

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061719\
 Data File : VX010331.D
 Acq On : 17 Jun 2019 18:09
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 18 01:55:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	284283	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	421649	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	396050	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	208312	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	136103	49.05	ug/l	0.00
Spiked Amount			Recovery	=	98.10%	
35) Dibromofluoromethane	5.49	113	132015	50.76	ug/l	0.00
Spiked Amount			Recovery	=	101.52%	
50) Toluene-d8	8.71	98	483766	49.63	ug/l	0.00
Spiked Amount			Recovery	=	99.26%	
62) 4-Bromofluorobenzene	11.13	95	188469	51.77	ug/l	0.00
Spiked Amount			Recovery	=	103.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	119443	45.662	ug/l	98
3) Chloromethane	1.32	50	114126	43.932	ug/l	99
4) Vinyl Chloride	1.40	62	116789	47.834	ug/l	99
5) Bromomethane	1.64	94	51720	56.136	ug/l	99
6) Chloroethane	1.71	64	70056	56.910	ug/l	99
7) Trichlorofluoromethane	1.92	101	194658	53.673	ug/l	100
8) Diethyl Ether	2.18	74	73324	58.658	ug/l	79
9) 1,1,2-Trichlorotrifluoroet	2.38	101	119195	47.678	ug/l	90
10) Methyl Iodide	2.51	142	167693	43.293	ug/l	97
11) Tert butyl alcohol	3.05	59	186165	273.861	ug/l	99
12) 1,1-Dichloroethene	2.37	96	114772	44.947	ug/l #	80
13) Acrolein	2.29	56	30567	246.605	ug/l	98
14) Allyl chloride	2.72	41	177915	46.159	ug/l #	90
15) Acrylonitrile	3.14	53	369767	266.123	ug/l	98
16) Acetone	2.44	43	336439	257.776	ug/l	89
17) Carbon Disulfide	2.56	76	272605	36.948	ug/l	98
18) Methyl Acetate	2.77	43	159438	55.547	ug/l #	83
19) Methyl tert-butyl Ether	3.19	73	423557	51.631	ug/l	93
20) Methylene Chloride	2.85	84	136814	47.731	ug/l #	78
21) trans-1,2-Dichloroethene	3.16	96	122814	43.461	ug/l #	78
22) Diisopropyl ether	3.85	45	382713	51.933	ug/l #	82
23) Vinyl Acetate	3.81	43	1704107	259.208	ug/l #	87
24) 1,1-Dichloroethane	3.69	63	213074	47.621	ug/l	97
25) 2-Butanone	4.67	43	518592	266.834	ug/l #	82
26) 2,2-Dichloropropane	4.58	77	178943	43.838	ug/l	92
27) cis-1,2-Dichloroethene	4.59	96	151867	48.309	ug/l	79
28) Bromochloromethane	5.01	49	94718	47.234	ug/l #	52
29) Tetrahydrofuran	5.12	42	316140	258.833	ug/l #	76
30) Chloroform	5.20	83	230907	49.692	ug/l	97
31) Cyclohexane	5.57	56	179939	44.560	ug/l #	74
32) 1,1,1-Trichloroethane	5.49	97	198295	45.392	ug/l	94
36) 1,1-Dichloropropene	5.80	75	156870	45.601	ug/l	92
37) Ethyl Acetate	4.83	43	187598	52.413	ug/l #	92
38) Carbon Tetrachloride	5.78	117	175019	44.949	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	210227	44.880	ug/l #	85
40) Benzene	6.14	78	516786	48.583	ug/l	99
41) Methacrylonitrile	5.04	41	102458	52.919	ug/l #	85
42) 1,2-Dichloroethane	6.19	62	171429	50.481	ug/l	93
43) Isopropyl Acetate	6.44	43	312925	52.289	ug/l #	89
44) Trichloroethene	7.21	130	153230	47.789	ug/l	88
45) 1,2-Dichloropropane	7.51	63	135311	50.823	ug/l	98
46) Dibromomethane	7.66	93	99013	49.640	ug/l	89
47) Bromodichloromethane	7.90	83	185820	49.856	ug/l	99
48) Methyl methacrylate	7.77	41	149132	53.285	ug/l #	79
49) 1,4-Dioxane	7.74	88	84982	1064.993	ug/l #	80
51) 4-Methyl-2-Pentanone	8.64	43	1007898	281.921	ug/l	90
52) Toluene	8.78	92	339222	48.514	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	213189	49.451	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	226827	49.079	ug/l #	88
55) 1,1,2-Trichloroethane	9.21	97	154277	53.874	ug/l	96
56) Ethyl methacrylate	9.18	69	242148	53.530	ug/l #	83
57) 1,3-Dichloropropane	9.37	76	235262	52.183	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	561835	263.460	ug/l #	86
59) 2-Hexanone	9.49	43	789890	277.108	ug/l	88
60) Dibromochloromethane	9.58	129	175055	51.681	ug/l	100
61) 1,2-Dibromoethane	9.67	107	165602	51.923	ug/l	99
64) Tetrachloroethene	9.34	164	148228	50.391	ug/l	99
65) Chlorobenzene	10.13	112	395667	48.405	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	153379	48.793	ug/l	99
67) Ethyl Benzene	10.25	91	663824	47.705	ug/l	95
68) m/p-Xylenes	10.35	106	515085	95.656	ug/l	91
69) o-Xylene	10.69	106	256520	47.923	ug/l	90
70) Styrene	10.71	104	449470	49.579	ug/l	95
71) Bromoform	10.85	173	145244	50.261	ug/l	98
73) Isopropylbenzene	11.02	105	678566	46.664	ug/l	96
74) N-amyl acetate	10.90	43	285346	49.640	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.27	83	244660	49.151	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	278684	66.885	ug/l	81
77) Bromobenzene	11.25	156	192009	48.016	ug/l	82
78) n-propylbenzene	11.36	91	758903	46.878	ug/l	94
79) 2-Chlorotoluene	11.42	91	446044	45.875	ug/l	91
80) 1,3,5-Trimethylbenzene	11.51	105	575655	47.000	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	85153	45.154	ug/l	86
82) 4-Chlorotoluene	11.51	91	521393	47.206	ug/l	92
83) tert-Butylbenzene	11.77	119	574853	46.372	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	579922	46.876	ug/l	94
85) sec-Butylbenzene	11.94	105	679721	47.064	ug/l	96
86) p-Isopropyltoluene	12.06	119	630449	47.750	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	340686	48.368	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	337516	47.534	ug/l	98
89) n-Butylbenzene	12.38	91	550178	48.410	ug/l	97
90) Hexachloroethane	12.59	117	114472	43.524	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	337355	49.265	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	52858	45.126	ug/l	69

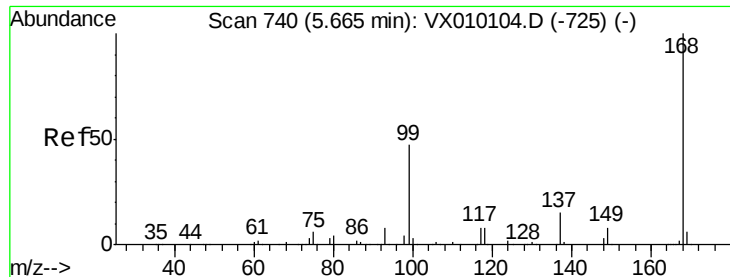
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061719\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	244306	48.740	ug/l	99
94) Hexachlorobutadiene	13.78	225	107588	48.263	ug/l	99
95) Naphthalene	13.83	128	784805	49.738	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	248979	50.237	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX010331.D

Acq: 17 Jun 2019 18:09

Instrument :

MSVOA_X

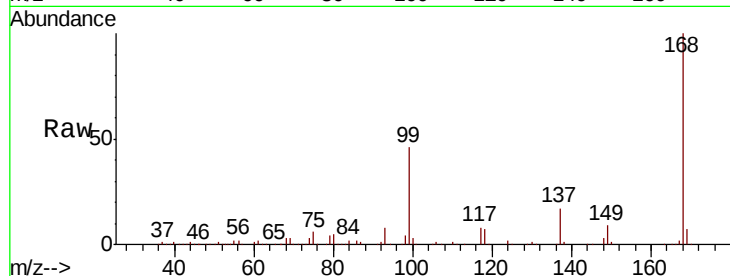
ClientSampled :

Tot Ion:168 Resp: 284283

Ion Ratio Lower Upper

168 100

99 46.3 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

120000

100000

80000

60000

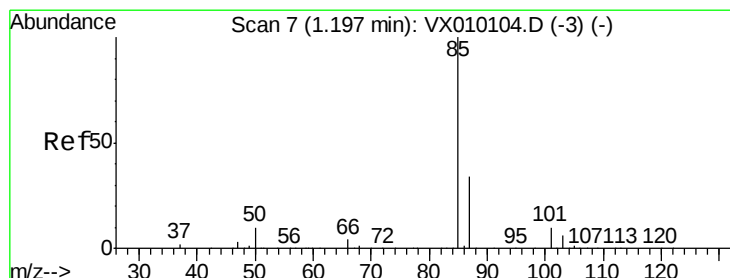
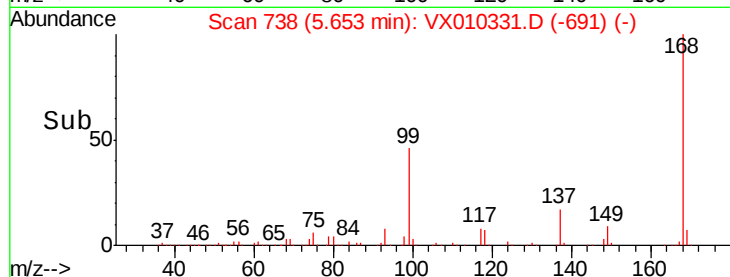
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 45.662 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010331.D

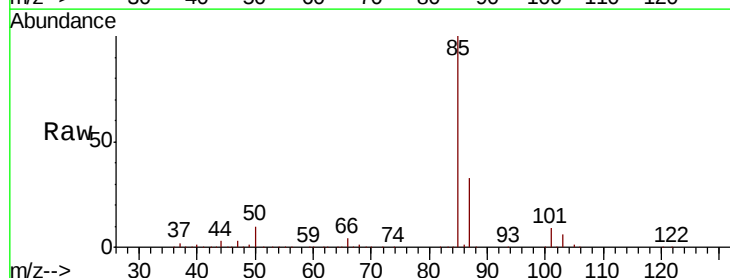
Acq: 17 Jun 2019 18:09

Tgt Ion: 85 Resp: 119443

Ion Ratio Lower Upper

85 100

87 33.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

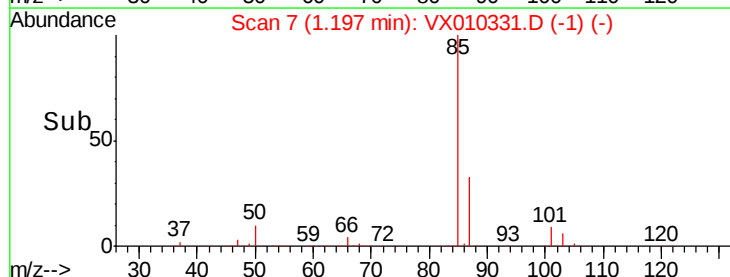
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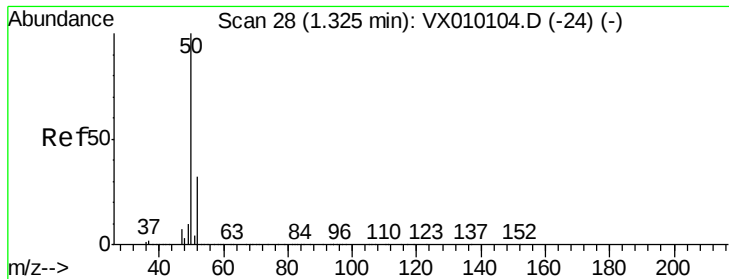
50000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 43.932 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX010331.D

Acq: 17 Jun 2019 18:09

Instrument :

MSVOA_X

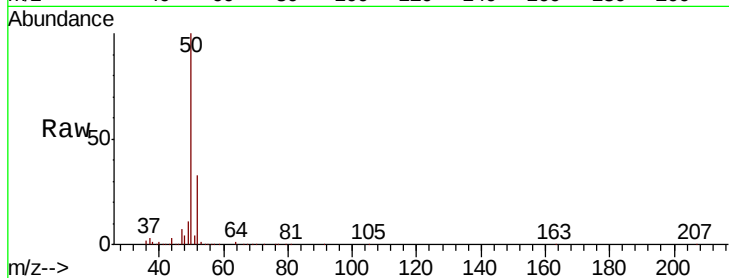
ClientSampleId :

Tot Ion: 50 Resp: 114126

Ion Ratio Lower Upper

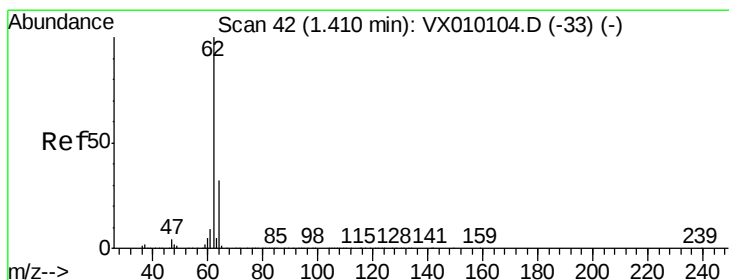
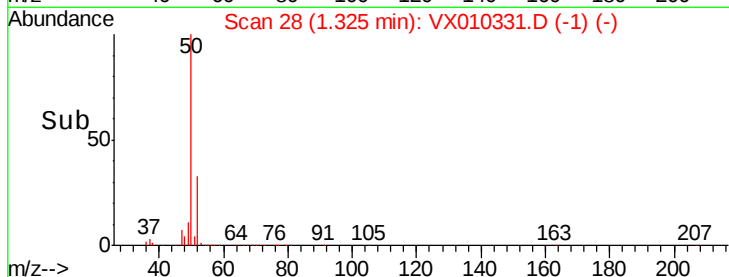
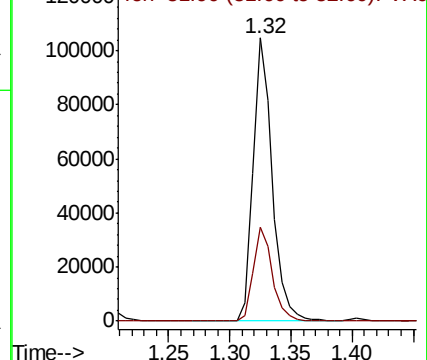
50 100

52 33.1 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.834 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX010331.D

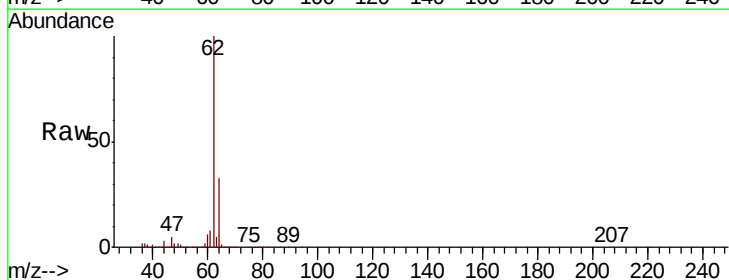
Acq: 17 Jun 2019 18:09

Tgt Ion: 62 Resp: 116789

Ion Ratio Lower Upper

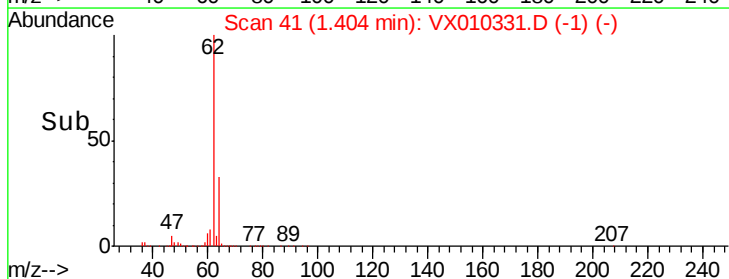
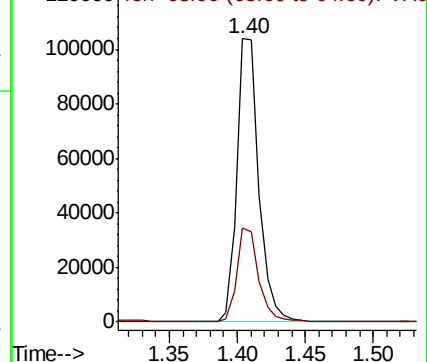
62 100

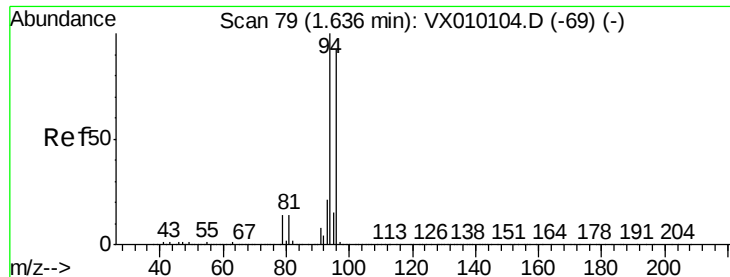
64 32.9 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 56.136 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010331.D

Acq: 17 Jun 2019 18:09

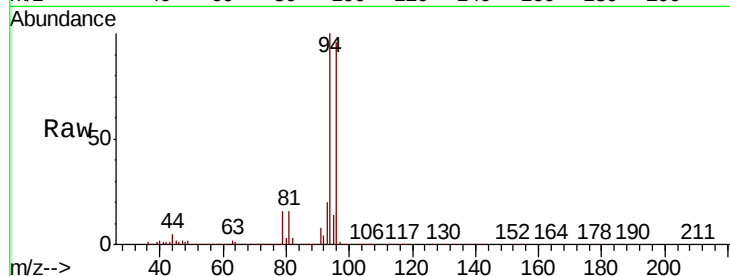
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 51720

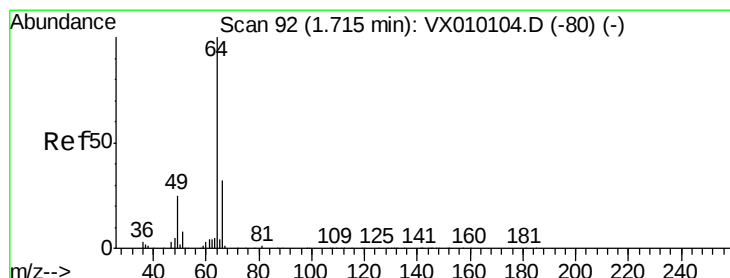
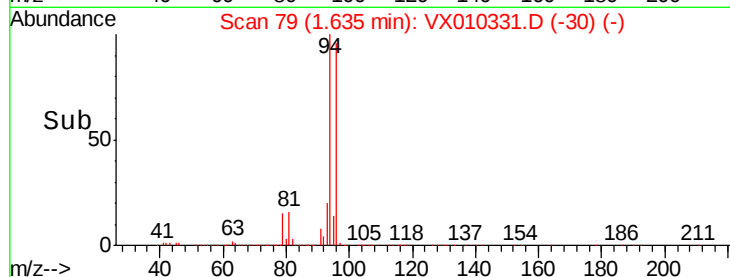
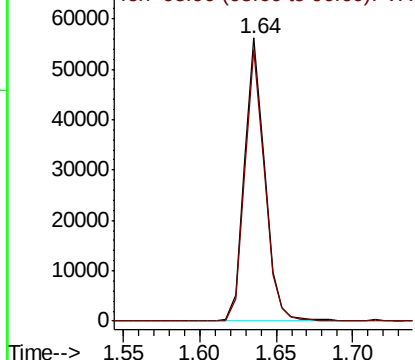
Ion Ratio Lower Upper

94 100

96 96.0 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VX0
Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 56.910 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010331.D

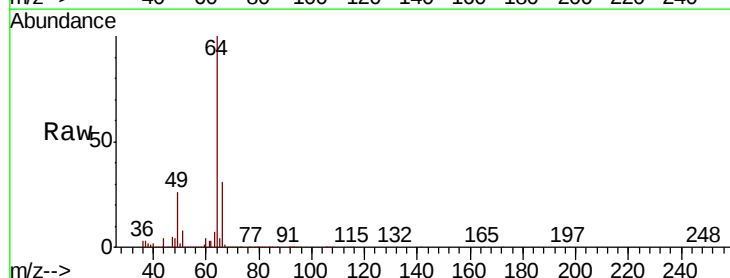
Acq: 17 Jun 2019 18:09

Tgt Ion: 64 Resp: 70056

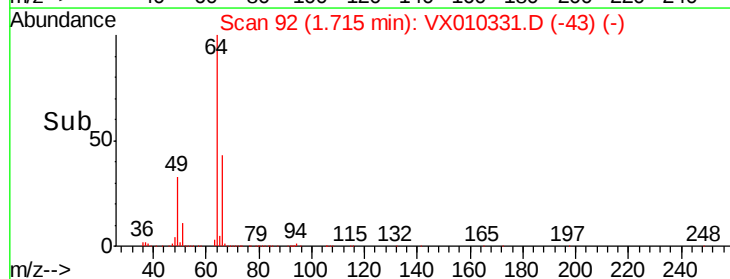
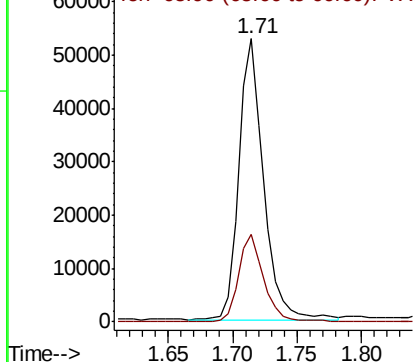
Ion Ratio Lower Upper

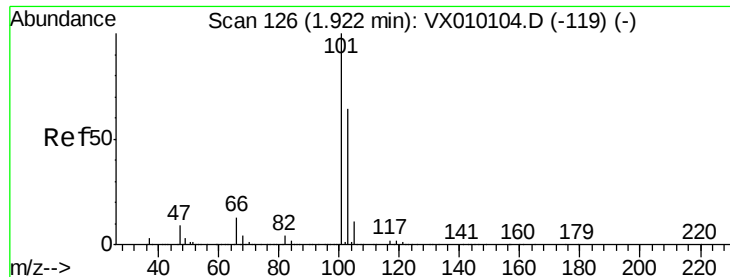
64 100

66 31.1 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0
Ion 65.90 (65.60 to 66.60): VX0



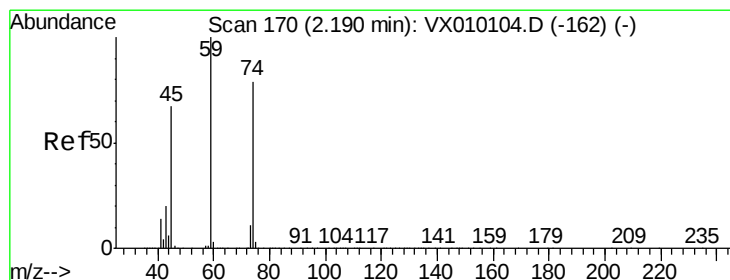
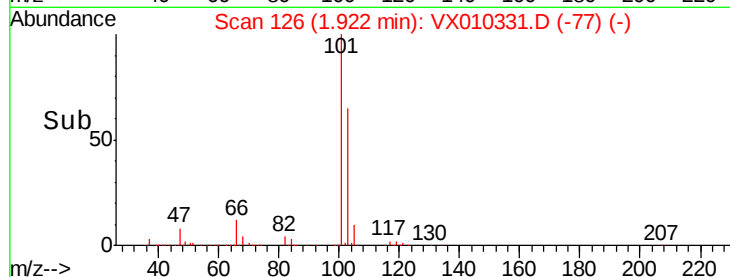
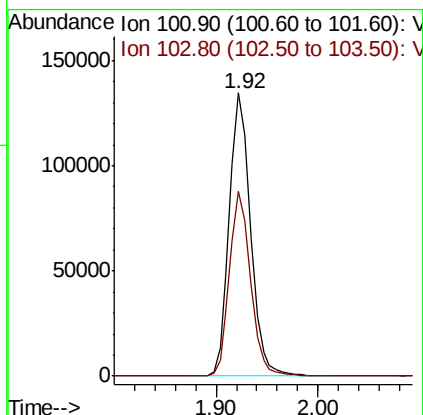
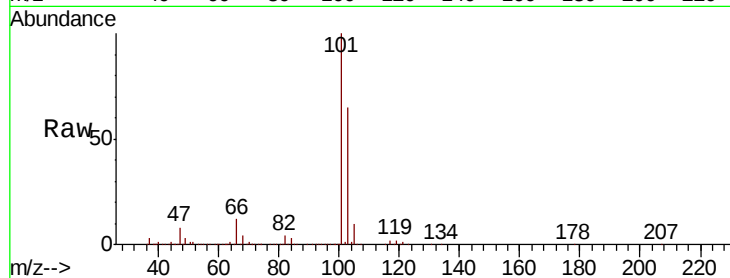


#7

Trichlorofluoromethane
Concen: 53.673 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX010331.D
Acq: 17 Jun 2019 18:09

Instrument :
MSVOA_X
ClientSampled :

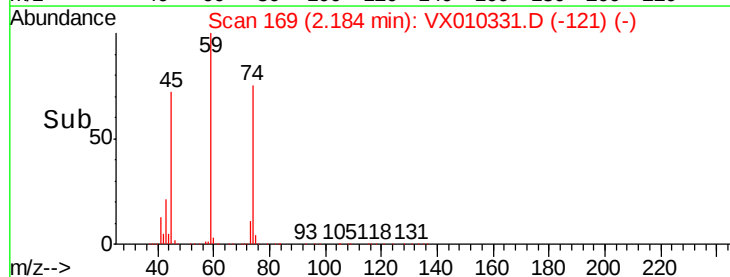
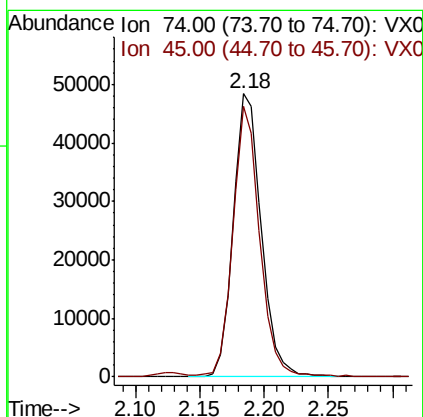
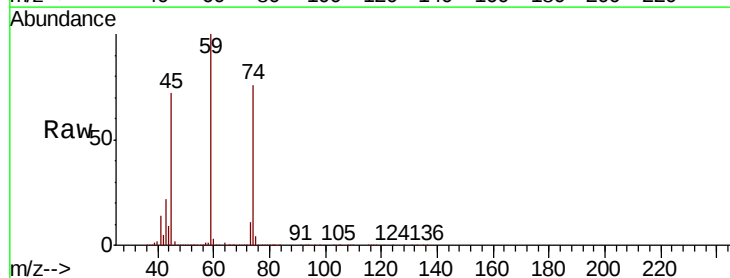
Tot Ion:101 Resp: 194658
Ion Ratio Lower Upper
101 100
103 65.1 52.2 78.4

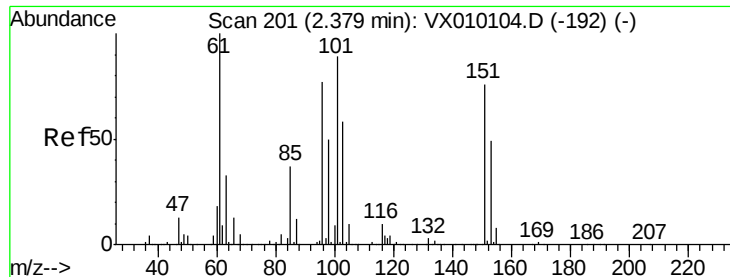


#8

Diethyl Ether
Concen: 58.658 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX010331.D
Acq: 17 Jun 2019 18:09

Tgt Ion: 74 Resp: 73324
Ion Ratio Lower Upper
74 100
45 90.1 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.678 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX010331.D

Acq: 17 Jun 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

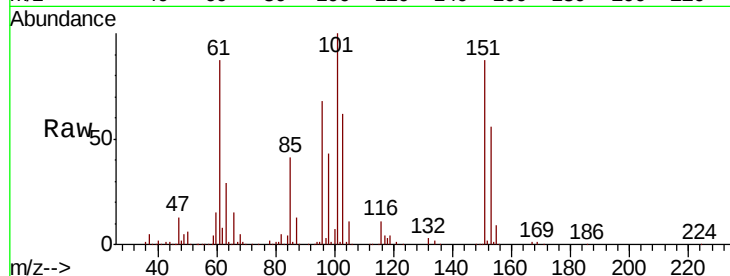
Tot Ion:101 Resp: 119195

Ion Ratio Lower Upper

101 100

85 42.0 35.2 52.8

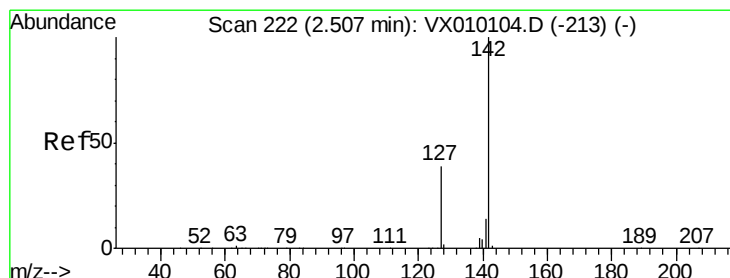
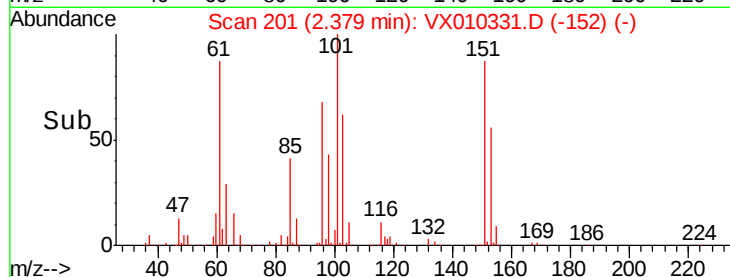
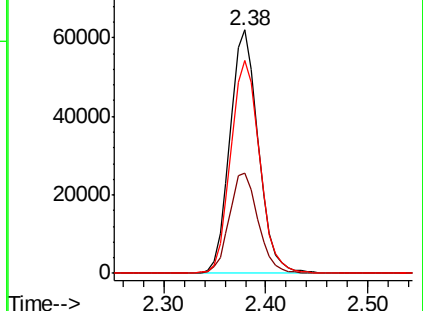
151 89.1 61.9 92.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 43.293 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX010331.D

Acq: 17 Jun 2019 18:09

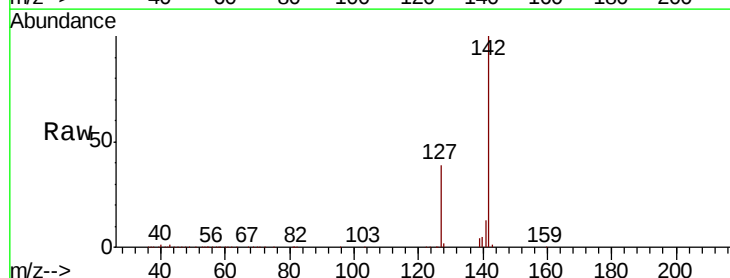
Tgt Ion:142 Resp: 167693

Ion Ratio Lower Upper

142 100

127 39.1 33.0 49.4

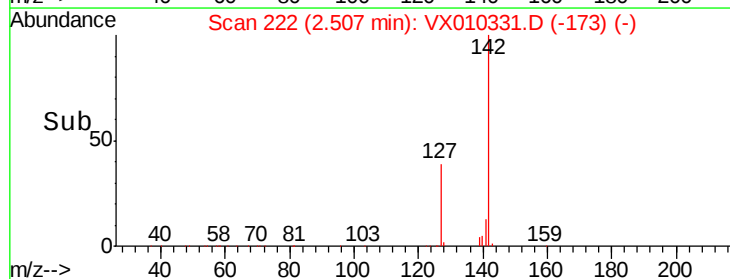
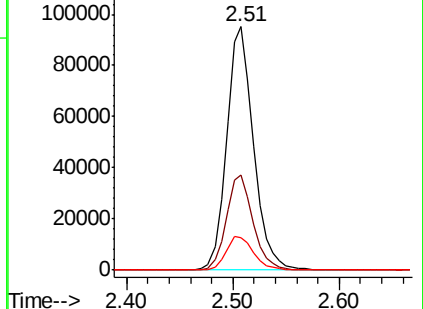
141 14.4 11.4 17.0

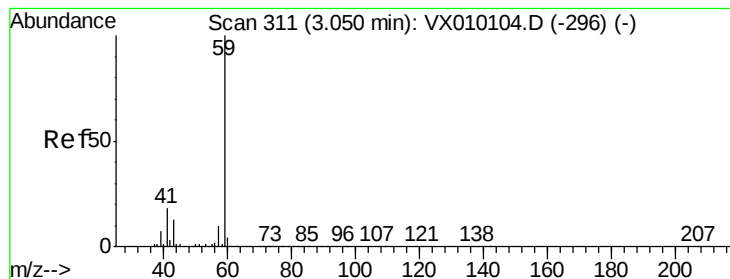


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



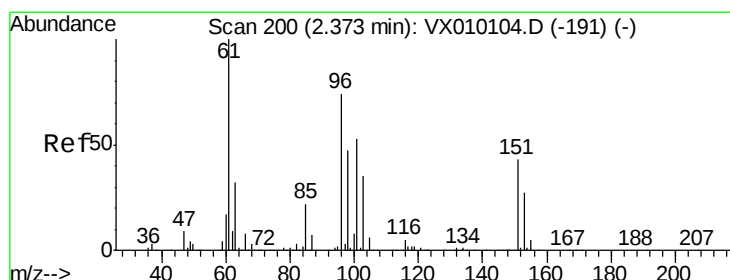
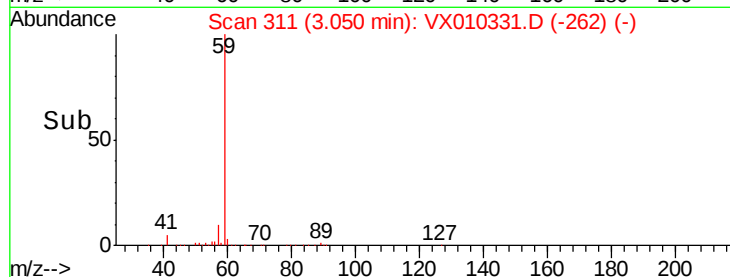
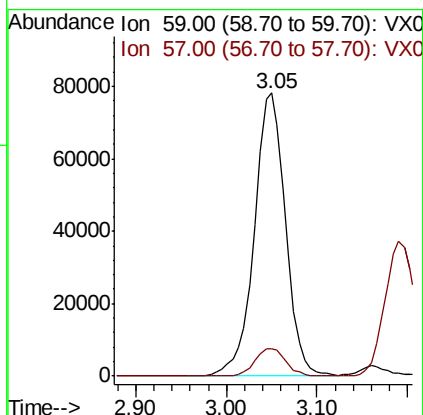
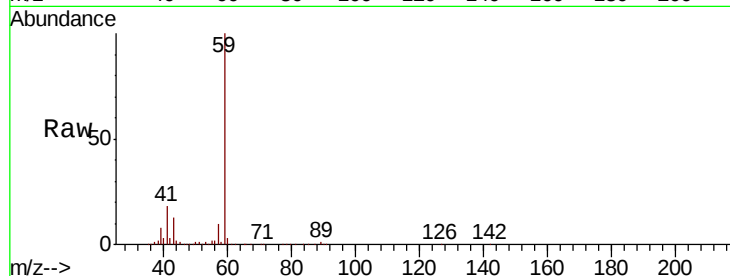


#11

Tert butyl alcohol
 Concen: 273.861 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. -0.00 min
 Lab File: VX010331.D
 Acq: 17 Jun 2019 18:09

Instrument :
 MSVOA_X
 ClientSampled :

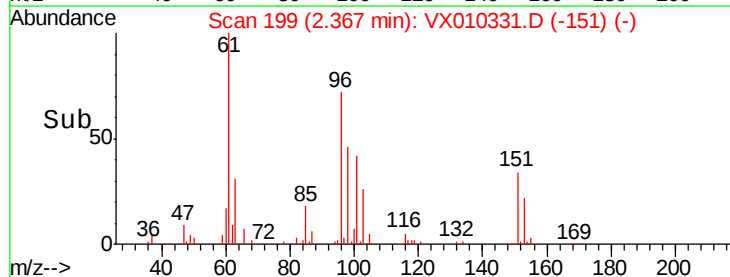
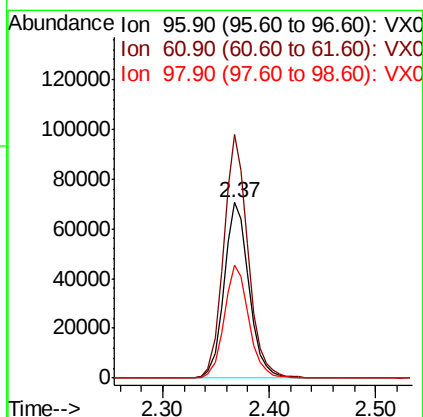
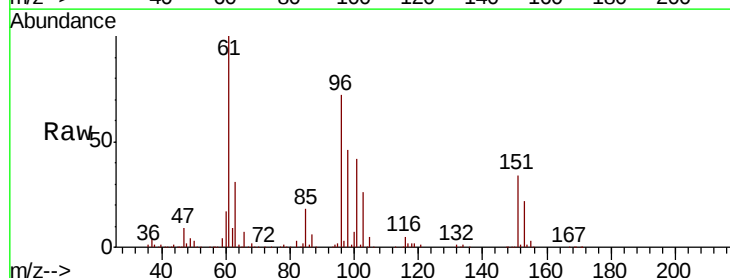
Tot Ion: 59 Resp: 186165
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.2 12.2

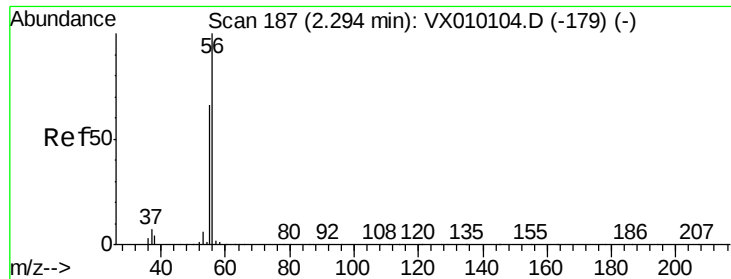


#12

1,1-Dichloroethene
 Concen: 44.947 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX010331.D
 Acq: 17 Jun 2019 18:09

Tgt Ion: 96 Resp: 114772
 Ion Ratio Lower Upper
 96 100
 61 138.8 140.7 211.1#
 98 64.4 50.1 75.1

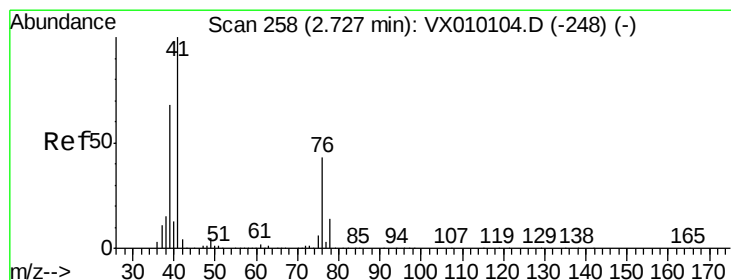
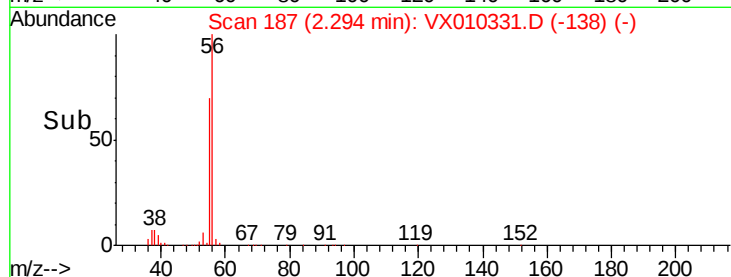
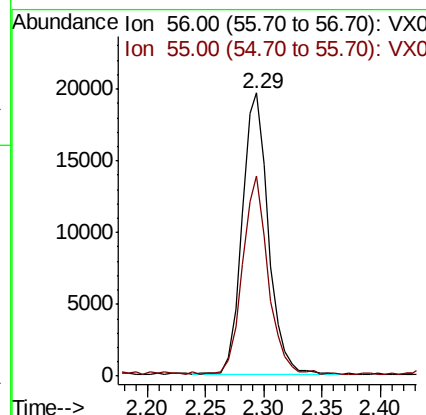
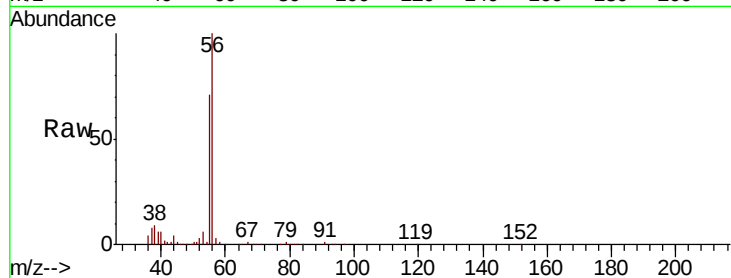




#13
Acrolein
Concen: 246.605 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX010331.D
Acq: 17 Jun 2019 18:09

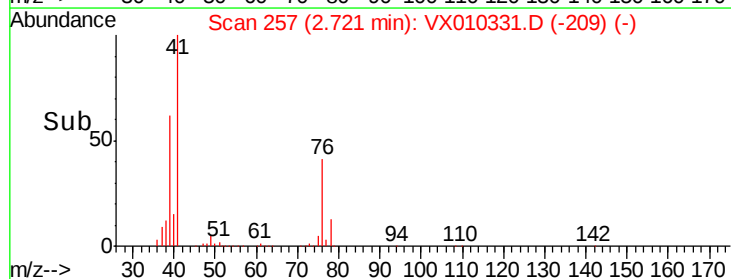
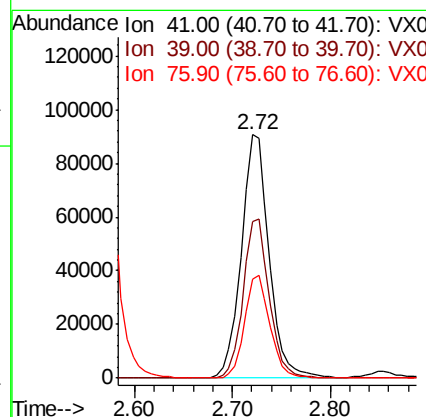
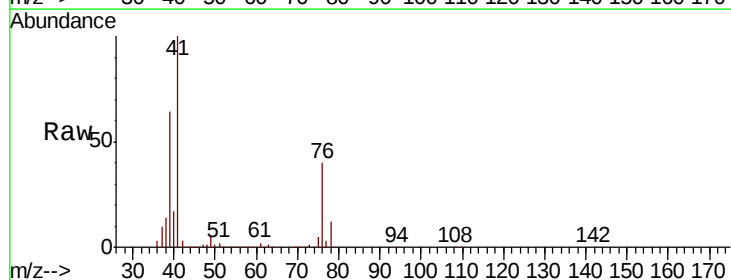
Instrument :
MSVOA_X
ClientSampled :

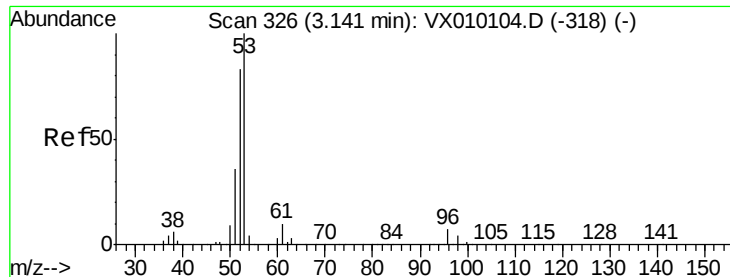
Tot Ion: 56 Resp: 30567
Ion Ratio Lower Upper
56 100
55 69.3 57.0 85.4



#14
Allyl chloride
Concen: 46.159 ug/l
RT: 2.72 min Scan# 257
Delta R.T. -0.01 min
Lab File: VX010331.D
Acq: 17 Jun 2019 18:09

Tgt Ion: 41 Resp: 177915
Ion Ratio Lower Upper
41 100
39 60.9 46.7 70.1
76 38.4 21.0 31.4#





#15

Acrylonitrile

Concen: 266.123 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010331.D

Acq: 17 Jun 2019 18:09

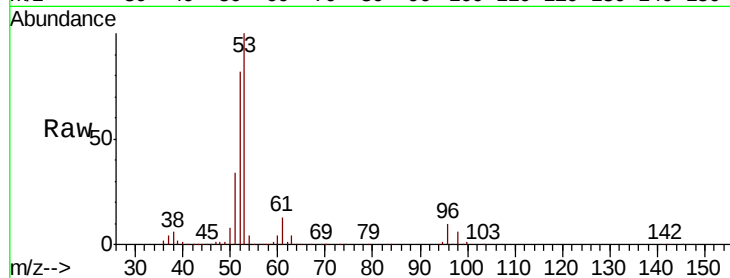
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 53 Resp: 369767

Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.7	100.1
51	34.4	28.8	43.2

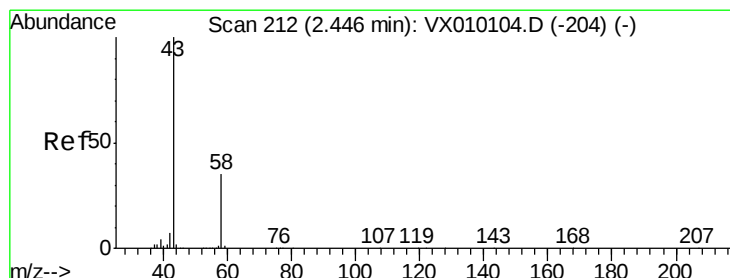
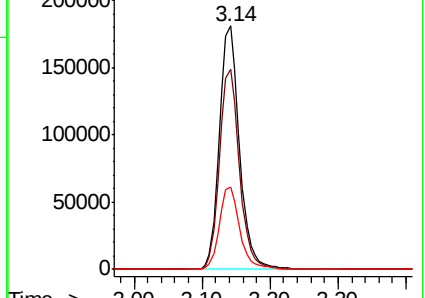
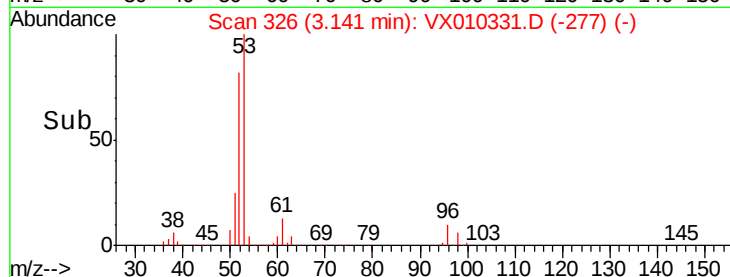


Abundance

Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 257.776 ug/l

RT: 2.44 min Scan# 211

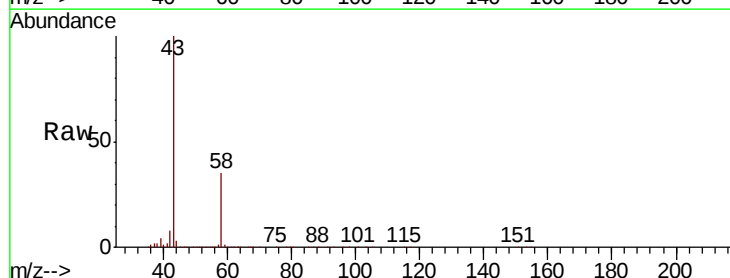
Delta R.T. -0.01 min

Lab File: VX010331.D

Acq: 17 Jun 2019 18:09

Tgt Ion: 43 Resp: 336439

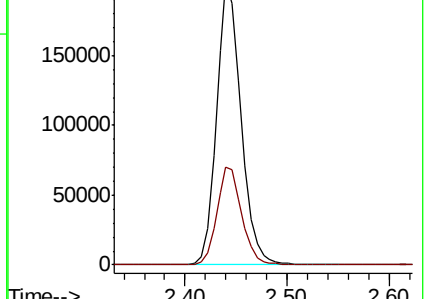
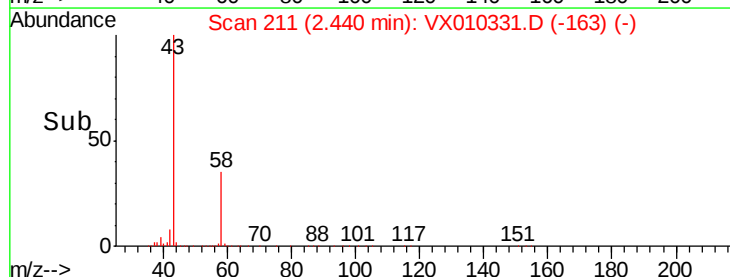
Ion	Ratio	Lower	Upper
43	100		
58	34.7	23.2	34.8

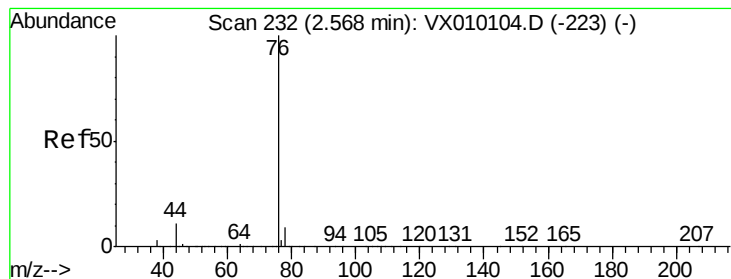


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 36.948 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX010331.D

Acq: 17 Jun 2019 18:09

Instrument :

MSVOA_X

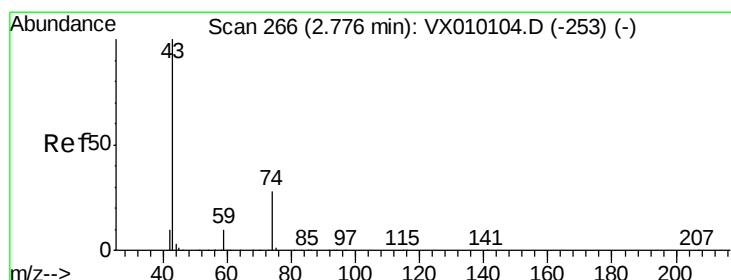
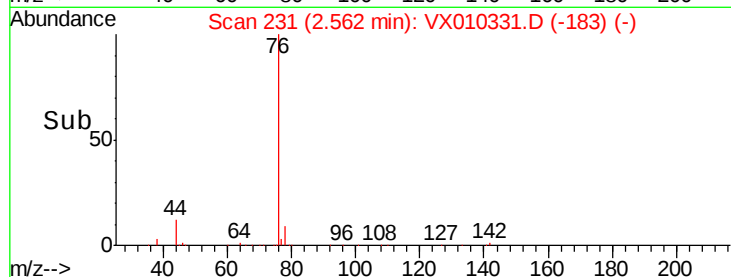
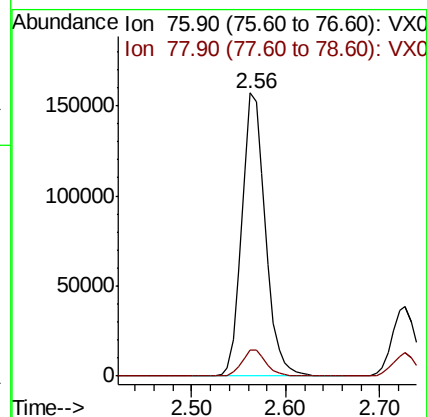
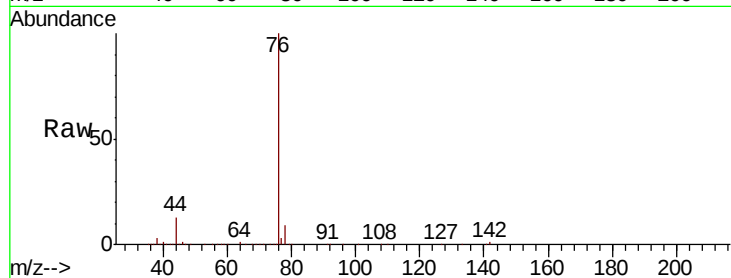
ClientSampleId :

Tot Ion: 76 Resp: 272605

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.6



#18

Methyl Acetate

Concen: 55.547 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX010331.D

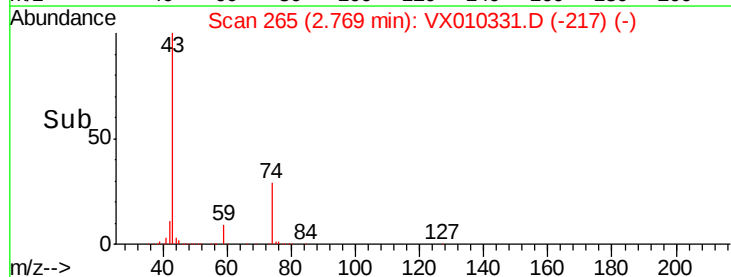
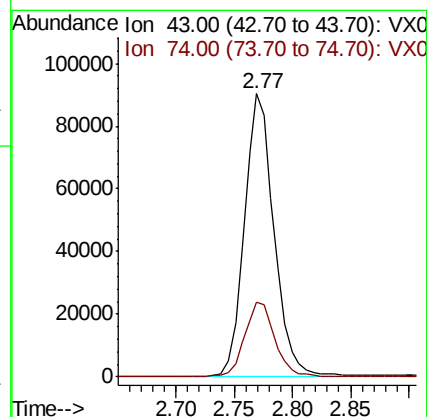
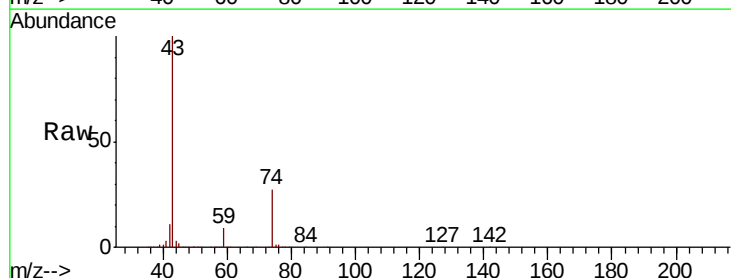
Acq: 17 Jun 2019 18:09

Tgt Ion: 43 Resp: 159438

Ion Ratio Lower Upper

43 100

74 27.5 15.8 23.6#



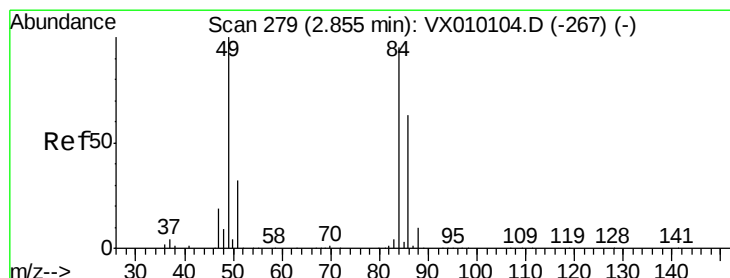
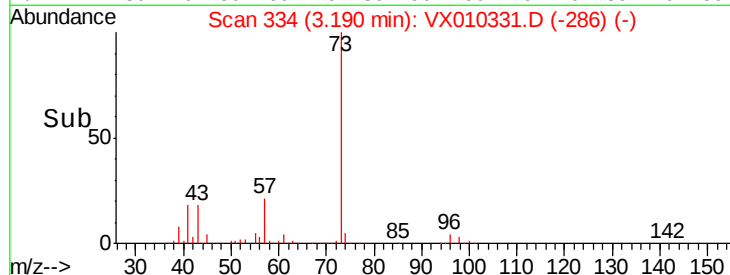
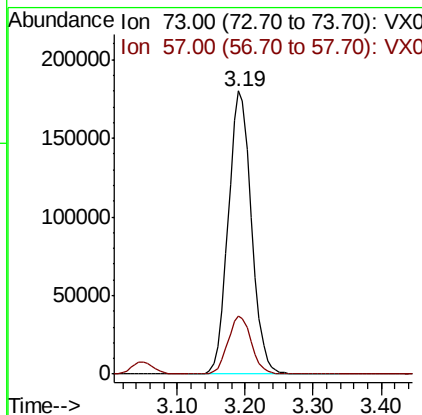
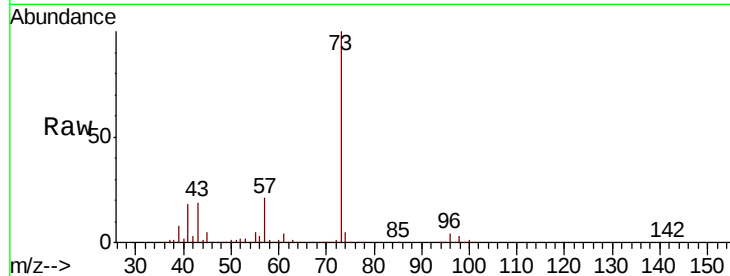


#19

Methyl tert-butyl Ether
 Concen: 51.631 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.01 min
 Lab File: VX010331.D
 Acq: 17 Jun 2019 18:09

Instrument :
 MSVOA_X
 ClientSampleId :

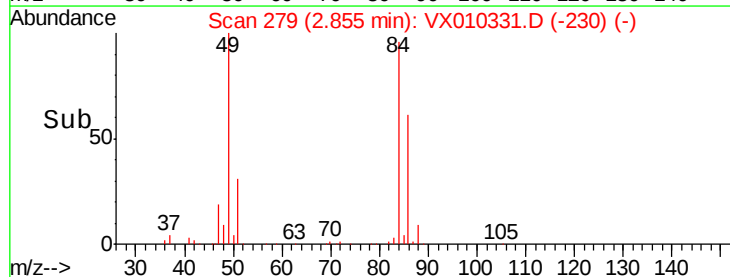
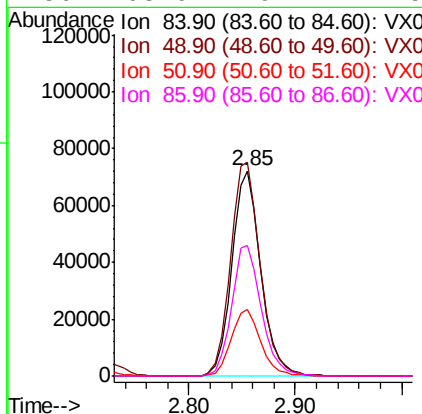
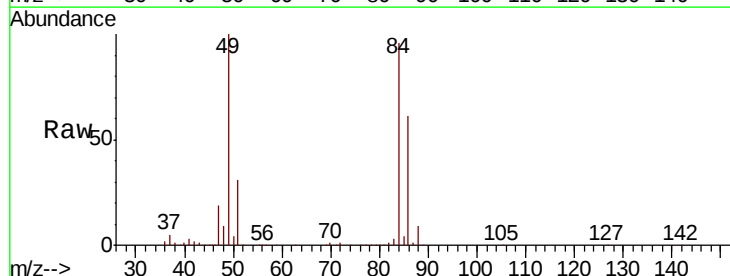
Tot Ion: 73 Resp: 423557
 Ion Ratio Lower Upper
 73 100
 57 20.7 19.4 29.2

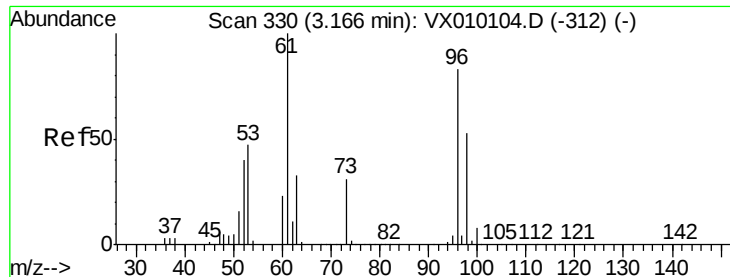


#20

Methylene Chloride
 Concen: 47.731 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX010331.D
 Acq: 17 Jun 2019 18:09

Tgt Ion: 84 Resp: 136814
 Ion Ratio Lower Upper
 84 100
 49 104.0 115.8 173.6#
 51 32.2 34.4 51.6#
 86 63.9 49.7 74.5

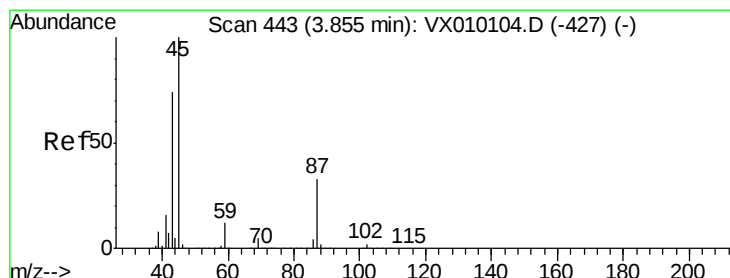
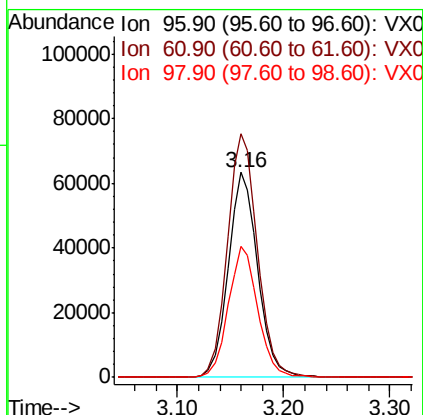
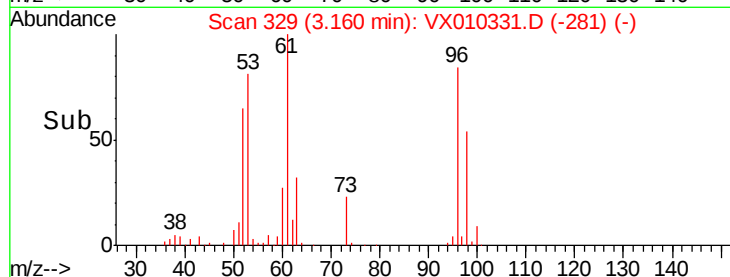
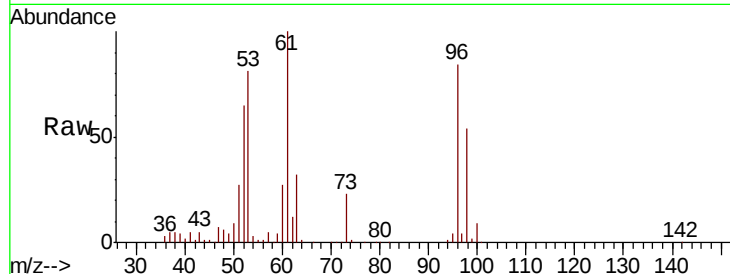




#21
trans-1,2-Dichloroethene
Concen: 43.461 ug/l
RT: 3.16 min Scan# 329
Delta R.T. -0.01 min
Lab File: VX010331.D
Acq: 17 Jun 2019 18:09

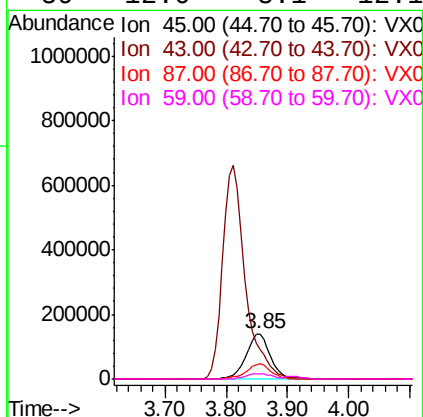
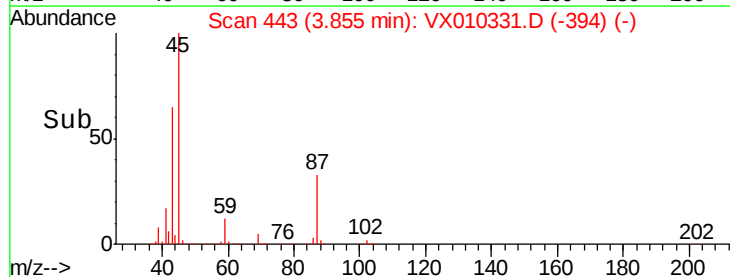
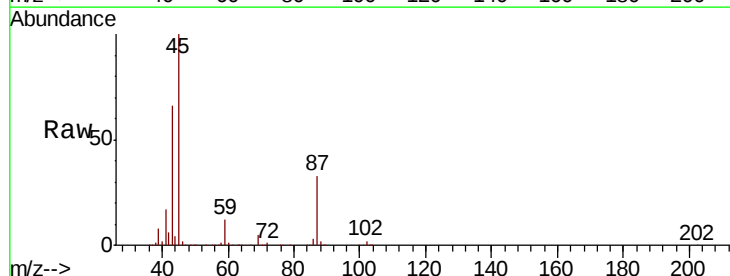
Instrument :
MSVOA_X
ClientSampleId :

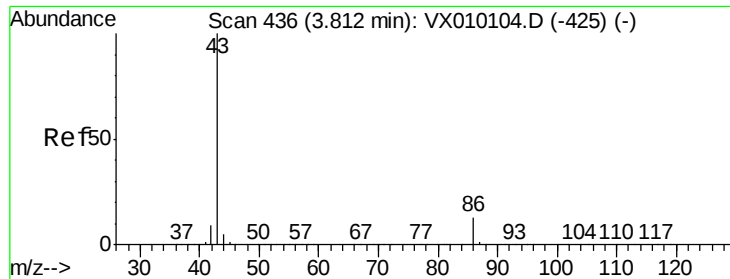
Tot Ion: 96 Resp: 122814
Ion Ratio Lower Upper
96 100
61 118.9 125.7 188.5#
98 64.1 49.0 73.6



#22
Diisopropyl ether
Concen: 51.933 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX010331.D
Acq: 17 Jun 2019 18:09

Tgt Ion: 45 Resp: 382713
Ion Ratio Lower Upper
45 100
43 65.4 65.0 97.4
87 33.0 17.3 25.9#
59 12.0 8.1 12.1





#23

Vinyl Acetate

Concen: 259.208 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX010331.D

Acq: 17 Jun 2019 18:09

Instrument :

MSVOA_X

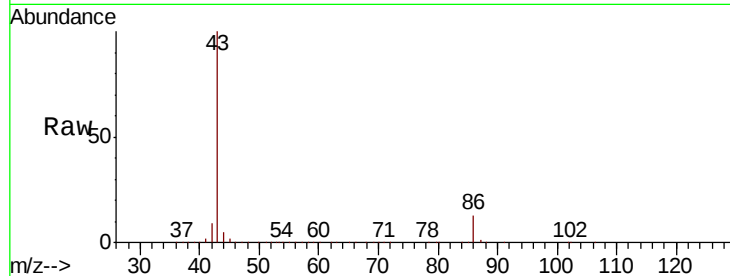
ClientSampleId :

Tot Ion: 43 Resp: 1704107

Ion Ratio Lower Upper

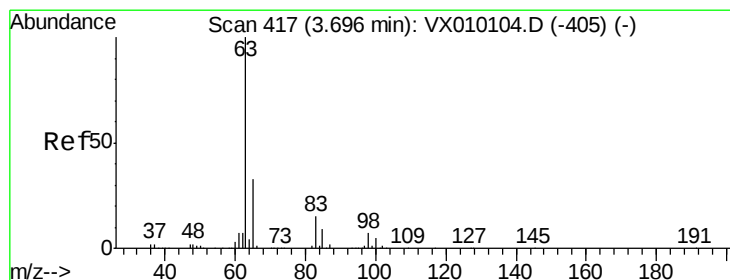
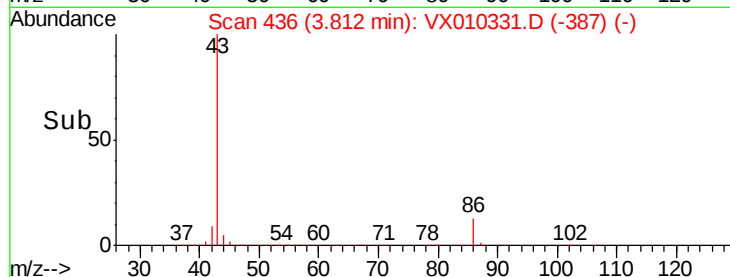
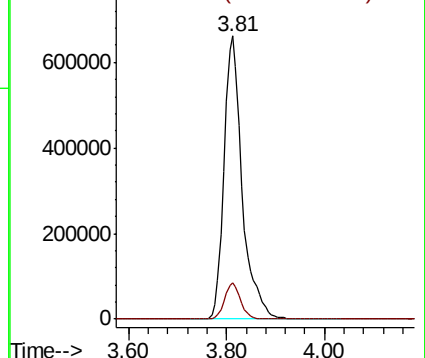
43 100

86 12.8 6.5 9.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.621 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX010331.D

Acq: 17 Jun 2019 18:09

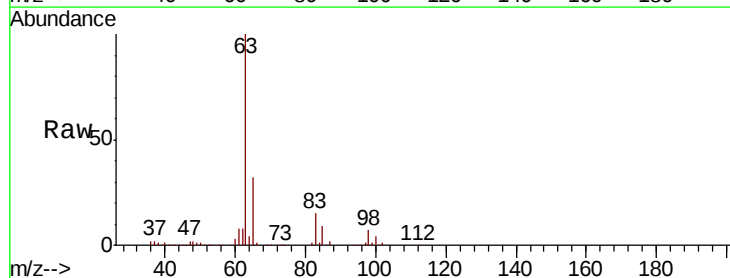
Tgt Ion: 63 Resp: 213074

Ion Ratio Lower Upper

63 100

98 7.3 2.9 8.8

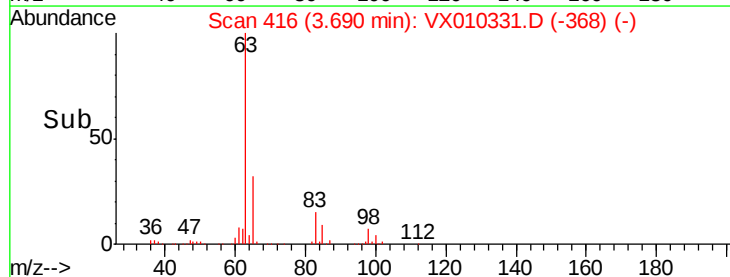
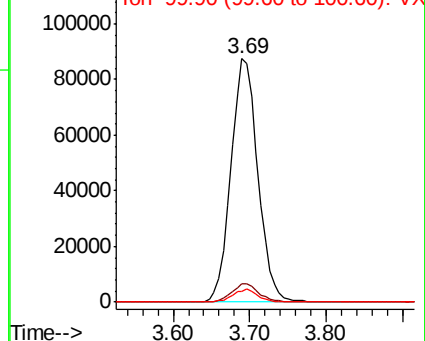
100 4.1 1.8 5.4



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: 266.834 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010331.D

Acq: 17 Jun 2019 18:09

Instrument :

MSVOA_X

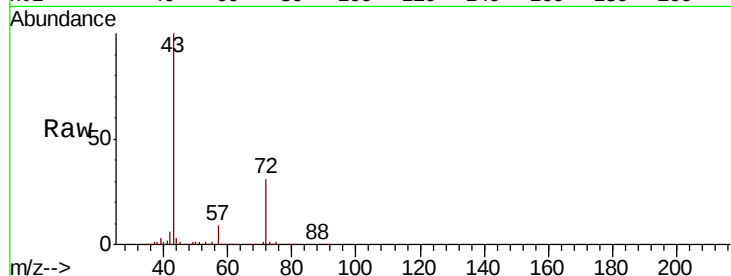
ClientSampled :

Tot Ion: 43 Resp: 518592

Ion Ratio Lower Upper

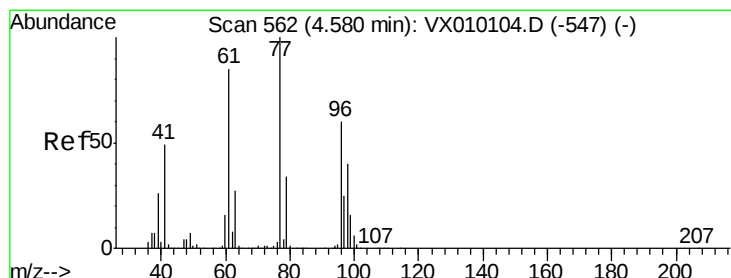
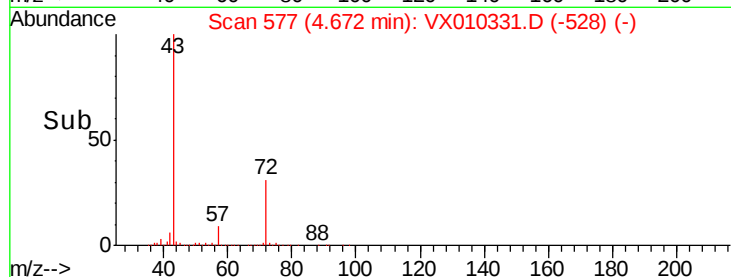
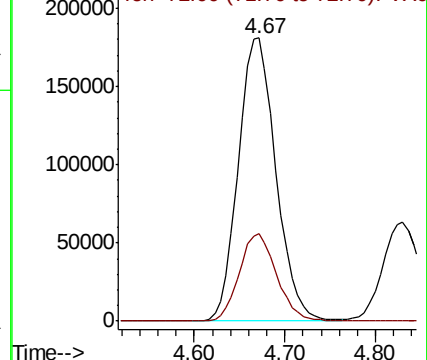
43 100

72 30.6 17.5 26.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 43.838 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX010331.D

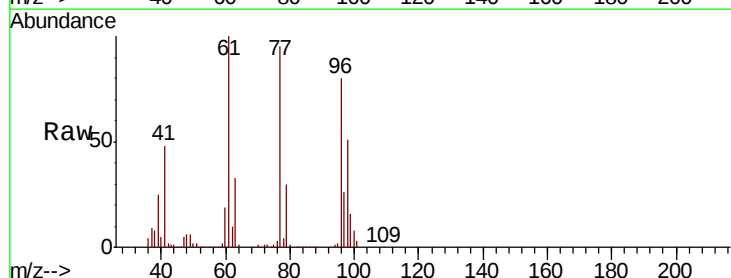
Acq: 17 Jun 2019 18:09

Tgt Ion: 77 Resp: 178943

Ion Ratio Lower Upper

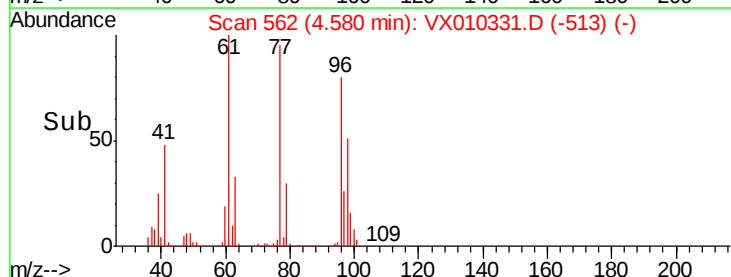
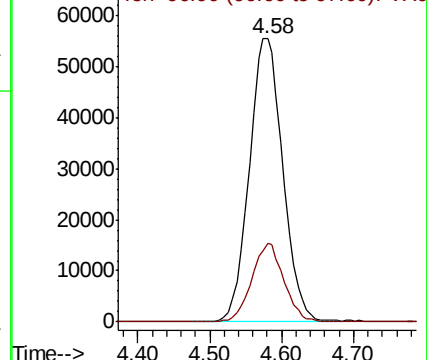
77 100

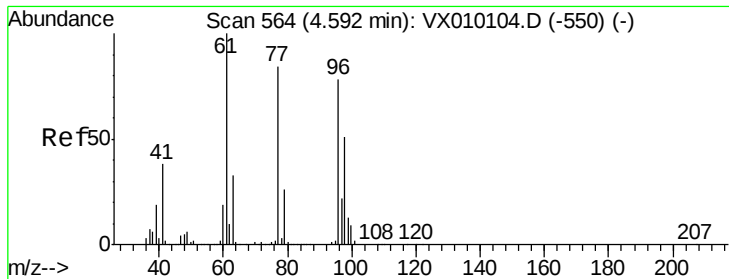
97 26.6 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



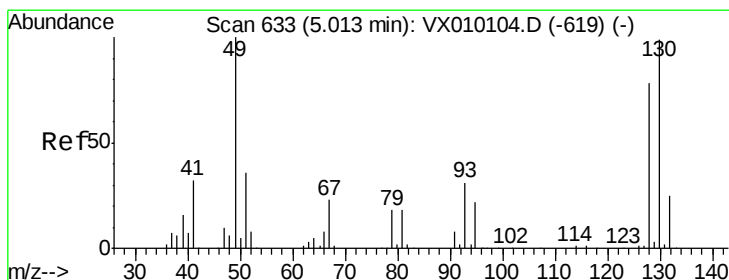
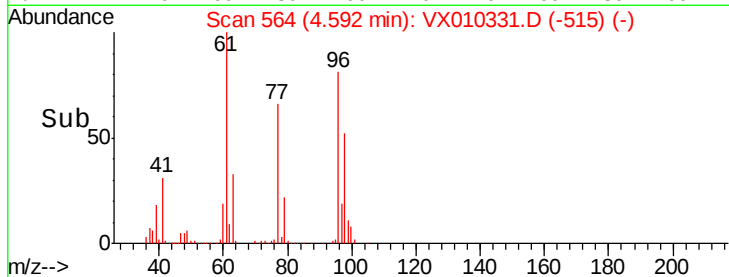
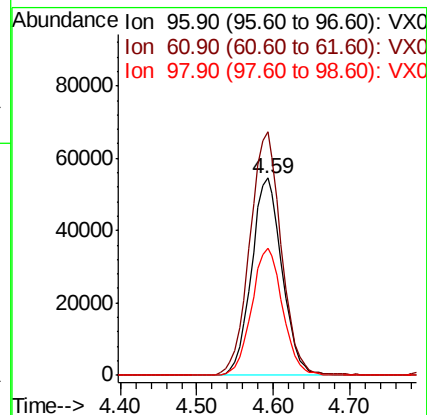
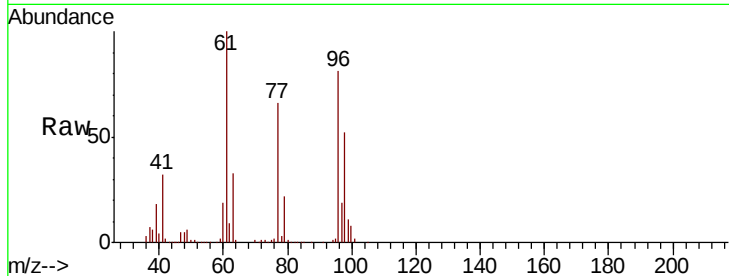


#27

cis-1,2-Dichloroethene
Concen: 48.309 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX010331.D
Acq: 17 Jun 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :

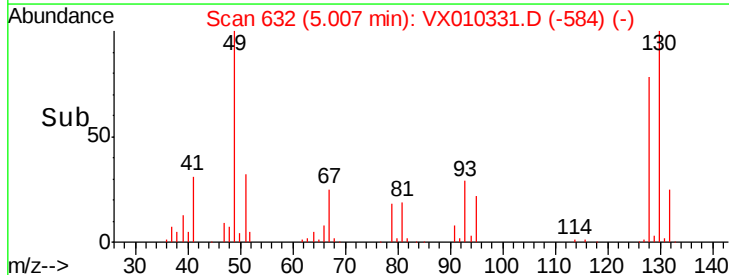
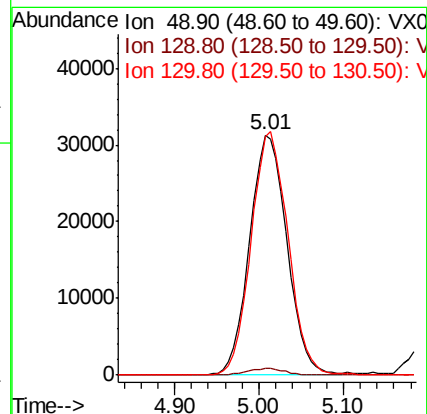
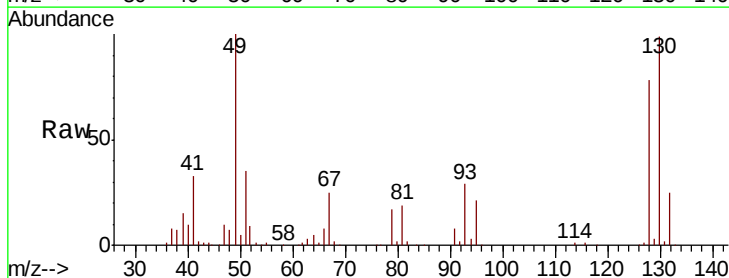
Tot Ion	96	Resp	151867
Ion	Ratio	Lower	Upper
96	100		
61	127.2	0.0	334.0
98	64.9	0.0	131.6

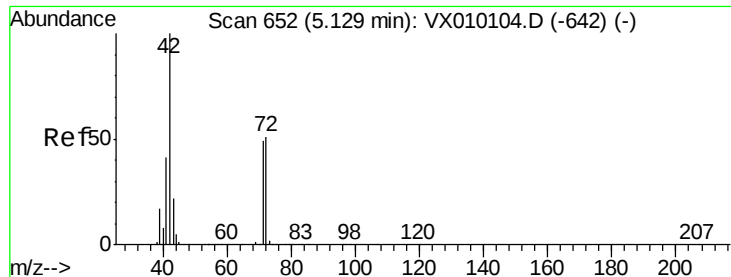


#28

Bromochloromethane
Concen: 47.234 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX010331.D
Acq: 17 Jun 2019 18:09

Tgt Ion	49	Resp	94718
Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	3.4
130	99.8	49.4	74.2#





#29

Tetrahydrofuran

Concen: 258.833 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX010331.D

Acq: 17 Jun 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

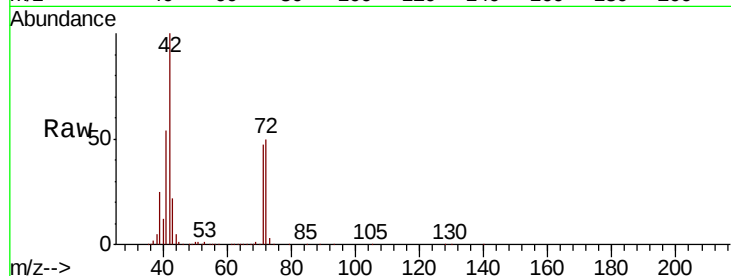
Tot Ion: 42 Resp: 316140

Ion Ratio Lower Upper

42 100

72 51.4 29.2 43.8#

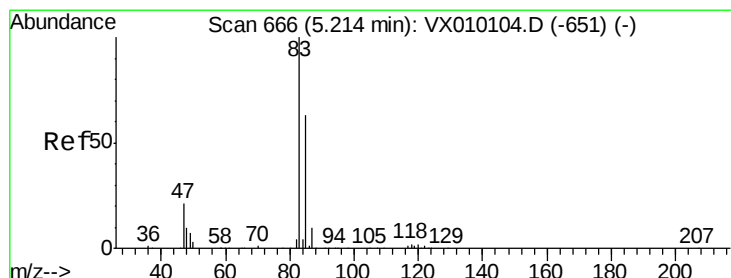
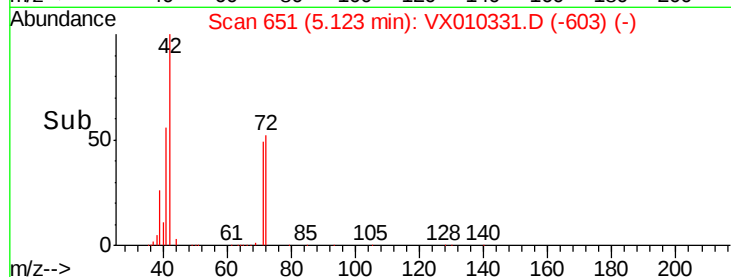
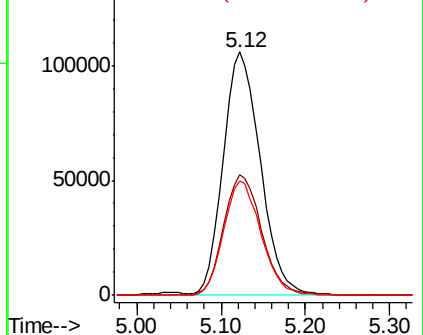
71 47.8 27.6 41.4#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 49.692 ug/l

RT: 5.20 min Scan# 664

Delta R.T. -0.01 min

Lab File: VX010331.D

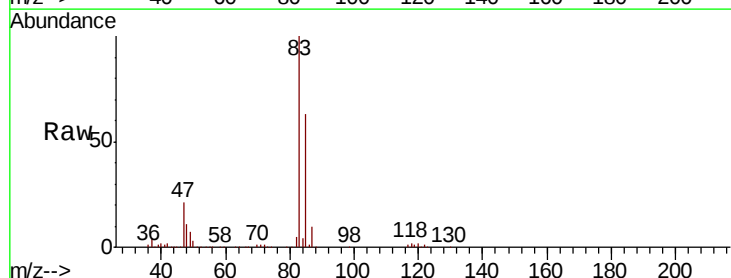
Acq: 17 Jun 2019 18:09

Tgt Ion: 83 Resp: 230907

Ion Ratio Lower Upper

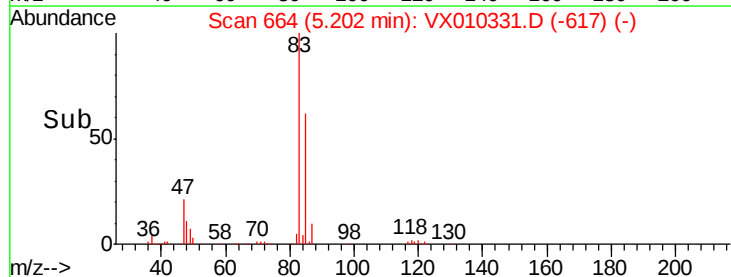
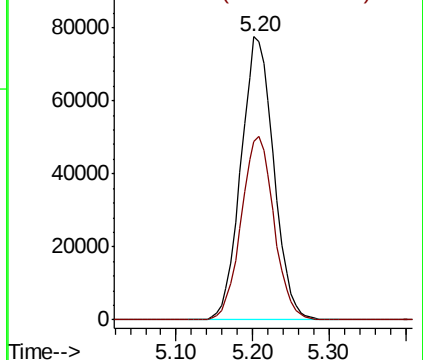
83 100

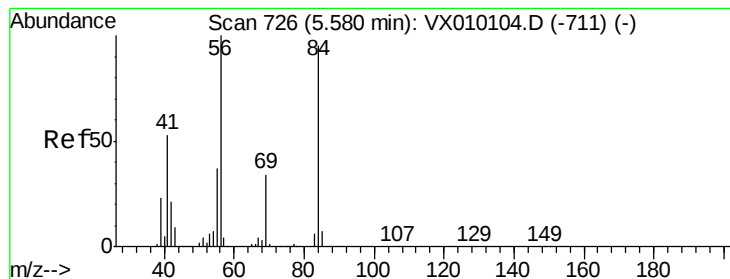
85 63.0 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 44.560 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010331.D

Acq: 17 Jun 2019 18:09

Instrument :

MSVOA_X

ClientSampled :

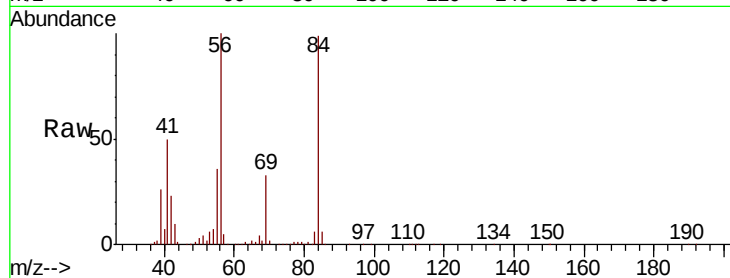
Tot Ion: 56 Resp: 179939

Ion Ratio Lower Upper

56 100

69 32.9 21.6 32.4#

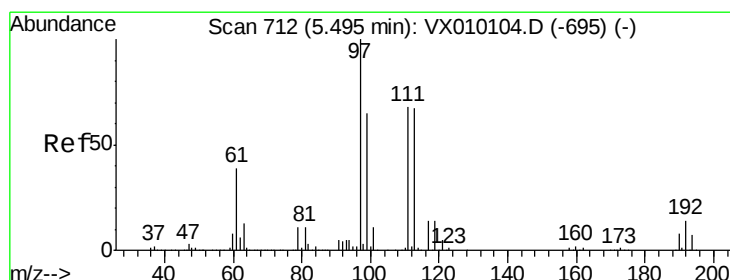
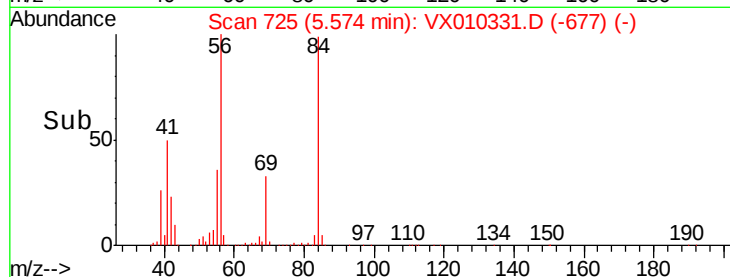
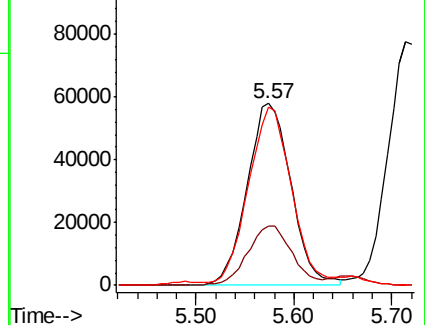
84 96.9 56.8 85.2#



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: 45.392 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX010331.D

Acq: 17 Jun 2019 18:09

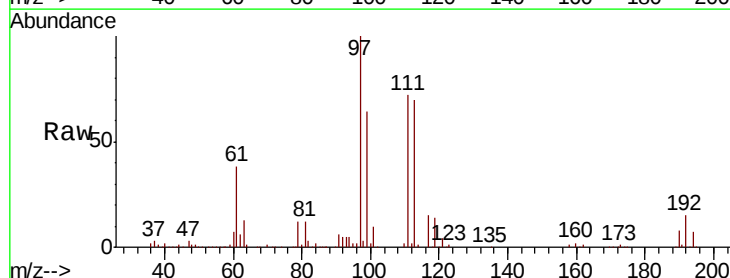
Tgt Ion: 97 Resp: 198295

Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.4

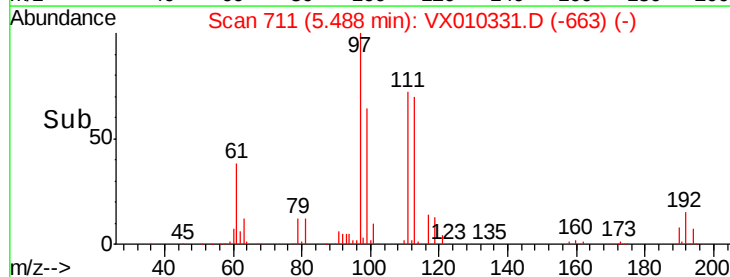
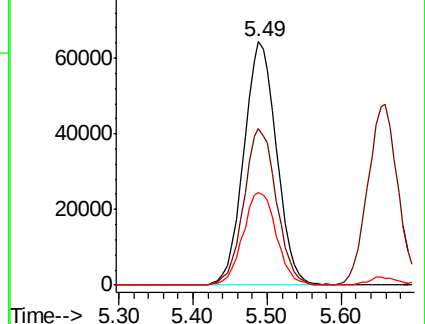
61 38.9 38.7 58.1

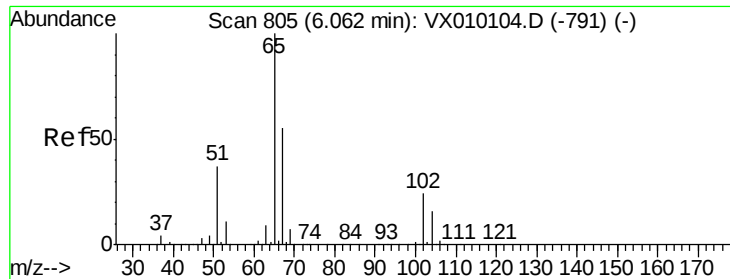


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

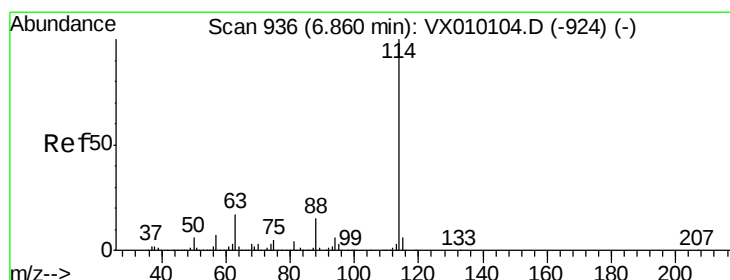
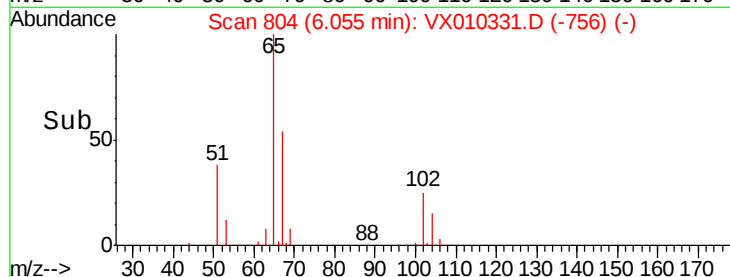
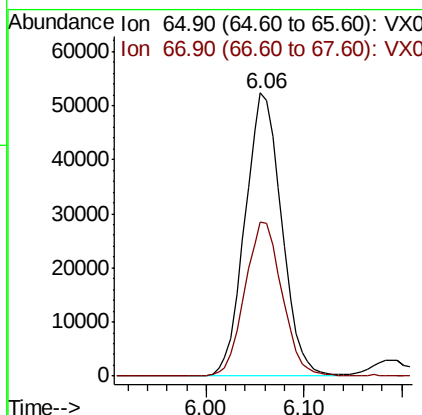
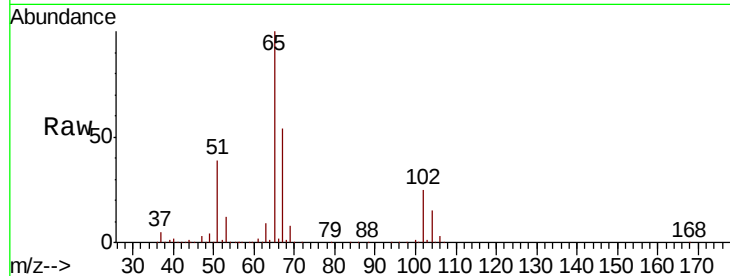




#33
 1,2-Dichloroethane-d4
 Concen: 49.047 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX010331.D
 Acq: 17 Jun 2019 18:09

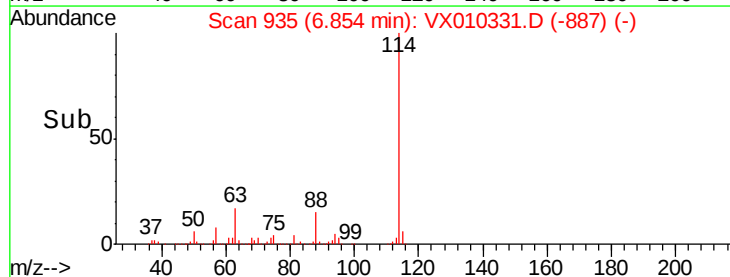
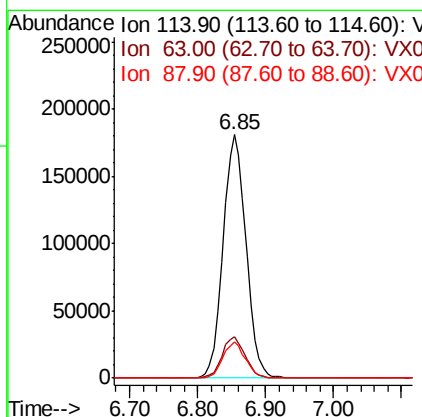
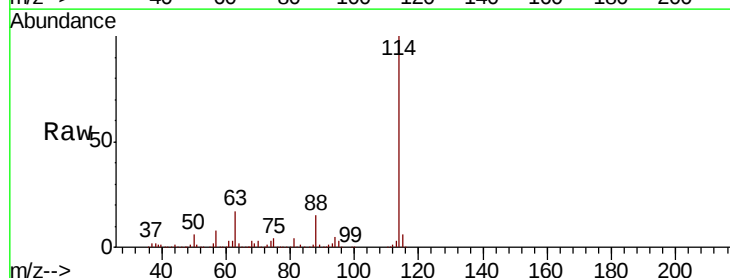
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 65 Resp: 136103
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010331.D
 Acq: 17 Jun 2019 18:09

Tgt Ion: 114 Resp: 421649
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 47.4
 88 14.7 0.0 33.0

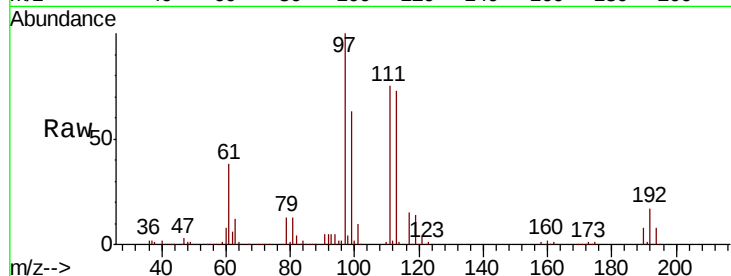




#35
Dibromofluoromethane
Concen: 50.759 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX010331.D
Acq: 17 Jun 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.2	123.2
192	23.2	17.1	25.7

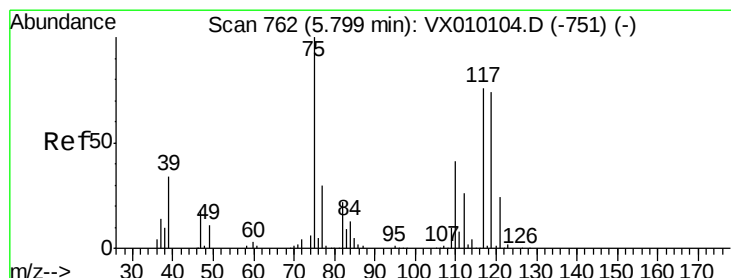
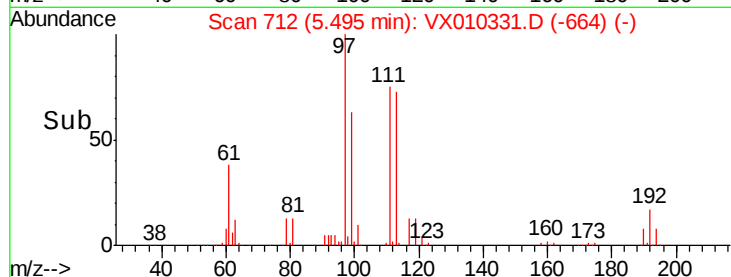
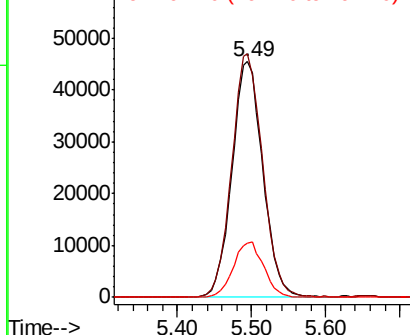


Abundance

Ion 112.80 (112.50 to 113.50): V

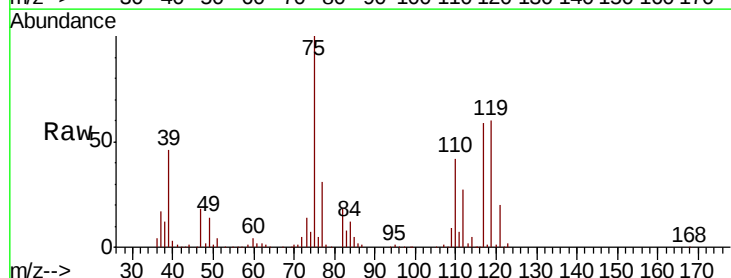
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
1,1-Dichloropropene
Concen: 45.601 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX010331.D
Acq: 17 Jun 2019 18:09

Tgt Ion	Ratio	Lower	Upper
75	100		
110	41.5	16.7	50.1
77	31.4	25.0	37.4

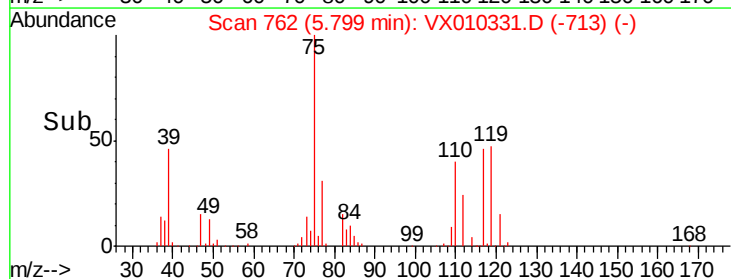
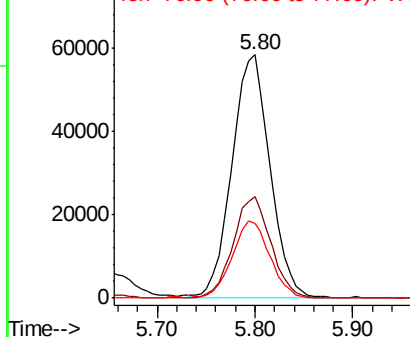


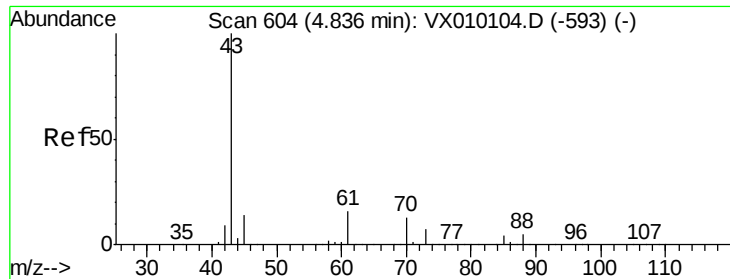
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 52.413 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX010331.D

Acq: 17 Jun 2019 18:09

Instrument :

MSVOA_X

ClientSampled :

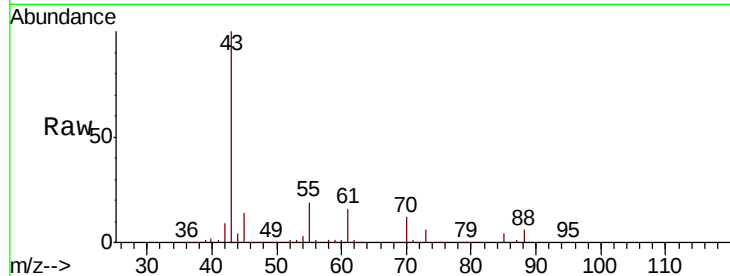
Tot Ion: 43 Resp: 187598

Ion Ratio Lower Upper

43 100

61 15.5 10.2 15.2#

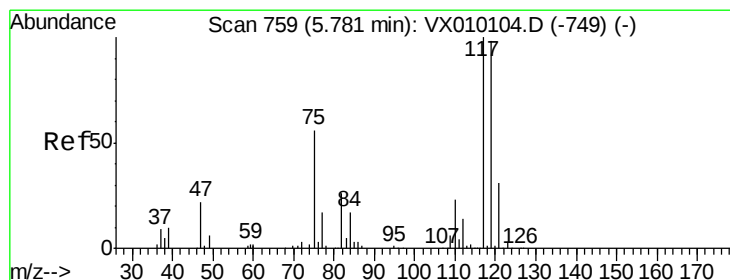
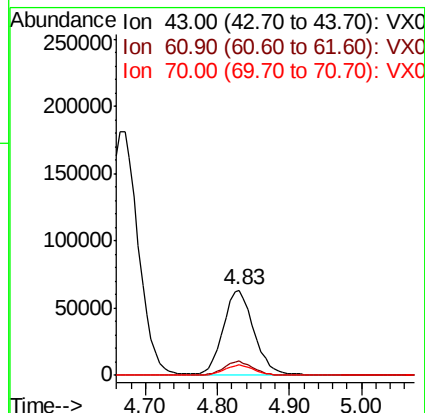
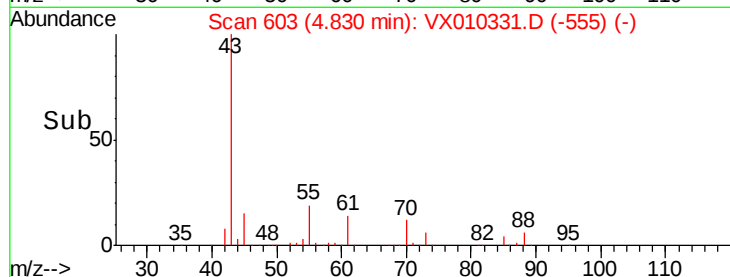
70 12.4 7.4 11.2#



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: 44.949 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX010331.D

Acq: 17 Jun 2019 18:09

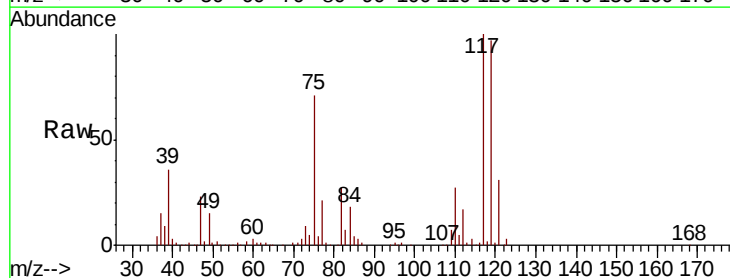
Tgt Ion: 117 Resp: 175019

Ion Ratio Lower Upper

117 100

119 96.9 77.3 115.9

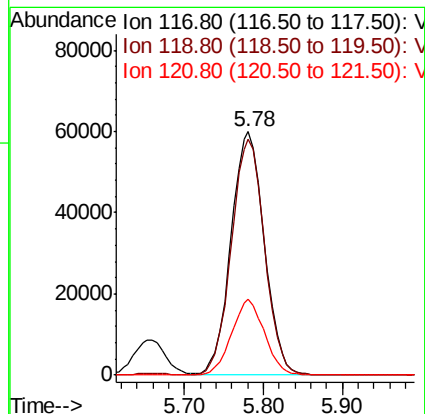
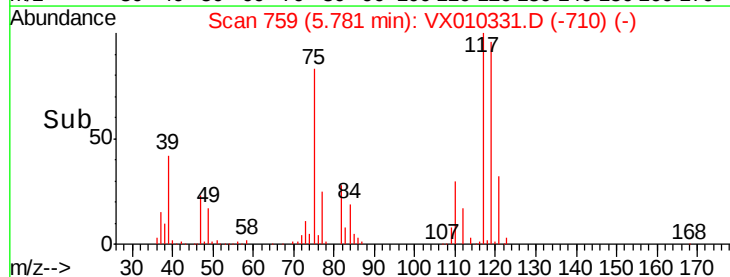
121 31.4 25.4 38.0

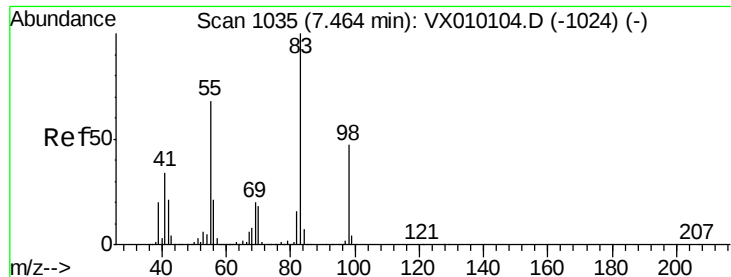


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

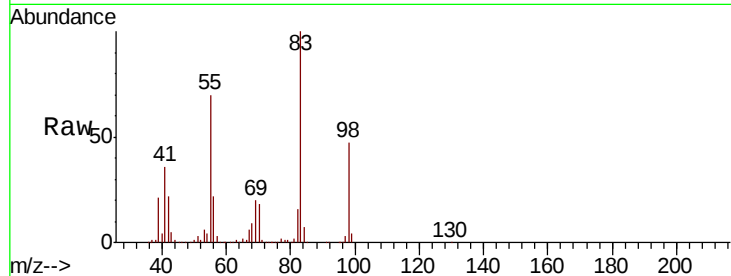




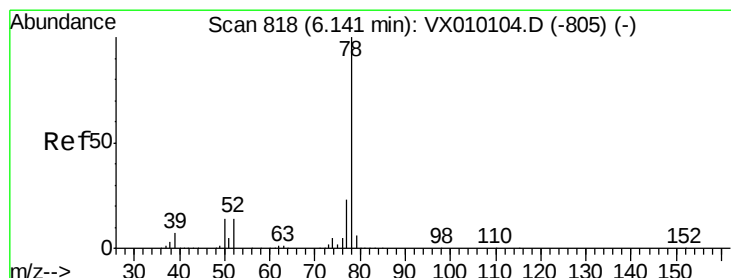
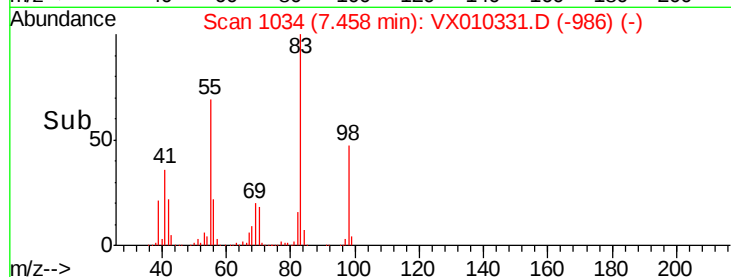
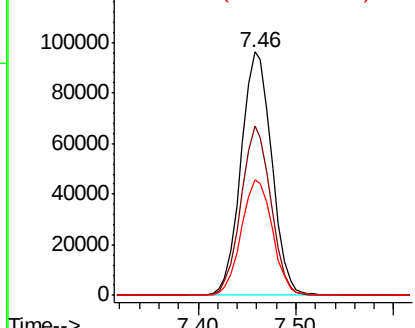
#39
Methvlcvclohexane
Concen: 44.880 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010331.D
Acq: 17 Jun 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 210227
Ion Ratio Lower Upper
83 100
55 69.5 69.9 104.9#
98 47.5 35.1 52.7

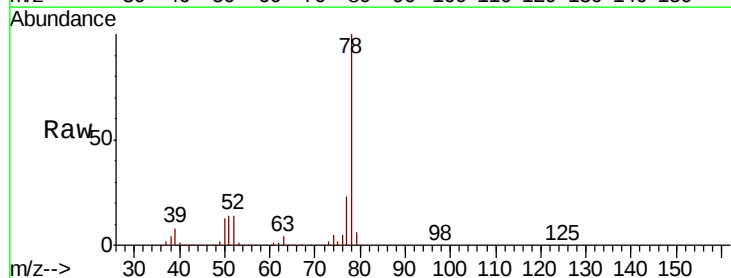


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

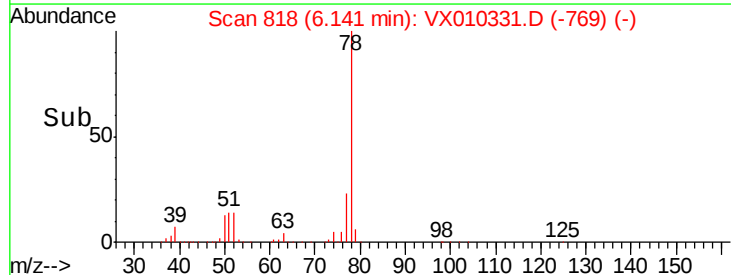
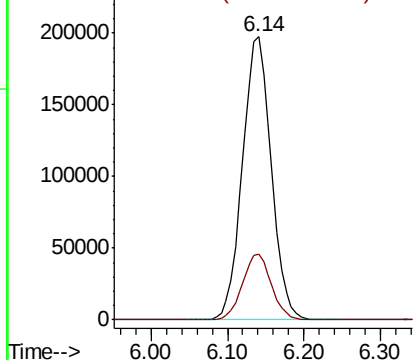


#40
Benzene
Concen: 48.583 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010331.D
Acq: 17 Jun 2019 18:09

Tgt Ion: 78 Resp: 516786
Ion Ratio Lower Upper
78 100
77 23.3 19.2 28.8



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





#41

Methacrylonitrile

Concen: 52.919 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX010331.D

Acq: 17 Jun 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 102458

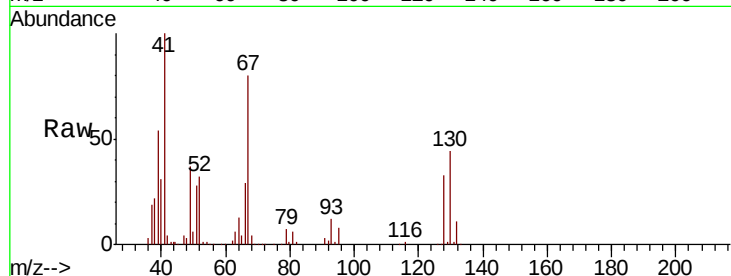
Ion Ratio Lower Upper

41 100

39 53.3 42.2 63.4

67 83.0 48.9 73.3#

52 31.6 20.1 30.1#

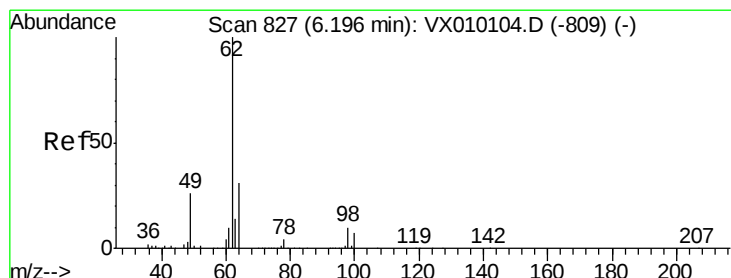
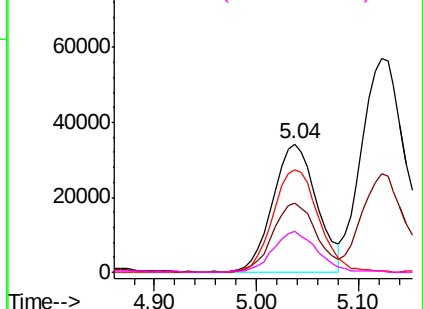
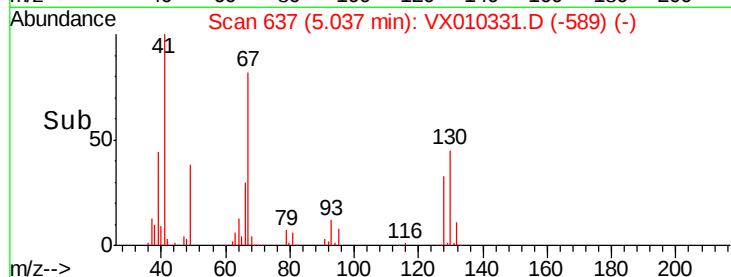


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 50.481 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX010331.D

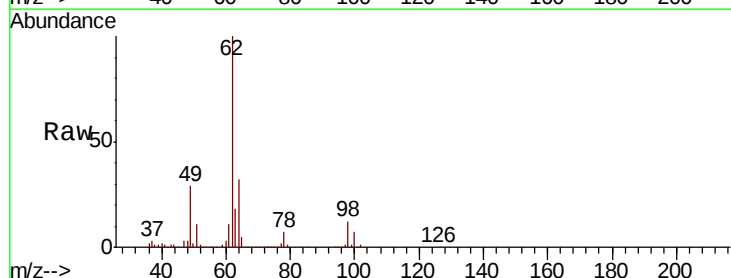
Acq: 17 Jun 2019 18:09

Tgt Ion: 62 Resp: 171429

Ion Ratio Lower Upper

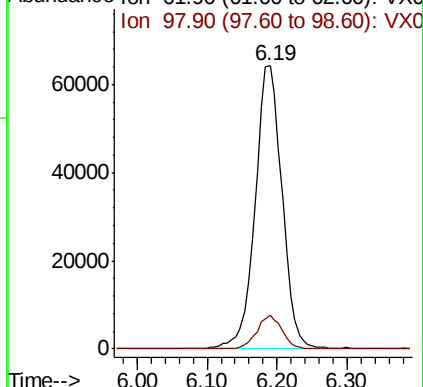
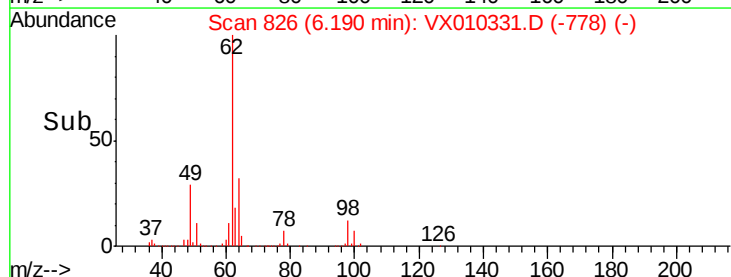
62 100

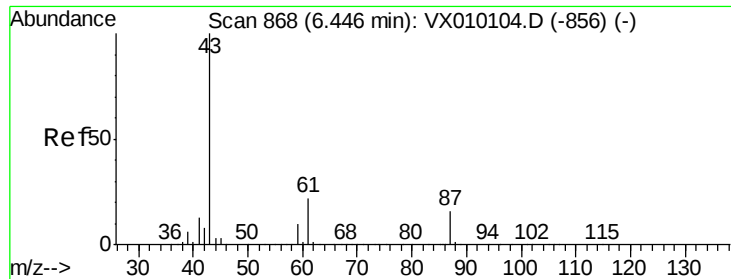
98 11.2 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



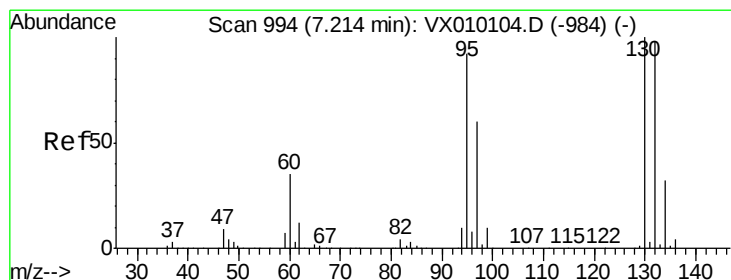
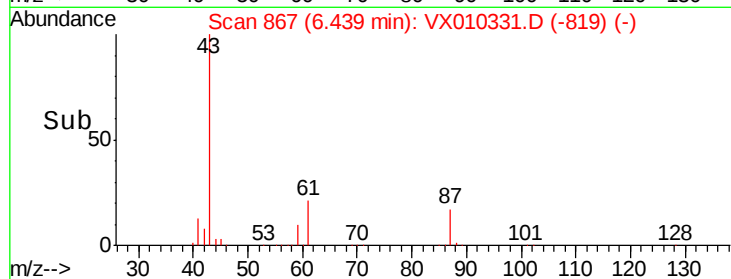
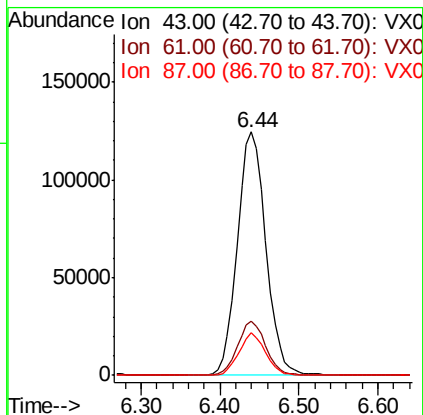
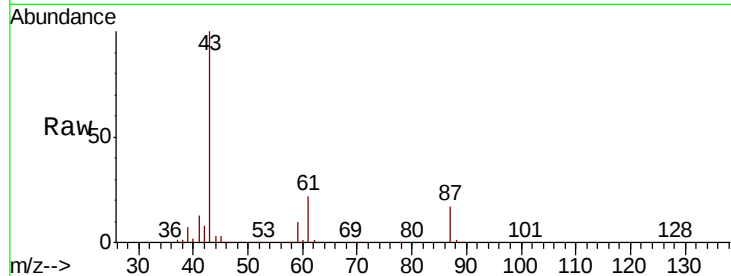


#43

Isopropyl Acetate
 Concen: 52.289 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX010331.D
 Acq: 17 Jun 2019 18:09

Instrument :
 MSVOA_X
 ClientSampleId :

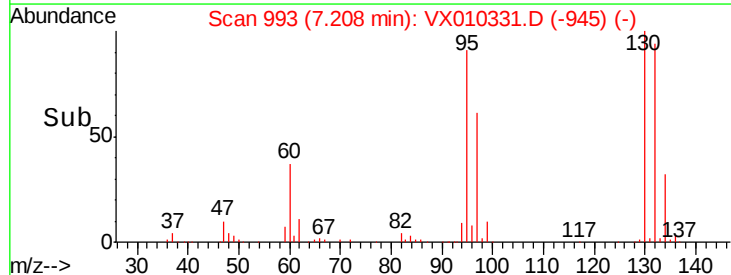
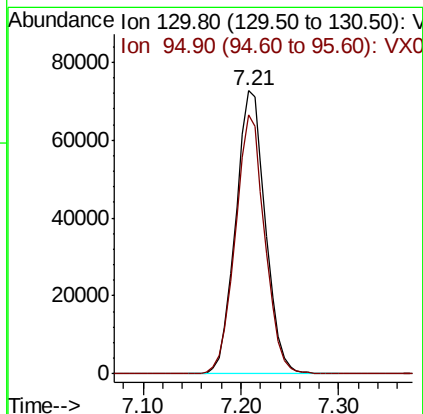
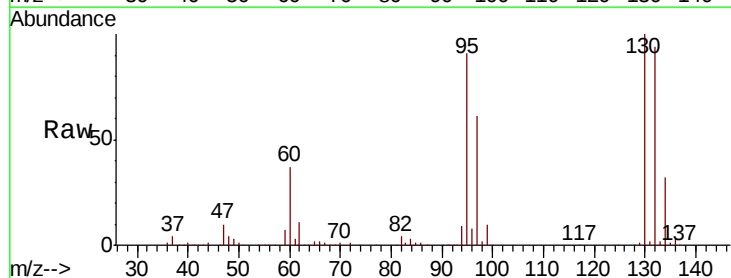
Tot Ion: 43 Resp: 312925
 Ion Ratio Lower Upper
 43 100
 61 22.0 14.6 21.8#
 87 16.3 8.7 13.1#

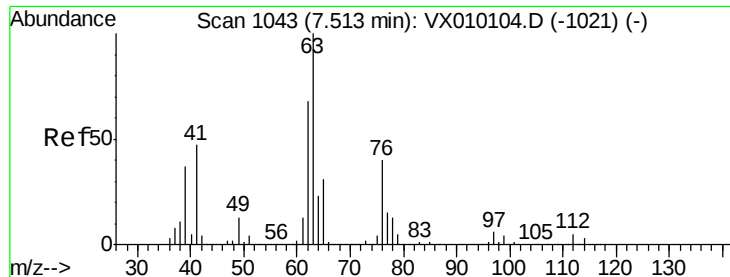


#44

Trichloroethene
 Concen: 47.789 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX010331.D
 Acq: 17 Jun 2019 18:09

Tgt Ion:130 Resp: 153230
 Ion Ratio Lower Upper
 130 100
 95 91.4 0.0 207.4





#45

1,2-Dichloropropane

Concen: 50.823 ug/l

RT: 7.51 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX010331.D

Acq: 17 Jun 2019 18:09

Instrument :

MSVOA_X

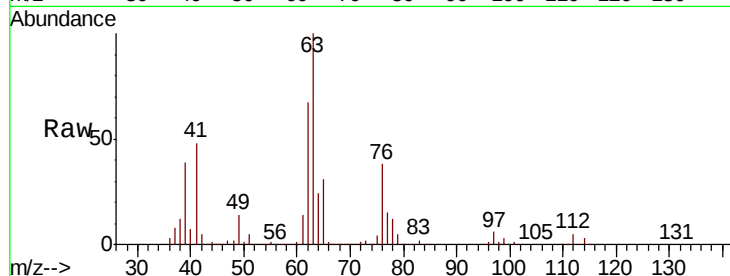
ClientSampleId :

Tot Ion: 63 Resp: 135311

Ion Ratio Lower Upper

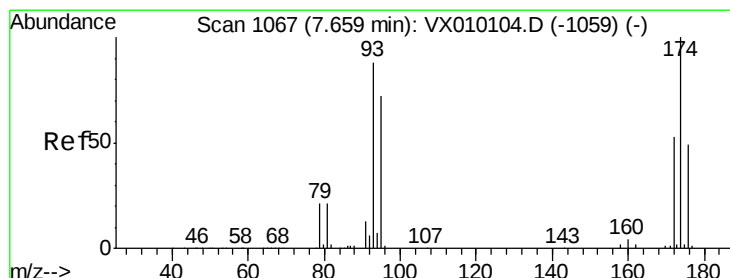
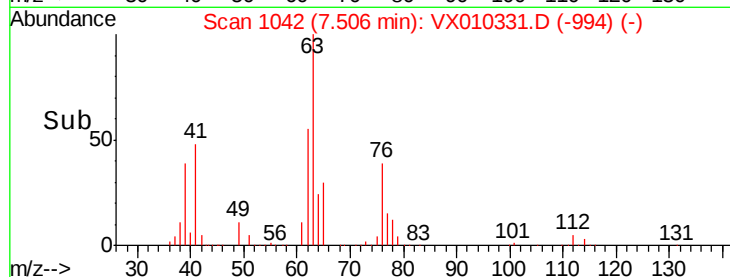
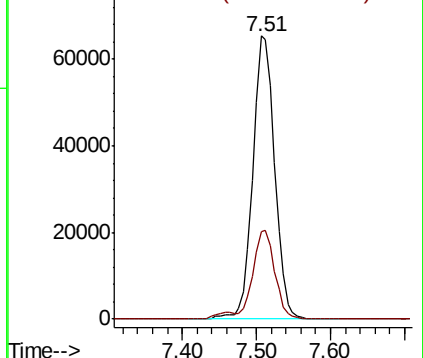
63 100

65 31.0 25.7 38.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.640 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010331.D

Acq: 17 Jun 2019 18:09

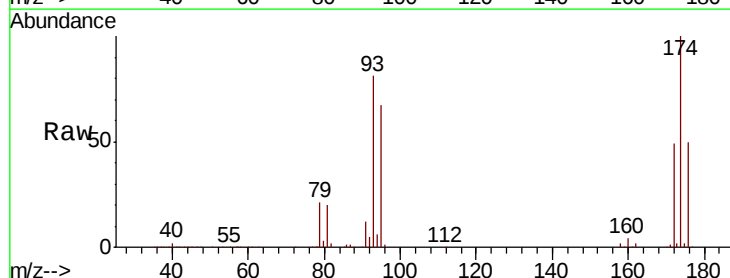
Tgt Ion: 93 Resp: 99013

Ion Ratio Lower Upper

93 100

95 85.2 66.8 100.2

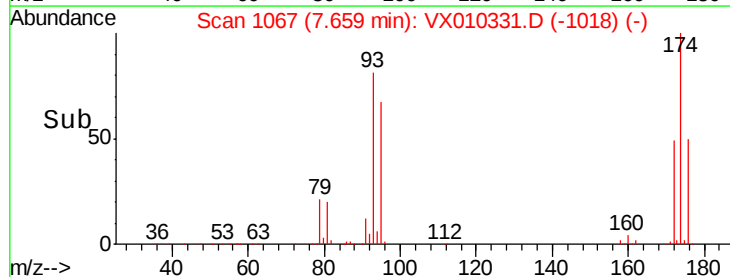
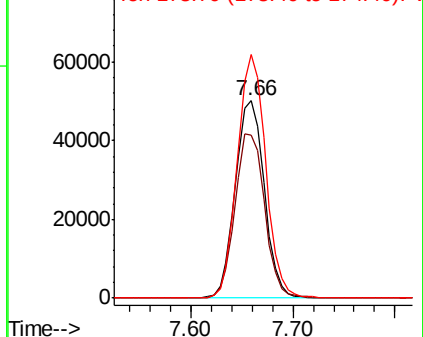
174 120.7 81.9 122.9

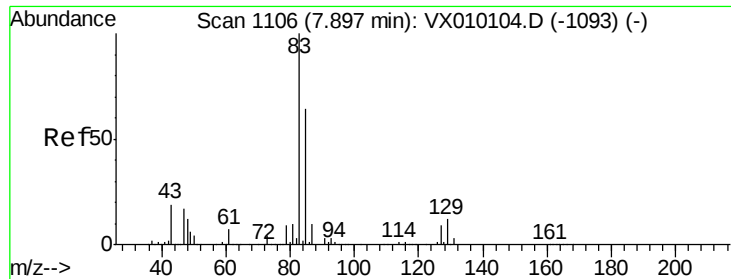


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 49.856 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010331.D

Acq: 17 Jun 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

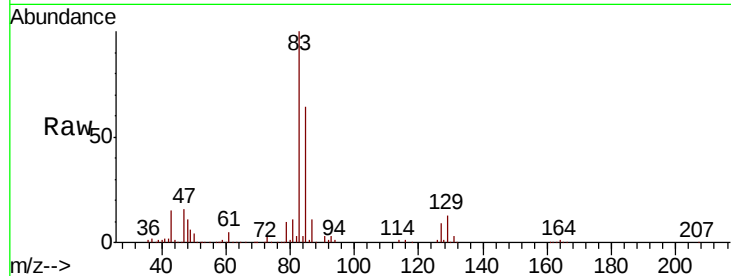
Tot Ion: 83 Resp: 185820

Ion Ratio Lower Upper

83 100

85 64.1 51.4 77.2

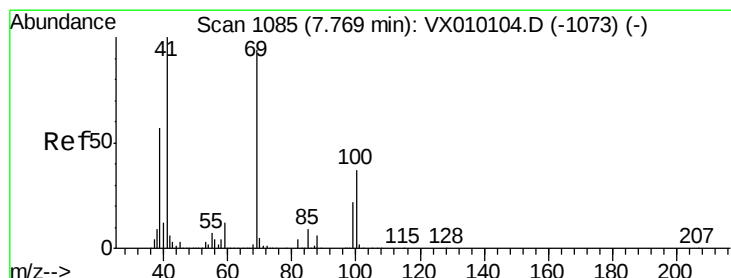
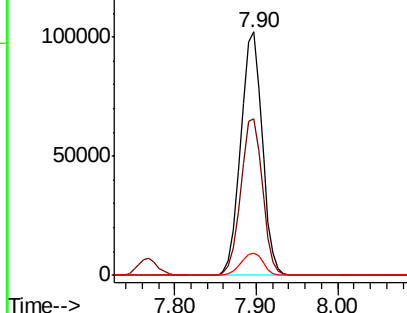
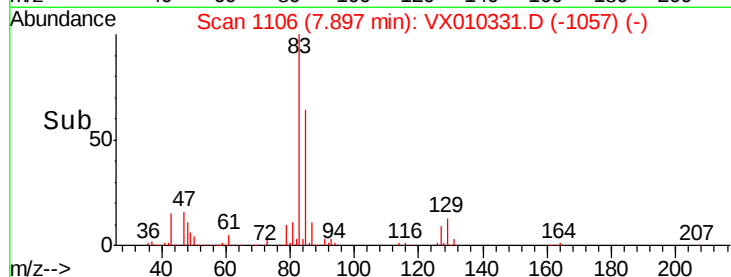
127 9.0 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 53.285 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010331.D

Acq: 17 Jun 2019 18:09

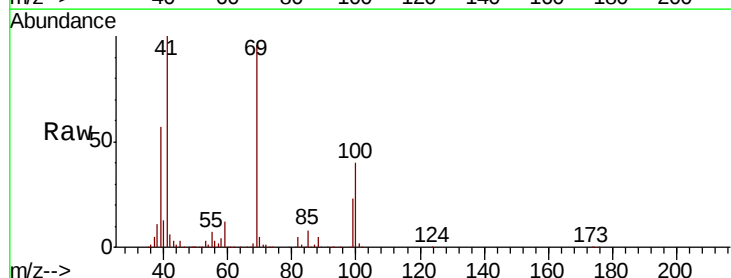
Tgt Ion: 41 Resp: 149132

Ion Ratio Lower Upper

41 100

69 94.4 56.4 84.6#

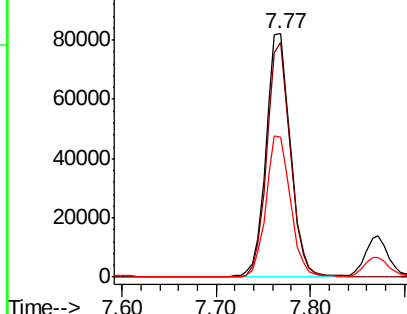
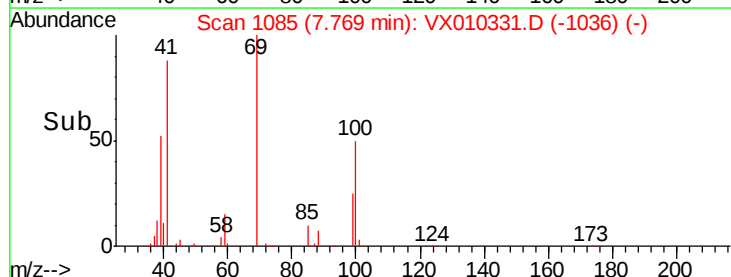
39 58.1 40.6 60.8

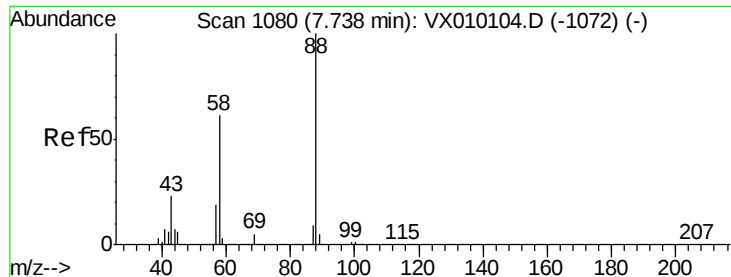


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1064.993 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX010331.D

Acq: 17 Jun 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

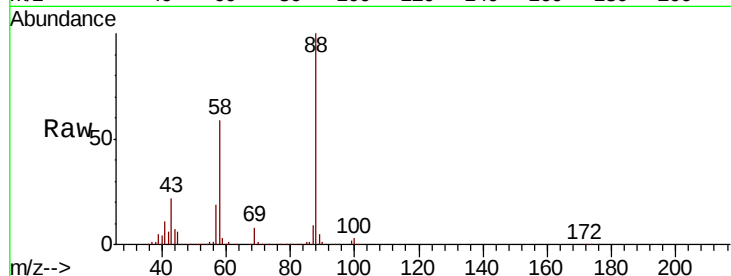
Tot Ion: 88 Resp: 84982

Ion Ratio Lower Upper

88 100

43 26.3 30.2 45.4#

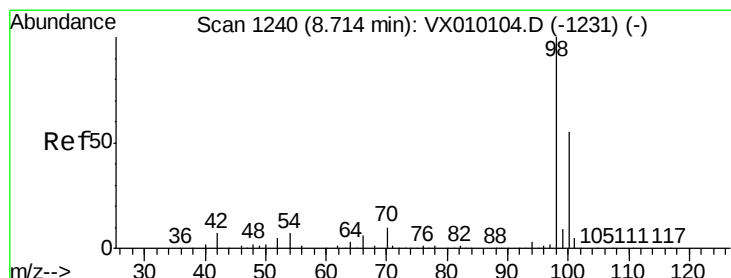
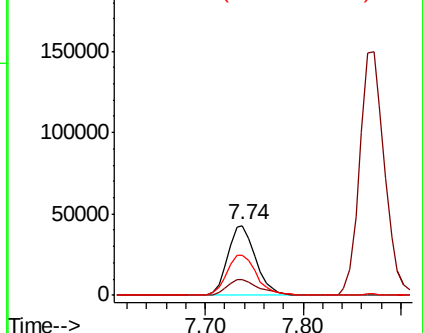
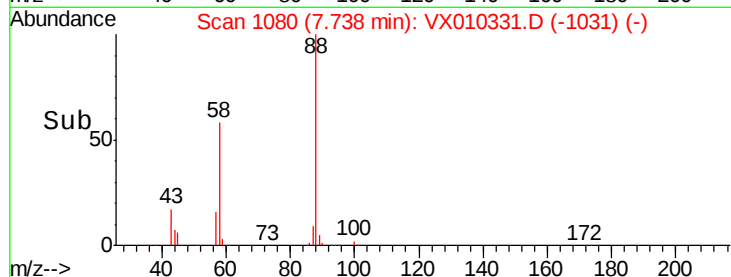
58 61.9 64.0 96.0#



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: 49.630 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010331.D

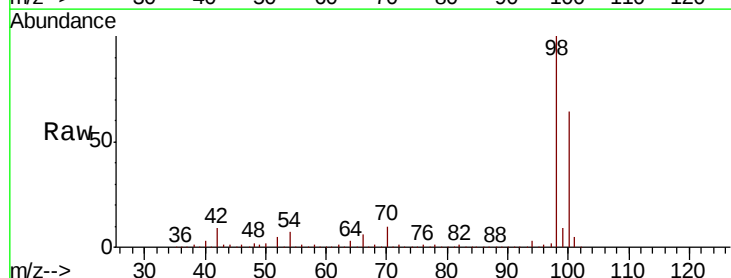
Acq: 17 Jun 2019 18:09

Tgt Ion: 98 Resp: 483766

Ion Ratio Lower Upper

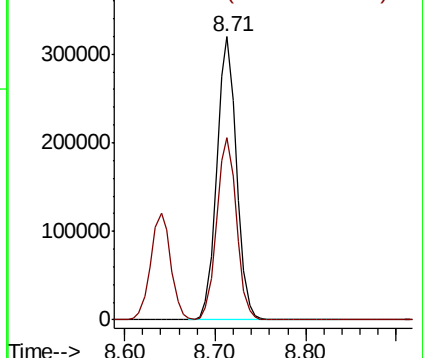
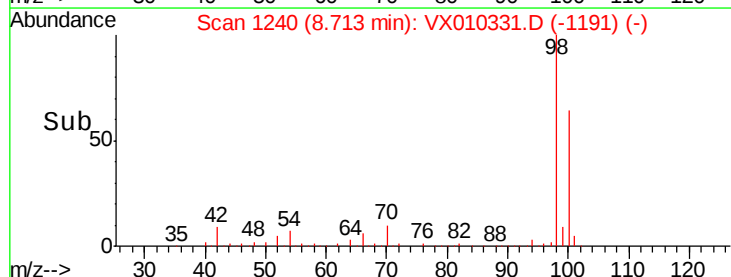
98 100

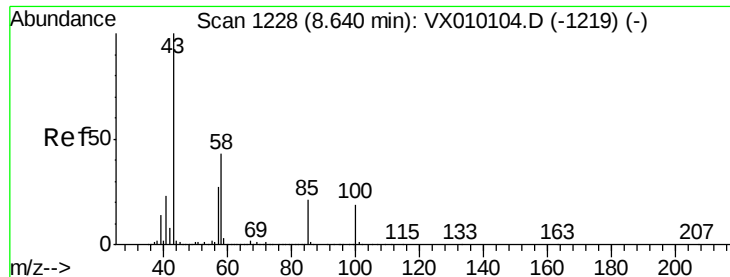
100 64.8 51.5 77.3



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: 281.921 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010331.D

Acq: 17 Jun 2019 18:09

Instrument :

MSVOA_X

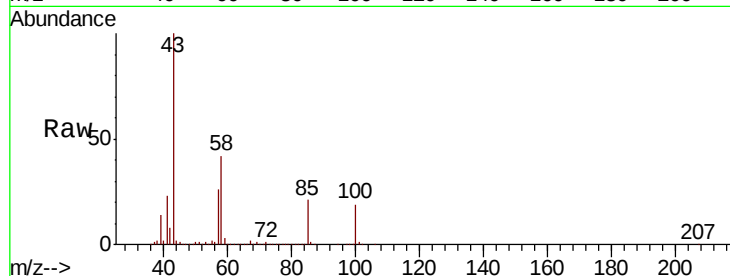
ClientSampleId :

Tot Ion: 43 Resp: 1007898

Ion Ratio Lower Upper

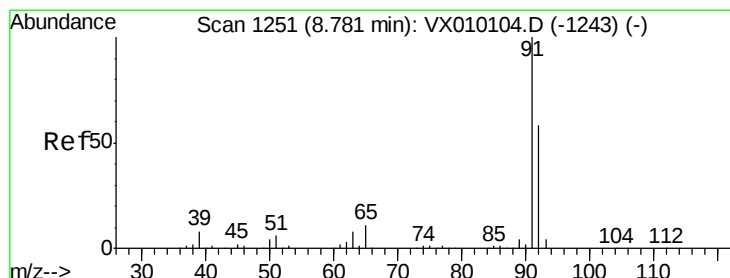
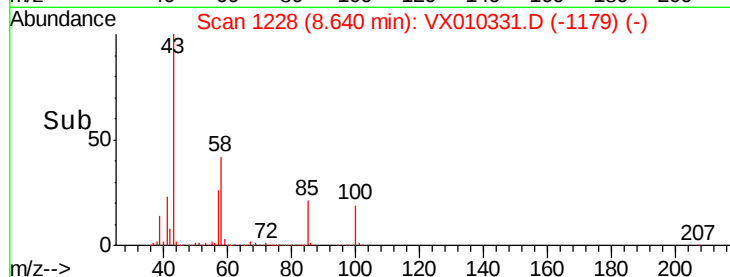
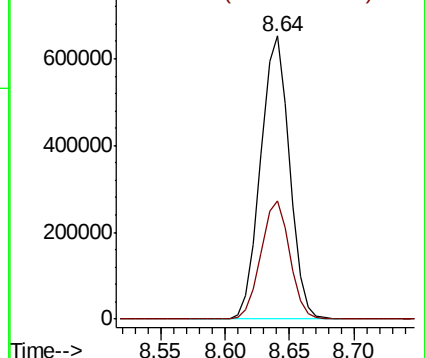
43 100

58 41.7 28.8 43.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 48.514 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX010331.D

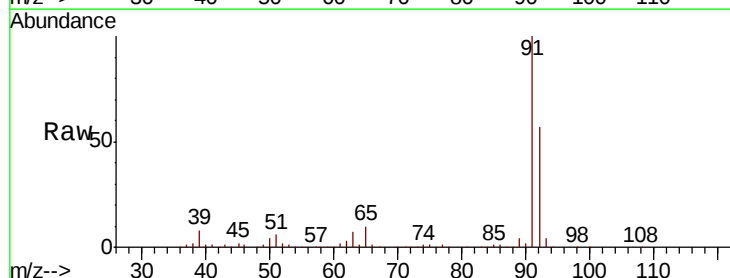
Acq: 17 Jun 2019 18:09

Tgt Ion: 92 Resp: 339222

Ion Ratio Lower Upper

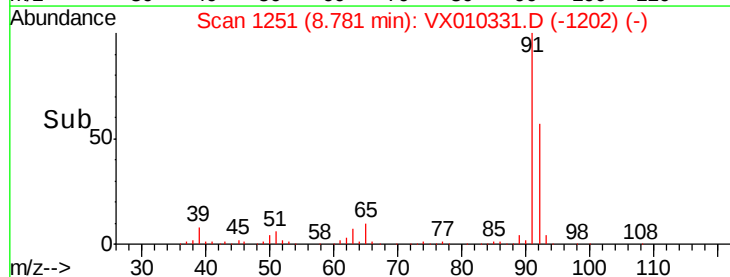
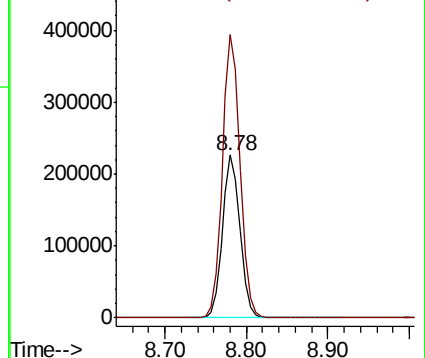
92 100

91 174.8 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

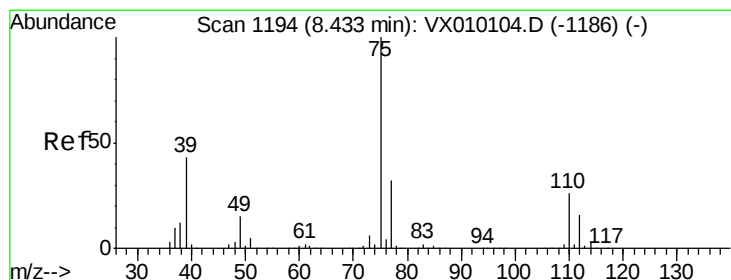
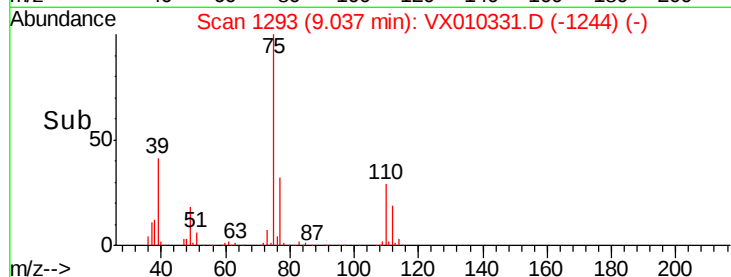
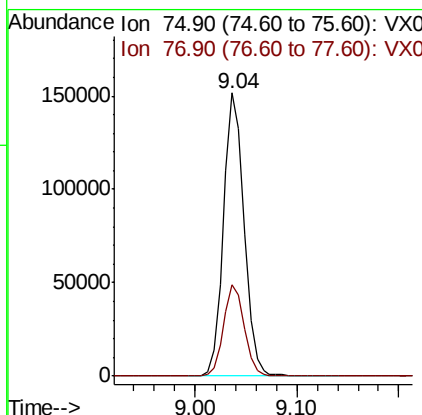
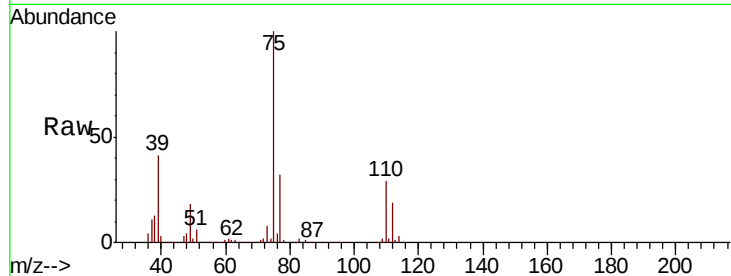




#53
t-1,3-Dichloropropene
Concen: 49.451 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX010331.D
Acq: 17 Jun 2019 18:09

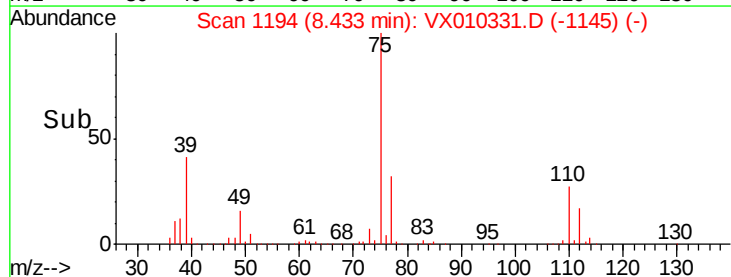
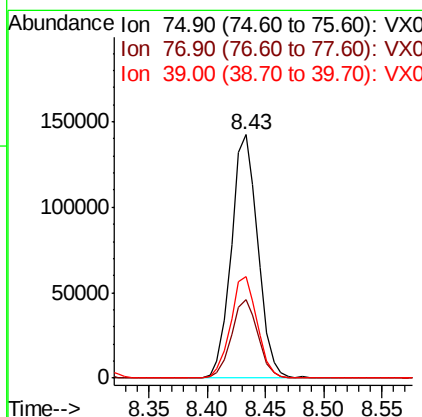
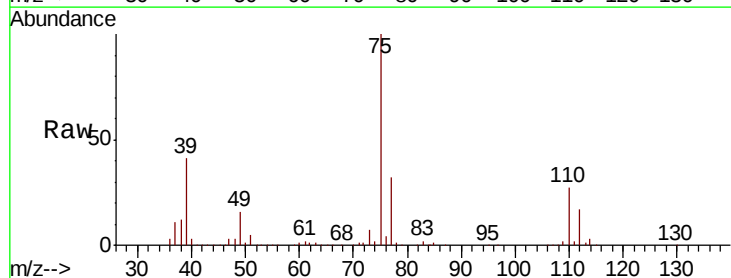
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 213189
Ion Ratio Lower Upper
75 100
77 32.2 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 49.079 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX010331.D
Acq: 17 Jun 2019 18:09

Tgt Ion: 75 Resp: 226827
Ion Ratio Lower Upper
75 100
77 32.0 24.8 37.2
39 41.4 43.4 65.0#



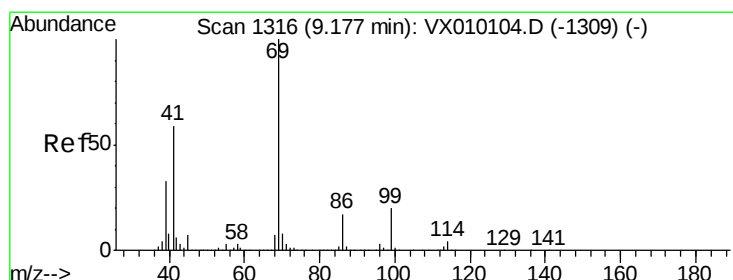
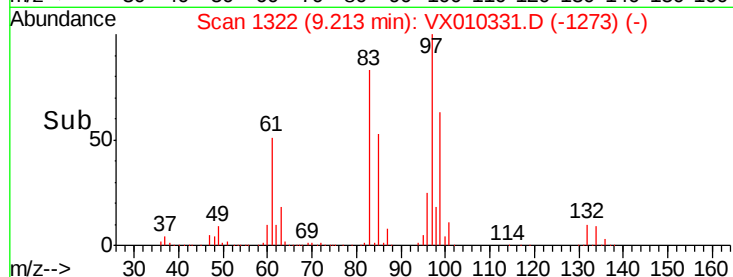
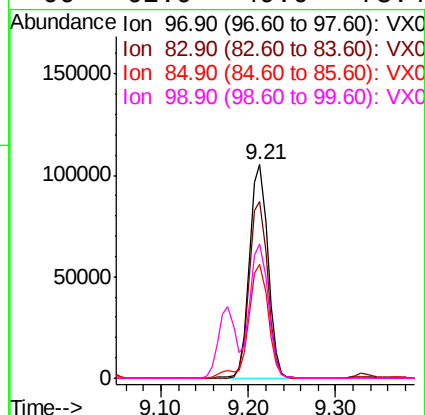
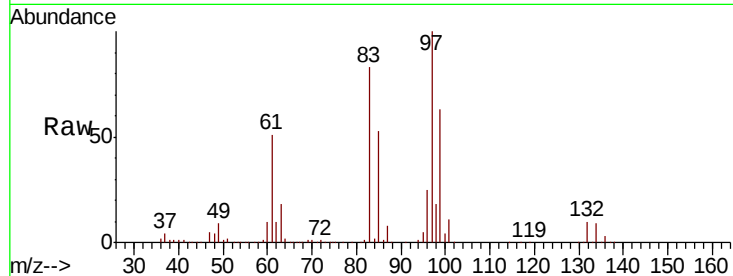


#55
 1,1,2-Trichloroethane
 Concen: 53.874 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010331.D
 Acq: 17 Jun 2019 18:09

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 97 Resp: 154277

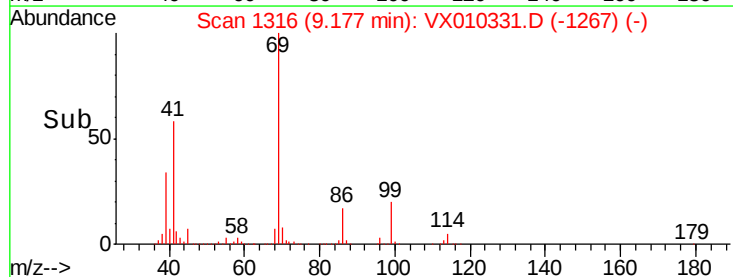
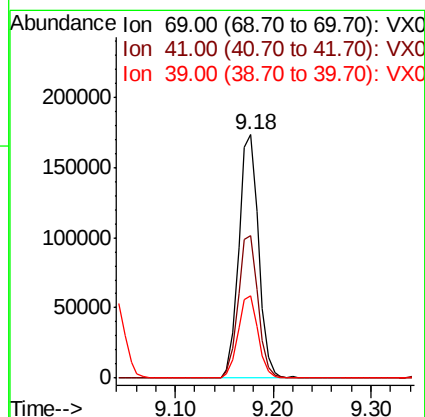
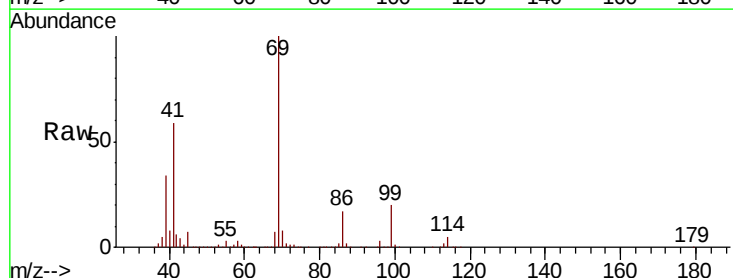
Ion	Ratio	Lower	Upper
97	100		
83	82.8	69.8	104.8
85	53.4	45.3	67.9
99	62.9	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 53.530 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010331.D
 Acq: 17 Jun 2019 18:09

Tgt Ion: 69 Resp: 242148

Ion	Ratio	Lower	Upper
69	100		
41	58.8	62.7	94.1#
39	34.0	29.5	44.3

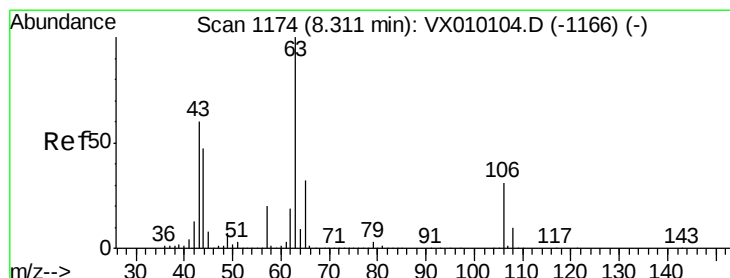
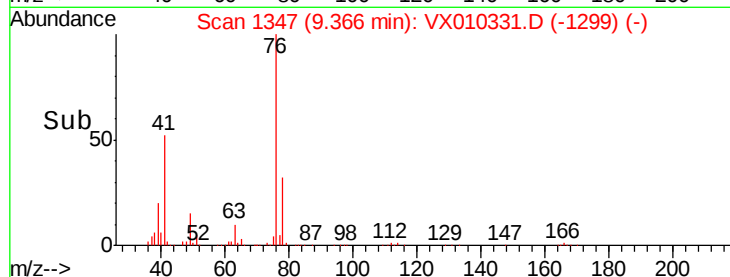
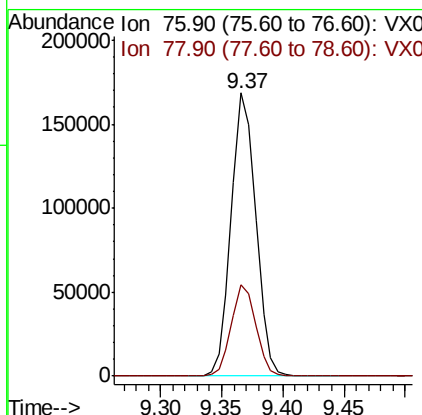
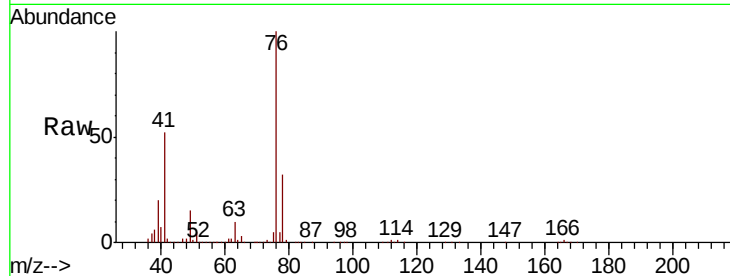




#57
 1,3-Dichloropropane
 Concen: 52.183 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX010331.D
 Acq: 17 Jun 2019 18:09

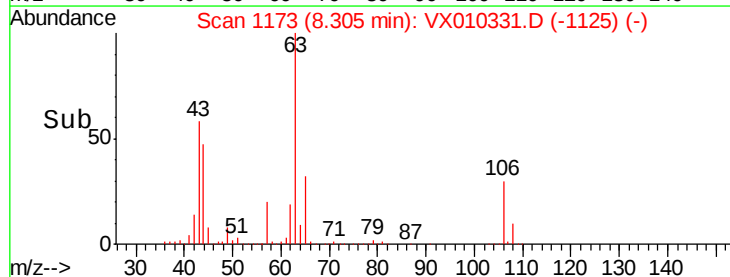
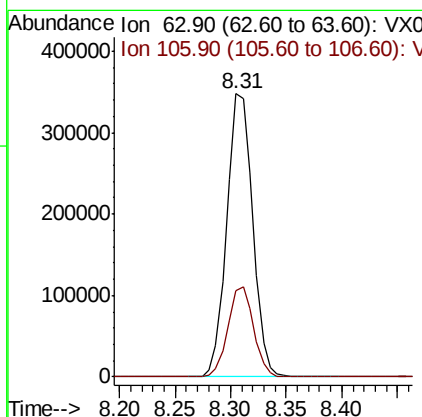
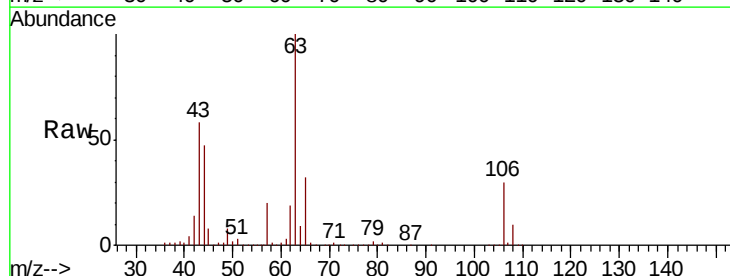
Instrument :
 MSVOA_X
 ClientSampleId :

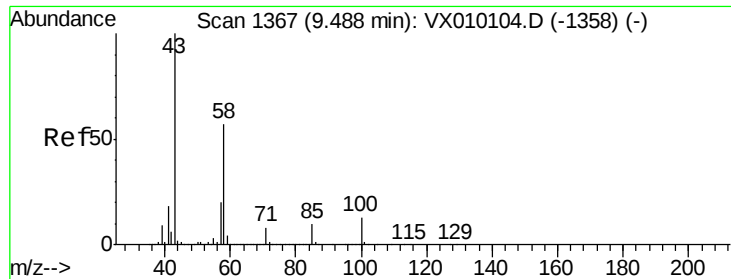
Tot Ion: 76 Resp: 235262
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 263.460 ug/l
 RT: 8.31 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: VX010331.D
 Acq: 17 Jun 2019 18:09

Tgt Ion: 63 Resp: 561835
 Ion Ratio Lower Upper
 63 100
 106 31.4 19.4 29.2#

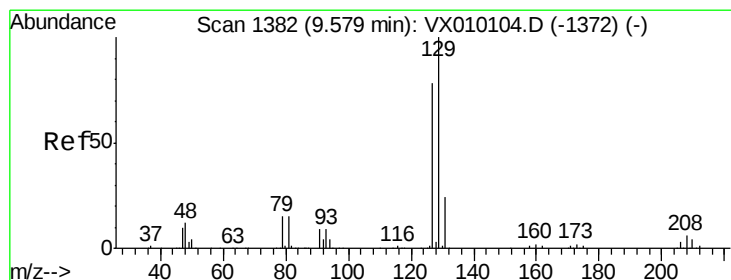
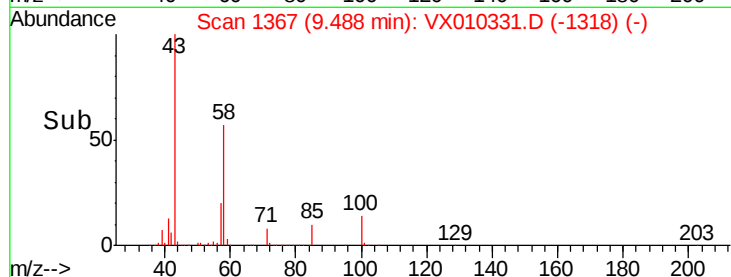
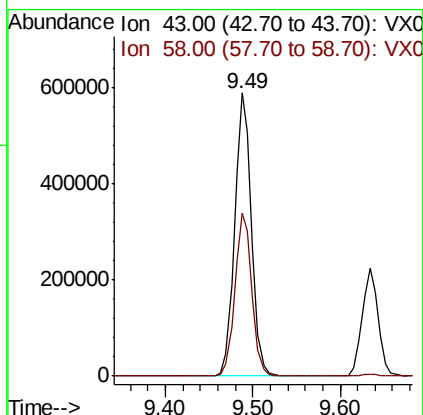
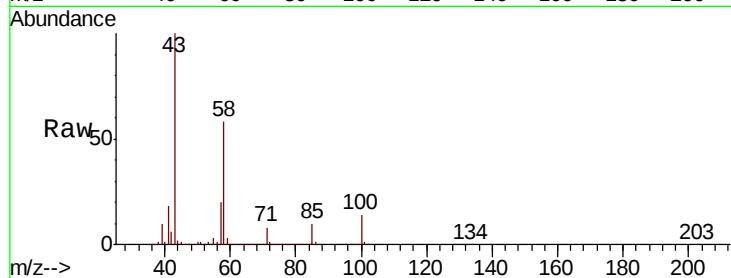




#59
2-Hexanone
Concen: 277.108 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010331.D
Acq: 17 Jun 2019 18:09

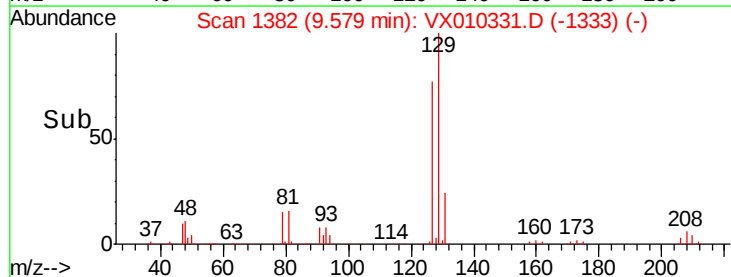
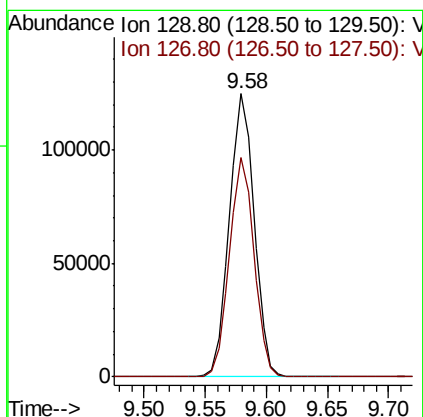
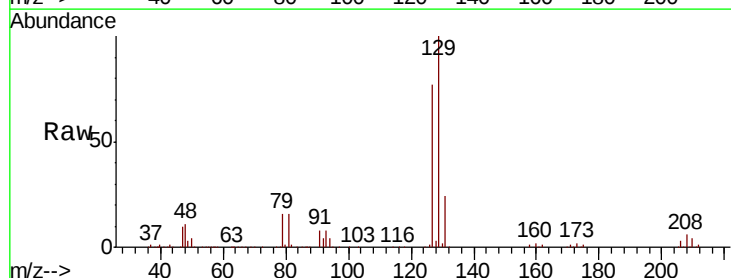
Instrument :
MSVOA_X
ClientSampleId :

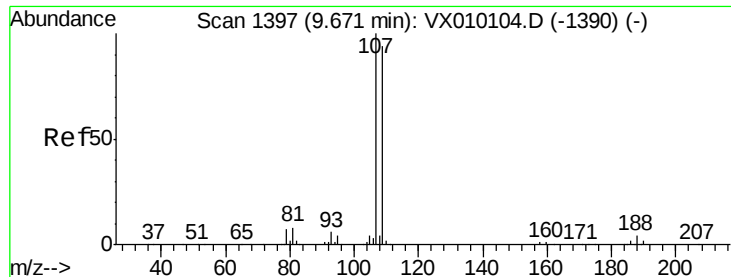
Tot Ion: 43 Resp: 789890
Ion Ratio Lower Upper
43 100
58 58.3 25.1 75.3



#60
Dibromochloromethane
Concen: 51.681 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010331.D
Acq: 17 Jun 2019 18:09

Tgt Ion: 129 Resp: 175055
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.5





#61

1,2-Dibromoethane

Concen: 51.923 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010331.D

Acq: 17 Jun 2019 18:09

Instrument :

MSVOA_X

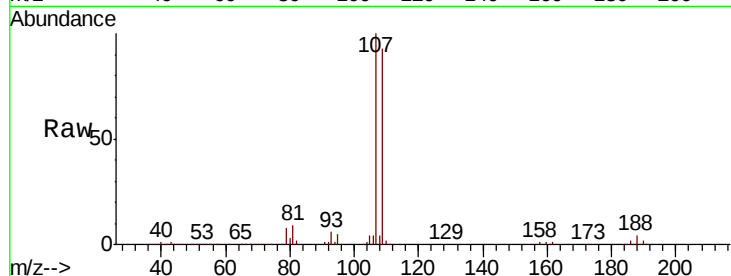
ClientSampled :

Tot Ion:107 Resp: 165602

Ion Ratio Lower Upper

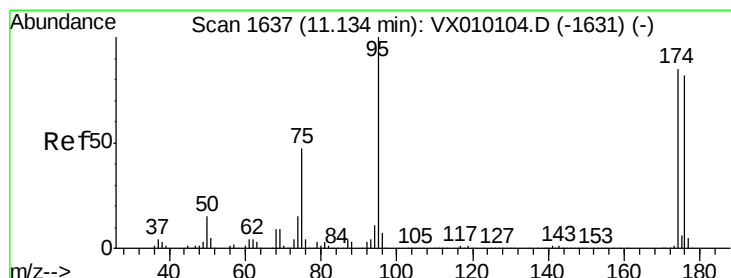
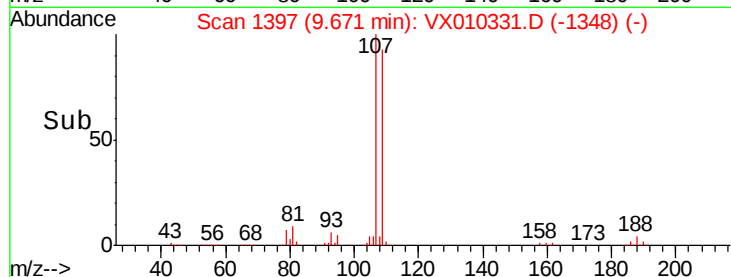
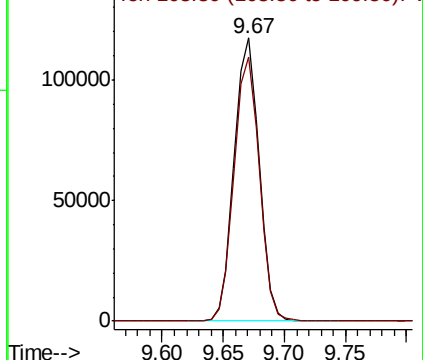
107 100

109 94.8 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.773 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010331.D

Acq: 17 Jun 2019 18:09

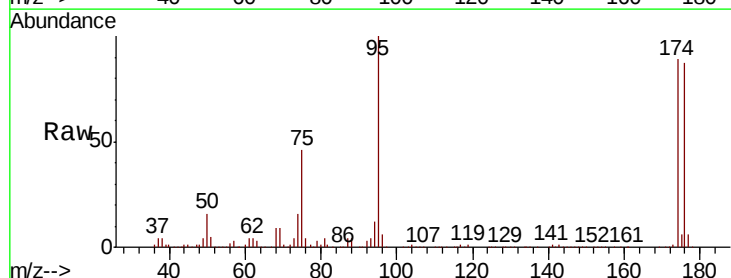
Tgt Ion: 95 Resp: 188469

Ion Ratio Lower Upper

95 100

174 91.7 0.0 160.4

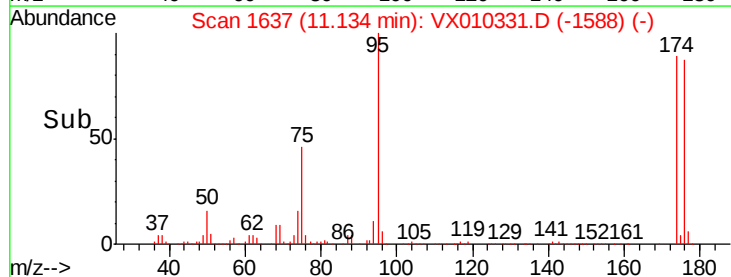
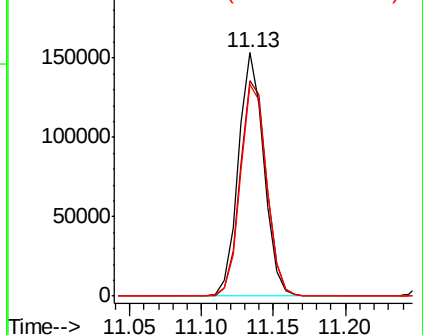
176 89.7 0.0 154.6

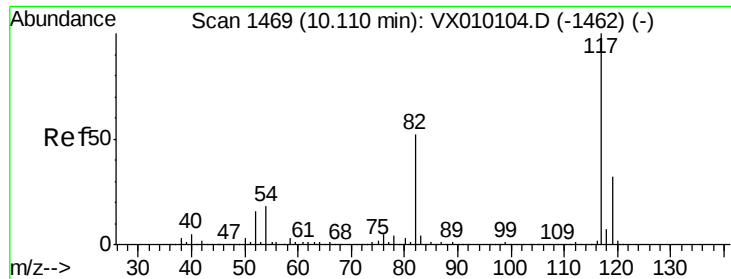


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

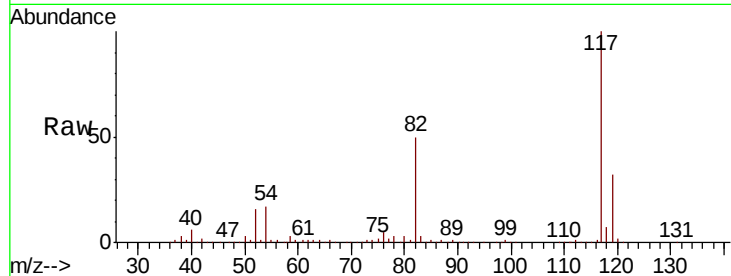




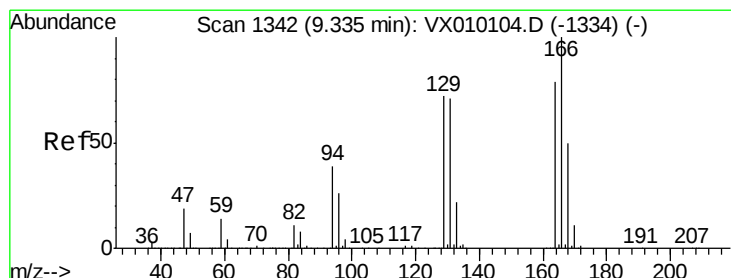
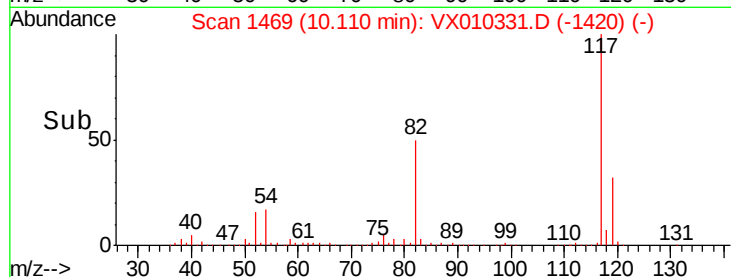
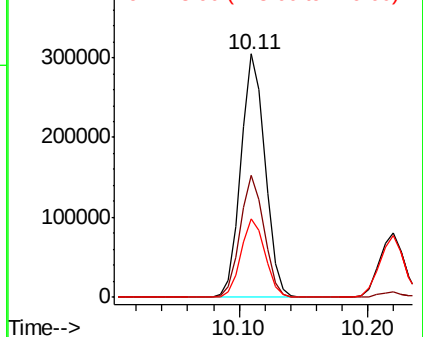
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010331.D
Acq: 17 Jun 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 396050
Ion Ratio Lower Upper
117 100
82 50.3 49.2 73.8
119 32.1 25.2 37.8



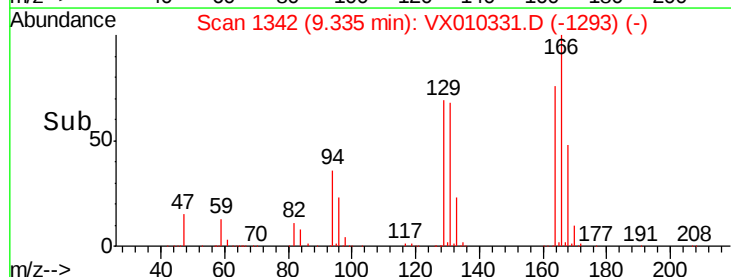
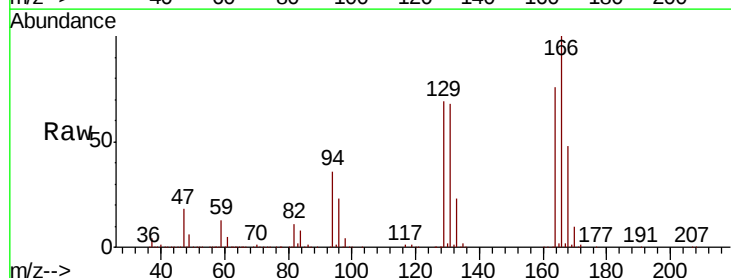
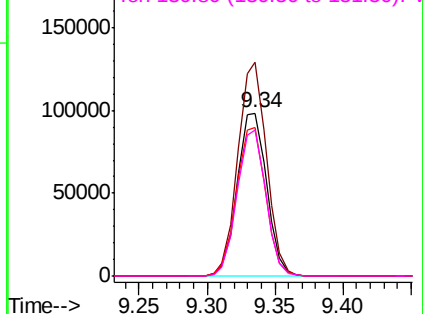
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

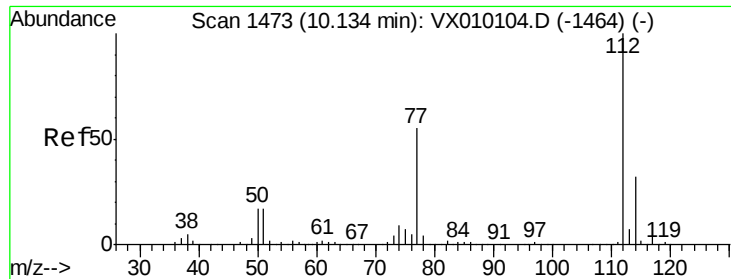


#64
Tetrachloroethene
Concen: 50.391 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010331.D
Acq: 17 Jun 2019 18:09

Tgt Ion:164 Resp: 148228
Ion Ratio Lower Upper
164 100
166 131.0 105.0 157.4
129 91.0 75.1 112.7
131 89.4 72.2 108.4

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

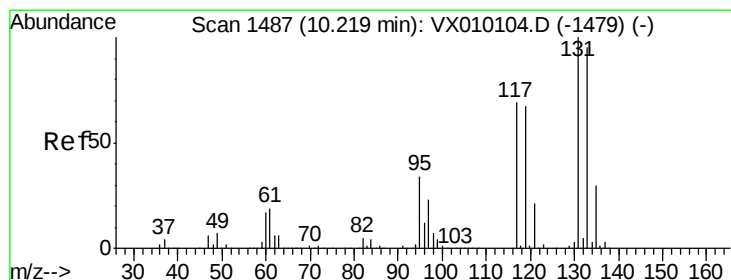
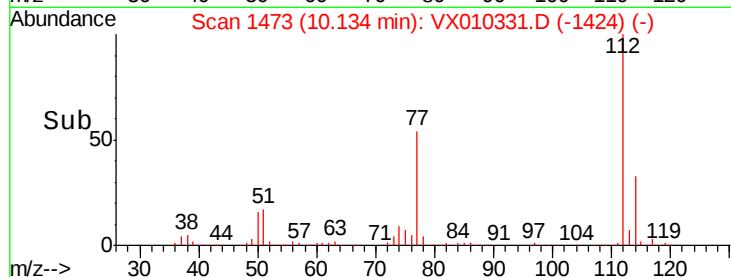
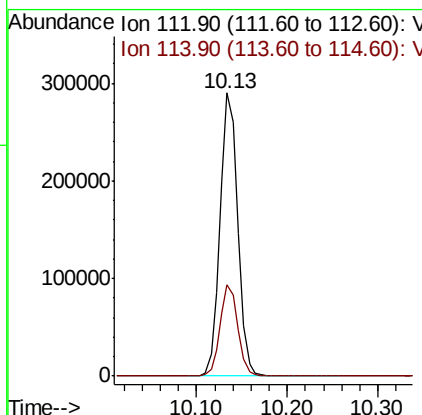
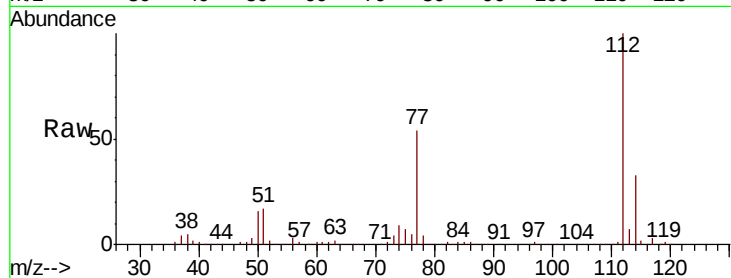




#65
Chlorobenzene
Concen: 48.405 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010331.D
Acq: 17 Jun 2019 18:09

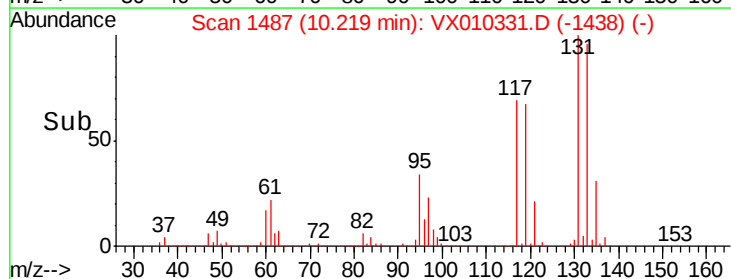
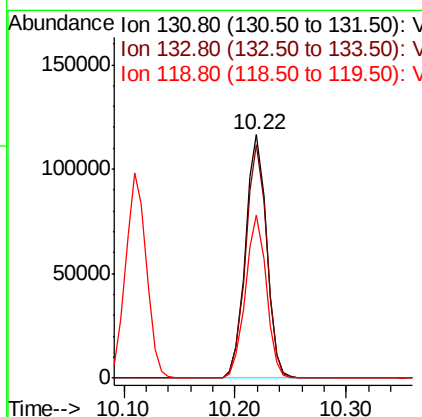
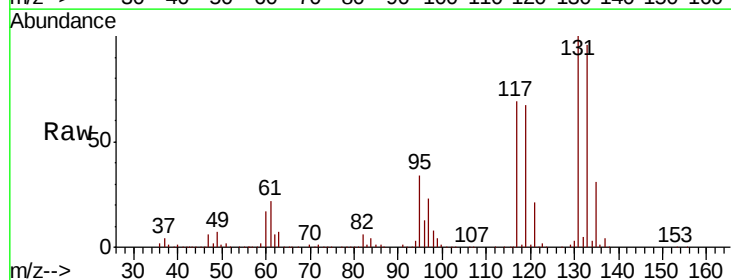
Instrument :
MSVOA_X
ClientSampleId :

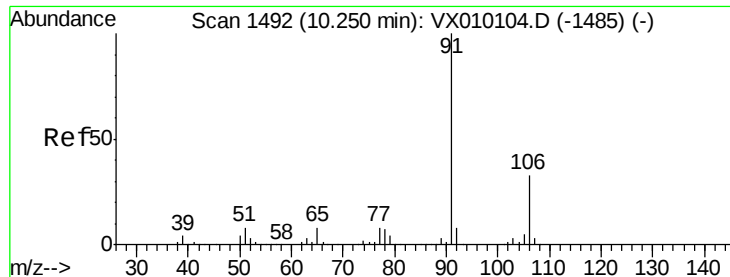
Tot Ion:112 Resp: 395667
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 48.793 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010331.D
Acq: 17 Jun 2019 18:09

Tgt Ion:131 Resp: 153379
Ion Ratio Lower Upper
131 100
133 96.1 47.5 142.6
119 66.4 33.4 100.1

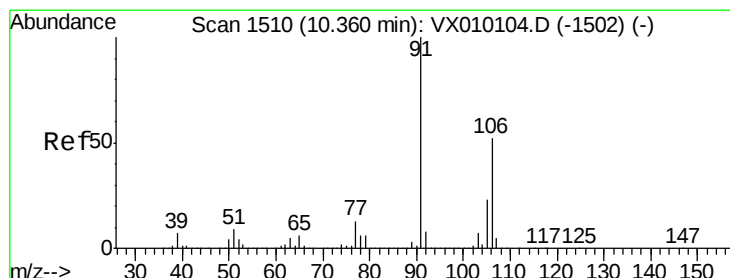
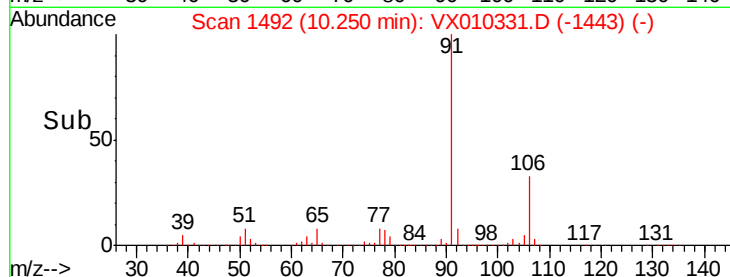
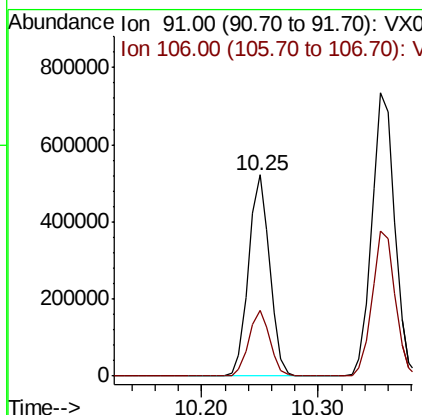
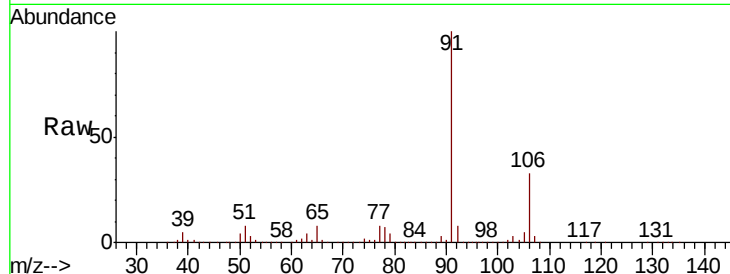




#67
Ethyl Benzene
Concen: 47.705 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010331.D
Acq: 17 Jun 2019 18:09

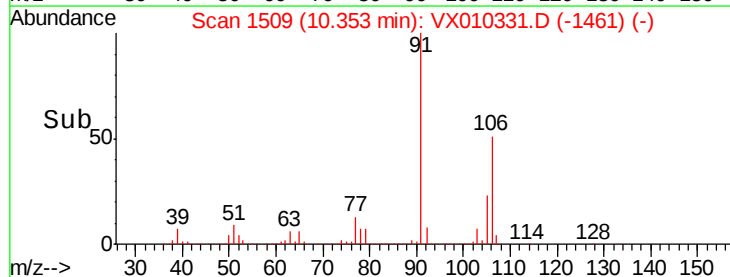
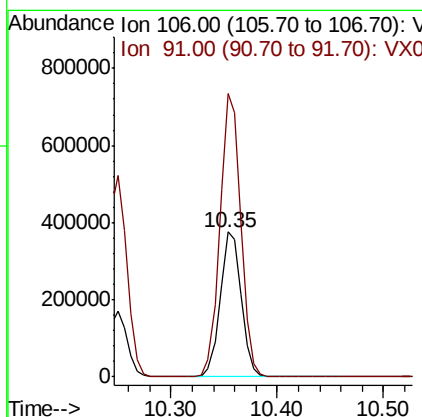
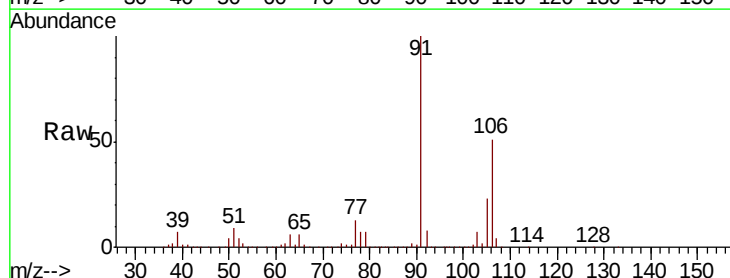
Instrument :
MSVOA_X
ClientSampleId :

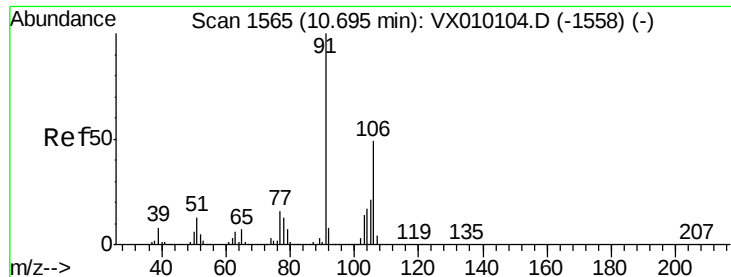
Tot Ion: 91 Resp: 663824
Ion Ratio Lower Upper
91 100
106 32.7 23.9 35.9



#68
m/p-Xylenes
Concen: 95.656 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010331.D
Acq: 17 Jun 2019 18:09

Tgt Ion: 106 Resp: 515085
Ion Ratio Lower Upper
106 100
91 194.5 167.3 250.9

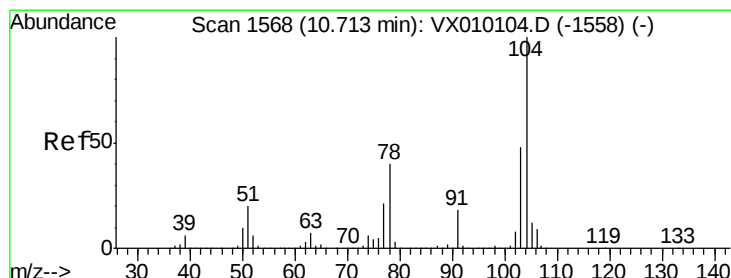
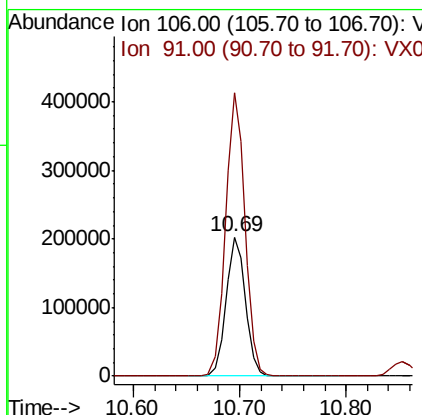
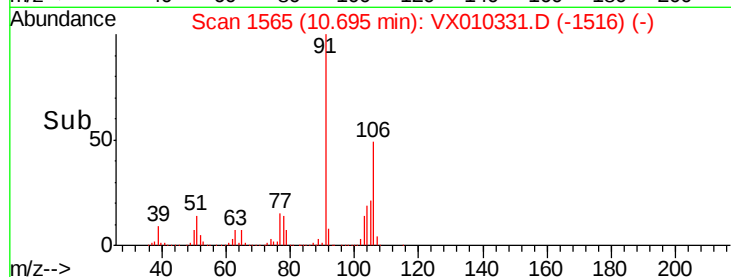
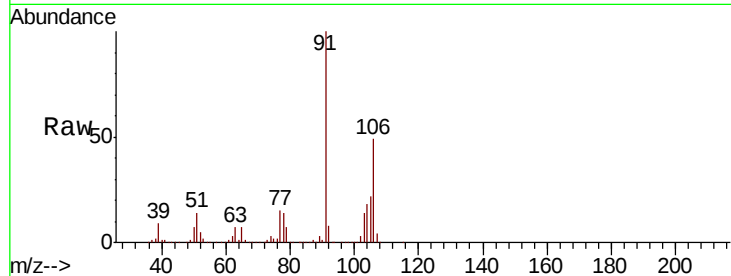




#69
o-Xylene
Concen: 47.923 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010331.D
Acq: 17 Jun 2019 18:09

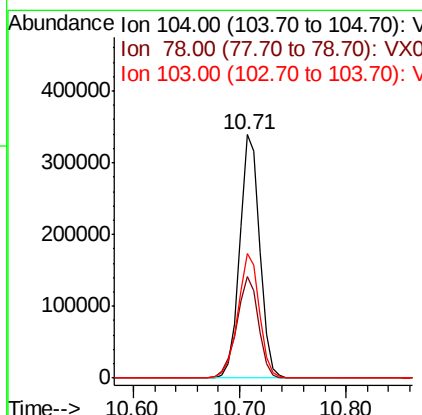
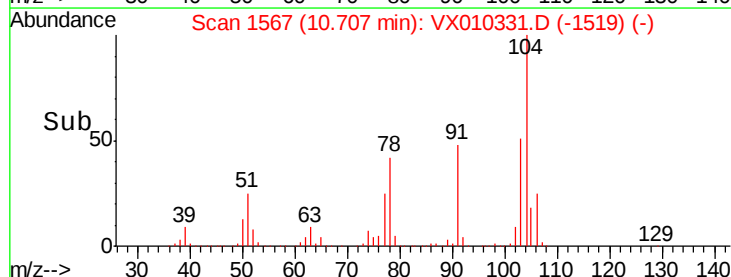
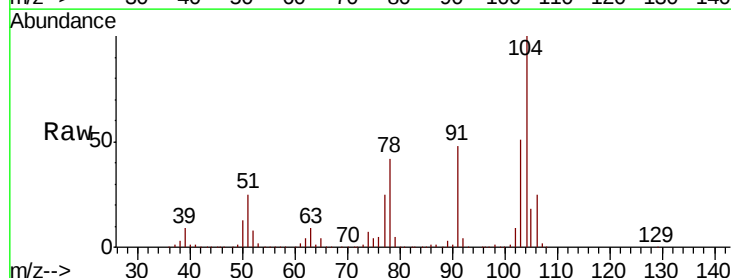
Instrument :
MSVOA_X
ClientSampled :

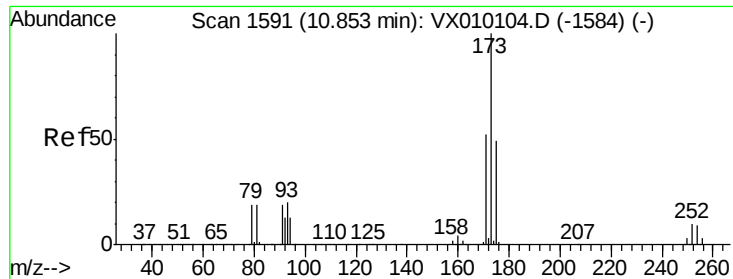
Tot Ion:106 Resp: 256520
Ion Ratio Lower Upper
106 100
91 204.2 110.4 331.2



#70
Styrene
Concen: 49.579 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010331.D
Acq: 17 Jun 2019 18:09

Tgt Ion:104 Resp: 449470
Ion Ratio Lower Upper
104 100
78 45.5 42.1 63.1
103 54.9 44.1 66.1





#71

Bromoform

Concen: 50.261 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010331.D

Acq: 17 Jun 2019 18:09

Instrument :

MSVOA_X

ClientSampled :

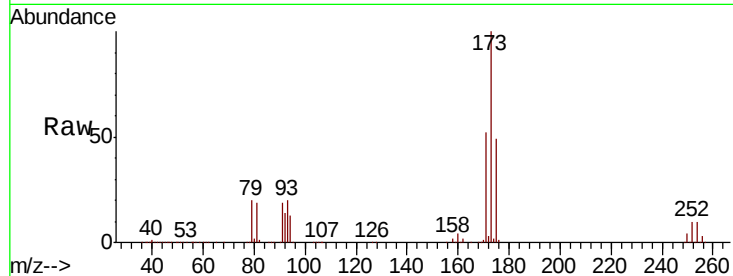
Tot Ion:173 Resp: 145244

Ion Ratio Lower Upper

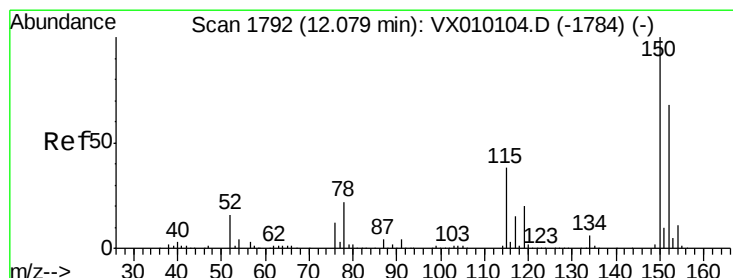
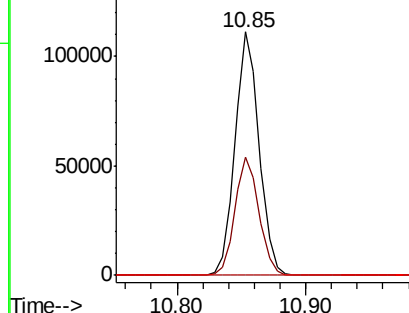
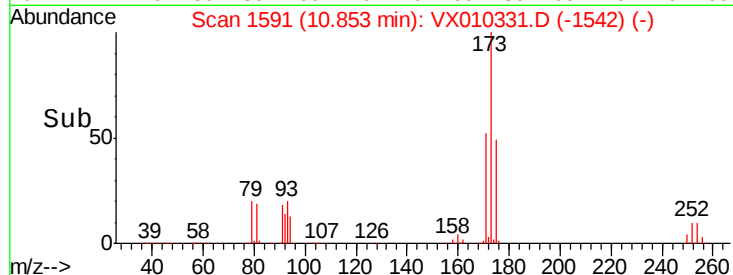
173 100

175 48.5 25.0 75.0

254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V
150000 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: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010331.D

Acq: 17 Jun 2019 18:09

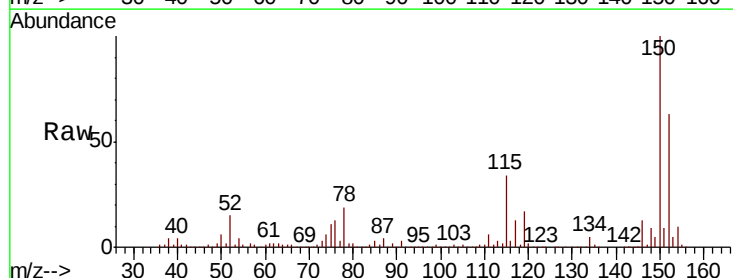
Tgt Ion:152 Resp: 208312

Ion Ratio Lower Upper

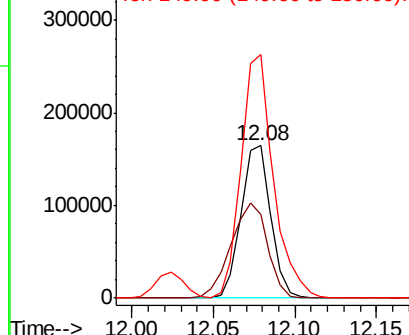
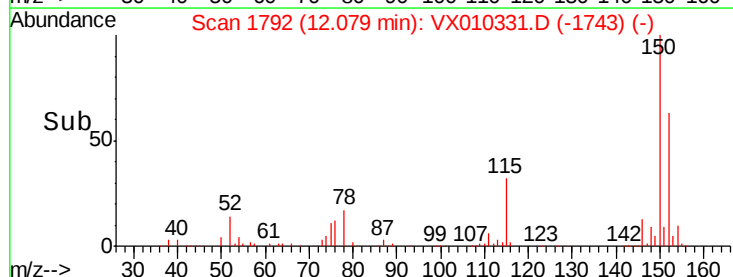
152 100

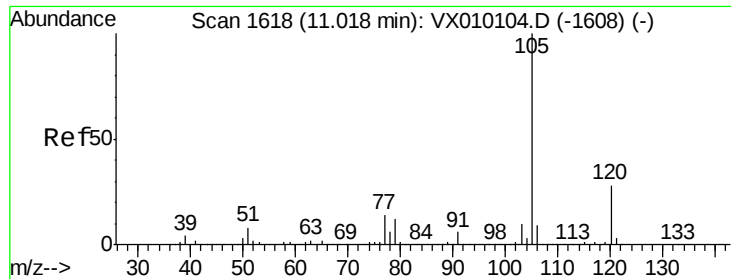
115 76.7 41.4 124.2

150 174.1 0.0 345.2



Abundance Ion 151.90 (151.60 to 152.60): V
300000 Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.664 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010331.D

Acq: 17 Jun 2019 18:09

Instrument :

MSVOA_X

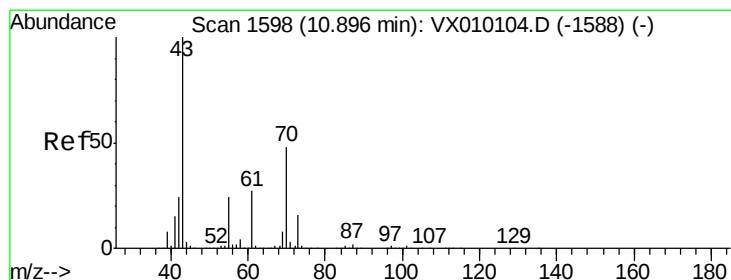
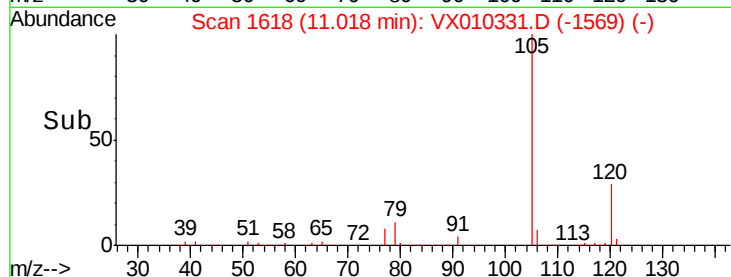
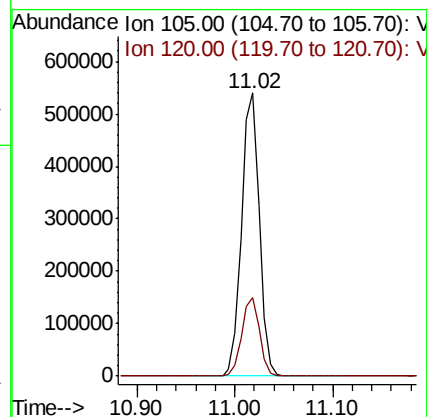
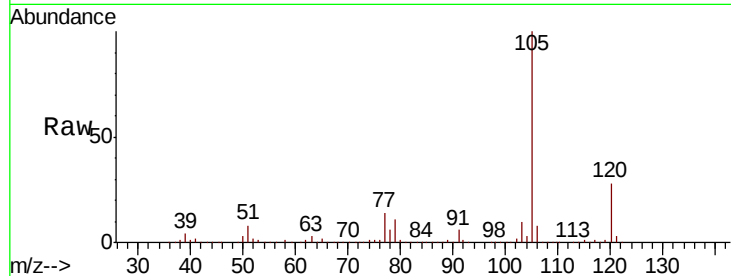
ClientSampleId :

Tot Ion:105 Resp: 678566

Ion Ratio Lower Upper

105 100

120 27.7 12.8 38.4



#74

N-ethyl acetate

Concen: 49.640 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010331.D

Acq: 17 Jun 2019 18:09

Tgt Ion: 43 Resp: 285346

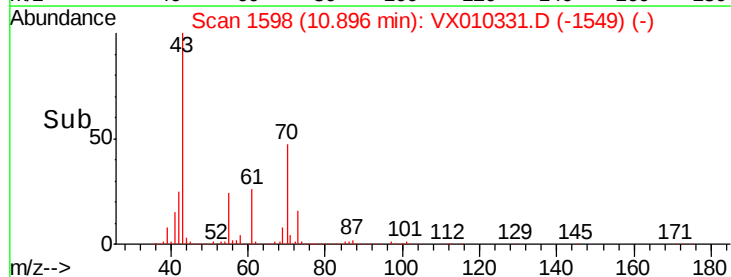
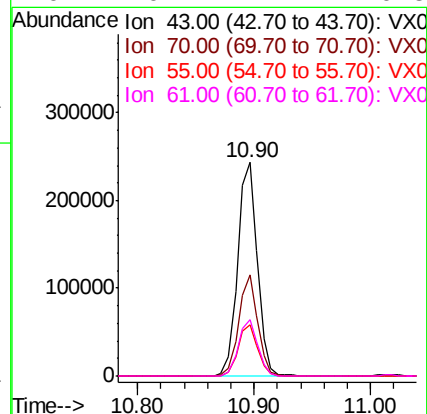
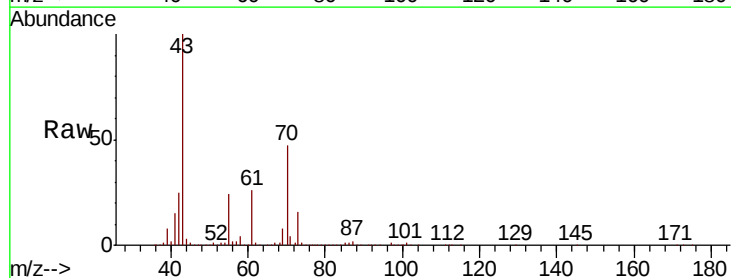
Ion Ratio Lower Upper

43 100

70 45.5 28.6 43.0#

55 23.9 17.8 26.8

61 26.2 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 49.151 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010331.D

Acq: 17 Jun 2019 18:09

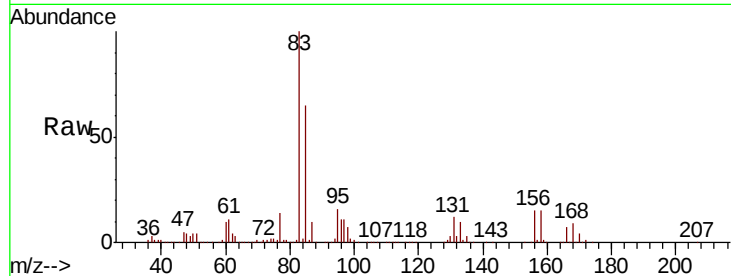
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 83 Resp: 244660

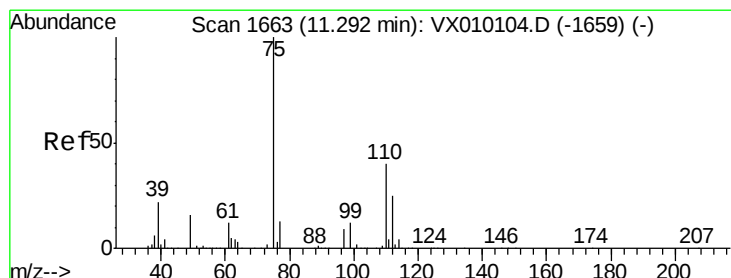
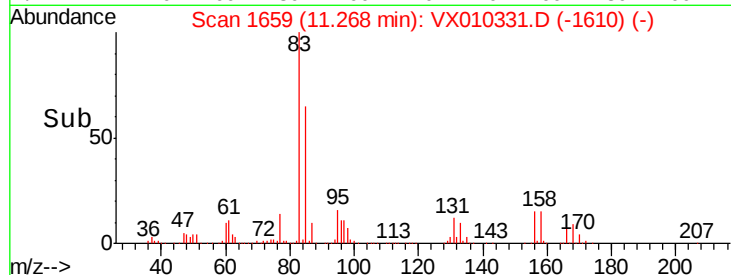
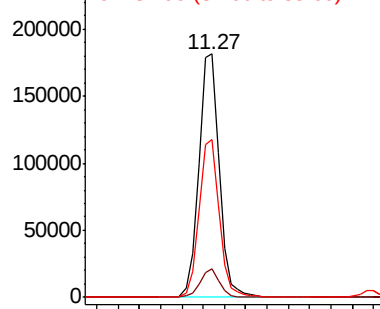
Ion	Ratio	Lower	Upper
83	100		
131	10.8	4.7	14.1
85	64.4	31.9	95.9



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: 66.885 ug/l

RT: 11.29 min Scan# 1663

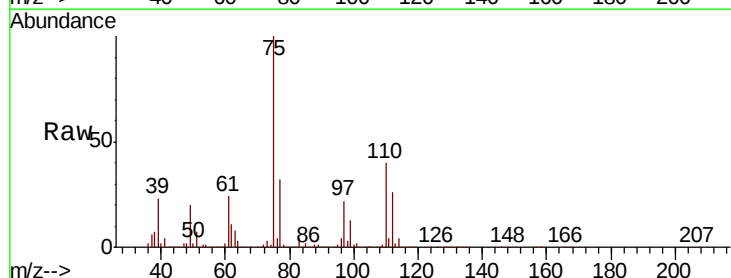
Delta R.T. -0.00 min

Lab File: VX010331.D

Acq: 17 Jun 2019 18:09

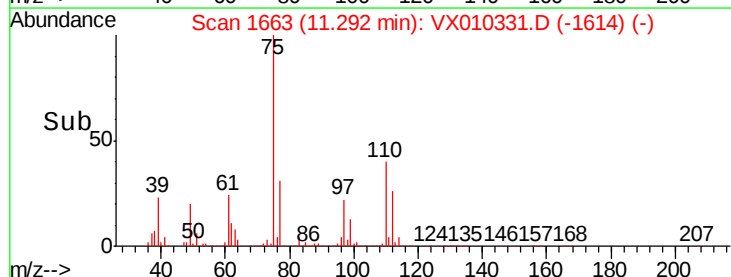
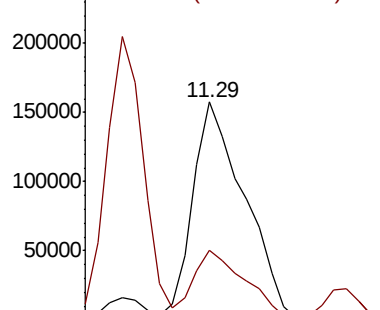
Tgt Ion: 75 Resp: 278684

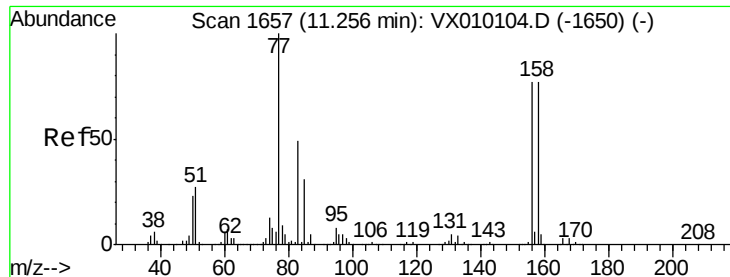
Ion	Ratio	Lower	Upper
75	100		
77	32.1	22.1	66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.016 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX010331.D

Acq: 17 Jun 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

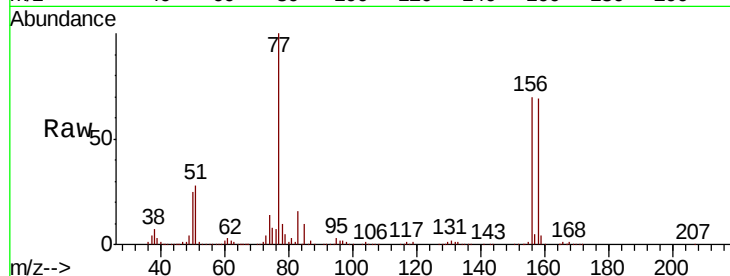
Tot Ion:156 Resp: 192009

Ion Ratio Lower Upper

156 100

77 134.6 86.8 260.3

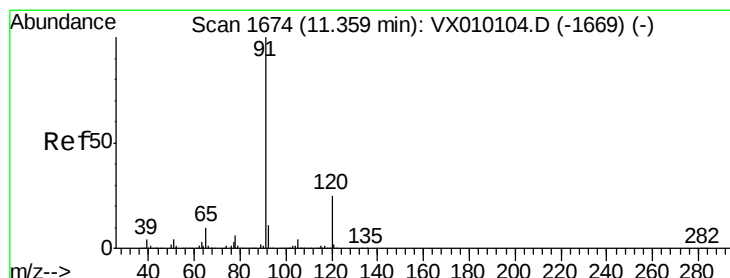
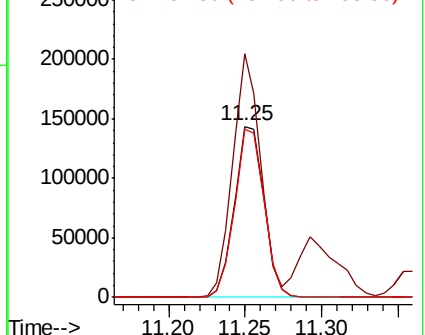
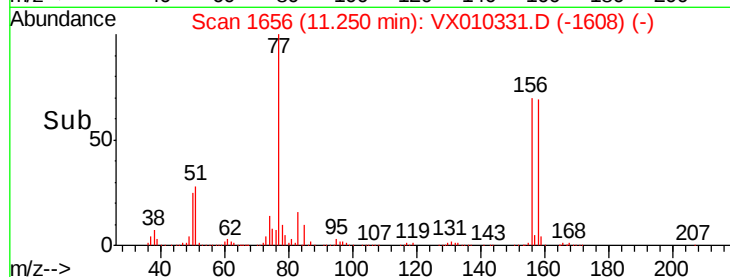
158 98.1 49.6 148.8



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: 46.878 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010331.D

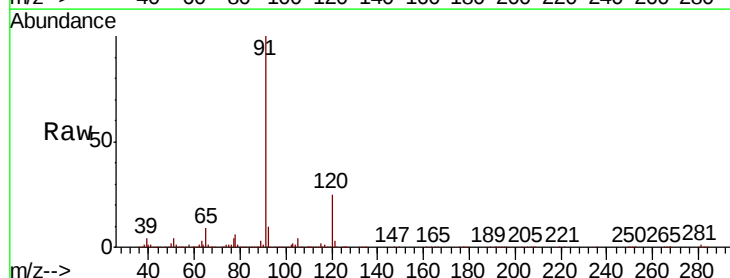
Acq: 17 Jun 2019 18:09

Tgt Ion: 91 Resp: 758903

Ion Ratio Lower Upper

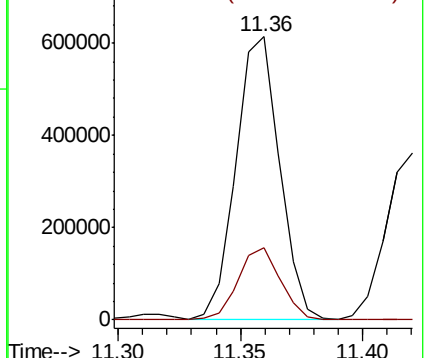
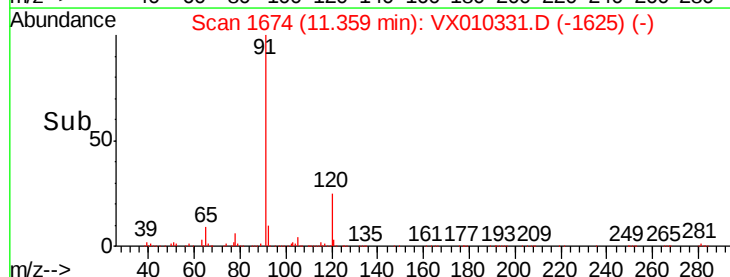
91 100

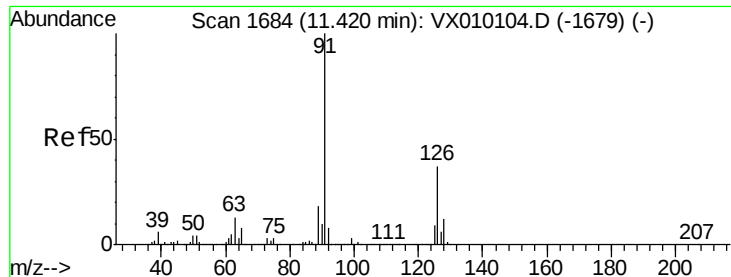
120 25.1 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.875 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010331.D

Acq: 17 Jun 2019 18:09

Instrument :

MSVOA_X

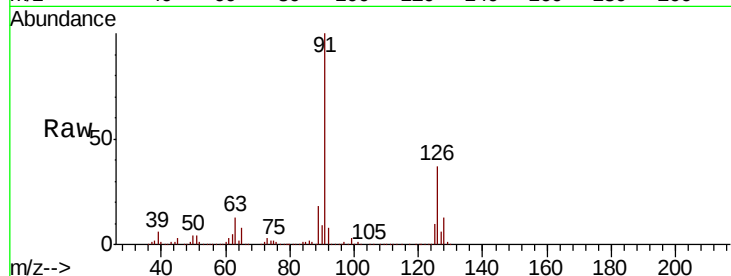
ClientSampleId :

Tot Ion: 91 Resp: 446044

Ion Ratio Lower Upper

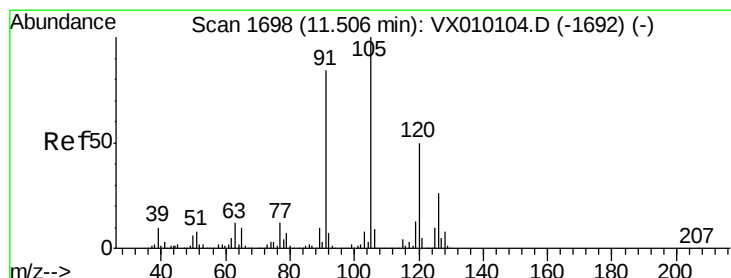
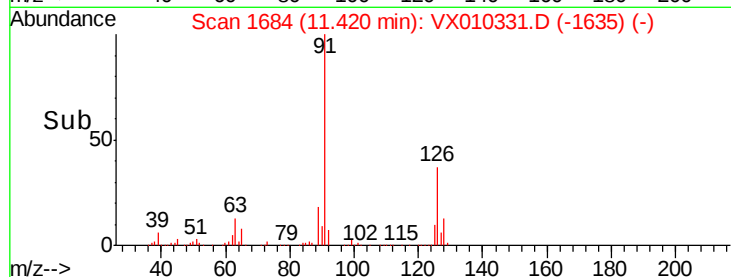
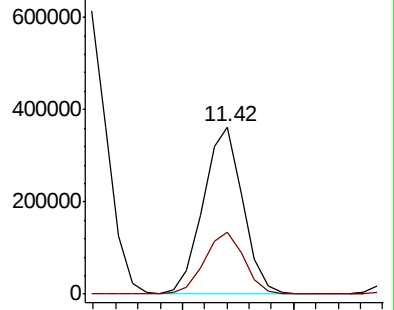
91 100

126 37.2 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VX010104.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX010104.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 47.000 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010331.D

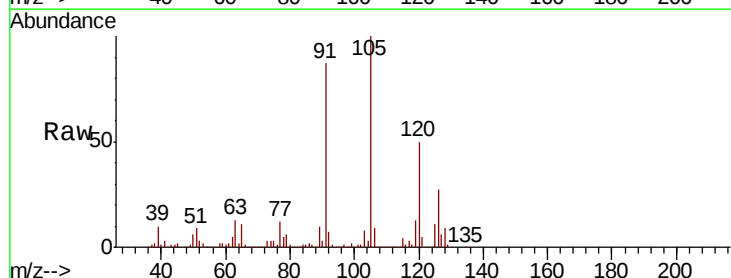
Acq: 17 Jun 2019 18:09

Tgt Ion: 105 Resp: 575655

Ion Ratio Lower Upper

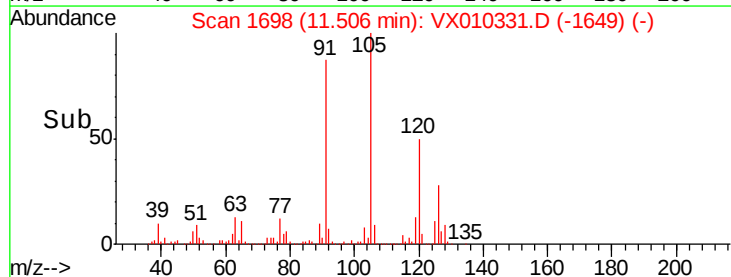
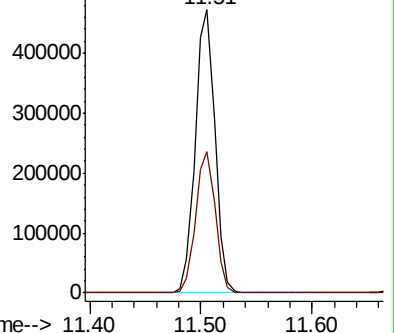
105 100

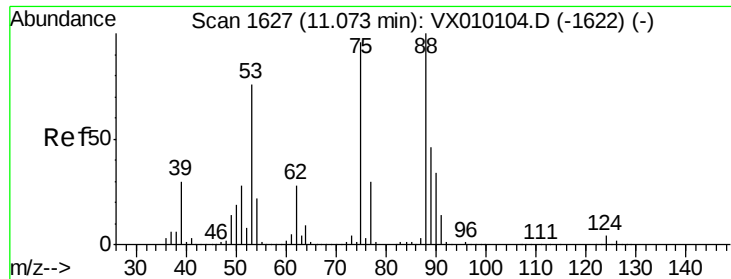
120 50.0 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX010104.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX010104.D (-1692) (-)

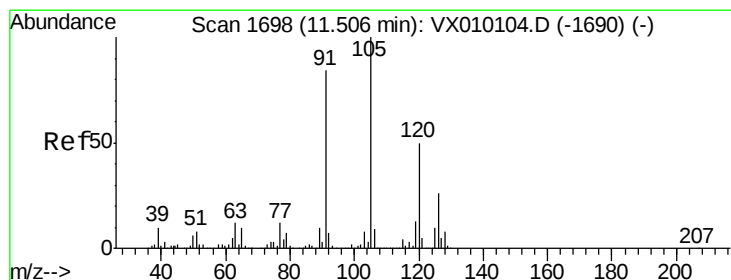
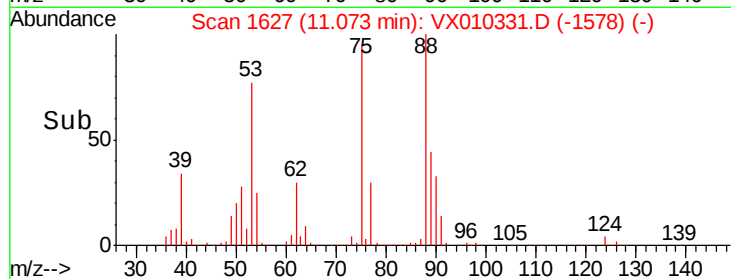
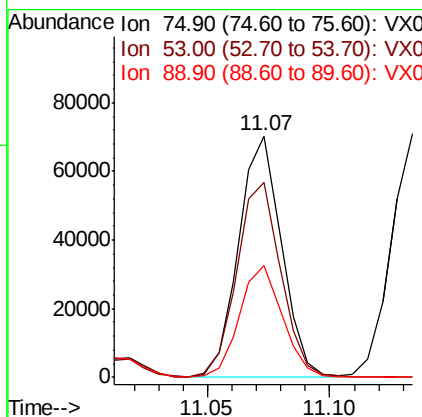
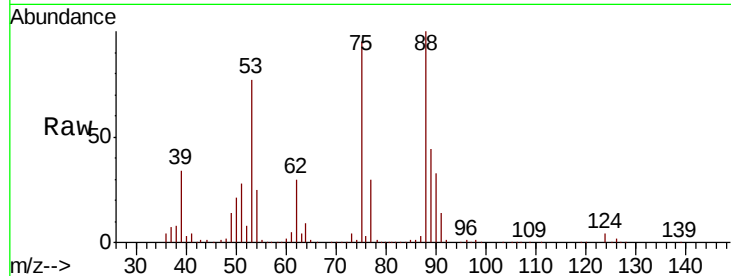




#81
trans-1,4-Dichloro-2-butene
Concen: 45.154 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX010331.D
Acq: 17 Jun 2019 18:09

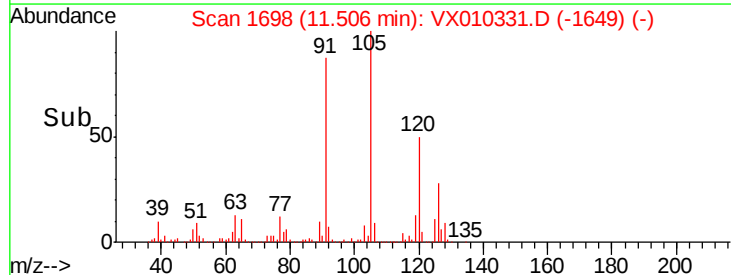
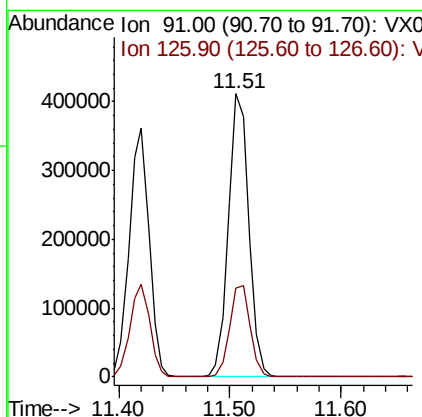
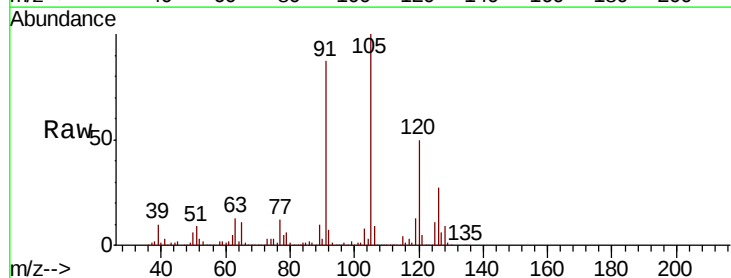
Instrument :
MSVOA_X
ClientSampleId :

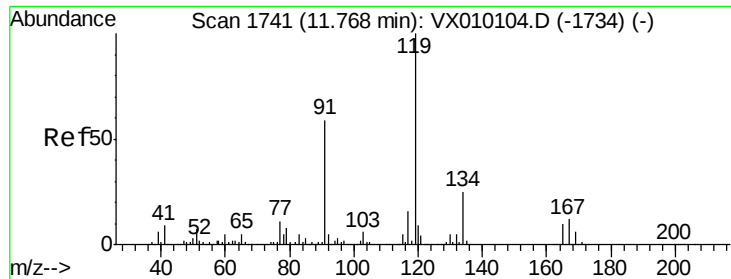
Tot Ion: 75 Resp: 85153
Ion Ratio Lower Upper
75 100
53 83.2 79.8 119.6
89 47.0 34.2 51.4



#82
4-Chlorotoluene
Concen: 47.206 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX010331.D
Acq: 17 Jun 2019 18:09

Tgt Ion: 91 Resp: 521393
Ion Ratio Lower Upper
91 100
126 32.8 14.2 42.6

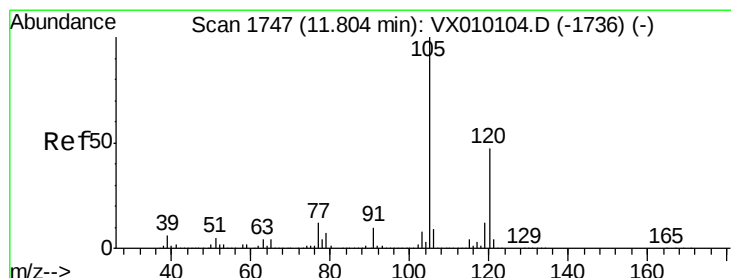
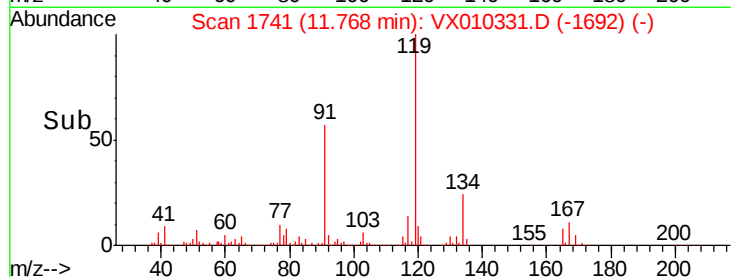
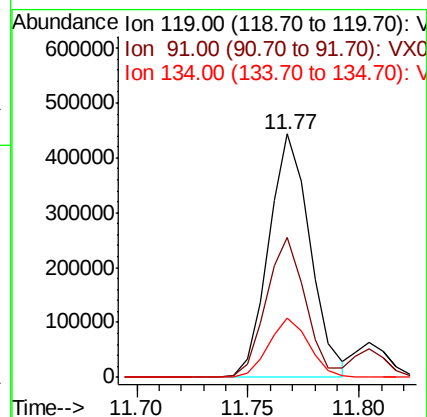
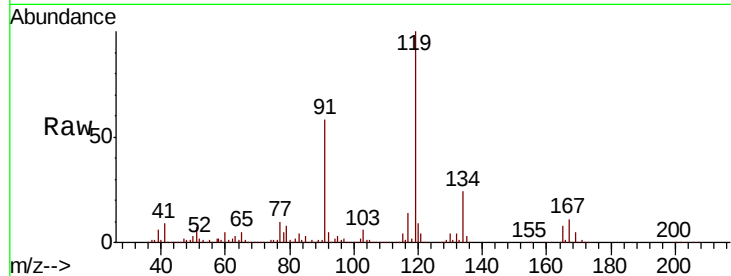




#83
 tert-Butylbenzene
 Concen: 46.372 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX010331.D
 Acq: 17 Jun 2019 18:09

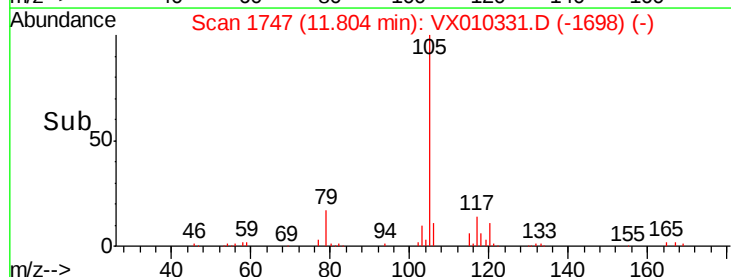
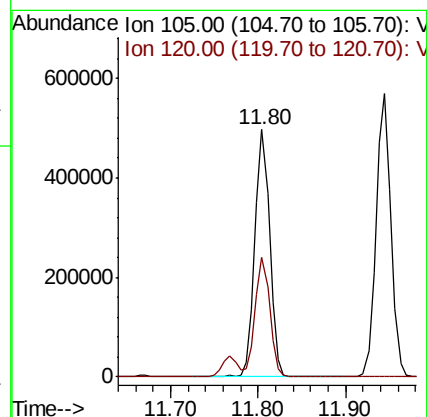
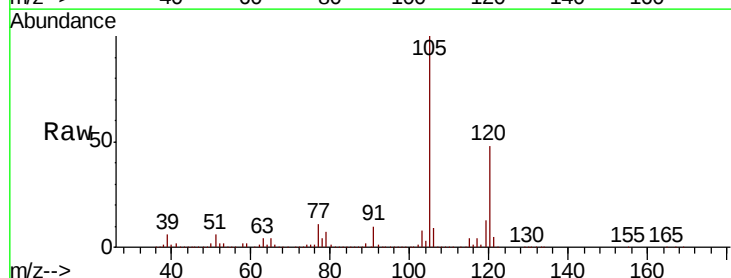
Instrument :
 MSVOA_X
 ClientSampled :

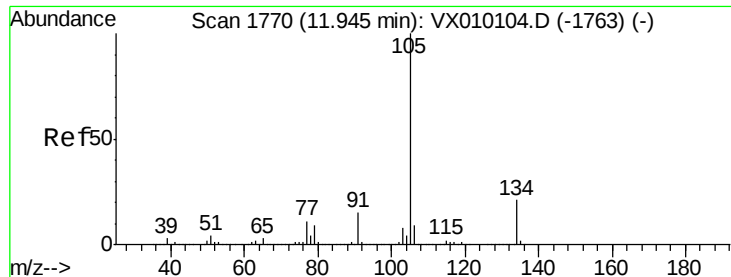
Tot Ion:119 Resp: 574853
 Ion Ratio Lower Upper
 119 100
 91 55.0 30.0 90.0
 134 23.4 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 46.876 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010331.D
 Acq: 17 Jun 2019 18:09

Tgt Ion:105 Resp: 579922
 Ion Ratio Lower Upper
 105 100
 120 47.7 22.1 66.1





#85

sec-Butylbenzene

Concen: 47.064 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010331.D

Acq: 17 Jun 2019 18:09

Instrument :

MSVOA_X

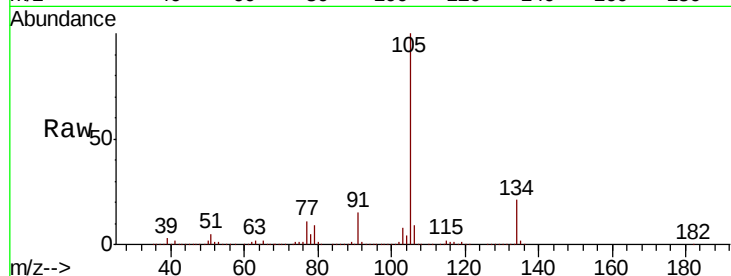
ClientSampleId :

Tot Ion:105 Resp: 679721

Ion Ratio Lower Upper

105 100

134 21.1 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

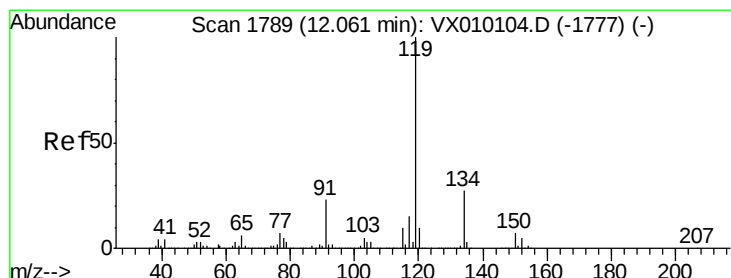
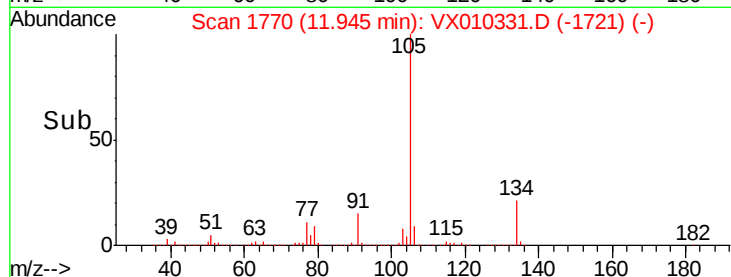
600000

400000

200000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 47.750 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010331.D

Acq: 17 Jun 2019 18:09

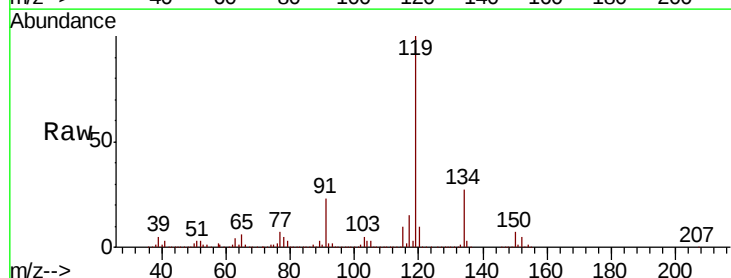
Tgt Ion:119 Resp: 630449

Ion Ratio Lower Upper

119 100

134 27.7 12.9 38.6

91 22.3 11.9 35.9



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

12.06

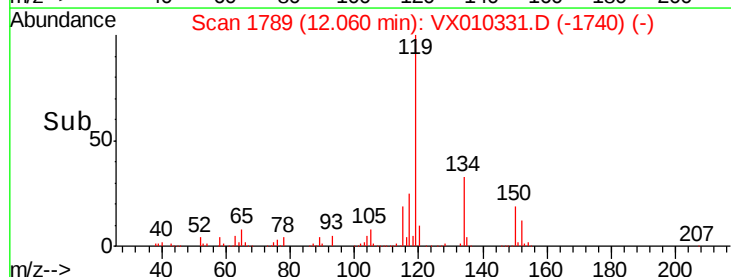
600000

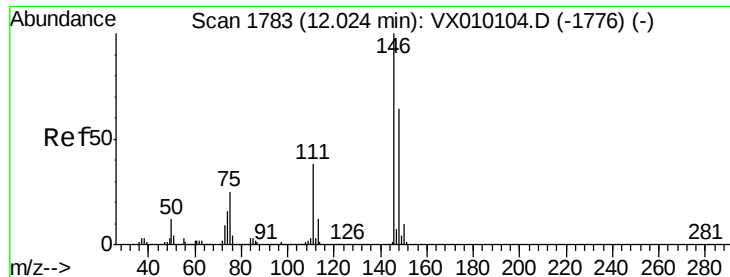
400000

200000

0

Time--> 12.00 12.10

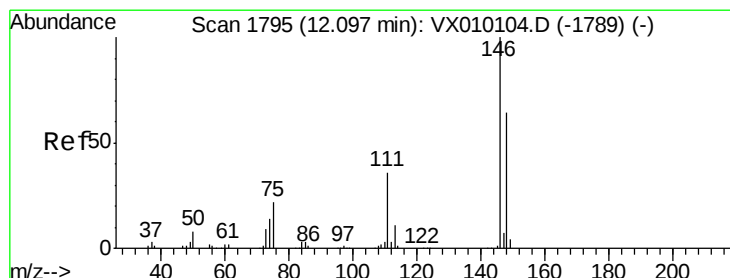
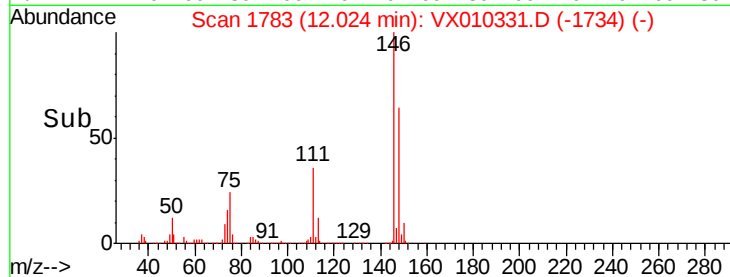
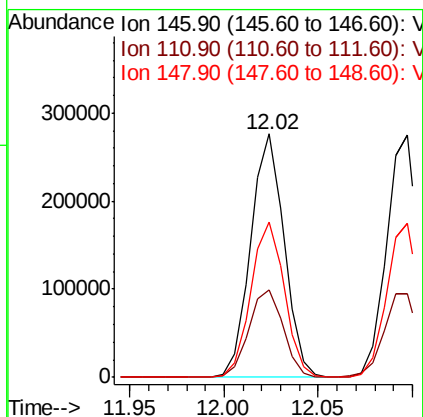
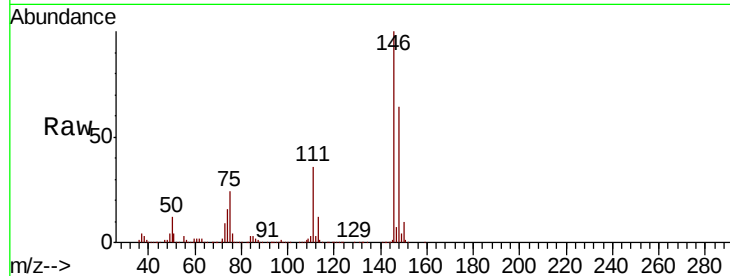




#87
 1,3-Dichlorobenzene
 Concen: 48.368 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010331.D
 Acq: 17 Jun 2019 18:09

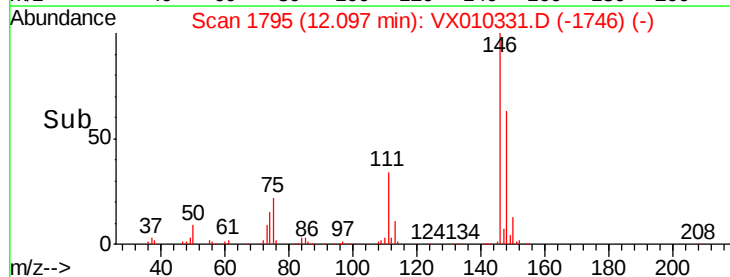
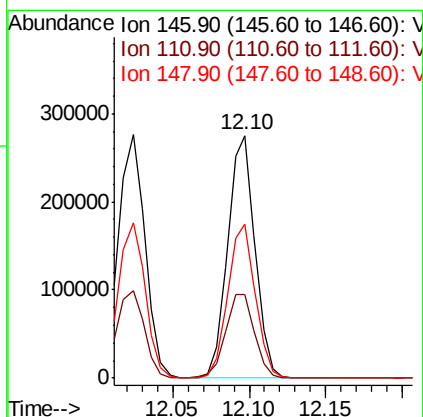
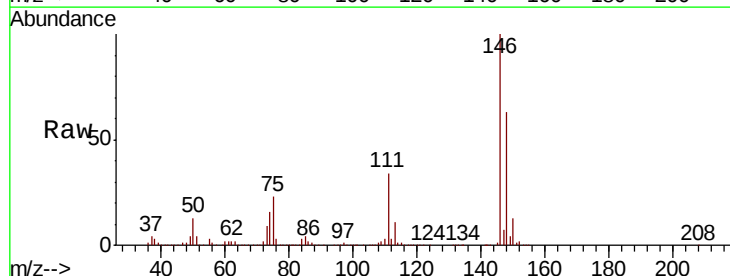
Instrument :
 MSVOA_X
 ClientSampleId :

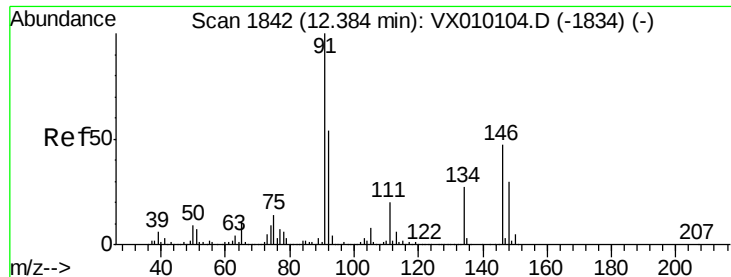
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	20.1	60.2
148	63.9	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 47.534 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010331.D
 Acq: 17 Jun 2019 18:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	20.0	59.9
148	64.5	32.3	96.9

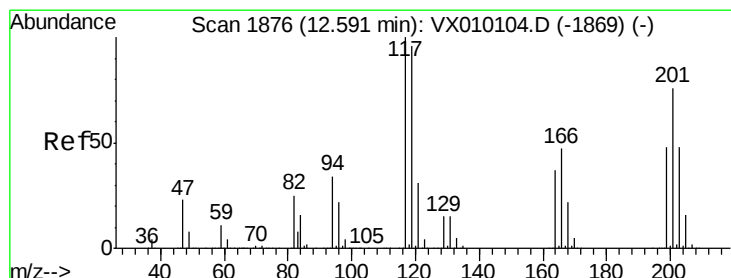
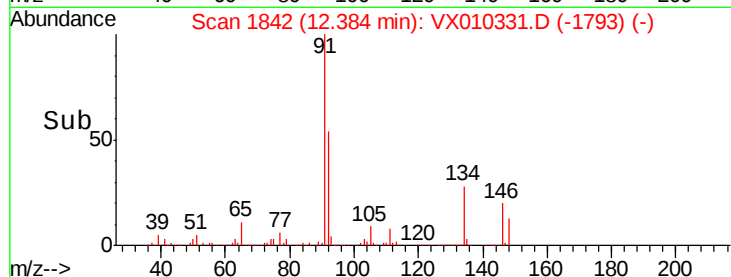
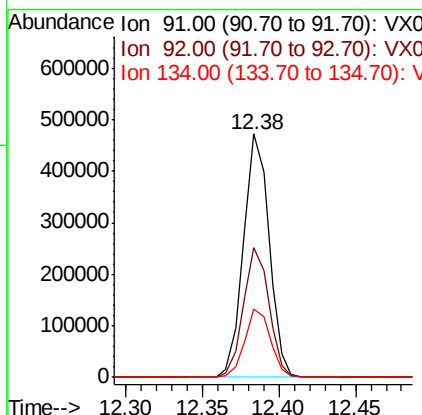
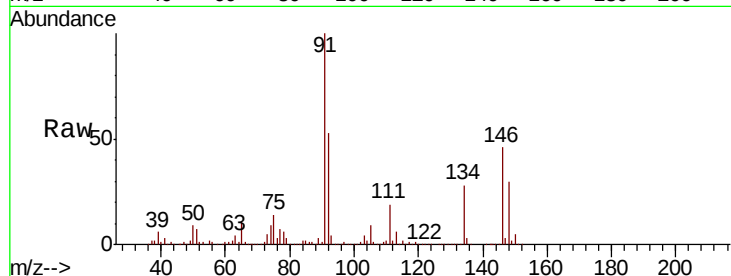




#89
n-Butylbenzene
Concen: 48.410 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010331.D
Acq: 17 Jun 2019 18:09

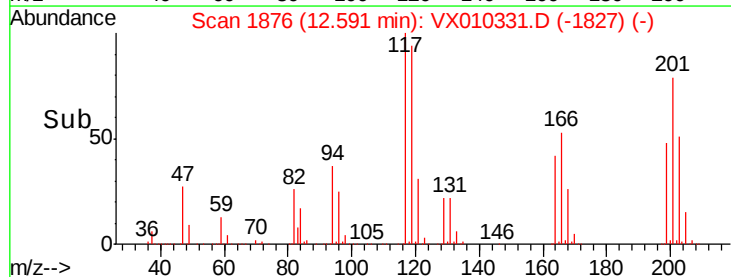
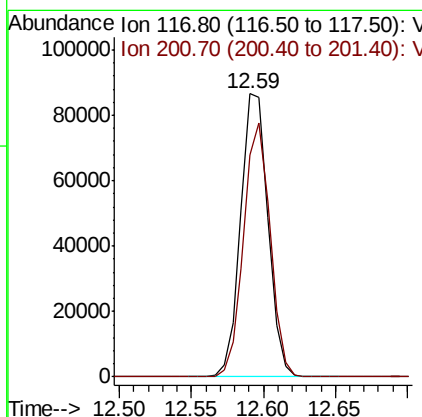
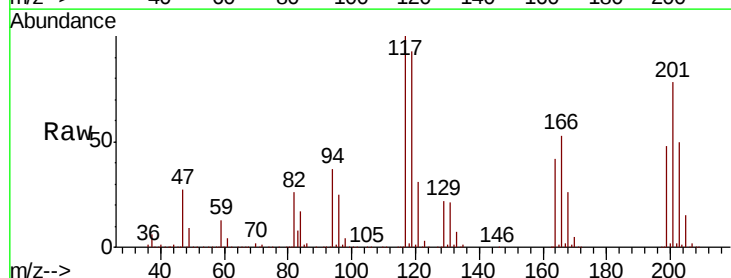
Instrument :
MSVOA_X
ClientSampleId :

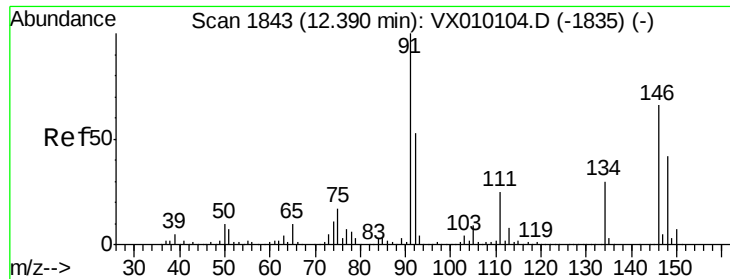
Tot Ion: 91 Resp: 550178
Ion Ratio Lower Upper
91 100
92 53.1 26.3 78.8
134 28.2 12.3 36.8



#90
Hexachloroethane
Concen: 43.524 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX010331.D
Acq: 17 Jun 2019 18:09

Tgt Ion: 117 Resp: 114472
Ion Ratio Lower Upper
117 100
201 86.5 43.6 130.9

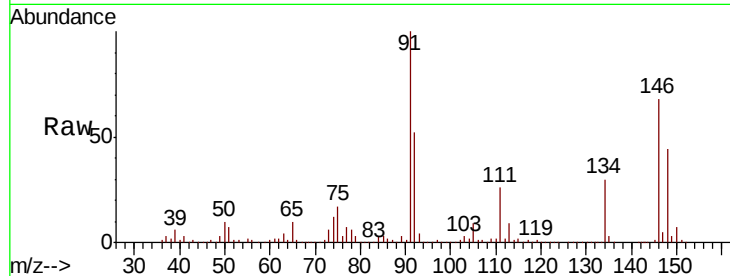




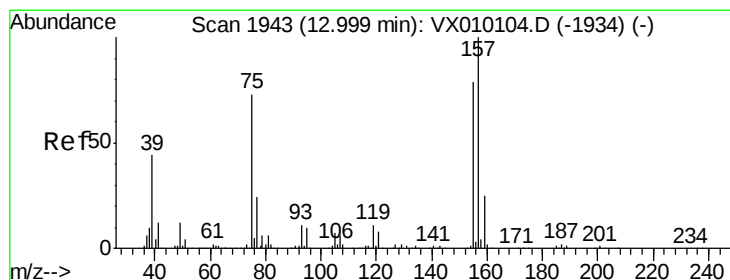
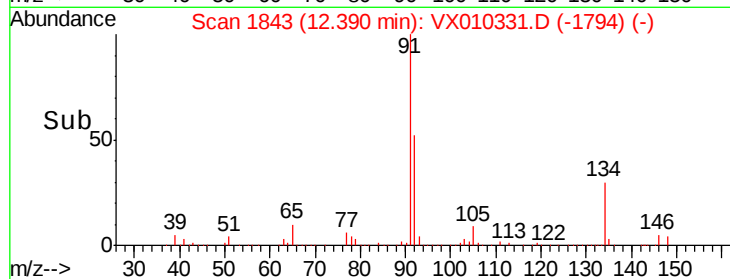
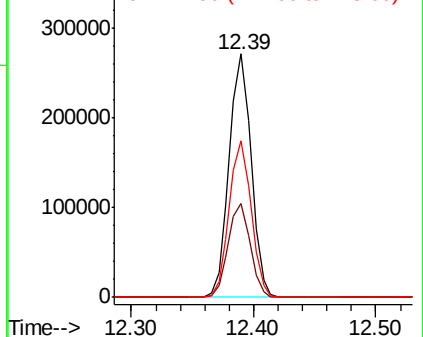
#91
 1,2-Dichlorobenzene
 Concen: 49.265 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010331.D
 Acq: 17 Jun 2019 18:09

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 337355
 Ion Ratio Lower Upper
 146 100
 111 38.6 21.1 63.1
 148 64.2 32.3 96.8

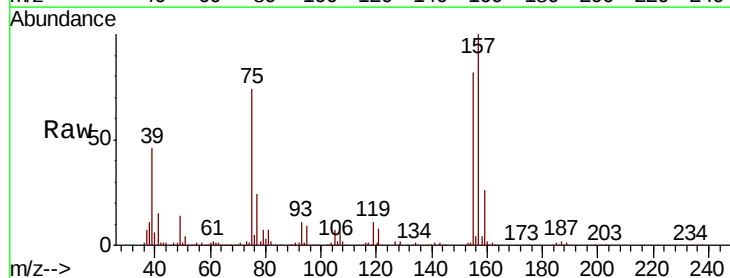


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

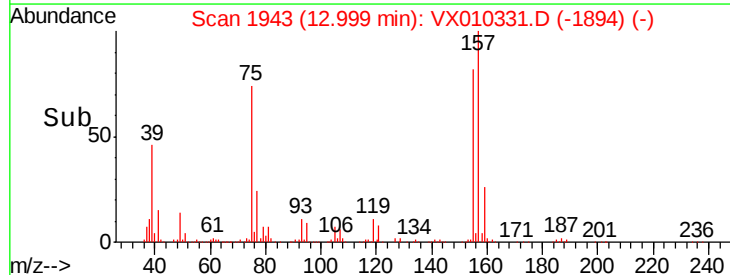
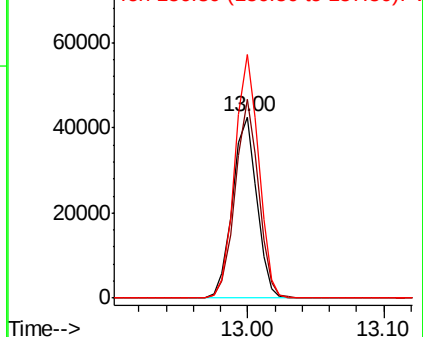


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.126 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010331.D
 Acq: 17 Jun 2019 18:09

Tgt Ion: 75 Resp: 52858
 Ion Ratio Lower Upper
 75 100
 155 105.0 39.3 117.8
 157 132.3 50.6 151.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

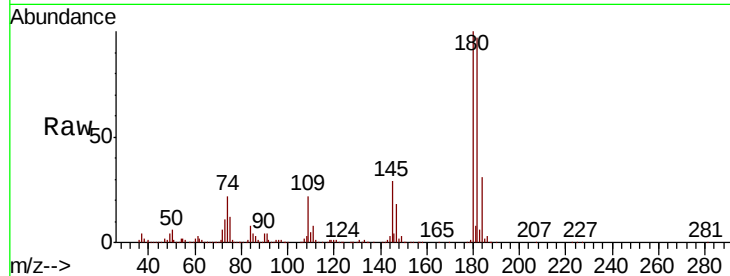




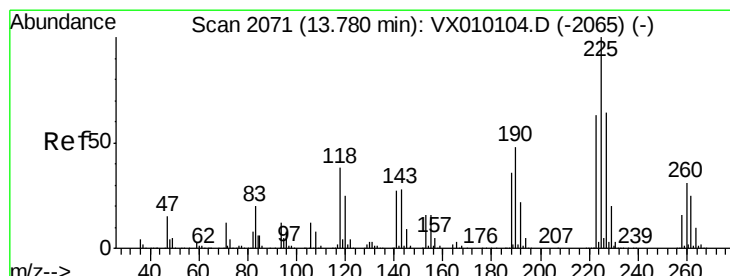
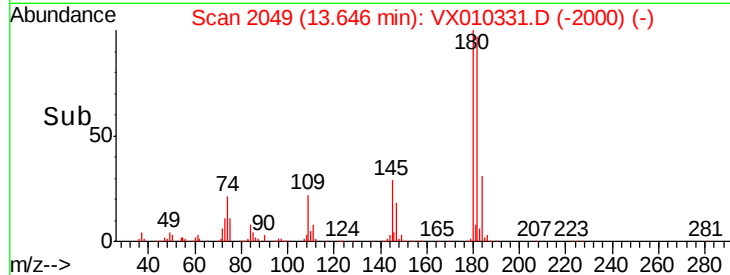
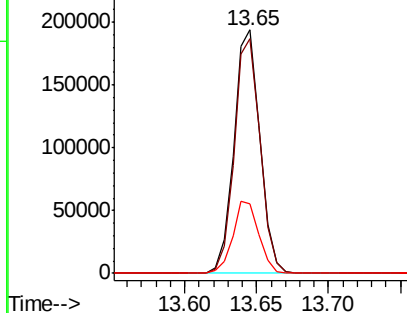
#93
 1,2,4-Trichlorobenzene
 Concen: 48.740 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010331.D
 Acq: 17 Jun 2019 18:09

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:180 Resp: 244306
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.4 142.2
 145 29.8 14.5 43.5

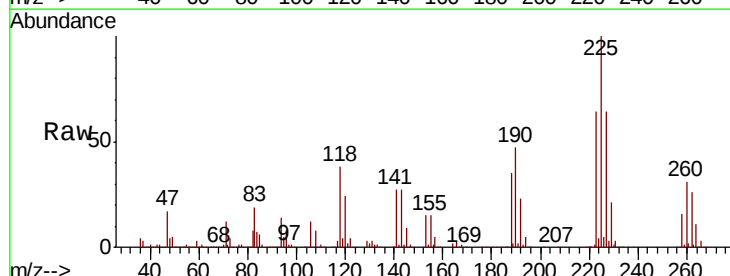


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

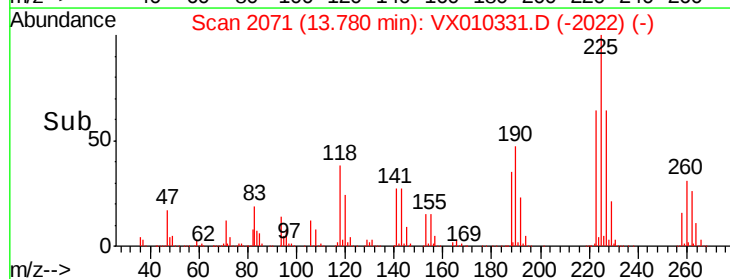
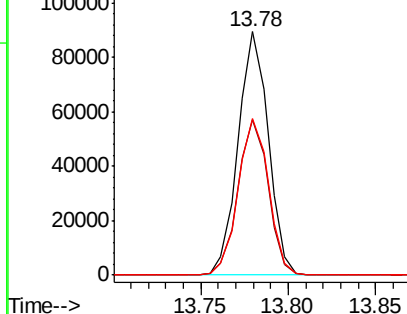


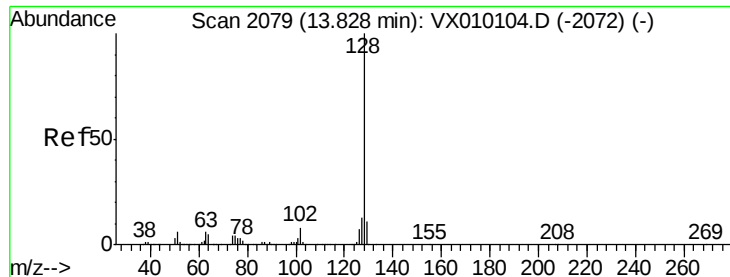
#94
 Hexachlorobutadiene
 Concen: 48.263 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010331.D
 Acq: 17 Jun 2019 18:09

Tgt Ion:225 Resp: 107588
 Ion Ratio Lower Upper
 225 100
 223 63.9 31.3 93.8
 227 64.9 32.3 96.8



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: 49.738 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.00 min

Lab File: VX010331.D

Acq: 17 Jun 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

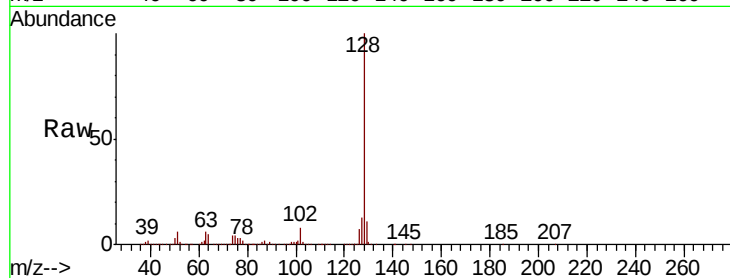
Tot Ion:128 Resp: 784805

Ion Ratio Lower Upper

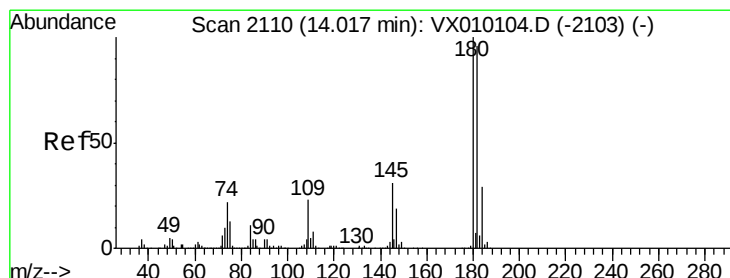
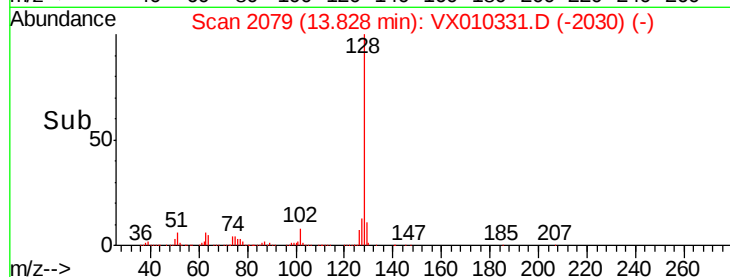
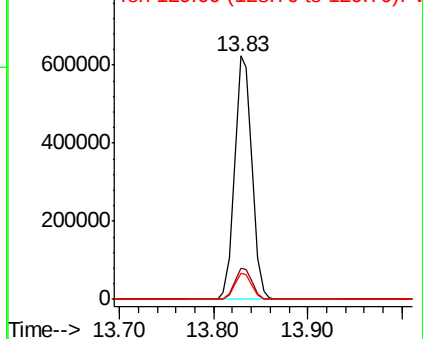
128 100

127 12.9 10.6 16.0

129 10.8 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.237 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX010331.D

Acq: 17 Jun 2019 18:09

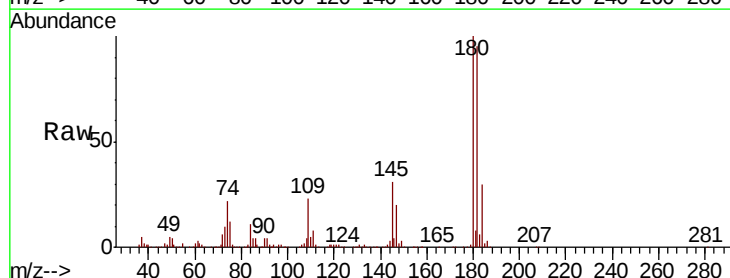
Tgt Ion:180 Resp: 248979

Ion Ratio Lower Upper

180 100

182 94.5 47.3 142.0

145 30.6 15.6 46.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

