

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082919\
 Data File : VU034050.D
 Acq On : 29 Aug 2019 01:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 29 04:22:44 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	424243	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	691209	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	669529	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	354880	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	281569	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
35) Dibromofluoromethane	4.86	113	235607	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
50) Toluene-d8	7.55	98	918854	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
62) 4-Bromofluorobenzene	10.29	95	346944	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	223542	52.392	ug/l	100
3) Chloromethane	1.32	50	257630	45.004	ug/l	100
4) Vinyl Chloride	1.40	62	281745	49.614	ug/l	99
5) Bromomethane	1.61	94	118423	42.446	ug/l	98
6) Chloroethane	1.68	64	171322	49.348	ug/l	100
7) Trichlorofluoromethane	1.87	101	332820	50.581	ug/l	100
8) Diethyl Ether	2.09	74	145153	51.567	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.27	101	205924	49.401	ug/l	99
10) Methyl Iodide	2.40	142	137543	23.261	ug/l	100
11) Tert butyl alcohol	2.81	59	293372	234.029	ug/l	100
12) 1,1-Dichloroethene	2.27	96	215174	50.664	ug/l	99
13) Acrolein	2.18	56	110353	209.262	ug/l	99
14) Allyl chloride	2.58	41	348375	43.627	ug/l	91
15) Acrylonitrile	2.92	53	750879	261.034	ug/l	100
16) Acetone	2.31	43	625612	225.553	ug/l	100
17) Carbon Disulfide	2.46	76	654482	48.690	ug/l	99
18) Methyl Acetate	2.60	43	343991	47.992	ug/l	99
19) Methyl tert-butyl Ether	2.98	73	732980	52.673	ug/l	100
20) Methylene Chloride	2.68	84	256339	48.818	ug/l	99
21) trans-1,2-Dichloroethene	2.96	96	234894	50.960	ug/l	99
22) Diisopropyl ether	3.55	45	777787	53.156	ug/l	98
23) Vinyl Acetate	3.50	43	3362267	267.492	ug/l	100
24) 1,1-Dichloroethane	3.42	63	444074	51.405	ug/l	100
25) 2-Butanone	4.23	43	993241	257.388	ug/l	100
26) 2,2-Dichloropropane	4.20	77	278741	39.654	ug/l	98
27) cis-1,2-Dichloroethene	4.20	96	264871	51.197	ug/l	97
28) Bromochloromethane	4.52	49	223745	52.570	ug/l	99
29) Tetrahydrofuran	4.61	42	643993	270.608	ug/l	99
30) Chloroform	4.65	83	426462	49.478	ug/l	98
31) Cyclohexane	4.97	56	393831	48.517	ug/l	99
32) 1,1,1-Trichloroethane	4.89	97	354360	50.199	ug/l	99
36) 1,1-Dichloropropene	5.11	75	312771	47.839	ug/l	100
37) Ethyl Acetate	4.36	43	362874	49.564	ug/l	99
38) Carbon Tetrachloride	5.11	117	308347	48.860	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	375773	48.765	ug/l	99
40) Benzene	5.37	78	978987	49.492	ug/l	100
41) Methacrylonitrile	4.52	41	198301	52.813	ug/l	99
42) 1,2-Dichloroethane	5.38	62	335814	49.163	ug/l	99
43) Isopropyl Acetate	5.53	43	561377	50.400	ug/l	99
44) Trichloroethene	6.16	130	260877	50.222	ug/l	99
45) 1,2-Dichloropropane	6.41	63	273400	50.210	ug/l	100
46) Dibromomethane	6.54	93	170799	48.687	ug/l	100
47) Bromodichloromethane	6.74	83	337703	49.202	ug/l	100
48) Methyl methacrylate	6.60	41	272737	50.744	ug/l	98
49) 1,4-Dioxane	6.59	88	121159	899.679	ug/l	100
51) 4-Methyl-2-Pentanone	7.44	43	1901537	247.204	ug/l	100
52) Toluene	7.62	92	611980	50.222	ug/l	100
53) t-1,3-Dichloropropene	7.86	75	358187	47.032	ug/l	99
54) cis-1,3-Dichloropropene	7.25	75	402618	48.390	ug/l	98
55) 1,1,2-Trichloroethane	8.05	97	246388	47.802	ug/l	99
56) Ethyl methacrylate	8.00	69	381045	44.674	ug/l	99
57) 1,3-Dichloropropane	8.22	76	428091	48.915	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.11	63	742782	260.486	ug/l	99
59) 2-Hexanone	8.34	43	1433021	246.779	ug/l	100
60) Dibromochloromethane	8.46	129	269505	48.710	ug/l	100
61) 1,2-Dibromoethane	8.57	107	259608	47.814	ug/l	99
64) Tetrachloroethene	8.21	164	229639	51.073	ug/l	99
65) Chlorobenzene	9.10	112	672532	48.811	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.19	131	238257	47.688	ug/l	99
67) Ethyl Benzene	9.23	91	1161417	49.727	ug/l	99
68) m/p-Xylenes	9.36	106	899539	101.290	ug/l	99
69) o-Xylene	9.76	106	429511	50.411	ug/l	100
70) Styrene	9.77	104	755017	51.682	ug/l	100
71) Bromoform	9.94	173	202386	46.624	ug/l #	99
73) Isopropylbenzene	10.15	105	1155735	48.485	ug/l	100
74) N-amyl acetate	10.00	43	502507	50.122	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.44	83	414808	45.465	ug/l	100
76) 1,2,3-Trichloropropane	10.48	75	451083	56.397	ug/l	88
77) Bromobenzene	10.43	156	298024	46.478	ug/l	98
78) n-propylbenzene	10.57	91	1349070	48.597	ug/l	99
79) 2-Chlorotoluene	10.64	91	798415	47.950	ug/l	100
80) 1,3,5-Trimethylbenzene	10.75	105	996403	49.319	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.48	75	452303	190.415	ug/l #	100
82) 4-Chlorotoluene	10.75	91	919139	47.997	ug/l	99
83) tert-Butylbenzene	11.08	119	939347	47.230	ug/l	99
84) 1,2,4-Trimethylbenzene	11.13	105	997814	49.737	ug/l	99
85) sec-Butylbenzene	11.31	105	1153630	48.395	ug/l	99
86) p-Isopropyltoluene	11.46	119	1052452	48.817	ug/l	100
87) 1,3-Dichlorobenzene	11.40	146	534997	47.128	ug/l	100
88) 1,4-Dichlorobenzene	11.49	146	542653	47.267	ug/l	99
89) n-Butylbenzene	11.87	91	940050	49.456	ug/l	99
90) Hexachloroethane	12.13	117	156821	42.072	ug/l	100
91) 1,2-Dichlorobenzene	11.86	146	527627	48.520	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.64	75	87076	47.907	ug/l	99

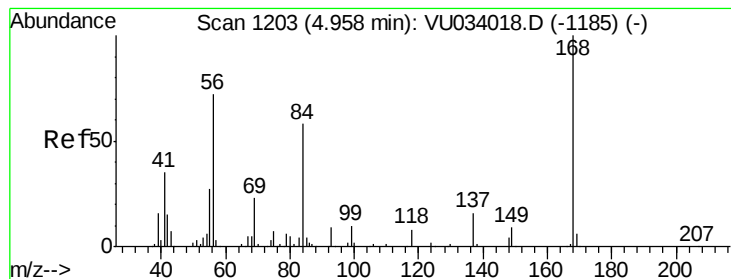
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.49	180	365632	47.332	ug/l	99
94) Hexachlorobutadiene	13.67	225	189970	44.657	ug/l	99
95) Naphthalene	13.73	128	1066718	48.223	ug/l	99
96) 1,2,3-Trichlorobenzene	13.97	180	363476	52.179	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034050.D

Acq: 29 Aug 2019 01:50

Instrument :

MSVOA_U

ClientSampleId :

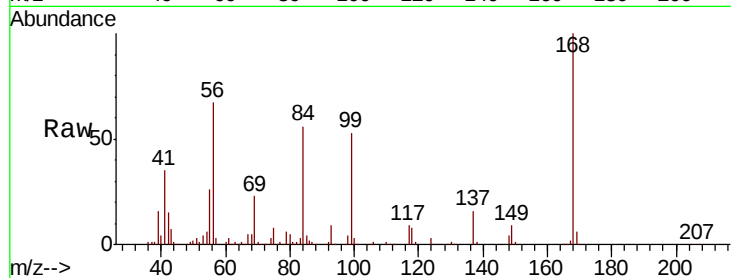
VSTDCCC050EC

Tgt Ion:168 Resp: 424243

Ion Ratio Lower Upper

168 100

99 52.2 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

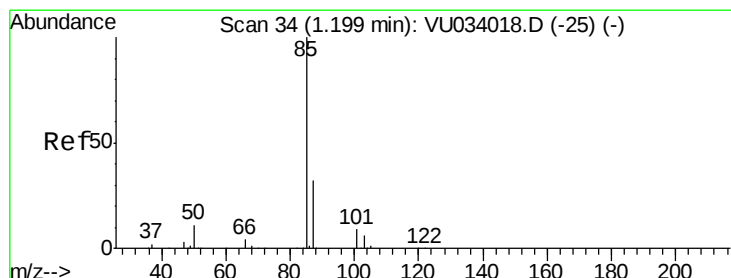
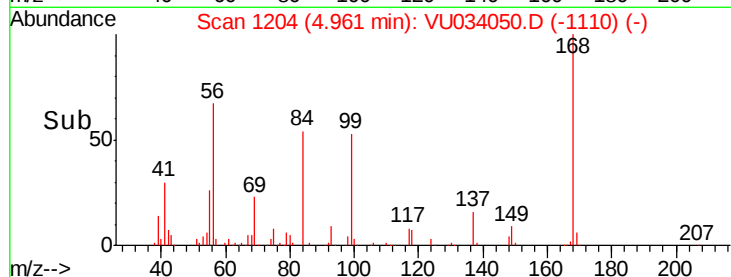
100000

50000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 52.392 ug/l

RT: 1.20 min Scan# 34

Delta R.T. 0.00 min

Lab File: VU034050.D

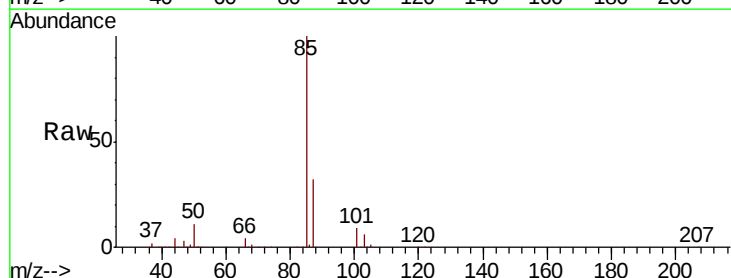
Acq: 29 Aug 2019 01:50

Tgt Ion: 85 Resp: 223542

Ion Ratio Lower Upper

85 100

87 32.1 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

250000

200000

150000

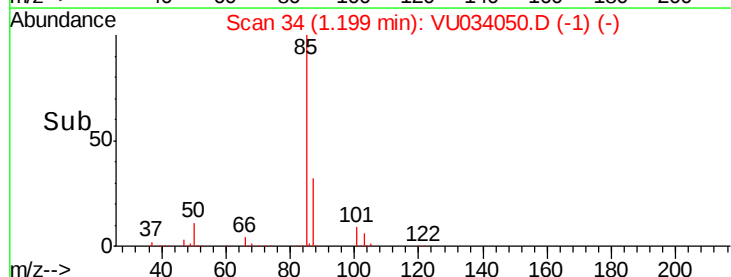
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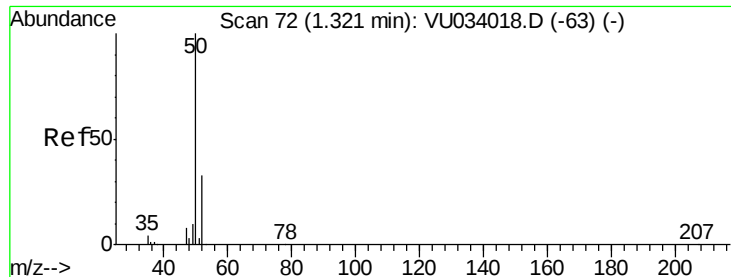
50000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 45.004 ug/l

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU034050.D

Acq: 29 Aug 2019 01:50

Instrument :

MSVOA_U

ClientSampleId :

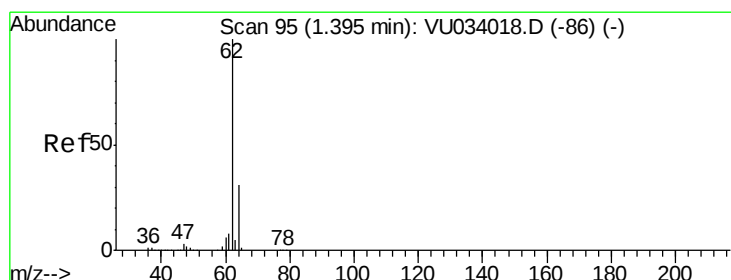
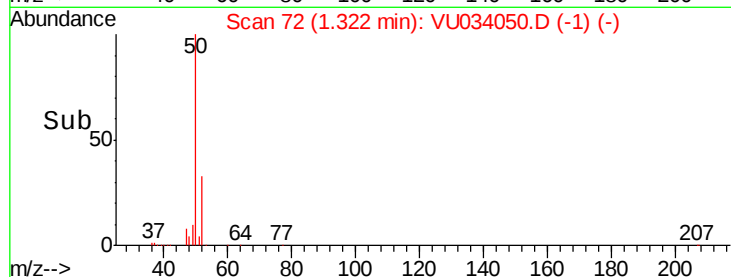
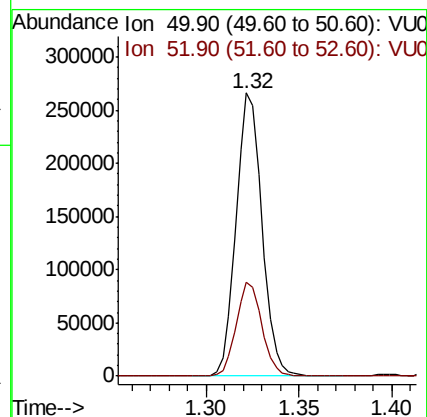
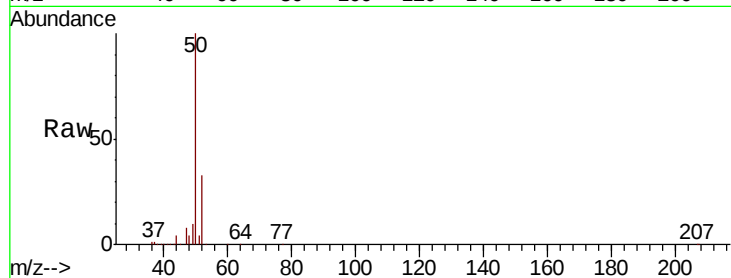
VSTDCCC050EC

Tgt Ion: 50 Resp: 257630

Ion Ratio Lower Upper

50 100

52 33.0 26.2 39.4



#4

Vinyl Chloride

Concen: 49.614 ug/l

RT: 1.40 min Scan# 95

Delta R.T. 0.00 min

Lab File: VU034050.D

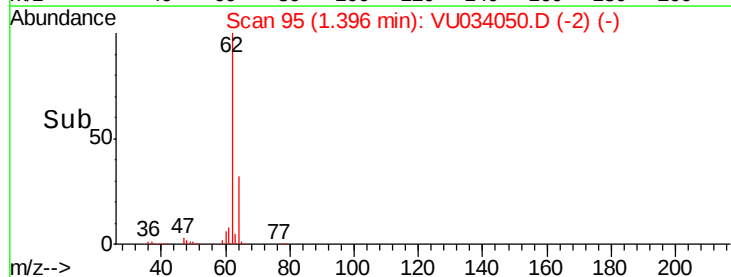
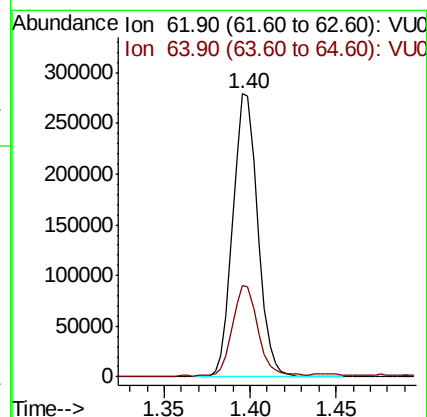
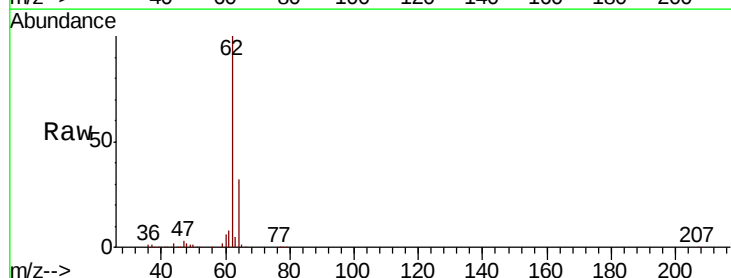
Acq: 29 Aug 2019 01:50

Tgt Ion: 62 Resp: 281745

Ion Ratio Lower Upper

62 100

64 32.1 25.0 37.6





#5

Bromomethane

Concen: 42.446 ug/l

RT: 1.61 min Scan# 161

Delta R.T. 0.01 min

Lab File: VU034050.D

Acq: 29 Aug 2019 01:50

Instrument :

MSVOA_U

ClientSampleId :

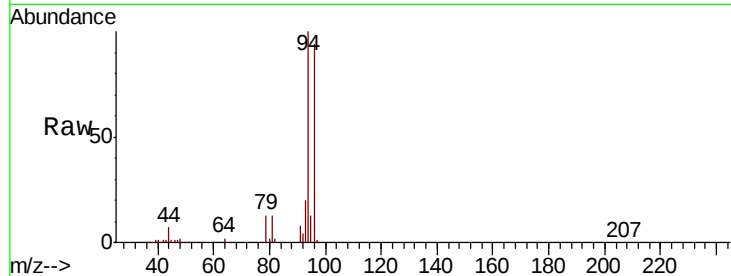
VSTDCCC050EC

Tgt Ion: 94 Resp: 118423

Ion Ratio Lower Upper

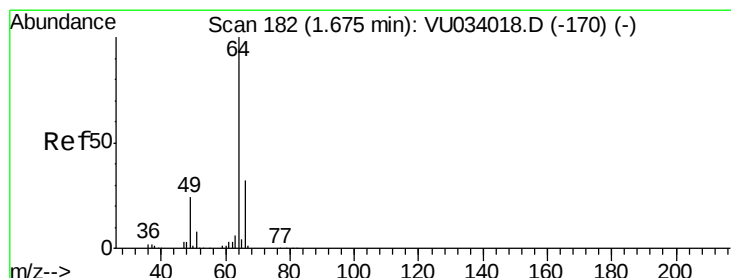
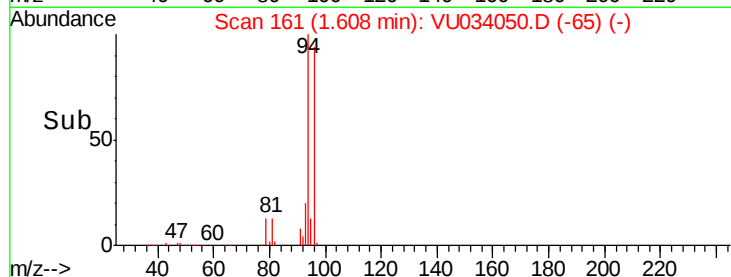
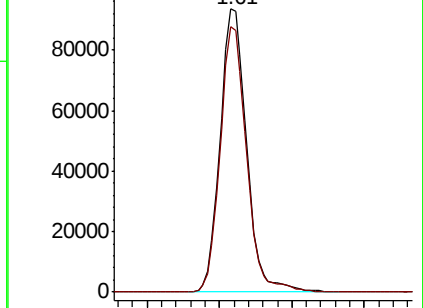
94 100

96 93.6 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VU034018.D (-143) (-)

Ion 95.90 (95.60 to 96.60): VU034018.D (-143) (-)



#6

Chloroethane

Concen: 49.348 ug/l

RT: 1.68 min Scan# 185

Delta R.T. 0.01 min

Lab File: VU034050.D

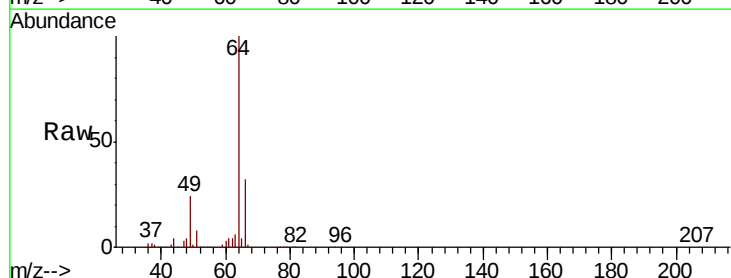
Acq: 29 Aug 2019 01:50

Tgt Ion: 64 Resp: 171322

Ion Ratio Lower Upper

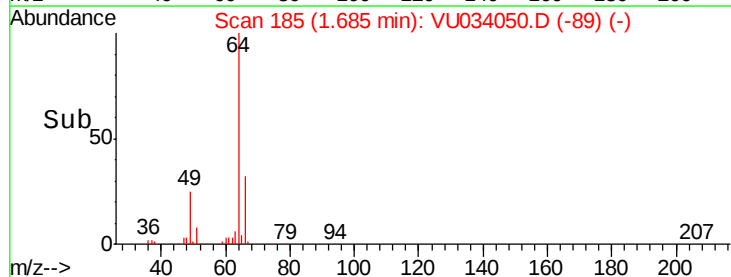
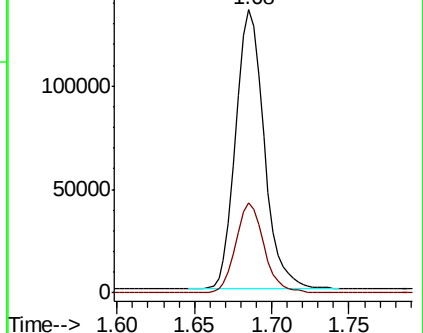
64 100

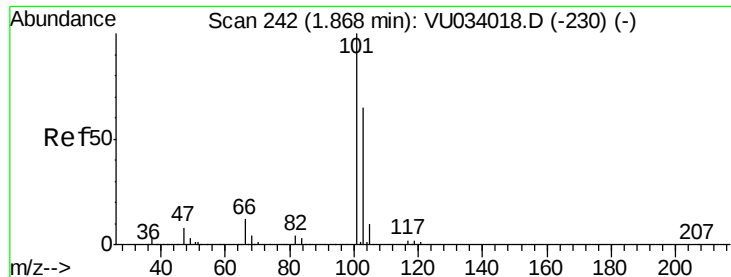
66 32.0 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU034018.D (-170) (-)

Ion 65.90 (65.60 to 66.60): VU034018.D (-170) (-)



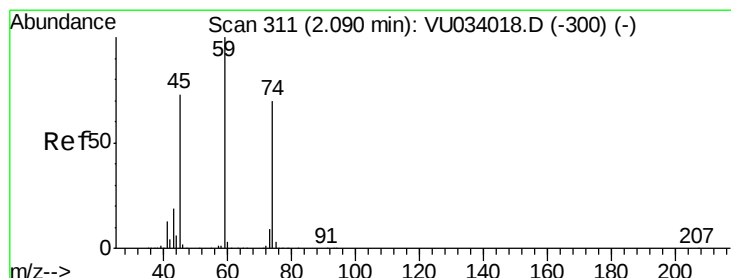
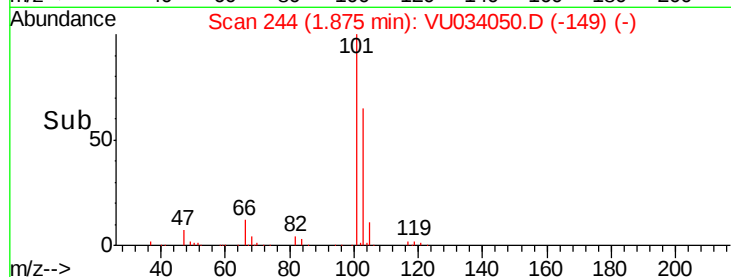
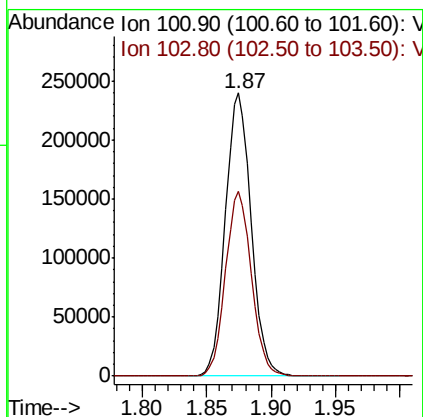
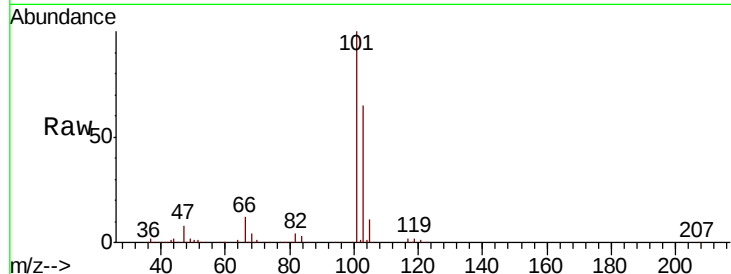


#7

Trichlorofluoromethane
 Concen: 50.581 ug/l
 RT: 1.87 min Scan# 244
 Delta R.T. 0.01 min
 Lab File: VU034050.D
 Acq: 29 Aug 2019 01:50

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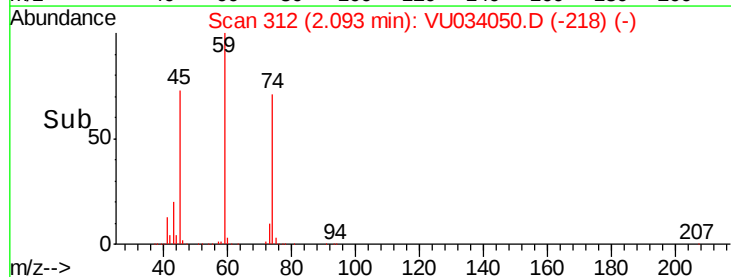
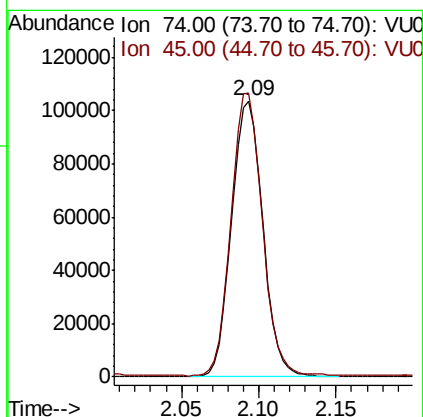
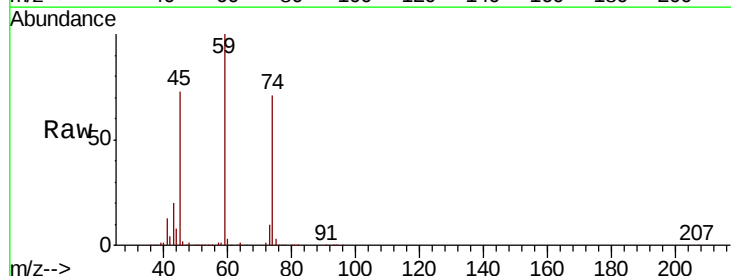
Tgt Ion:101 Resp: 332820
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.1 78.1



#8

Diethyl Ether
 Concen: 51.567 ug/l
 RT: 2.09 min Scan# 312
 Delta R.T. 0.00 min
 Lab File: VU034050.D
 Acq: 29 Aug 2019 01:50

Tgt Ion: 74 Resp: 145153
 Ion Ratio Lower Upper
 74 100
 45 102.3 51.8 155.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.401 ug/l

RT: 2.27 min Scan# 368

Delta R.T. 0.00 min

Lab File: VU034050.D

Acq: 29 Aug 2019 01:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

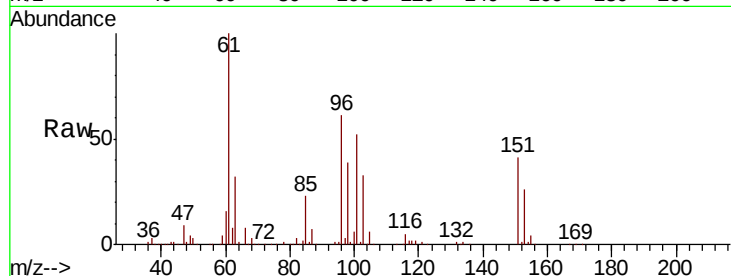
Tgt Ion:101 Resp: 205924

Ion Ratio Lower Upper

101 100

85 43.1 34.2 51.2

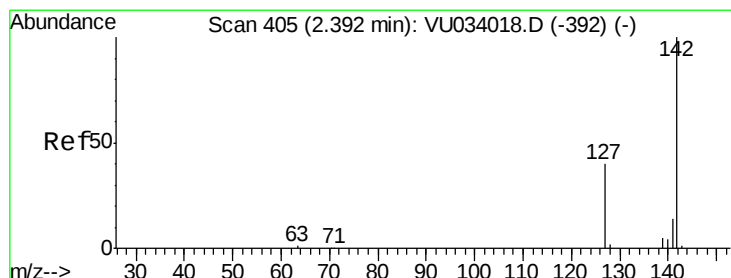
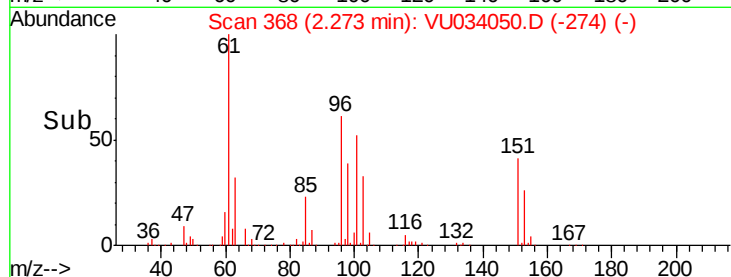
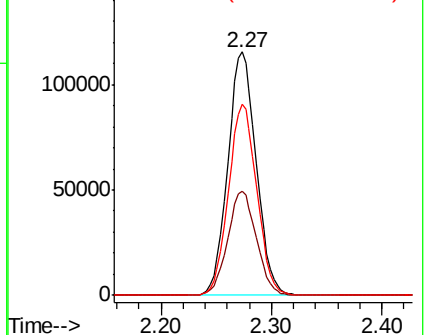
151 78.4 61.4 92.2



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: 23.261 ug/l

RT: 2.40 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU034050.D

Acq: 29 Aug 2019 01:50

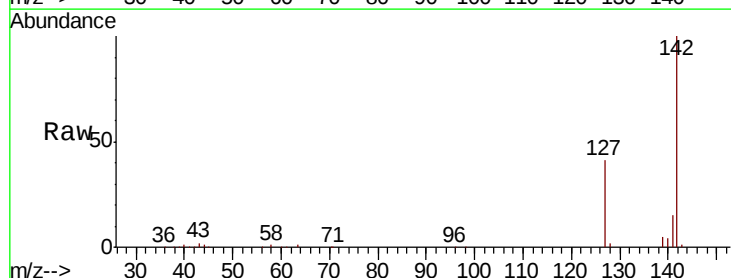
Tgt Ion:142 Resp: 137543

Ion Ratio Lower Upper

142 100

127 40.8 32.6 48.8

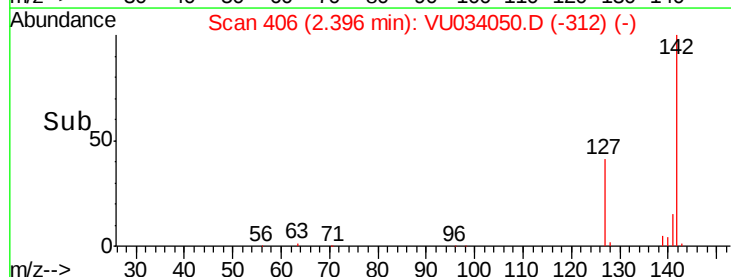
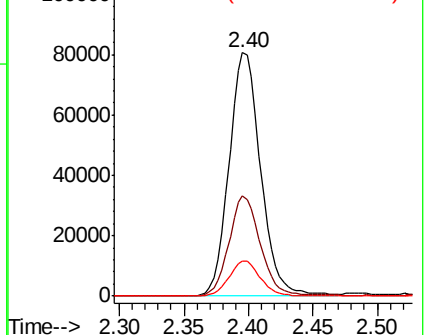
141 14.3 11.3 16.9

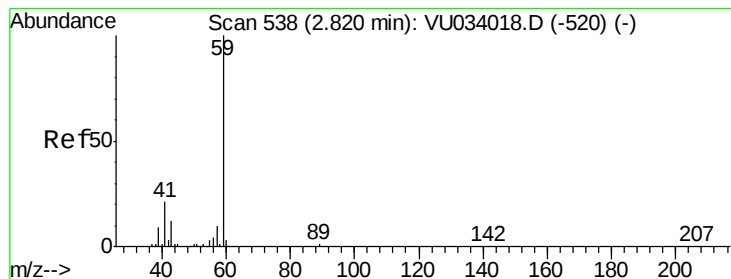


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



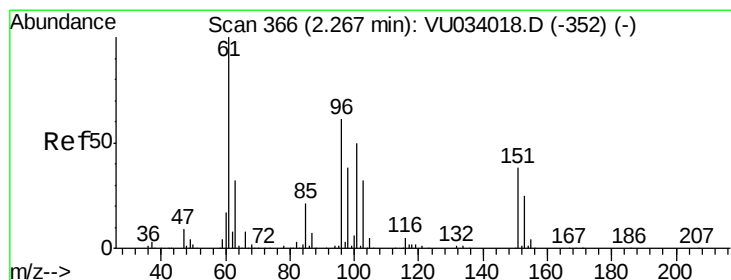
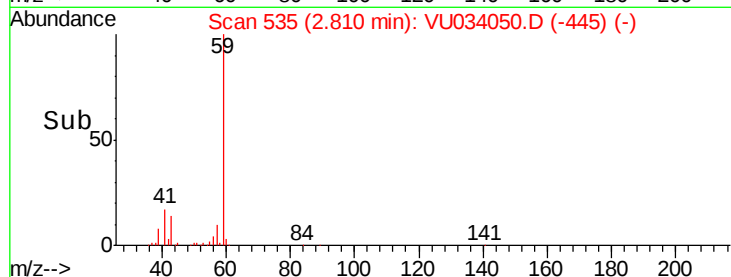
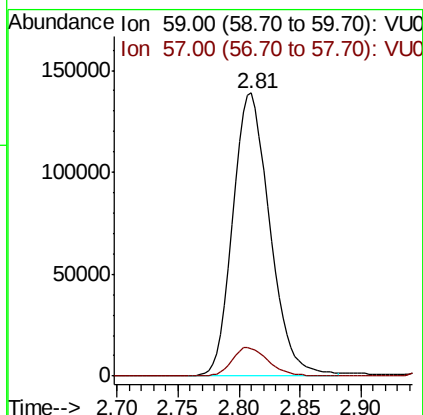
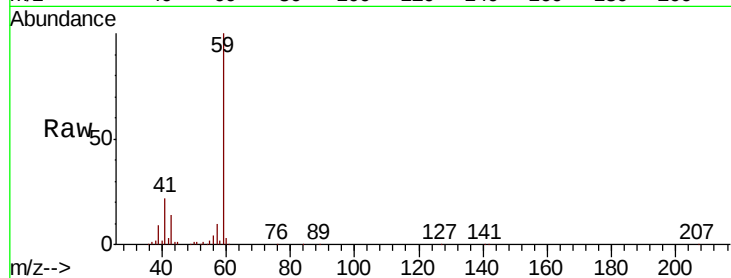


#11

Tert butyl alcohol
 Concen: 234.029 ug/l
 RT: 2.81 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VU034050.D
 Acq: 29 Aug 2019 01:50

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

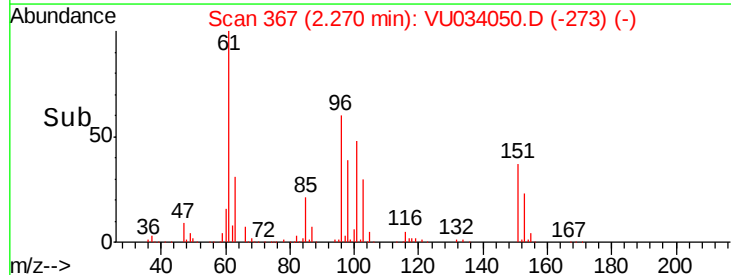
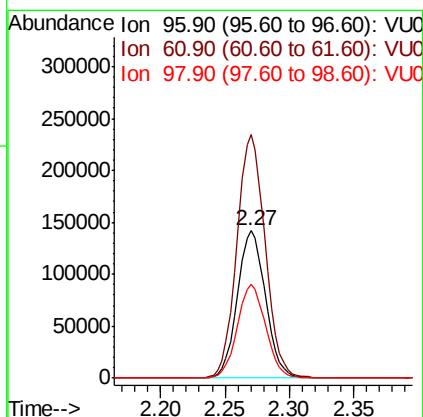
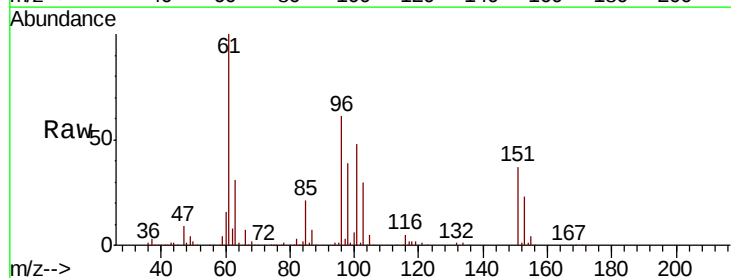
Tgt Ion: 59 Resp: 293372
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.0 12.0

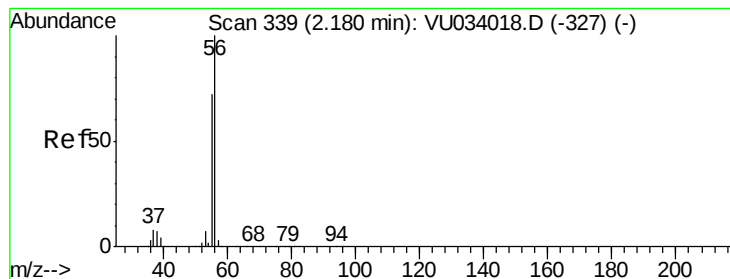


#12

1,1-Dichloroethene
 Concen: 50.664 ug/l
 RT: 2.27 min Scan# 367
 Delta R.T. 0.00 min
 Lab File: VU034050.D
 Acq: 29 Aug 2019 01:50

Tgt Ion: 96 Resp: 215174
 Ion Ratio Lower Upper
 96 100
 61 165.3 131.3 196.9
 98 63.7 50.3 75.5





#13

Acrolein

Concen: 209.262 ug/l

RT: 2.18 min Scan# 339

Delta R.T. 0.00 min

Lab File: VU034050.D

Acq: 29 Aug 2019 01:50

Instrument :

MSVOA_U

ClientSampleId :

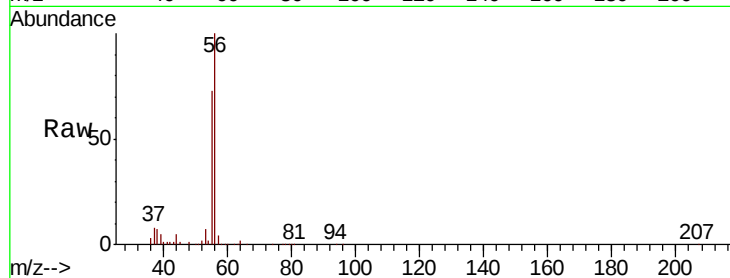
VSTDCCC050EC

Tgt Ion: 56 Resp: 110353

Ion Ratio Lower Upper

56 100

55 72.2 57.1 85.7



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

Ion 55.00 (54.70 to 55.70): VU034018.D (-327) (-)

2.18

80000

60000

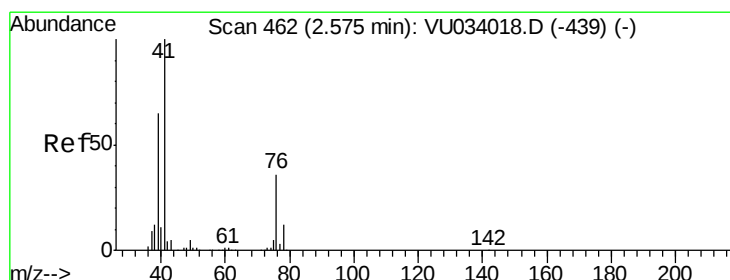
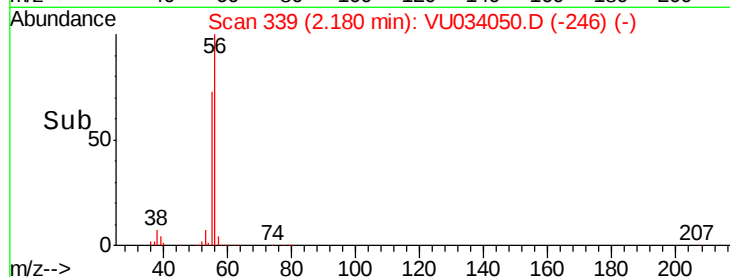
40000

20000

0

2.10 2.20 2.30

Time-->



#14

Allyl chloride

Concen: 43.627 ug/l

RT: 2.58 min Scan# 463

Delta R.T. 0.00 min

Lab File: VU034050.D

Acq: 29 Aug 2019 01:50

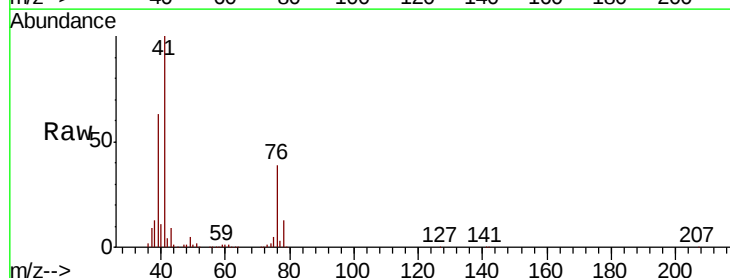
Tgt Ion: 41 Resp: 348375

Ion Ratio Lower Upper

41 100

39 65.5 46.8 70.2

76 38.1 26.6 40.0



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

Ion 39.00 (38.70 to 39.70): VU034018.D (-439) (-)

Ion 75.90 (75.60 to 76.60): VU034018.D (-439) (-)

2.58

250000

200000

150000

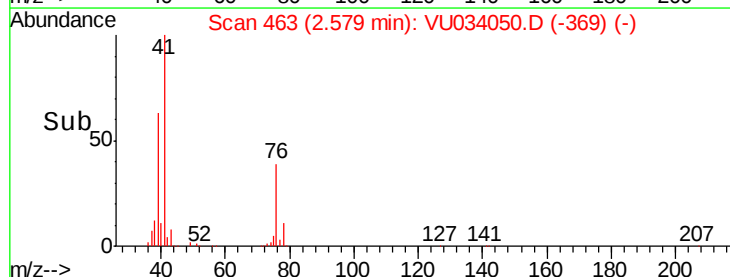
100000

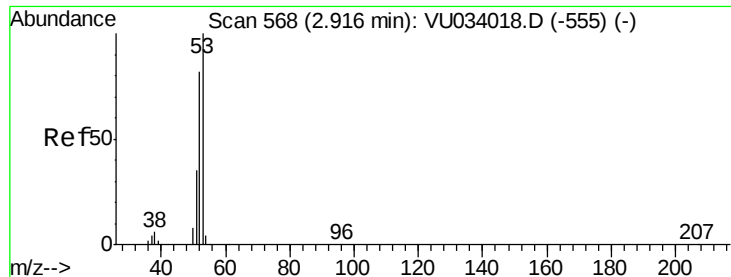
50000

0

2.55 2.60 2.65

Time-->





#15

Acrylonitrile

Concen: 261.034 ug/l

RT: 2.92 min Scan# 568

Delta R.T. 0.00 min

Lab File: VU034050.D

Acq: 29 Aug 2019 01:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

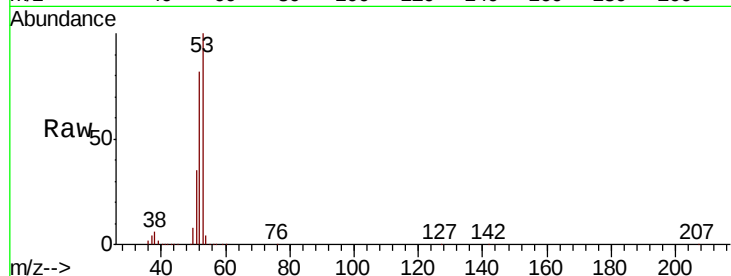
Tgt Ion: 53 Resp: 750879

Ion Ratio Lower Upper

53 100

52 81.9 65.7 98.5

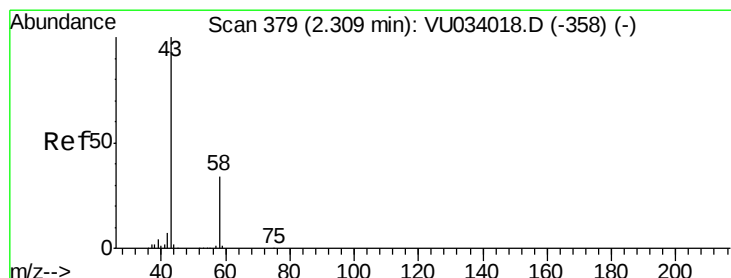
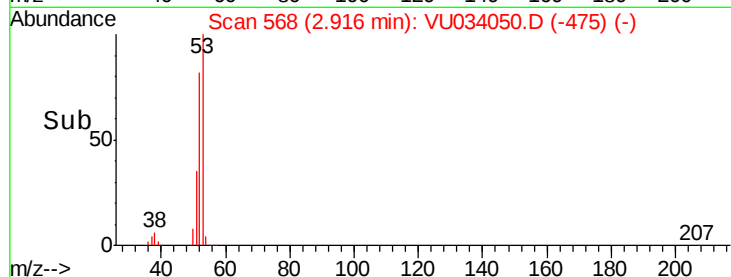
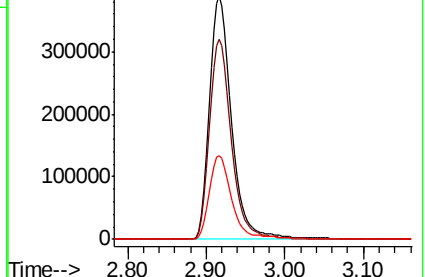
51 35.3 27.9 41.9



Abundance Ion 53.00 (52.70 to 53.70): VU034018.D (-555) (-)

Ion 52.00 (51.70 to 52.70): VU034018.D (-555) (-)

Ion 51.00 (50.70 to 51.70): VU034018.D (-555) (-)



#16

Acetone

Concen: 225.553 ug/l

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU034050.D

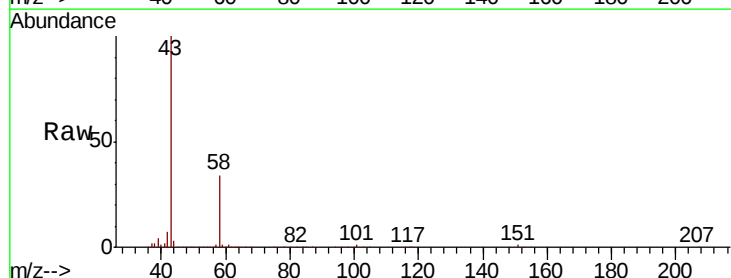
Acq: 29 Aug 2019 01:50

Tgt Ion: 43 Resp: 625612

Ion Ratio Lower Upper

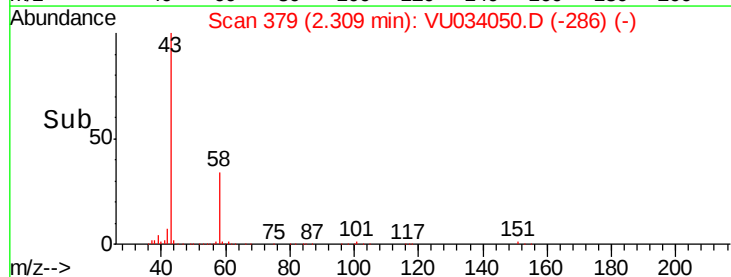
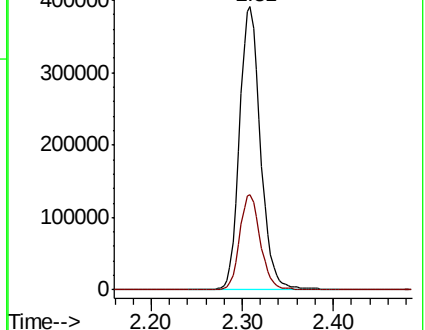
43 100

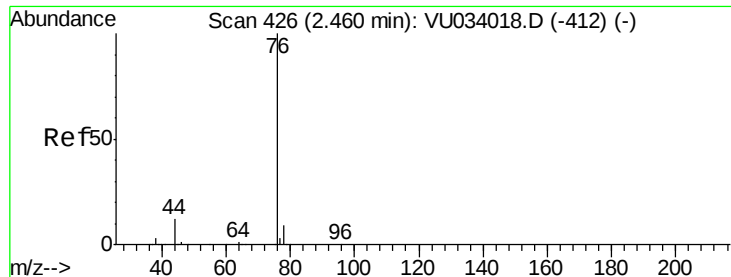
58 33.6 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VU034018.D (-358) (-)

Ion 58.00 (57.70 to 58.70): VU034018.D (-358) (-)

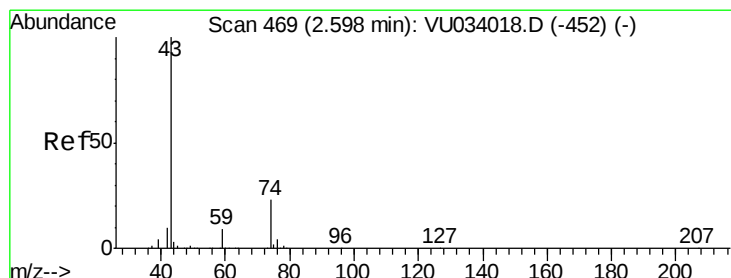
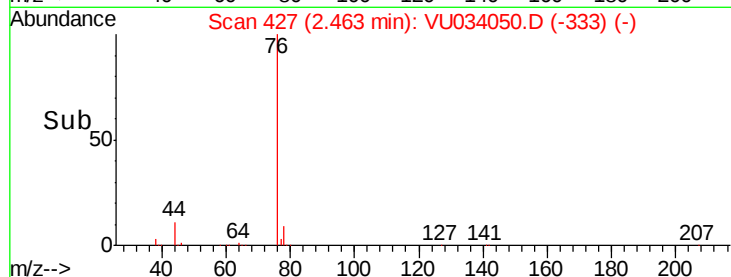
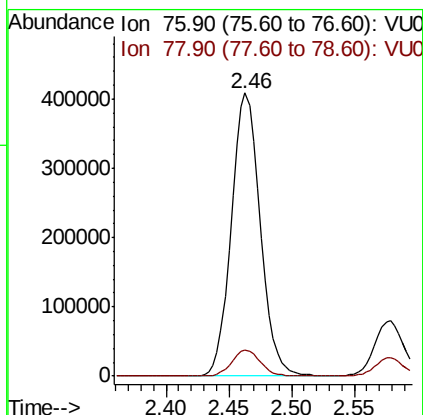
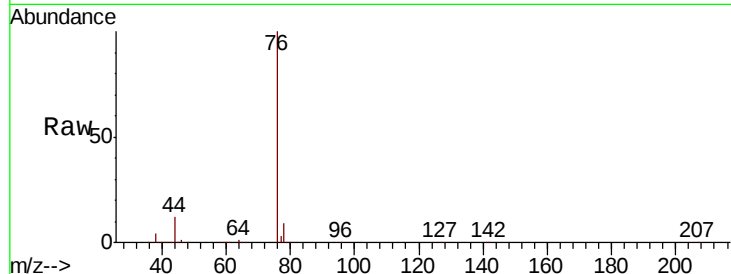




#17
Carbon Disulfide
Concen: 48.690 ug/l
RT: 2.46 min Scan# 427
Delta R.T. 0.00 min
Lab File: VU034050.D
Acq: 29 Aug 2019 01:50

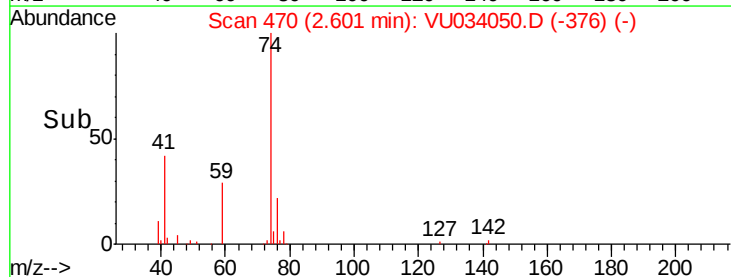
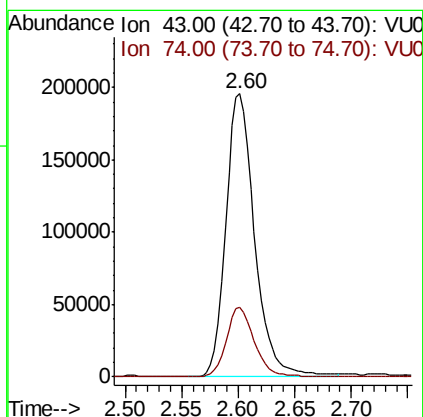
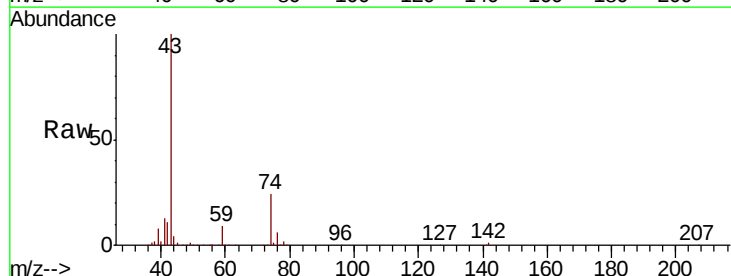
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

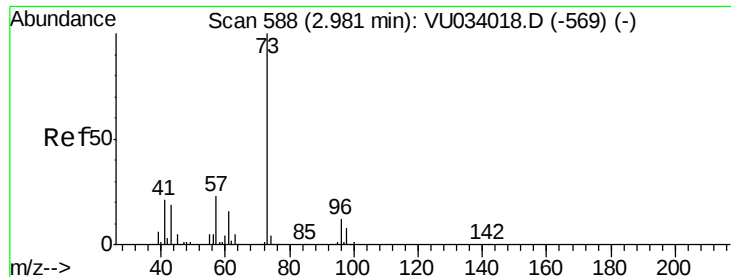
Tgt Ion: 76 Resp: 654482
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7



#18
Methyl Acetate
Concen: 47.992 ug/l
RT: 2.60 min Scan# 470
Delta R.T. 0.00 min
Lab File: VU034050.D
Acq: 29 Aug 2019 01:50

Tgt Ion: 43 Resp: 343991
Ion Ratio Lower Upper
43 100
74 24.4 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 52.673 ug/l

RT: 2.98 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU034050.D

Acq: 29 Aug 2019 01:50

Instrument :

MSVOA_U

ClientSampleId :

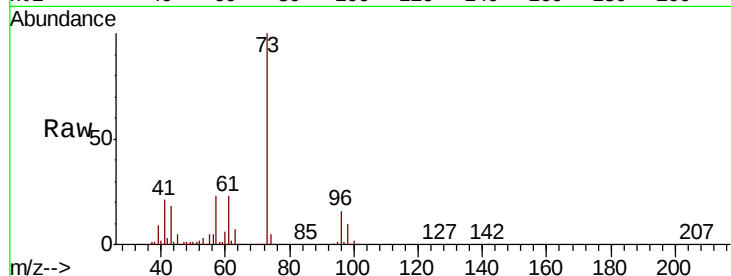
VSTDCCC050EC

Tgt Ion: 73 Resp: 732980

Ion Ratio Lower Upper

73 100

57 23.0 18.3 27.5



Abundance Ion 73.00 (72.70 to 73.70): VU034050.D (-495) (-)

Ion 57.00 (56.70 to 57.70): VU034050.D (-495) (-)

2.98

300000

200000

100000

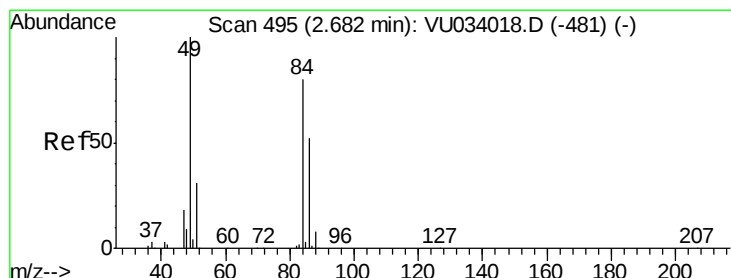
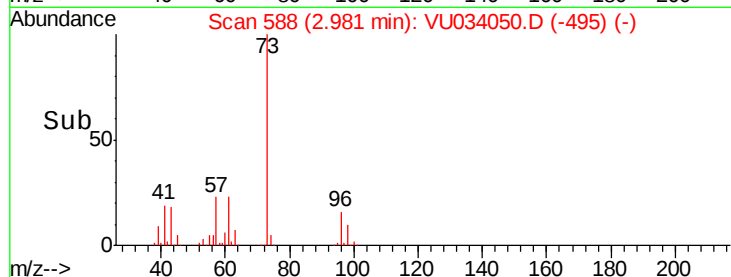
0

Time-->

2.90

3.00

3.10



#20

Methylene Chloride

Concen: 48.818 ug/l

RT: 2.68 min Scan# 496

Delta R.T. 0.00 min

Lab File: VU034050.D

Acq: 29 Aug 2019 01:50

Tgt Ion: 84 Resp: 256339

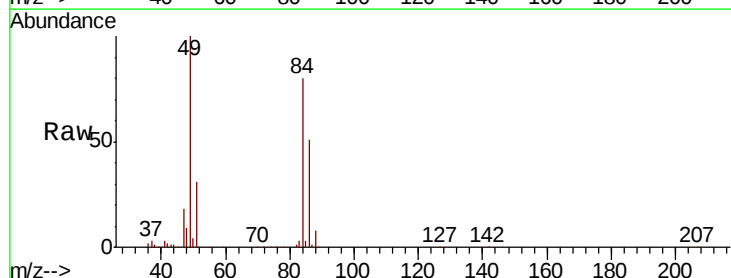
Ion Ratio Lower Upper

84 100

49 125.3 100.2 150.4

51 39.4 30.8 46.2

86 64.4 52.5 78.7



Abundance Ion 83.90 (83.60 to 84.60): VU034050.D (-402) (-)

Ion 48.90 (48.60 to 49.60): VU034050.D (-402) (-)

Ion 50.90 (50.60 to 51.60): VU034050.D (-402) (-)

Ion 85.90 (85.60 to 86.60): VU034050.D (-402) (-)

2.68

250000

200000

150000

100000

50000

0

Time-->

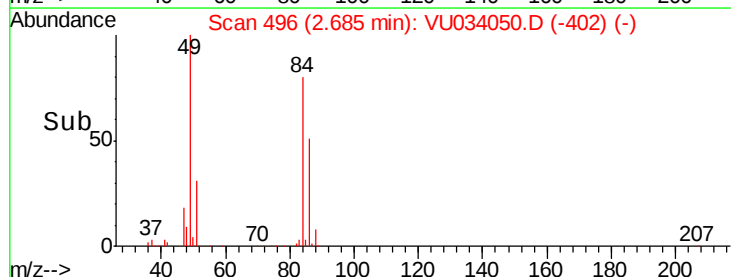
2.60

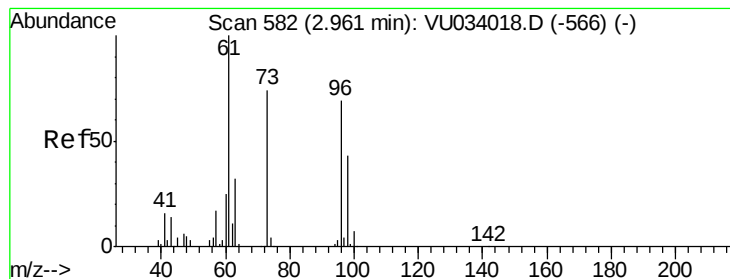
2.65

2.70

2.75

2.80





#21

trans-1,2-Dichloroethene

Concen: 50.960 ug/l

RT: 2.96 min Scan# 583

Delta R.T. 0.00 min

Lab File: VU034050.D

Acq: 29 Aug 2019 01:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

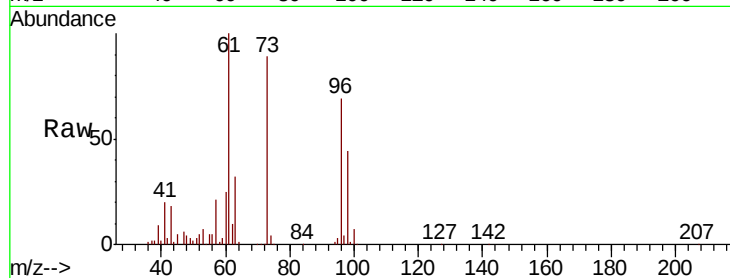
Tgt Ion: 96 Resp: 234894

Ion Ratio Lower Upper

96 100

61 145.1 115.5 173.3

98 63.6 50.1 75.1

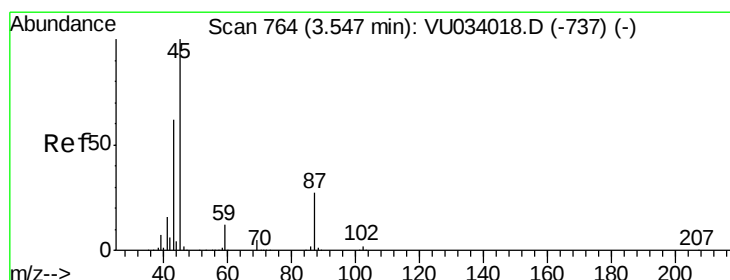
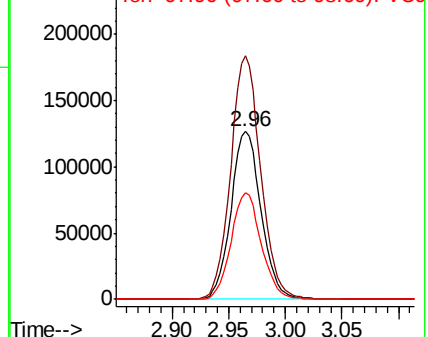
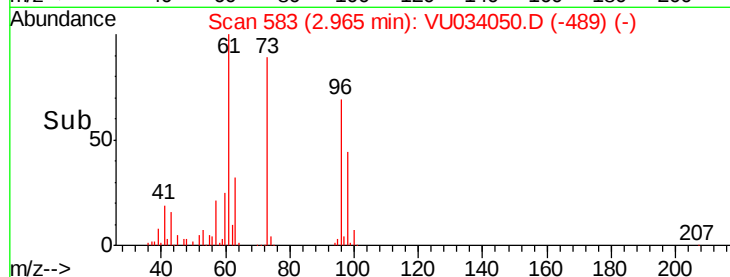


Abundance

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



#22

Diisopropyl ether

Concen: 53.156 ug/l

RT: 3.55 min Scan# 765

Delta R.T. 0.00 min

Lab File: VU034050.D

Acq: 29 Aug 2019 01:50

Tgt Ion: 45 Resp: 777787

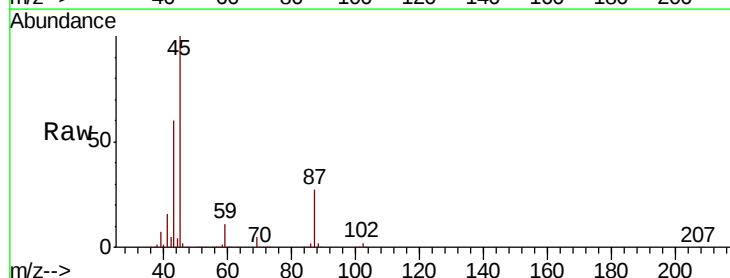
Ion Ratio Lower Upper

45 100

43 60.3 49.7 74.5

87 27.0 21.8 32.8

59 11.4 9.3 13.9



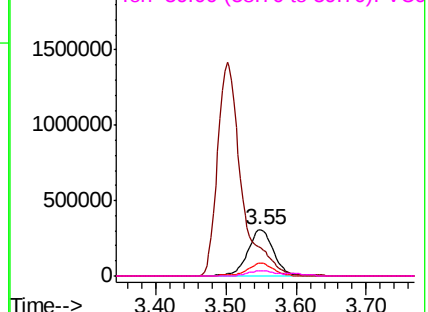
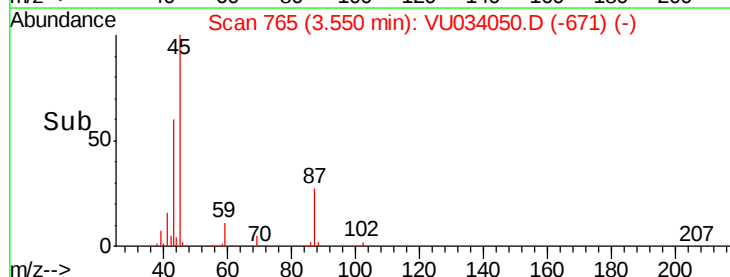
Abundance

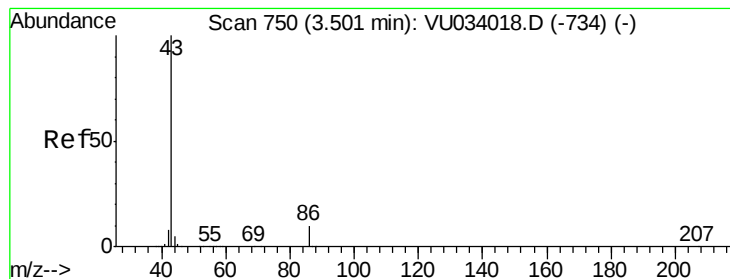
Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 267.492 ug/l

RT: 3.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: VU034050.D

Acq: 29 Aug 2019 01:50

Instrument :

MSVOA_U

ClientSampleId :

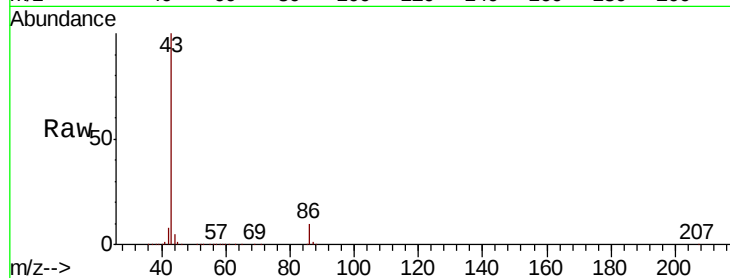
VSTDCCC050EC

Tgt Ion: 43 Resp: 3362267

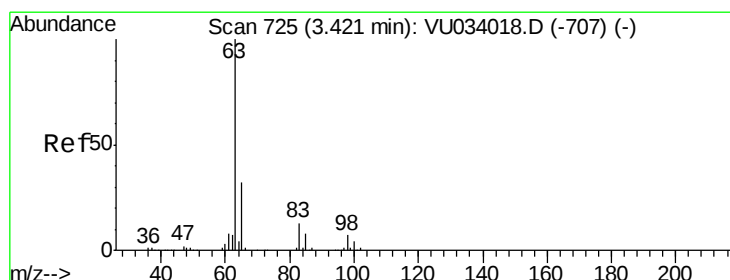
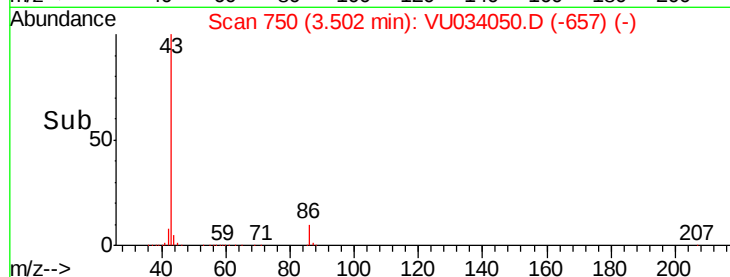
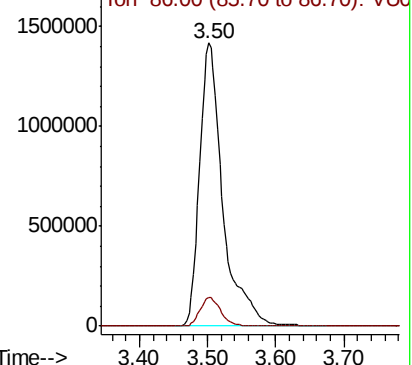
Ion Ratio Lower Upper

43 100

86 10.3 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VU034018.D (-734) (-)



#24

1,1-Dichloroethane

Concen: 51.405 ug/l

RT: 3.42 min Scan# 726

Delta R.T. 0.00 min

Lab File: VU034050.D

Acq: 29 Aug 2019 01:50

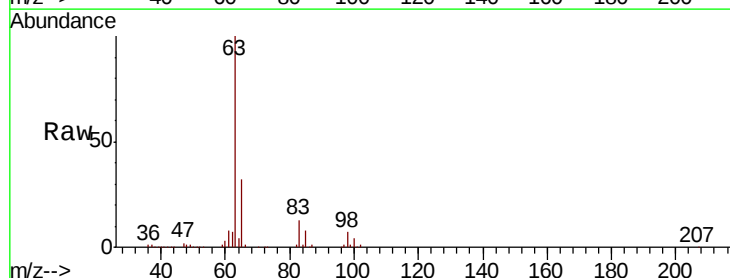
Tgt Ion: 63 Resp: 444074

Ion Ratio Lower Upper

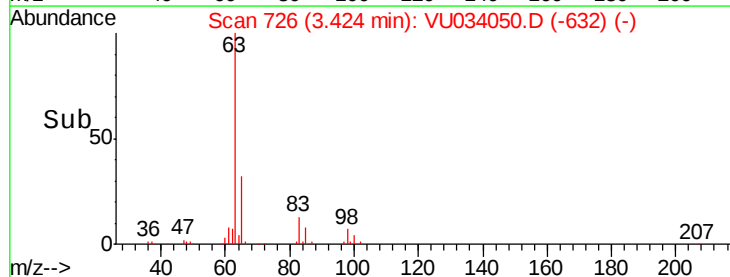
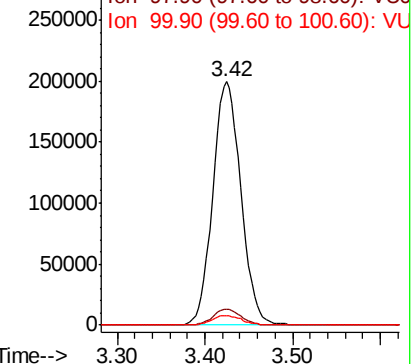
63 100

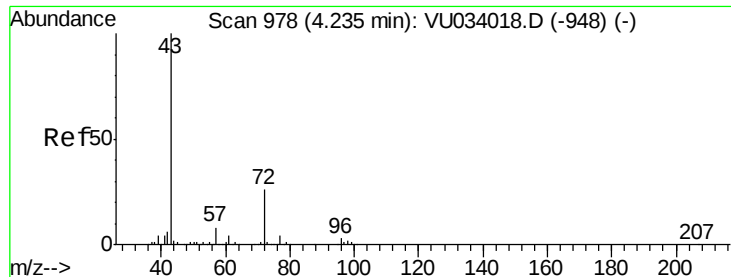
98 6.7 3.3 9.8

100 4.0 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VU034018.D (-707) (-)

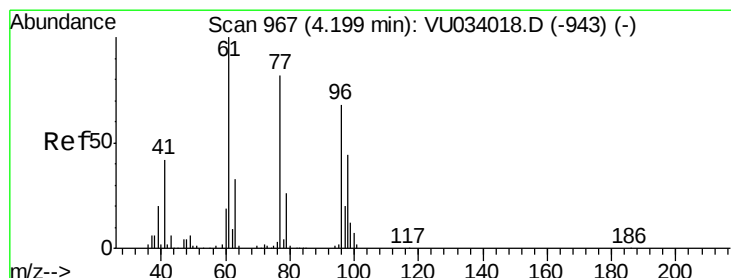
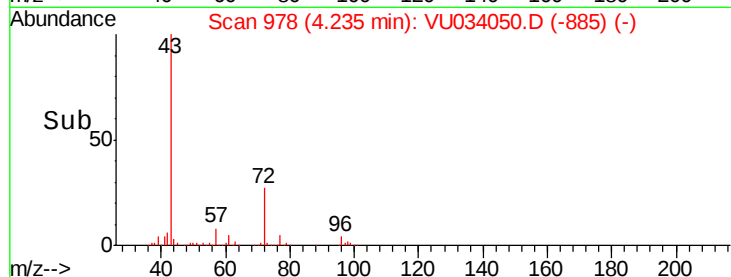
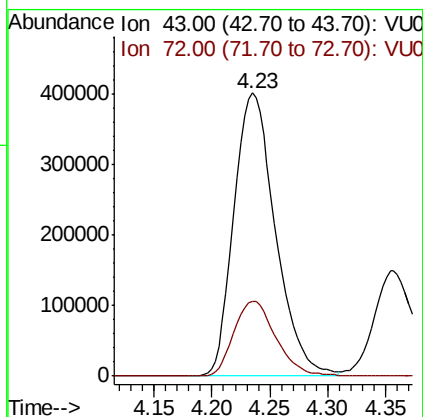
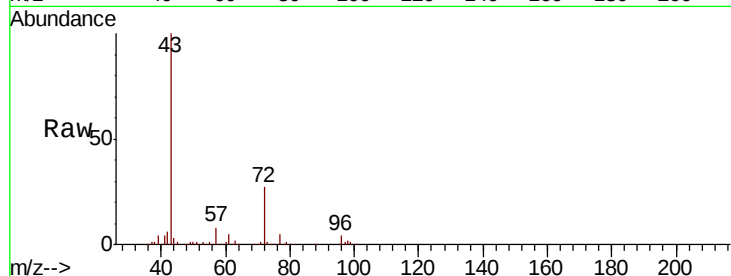




#25
 2-Butanone
 Concen: 257.388 ug/l
 RT: 4.23 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VU034050.D
 Acq: 29 Aug 2019 01:50

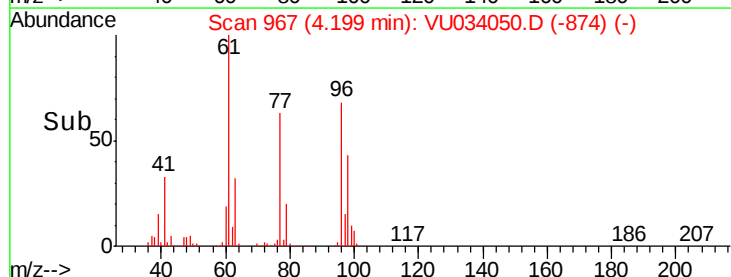
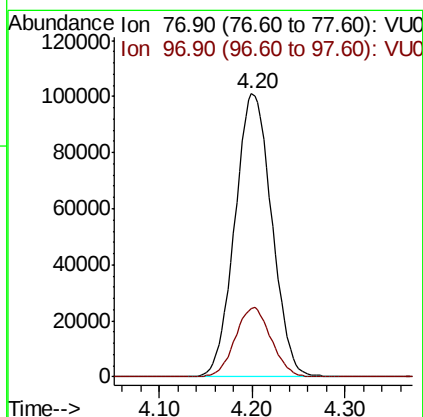
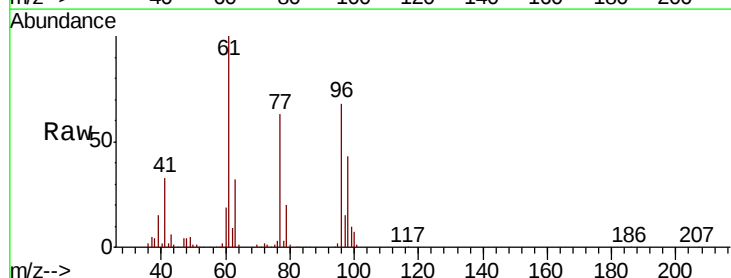
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

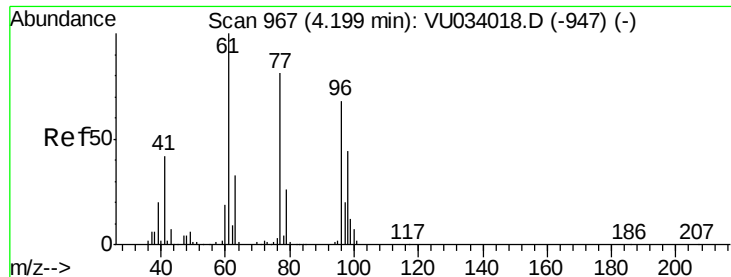
Tgt Ion: 43 Resp: 993241
 Ion Ratio Lower Upper
 43 100
 72 26.5 21.2 31.8



#26
 2,2-Dichloropropane
 Concen: 39.654 ug/l
 RT: 4.20 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VU034050.D
 Acq: 29 Aug 2019 01:50

Tgt Ion: 77 Resp: 278741
 Ion Ratio Lower Upper
 77 100
 97 23.9 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 51.197 ug/l

RT: 4.20 min Scan# 967

Delta R.T. 0.00 min

Lab File: VU034050.D

Acq: 29 Aug 2019 01:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

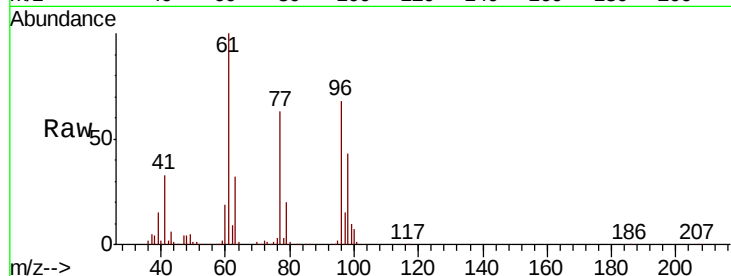
Tgt Ion: 96 Resp: 264871

Ion Ratio Lower Upper

96 100

61 147.1 0.0 303.0

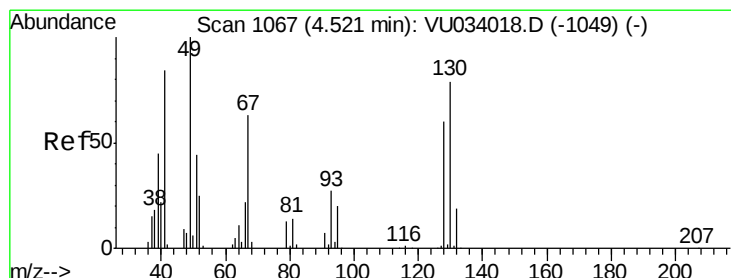
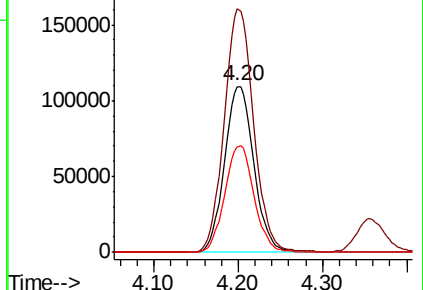
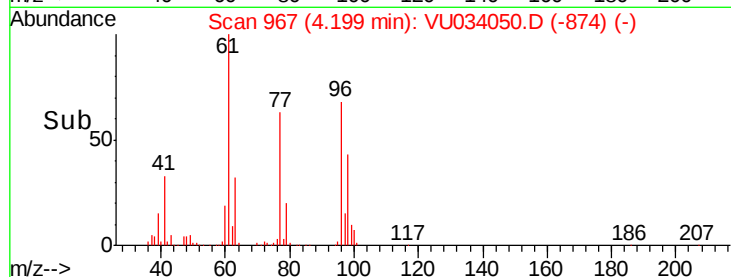
98 64.0 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VU034050.D (-874) (-)

Ion 60.90 (60.60 to 61.60): VU034050.D (-874) (-)

Ion 97.90 (97.60 to 98.60): VU034050.D (-874) (-)



#28

Bromochloromethane

Concen: 52.570 ug/l

RT: 4.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VU034050.D

Acq: 29 Aug 2019 01:50

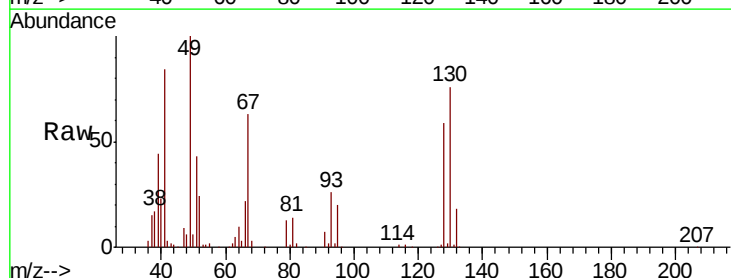
Tgt Ion: 49 Resp: 223745

Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.6

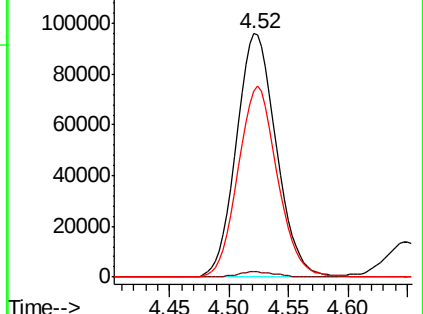
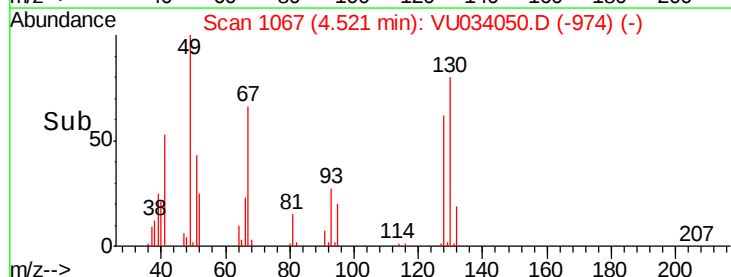
130 77.3 62.8 94.2

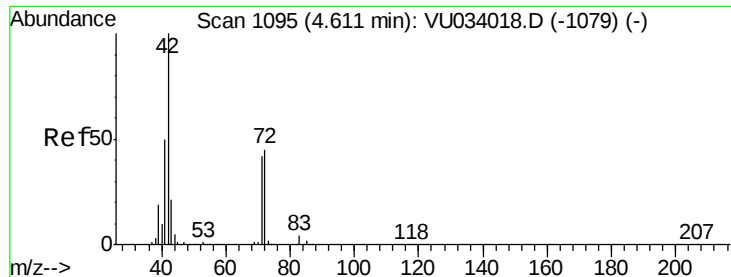


Abundance Ion 48.90 (48.60 to 49.60): VU034050.D (-974) (-)

Ion 128.80 (128.50 to 129.50): VU034050.D (-974) (-)

Ion 129.80 (129.50 to 130.50): VU034050.D (-974) (-)





#29

Tetrahydrofuran

Concen: 270.608 ug/l

RT: 4.61 min Scan# 1095

Delta R.T. 0.00 min

Lab File: VU034050.D

Acq: 29 Aug 2019 01:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

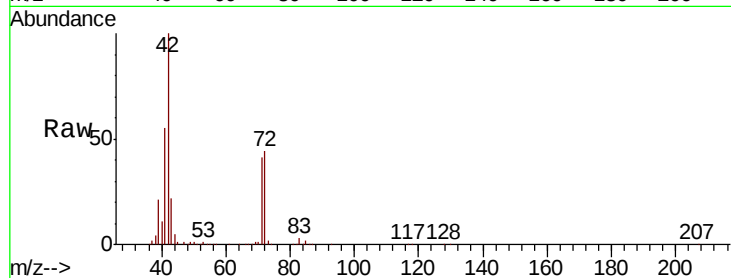
Tgt Ion: 42 Resp: 643993

Ion Ratio Lower Upper

42 100

72 44.3 35.8 53.6

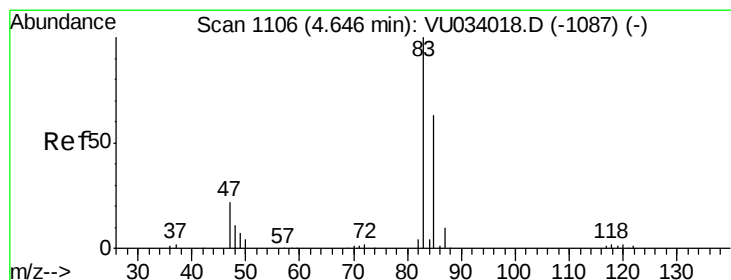
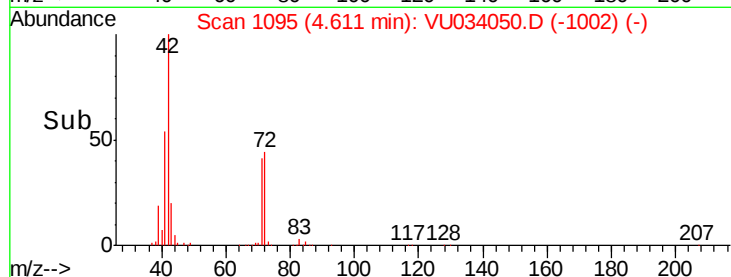
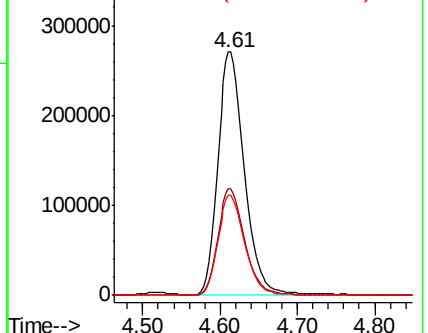
71 41.9 34.0 51.0



Abundance Ion 42.00 (41.70 to 42.70): VU034018.D (-1079) (-)

Ion 72.00 (71.70 to 72.70): VU034018.D (-1079) (-)

Ion 71.00 (70.70 to 71.70): VU034018.D (-1079) (-)



#30

Chloroform

Concen: 49.478 ug/l

RT: 4.65 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VU034050.D

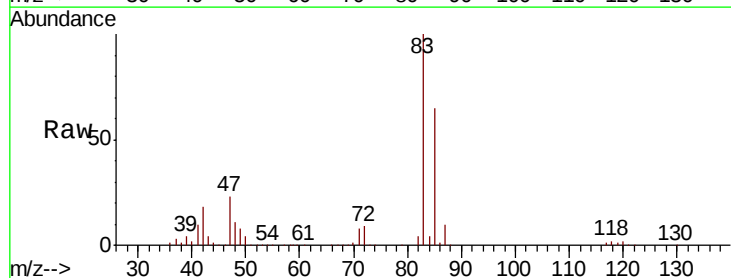
Acq: 29 Aug 2019 01:50

Tgt Ion: 83 Resp: 426462

Ion Ratio Lower Upper

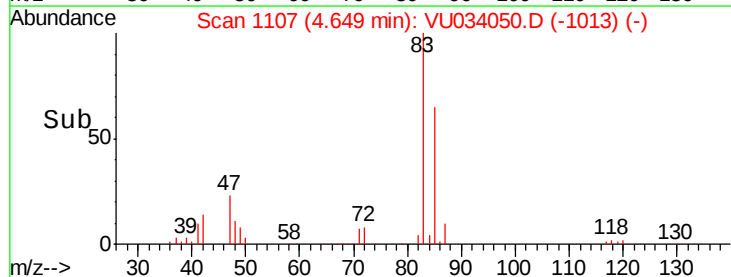
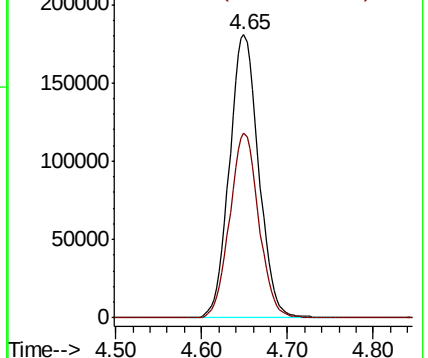
83 100

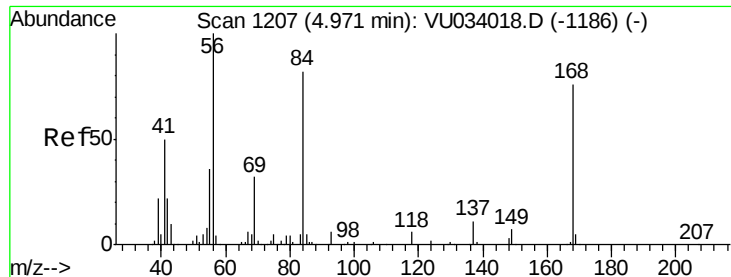
85 65.3 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VU034018.D (-1087) (-)

Ion 84.90 (84.60 to 85.60): VU034018.D (-1087) (-)

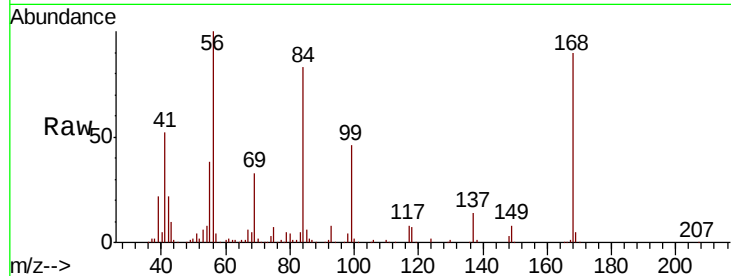




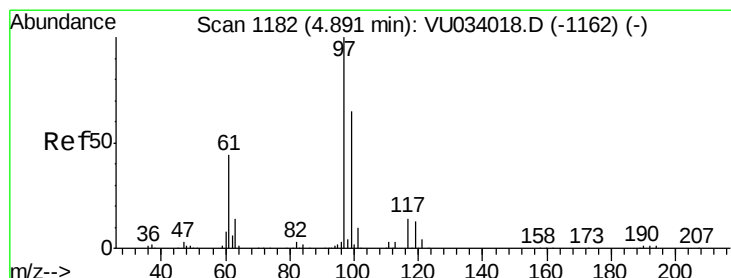
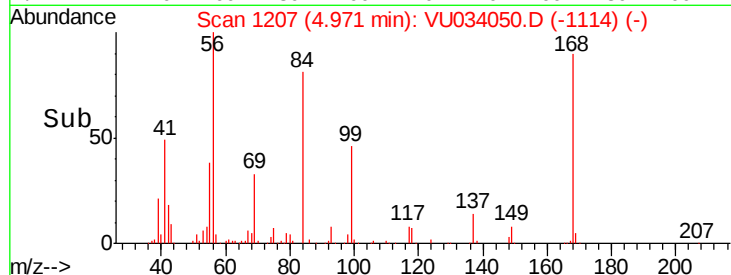
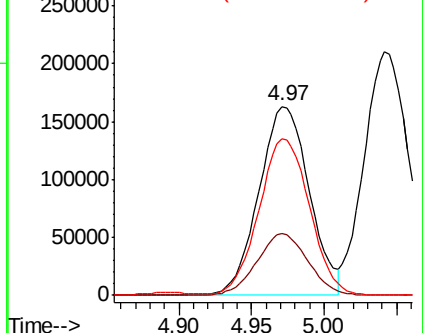
#31
Cyclohexane
Concen: 48.517 ug/l
RT: 4.97 min Scan# 1207
Delta R.T. 0.00 min
Lab File: VU034050.D
Acq: 29 Aug 2019 01:50

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 393831
Ion Ratio Lower Upper
56 100
69 33.1 25.4 38.0
84 81.8 65.8 98.8

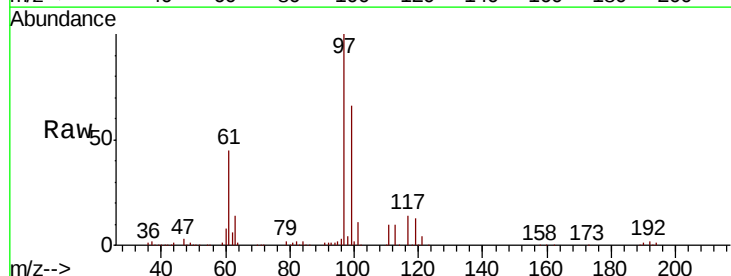


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

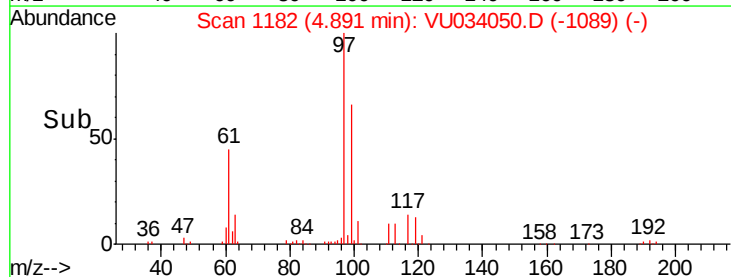
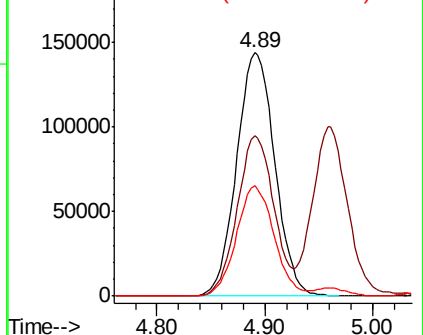


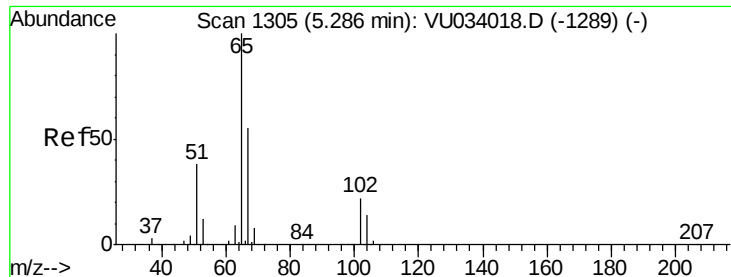
#32
1,1,1-Trichloroethane
Concen: 50.199 ug/l
RT: 4.89 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU034050.D
Acq: 29 Aug 2019 01:50

Tgt Ion: 97 Resp: 354360
Ion Ratio Lower Upper
97 100
99 63.6 51.8 77.6
61 44.8 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

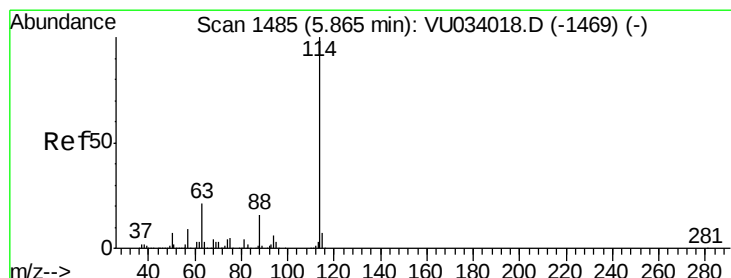
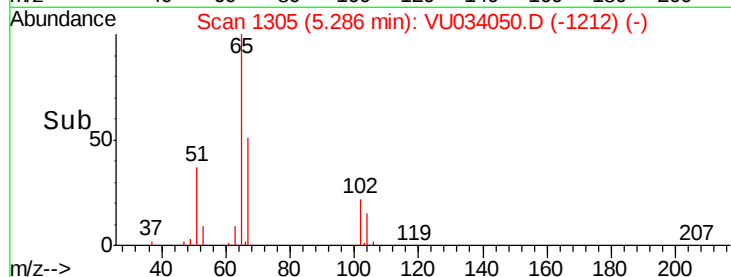
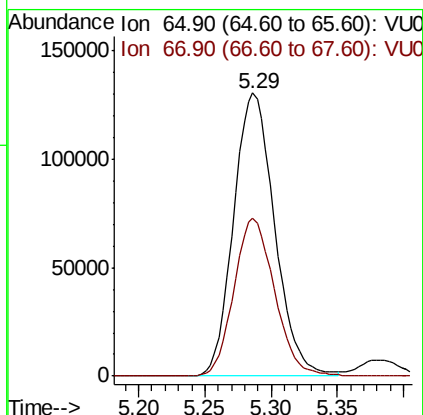
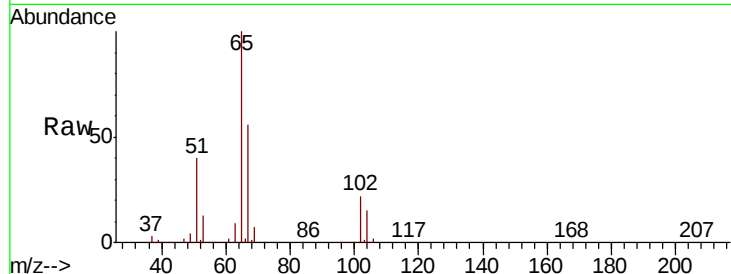




#33
 1,2-Dichloroethane-d4
 Concen: 51.797 ug/l
 RT: 5.29 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: VU034050.D
 Acq: 29 Aug 2019 01:50

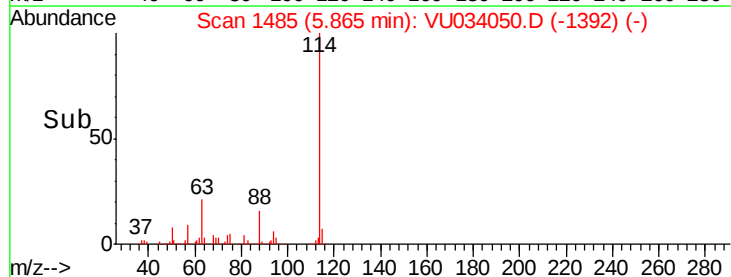
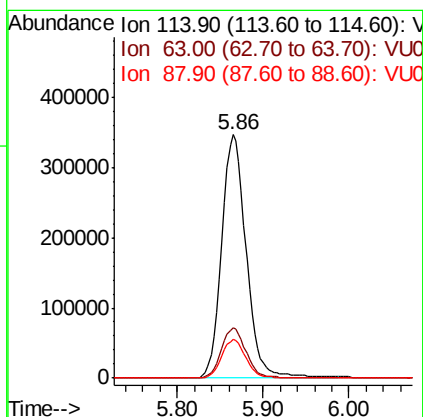
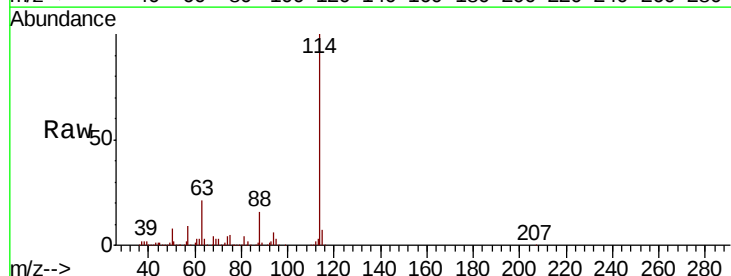
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

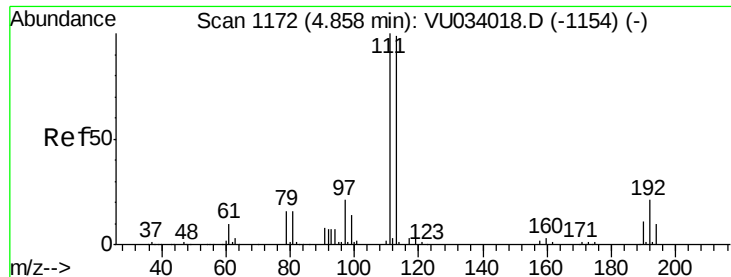
Tgt Ion: 65 Resp: 281569
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VU034050.D
 Acq: 29 Aug 2019 01:50

Tgt Ion: 114 Resp: 691209
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.0
 88 15.8 0.0 32.0

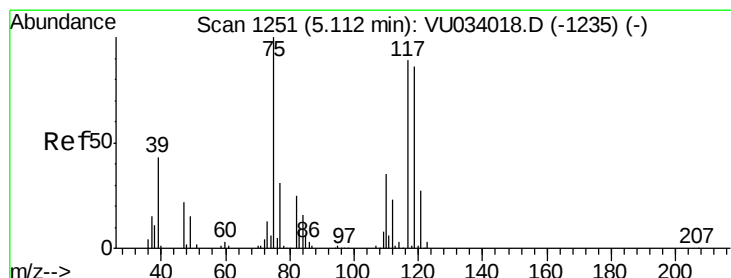
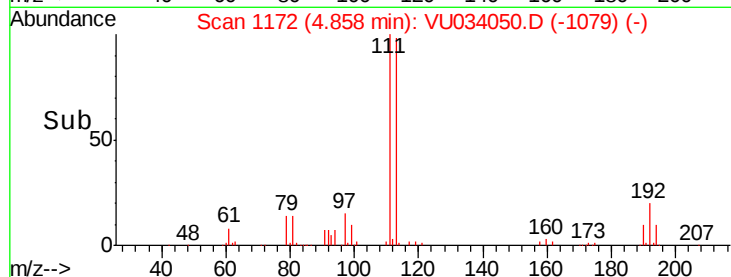
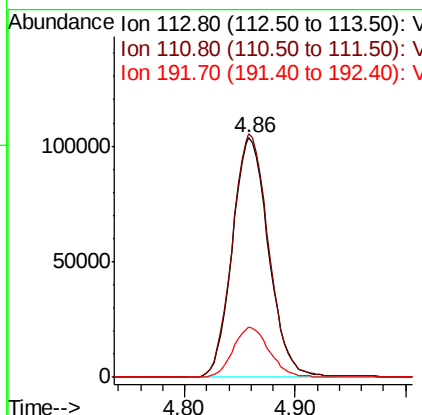
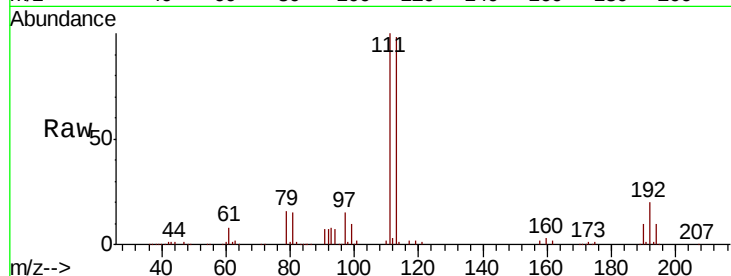




#35
 Dibromofluoromethane
 Concen: 49.145 ug/l
 RT: 4.86 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: VU034050.D
 Acq: 29 Aug 2019 01:50

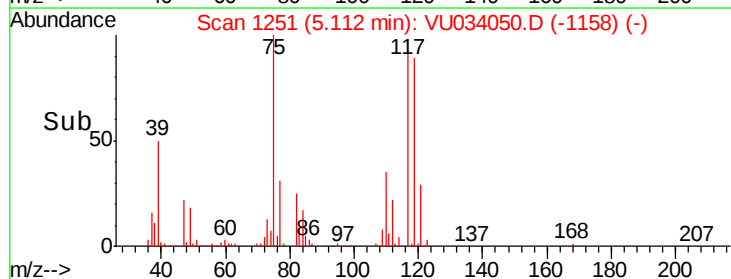
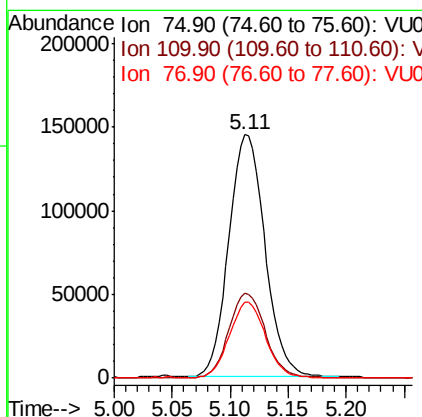
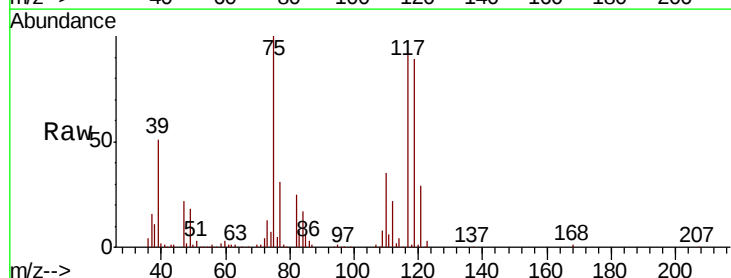
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

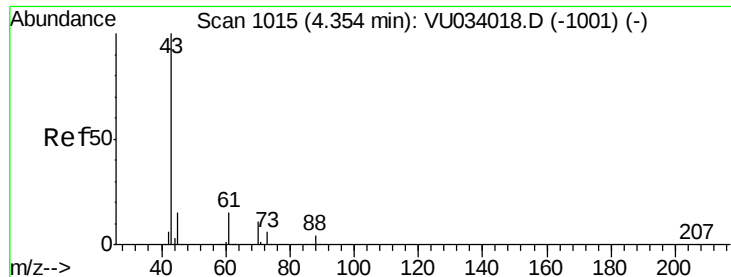
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.7	122.5
192	20.9	17.1	25.7



#36
 1,1-Dichloropropene
 Concen: 47.839 ug/l
 RT: 5.11 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VU034050.D
 Acq: 29 Aug 2019 01:50

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.8	17.8	53.5
77	30.9	25.0	37.4

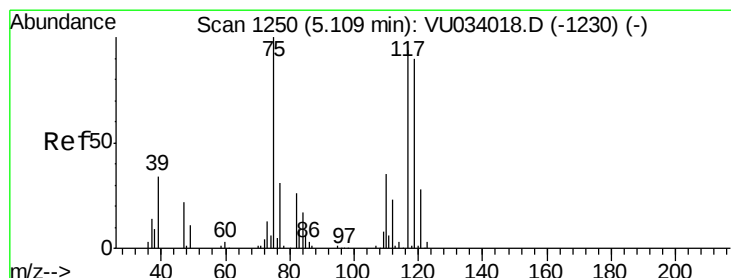
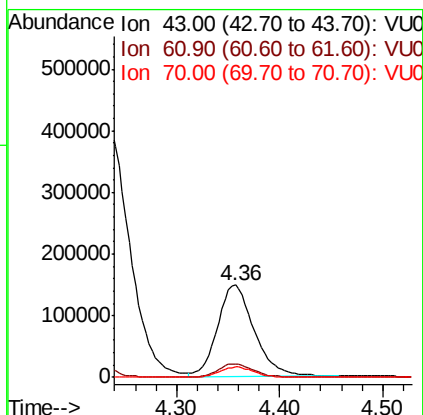
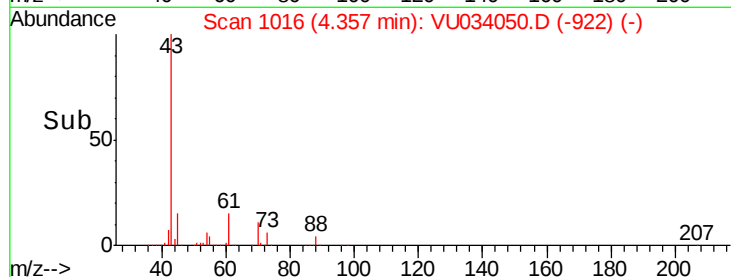
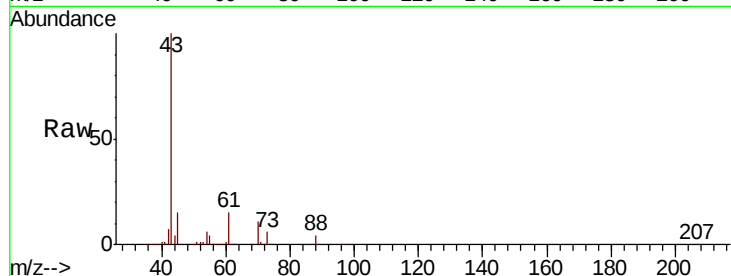




#37
Ethyl Acetate
Concen: 49.564 ug/l
RT: 4.36 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VU034050.D
Acq: 29 Aug 2019 01:50

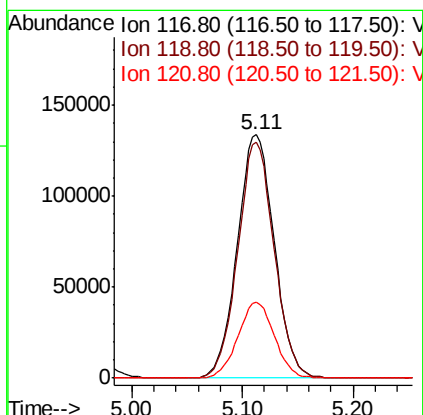
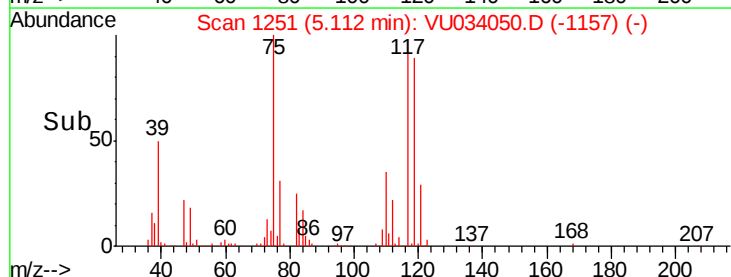
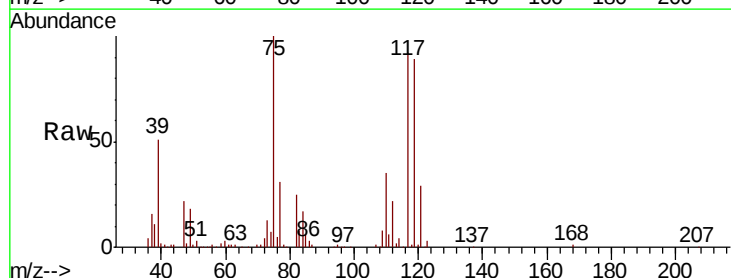
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

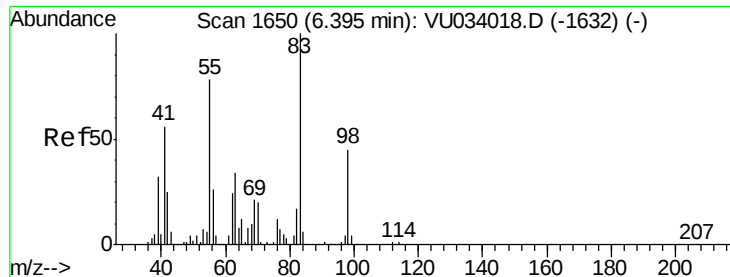
Tgt Ion: 43 Resp: 362874
Ion Ratio Lower Upper
43 100
61 14.0 11.5 17.3
70 11.0 8.6 12.8



#38
Carbon Tetrachloride
Concen: 48.860 ug/l
RT: 5.11 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VU034050.D
Acq: 29 Aug 2019 01:50

Tgt Ion: 117 Resp: 308347
Ion Ratio Lower Upper
117 100
119 97.3 77.0 115.4
121 31.2 23.9 35.9

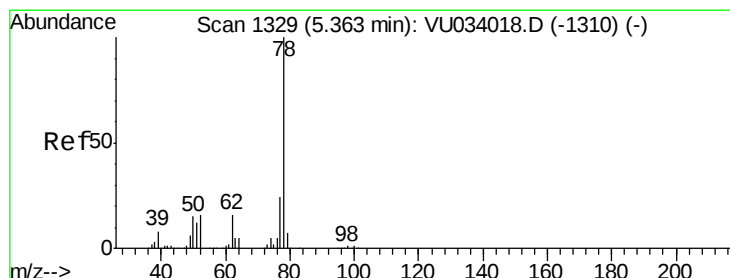
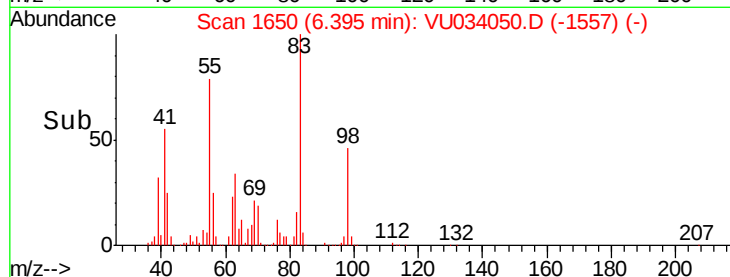
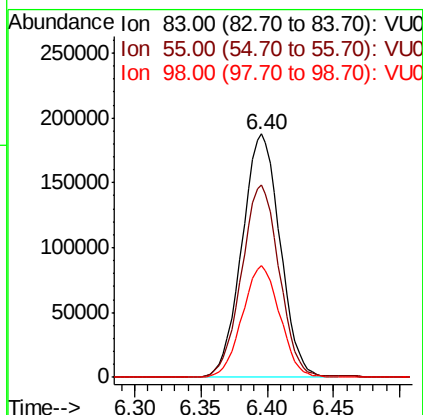
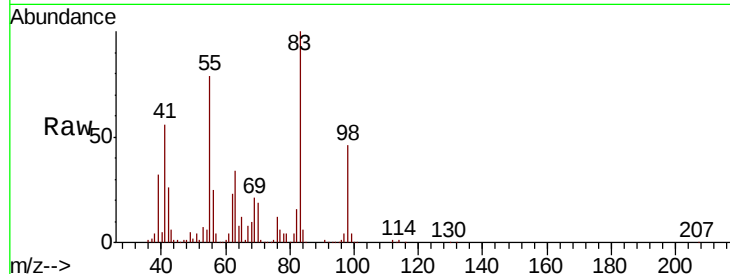




#39
Methylcyclohexane
Concen: 48.765 ug/l
RT: 6.40 min Scan# 1650
Delta R.T. 0.00 min
Lab File: VU034050.D
Acq: 29 Aug 2019 01:50

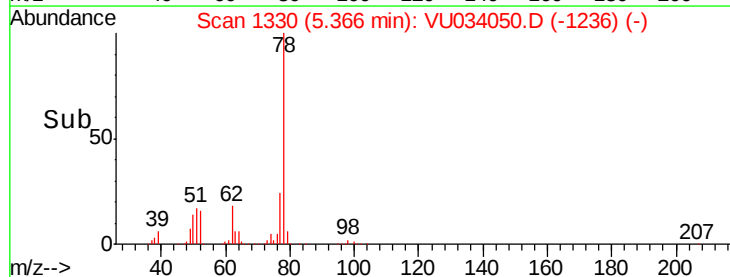
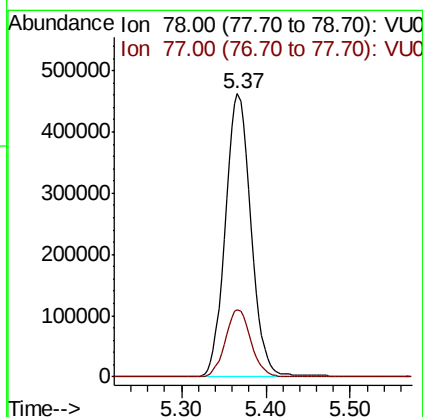
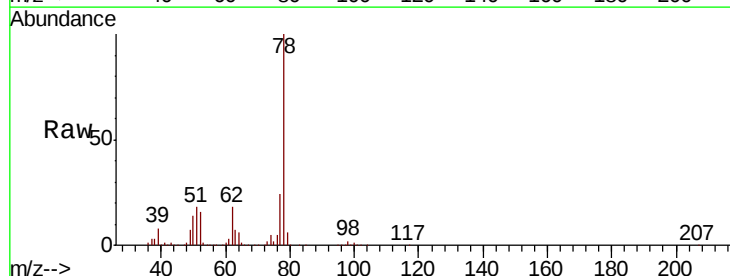
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

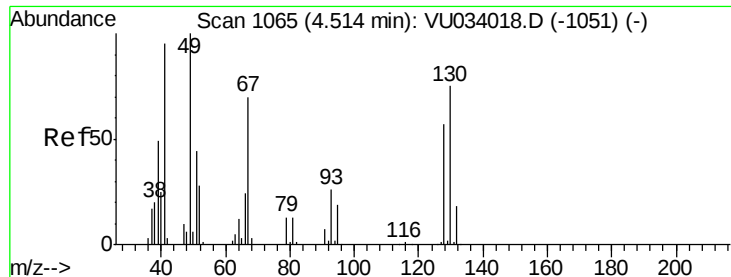
Tgt Ion: 83 Resp: 375773
Ion Ratio Lower Upper
83 100
55 78.9 62.3 93.5
98 45.7 36.2 54.2



#40
Benzene
Concen: 49.492 ug/l
RT: 5.37 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VU034050.D
Acq: 29 Aug 2019 01:50

Tgt Ion: 78 Resp: 978987
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6

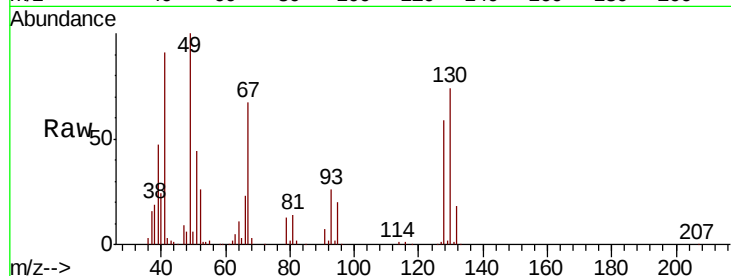




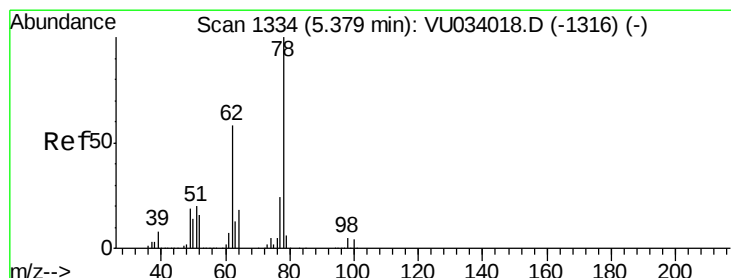
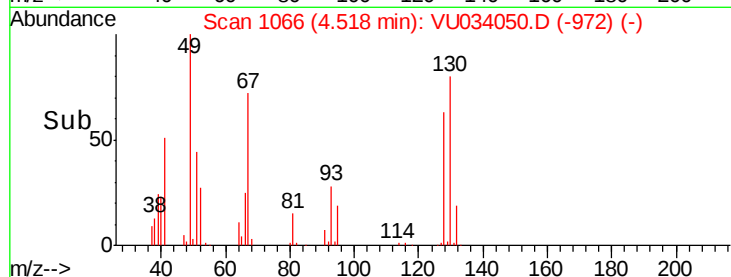
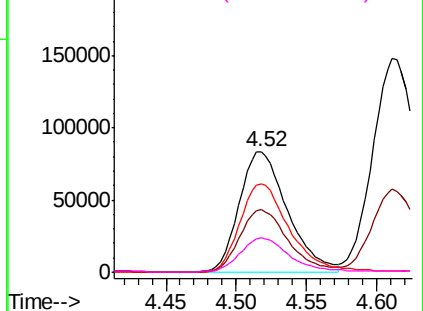
#41
Methacrylonitrile
Concen: 52.813 ug/l
RT: 4.52 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VU034050.D
Acq: 29 Aug 2019 01:50

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	198301
Ion	Ratio	Lower	Upper
41	100		
39	52.0	42.1	63.1
67	76.8	61.0	91.4
52	28.5	23.3	34.9

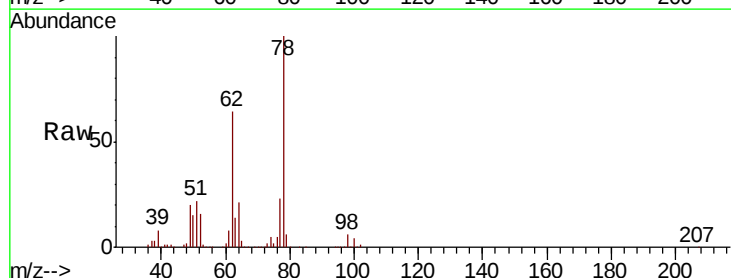


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

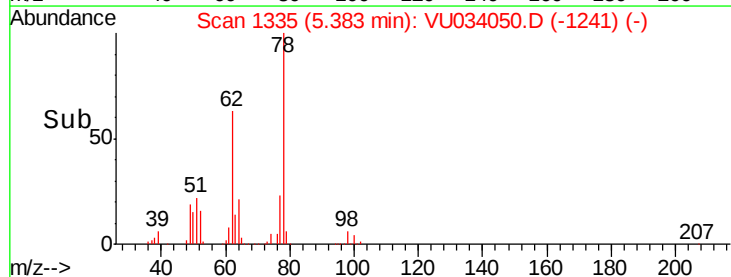
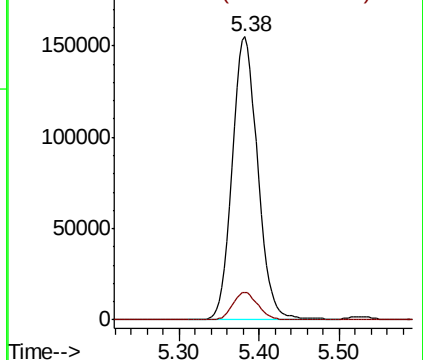


#42
1,2-Dichloroethane
Concen: 49.163 ug/l
RT: 5.38 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VU034050.D
Acq: 29 Aug 2019 01:50

Tgt Ion:	62	Resp:	335814
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.2



Abundance Ion 61.90 (61.60 to 62.60): VU0
Ion 97.90 (97.60 to 98.60): VU0

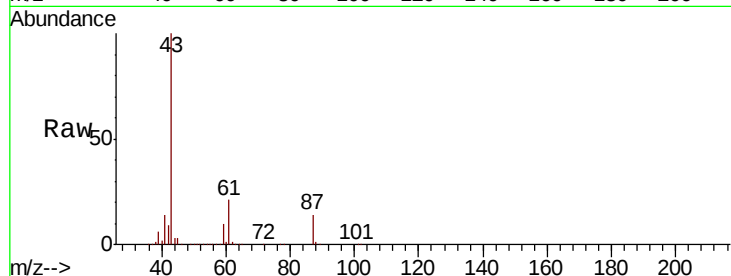




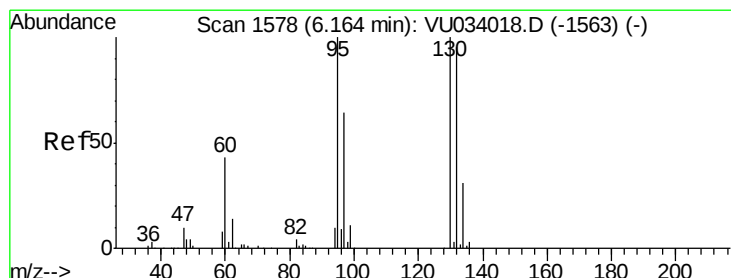
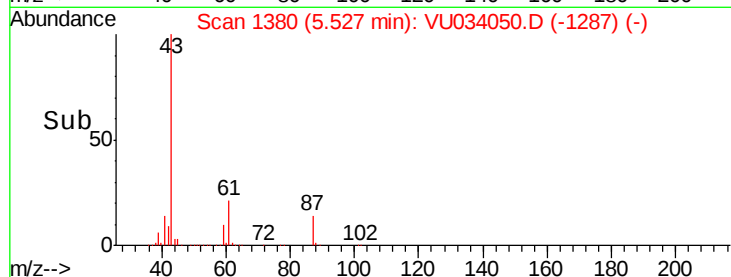
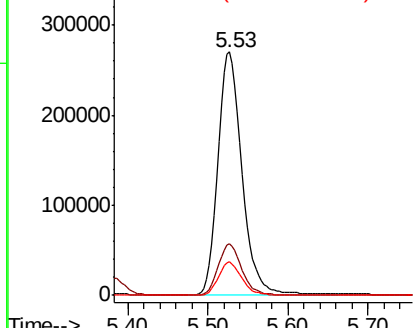
#43
Isopropyl Acetate
Concen: 50.400 ug/l
RT: 5.53 min Scan# 1380
Delta R.T. 0.00 min
Lab File: VU034050.D
Acq: 29 Aug 2019 01:50

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 561377
Ion Ratio Lower Upper
43 100
61 20.8 17.2 25.8
87 13.4 10.8 16.2

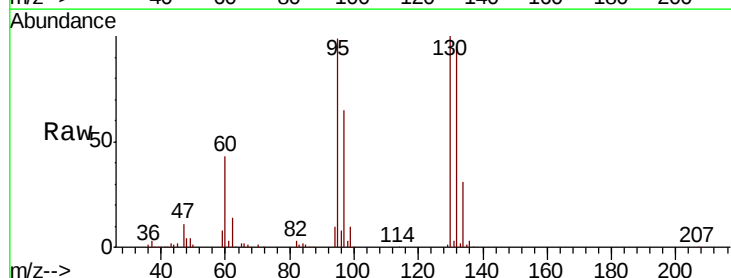


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 87.00 (86.70 to 87.70): VU0

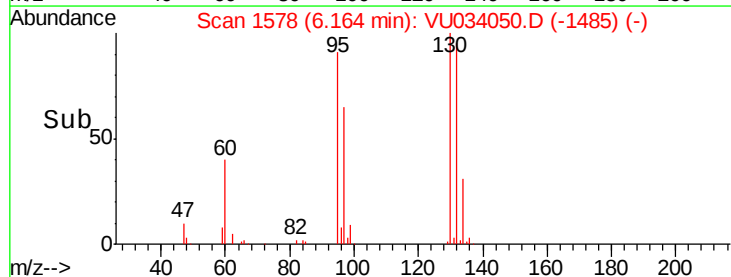
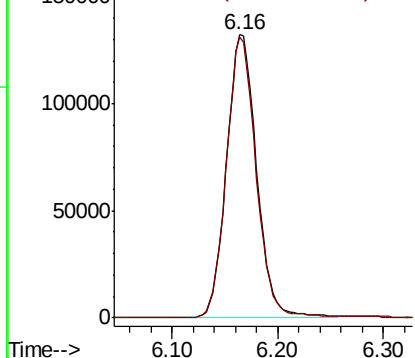


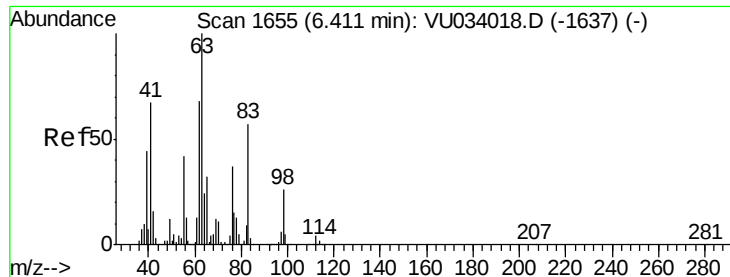
#44
Trichloroethene
Concen: 50.222 ug/l
RT: 6.16 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VU034050.D
Acq: 29 Aug 2019 01:50

Tgt Ion: 130 Resp: 260877
Ion Ratio Lower Upper
130 100
95 99.0 0.0 199.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VU0

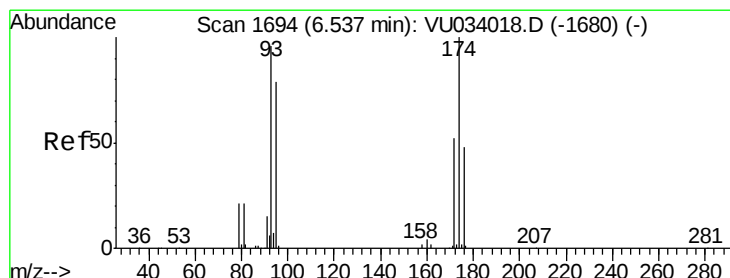
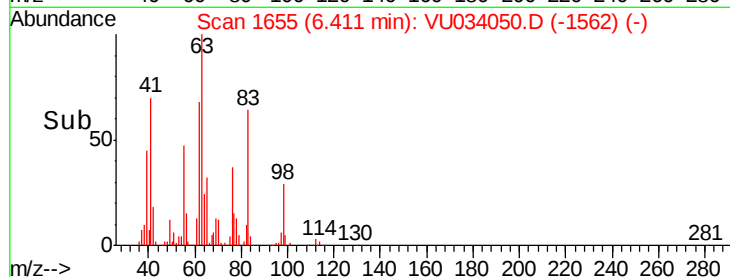
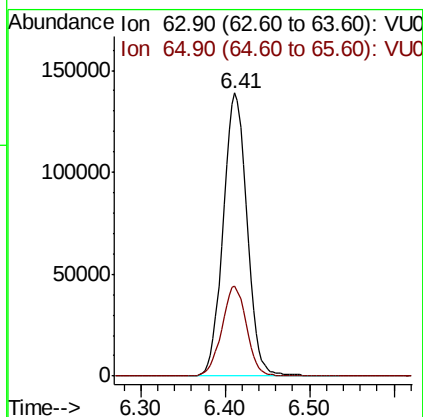
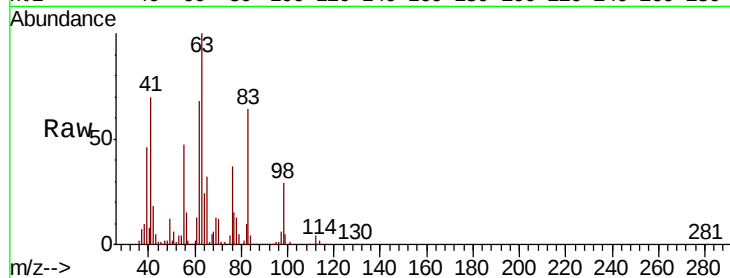




#45
 1,2-Dichloropropane
 Concen: 50.210 ug/l
 RT: 6.41 min Scan# 1655
 Delta R.T. 0.00 min
 Lab File: VU034050.D
 Acq: 29 Aug 2019 01:50

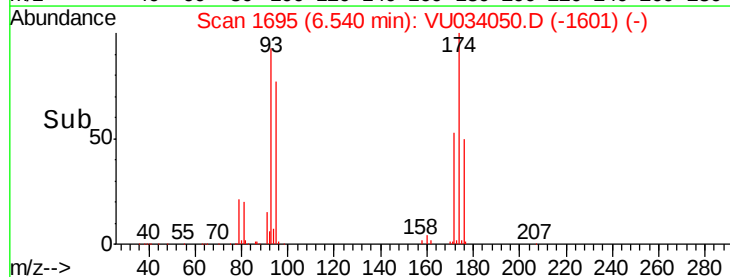
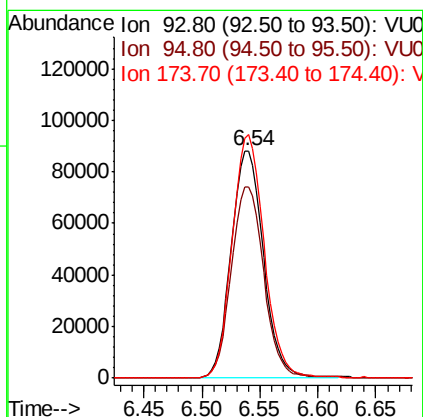
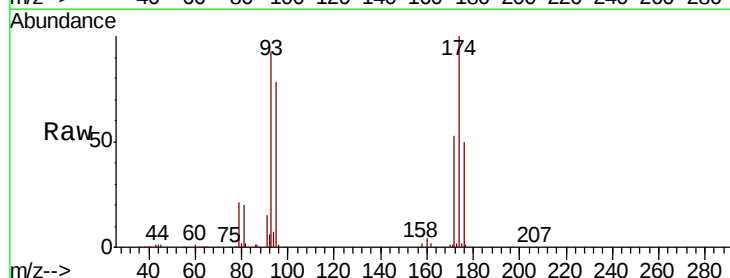
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 63 Resp: 273400
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.4 38.2



#46
 Dibromomethane
 Concen: 48.687 ug/l
 RT: 6.54 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: VU034050.D
 Acq: 29 Aug 2019 01:50

Tgt Ion: 93 Resp: 170799
 Ion Ratio Lower Upper
 93 100
 95 84.1 66.7 100.1
 174 106.1 84.9 127.3





#47

Bromodichloromethane

Concen: 49.202 ug/l

RT: 6.74 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VU034050.D

Acq: 29 Aug 2019 01:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

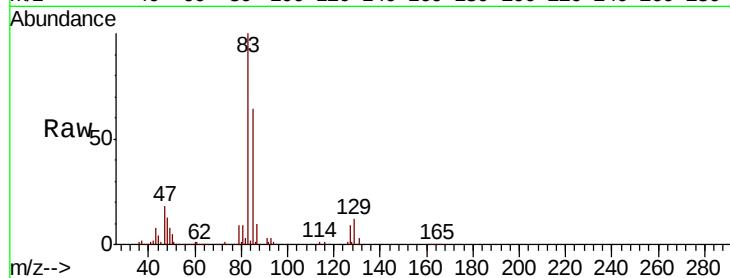
Tgt Ion: 83 Resp: 337703

Ion Ratio Lower Upper

83 100

85 64.2 51.2 76.8

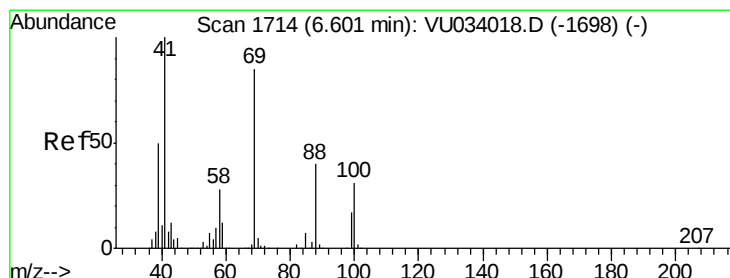
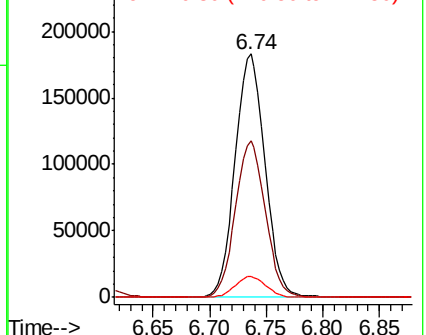
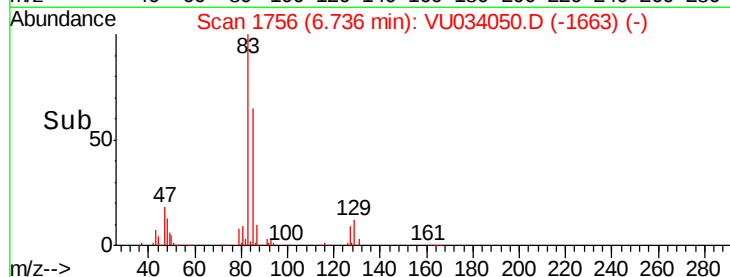
127 8.5 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VU034050.D (-1663) (-)

Ion 84.90 (84.60 to 85.60): VU034050.D (-1663) (-)

Ion 126.80 (126.50 to 127.50): VU034050.D (-1663) (-)



#48

Methyl methacrylate

Concen: 50.744 ug/l

RT: 6.60 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VU034050.D

Acq: 29 Aug 2019 01:50

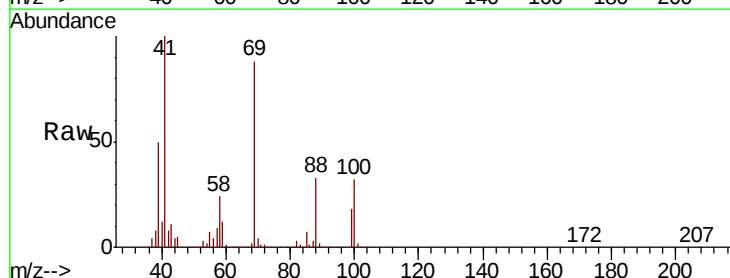
Tgt Ion: 41 Resp: 272737

Ion Ratio Lower Upper

41 100

69 89.4 69.5 104.3

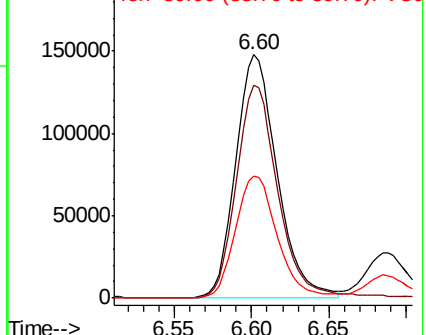
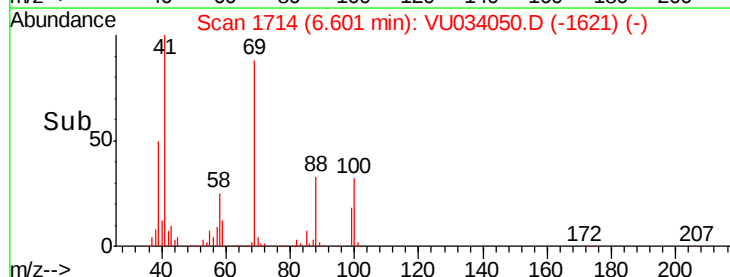
39 50.9 40.3 60.5

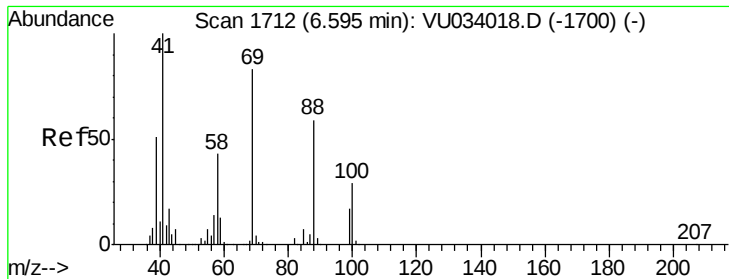


Abundance Ion 41.00 (40.70 to 41.70): VU034050.D (-1621) (-)

Ion 69.00 (68.70 to 69.70): VU034050.D (-1621) (-)

Ion 39.00 (38.70 to 39.70): VU034050.D (-1621) (-)





#49

1,4-Dioxane

Concen: 899.679 ug/l

RT: 6.59 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VU034050.D

Acq: 29 Aug 2019 01:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

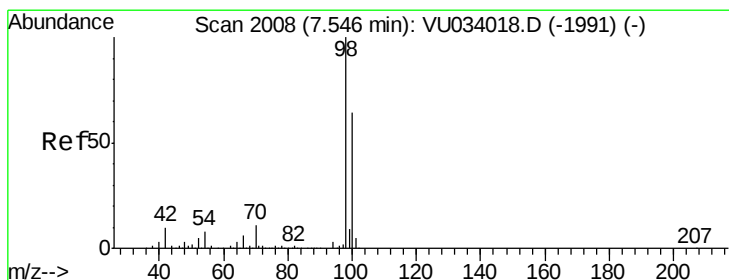
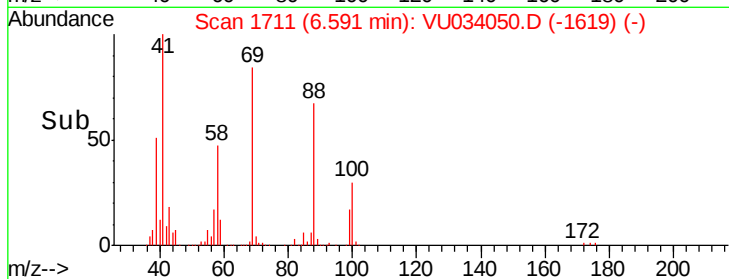
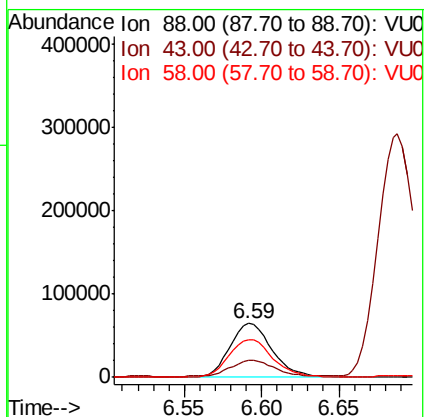
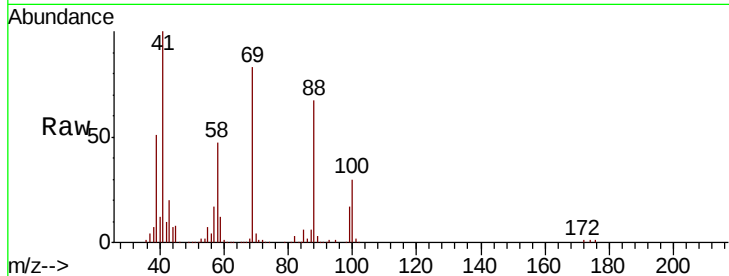
Tgt Ion: 88 Resp: 121159

Ion Ratio Lower Upper

88 100

43 31.0 24.8 37.2

58 74.1 59.3 88.9



#50

Toluene-d8

Concen: 51.186 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034050.D

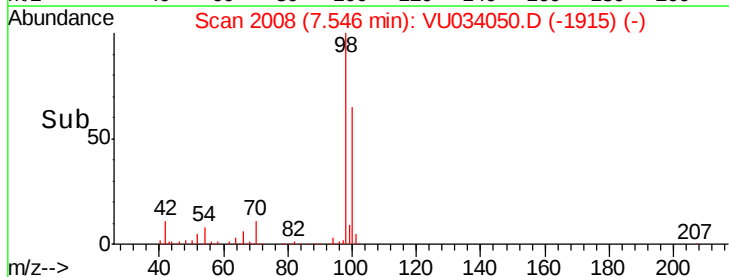
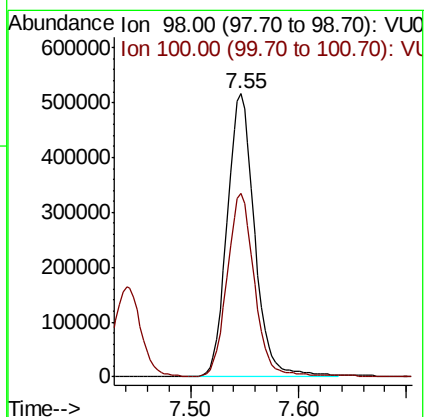
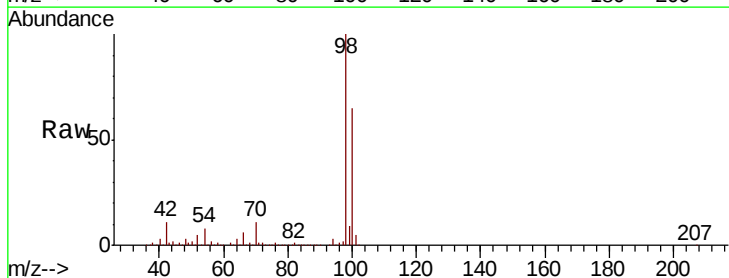
Acq: 29 Aug 2019 01:50

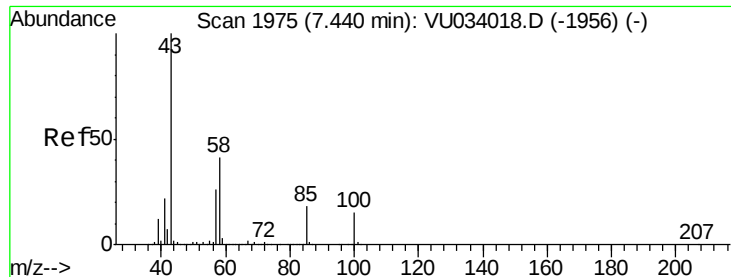
Tgt Ion: 98 Resp: 918854

Ion Ratio Lower Upper

98 100

100 63.8 50.3 75.5

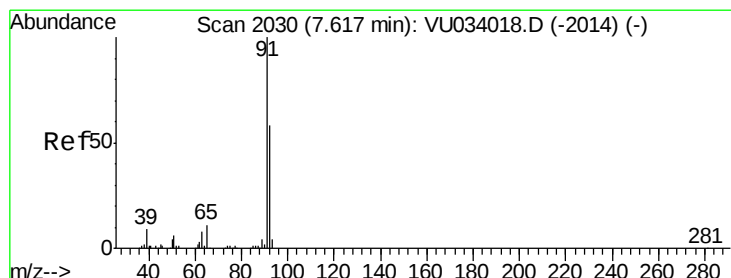
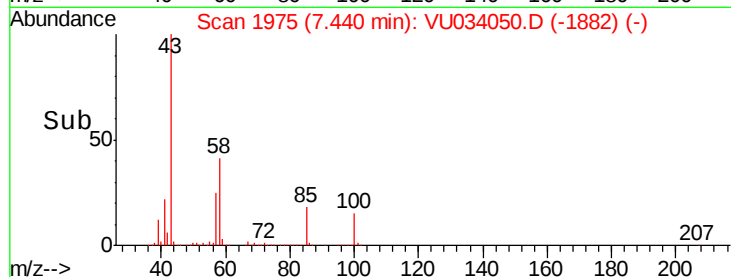
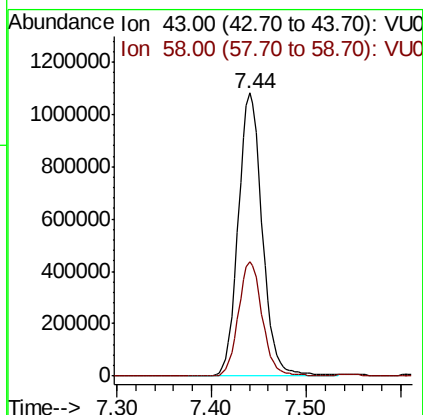
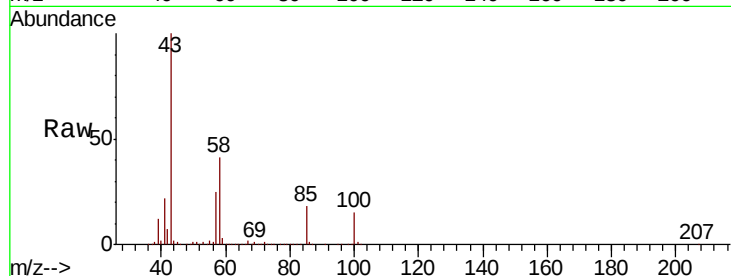




#51
 4-Methyl-2-Pentanone
 Concen: 247.204 ug/l
 RT: 7.44 min Scan# 1975
 Delta R.T. 0.00 min
 Lab File: VU034050.D
 Acq: 29 Aug 2019 01:50

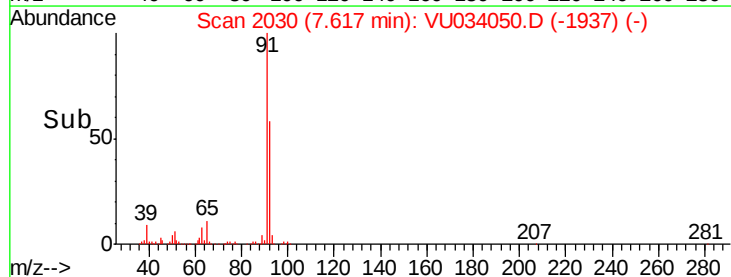
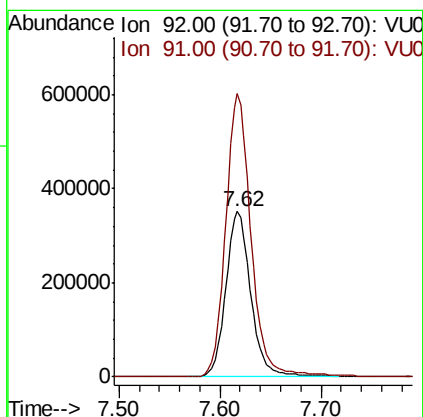
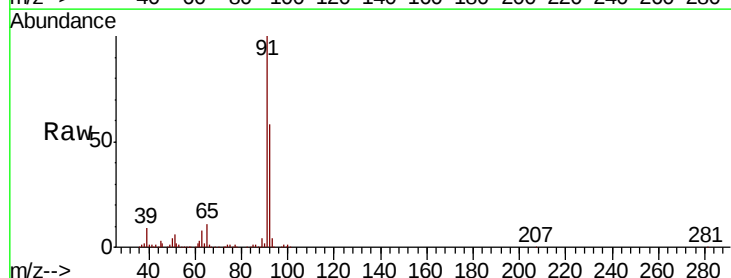
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

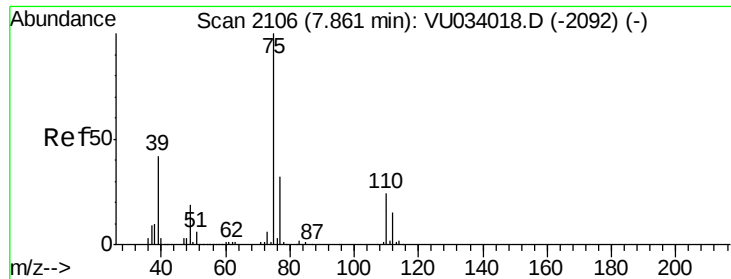
Tgt Ion: 43 Resp: 1901537
 Ion Ratio Lower Upper
 43 100
 58 40.3 32.2 48.4



#52
 Toluene
 Concen: 50.222 ug/l
 RT: 7.62 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: VU034050.D
 Acq: 29 Aug 2019 01:50

Tgt Ion: 92 Resp: 611980
 Ion Ratio Lower Upper
 92 100
 91 173.4 138.3 207.5

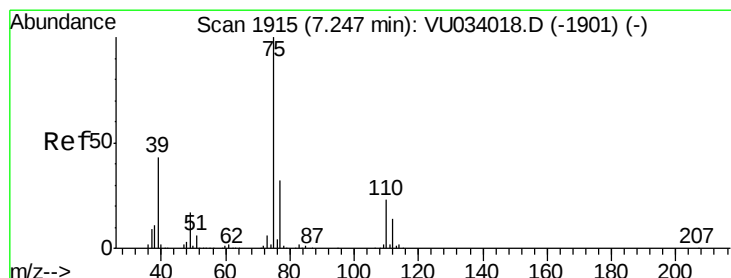
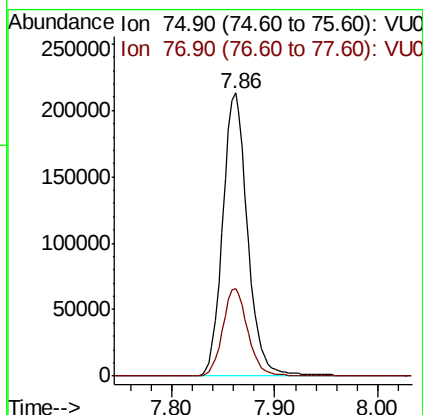
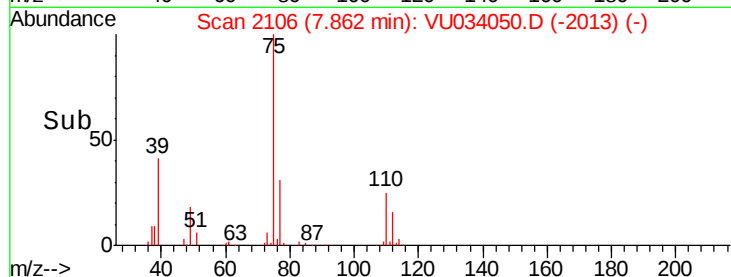
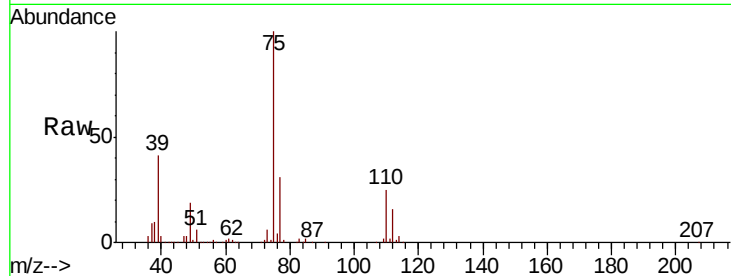




#53
 t-1,3-Dichloropropene
 Concen: 47.032 ug/l
 RT: 7.86 min Scan# 2106
 Delta R.T. 0.00 min
 Lab File: VU034050.D
 Acq: 29 Aug 2019 01:50

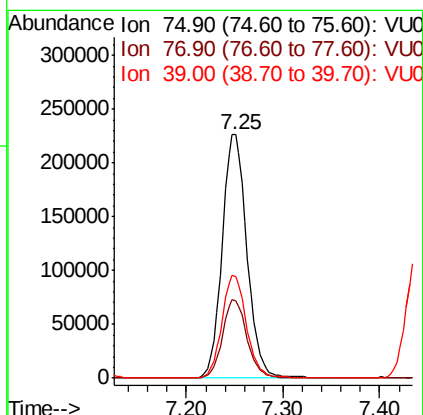
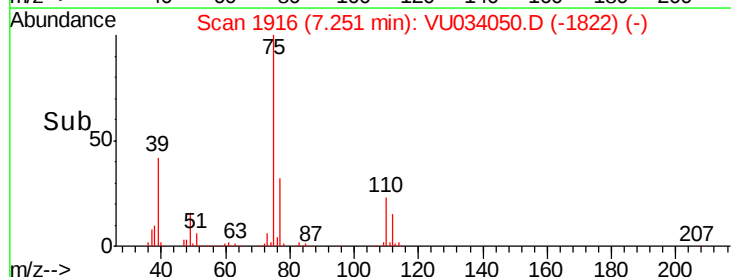
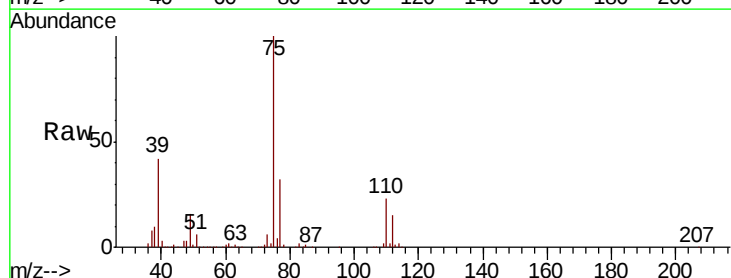
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 75 Resp: 358187
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 48.390 ug/l
 RT: 7.25 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VU034050.D
 Acq: 29 Aug 2019 01:50

Tgt Ion: 75 Resp: 402618
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.2 37.8
 39 41.7 34.6 51.8





#55

1,1,2-Trichloroethane

Concen: 47.802 ug/l

RT: 8.05 min Scan# 2164

Delta R.T. 0.00 min

Lab File: VU034050.D

Acq: 29 Aug 2019 01:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 246388

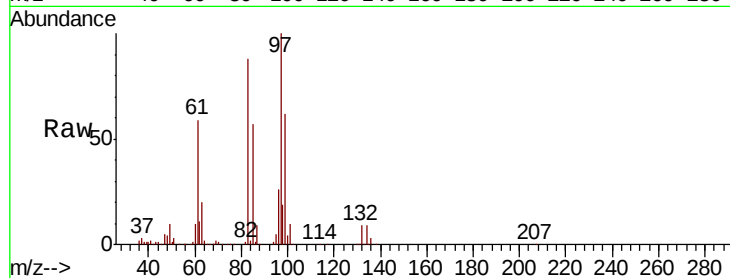
Ion Ratio Lower Upper

97 100

83 88.5 70.1 105.1

85 57.4 45.0 67.4

99 62.0 49.8 74.8

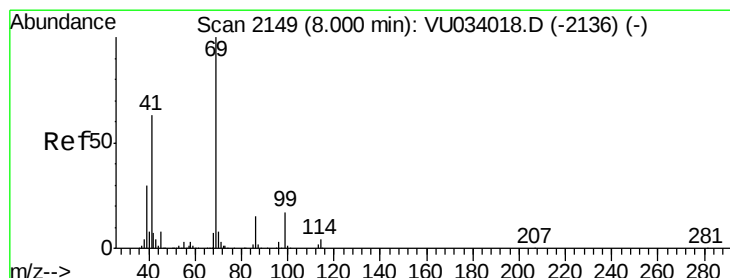
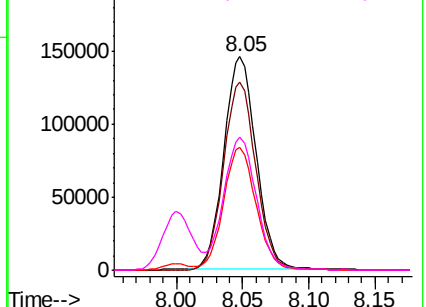
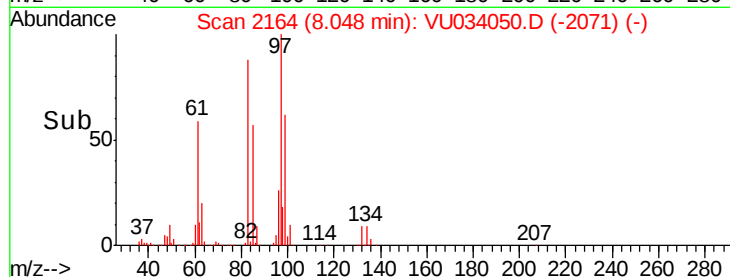


Abundance Ion 96.90 (96.60 to 97.60): VU0

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: 44.674 ug/l

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VU034050.D

Acq: 29 Aug 2019 01:50

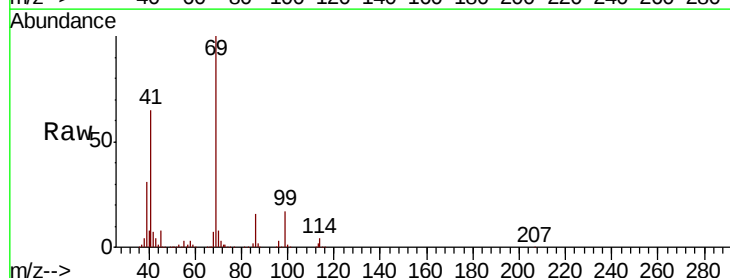
Tgt Ion: 69 Resp: 381045

Ion Ratio Lower Upper

69 100

41 64.4 50.7 76.1

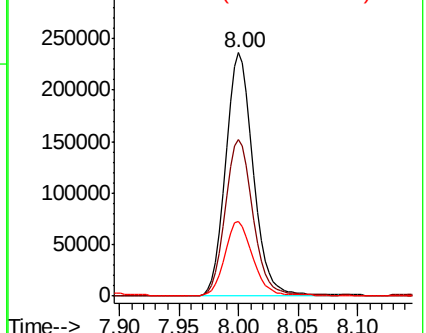
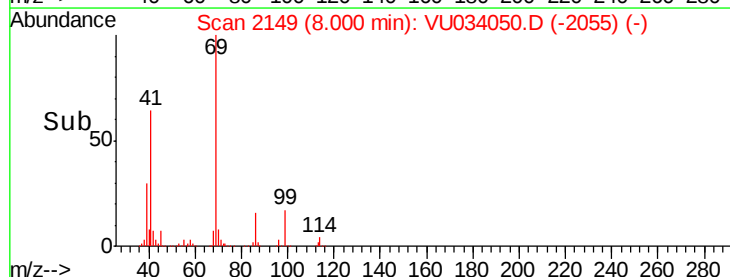
39 30.8 24.2 36.2

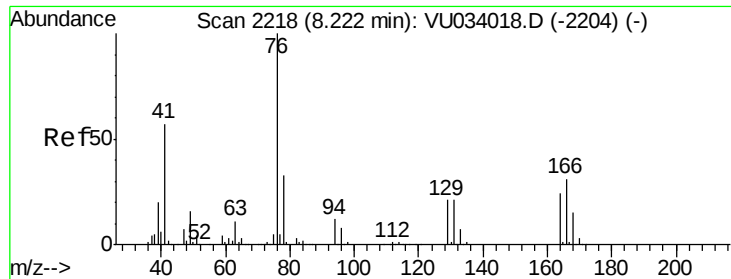


Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0





#57

1,3-Dichloropropane

Concen: 48.915 ug/l

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU034050.D

Acq: 29 Aug 2019 01:50

Instrument :

MSVOA_U

ClientSampleId :

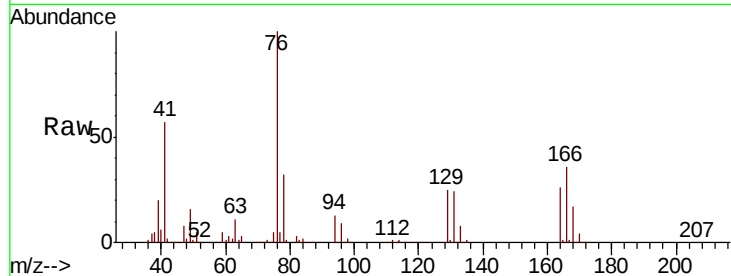
VSTDCCC050EC

Tgt Ion: 76 Resp: 428091

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VU034018.D (-2204) (-)

Ion 77.90 (77.60 to 78.60): VU034018.D (-2204) (-)

8.22

250000

200000

150000

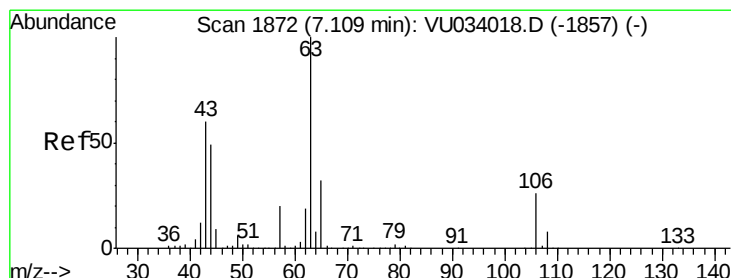
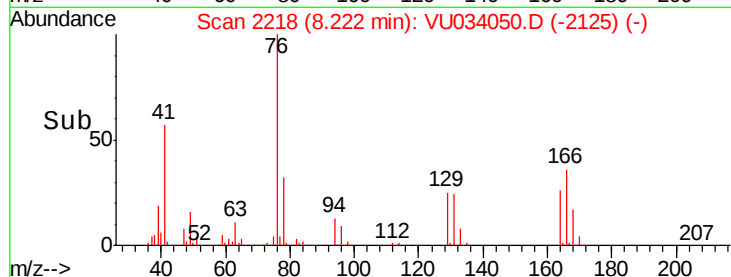
100000

50000

0

8.20 8.30

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 260.486 ug/l

RT: 7.11 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VU034050.D

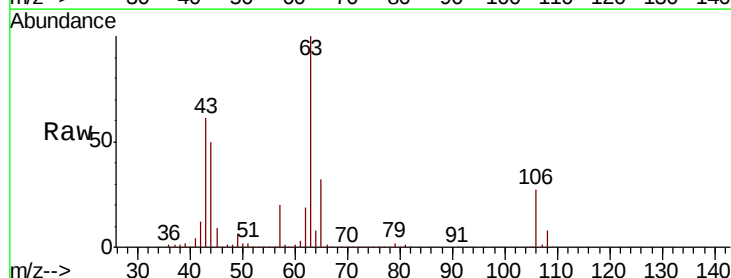
Acq: 29 Aug 2019 01:50

Tgt Ion: 63 Resp: 742782

Ion Ratio Lower Upper

63 100

106 26.2 20.7 31.1



Abundance Ion 62.90 (62.60 to 63.60): VU034018.D (-1857) (-)

Ion 105.90 (105.60 to 106.60): VU034018.D (-1857) (-)

7.11

500000

400000

300000

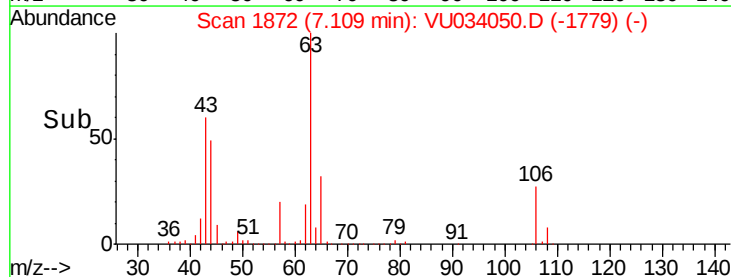
200000

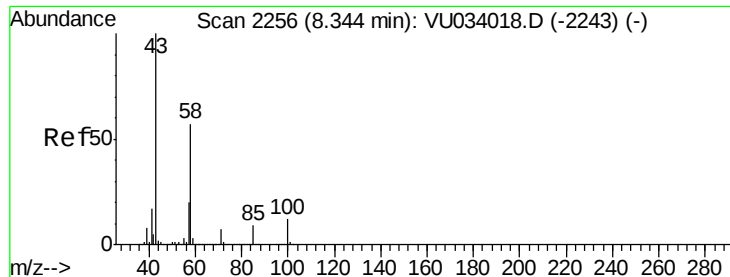
100000

0

7.00 7.10 7.20

Time-->

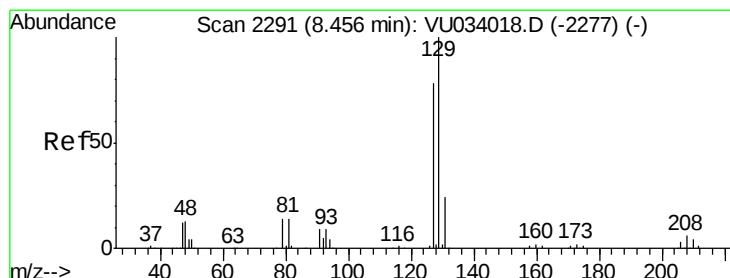
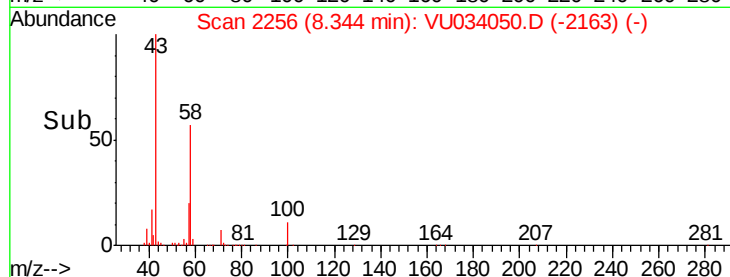
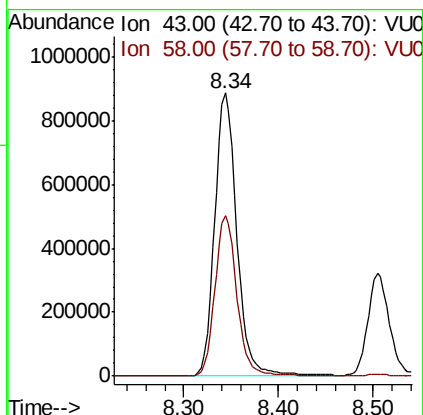
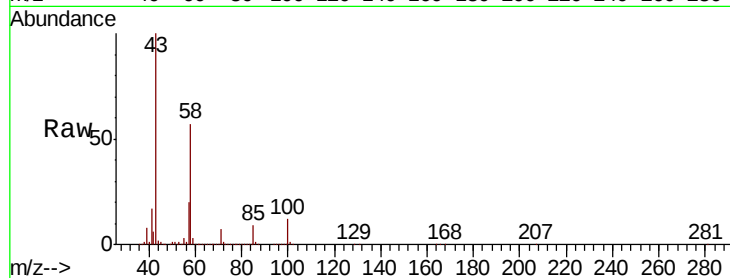




#59
2-Hexanone
Concen: 246.779 ug/l
RT: 8.34 min Scan# 2256
Delta R.T. 0.00 min
Lab File: VU034050.D
Acq: 29 Aug 2019 01:50

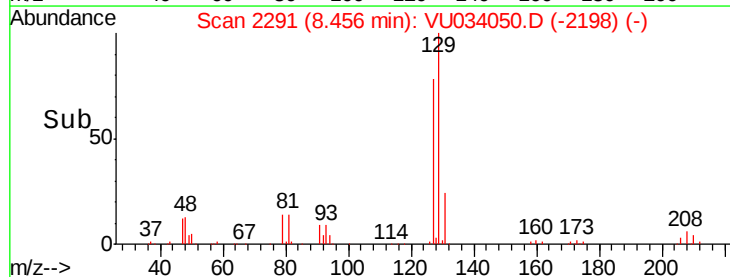
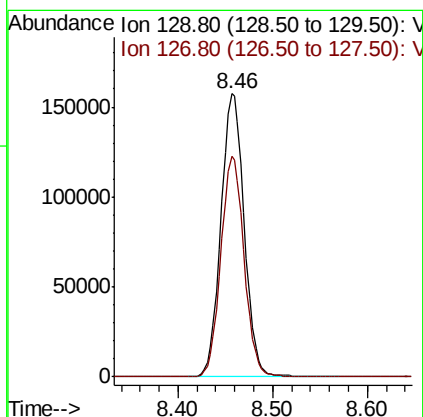
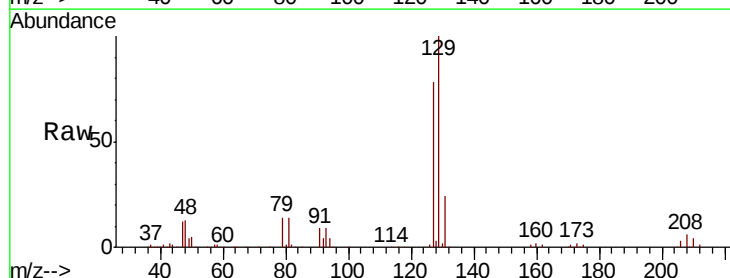
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

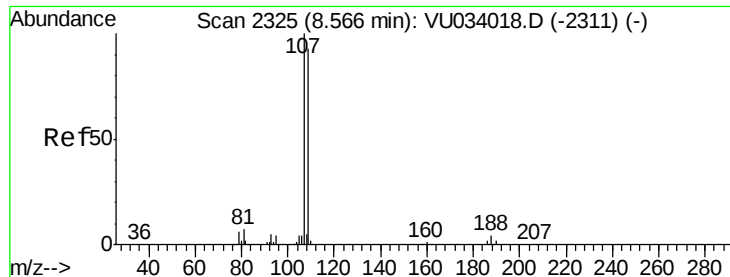
Tgt Ion: 43 Resp: 1433021
Ion Ratio Lower Upper
43 100
58 56.9 28.4 85.3



#60
Dibromochloromethane
Concen: 48.710 ug/l
RT: 8.46 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU034050.D
Acq: 29 Aug 2019 01:50

Tgt Ion: 129 Resp: 269505
Ion Ratio Lower Upper
129 100
127 77.8 39.0 116.9





#61

1,2-Dibromoethane

Concen: 47.814 ug/l

RT: 8.57 min Scan# 2325

Delta R.T. 0.00 min

Lab File: VU034050.D

Acq: 29 Aug 2019 01:50

Instrument :

MSVOA_U

ClientSampleId :

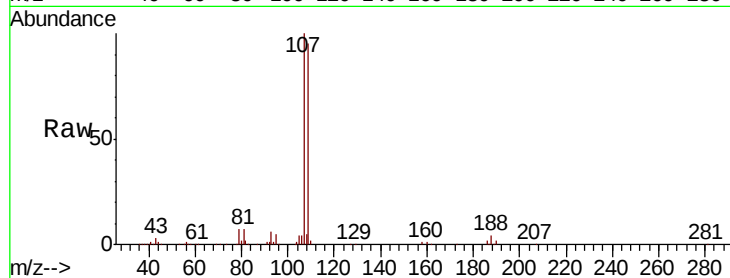
VSTDCCC050EC

Tgt Ion: 107 Resp: 259608

Ion Ratio Lower Upper

107 100

109 95.3 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

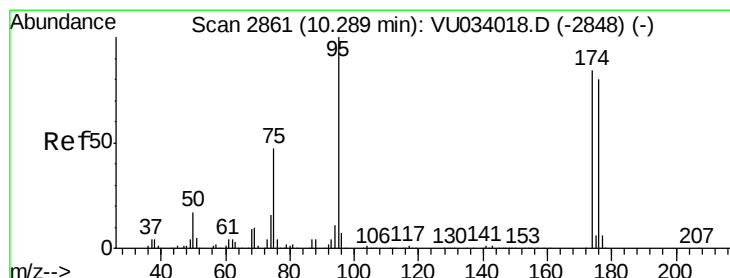
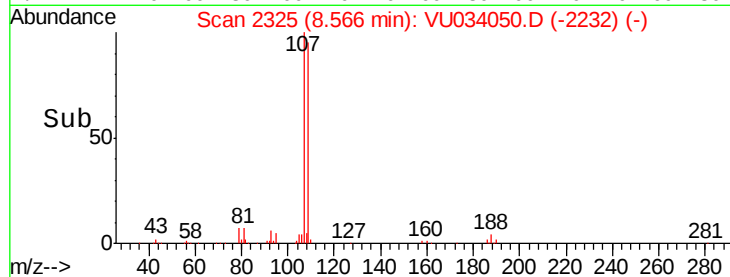
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.685 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034050.D

Acq: 29 Aug 2019 01:50

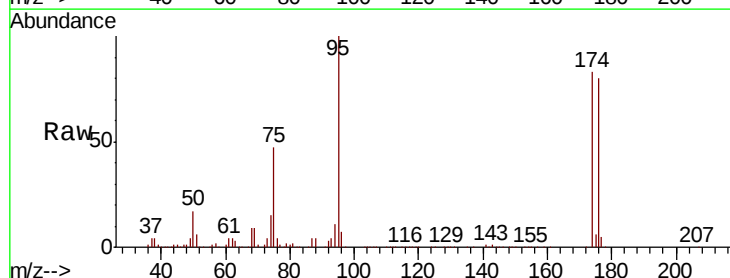
Tgt Ion: 95 Resp: 346944

Ion Ratio Lower Upper

95 100

174 83.2 0.0 168.8

176 80.2 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

300000

250000

200000

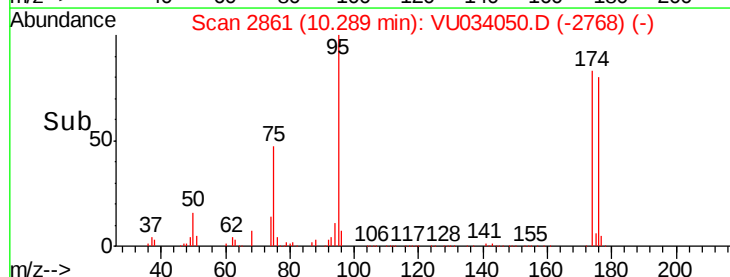
150000

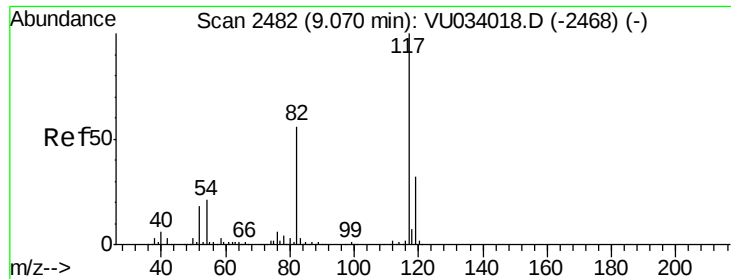
100000

50000

0

Time-->

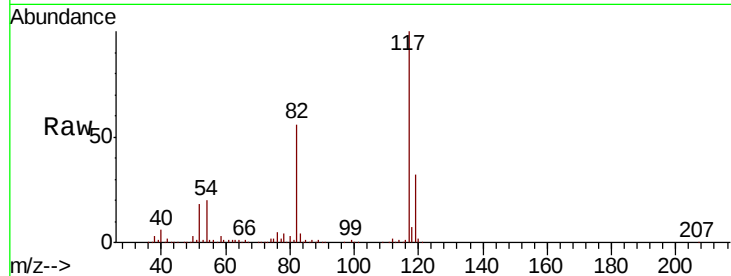




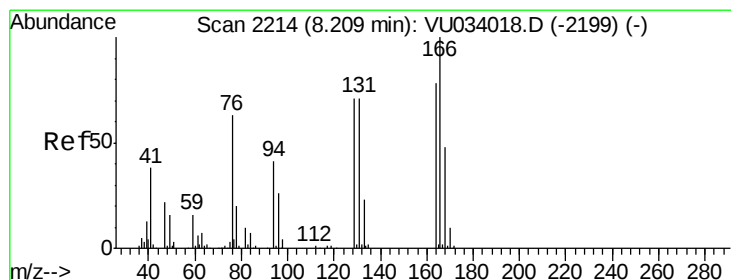
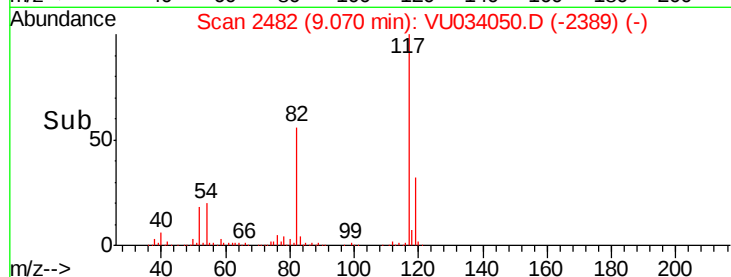
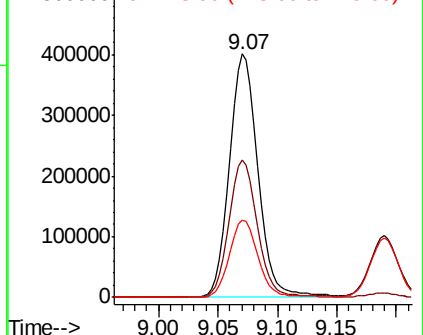
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034050.D
Acq: 29 Aug 2019 01:50

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 669529
Ion Ratio Lower Upper
117 100
82 56.4 45.1 67.7
119 31.9 25.4 38.0

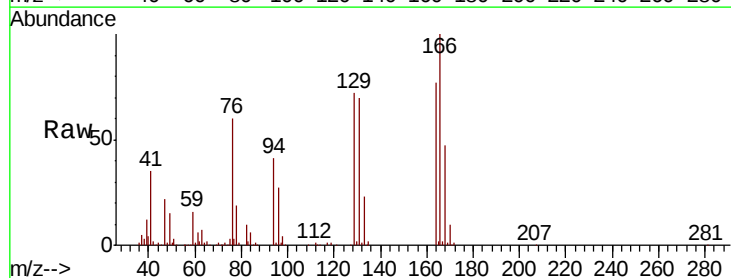


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

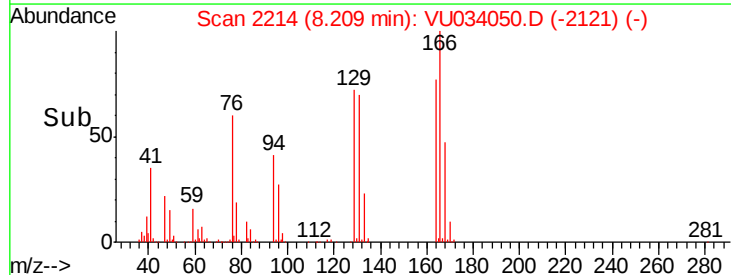
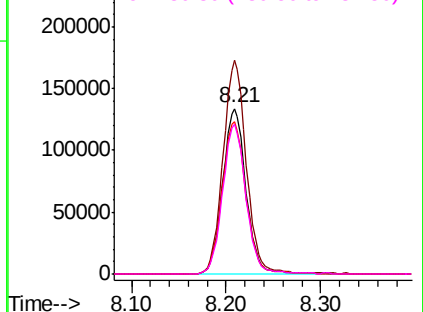


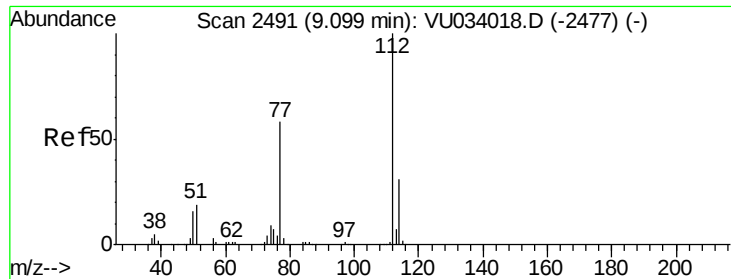
#64
Tetrachloroethene
Concen: 51.073 ug/l
RT: 8.21 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VU034050.D
Acq: 29 Aug 2019 01:50

Tgt Ion:164 Resp: 229639
Ion Ratio Lower Upper
164 100
166 129.0 102.2 153.2
129 92.3 72.4 108.6
131 90.7 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

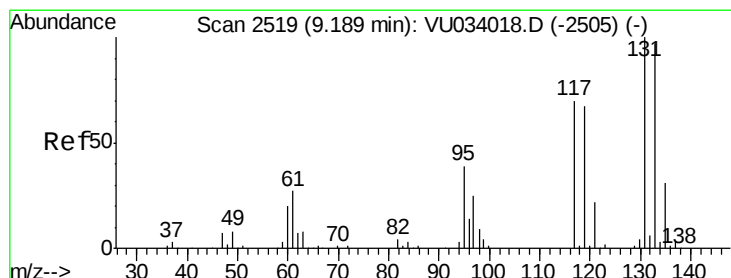
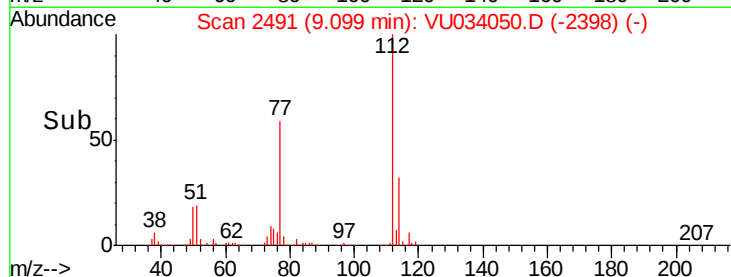
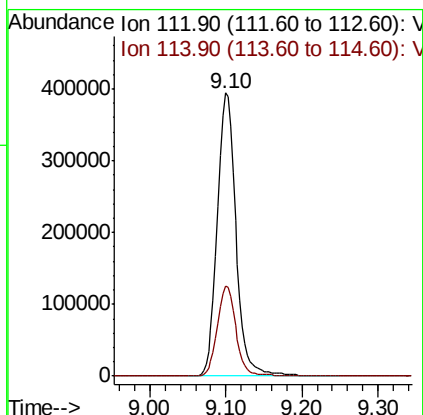
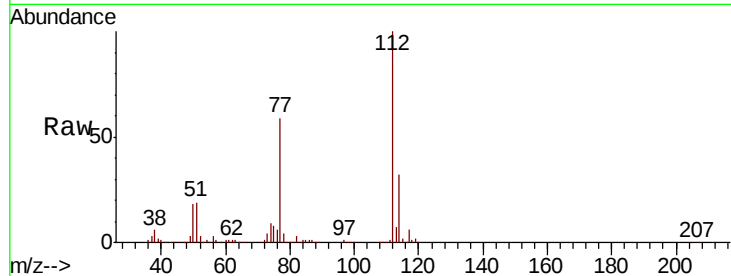




#65
Chlorobenzene
Concen: 48.811 ug/l
RT: 9.10 min Scan# 2491
Delta R.T. 0.00 min
Lab File: VU034050.D
Acq: 29 Aug 2019 01:50

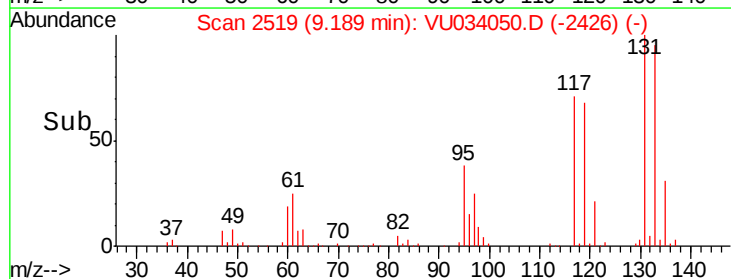
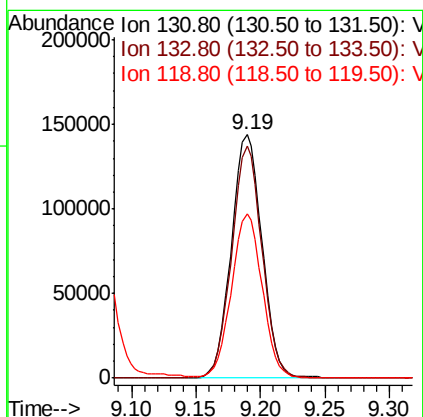
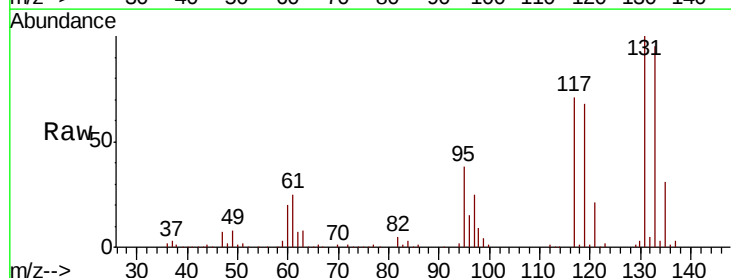
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

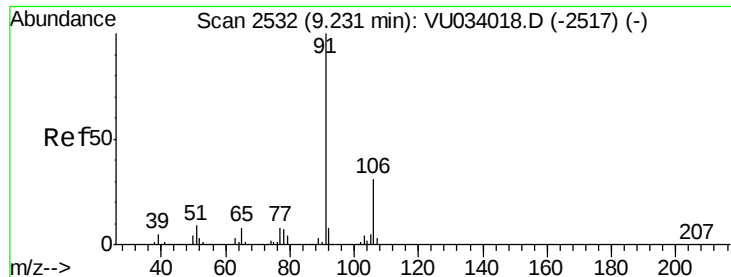
Tgt Ion:112 Resp: 672532
Ion Ratio Lower Upper
112 100
114 31.7 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 47.688 ug/l
RT: 9.19 min Scan# 2519
Delta R.T. 0.00 min
Lab File: VU034050.D
Acq: 29 Aug 2019 01:50

Tgt Ion:131 Resp: 238257
Ion Ratio Lower Upper
131 100
133 94.4 48.4 145.2
119 67.1 33.6 100.6

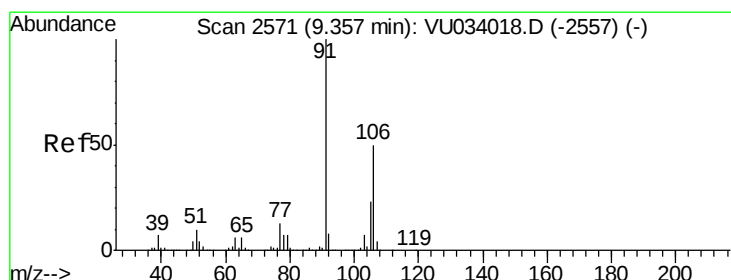
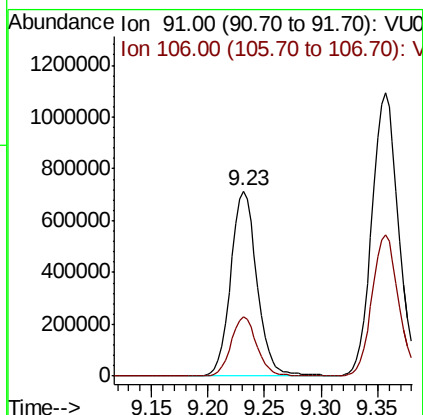
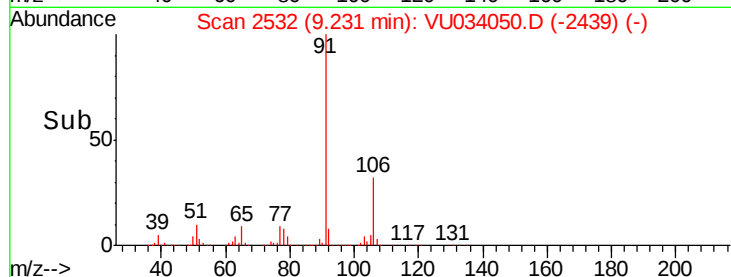
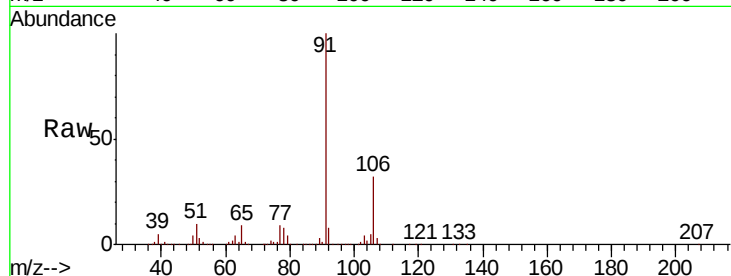




#67
Ethyl Benzene
Concen: 49.727 ug/l
RT: 9.23 min Scan# 2532
Delta R.T. 0.00 min
Lab File: VU034050.D
Acq: 29 Aug 2019 01:50

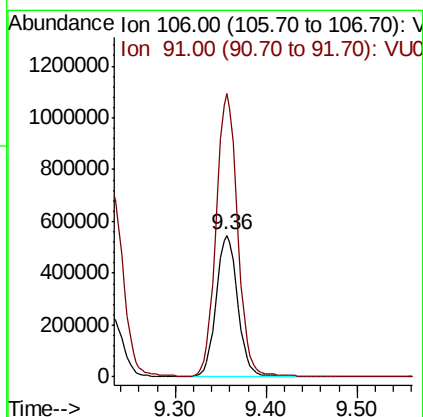
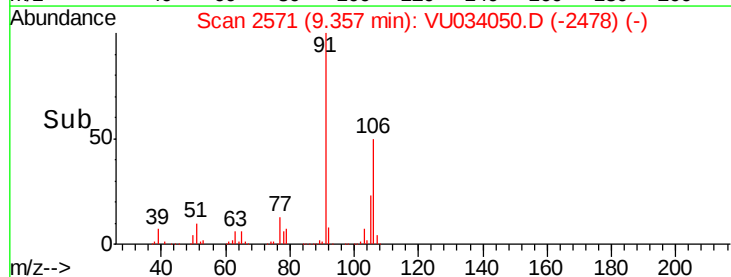
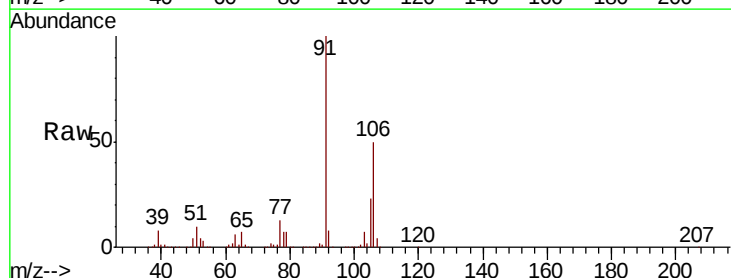
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

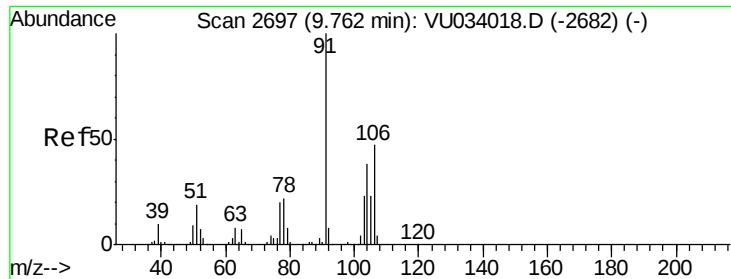
Tgt Ion: 91 Resp: 1161417
Ion Ratio Lower Upper
91 100
106 31.8 24.9 37.3



#68
m/p-Xylenes
Concen: 101.290 ug/l
RT: 9.36 min Scan# 2571
Delta R.T. 0.00 min
Lab File: VU034050.D
Acq: 29 Aug 2019 01:50

Tgt Ion: 106 Resp: 899539
Ion Ratio Lower Upper
106 100
91 200.1 161.6 242.4

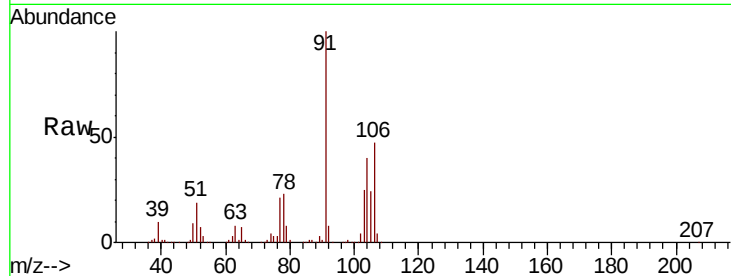




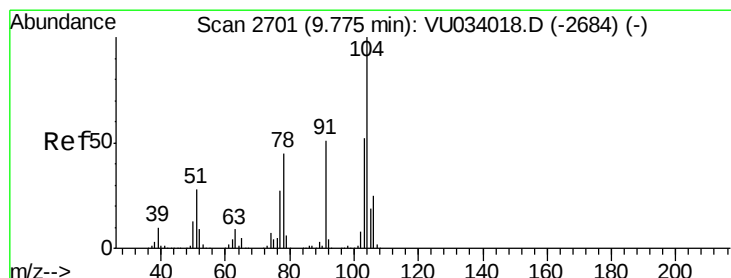
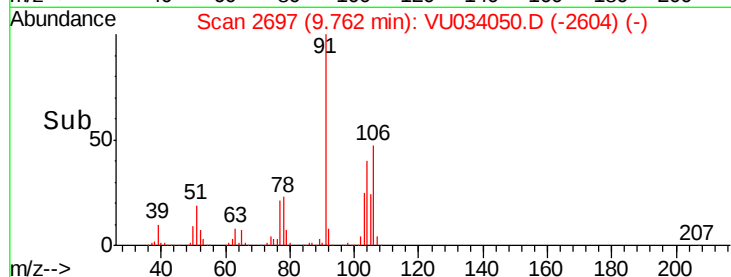
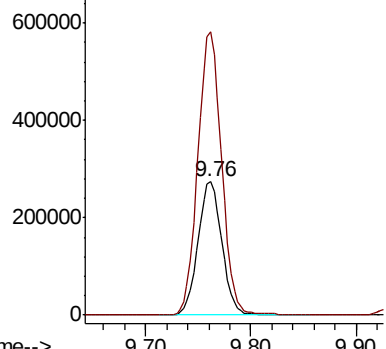
#69
o-Xylene
Concen: 50.411 ug/l
RT: 9.76 min Scan# 2697
Delta R.T. 0.00 min
Lab File: VU034050.D
Acq: 29 Aug 2019 01:50

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 429511
Ion Ratio Lower Upper
106 100
91 211.5 106.0 318.0

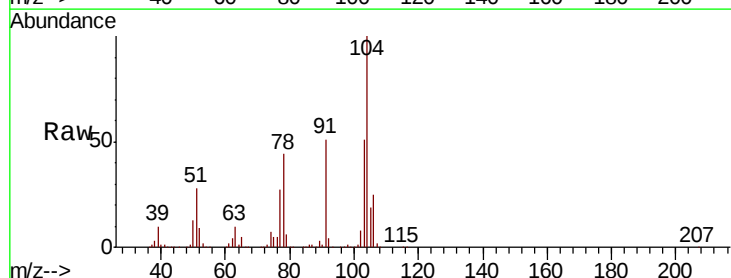


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

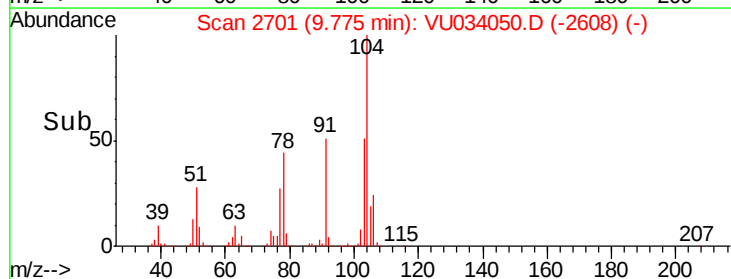
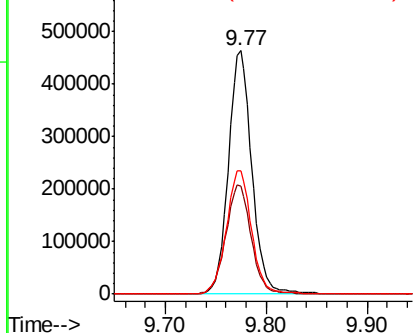


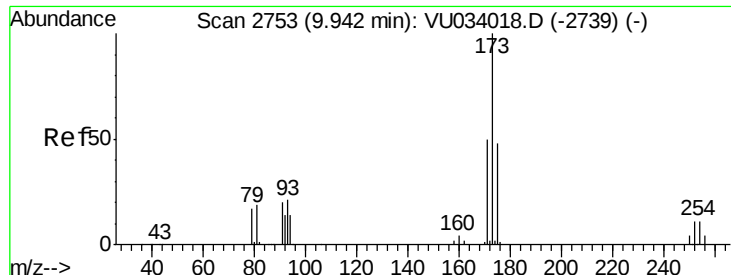
#70
Styrene
Concen: 51.682 ug/l
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU034050.D
Acq: 29 Aug 2019 01:50

Tgt Ion:104 Resp: 755017
Ion Ratio Lower Upper
104 100
78 48.7 39.0 58.4
103 54.8 44.0 66.0



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 46.624 ug/l

RT: 9.94 min Scan# 2752

Delta R.T. -0.00 min

Lab File: VU034050.D

Acq: 29 Aug 2019 01:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

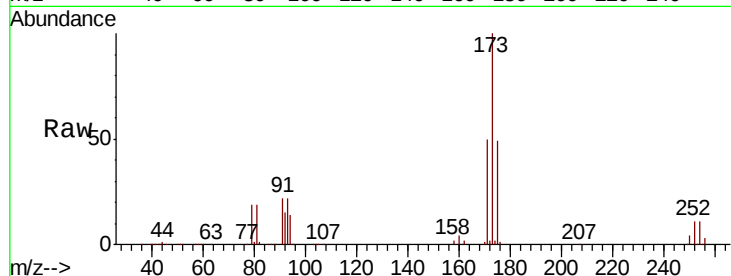
Tgt Ion:173 Resp: 202386

Ion Ratio Lower Upper

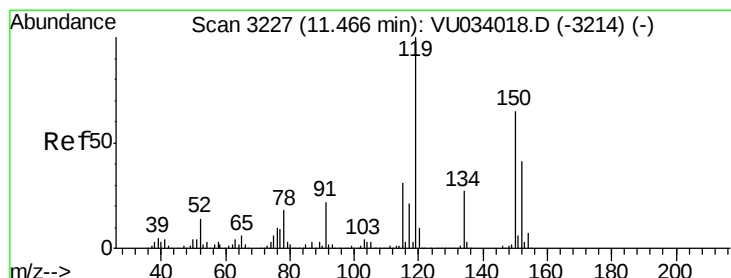
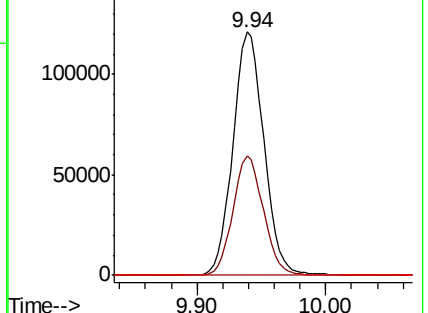
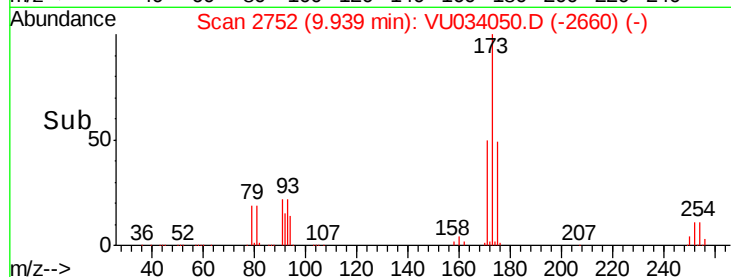
173 100

175 48.4 24.6 73.6

254 0.1 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: 11.47 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VU034050.D

Acq: 29 Aug 2019 01:50

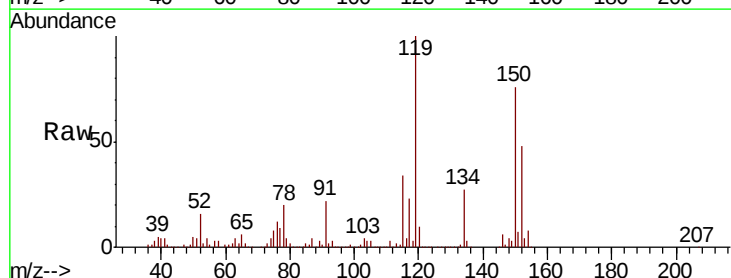
Tgt Ion:152 Resp: 354880

Ion Ratio Lower Upper

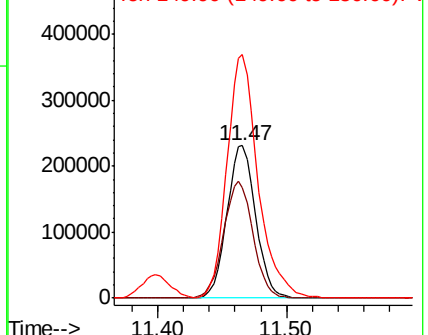
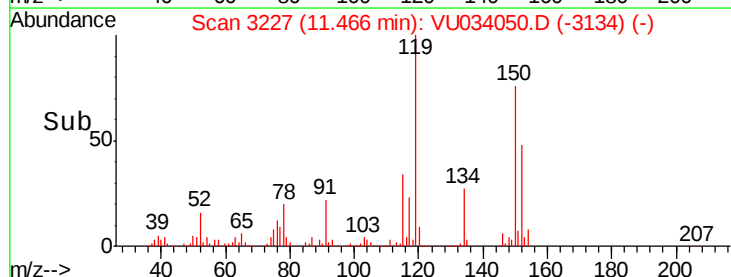
152 100

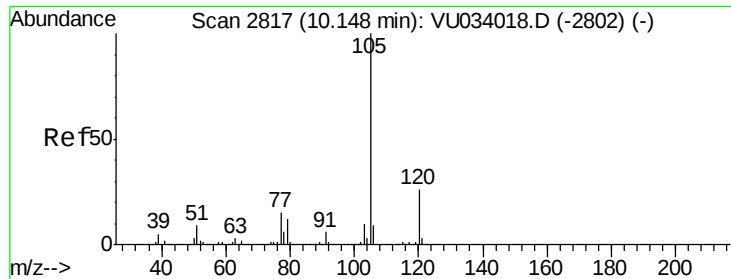
115 78.8 41.1 123.3

150 172.9 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: 48.485 ug/l

RT: 10.15 min Scan# 2817

Delta R.T. 0.00 min

Lab File: VU034050.D

Acq: 29 Aug 2019 01:50

Instrument :

MSVOA_U

ClientSampleId :

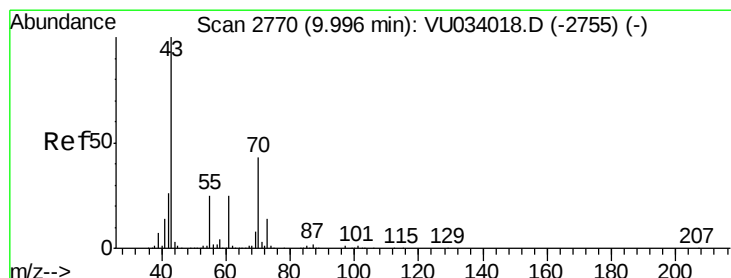
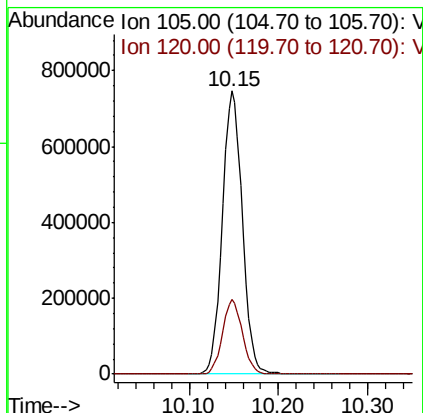
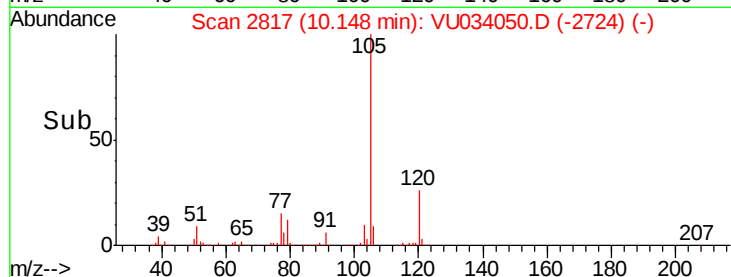
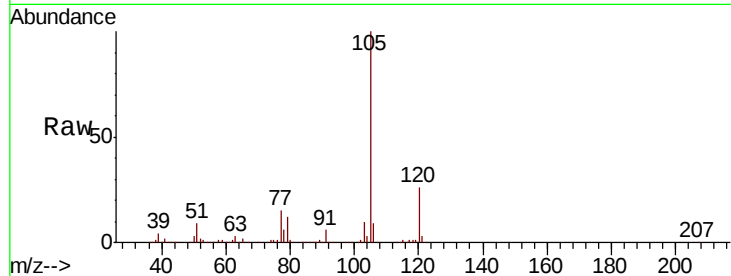
VSTDCCC050EC

Tgt Ion:105 Resp: 1155735

Ion Ratio Lower Upper

105 100

120 26.2 13.3 39.8



#74

N-ethyl acetate

Concen: 50.122 ug/l

RT: 10.00 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VU034050.D

Acq: 29 Aug 2019 01:50

Tgt Ion: 43 Resp: 502507

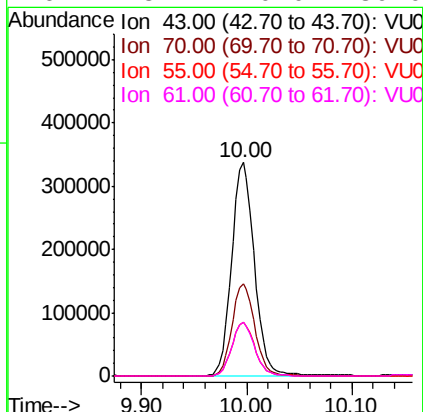
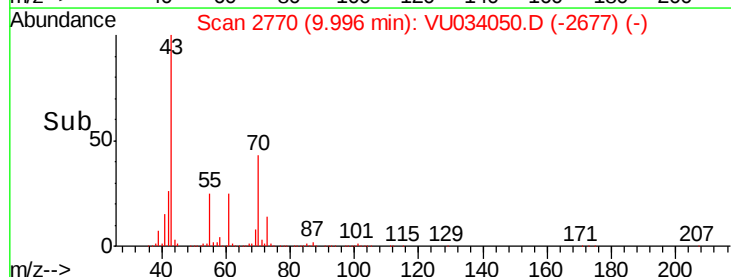
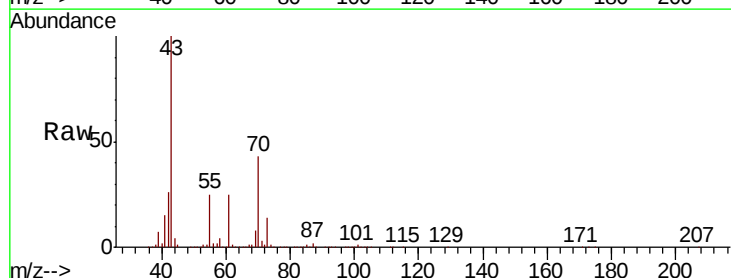
Ion Ratio Lower Upper

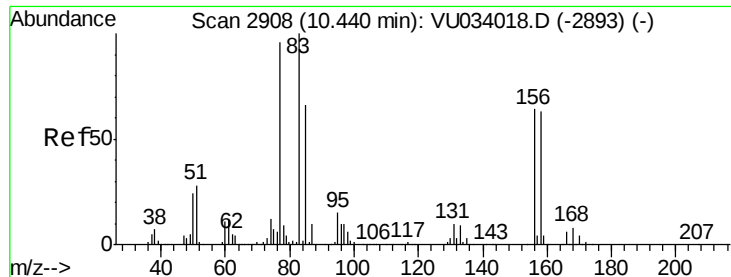
43 100

70 43.4 35.2 52.8

55 25.5 20.5 30.7

61 25.2 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.465 ug/l

RT: 10.44 min Scan# 2908

Delta R.T. 0.00 min

Lab File: VU034050.D

Acq: 29 Aug 2019 01:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

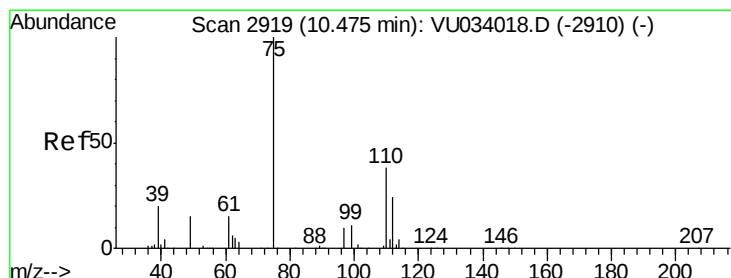
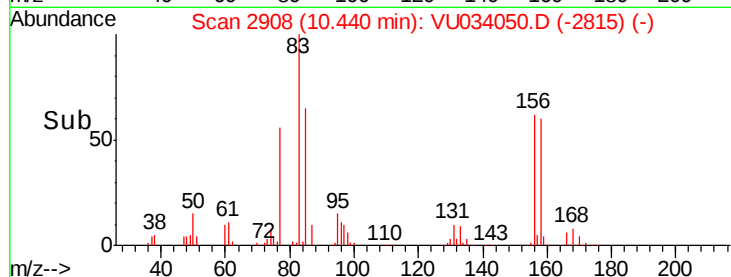
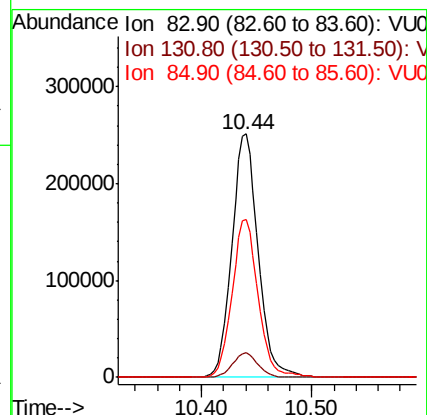
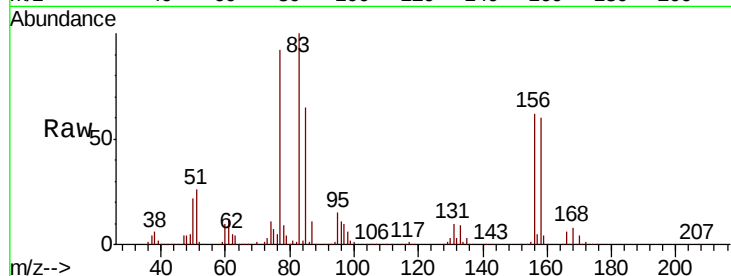
Tgt Ion: 83 Resp: 414808

Ion Ratio Lower Upper

83 100

131 9.7 5.0 14.9

85 64.3 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 56.397 ug/l

RT: 10.48 min Scan# 2919

Delta R.T. 0.00 min

Lab File: VU034050.D

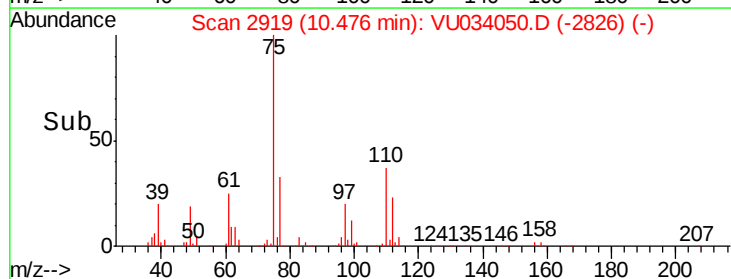
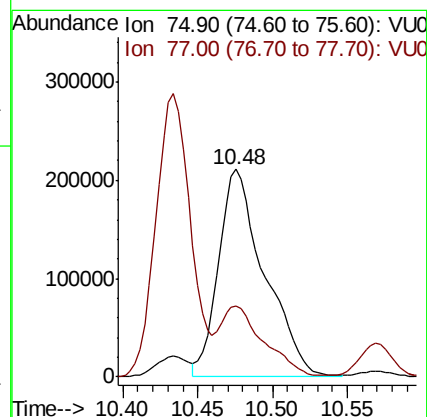
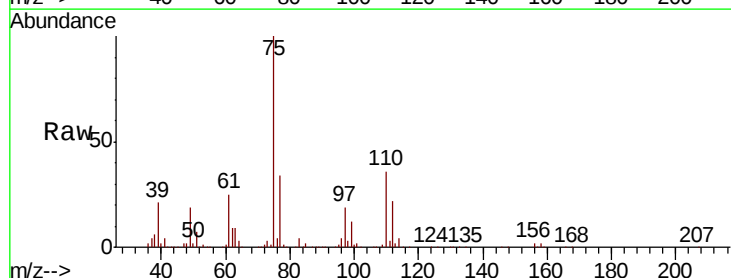
Acq: 29 Aug 2019 01:50

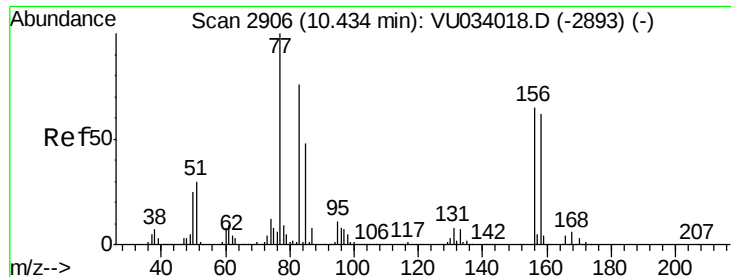
Tgt Ion: 75 Resp: 451083

Ion Ratio Lower Upper

75 100

77 32.7 20.1 60.2





#77

Bromobenzene

Concen: 46.478 ug/l

RT: 10.43 min Scan# 2906

Delta R.T. 0.00 min

Lab File: VU034050.D

Acq: 29 Aug 2019 01:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

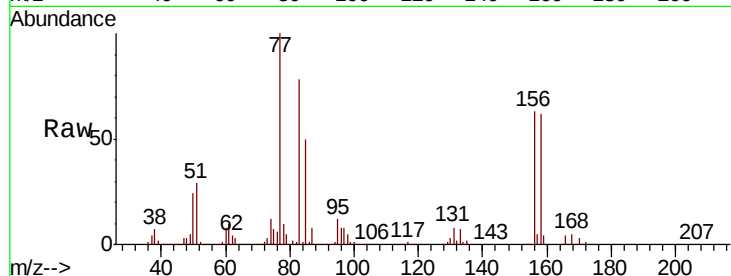
Tgt Ion:156 Resp: 298024

Ion Ratio Lower Upper

156 100

77 156.3 76.8 230.5

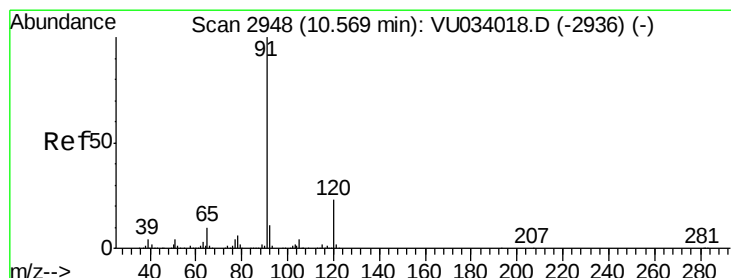
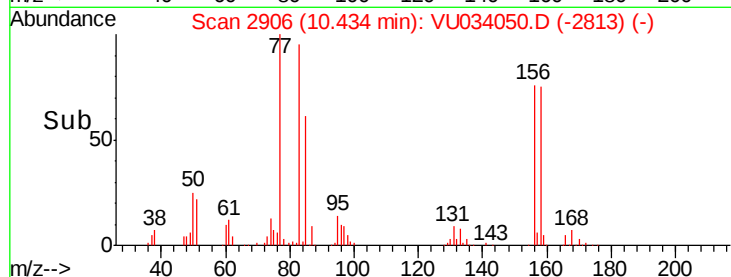
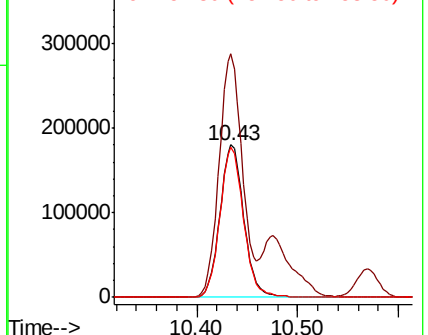
158 97.9 48.4 145.0



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: 48.597 ug/l

RT: 10.57 min Scan# 2948

Delta R.T. 0.00 min

Lab File: VU034050.D

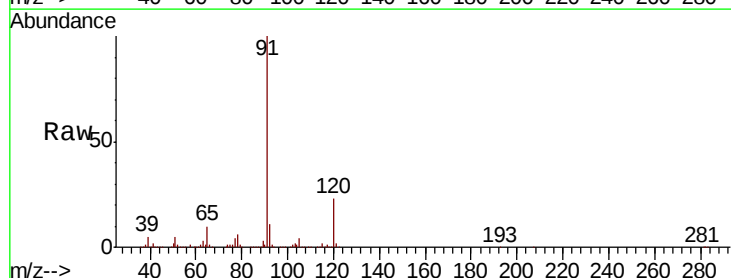
Acq: 29 Aug 2019 01:50

Tgt Ion: 91 Resp: 1349070

Ion Ratio Lower Upper

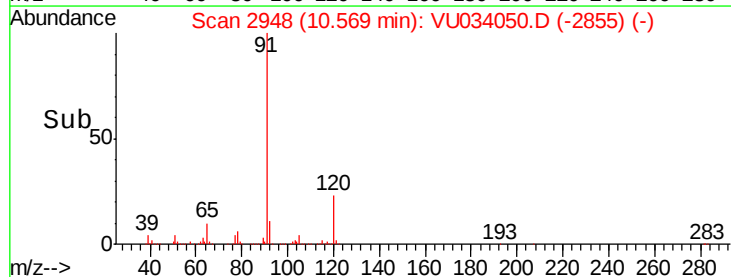
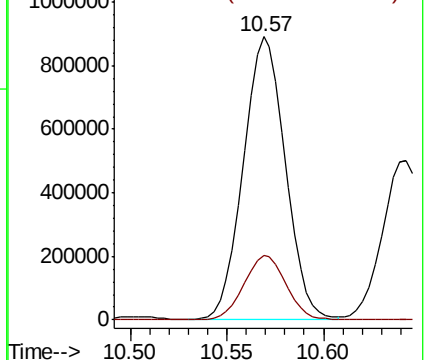
91 100

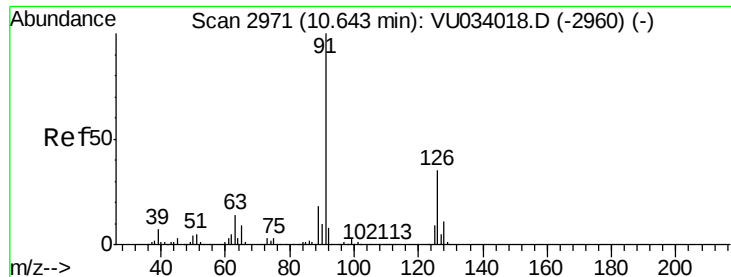
120 22.9 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.950 ug/l

RT: 10.64 min Scan# 2971

Delta R.T. 0.00 min

Lab File: VU034050.D

Acq: 29 Aug 2019 01:50

Instrument :

MSVOA_U

ClientSampleId :

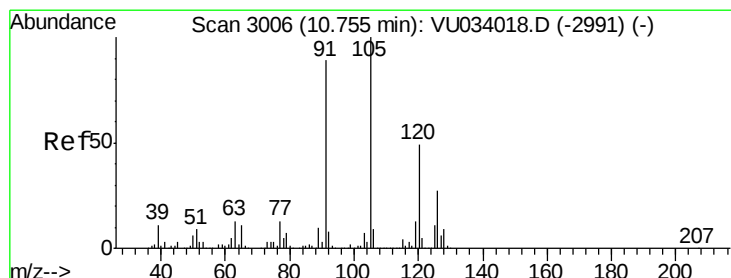
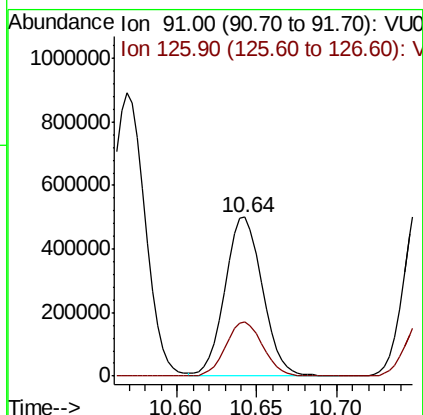
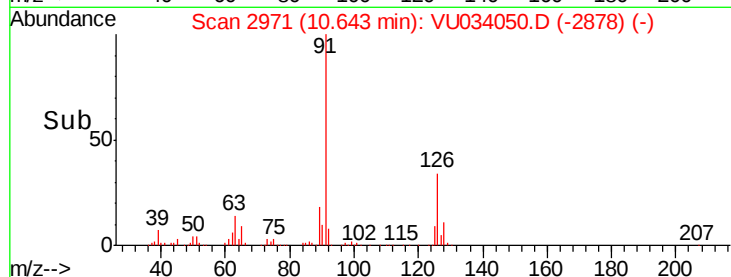
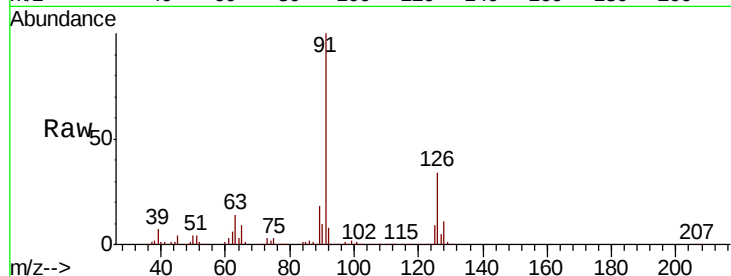
VSTDCCC050EC

Tgt Ion: 91 Resp: 798415

Ion Ratio Lower Upper

91 100

126 34.0 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 49.319 ug/l

RT: 10.75 min Scan# 3005

Delta R.T. -0.00 min

Lab File: VU034050.D

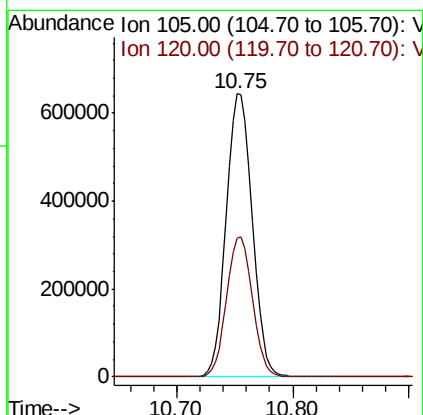
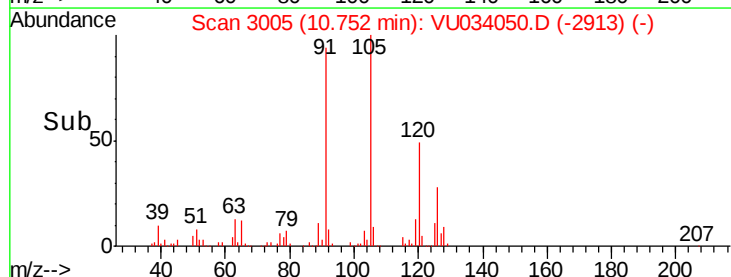
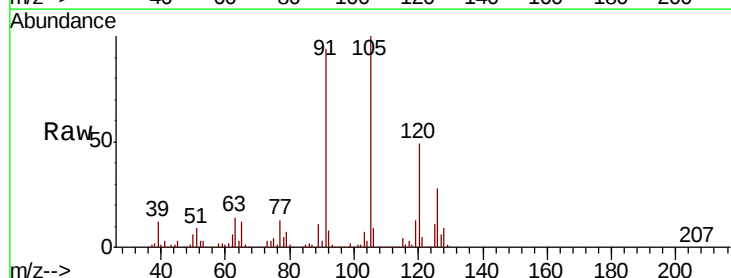
Acq: 29 Aug 2019 01:50

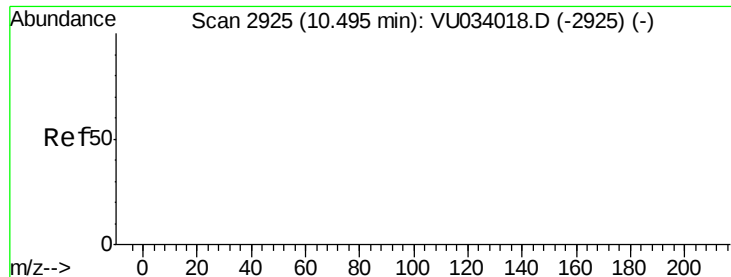
Tgt Ion: 105 Resp: 996403

Ion Ratio Lower Upper

105 100

120 49.2 24.6 73.6

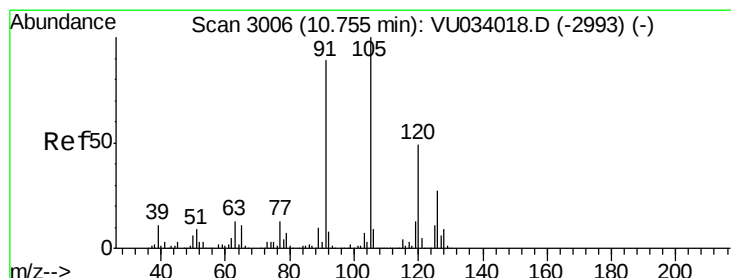
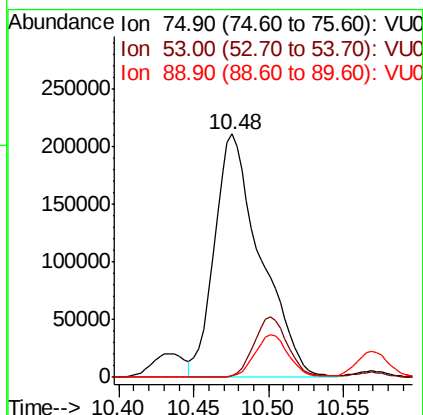
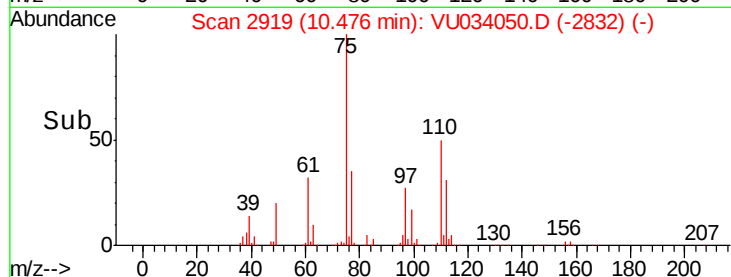
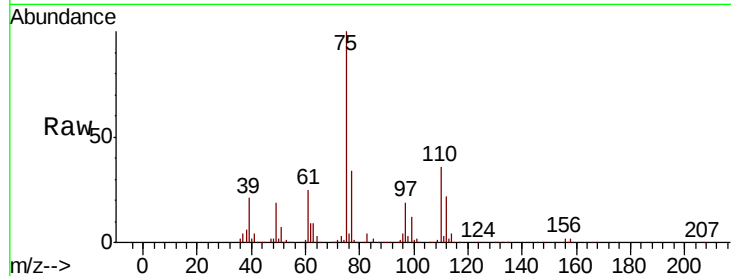




#81
trans-1,4-Dichloro-2-butene
Concen: 190.415 ug/l
RT: 10.48 min Scan# 2919
Delta R.T. -0.02 min
Lab File: VU034050.D
Acq: 29 Aug 2019 01:50

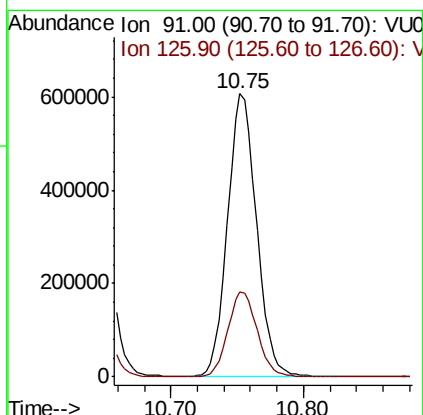
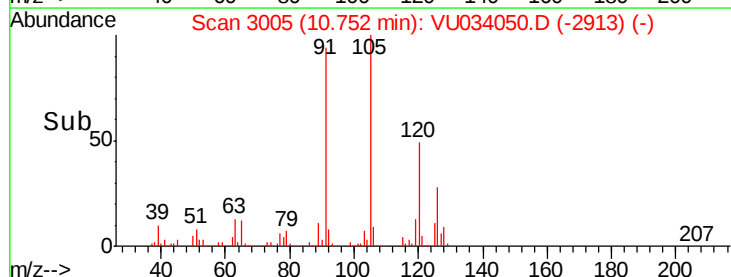
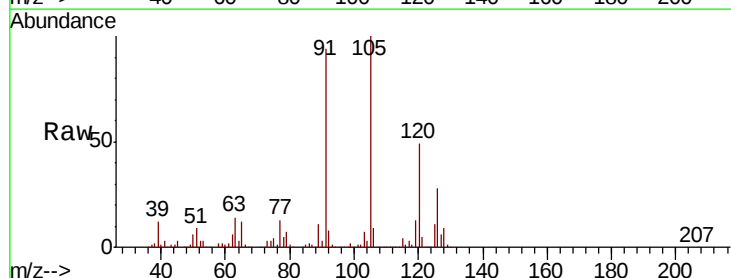
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

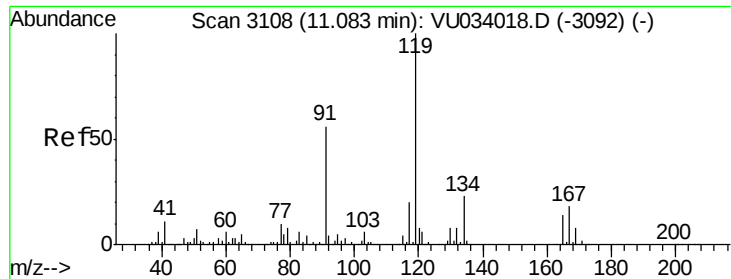
Tgt Ion: 75 Resp: 452303
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 47.997 ug/l
RT: 10.75 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VU034050.D
Acq: 29 Aug 2019 01:50

Tgt Ion: 91 Resp: 919139
Ion Ratio Lower Upper
91 100
126 30.5 15.0 45.1

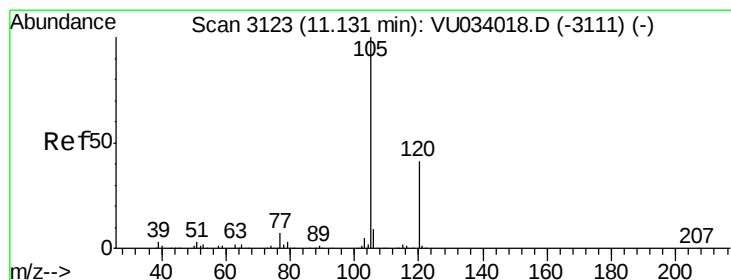
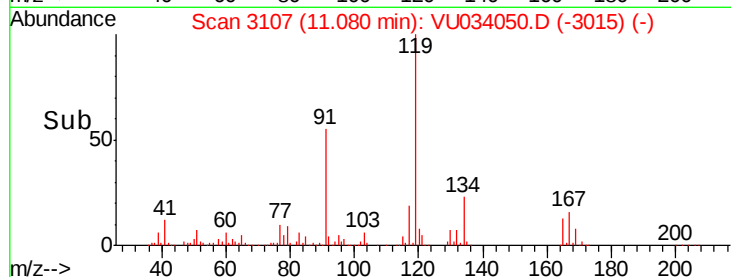
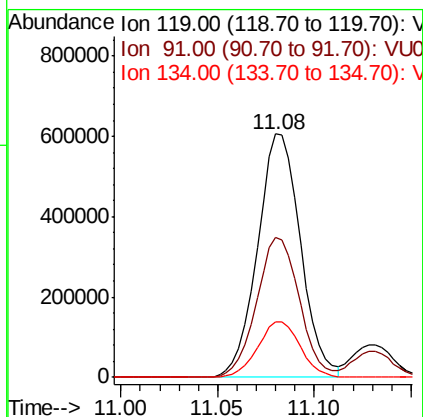
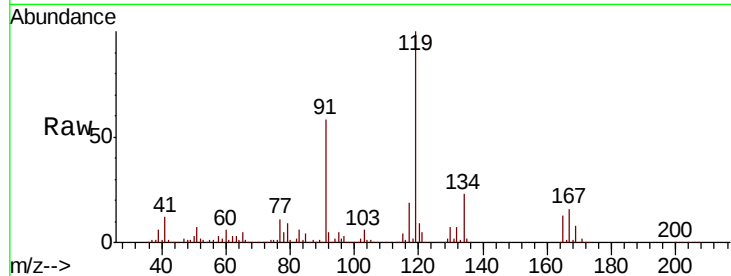




#83
 tert-Butylbenzene
 Concen: 47.230 ug/l
 RT: 11.08 min Scan# 3107
 Delta R.T. -0.00 min
 Lab File: VU034050.D
 Acq: 29 Aug 2019 01:50

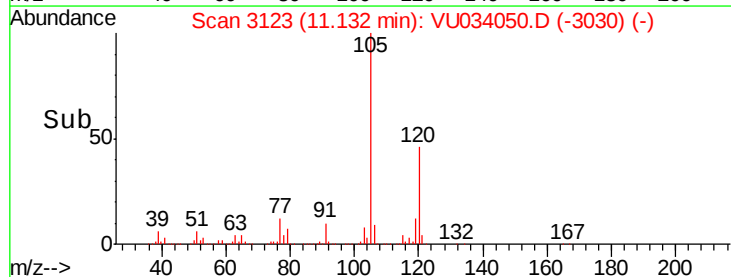
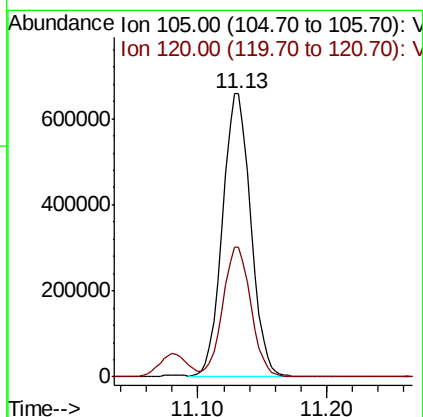
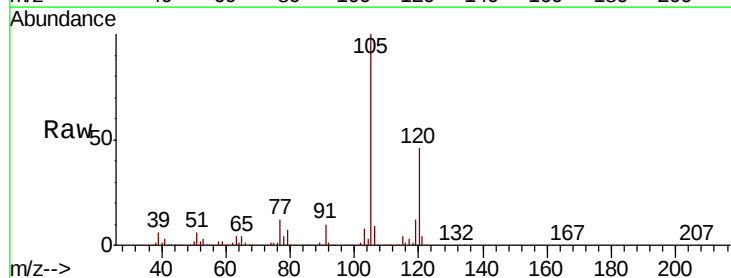
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

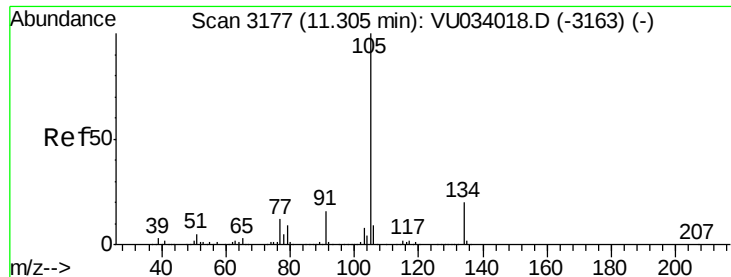
Tgt Ion:119 Resp: 939347
 Ion Ratio Lower Upper
 119 100
 91 57.0 27.9 83.6
 134 22.7 11.4 34.2



#84
 1,2,4-Trimethylbenzene
 Concen: 49.737 ug/l
 RT: 11.13 min Scan# 3123
 Delta R.T. 0.00 min
 Lab File: VU034050.D
 Acq: 29 Aug 2019 01:50

Tgt Ion:105 Resp: 997814
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.6 67.8

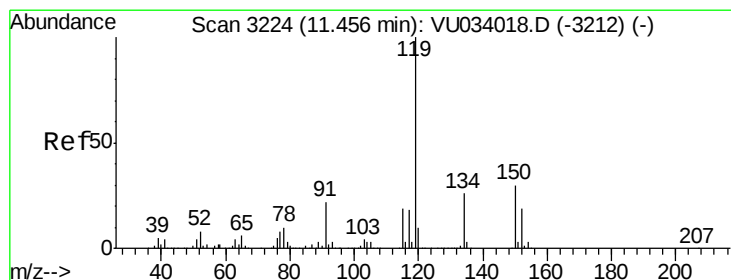
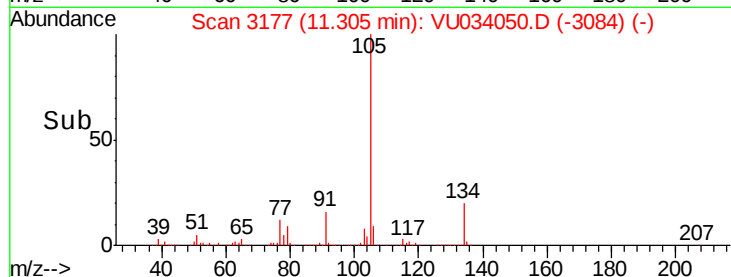
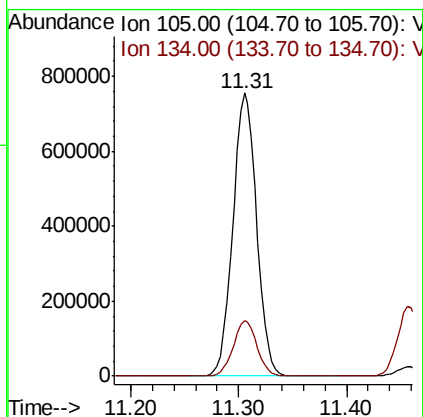
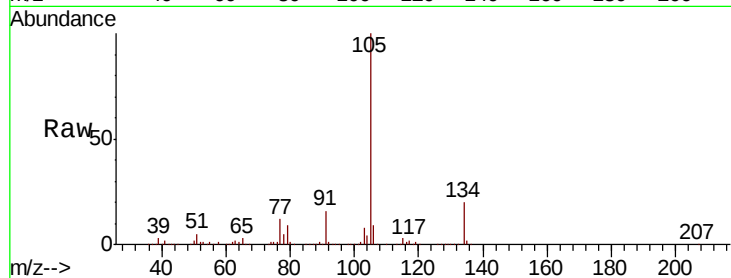




#85
 sec-Butylbenzene
 Concen: 48.395 ug/l
 RT: 11.31 min Scan# 3177
 Delta R.T. 0.00 min
 Lab File: VU034050.D
 Acq: 29 Aug 2019 01:50

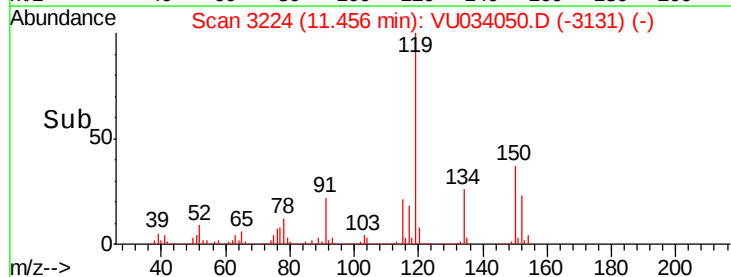
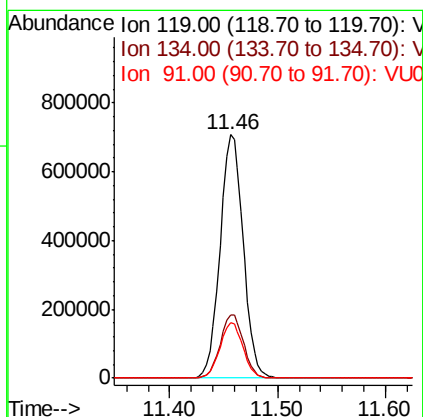
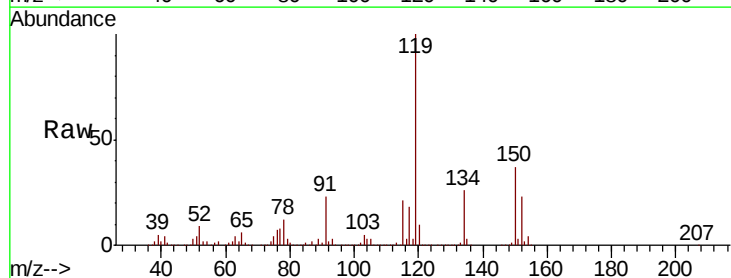
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

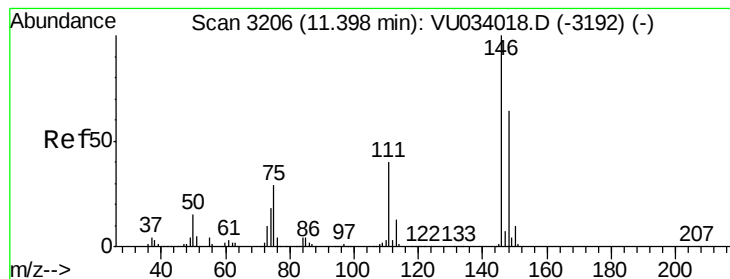
Tgt Ion:105 Resp: 1153630
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 48.817 ug/l
 RT: 11.46 min Scan# 3224
 Delta R.T. 0.00 min
 Lab File: VU034050.D
 Acq: 29 Aug 2019 01:50

Tgt Ion:119 Resp: 1052452
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.1
 91 22.6 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 47.128 ug/l

RT: 11.40 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VU034050.D

Acq: 29 Aug 2019 01:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

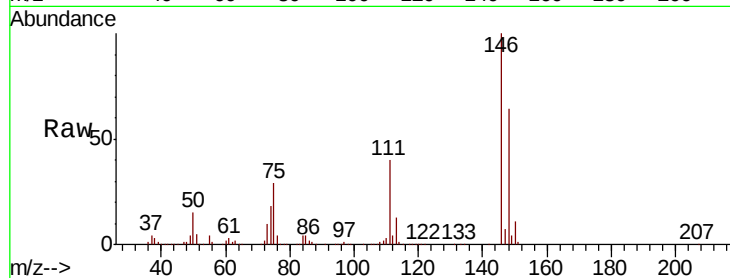
Tgt Ion:146 Resp: 534997

Ion Ratio Lower Upper

146 100

111 39.8 19.9 59.6

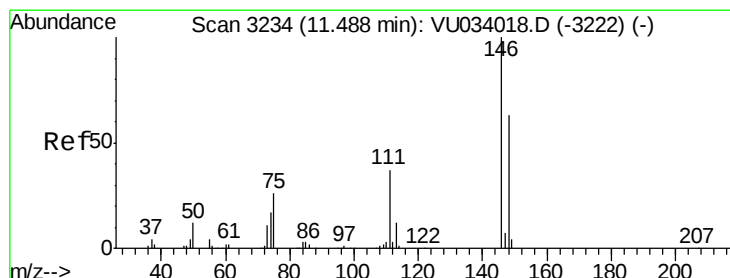
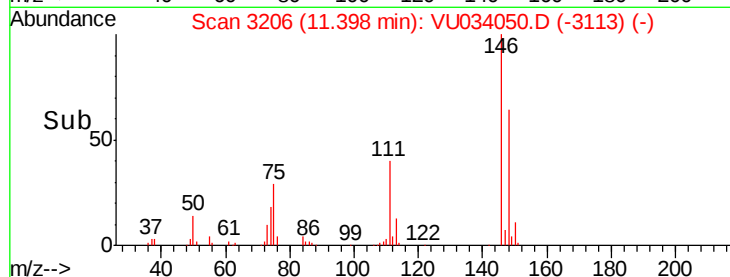
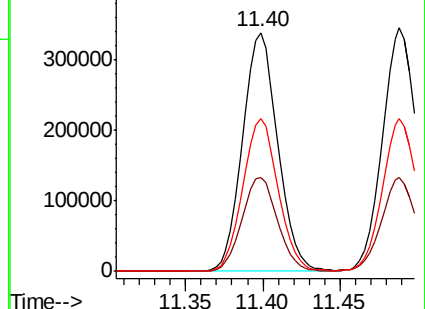
148 64.1 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 47.267 ug/l

RT: 11.49 min Scan# 3234

Delta R.T. 0.00 min

Lab File: VU034050.D

Acq: 29 Aug 2019 01:50

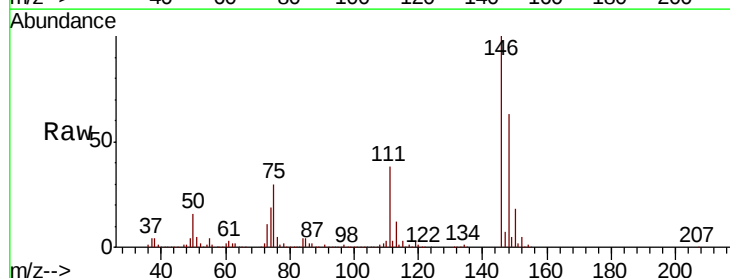
Tgt Ion:146 Resp: 542653

Ion Ratio Lower Upper

146 100

111 38.6 19.2 57.6

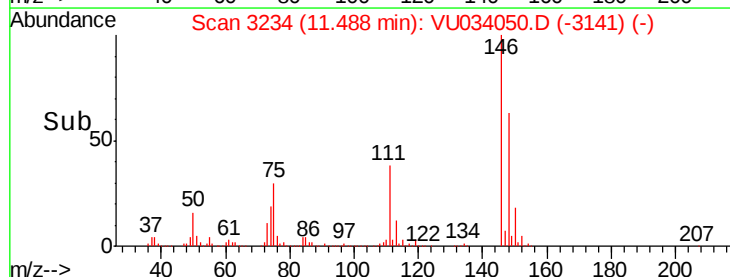
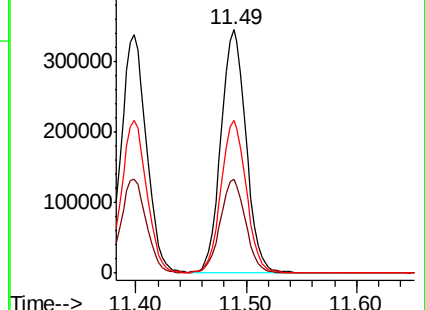
148 63.1 31.9 95.9

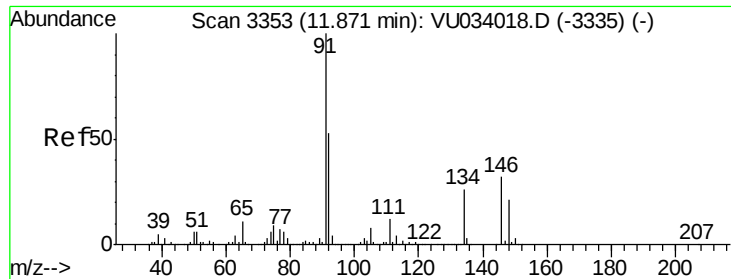


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

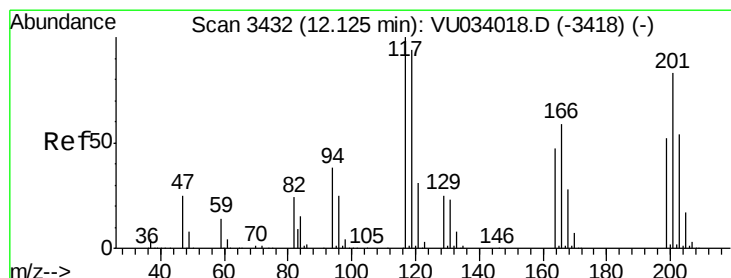
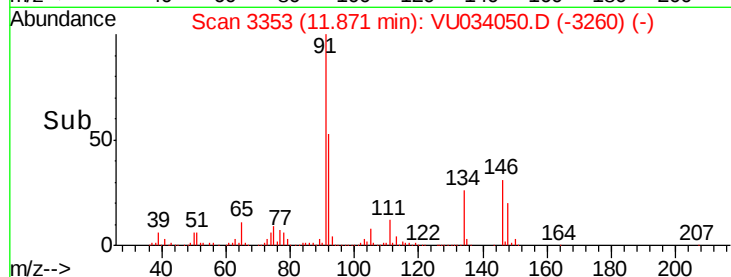
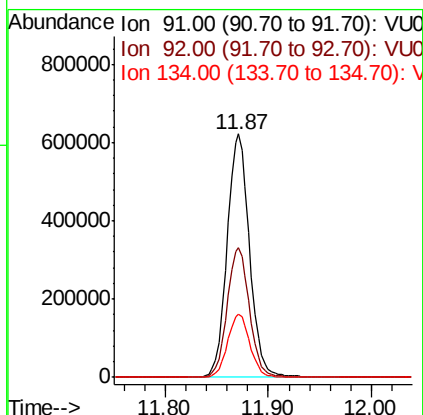
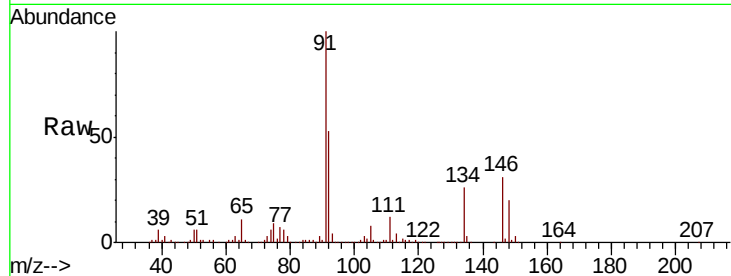




#89
n-Butylbenzene
Concen: 49.456 ug/l
RT: 11.87 min Scan# 3353
Delta R.T. 0.00 min
Lab File: VU034050.D
Acq: 29 Aug 2019 01:50

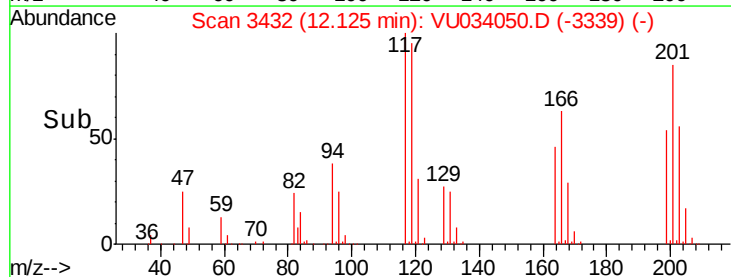
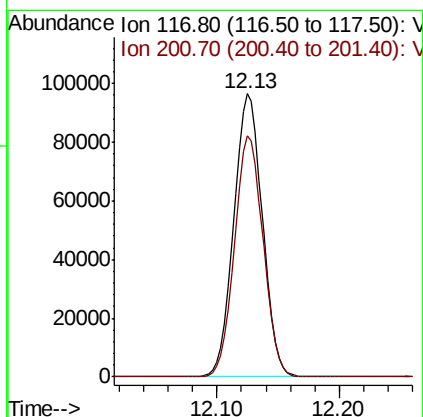
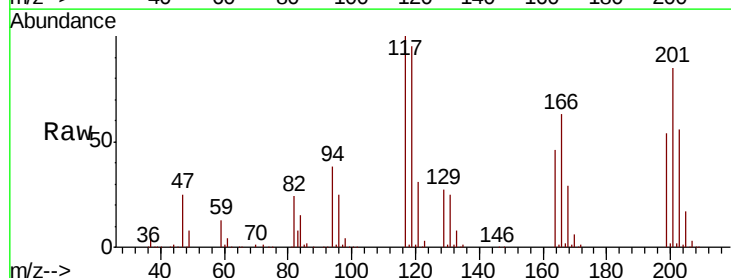
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

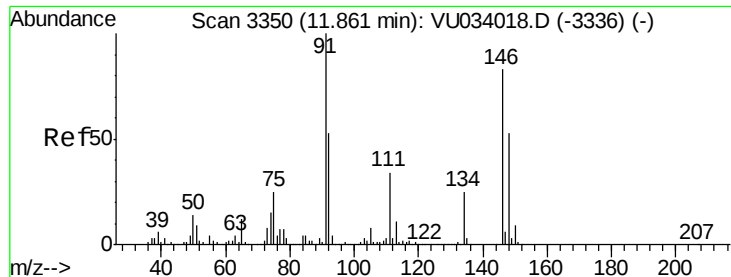
Tgt Ion: 91 Resp: 940050
Ion Ratio Lower Upper
91 100
92 53.2 26.3 78.9
134 26.0 12.9 38.7



#90
Hexachloroethane
Concen: 42.072 ug/l
RT: 12.13 min Scan# 3432
Delta R.T. 0.00 min
Lab File: VU034050.D
Acq: 29 Aug 2019 01:50

Tgt Ion: 117 Resp: 156821
Ion Ratio Lower Upper
117 100
201 85.1 42.5 127.6





#91

1,2-Dichlorobenzene

Concen: 48.520 ug/l

RT: 11.86 min Scan# 3350

Delta R.T. 0.00 min

Lab File: VU034050.D

Acq: 29 Aug 2019 01:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

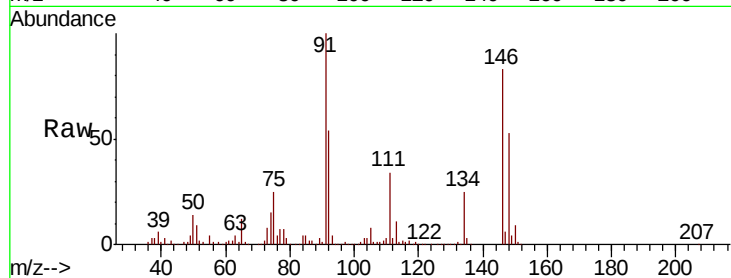
Tgt Ion:146 Resp: 527627

Ion Ratio Lower Upper

146 100

111 41.4 20.4 61.2

148 63.1 32.3 96.8

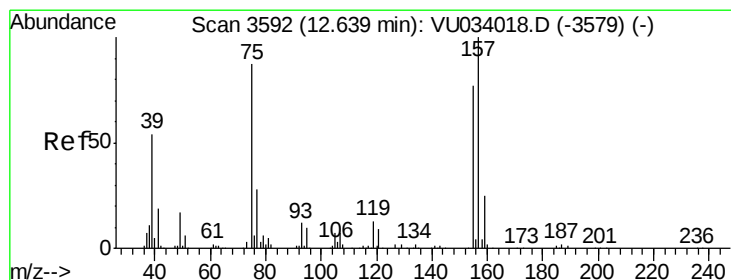
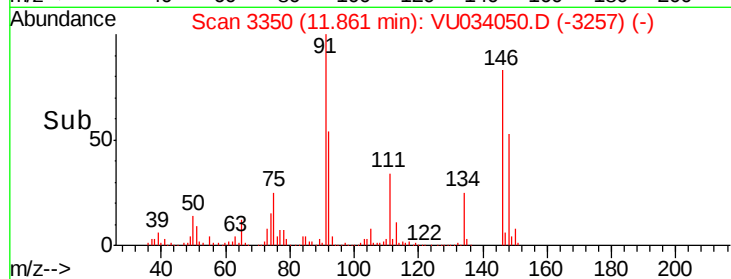
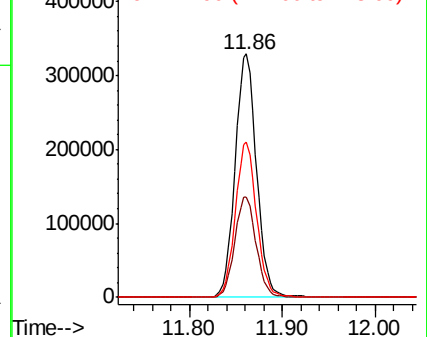


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.907 ug/l

RT: 12.64 min Scan# 3592

Delta R.T. 0.00 min

Lab File: VU034050.D

Acq: 29 Aug 2019 01:50

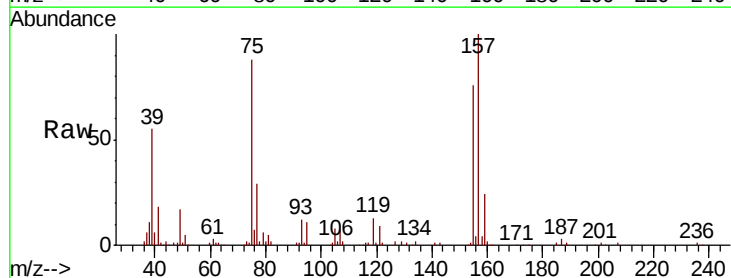
Tgt Ion: 75 Resp: 87076

Ion Ratio Lower Upper

75 100

155 86.2 43.5 130.7

157 111.9 56.9 170.6

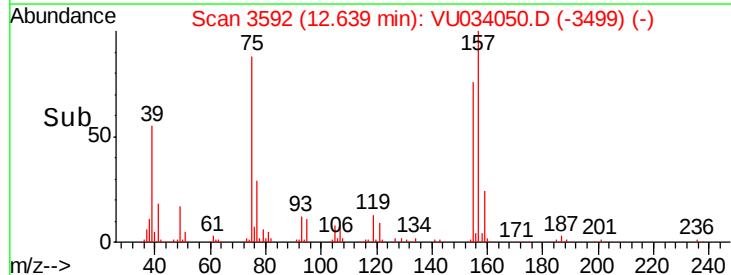
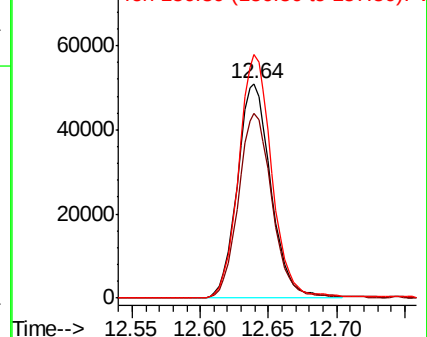


Abundance

Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

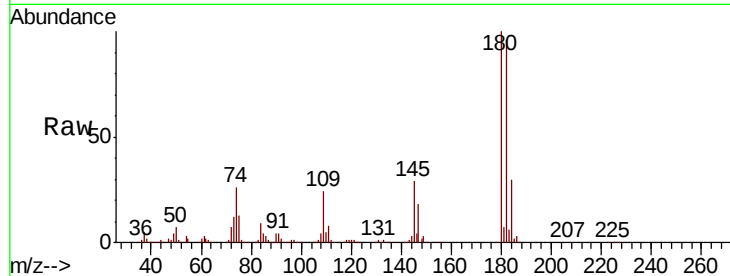




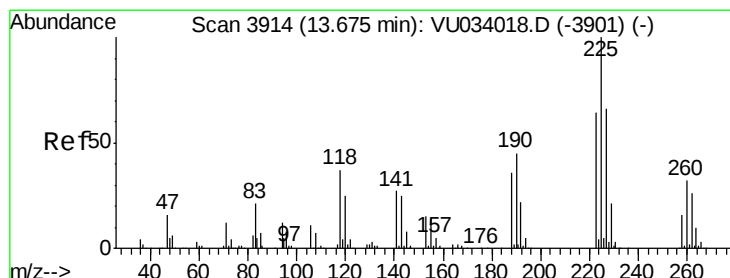
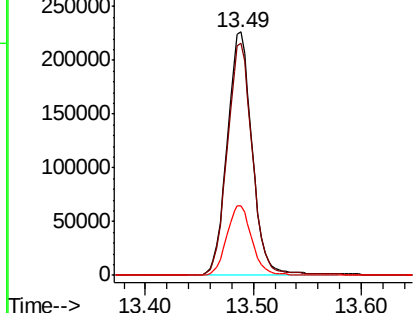
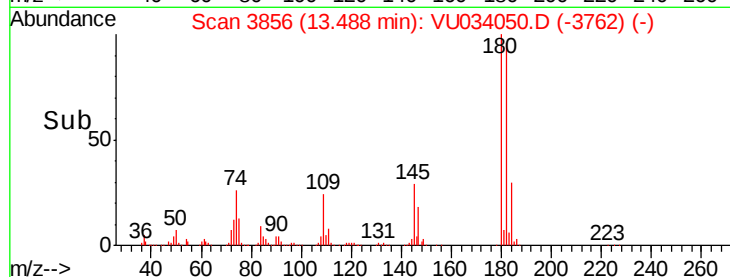
#93
 1,2,4-Trichlorobenzene
 Concen: 47.332 ug/l
 RT: 13.49 min Scan# 3856
 Delta R.T. 0.00 min
 Lab File: VU034050.D
 Acq: 29 Aug 2019 01:50

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 365632
 Ion Ratio Lower Upper
 180 100
 182 96.3 47.4 142.2
 145 28.9 14.1 42.3

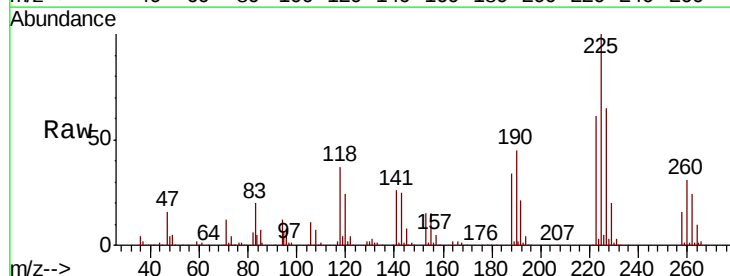


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

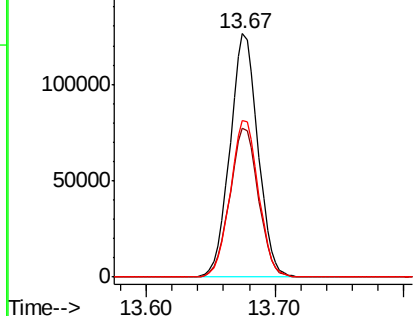
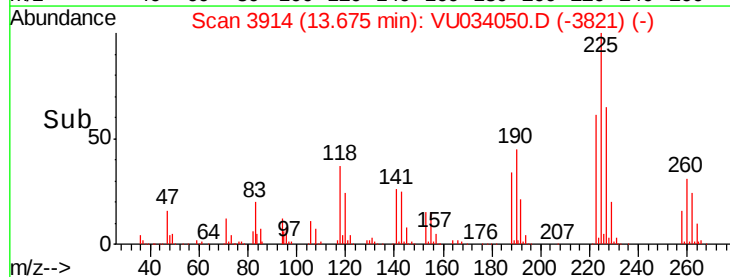


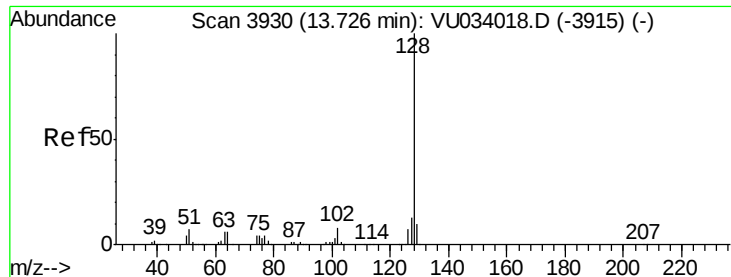
#94
 Hexachlorobutadiene
 Concen: 44.657 ug/l
 RT: 13.67 min Scan# 3914
 Delta R.T. 0.00 min
 Lab File: VU034050.D
 Acq: 29 Aug 2019 01:50

Tgt Ion:225 Resp: 189970
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.8 95.3
 227 65.2 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

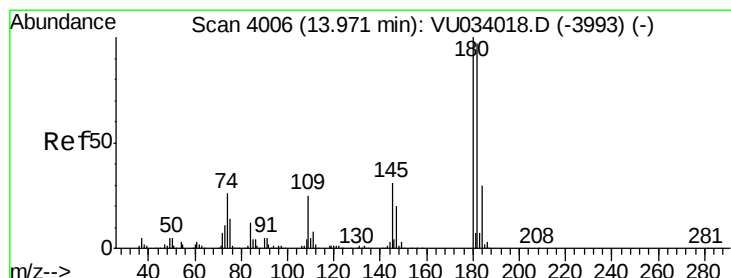
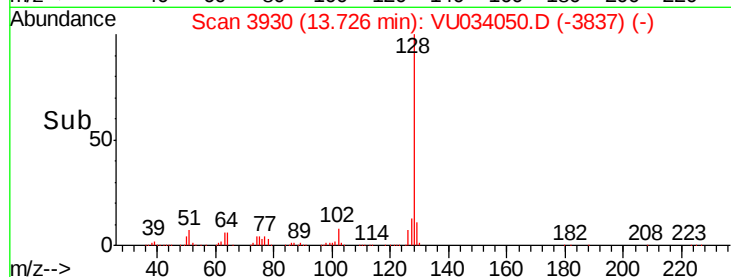
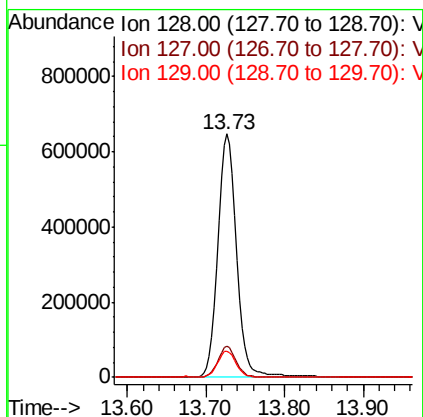
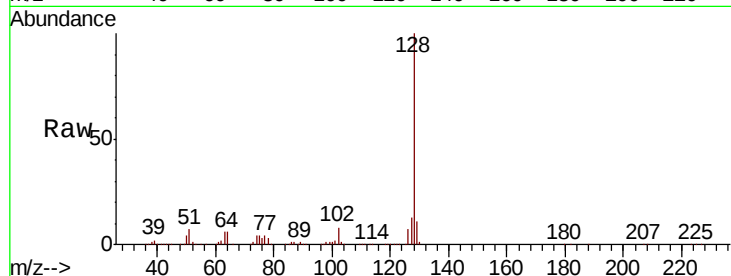




#95
Naphthalene
Concen: 48.223 ug/l
RT: 13.73 min Scan# 3930
Delta R.T. 0.00 min
Lab File: VU034050.D
Acq: 29 Aug 2019 01:50

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 1066718
Ion Ratio Lower Upper
128 100
127 12.3 10.2 15.4
129 10.6 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 52.179 ug/l
RT: 13.97 min Scan# 4006
Delta R.T. 0.00 min
Lab File: VU034050.D
Acq: 29 Aug 2019 01:50

Tgt Ion:180 Resp: 363476
Ion Ratio Lower Upper
180 100
182 96.2 48.2 144.6
145 31.5 15.5 46.5

