

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090219\
 Data File : VU034157.D
 Acq On : 01 Sep 2019 05:38
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 01 06:03:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 04:11:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	403375	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	652121	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	634034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	347876	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	256862	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
35) Dibromofluoromethane	4.86	113	214811	47.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.98%	
50) Toluene-d8	7.55	98	841967	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
62) 4-Bromofluorobenzene	10.29	95	322732	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	197667	48.725	ug/l	99
3) Chloromethane	1.32	50	244910	44.995	ug/l	99
4) Vinyl Chloride	1.40	62	264345	48.958	ug/l	100
5) Bromomethane	1.61	94	137822	53.427	ug/l	97
6) Chloroethane	1.69	64	157229	47.631	ug/l	98
7) Trichlorofluoromethane	1.87	101	310174	49.578	ug/l	100
8) Diethyl Ether	2.09	74	136160	50.875	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.27	101	192958	48.685	ug/l	99
10) Methyl Iodide	2.40	142	172249	30.637	ug/l	98
11) Tert butyl alcohol	2.81	59	273124	229.149	ug/l	100
12) 1,1-Dichloroethene	2.27	96	204530	50.649	ug/l	99
13) Acrolein	2.18	56	87560	174.630	ug/l	100
14) Allyl chloride	2.58	41	320216	42.175	ug/l	93
15) Acrylonitrile	2.92	53	716557	261.990	ug/l	100
16) Acetone	2.31	43	588846	223.280	ug/l	98
17) Carbon Disulfide	2.46	76	572244	44.774	ug/l	99
18) Methyl Acetate	2.60	43	338159	49.619	ug/l	100
19) Methyl tert-butyl Ether	2.98	73	706143	53.370	ug/l	99
20) Methylene Chloride	2.68	84	246047	49.282	ug/l	99
21) trans-1,2-Dichloroethene	2.96	96	219175	50.010	ug/l	99
22) Diisopropyl ether	3.55	45	739990	53.189	ug/l	98
23) Vinyl Acetate	3.50	43	3103813	259.704	ug/l	100
24) 1,1-Dichloroethane	3.42	63	422933	51.490	ug/l	100
25) 2-Butanone	4.23	43	938128	255.682	ug/l	99
26) 2,2-Dichloropropane	4.20	77	225782	33.782	ug/l	96
27) cis-1,2-Dichloroethene	4.20	96	252569	51.344	ug/l	96
28) Bromochloromethane	4.52	49	210892	52.113	ug/l	98
29) Tetrahydrofuran	4.61	42	611731	270.350	ug/l	99
30) Chloroform	4.65	83	408959	49.902	ug/l	98
31) Cyclohexane	4.97	56	360509	46.709	ug/l	99
32) 1,1,1-Trichloroethane	4.89	97	338988	50.505	ug/l	100
36) 1,1-Dichloropropene	5.12	75	302294	49.008	ug/l	100
37) Ethyl Acetate	4.36	43	345351	49.998	ug/l	99
38) Carbon Tetrachloride	5.11	117	290767	48.836	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	337910	46.480	ug/l	98
40) Benzene	5.37	78	932591	49.972	ug/l	100
41) Methacrylonitrile	4.52	41	187822	53.020	ug/l	99
42) 1,2-Dichloroethane	5.38	62	318967	49.495	ug/l	99
43) Isopropyl Acetate	5.53	43	528794	50.321	ug/l	99
44) Trichloroethene	6.16	130	254233	51.877	ug/l	98
45) 1,2-Dichloropropane	6.41	63	261881	50.977	ug/l	99
46) Dibromomethane	6.54	93	166241	50.228	ug/l	99
47) Bromodichloromethane	6.74	83	327667	50.602	ug/l	99
48) Methyl methacrylate	6.60	41	256814	50.645	ug/l	98
49) 1,4-Dioxane	6.59	88	105557	830.807	ug/l	99
51) 4-Methyl-2-Pentanone	7.44	43	1811088	249.558	ug/l	100
52) Toluene	7.62	92	591741	51.472	ug/l	100
53) t-1,3-Dichloropropene	7.86	75	330008	45.930	ug/l	98
54) cis-1,3-Dichloropropene	7.25	75	374976	47.769	ug/l	98
55) 1,1,2-Trichloroethane	8.05	97	245608	50.507	ug/l	99
56) Ethyl methacrylate	8.00	69	367045	45.592	ug/l	99
57) 1,3-Dichloropropane	8.22	76	415861	50.366	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.11	63	620617	230.690	ug/l	100
59) 2-Hexanone	8.34	43	1362685	248.732	ug/l	100
60) Dibromochloromethane	8.46	129	259370	49.688	ug/l	98
61) 1,2-Dibromoethane	8.57	107	250421	48.886	ug/l	99
64) Tetrachloroethene	8.21	164	226042	53.087	ug/l	98
65) Chlorobenzene	9.10	112	646609	49.557	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.19	131	228504	48.297	ug/l	99
67) Ethyl Benzene	9.23	91	1123358	50.790	ug/l	99
68) m/p-Xylenes	9.35	106	861870	102.481	ug/l	99
69) o-Xylene	9.76	106	409756	50.785	ug/l	99
70) Styrene	9.77	104	734553	53.096	ug/l	100
71) Bromoform	9.94	173	196550	47.814	ug/l #	99
73) Isopropylbenzene	10.15	105	1109442	47.480	ug/l	100
74) N-amyl acetate	9.99	43	474387	48.270	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.44	83	404051	45.178	ug/l	100
76) 1,2,3-Trichloropropane	10.47	75	428064	54.596	ug/l	86
77) Bromobenzene	10.43	156	290811	46.266	ug/l	97
78) n-propylbenzene	10.57	91	1308782	48.095	ug/l	99
79) 2-Chlorotoluene	10.64	91	772877	47.351	ug/l	100
80) 1,3,5-Trimethylbenzene	10.75	105	962163	48.583	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.47	75	429218	184.335	ug/l #	100
82) 4-Chlorotoluene	10.75	91	905859	48.256	ug/l	100
83) tert-Butylbenzene	11.08	119	898262	46.073	ug/l	98
84) 1,2,4-Trimethylbenzene	11.13	105	969742	49.311	ug/l	99
85) sec-Butylbenzene	11.30	105	1100104	47.079	ug/l	99
86) p-Isopropyltoluene	11.46	119	1011644	47.869	ug/l	99
87) 1,3-Dichlorobenzene	11.40	146	533624	47.953	ug/l	100
88) 1,4-Dichlorobenzene	11.49	146	537113	47.727	ug/l	100
89) n-Butylbenzene	11.87	91	891051	47.822	ug/l	99
90) Hexachloroethane	12.12	117	147450	40.354	ug/l	99
91) 1,2-Dichlorobenzene	11.86	146	517721	48.568	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.64	75	81598	45.797	ug/l	97

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QLast Update : Thu Aug 29 04:11:12 2019
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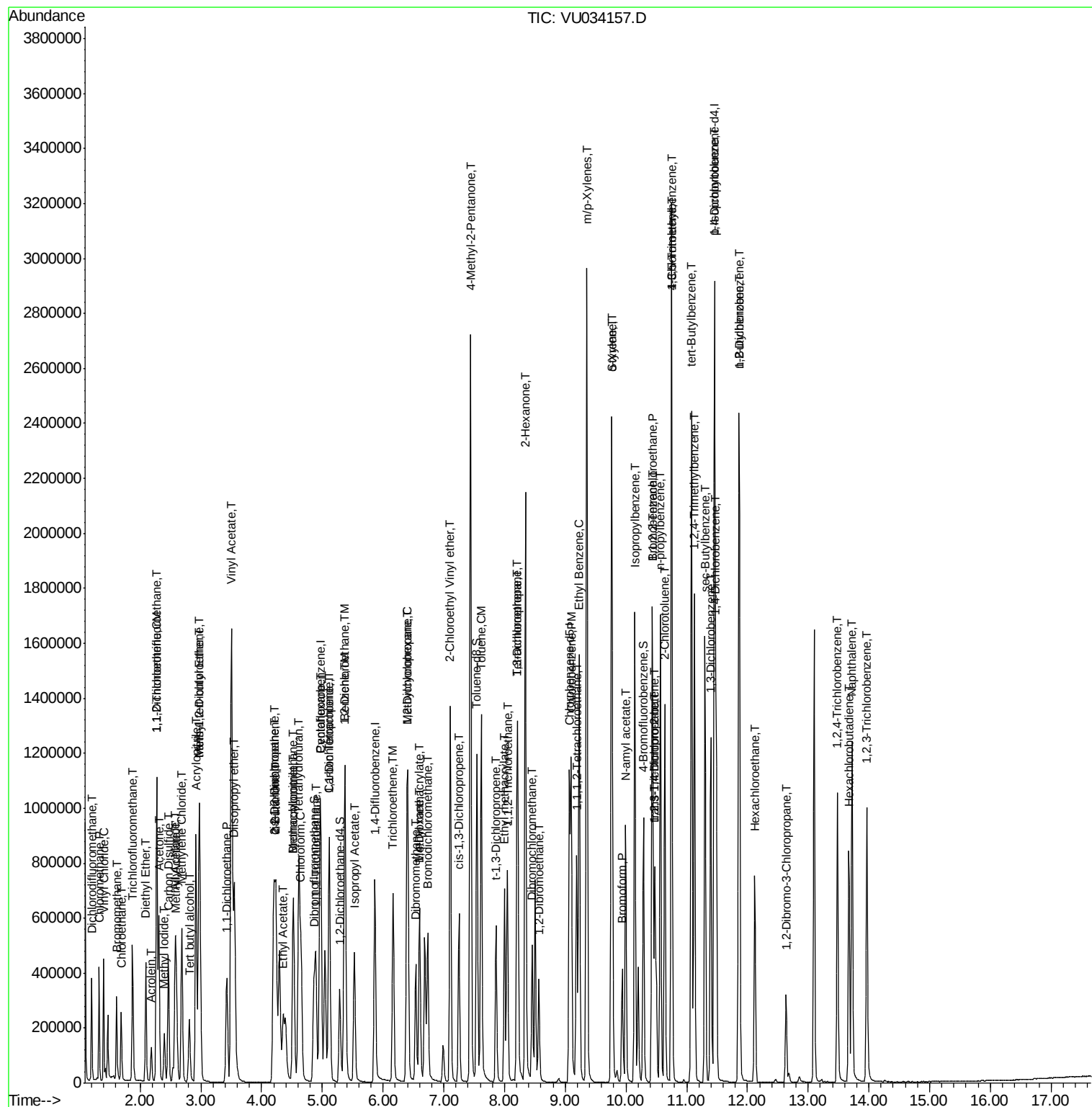
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.48	180	347798	45.963	ug/l	99
94) Hexachlorobutadiene	13.67	225	167726	40.222	ug/l	98
95) Naphthalene	13.72	128	1018100	46.999	ug/l	100
96) 1,2,3-Trichlorobenzene	13.97	180	346326	50.718	ug/l	100

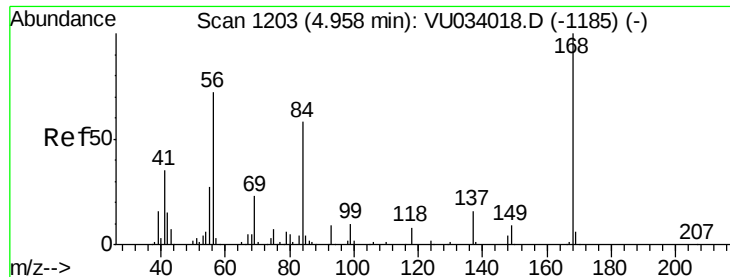
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU090219\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034157.D

Acq: 01 Sep 2019 05:38

Instrument :

MSVOA_U

ClientSampleId :

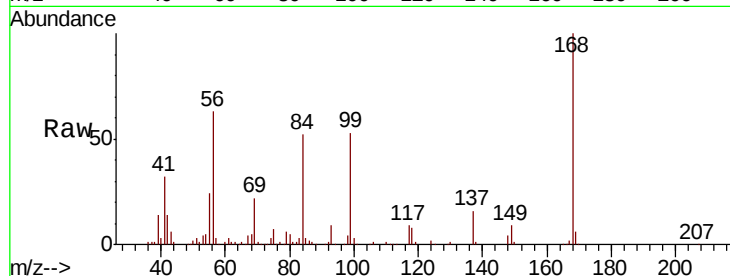
VSTDCCC050EC

Tgt Ion:168 Resp: 403375

Ion Ratio Lower Upper

168 100

99 52.8 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034018.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU034018.D (-1185) (-)

4.96

200000

150000

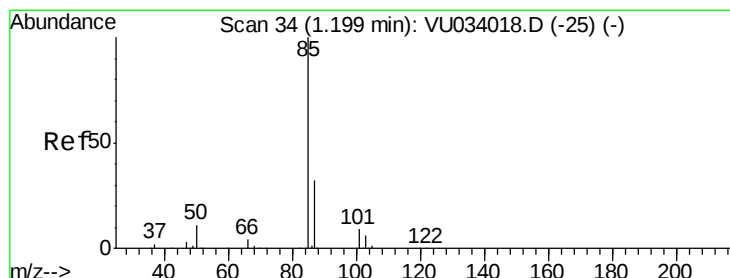
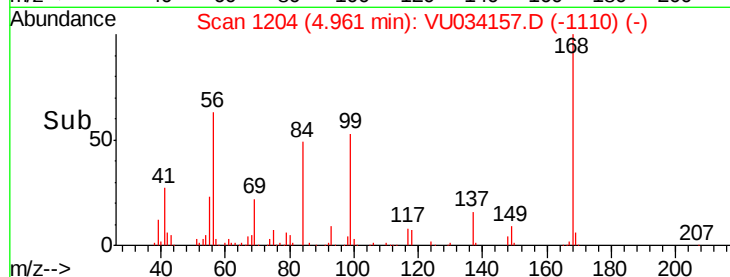
100000

50000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 48.725 ug/l

RT: 1.20 min Scan# 35

Delta R.T. 0.00 min

Lab File: VU034157.D

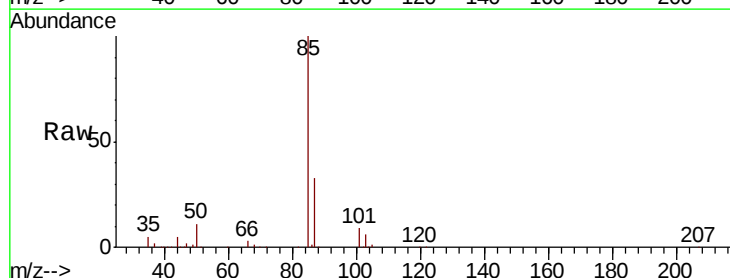
Acq: 01 Sep 2019 05:38

Tgt Ion: 85 Resp: 197667

Ion Ratio Lower Upper

85 100

87 32.8 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VU034018.D (-25) (-)

Ion 86.90 (86.60 to 87.60): VU034018.D (-25) (-)

1.20

200000

150000

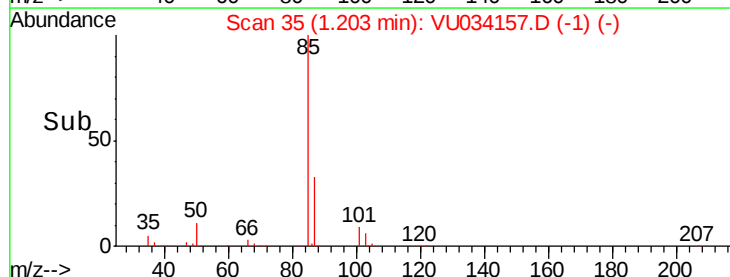
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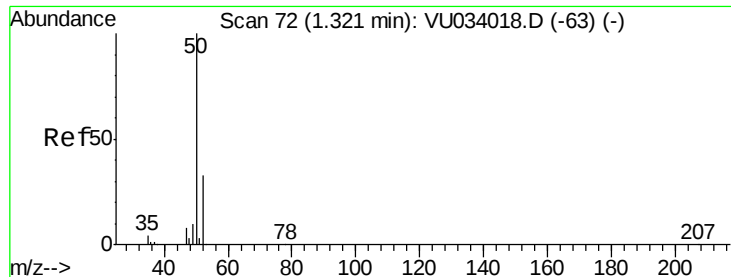
50000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 44.995 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU034157.D

Acq: 01 Sep 2019 05:38

Instrument :

MSVOA_U

ClientSampleId :

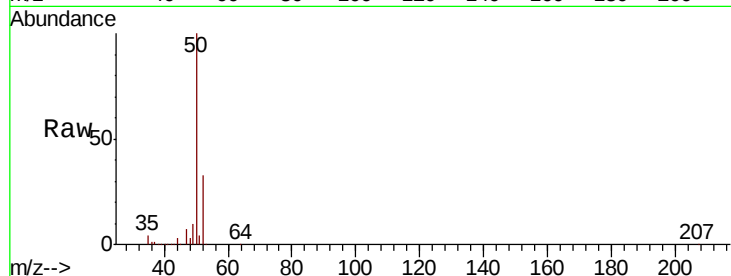
VSTDCCC050EC

Tgt Ion: 50 Resp: 244910

Ion Ratio Lower Upper

50 100

52 33.2 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VU034018.D (-63) (-)

Ion 51.90 (51.60 to 52.60): VU034157.D (-1) (-)

1.32

250000

200000

150000

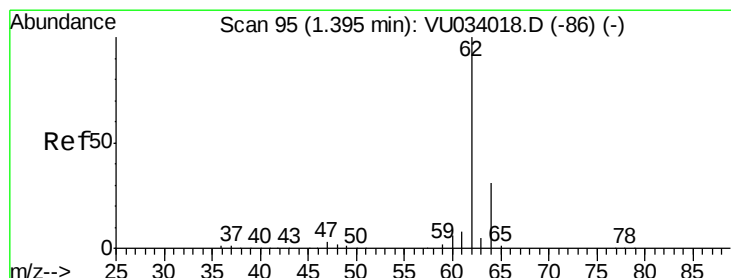
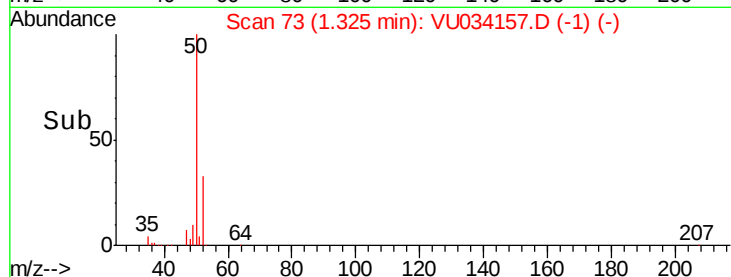
100000

50000

0

Time-->

1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 48.958 ug/l

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU034157.D

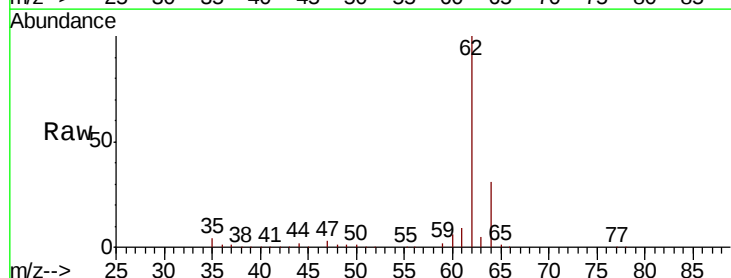
Acq: 01 Sep 2019 05:38

Tgt Ion: 62 Resp: 264345

Ion Ratio Lower Upper

62 100

64 31.3 25.0 37.6



Abundance Ion 61.90 (61.60 to 62.60): VU034018.D (-86) (-)

Ion 63.90 (63.60 to 64.60): VU034157.D (-2) (-)

1.40

300000

250000

200000

150000

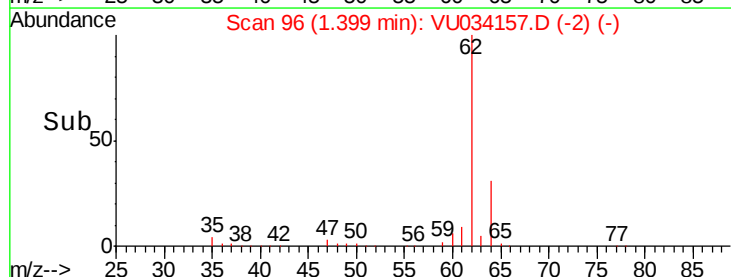
100000

50000

0

Time-->

1.35 1.40 1.45





#5

Bromomethane

Concen: 53.427 ug/l

RT: 1.61 min Scan# 162

Delta R.T. 0.01 min

Lab File: VU034157.D

Acq: 01 Sep 2019 05:38

Instrument :

MSVOA_U

ClientSampleId :

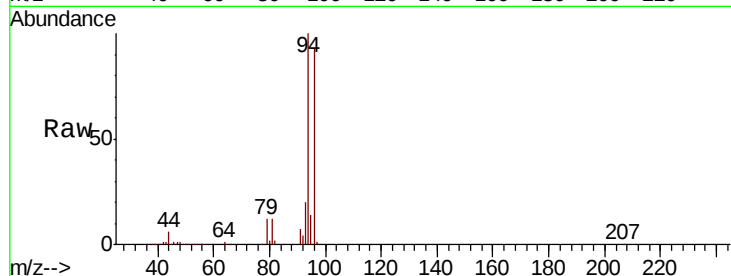
VSTDCCC050EC

Tgt Ion: 94 Resp: 137822

Ion Ratio Lower Upper

94 100

96 92.8 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VU034157.D (-162) (-)

Ion 95.90 (95.60 to 96.60): VU034157.D (-162) (-)

1.61

120000

100000

80000

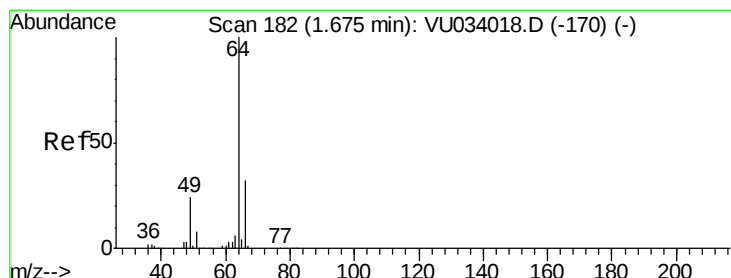
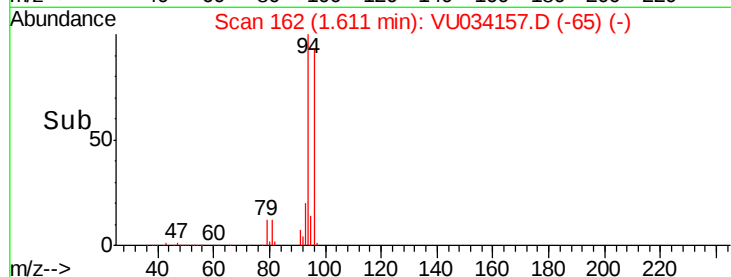
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 47.631 ug/l

RT: 1.69 min Scan# 186

Delta R.T. 0.01 min

Lab File: VU034157.D

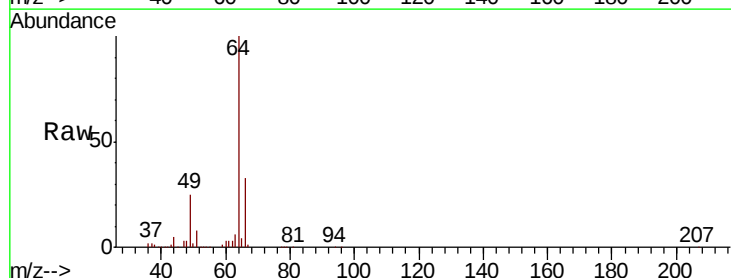
Acq: 01 Sep 2019 05:38

Tgt Ion: 64 Resp: 157229

Ion Ratio Lower Upper

64 100

66 32.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU034157.D (-186) (-)

Ion 65.90 (65.60 to 66.60): VU034157.D (-186) (-)

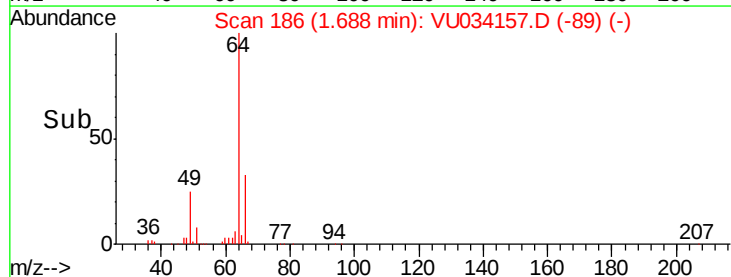
1.69

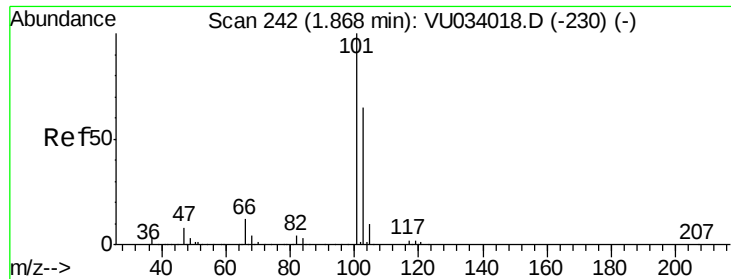
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50000

0

Time-->



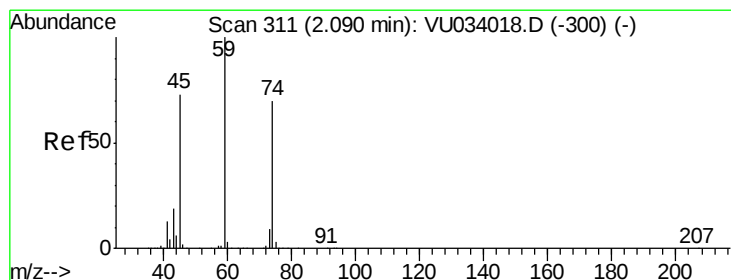
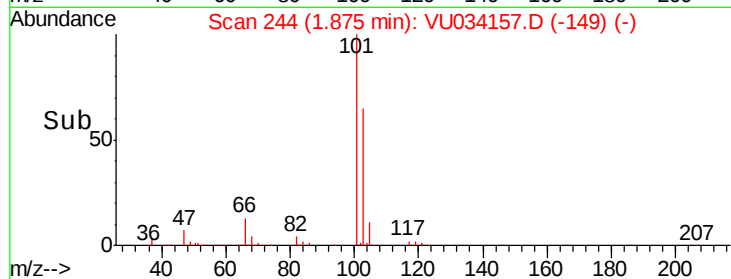
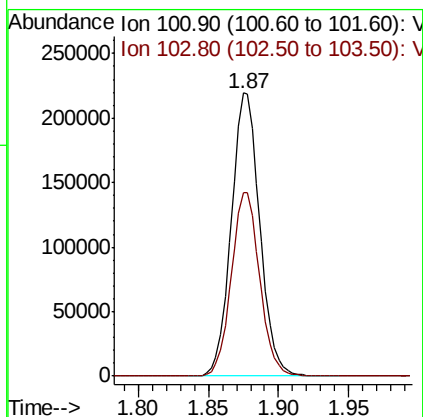
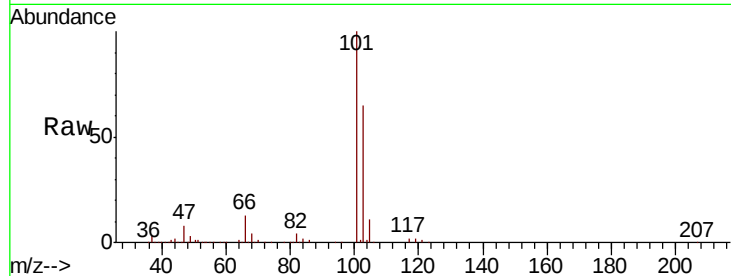


#7

Trichlorofluoromethane
Concen: 49.578 ug/l
RT: 1.87 min Scan# 244
Delta R.T. 0.01 min
Lab File: VU034157.D
Acq: 01 Sep 2019 05:38

Instrument :
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ClientSampleId :
VSTDCCC050EC

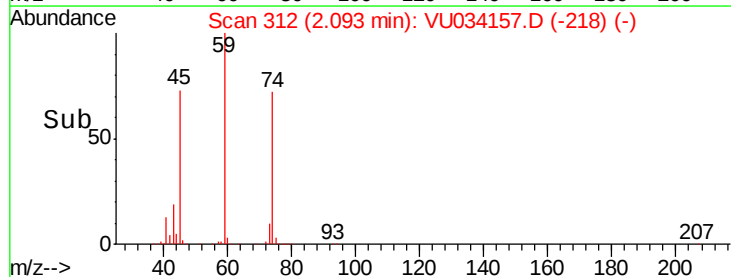
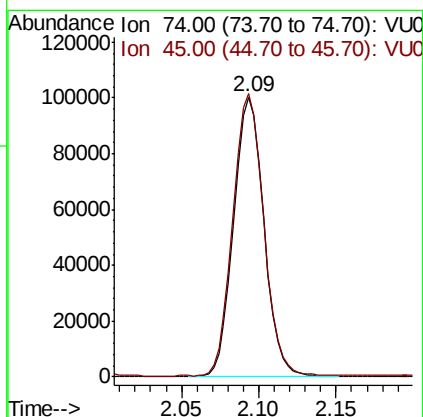
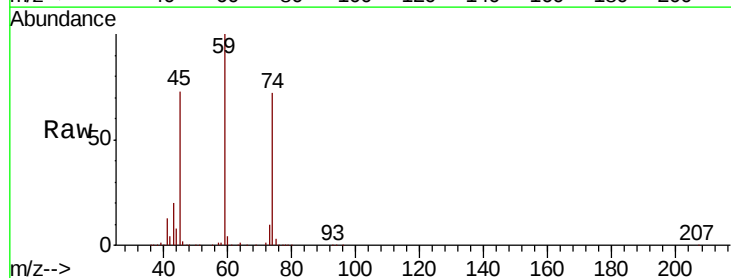
Tgt Ion:101 Resp: 310174
Ion Ratio Lower Upper
101 100
103 65.0 52.1 78.1



#8

Diethyl Ether
Concen: 50.875 ug/l
RT: 2.09 min Scan# 312
Delta R.T. 0.00 min
Lab File: VU034157.D
Acq: 01 Sep 2019 05:38

Tgt Ion: 74 Resp: 136160
Ion Ratio Lower Upper
74 100
45 102.4 51.8 155.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.685 ug/l

RT: 2.27 min Scan# 368

Delta R.T. 0.00 min

Lab File: VU034157.D

Acq: 01 Sep 2019 05:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

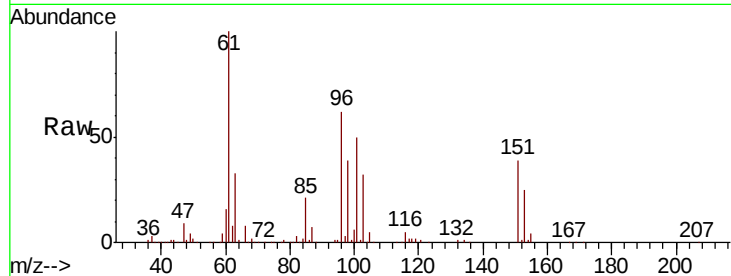
Tgt Ion:101 Resp: 192958

Ion Ratio Lower Upper

101 100

85 42.9 34.2 51.2

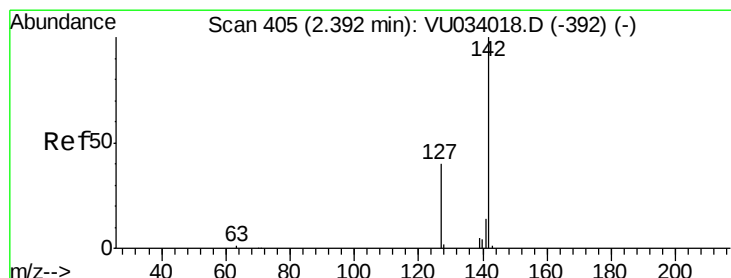
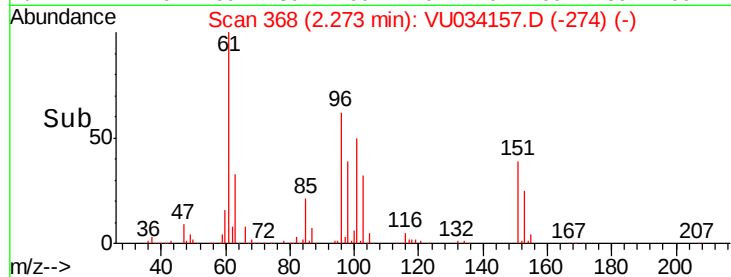
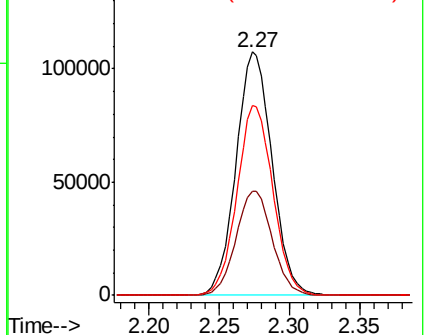
151 77.8 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 30.637 ug/l

RT: 2.40 min Scan# 407

Delta R.T. 0.01 min

Lab File: VU034157.D

Acq: 01 Sep 2019 05:38

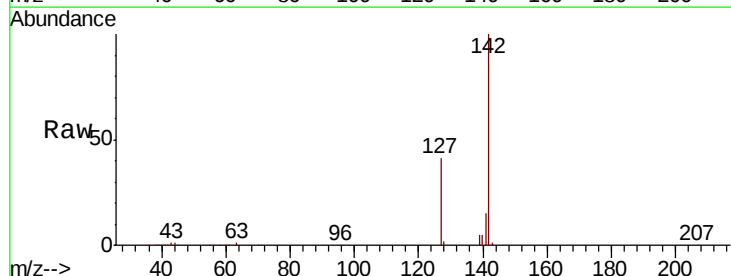
Tgt Ion:142 Resp: 172249

Ion Ratio Lower Upper

142 100

127 41.9 32.6 48.8

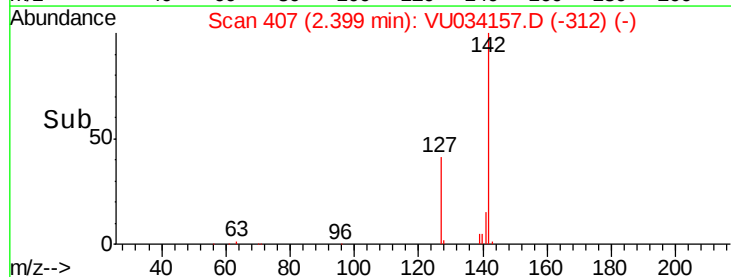
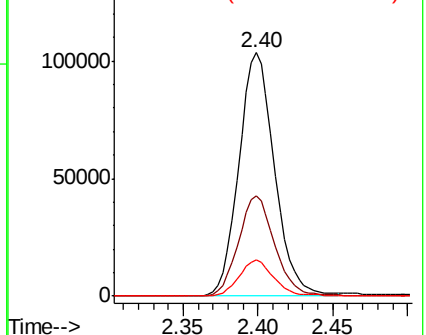
141 14.4 11.3 16.9

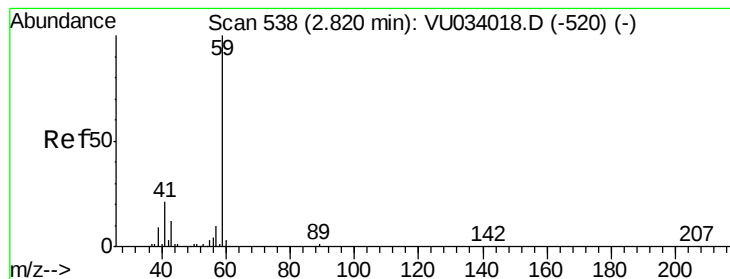


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



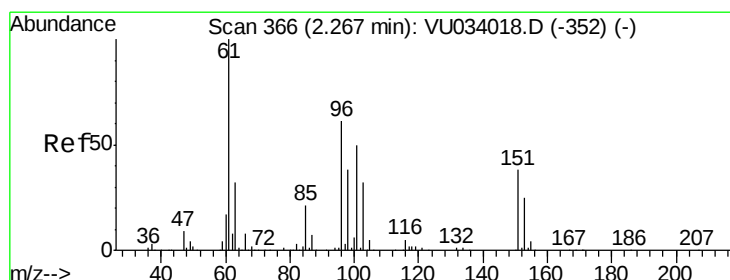
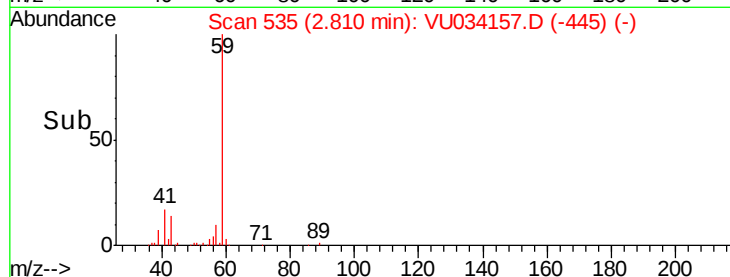
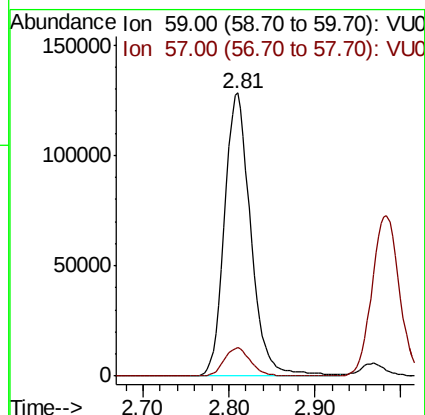
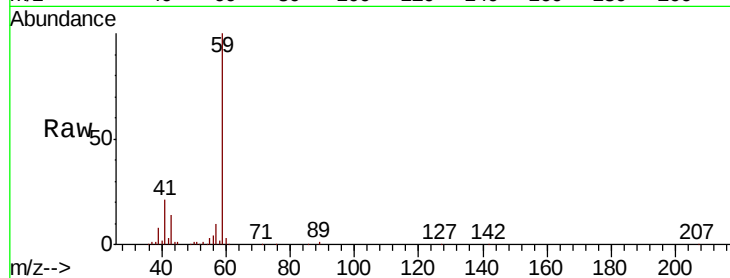


#11

Tert butyl alcohol
 Concen: 229.149 ug/l
 RT: 2.81 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VU034157.D
 Acq: 01 Sep 2019 05:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

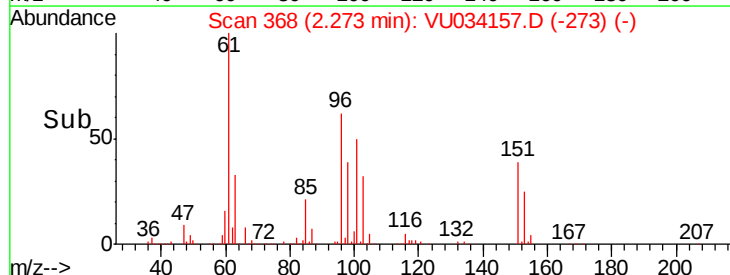
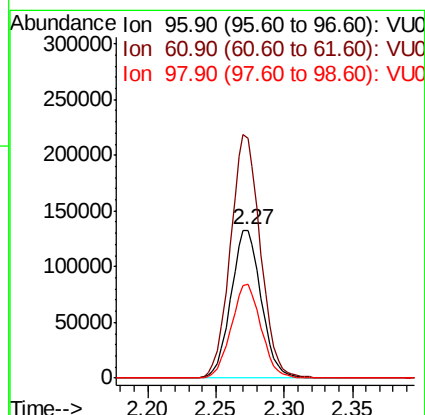
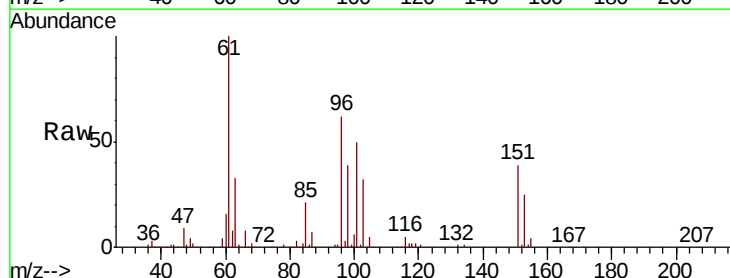
Tgt Ion: 59 Resp: 273124
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.0 12.0

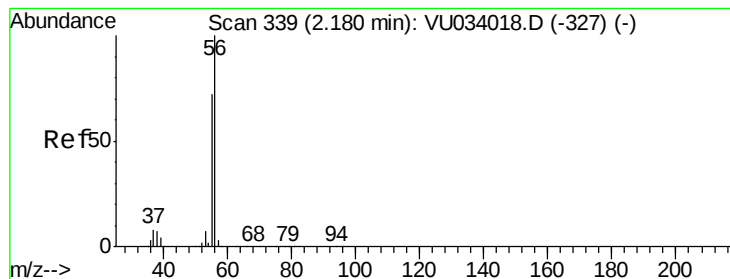


#12

1,1-Dichloroethene
 Concen: 50.649 ug/l
 RT: 2.27 min Scan# 368
 Delta R.T. 0.01 min
 Lab File: VU034157.D
 Acq: 01 Sep 2019 05:38

Tgt Ion: 96 Resp: 204530
 Ion Ratio Lower Upper
 96 100
 61 161.7 131.3 196.9
 98 63.4 50.3 75.5





#13

Acrolein

Concen: 174.630 ug/l

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VU034157.D

Acq: 01 Sep 2019 05:38

Instrument :

MSVOA_U

ClientSampleId :

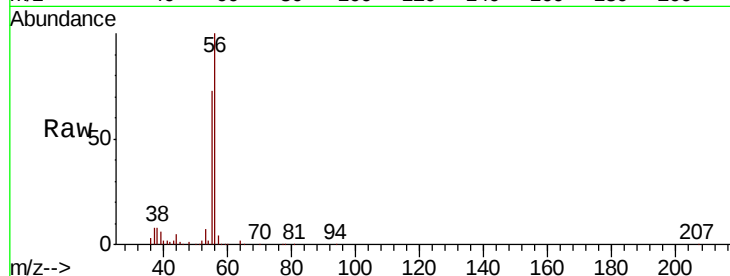
VSTDCCC050EC

Tgt Ion: 56 Resp: 87560

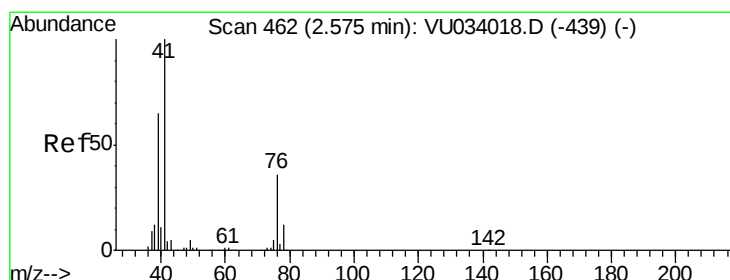
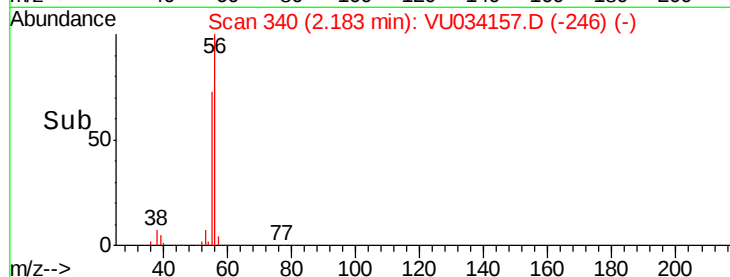
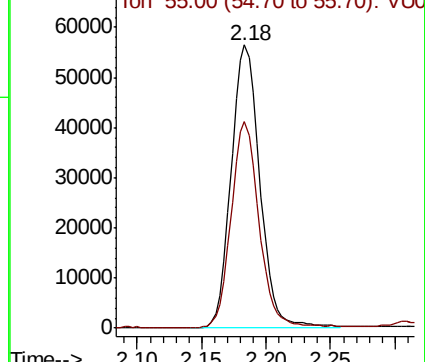
Ion Ratio Lower Upper

56 100

55 71.6 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VU034018.D (-327) (-)



#14

Allyl chloride

Concen: 42.175 ug/l

RT: 2.58 min Scan# 463

Delta R.T. 0.00 min

Lab File: VU034157.D

Acq: 01 Sep 2019 05:38

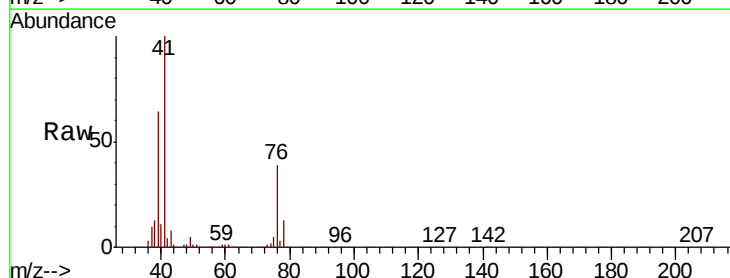
Tgt Ion: 41 Resp: 320216

Ion Ratio Lower Upper

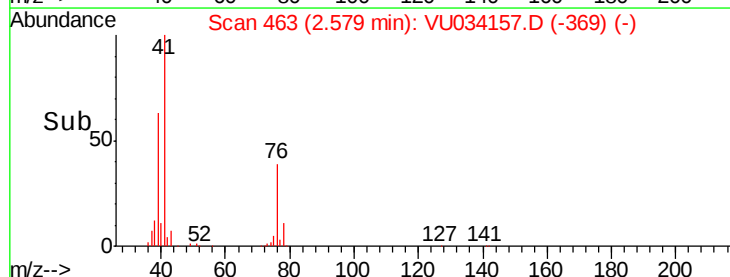
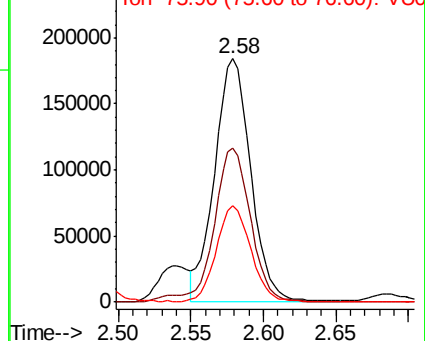
41 100

39 64.2 46.8 70.2

76 37.3 26.6 40.0



Abundance Ion 41.00 (40.70 to 41.70): VU034018.D (-439) (-)





#15

Acrylonitrile

Concen: 261.990 ug/l

RT: 2.92 min Scan# 568

Delta R.T. 0.00 min

Lab File: VU034157.D

Acq: 01 Sep 2019 05:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

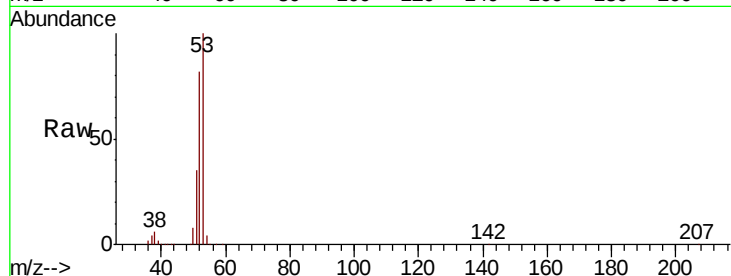
Tgt Ion: 53 Resp: 716557

Ion Ratio Lower Upper

53 100

52 82.0 65.7 98.5

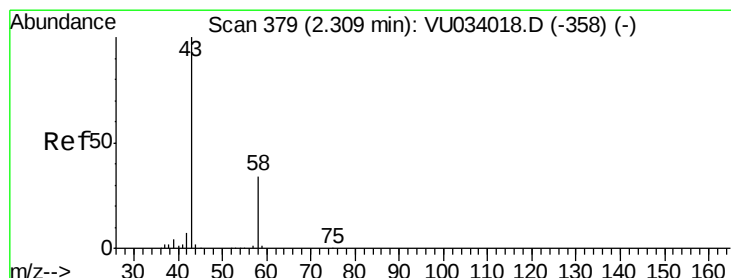
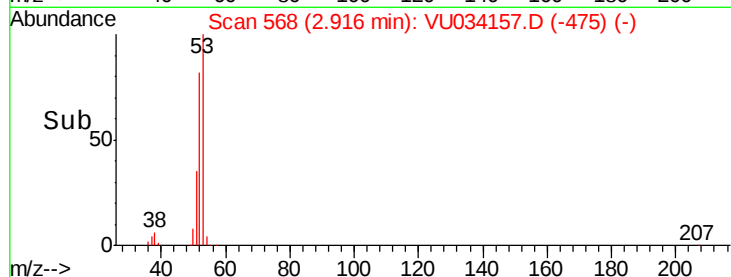
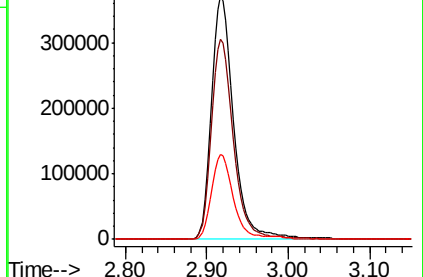
51 35.3 27.9 41.9



Abundance Ion 53.00 (52.70 to 53.70): VU034157.D (-286) (-)

Ion 52.00 (51.70 to 52.70): VU034157.D (-286) (-)

Ion 51.00 (50.70 to 51.70): VU034157.D (-286) (-)



#16

Acetone

Concen: 223.280 ug/l

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU034157.D

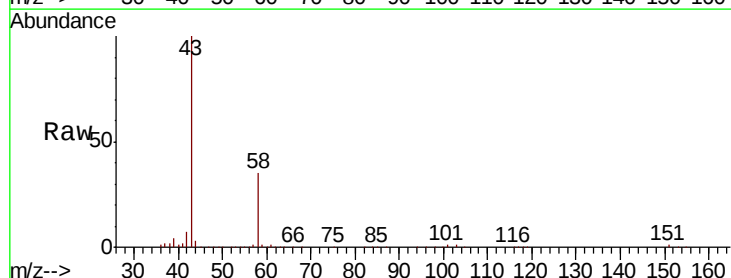
Acq: 01 Sep 2019 05:38

Tgt Ion: 43 Resp: 588846

Ion Ratio Lower Upper

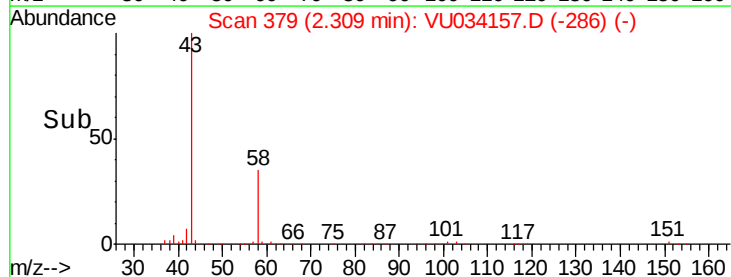
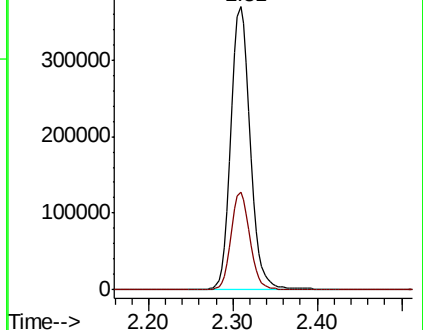
43 100

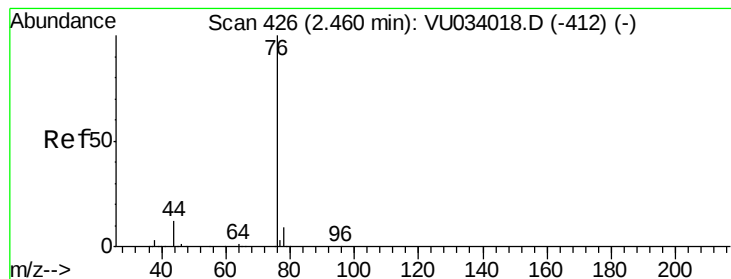
58 34.5 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VU034157.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034157.D (-286) (-)





#17

Carbon Disulfide

Concen: 44.774 ug/l

RT: 2.46 min Scan# 427

Delta R.T. 0.00 min

Lab File: VU034157.D

Acq: 01 Sep 2019 05:38

Instrument :

MSVOA_U

ClientSampleId :

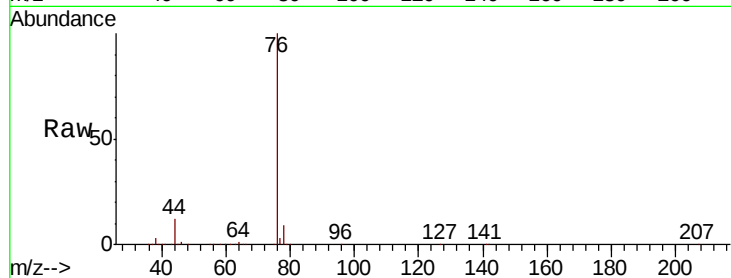
VSTDCCC050EC

Tgt Ion: 76 Resp: 572244

Ion Ratio Lower Upper

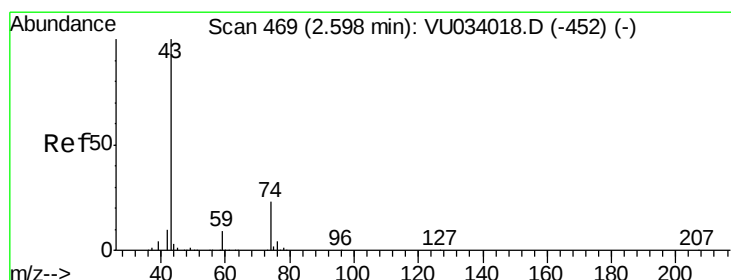
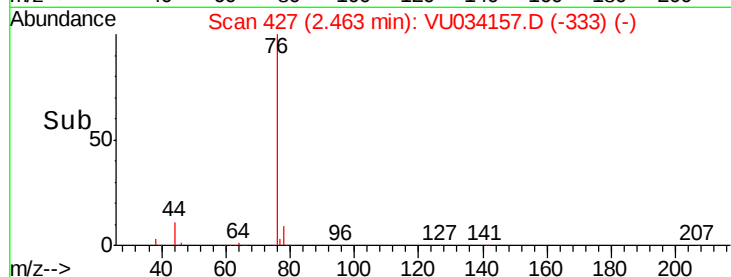
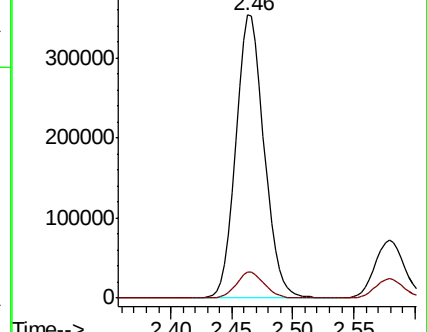
76 100

78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VU034018.D (-412) (-)

Ion 77.90 (77.60 to 78.60): VU034018.D (-412) (-)



#18

Methyl Acetate

Concen: 49.619 ug/l

RT: 2.60 min Scan# 470

Delta R.T. 0.00 min

Lab File: VU034157.D

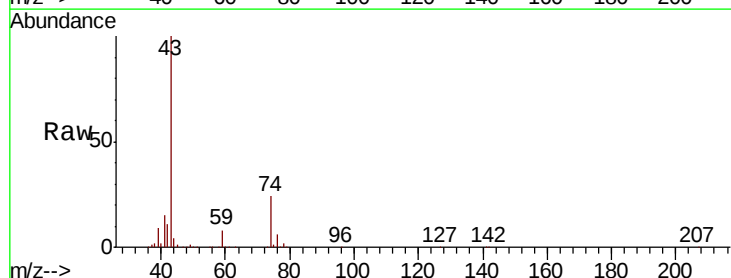
Acq: 01 Sep 2019 05:38

Tgt Ion: 43 Resp: 338159

Ion Ratio Lower Upper

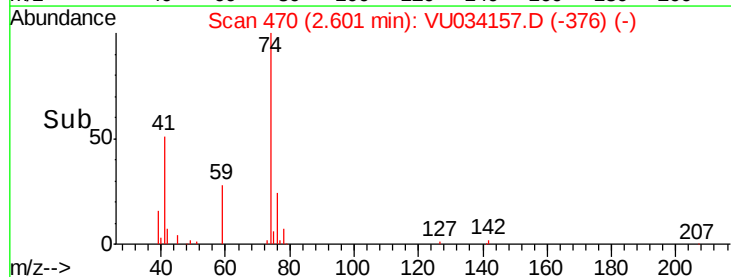
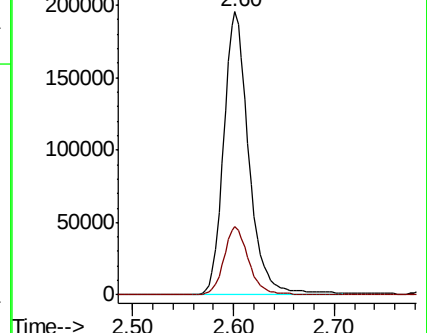
43 100

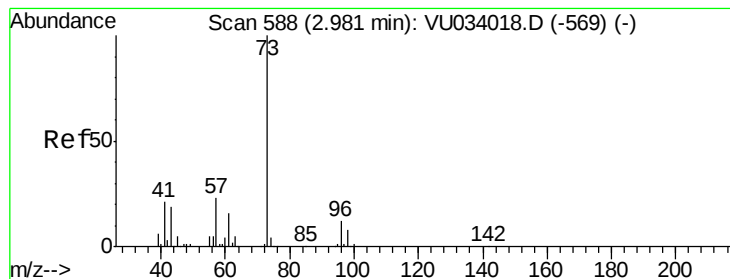
74 23.9 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VU034018.D (-452) (-)

Ion 74.00 (73.70 to 74.70): VU034018.D (-452) (-)



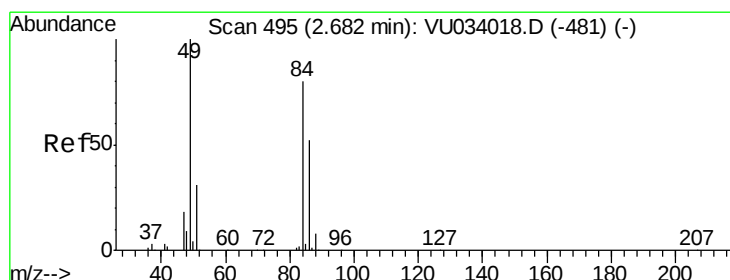
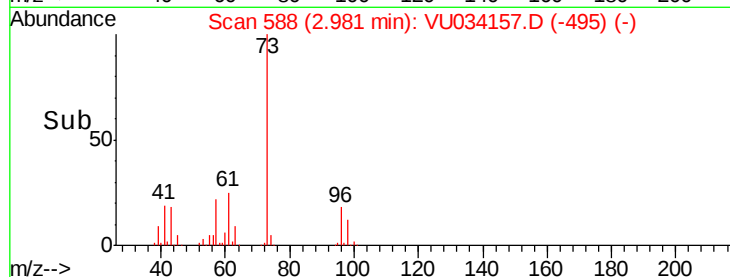
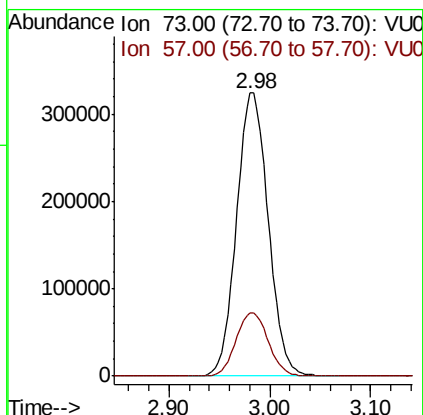
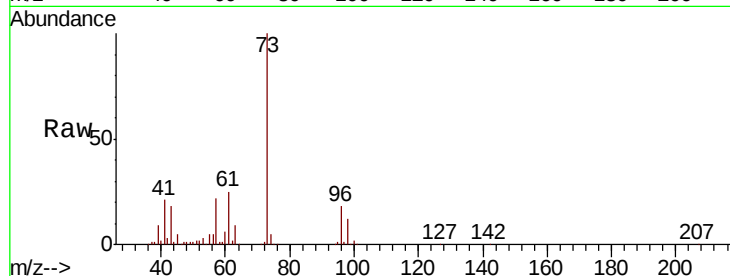


#19

Methyl tert-butyl Ether
 Concen: 53.370 ug/l
 RT: 2.98 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: VU034157.D
 Acq: 01 Sep 2019 05:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

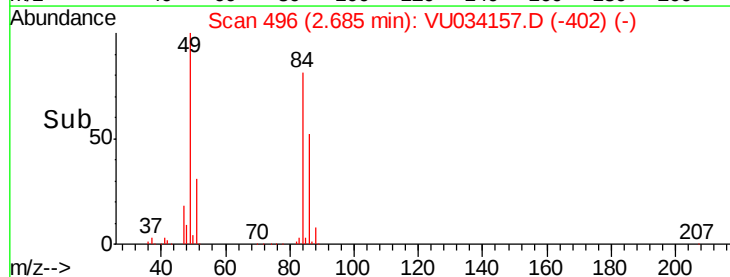
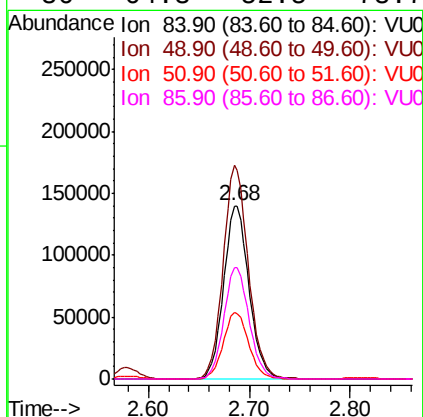
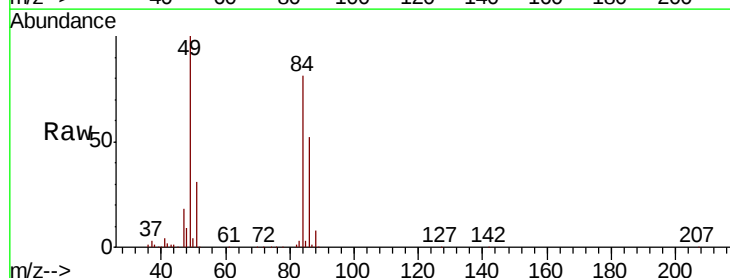
Tgt Ion: 73 Resp: 706143
 Ion Ratio Lower Upper
 73 100
 57 22.3 18.3 27.5

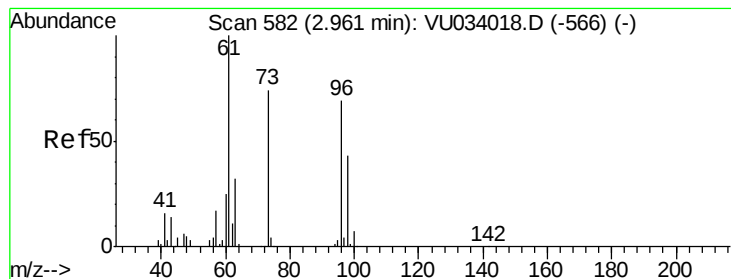


#20

Methylene Chloride
 Concen: 49.282 ug/l
 RT: 2.68 min Scan# 496
 Delta R.T. 0.00 min
 Lab File: VU034157.D
 Acq: 01 Sep 2019 05:38

Tgt Ion: 84 Resp: 246047
 Ion Ratio Lower Upper
 84 100
 49 123.6 100.2 150.4
 51 38.7 30.8 46.2
 86 64.3 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 50.010 ug/l

RT: 2.96 min Scan# 583

Delta R.T. 0.00 min

Lab File: VU034157.D

Acq: 01 Sep 2019 05:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

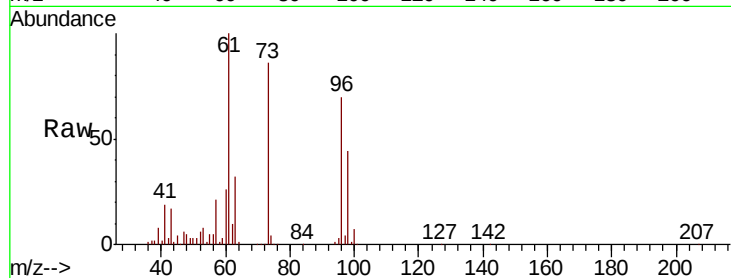
Tgt Ion: 96 Resp: 219175

Ion Ratio Lower Upper

96 100

61 143.4 115.5 173.3

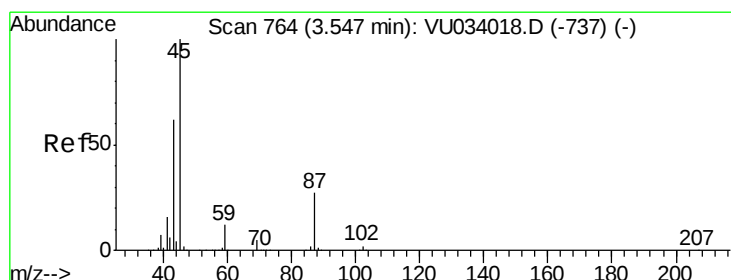
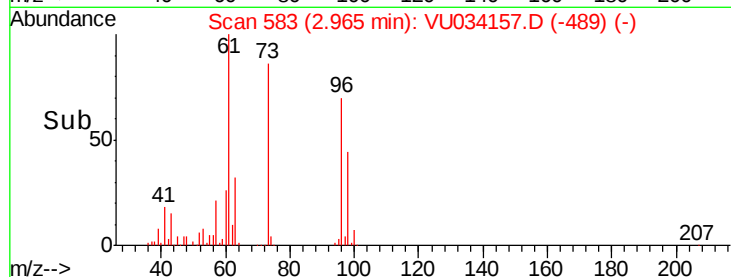
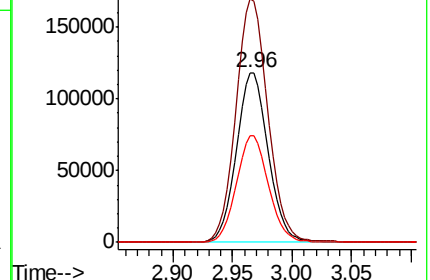
98 62.8 50.1 75.1



Abundance Ion 95.90 (95.60 to 96.60): VU034018.D (-566) (-)

Ion 60.90 (60.60 to 61.60): VU034018.D (-566) (-)

Ion 97.90 (97.60 to 98.60): VU034018.D (-566) (-)



#22

Diisopropyl ether

Concen: 53.189 ug/l

RT: 3.55 min Scan# 765

Delta R.T. 0.00 min

Lab File: VU034157.D

Acq: 01 Sep 2019 05:38

Tgt Ion: 45 Resp: 739990

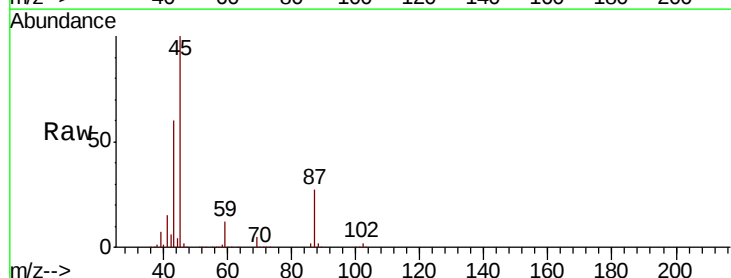
Ion Ratio Lower Upper

45 100

43 60.2 49.7 74.5

87 27.2 21.8 32.8

59 11.7 9.3 13.9

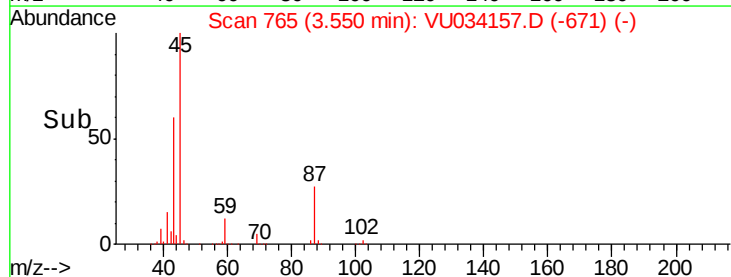
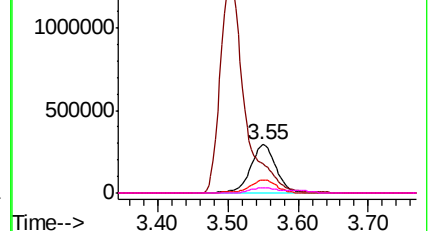


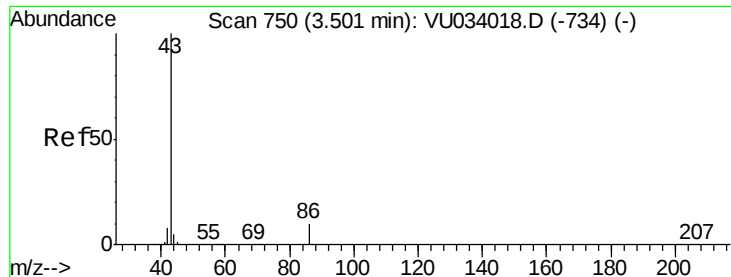
Abundance Ion 45.00 (44.70 to 45.70): VU034018.D (-737) (-)

Ion 43.00 (42.70 to 43.70): VU034018.D (-737) (-)

Ion 87.00 (86.70 to 87.70): VU034018.D (-737) (-)

Ion 59.00 (58.70 to 59.70): VU034018.D (-737) (-)





#23

Vinyl Acetate

Concen: 259.704 ug/l

RT: 3.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: VU034157.D

Acq: 01 Sep 2019 05:38

Instrument :

MSVOA_U

ClientSampleId :

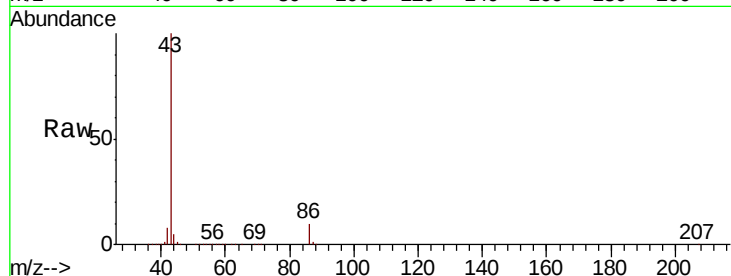
VSTDCCC050EC

Tgt Ion: 43 Resp: 3103813

Ion Ratio Lower Upper

43 100

86 10.4 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VU034157.D (-657) (-)

Ion 86.00 (85.70 to 86.70): VU034157.D (-657) (-)

1500000

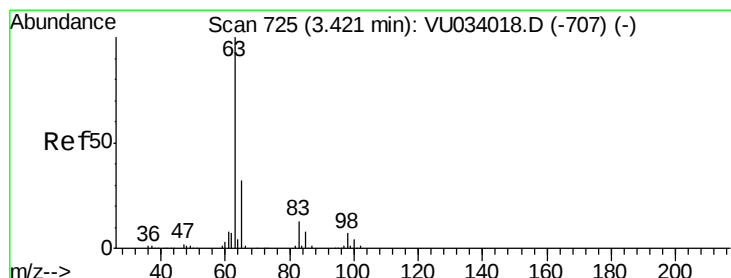
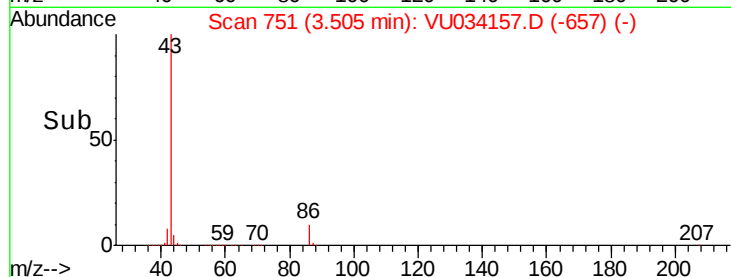
1000000

500000

0

Time-->

3.40 3.50 3.60 3.70



#24

1,1-Dichloroethane

Concen: 51.490 ug/l

RT: 3.42 min Scan# 726

Delta R.T. 0.00 min

Lab File: VU034157.D

Acq: 01 Sep 2019 05:38

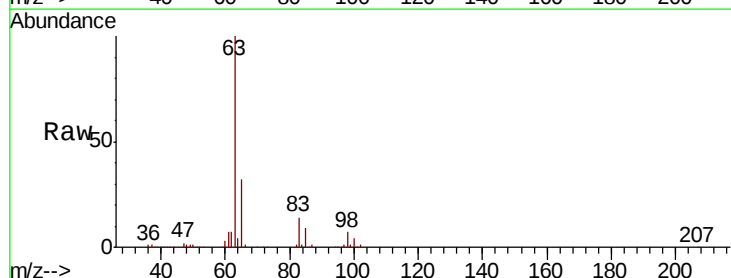
Tgt Ion: 63 Resp: 422933

Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.8

100 4.1 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VU034157.D (-632) (-)

Ion 97.90 (97.60 to 98.60): VU034157.D (-632) (-)

Ion 99.90 (99.60 to 100.60): VU034157.D (-632) (-)

250000

200000

150000

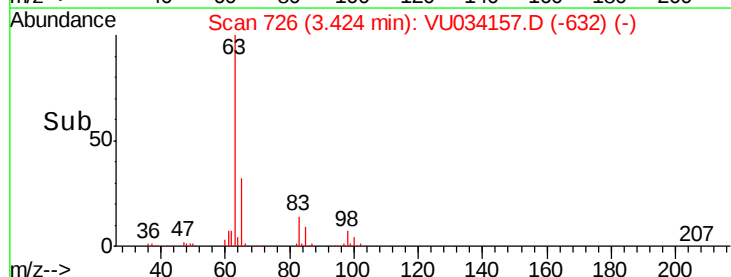
100000

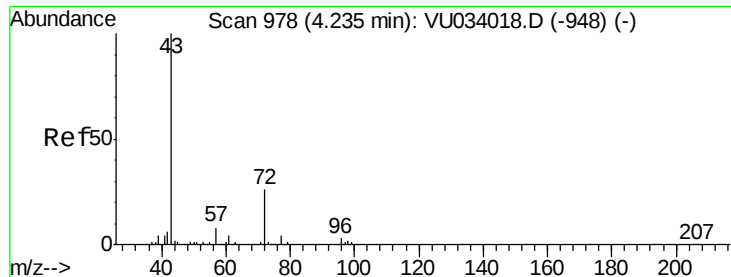
50000

0

Time-->

3.30 3.40 3.50





#25

2-Butanone

Concen: 255.682 ug/l

RT: 4.23 min Scan# 978

Delta R.T. 0.00 min

Lab File: VU034157.D

Acq: 01 Sep 2019 05:38

Instrument :

MSVOA_U

ClientSampleId :

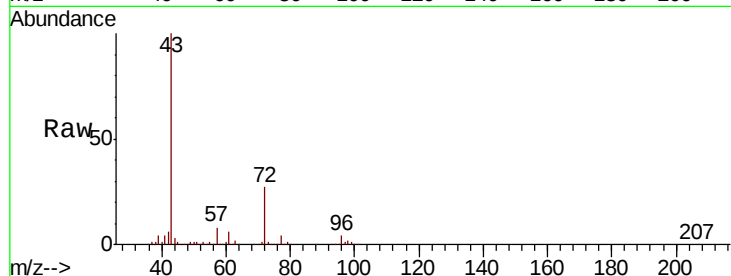
VSTDCCC050EC

Tgt Ion: 43 Resp: 938128

Ion Ratio Lower Upper

43 100

72 26.9 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VU034018.D (-948) (-)

Ion 72.00 (71.70 to 72.70): VU034018.D (-948) (-)

4.23

400000

300000

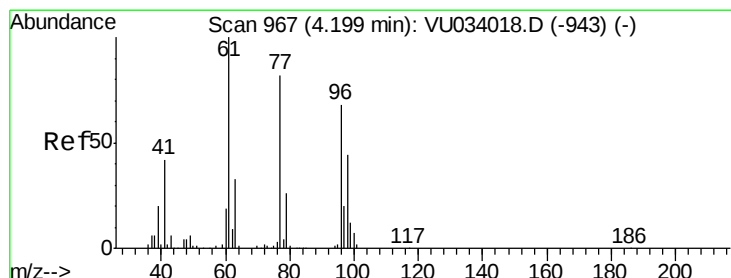
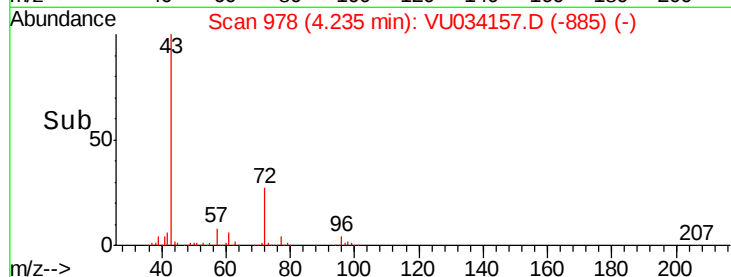
200000

100000

0

4.20 4.30

Time-->



#26

2,2-Dichloropropane

Concen: 33.782 ug/l

RT: 4.20 min Scan# 968

Delta R.T. 0.00 min

Lab File: VU034157.D

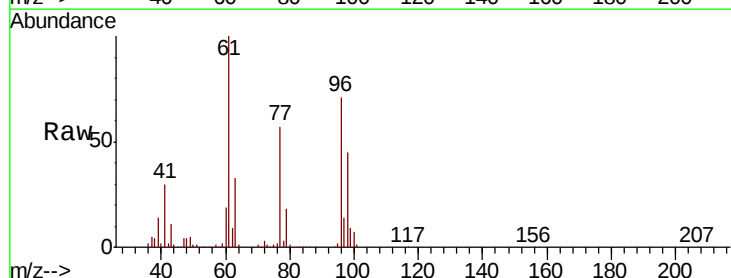
Acq: 01 Sep 2019 05:38

Tgt Ion: 77 Resp: 225782

Ion Ratio Lower Upper

77 100

97 25.2 11.6 34.7



Abundance Ion 76.90 (76.60 to 77.60): VU034018.D (-943) (-)

Ion 96.90 (96.60 to 97.60): VU034018.D (-943) (-)

4.20

100000

80000

60000

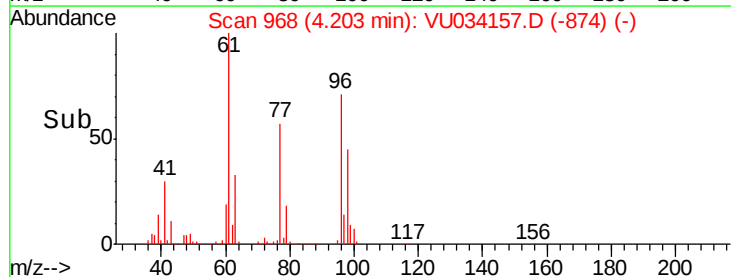
40000

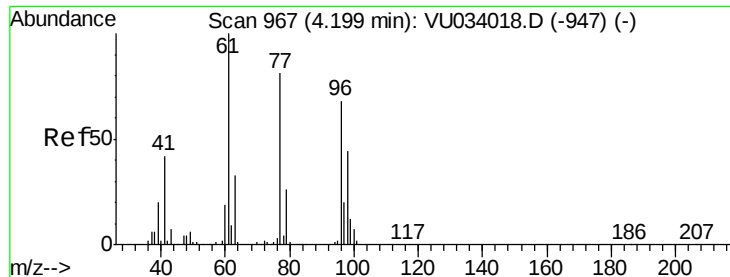
20000

0

4.10 4.20 4.30

Time-->



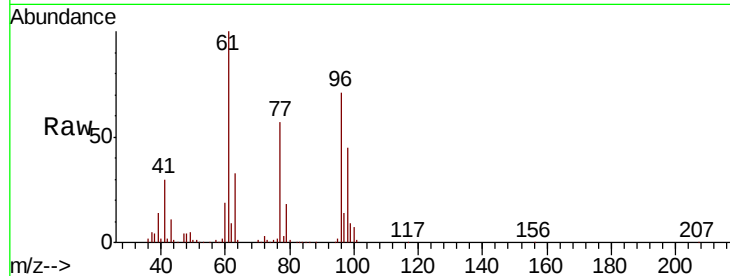


#27

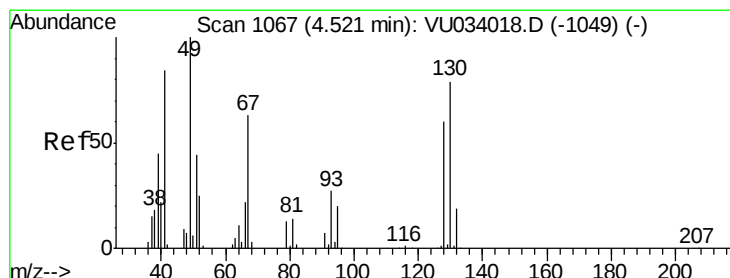
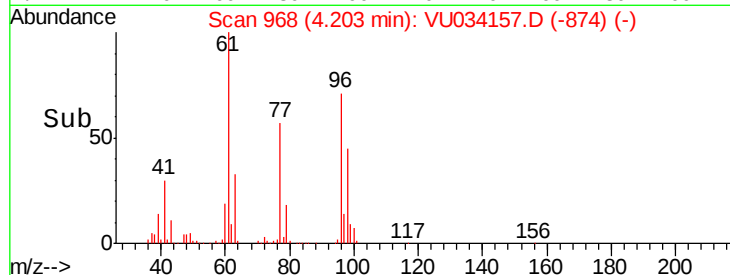
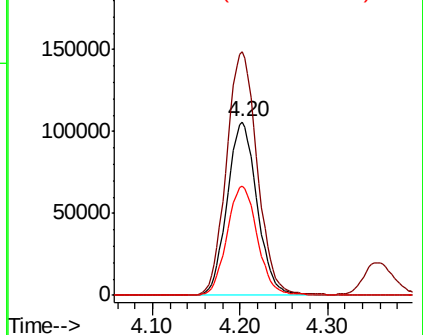
cis-1,2-Dichloroethene
Concen: 51.344 ug/l
RT: 4.20 min Scan# 968
Delta R.T. 0.00 min
Lab File: VU034157.D
Acq: 01 Sep 2019 05:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 252569
Ion Ratio Lower Upper
96 100
61 144.0 0.0 303.0
98 63.7 0.0 129.2



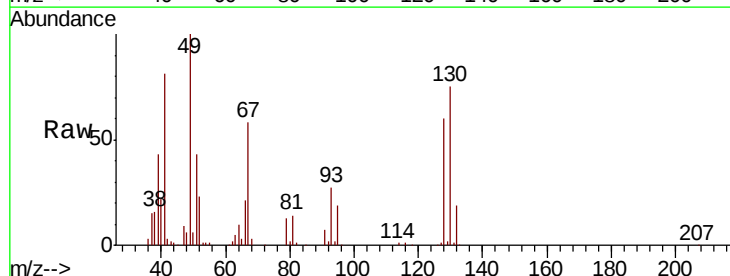
Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



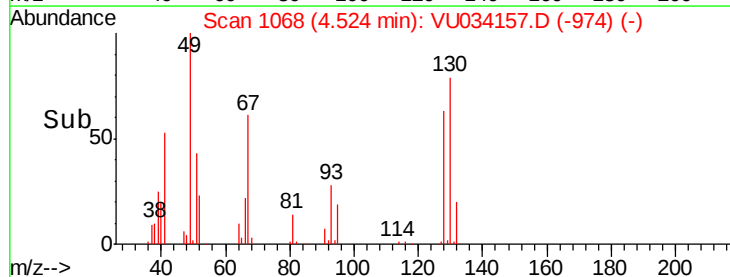
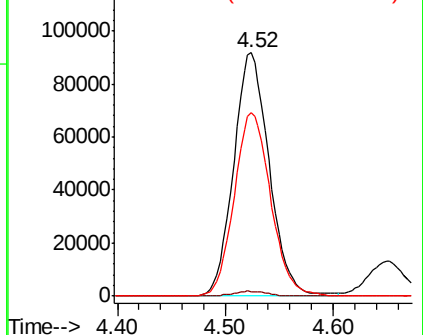
#28

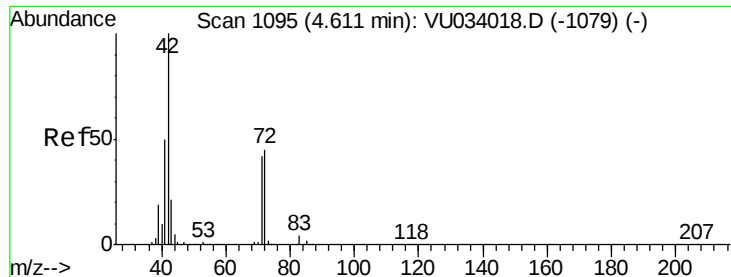
Bromochloromethane
Concen: 52.113 ug/l
RT: 4.52 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VU034157.D
Acq: 01 Sep 2019 05:38

Tgt Ion: 49 Resp: 210892
Ion Ratio Lower Upper
49 100
129 2.0 0.0 3.6
130 77.1 62.8 94.2



Abundance Ion 48.90 (48.60 to 49.60): VU0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

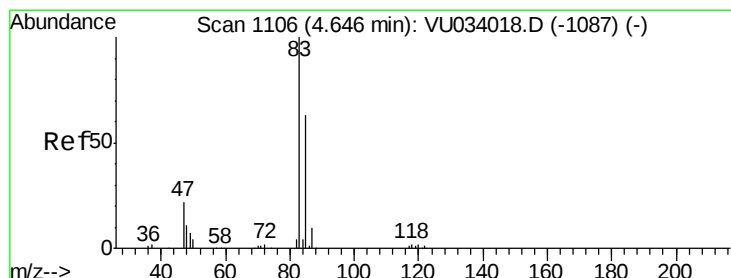
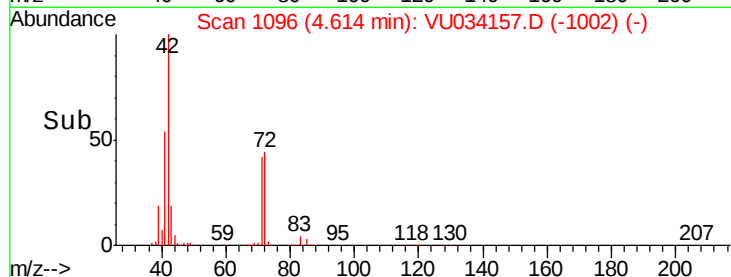
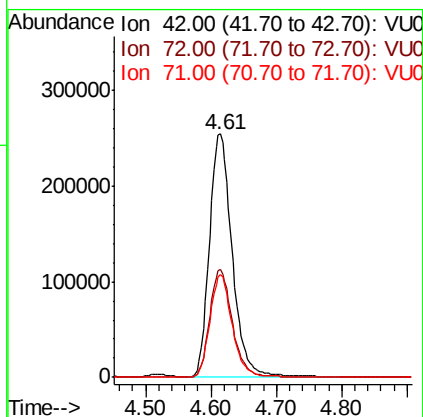
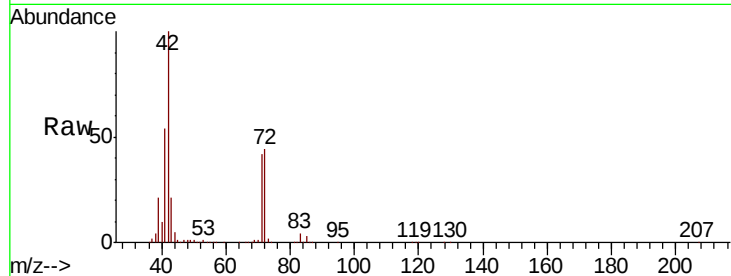




#29
Tetrahydrofuran
Concen: 270.350 ug/l
RT: 4.61 min Scan# 1096
Delta R.T. 0.00 min
Lab File: VU034157.D
Acq: 01 Sep 2019 05:38

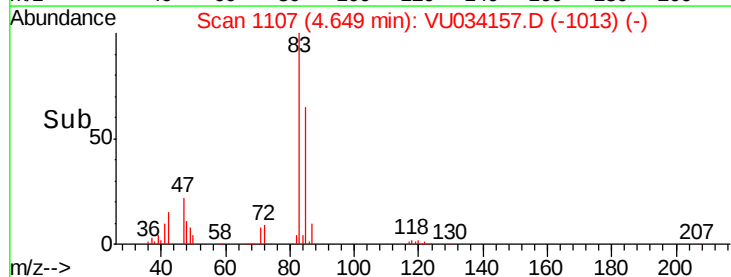
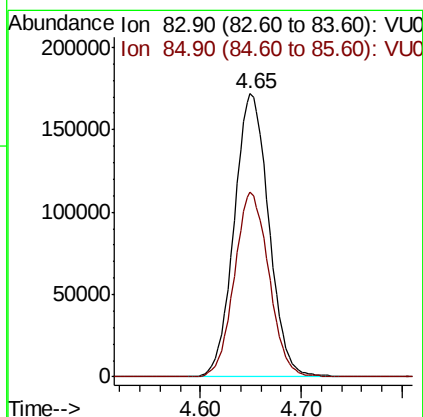
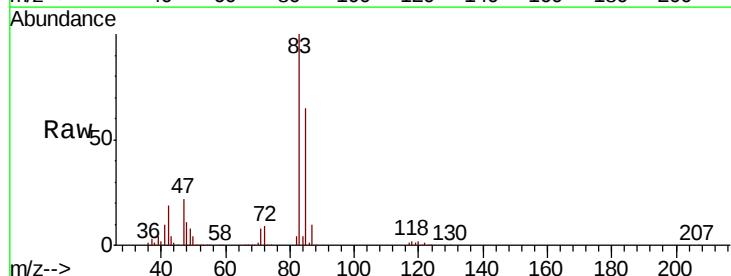
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

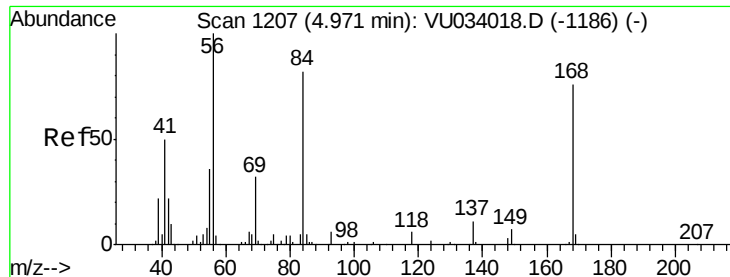
Tgt Ion: 42 Resp: 611731
Ion Ratio Lower Upper
42 100
72 44.5 35.8 53.6
71 41.6 34.0 51.0



#30
Chloroform
Concen: 49.902 ug/l
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU034157.D
Acq: 01 Sep 2019 05:38

Tgt Ion: 83 Resp: 408959
Ion Ratio Lower Upper
83 100
85 65.3 50.7 76.1

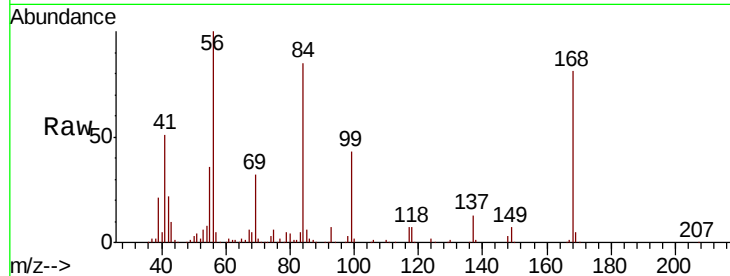




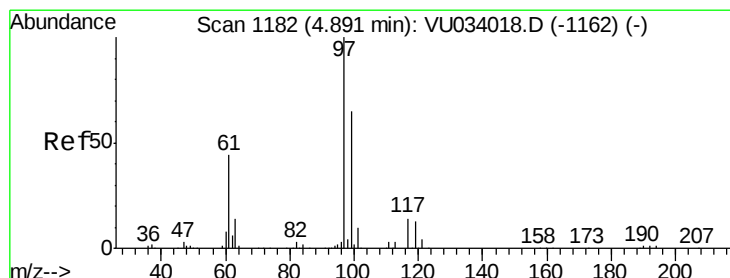
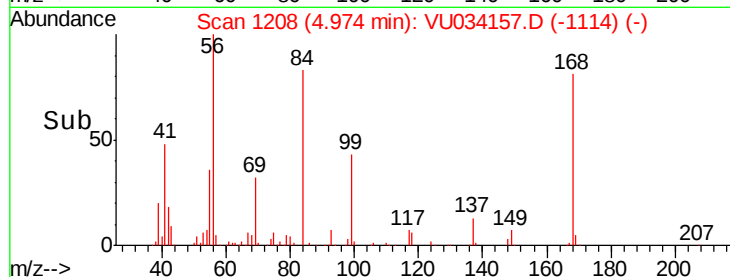
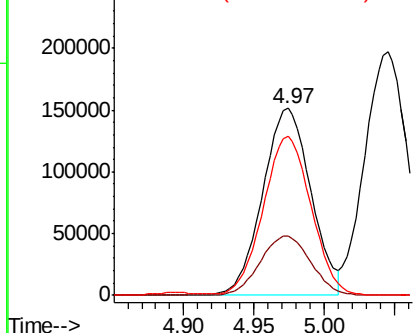
#31
Cyclohexane
Concen: 46.709 ug/l
RT: 4.97 min Scan# 1208
Delta R.T. 0.00 min
Lab File: VU034157.D
Acq: 01 Sep 2019 05:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 360509
Ion Ratio Lower Upper
56 100
69 31.6 25.4 38.0
84 83.8 65.8 98.8

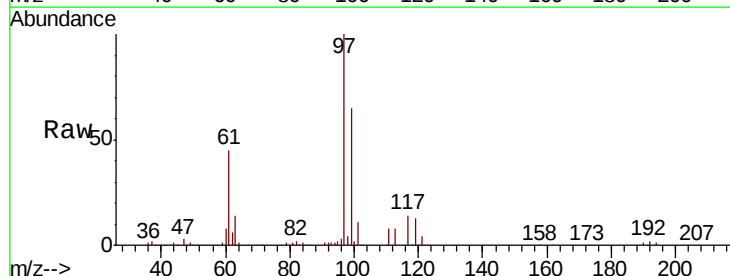


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

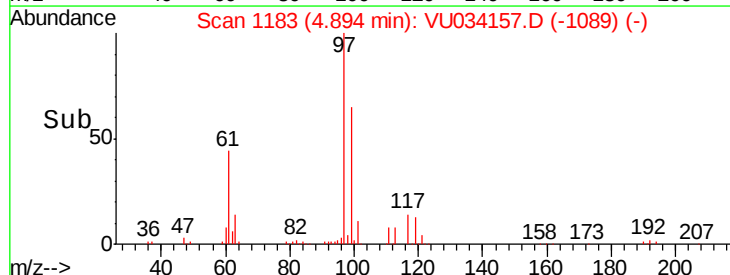
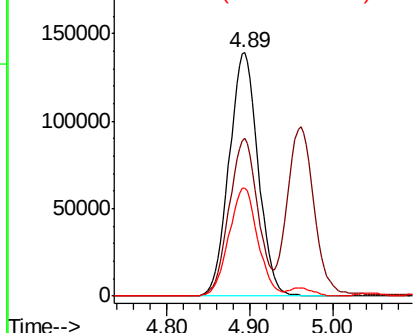


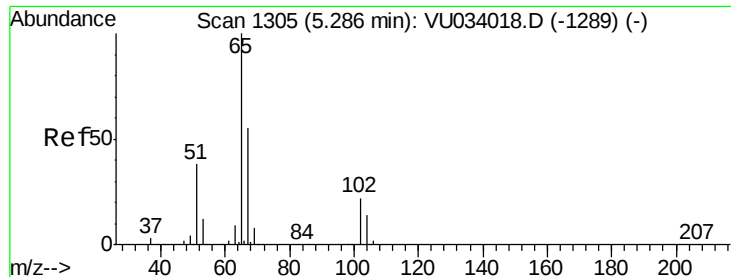
#32
1,1,1-Trichloroethane
Concen: 50.505 ug/l
RT: 4.89 min Scan# 1183
Delta R.T. 0.00 min
Lab File: VU034157.D
Acq: 01 Sep 2019 05:38

Tgt Ion: 97 Resp: 338988
Ion Ratio Lower Upper
97 100
99 64.6 51.8 77.6
61 44.3 35.3 52.9



Abundance Ion 96.90 (96.60 to 97.60): VU0
Ion 98.90 (98.60 to 99.60): VU0
Ion 60.90 (60.60 to 61.60): VU0





#33

1,2-Dichloroethane-d4

Concen: 49.697 ug/l

RT: 5.29 min Scan# 1305

Delta R.T. 0.00 min

Lab File: VU034157.D

Acq: 01 Sep 2019 05:38

Instrument :

MSVOA_U

ClientSampleId :

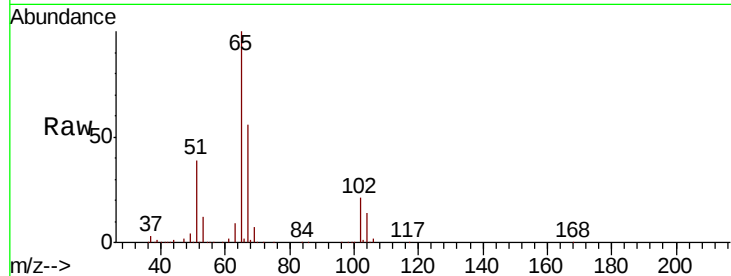
VSTDCCC050EC

Tgt Ion: 65 Resp: 256862

Ion Ratio Lower Upper

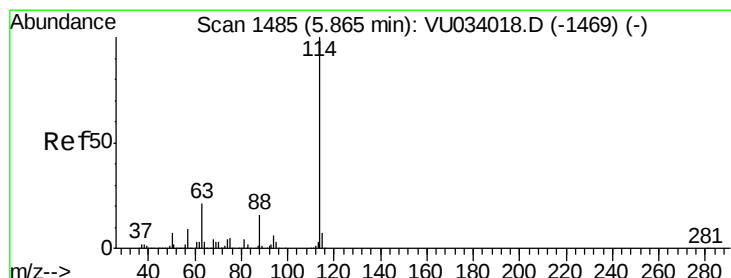
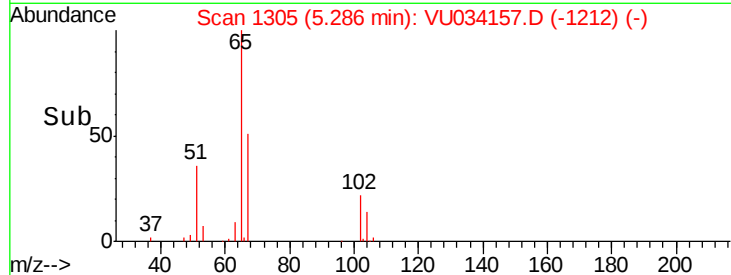
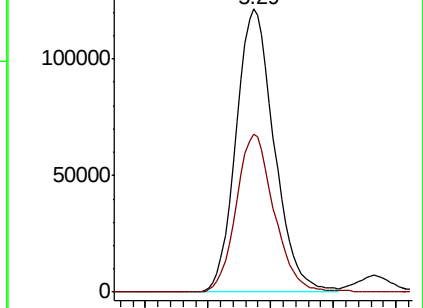
65 100

67 55.5 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU034018.D (-1289) (-)

Ion 66.90 (66.60 to 67.60): VU034018.D (-1289) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.86 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VU034157.D

Acq: 01 Sep 2019 05:38

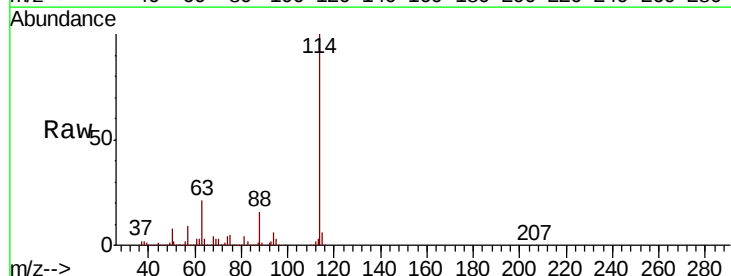
Tgt Ion: 114 Resp: 652121

Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.0

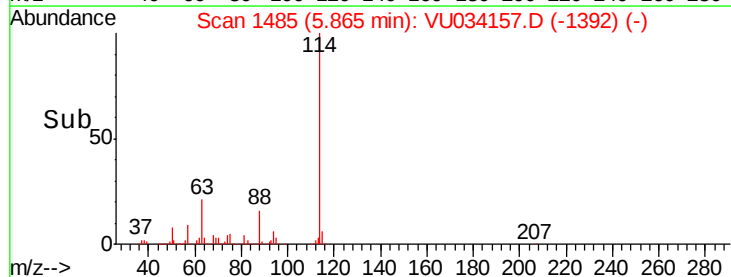
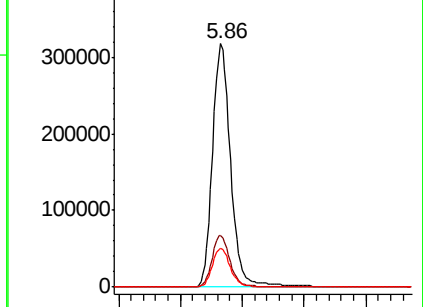
88 16.1 0.0 32.0

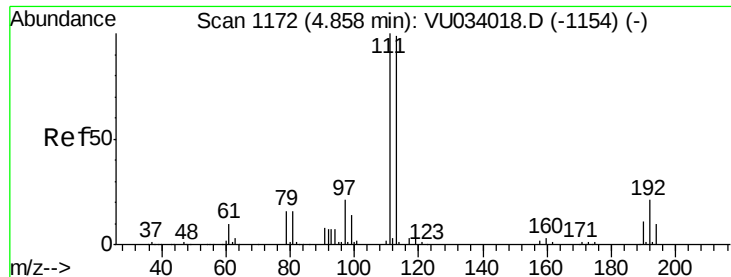


Abundance Ion 113.90 (113.60 to 114.60): VU034018.D (-1469) (-)

Ion 63.00 (62.70 to 63.70): VU034018.D (-1469) (-)

Ion 87.90 (87.60 to 88.60): VU034018.D (-1469) (-)

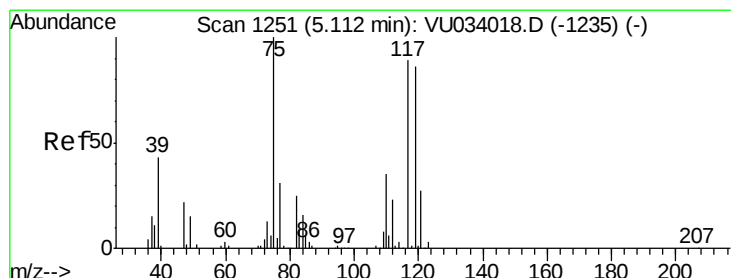
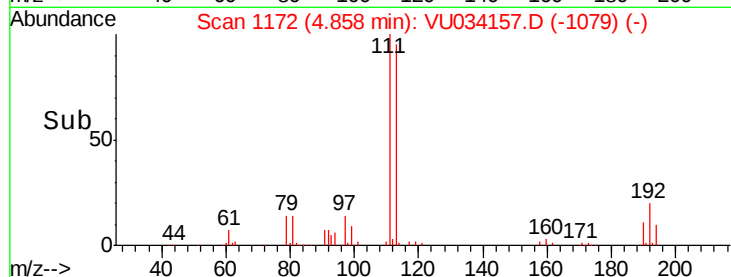
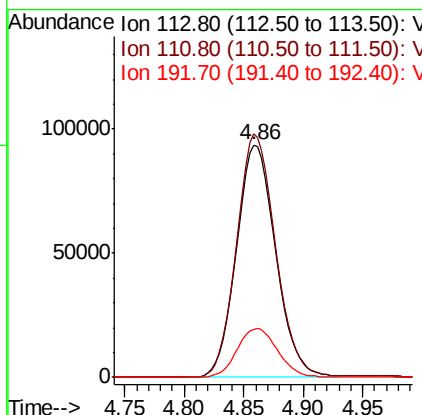
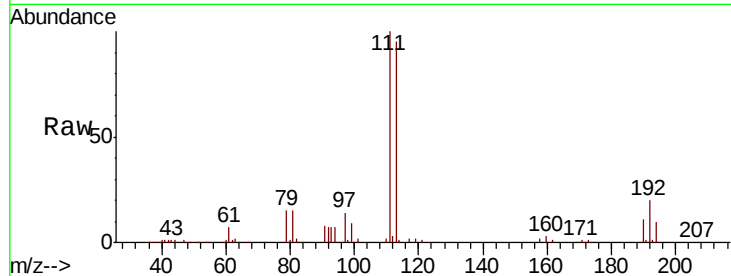




#35
 Dibromofluoromethane
 Concen: 47.492 ug/l
 RT: 4.86 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: VU034157.D
 Acq: 01 Sep 2019 05:38

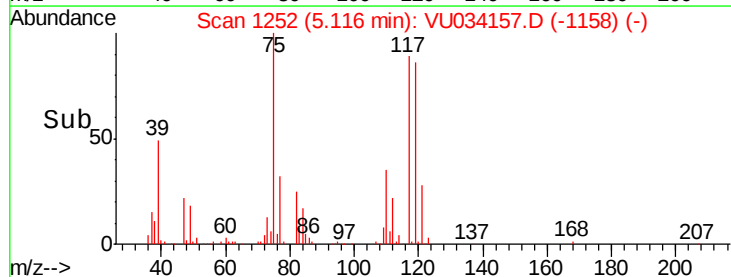
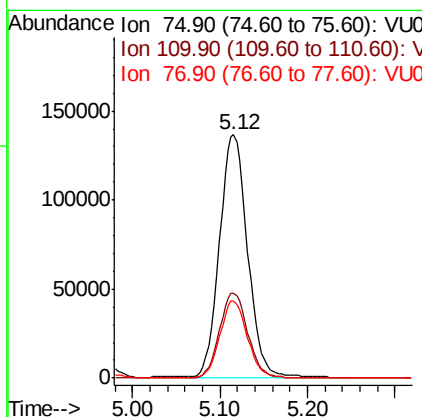
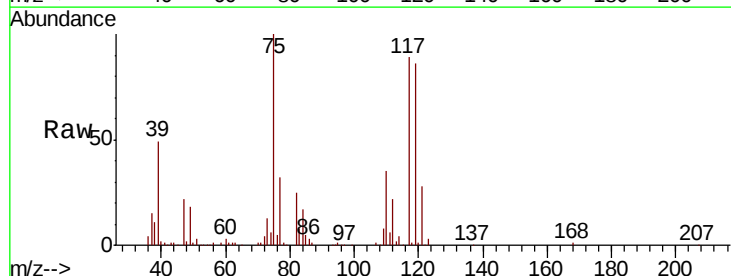
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

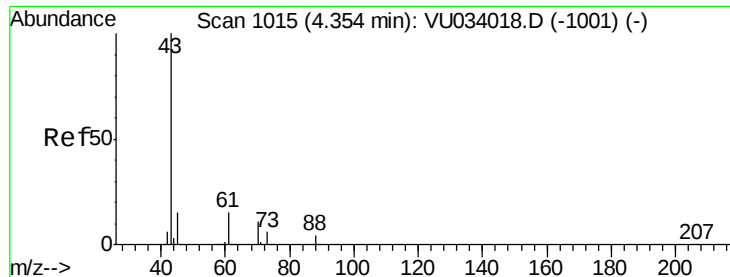
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.7	122.5
192	21.8	17.1	25.7



#36
 1,1-Dichloropropene
 Concen: 49.008 ug/l
 RT: 5.12 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VU034157.D
 Acq: 01 Sep 2019 05:38

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.5	17.8	53.5
77	31.2	25.0	37.4

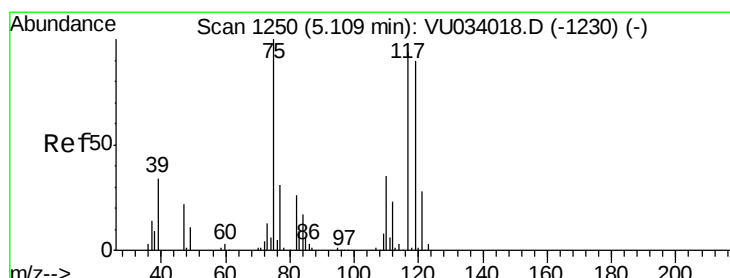
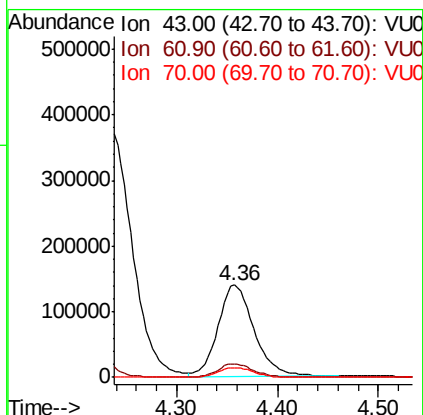
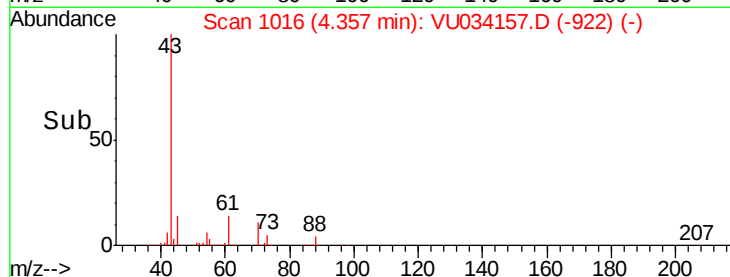
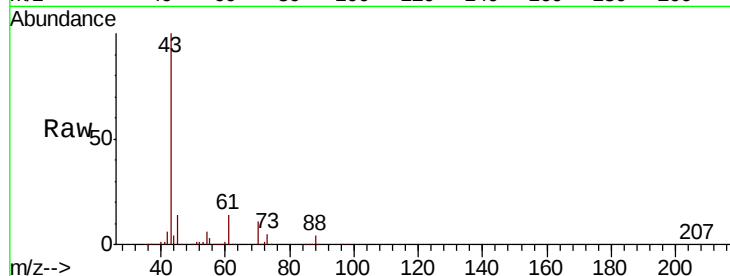




#37
Ethyl Acetate
Concen: 49.998 ug/l
RT: 4.36 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VU034157.D
Acq: 01 Sep 2019 05:38

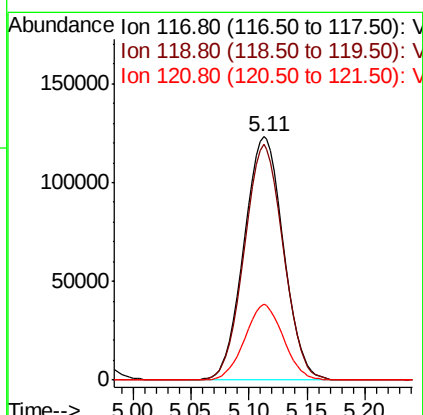
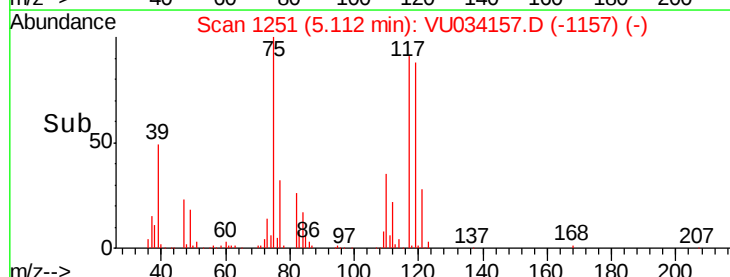
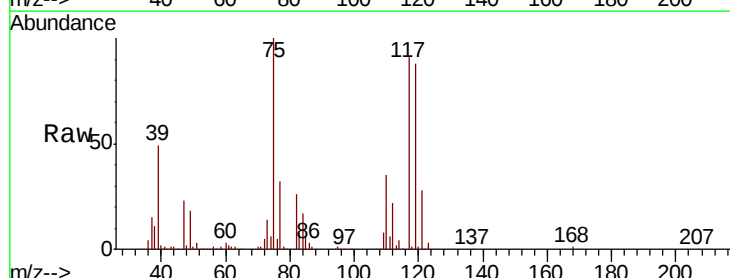
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

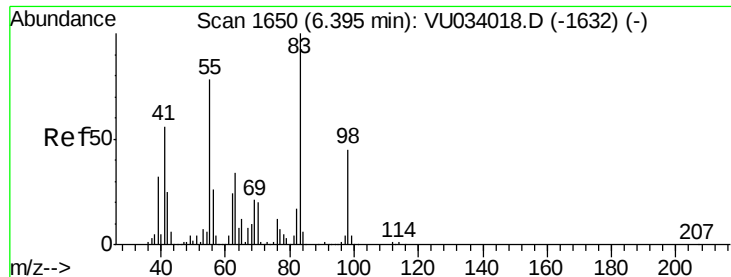
Tgt Ion: 43 Resp: 345351
Ion Ratio Lower Upper
43 100
61 14.1 11.5 17.3
70 10.9 8.6 12.8



#38
Carbon Tetrachloride
Concen: 48.836 ug/l
RT: 5.11 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VU034157.D
Acq: 01 Sep 2019 05:38

Tgt Ion: 117 Resp: 290767
Ion Ratio Lower Upper
117 100
119 96.8 77.0 115.4
121 31.2 23.9 35.9

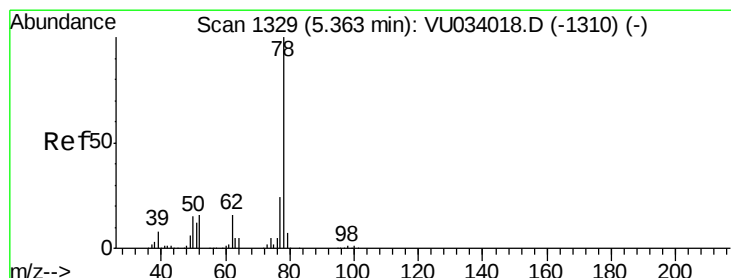
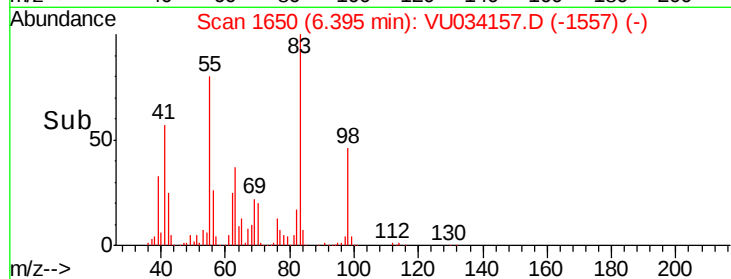
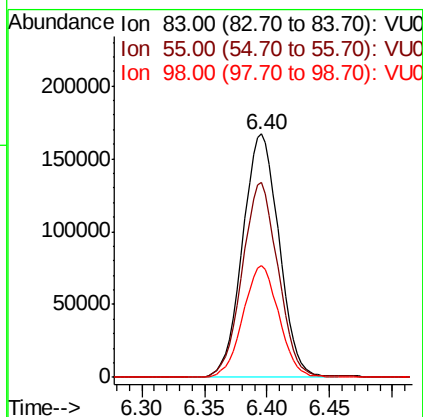
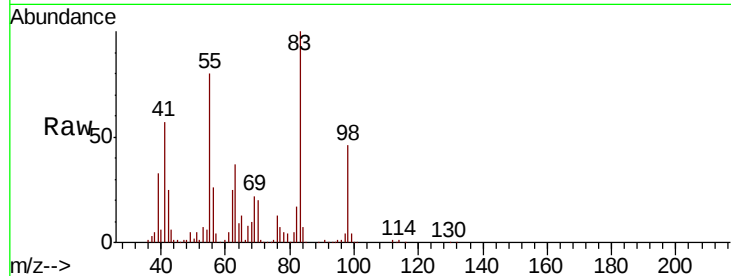




#39
Methylcyclohexane
Concen: 46.480 ug/l
RT: 6.40 min Scan# 1650
Delta R.T. 0.00 min
Lab File: VU034157.D
Acq: 01 Sep 2019 05:38

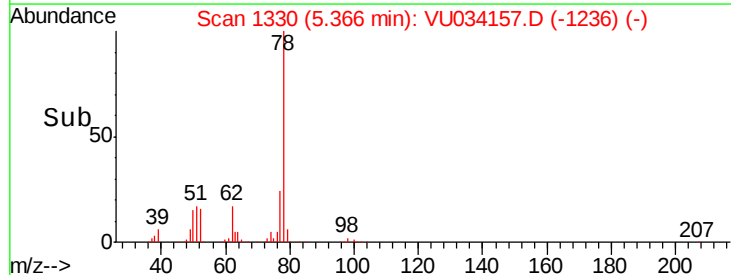
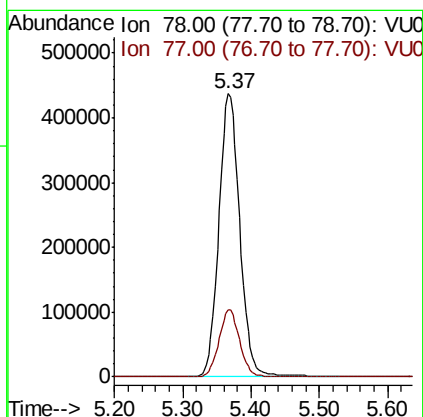
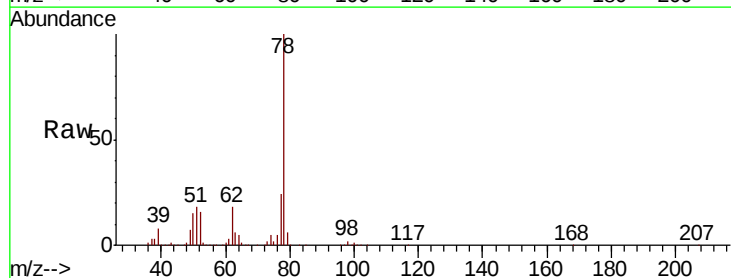
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

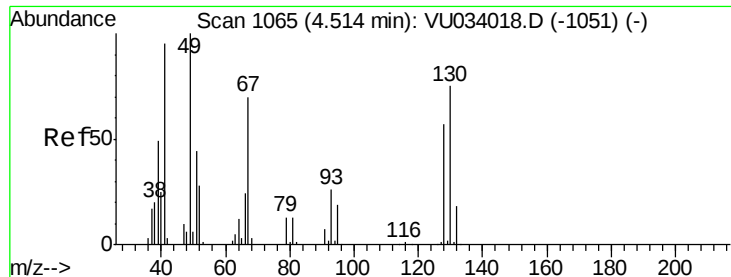
Tgt Ion: 83 Resp: 337910
Ion Ratio Lower Upper
83 100
55 80.2 62.3 93.5
98 46.0 36.2 54.2



#40
Benzene
Concen: 49.972 ug/l
RT: 5.37 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VU034157.D
Acq: 01 Sep 2019 05:38

Tgt Ion: 78 Resp: 932591
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6

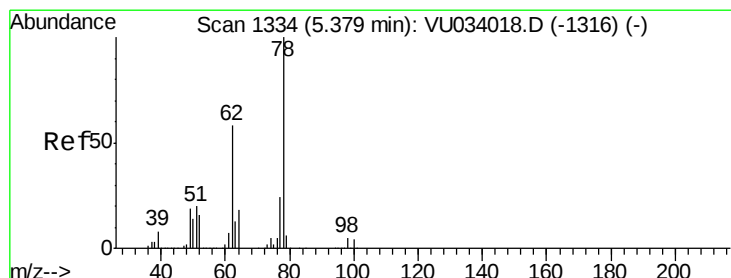
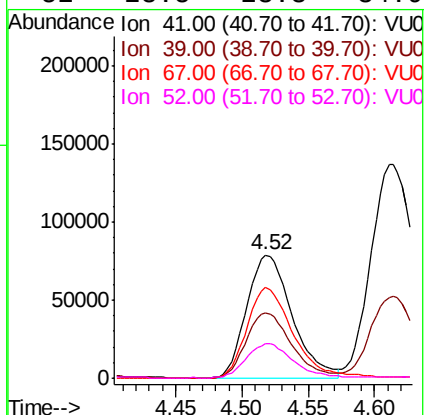
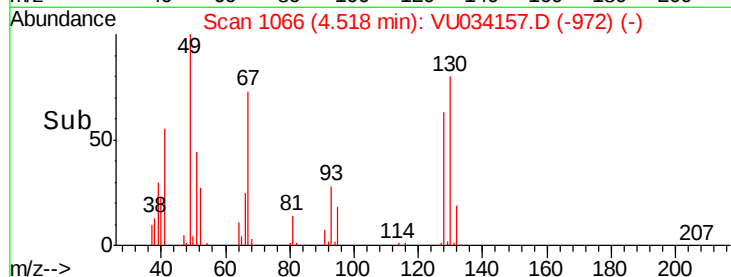
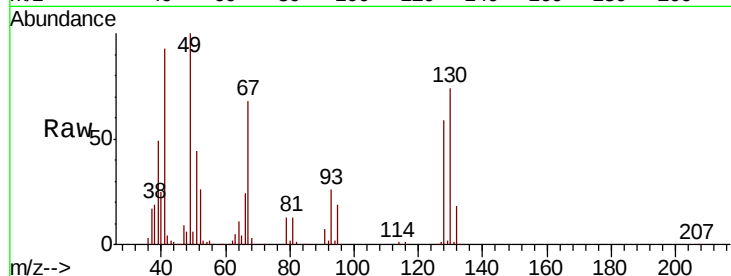




#41
Methacrylonitrile
Concen: 53.020 ug/l
RT: 4.52 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VU034157.D
Acq: 01 Sep 2019 05:38

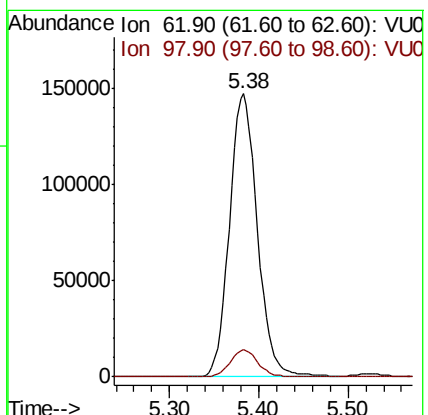
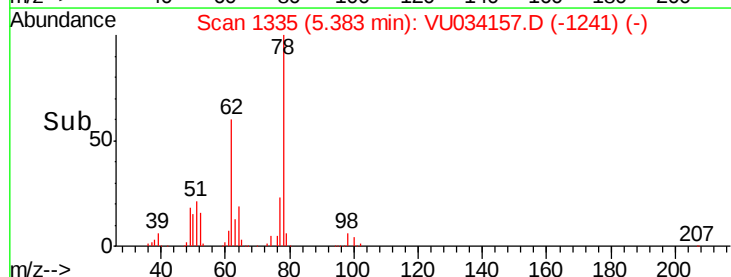
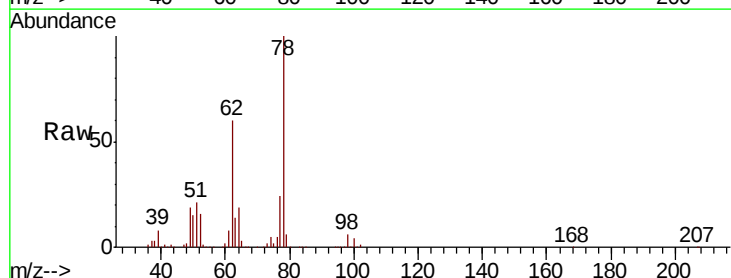
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

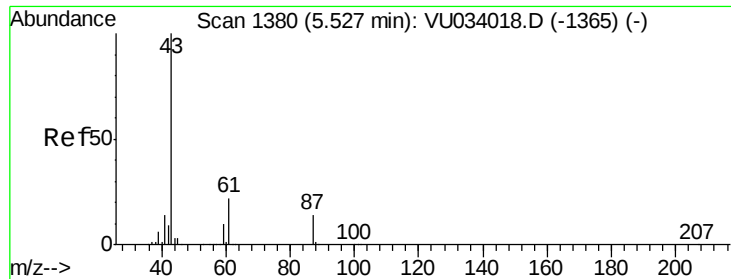
Tgt Ion: 41 Resp: 187822
Ion Ratio Lower Upper
41 100
39 53.0 42.1 63.1
67 75.4 61.0 91.4
52 28.5 23.3 34.9



#42
1,2-Dichloroethane
Concen: 49.495 ug/l
RT: 5.38 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VU034157.D
Acq: 01 Sep 2019 05:38

Tgt Ion: 62 Resp: 318967
Ion Ratio Lower Upper
62 100
98 9.6 0.0 18.2

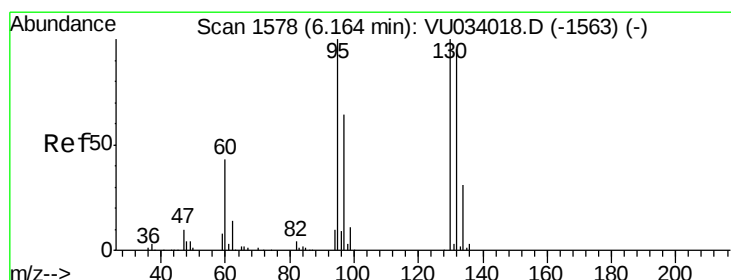
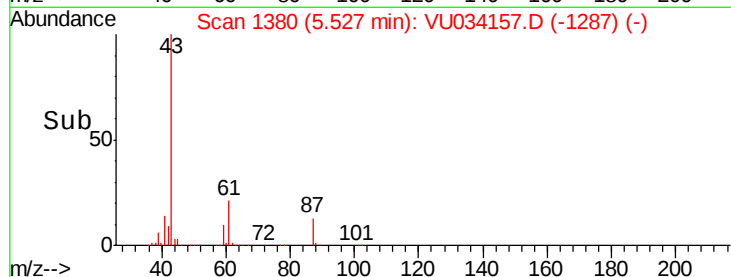
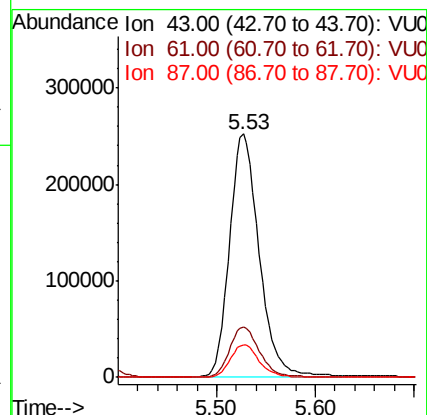
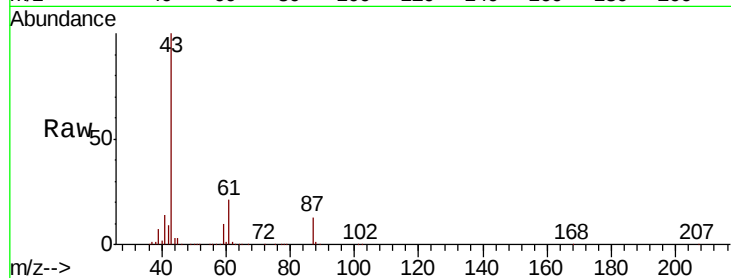




#43
Isopropyl Acetate
Concen: 50.321 ug/l
RT: 5.53 min Scan# 1380
Delta R.T. 0.00 min
Lab File: VU034157.D
Acq: 01 Sep 2019 05:38

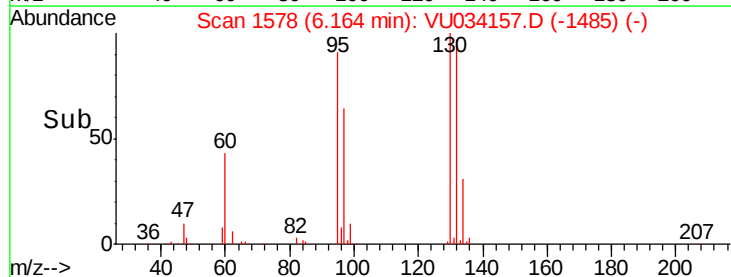
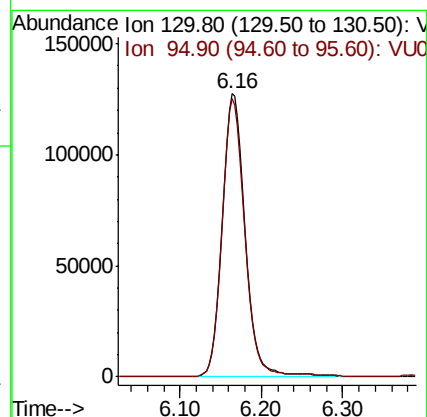
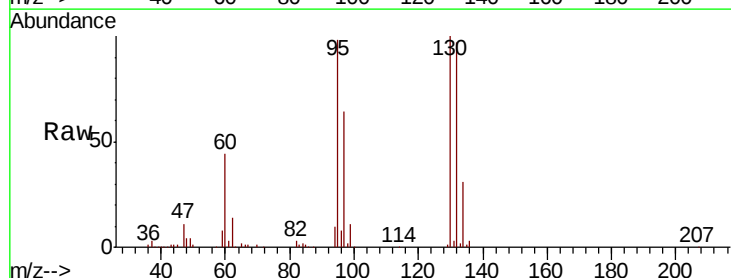
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 528794
Ion Ratio Lower Upper
43 100
61 21.1 17.2 25.8
87 13.2 10.8 16.2



#44
Trichloroethene
Concen: 51.877 ug/l
RT: 6.16 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VU034157.D
Acq: 01 Sep 2019 05:38

Tgt Ion: 130 Resp: 254233
Ion Ratio Lower Upper
130 100
95 98.3 0.0 199.6

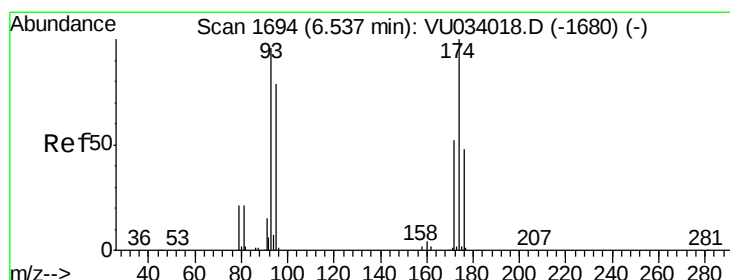
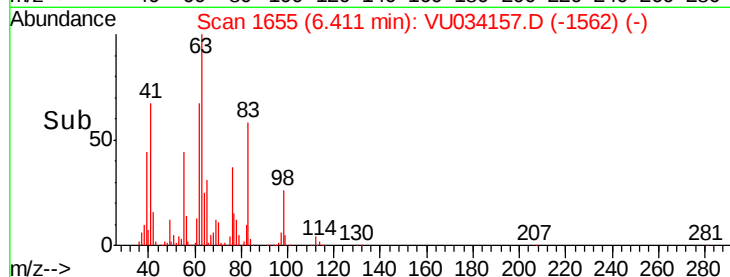
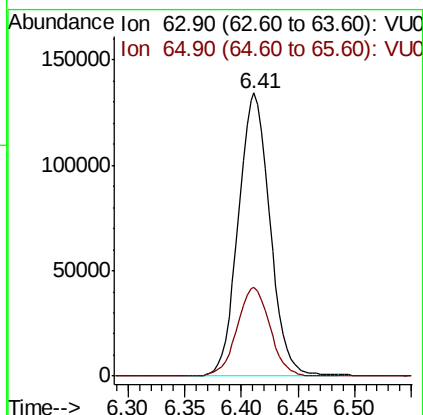
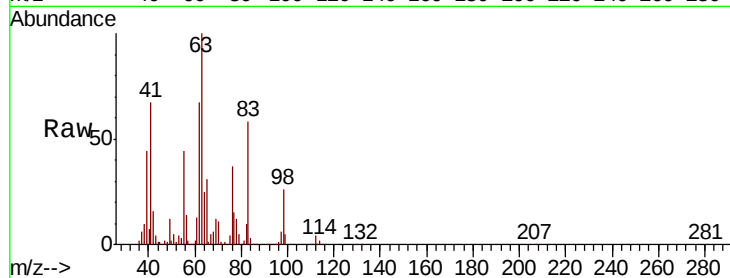




#45
 1,2-Dichloropropane
 Concen: 50.977 ug/l
 RT: 6.41 min Scan# 1655
 Delta R.T. 0.00 min
 Lab File: VU034157.D
 Acq: 01 Sep 2019 05:38

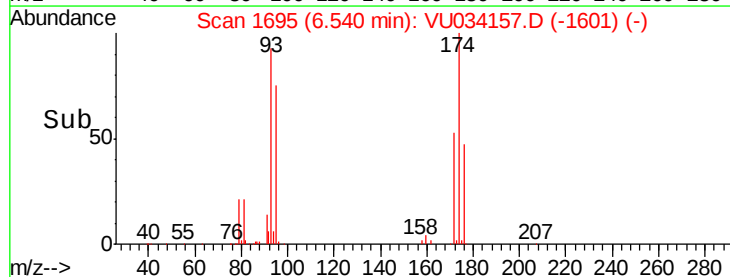
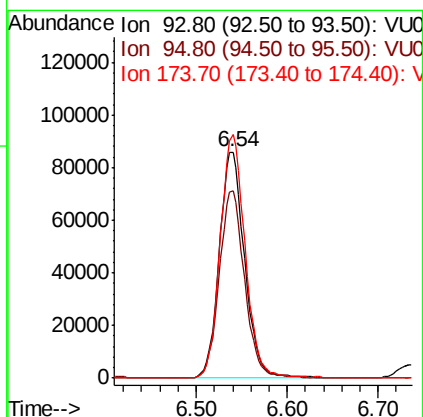
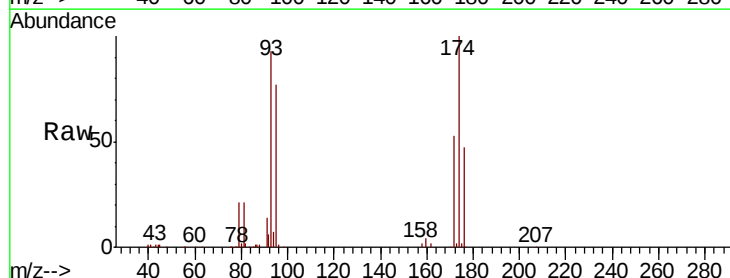
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 63 Resp: 261881
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.4 38.2



#46
 Dibromomethane
 Concen: 50.228 ug/l
 RT: 6.54 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: VU034157.D
 Acq: 01 Sep 2019 05:38

Tgt Ion: 93 Resp: 166241
 Ion Ratio Lower Upper
 93 100
 95 82.1 66.7 100.1
 174 105.9 84.9 127.3





#47

Bromodichloromethane

Concen: 50.602 ug/l

RT: 6.74 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VU034157.D

Acq: 01 Sep 2019 05:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

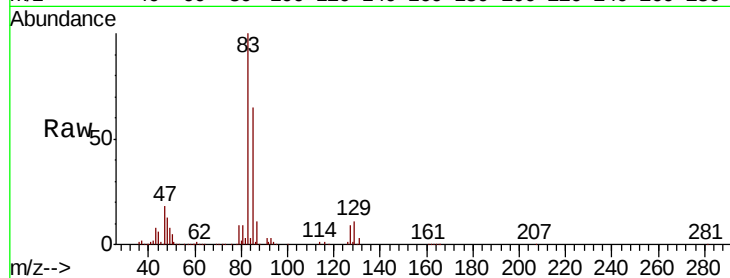
Tgt Ion: 83 Resp: 327667

Ion Ratio Lower Upper

83 100

85 64.8 51.2 76.8

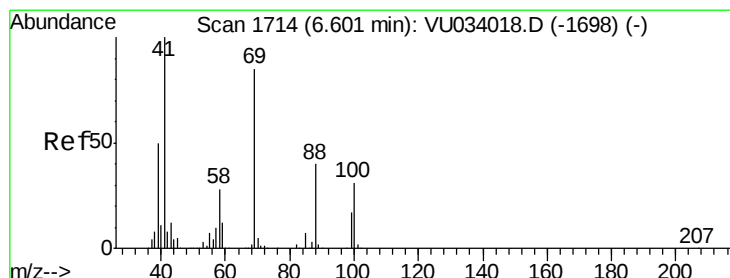
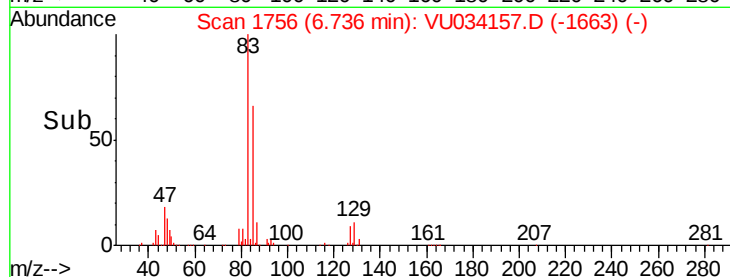
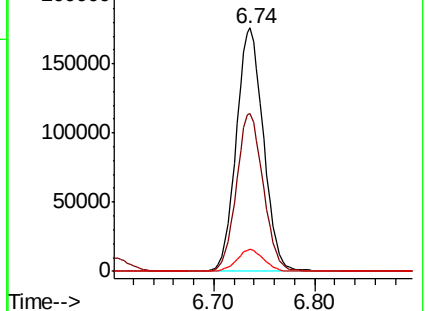
127 9.0 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VU034018.D (-1739) (-)

Ion 84.90 (84.60 to 85.60): VU034018.D (-1739) (-)

Ion 126.80 (126.50 to 127.50): VU034018.D (-1739) (-)



#48

Methyl methacrylate

Concen: 50.645 ug/l

RT: 6.60 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VU034157.D

Acq: 01 Sep 2019 05:38

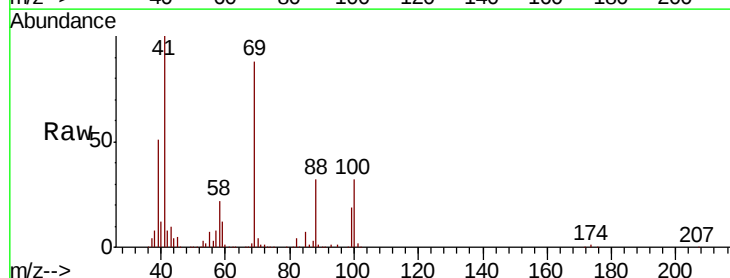
Tgt Ion: 41 Resp: 256814

Ion Ratio Lower Upper

41 100

69 89.6 69.5 104.3

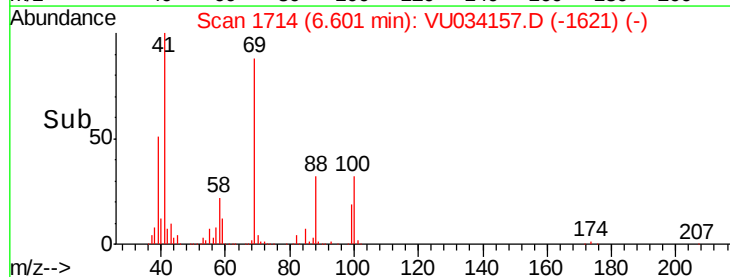
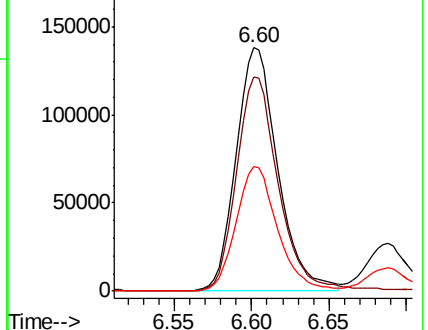
39 50.8 40.3 60.5



Abundance Ion 41.00 (40.70 to 41.70): VU034018.D (-1698) (-)

Ion 69.00 (68.70 to 69.70): VU034018.D (-1698) (-)

Ion 39.00 (38.70 to 39.70): VU034018.D (-1698) (-)

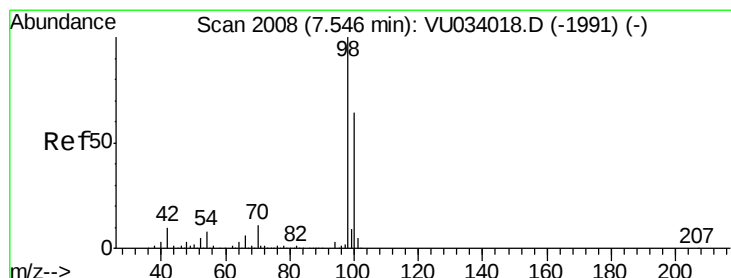
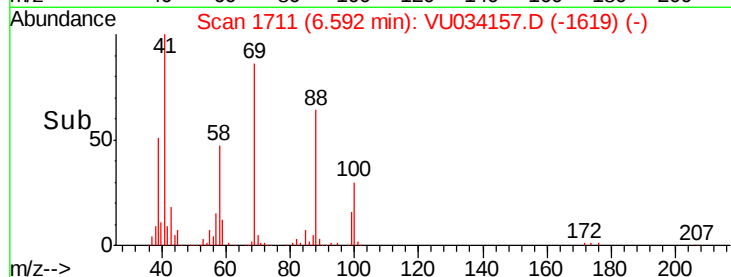
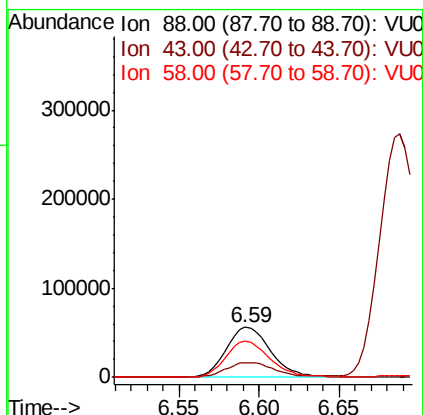
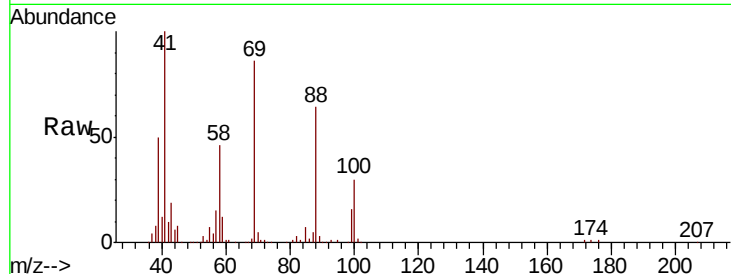




#49
1,4-Dioxane
Concen: 830.807 ug/l
RT: 6.59 min Scan# 1711
Delta R.T. -0.00 min
Lab File: VU034157.D
Acq: 01 Sep 2019 05:38

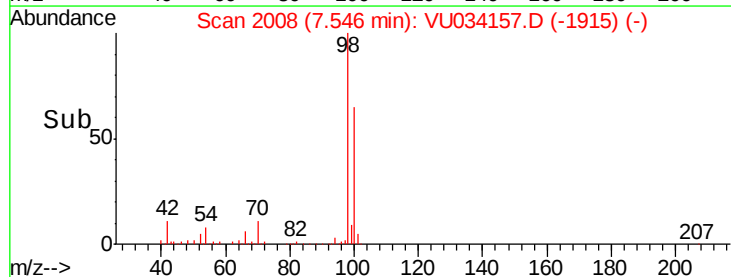
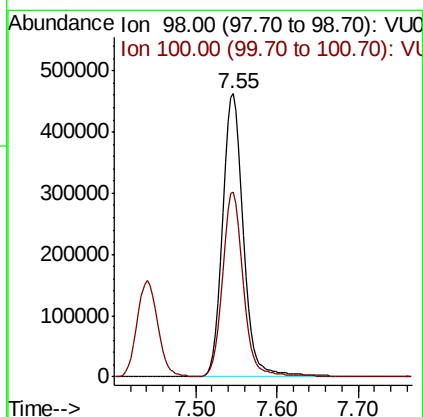
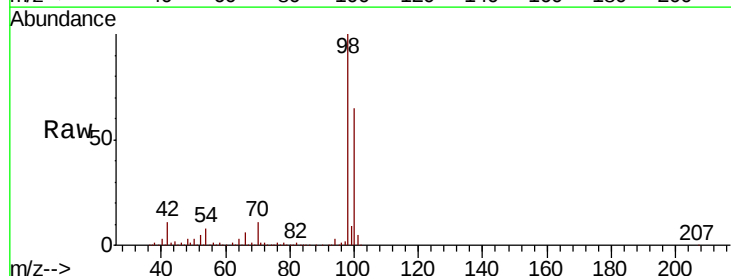
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

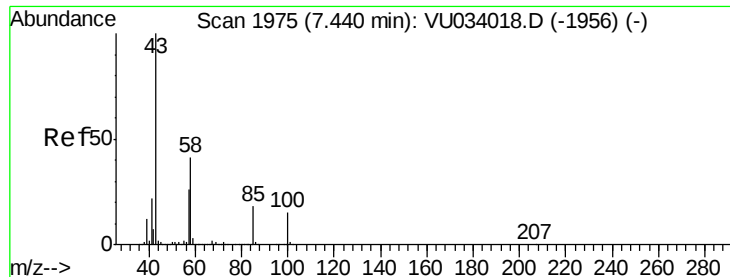
Tgt Ion: 88 Resp: 105557
Ion Ratio Lower Upper
88 100
43 30.4 24.8 37.2
58 73.6 59.3 88.9



#50
Toluene-d8
Concen: 49.715 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034157.D
Acq: 01 Sep 2019 05:38

Tgt Ion: 98 Resp: 841967
Ion Ratio Lower Upper
98 100
100 64.6 50.3 75.5

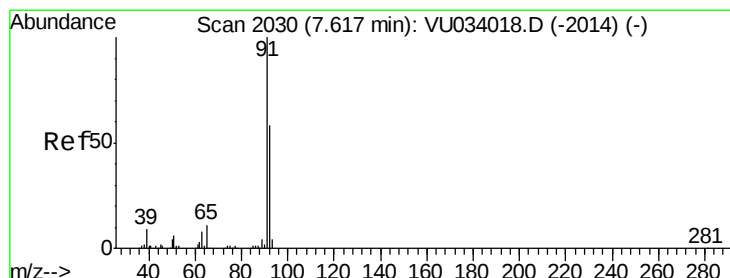
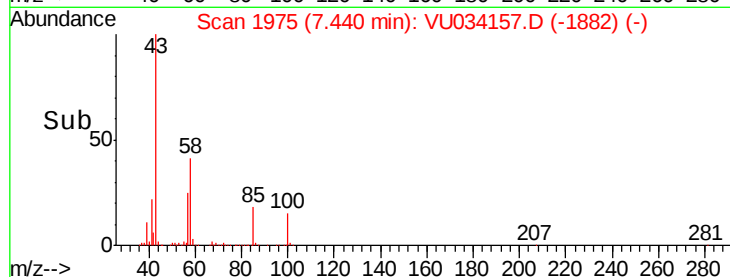
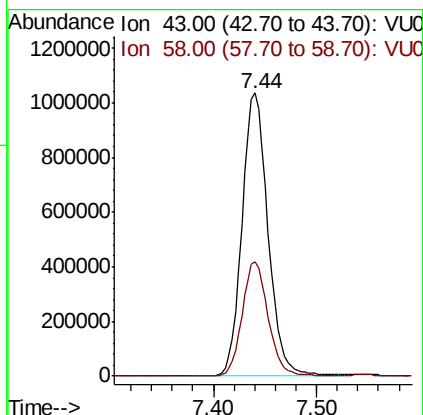
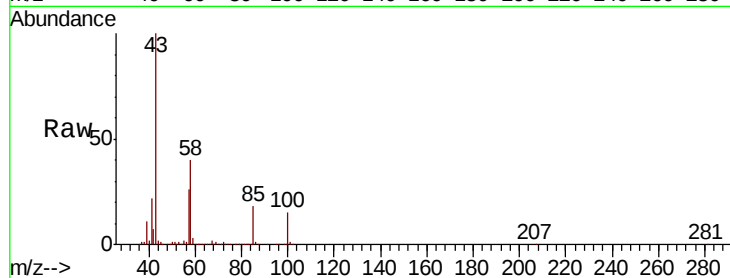




#51
 4-Methyl-2-Pentanone
 Concen: 249.558 ug/l
 RT: 7.44 min Scan# 1975
 Delta R.T. 0.00 min
 Lab File: VU034157.D
 Acq: 01 Sep 2019 05:38

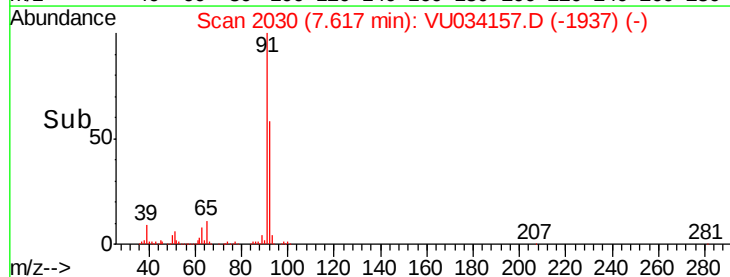
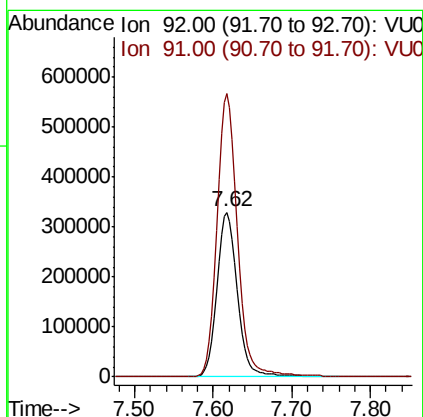
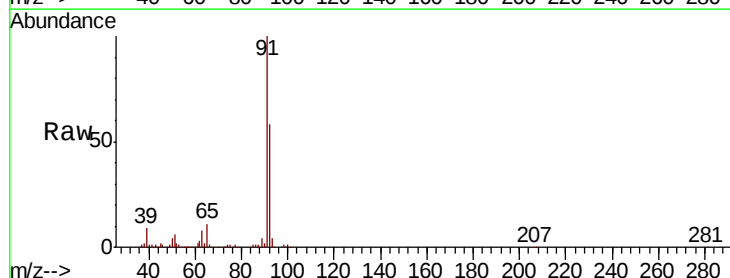
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

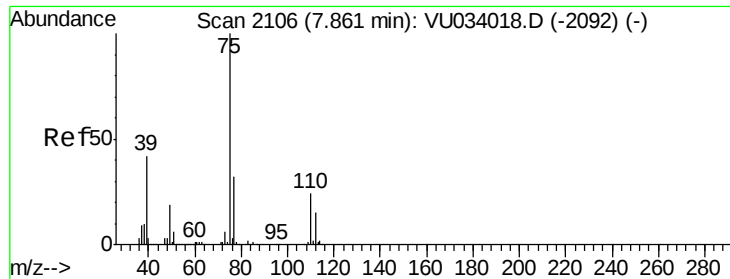
Tgt Ion: 43 Resp: 1811088
 Ion Ratio Lower Upper
 43 100
 58 40.5 32.2 48.4



#52
 Toluene
 Concen: 51.472 ug/l
 RT: 7.62 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: VU034157.D
 Acq: 01 Sep 2019 05:38

Tgt Ion: 92 Resp: 591741
 Ion Ratio Lower Upper
 92 100
 91 172.5 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 45.930 ug/l

RT: 7.86 min Scan# 2106

Delta R.T. 0.00 min

Lab File: VU034157.D

Acq: 01 Sep 2019 05:38

Instrument :

MSVOA_U

ClientSampleId :

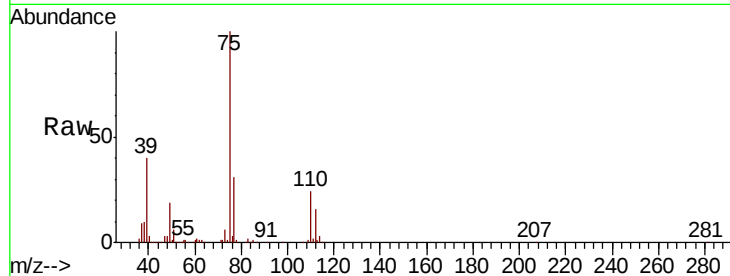
VSTDCCC050EC

Tgt Ion: 75 Resp: 330008

Ion Ratio Lower Upper

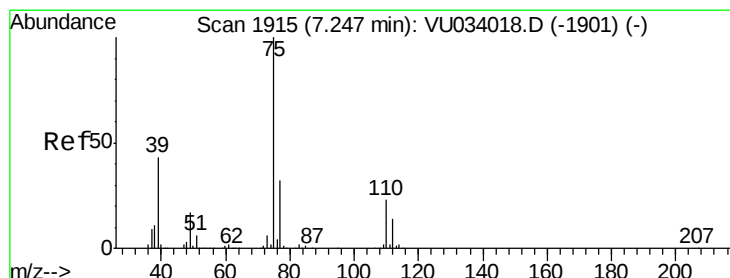
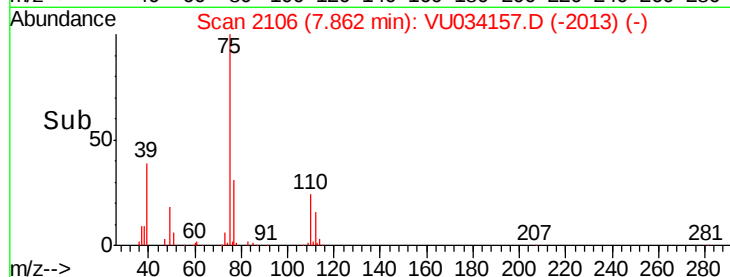
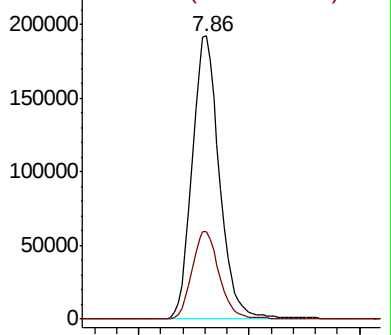
75 100

77 30.7 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



#54

cis-1,3-Dichloropropene

Concen: 47.769 ug/l

RT: 7.25 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VU034157.D

Acq: 01 Sep 2019 05:38

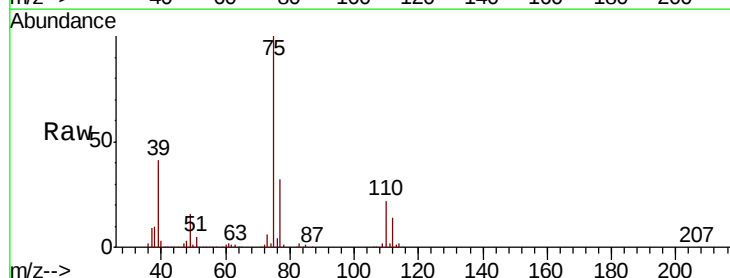
Tgt Ion: 75 Resp: 374976

Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8

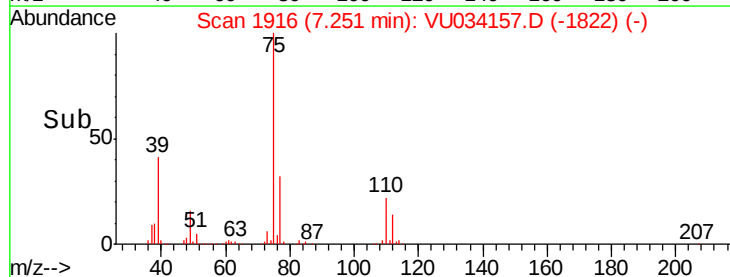
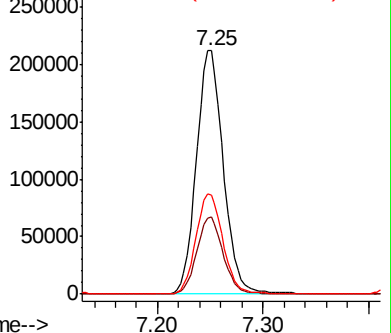
39 40.6 34.6 51.8

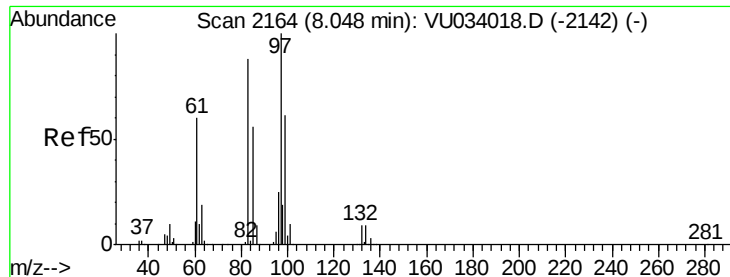


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0





#55

1,1,2-Trichloroethane

Concen: 50.507 ug/l

RT: 8.05 min Scan# 2164

Delta R.T. 0.00 min

Lab File: VU034157.D

Acq: 01 Sep 2019 05:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 245608

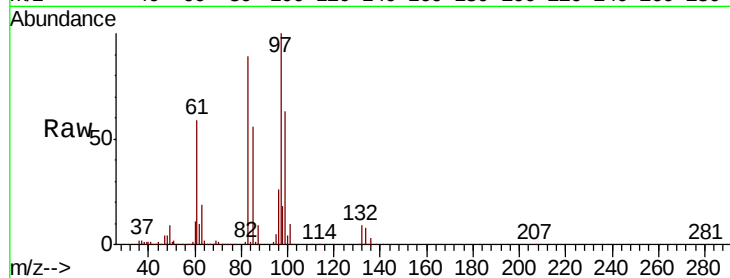
Ion Ratio Lower Upper

97 100

83 88.5 70.1 105.1

85 55.6 45.0 67.4

99 62.7 49.8 74.8

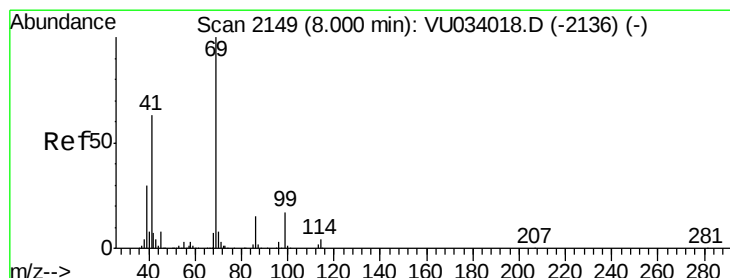
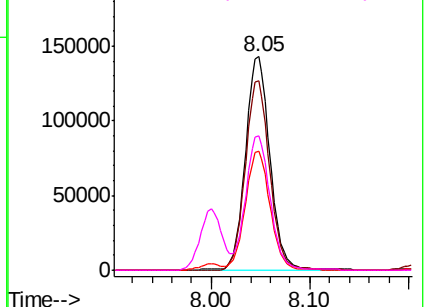
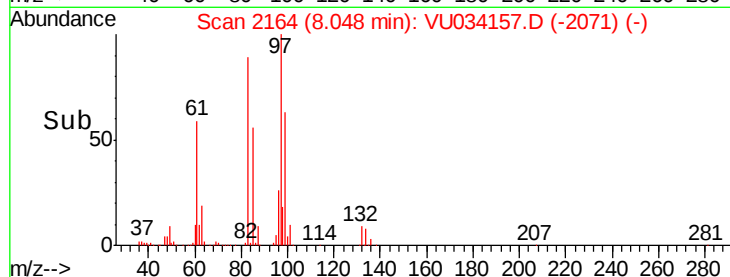


Abundance Ion 96.90 (96.60 to 97.60): VU0

Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

Ion 98.90 (98.60 to 99.60): VU0



#56

Ethyl methacrylate

Concen: 45.592 ug/l

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VU034157.D

Acq: 01 Sep 2019 05:38

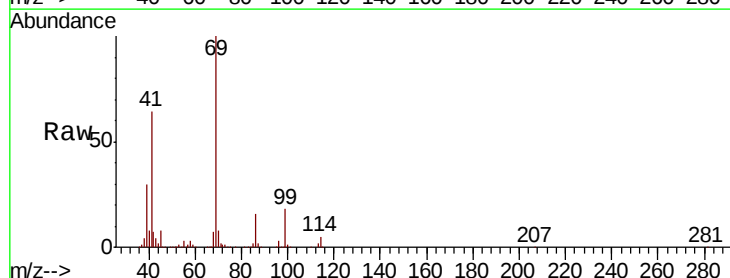
Tgt Ion: 69 Resp: 367045

Ion Ratio Lower Upper

69 100

41 64.0 50.7 76.1

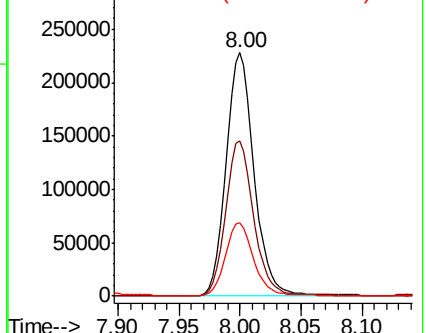
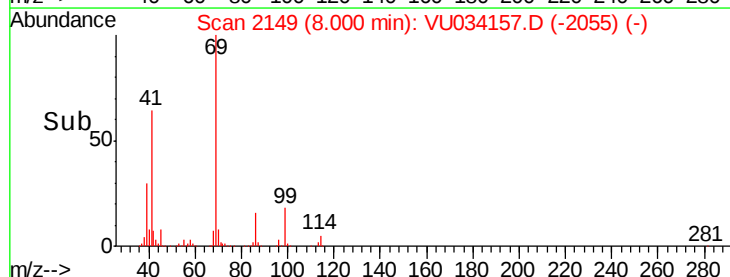
39 30.3 24.2 36.2

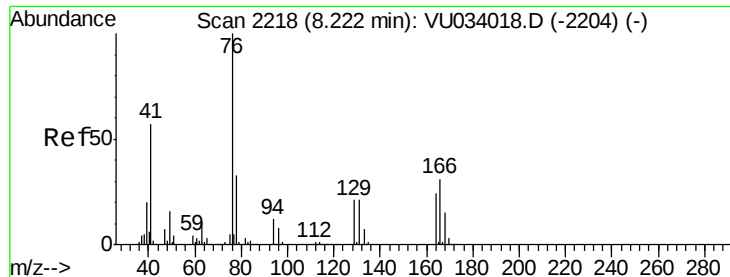


Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

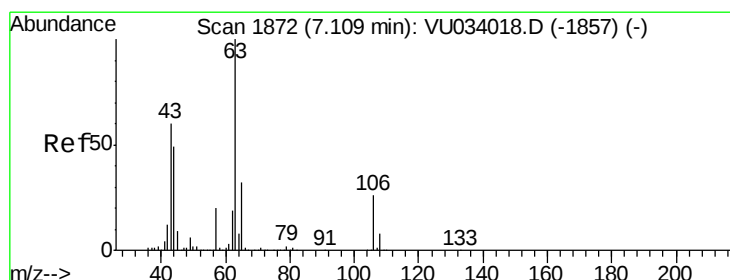
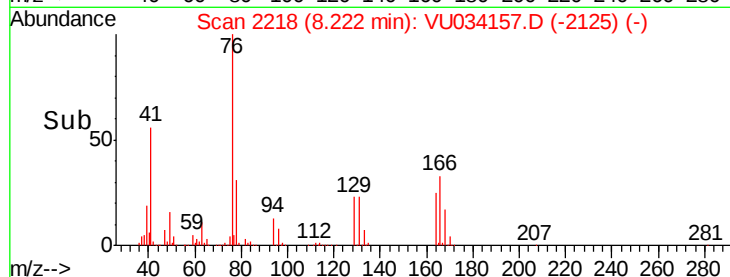
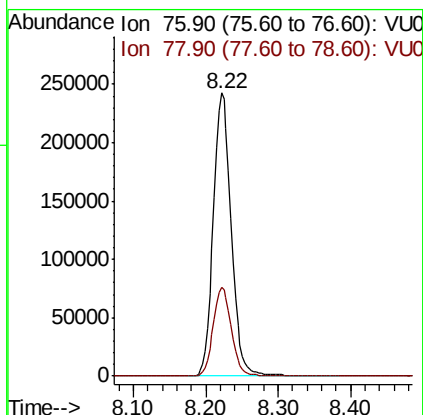
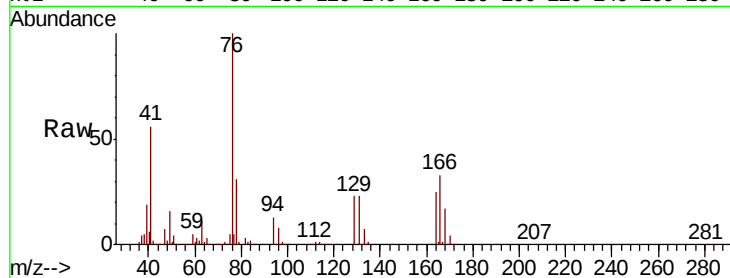




#57
 1,3-Dichloropropane
 Concen: 50.366 ug/l
 RT: 8.22 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: VU034157.D
 Acq: 01 Sep 2019 05:38

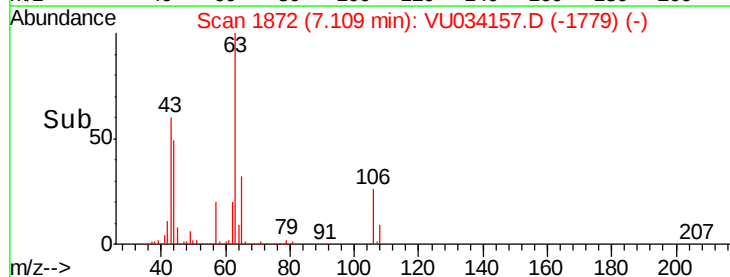
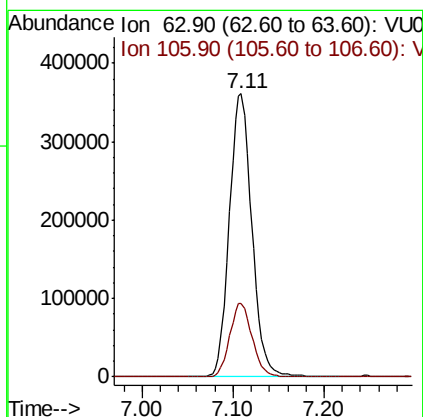
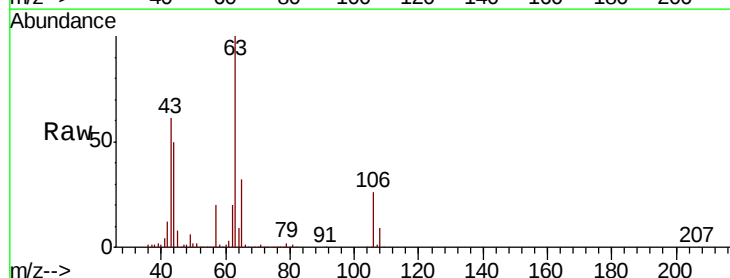
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

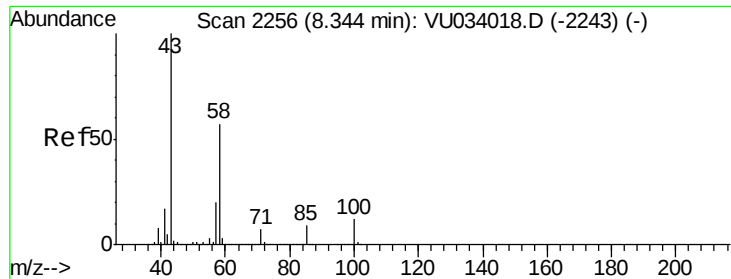
Tgt Ion: 76 Resp: 415861
 Ion Ratio Lower Upper
 76 100
 78 31.8 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 230.690 ug/l
 RT: 7.11 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VU034157.D
 Acq: 01 Sep 2019 05:38

Tgt Ion: 63 Resp: 620617
 Ion Ratio Lower Upper
 63 100
 106 25.9 20.7 31.1

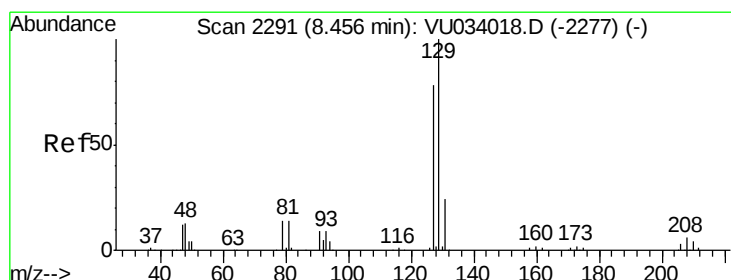
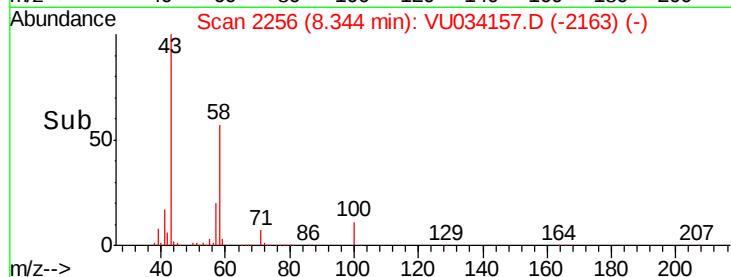
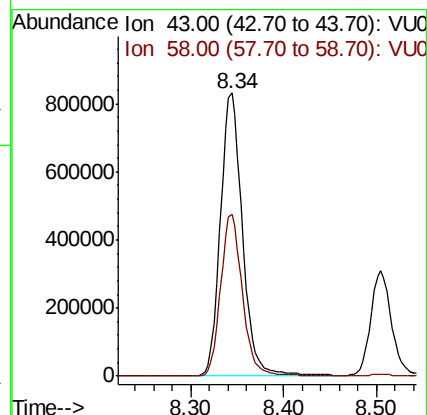
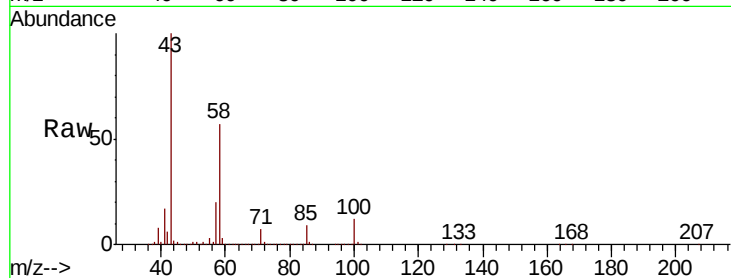




#59
2-Hexanone
Concen: 248.732 ug/l
RT: 8.34 min Scan# 2256
Delta R.T. 0.00 min
Lab File: VU034157.D
Acq: 01 Sep 2019 05:38

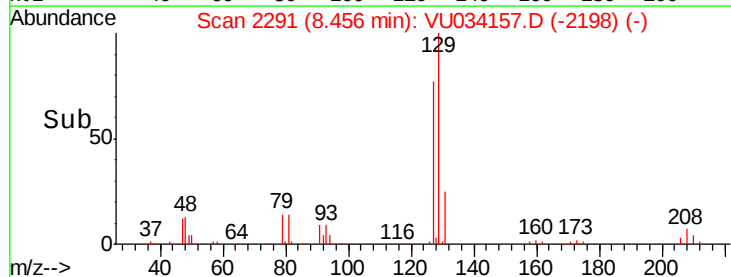
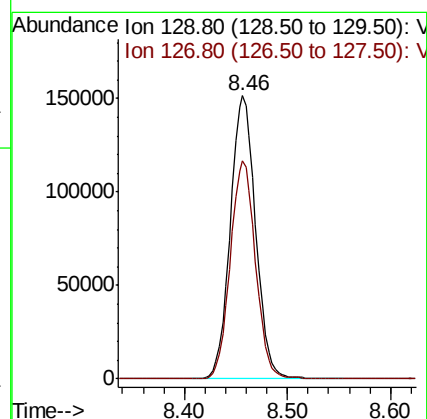
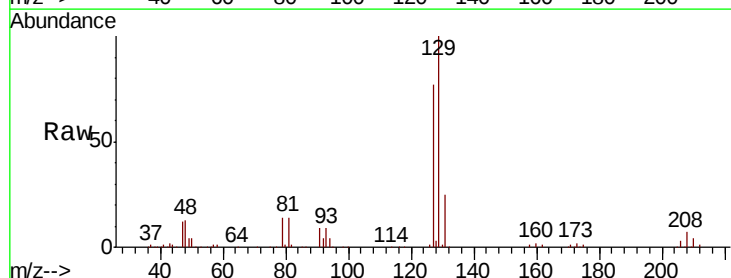
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

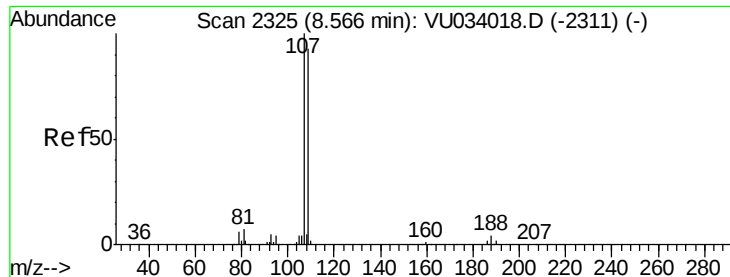
Tgt Ion: 43 Resp: 1362685
Ion Ratio Lower Upper
43 100
58 57.1 28.4 85.3



#60
Dibromochloromethane
Concen: 49.688 ug/l
RT: 8.46 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU034157.D
Acq: 01 Sep 2019 05:38

Tgt Ion: 129 Resp: 259370
Ion Ratio Lower Upper
129 100
127 76.6 39.0 116.9





#61

1,2-Dibromoethane

Concen: 48.886 ug/l

RT: 8.57 min Scan# 2325

Delta R.T. 0.00 min

Lab File: VU034157.D

Acq: 01 Sep 2019 05:38

Instrument :

MSVOA_U

ClientSampleId :

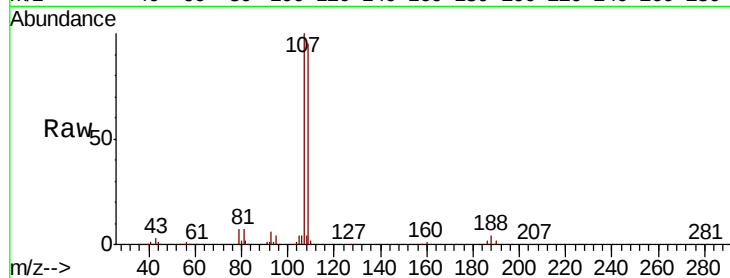
VSTDCCC050EC

Tgt Ion: 107 Resp: 250421

Ion Ratio Lower Upper

107 100

109 94.6 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

8.57

150000

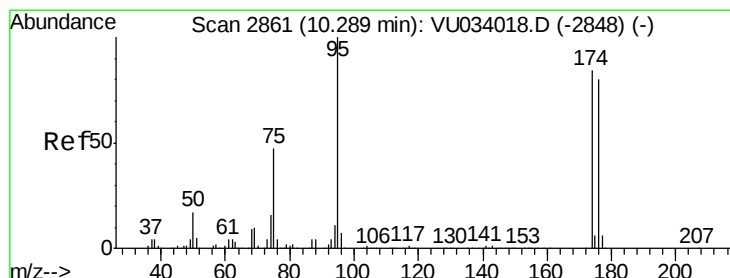
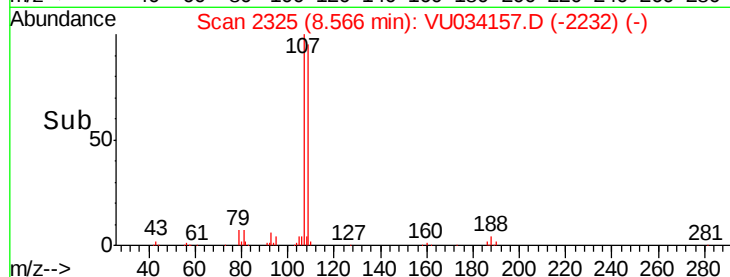
100000

50000

0

Time-->

8.50 8.55 8.60 8.65



#62

4-Bromofluorobenzene

Concen: 48.988 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034157.D

Acq: 01 Sep 2019 05:38

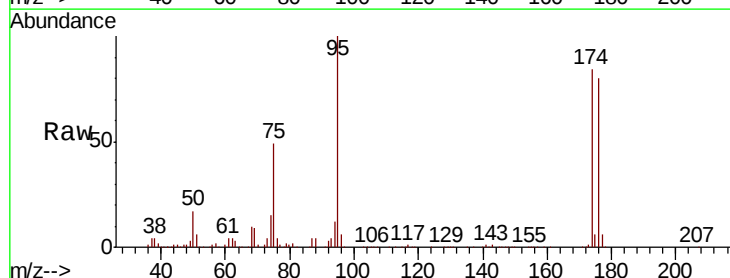
Tgt Ion: 95 Resp: 322732

Ion Ratio Lower Upper

95 100

174 85.1 0.0 168.8

176 80.9 0.0 161.8



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

150000

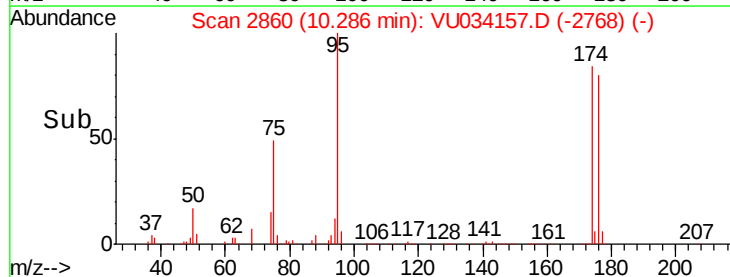
100000

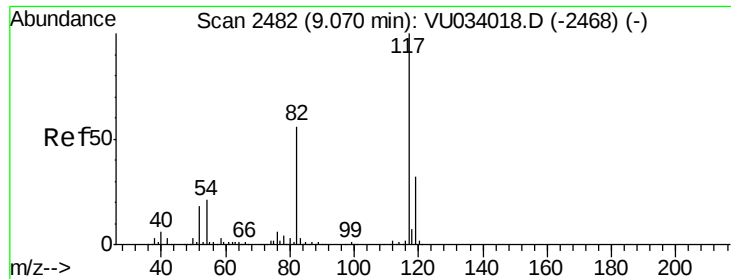
50000

0

Time-->

10.20 10.30 10.40

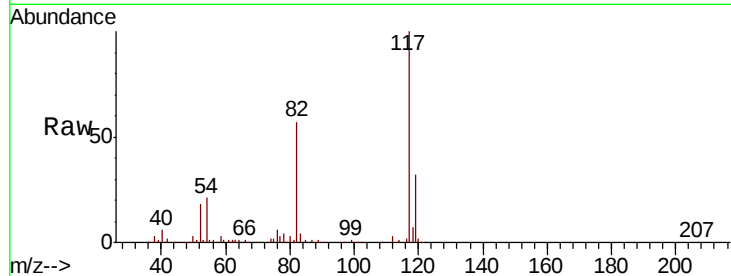




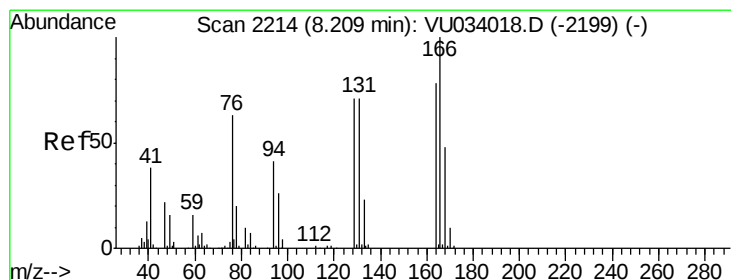
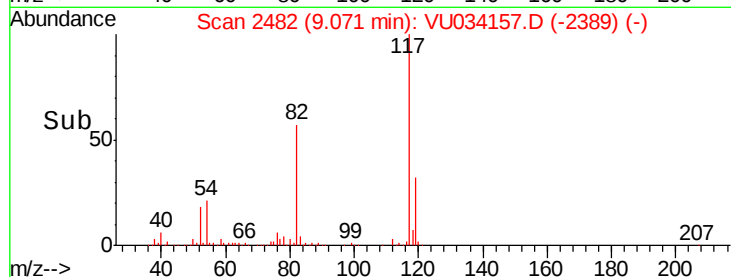
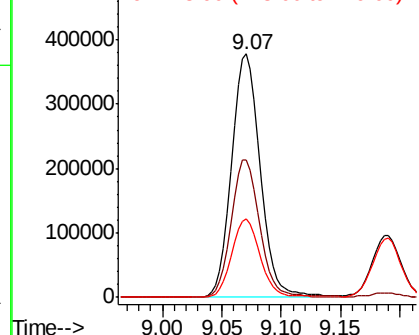
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034157.D
Acq: 01 Sep 2019 05:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 634034
Ion Ratio Lower Upper
117 100
82 56.6 45.1 67.7
119 32.2 25.4 38.0

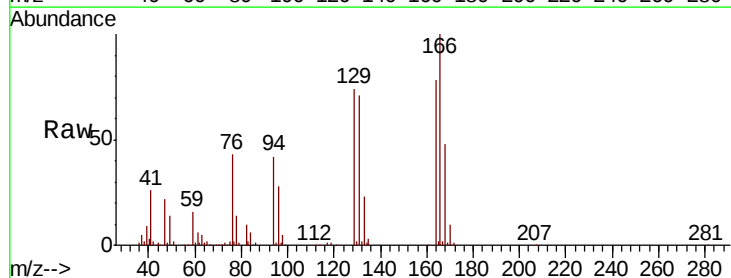


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

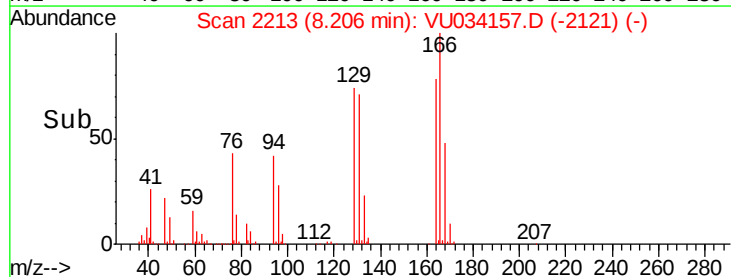
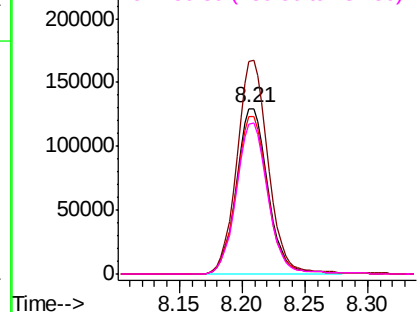


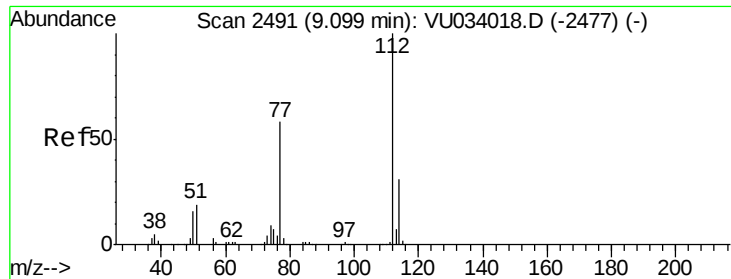
#64
Tetrachloroethene
Concen: 53.087 ug/l
RT: 8.21 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VU034157.D
Acq: 01 Sep 2019 05:38

Tgt Ion:164 Resp: 226042
Ion Ratio Lower Upper
164 100
166 128.4 102.2 153.2
129 95.2 72.4 108.6
131 91.0 72.1 108.1



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

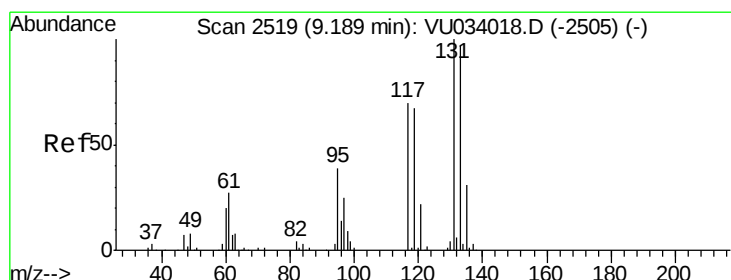
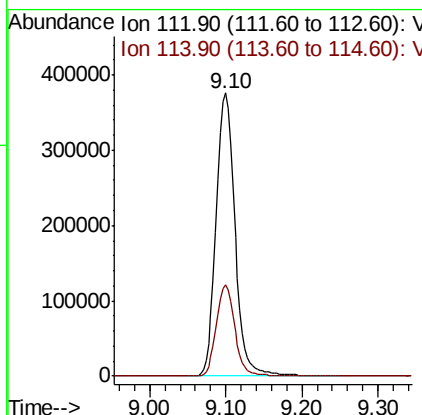
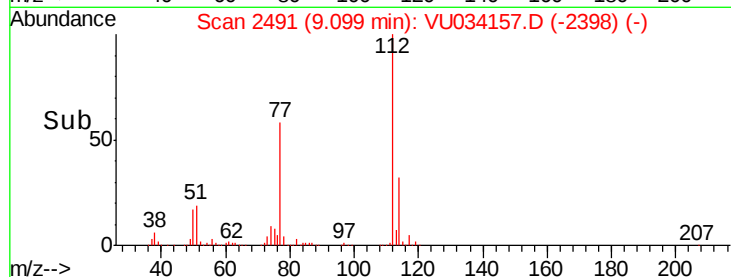
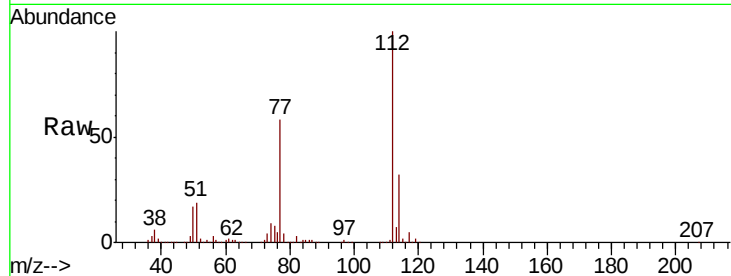




#65
Chlorobenzene
Concen: 49.557 ug/l
RT: 9.10 min Scan# 2491
Delta R.T. 0.00 min
Lab File: VU034157.D
Acq: 01 Sep 2019 05:38

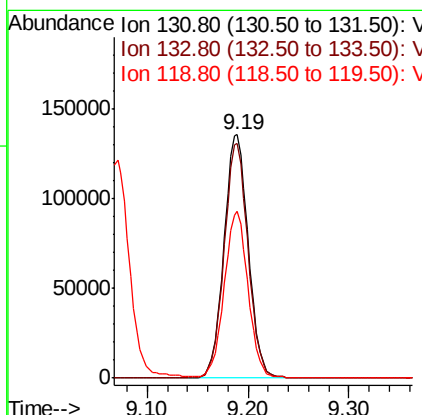
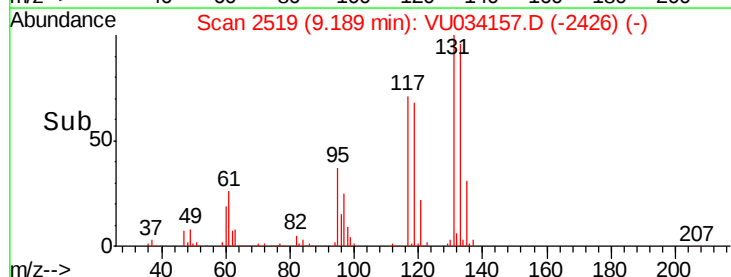
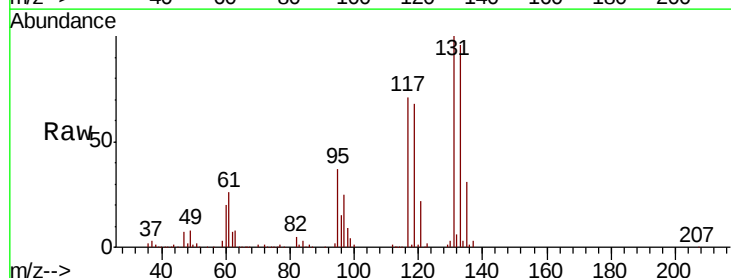
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

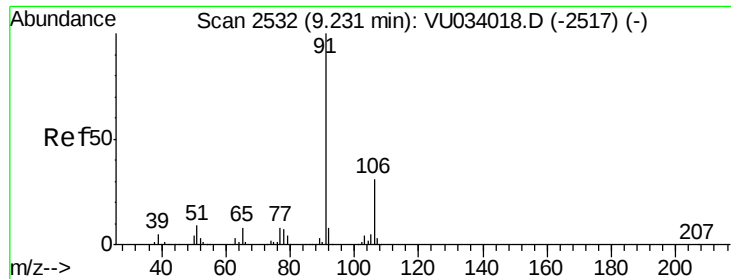
Tgt Ion:112 Resp: 646609
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 48.297 ug/l
RT: 9.19 min Scan# 2519
Delta R.T. 0.00 min
Lab File: VU034157.D
Acq: 01 Sep 2019 05:38

Tgt Ion:131 Resp: 228504
Ion Ratio Lower Upper
131 100
133 95.0 48.4 145.2
119 67.4 33.6 100.6

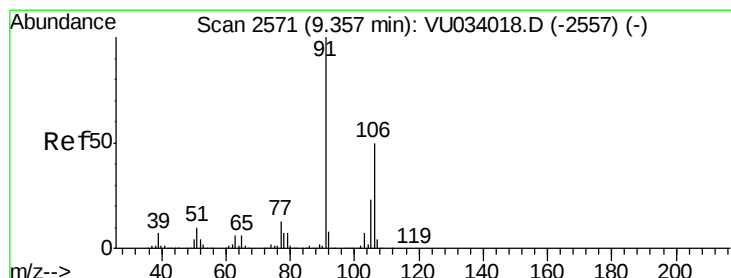
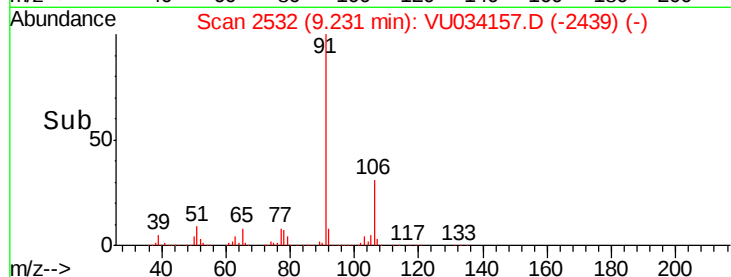
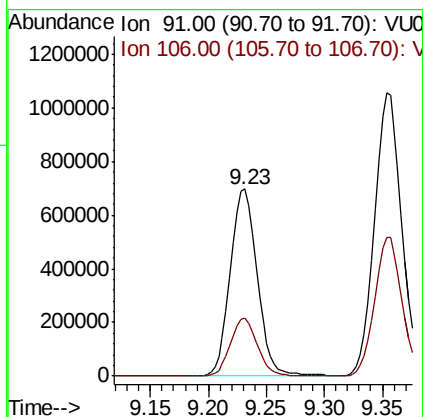
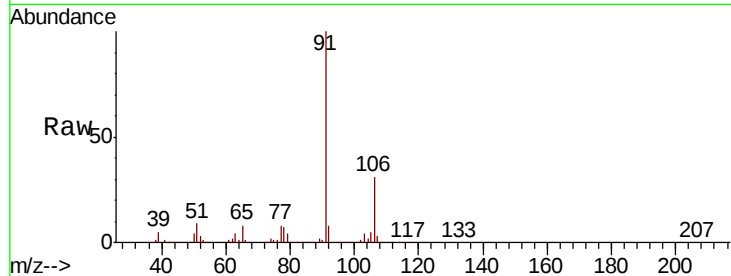




#67
 Ethyl Benzene
 Concen: 50.790 ug/l
 RT: 9.23 min Scan# 2532
 Delta R.T. 0.00 min
 Lab File: VU034157.D
 Acq: 01 Sep 2019 05:38

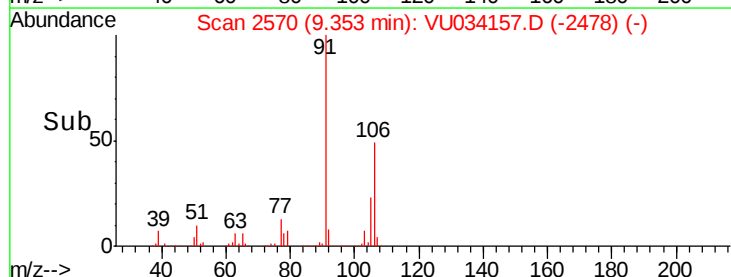
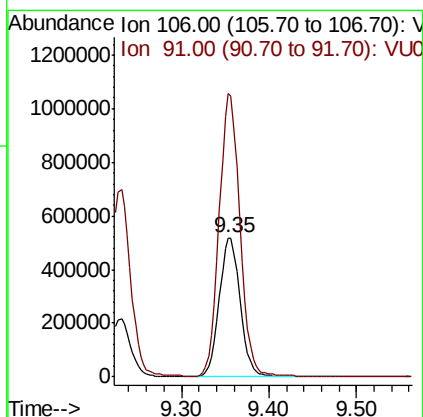
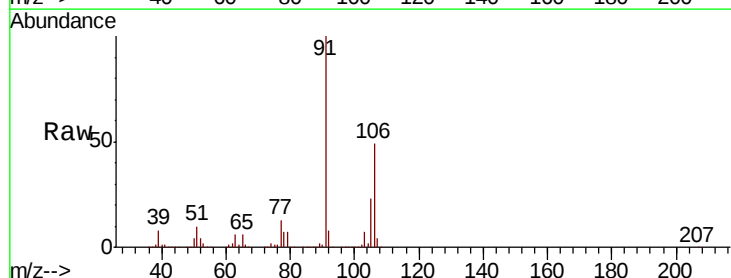
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

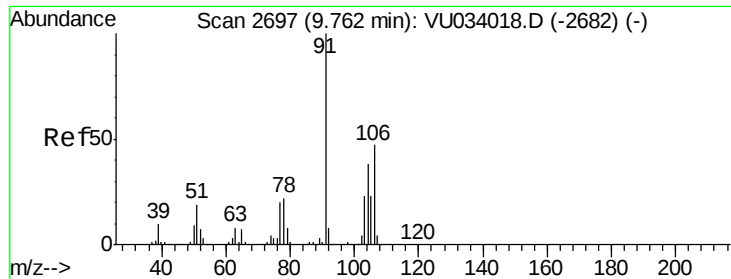
Tgt Ion: 91 Resp: 1123358
 Ion Ratio Lower Upper
 91 100
 106 30.8 24.9 37.3



#68
 m/p-Xylenes
 Concen: 102.481 ug/l
 RT: 9.35 min Scan# 2570
 Delta R.T. -0.00 min
 Lab File: VU034157.D
 Acq: 01 Sep 2019 05:38

Tgt Ion: 106 Resp: 861870
 Ion Ratio Lower Upper
 106 100
 91 202.9 161.6 242.4

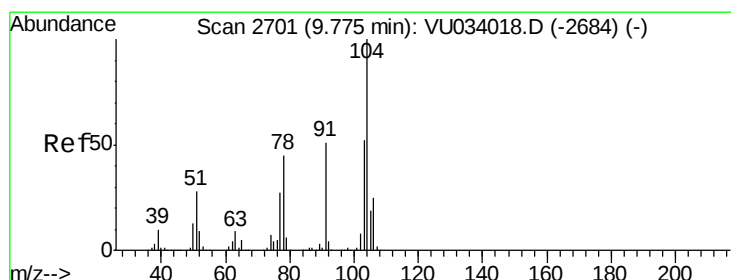
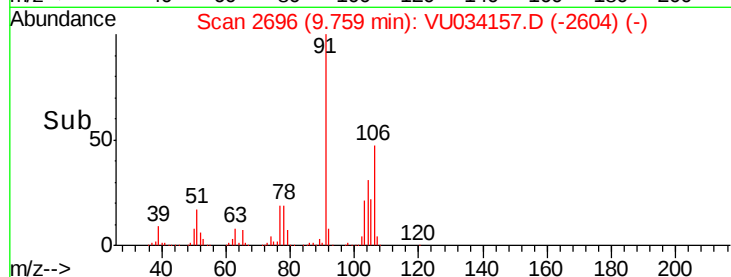
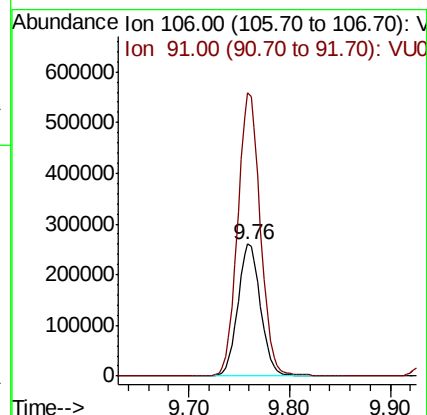
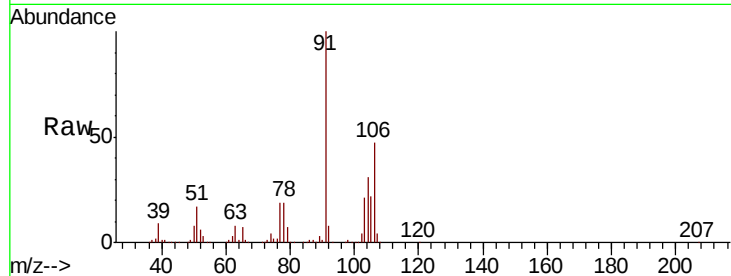




#69
o-Xylene
Concen: 50.785 ug/l
RT: 9.76 min Scan# 2696
Delta R.T. -0.00 min
Lab File: VU034157.D
Acq: 01 Sep 2019 05:38

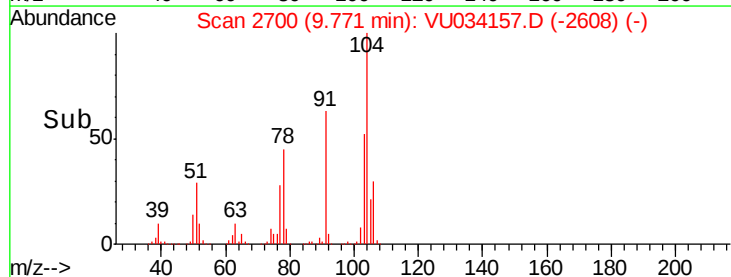
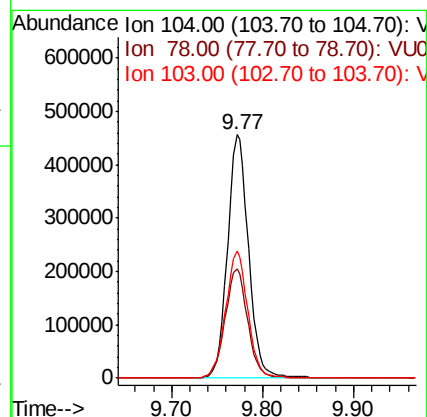
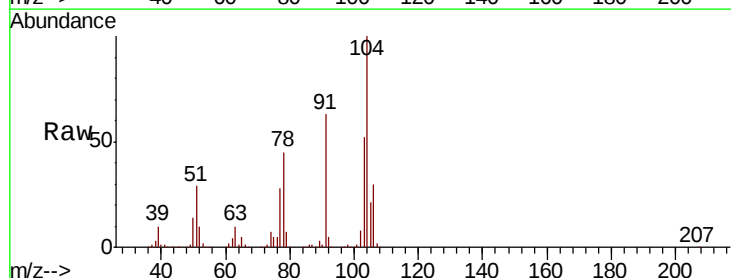
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

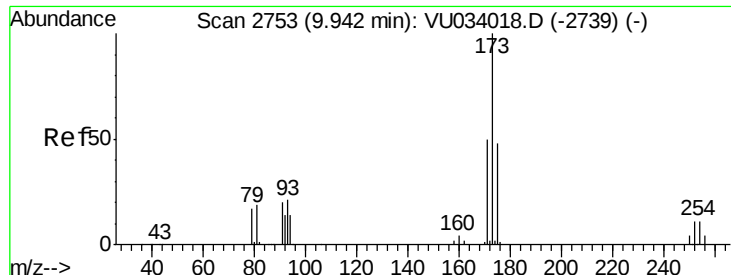
Tgt Ion:106 Resp: 409756
Ion Ratio Lower Upper
106 100
91 213.9 106.0 318.0



#70
Styrene
Concen: 53.096 ug/l
RT: 9.77 min Scan# 2700
Delta R.T. -0.00 min
Lab File: VU034157.D
Acq: 01 Sep 2019 05:38

Tgt Ion:104 Resp: 734553
Ion Ratio Lower Upper
104 100
78 48.4 39.0 58.4
103 55.1 44.0 66.0





#71

Bromoform

Concen: 47.814 ug/l

RT: 9.94 min Scan# 2752

Delta R.T. -0.00 min

Lab File: VU034157.D

Acq: 01 Sep 2019 05:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

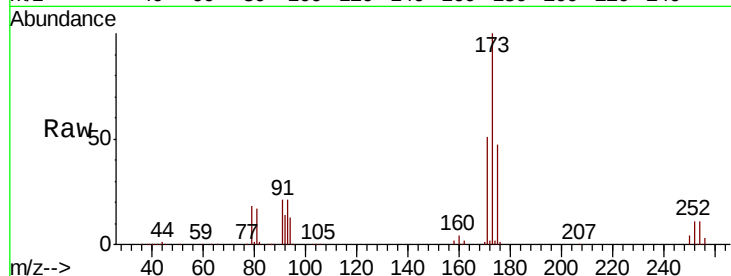
Tgt Ion:173 Resp: 196550

Ion Ratio Lower Upper

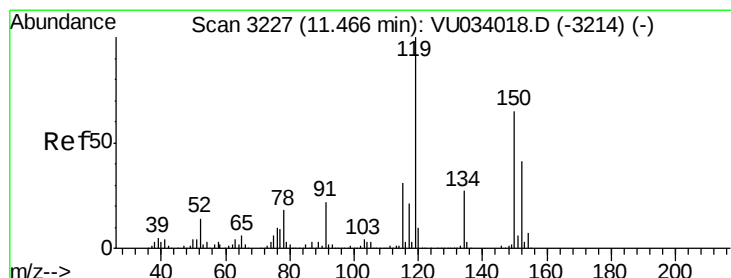
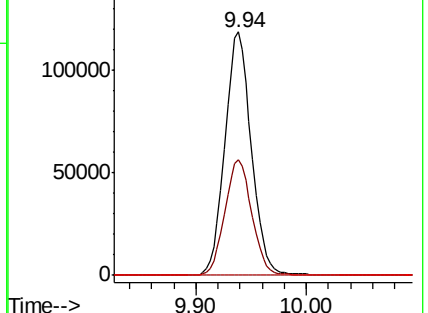
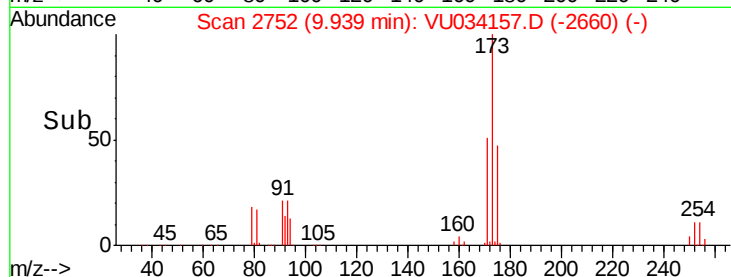
173 100

175 48.8 24.6 73.6

254 0.0 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. -0.00 min

Lab File: VU034157.D

Acq: 01 Sep 2019 05:38

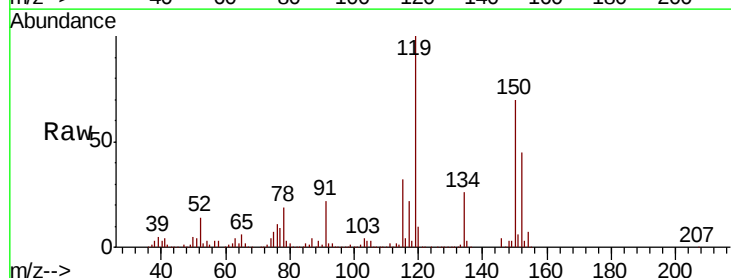
Tgt Ion:152 Resp: 347876

Ion Ratio Lower Upper

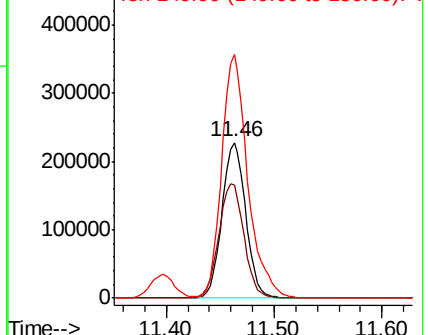
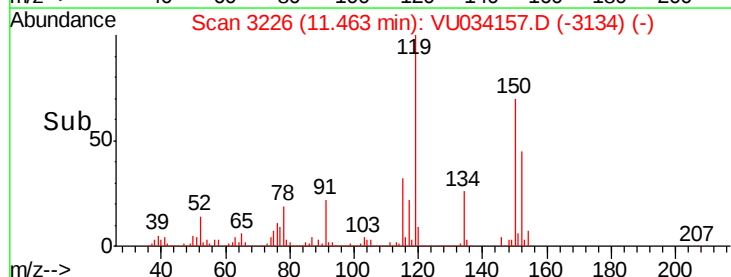
152 100

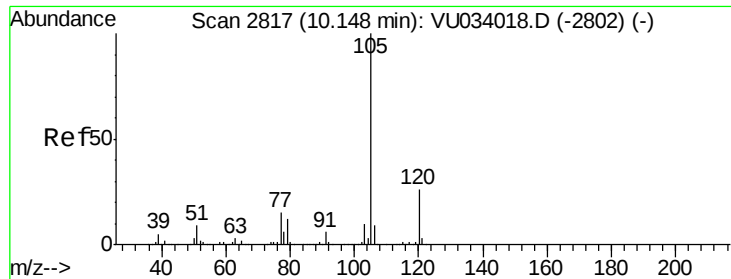
115 77.9 41.1 123.3

150 172.1 0.0 348.8



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





#73

Isopropylbenzene

Concen: 47.480 ug/l

RT: 10.15 min Scan# 2817

Delta R.T. 0.00 min

Lab File: VU034157.D

Acq: 01 Sep 2019 05:38

Instrument :

MSVOA_U

ClientSampleId :

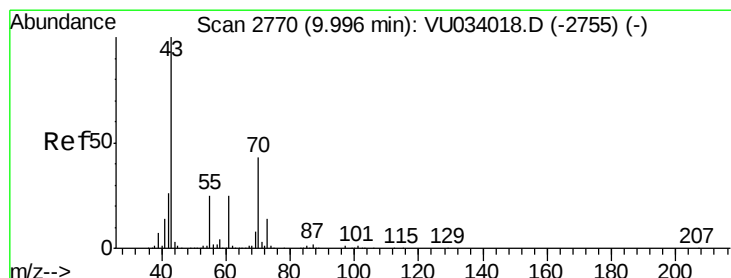
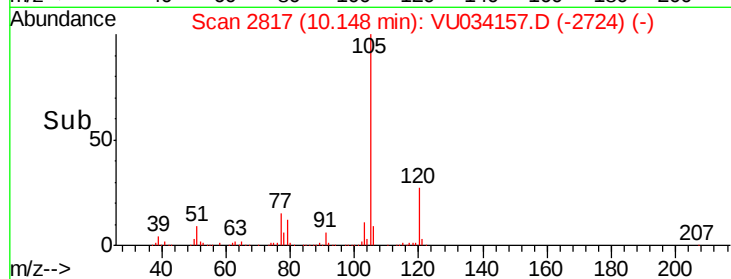
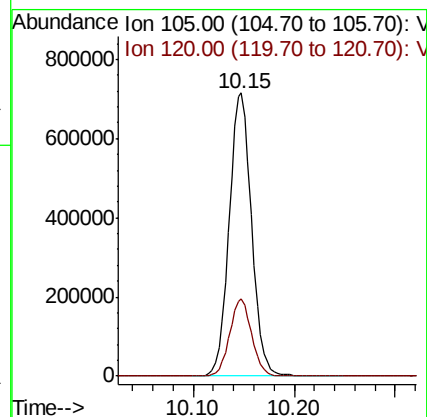
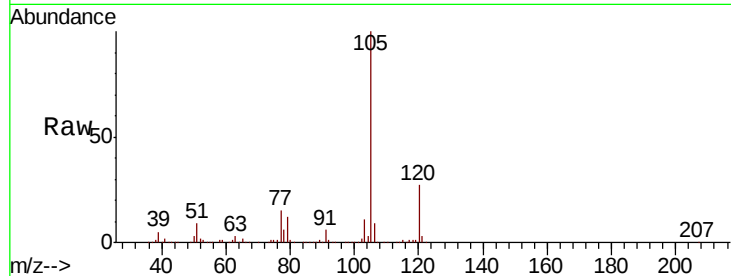
VSTDCCC050EC

Tgt Ion: 105 Resp: 1109442

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.8



#74

N-ethyl acetate

Concen: 48.270 ug/l

RT: 9.99 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VU034157.D

Acq: 01 Sep 2019 05:38

Tgt Ion: 43 Resp: 474387

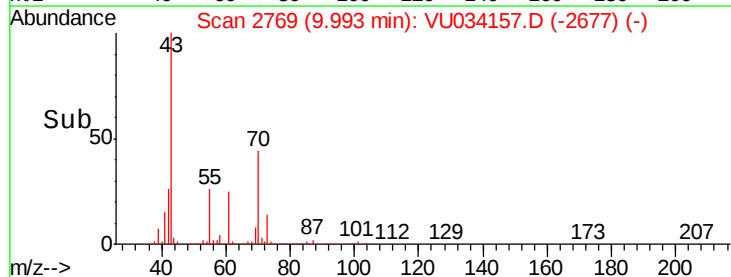
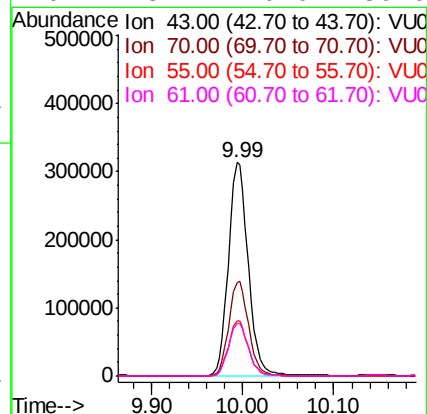
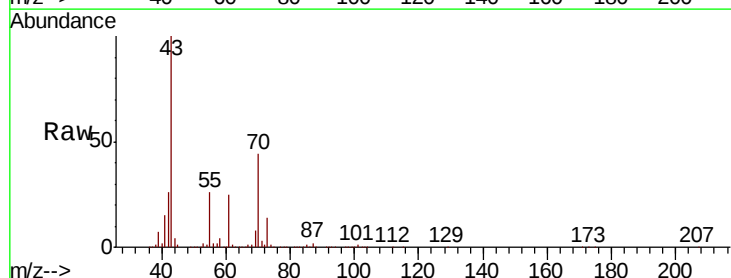
Ion Ratio Lower Upper

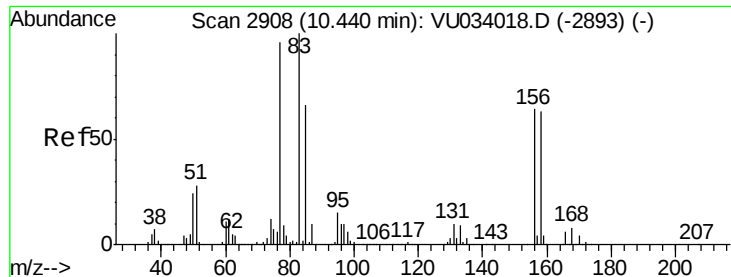
43 100

70 44.3 35.2 52.8

55 26.0 20.5 30.7

61 25.2 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.178 ug/l

RT: 10.44 min Scan# 2907

Delta R.T. -0.00 min

Lab File: VU034157.D

Acq: 01 Sep 2019 05:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

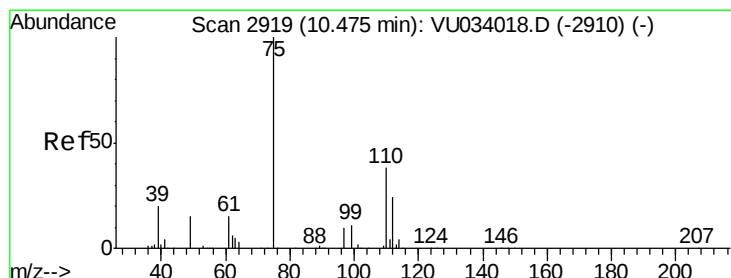
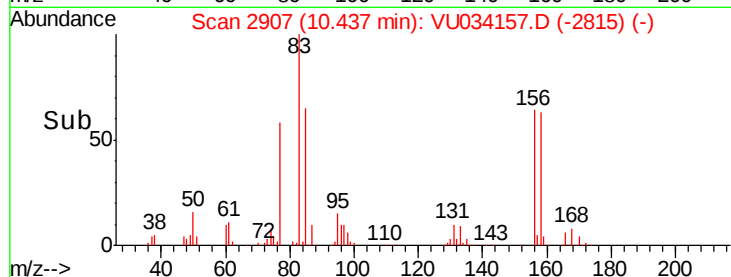
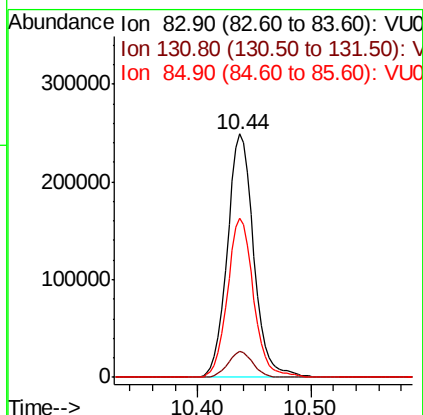
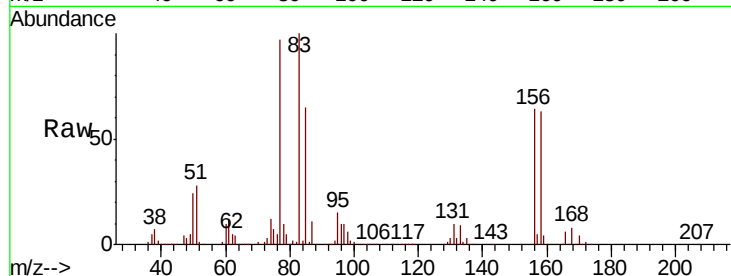
Tgt Ion: 83 Resp: 404051

Ion Ratio Lower Upper

83 100

131 10.1 5.0 14.9

85 64.8 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 54.596 ug/l

RT: 10.47 min Scan# 2918

Delta R.T. -0.00 min

Lab File: VU034157.D

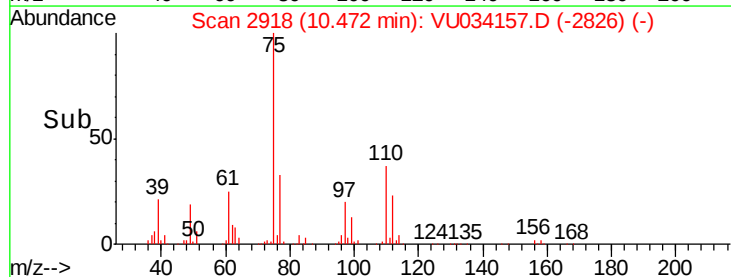
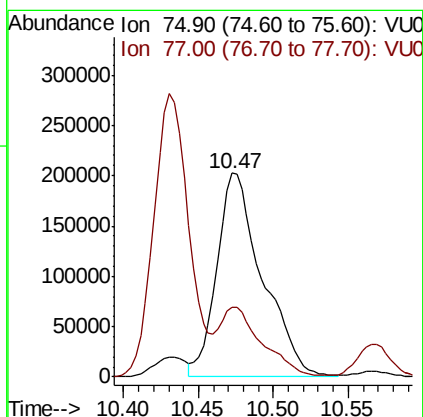
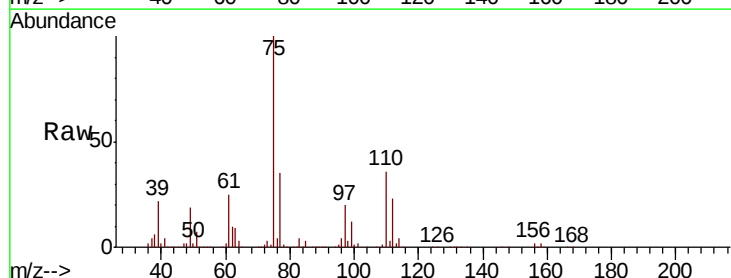
Acq: 01 Sep 2019 05:38

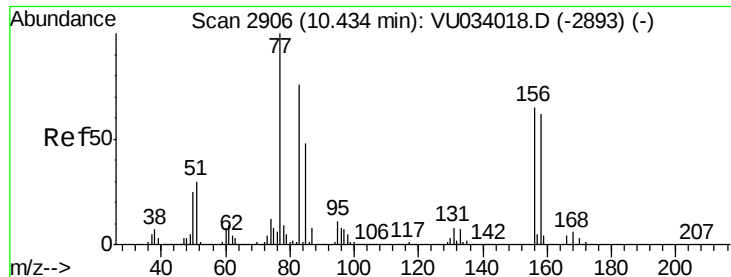
Tgt Ion: 75 Resp: 428064

Ion Ratio Lower Upper

75 100

77 31.7 20.1 60.2





#77

Bromobenzene

Concen: 46.266 ug/l

RT: 10.43 min Scan# 2905

Delta R.T. -0.00 min

Lab File: VU034157.D

Acq: 01 Sep 2019 05:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

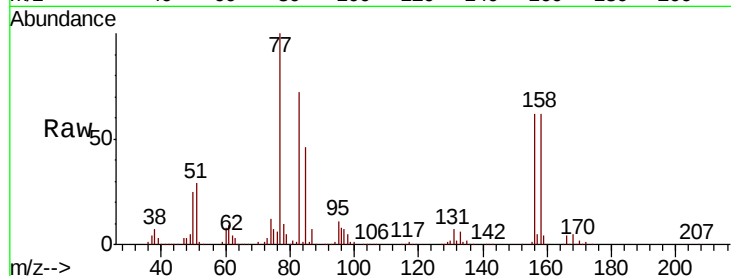
Tgt Ion:156 Resp: 290811

Ion Ratio Lower Upper

156 100

77 158.6 76.8 230.5

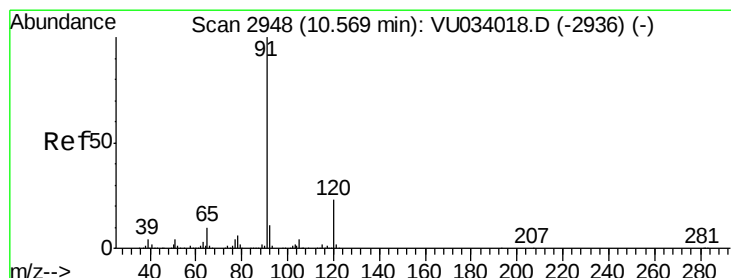
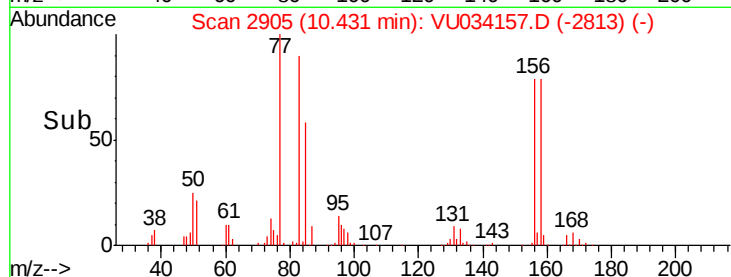
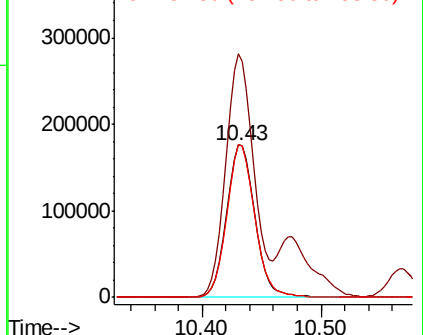
158 98.7 48.4 145.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.095 ug/l

RT: 10.57 min Scan# 2947

Delta R.T. -0.00 min

Lab File: VU034157.D

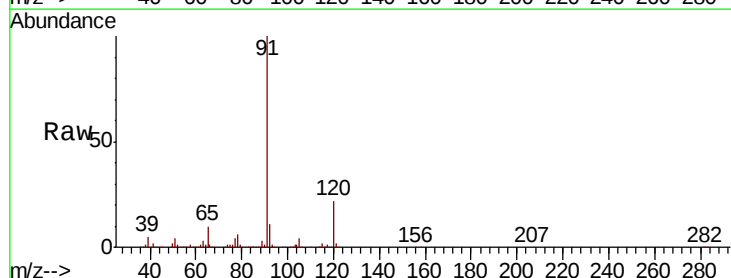
Acq: 01 Sep 2019 05:38

Tgt Ion: 91 Resp: 1308782

Ion Ratio Lower Upper

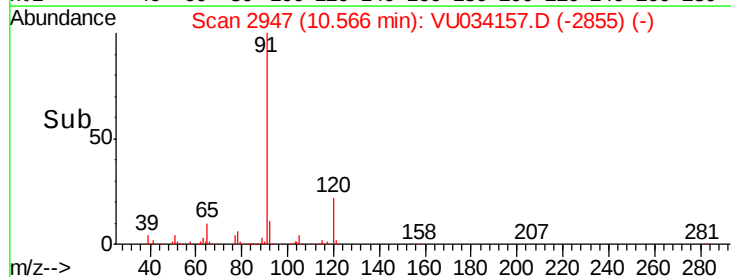
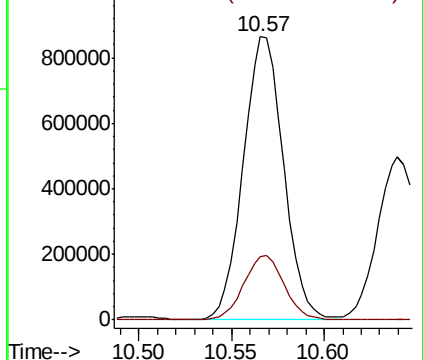
91 100

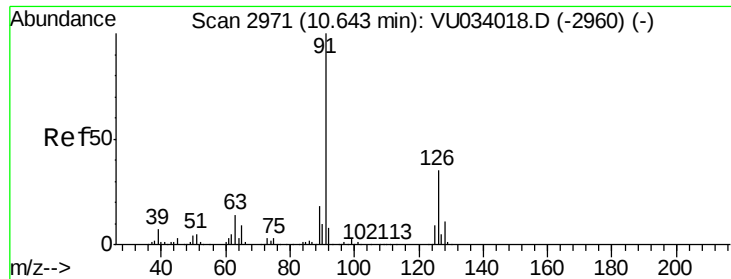
120 22.9 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.351 ug/l

RT: 10.64 min Scan# 2970

Delta R.T. -0.00 min

Lab File: VU034157.D

Acq: 01 Sep 2019 05:38

Instrument :

MSVOA_U

ClientSampleId :

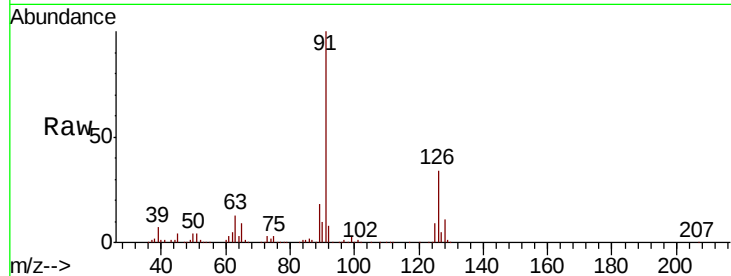
VSTDCCC050EC

Tgt Ion: 91 Resp: 772877

Ion Ratio Lower Upper

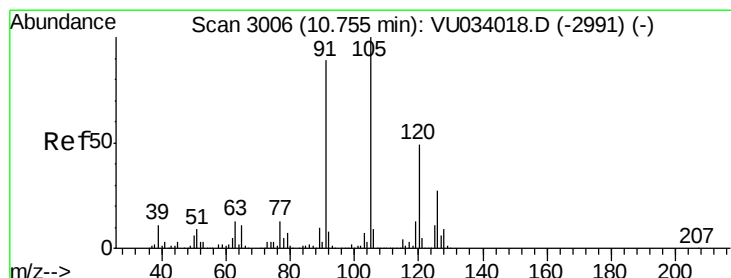
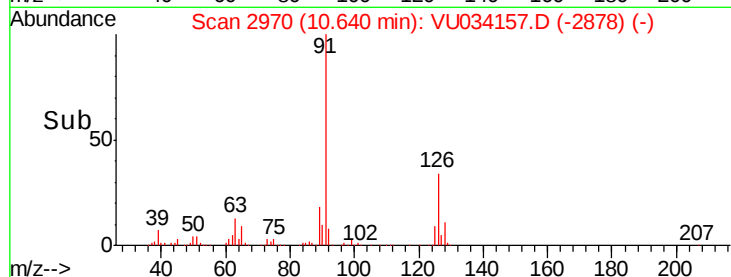
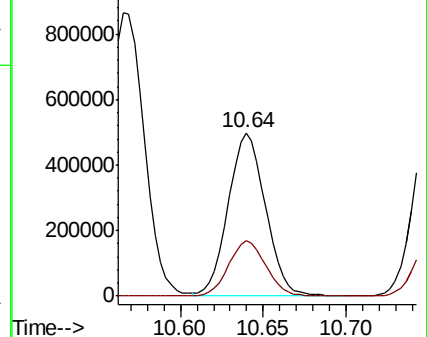
91 100

126 34.2 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VU034157.D (-2970) (-)

Ion 125.90 (125.60 to 126.60): VU034157.D (-2970) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.583 ug/l

RT: 10.75 min Scan# 3005

Delta R.T. -0.00 min

Lab File: VU034157.D

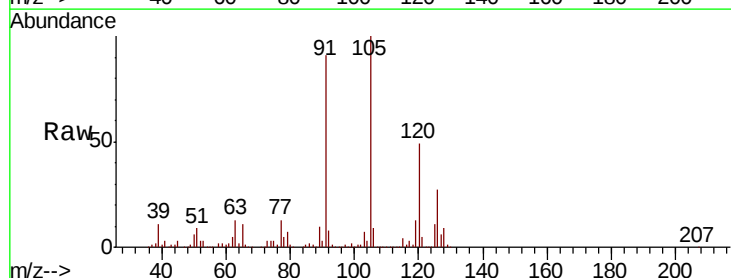
Acq: 01 Sep 2019 05:38

Tgt Ion: 105 Resp: 962163

Ion Ratio Lower Upper

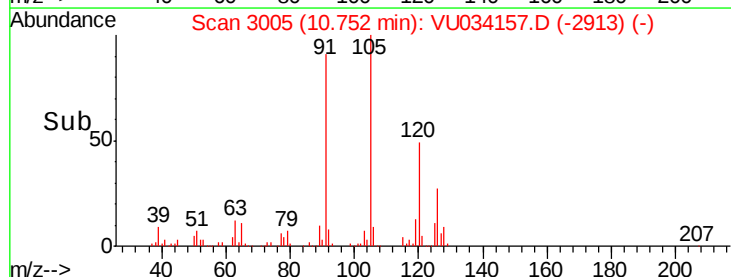
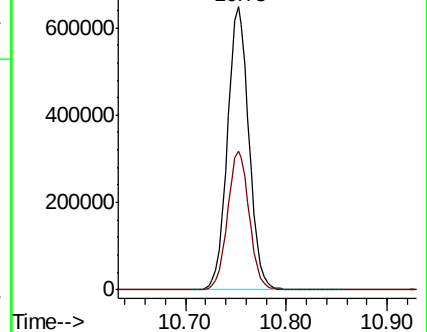
105 100

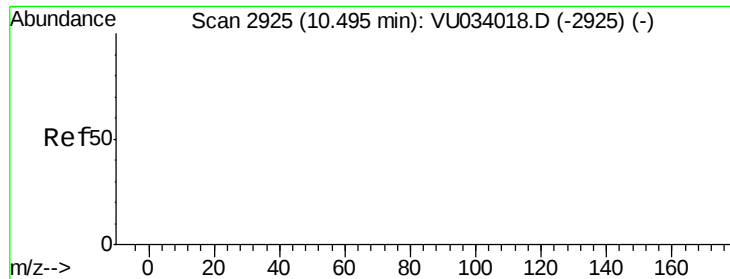
120 49.5 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VU034157.D (-3005) (-)

Ion 120.00 (119.70 to 120.70): VU034157.D (-3005) (-)

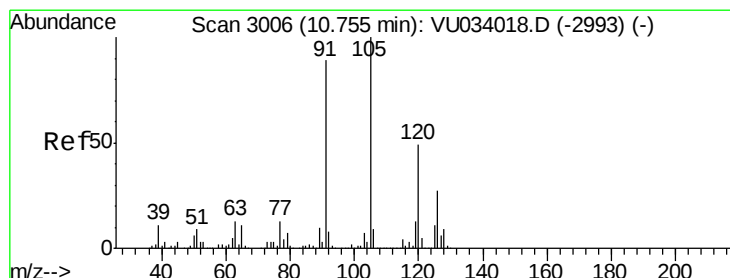
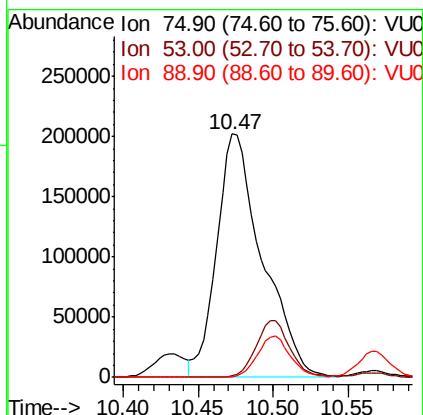
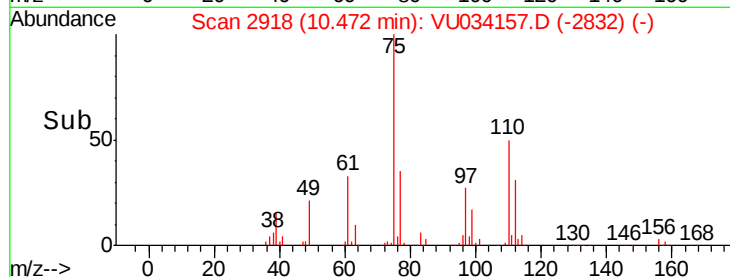
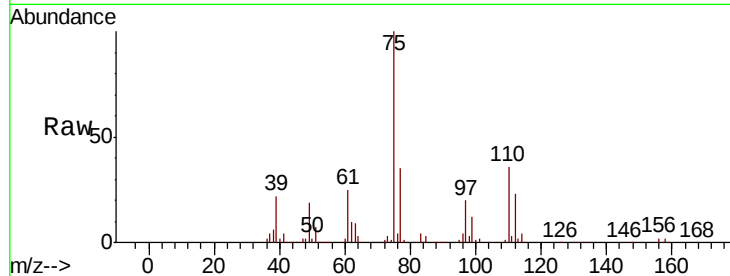




#81
trans-1,4-Dichloro-2-butene
Concen: 184.335 ug/l
RT: 10.47 min Scan# 2918
Delta R.T. -0.02 min
Lab File: VU034157.D
Acq: 01 Sep 2019 05:38

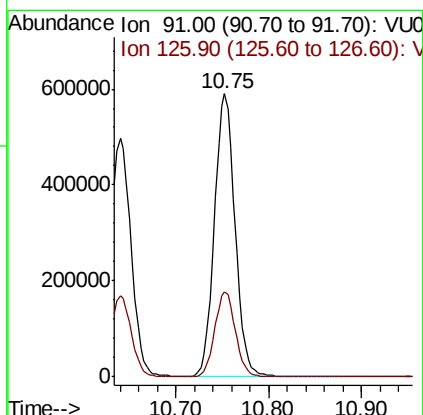
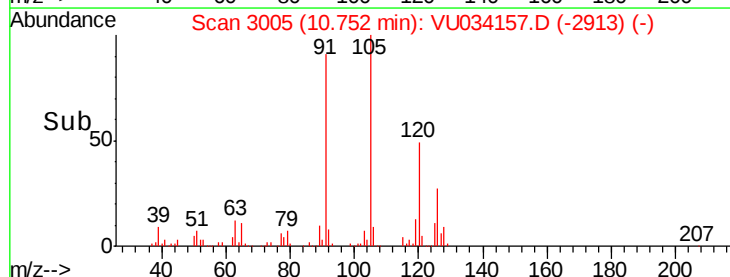
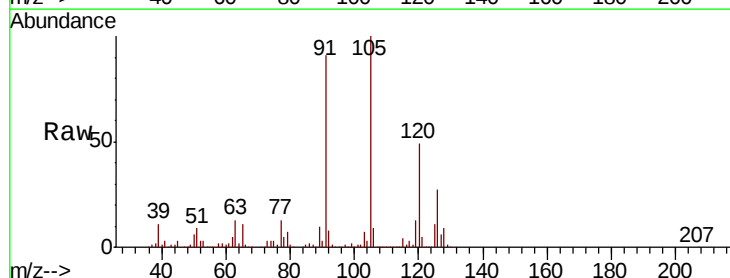
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

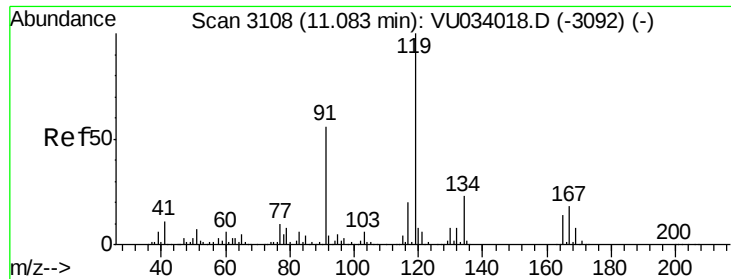
Tgt Ion: 75 Resp: 429218
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 48.256 ug/l
RT: 10.75 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VU034157.D
Acq: 01 Sep 2019 05:38

Tgt Ion: 91 Resp: 905859
Ion Ratio Lower Upper
91 100
126 30.2 15.0 45.1

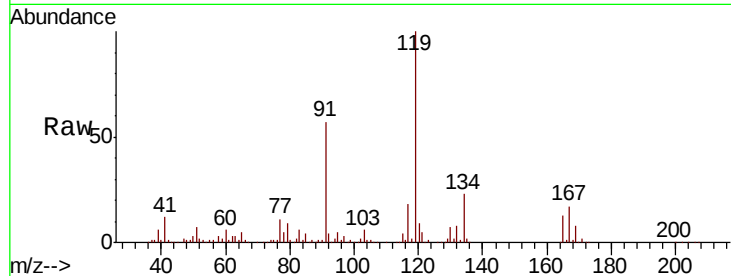




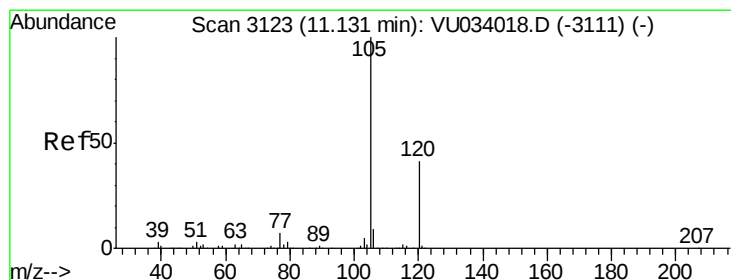
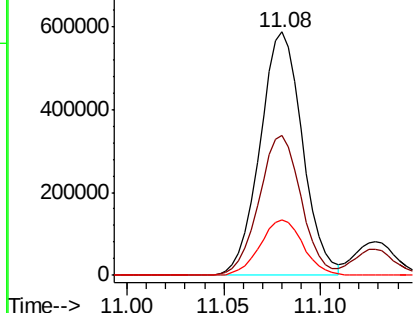
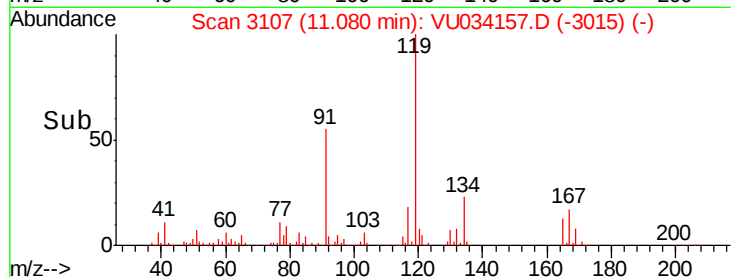
#83
 tert-Butylbenzene
 Concen: 46.073 ug/l
 RT: 11.08 min Scan# 3107
 Delta R.T. -0.00 min
 Lab File: VU034157.D
 Acq: 01 Sep 2019 05:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:119 Resp: 898262
 Ion Ratio Lower Upper
 119 100
 91 57.2 27.9 83.6
 134 23.0 11.4 34.2

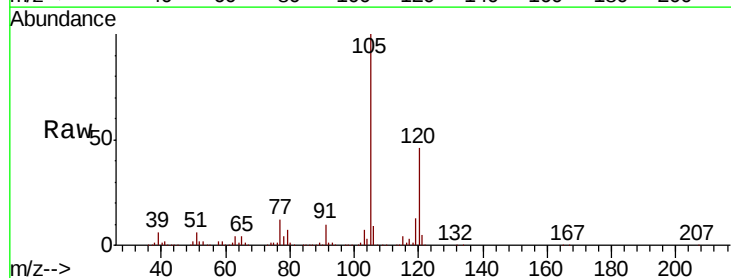


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

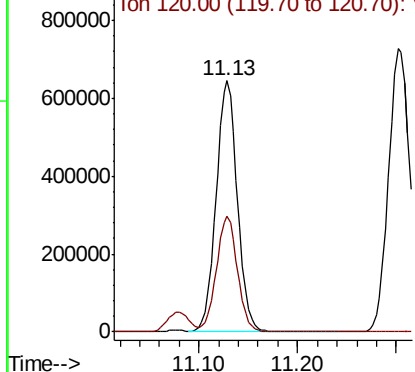
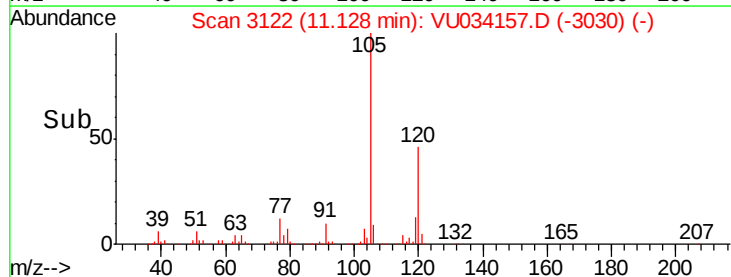


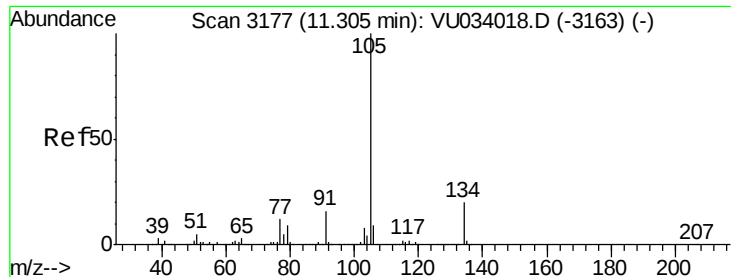
#84
 1,2,4-Trimethylbenzene
 Concen: 49.311 ug/l
 RT: 11.13 min Scan# 3122
 Delta R.T. -0.00 min
 Lab File: VU034157.D
 Acq: 01 Sep 2019 05:38

Tgt Ion:105 Resp: 969742
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.6 67.8



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

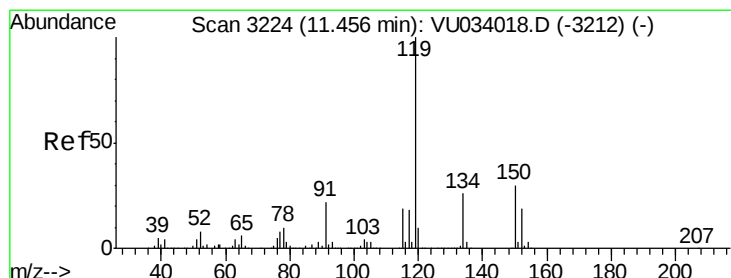
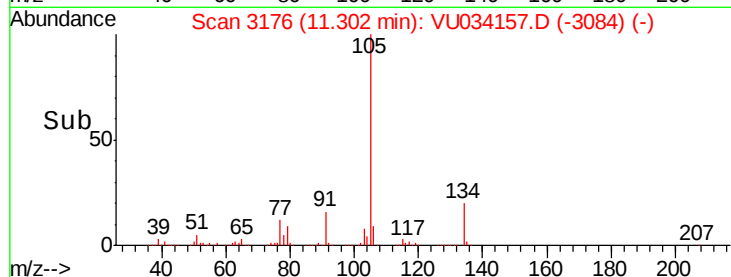
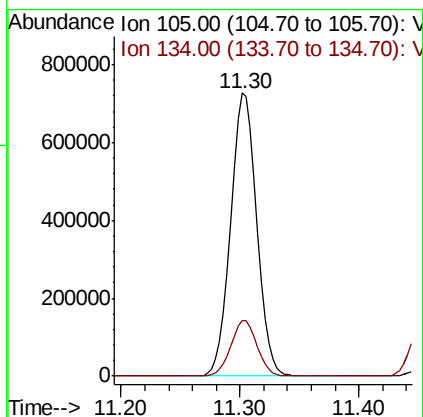
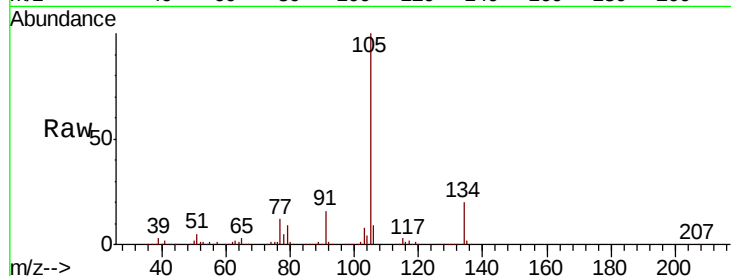




#85
 sec-Butylbenzene
 Concen: 47.079 ug/l
 RT: 11.30 min Scan# 3176
 Delta R.T. -0.00 min
 Lab File: VU034157.D
 Acq: 01 Sep 2019 05:38

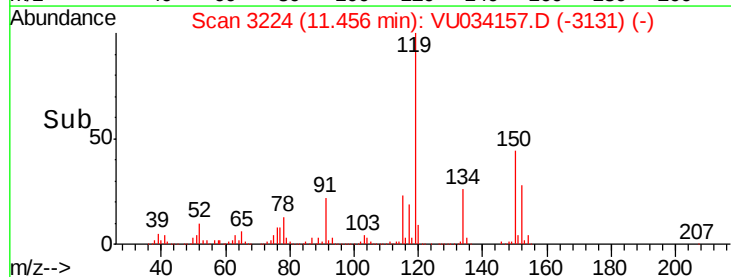
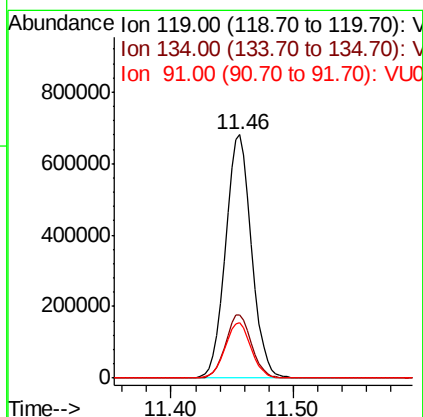
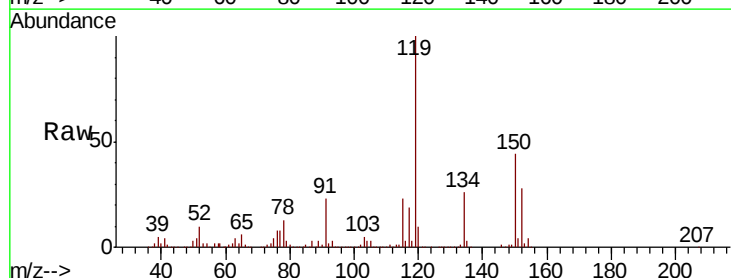
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

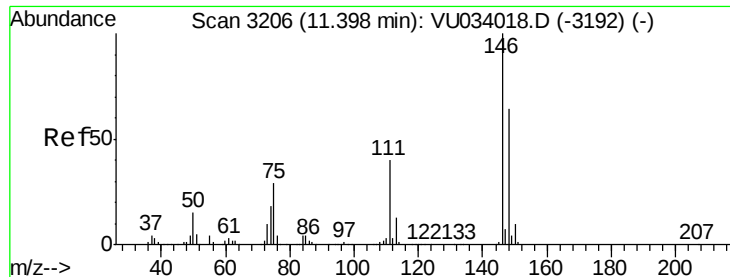
Tgt Ion:105 Resp: 1100104
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 47.869 ug/l
 RT: 11.46 min Scan# 3224
 Delta R.T. 0.00 min
 Lab File: VU034157.D
 Acq: 01 Sep 2019 05:38

Tgt Ion:119 Resp: 1011644
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.1
 91 22.9 11.2 33.6

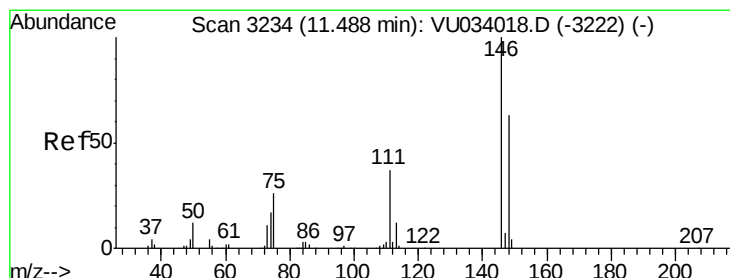
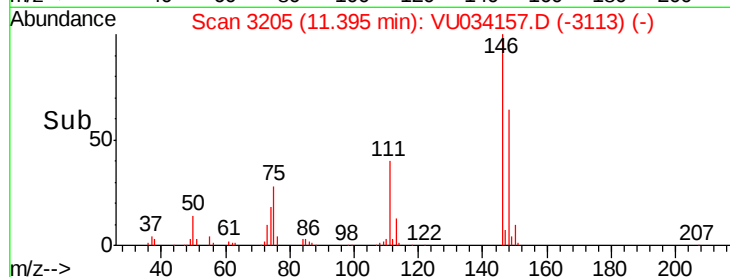
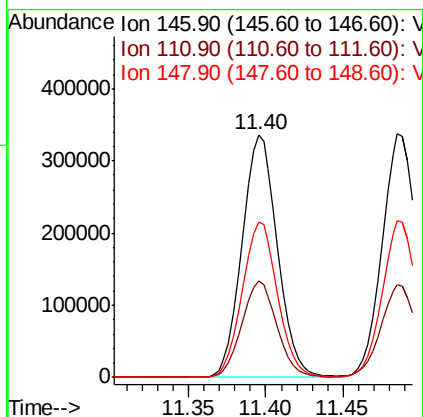
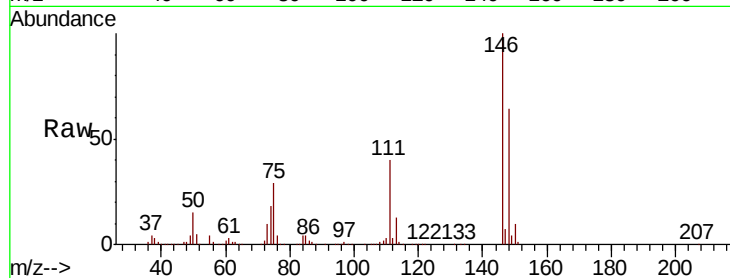




#87
 1,3-Dichlorobenzene
 Concen: 47.953 ug/l
 RT: 11.40 min Scan# 3205
 Delta R.T. -0.00 min
 Lab File: VU034157.D
 Acq: 01 Sep 2019 05:38

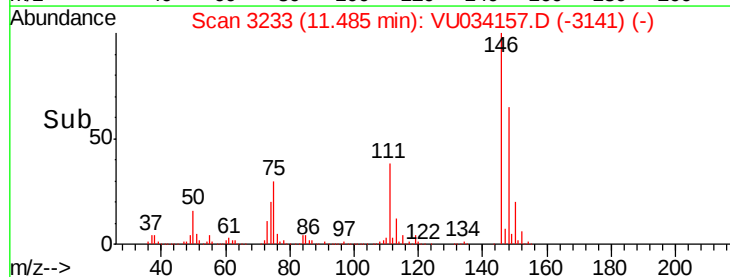
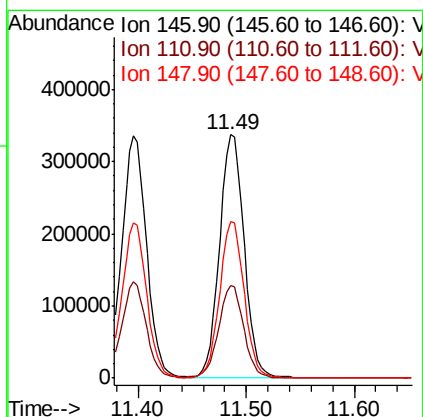
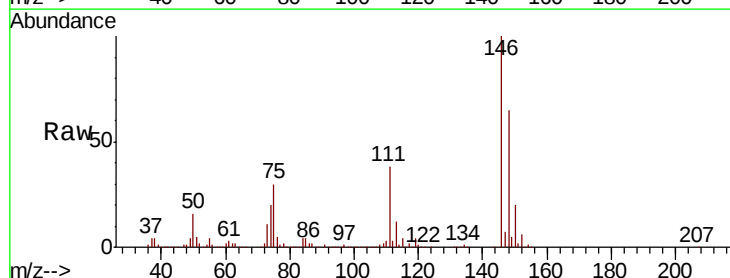
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

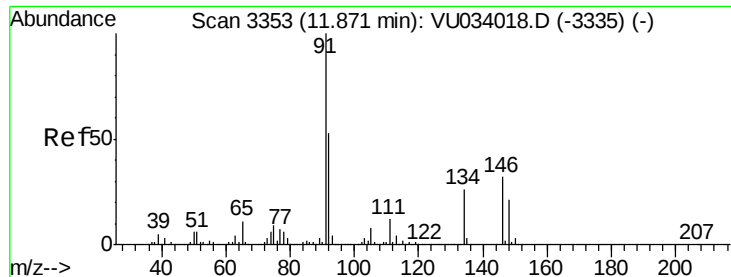
Tgt Ion:146 Resp: 533624
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.9 59.6
 148 64.0 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 47.727 ug/l
 RT: 11.49 min Scan# 3233
 Delta R.T. -0.00 min
 Lab File: VU034157.D
 Acq: 01 Sep 2019 05:38

Tgt Ion:146 Resp: 537113
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.2 57.6
 148 63.6 31.9 95.9

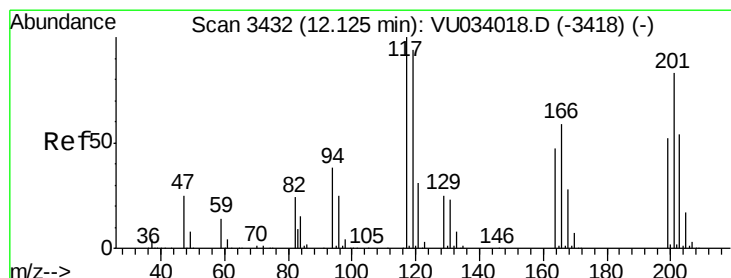
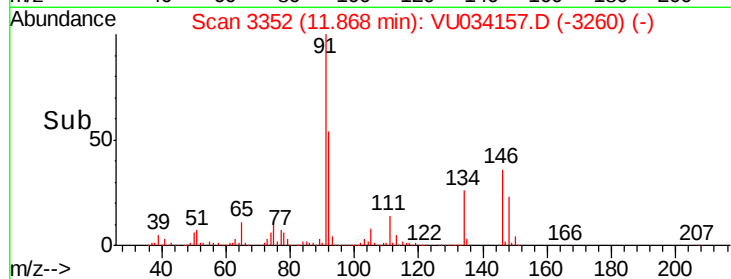
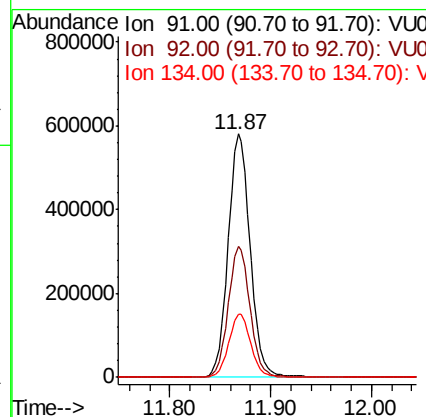
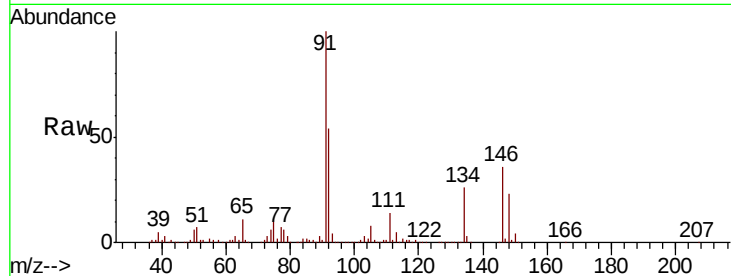




#89
n-Butylbenzene
Concen: 47.822 ug/l
RT: 11.87 min Scan# 3352
Delta R.T. -0.00 min
Lab File: VU034157.D
Acq: 01 Sep 2019 05:38

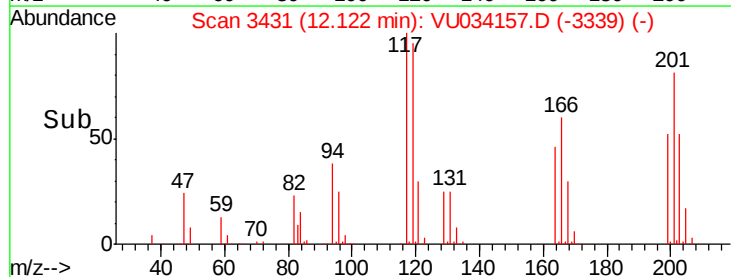
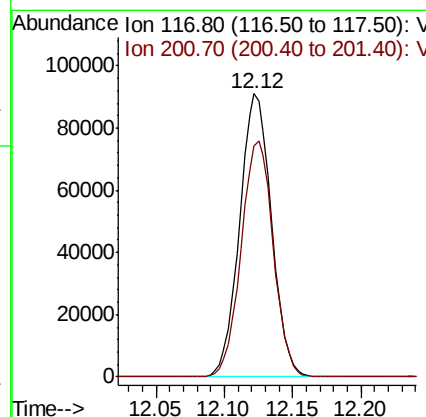
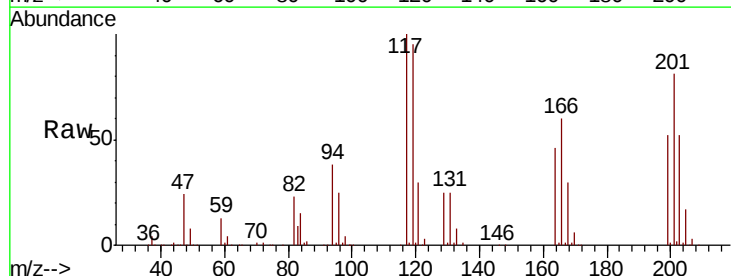
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

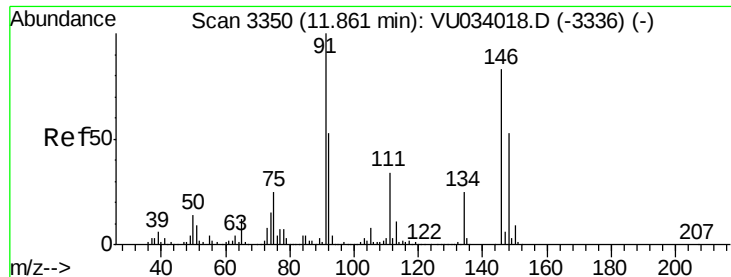
Tgt Ion: 91 Resp: 891051
Ion Ratio Lower Upper
91 100
92 53.4 26.3 78.9
134 25.9 12.9 38.7



#90
Hexachloroethane
Concen: 40.354 ug/l
RT: 12.12 min Scan# 3431
Delta R.T. -0.00 min
Lab File: VU034157.D
Acq: 01 Sep 2019 05:38

Tgt Ion: 117 Resp: 147450
Ion Ratio Lower Upper
117 100
201 83.9 42.5 127.6





#91

1,2-Dichlorobenzene

Concen: 48.568 ug/l

RT: 11.86 min Scan# 3349

Delta R.T. -0.00 min

Lab File: VU034157.D

Acq: 01 Sep 2019 05:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

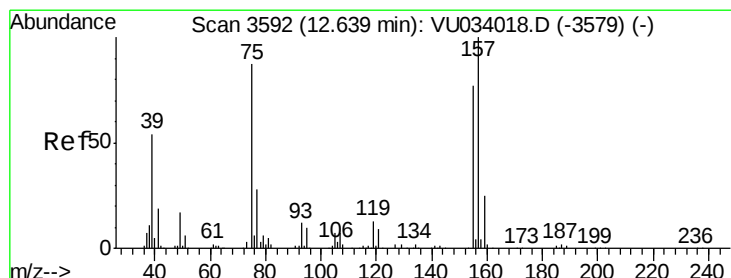
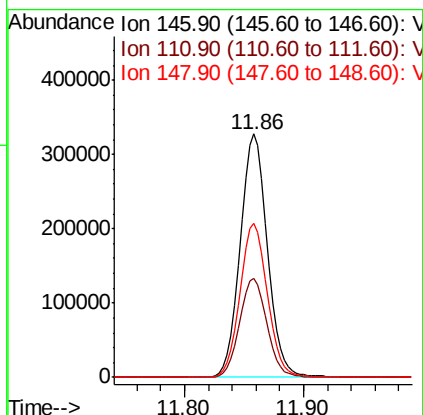
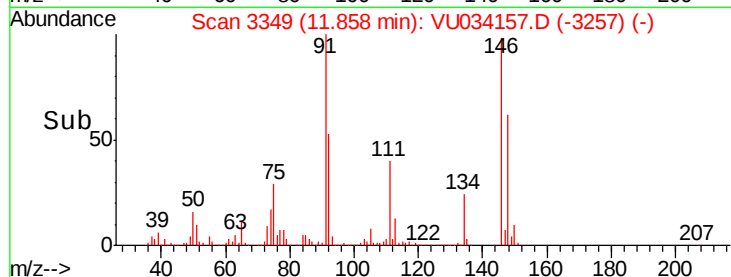
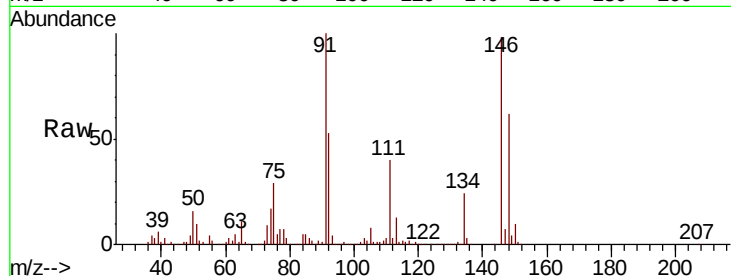
Tgt Ion:146 Resp: 517721

Ion Ratio Lower Upper

146 100

111 41.1 20.4 61.2

148 64.2 32.3 96.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.797 ug/l

RT: 12.64 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VU034157.D

Acq: 01 Sep 2019 05:38

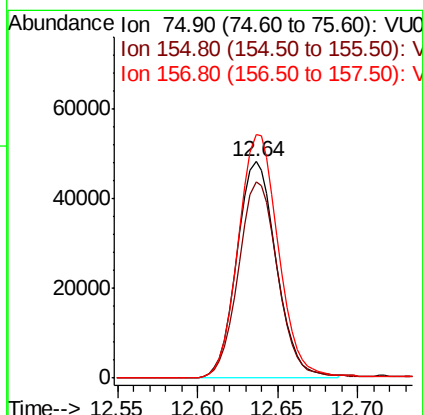
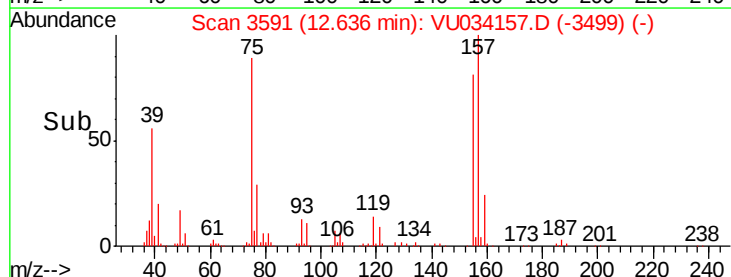
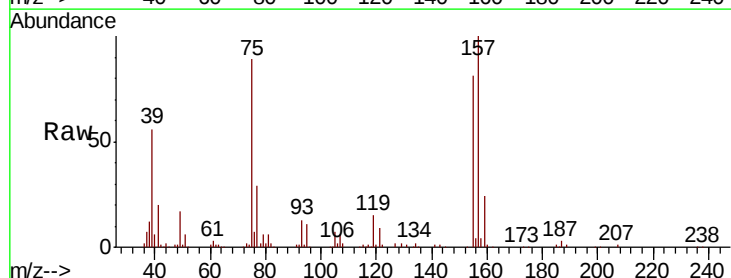
Tgt Ion: 75 Resp: 81598

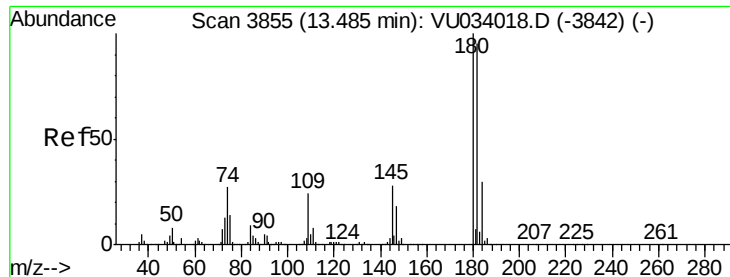
Ion Ratio Lower Upper

75 100

155 90.9 43.5 130.7

157 115.3 56.9 170.6

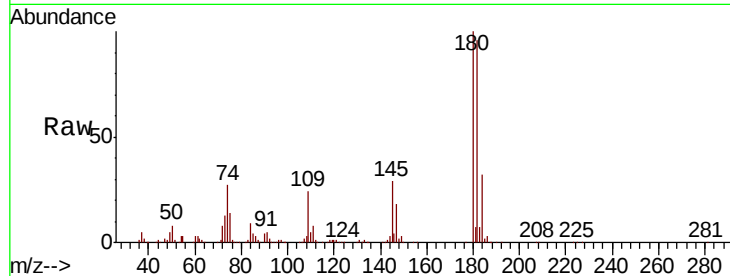




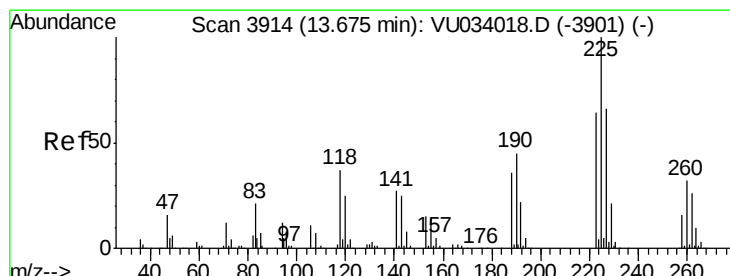
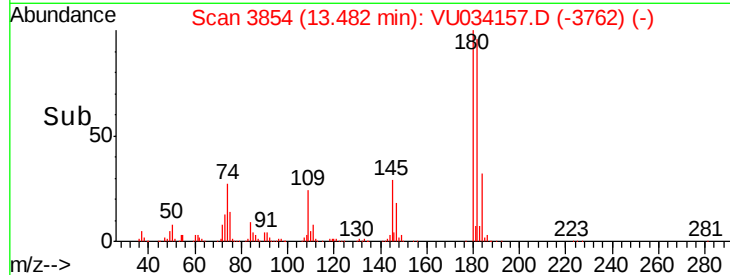
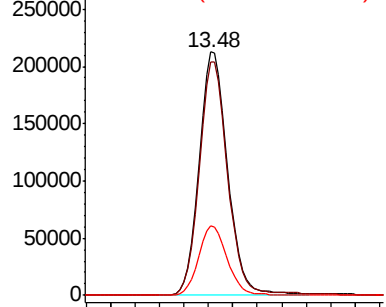
#93
 1,2,4-Trichlorobenzene
 Concen: 45.963 ug/l
 RT: 13.48 min Scan# 3854
 Delta R.T. -0.00 min
 Lab File: VU034157.D
 Acq: 01 Sep 2019 05:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 347798
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.4 142.2
 145 28.6 14.1 42.3

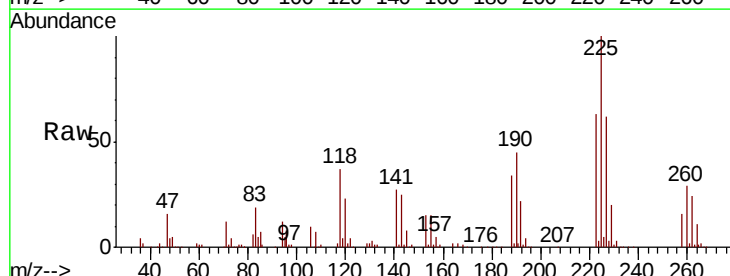


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

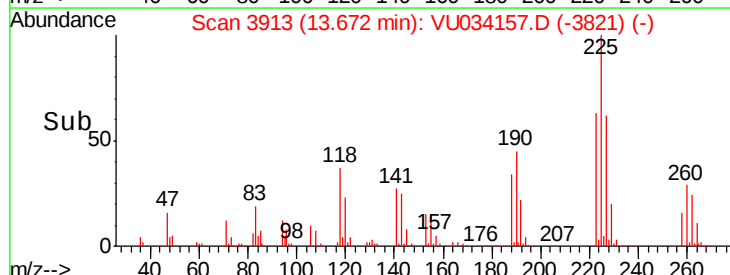
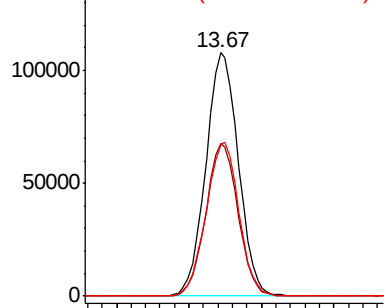


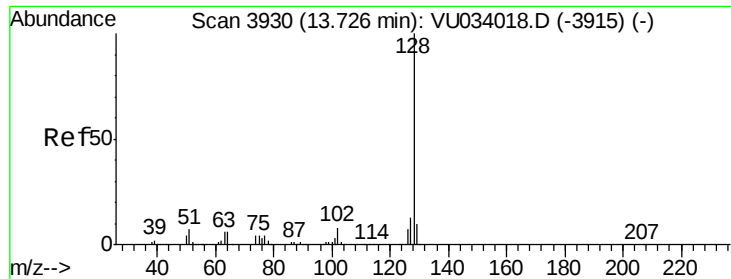
#94
 Hexachlorobutadiene
 Concen: 40.222 ug/l
 RT: 13.67 min Scan# 3913
 Delta R.T. -0.00 min
 Lab File: VU034157.D
 Acq: 01 Sep 2019 05:38

Tgt Ion:225 Resp: 167726
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.8 95.3
 227 63.5 32.6 97.8



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

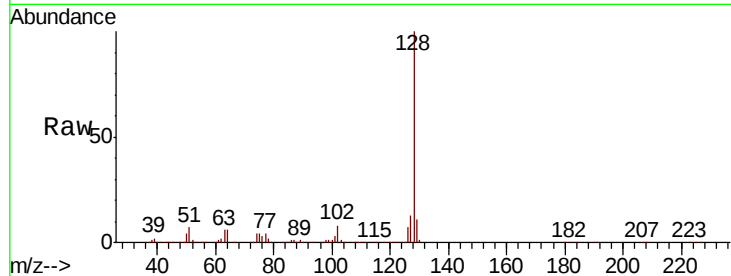




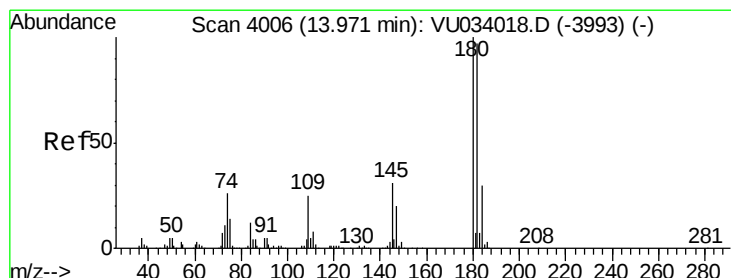
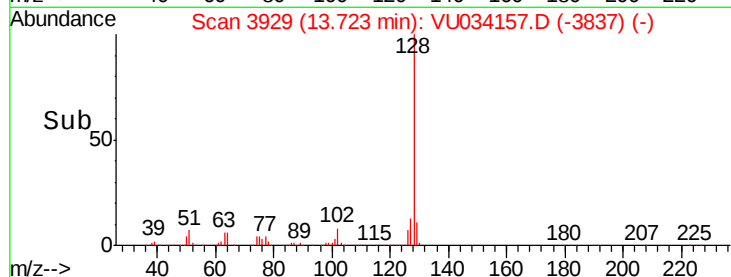
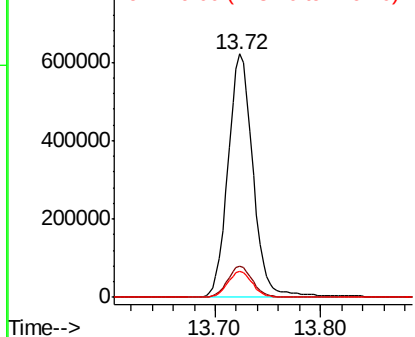
#95
Naphthalene
Concen: 46.999 ug/l
RT: 13.72 min Scan# 3929
Delta R.T. -0.00 min
Lab File: VU034157.D
Acq: 01 Sep 2019 05:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 1018100
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.6 8.4 12.6

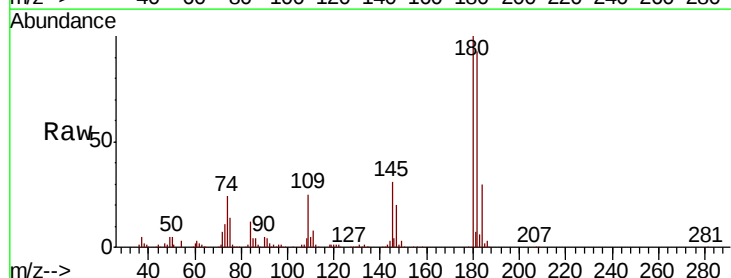


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 50.718 ug/l
RT: 13.97 min Scan# 4005
Delta R.T. -0.00 min
Lab File: VU034157.D
Acq: 01 Sep 2019 05:38

Tgt Ion:180 Resp: 346326
Ion Ratio Lower Upper
180 100
182 96.0 48.2 144.6
145 30.7 15.5 46.5



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

