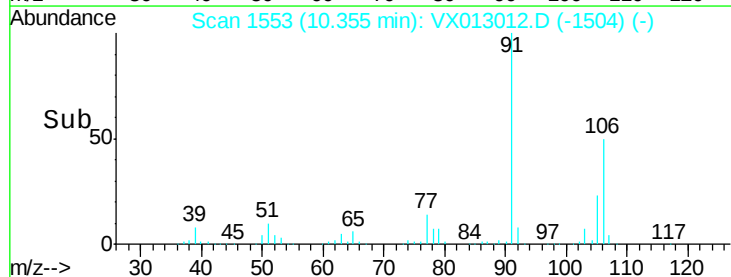
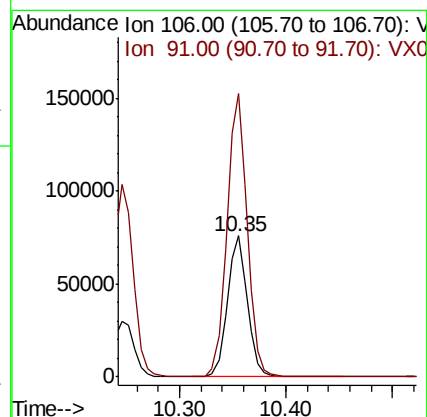
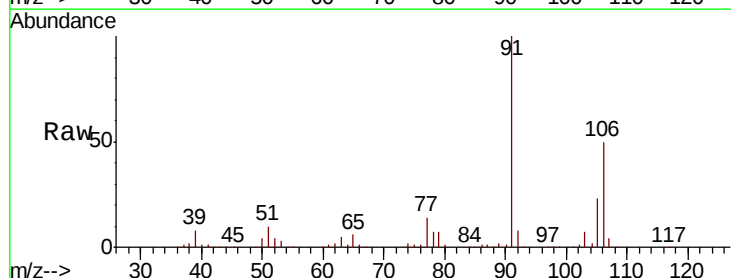
Acq: 11 Oct 2019 04:58

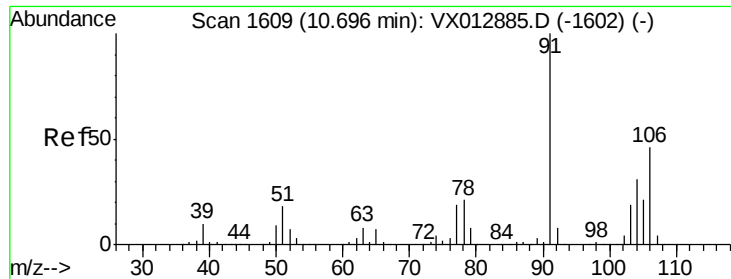
Tgt Ion: 106 Resp: 99334

Ion Ratio Lower Upper

106 100

91 202.5 165.3 247.9

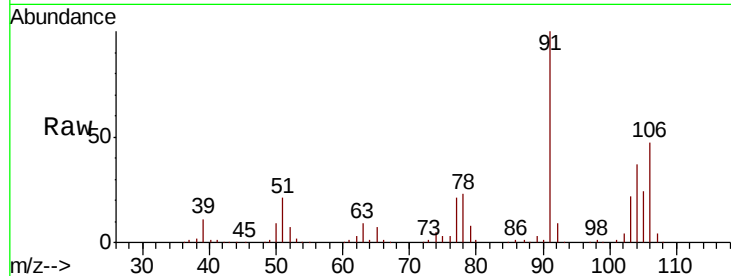




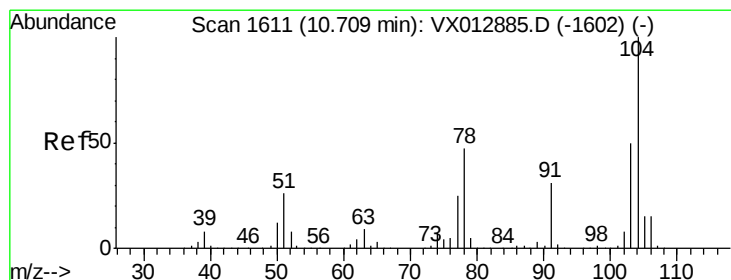
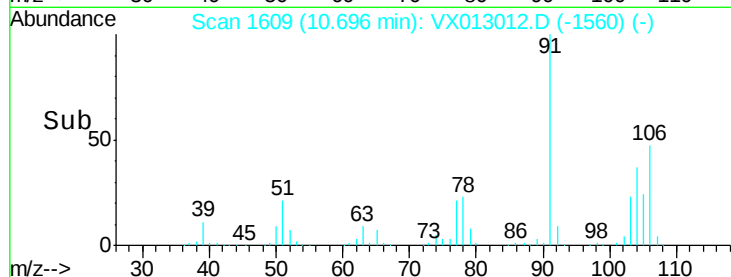
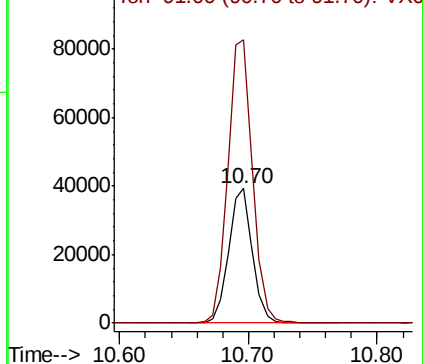
#69
o-Xylene
Concen: 18.189 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013012.D
Acq: 11 Oct 2019 04:58

Instrument :
MSVOA_X
ClientSampleId :
VX1011MBL01

Tot Ion:106 Resp: 50611
Ion Ratio Lower Upper
106 100
91 219.5 109.1 327.3

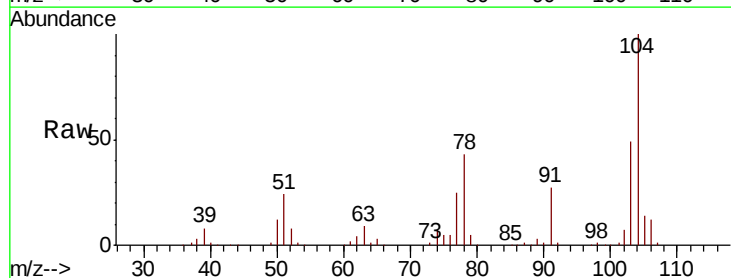


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

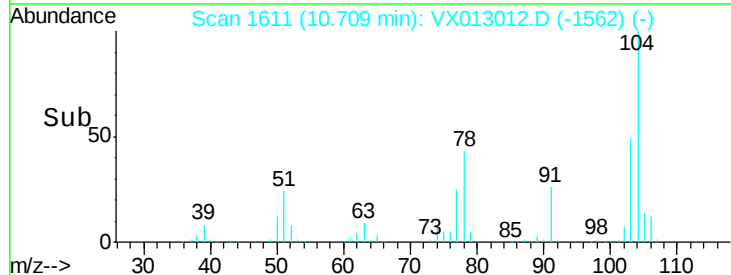
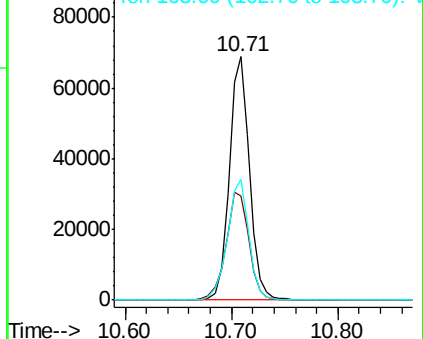


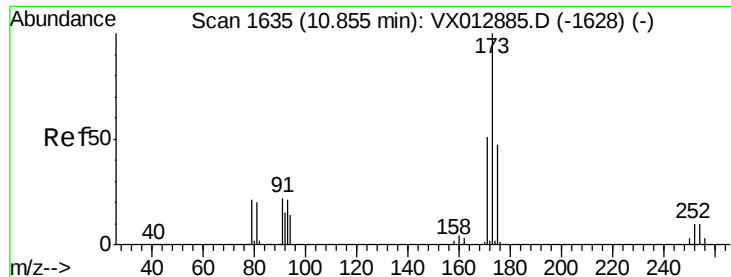
#70
Styrene
Concen: 19.272 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013012.D
Acq: 11 Oct 2019 04:58

Tgt Ion:104 Resp: 91162
Ion Ratio Lower Upper
104 100
78 50.3 41.2 61.8
103 52.8 43.0 64.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.485 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013012.D

Acq: 11 Oct 2019 04:58

Instrument :

MSVOA_X

ClientSampleId :

VX1011MBL01

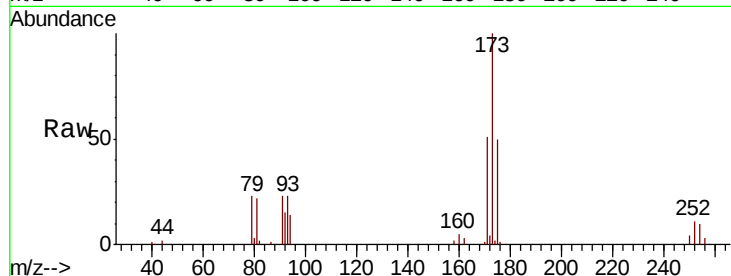
Tot Ion:173 Resp: 22157

Ion Ratio Lower Upper

173 100

175 48.7 24.1 72.3

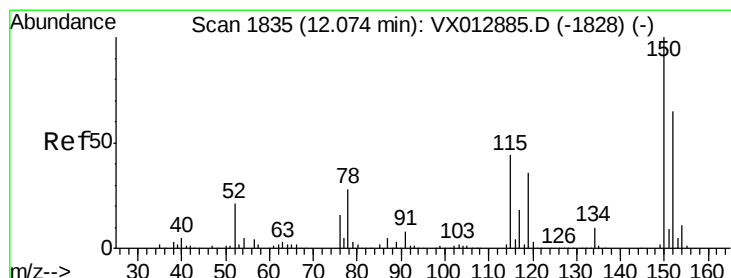
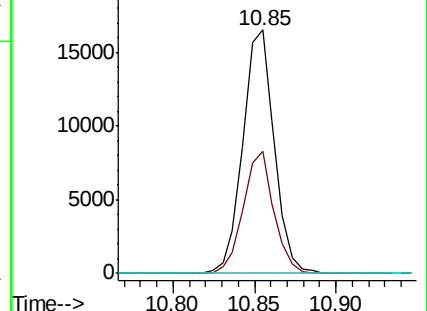
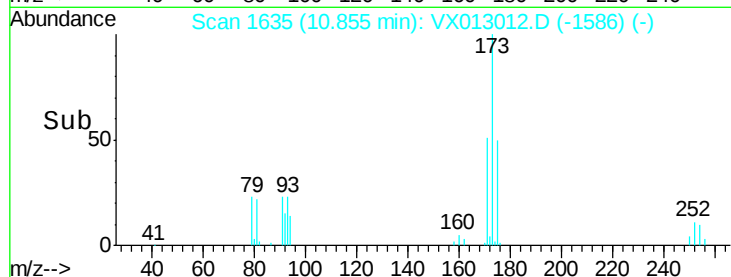
254 0.0 0.1 0.1#



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: VX013012.D

Acq: 11 Oct 2019 04:58

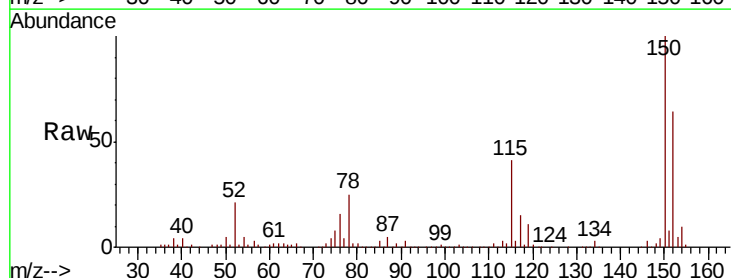
Tgt Ion:152 Resp: 92404

Ion Ratio Lower Upper

152 100

115 72.7 44.5 133.5

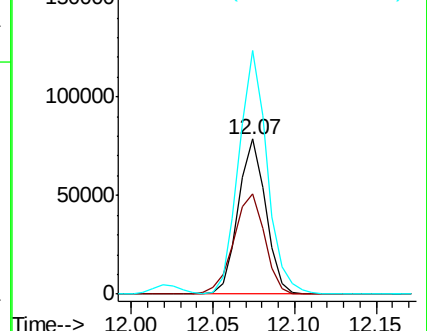
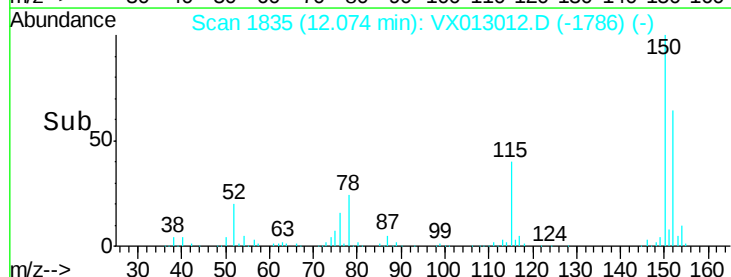
150 162.3 0.0 353.4

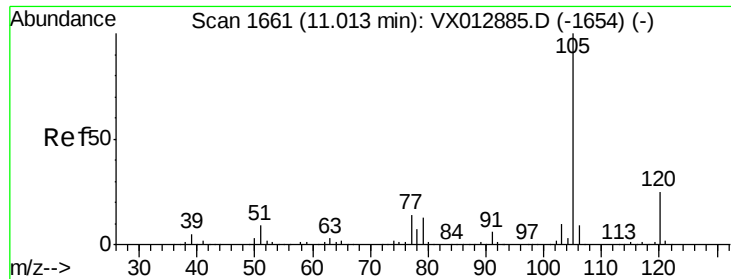


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.481 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013012.D

Acq: 11 Oct 2019 04:58

Instrument :

MSVOA_X

ClientSampleId :

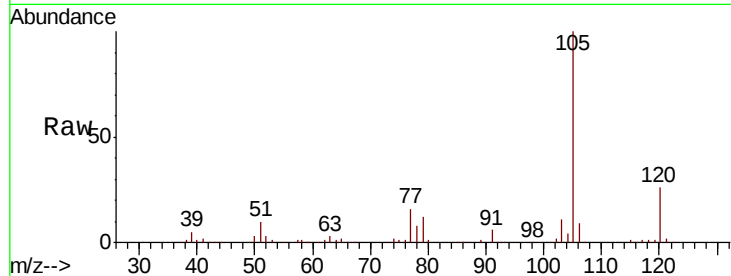
VX1011MBL01

Tot Ion:105 Resp: 118764

Ion Ratio Lower Upper

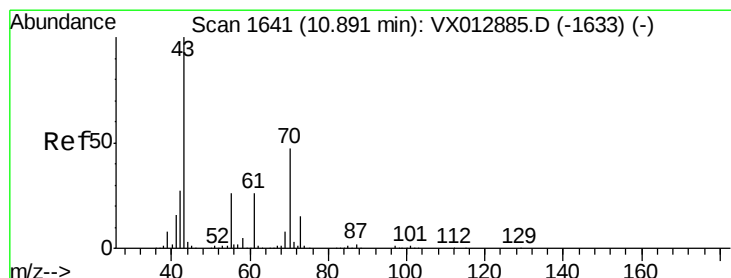
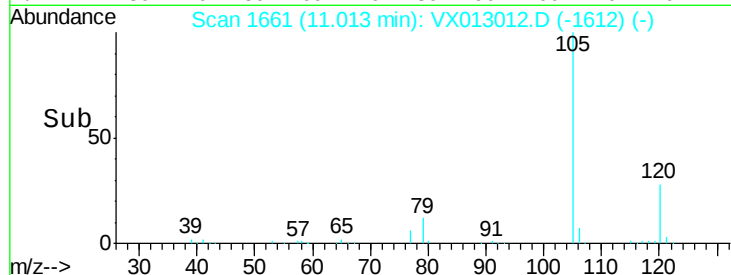
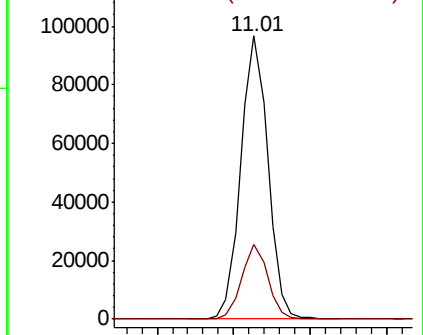
105 100

120 25.5 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 23.333 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013012.D

Acq: 11 Oct 2019 04:58

Tgt Ion: 43 Resp: 68271

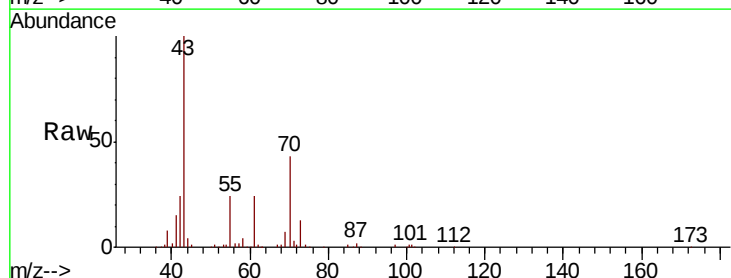
Ion Ratio Lower Upper

43 100

70 44.2 36.4 54.6

55 25.0 20.2 30.2

61 25.3 20.5 30.7

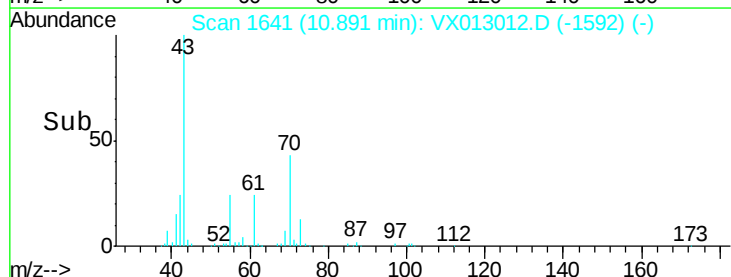
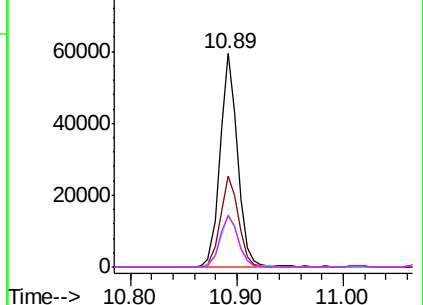


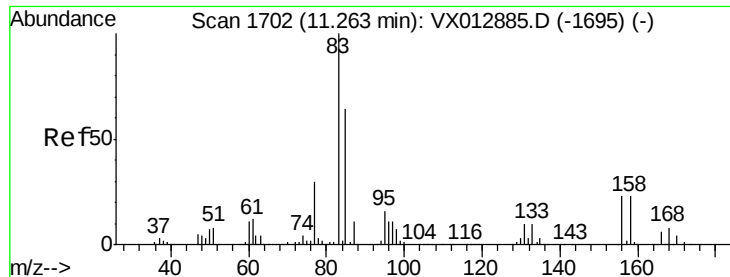
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

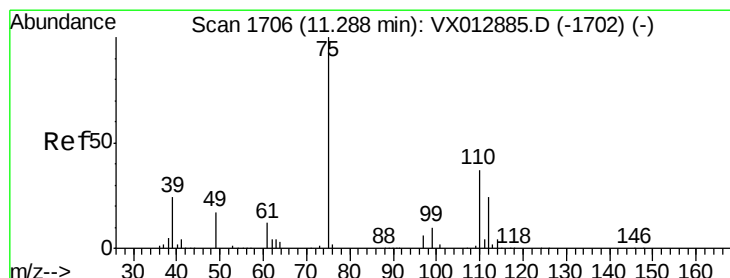
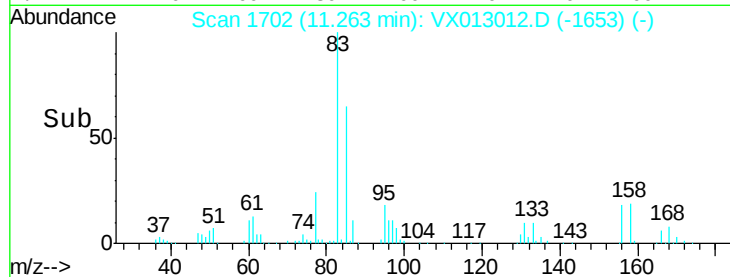
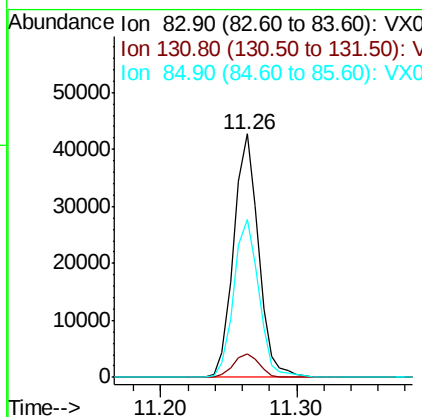
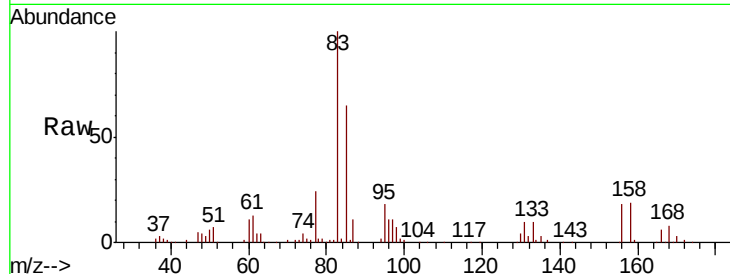




#75
 1,1,2,2-Tetrachloroethane
 Concen: 23.999 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: VX013012.D
 Acq: 11 Oct 2019 04:58

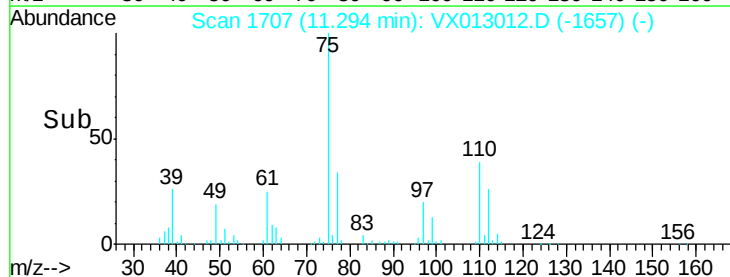
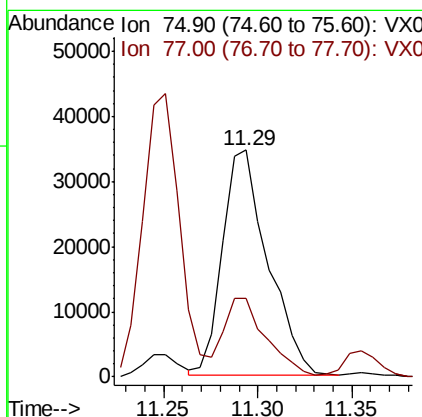
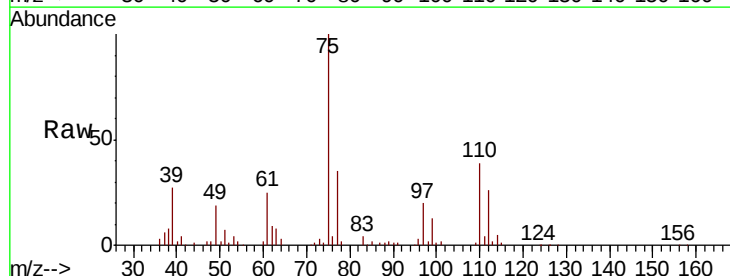
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1011MBL01

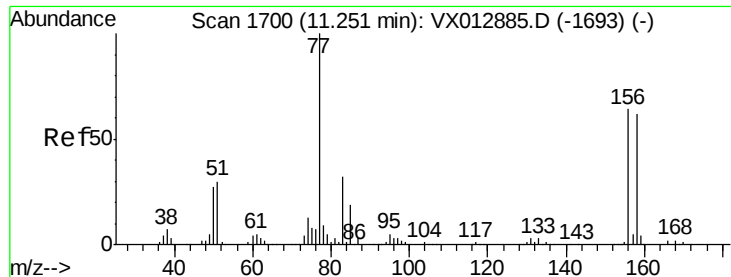
Tot Ion	83	Resp	54228
Ion Ratio	100		
Lower	5.1		
Upper	15.3		
85	65.9	32.1	96.5



#76
 1,2,3-Trichloropropane
 Concen: 28.285 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX013012.D
 Acq: 11 Oct 2019 04:58

Tgt Ion	75	Resp	57971
Ion Ratio	100		
Lower	22.9		
Upper	68.8		
77	32.4		





#77

Bromobenzene

Concen: 21.776 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013012.D

Acq: 11 Oct 2019 04:58

Instrument :

MSVOA_X

ClientSampleId :

VX1011MBL01

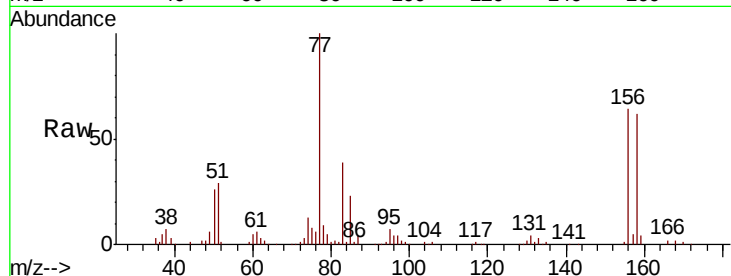
Tot Ion:156 Resp: 34862

Ion Ratio Lower Upper

156 100

77 172.2 83.7 251.0

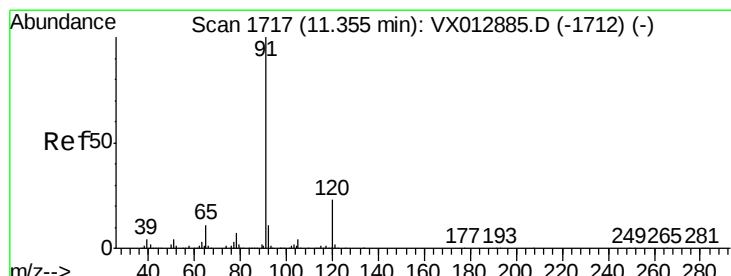
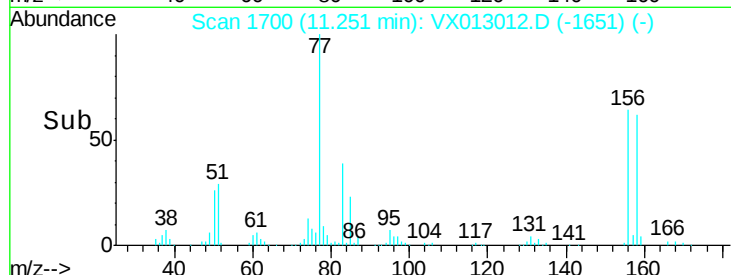
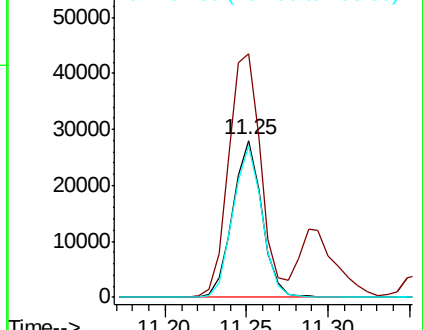
158 96.1 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 16.949 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013012.D

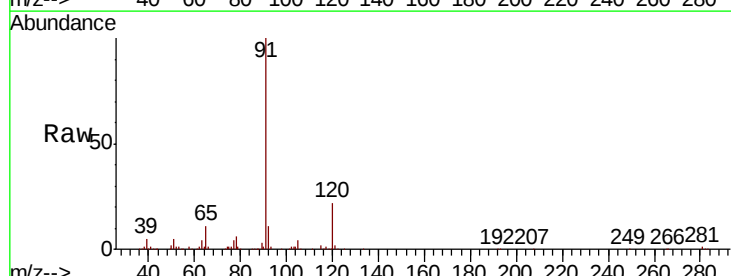
Acq: 11 Oct 2019 04:58

Tgt Ion: 91 Resp: 126702

Ion Ratio Lower Upper

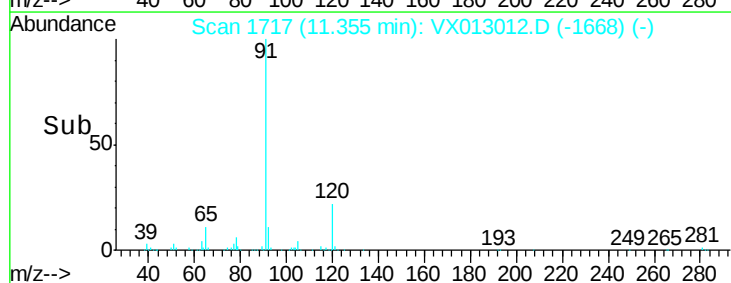
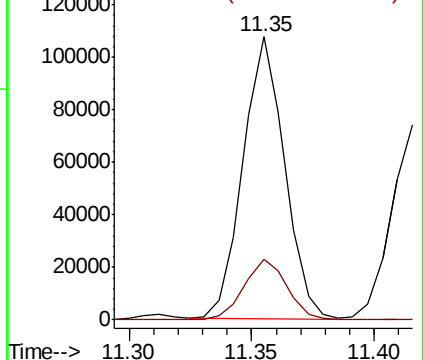
91 100

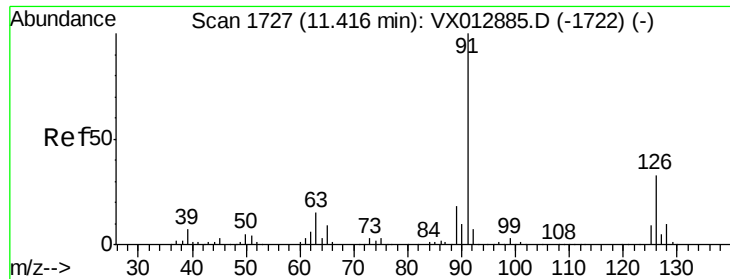
120 22.3 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

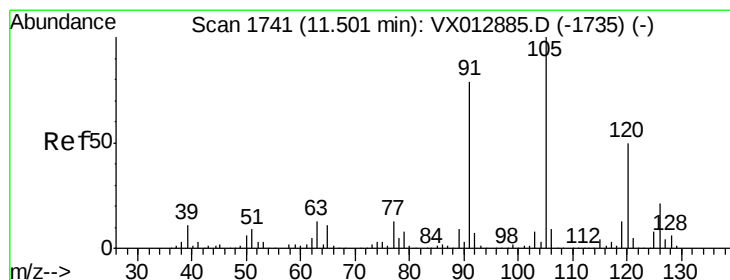
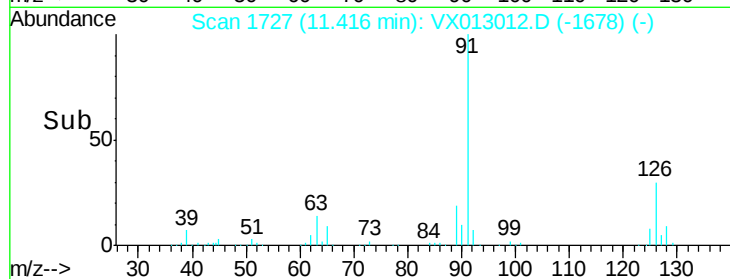
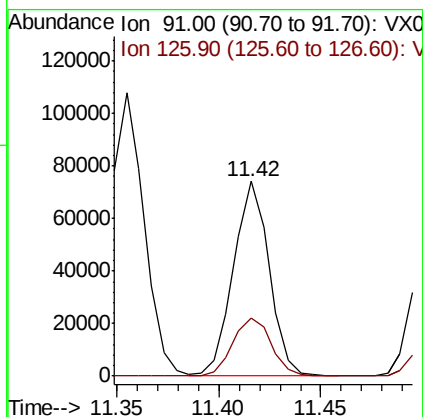
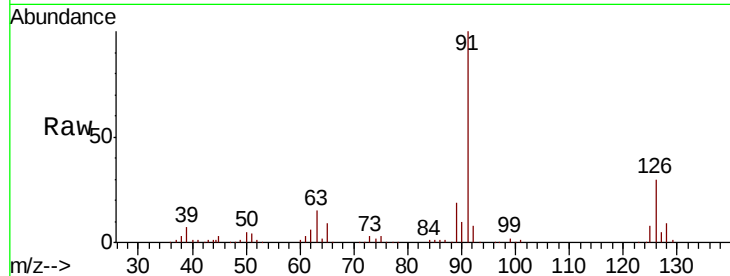




#79
 2-Chlorotoluene
 Concen: 19.081 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX013012.D
 Acq: 11 Oct 2019 04:58

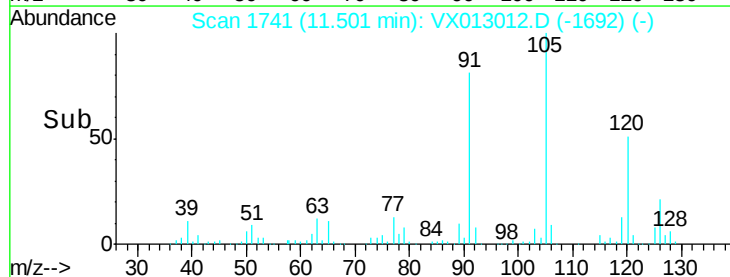
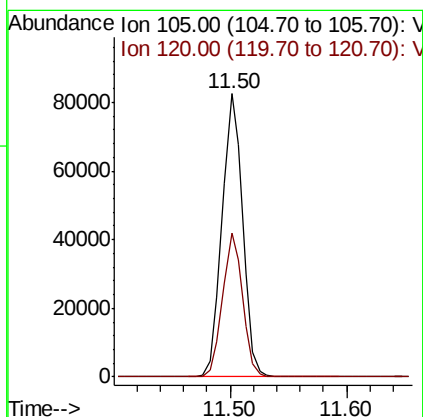
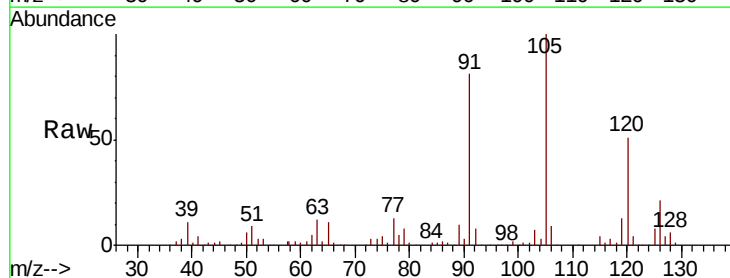
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1011MBL01

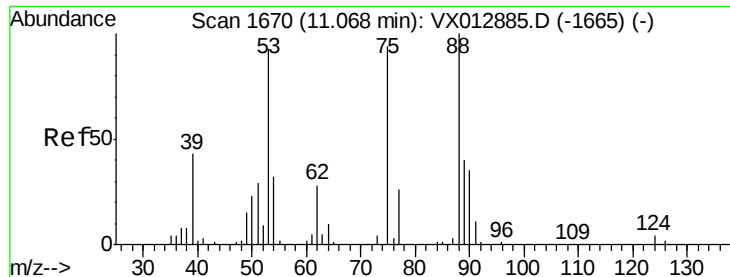
Tot Ion: 91 Resp: 89644
 Ion Ratio Lower Upper
 91 100
 126 31.9 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 17.775 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013012.D
 Acq: 11 Oct 2019 04:58

Tgt Ion: 105 Resp: 100834
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 18.603 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013012.D

Acq: 11 Oct 2019 04:58

Instrument :

MSVOA_X

ClientSampled :

VX1011MBL01

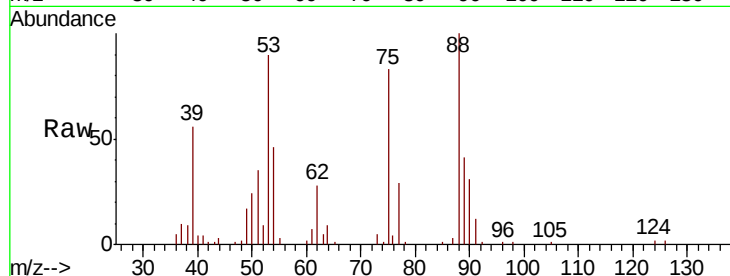
Tot Ion: 75 Resp: 12601

Ion Ratio Lower Upper

75 100

53 111.4 78.5 117.7

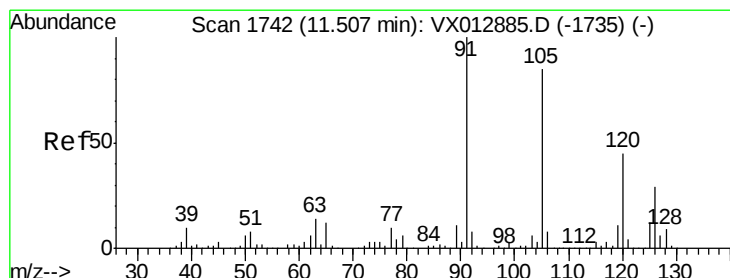
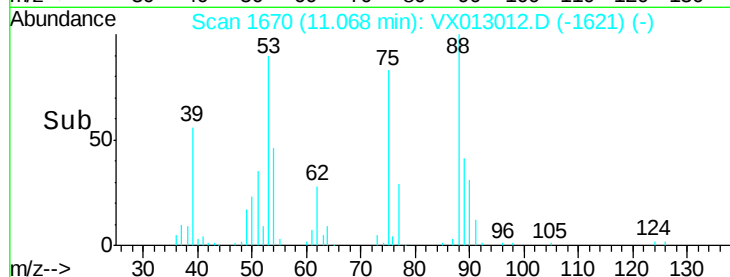
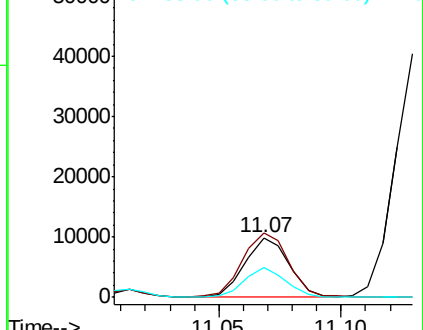
89 45.9 37.4 56.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 18.243 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013012.D

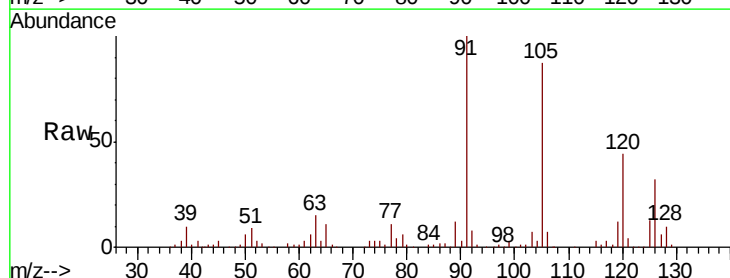
Acq: 11 Oct 2019 04:58

Tgt Ion: 91 Resp: 98239

Ion Ratio Lower Upper

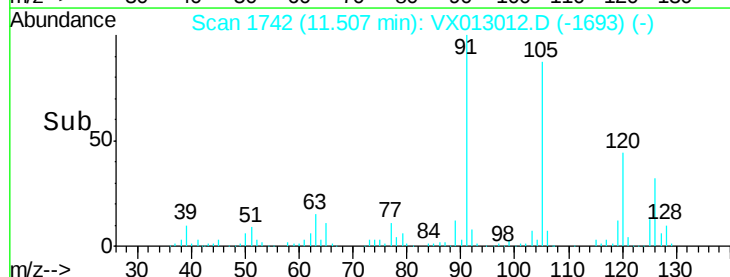
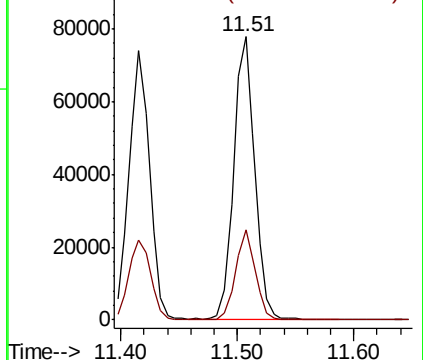
91 100

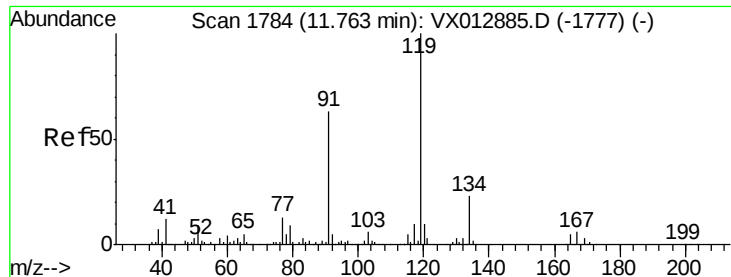
126 29.9 14.2 42.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

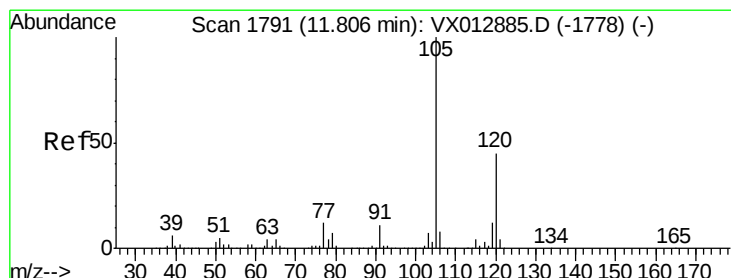
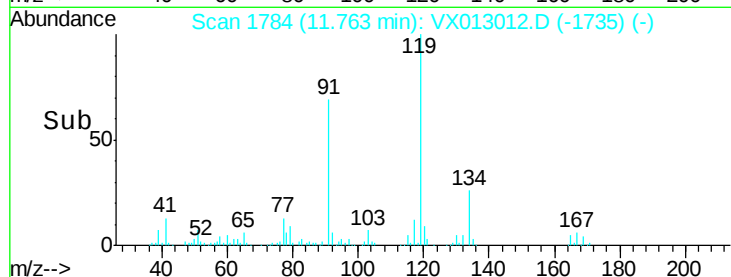
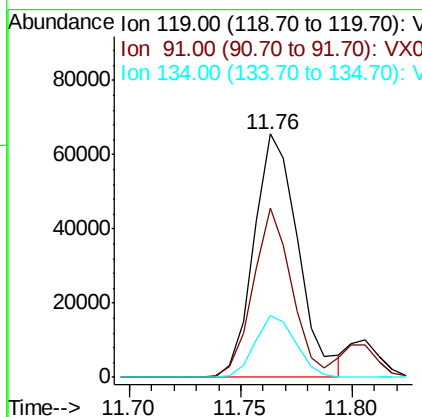
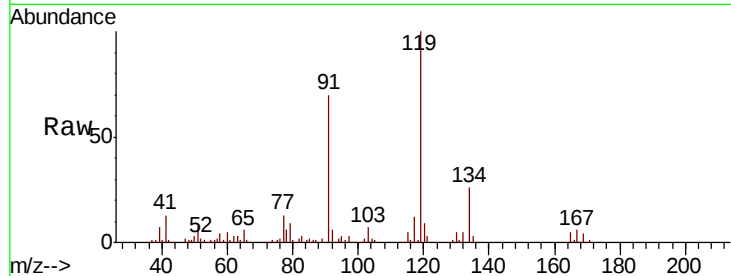




#83
tert-Butylbenzene
Concen: 16.373 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX013012.D
Acq: 11 Oct 2019 04:58

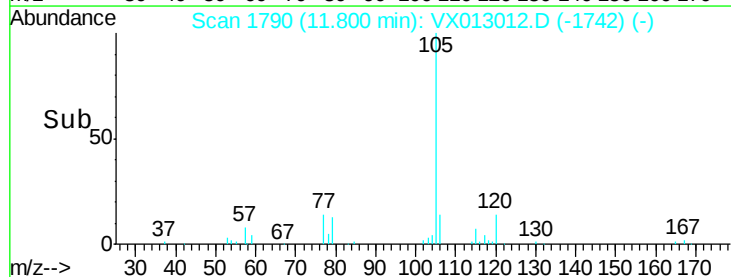
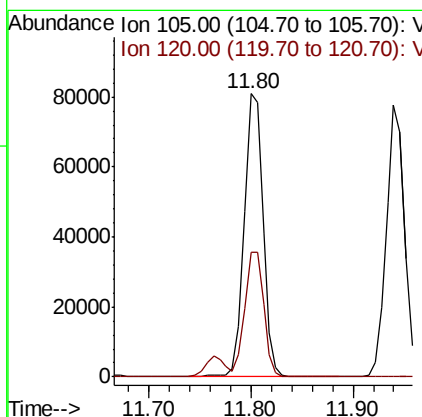
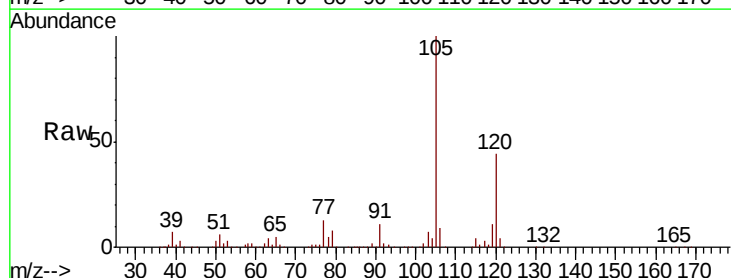
Instrument :
MSVOA_X
ClientSampleId :
VX1011MBL01

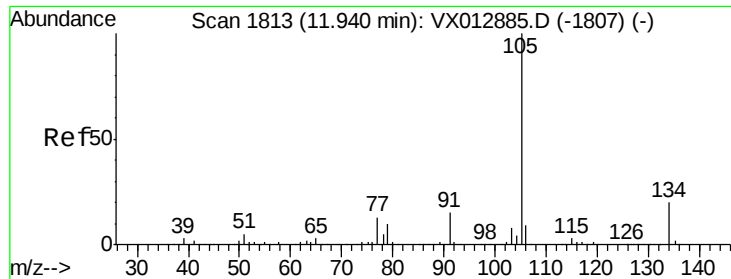
Tot Ion:119 Resp: 90602
Ion Ratio Lower Upper
119 100
91 61.1 29.3 87.9
134 23.5 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 18.045 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX013012.D
Acq: 11 Oct 2019 04:58

Tgt Ion:105 Resp: 103675
Ion Ratio Lower Upper
105 100
120 44.4 21.8 65.3





#85

sec-Butylbenzene

Concen: 15.269 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013012.D

Acq: 11 Oct 2019 04:58

Instrument :

MSVOA_X

ClientSampleId :

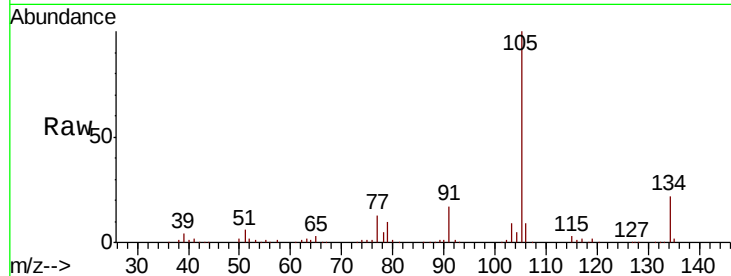
VX1011MBL01

Tot Ion:105 Resp: 97889

Ion Ratio Lower Upper

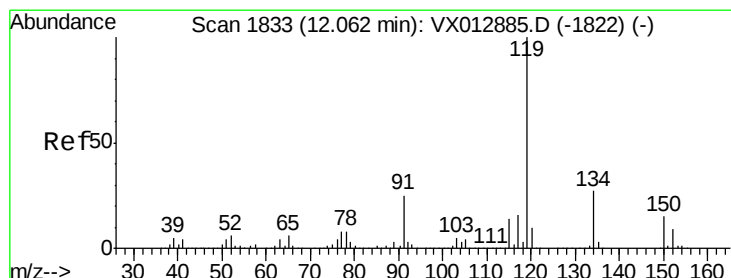
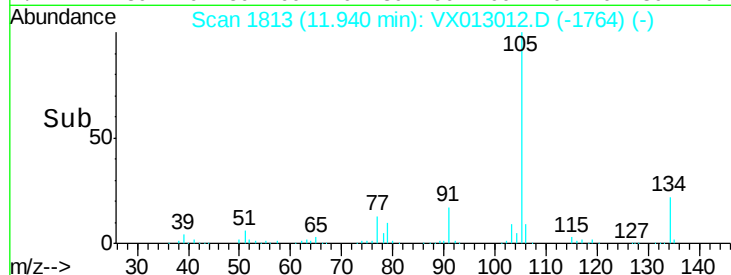
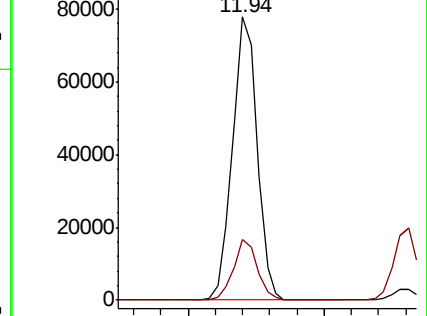
105 100

134 20.6 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 15.909 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013012.D

Acq: 11 Oct 2019 04:58

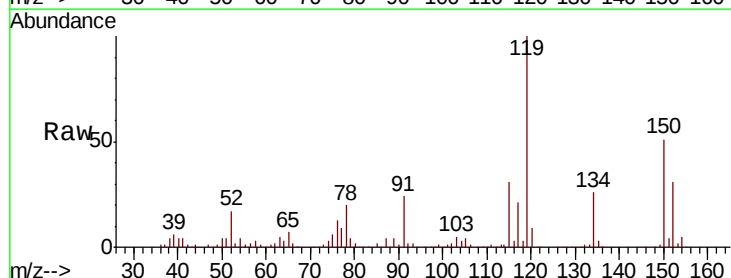
Tgt Ion:119 Resp: 94595

Ion Ratio Lower Upper

119 100

134 25.2 12.6 37.8

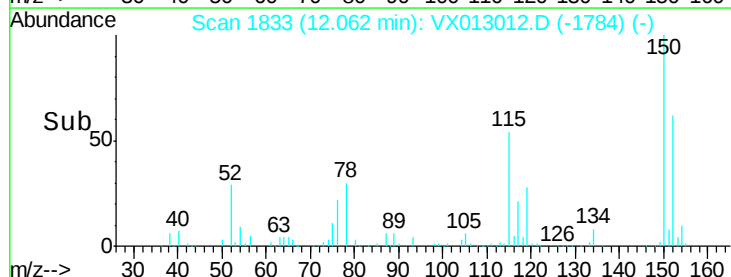
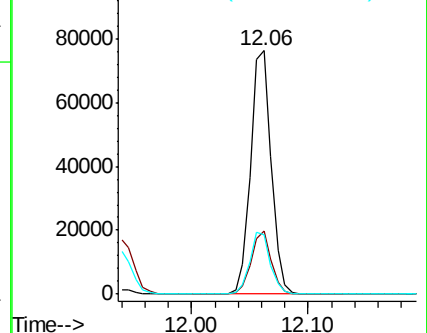
91 25.2 12.4 37.4



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

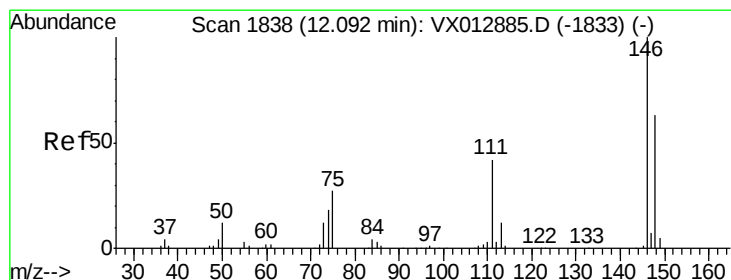
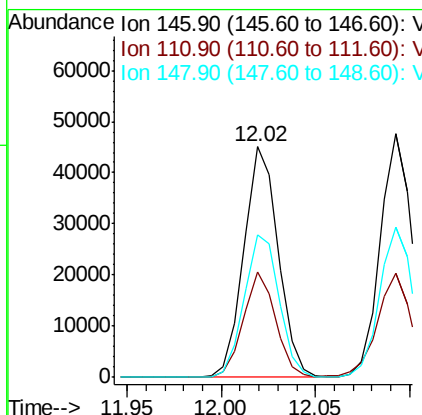
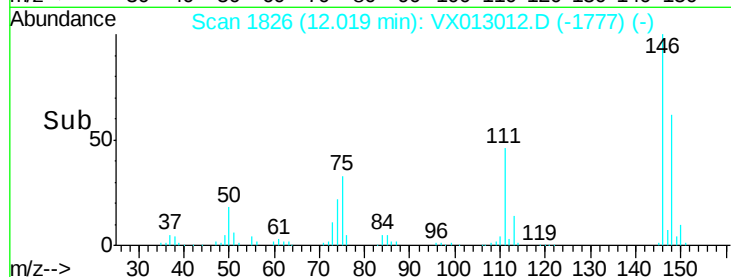
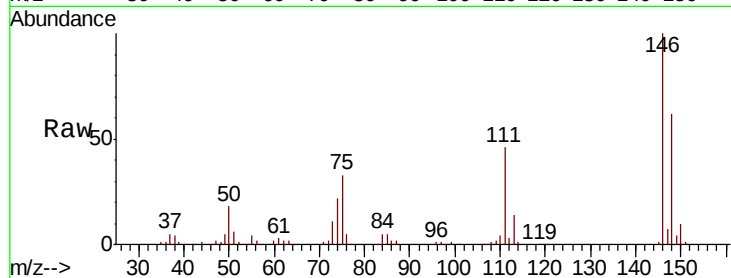




#87
 1,3-Dichlorobenzene
 Concen: 19.220 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013012.D
 Acq: 11 Oct 2019 04:58

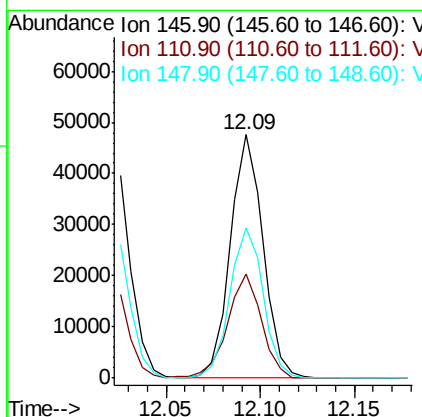
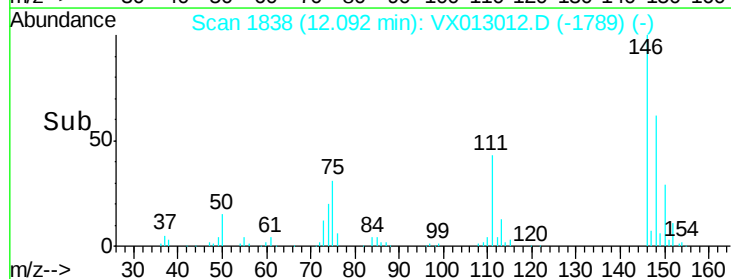
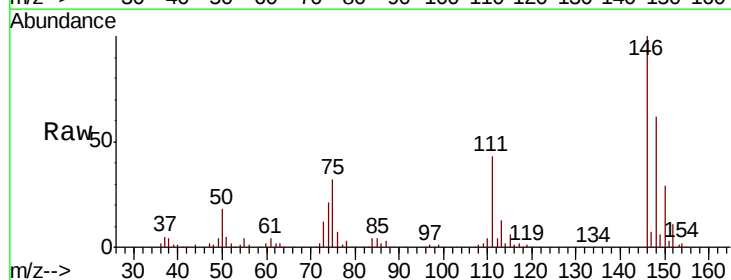
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1011MBL01

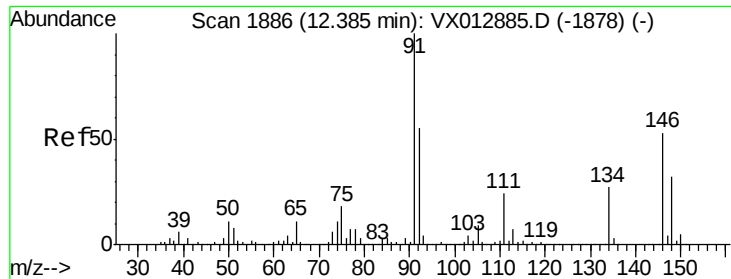
Tot Ion:146 Resp: 57140
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.1 63.4
 148 62.9 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 19.040 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013012.D
 Acq: 11 Oct 2019 04:58

Tgt Ion:146 Resp: 57326
 Ion Ratio Lower Upper
 146 100
 111 44.5 21.4 64.3
 148 63.0 32.1 96.5

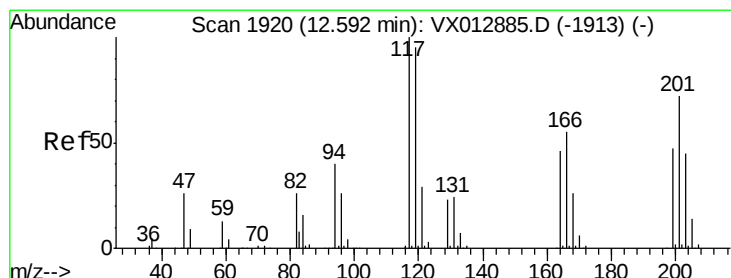
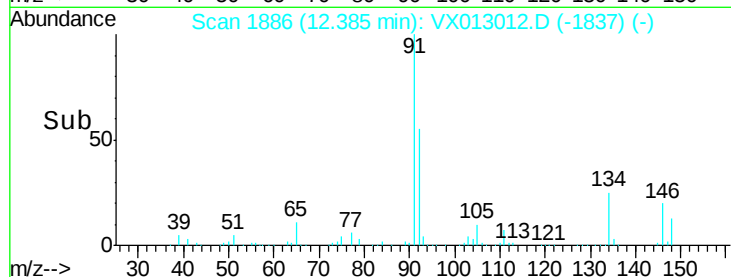
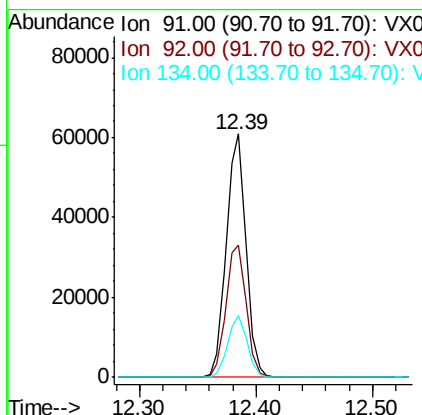
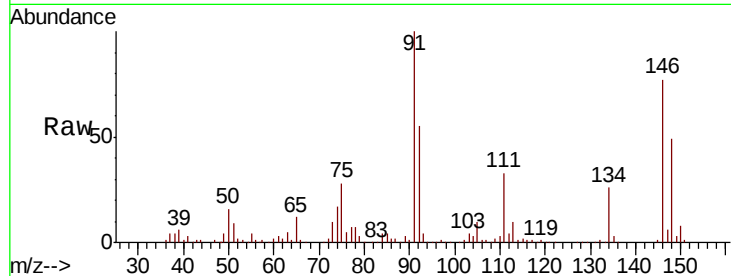




#89
n-Butylbenzene
Concen: 14.272 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013012.D
Acq: 11 Oct 2019 04:58

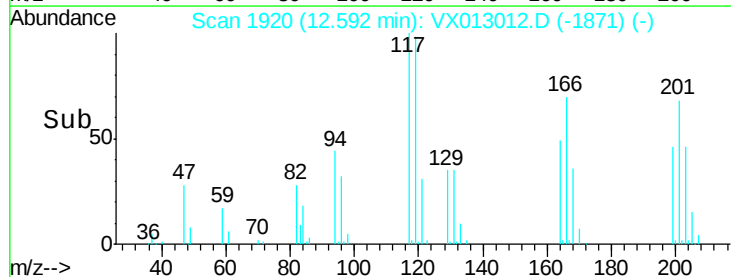
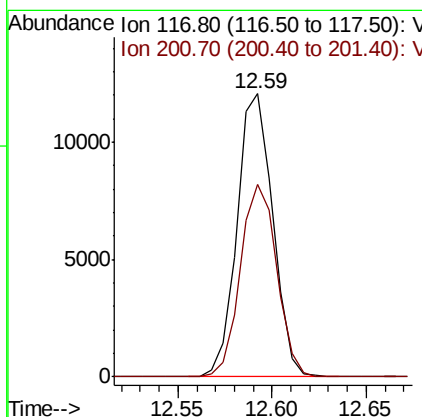
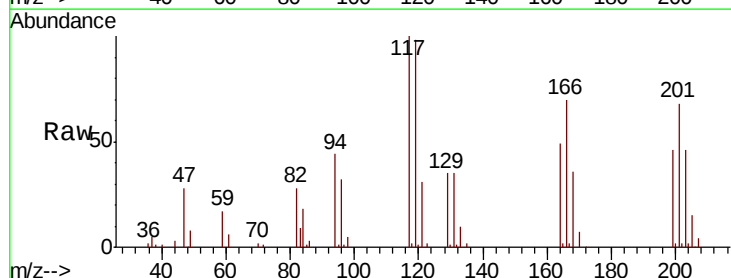
Instrument :
MSVOA_X
ClientSampled :
VX1011MBL01

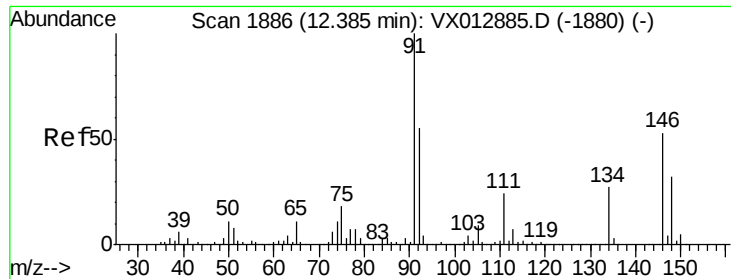
Tot Ion: 91 Resp: 71320
Ion Ratio Lower Upper
91 100
92 56.0 27.5 82.5
134 25.5 12.9 38.7



#90
Hexachloroethane
Concen: 15.905 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013012.D
Acq: 11 Oct 2019 04:58

Tgt Ion: 117 Resp: 15854
Ion Ratio Lower Upper
117 100
201 69.1 36.9 110.7

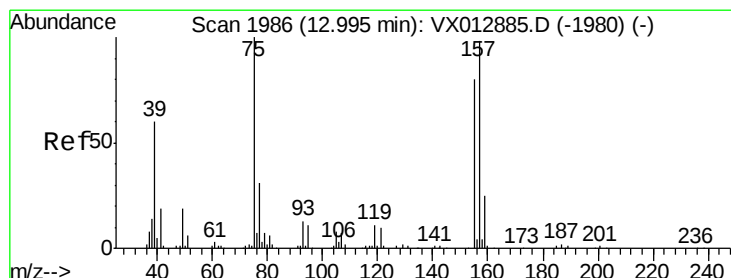
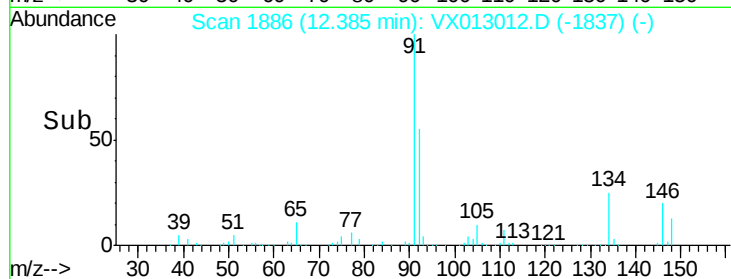
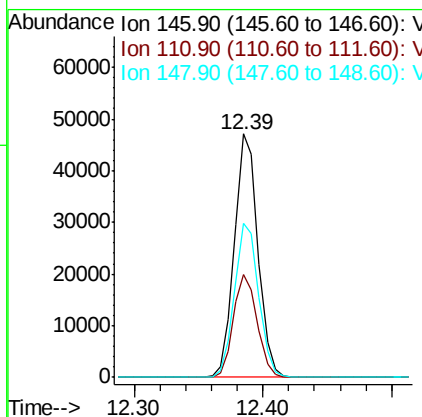
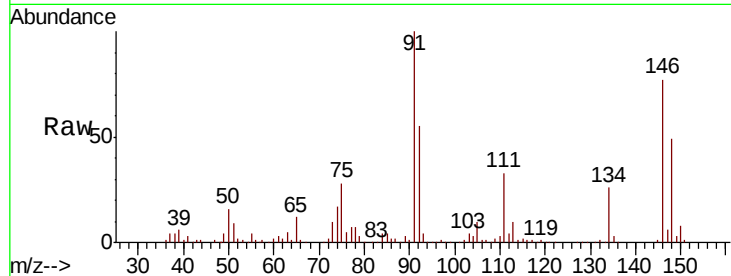




#91
 1,2-Dichlorobenzene
 Concen: 20.691 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013012.D
 Acq: 11 Oct 2019 04:58

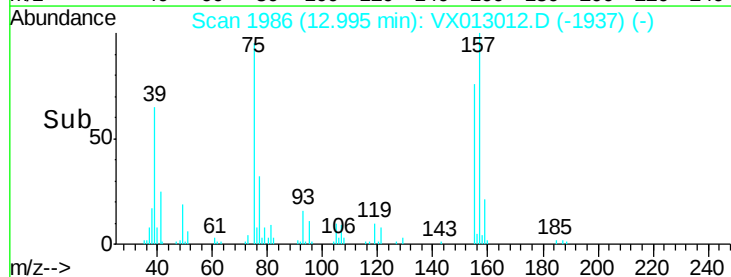
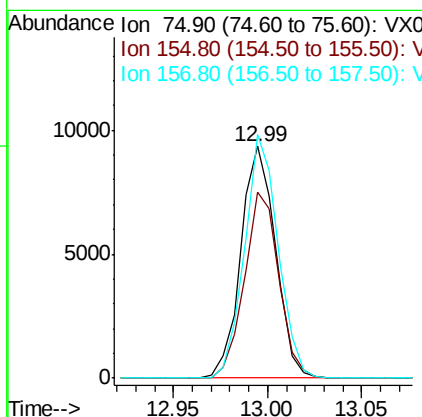
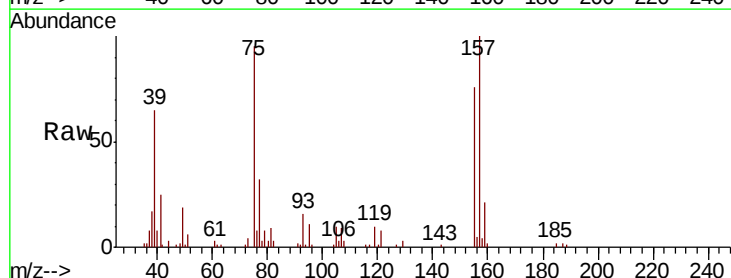
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1011MBL01

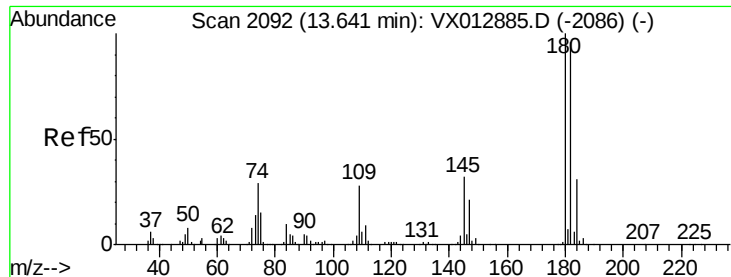
Tot Ion:146 Resp: 60305
 Ion Ratio Lower Upper
 146 100
 111 42.5 22.7 68.0
 148 64.7 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.473 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013012.D
 Acq: 11 Oct 2019 04:58

Tgt Ion: 75 Resp: 11902
 Ion Ratio Lower Upper
 75 100
 155 79.9 43.0 128.8
 157 101.5 54.1 162.3

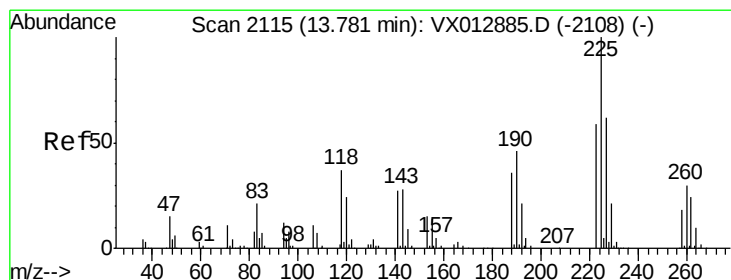
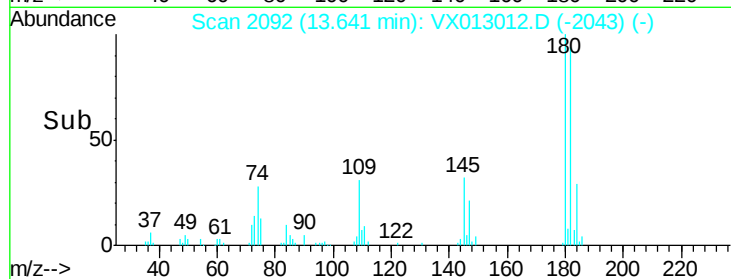
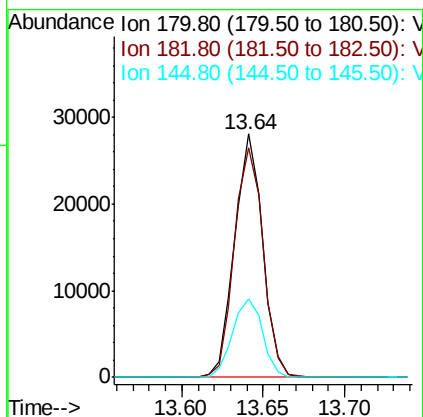
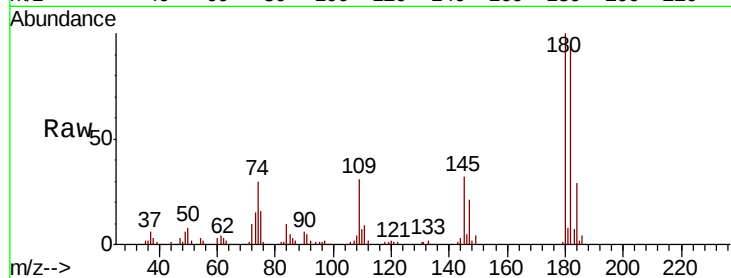




#93
 1,2,4-Trichlorobenzene
 Concen: 18.410 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013012.D
 Acq: 11 Oct 2019 04:58

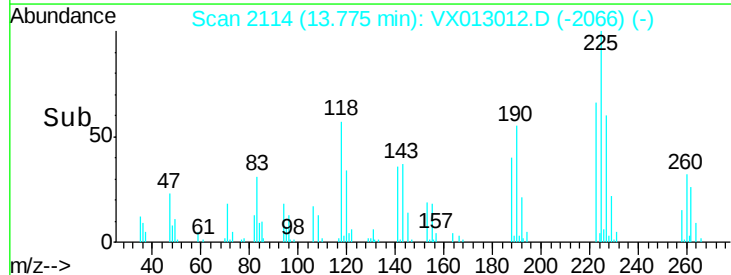
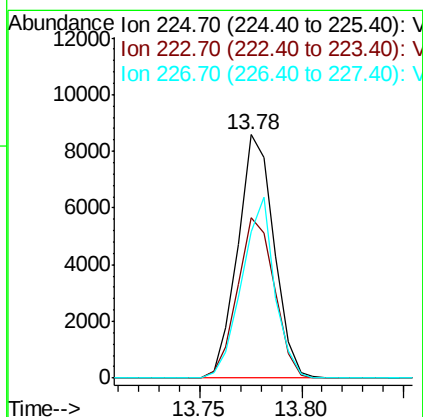
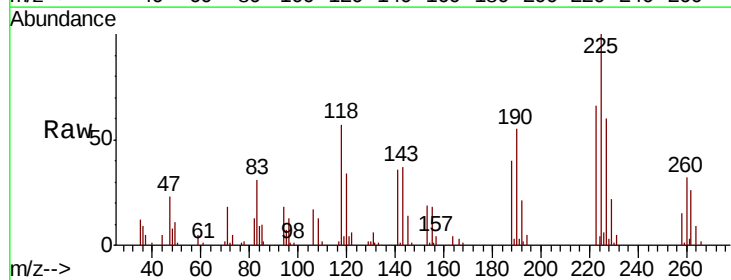
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1011MBL01

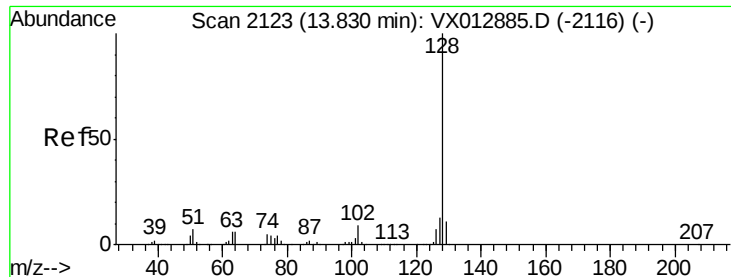
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.1	46.8	140.4
145	34.6	16.2	48.6



#94
 Hexachlorobutadiene
 Concen: 12.570 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX013012.D
 Acq: 11 Oct 2019 04:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.4	31.1	93.2
227	67.2	32.3	96.9

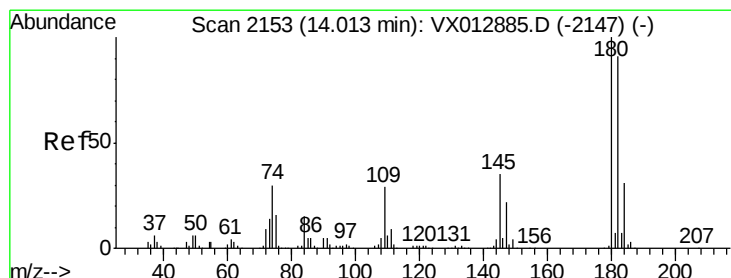
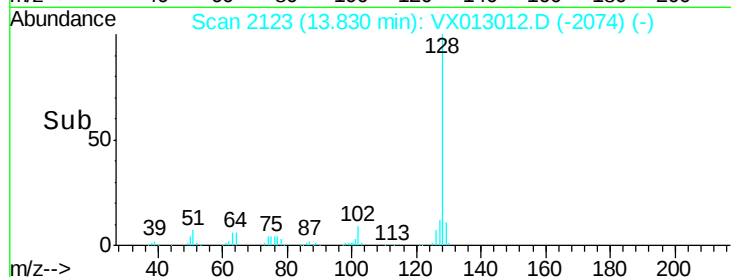
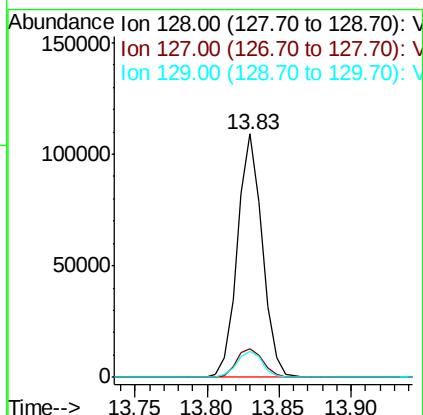
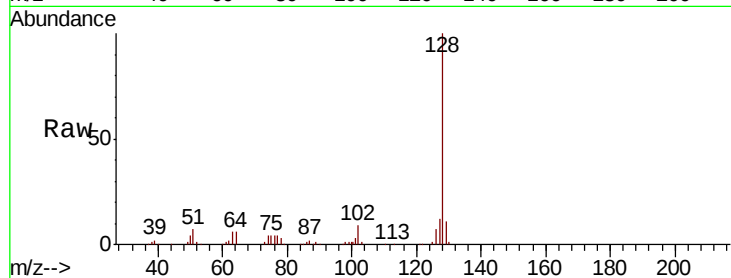




#95
Naphthalene
Concen: 20.675 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013012.D
Acq: 11 Oct 2019 04:58

Instrument :
MSVOA_X
ClientSampleId :
VX1011MBL01

Tot Ion:128 Resp: 130853
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.240 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013012.D
Acq: 11 Oct 2019 04:58

Tgt Ion:180 Resp: 36300
Ion Ratio Lower Upper
180 100
182 92.6 47.5 142.5
145 35.8 17.4 52.3

