

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100819\
 Data File : VX012890.D
 Acq On : 08 Oct 2019 15:30
 Operator : JC/SP
 Sample : VX1008WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 09 02:09:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	189732	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	314394	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	281851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	128133	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	114358	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
35) Dibromofluoromethane	5.48	113	90700	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
50) Toluene-d8	8.71	98	348974	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
62) 4-Bromofluorobenzene	11.14	95	134924	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	40152	20.761	ug/l	99
3) Chloromethane	1.32	50	41134	19.543	ug/l	93
4) Vinyl Chloride	1.40	62	42101	19.380	ug/l	95
5) Bromomethane	1.63	94	20526	22.729	ug/l	95
6) Chloroethane	1.72	64	25693	19.587	ug/l	99
7) Trichlorofluoromethane	1.92	101	58491	19.948	ug/l	97
8) Diethyl Ether	2.18	74	23962	20.246	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	38400	20.235	ug/l	100
10) Methyl Iodide	2.50	142	28473	16.980	ug/l	99
11) Tert butyl alcohol	3.03	59	57105	90.839	ug/l	97
12) 1,1-Dichloroethene	2.36	96	38241	19.945	ug/l	96
13) Acrolein	2.28	56	36876	82.543	ug/l	100
14) Allyl chloride	2.72	41	68884	20.174	ug/l	97
15) Acrylonitrile	3.13	53	117478	98.612	ug/l	99
16) Acetone	2.43	43	119183	95.349	ug/l	99
17) Carbon Disulfide	2.56	76	103679	18.964	ug/l	100
18) Methyl Acetate	2.76	43	55856	18.853	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	135488	20.463	ug/l	100
20) Methylene Chloride	2.84	84	43955	19.134	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	41143	20.021	ug/l	96
22) Diisopropyl ether	3.84	45	134991	20.632	ug/l	97
23) Vinyl Acetate	3.80	43	582238	103.083	ug/l	99
24) 1,1-Dichloroethane	3.69	63	74254	20.173	ug/l	100
25) 2-Butanone	4.65	43	167673	96.688	ug/l	97
26) 2,2-Dichloropropane	4.58	77	63006	20.356	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	47105	19.886	ug/l	98
28) Bromochloromethane	5.00	49	23925	21.494	ug/l	98
29) Tetrahydrofuran	5.11	42	103369	96.865	ug/l	99
30) Chloroform	5.20	83	75353	19.951	ug/l	97
31) Cyclohexane	5.56	56	70849	20.585	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	66071	20.646	ug/l	97
36) 1,1-Dichloropropene	5.79	75	58123	21.027	ug/l	99
37) Ethyl Acetate	4.82	43	62686	20.281	ug/l	100
38) Carbon Tetrachloride	5.77	117	55284	20.548	ug/l	99

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 ClientSampleId :

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	71884	21.444	ug/l	99
40) Benzene	6.13	78	171366	20.990	ug/l	100
41) Methacrylonitrile	5.03	41	33320	19.618	ug/l	98
42) 1,2-Dichloroethane	6.18	62	60508	20.655	ug/l	99
43) Isopropyl Acetate	6.43	43	101194	20.398	ug/l	100
44) Trichloroethene	7.20	130	44430	19.625	ug/l	93
45) 1,2-Dichloropropane	7.50	63	43549	20.930	ug/l	99
46) Dibromomethane	7.65	93	28924	20.864	ug/l	98
47) Bromodichloromethane	7.89	83	55550	20.533	ug/l	96
48) Methyl methacrylate	7.76	41	48903	20.229	ug/l	99
49) 1,4-Dioxane	7.73	88	23107	378.762	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	311466	100.699	ug/l	100
52) Toluene	8.78	92	108289	20.733	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	61795	19.678	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	67342	20.239	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	42709	20.663	ug/l	98
56) Ethyl methacrylate	9.17	69	68034	19.539	ug/l	98
57) 1,3-Dichloropropane	9.37	76	73136	20.455	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	161400	106.294	ug/l	99
59) 2-Hexanone	9.48	43	241734	100.399	ug/l	99
60) Dibromochloromethane	9.57	129	41395	19.185	ug/l	100
61) 1,2-Dibromoethane	9.67	107	45272	20.821	ug/l	97
64) Tetrachloroethene	9.33	164	41414	21.185	ug/l	94
65) Chlorobenzene	10.14	112	113134	20.213	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	39904	20.562	ug/l	99
67) Ethyl Benzene	10.25	91	207959	20.917	ug/l	98
68) m/p-Xylenes	10.35	106	155406	41.841	ug/l	100
69) o-Xylene	10.70	106	76013	20.987	ug/l	98
70) Styrene	10.71	104	128797	20.917	ug/l	99
71) Bromoform	10.85	173	27226	18.569	ug/l #	100
73) Isopropylbenzene	11.01	105	201302	21.368	ug/l	99
74) N-amyl acetate	10.89	43	83831	20.662	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	63512	20.270	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	74231	26.119	ug/l	76
77) Bromobenzene	11.25	156	46858	21.108	ug/l	99
78) n-propylbenzene	11.35	91	217350	20.967	ug/l	99
79) 2-Chlorotoluene	11.42	91	134851	20.699	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	168116	21.372	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	19049	19.912	ug/l	96
82) 4-Chlorotoluene	11.51	91	157552	21.099	ug/l	98
83) tert-Butylbenzene	11.76	119	159925	20.841	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	167902	21.075	ug/l	98
85) sec-Butylbenzene	11.94	105	192422	21.645	ug/l	98
86) p-Isopropyltoluene	12.06	119	175014	21.227	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	82942	20.120	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	84345	20.202	ug/l	98
89) n-Butylbenzene	12.39	91	149612	21.591	ug/l	97
90) Hexachloroethane	12.59	117	27907	19.619	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	82136	20.323	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	14580	19.853	ug/l	93

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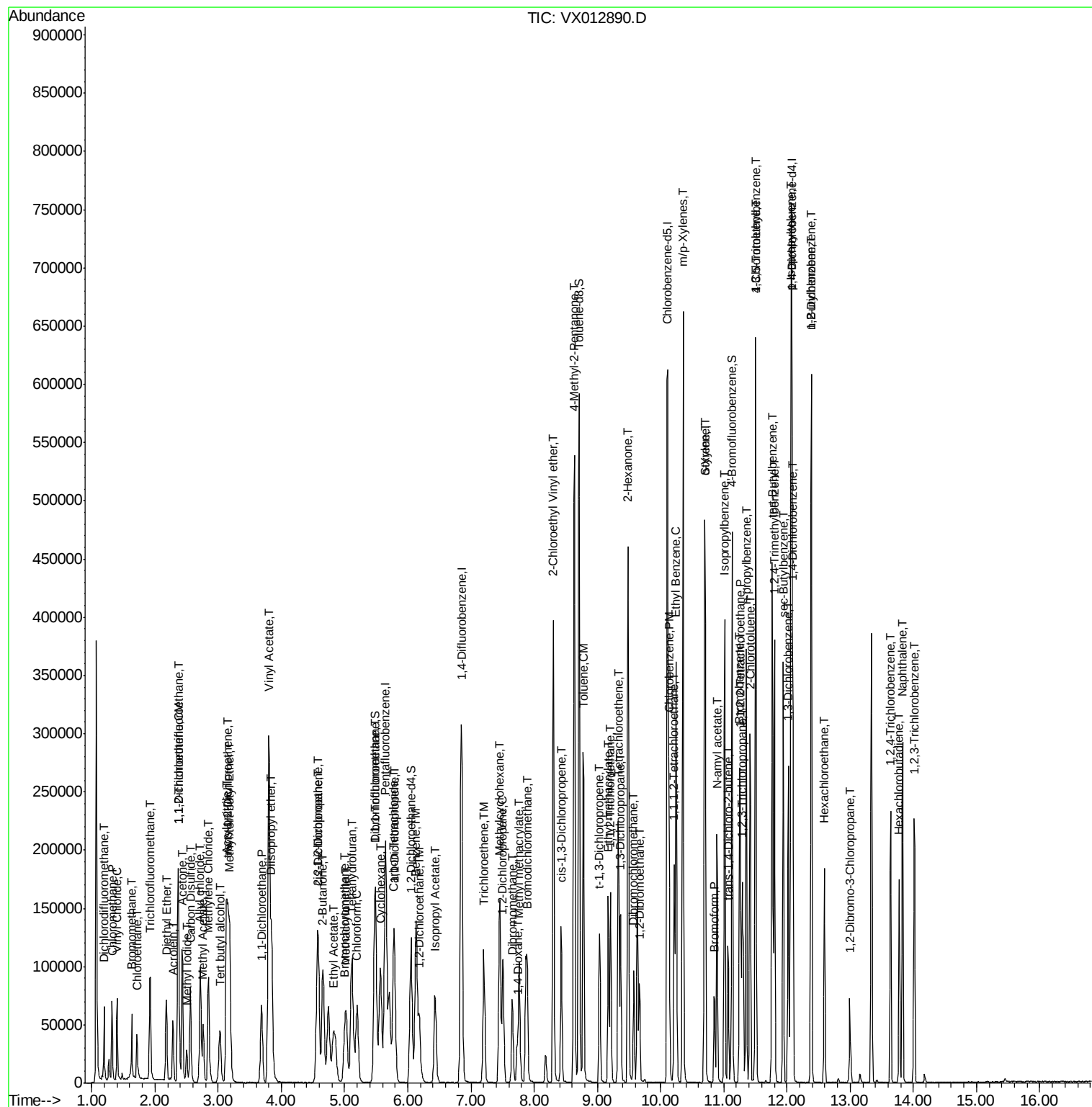
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	51609	20.385	ug/l	99
94) Hexachlorobutadiene	13.78	225	23547	20.154	ug/l	99
95) Naphthalene	13.83	128	176711	20.136	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	51273	19.598	ug/l	98

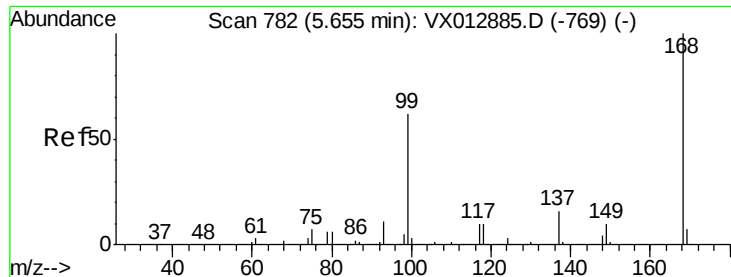
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

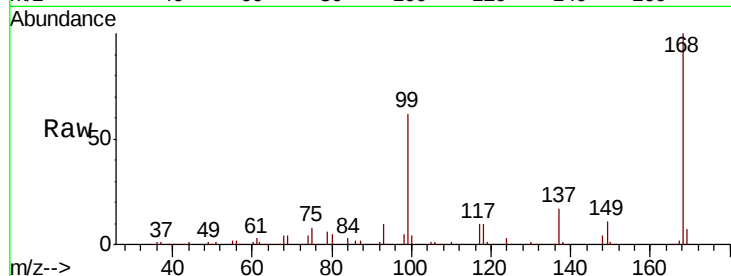
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 189732

Ion Ratio Lower Upper

168 100

99 61.6 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

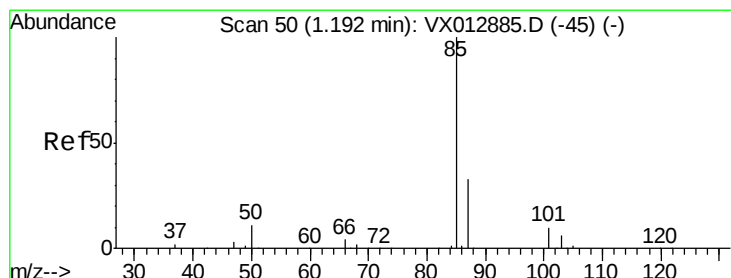
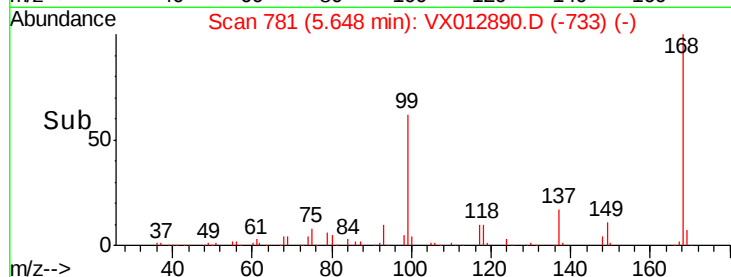
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.761 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX012890.D

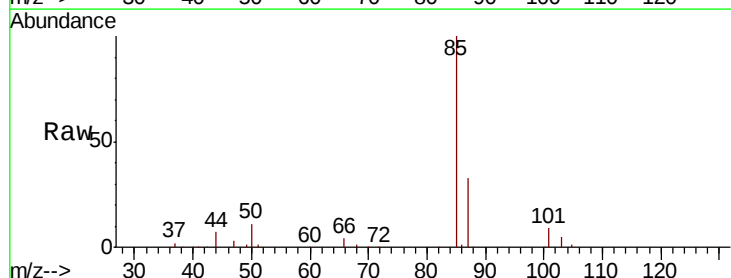
Acq: 08 Oct 2019 15:30

Tgt Ion: 85 Resp: 40152

Ion Ratio Lower Upper

85 100

87 32.6 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

40000

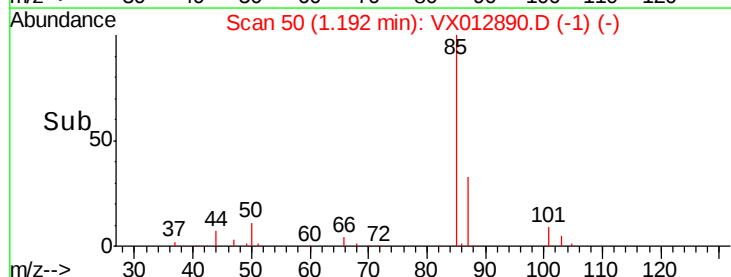
30000

20000

10000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 19.543 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

Instrument :

MSVOA_X

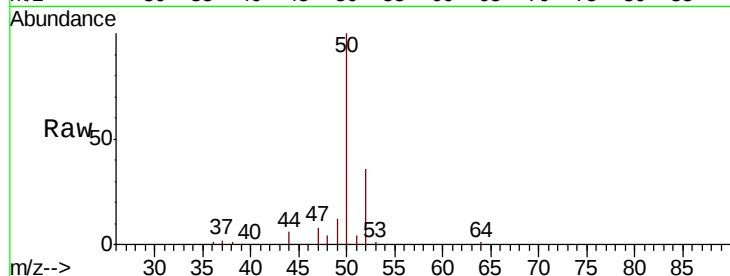
ClientSampleId :

Tot Ion: 50 Resp: 41134

Ion Ratio Lower Upper

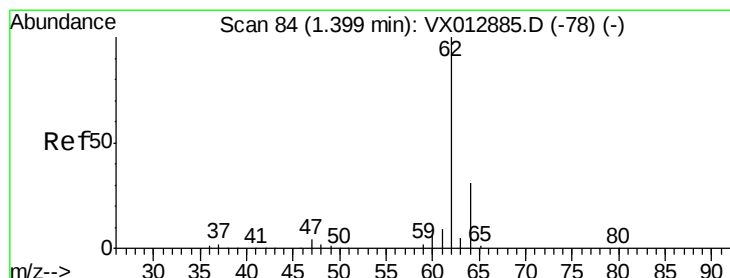
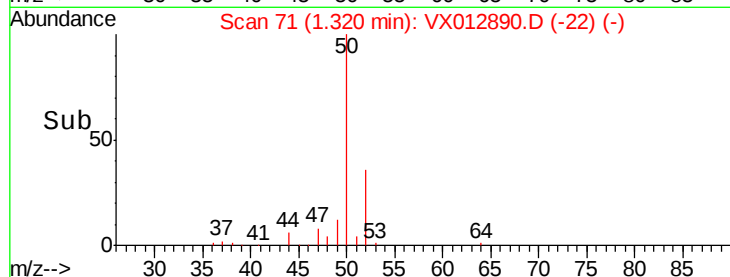
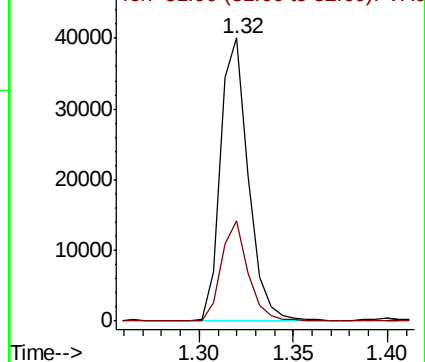
50 100

52 35.6 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: 19.380 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012890.D

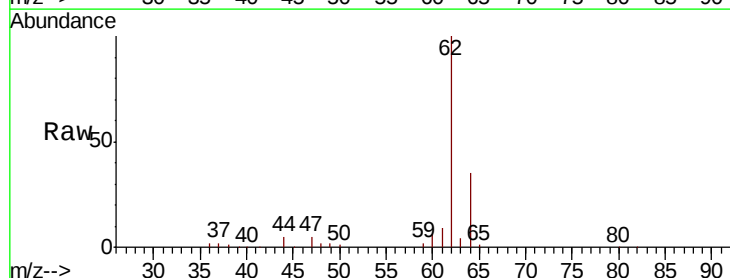
Acq: 08 Oct 2019 15:30

Tgt Ion: 62 Resp: 42101

Ion Ratio Lower Upper

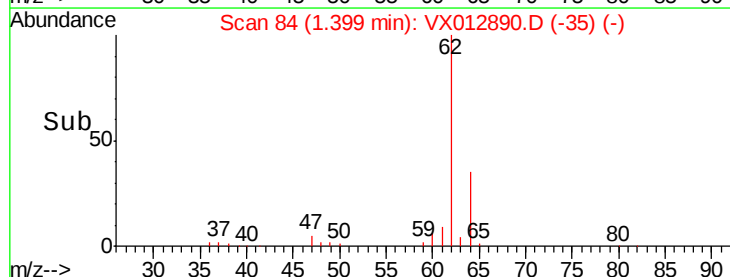
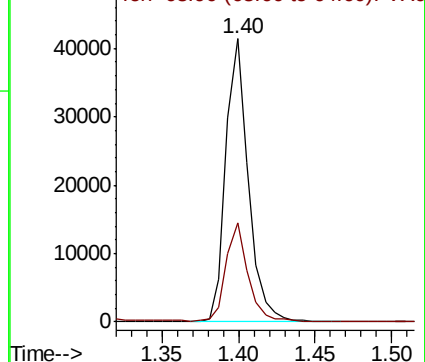
62 100

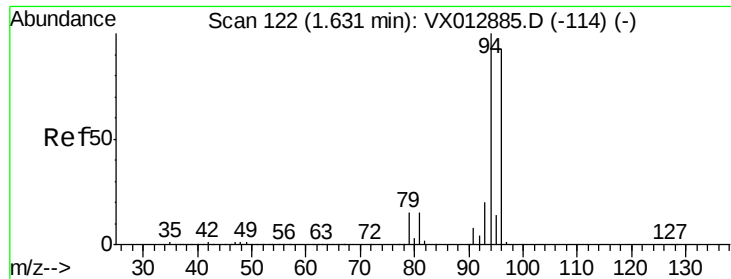
64 34.5 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 22.729 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

Instrument :

MSVOA_X

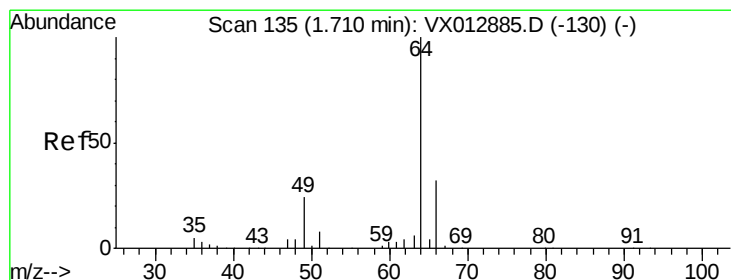
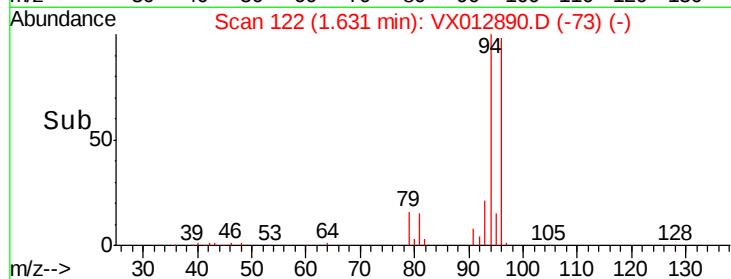
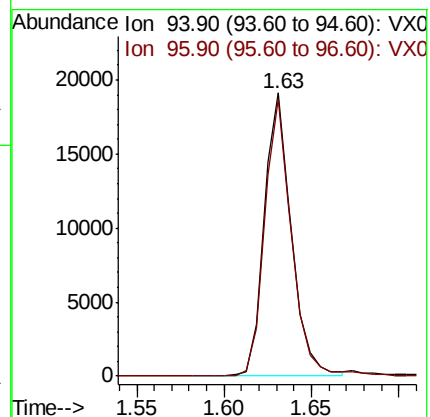
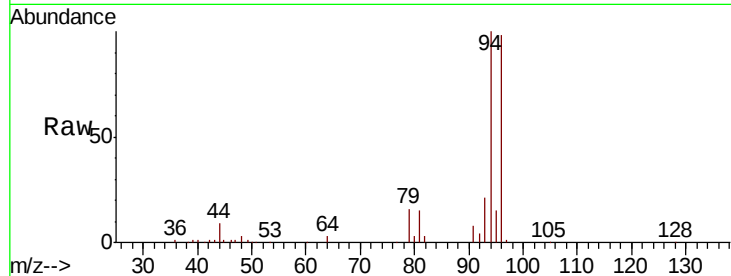
ClientSampleId :

Tot Ion: 94 Resp: 20526

Ion Ratio Lower Upper

94 100

96 97.7 74.7 112.1



#6

Chloroethane

Concen: 19.587 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012890.D

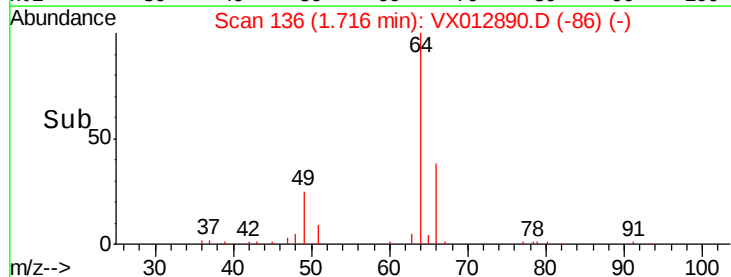
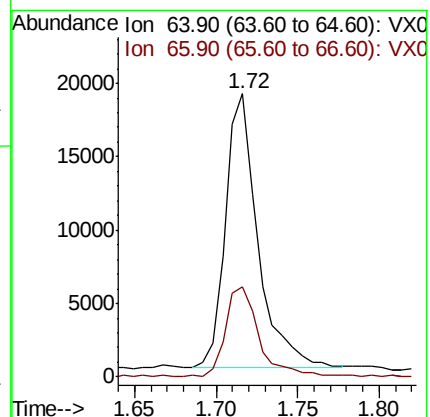
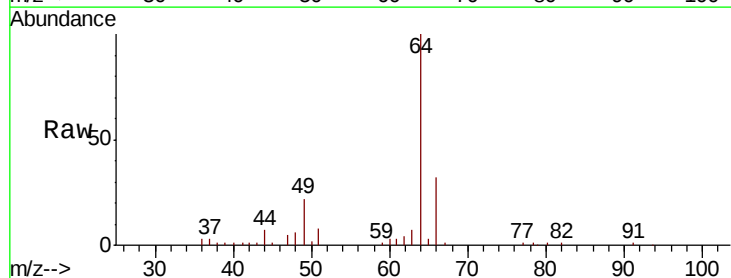
Acq: 08 Oct 2019 15:30

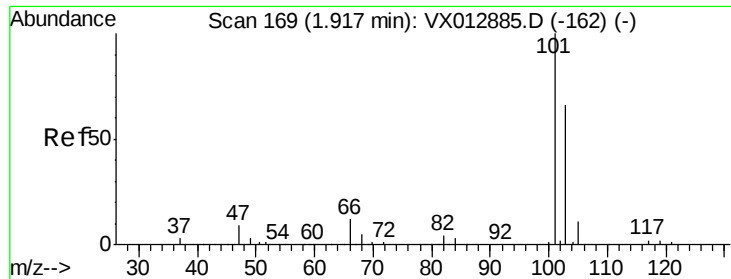
Tgt Ion: 64 Resp: 25693

Ion Ratio Lower Upper

64 100

66 32.6 25.6 38.4



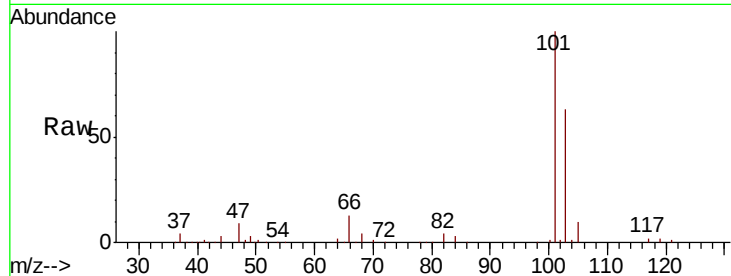


#7

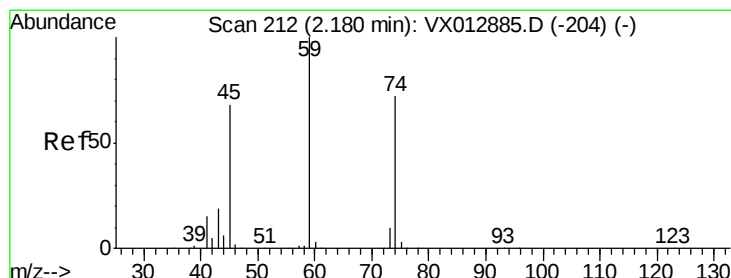
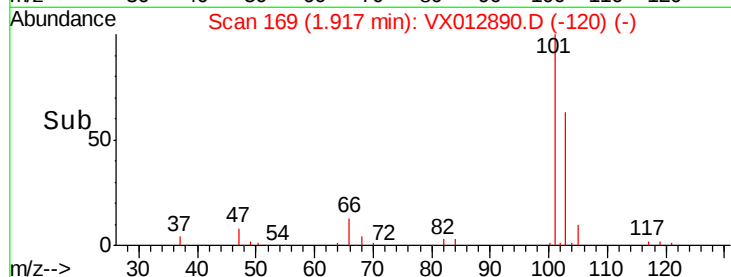
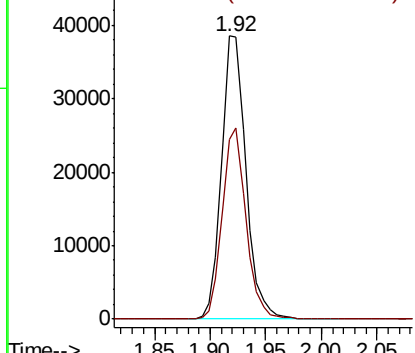
Trichlorofluoromethane
 Concen: 19.948 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX012890.D
 Acq: 08 Oct 2019 15:30

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:101 Resp: 58491
 Ion Ratio Lower Upper
 101 100
 103 63.3 52.5 78.7



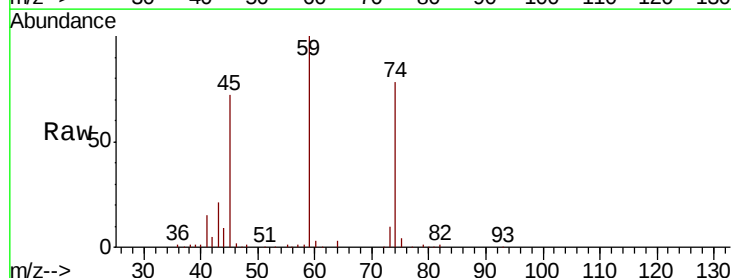
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



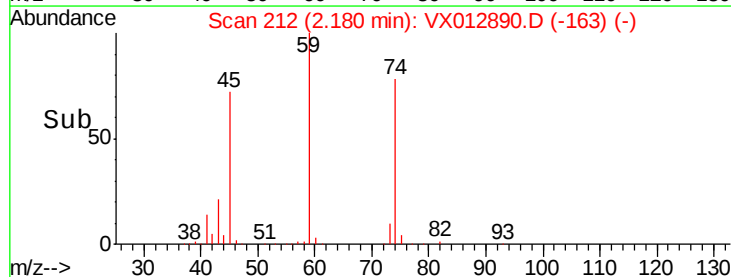
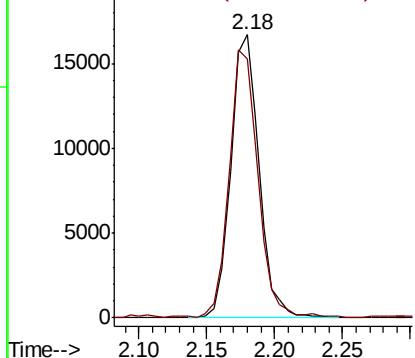
#8

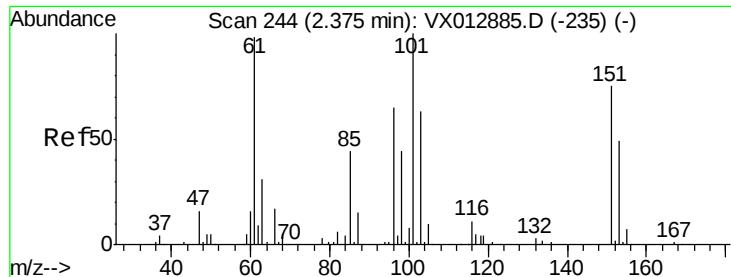
Diethyl Ether
 Concen: 20.246 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX012890.D
 Acq: 08 Oct 2019 15:30

Tgt Ion: 74 Resp: 23962
 Ion Ratio Lower Upper
 74 100
 45 97.5 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: 20.235 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

Instrument :

MSVOA_X

ClientSampleId :

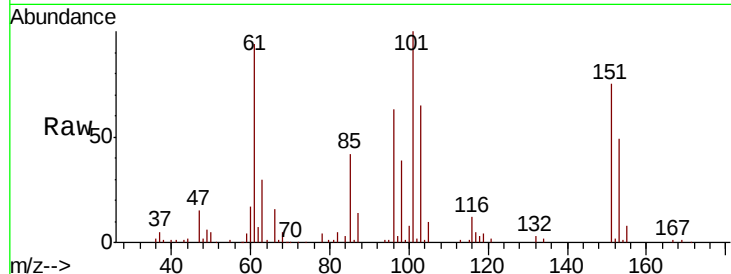
Tot Ion:101 Resp: 38400

Ion Ratio Lower Upper

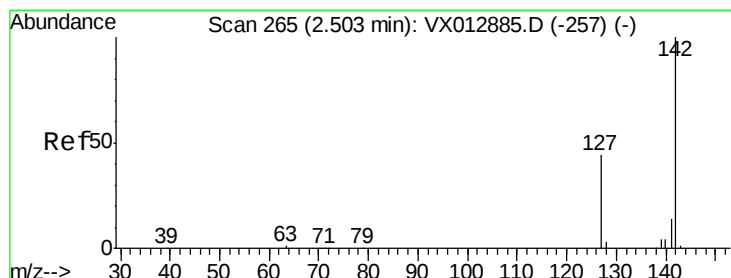
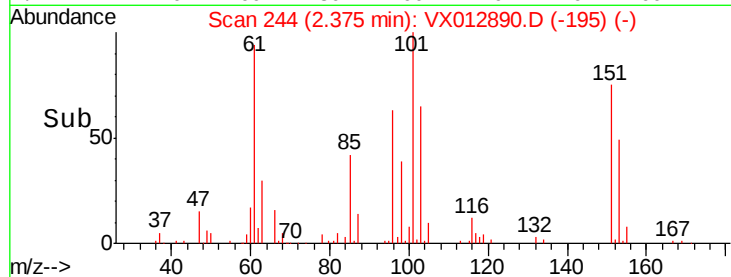
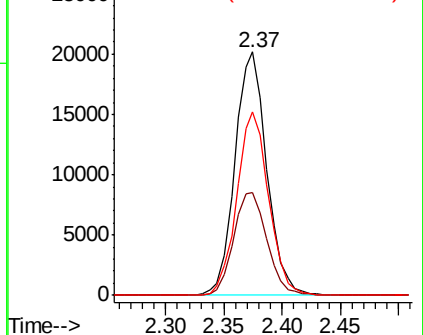
101 100

85 44.1 35.2 52.8

151 75.5 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: 16.980 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

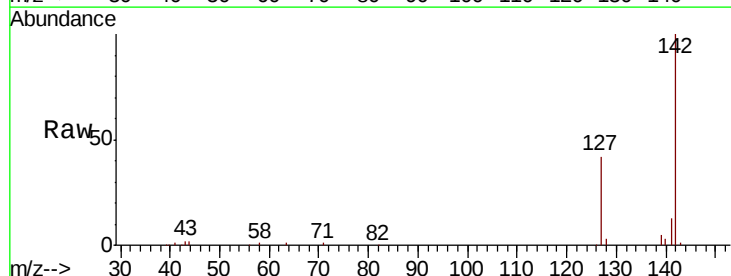
Tgt Ion:142 Resp: 28473

Ion Ratio Lower Upper

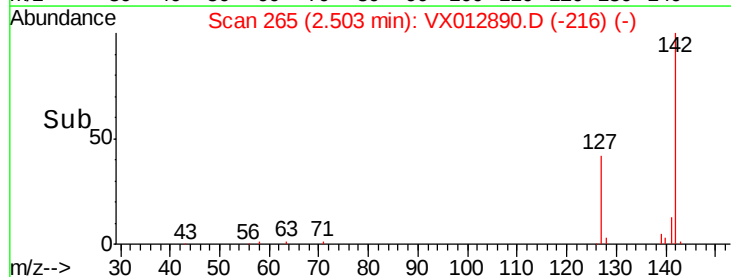
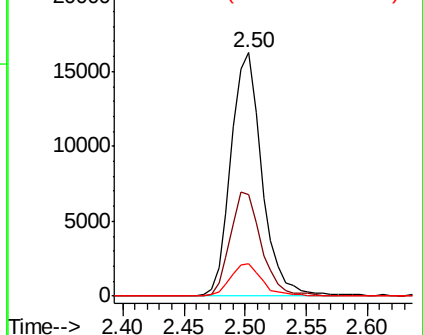
142 100

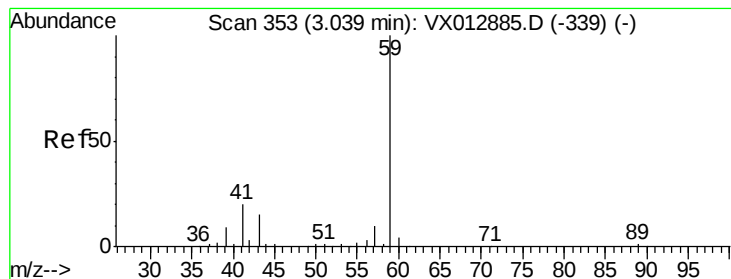
127 43.0 34.9 52.3

141 13.6 11.6 17.4



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



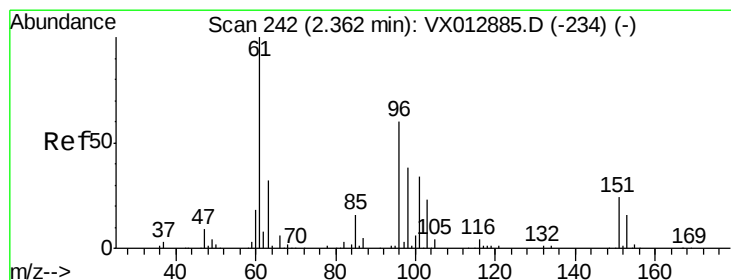
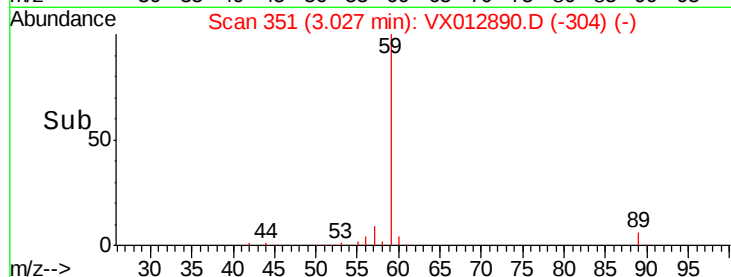
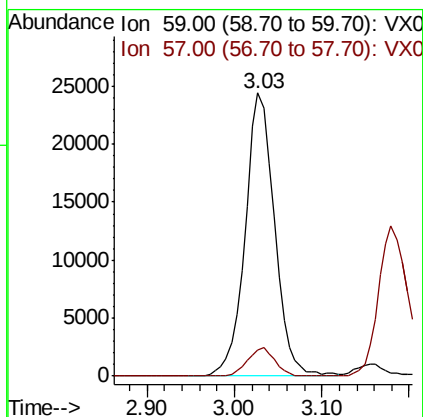
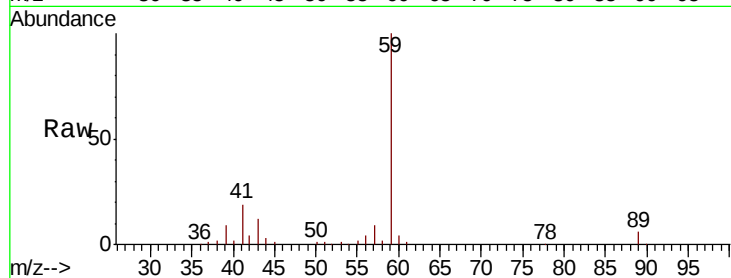


#11

Tert butyl alcohol
 Concen: 90.839 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VX012890.D
 Acq: 08 Oct 2019 15:30

Instrument :
 MSVOA_X
 ClientSampled :

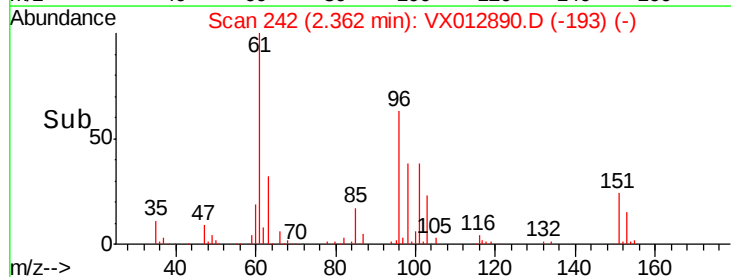
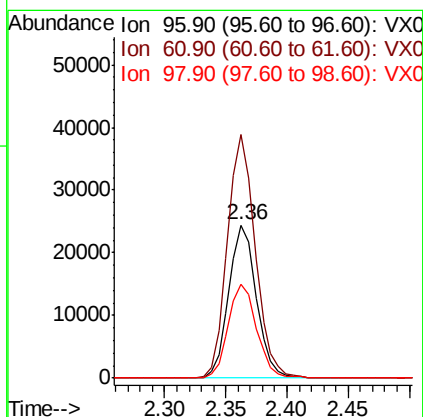
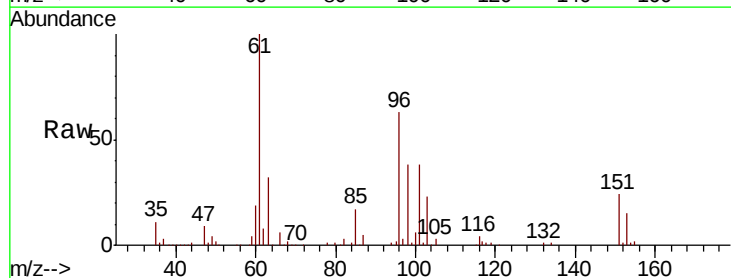
Tot Ion: 59 Resp: 57105
 Ion Ratio Lower Upper
 59 100
 57 9.4 8.3 12.5

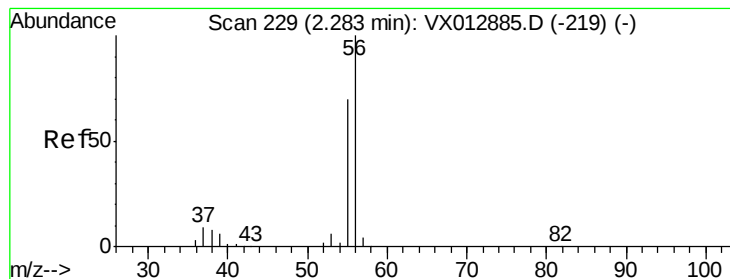


#12

1,1-Dichloroethene
 Concen: 19.945 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX012890.D
 Acq: 08 Oct 2019 15:30

Tgt Ion: 96 Resp: 38241
 Ion Ratio Lower Upper
 96 100
 61 159.0 132.2 198.4
 98 60.9 50.5 75.7





#13

Acrolein

Concen: 82.543 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

Instrument :

MSVOA_X

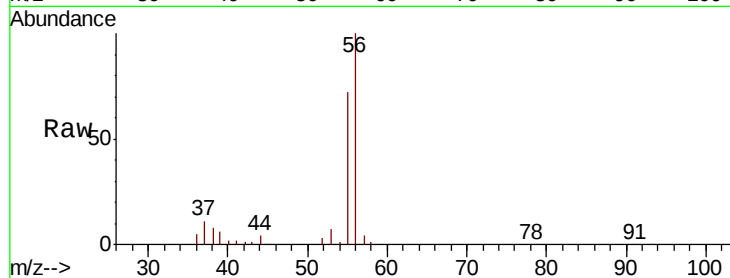
ClientSampled :

Tot Ion: 56 Resp: 36876

Ion Ratio Lower Upper

56 100

55 70.7 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

25000

20000

15000

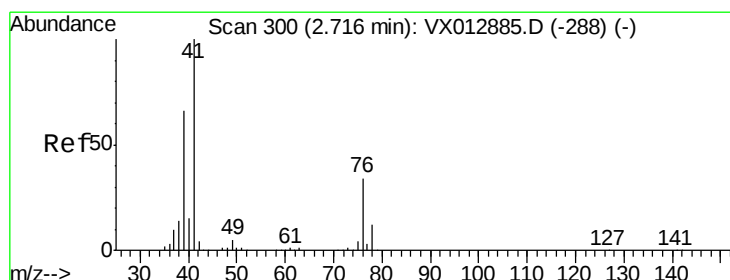
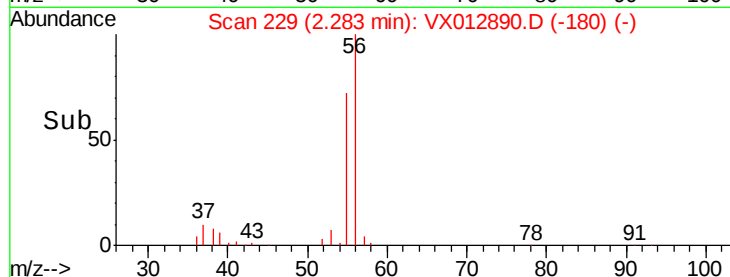
10000

5000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 20.174 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

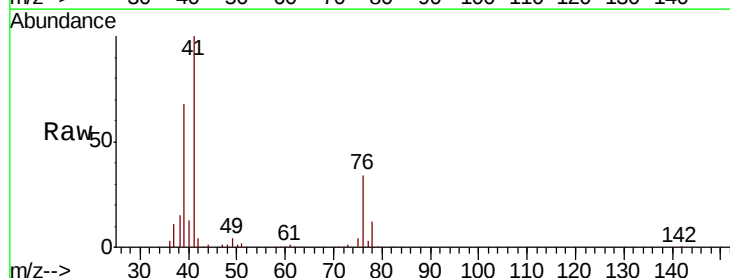
Tgt Ion: 41 Resp: 68884

Ion Ratio Lower Upper

41 100

39 61.4 51.0 76.6

76 31.9 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

40000

30000

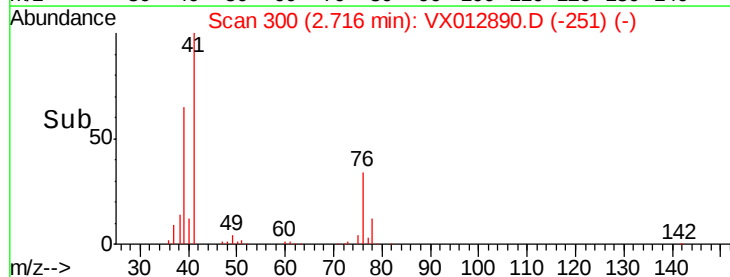
20000

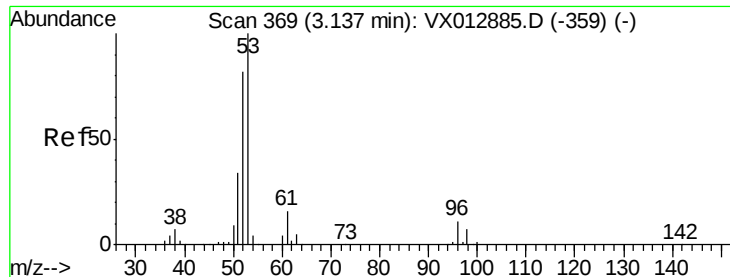
10000

0

Time-->

2.60 2.70 2.80



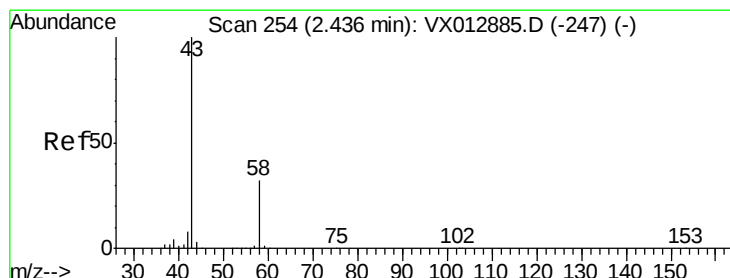
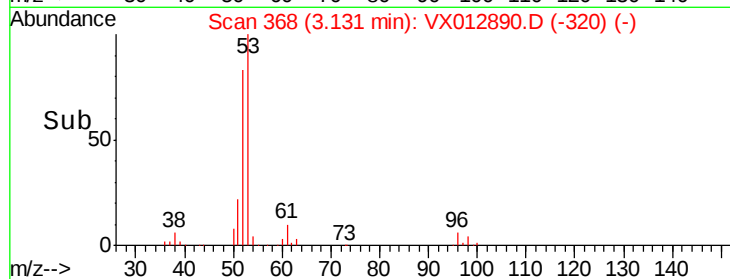
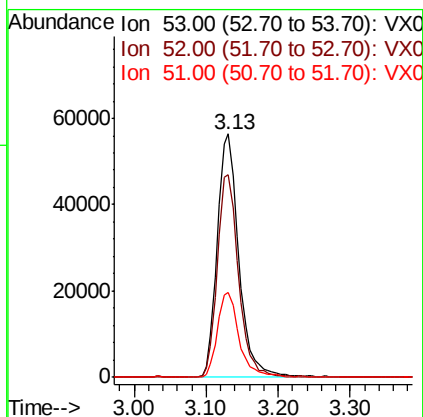
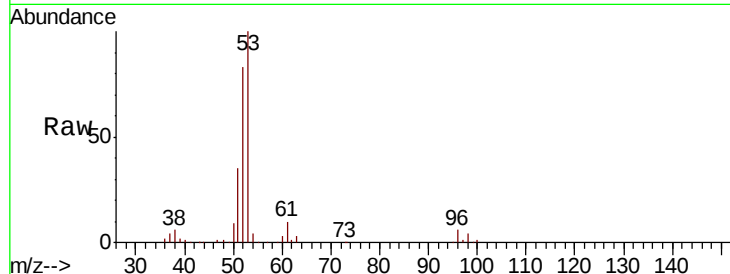


#15
 Acrylonitrile
 Concen: 98.612 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. -0.01 min
 Lab File: VX012890.D
 Acq: 08 Oct 2019 15:30

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 53 Resp: 117478

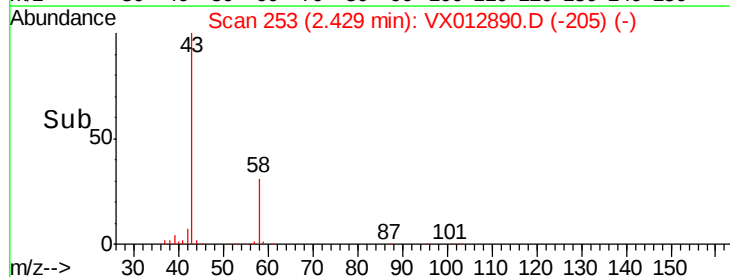
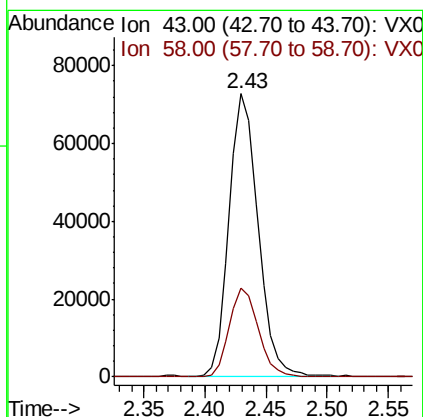
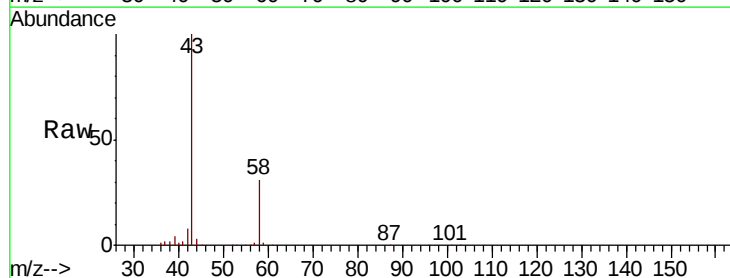
Ion	Ratio	Lower	Upper
53	100		
52	81.9	66.2	99.2
51	35.2	28.2	42.4

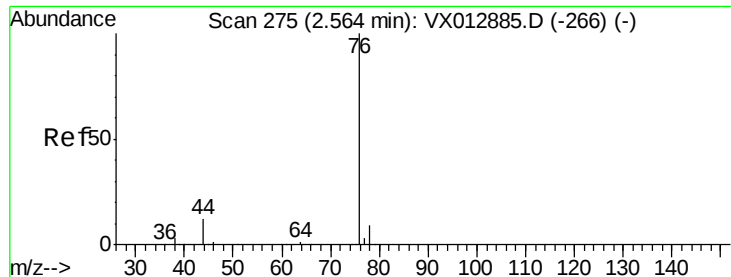


#16
 Acetone
 Concen: 95.349 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.01 min
 Lab File: VX012890.D
 Acq: 08 Oct 2019 15:30

Tgt Ion: 43 Resp: 119183

Ion	Ratio	Lower	Upper
43	100		
58	31.3	25.4	38.2





#17

Carbon Disulfide

Concen: 18.964 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

Instrument :

MSVOA_X

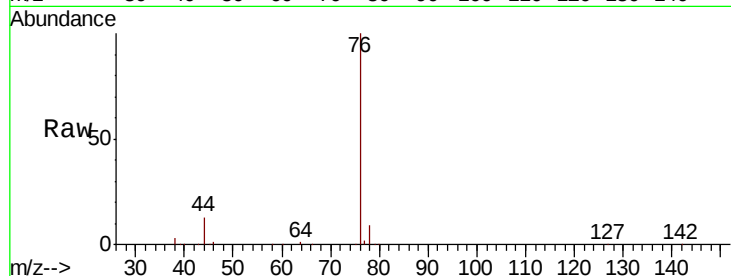
ClientSampled :

Tot Ion: 76 Resp: 103679

Ion Ratio Lower Upper

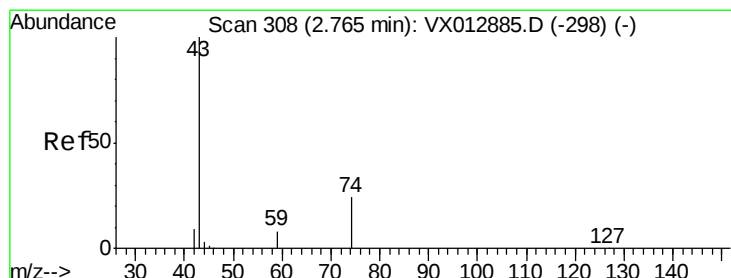
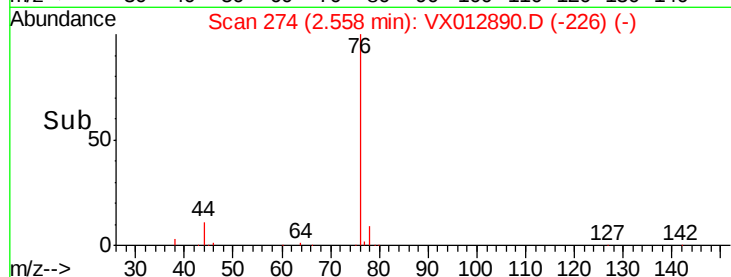
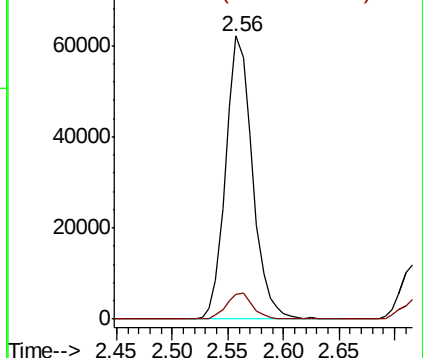
76 100

78 8.8 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.853 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX012890.D

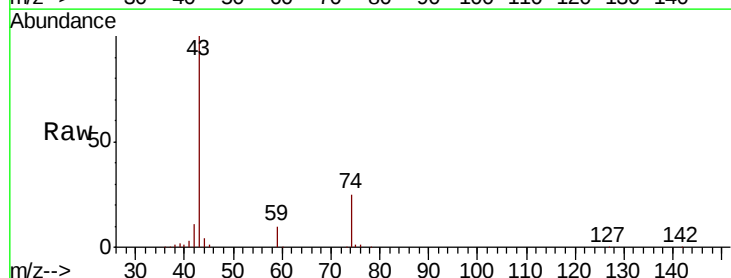
Acq: 08 Oct 2019 15:30

Tgt Ion: 43 Resp: 55856

Ion Ratio Lower Upper

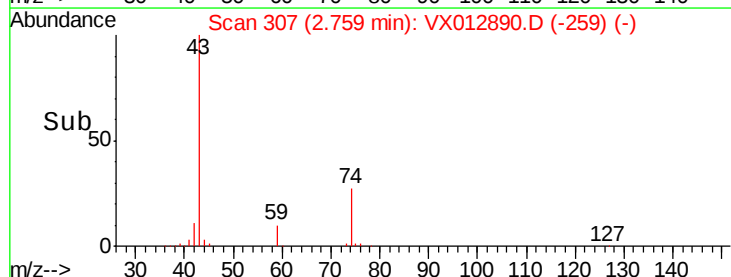
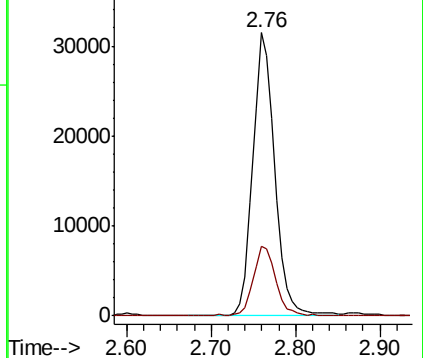
43 100

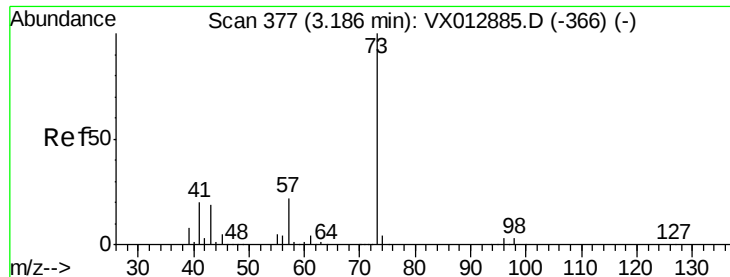
74 25.2 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

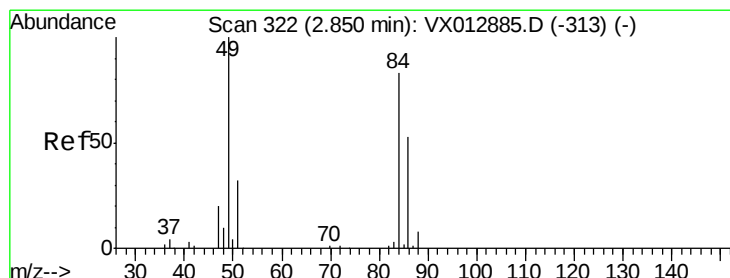
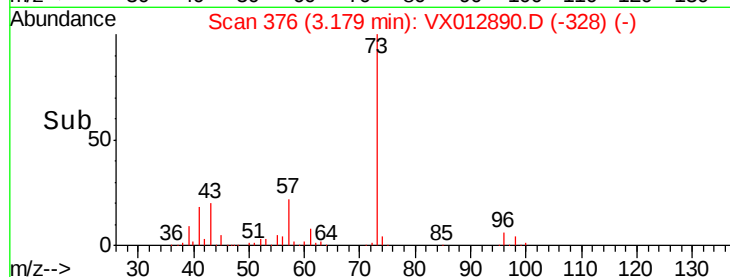
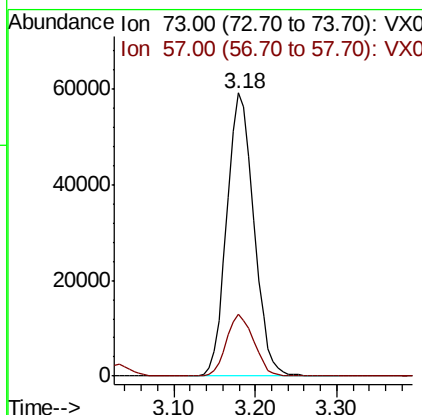
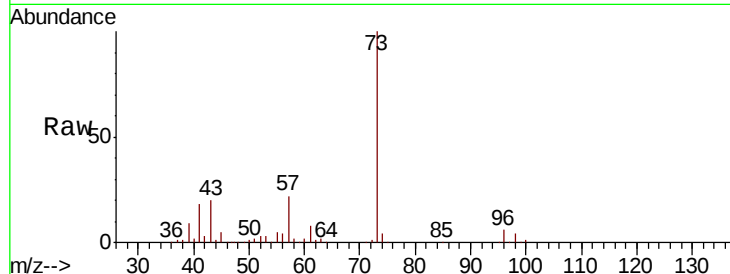




#19
Methyl tert-butyl Ether
Concen: 20.463 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

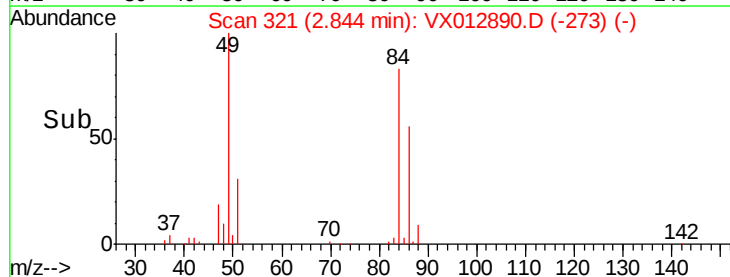
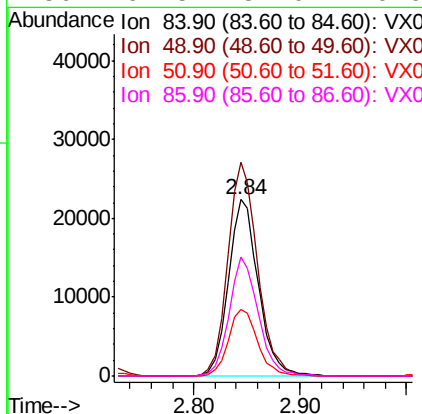
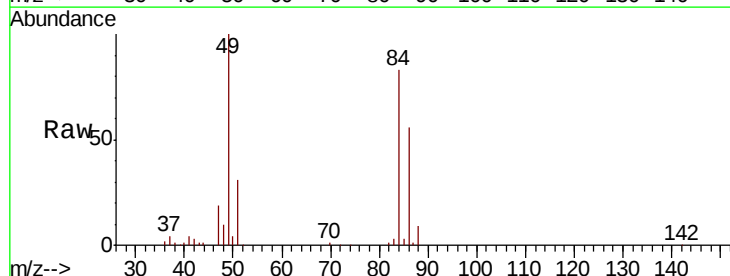
Instrument :
MSVOA_X
ClientSampleId :

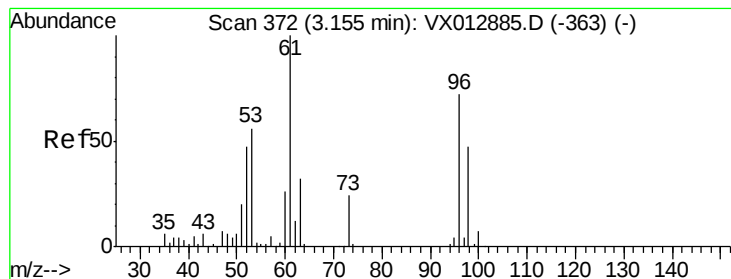
Tot Ion: 73 Resp: 135488
Ion Ratio Lower Upper
73 100
57 22.0 17.8 26.6



#20
Methylene Chloride
Concen: 19.134 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Tgt Ion: 84 Resp: 43955
Ion Ratio Lower Upper
84 100
49 121.2 96.6 144.8
51 38.1 30.7 46.1
86 67.5 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 20.021 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

Instrument :

MSVOA_X

ClientSampleId :

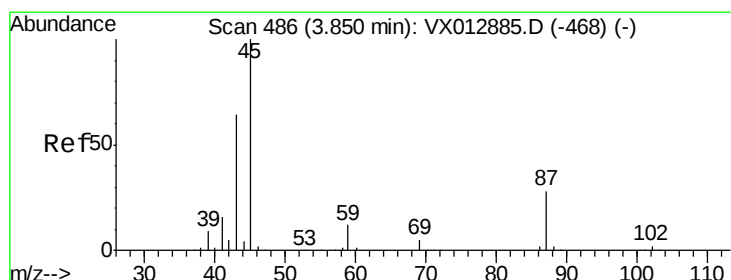
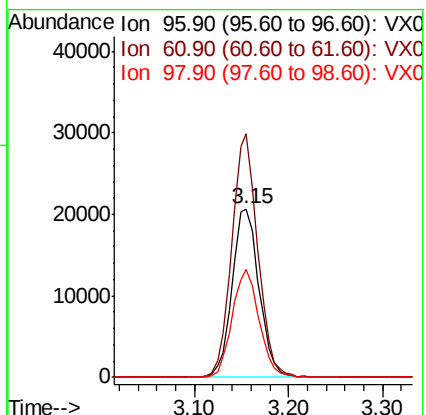
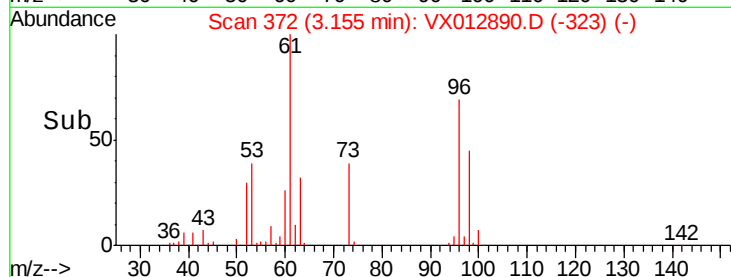
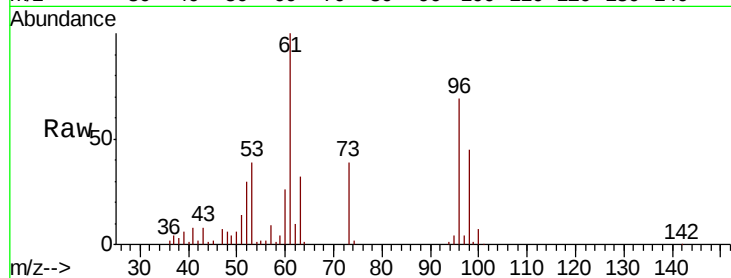
Tot Ion: 96 Resp: 41143

Ion Ratio Lower Upper

96 100

61 144.6 110.4 165.6

98 64.5 51.5 77.3



#22

Diisopropyl ether

Concen: 20.632 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

Tgt Ion: 45 Resp: 134991

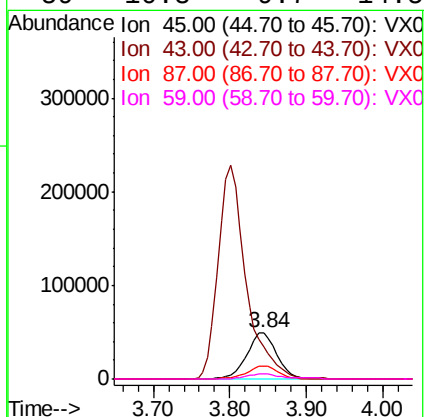
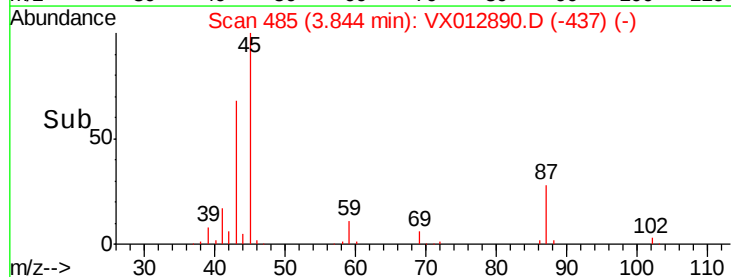
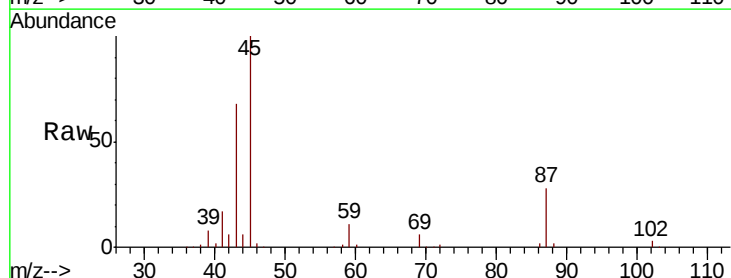
Ion Ratio Lower Upper

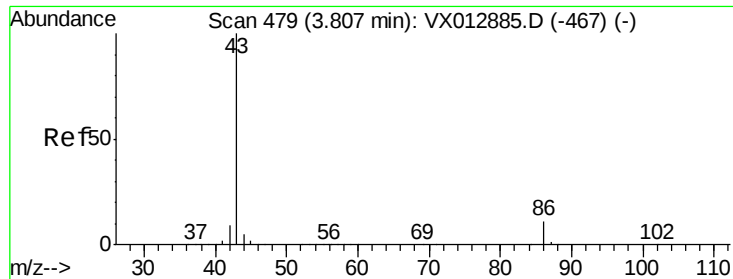
45 100

43 67.9 51.4 77.0

87 27.8 22.5 33.7

59 10.8 9.7 14.5





#23

Vinyl Acetate

Concen: 103.083 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

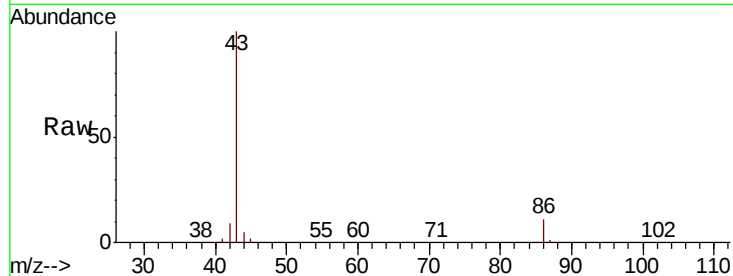
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 582238

Ion Ratio Lower Upper

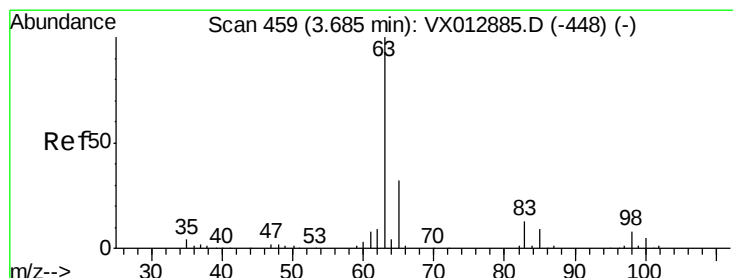
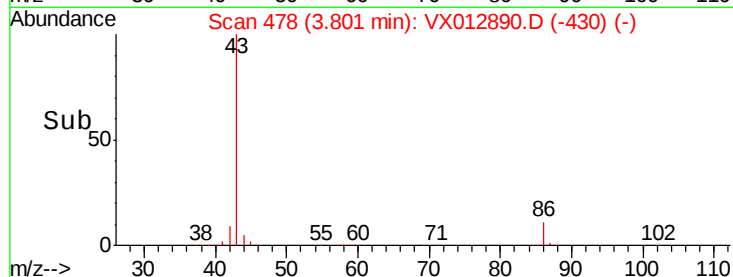
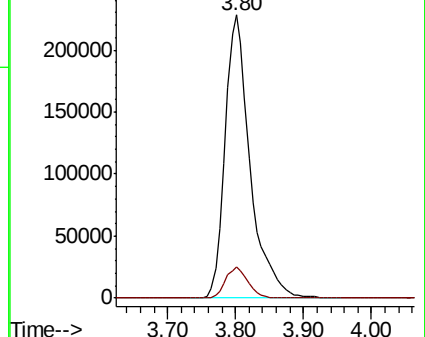
43 100

86 11.1 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.173 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

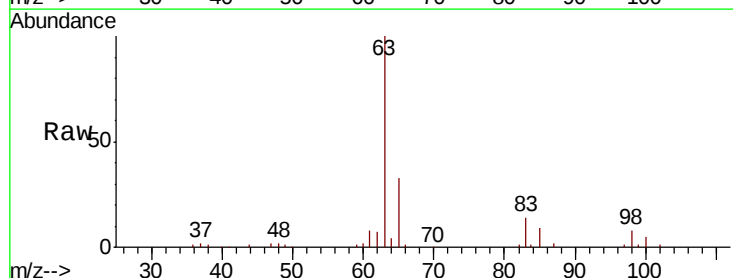
Tgt Ion: 63 Resp: 74254

Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.5

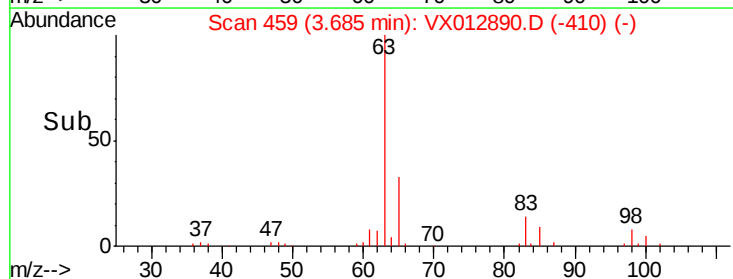
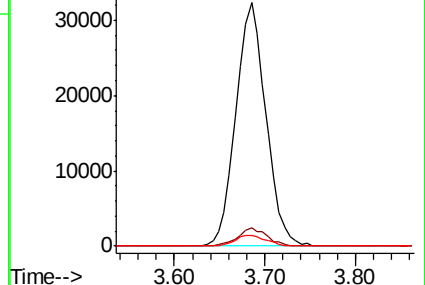
100 4.6 2.3 6.9

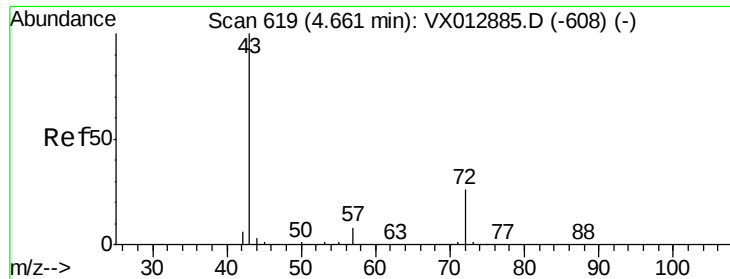


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 96.688 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

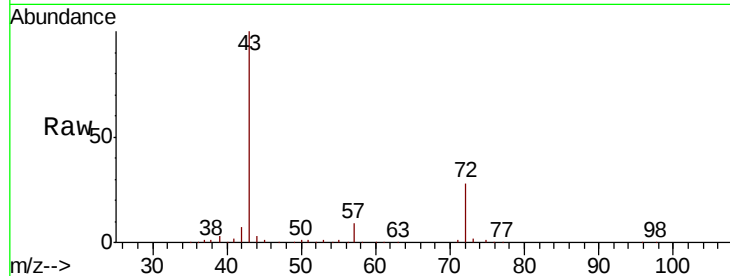
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 167673

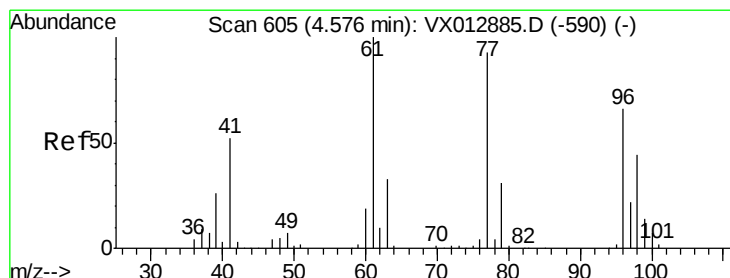
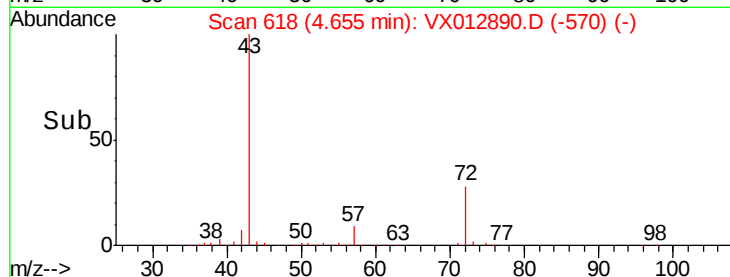
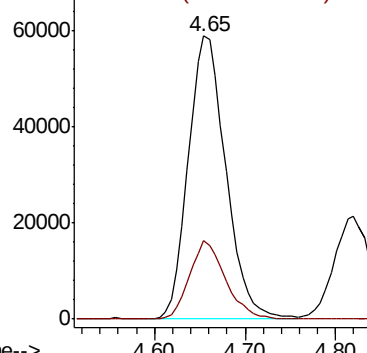
Ion Ratio Lower Upper

43 100

72 27.7 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 20.356 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX012890.D

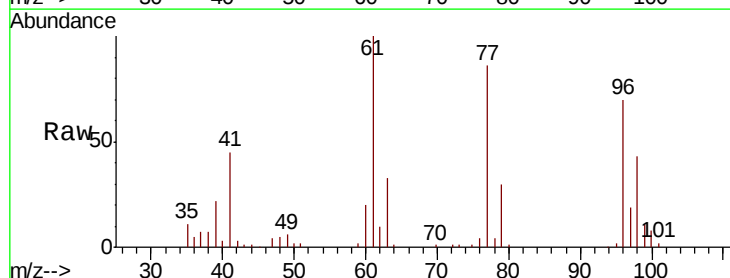
Acq: 08 Oct 2019 15:30

Tgt Ion: 77 Resp: 63006

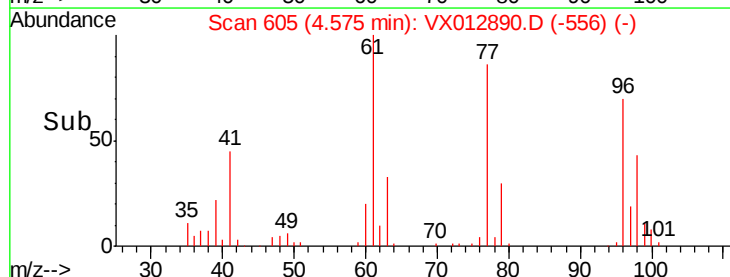
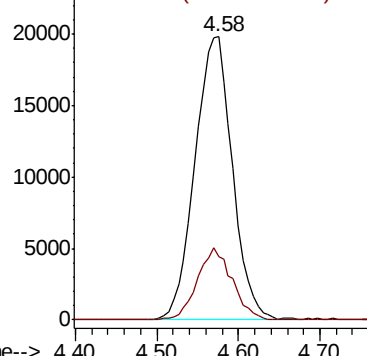
Ion Ratio Lower Upper

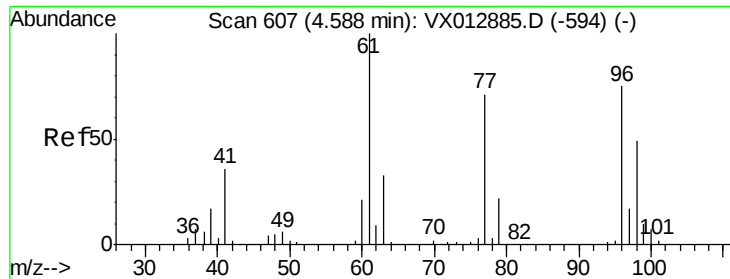
77 100

97 23.5 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0
Ion 96.90 (96.60 to 97.60): VX0



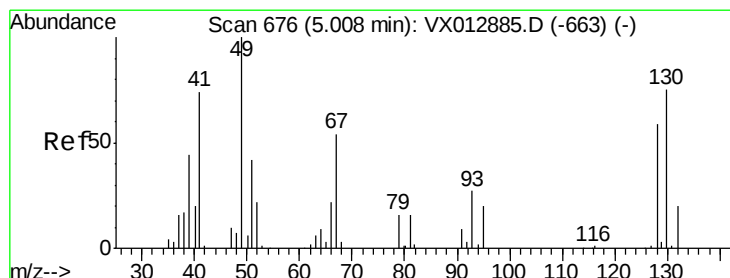
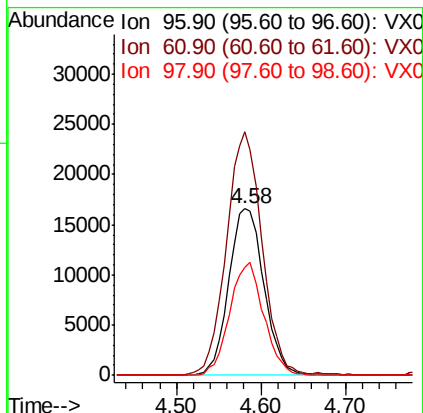
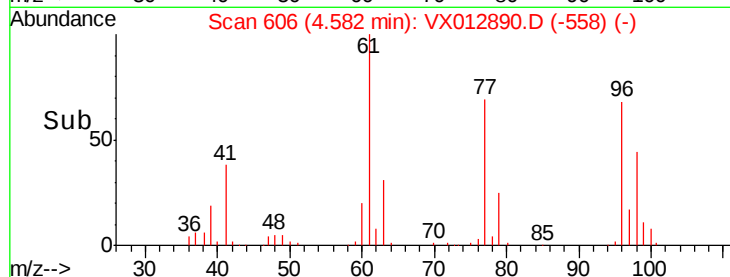
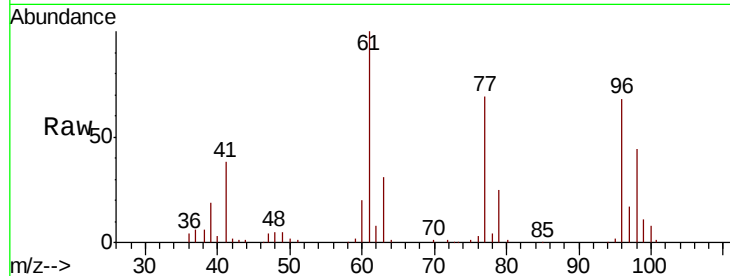


#27

cis-1,2-Dichloroethene
Concen: 19.886 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Instrument :
MSVOA_X
ClientSampleId :

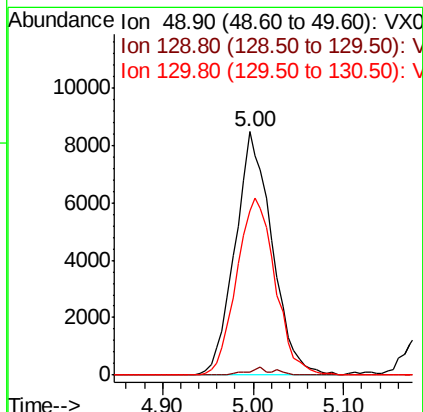
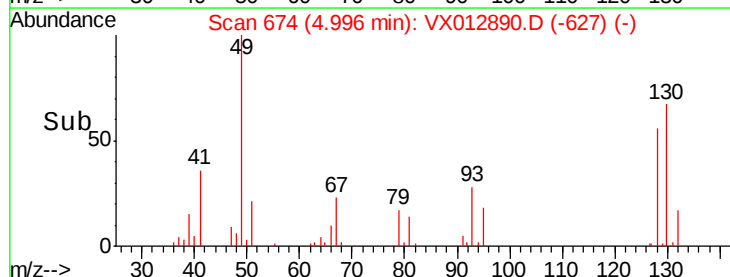
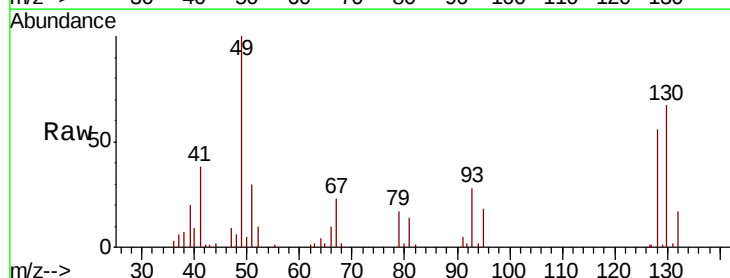
Tot Ion: 96 Resp: 47105
Ion Ratio Lower Upper
96 100
61 148.2 0.0 290.6
98 65.3 0.0 128.8

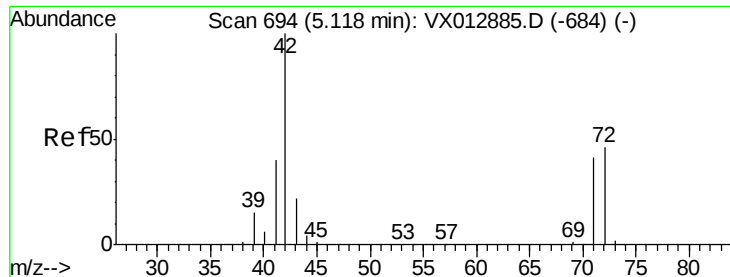


#28

Bromochloromethane
Concen: 21.494 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Tgt Ion: 49 Resp: 23925
Ion Ratio Lower Upper
49 100
129 1.6 0.0 4.2
130 76.2 62.1 93.1





#29

Tetrahydrofuran

Concen: 96.865 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

Instrument :

MSVOA_X

ClientSampled :

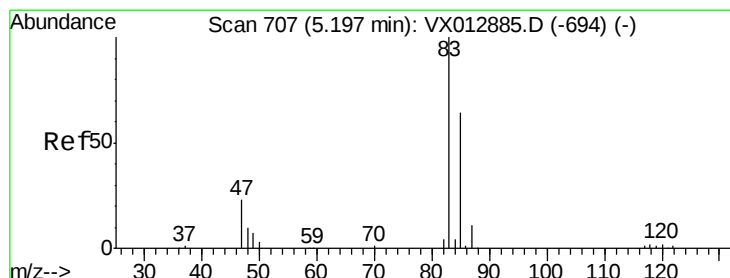
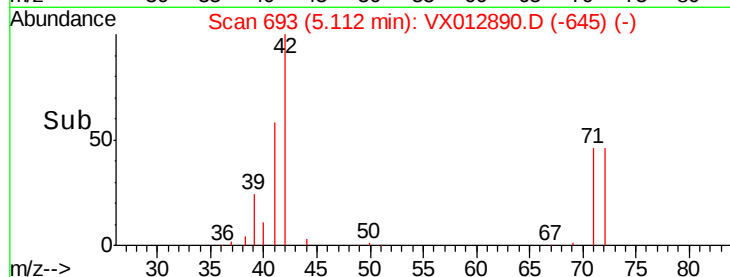
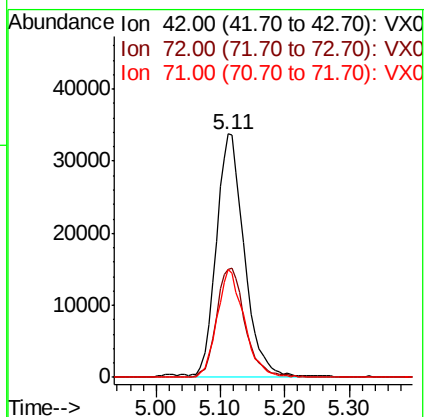
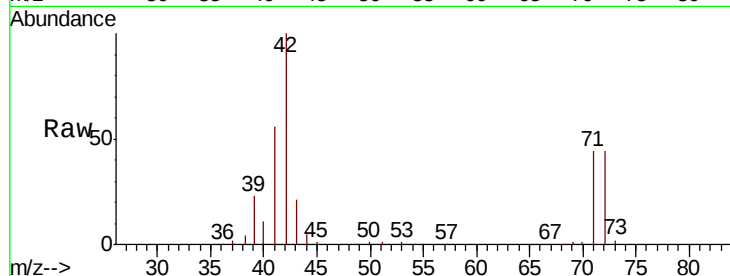
Tot Ion: 42 Resp: 103369

Ion Ratio Lower Upper

42 100

72 46.2 36.9 55.3

71 43.0 33.5 50.3



#30

Chloroform

Concen: 19.951 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX012890.D

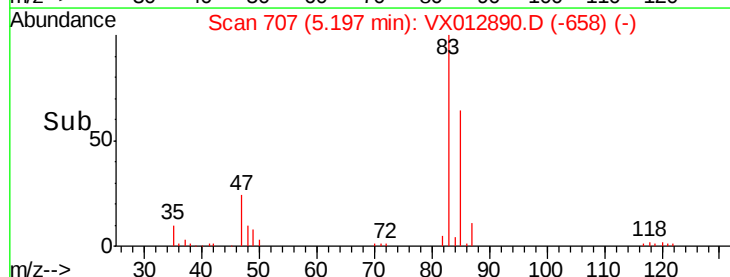
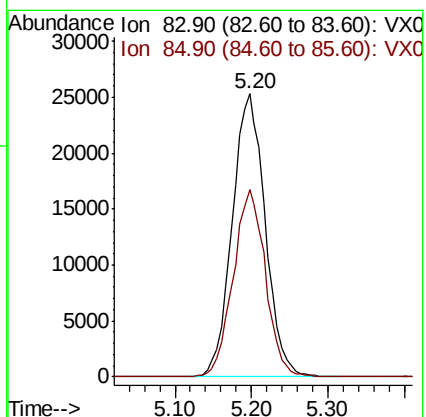
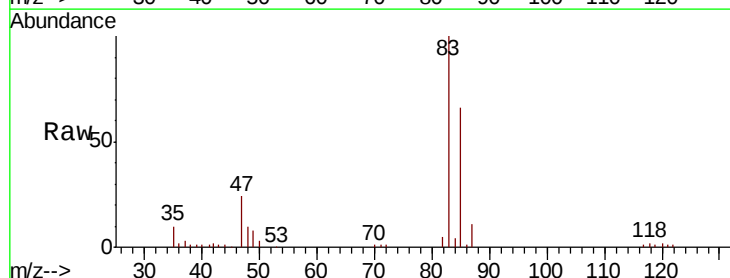
Acq: 08 Oct 2019 15:30

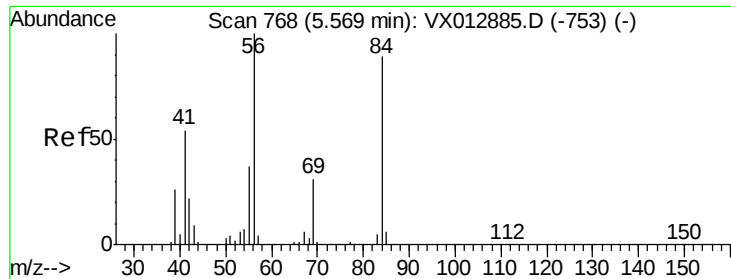
Tgt Ion: 83 Resp: 75353

Ion Ratio Lower Upper

83 100

85 66.4 51.5 77.3

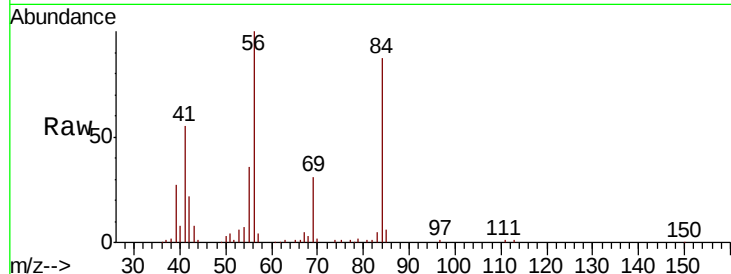




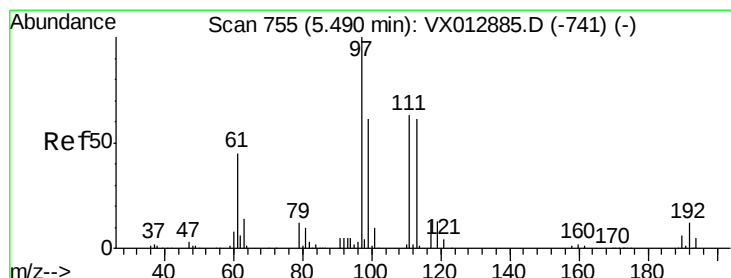
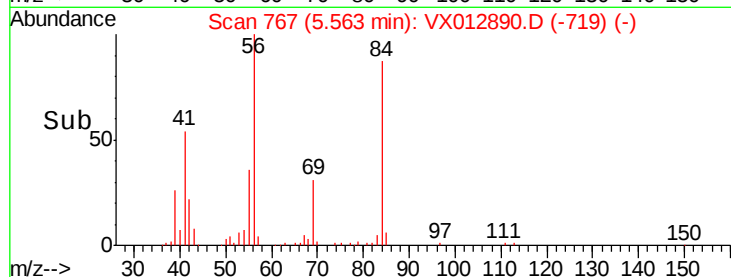
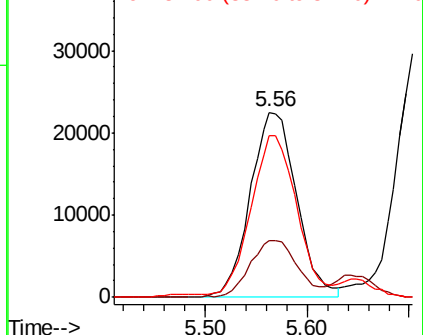
#31
Cyclohexane
Concen: 20.585 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 70849
Ion Ratio Lower Upper
56 100
69 30.9 25.2 37.8
84 85.6 71.3 106.9

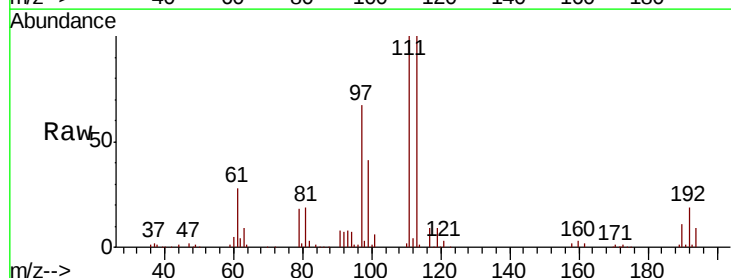


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

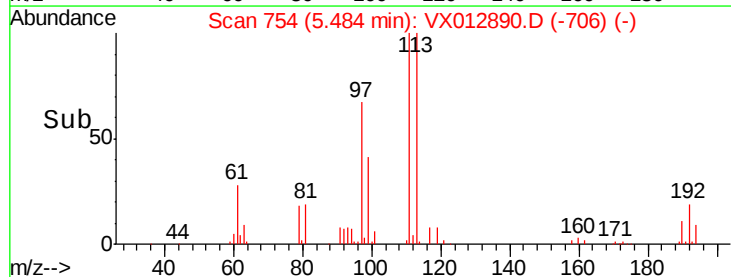
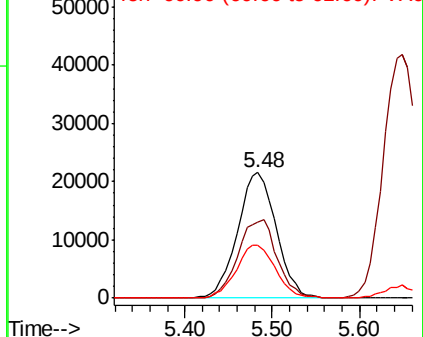


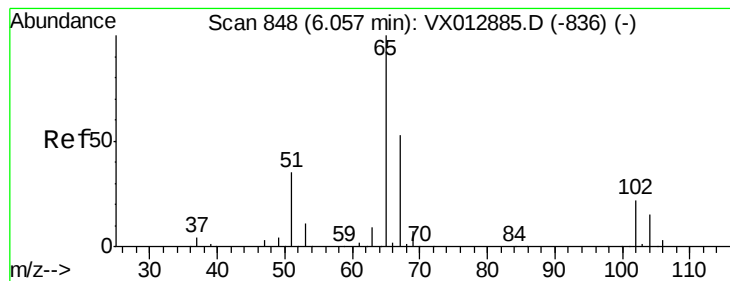
#32
1,1,1-Trichloroethane
Concen: 20.646 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Tgt Ion: 97 Resp: 66071
Ion Ratio Lower Upper
97 100
99 62.7 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: 48.224 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

Instrument :

MSVOA_X

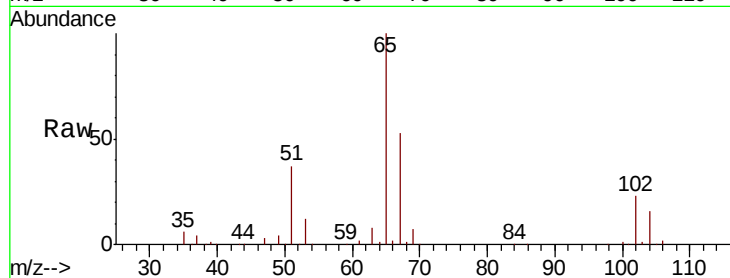
ClientSampleId :

Tot Ion: 65 Resp: 114358

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

40000

30000

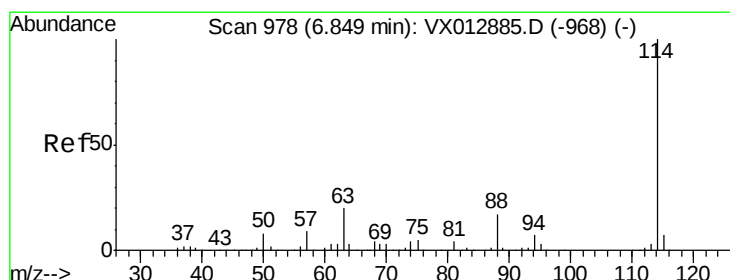
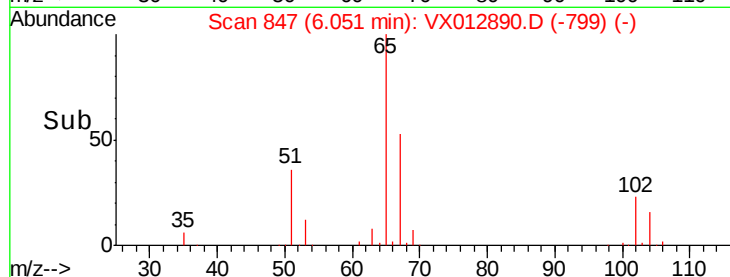
20000

10000

0

Time-->

6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

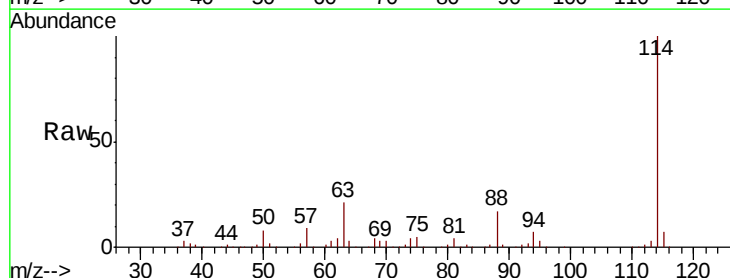
Tgt Ion: 114 Resp: 314394

Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.8

88 17.3 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

150000

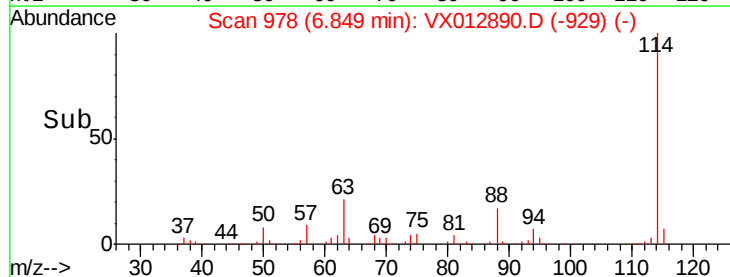
100000

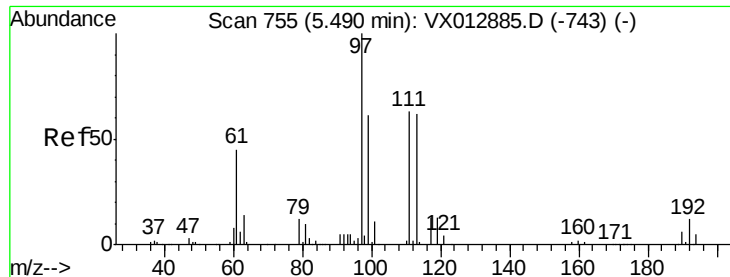
50000

0

Time-->

6.80 6.90

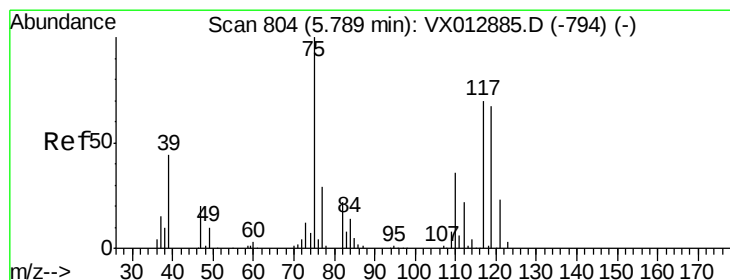
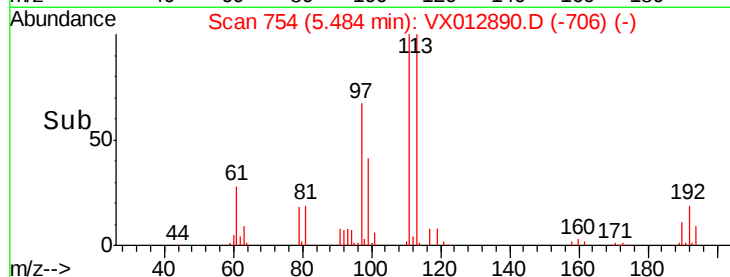
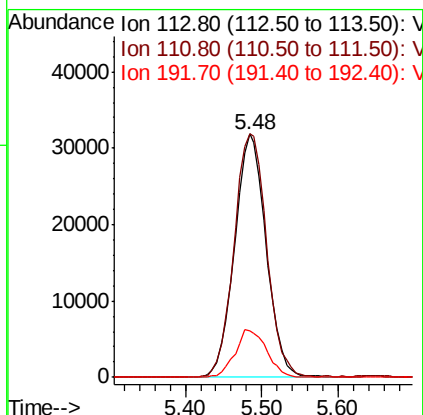
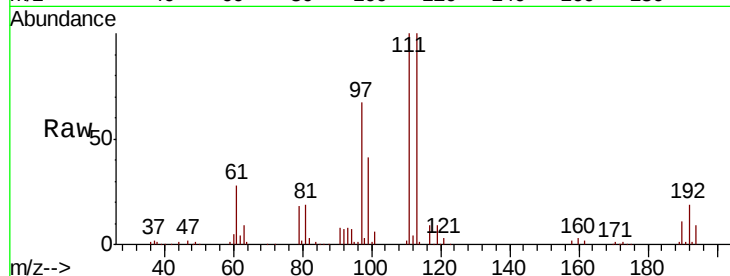




#35
 Dibromofluoromethane
 Concen: 50.264 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX012890.D
 Acq: 08 Oct 2019 15:30

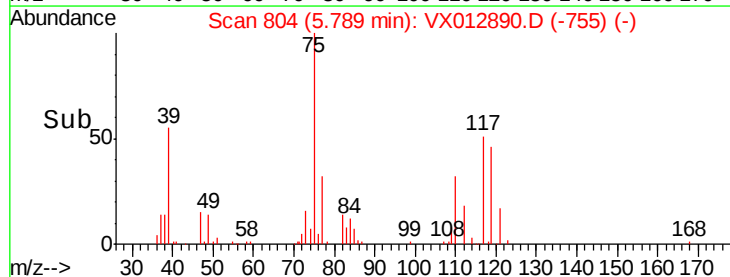
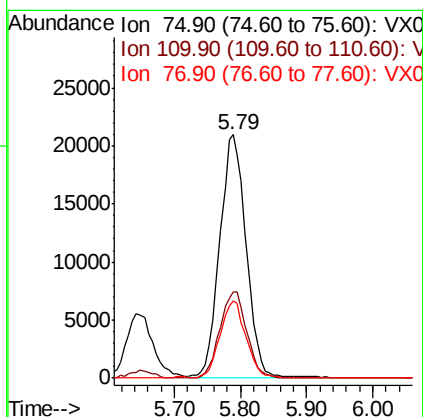
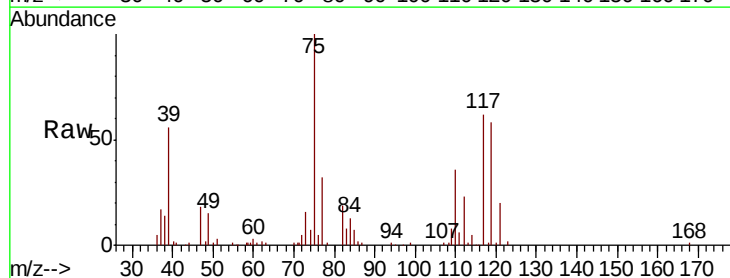
Instrument :
 MSVOA_X
 ClientSampleId :

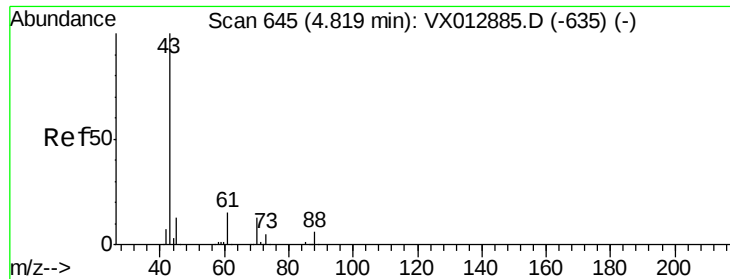
Tot Ion:113 Resp: 90700
 Ion Ratio Lower Upper
 113 100
 111 103.5 83.2 124.8
 192 19.6 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 21.027 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX012890.D
 Acq: 08 Oct 2019 15:30

Tgt Ion: 75 Resp: 58123
 Ion Ratio Lower Upper
 75 100
 110 36.1 17.6 52.9
 77 31.1 24.4 36.6

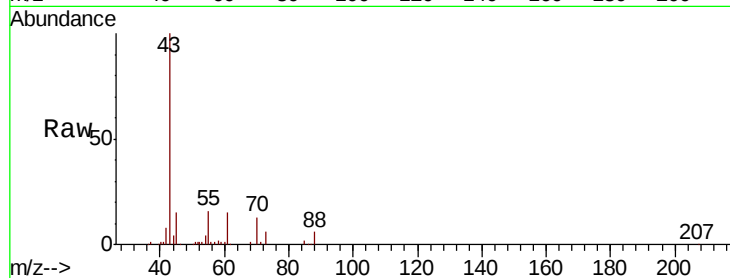




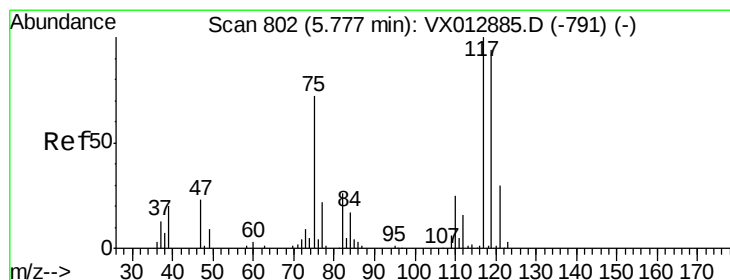
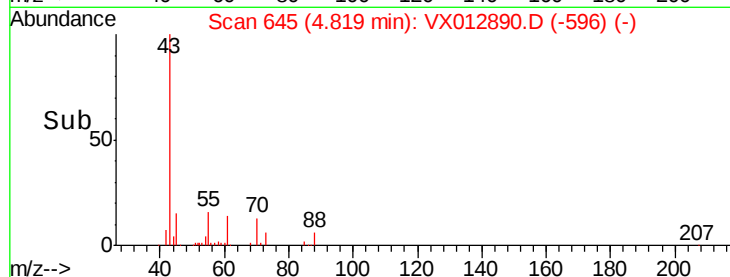
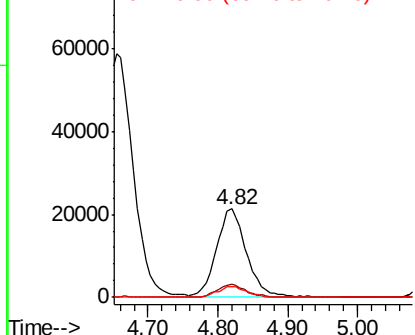
#37
Ethyl Acetate
Concen: 20.281 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 62686
Ion Ratio Lower Upper
43 100
61 14.2 11.4 17.0
70 12.3 9.8 14.6

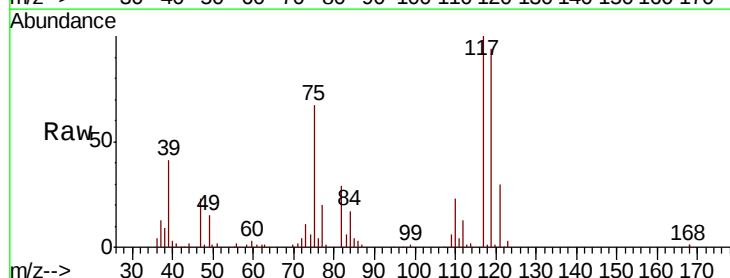


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

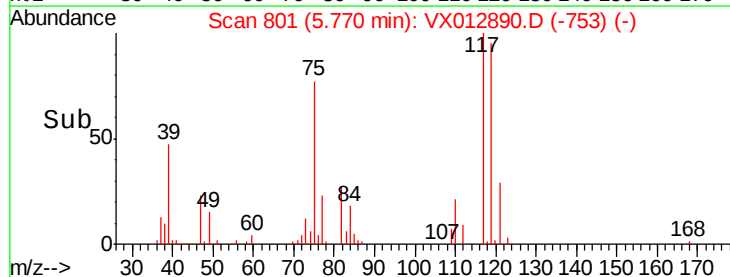
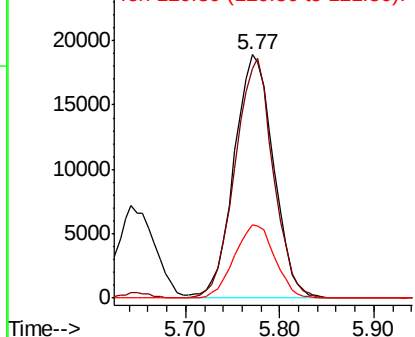


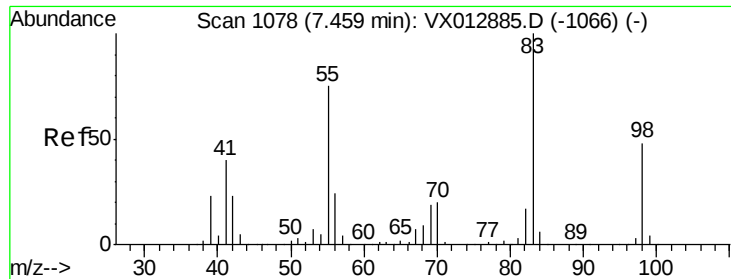
#38
Carbon Tetrachloride
Concen: 20.548 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Tgt Ion: 117 Resp: 55284
Ion Ratio Lower Upper
117 100
119 94.0 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

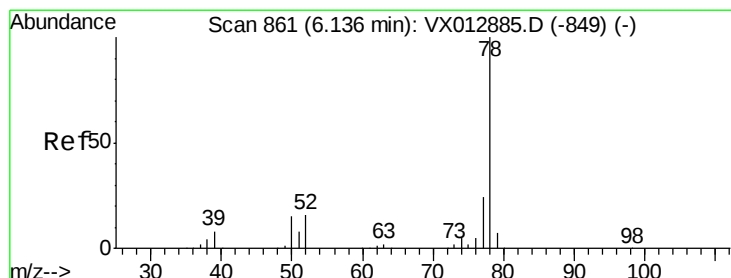
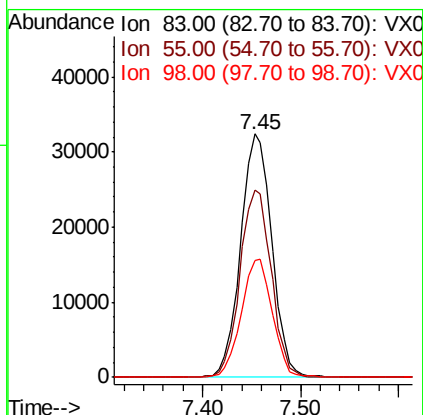
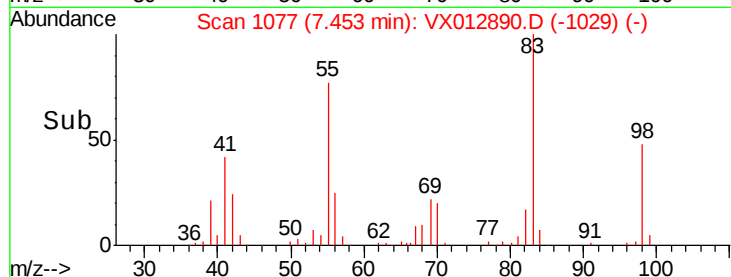
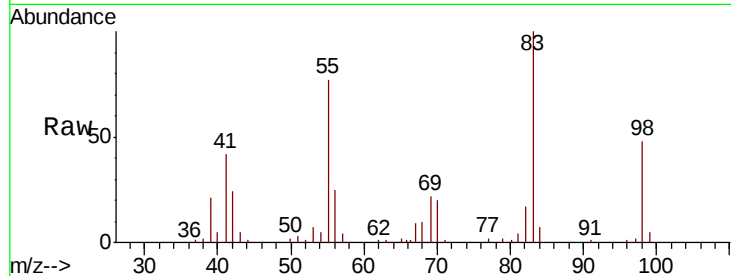




#39
Methvlcvclohexane
Concen: 21.444 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

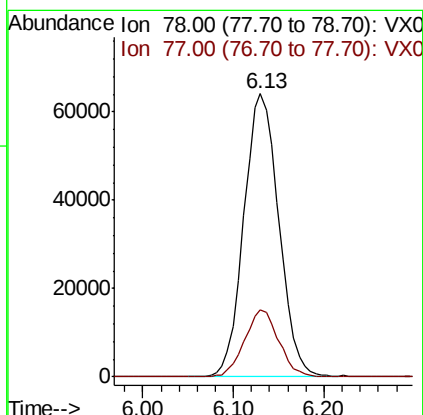
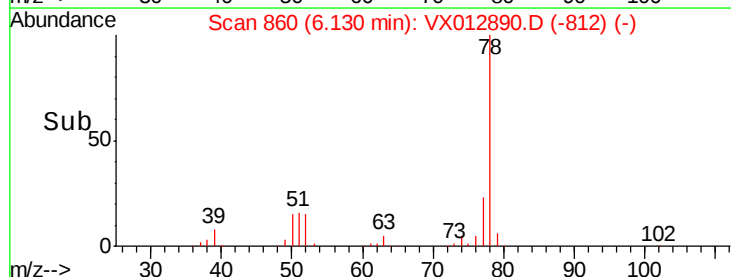
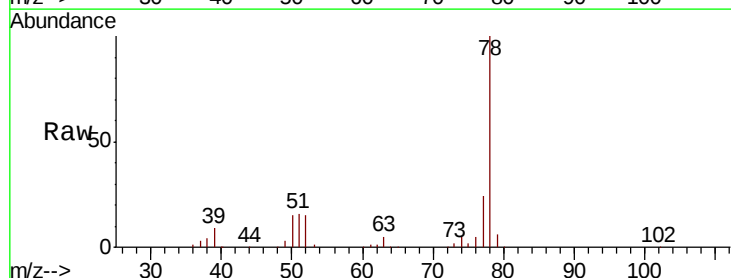
Instrument :
MSVOA_X
ClientSampleId :

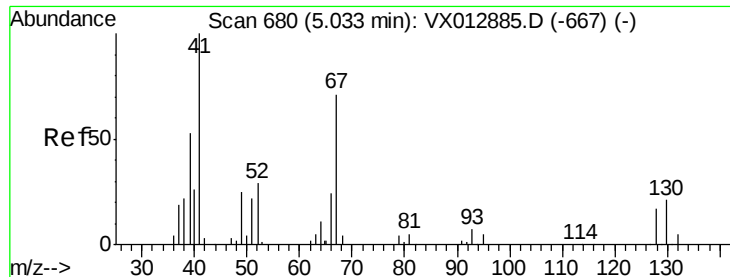
Tot Ion: 83 Resp: 71884
Ion Ratio Lower Upper
83 100
55 77.1 60.2 90.4
98 48.2 38.5 57.7



#40
Benzene
Concen: 20.990 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Tgt Ion: 78 Resp: 171366
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4

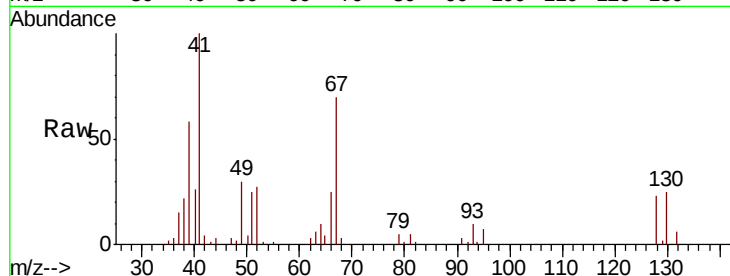




#41
Methacrylonitrile
Concen: 19.618 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	33320
Ion	Ratio	Lower	Upper
41	100		
39	54.3	44.0	66.0
67	75.0	58.5	87.7
52	28.3	23.8	35.8



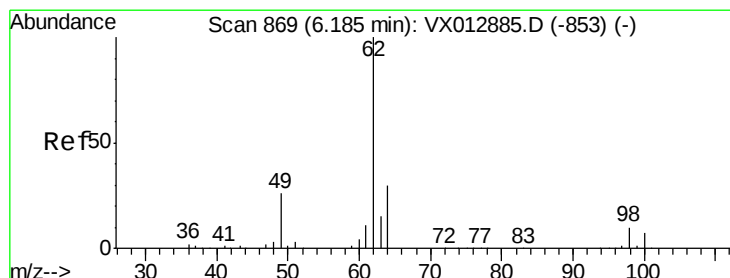
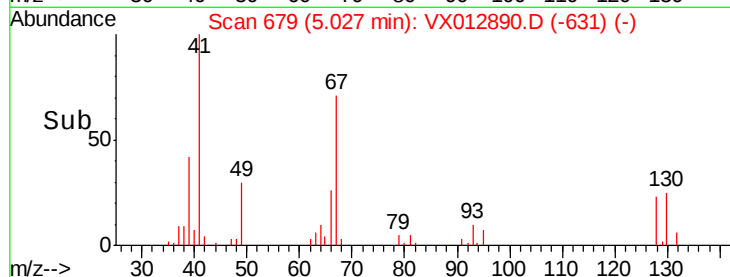
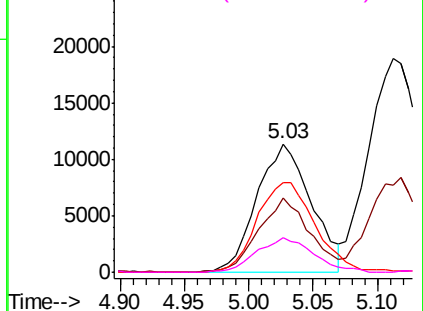
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

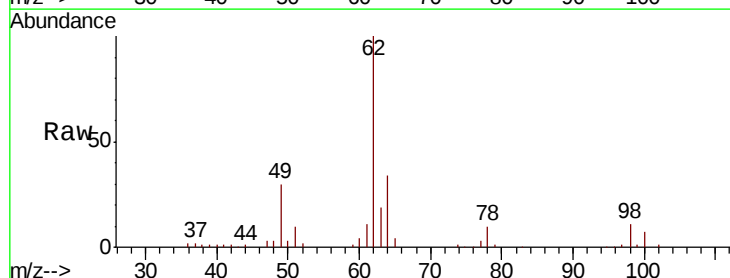
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 20.655 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

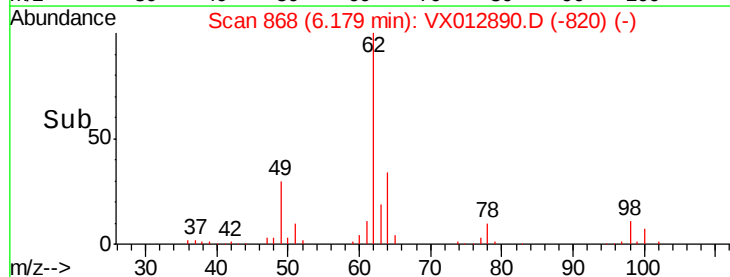
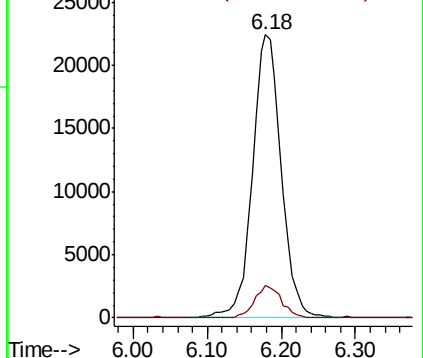
Tgt Ion:	62	Resp:	60508
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	20.4

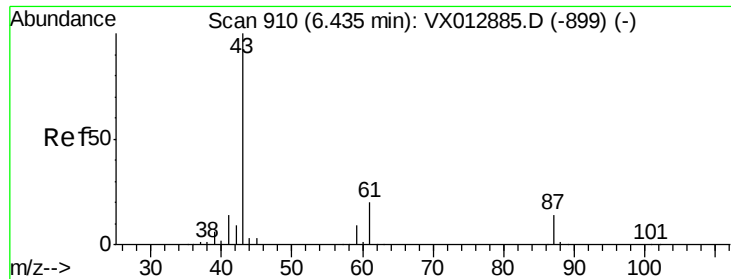


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.398 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

Instrument :

MSVOA_X

ClientSampled :

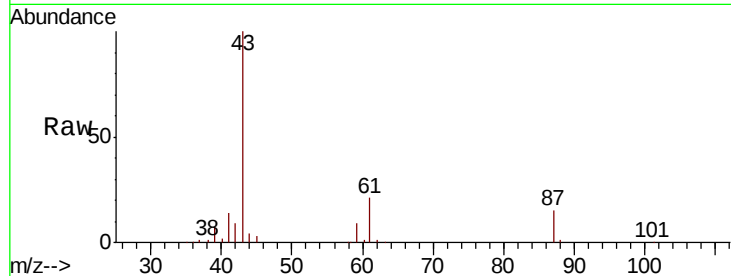
Tot Ion: 43 Resp: 101194

Ion Ratio Lower Upper

43 100

61 20.7 16.6 24.8

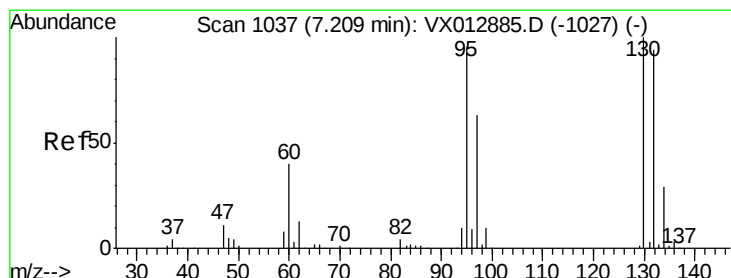
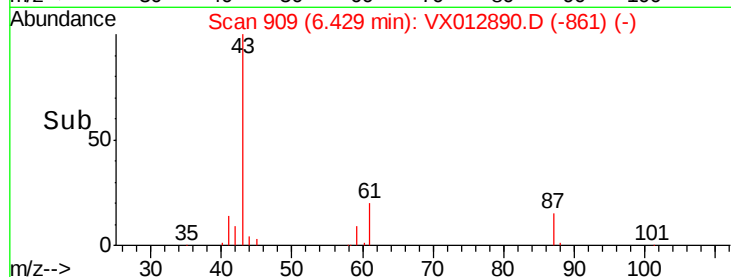
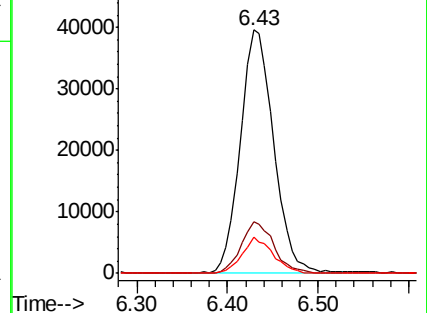
87 13.7 11.0 16.6



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: 19.625 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX012890.D

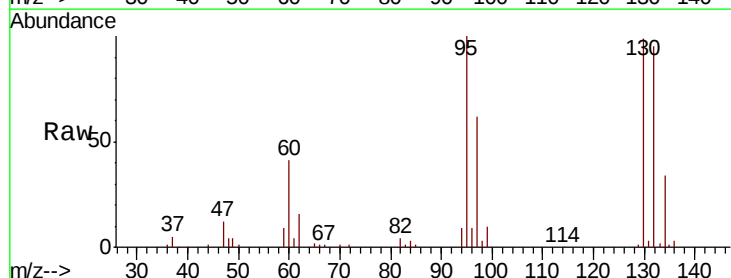
Acq: 08 Oct 2019 15:30

Tgt Ion:130 Resp: 44430

Ion Ratio Lower Upper

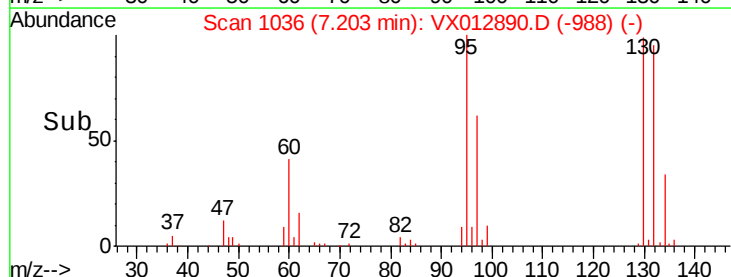
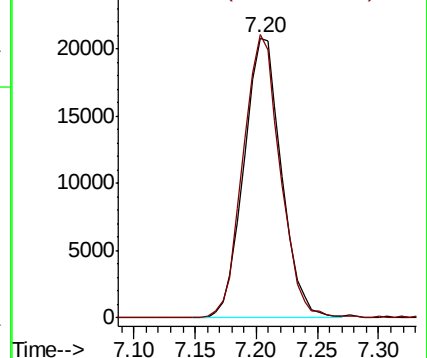
130 100

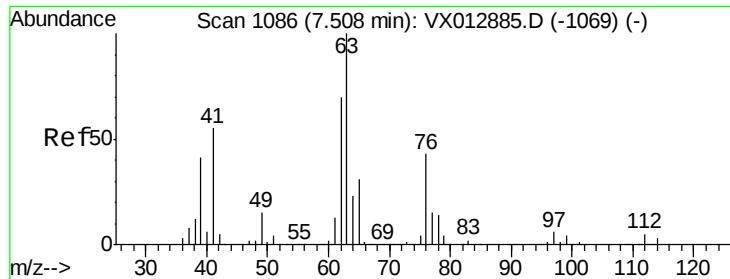
95 101.1 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

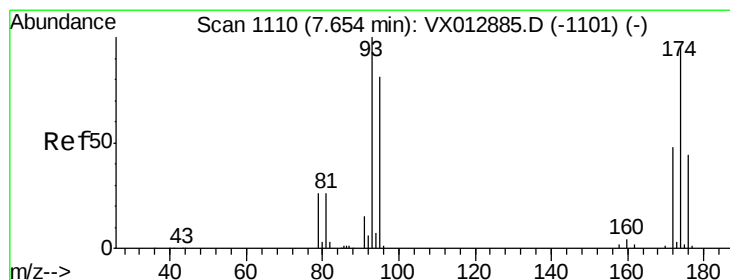
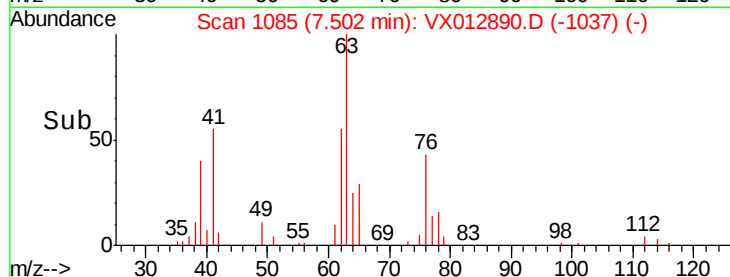
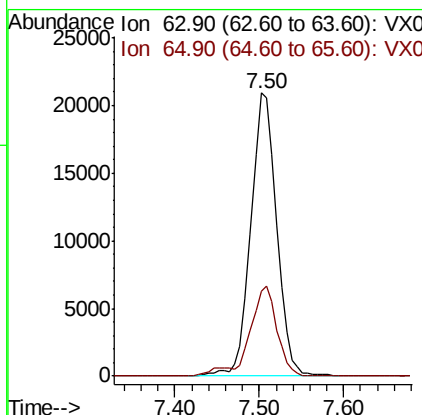
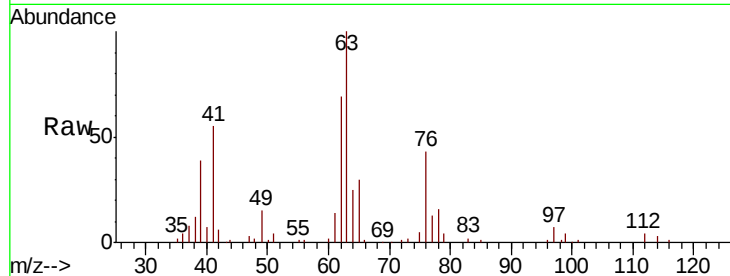




#45
 1,2-Dichloropropane
 Concen: 20.930 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX012890.D
 Acq: 08 Oct 2019 15:30

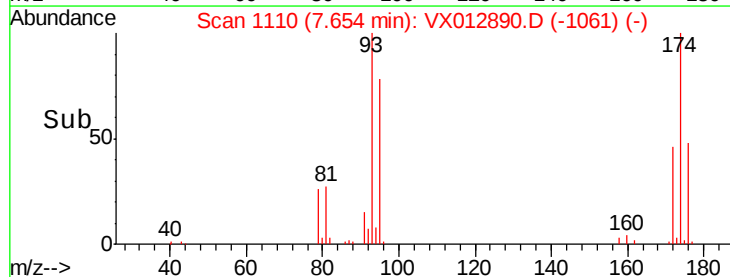
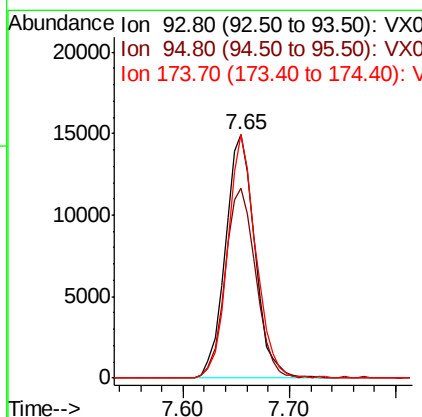
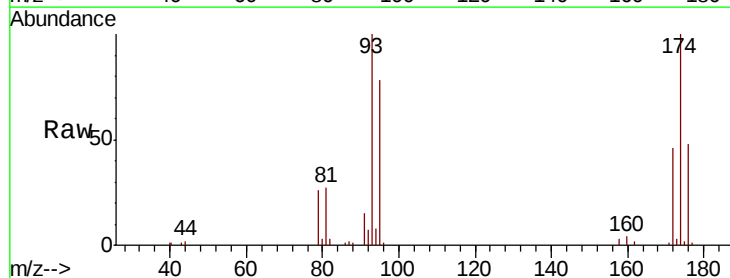
Instrument :
 MSVOA_X
 ClientSampleID :

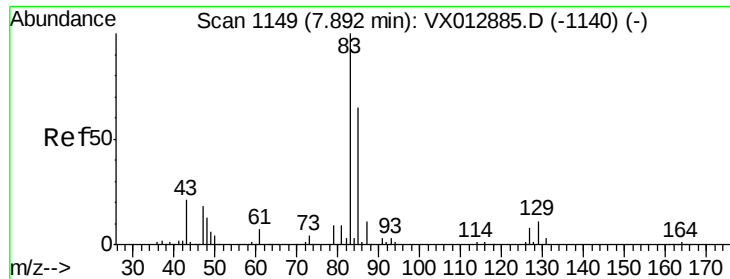
Tot Ion: 63 Resp: 43549
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.6 37.0



#46
 Dibromomethane
 Concen: 20.864 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012890.D
 Acq: 08 Oct 2019 15:30

Tgt Ion: 93 Resp: 28924
 Ion Ratio Lower Upper
 93 100
 95 81.2 66.3 99.5
 174 95.4 77.8 116.6





#47

Bromodichloromethane

Concen: 20.533 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

Instrument :

MSVOA_X

ClientSampleId :

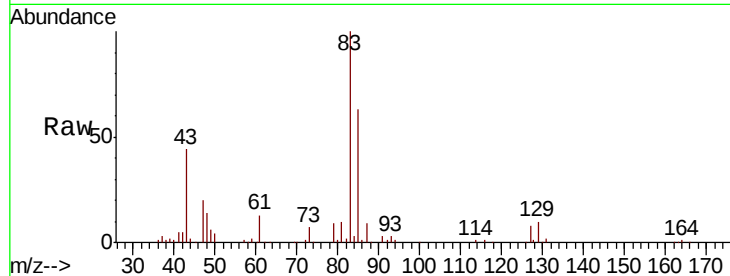
Tot Ion: 83 Resp: 55550

Ion Ratio Lower Upper

83 100

85 62.5 52.4 78.6

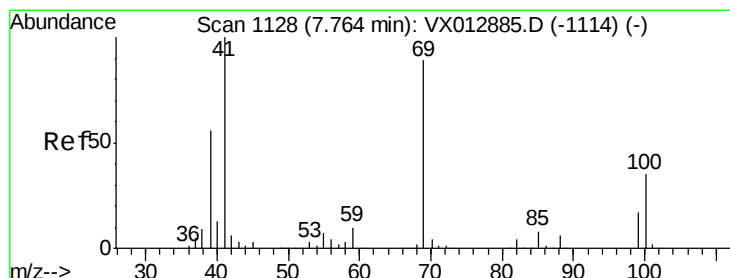
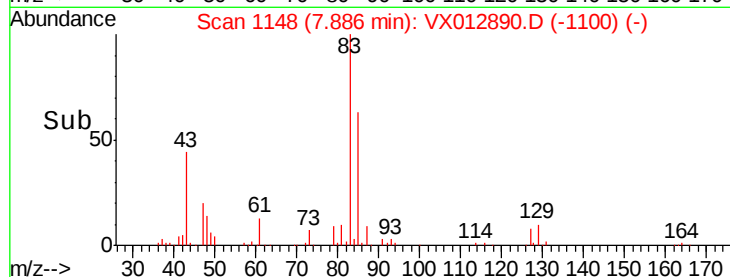
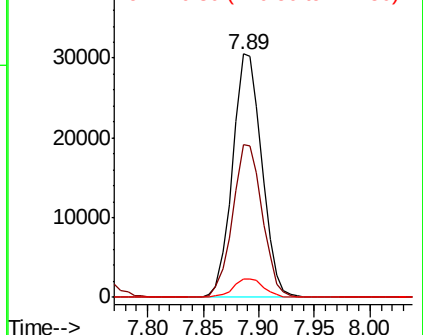
127 7.6 6.6 10.0



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: 20.229 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

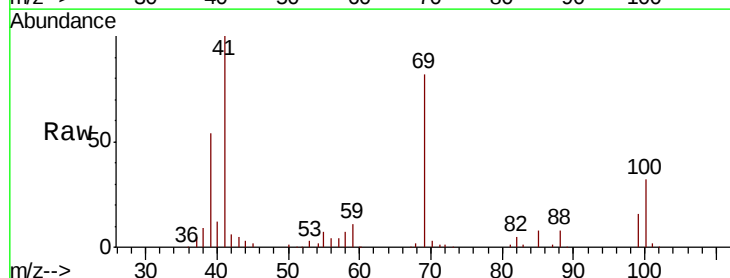
Tgt Ion: 41 Resp: 48903

Ion Ratio Lower Upper

41 100

69 85.1 68.7 103.1

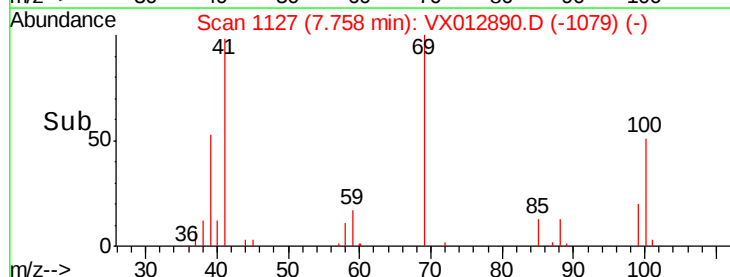
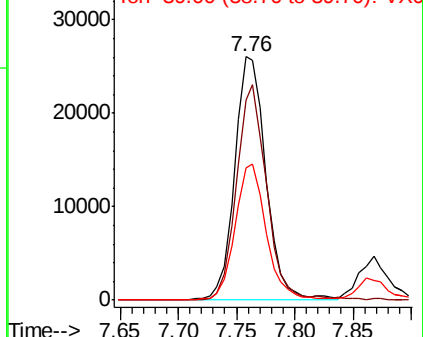
39 55.7 44.3 66.5

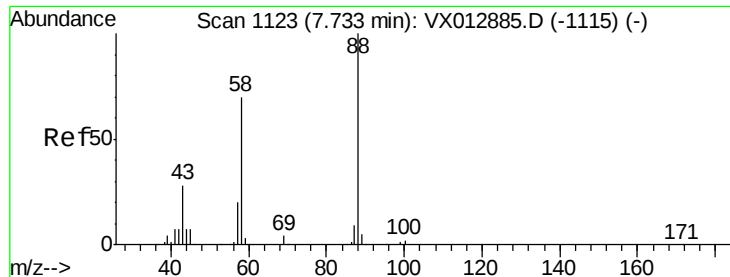


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 378.762 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

Instrument :

MSVOA_X

ClientSampleId :

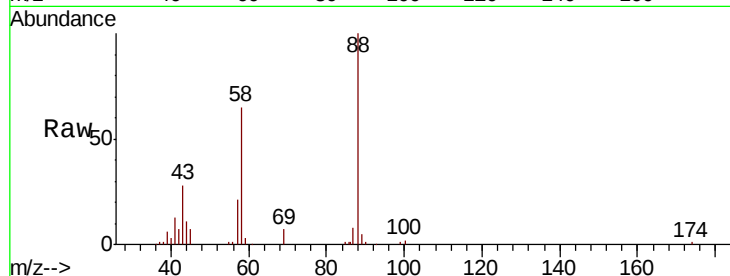
Tot Ion: 88 Resp: 23107

Ion Ratio Lower Upper

88 100

43 32.7 25.0 37.6

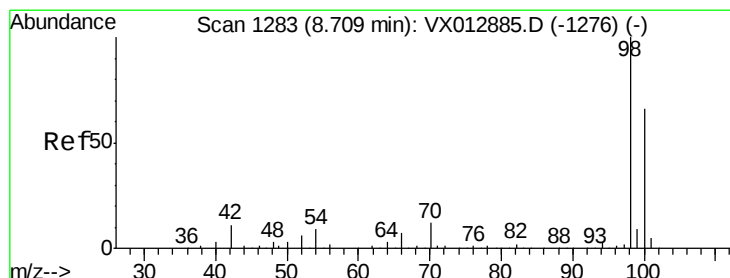
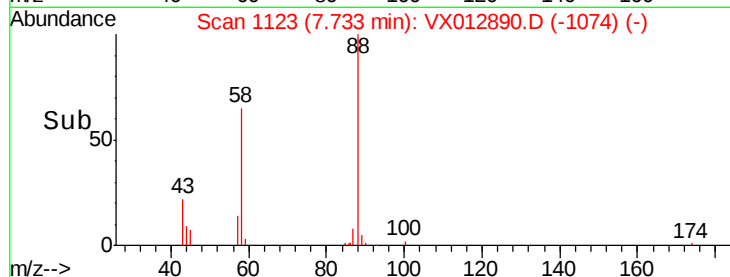
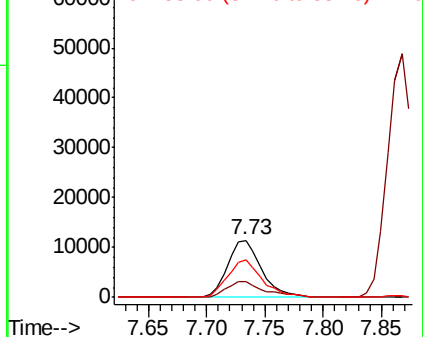
58 67.7 55.4 83.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.586 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012890.D

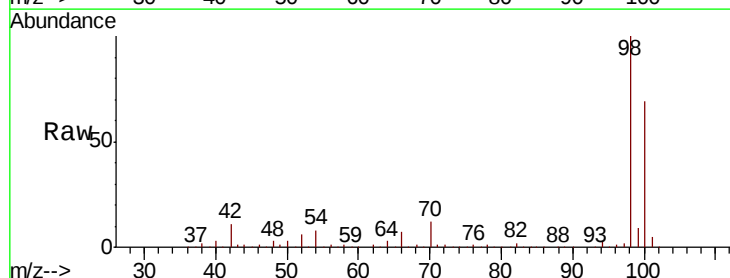
Acq: 08 Oct 2019 15:30

Tgt Ion: 98 Resp: 348974

Ion Ratio Lower Upper

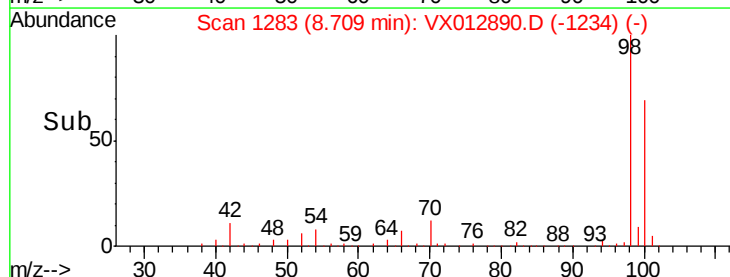
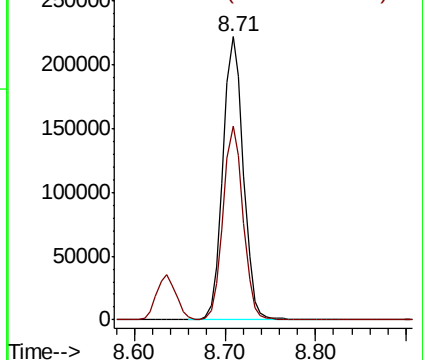
98 100

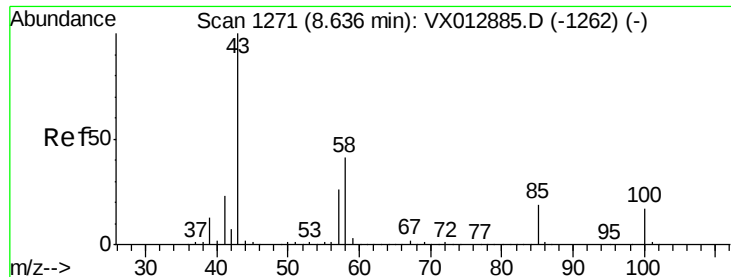
100 67.0 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 100.699 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

Instrument :

MSVOA_X

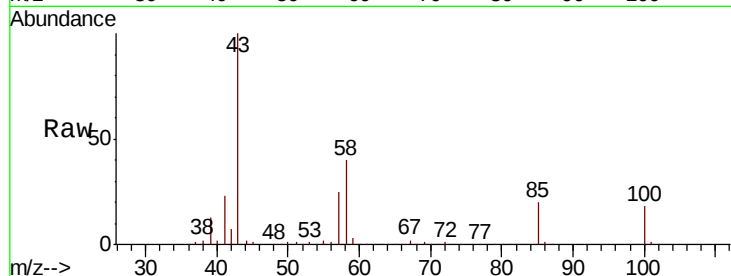
ClientSampled :

Tot Ion: 43 Resp: 311466

Ion Ratio Lower Upper

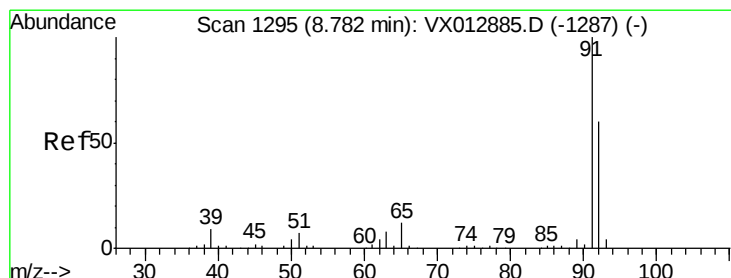
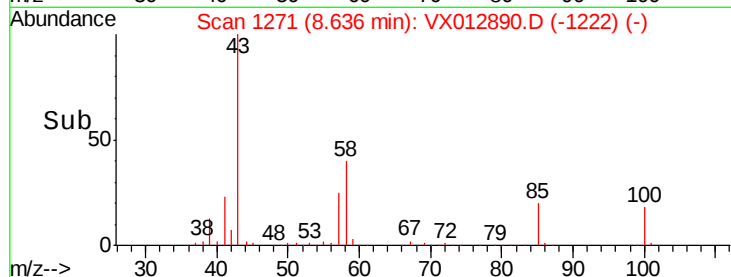
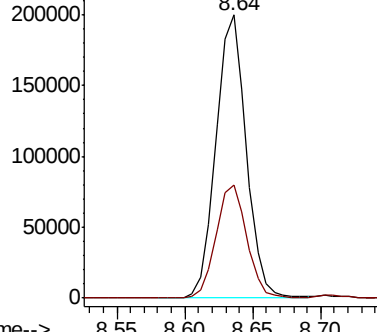
43 100

58 40.5 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: 20.733 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX012890.D

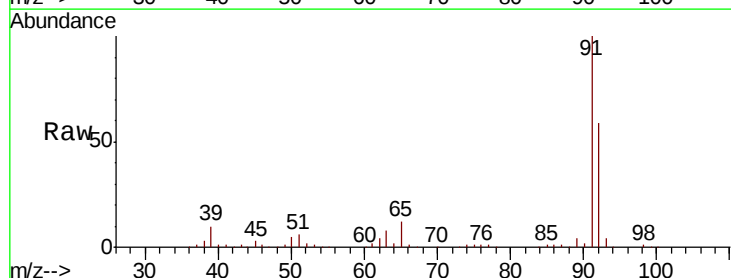
Acq: 08 Oct 2019 15:30

Tgt Ion: 92 Resp: 108289

Ion Ratio Lower Upper

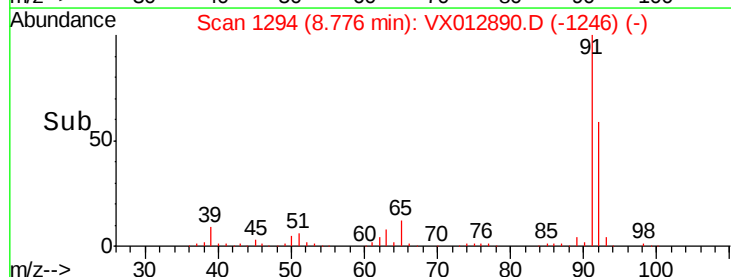
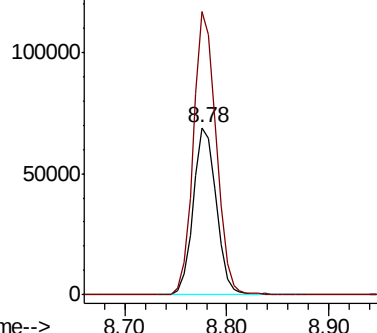
92 100

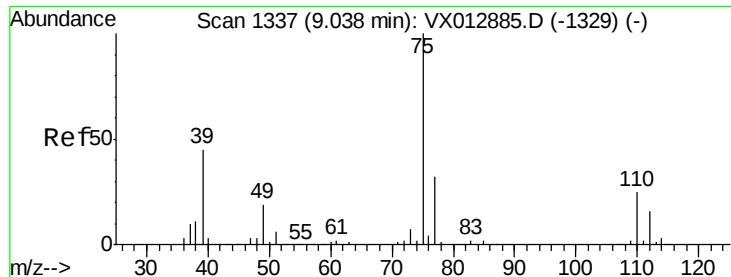
91 167.5 135.9 203.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

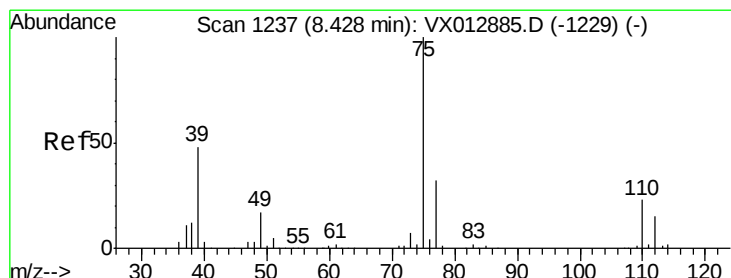
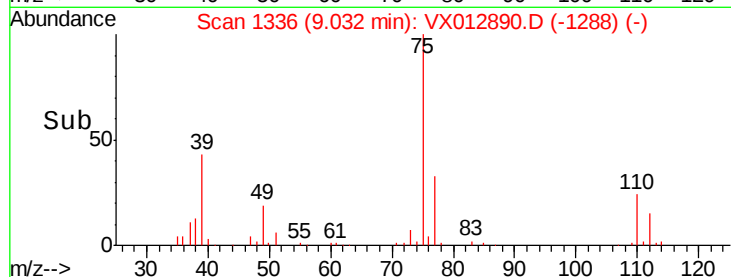
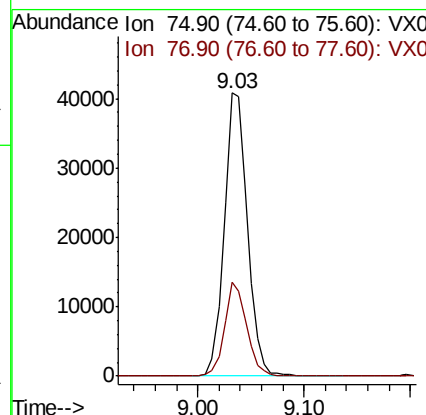
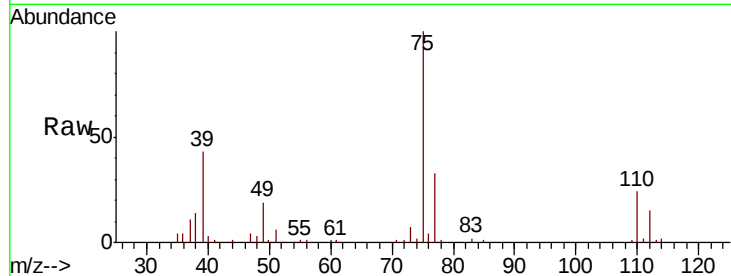




#53
 t-1,3-Dichloropropene
 Concen: 19.678 ug/l
 RT: 9.03 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: VX012890.D
 Acq: 08 Oct 2019 15:30

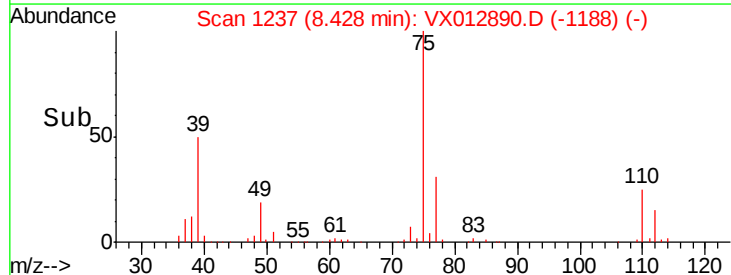
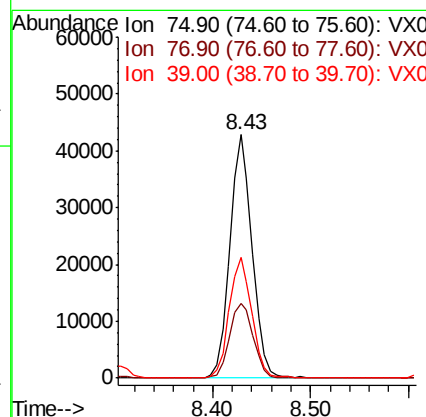
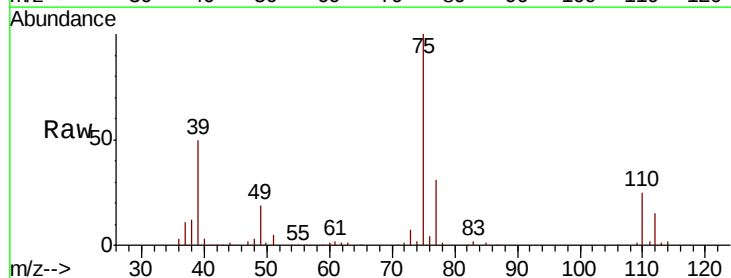
Instrument :
 MSVOA_X
 ClientSampleId :

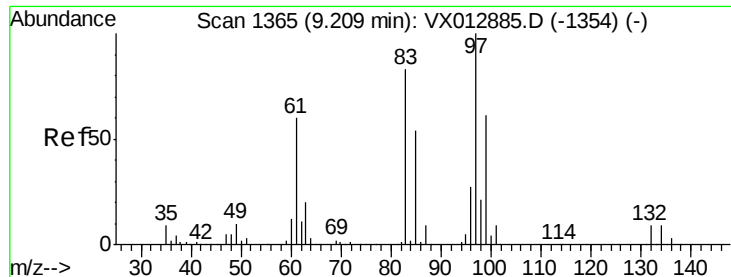
Tot Ion: 75 Resp: 61795
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 20.239 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012890.D
 Acq: 08 Oct 2019 15:30

Tgt Ion: 75 Resp: 67342
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.8 38.8
 39 49.6 38.2 57.2

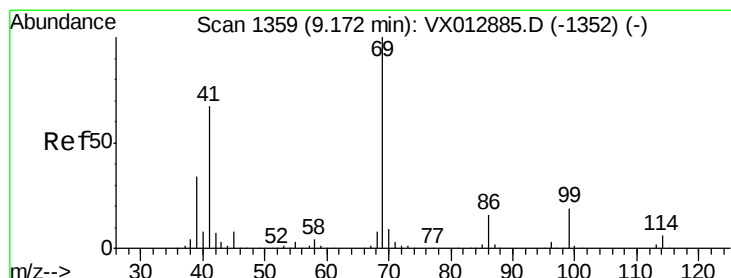
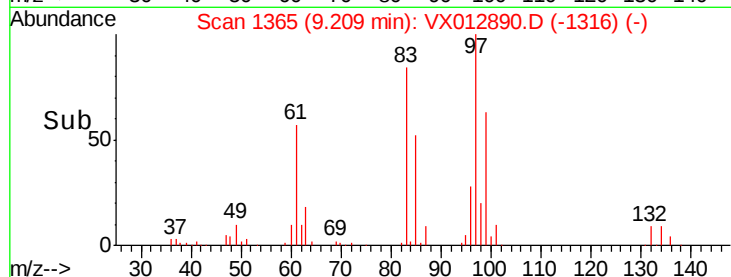
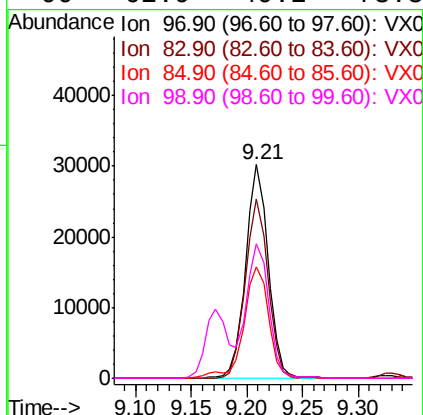
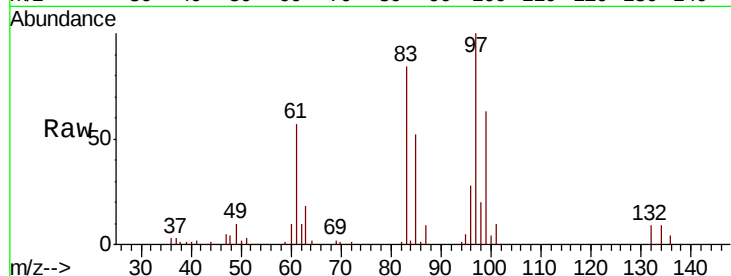




#55
 1,1,2-Trichloroethane
 Concen: 20.663 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012890.D
 Acq: 08 Oct 2019 15:30

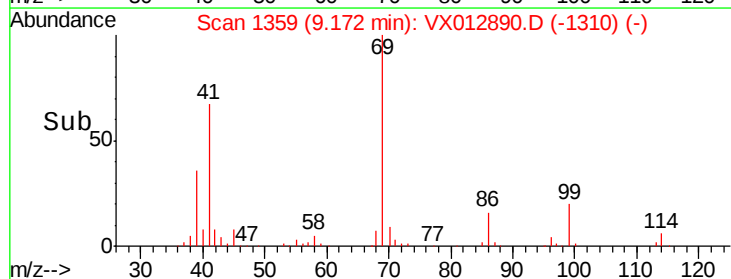
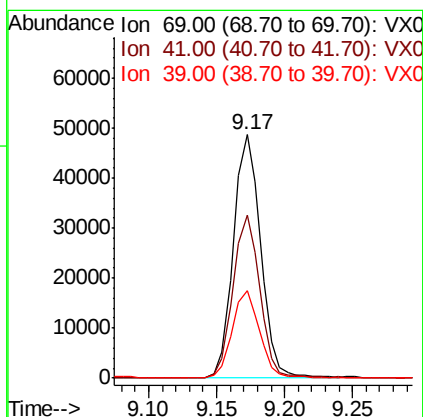
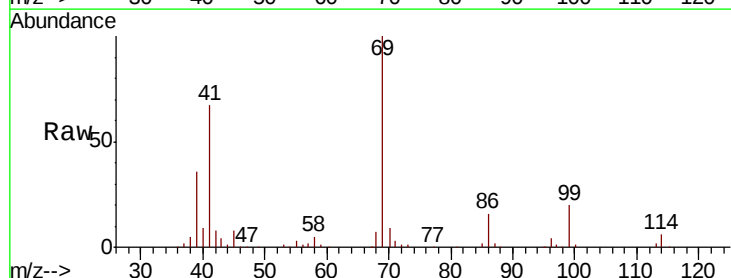
Instrument :
 MSVOA_X
 ClientSampled :

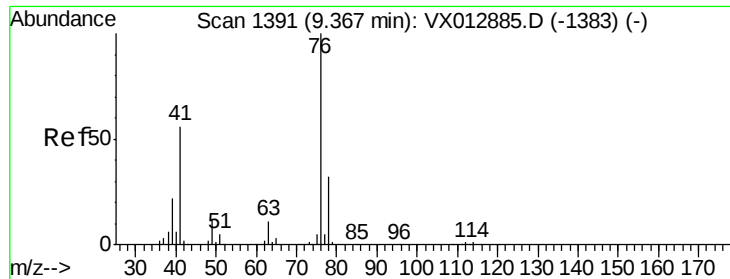
Tot Ion:	97	Resp:	42709
Ion	Ratio	Lower	Upper
97	100		
83	84.0	66.5	99.7
85	52.0	43.1	64.7
99	62.9	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 19.539 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012890.D
 Acq: 08 Oct 2019 15:30

Tgt Ion:	69	Resp:	68034
Ion	Ratio	Lower	Upper
69	100		
41	66.7	52.1	78.1
39	36.3	27.8	41.8

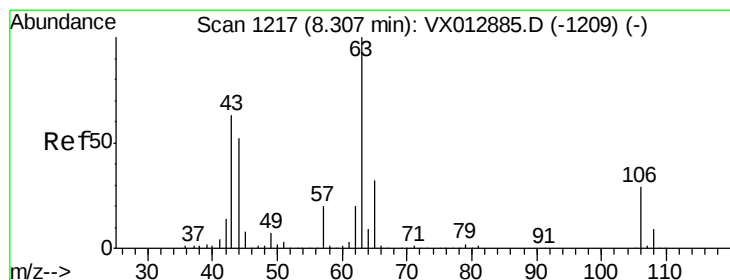
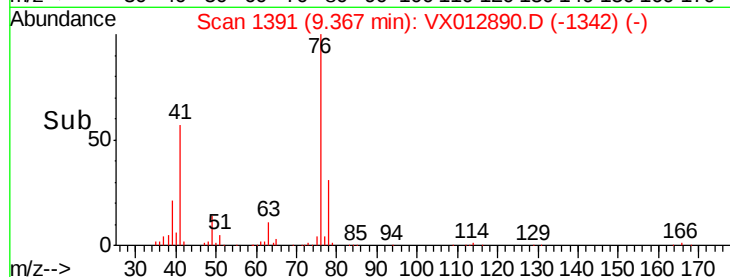
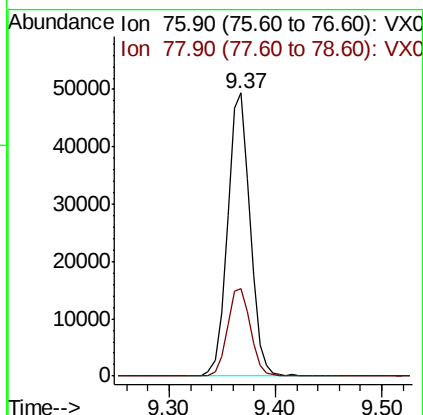
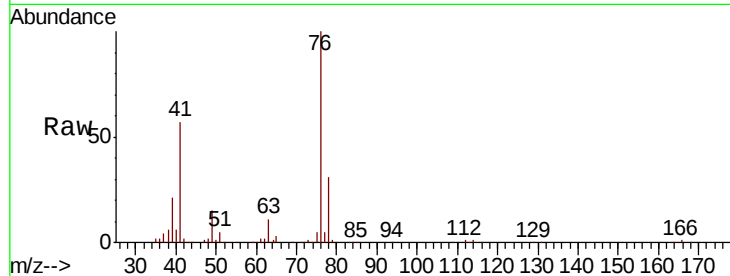




#57
 1,3-Dichloropropane
 Concen: 20.455 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012890.D
 Acq: 08 Oct 2019 15:30

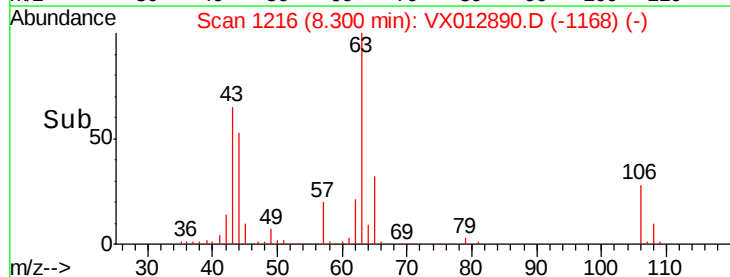
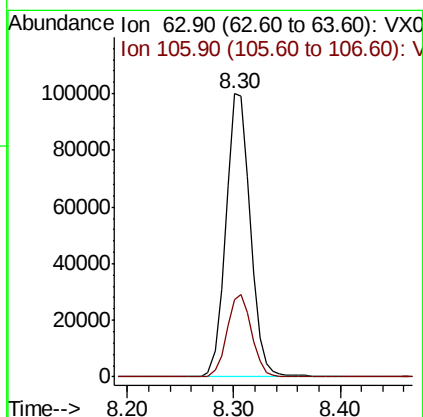
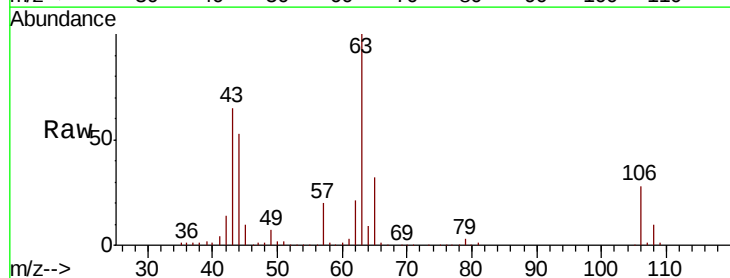
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 76 Resp: 73136
 Ion Ratio Lower Upper
 76 100
 78 31.7 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.294 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX012890.D
 Acq: 08 Oct 2019 15:30

Tgt Ion: 63 Resp: 161400
 Ion Ratio Lower Upper
 63 100
 106 29.2 23.8 35.8

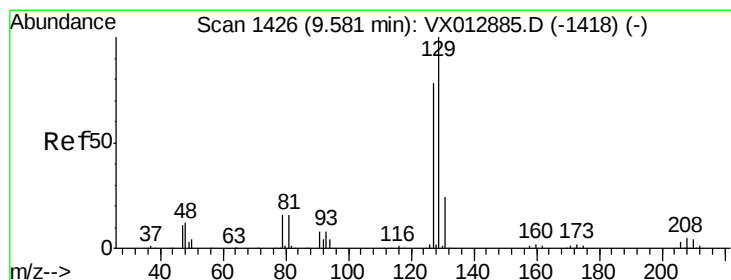
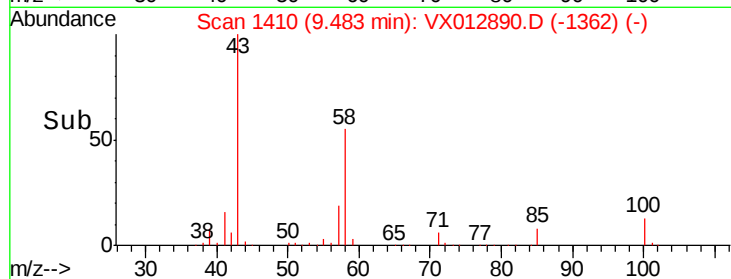
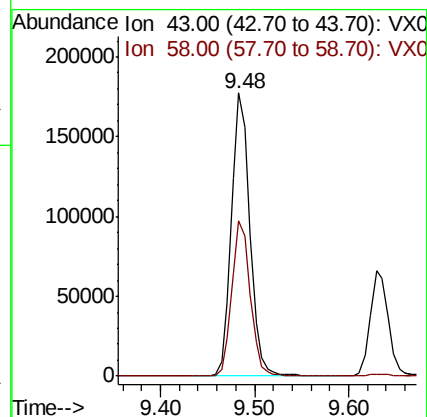
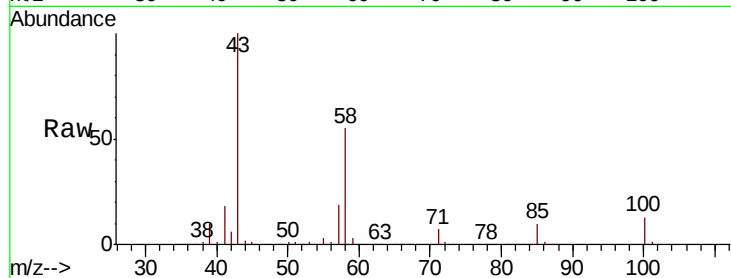




#59
2-Hexanone
Concen: 100.399 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

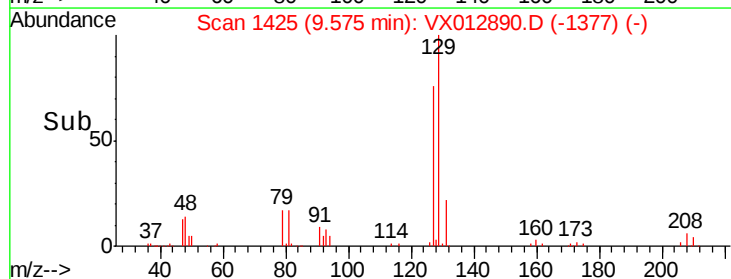
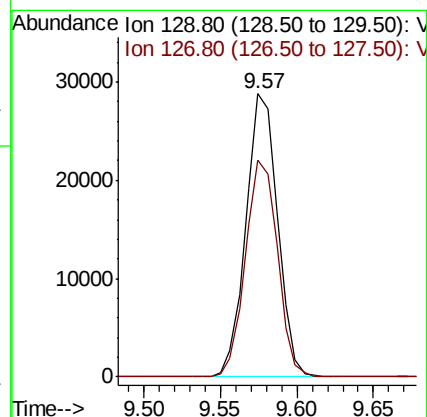
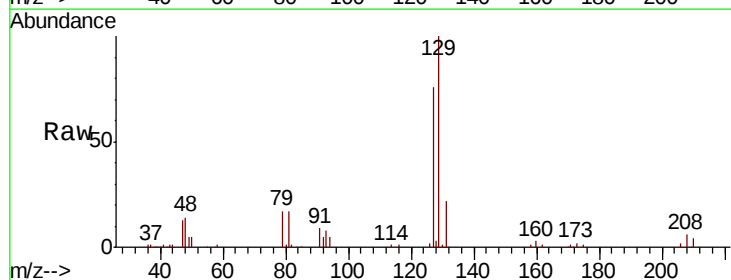
Instrument :
MSVOA_X
ClientSampleId :

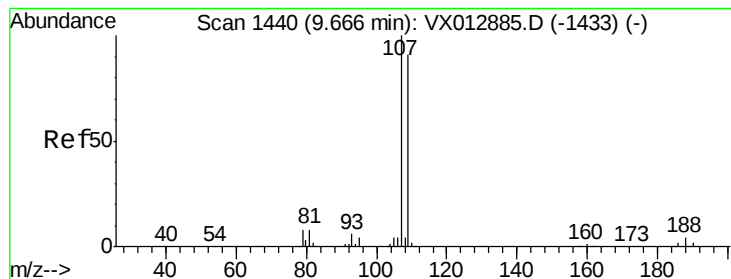
Tot Ion: 43 Resp: 241734
Ion Ratio Lower Upper
43 100
58 55.3 28.1 84.3



#60
Dibromochloromethane
Concen: 19.185 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Tgt Ion: 129 Resp: 41395
Ion Ratio Lower Upper
129 100
127 77.5 38.9 116.7





#61

1,2-Dibromoethane

Concen: 20.821 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

Instrument :

MSVOA_X

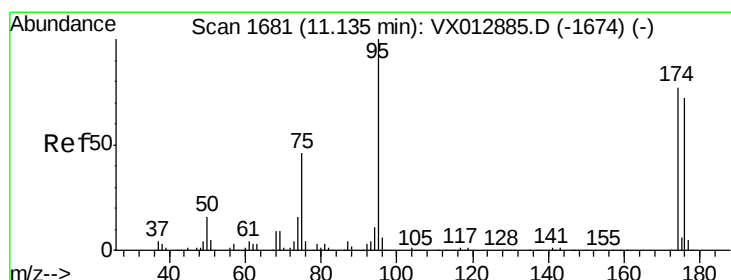
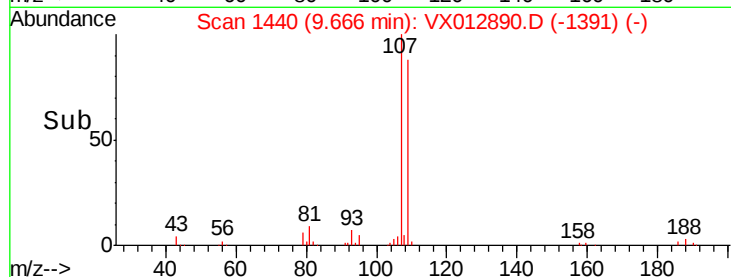
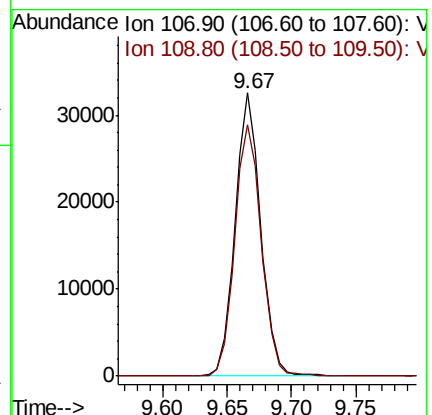
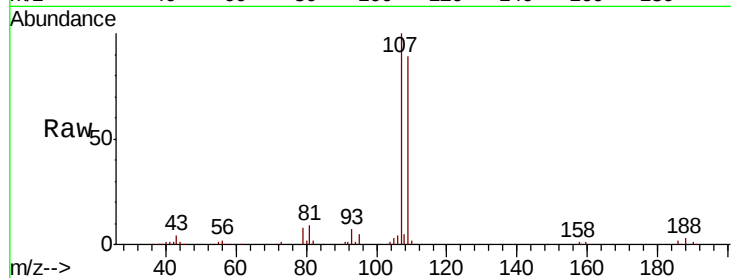
ClientSampleId :

Tot Ion:107 Resp: 45272

Ion Ratio Lower Upper

107 100

109 91.9 75.8 113.6



#62

4-Bromofluorobenzene

Concen: 49.340 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

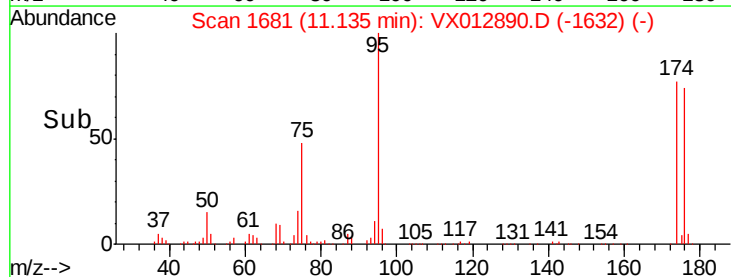
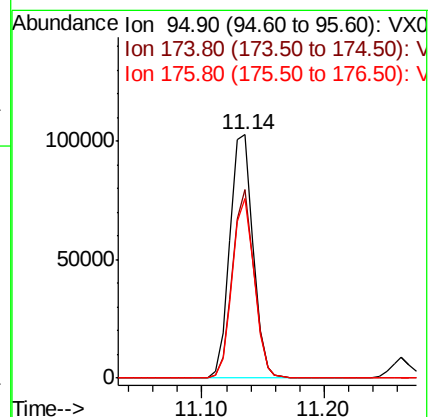
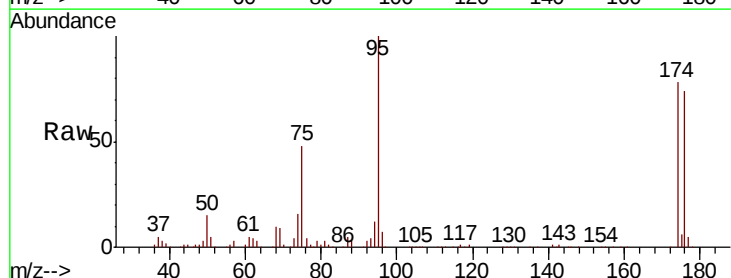
Tgt Ion: 95 Resp: 134924

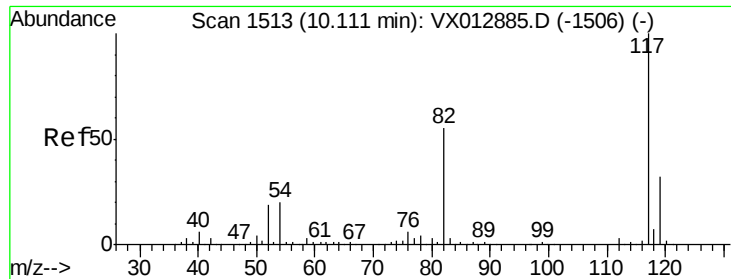
Ion Ratio Lower Upper

95 100

174 72.5 0.0 143.4

176 69.9 0.0 136.0

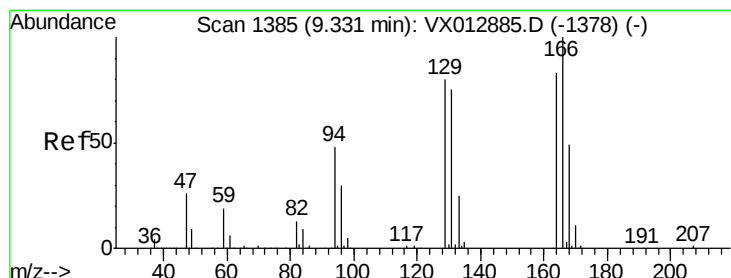
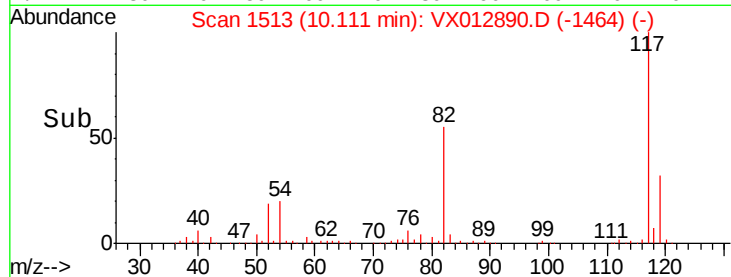
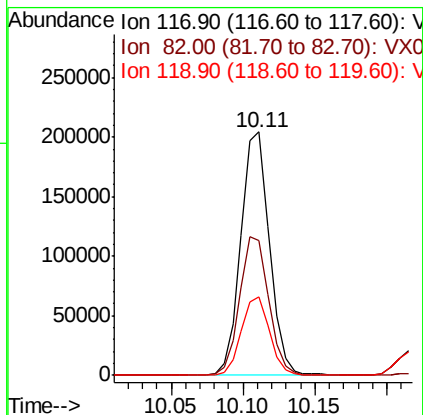
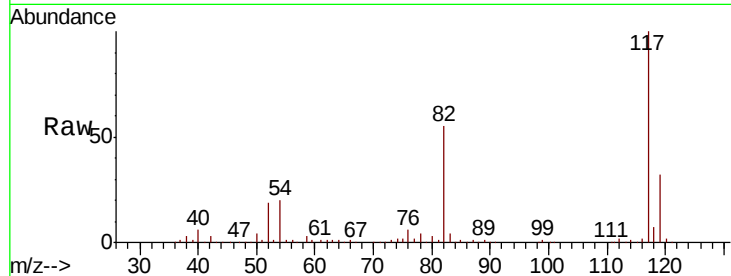




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

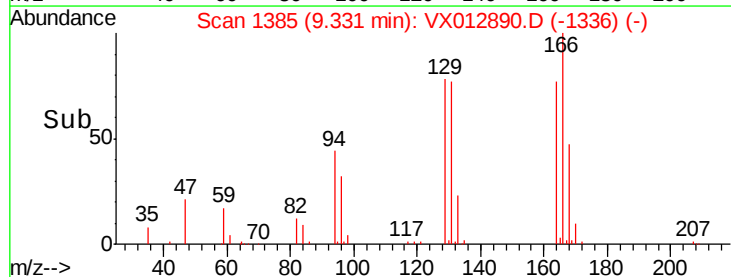
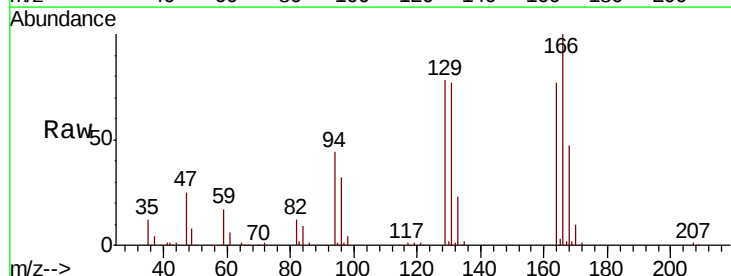
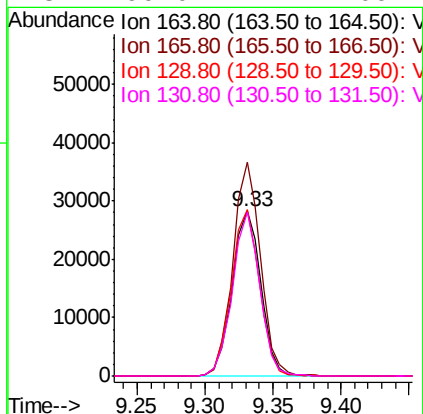
Instrument :
MSVOA_X
ClientSampled :

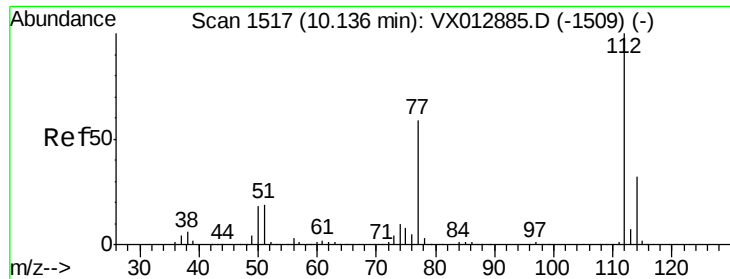
Tot Ion:117 Resp: 281851
Ion Ratio Lower Upper
117 100
82 55.3 44.1 66.1
119 32.0 25.8 38.8



#64
Tetrachloroethene
Concen: 21.185 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Tgt Ion:164 Resp: 41414
Ion Ratio Lower Upper
164 100
166 129.4 96.9 145.3
129 100.7 77.9 116.9
131 99.0 72.7 109.1





#65

Chlorobenzene

Concen: 20.213 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

Instrument :

MSVOA_X

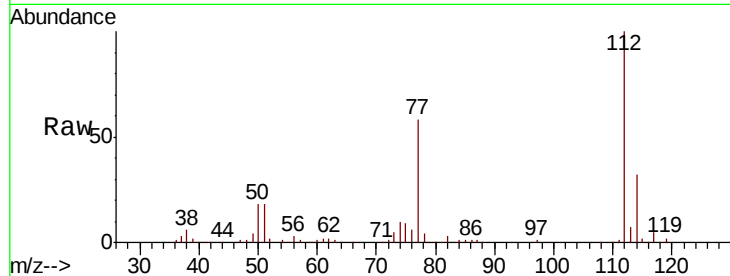
ClientSampled :

Tot Ion:112 Resp: 113134

Ion Ratio Lower Upper

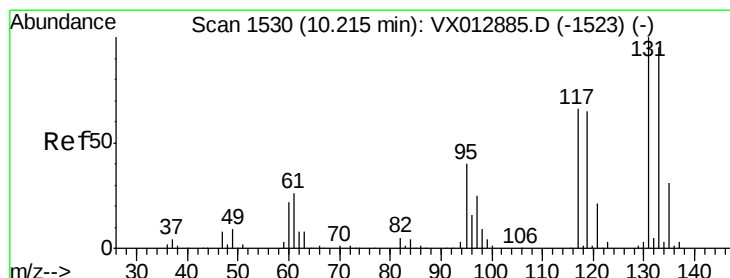
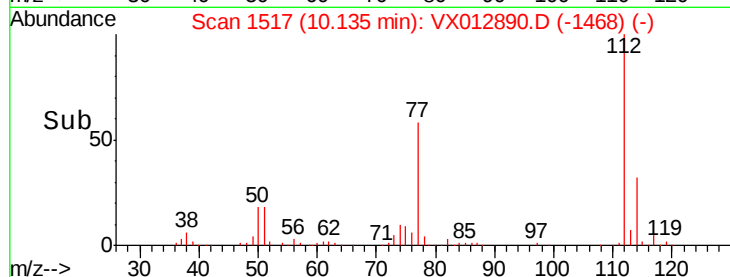
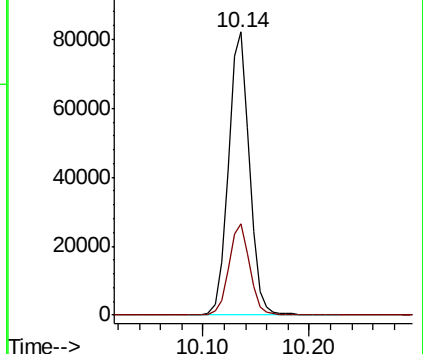
112 100

114 32.2 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.562 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

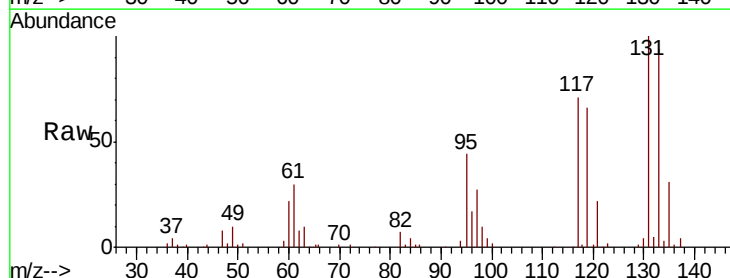
Tgt Ion:131 Resp: 39904

Ion Ratio Lower Upper

131 100

133 94.1 47.2 141.6

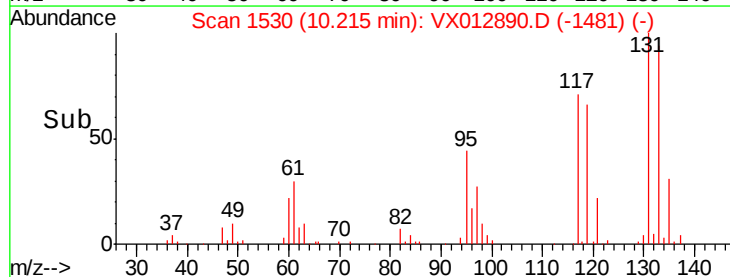
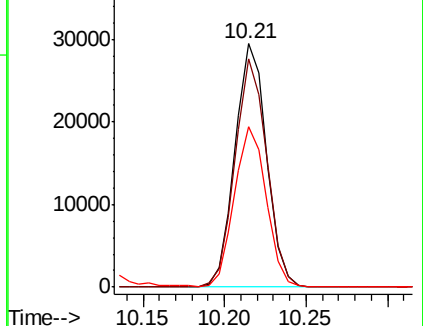
119 66.6 32.6 98.0

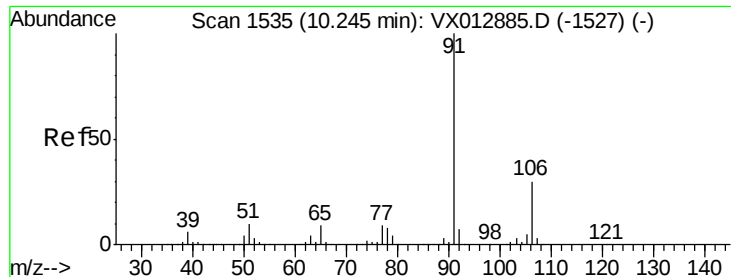


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

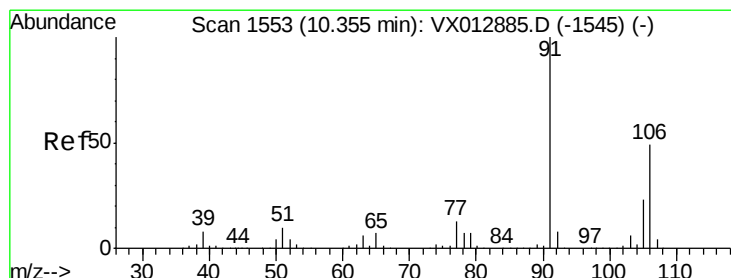
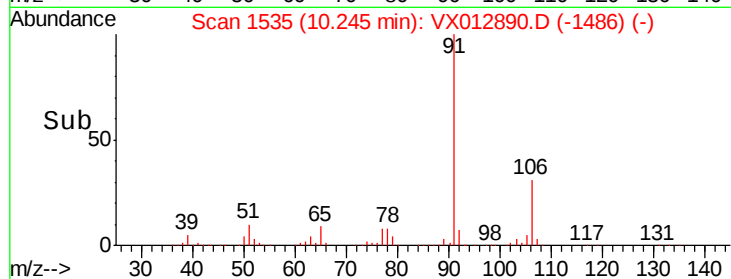
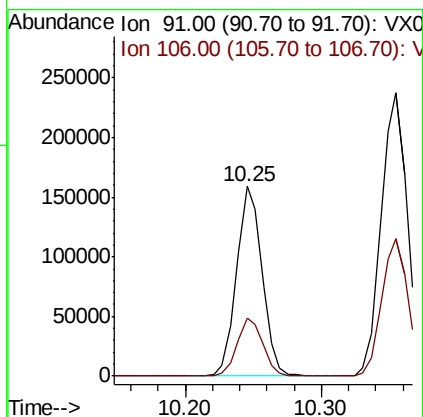
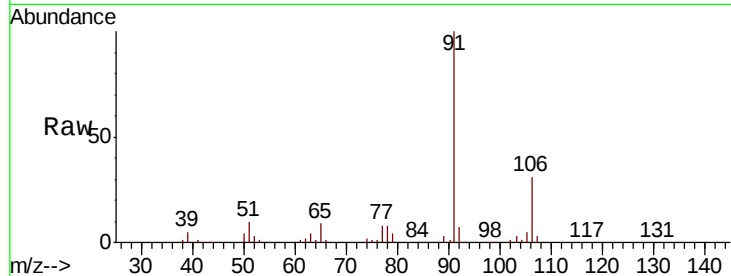




#67
Ethyl Benzene
Concen: 20.917 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

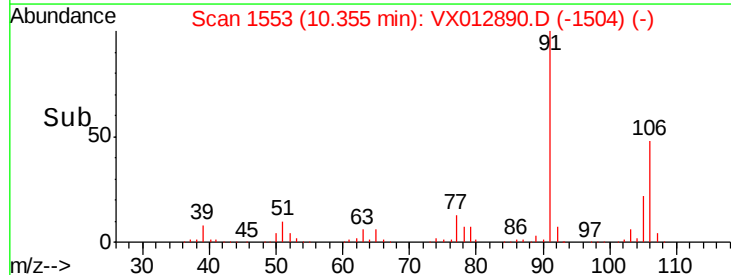
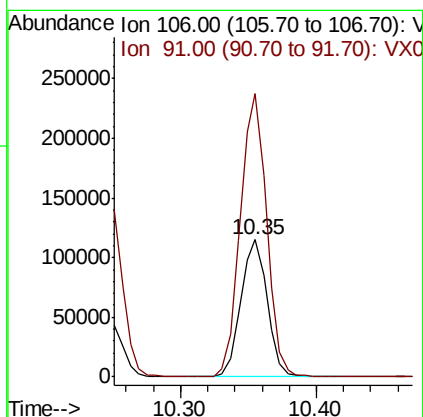
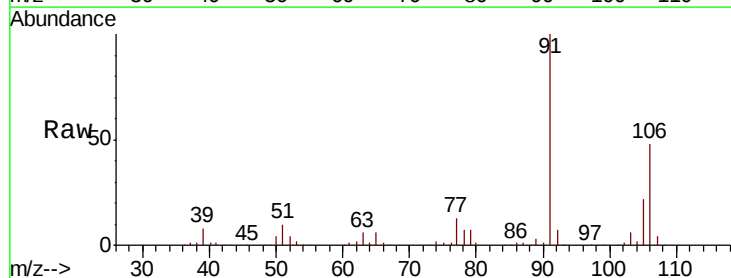
Instrument :
MSVOA_X
ClientSampled :

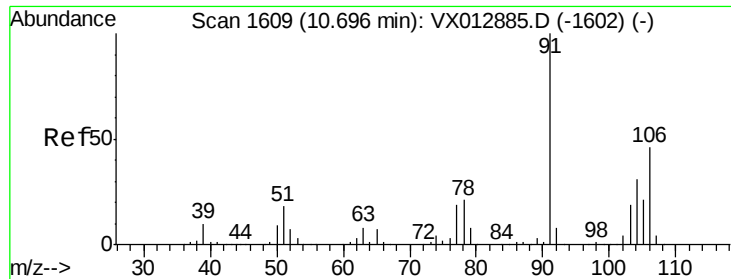
Tot Ion: 91 Resp: 207959
Ion Ratio Lower Upper
91 100
106 30.8 23.9 35.9



#68
m/p-Xylenes
Concen: 41.841 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Tgt Ion: 106 Resp: 155406
Ion Ratio Lower Upper
106 100
91 205.9 165.3 247.9

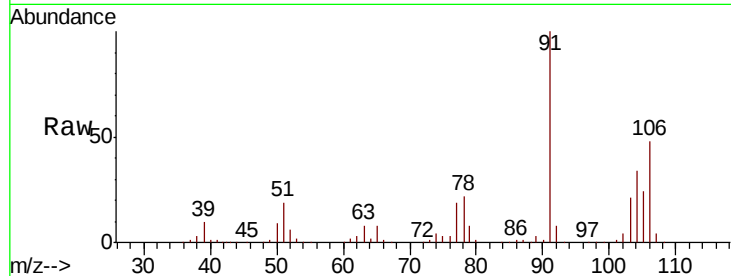




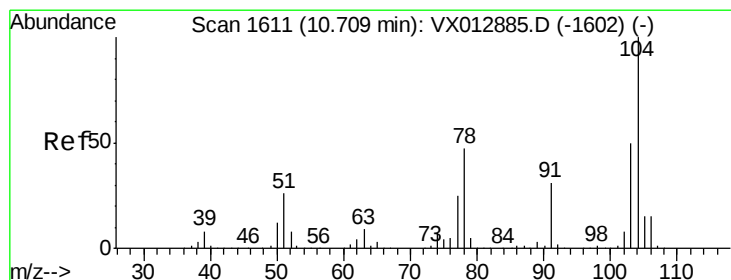
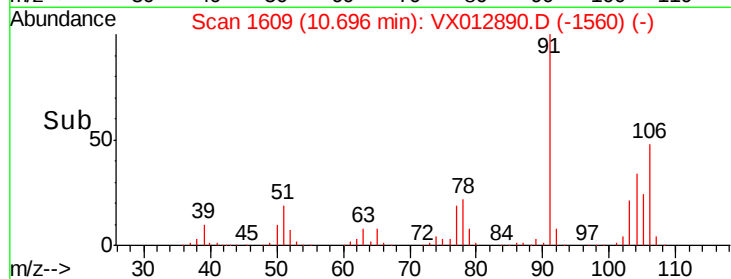
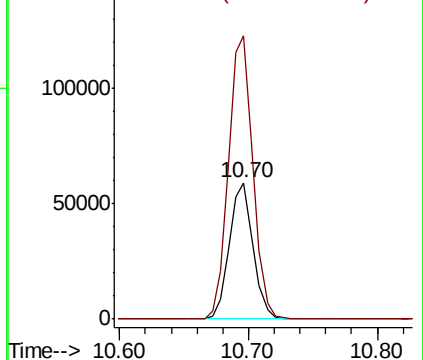
#69
o-Xylene
Concen: 20.987 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 76013
Ion Ratio Lower Upper
106 100
91 214.4 109.1 327.3

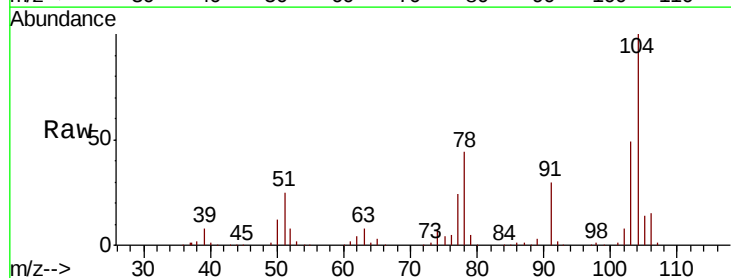


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

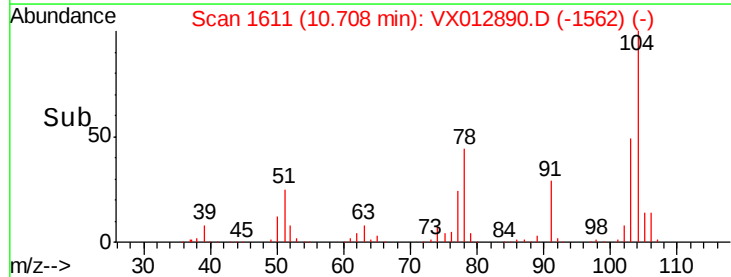
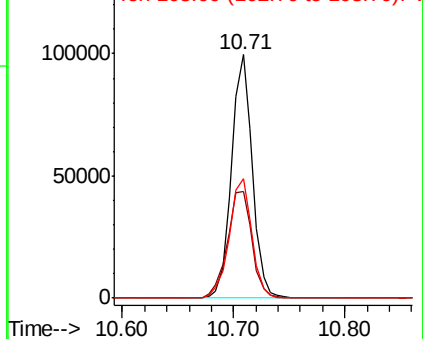


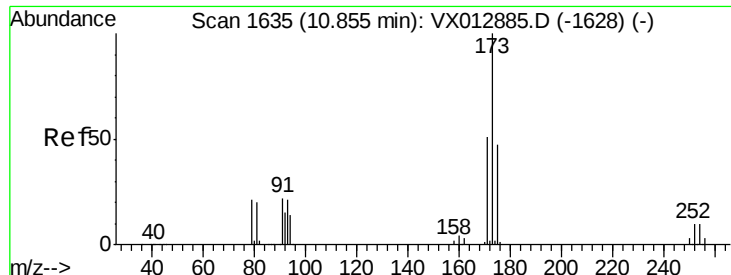
#70
Styrene
Concen: 20.917 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Tgt Ion:104 Resp: 128797
Ion Ratio Lower Upper
104 100
78 51.7 41.2 61.8
103 53.1 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: 18.569 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

Instrument :

MSVOA_X

ClientSampled :

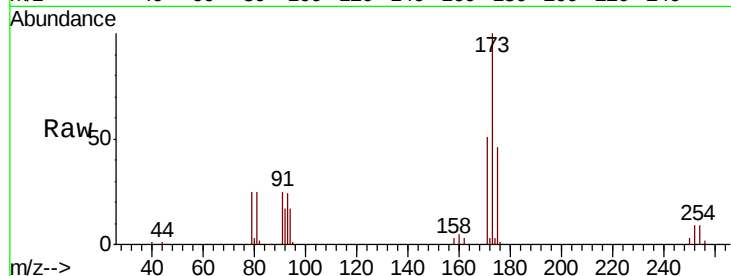
Tot Ion:173 Resp: 27226

Ion Ratio Lower Upper

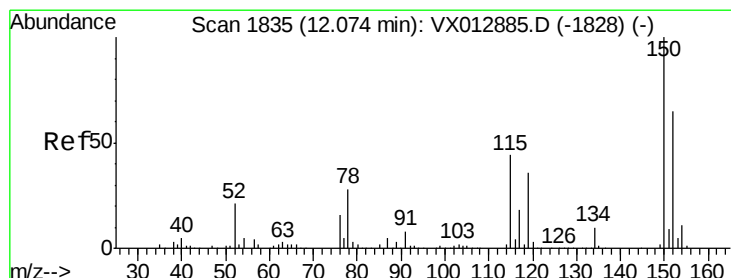
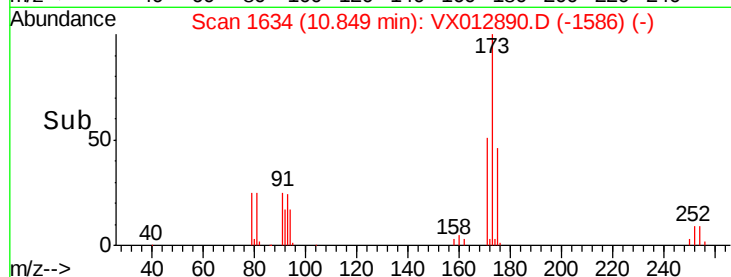
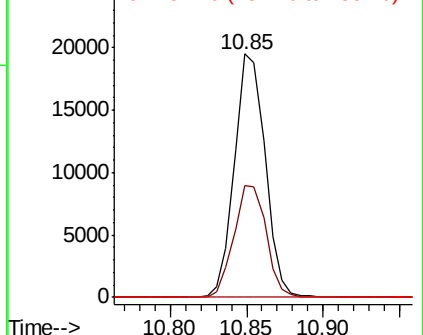
173 100

175 47.9 24.1 72.3

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

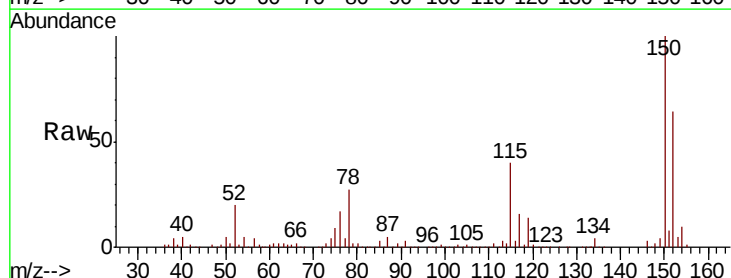
Tgt Ion:152 Resp: 128133

Ion Ratio Lower Upper

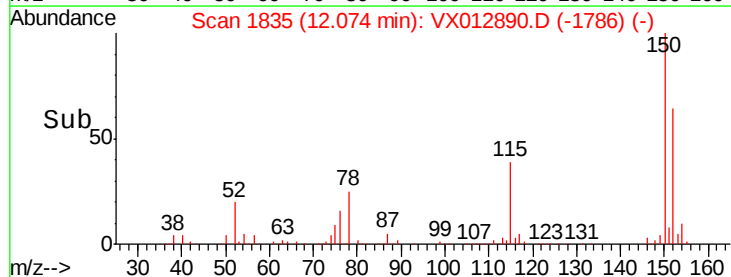
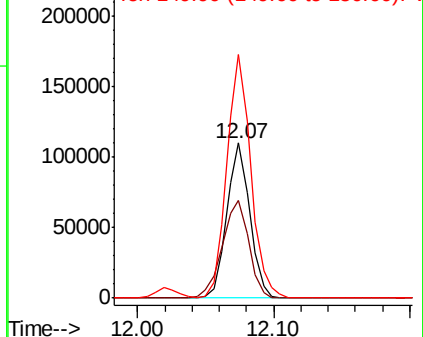
152 100

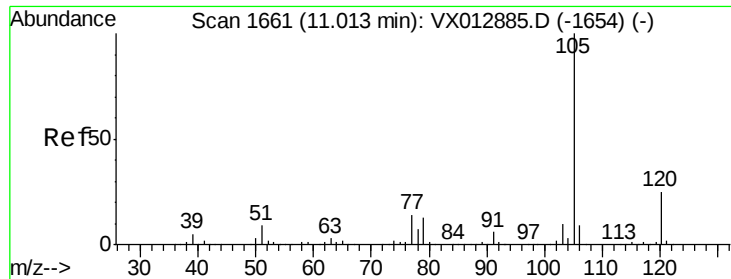
115 73.3 44.5 133.5

150 165.1 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: 21.368 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

Instrument :

MSVOA_X

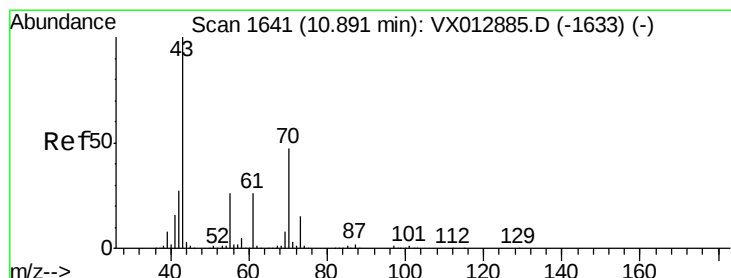
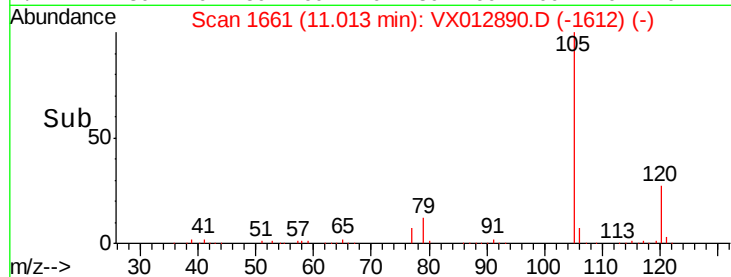
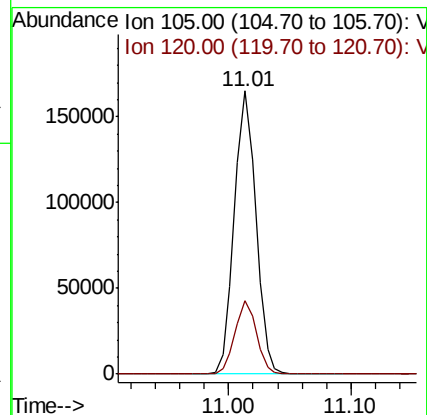
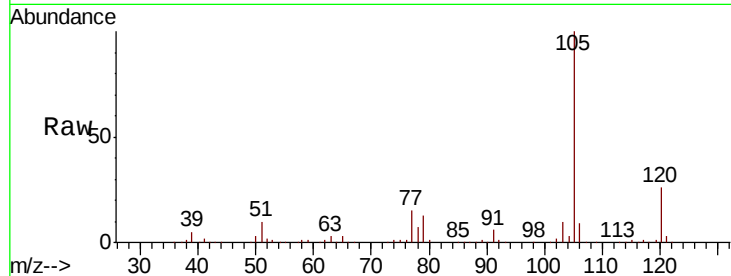
ClientSampleId :

Tot Ion:105 Resp: 201302

Ion Ratio Lower Upper

105 100

120 25.7 13.0 39.0



#74

N-ethyl acetate

Concen: 20.662 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

Tgt Ion: 43 Resp: 83831

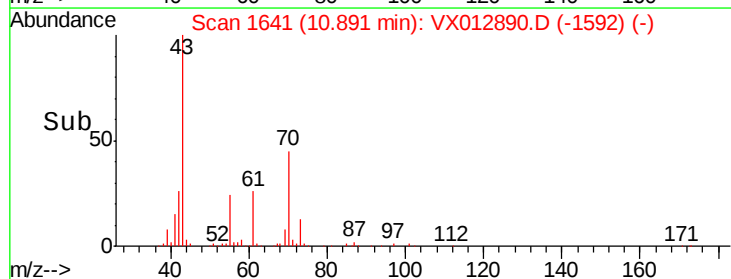
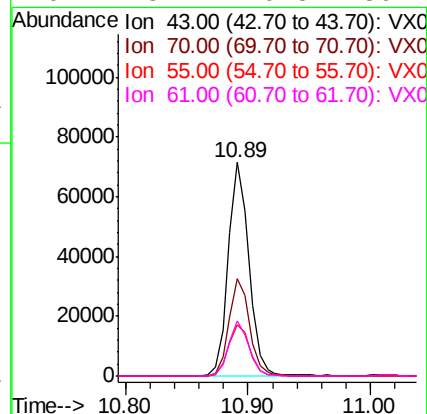
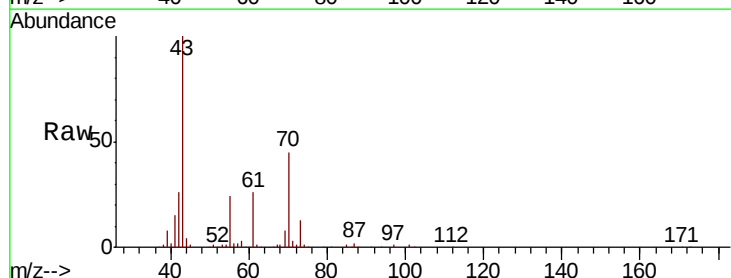
Ion Ratio Lower Upper

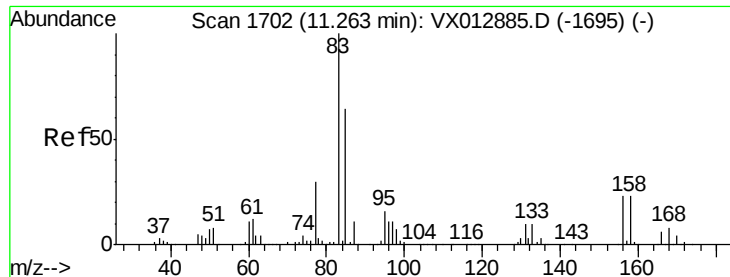
43 100

70 45.1 36.4 54.6

55 25.1 20.2 30.2

61 25.4 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.270 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

Instrument :

MSVOA_X

ClientSampleId :

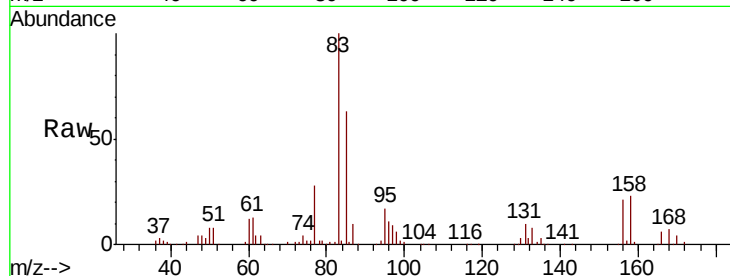
Tot Ion: 83 Resp: 63512

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.3

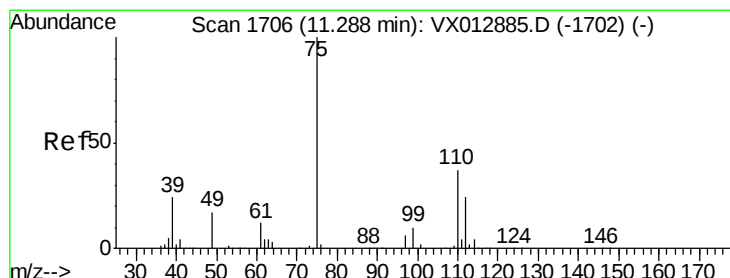
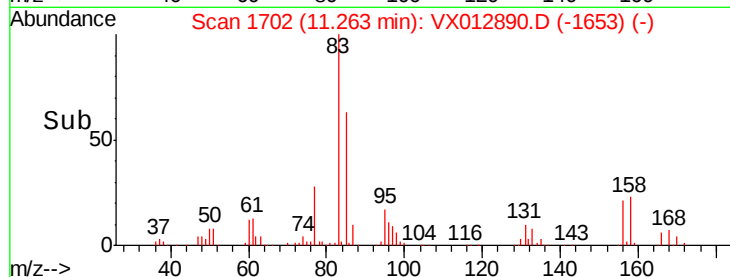
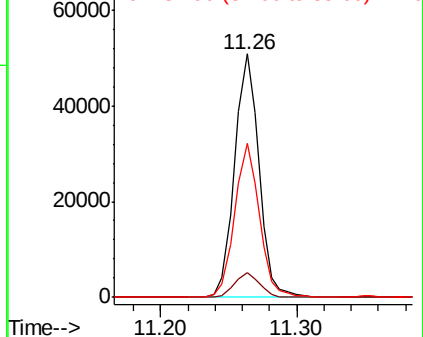
85 64.4 32.1 96.5



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



#76

1,2,3-Trichloropropane

Concen: 26.119 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX012890.D

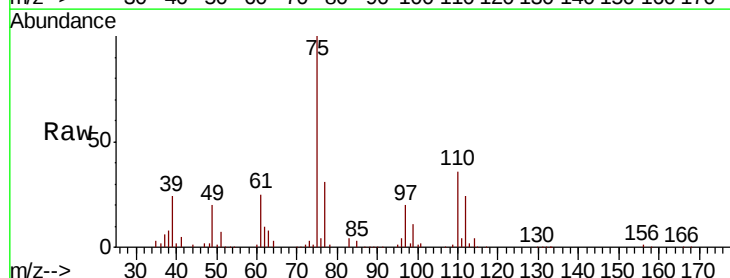
Acq: 08 Oct 2019 15:30

Tgt Ion: 75 Resp: 74231

Ion Ratio Lower Upper

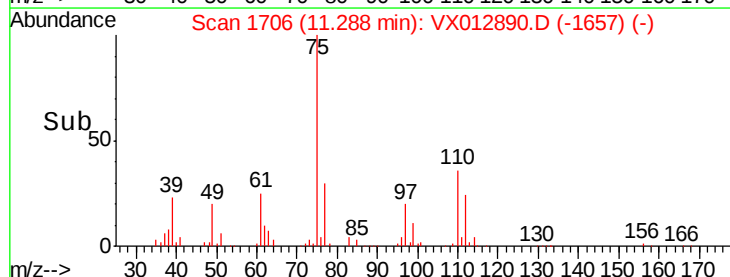
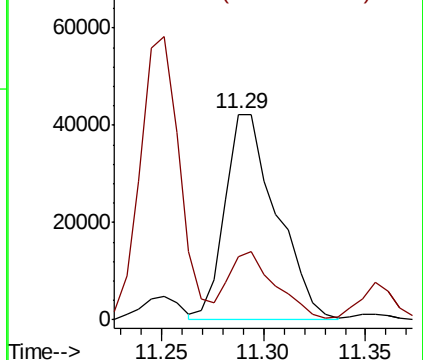
75 100

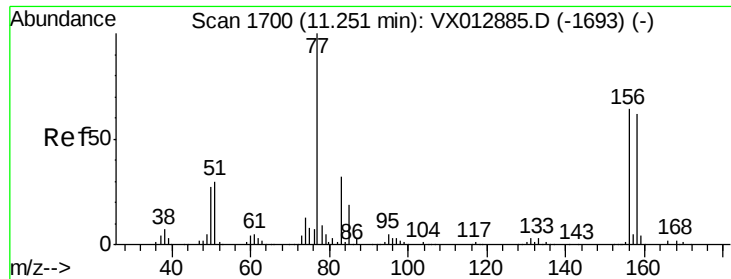
77 30.1 22.9 68.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.108 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

Instrument :

MSVOA_X

ClientSampleId :

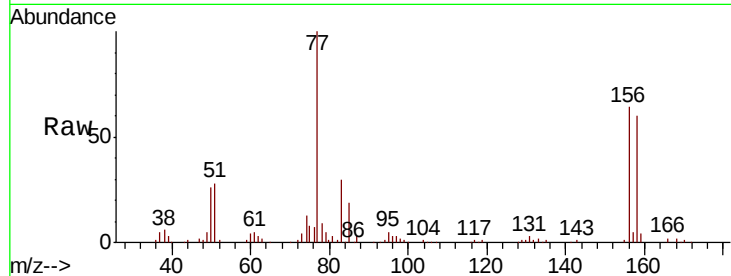
Tot Ion:156 Resp: 46858

Ion Ratio Lower Upper

156 100

77 166.8 83.7 251.0

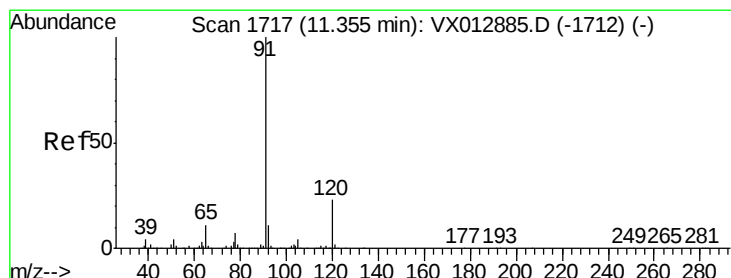
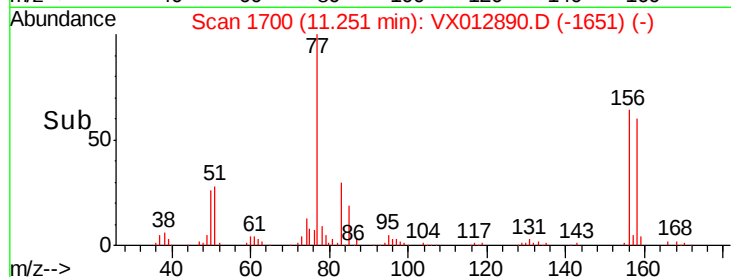
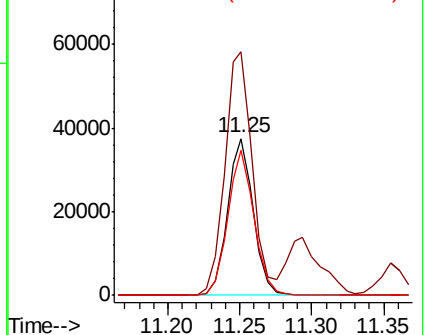
158 94.4 48.6 145.9



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: 20.967 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012890.D

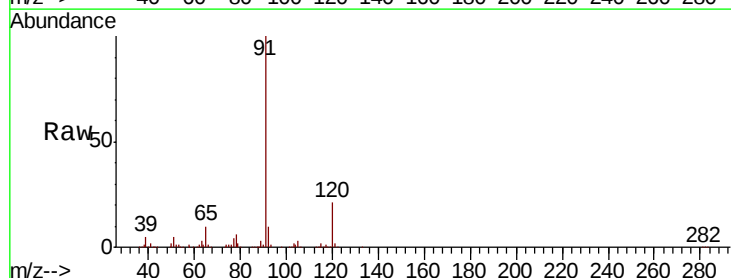
Acq: 08 Oct 2019 15:30

Tgt Ion: 91 Resp: 217350

Ion Ratio Lower Upper

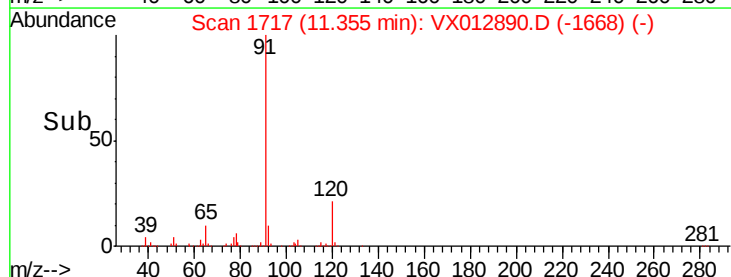
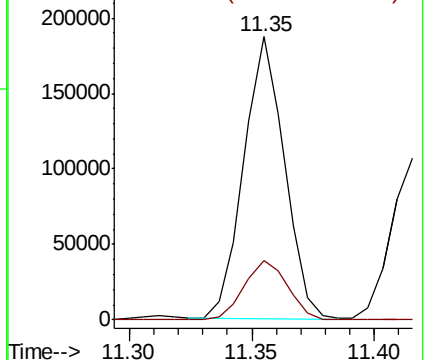
91 100

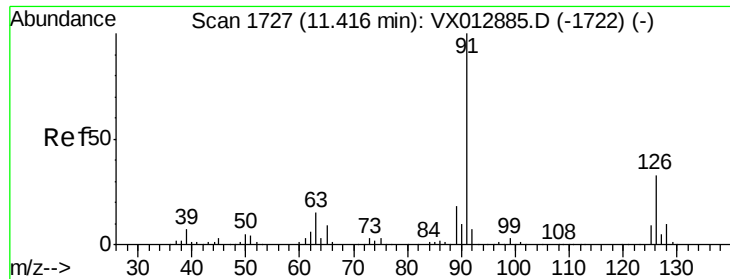
120 22.8 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

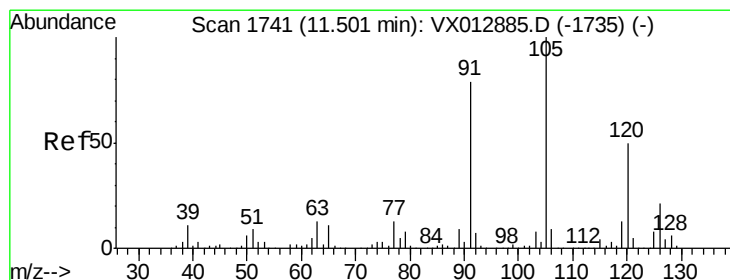
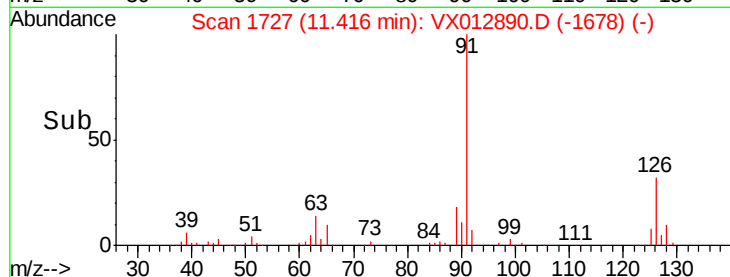
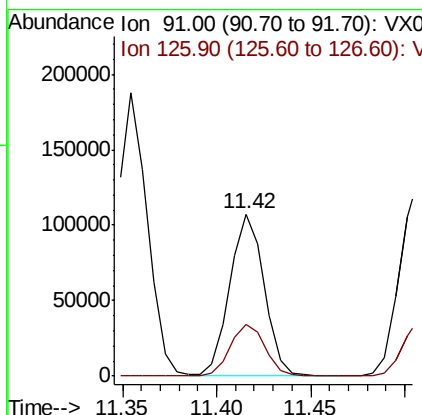
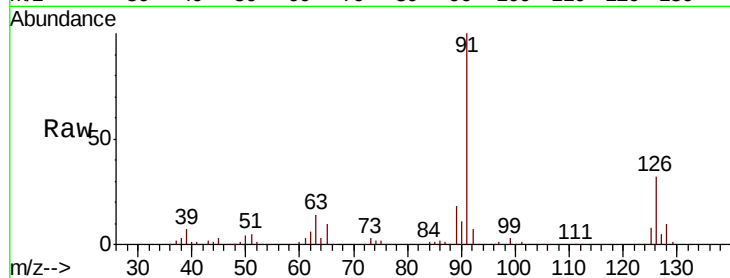




#79
 2-Chlorotoluene
 Concen: 20.699 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012890.D
 Acq: 08 Oct 2019 15:30

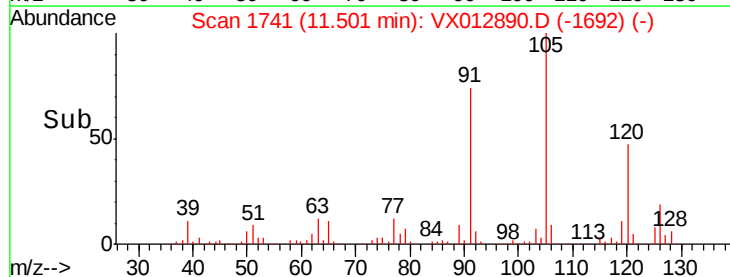
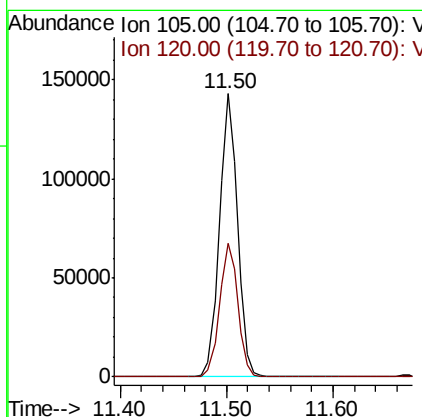
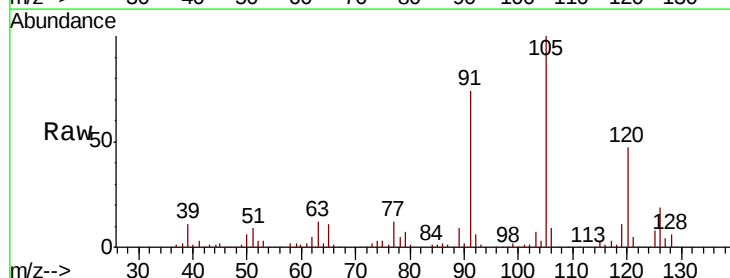
Instrument :
 MSVOA_X
 ClientSampleId :

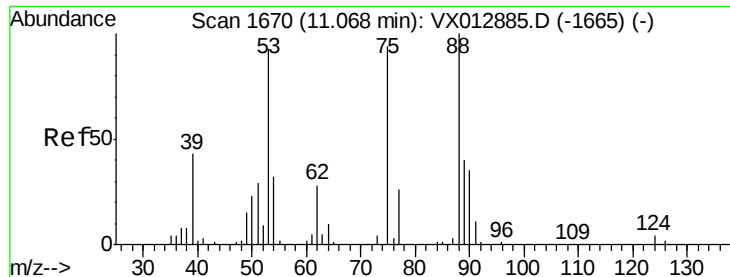
Tot Ion: 91 Resp: 134851
 Ion Ratio Lower Upper
 91 100
 126 32.5 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 21.372 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012890.D
 Acq: 08 Oct 2019 15:30

Tgt Ion: 105 Resp: 168116
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 19.912 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

Instrument :

MSVOA_X

ClientSampleId :

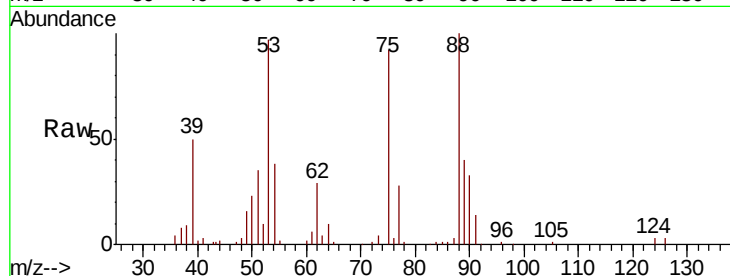
Tot Ion: 75 Resp: 19049

Ion Ratio Lower Upper

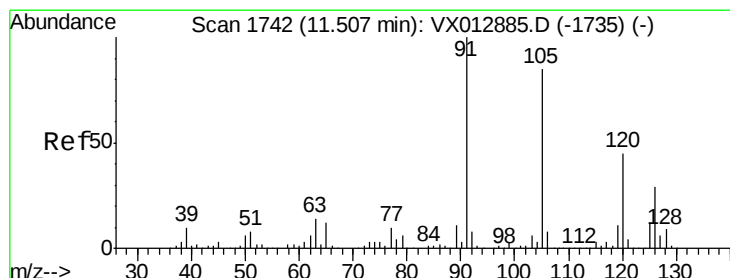
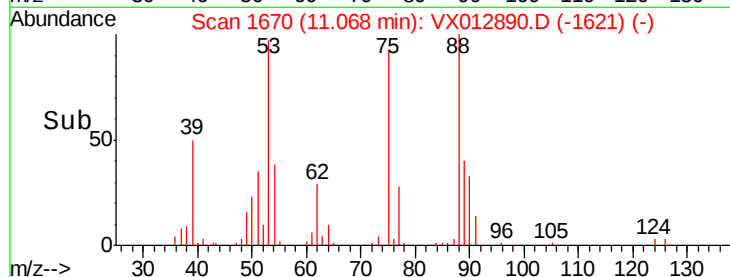
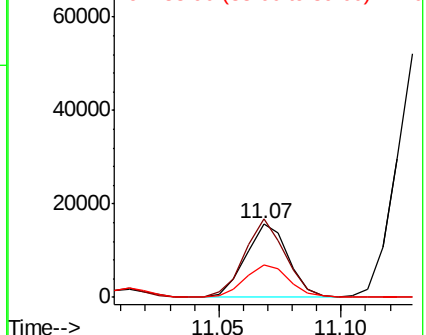
75 100

53 103.7 78.5 117.7

89 46.4 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: 21.099 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012890.D

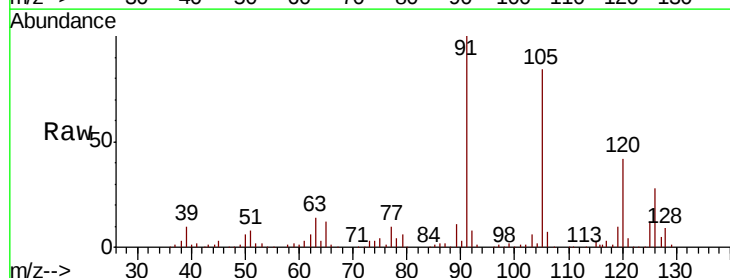
Acq: 08 Oct 2019 15:30

Tgt Ion: 91 Resp: 157552

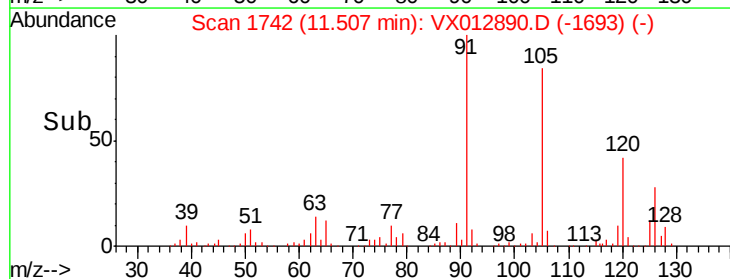
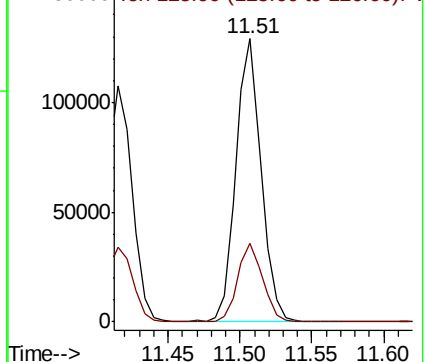
Ion Ratio Lower Upper

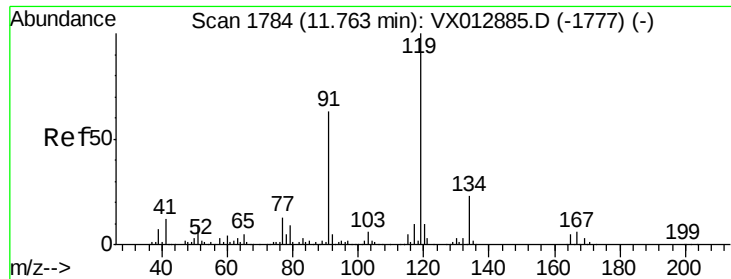
91 100

126 27.5 14.2 42.6



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

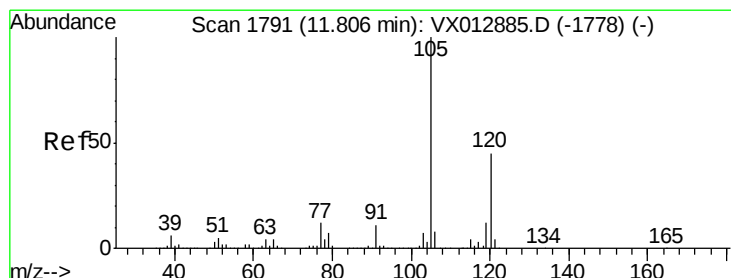
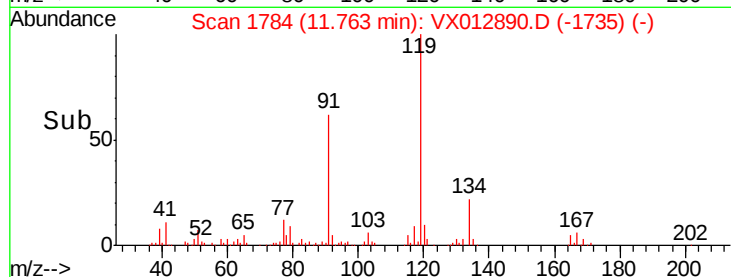
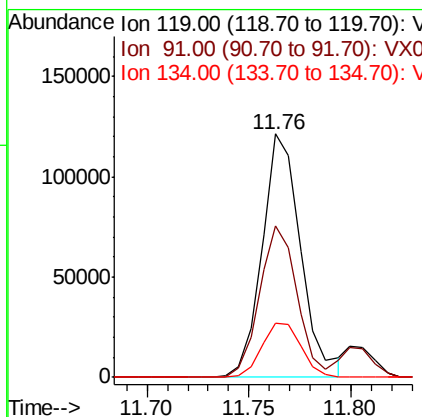
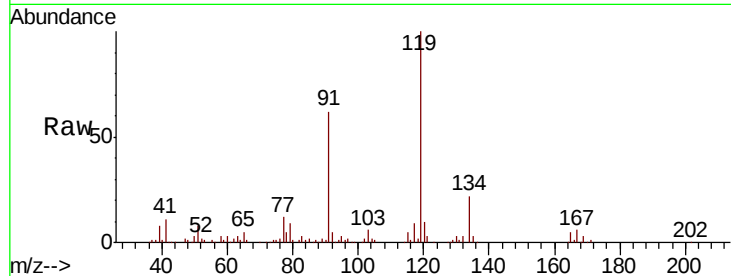




#83
tert-Butylbenzene
Concen: 20.841 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

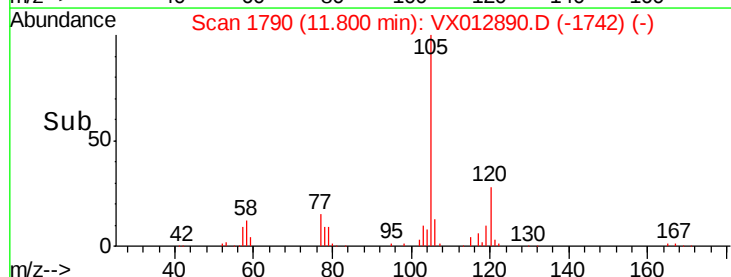
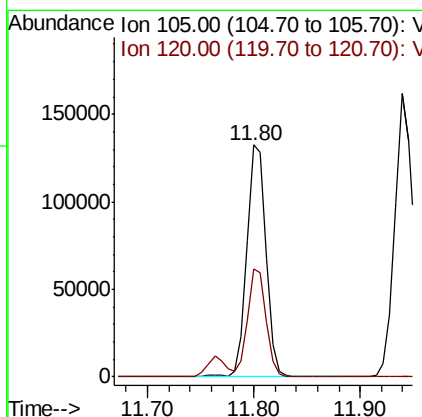
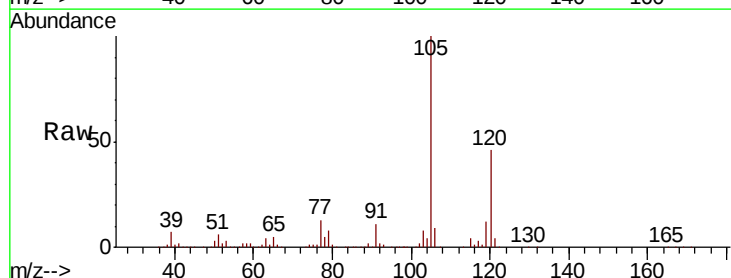
Instrument :
MSVOA_X
ClientSampleId :

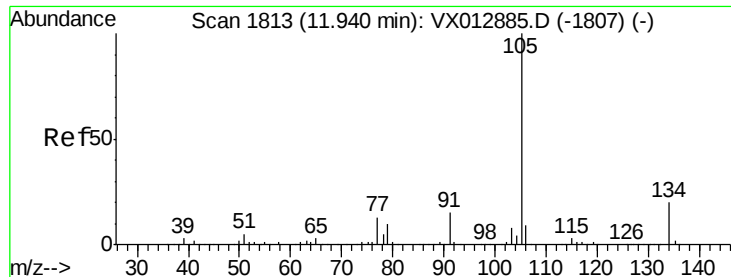
Tot Ion:119 Resp: 159925
Ion Ratio Lower Upper
119 100
91 60.6 29.3 87.9
134 22.8 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 21.075 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Tgt Ion:105 Resp: 167902
Ion Ratio Lower Upper
105 100
120 44.7 21.8 65.3





#85

sec-Butylbenzene

Concen: 21.645 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

Instrument :

MSVOA_X

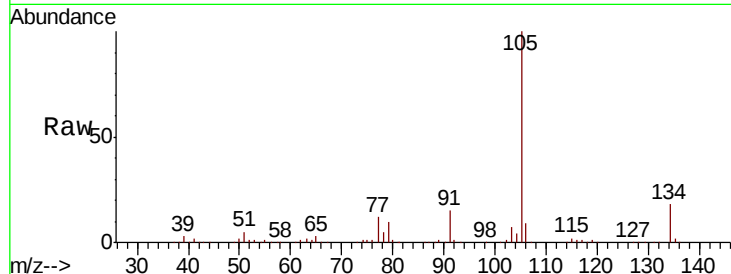
ClientSampleId :

Tot Ion:105 Resp: 192422

Ion Ratio Lower Upper

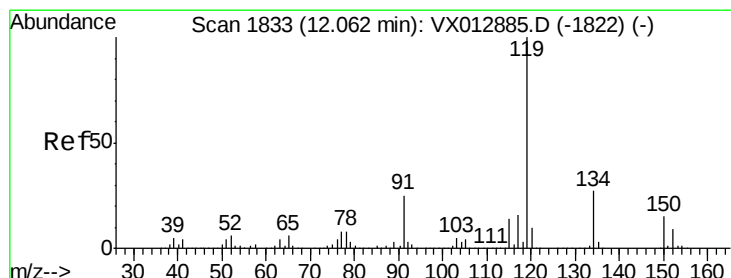
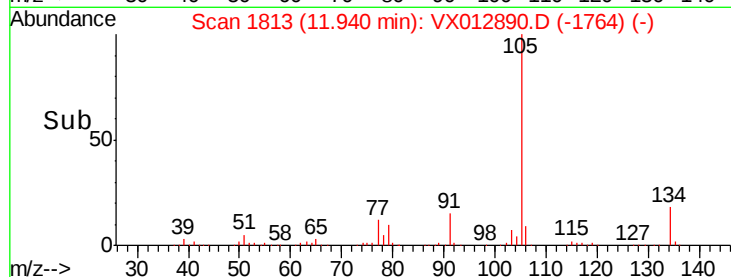
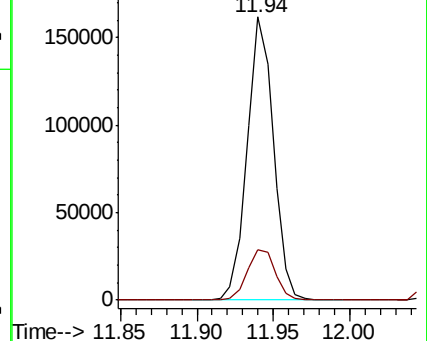
105 100

134 19.0 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.227 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

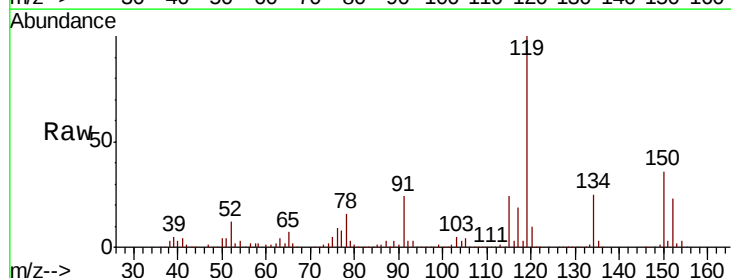
Tgt Ion:119 Resp: 175014

Ion Ratio Lower Upper

119 100

134 25.8 12.6 37.8

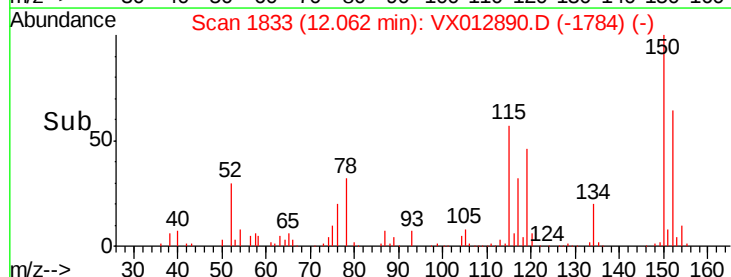
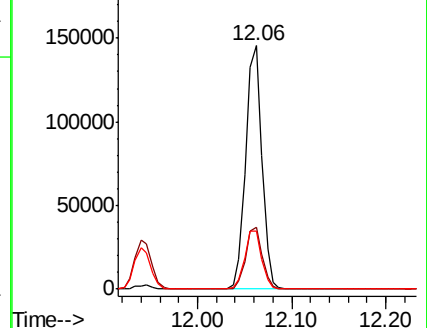
91 25.1 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

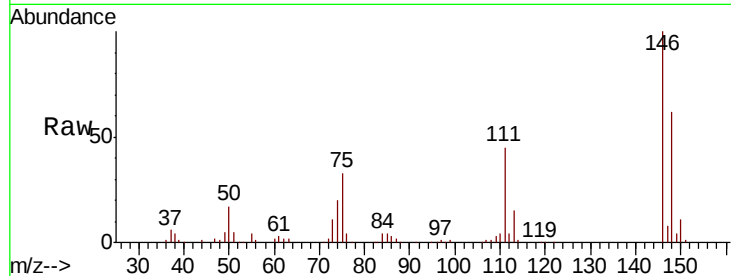




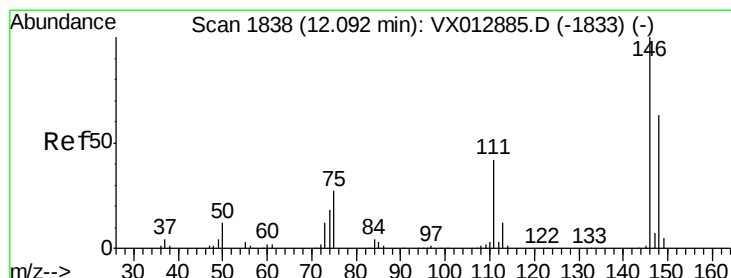
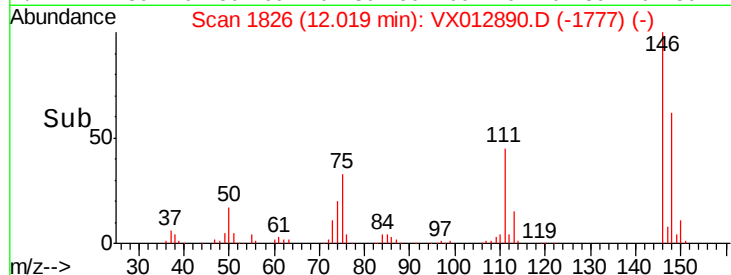
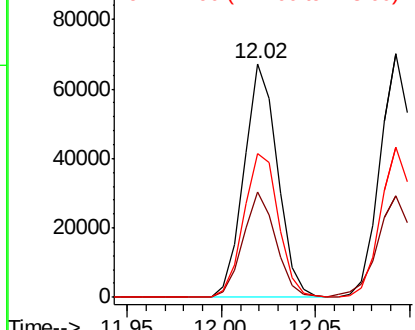
#87
 1,3-Dichlorobenzene
 Concen: 20.120 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012890.D
 Acq: 08 Oct 2019 15:30

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 82942
 Ion Ratio Lower Upper
 146 100
 111 44.1 21.1 63.4
 148 63.9 31.6 95.0

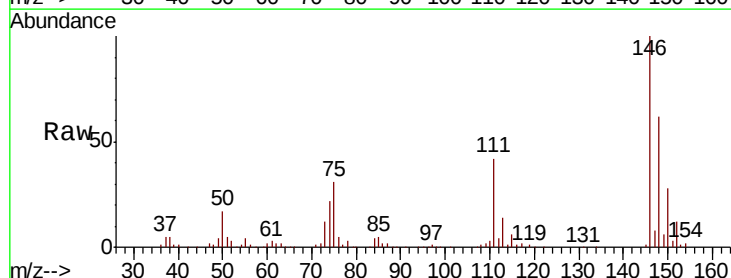


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

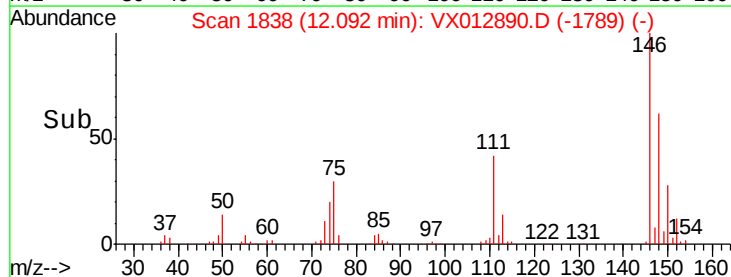
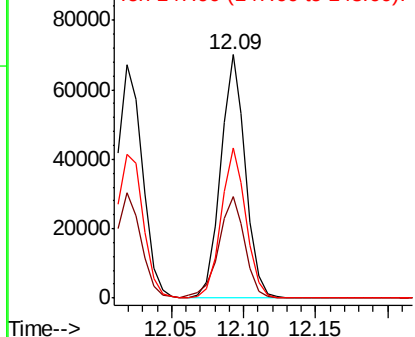


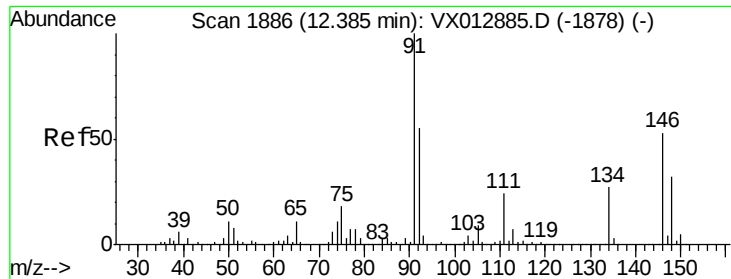
#88
 1,4-Dichlorobenzene
 Concen: 20.202 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012890.D
 Acq: 08 Oct 2019 15:30

Tgt Ion:146 Resp: 84345
 Ion Ratio Lower Upper
 146 100
 111 44.2 21.4 64.3
 148 62.2 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 21.591 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

Instrument :

MSVOA_X

ClientSampleId :

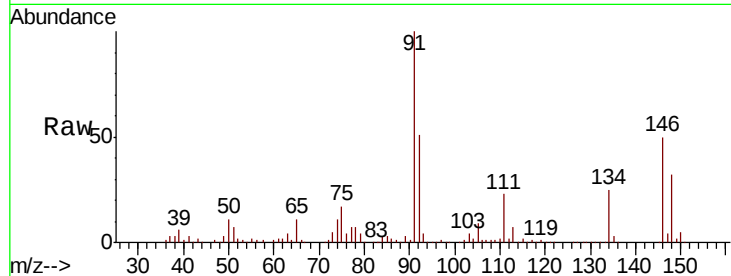
Tot Ion: 91 Resp: 149612

Ion Ratio Lower Upper

91 100

92 52.6 27.5 82.5

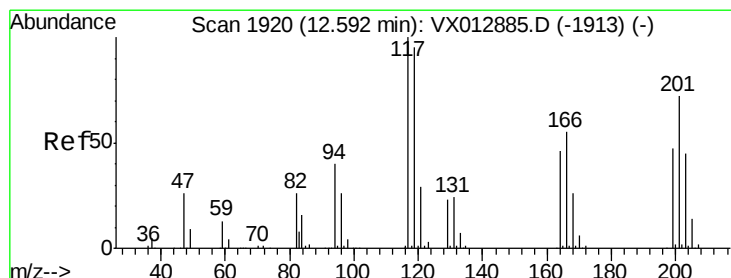
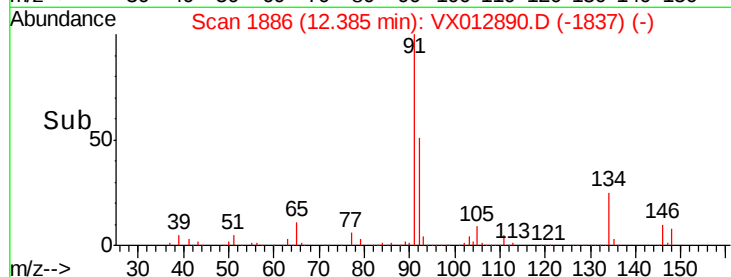
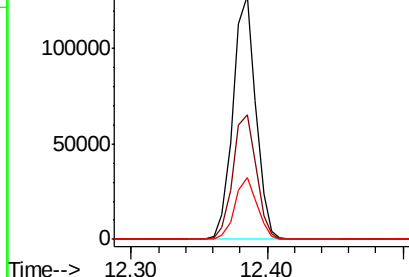
134 24.9 12.9 38.7



Abundance Ion 91.00 (90.70 to 91.70): VX012885.D (-1878) (-)

Ion 92.00 (91.70 to 92.70): VX012885.D (-1878) (-)

Ion 134.00 (133.70 to 134.70): VX012885.D (-1878) (-)



#90

Hexachloroethane

Concen: 19.619 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX012890.D

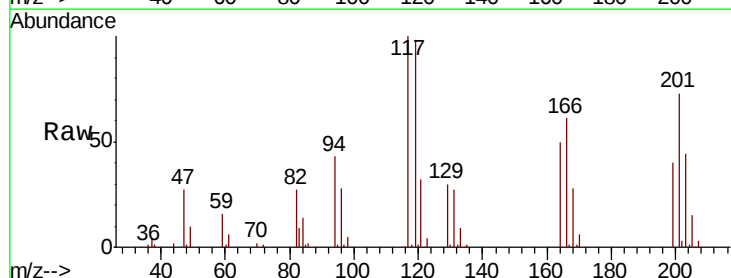
Acq: 08 Oct 2019 15:30

Tgt Ion: 117 Resp: 27907

Ion Ratio Lower Upper

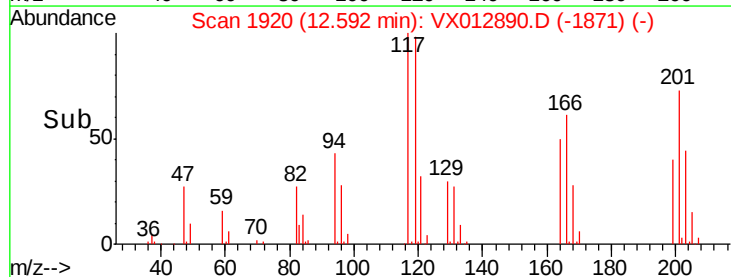
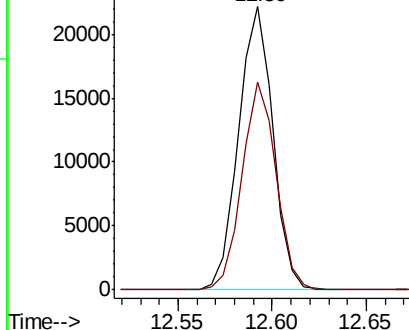
117 100

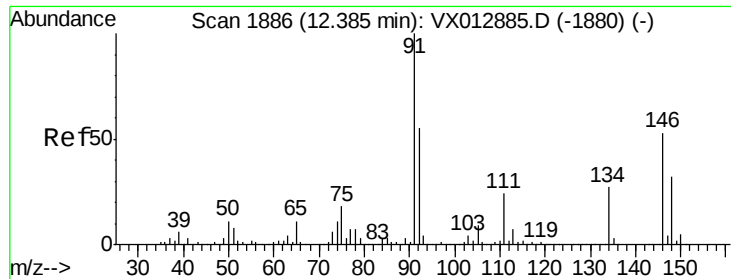
201 73.1 36.9 110.7



Abundance Ion 116.80 (116.50 to 117.50): VX012885.D (-1913) (-)

Ion 200.70 (200.40 to 201.40): VX012885.D (-1913) (-)

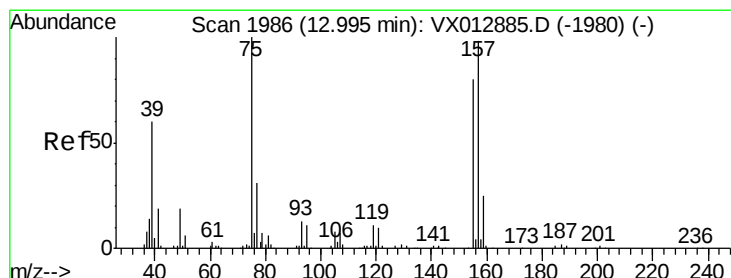
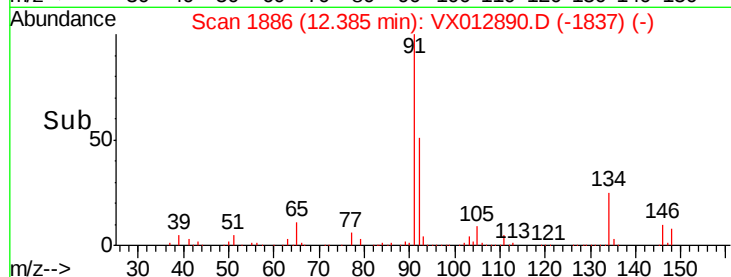
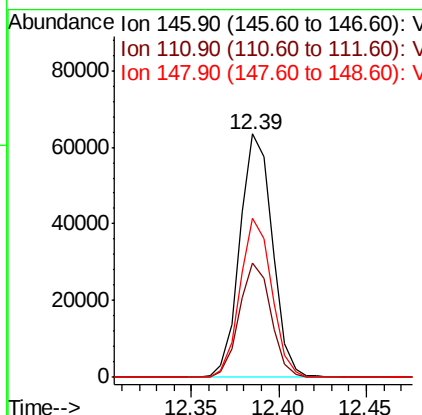
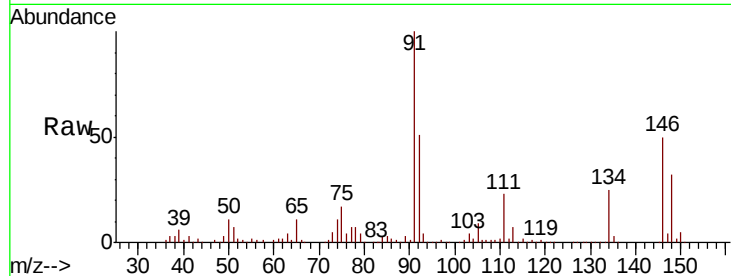




#91
 1,2-Dichlorobenzene
 Concen: 20.323 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012890.D
 Acq: 08 Oct 2019 15:30

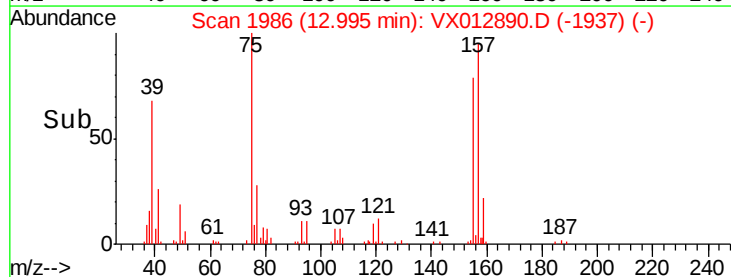
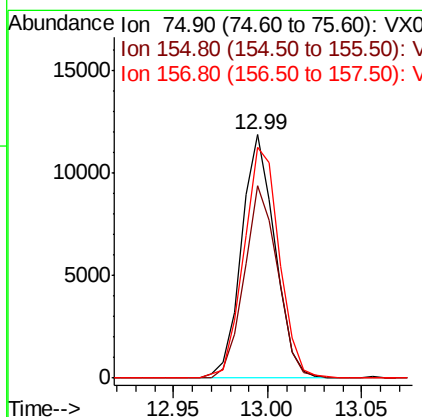
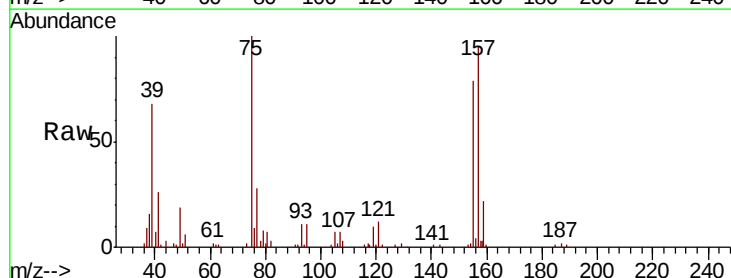
Instrument :
 MSVOA_X
 ClientSampleId :

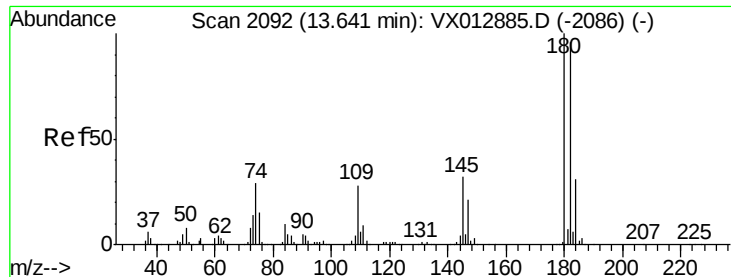
Tot Ion:146 Resp: 82136
 Ion Ratio Lower Upper
 146 100
 111 45.8 22.7 68.0
 148 63.5 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.853 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012890.D
 Acq: 08 Oct 2019 15:30

Tgt Ion: 75 Resp: 14580
 Ion Ratio Lower Upper
 75 100
 155 78.9 43.0 128.8
 157 100.8 54.1 162.3

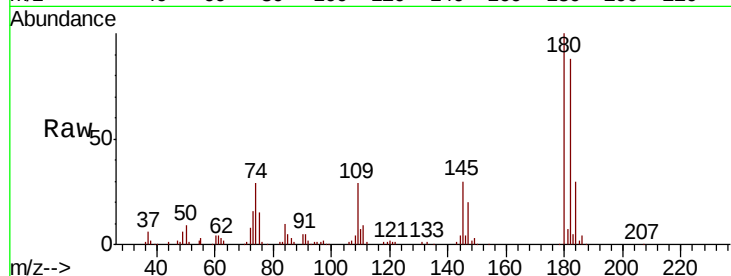




#93
 1,2,4-Trichlorobenzene
 Concen: 20.385 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012890.D
 Acq: 08 Oct 2019 15:30

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.9	46.8	140.4
145	32.2	16.2	48.6

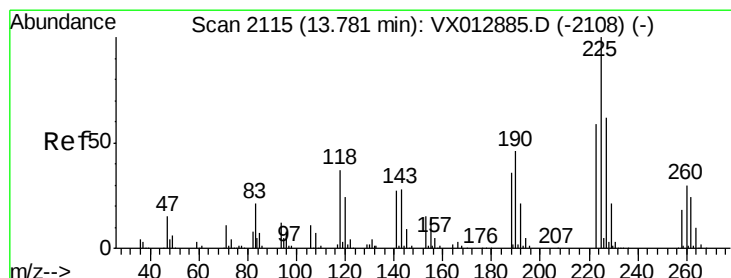
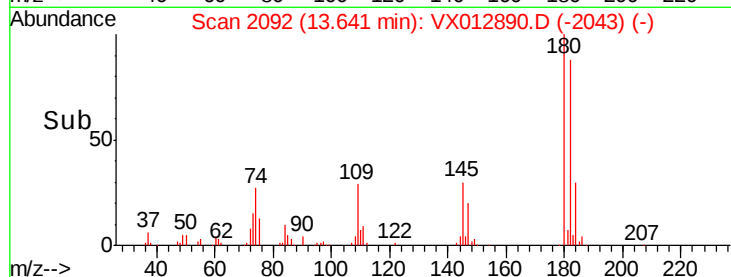
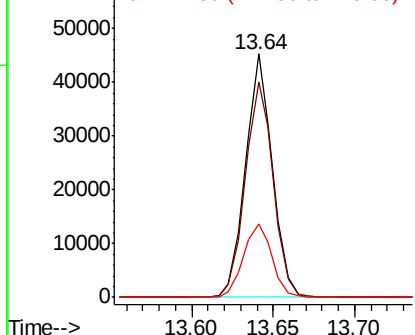


Abundance

Ion 179.80 (179.50 to 180.50): V

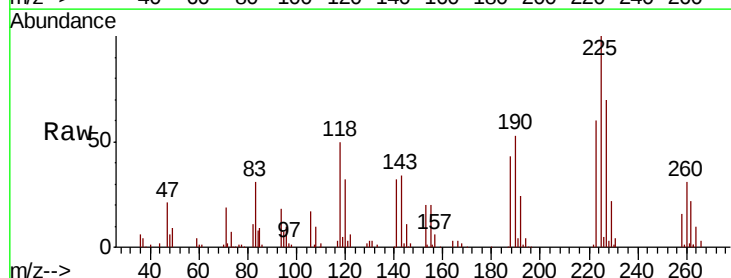
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 20.154 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012890.D
 Acq: 08 Oct 2019 15:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	31.1	93.2
227	64.3	32.3	96.9

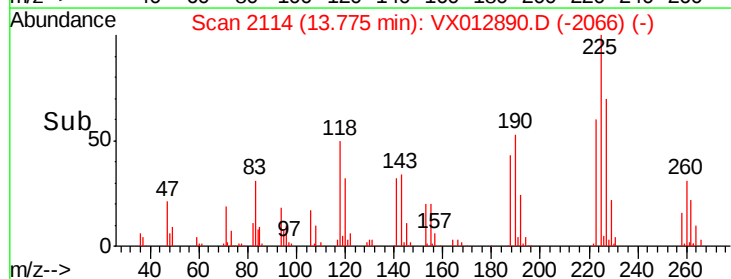
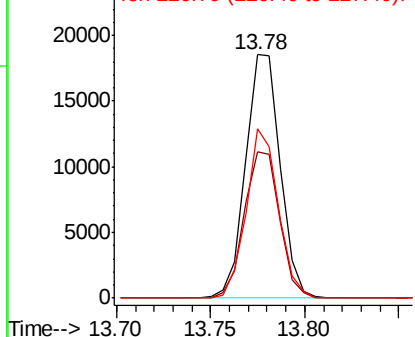


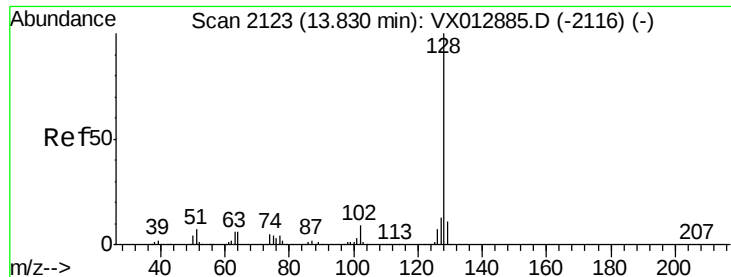
Abundance

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

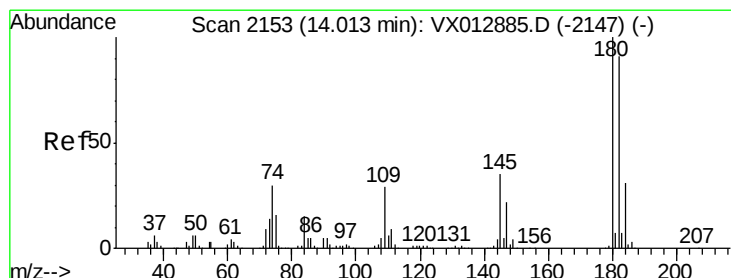
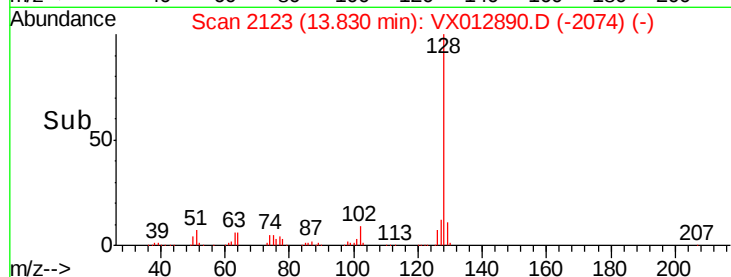
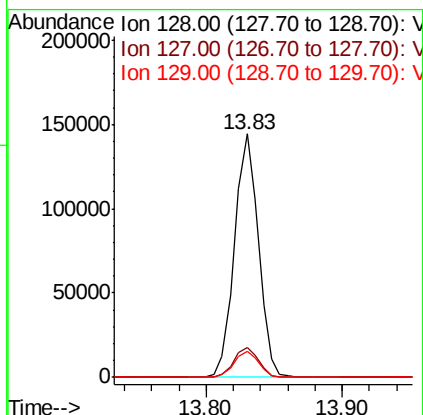
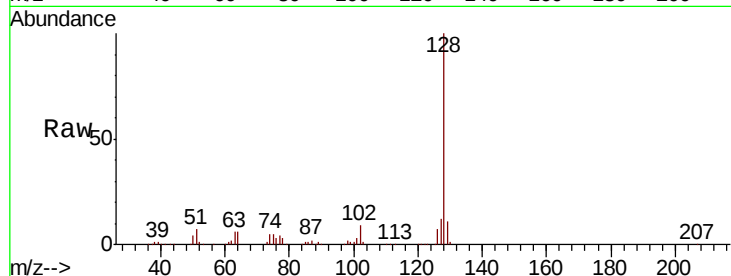




#95
Naphthalene
Concen: 20.136 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 176711
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: 19.598 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Tgt Ion:180 Resp: 51273
Ion Ratio Lower Upper
180 100
182 96.9 47.5 142.5
145 35.7 17.4 52.3

