

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100819\
 Data File : VX012887.D
 Acq On : 08 Oct 2019 13:00
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 09 01:22:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:14:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	176389	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	303097	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	277454	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	134493	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	341591	135.21	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	270.42%	
35) Dibromofluoromethane	5.48	113	272980	150.34	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	300.68%	
50) Toluene-d8	8.71	98	1041891	148.58	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	297.16%	
62) 4-Bromofluorobenzene	11.14	95	419514	152.22	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	304.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	283230	141.832	ug/l	98
3) Chloromethane	1.31	50	293798	130.290	ug/l	97
4) Vinyl Chloride	1.40	62	315260	140.129	ug/l	99
5) Bromomethane	1.62	94	122195	137.049	ug/l	97
6) Chloroethane	1.69	64	120162	79.863	ug/l	100
7) Trichlorofluoromethane	1.91	101	423743	134.410	ug/l	99
8) Diethyl Ether	2.18	74	169268	131.577	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	271610	140.671	ug/l	99
10) Methyl Iodide	2.49	142	319478	174.136	ug/l	100
11) Tert butyl alcohol	3.06	59	452174	716.634	ug/l	100
12) 1,1-Dichloroethene	2.36	96	274615	145.311	ug/l	94
13) Acrolein	2.28	56	321454	923.940	ug/l	100
14) Allyl chloride	2.71	41	505441	136.315	ug/l	99
15) Acrylonitrile	3.14	53	871975	679.285	ug/l	100
16) Acetone	2.44	43	828546	619.083	ug/l	100
17) Carbon Disulfide	2.55	76	784000	147.714	ug/l	99
18) Methyl Acetate	2.76	43	413874	130.868	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	979352	138.049	ug/l	98
20) Methylene Chloride	2.84	84	311770	135.968	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	296154	141.660	ug/l	99
22) Diisopropyl ether	3.85	45	942790	131.515	ug/l	96
23) Vinyl Acetate	3.81	43	4211340	672.108	ug/l	100
24) 1,1-Dichloroethane	3.69	63	539651	138.186	ug/l	99
25) 2-Butanone	4.67	43	1261853	658.944	ug/l	99
26) 2,2-Dichloropropane	4.57	77	455174	131.712	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	338484	139.588	ug/l	100
28) Bromochloromethane	5.00	49	152058	109.767	ug/l	99
29) Tetrahydrofuran	5.12	42	784224	670.814	ug/l	99
30) Chloroform	5.20	83	532703	133.006	ug/l	99
31) Cyclohexane	5.56	56	492426	138.940	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	484076	137.097	ug/l	99
36) 1,1-Dichloropropene	5.79	75	415759	141.568	ug/l	99
37) Ethyl Acetate	4.83	43	469089	138.349	ug/l	99
38) Carbon Tetrachloride	5.78	117	420675	142.317	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	511652	144.149	ug/l	99
40) Benzene	6.14	78	1225157	142.164	ug/l	98
41) Methacrylonitrile	5.03	41	259360	136.876	ug/l	98
42) 1,2-Dichloroethane	6.18	62	434883	134.061	ug/l	99
43) Isopropyl Acetate	6.43	43	774713	136.928	ug/l	99
44) Trichloroethene	7.20	130	321084	144.715	ug/l	94
45) 1,2-Dichloropropane	7.51	63	312000	141.425	ug/l	100
46) Dibromomethane	7.65	93	210889	140.602	ug/l	98
47) Bromodichloromethane	7.89	83	434699	145.733	ug/l	99
48) Methyl methacrylate	7.76	41	381471	140.764	ug/l	99
49) 1,4-Dioxane	7.74	88	192773	3095.224	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2393075	685.132	ug/l	100
52) Toluene	8.78	92	781075	144.277	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	503998	152.567	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	533126	147.598	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	312081	145.026	ug/l	99
56) Ethyl methacrylate	9.17	69	550467	152.679	ug/l	99
57) 1,3-Dichloropropane	9.37	76	535080	142.169	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1164334	724.099	ug/l	99
59) 2-Hexanone	9.49	43	1844017	691.138	ug/l	99
60) Dibromochloromethane	9.58	129	339740	155.816	ug/l	99
61) 1,2-Dibromoethane	9.67	107	333968	149.109	ug/l	100
64) Tetrachloroethene	9.33	164	270307	137.799	ug/l	93
65) Chlorobenzene	10.14	112	834140	142.403	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	312036	147.066	ug/l	99
67) Ethyl Benzene	10.25	91	1515477	142.700	ug/l	97
68) m/p-Xylenes	10.35	106	1139464	286.662	ug/l	100
69) o-Xylene	10.70	106	559636	145.285	ug/l	98
70) Styrene	10.71	104	994973	153.936	ug/l	100
71) Bromoform	10.85	173	256350	172.484	ug/l	100
73) Isopropylbenzene	11.01	105	1470049	134.112	ug/l	100
74) N-amyl acetate	10.89	43	696744	135.459	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	485267	134.457	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	590150	171.528	ug/l	79
77) Bromobenzene	11.25	156	350691	140.850	ug/l	100
78) n-propylbenzene	11.35	91	1696951	138.232	ug/l	99
79) 2-Chlorotoluene	11.42	91	1027536	133.874	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1272279	138.504	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	184501	151.032	ug/l	96
82) 4-Chlorotoluene	11.51	91	1176797	134.404	ug/l	99
83) tert-Butylbenzene	11.77	119	1243763	139.787	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1309806	141.059	ug/l	100
85) sec-Butylbenzene	11.94	105	1415873	136.907	ug/l	99
86) p-Isopropyltoluene	12.06	119	1375121	147.485	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	653806	145.378	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	654267	144.524	ug/l	99
89) n-Butylbenzene	12.38	91	1153301	140.972	ug/l	98
90) Hexachloroethane	12.59	117	248509	150.381	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	618454	137.962	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	124147	138.651	ug/l	99

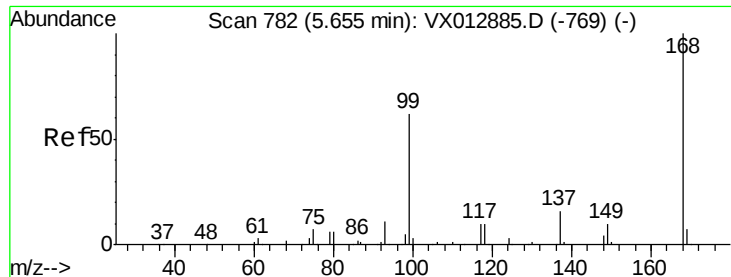
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	420156	152.610	ug/l	99
94) Hexachlorobutadiene	13.77	225	185127	154.913	ug/l	99
95) Naphthalene	13.83	128	1440213	146.050	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	412955	150.056	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

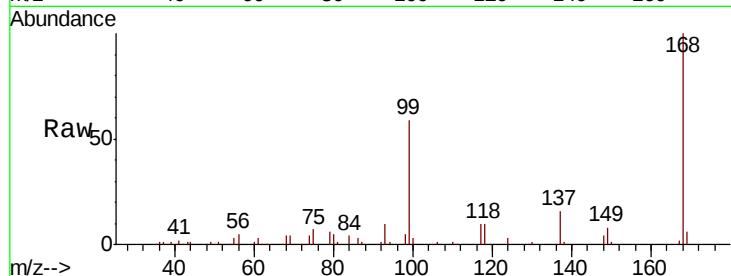
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 176389

Ion Ratio Lower Upper

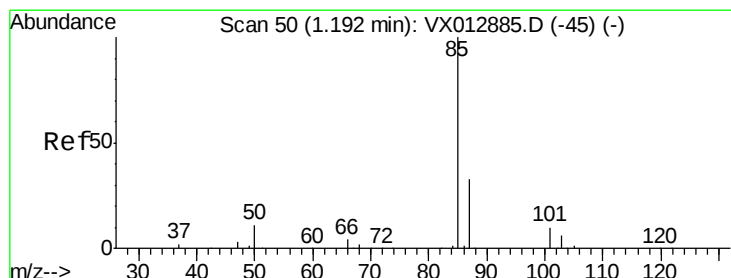
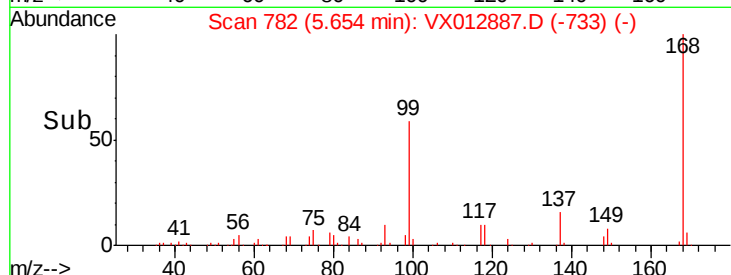
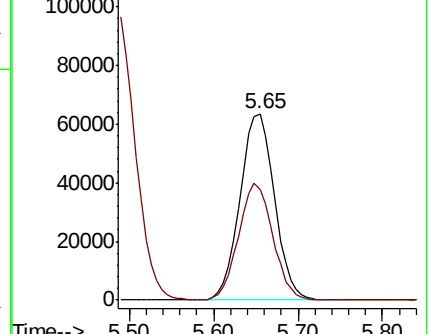
168 100

99 59.2 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: 141.832 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX012887.D

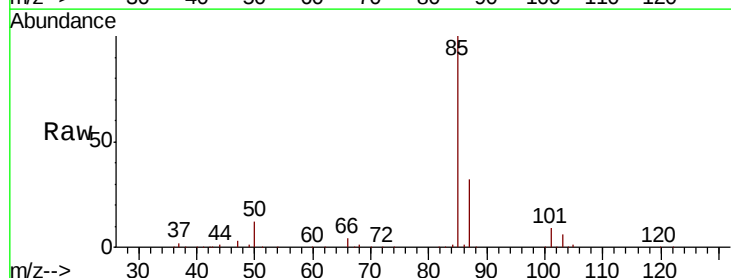
Acq: 08 Oct 2019 13:00

Tgt Ion: 85 Resp: 283230

Ion Ratio Lower Upper

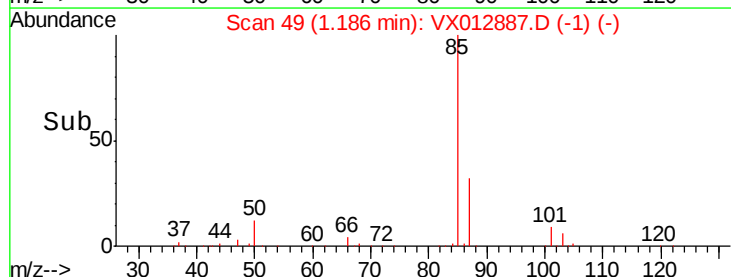
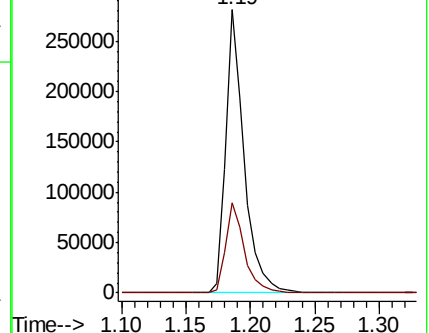
85 100

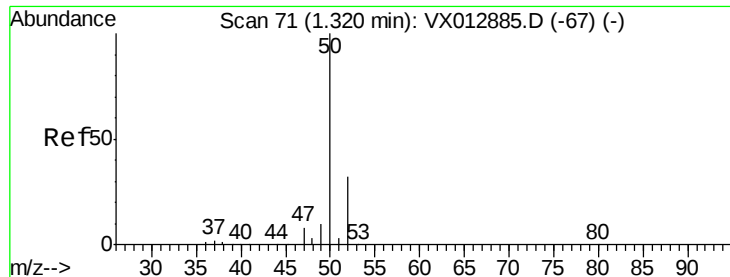
87 32.0 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 130.290 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Instrument :

MSVOA_X

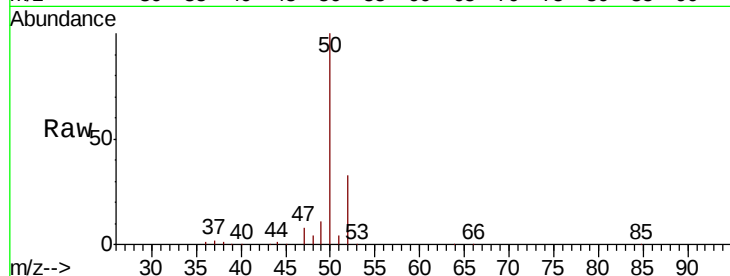
ClientSampleId :

Tot Ion: 50 Resp: 293798

Ion Ratio Lower Upper

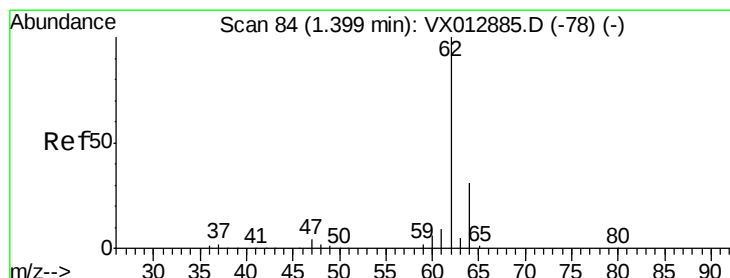
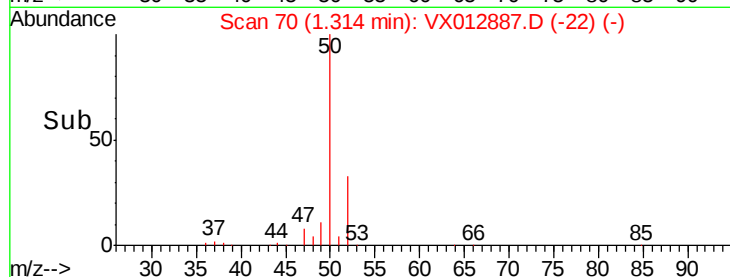
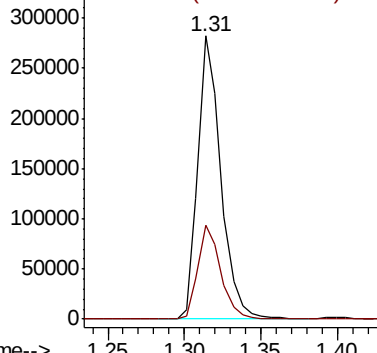
50 100

52 33.4 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 140.129 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012887.D

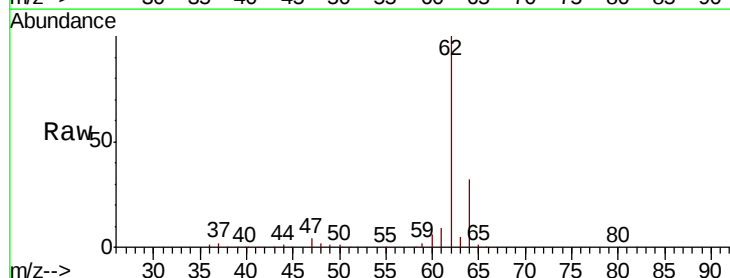
Acq: 08 Oct 2019 13:00

Tgt Ion: 62 Resp: 315260

Ion Ratio Lower Upper

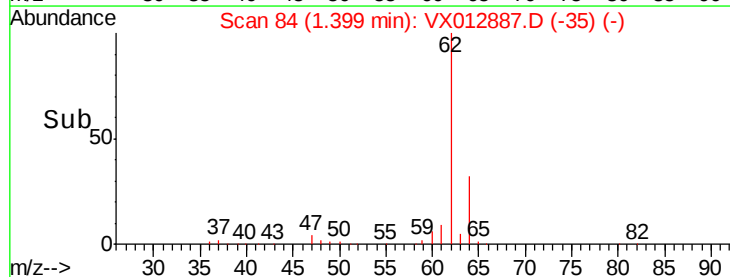
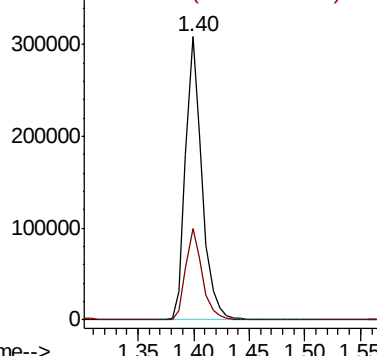
62 100

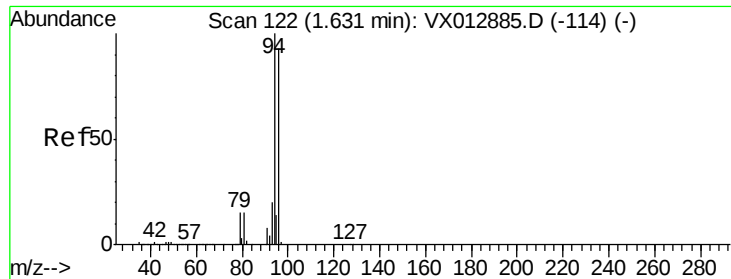
64 32.4 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 137.049 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Instrument :

MSVOA_X

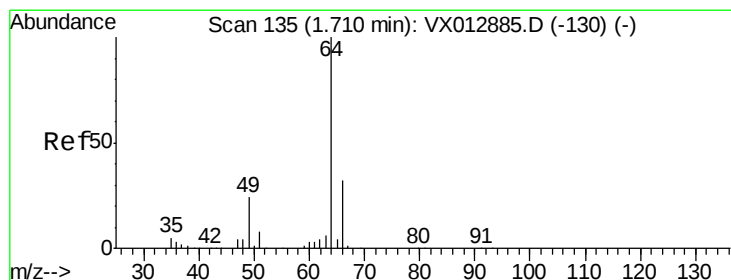
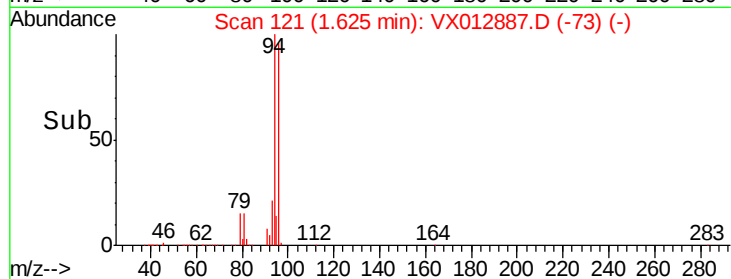
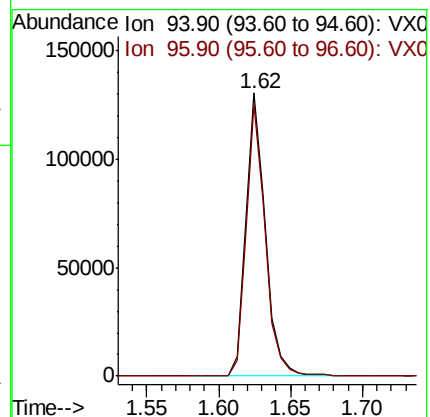
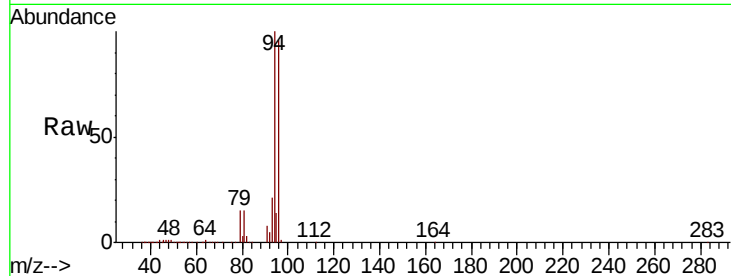
ClientSampled :

Tot Ion: 94 Resp: 122195

Ion Ratio Lower Upper

94 100

96 96.0 74.7 112.1



#6

Chloroethane

Concen: 79.863 ug/l

RT: 1.69 min Scan# 132

Delta R.T. -0.02 min

Lab File: VX012887.D

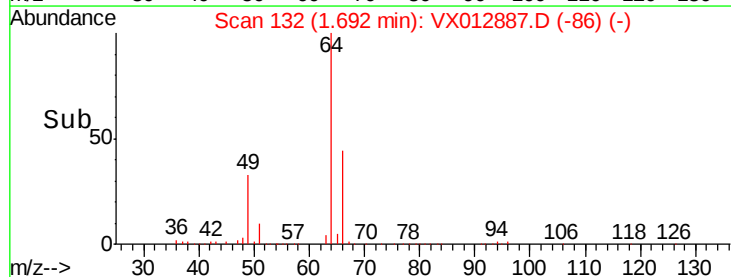
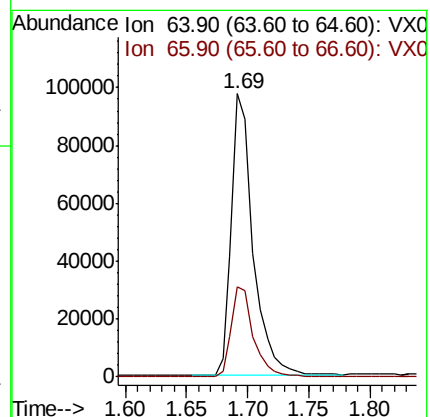
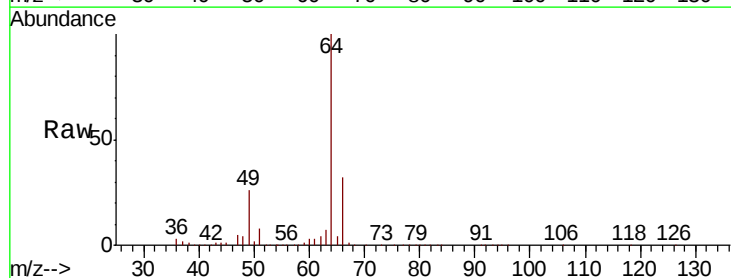
Acq: 08 Oct 2019 13:00

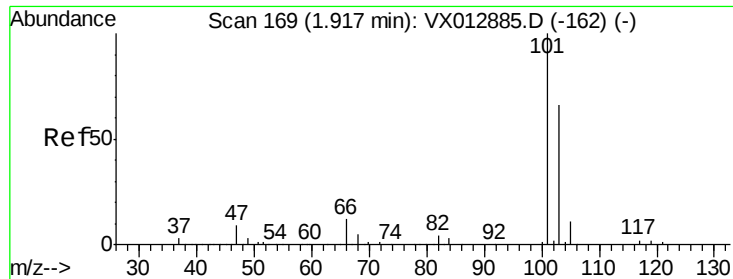
Tgt Ion: 64 Resp: 120162

Ion Ratio Lower Upper

64 100

66 32.0 25.6 38.4



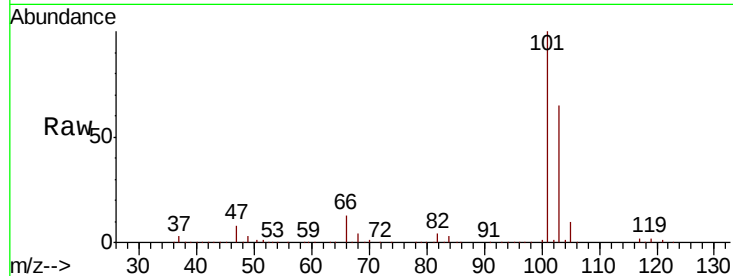


#7

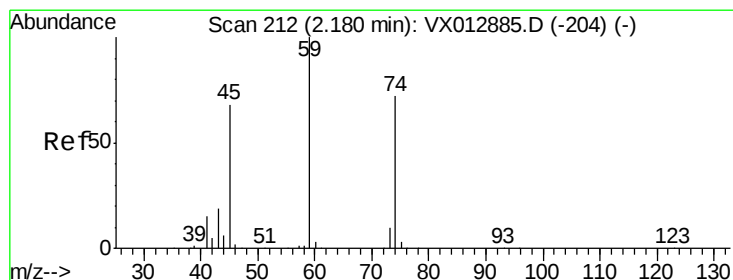
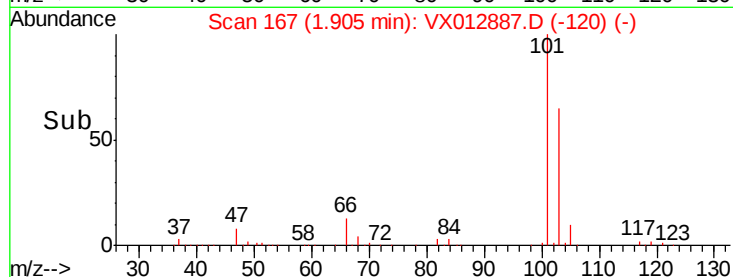
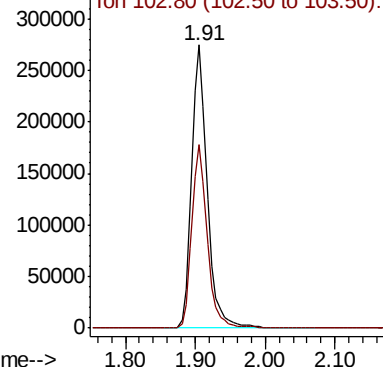
Trichlorofluoromethane
Concen: 134.410 ug/l
RT: 1.91 min Scan# 167
Delta R.T. -0.01 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:101 Resp: 423743
Ion Ratio Lower Upper
101 100
103 65.1 52.5 78.7



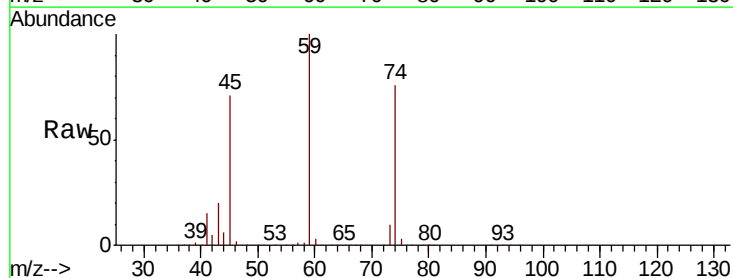
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



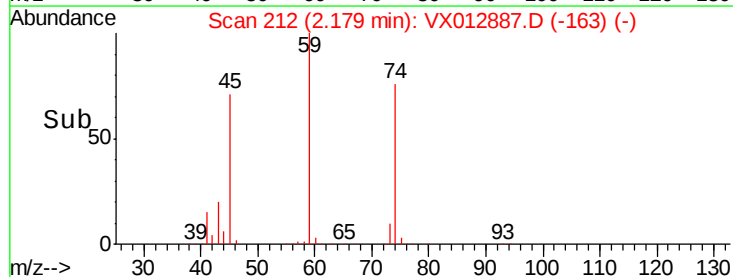
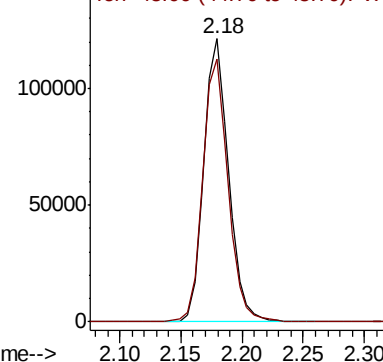
#8

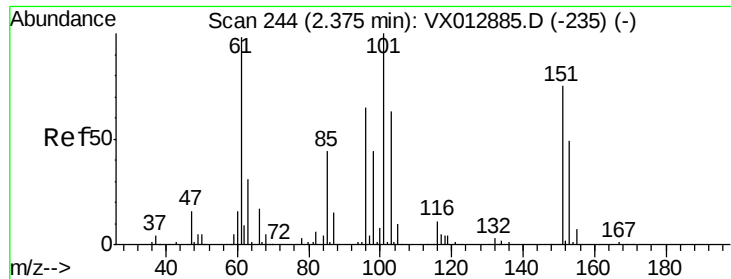
Diethyl Ether
Concen: 131.577 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

Tgt Ion: 74 Resp: 169268
Ion Ratio Lower Upper
74 100
45 94.6 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: 140.671 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

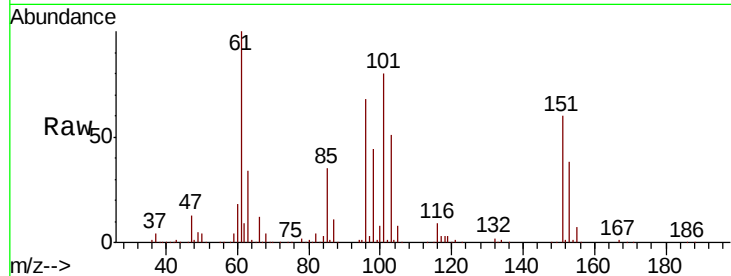
Tot Ion:101 Resp: 271610

Ion Ratio Lower Upper

101 100

85 43.2 35.2 52.8

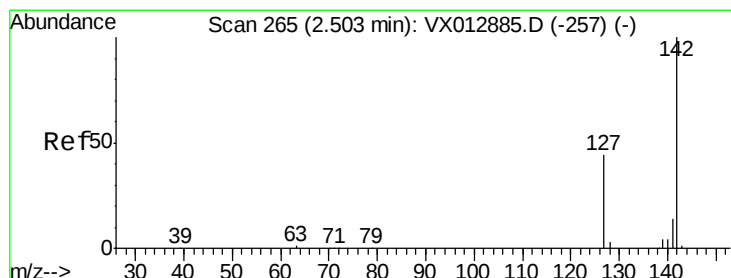
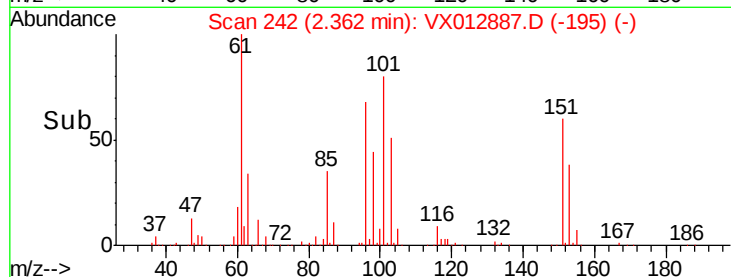
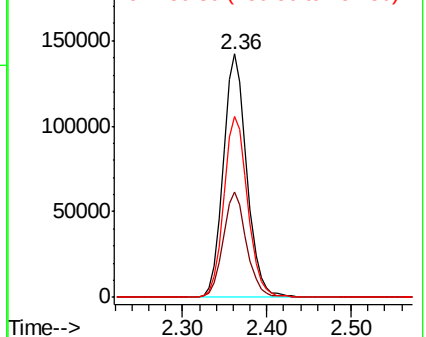
151 75.3 60.3 90.5



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: 174.136 ug/l

RT: 2.49 min Scan# 263

Delta R.T. -0.01 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

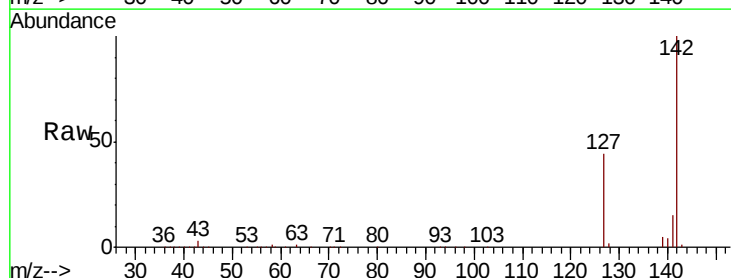
Tgt Ion:142 Resp: 319478

Ion Ratio Lower Upper

142 100

127 43.8 34.9 52.3

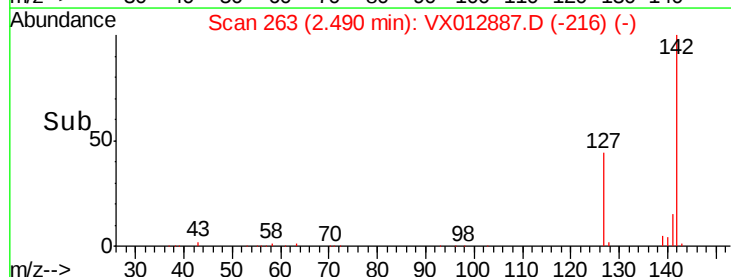
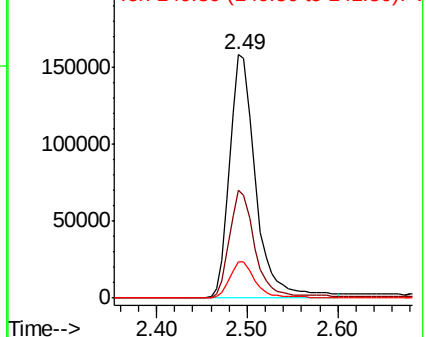
141 14.9 11.6 17.4

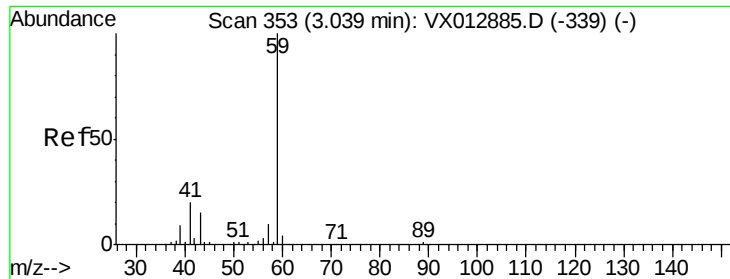


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



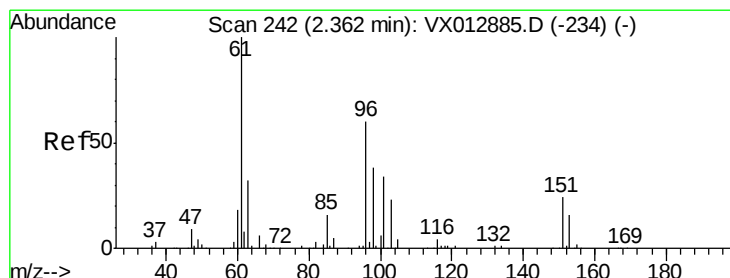
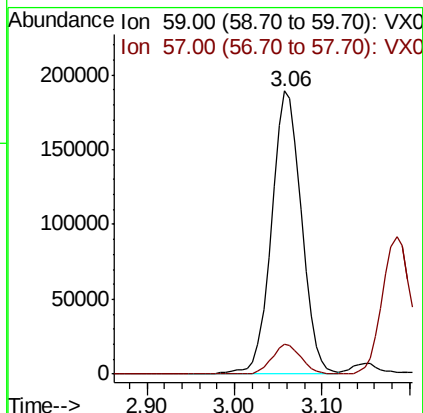
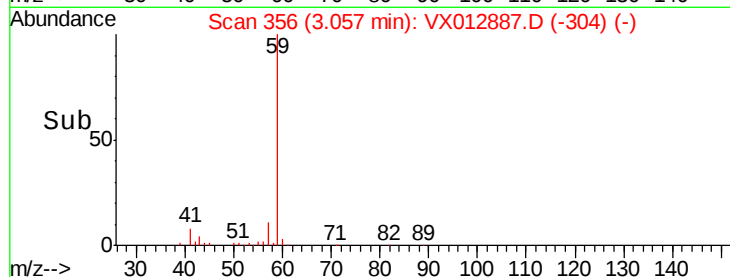
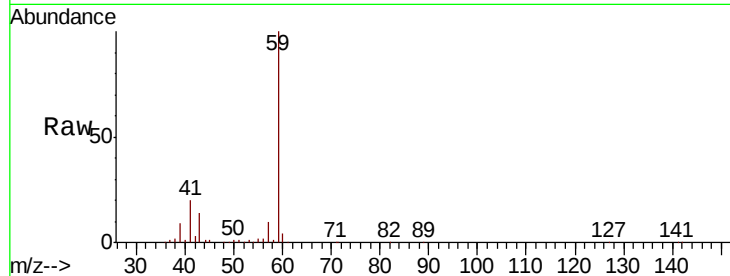


#11

Tert butyl alcohol
Concen: 716.634 ug/l
RT: 3.06 min Scan# 356
Delta R.T. 0.02 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

Instrument :
MSVOA_X
ClientSampled :

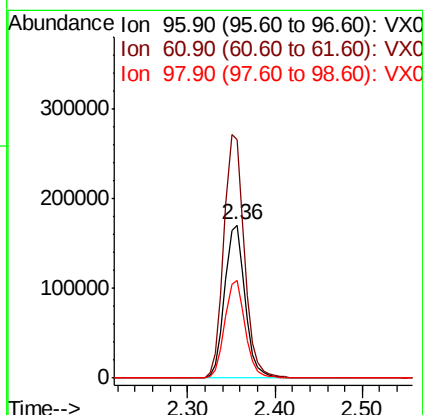
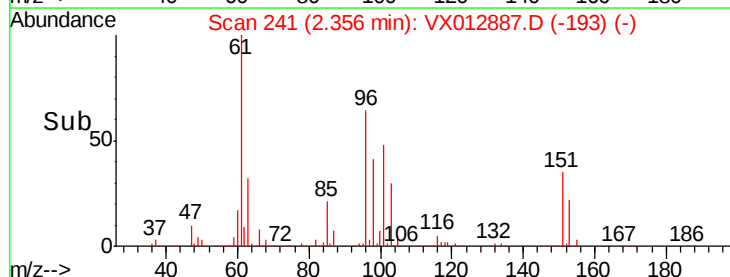
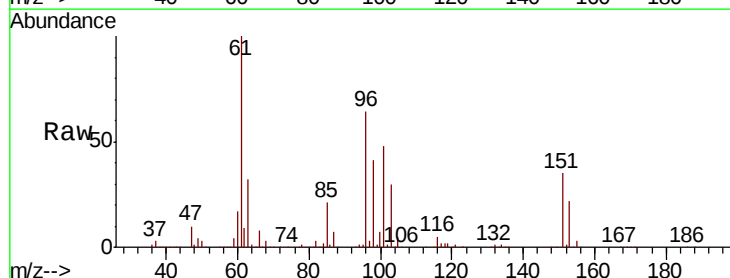
Tot Ion: 59 Resp: 452174
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

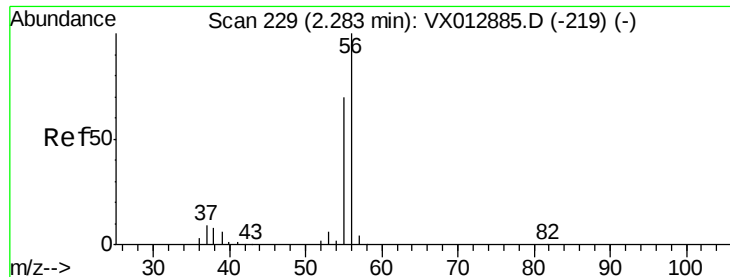


#12

1,1-Dichloroethene
Concen: 145.311 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.01 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

Tgt Ion: 96 Resp: 274615
Ion Ratio Lower Upper
96 100
61 155.3 132.2 198.4
98 63.6 50.5 75.7





#13

Acrolein

Concen: 923.940 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Instrument :

MSVOA_X

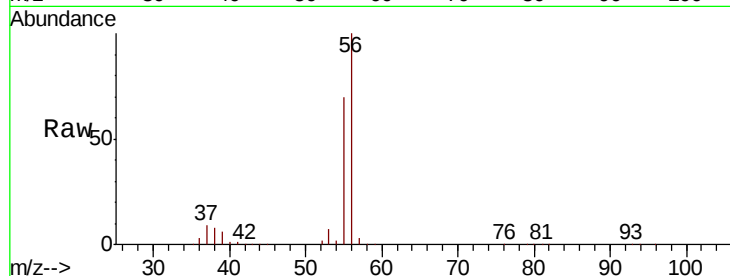
ClientSampled :

Tot Ion: 56 Resp: 321454

Ion Ratio Lower Upper

56 100

55 70.6 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

200000

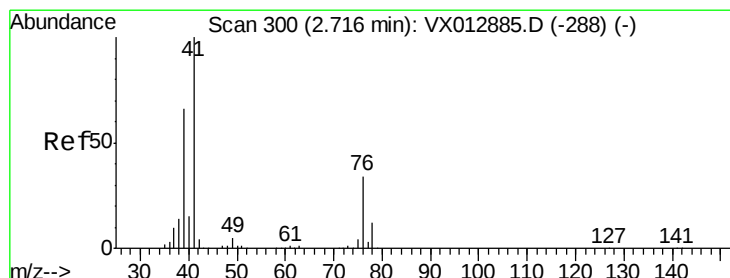
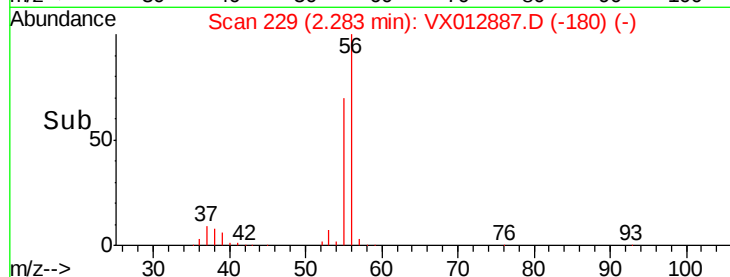
150000

100000

50000

0

Time-->



#14

Allyl chloride

Concen: 136.315 ug/l

RT: 2.71 min Scan# 299

Delta R.T. -0.01 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

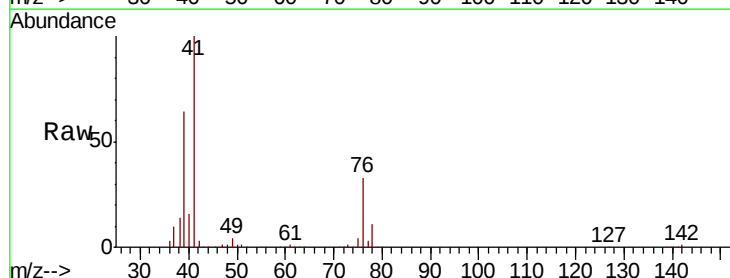
Tgt Ion: 41 Resp: 505441

Ion Ratio Lower Upper

41 100

39 62.2 51.0 76.6

76 33.0 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

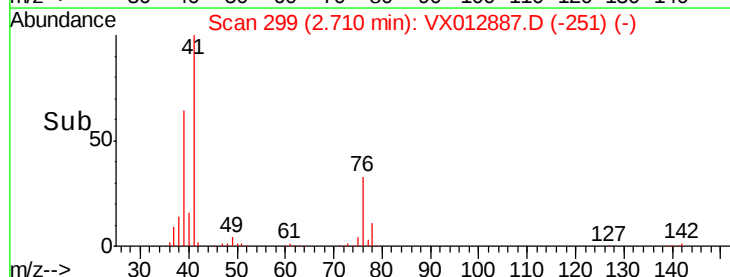
300000

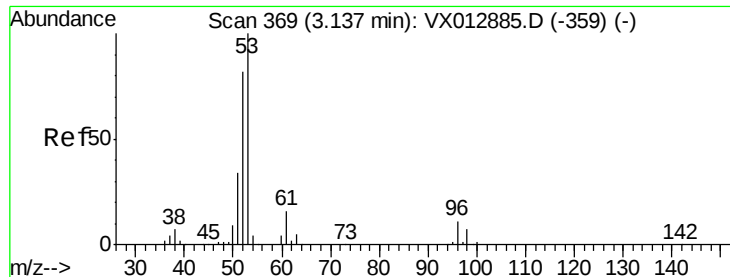
200000

100000

0

Time-->





#15

Acrylonitrile

Concen: 679.285 ug/l

RT: 3.14 min Scan# 369

Delta R.T. -0.00 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Instrument :

MSVOA_X

ClientSampled :

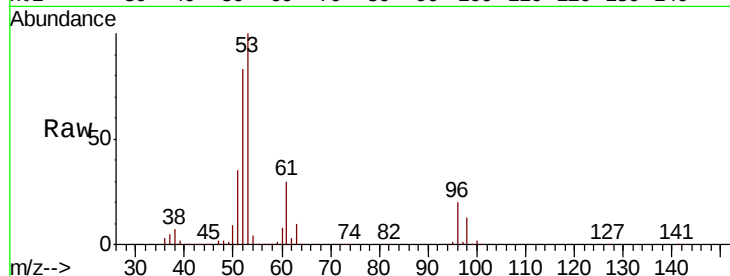
Tot Ion: 53 Resp: 871975

Ion Ratio Lower Upper

53 100

52 82.9 66.2 99.2

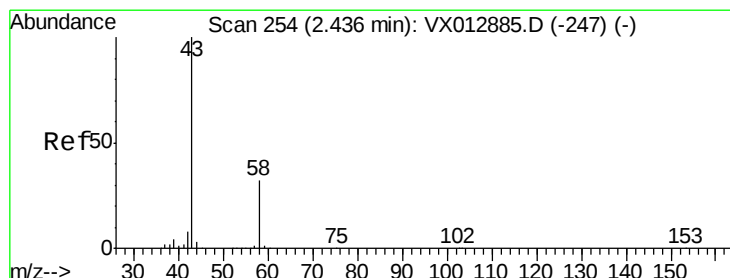
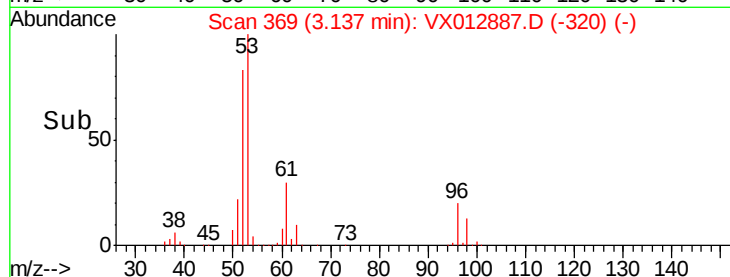
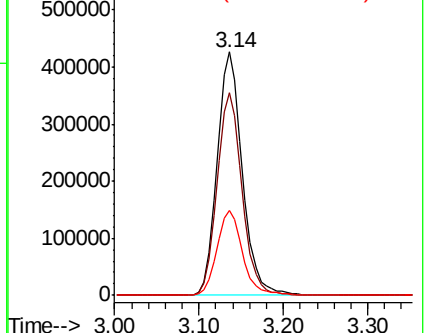
51 35.4 28.2 42.4



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: 619.083 ug/l

RT: 2.44 min Scan# 255

Delta R.T. 0.01 min

Lab File: VX012887.D

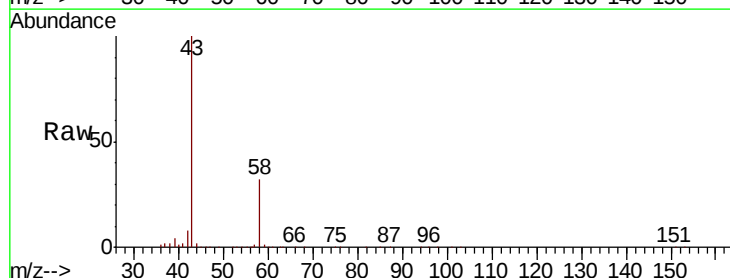
Acq: 08 Oct 2019 13:00

Tgt Ion: 43 Resp: 828546

Ion Ratio Lower Upper

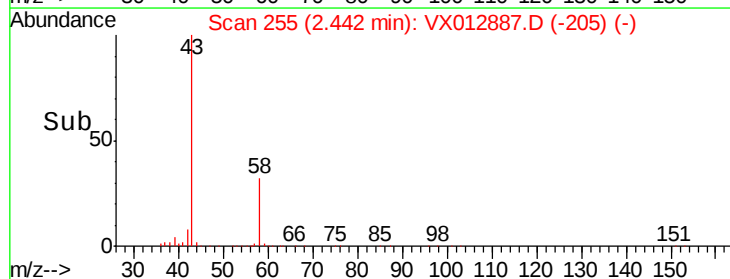
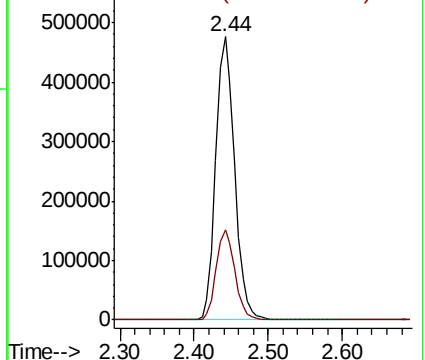
43 100

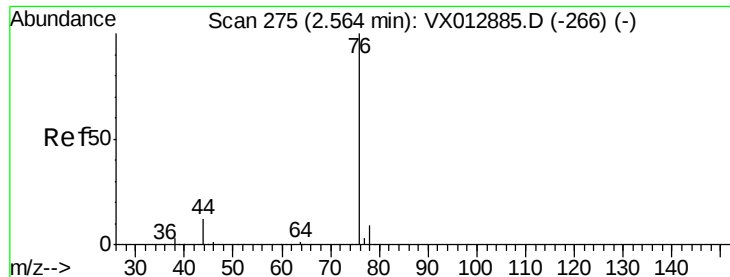
58 31.7 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

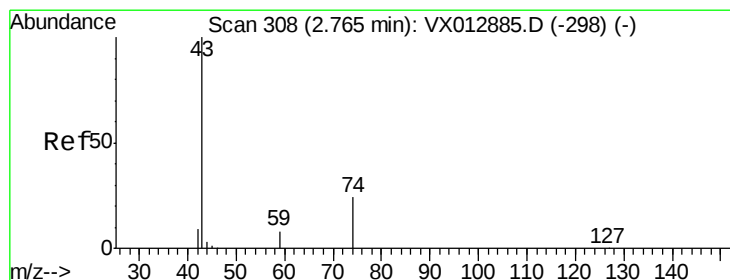
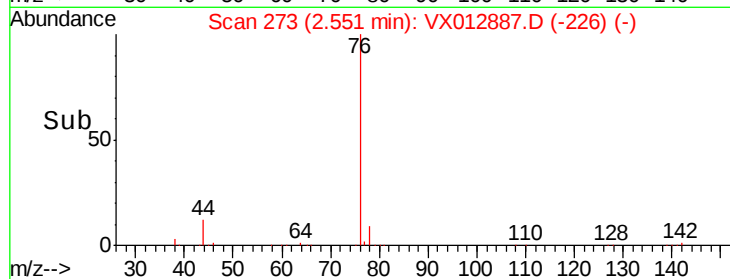
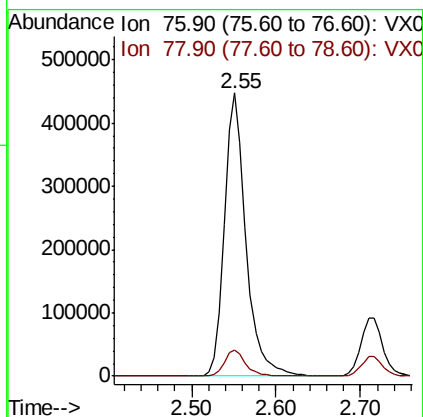
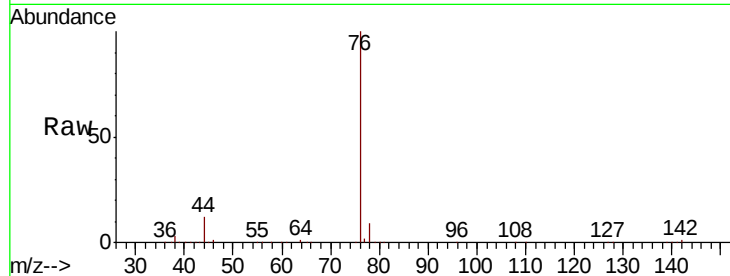




#17
Carbon Disulfide
Concen: 147.714 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.01 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

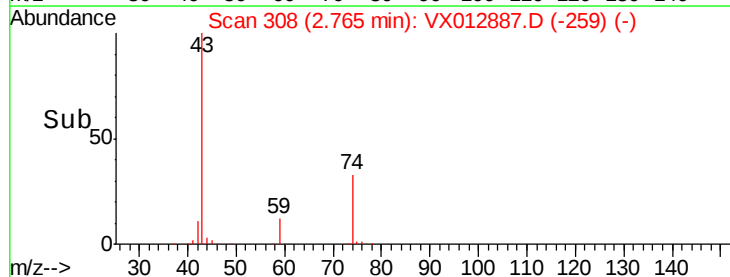
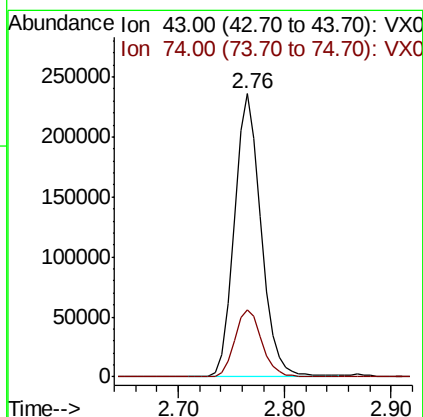
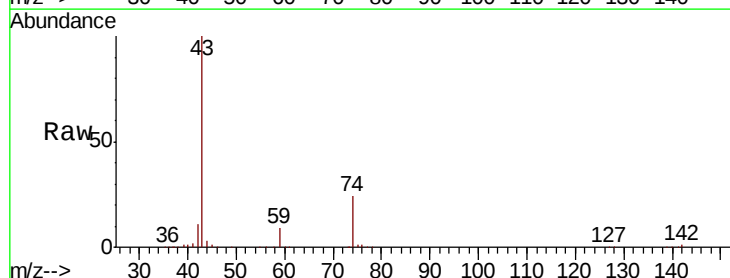
Instrument :
MSVOA_X
ClientSampleId :

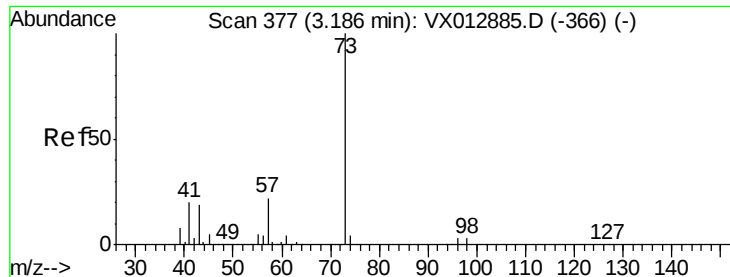
Tot Ion: 76 Resp: 784000
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#18
Methyl Acetate
Concen: 130.868 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

Tgt Ion: 43 Resp: 413874
Ion Ratio Lower Upper
43 100
74 24.4 19.2 28.8

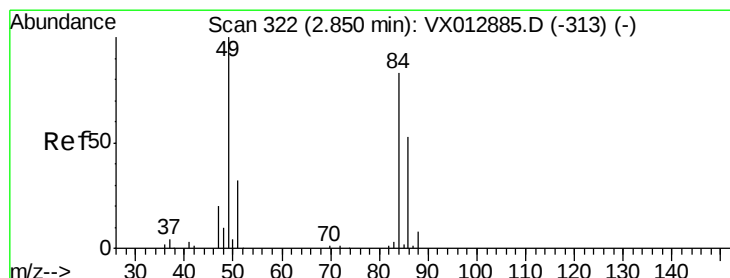
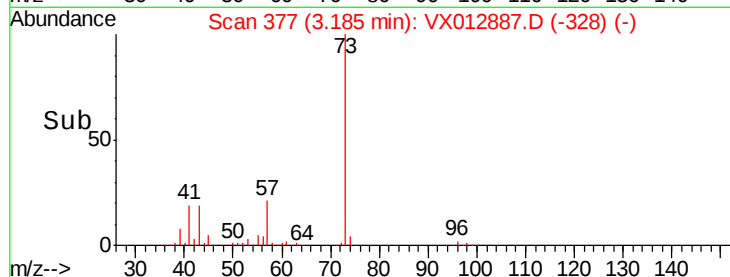
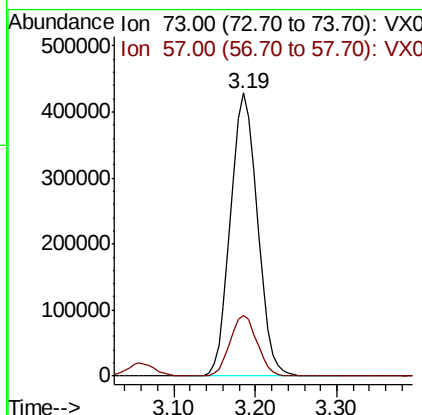
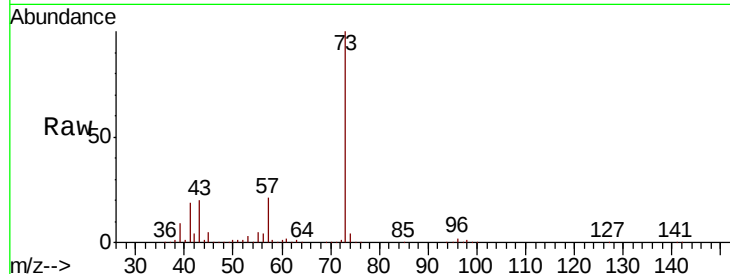




#19
Methyl tert-butyl Ether
Concen: 138.049 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

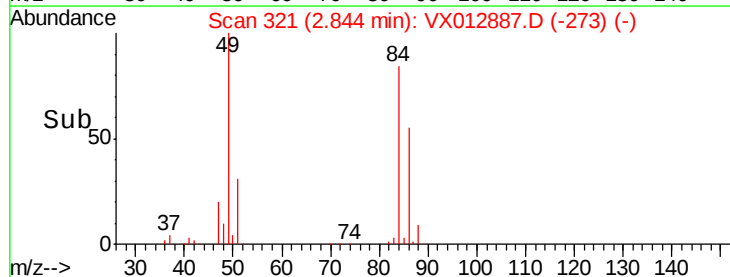
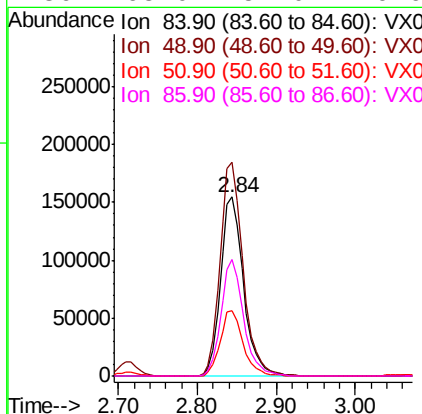
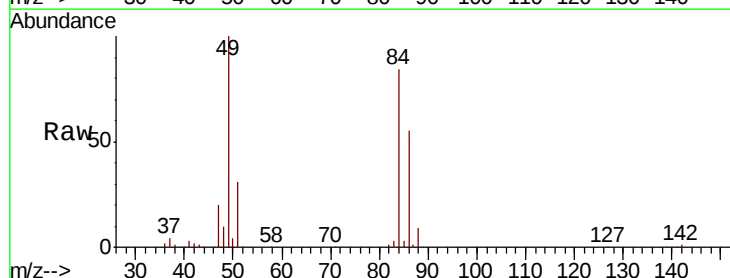
Instrument :
MSVOA_X
ClientSampleId :

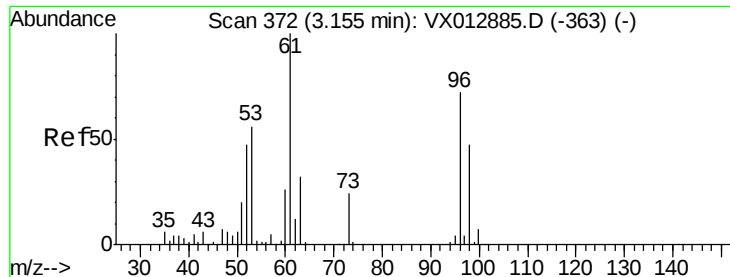
Tot Ion: 73 Resp: 979352
Ion Ratio Lower Upper
73 100
57 21.3 17.8 26.6



#20
Methylene Chloride
Concen: 135.968 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

Tgt Ion: 84 Resp: 311770
Ion Ratio Lower Upper
84 100
49 119.3 96.6 144.8
51 36.8 30.7 46.1
86 65.0 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 141.660 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.01 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

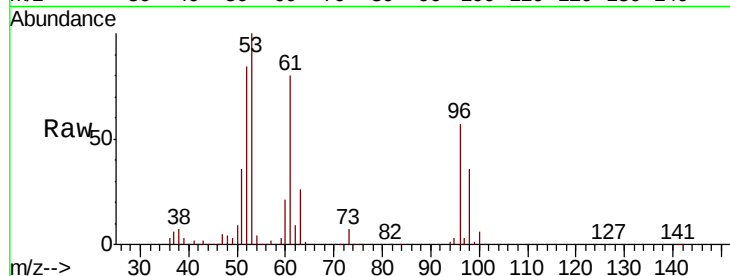
Tot Ion: 96 Resp: 296154

Ion Ratio Lower Upper

96 100

61 138.9 110.4 165.6

98 63.1 51.5 77.3

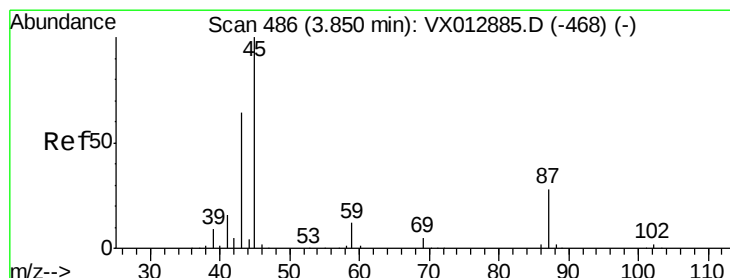
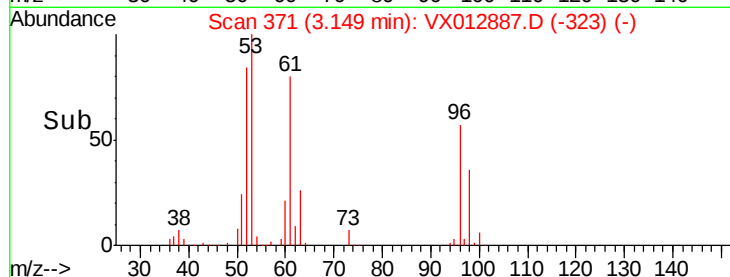
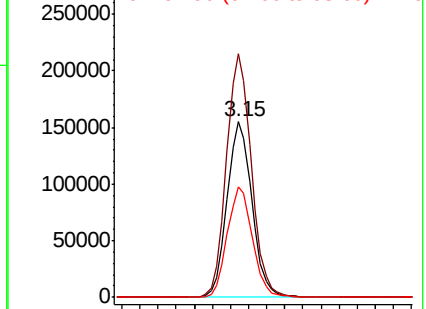


Abundance

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: 131.515 ug/l

RT: 3.85 min Scan# 486

Delta R.T. -0.00 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Tgt Ion: 45 Resp: 942790

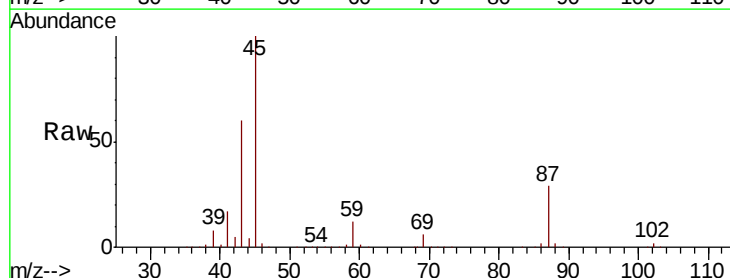
Ion Ratio Lower Upper

45 100

43 59.8 51.4 77.0

87 28.7 22.5 33.7

59 12.0 9.7 14.5



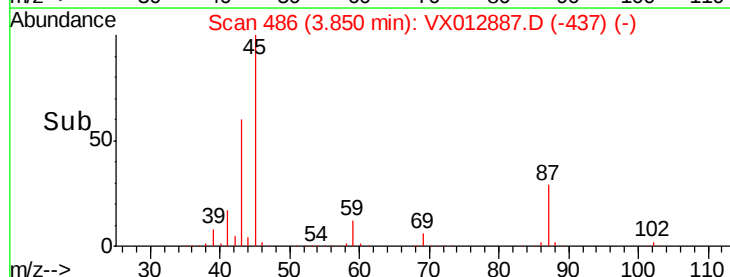
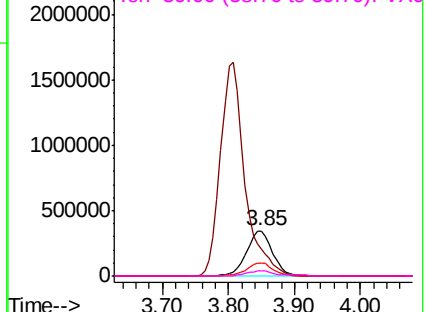
Abundance

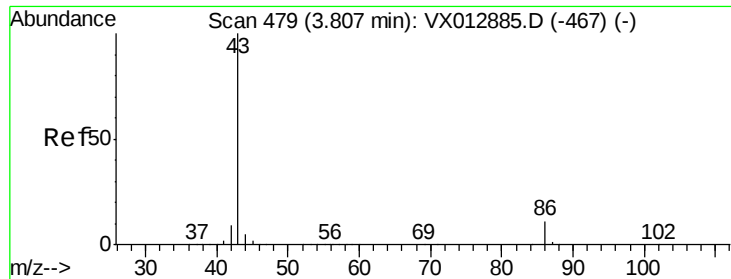
Ion 45.00 (44.70 to 45.70): VX0

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

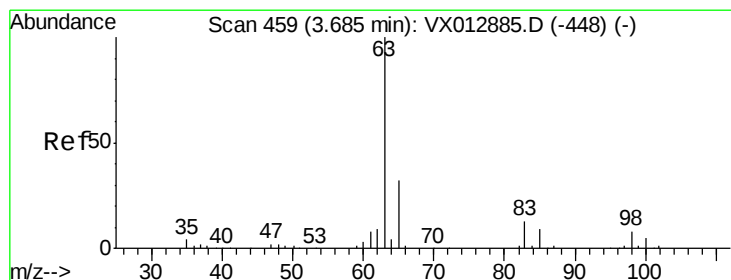
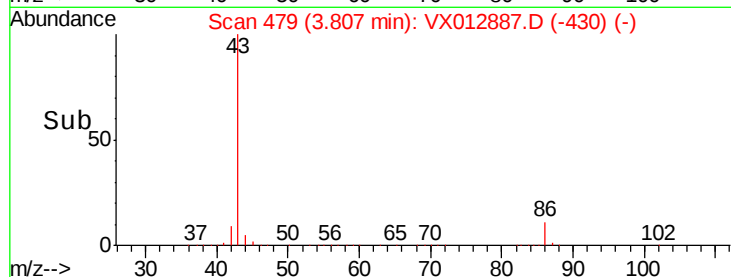
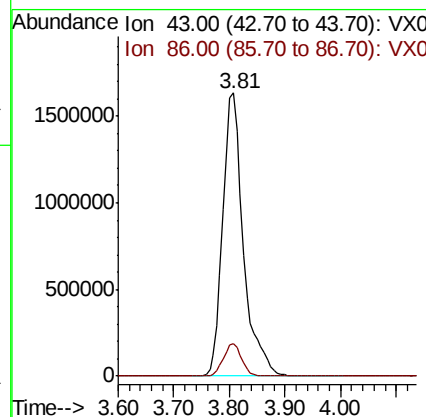
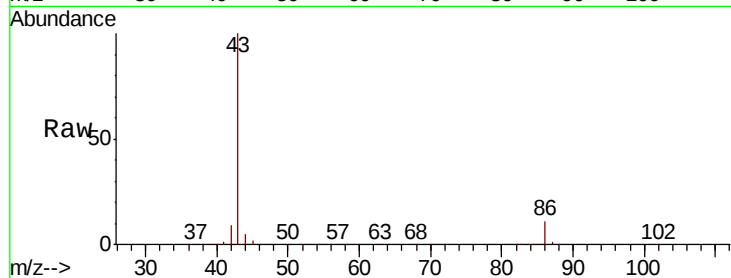




#23
 Vinyl Acetate
 Concen: 672.108 ug/l
 RT: 3.81 min Scan# 479
 Delta R.T. -0.00 min
 Lab File: VX012887.D
 Acq: 08 Oct 2019 13:00

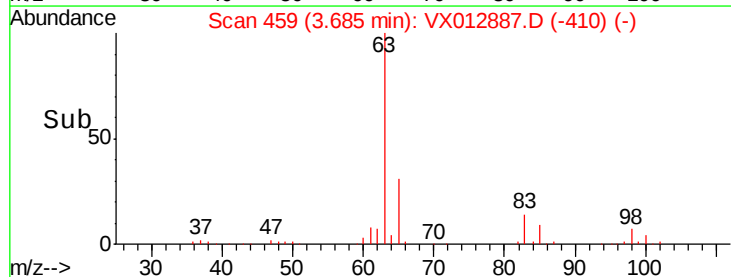
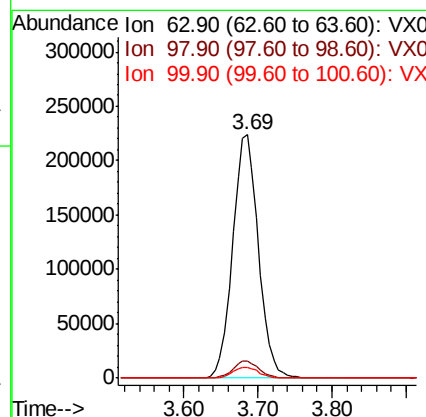
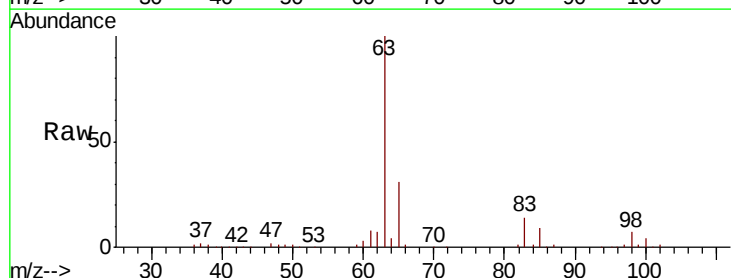
Instrument :
 MSVOA_X
 ClientSampleId :

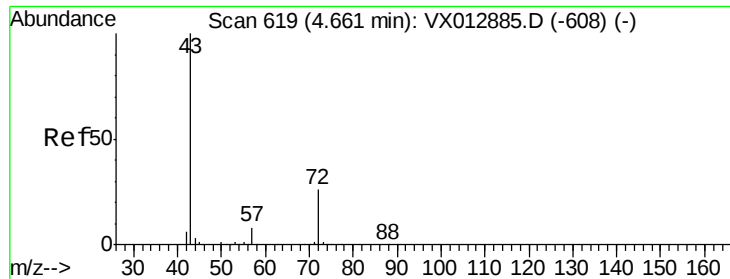
Tot Ion: 43 Resp: 4211340
 Ion Ratio Lower Upper
 43 100
 86 11.3 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 138.186 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: VX012887.D
 Acq: 08 Oct 2019 13:00

Tgt Ion: 63 Resp: 539651
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.5
 100 4.4 2.3 6.9





#25

2-Butanone

Concen: 658.944 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.01 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Instrument :

MSVOA_X

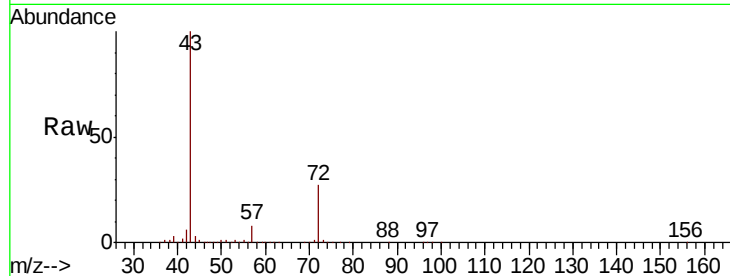
ClientSampleId :

Tot Ion: 43 Resp: 1261853

Ion Ratio Lower Upper

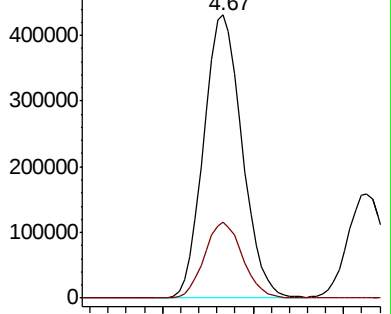
43 100

72 26.6 21.0 31.6

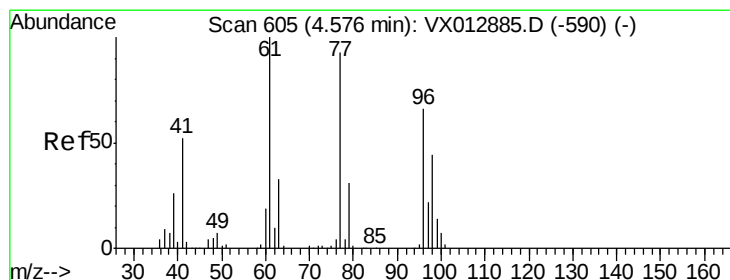
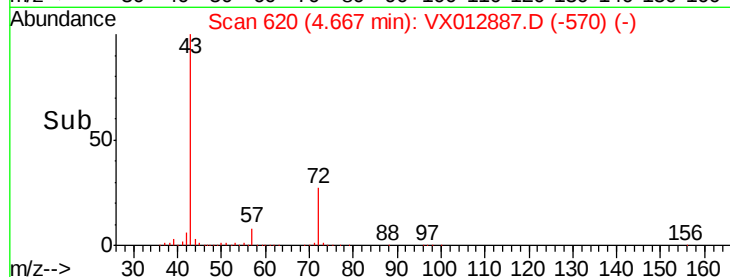


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#26

2,2-Dichloropropane

Concen: 131.712 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX012887.D

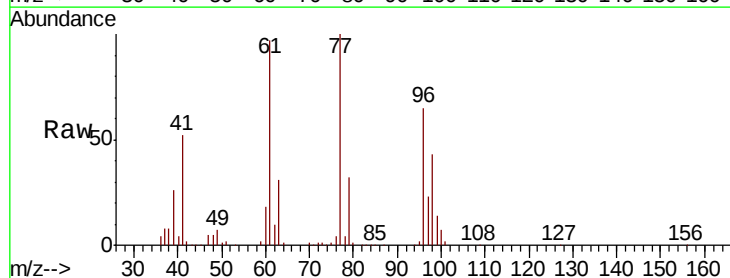
Acq: 08 Oct 2019 13:00

Tgt Ion: 77 Resp: 455174

Ion Ratio Lower Upper

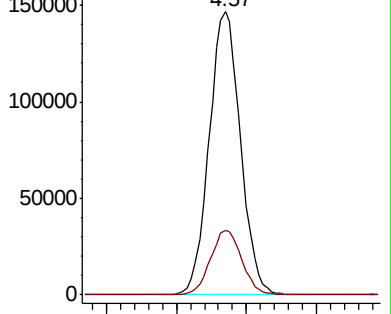
77 100

97 22.8 11.3 33.9

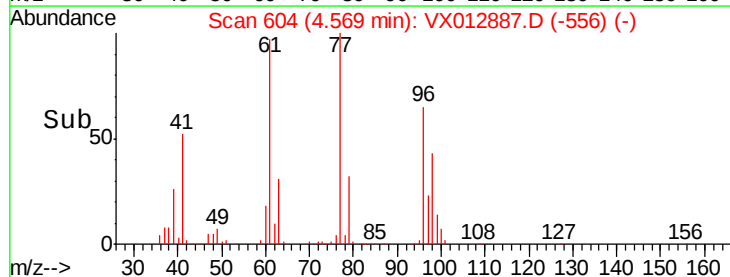


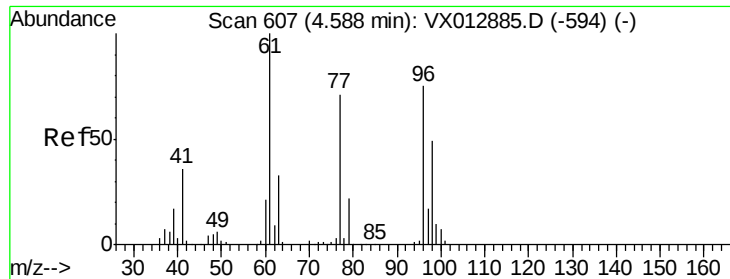
Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



Time-->



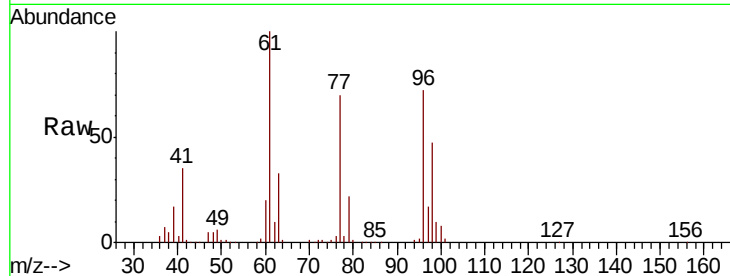


#27

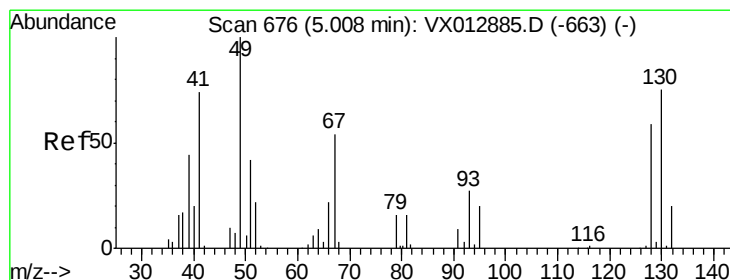
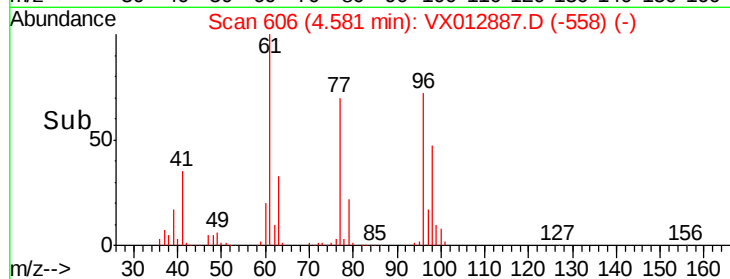
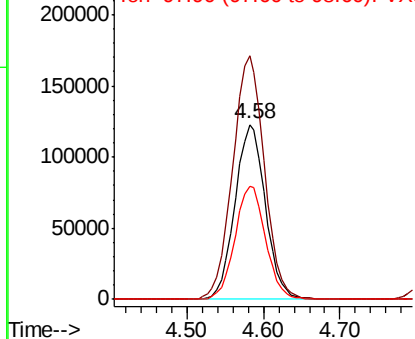
cis-1,2-Dichloroethene
Concen: 139.588 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.5	0.0	290.6
98	65.3	0.0	128.8



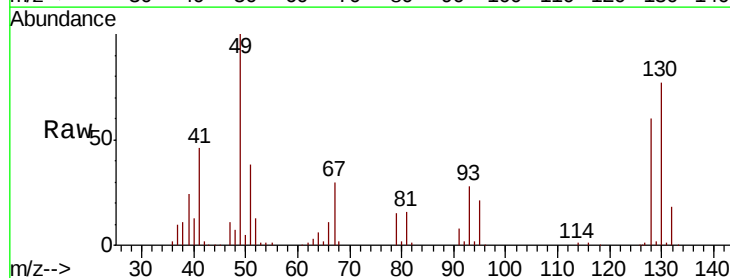
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



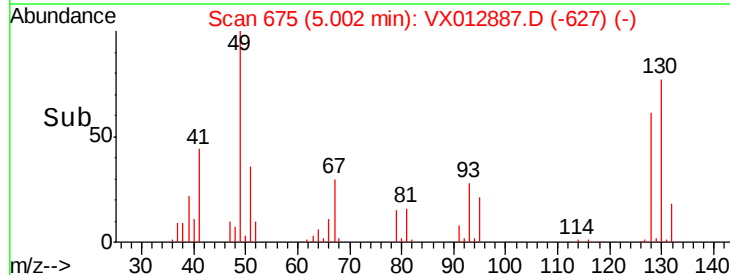
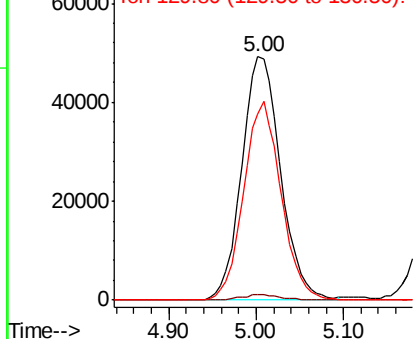
#28

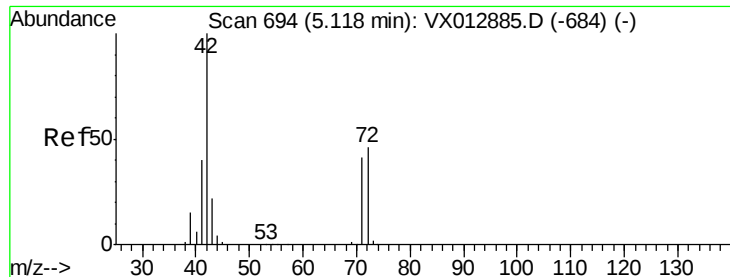
Bromochloromethane
Concen: 109.767 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	78.5	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

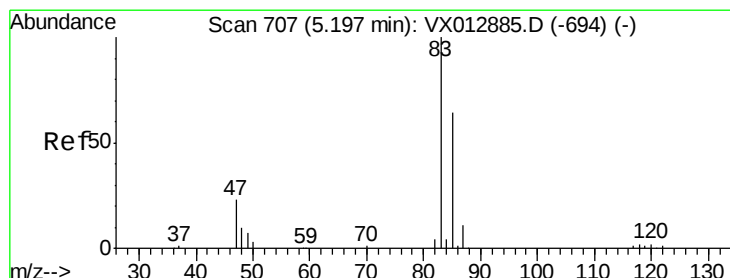
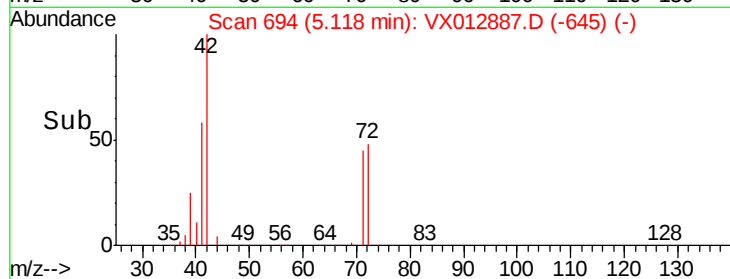
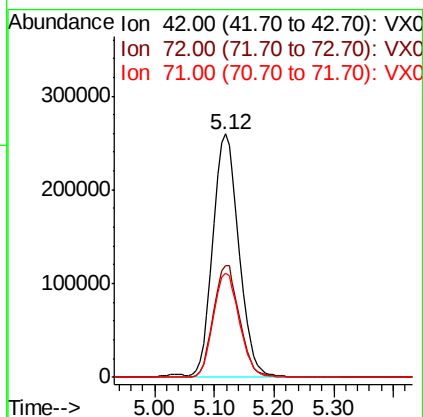
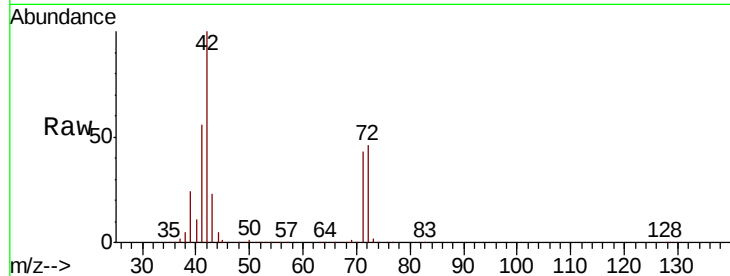




#29
Tetrahydrofuran
Concen: 670.814 ug/l
RT: 5.12 min Scan# 694
Delta R.T. -0.00 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

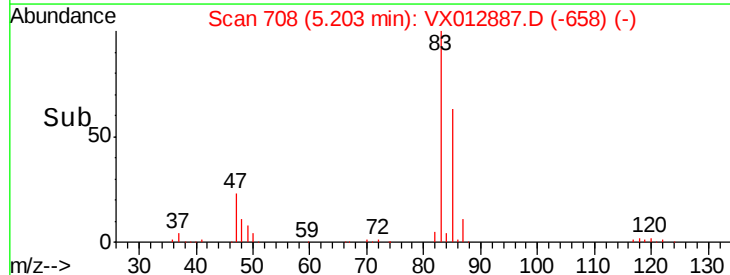
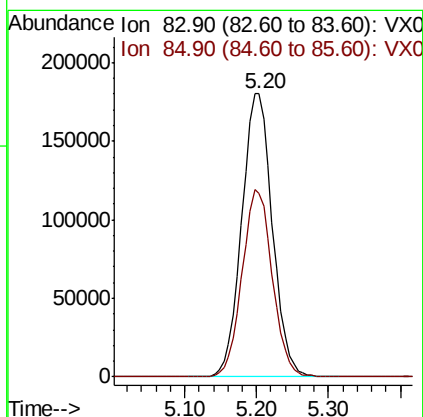
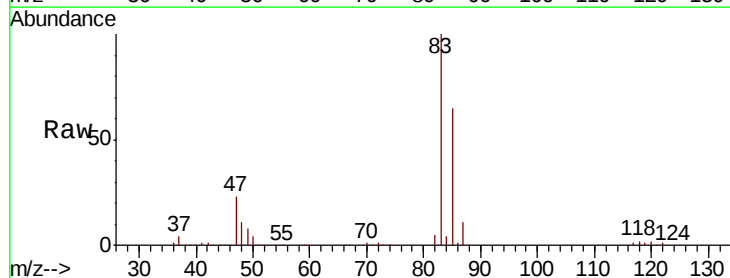
Instrument :
MSVOA_X
ClientSampleId :

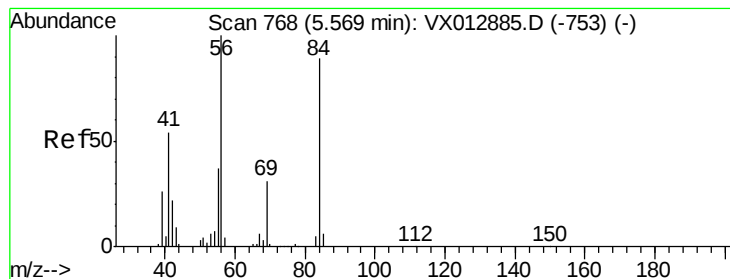
Tot Ion: 42 Resp: 784224
Ion Ratio Lower Upper
42 100
72 46.4 36.9 55.3
71 42.9 33.5 50.3



#30
Chloroform
Concen: 133.006 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

Tgt Ion: 83 Resp: 532703
Ion Ratio Lower Upper
83 100
85 64.9 51.5 77.3





#31

Cvclohexane

Concen: 138.940 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

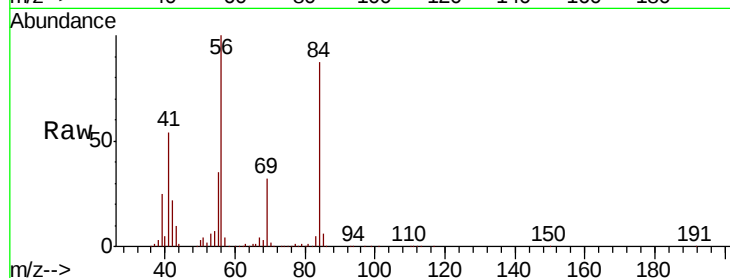
Tot Ion: 56 Resp: 492426

Ion Ratio Lower Upper

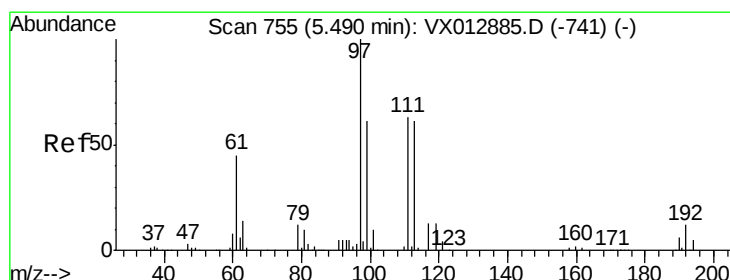
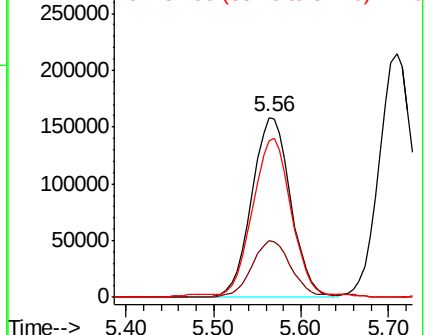
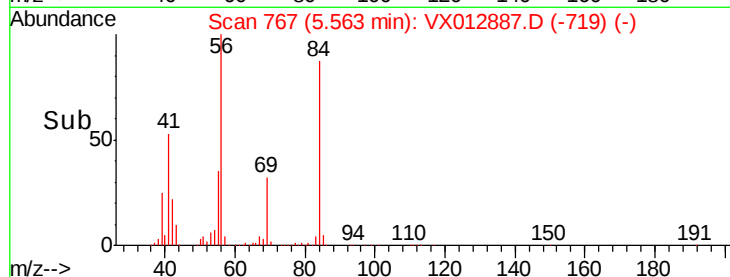
56 100

69 31.5 25.2 37.8

84 85.8 71.3 106.9



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 137.097 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

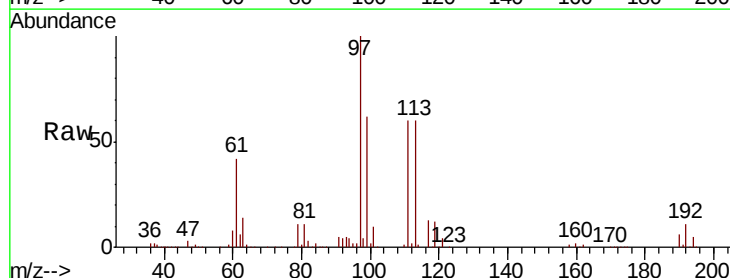
Tgt Ion: 97 Resp: 484076

Ion Ratio Lower Upper

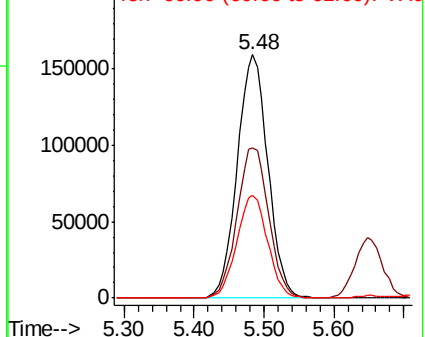
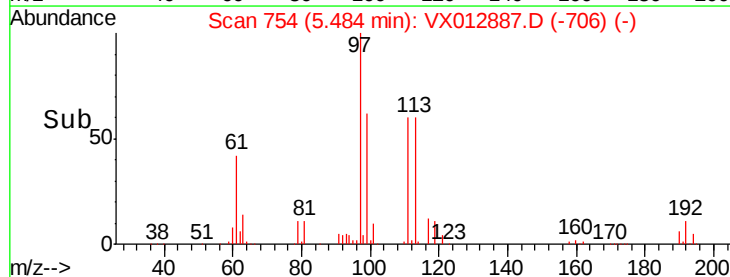
97 100

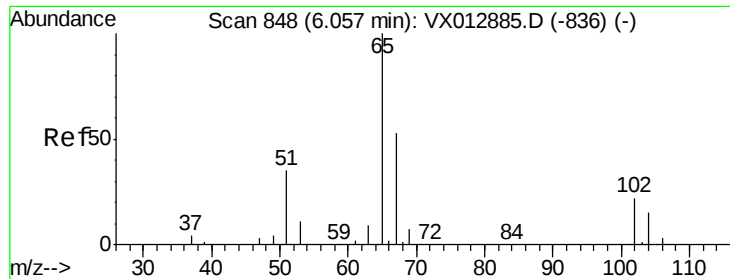
99 64.1 52.3 78.5

61 42.9 35.0 52.4



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

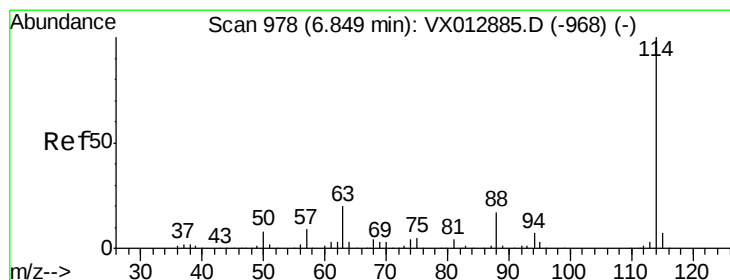
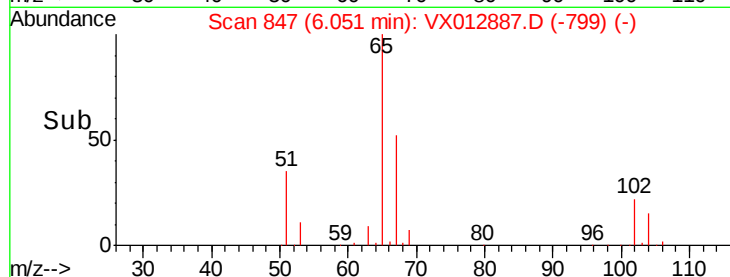
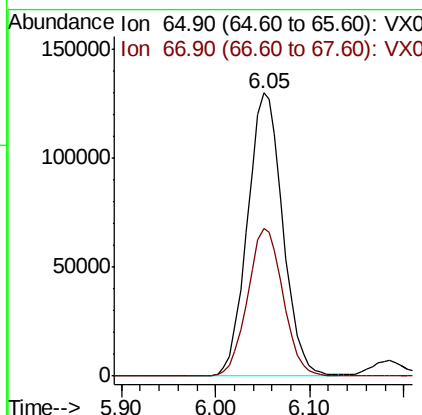
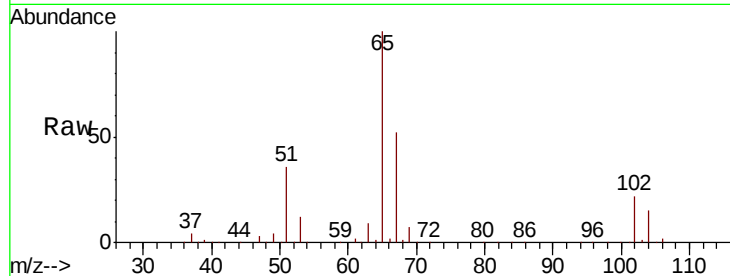




#33
 1,2-Dichloroethane-d4
 Concen: 135.212 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX012887.D
 Acq: 08 Oct 2019 13:00

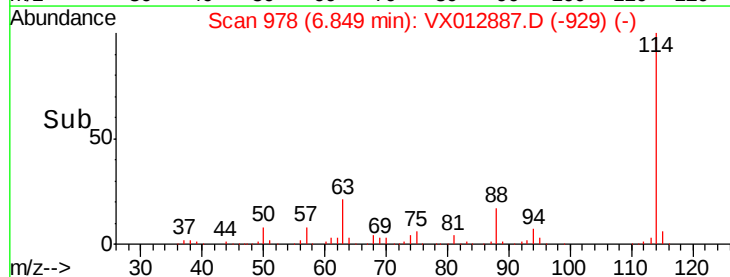
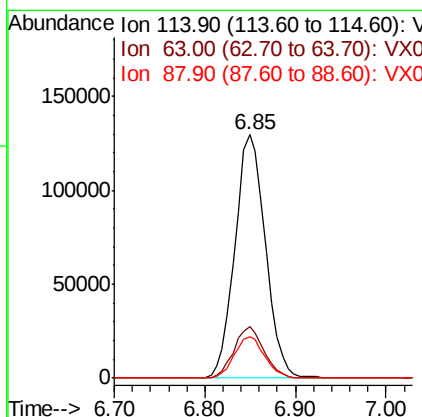
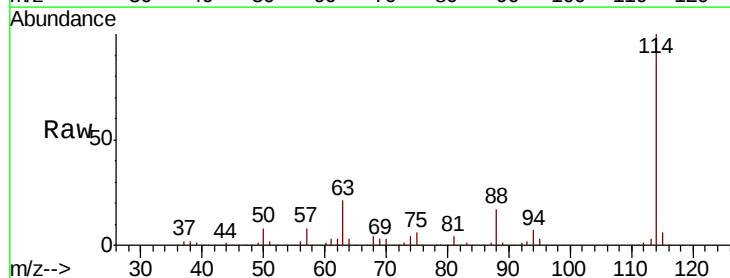
Instrument :
 MSVOA_X
 ClientSampled :

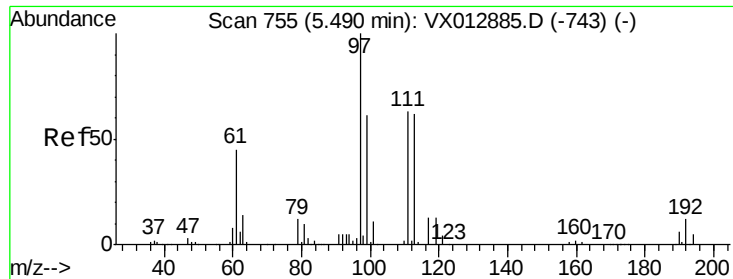
Tot Ion: 65 Resp: 341591
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012887.D
 Acq: 08 Oct 2019 13:00

Tgt Ion: 114 Resp: 303097
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 40.8
 88 17.0 0.0 33.8

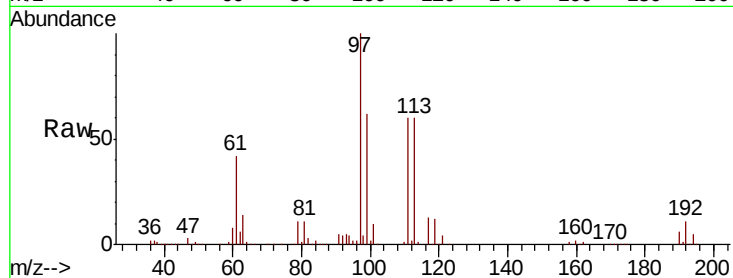




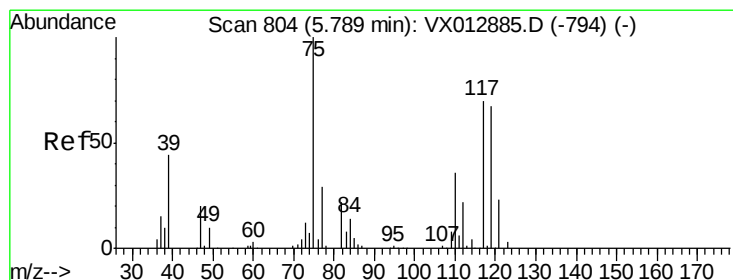
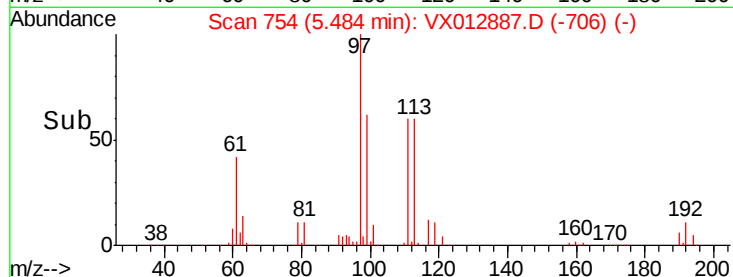
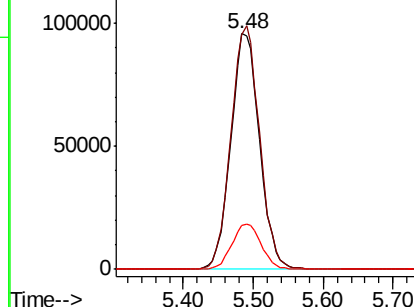
#35
 Dibromofluoromethane
 Concen: 150.338 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX012887.D
 Acq: 08 Oct 2019 13:00

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:113 Resp: 272980
 Ion Ratio Lower Upper
 113 100
 111 102.9 83.2 124.8
 192 19.6 15.4 23.2

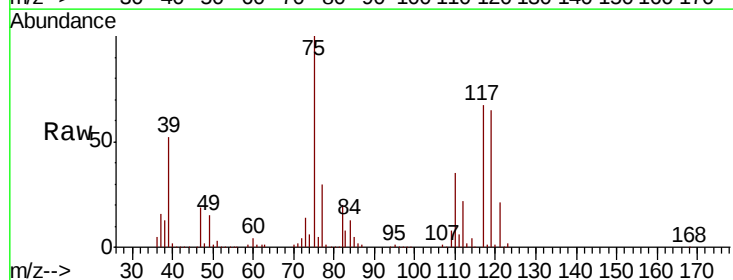


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

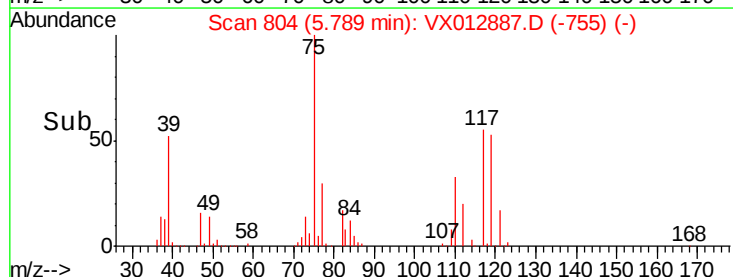
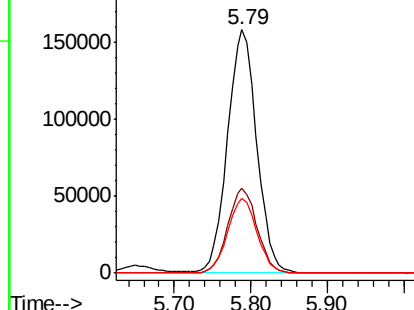


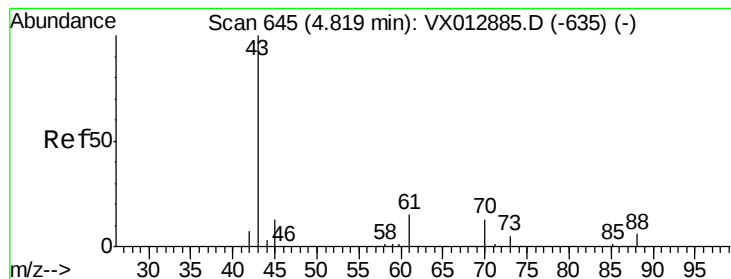
#36
 1,1-Dichloropropene
 Concen: 141.568 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX012887.D
 Acq: 08 Oct 2019 13:00

Tgt Ion: 75 Resp: 415759
 Ion Ratio Lower Upper
 75 100
 110 35.0 17.6 52.9
 77 30.9 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: 138.349 ug/l

RT: 4.83 min Scan# 646

Delta R.T. 0.01 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Instrument :
MSVOA_X
ClientSampled :

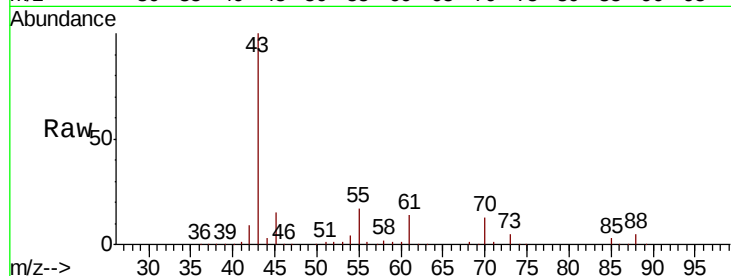
Tot Ion: 43 Resp: 469089

Ion Ratio Lower Upper

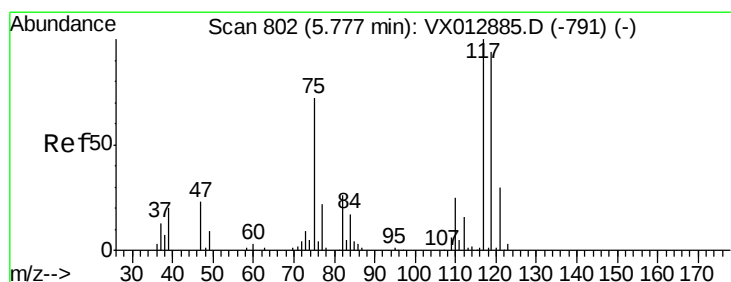
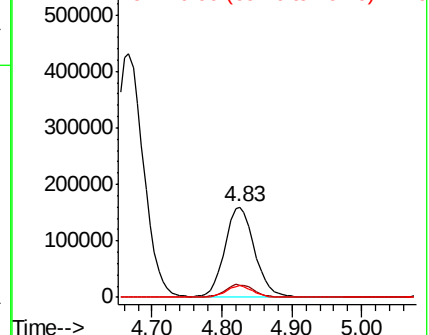
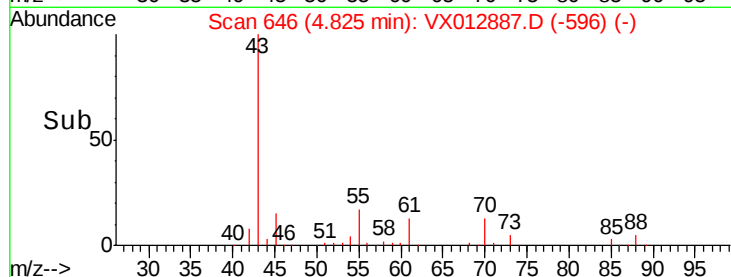
43 100

61 14.0 11.4 17.0

70 11.9 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 142.317 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.00 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

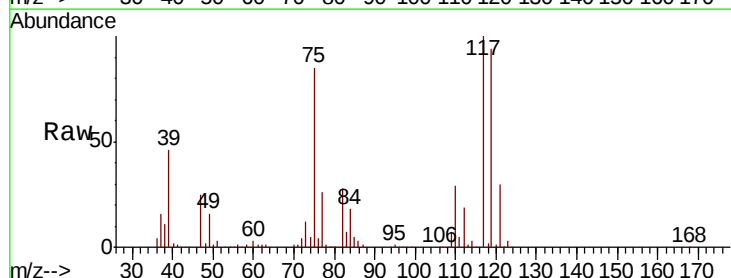
Tgt Ion: 117 Resp: 420675

Ion Ratio Lower Upper

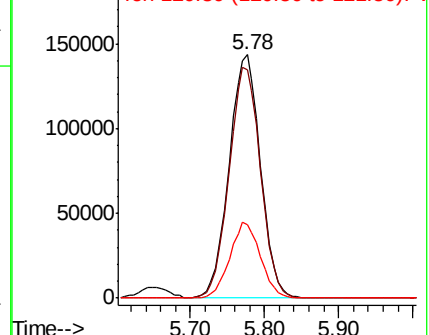
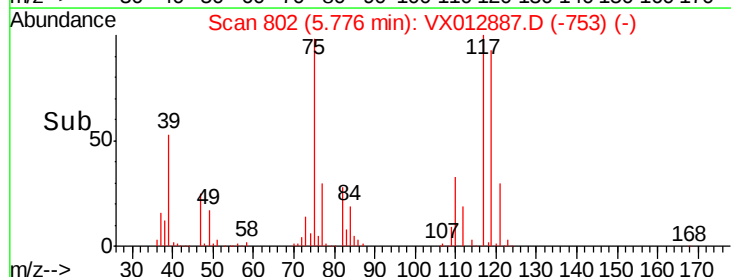
117 100

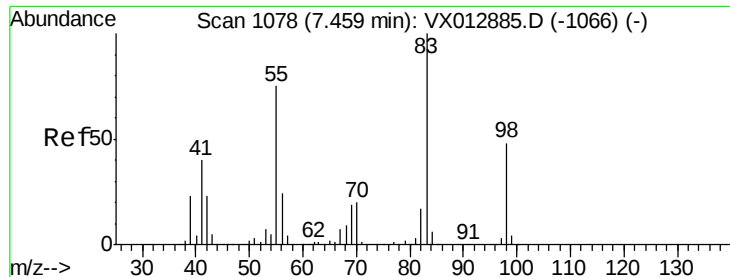
119 93.7 74.5 111.7

121 30.1 24.2 36.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

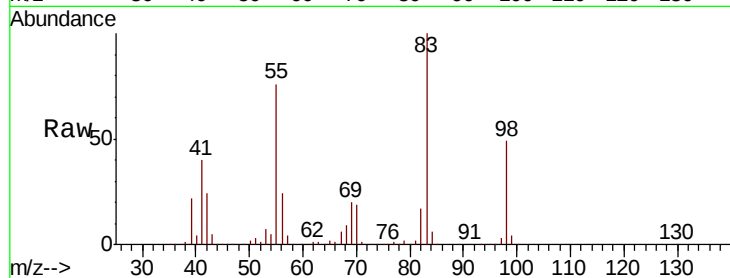




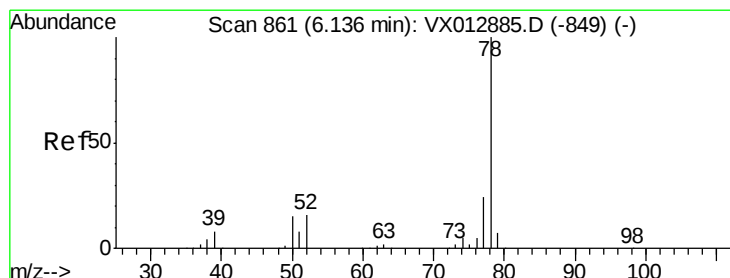
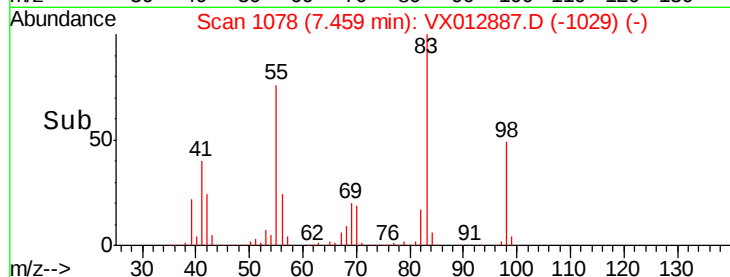
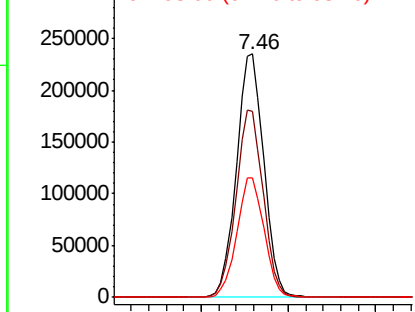
#39
Methvlcvclohexane
Concen: 144.149 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 511652
Ion Ratio Lower Upper
83 100
55 76.2 60.2 90.4
98 49.1 38.5 57.7

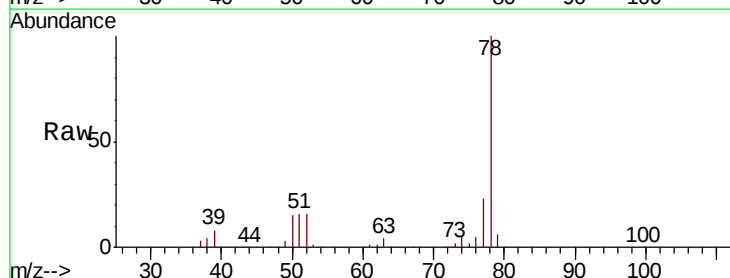


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

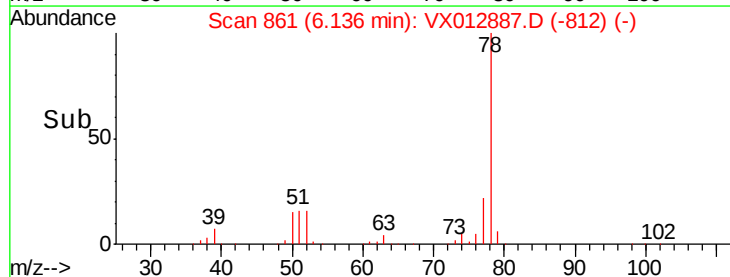
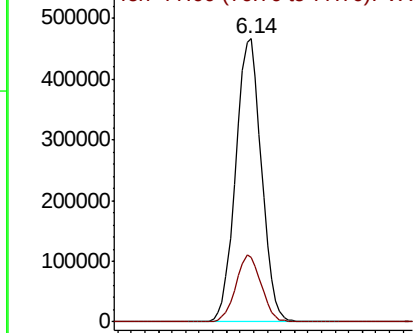


#40
Benzene
Concen: 142.164 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

Tgt Ion: 78 Resp: 1225157
Ion Ratio Lower Upper
78 100
77 22.7 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: 136.876 ug/l

RT: 5.03 min Scan# 680

Delta R.T. -0.00 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 259360

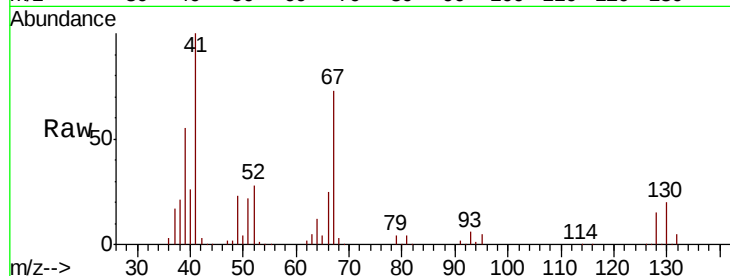
Ion Ratio Lower Upper

41 100

39 53.1 44.0 66.0

67 71.1 58.5 87.7

52 29.1 23.8 35.8

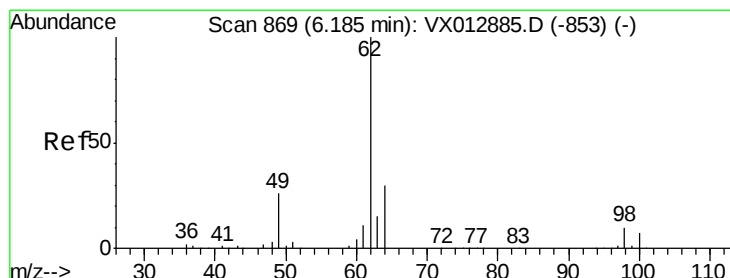
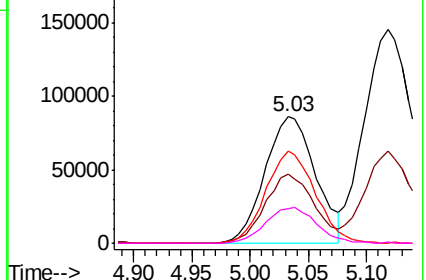
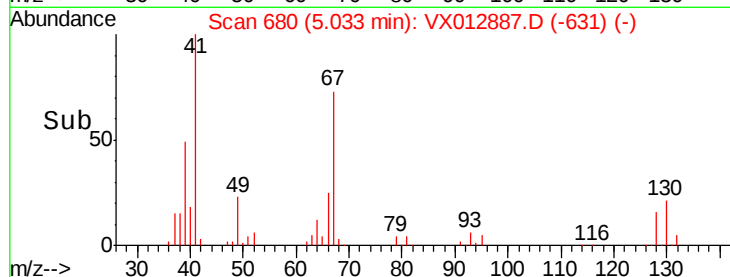


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 134.061 ug/l

RT: 6.18 min Scan# 869

Delta R.T. -0.00 min

Lab File: VX012887.D

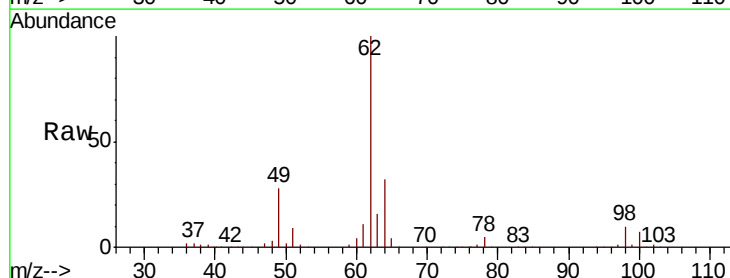
Acq: 08 Oct 2019 13:00

Tgt Ion: 62 Resp: 434883

Ion Ratio Lower Upper

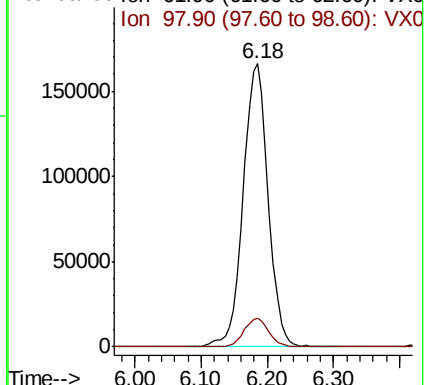
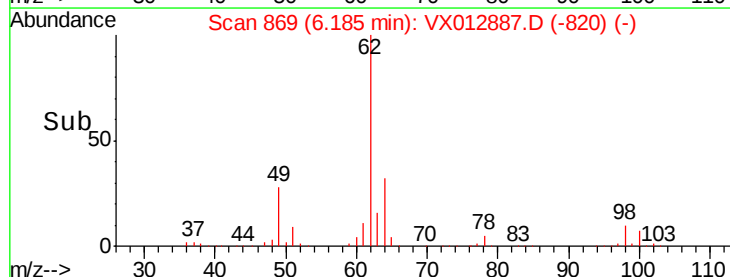
62 100

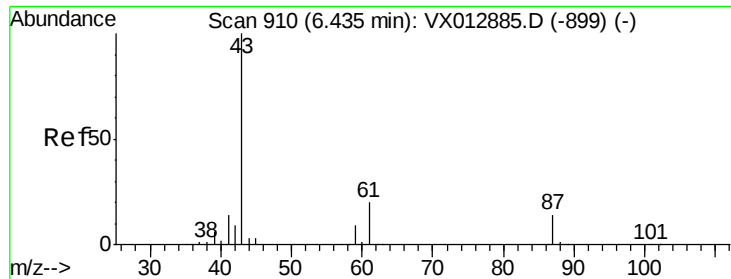
98 10.0 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



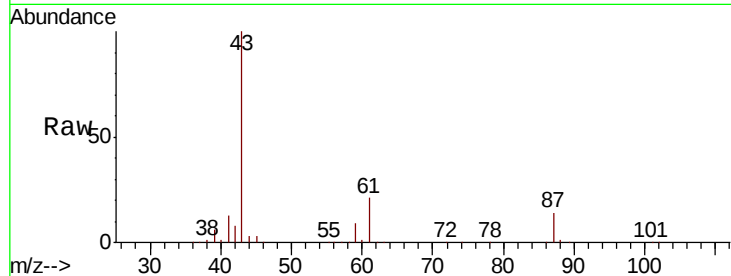


#43

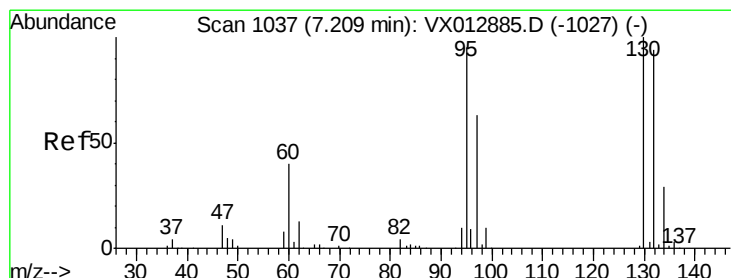
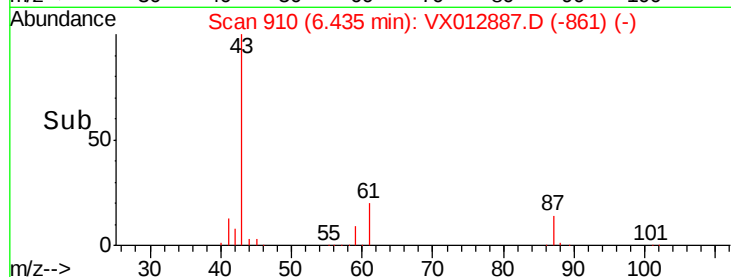
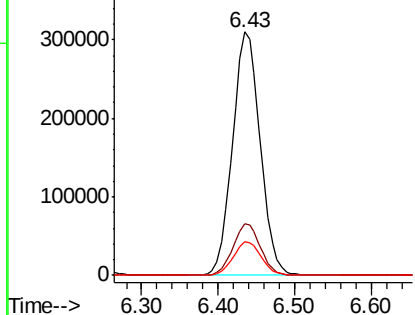
Isopropyl Acetate
 Concen: 136.928 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX012887.D
 Acq: 08 Oct 2019 13:00

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 43 Resp: 774713
 Ion Ratio Lower Upper
 43 100
 61 21.0 16.6 24.8
 87 14.0 11.0 16.6



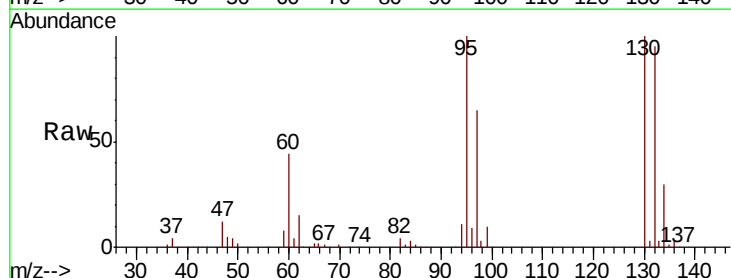
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



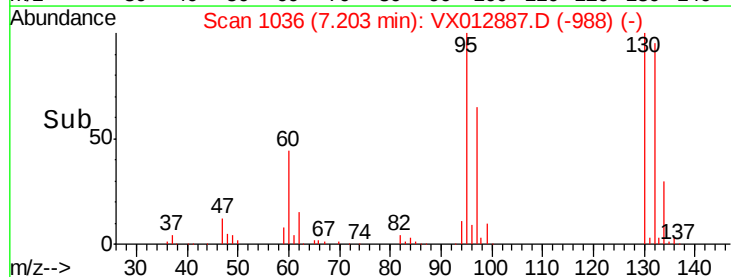
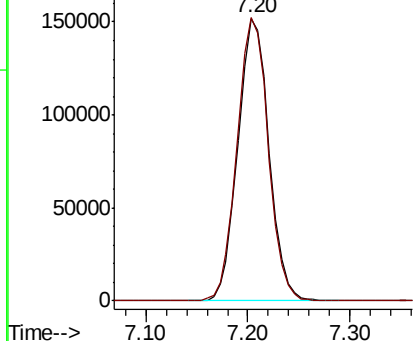
#44

Trichloroethene
 Concen: 144.715 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX012887.D
 Acq: 08 Oct 2019 13:00

Tgt Ion:130 Resp: 321084
 Ion Ratio Lower Upper
 130 100
 95 100.3 0.0 189.2



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

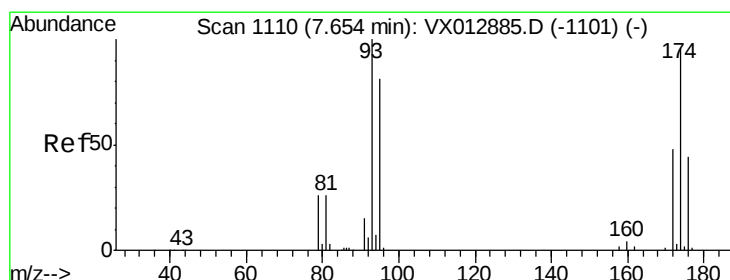
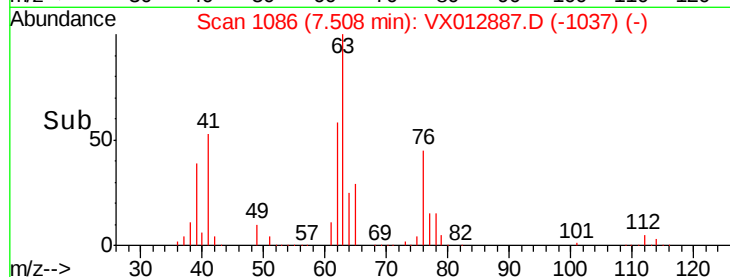
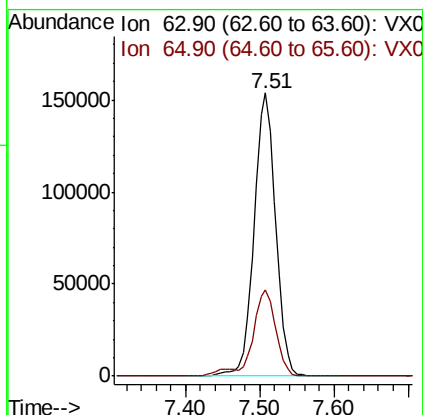
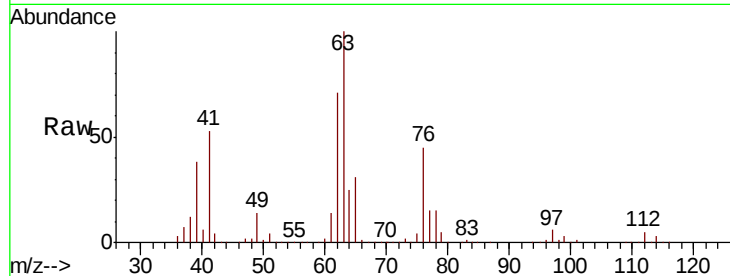




#45
 1,2-Dichloropropane
 Concen: 141.425 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX012887.D
 Acq: 08 Oct 2019 13:00

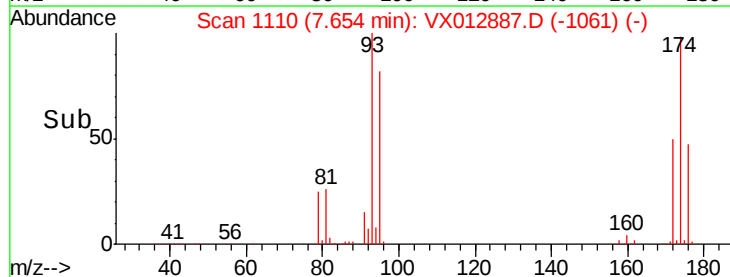
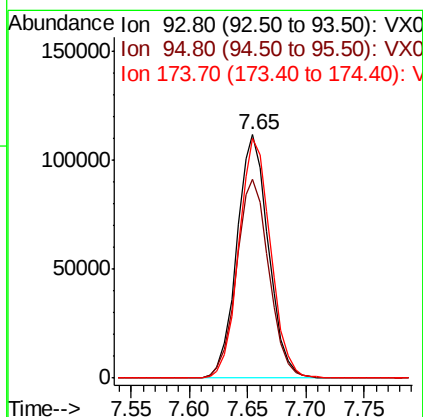
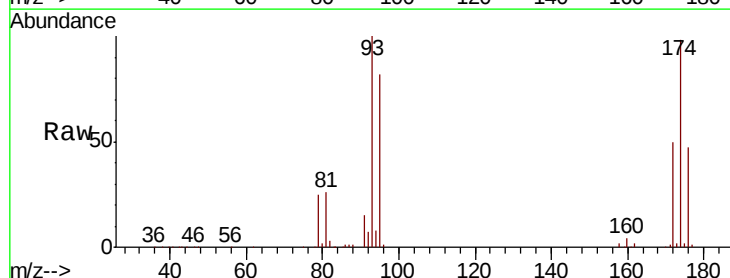
Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 63 Resp: 312000
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.6 37.0



#46
 Dibromomethane
 Concen: 140.602 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012887.D
 Acq: 08 Oct 2019 13:00

Tgt Ion: 93 Resp: 210889
 Ion Ratio Lower Upper
 93 100
 95 84.0 66.3 99.5
 174 99.0 77.8 116.6





#47

Bromodichloromethane

Concen: 145.733 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

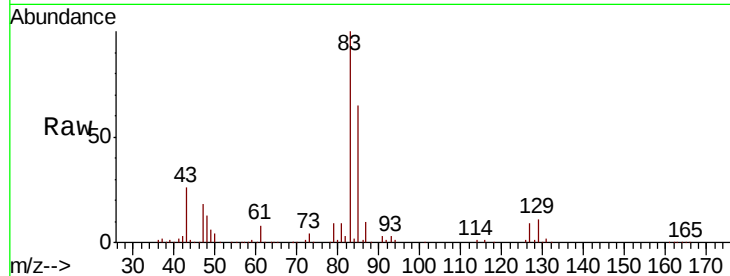
Tot Ion: 83 Resp: 434699

Ion Ratio Lower Upper

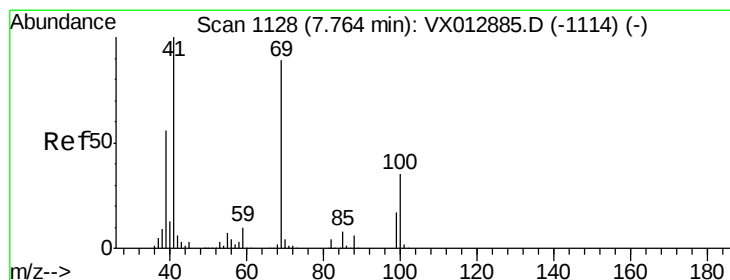
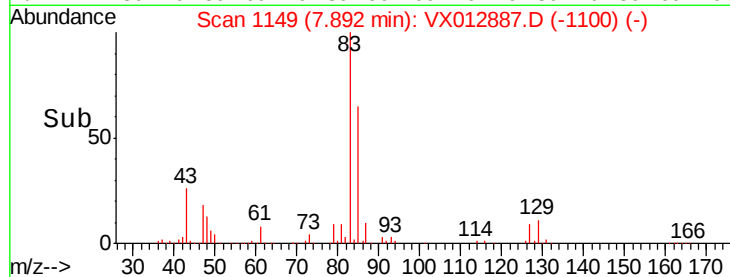
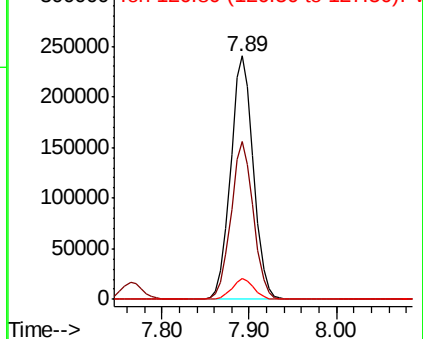
83 100

85 65.1 52.4 78.6

127 8.6 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): V



#48

Methyl methacrylate

Concen: 140.764 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

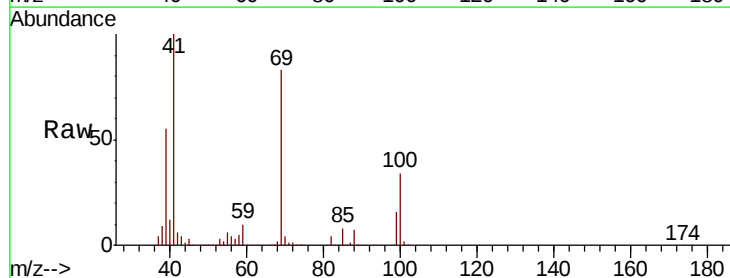
Tgt Ion: 41 Resp: 381471

Ion Ratio Lower Upper

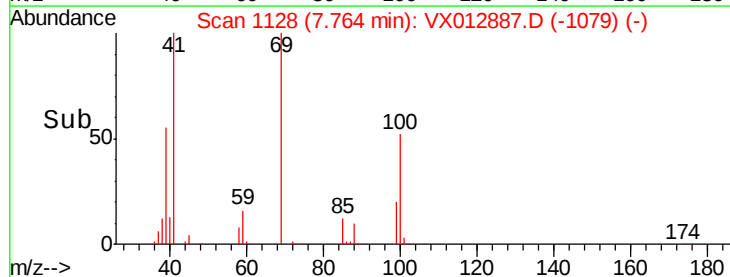
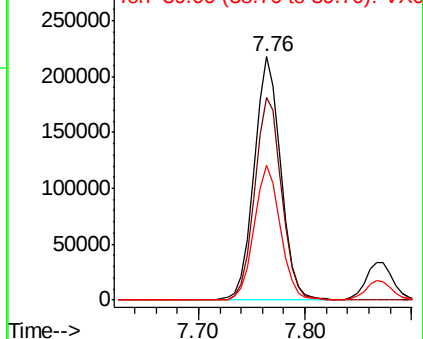
41 100

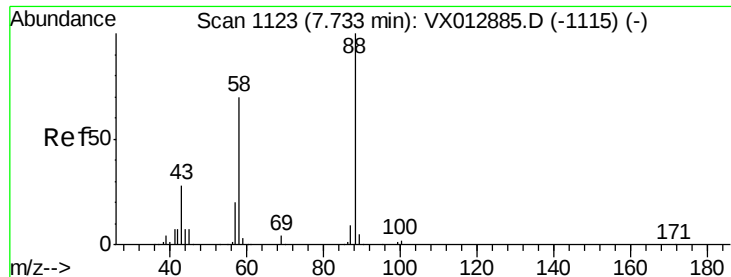
69 84.7 68.7 103.1

39 54.8 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

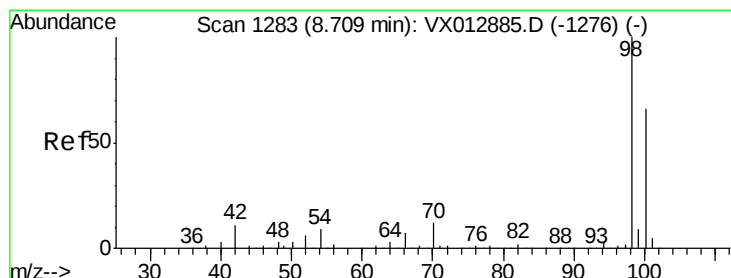
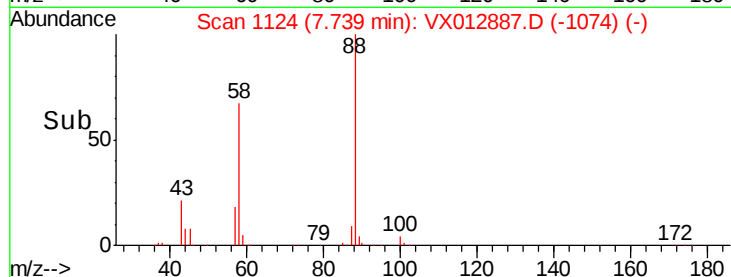
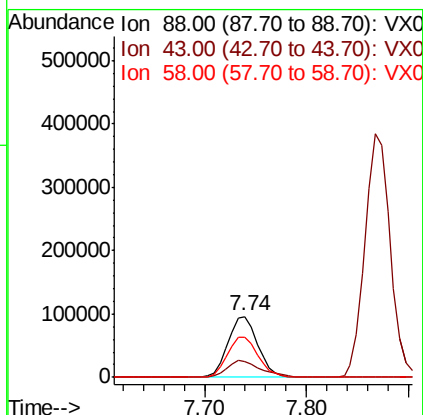
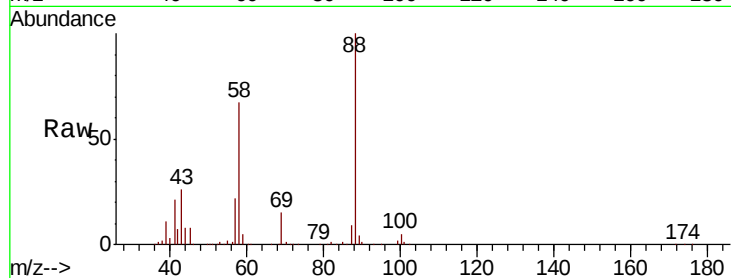




#49
1,4-Dioxane
Concen: 3095.224 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

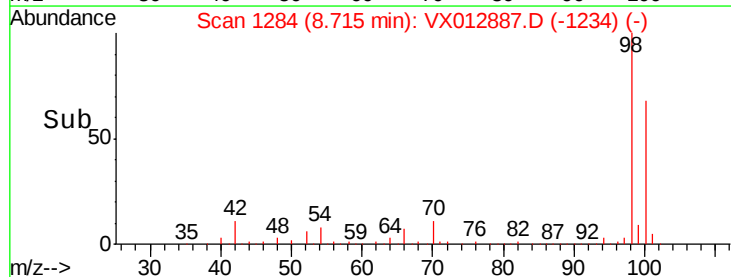
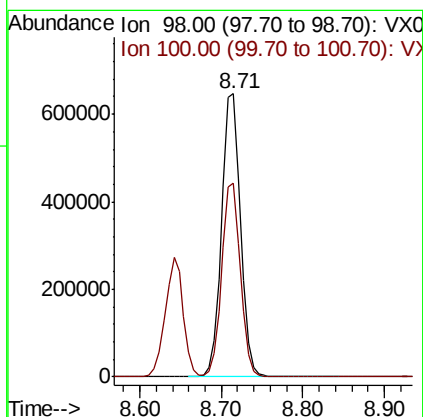
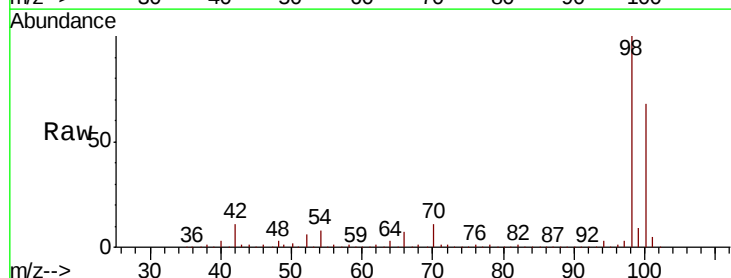
Instrument :
MSVOA_X
ClientSampleId :

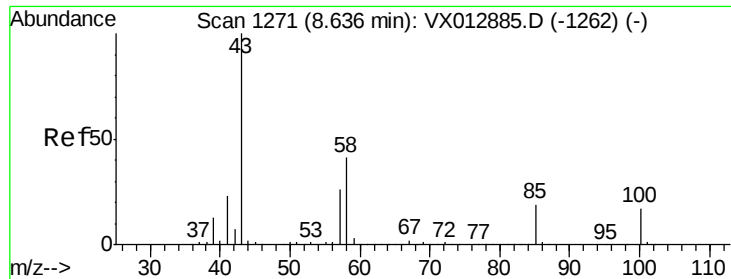
Tot Ion: 88 Resp: 192773
Ion Ratio Lower Upper
88 100
43 30.4 25.0 37.6
58 68.9 55.4 83.2



#50
Toluene-d8
Concen: 148.579 ug/l
RT: 8.71 min Scan# 1284
Delta R.T. 0.01 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

Tgt Ion: 98 Resp: 1041891
Ion Ratio Lower Upper
98 100
100 67.2 53.4 80.2





#51

4-Methyl-2-Pentanone

Concen: 685.132 ug/l

RT: 8.64 min Scan# 1272

Delta R.T. 0.01 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Instrument :

MSVOA_X

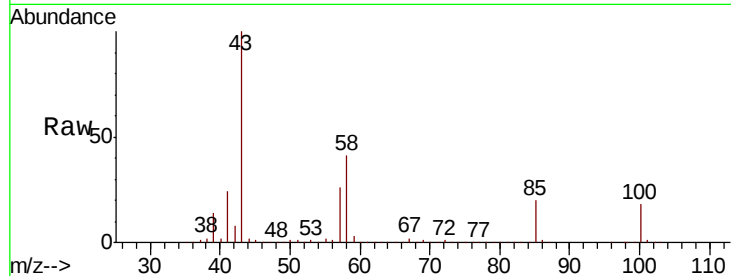
ClientSampleId :

Tot Ion: 43 Resp: 2393075

Ion Ratio Lower Upper

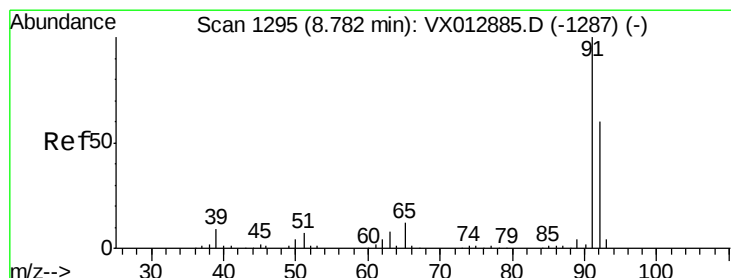
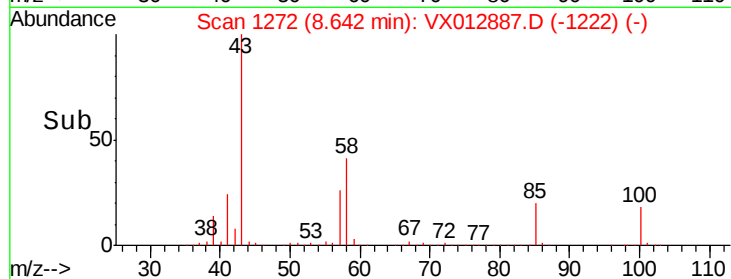
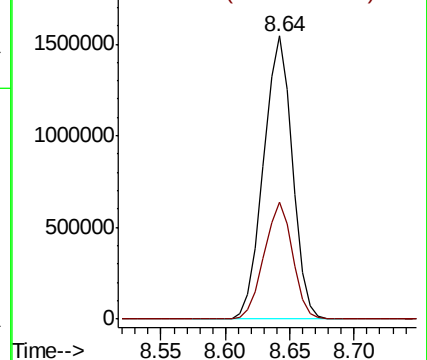
43 100

58 40.8 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 144.277 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX012887.D

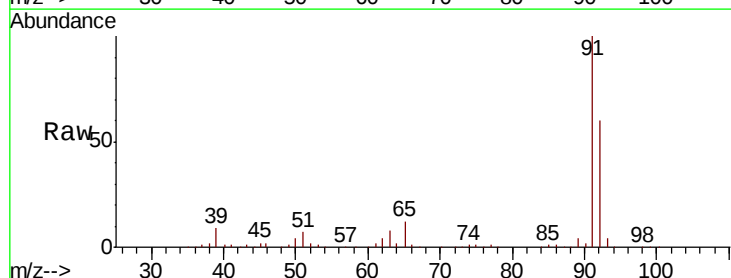
Acq: 08 Oct 2019 13:00

Tgt Ion: 92 Resp: 781075

Ion Ratio Lower Upper

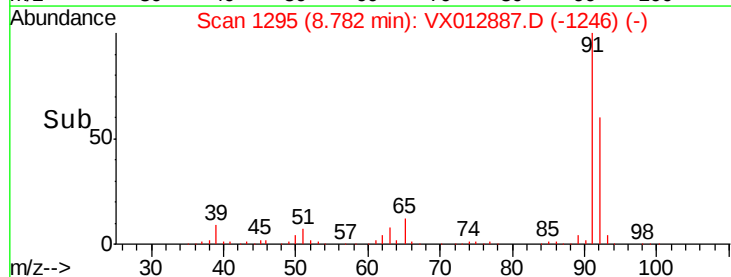
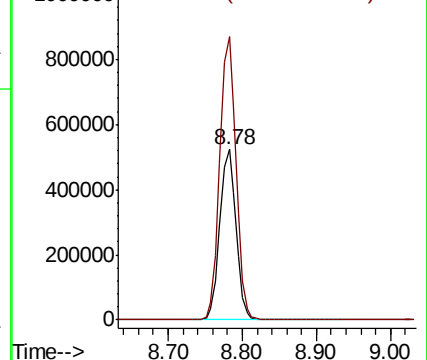
92 100

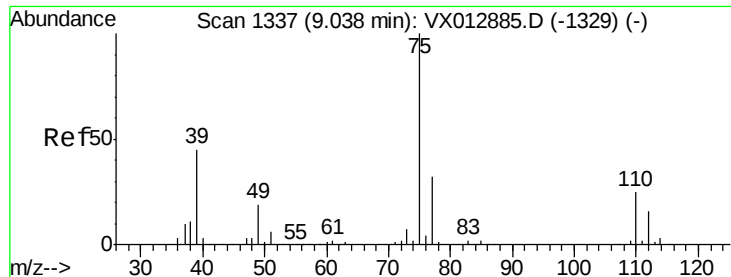
91 167.5 135.9 203.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

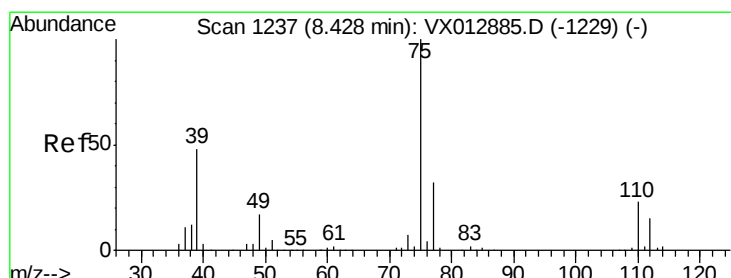
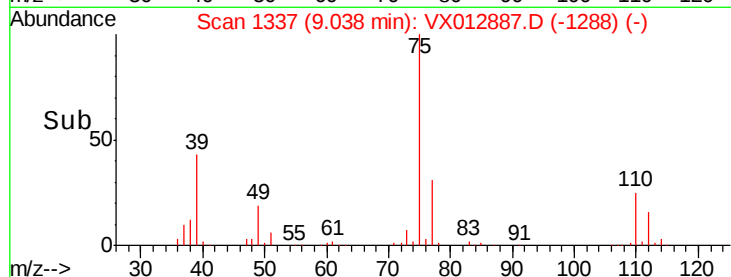
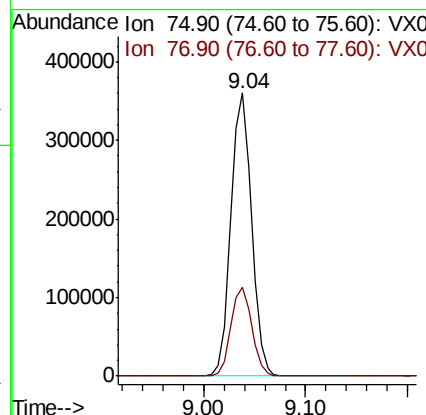
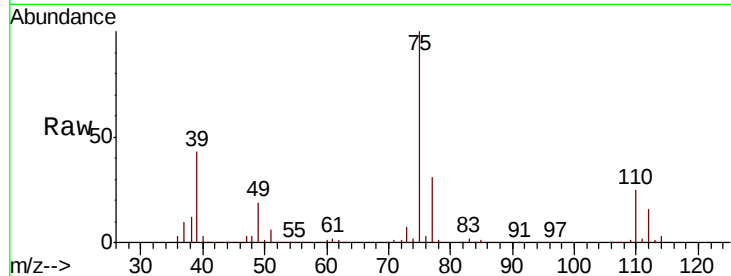




#53
 t-1,3-Dichloropropene
 Concen: 152.567 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: VX012887.D
 Acq: 08 Oct 2019 13:00

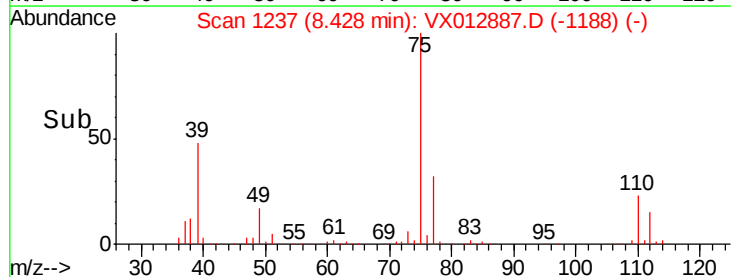
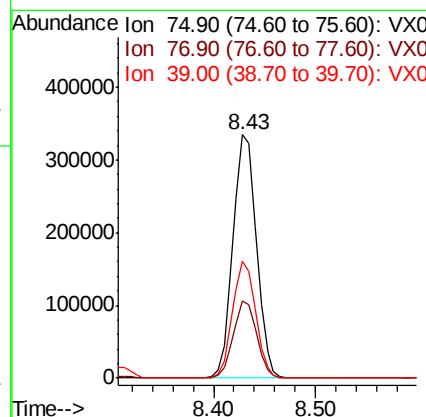
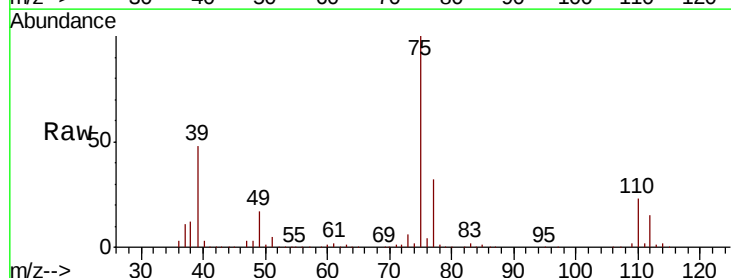
Instrument :
 MSVOA_X
 ClientSampleId :

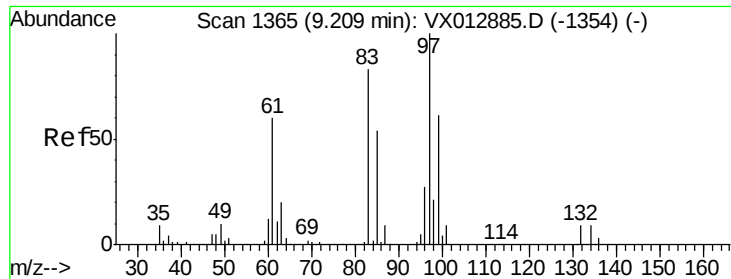
Tot Ion: 75 Resp: 503998
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 147.598 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012887.D
 Acq: 08 Oct 2019 13:00

Tgt Ion: 75 Resp: 533126
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.8 38.8
 39 48.0 38.2 57.2





#55

1,1,2-Trichloroethane

Concen: 145.026 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 97 Resp: 312081

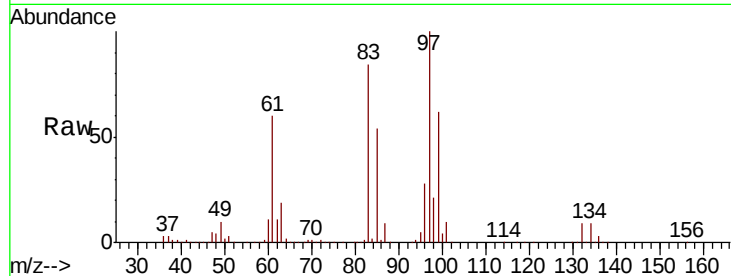
Ion Ratio Lower Upper

97 100

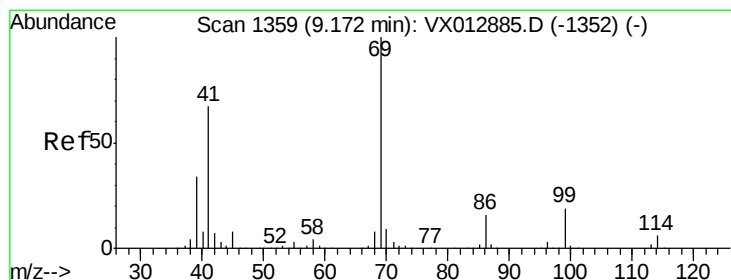
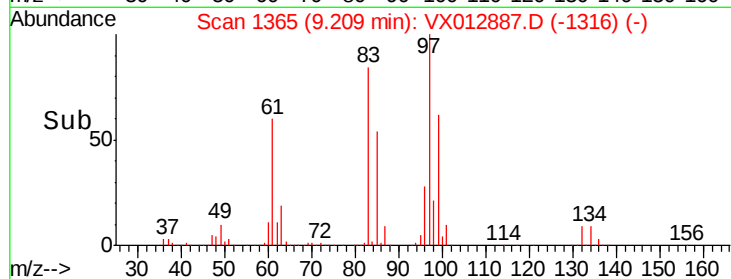
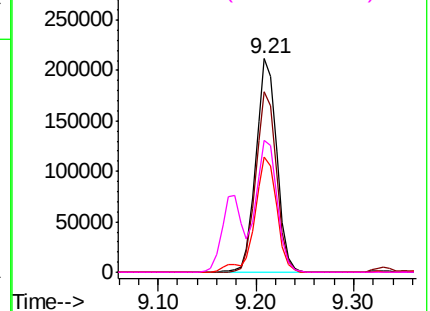
83 84.4 66.5 99.7

85 54.1 43.1 64.7

99 61.6 49.2 73.8



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



#56

Ethyl methacrylate

Concen: 152.679 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

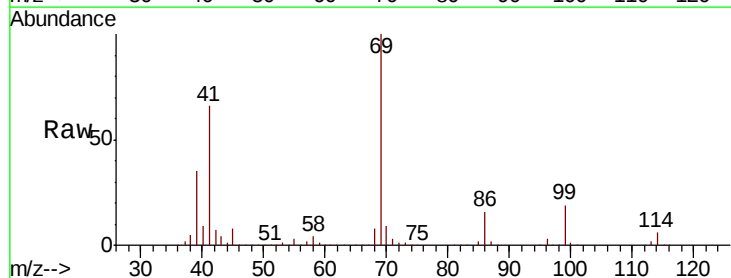
Tgt Ion: 69 Resp: 550467

Ion Ratio Lower Upper

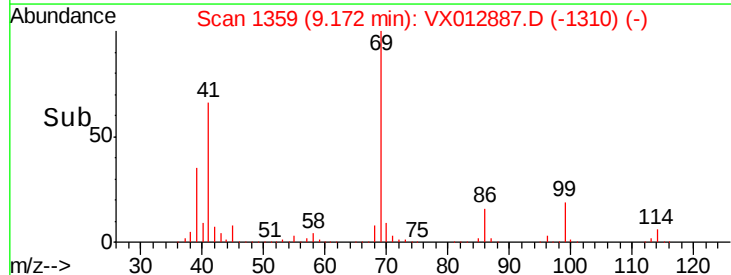
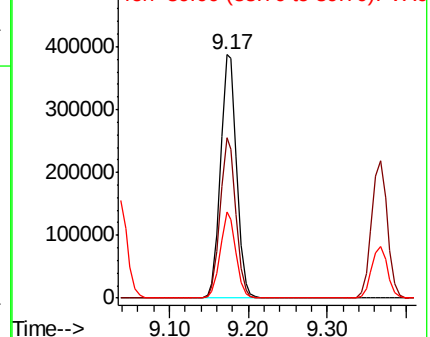
69 100

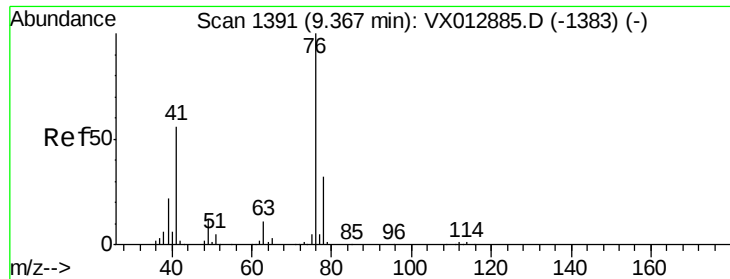
41 64.6 52.1 78.1

39 34.1 27.8 41.8



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

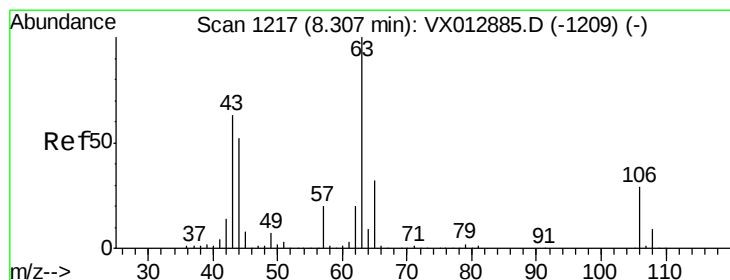
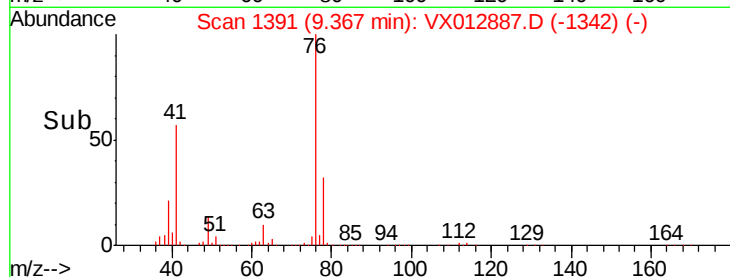
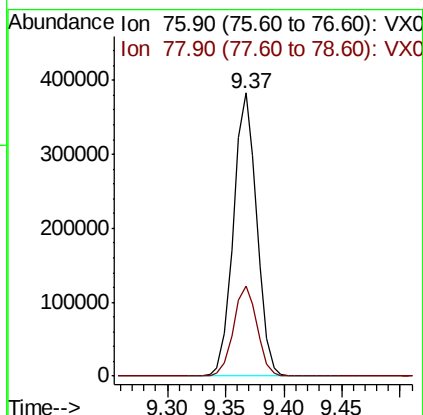
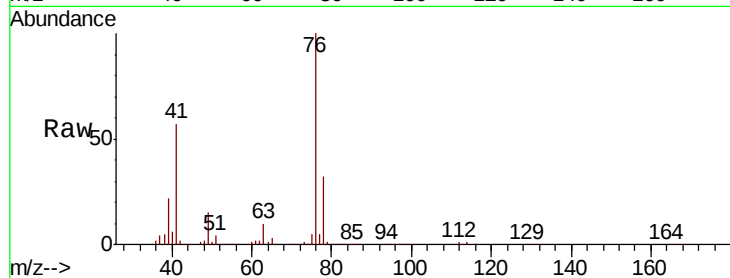




#57
 1,3-Dichloropropane
 Concen: 142.169 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012887.D
 Acq: 08 Oct 2019 13:00

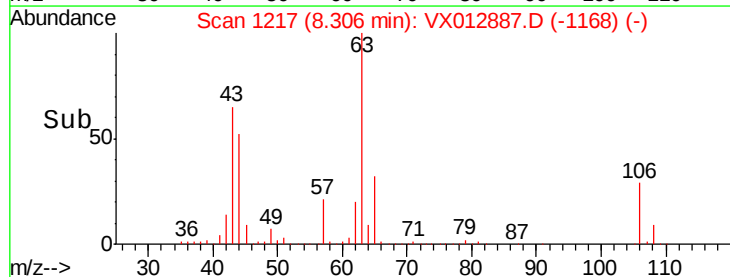
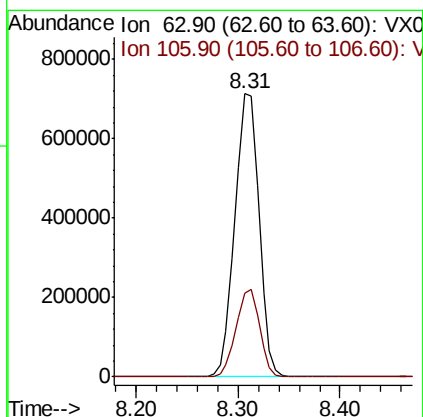
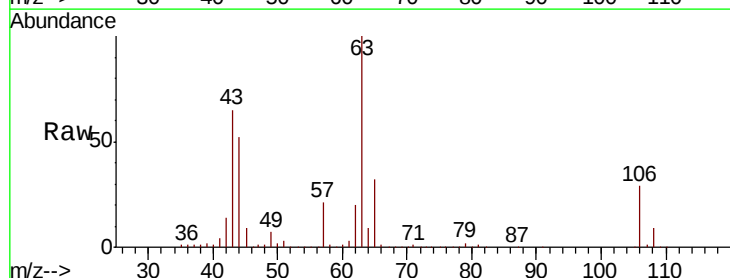
Instrument :
 MSVOA_X
 ClientSampleId :

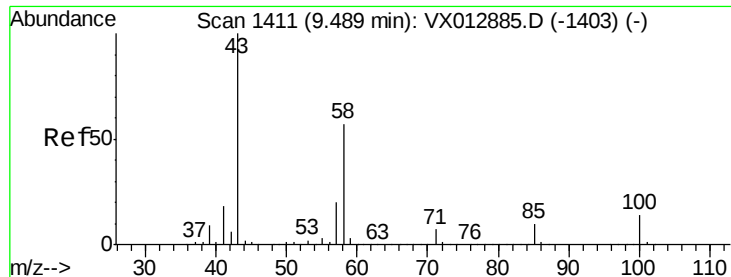
Tot Ion: 76 Resp: 535080
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 724.099 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX012887.D
 Acq: 08 Oct 2019 13:00

Tgt Ion: 63 Resp: 1164334
 Ion Ratio Lower Upper
 63 100
 106 30.2 23.8 35.8

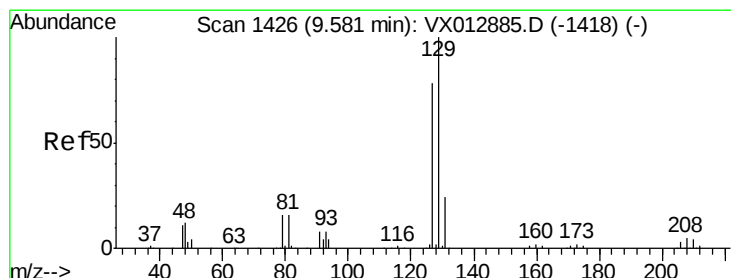
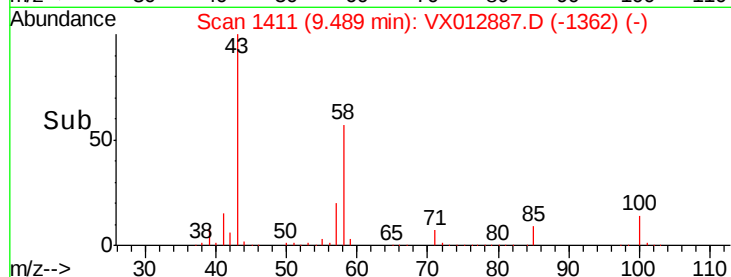
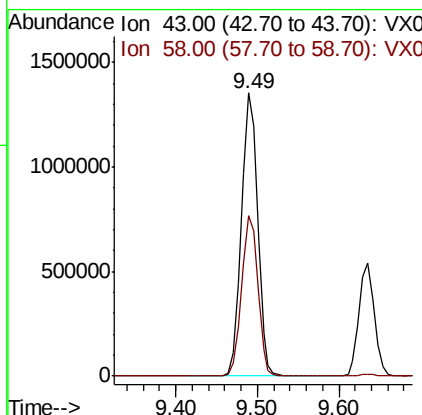
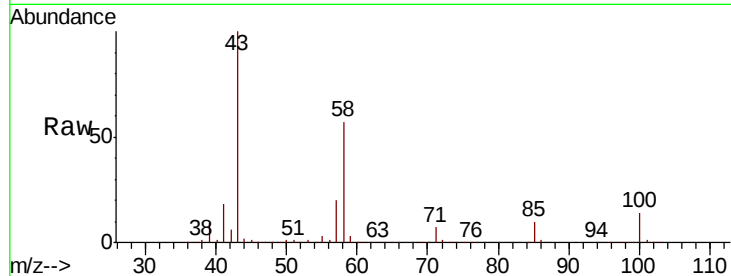




#59
 2-Hexanone
 Concen: 691.138 ug/l
 RT: 9.49 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX012887.D
 Acq: 08 Oct 2019 13:00

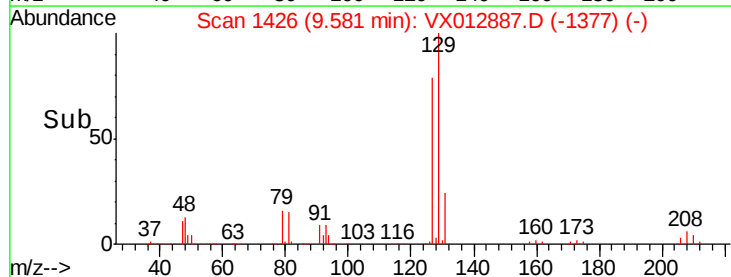
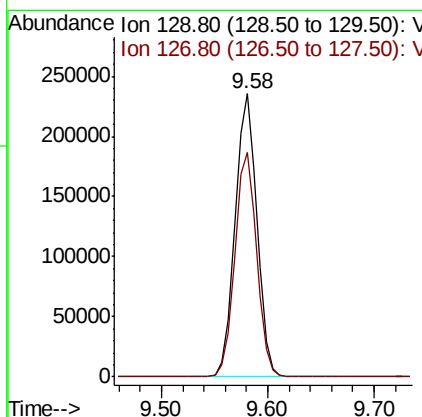
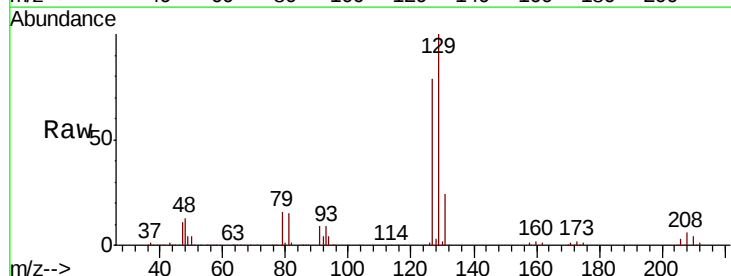
Instrument :
 MSVOA_X
 ClientSampleId :

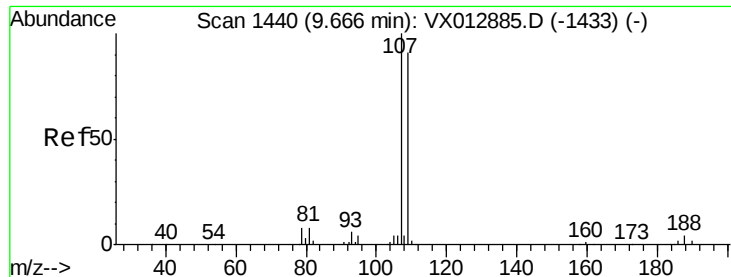
Tot Ion: 43 Resp: 1844017
 Ion Ratio Lower Upper
 43 100
 58 57.1 28.1 84.3



#60
 Dibromochloromethane
 Concen: 155.816 ug/l
 RT: 9.58 min Scan# 1426
 Delta R.T. -0.00 min
 Lab File: VX012887.D
 Acq: 08 Oct 2019 13:00

Tgt Ion: 129 Resp: 339740
 Ion Ratio Lower Upper
 129 100
 127 79.0 38.9 116.7





#61

1,2-Dibromoethane

Concen: 149.109 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Instrument :

MSVOA_X

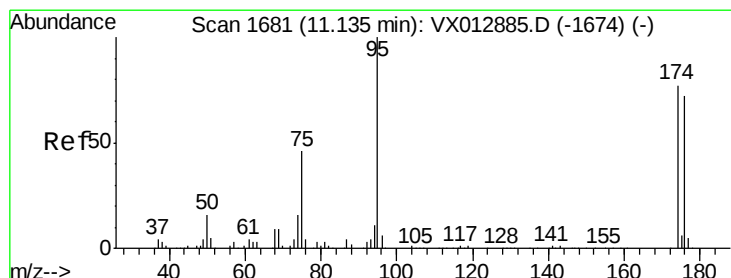
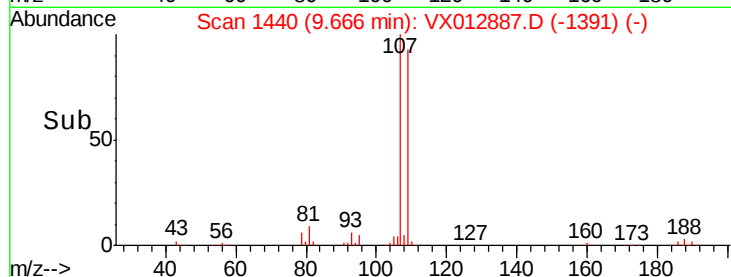
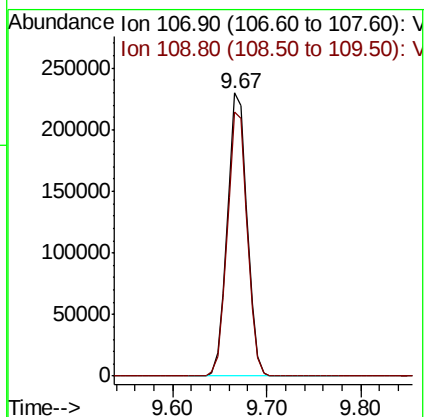
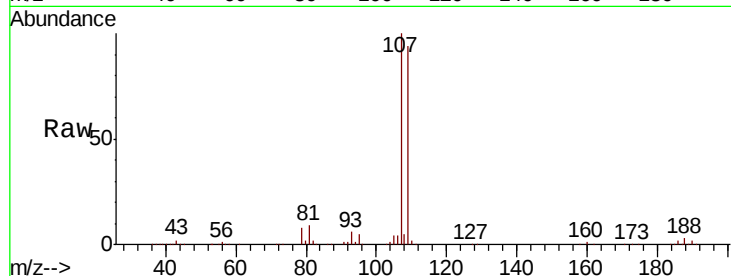
ClientSampleId :

Tot Ion:107 Resp: 333968

Ion Ratio Lower Upper

107 100

109 94.3 75.8 113.6



#62

4-Bromofluorobenzene

Concen: 152.216 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

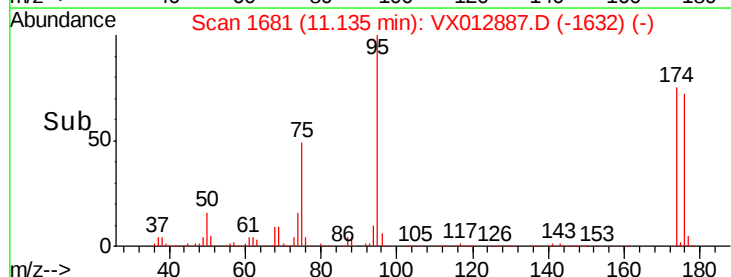
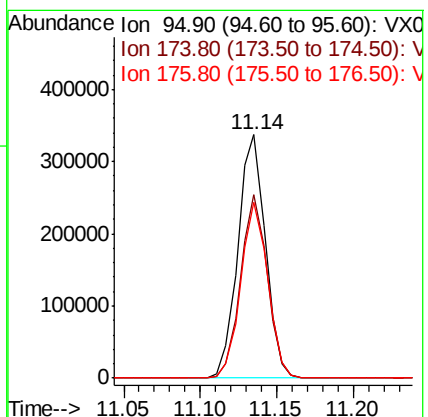
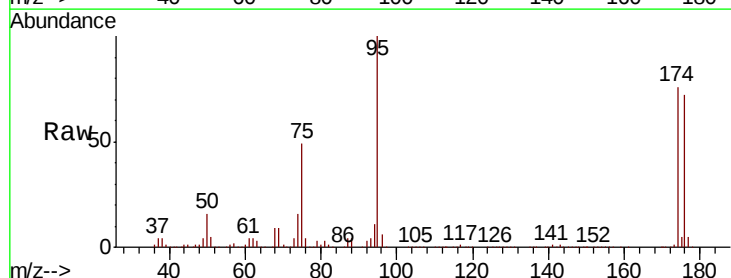
Tgt Ion: 95 Resp: 419514

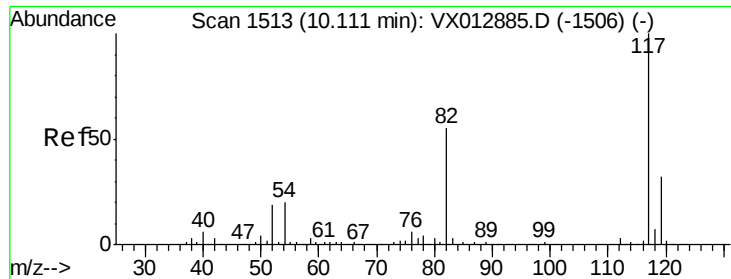
Ion Ratio Lower Upper

95 100

174 73.2 0.0 143.4

176 71.0 0.0 136.0

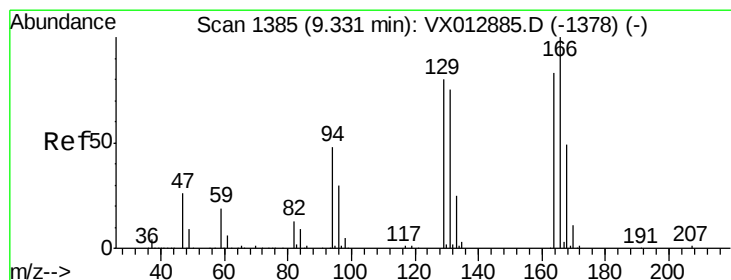
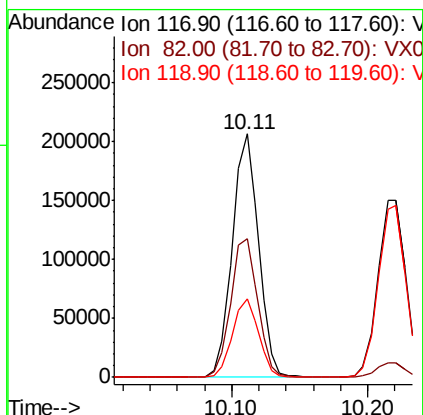
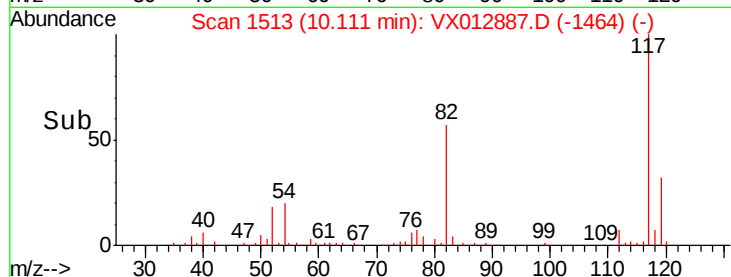
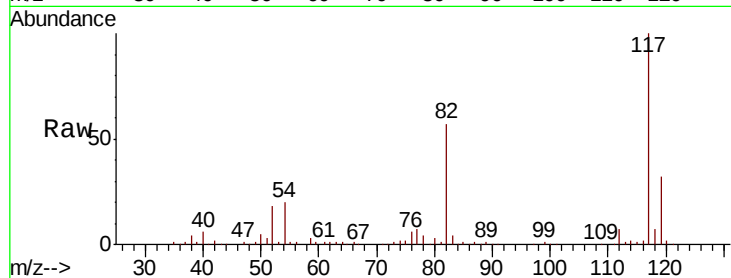




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

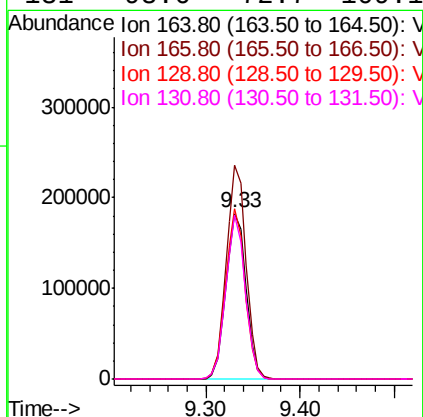
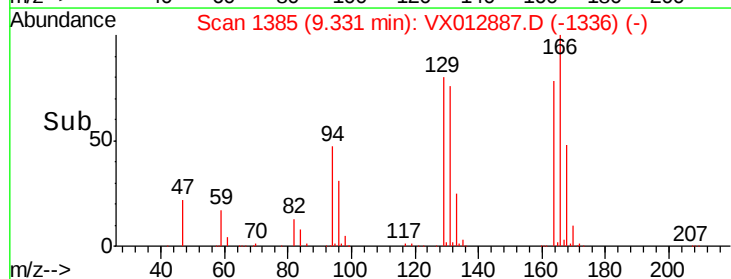
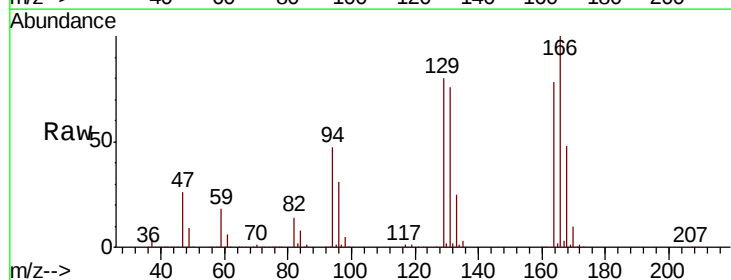
Instrument :
MSVOA_X
ClientSampleId :

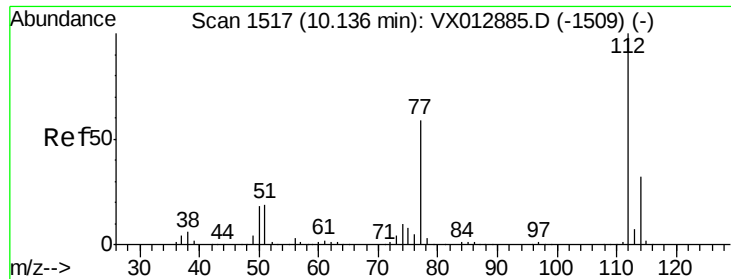
Tot Ion:117 Resp: 277454
Ion Ratio Lower Upper
117 100
82 57.0 44.1 66.1
119 32.1 25.8 38.8



#64
Tetrachloroethene
Concen: 137.799 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

Tgt Ion:164 Resp: 270307
Ion Ratio Lower Upper
164 100
166 129.0 96.9 145.3
129 103.2 77.9 116.9
131 98.6 72.7 109.1

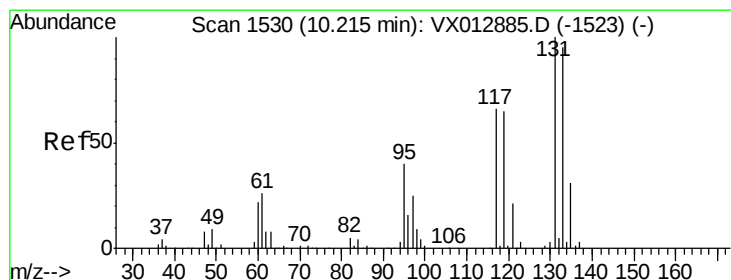
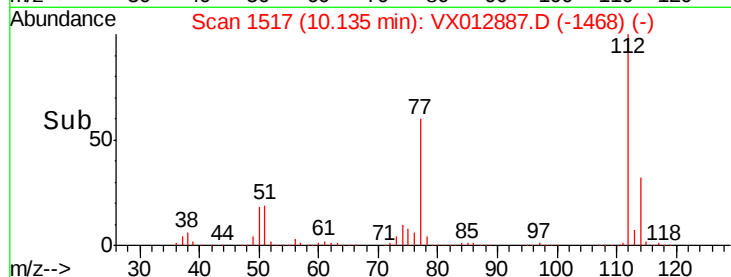
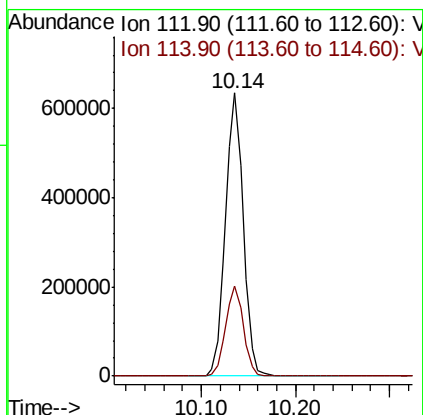
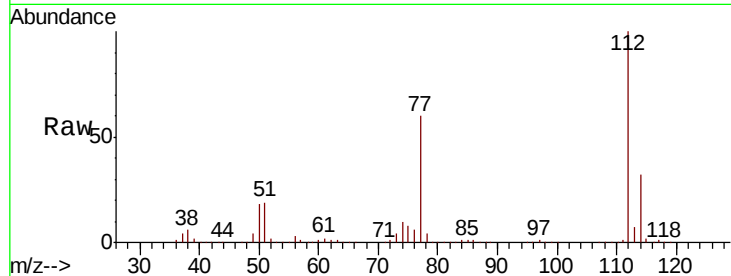




#65
Chlorobenzene
Concen: 142.403 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

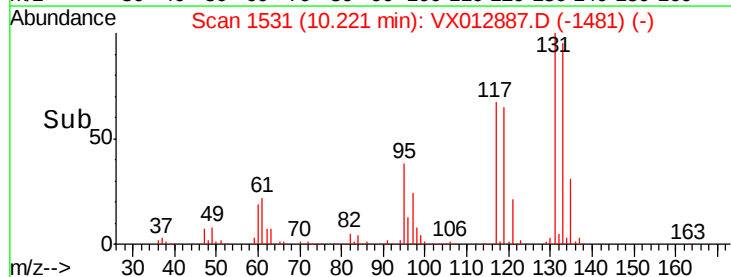
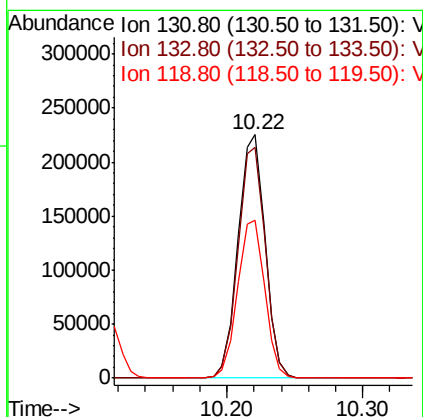
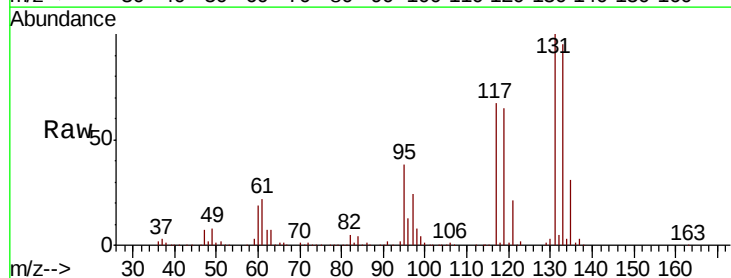
Instrument :
MSVOA_X
ClientSampleId :

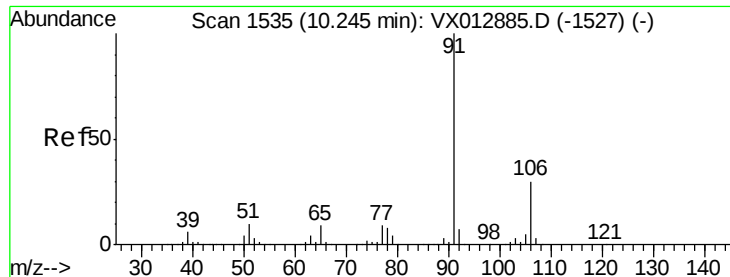
Tot Ion:112 Resp: 834140
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 147.066 ug/l
RT: 10.22 min Scan# 1531
Delta R.T. 0.01 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

Tgt Ion:131 Resp: 312036
Ion Ratio Lower Upper
131 100
133 95.7 47.2 141.6
119 65.5 32.6 98.0

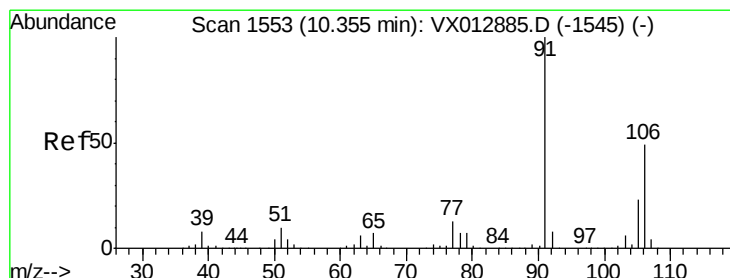
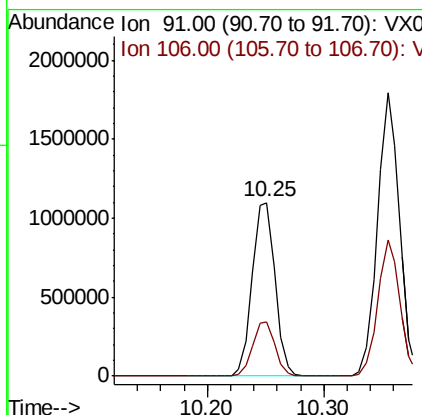
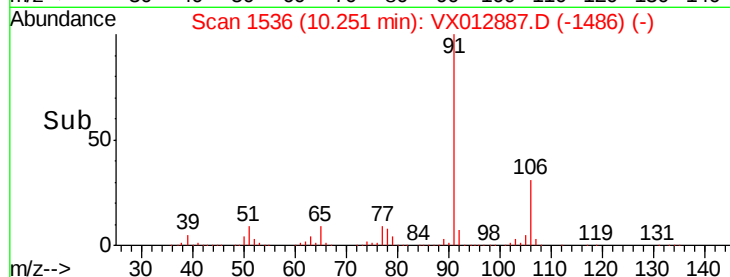
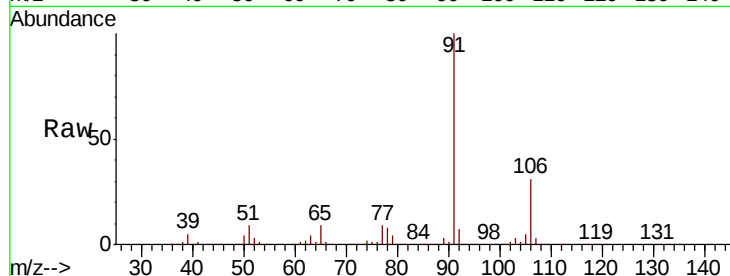




#67
Ethvl Benzene
Concen: 142.700 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

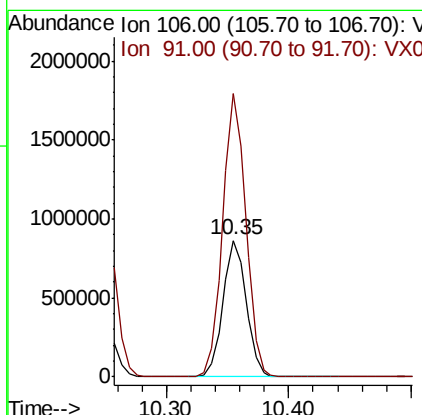
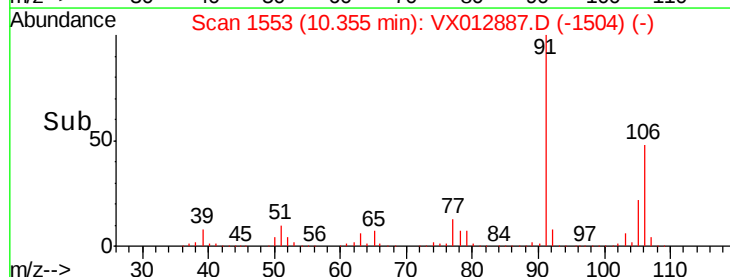
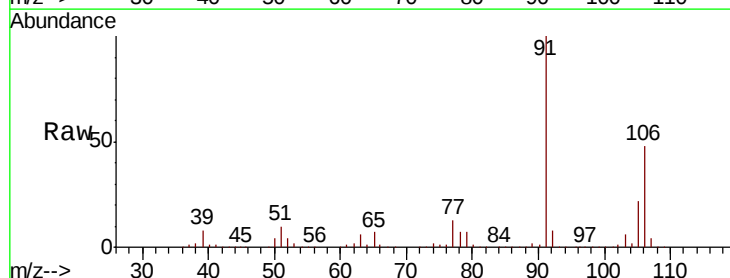
Instrument :
MSVOA_X
ClientSampleId :

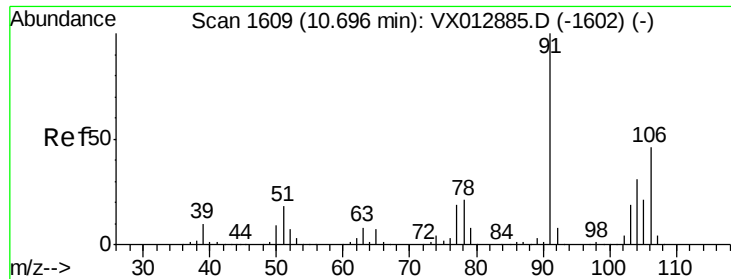
Tot Ion: 91 Resp: 1515477
Ion Ratio Lower Upper
91 100
106 31.4 23.9 35.9



#68
m/p-Xylenes
Concen: 286.662 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

Tgt Ion:106 Resp: 1139464
Ion Ratio Lower Upper
106 100
91 206.9 165.3 247.9

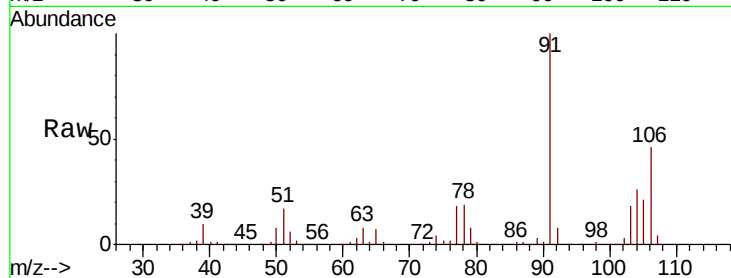




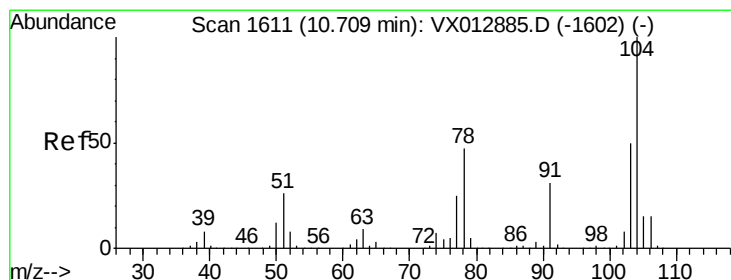
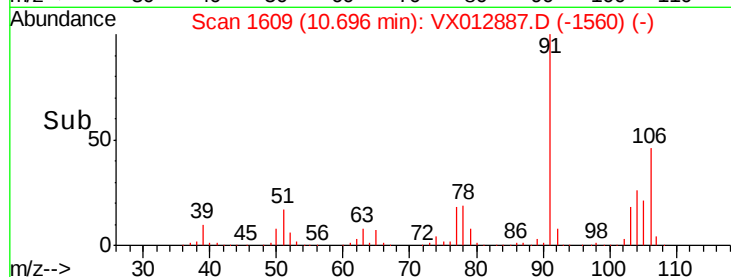
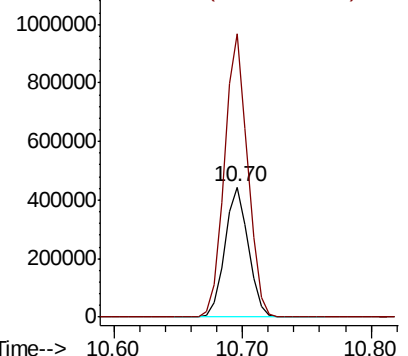
#69
o-Xylene
Concen: 145.285 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 559636
Ion Ratio Lower Upper
106 100
91 214.9 109.1 327.3

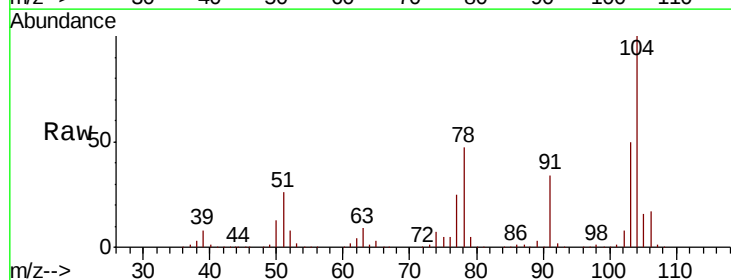


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

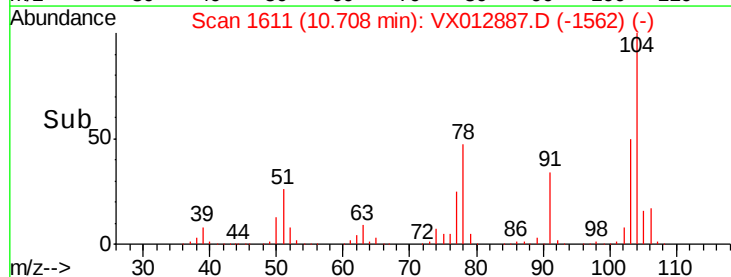
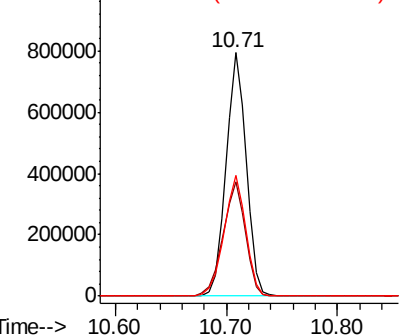


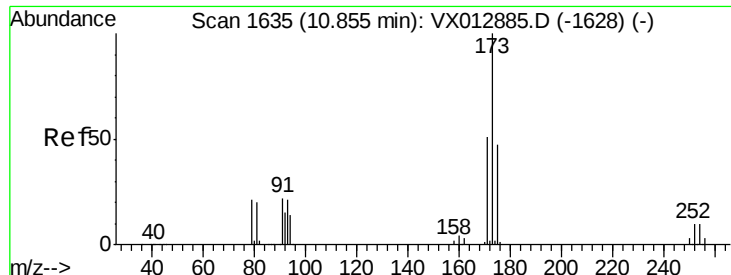
#70
Styrene
Concen: 153.936 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

Tgt Ion:104 Resp: 994973
Ion Ratio Lower Upper
104 100
78 51.9 41.2 61.8
103 53.6 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: 172.484 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

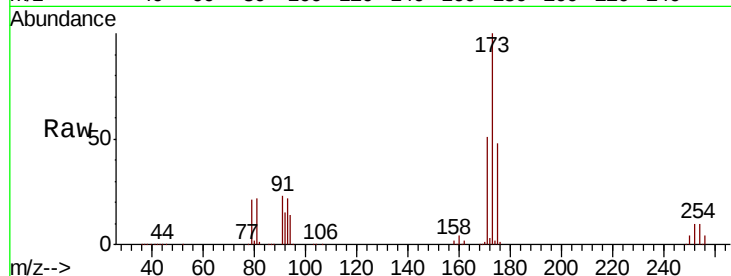
Tot Ion:173 Resp: 256350

Ion Ratio Lower Upper

173 100

175 48.5 24.1 72.3

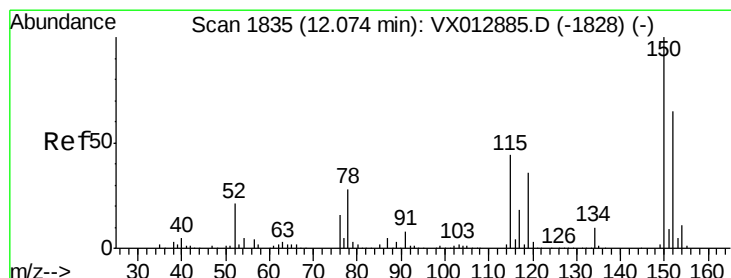
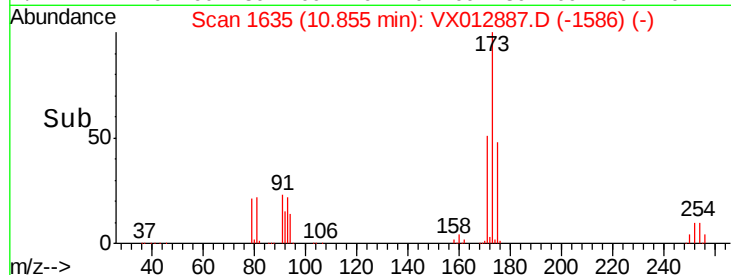
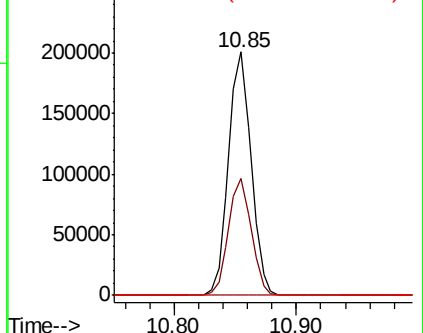
254 0.1 0.1 0.1



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: VX012887.D

Acq: 08 Oct 2019 13:00

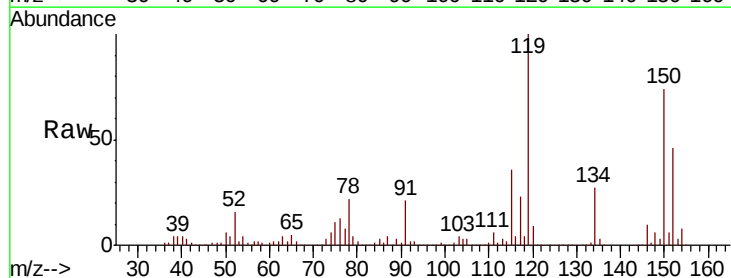
Tgt Ion:152 Resp: 134493

Ion Ratio Lower Upper

152 100

115 135.4 44.5 133.5#

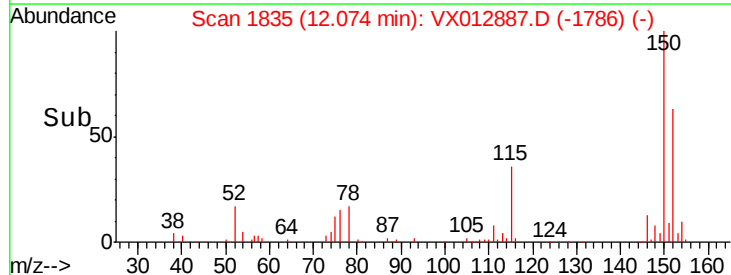
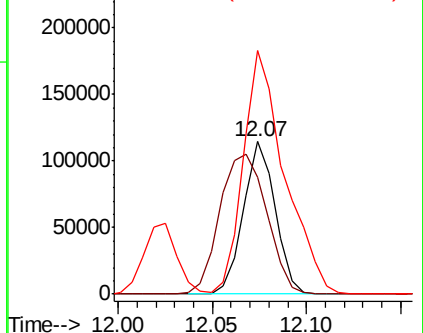
150 207.3 0.0 353.4

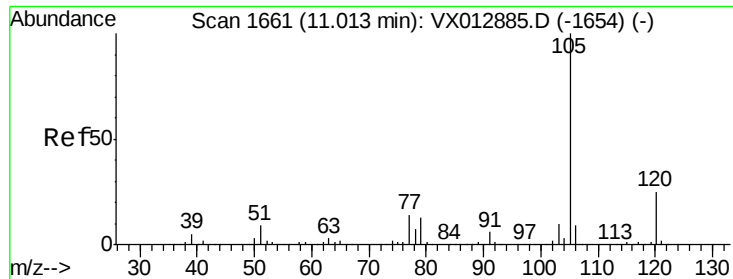


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 134.112 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Instrument :

MSVOA_X

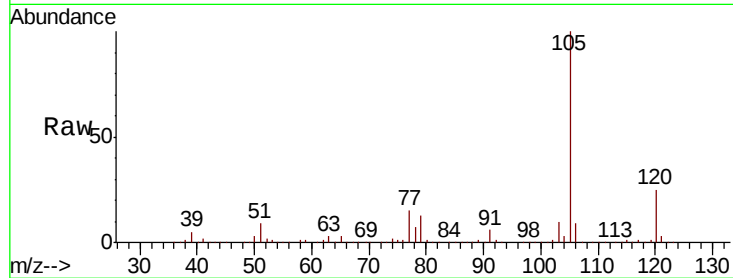
ClientSampled :

Tot Ion:105 Resp: 1470049

Ion Ratio Lower Upper

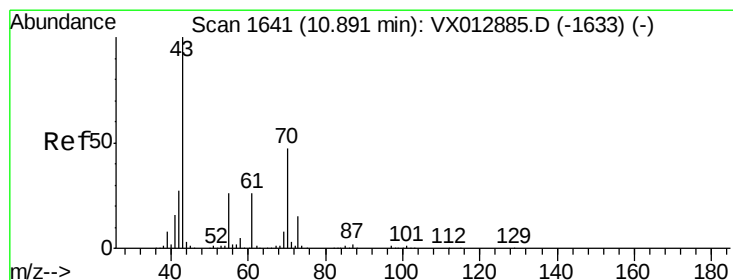
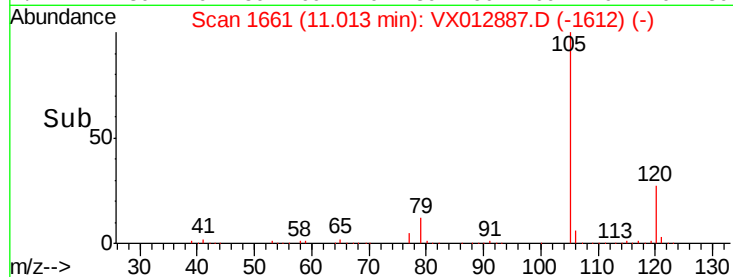
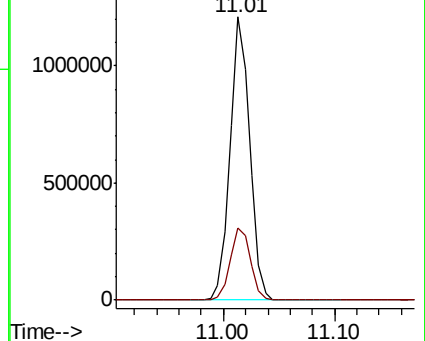
105 100

120 26.2 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: 135.459 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Tgt Ion: 43 Resp: 696744

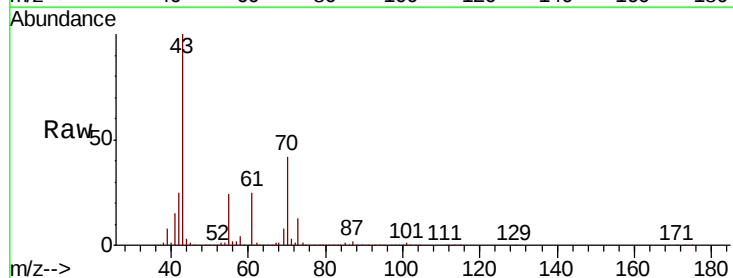
Ion Ratio Lower Upper

43 100

70 44.8 36.4 54.6

55 24.3 20.2 30.2

61 25.3 20.5 30.7

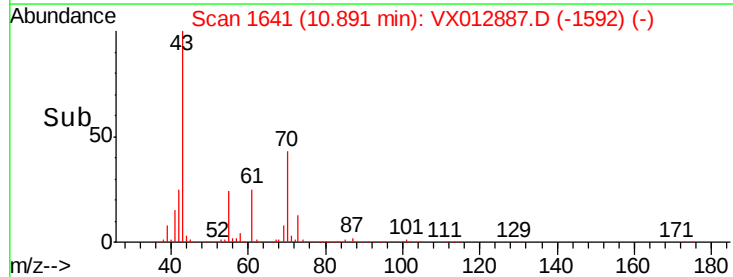
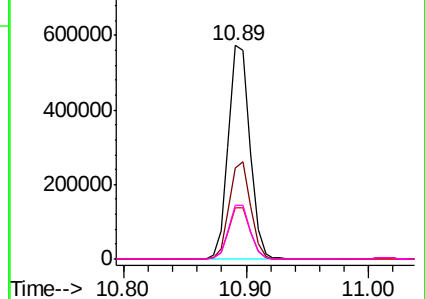


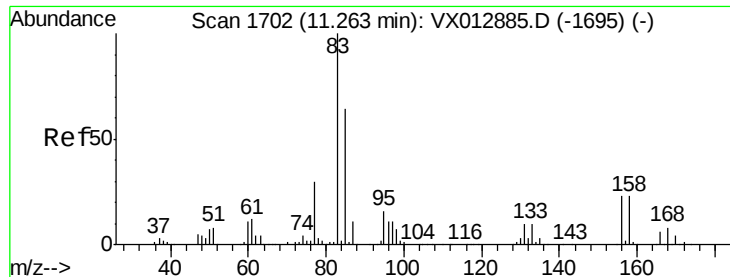
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 134.457 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Instrument :

MSVOA_X

ClientSampled :

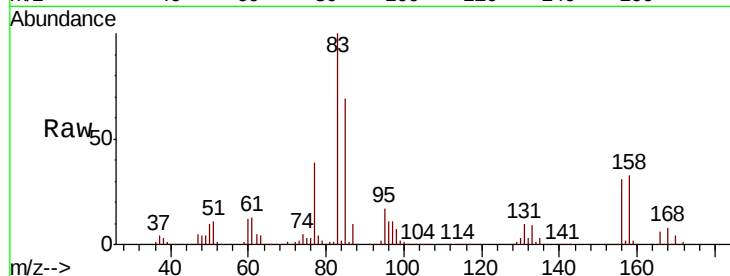
Tot Ion: 83 Resp: 485267

Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.1	15.3
85	64.9	32.1	96.5

83 100

131 10.0 5.1 15.3

85 64.9 32.1 96.5



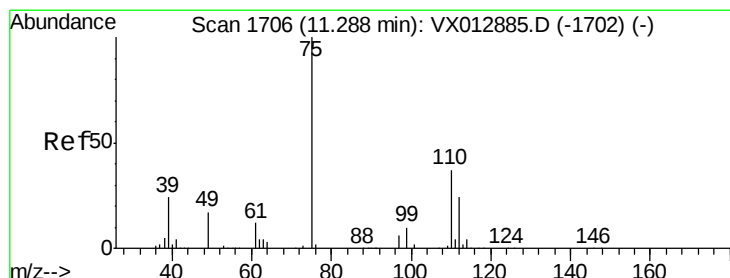
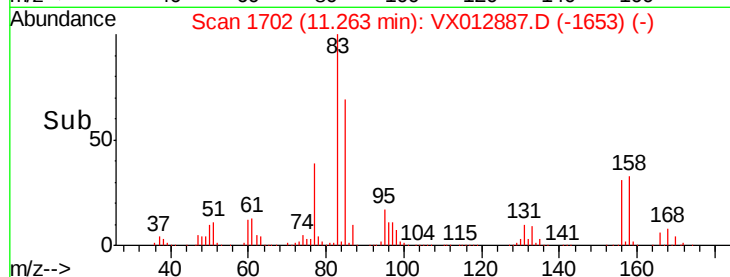
Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

11.26

Time-->



#76

1,2,3-Trichloropropane

Concen: 171.528 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX012887.D

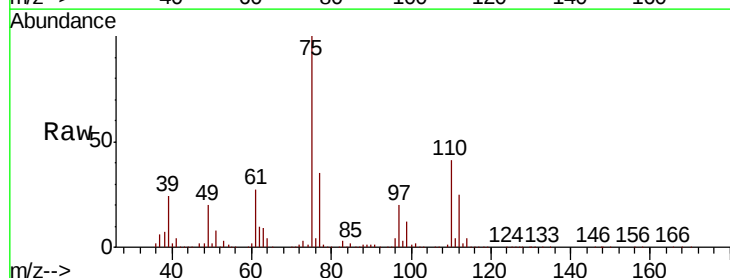
Acq: 08 Oct 2019 13:00

Tgt Ion: 75 Resp: 590150

Ion	Ratio	Lower	Upper
75	100		
77	32.2	22.9	68.8

75 100

77 32.2 22.9 68.8

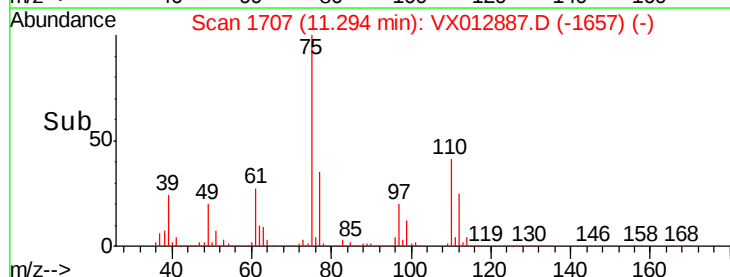


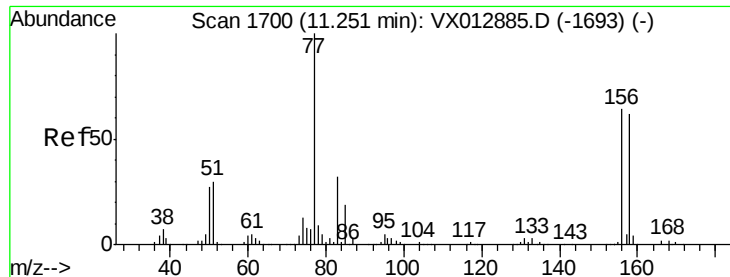
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.29

Time-->





#77

Bromobenzene

Concen: 140.850 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

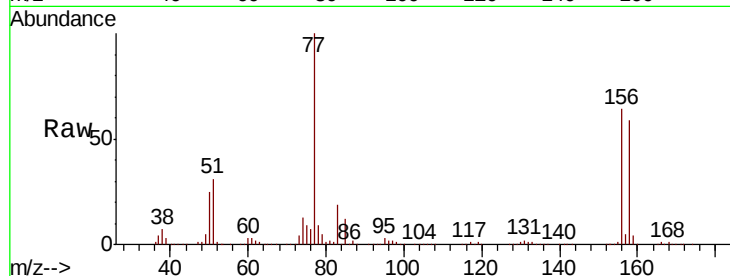
Tot Ion:156 Resp: 350691

Ion Ratio Lower Upper

156 100

77 167.2 83.7 251.0

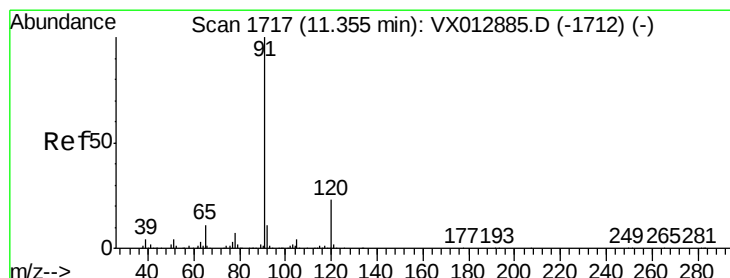
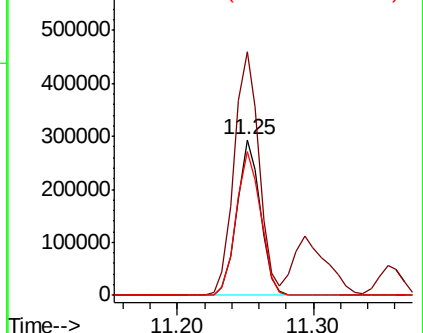
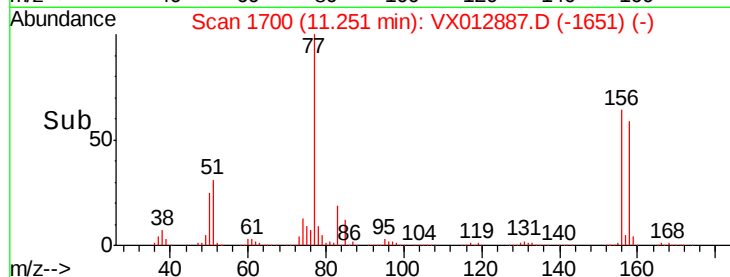
158 97.1 48.6 145.9



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: 138.232 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012887.D

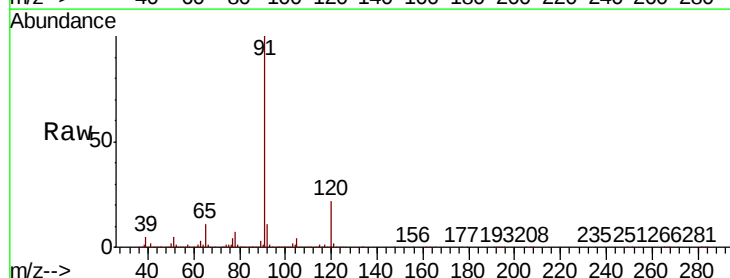
Acq: 08 Oct 2019 13:00

Tgt Ion: 91 Resp: 1696951

Ion Ratio Lower Upper

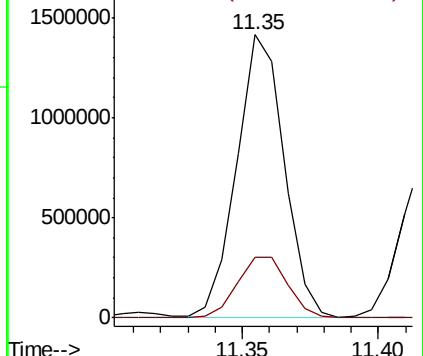
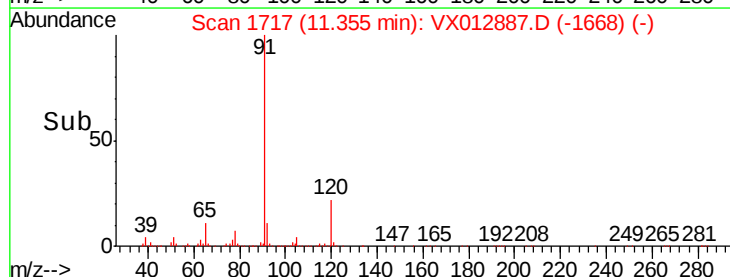
91 100

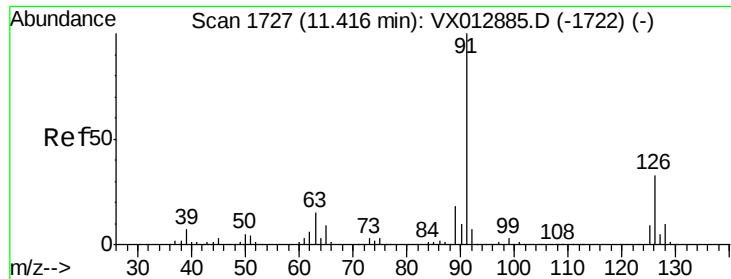
120 23.1 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

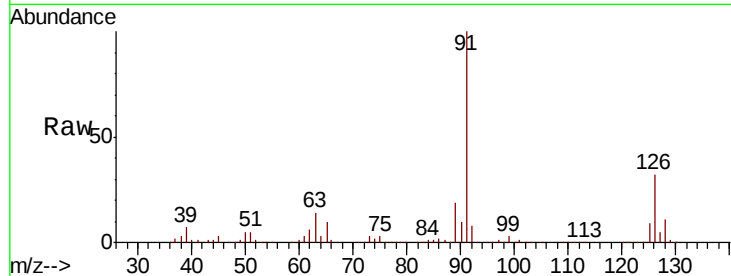




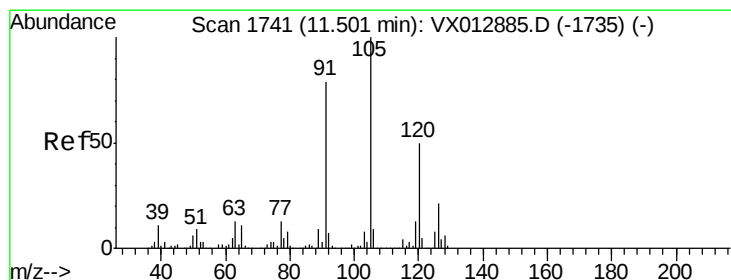
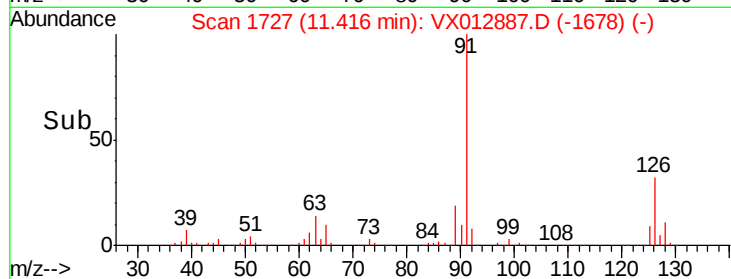
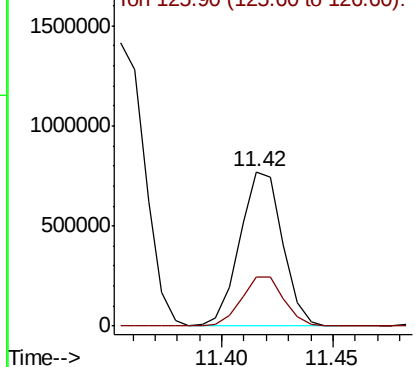
#79
 2-Chlorotoluene
 Concen: 133.874 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012887.D
 Acq: 08 Oct 2019 13:00

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 91 Resp: 1027536
 Ion Ratio Lower Upper
 91 100
 126 32.2 16.3 48.8

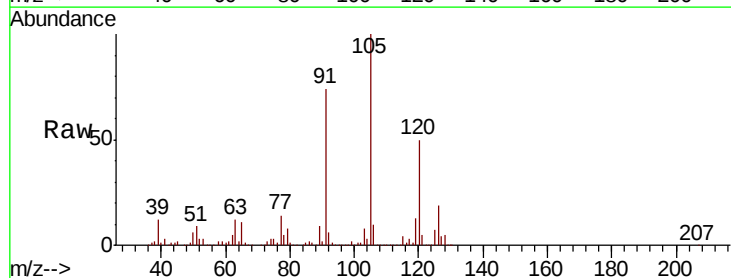


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

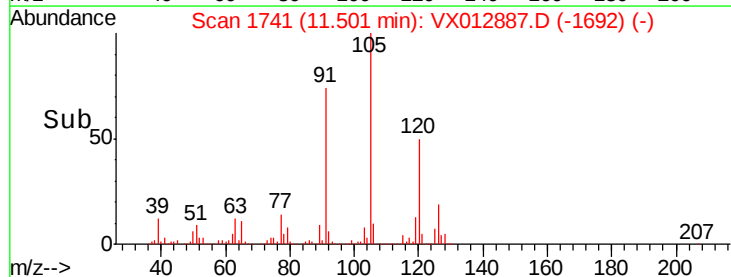
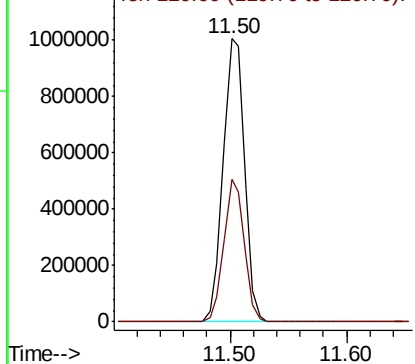


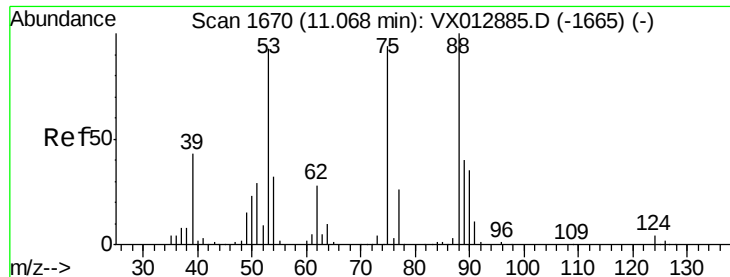
#80
 1,3,5-Trimethylbenzene
 Concen: 138.504 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012887.D
 Acq: 08 Oct 2019 13:00

Tgt Ion:105 Resp: 1272279
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.8 74.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 151.032 ug/l

RT: 11.07 min Scan# 1671

Delta R.T. 0.01 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

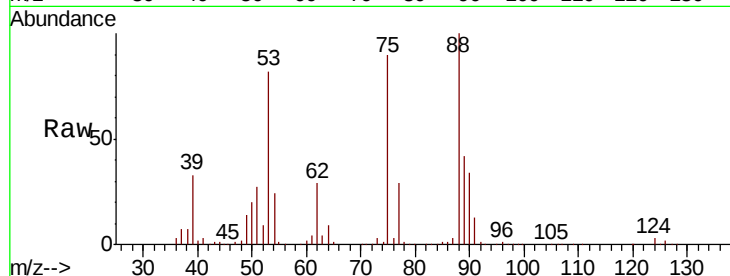
Tot Ion: 75 Resp: 184501

Ion Ratio Lower Upper

75 100

53 92.7 78.5 117.7

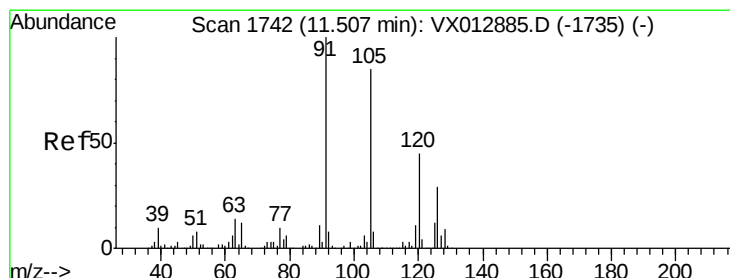
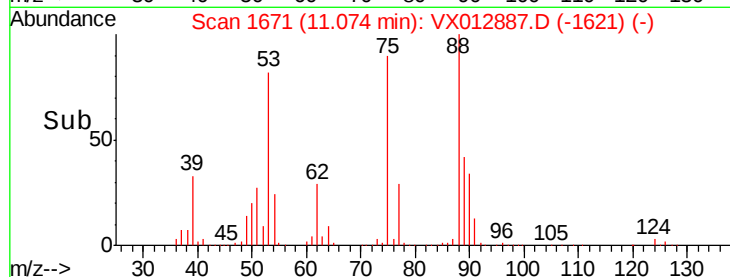
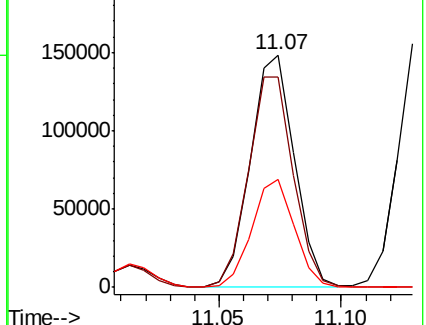
89 45.3 37.4 56.2



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: 134.404 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012887.D

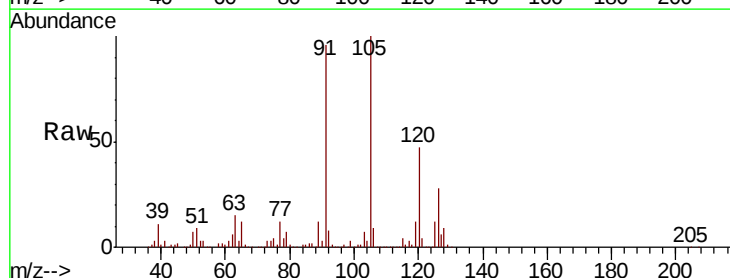
Acq: 08 Oct 2019 13:00

Tgt Ion: 91 Resp: 1176797

Ion Ratio Lower Upper

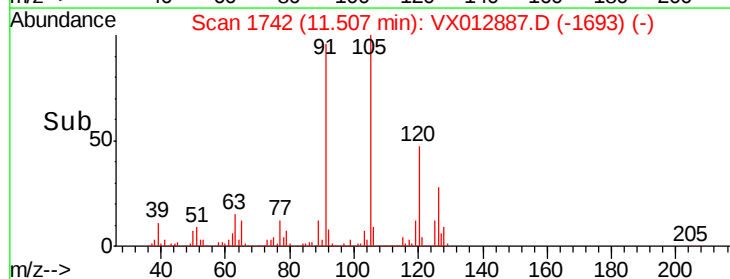
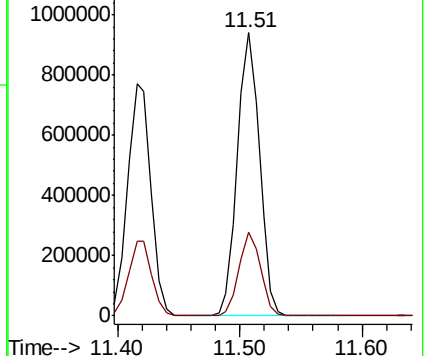
91 100

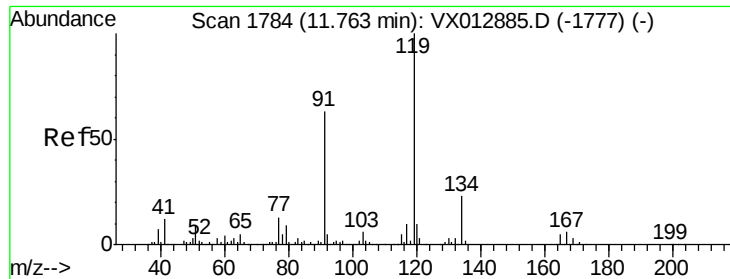
126 28.7 14.2 42.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

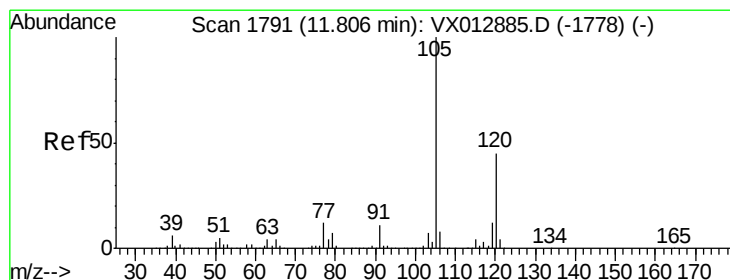
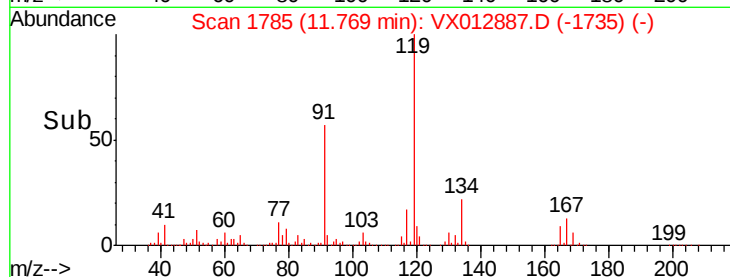
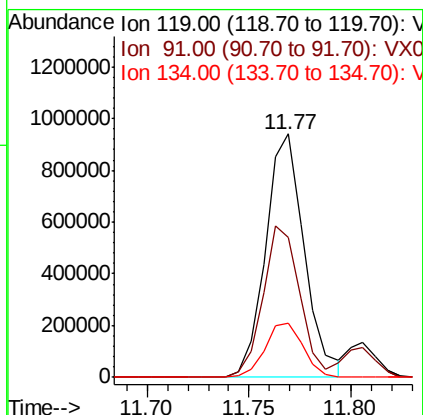
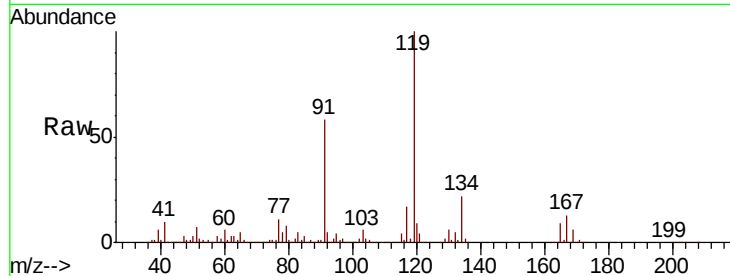




#83
tert-Butylbenzene
Concen: 139.787 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.01 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

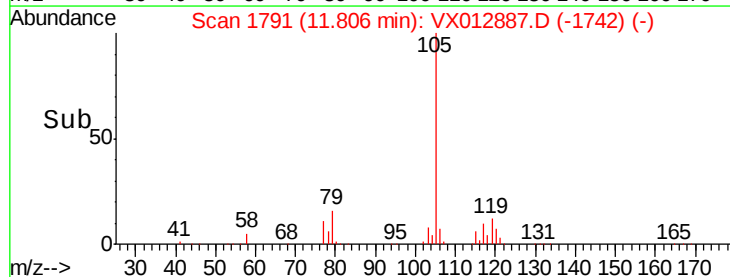
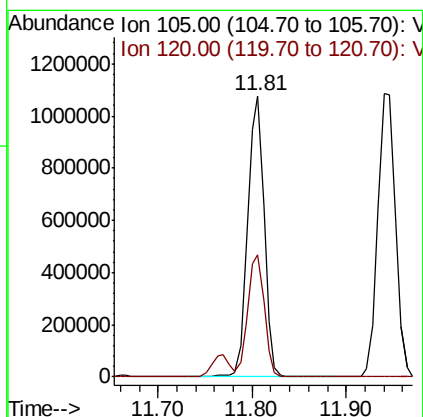
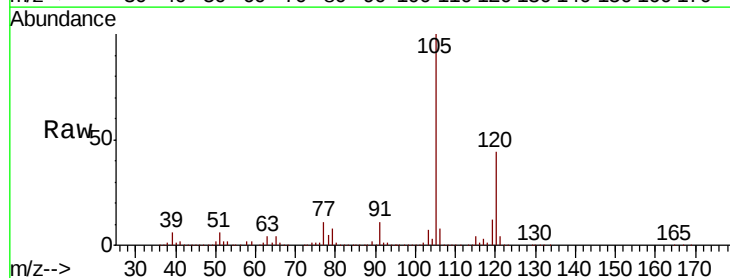
Instrument :
MSVOA_X
ClientSampleId :

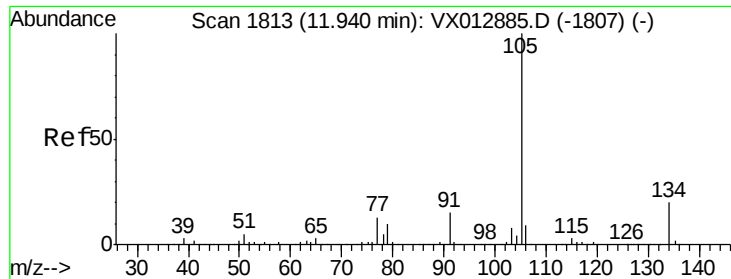
Tot Ion:119 Resp: 1243763
Ion Ratio Lower Upper
119 100
91 59.2 29.3 87.9
134 22.1 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 141.059 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

Tgt Ion:105 Resp: 1309806
Ion Ratio Lower Upper
105 100
120 43.7 21.8 65.3





#85

sec-Butylbenzene

Concen: 136.907 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Instrument :

MSVOA_X

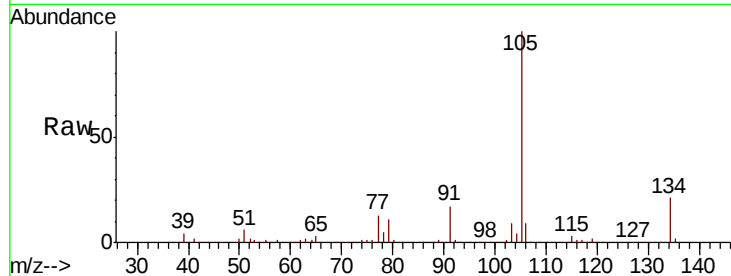
ClientSampled :

Tot Ion:105 Resp: 1415873

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

1200000

1000000

800000

600000

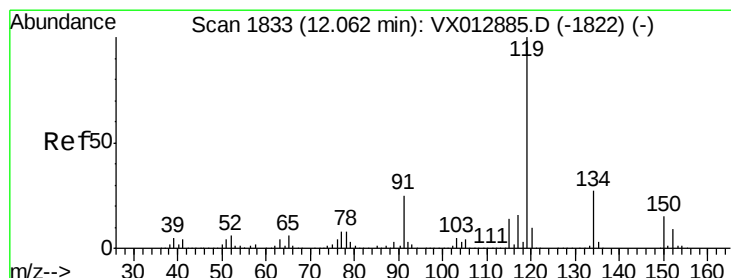
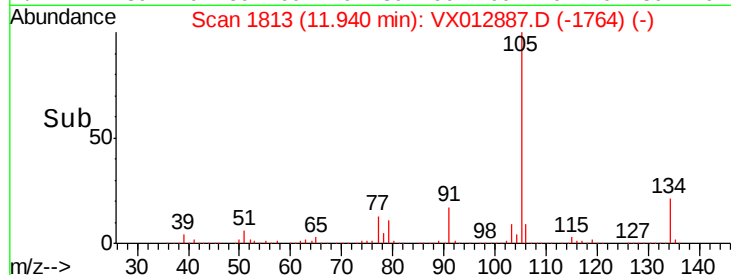
400000

200000

0

11.90 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 147.485 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

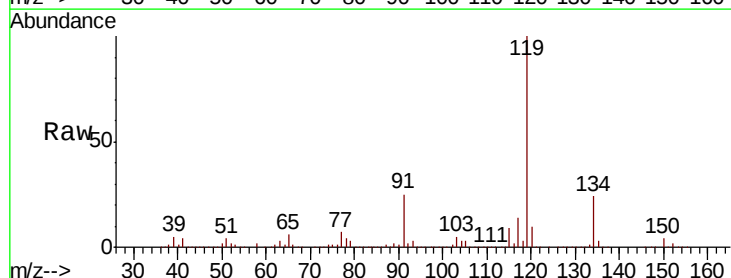
Tgt Ion:119 Resp: 1375121

Ion Ratio Lower Upper

119 100

134 24.9 12.6 37.8

91 24.7 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

1500000

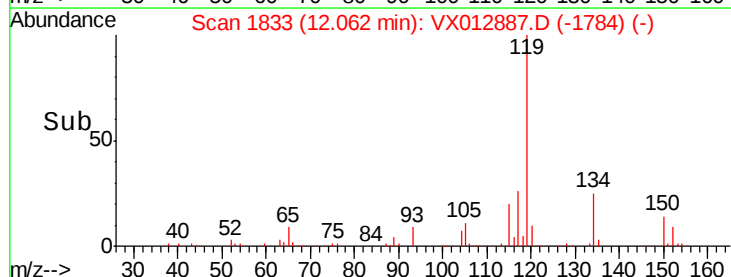
1000000

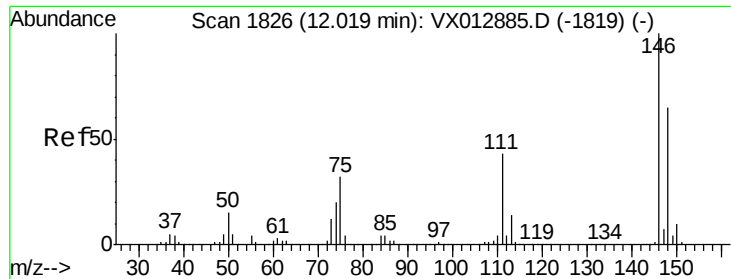
500000

0

11.90 12.00 12.10 12.20

Time-->

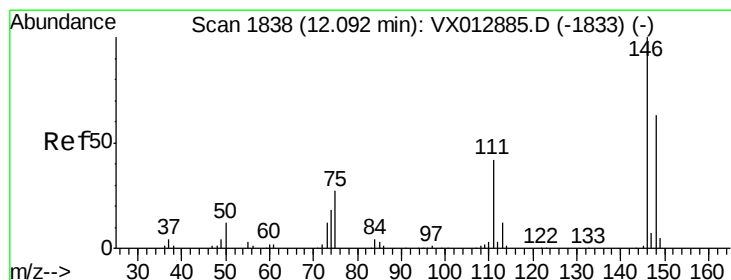
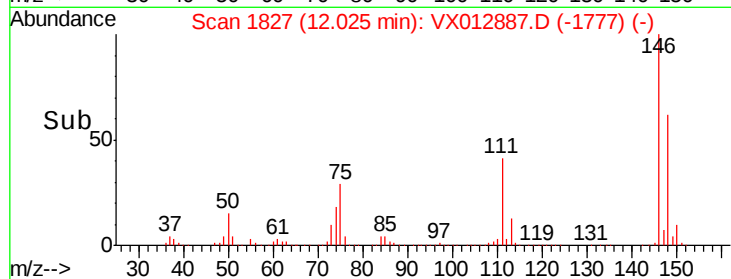
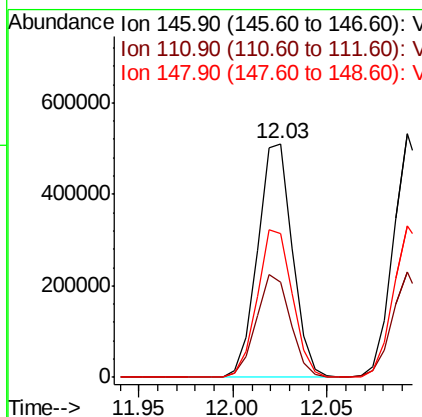
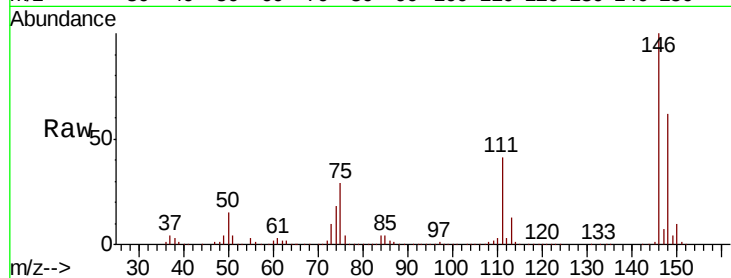




#87
 1,3-Dichlorobenzene
 Concen: 145.378 ug/l
 RT: 12.03 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: VX012887.D
 Acq: 08 Oct 2019 13:00

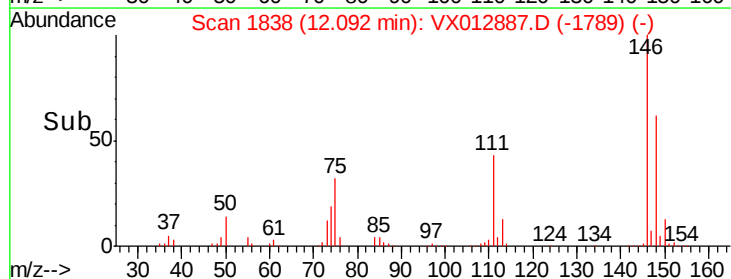
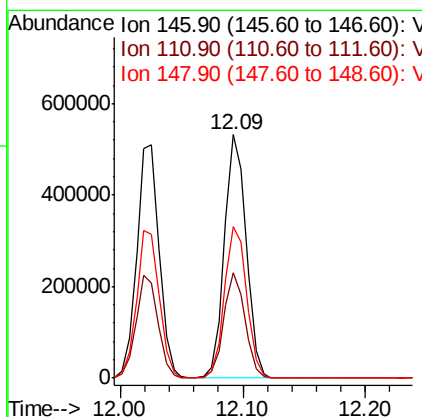
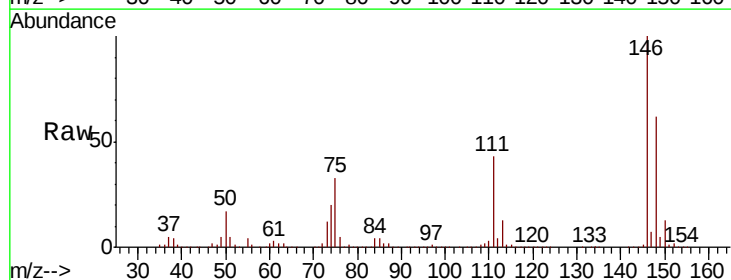
Instrument :
 MSVOA_X
 ClientSampleId :

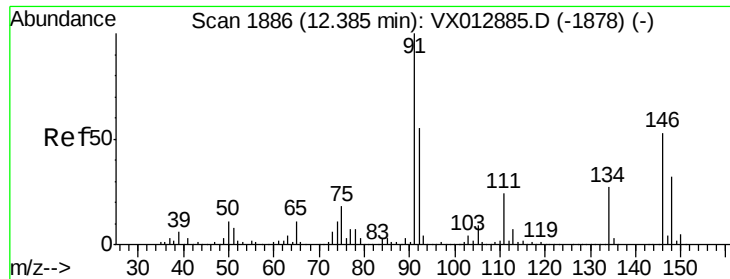
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.1	63.4
148	63.5	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 144.524 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012887.D
 Acq: 08 Oct 2019 13:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.4	64.3
148	63.2	32.1	96.5





#89

n-Butylbenzene

Concen: 140.972 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

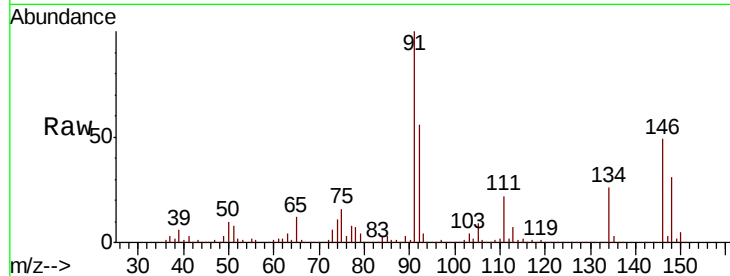
Tot Ion: 91 Resp: 1153301

Ion Ratio Lower Upper

91 100

92 56.3 27.5 82.5

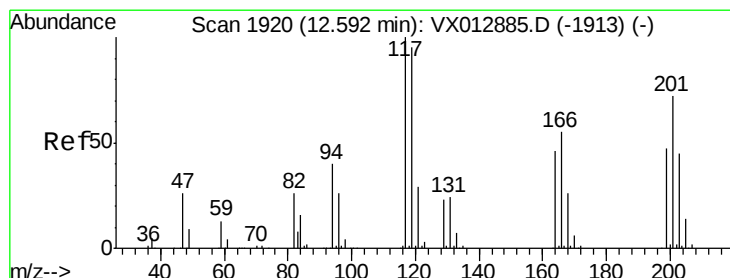
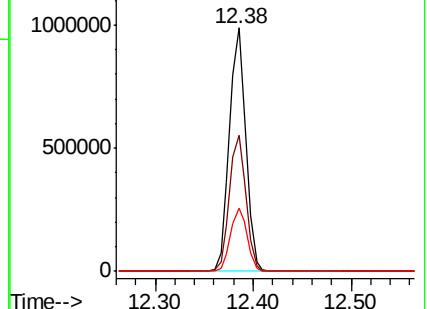
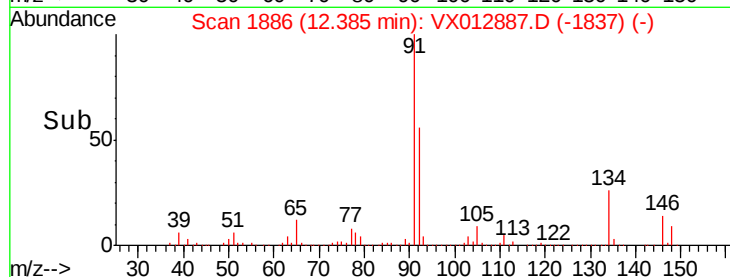
134 26.3 12.9 38.7



Abundance Ion 91.00 (90.70 to 91.70): VX012887.D (-1878) (-)

Ion 92.00 (91.70 to 92.70): VX012887.D (-1878) (-)

Ion 134.00 (133.70 to 134.70): VX012887.D (-1878) (-)



#90

Hexachloroethane

Concen: 150.381 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX012887.D

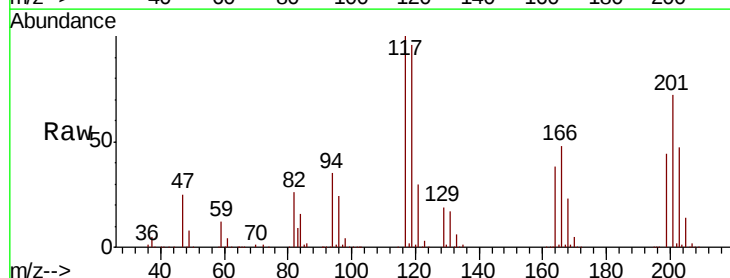
Acq: 08 Oct 2019 13:00

Tgt Ion: 117 Resp: 248509

Ion Ratio Lower Upper

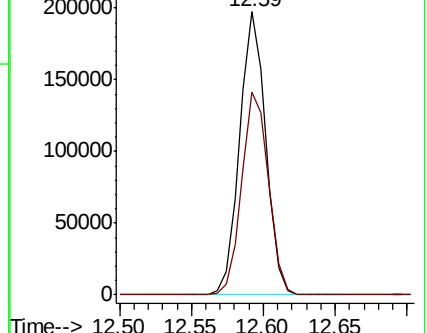
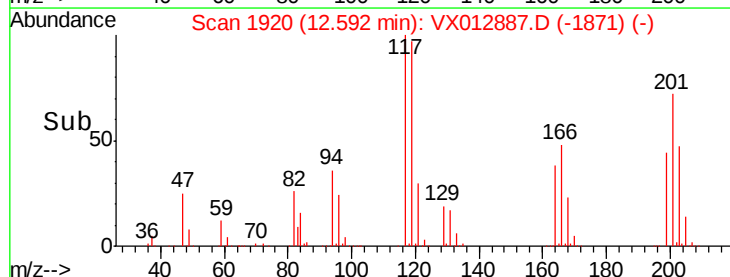
117 100

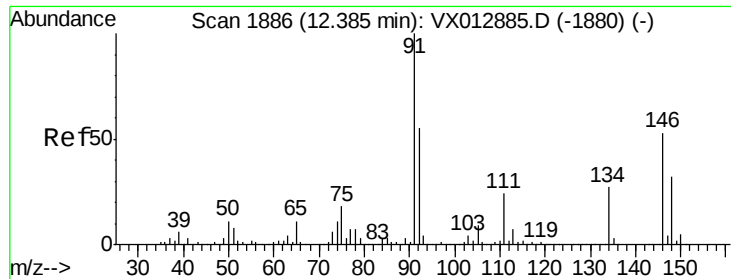
201 73.2 36.9 110.7



Abundance Ion 116.80 (116.50 to 117.50): VX012887.D (-1871) (-)

Ion 200.70 (200.40 to 201.40): VX012887.D (-1871) (-)





#91

1,2-Dichlorobenzene

Concen: 137.962 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

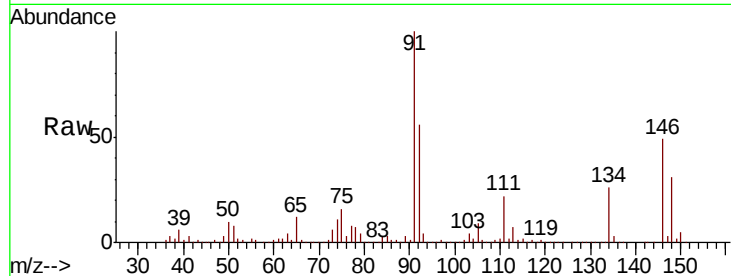
Tot Ion:146 Resp: 618454

Ion Ratio Lower Upper

146 100

111 44.2 22.7 68.0

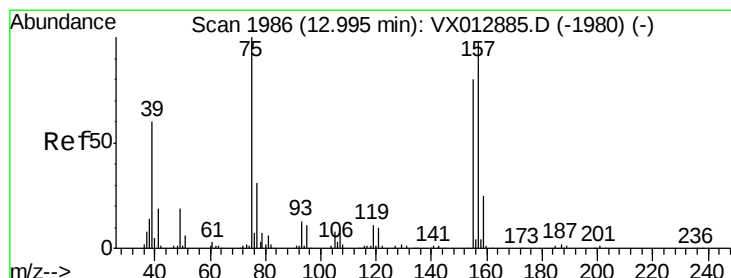
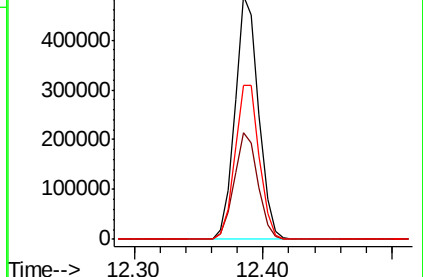
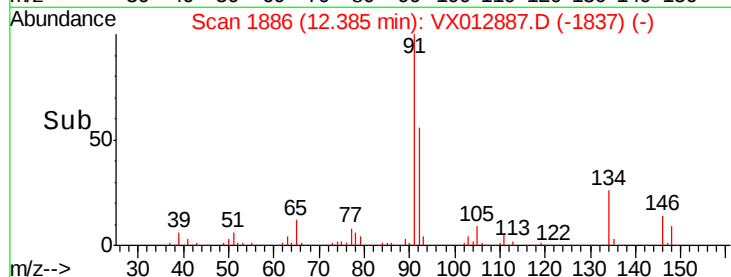
148 65.5 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 138.651 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

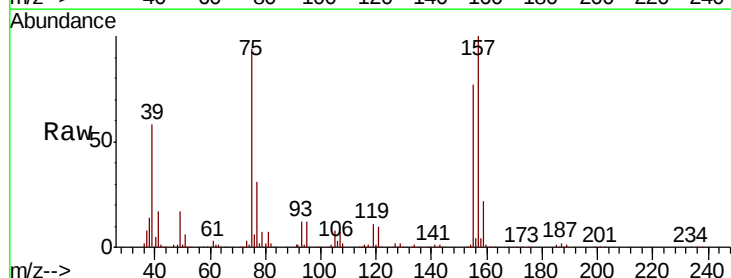
Tgt Ion: 75 Resp: 124147

Ion Ratio Lower Upper

75 100

155 84.3 43.0 128.8

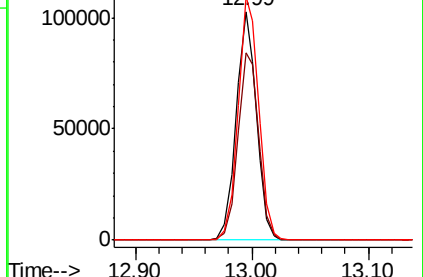
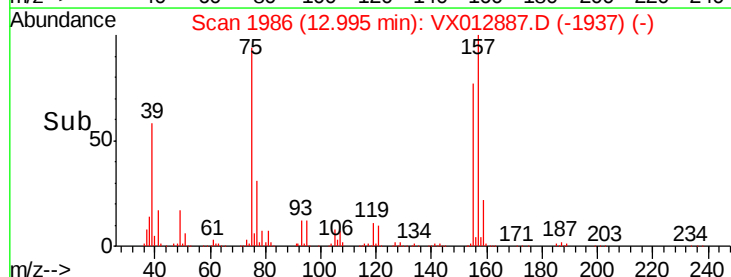
157 107.9 54.1 162.3

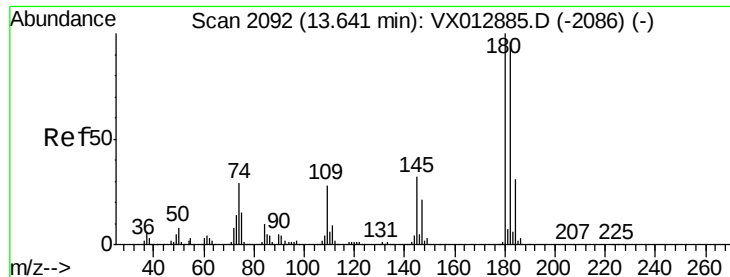


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

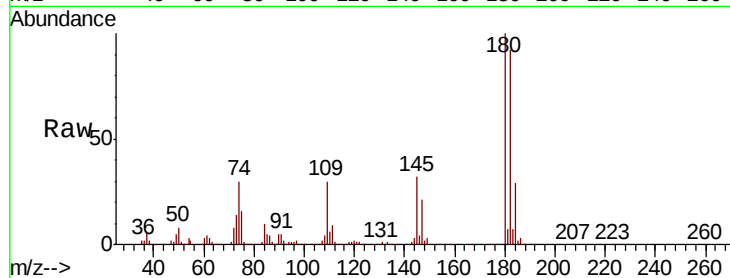




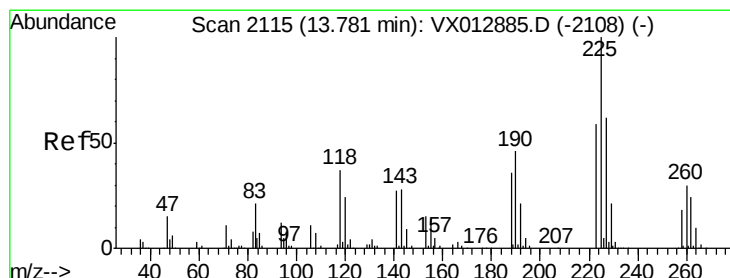
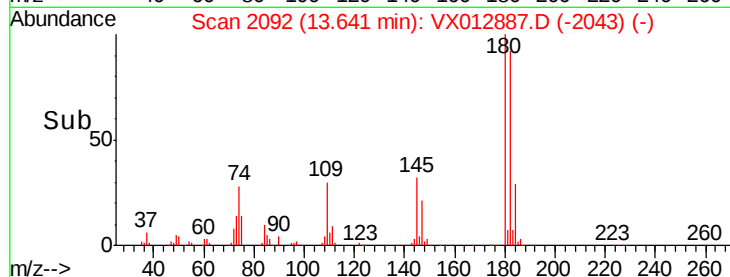
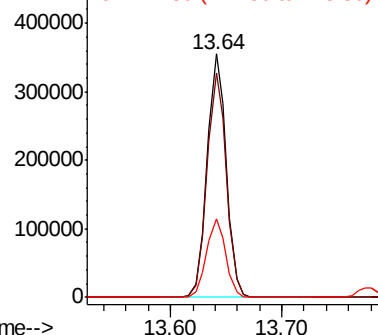
#93
1,2,4-Trichlorobenzene
Concen: 152.610 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.0	46.8	140.4
145	32.6	16.2	48.6

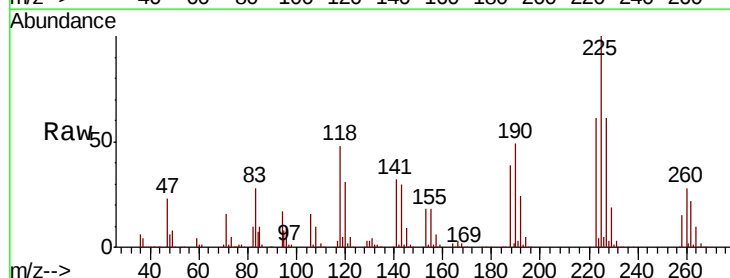


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

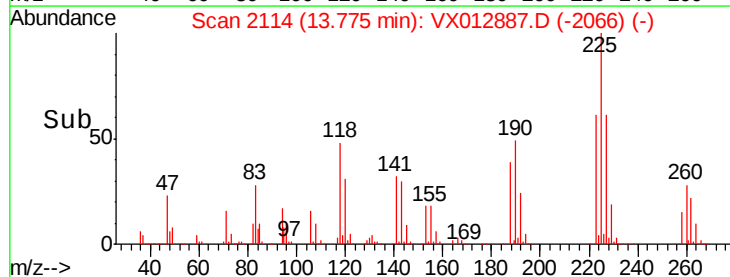
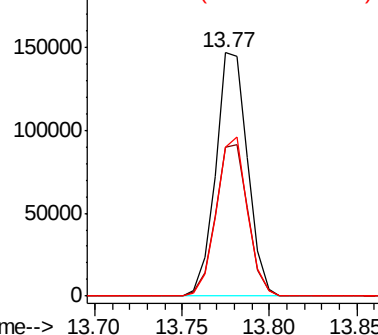


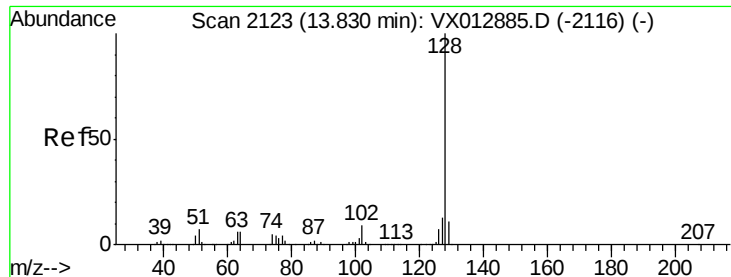
#94
Hexachlorobutadiene
Concen: 154.913 ug/l
RT: 13.77 min Scan# 2114
Delta R.T. -0.01 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.1	93.2
227	63.5	32.3	96.9



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

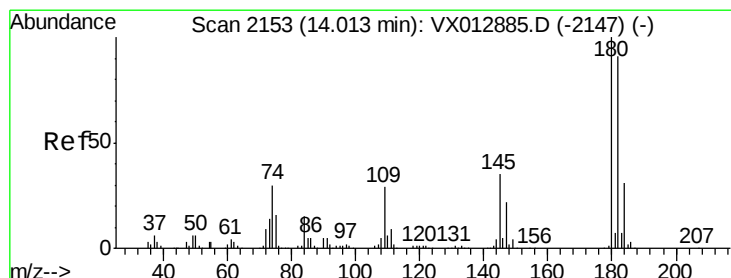
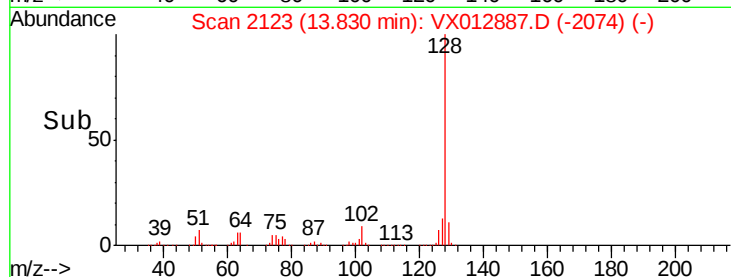
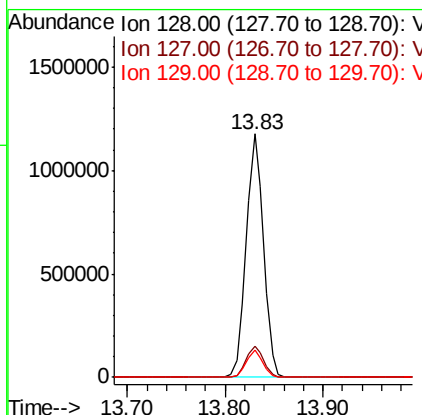
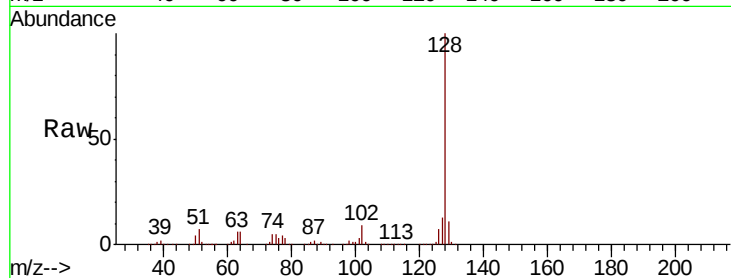




#95
Naphthalene
Concen: 146.050 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 1440213
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 150.056 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

Tgt Ion:180 Resp: 412955
Ion Ratio Lower Upper
180 100
182 93.8 47.5 142.5
145 35.1 17.4 52.3

