

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090319\
 Data File : VU034211.D
 Acq On : 02 Sep 2019 18:42
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 03 05:57:26 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	234367	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	435769	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	401251	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	200406	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	233003	77.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	155.18%	
35) Dibromofluoromethane	4.86	113	189664	62.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.50%	
50) Toluene-d8	7.55	98	558137	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
62) 4-Bromofluorobenzene	10.29	95	209485	47.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	78146	33.154	ug/l	99
3) Chloromethane	1.32	50	200630	64.335	ug/l	99
4) Vinyl Chloride	1.40	62	166865	53.190	ug/l	99
5) Bromomethane	1.61	94	111648	77.083	ug/l	99
6) Chloroethane	1.68	64	120229	62.687	ug/l	100
7) Trichlorofluoromethane	1.87	101	148716	40.912	ug/l	99
8) Diethyl Ether	2.09	74	129299	83.150	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.27	101	84051	36.500	ug/l	99
10) Methyl Iodide	2.40	142	126566	38.745	ug/l	99
11) Tert butyl alcohol	2.81	59	276104	398.697	ug/l	99
12) 1,1-Dichloroethene	2.27	96	123317	52.559	ug/l	99
13) Acrolein	2.18	56	78656	269.996	ug/l	99
14) Allyl chloride	2.58	41	255799	57.987	ug/l	93
15) Acrylonitrile	2.92	53	711082	447.472	ug/l	100
16) Acetone	2.31	43	583405	380.742	ug/l	100
17) Carbon Disulfide	2.46	76	324263	43.667	ug/l	100
18) Methyl Acetate	2.60	43	339905	85.841	ug/l	100
19) Methyl tert-butyl Ether	2.98	73	673098	87.557	ug/l	100
20) Methylene Chloride	2.68	84	214660	74.001	ug/l	100
21) trans-1,2-Dichloroethene	2.96	96	147535	57.939	ug/l	99
22) Diisopropyl ether	3.55	45	667966	82.634	ug/l	99
23) Vinyl Acetate	3.50	43	2956522	425.772	ug/l	99
24) 1,1-Dichloroethane	3.42	63	340305	71.307	ug/l	100
25) 2-Butanone	4.23	43	930765	436.607	ug/l	99
26) 2,2-Dichloropropane	4.20	77	179930	46.335	ug/l	96
27) cis-1,2-Dichloroethene	4.20	96	198769	69.546	ug/l	95
28) Bromochloromethane	4.52	49	189167	80.454	ug/l	98
29) Tetrahydrofuran	4.61	42	598521	455.257	ug/l	99
30) Chloroform	4.65	83	331397	69.599	ug/l	98
31) Cyclohexane	4.97	56	150102	33.472	ug/l	98
32) 1,1,1-Trichloroethane	4.89	97	212335	54.449	ug/l	99
36) 1,1-Dichloropropene	5.12	75	155689	37.772	ug/l	99
37) Ethyl Acetate	4.36	43	337504	73.121	ug/l	100
38) Carbon Tetrachloride	5.11	117	155215	39.012	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	136639	28.126	ug/l	99
40) Benzene	5.37	78	672383	53.917	ug/l	100
41) Methacrylonitrile	4.52	41	184016	77.736	ug/l	99
42) 1,2-Dichloroethane	5.38	62	284301	66.019	ug/l	99
43) Isopropyl Acetate	5.53	43	516189	73.509	ug/l	99
44) Trichloroethene	6.16	130	153745	46.948	ug/l	99
45) 1,2-Dichloropropane	6.41	63	212494	61.900	ug/l	98
46) Dibromomethane	6.54	93	145006	65.564	ug/l	98
47) Bromodichloromethane	6.74	83	270566	62.528	ug/l	98
48) Methyl methacrylate	6.60	41	245356	72.408	ug/l	98
49) 1,4-Dioxane	6.59	88	107135	1261.875	ug/l	99
51) 4-Methyl-2-Pentanone	7.44	43	1770135	365.014	ug/l	99
52) Toluene	7.62	92	366977	47.770	ug/l	100
53) t-1,3-Dichloropropene	7.86	75	285802	59.526	ug/l	99
54) cis-1,3-Dichloropropene	7.25	75	307624	58.646	ug/l	98
55) 1,1,2-Trichloroethane	8.05	97	211446	65.070	ug/l	99
56) Ethyl methacrylate	8.00	69	336624	62.211	ug/l	99
57) 1,3-Dichloropropane	8.22	76	354952	64.332	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.11	63	624717	347.504	ug/l	100
59) 2-Hexanone	8.34	43	1334983	364.656	ug/l	100
60) Dibromochloromethane	8.46	129	221626	63.537	ug/l	99
61) 1,2-Dibromoethane	8.57	107	218456	63.819	ug/l	99
64) Tetrachloroethene	8.21	164	112037	41.577	ug/l	98
65) Chlorobenzene	9.10	112	408108	49.424	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.19	131	168430	56.252	ug/l	100
67) Ethyl Benzene	9.23	91	598939	42.790	ug/l	99
68) m/p-Xylenes	9.36	106	466934	87.731	ug/l	99
69) o-Xylene	9.76	106	242661	47.523	ug/l	99
70) Styrene	9.77	104	451838	51.608	ug/l	100
71) Bromoform	9.94	173	172714	66.391	ug/l #	99
73) Isopropylbenzene	10.15	105	552986	41.080	ug/l	100
74) N-amyl acetate	9.99	43	419277	74.056	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.44	83	367535	71.335	ug/l	99
76) 1,2,3-Trichloropropane	10.47	75	395259	87.509	ug/l	89
77) Bromobenzene	10.43	156	191215	52.806	ug/l	99
78) n-propylbenzene	10.57	91	621660	39.655	ug/l	99
79) 2-Chlorotoluene	10.64	91	422705	44.954	ug/l	99
80) 1,3,5-Trimethylbenzene	10.75	105	493127	43.222	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.47	75	395259	294.663	ug/l #	100
82) 4-Chlorotoluene	10.75	91	480687	44.450	ug/l	100
83) tert-Butylbenzene	11.08	119	455057	40.516	ug/l	98
84) 1,2,4-Trimethylbenzene	11.13	105	512134	45.205	ug/l	99
85) sec-Butylbenzene	11.30	105	500272	37.163	ug/l	100
86) p-Isopropyltoluene	11.46	119	471790	38.751	ug/l	99
87) 1,3-Dichlorobenzene	11.40	146	300167	46.823	ug/l	99
88) 1,4-Dichlorobenzene	11.49	146	299669	46.222	ug/l	100
89) n-Butylbenzene	11.87	91	400948	37.353	ug/l	100
90) Hexachloroethane	12.12	117	72905	34.635	ug/l	100
91) 1,2-Dichlorobenzene	11.86	146	316437	51.529	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.64	75	75794	73.842	ug/l	99

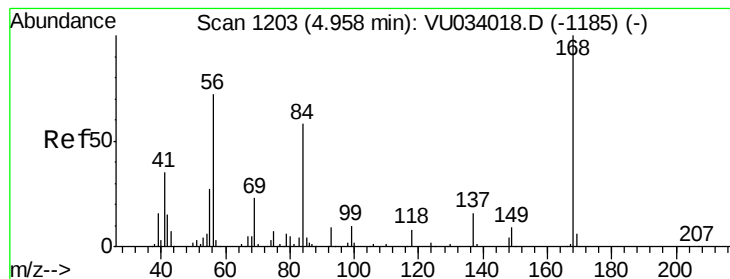
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.48	180	192593	44.224	ug/l	99
94) Hexachlorobutadiene	13.67	225	76641	31.903	ug/l	99
95) Naphthalene	13.72	128	742856	59.050	ug/l	100
96) 1,2,3-Trichlorobenzene	13.97	180	207262	52.687	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: VU034211.D

Acq: 02 Sep 2019 18:42

Instrument :

MSVOA_U

ClientSampleId :

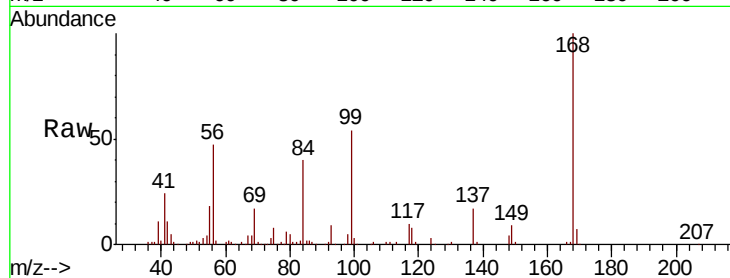
VSTDCCC050EC

Tgt Ion:168 Resp: 234367

Ion Ratio Lower Upper

168 100

99 53.4 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) (-)

120000

100000

80000

60000

40000

20000

0

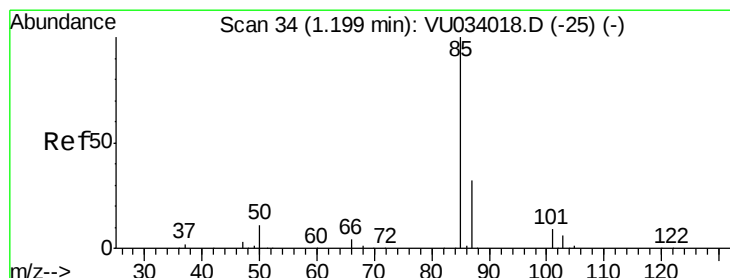
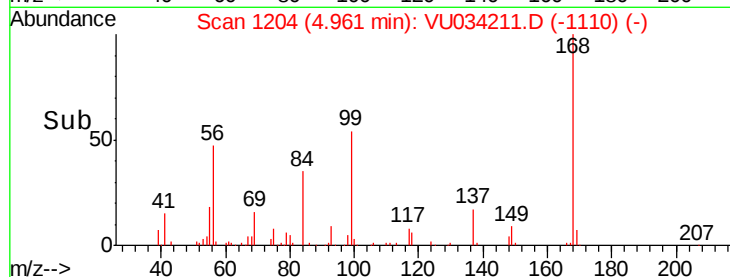
4.90

4.96

5.00

5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 33.154 ug/l

RT: 1.20 min Scan# 35

Delta R.T. 0.00 min

Lab File: VU034211.D

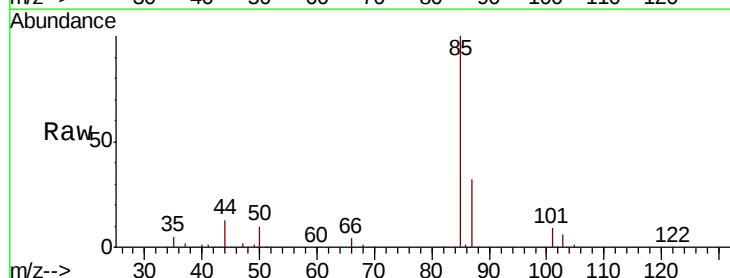
Acq: 02 Sep 2019 18:42

Tgt Ion: 85 Resp: 78146

Ion Ratio Lower Upper

85 100

87 31.7 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) (-)

80000

60000

40000

20000

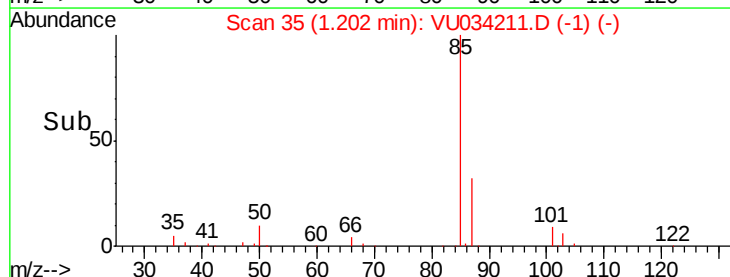
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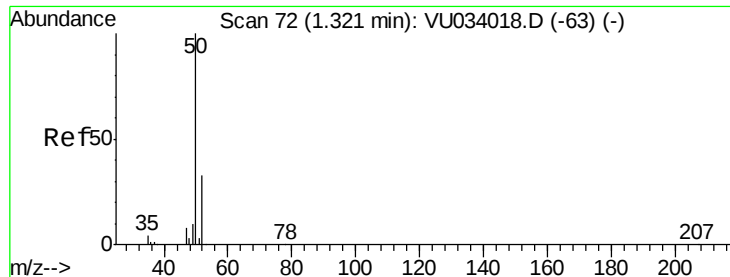
1.15

1.20

1.25

Time-->





#3

Chloromethane

Concen: 64.335 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU034211.D

Acq: 02 Sep 2019 18:42

Instrument :

MSVOA_U

ClientSampleId :

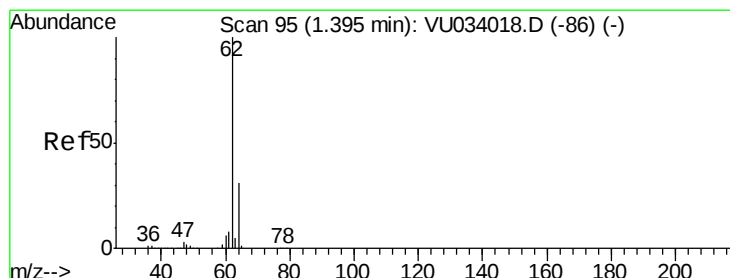
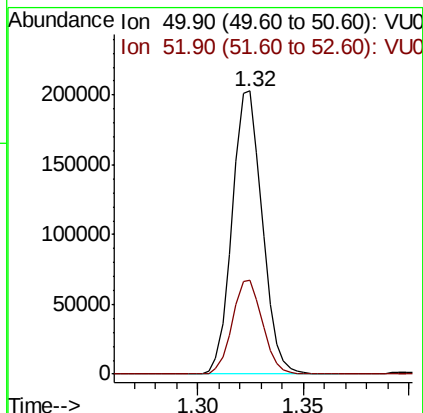
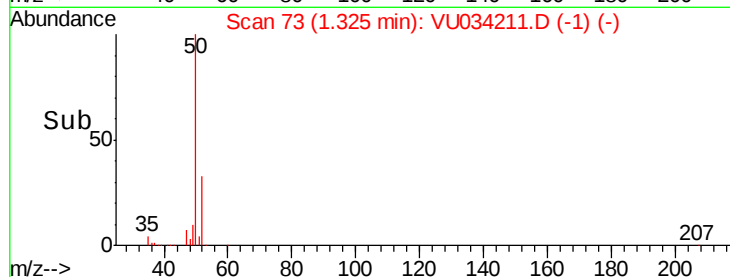
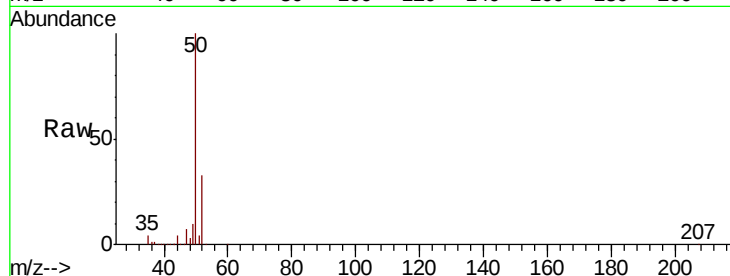
VSTDCCC050EC

Tgt Ion: 50 Resp: 200630

Ion Ratio Lower Upper

50 100

52 33.4 26.2 39.4



#4

Vinyl Chloride

Concen: 53.190 ug/l

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU034211.D

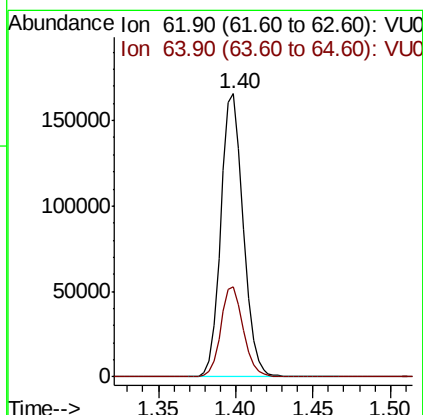
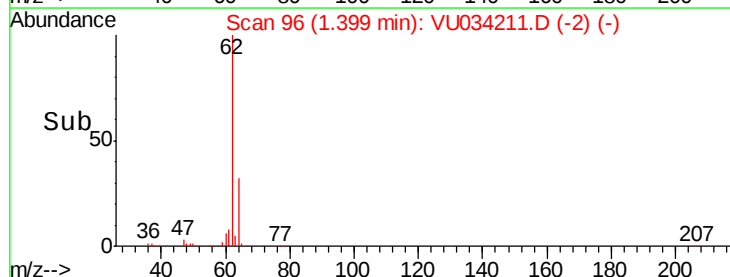
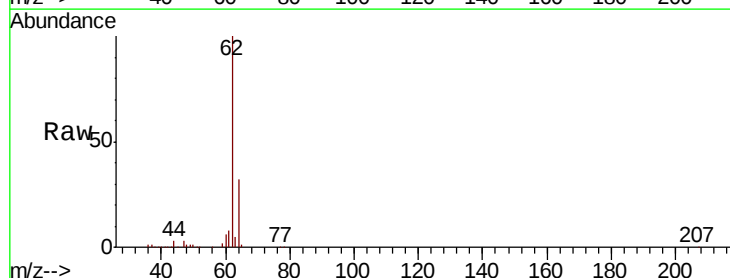
Acq: 02 Sep 2019 18:42

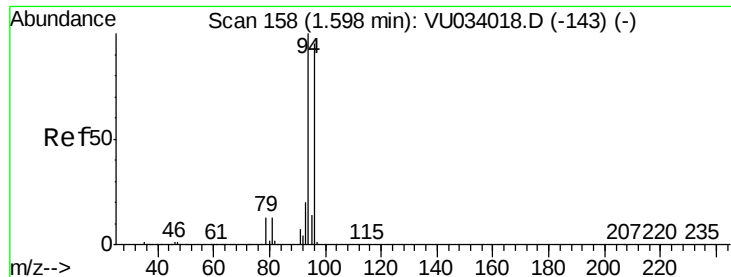
Tgt Ion: 62 Resp: 166865

Ion Ratio Lower Upper

62 100

64 31.6 25.0 37.6





#5

Bromomethane

Concen: 77.083 ug/l

RT: 1.61 min Scan# 162

Delta R.T. 0.01 min

Lab File: VU034211.D

Acq: 02 Sep 2019 18:42

Instrument :

MSVOA_U

ClientSampleId :

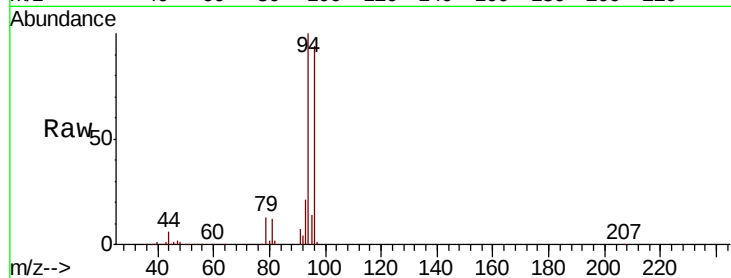
VSTDCCC050EC

Tgt Ion: 94 Resp: 111648

Ion Ratio Lower Upper

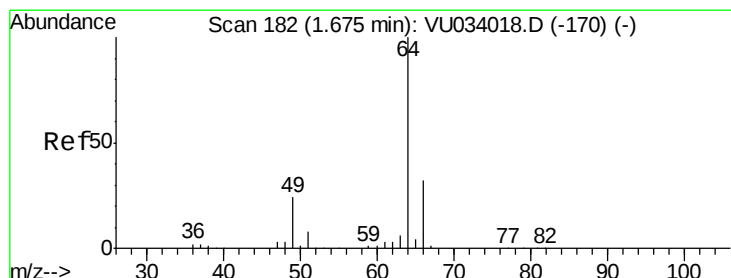
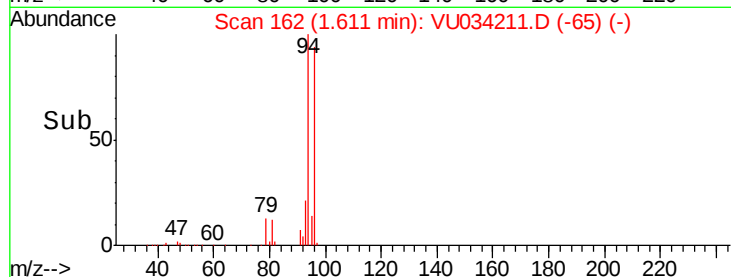
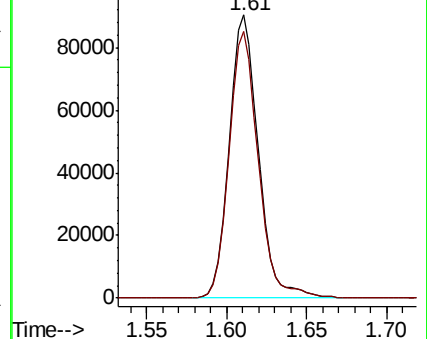
94 100

96 94.6 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VU034211.D (-65) (-)

Ion 95.90 (95.60 to 96.60): VU034211.D (-65) (-)



#6

Chloroethane

Concen: 62.687 ug/l

RT: 1.68 min Scan# 185

Delta R.T. 0.01 min

Lab File: VU034211.D

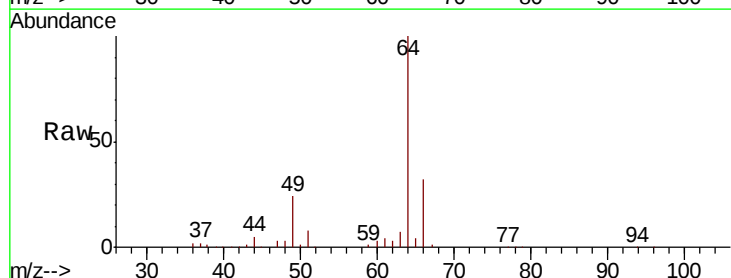
Acq: 02 Sep 2019 18:42

Tgt Ion: 64 Resp: 120229

Ion Ratio Lower Upper

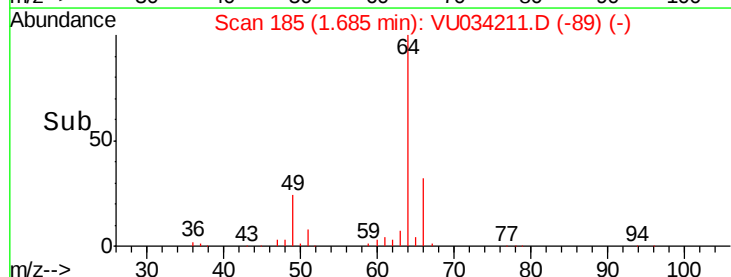
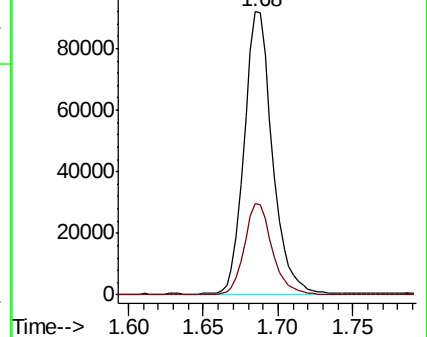
64 100

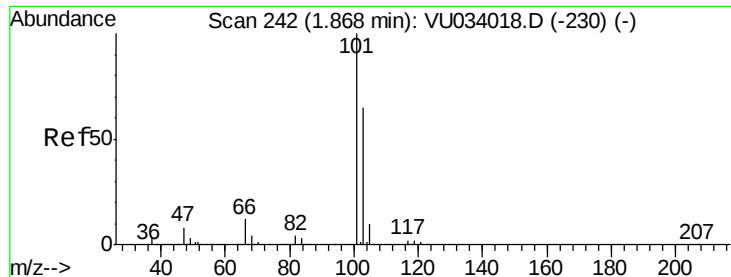
66 32.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU034211.D (-89) (-)

Ion 65.90 (65.60 to 66.60): VU034211.D (-89) (-)





#7

Trichlorofluoromethane

Concen: 40.912 ug/l

RT: 1.87 min Scan# 244

Delta R.T. 0.01 min

Lab File: VU034211.D

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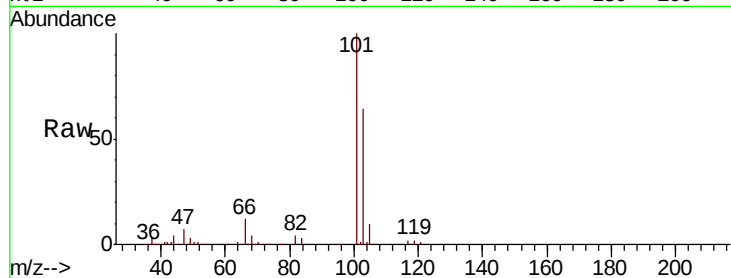
VSTDCCC050EC

Tgt Ion:101 Resp: 148716

Ion Ratio Lower Upper

101 100

103 64.3 52.1 78.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.87

120000

100000

80000

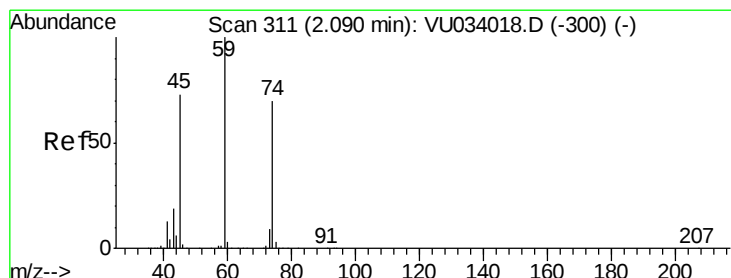
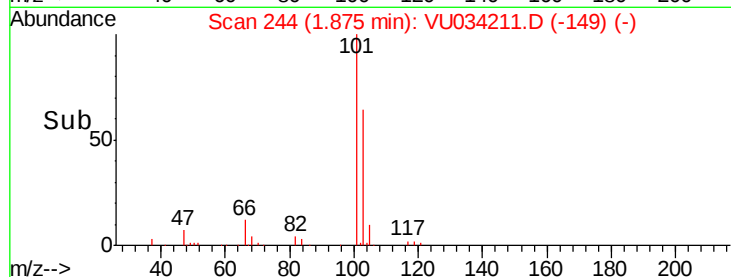
60000

40000

20000

0

Time--> 1.80 1.85 1.90 1.95



#8

Diethyl Ether

Concen: 83.150 ug/l

RT: 2.09 min Scan# 312

Delta R.T. 0.00 min

Lab File: VU034211.D

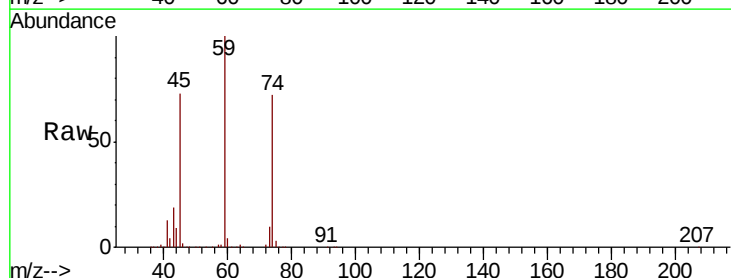
Acq: 02 Sep 2019 18:42

Tgt Ion: 74 Resp: 129299

Ion Ratio Lower Upper

74 100

45 100.6 51.8 155.5



Abundance Ion 74.00 (73.70 to 74.70): VU0

Ion 45.00 (44.70 to 45.70): VU0

2.09

100000

80000

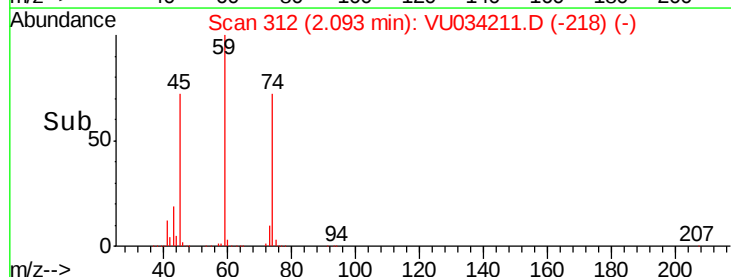
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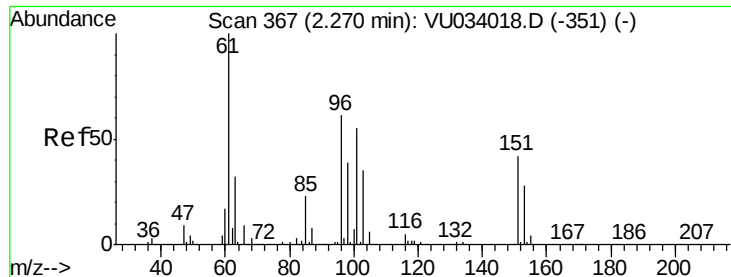
40000

20000

0

Time--> 2.05 2.10 2.15 2.20





#9

1,1,2-Trichlorotrifluoroethane

Concen: 36.500 ug/l

RT: 2.27 min Scan# 368

Delta R.T. 0.00 min

Lab File: VU034211.D

Acq: 02 Sep 2019 18:42

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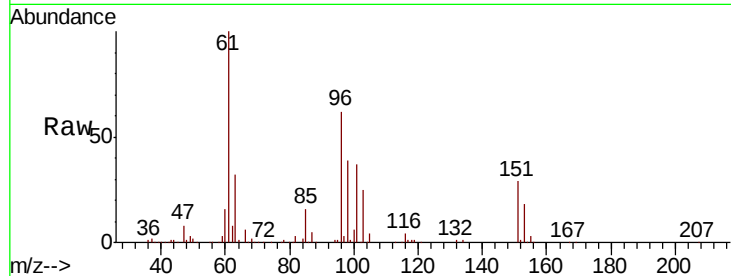
Tgt Ion:101 Resp: 84051

Ion Ratio Lower Upper

101 100

85 43.3 34.2 51.2

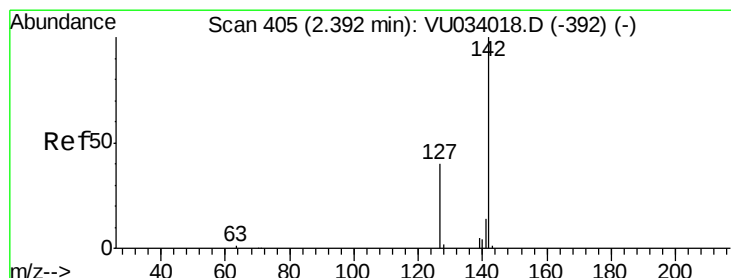
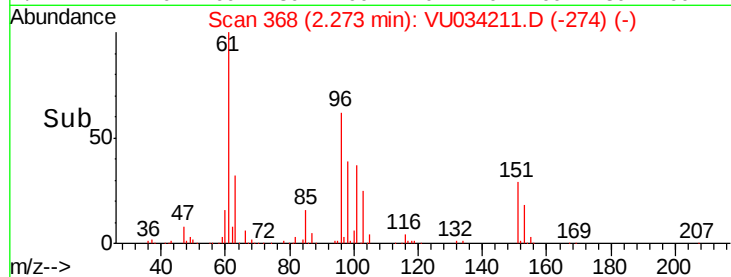
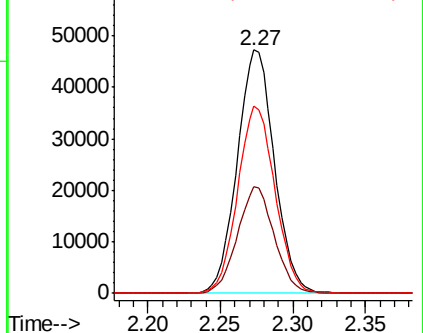
151 77.4 61.4 92.2



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: 38.745 ug/l

RT: 2.40 min Scan# 407

Delta R.T. 0.01 min

Lab File: VU034211.D

Acq: 02 Sep 2019 18:42

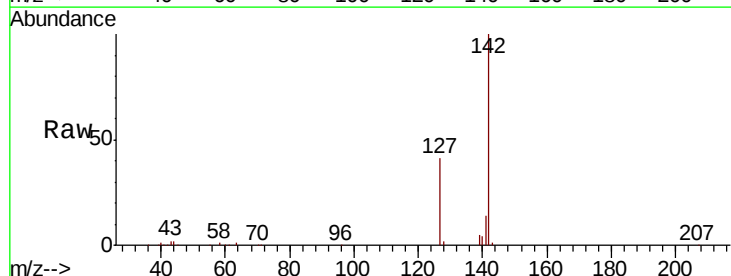
Tgt Ion:142 Resp: 126566

Ion Ratio Lower Upper

142 100

127 40.6 32.6 48.8

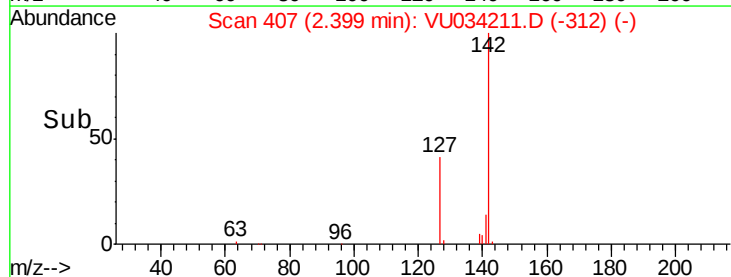
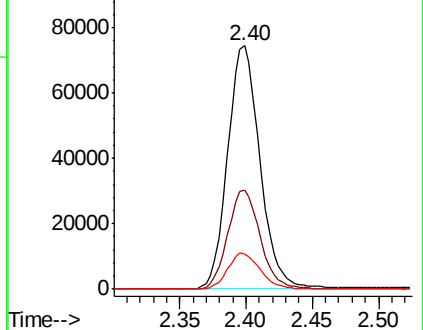
141 14.8 11.3 16.9

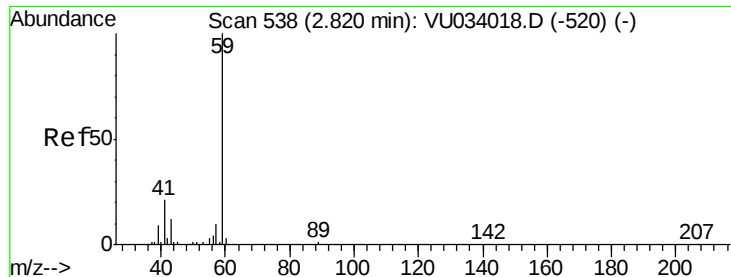


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



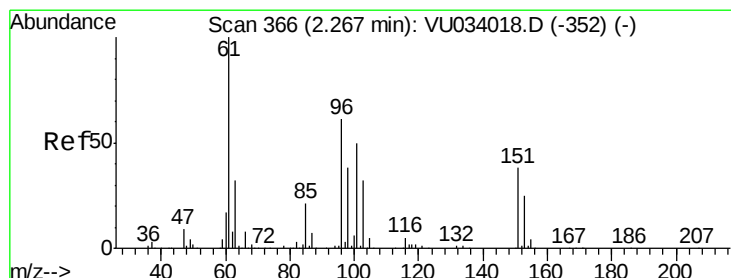
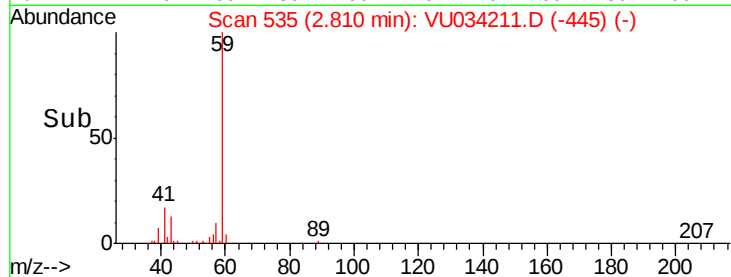
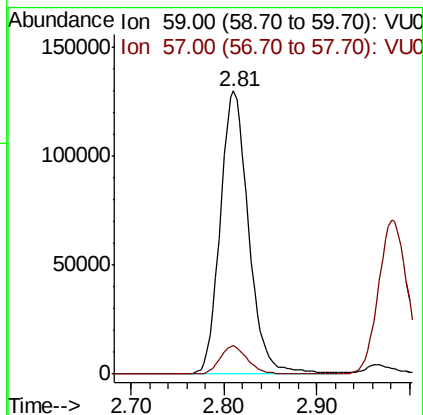
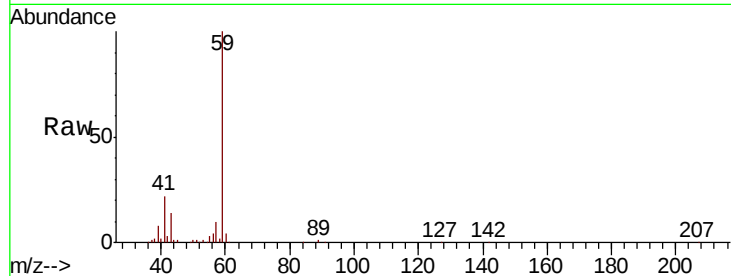


#11

Tert butyl alcohol
 Concen: 398.697 ug/l
 RT: 2.81 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VU034211.D
 Acq: 02 Sep 2019 18:42

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

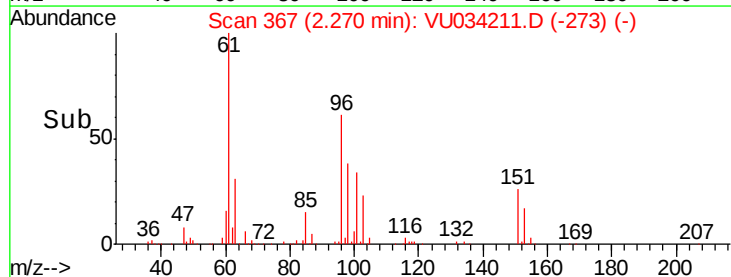
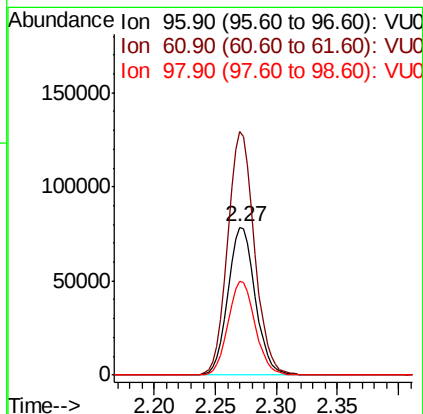
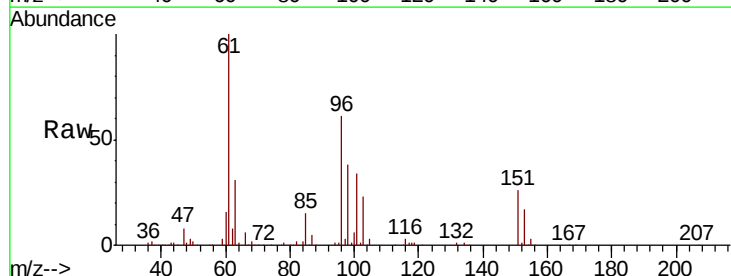
Tgt Ion: 59 Resp: 276104
 Ion Ratio Lower Upper
 59 100
 57 9.7 8.0 12.0

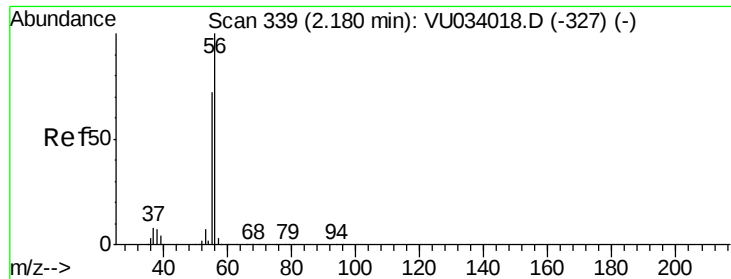


#12

1,1-Dichloroethene
 Concen: 52.559 ug/l
 RT: 2.27 min Scan# 367
 Delta R.T. 0.00 min
 Lab File: VU034211.D
 Acq: 02 Sep 2019 18:42

Tgt Ion: 96 Resp: 123317
 Ion Ratio Lower Upper
 96 100
 61 165.0 131.3 196.9
 98 63.4 50.3 75.5





#13

Acrolein

Concen: 269.996 ug/l

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VU034211.D

Acq: 02 Sep 2019 18:42

Instrument :

MSVOA_U

ClientSampleId :

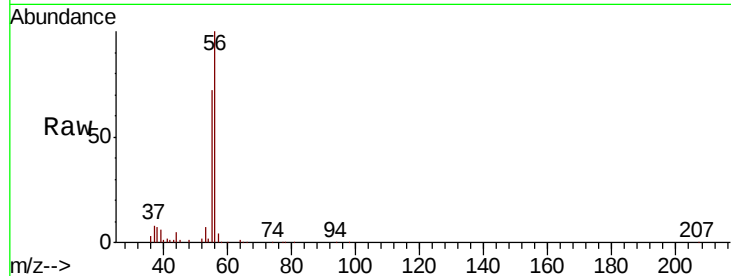
VSTDCCC050EC

Tgt Ion: 56 Resp: 78656

Ion Ratio Lower Upper

56 100

55 70.8 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

60000

50000

40000

30000

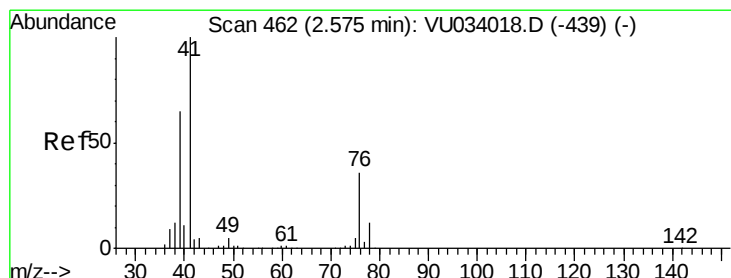
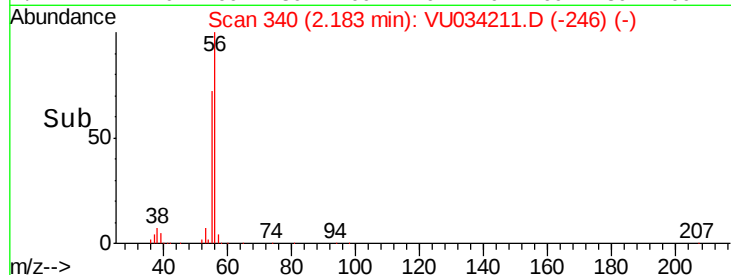
20000

10000

0

Time-->

2.10 2.15 2.20 2.25



#14

Allyl chloride

Concen: 57.987 ug/l

RT: 2.58 min Scan# 463

Delta R.T. 0.00 min

Lab File: VU034211.D

Acq: 02 Sep 2019 18:42

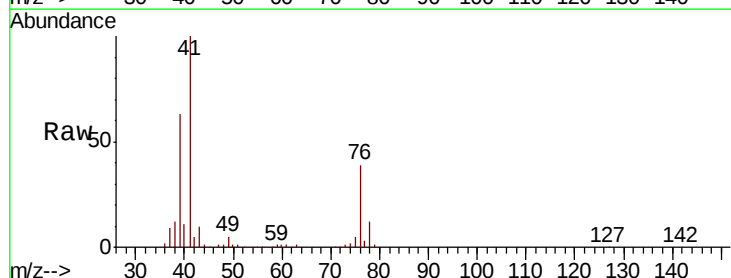
Tgt Ion: 41 Resp: 255799

Ion Ratio Lower Upper

41 100

39 64.5 46.8 70.2

76 36.8 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) (-)

200000

150000

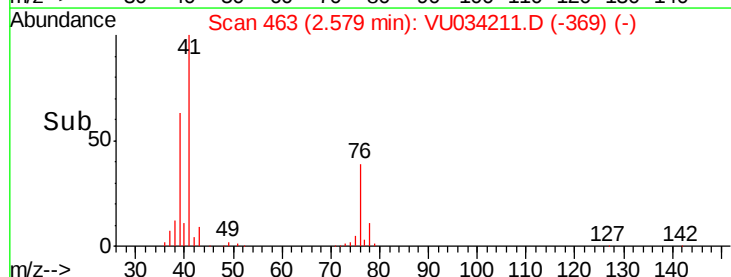
100000

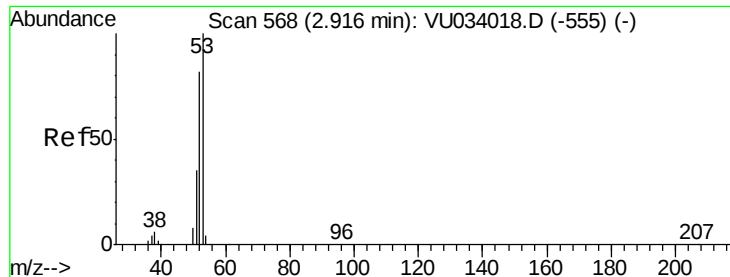
50000

0

Time-->

2.50 2.55 2.60 2.65





#15

Acrylonitrile

Concen: 447.472 ug/l

RT: 2.92 min Scan# 568

Delta R.T. -0.00 min

Lab File: VU034211.D

Acq: 02 Sep 2019 18:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

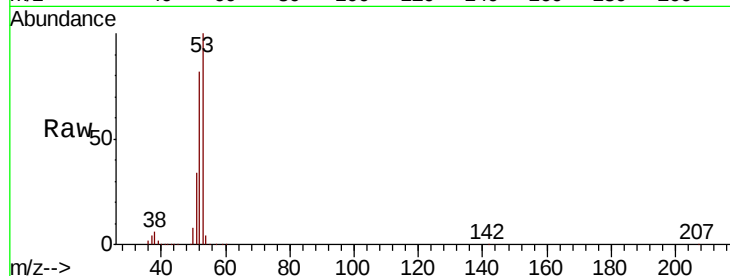
Tgt Ion: 53 Resp: 711082

Ion Ratio Lower Upper

53 100

52 82.1 65.7 98.5

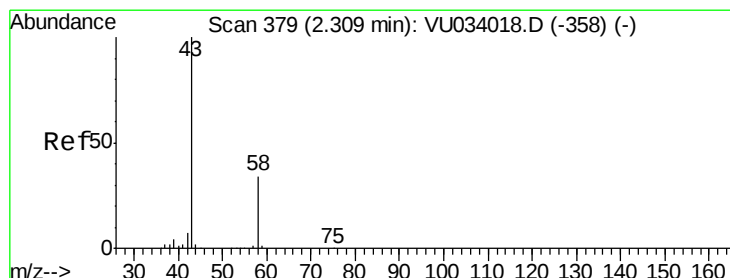
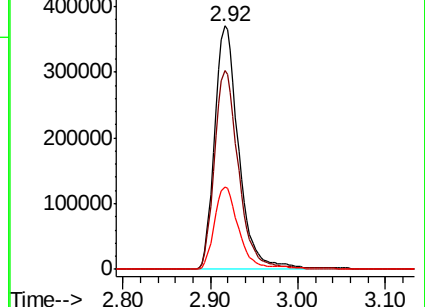
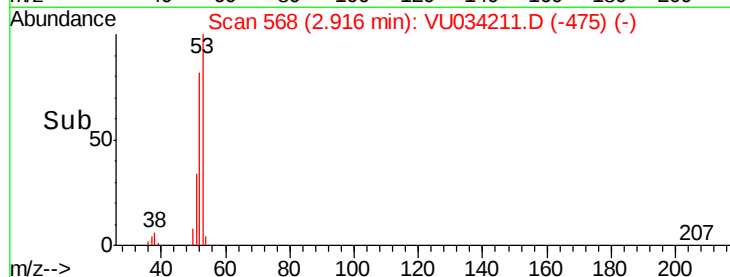
51 34.8 27.9 41.9



Abundance Ion 53.00 (52.70 to 53.70): VU034211.D (-286) (-)

Ion 52.00 (51.70 to 52.70): VU034211.D (-286) (-)

Ion 51.00 (50.70 to 51.70): VU034211.D (-286) (-)



#16

Acetone

Concen: 380.742 ug/l

RT: 2.31 min Scan# 379

Delta R.T. -0.00 min

Lab File: VU034211.D

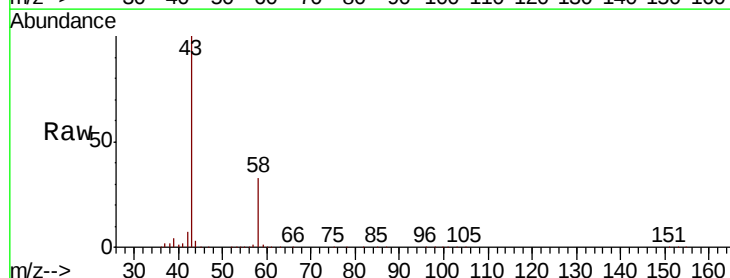
Acq: 02 Sep 2019 18:42

Tgt Ion: 43 Resp: 583405

Ion Ratio Lower Upper

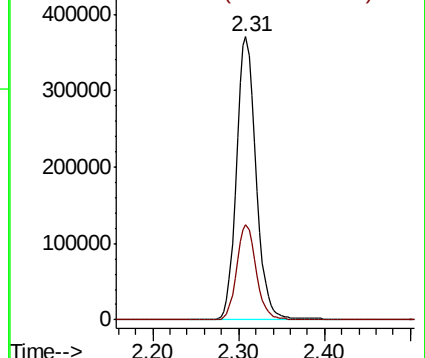
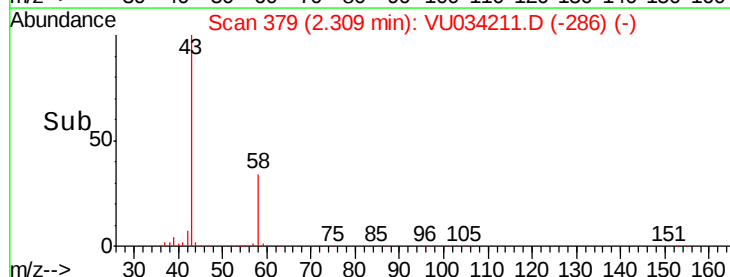
43 100

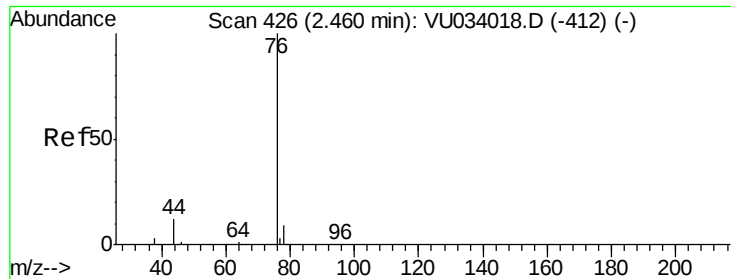
58 33.4 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VU034211.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034211.D (-286) (-)

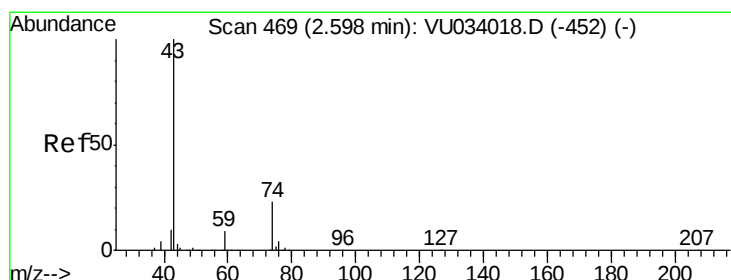
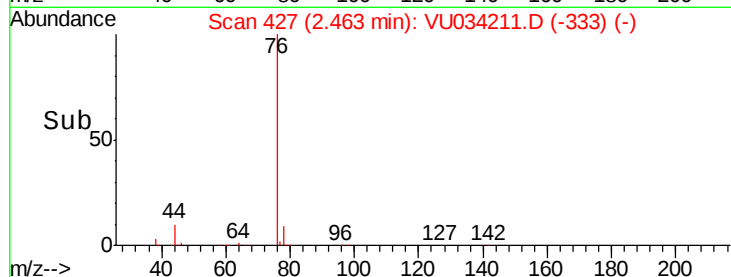
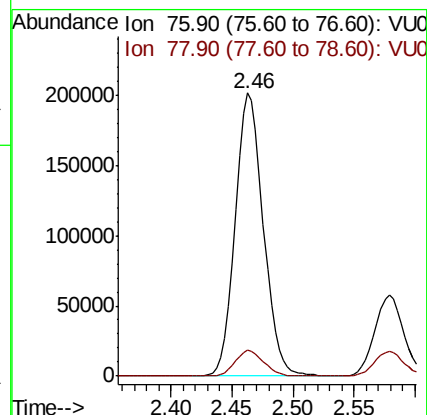
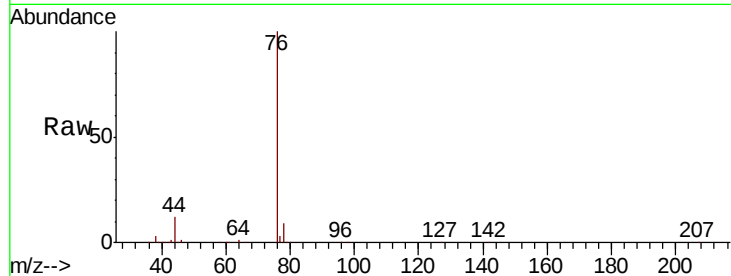




#17
Carbon Disulfide
Concen: 43.667 ug/l
RT: 2.46 min Scan# 427
Delta R.T. 0.00 min
Lab File: VU034211.D
Acq: 02 Sep 2019 18:42

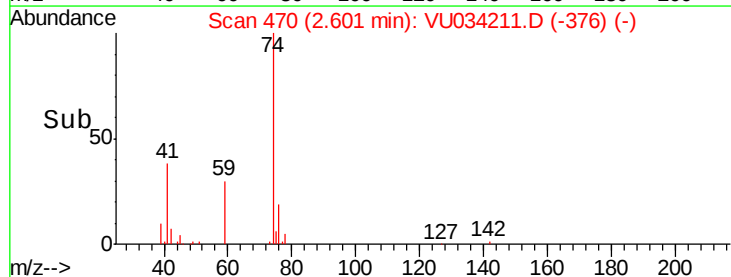
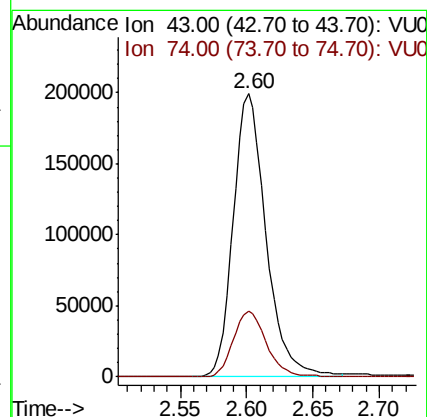
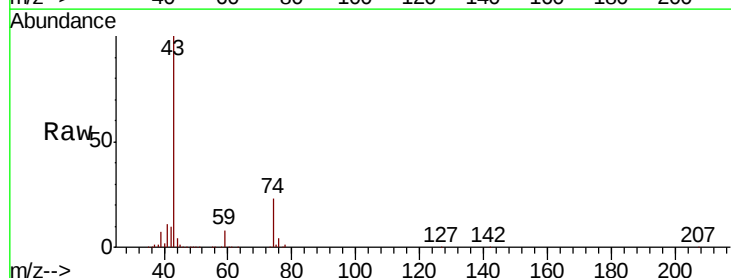
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

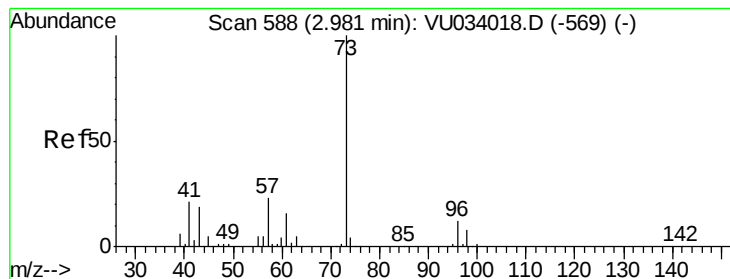
Tgt Ion: 76 Resp: 324263
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 85.841 ug/l
RT: 2.60 min Scan# 470
Delta R.T. 0.00 min
Lab File: VU034211.D
Acq: 02 Sep 2019 18:42

Tgt Ion: 43 Resp: 339905
Ion Ratio Lower Upper
43 100
74 23.8 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 87.557 ug/l

RT: 2.98 min Scan# 588

Delta R.T. -0.00 min

Lab File: VU034211.D

Acq: 02 Sep 2019 18:42

Instrument :

MSVOA_U

ClientSampleId :

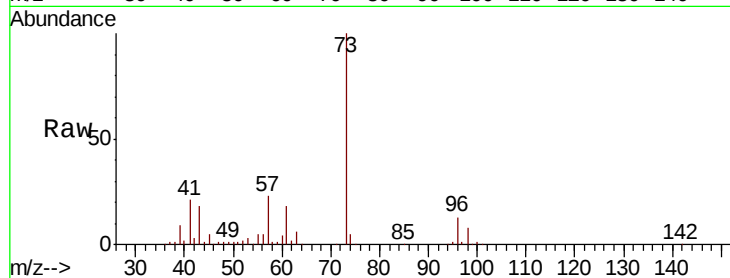
VSTDCCC050EC

Tgt Ion: 73 Resp: 673098

Ion Ratio Lower Upper

73 100

57 22.9 18.3 27.5



Abundance Ion 73.00 (72.70 to 73.70): VU034018.D (-569) (-)

Ion 57.00 (56.70 to 57.70): VU034018.D (-569) (-)

2.98

300000

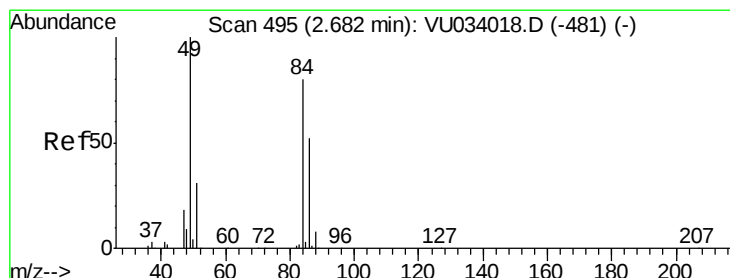
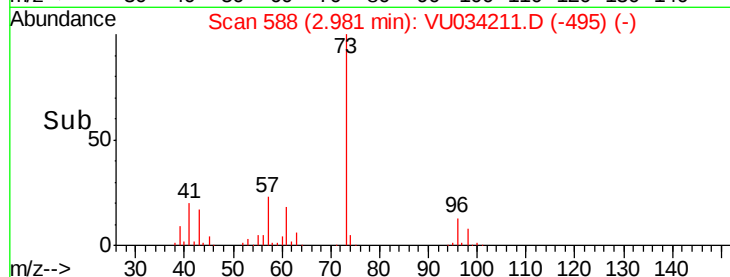
200000

100000

0

2.90 3.00 3.10

Time-->



#20

Methylene Chloride

Concen: 74.001 ug/l

RT: 2.68 min Scan# 495

Delta R.T. 0.00 min

Lab File: VU034211.D

Acq: 02 Sep 2019 18:42

Tgt Ion: 84 Resp: 214660

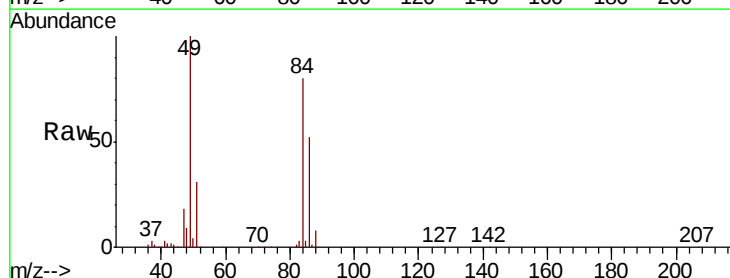
Ion Ratio Lower Upper

84 100

49 125.5 100.2 150.4

51 38.4 30.8 46.2

86 65.3 52.5 78.7



Abundance Ion 83.90 (83.60 to 84.60): VU034018.D (-481) (-)

Ion 48.90 (48.60 to 49.60): VU034018.D (-481) (-)

Ion 50.90 (50.60 to 51.60): VU034018.D (-481) (-)

Ion 85.90 (85.60 to 86.60): VU034018.D (-481) (-)

2.68

200000

150000

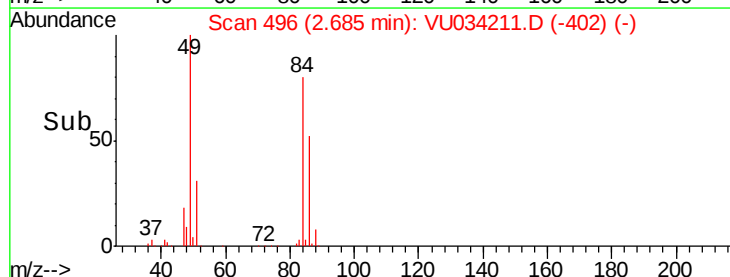
100000

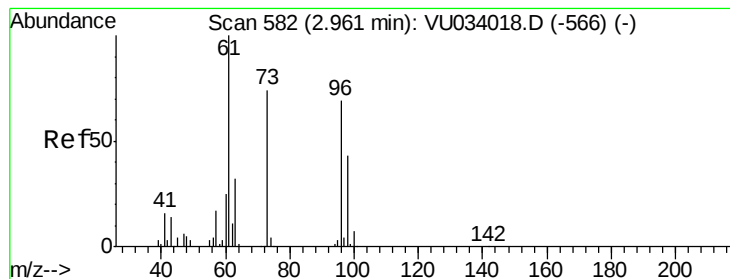
50000

0

2.60 2.65 2.70 2.75 2.80

Time-->





#21

trans-1,2-Dichloroethene

Concen: 57.939 ug/l

RT: 2.96 min Scan# 583

Delta R.T. 0.00 min

Lab File: VU034211.D

Acq: 02 Sep 2019 18:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

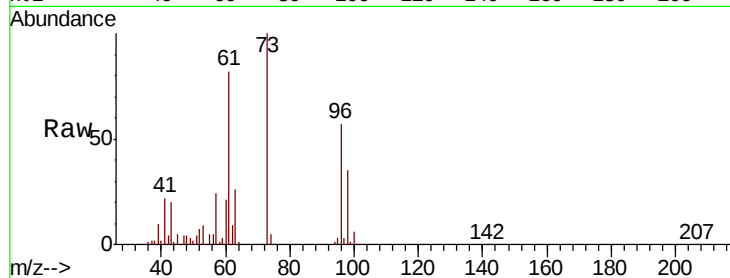
Tgt Ion: 96 Resp: 147535

Ion Ratio Lower Upper

96 100

61 144.9 115.5 173.3

98 62.0 50.1 75.1

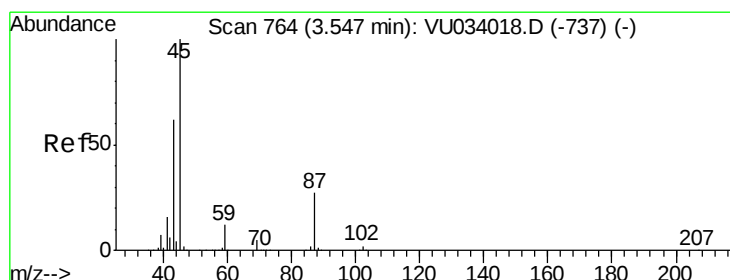
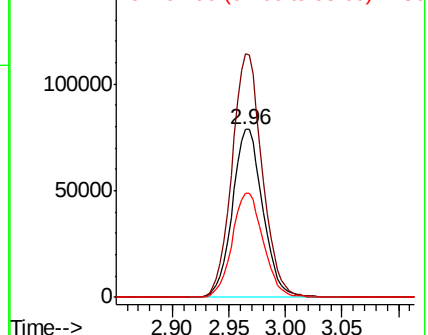
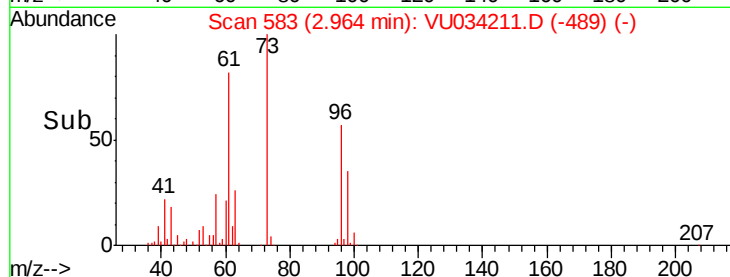


Abundance

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: 82.634 ug/l

RT: 3.55 min Scan# 765

Delta R.T. 0.00 min

Lab File: VU034211.D

Acq: 02 Sep 2019 18:42

Tgt Ion: 45 Resp: 667966

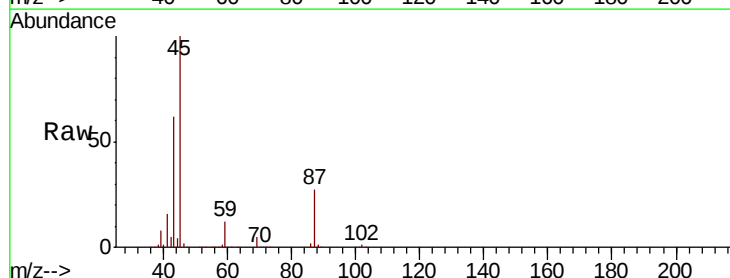
Ion Ratio Lower Upper

45 100

43 61.5 49.7 74.5

87 26.7 21.8 32.8

59 11.8 9.3 13.9



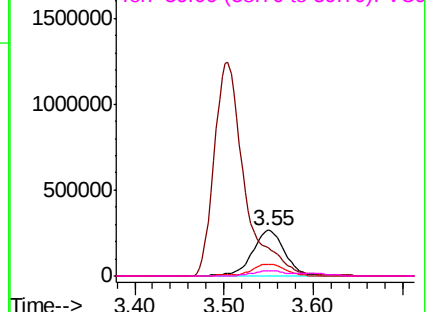
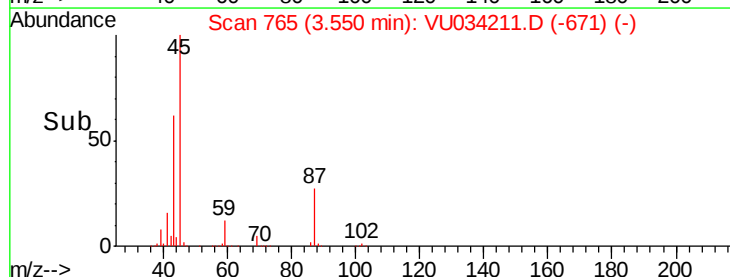
Abundance

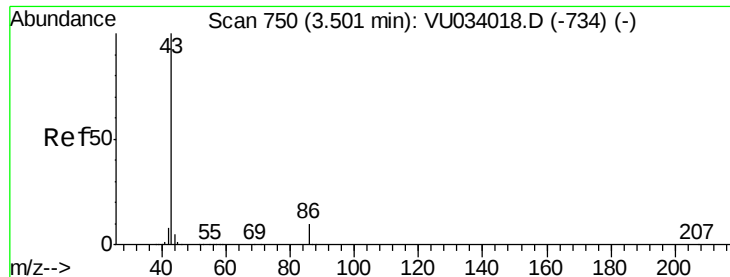
Ion 45.00 (44.70 to 45.70): VU0

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

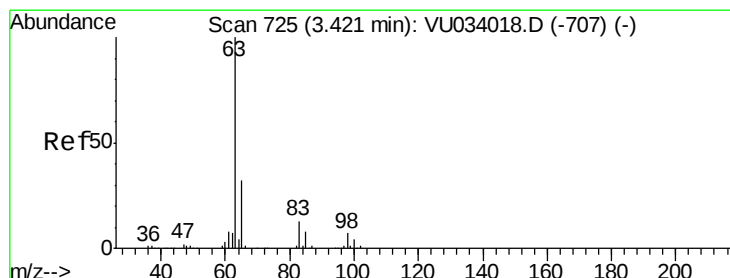
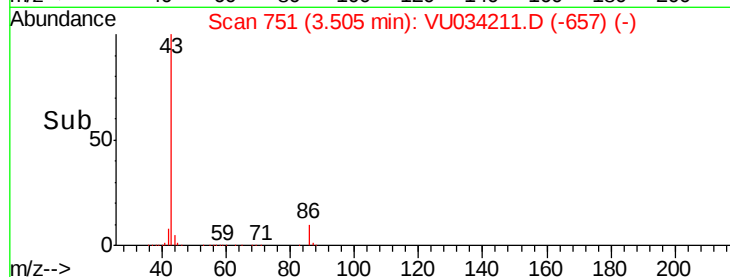
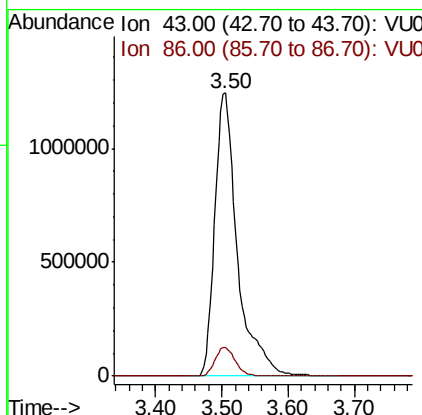
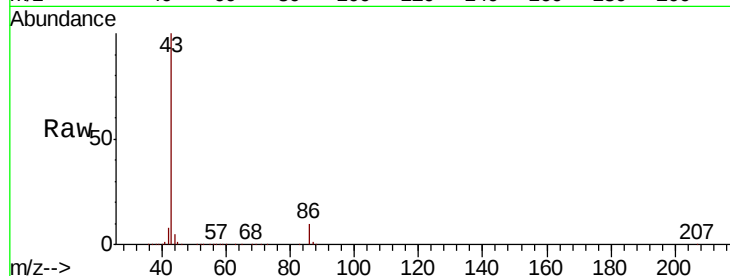




#23
 Vinyl Acetate
 Concen: 425.772 ug/l
 RT: 3.50 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: VU034211.D
 Acq: 02 Sep 2019 18:42

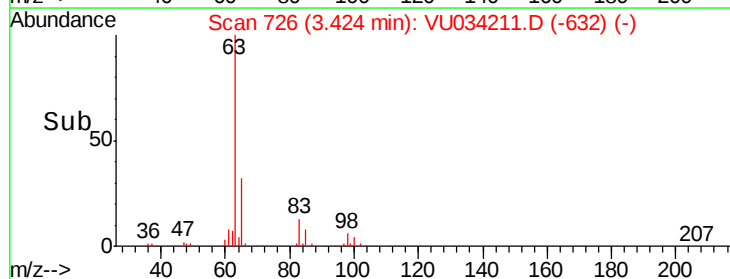
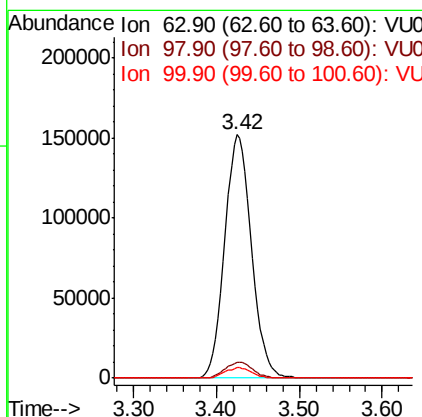
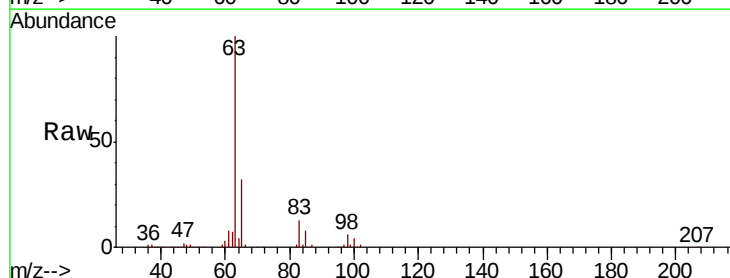
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

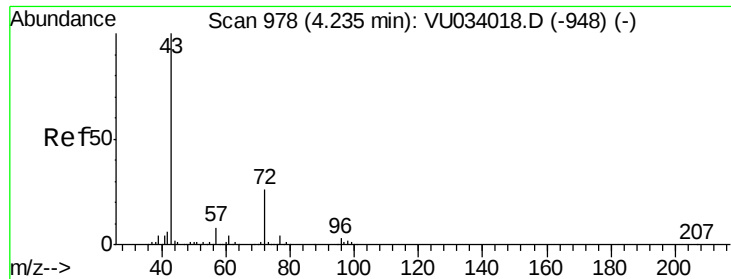
Tgt Ion: 43 Resp: 2956522
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 71.307 ug/l
 RT: 3.42 min Scan# 726
 Delta R.T. 0.00 min
 Lab File: VU034211.D
 Acq: 02 Sep 2019 18:42

Tgt Ion: 63 Resp: 340305
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.3 9.8
 100 4.2 2.0 6.0

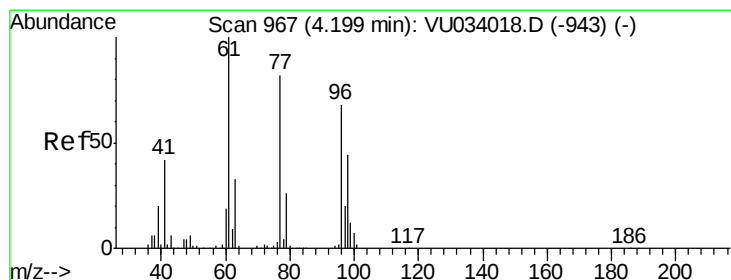
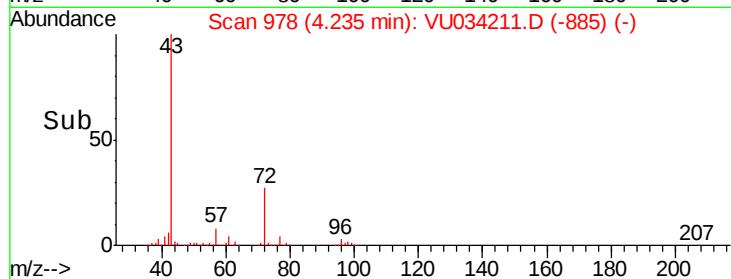
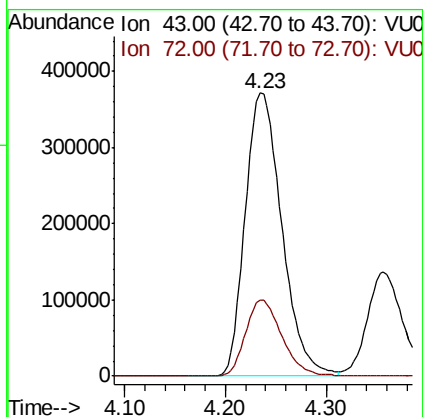
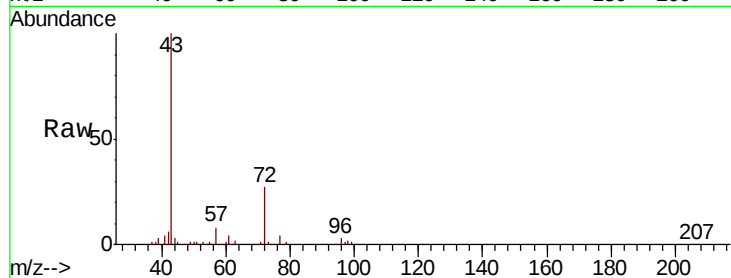




#25
 2-Butanone
 Concen: 436.607 ug/l
 RT: 4.23 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VU034211.D
 Acq: 02 Sep 2019 18:42

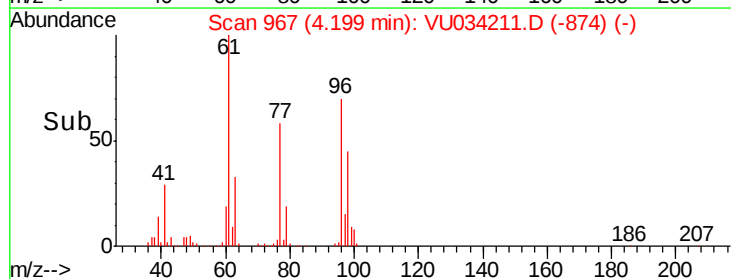
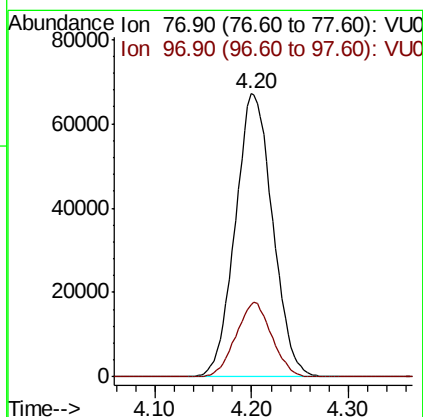
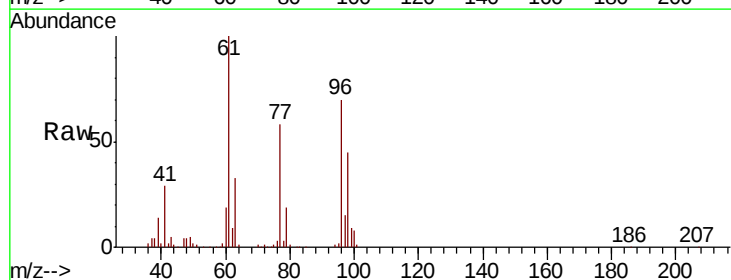
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

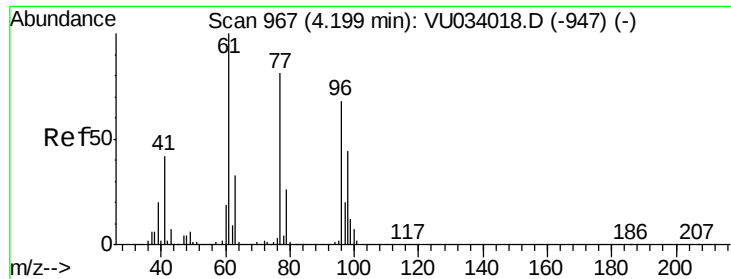
Tgt Ion: 43 Resp: 930765
 Ion Ratio Lower Upper
 43 100
 72 27.1 21.2 31.8



#26
 2,2-Dichloropropane
 Concen: 46.335 ug/l
 RT: 4.20 min Scan# 967
 Delta R.T. -0.00 min
 Lab File: VU034211.D
 Acq: 02 Sep 2019 18:42

Tgt Ion: 77 Resp: 179930
 Ion Ratio Lower Upper
 77 100
 97 25.3 11.6 34.7

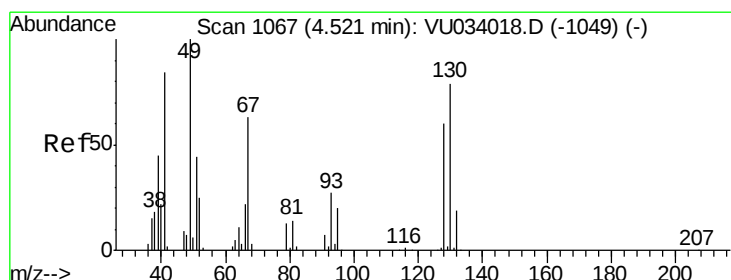
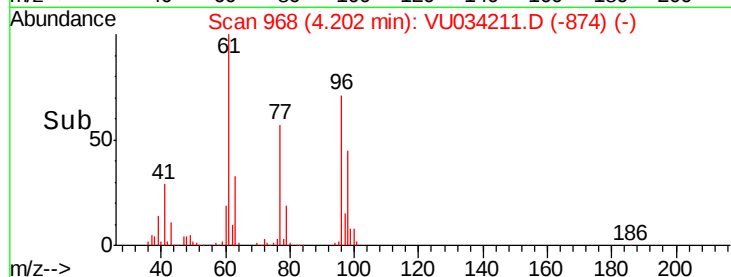
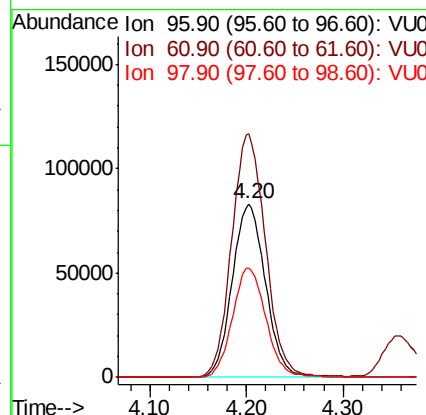
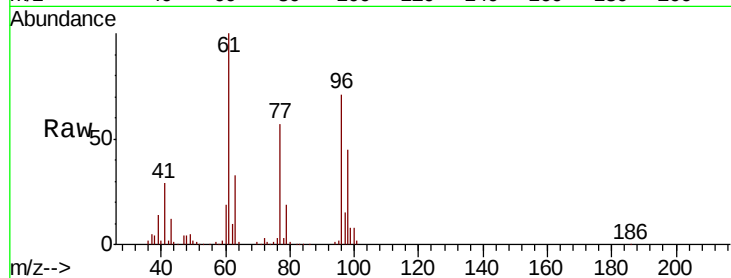




#27
 cis-1,2-Dichloroethene
 Concen: 69.546 ug/l
 RT: 4.20 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: VU034211.D
 Acq: 02 Sep 2019 18:42

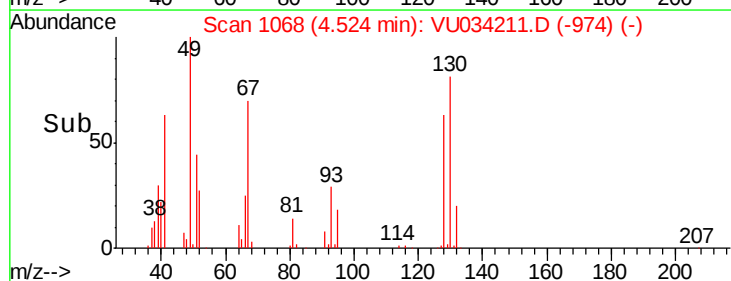
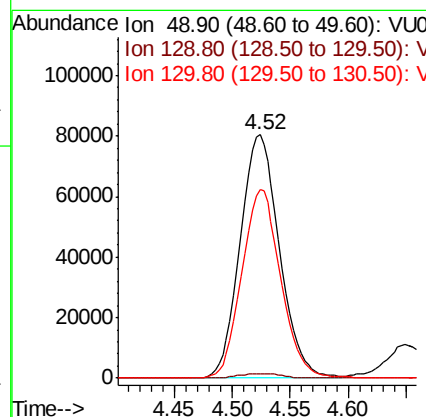
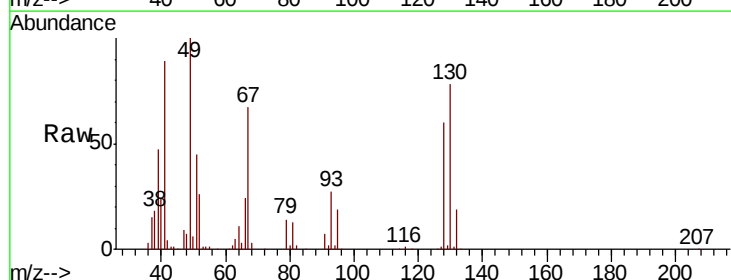
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

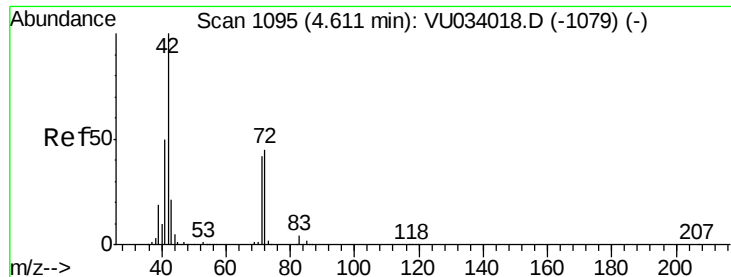
Tgt Ion: 96 Resp: 198769
 Ion Ratio Lower Upper
 96 100
 61 142.9 0.0 303.0
 98 63.6 0.0 129.2



#28
 Bromochloromethane
 Concen: 80.454 ug/l
 RT: 4.52 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VU034211.D
 Acq: 02 Sep 2019 18:42

Tgt Ion: 49 Resp: 189167
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.6
 130 76.9 62.8 94.2

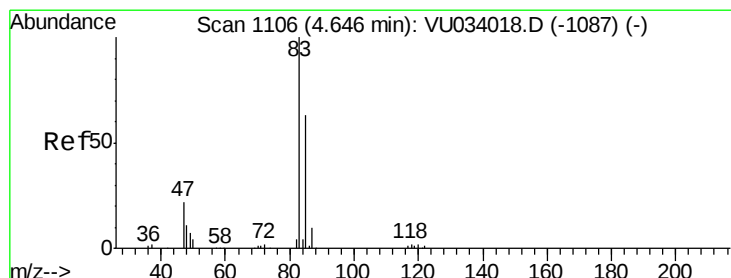
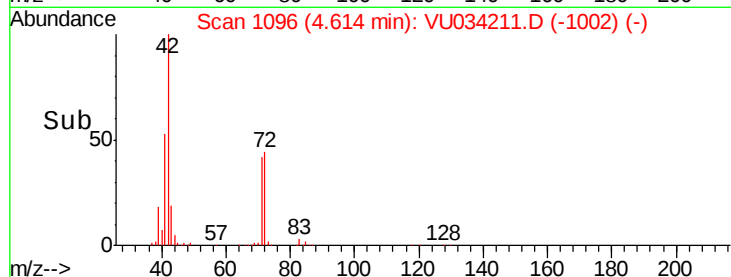
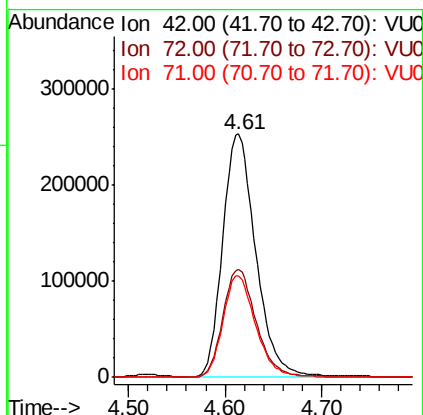
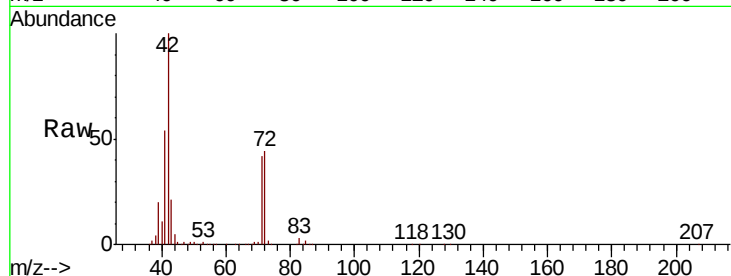




#29
Tetrahydrofuran
Concen: 455.257 ug/l
RT: 4.61 min Scan# 1096
Delta R.T. 0.00 min
Lab File: VU034211.D
Acq: 02 Sep 2019 18:42

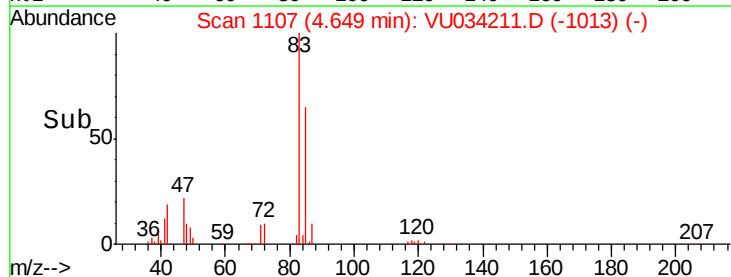
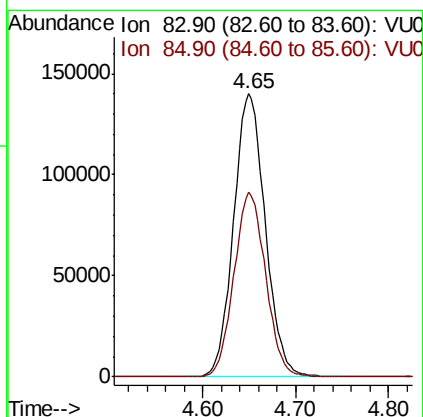
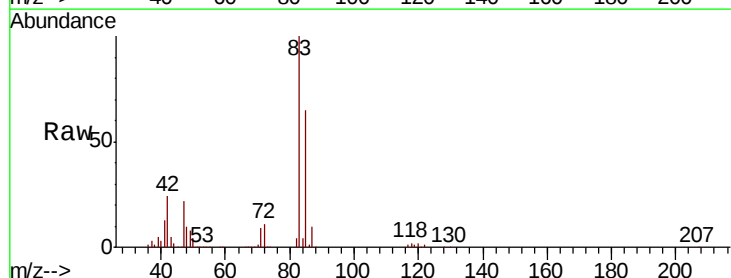
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

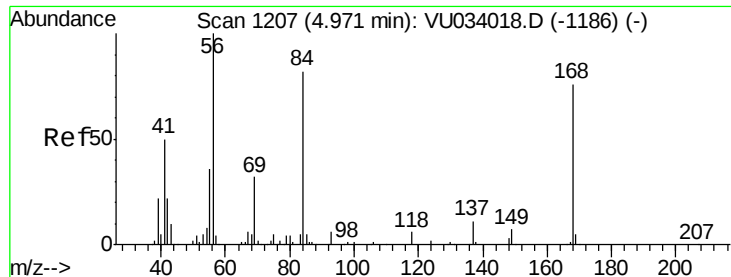
Tgt Ion: 42 Resp: 598521
Ion Ratio Lower Upper
42 100
72 45.0 35.8 53.6
71 41.5 34.0 51.0



#30
Chloroform
Concen: 69.599 ug/l
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU034211.D
Acq: 02 Sep 2019 18:42

Tgt Ion: 83 Resp: 331397
Ion Ratio Lower Upper
83 100
85 65.1 50.7 76.1

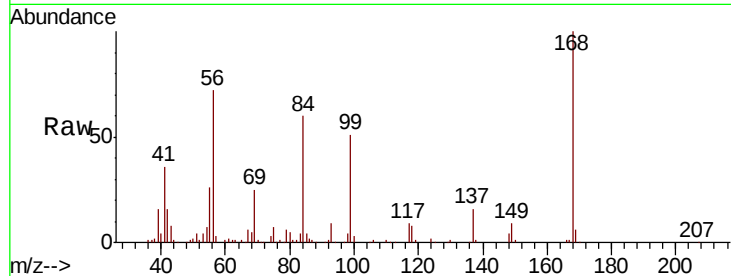




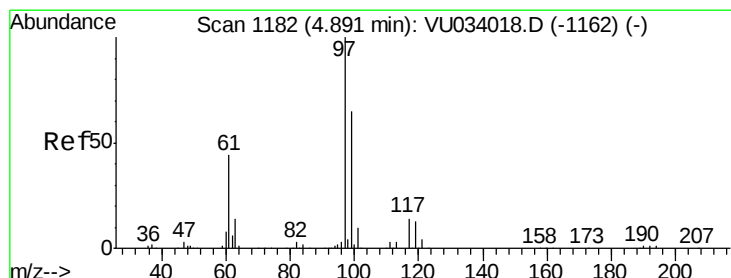
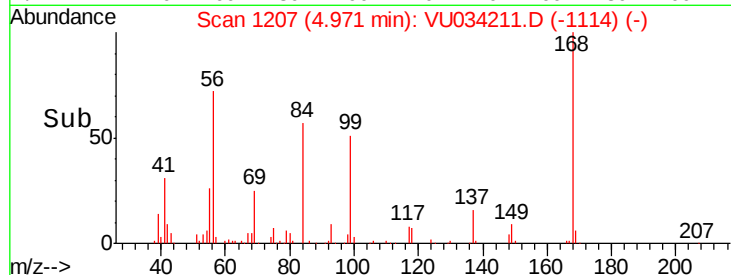
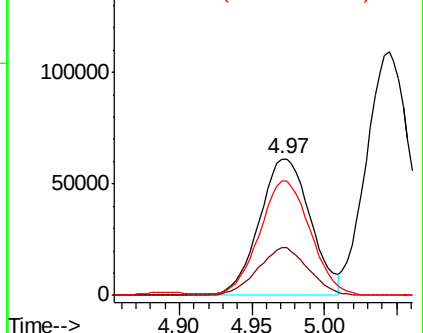
#31
Cyclohexane
Concen: 33.472 ug/l
RT: 4.97 min Scan# 1207
Delta R.T. -0.00 min
Lab File: VU034211.D
Acq: 02 Sep 2019 18:42

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 150102
Ion Ratio Lower Upper
56 100
69 34.9 25.4 38.0
84 81.7 65.8 98.8

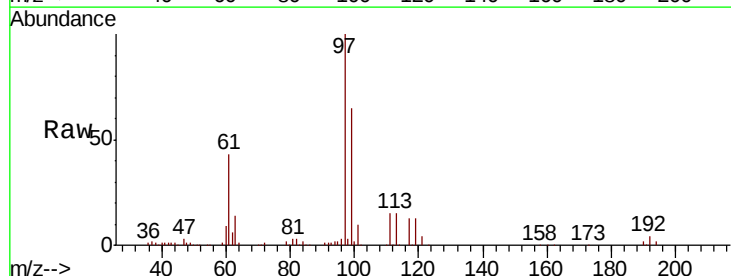


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

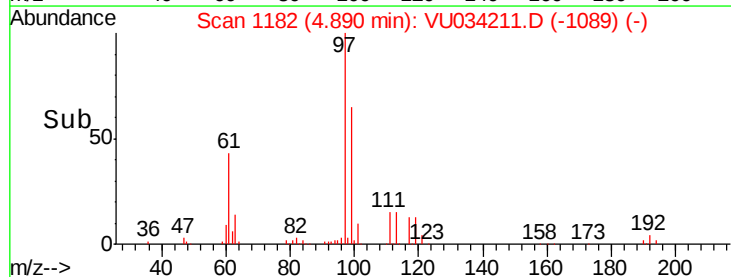
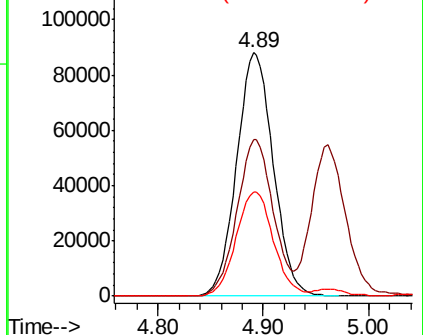


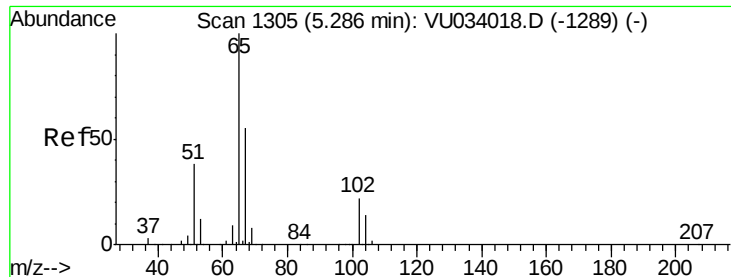
#32
1,1,1-Trichloroethane
Concen: 54.449 ug/l
RT: 4.89 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VU034211.D
Acq: 02 Sep 2019 18:42

Tgt Ion: 97 Resp: 212335
Ion Ratio Lower Upper
97 100
99 64.0 51.8 77.6
61 43.8 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

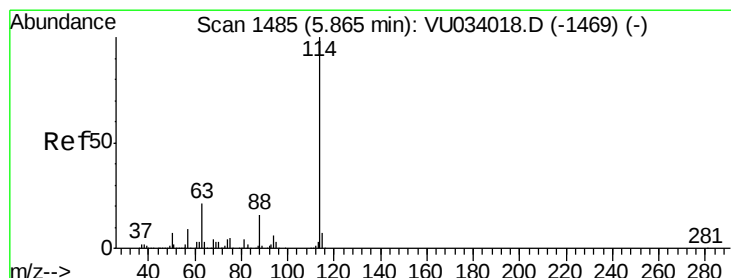
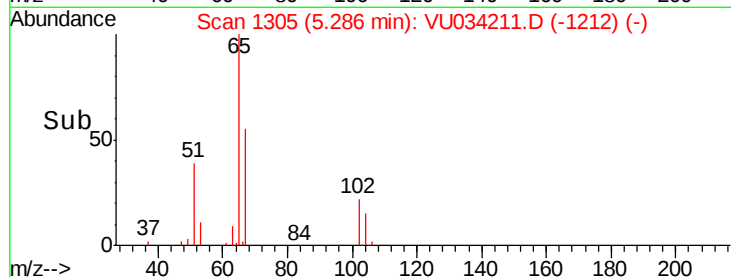
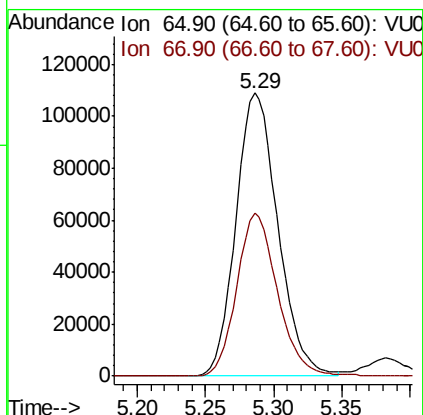
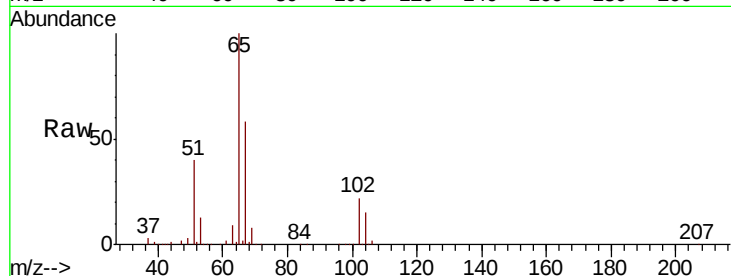




#33
 1,2-Dichloroethane-d4
 Concen: 77.589 ug/l
 RT: 5.29 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: VU034211.D
 Acq: 02 Sep 2019 18:42

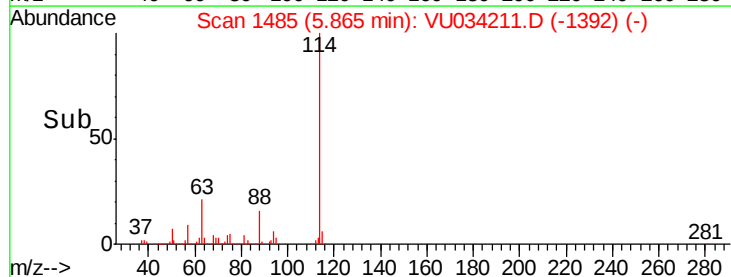
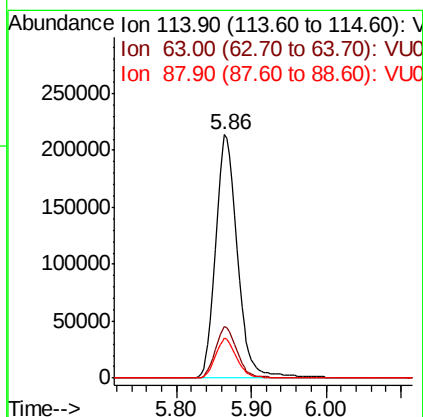
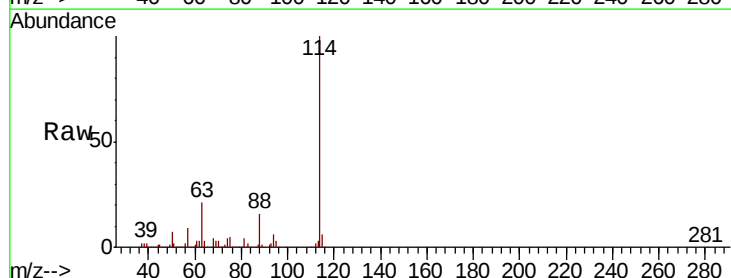
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

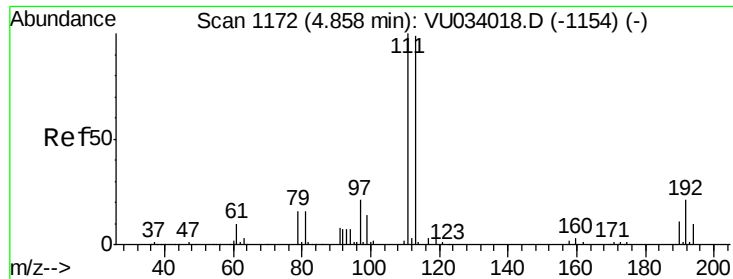
Tgt Ion: 65 Resp: 233003
 Ion Ratio Lower Upper
 65 100
 67 56.0 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VU034211.D
 Acq: 02 Sep 2019 18:42

Tgt Ion: 114 Resp: 435769
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 42.0
 88 16.4 0.0 32.0

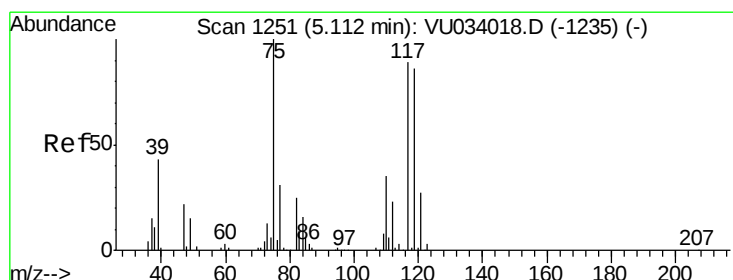
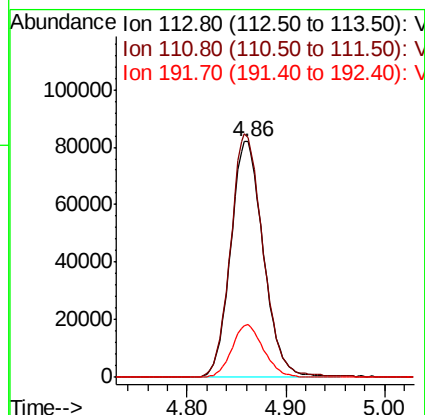
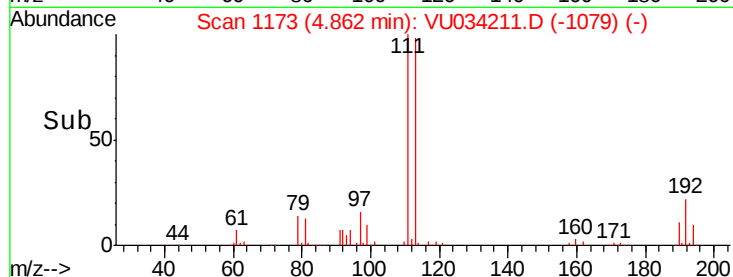
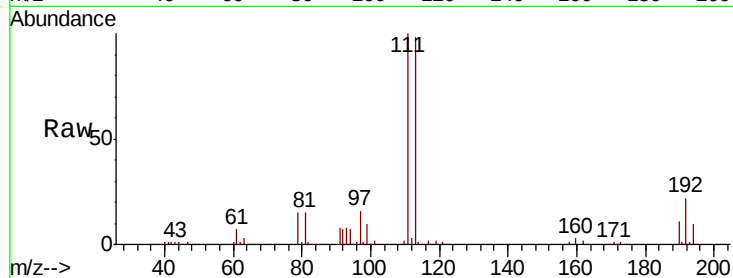




#35
 Dibromofluoromethane
 Concen: 62.752 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034211.D
 Acq: 02 Sep 2019 18:42

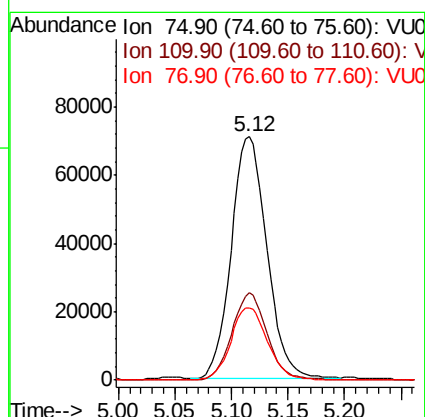
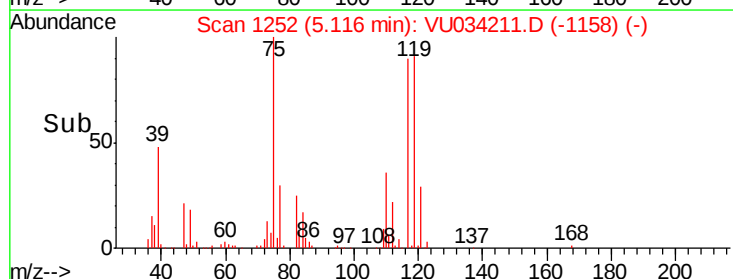
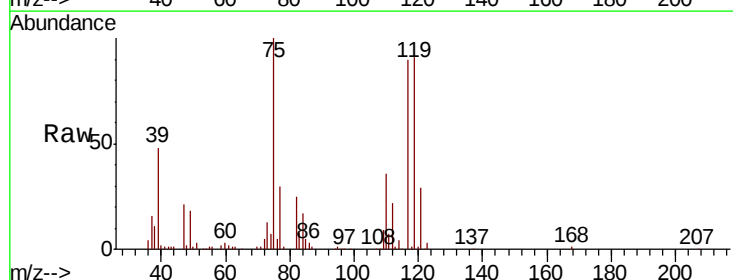
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

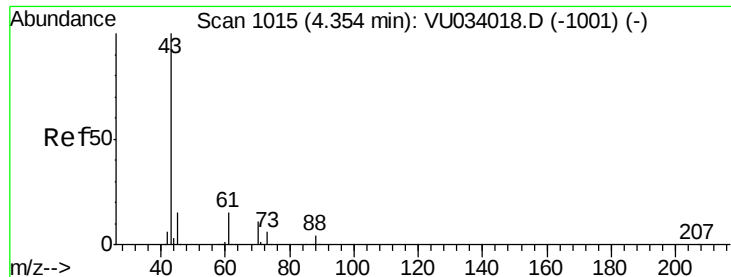
Tgt Ion:113 Resp: 189664
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.7 122.5
 192 21.6 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 37.772 ug/l
 RT: 5.12 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VU034211.D
 Acq: 02 Sep 2019 18:42

Tgt Ion: 75 Resp: 155689
 Ion Ratio Lower Upper
 75 100
 110 35.8 17.8 53.5
 77 30.2 25.0 37.4

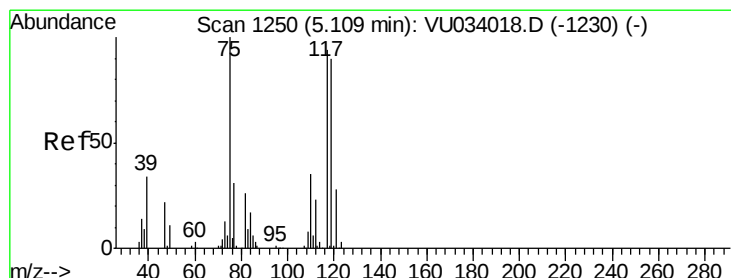
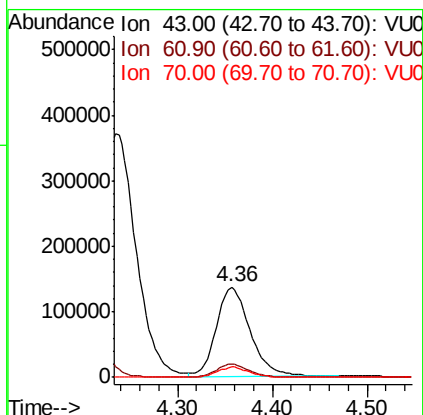
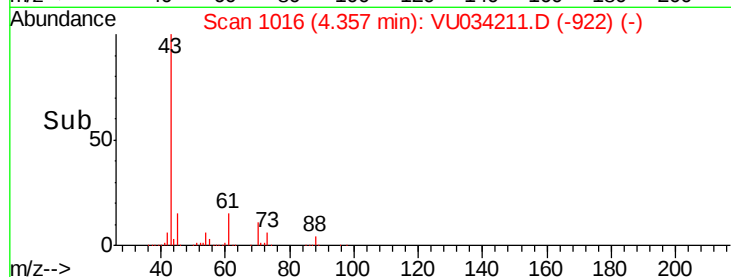
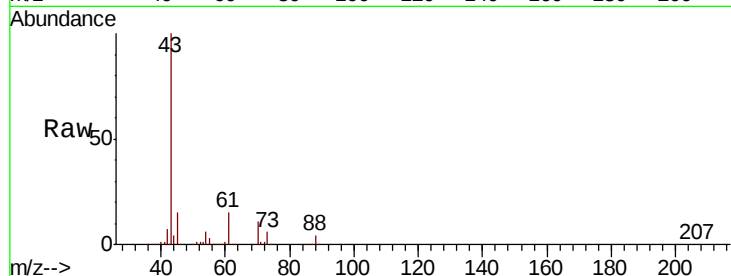




#37
Ethyl Acetate
Concen: 73.121 ug/l
RT: 4.36 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VU034211.D
Acq: 02 Sep 2019 18:42

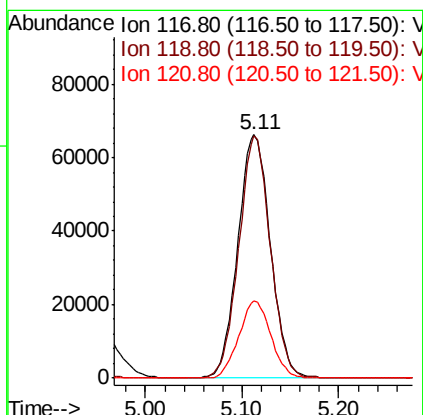
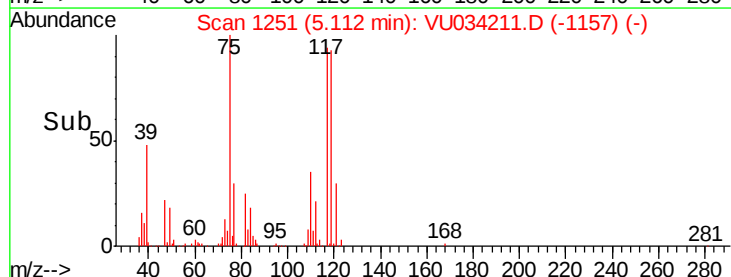
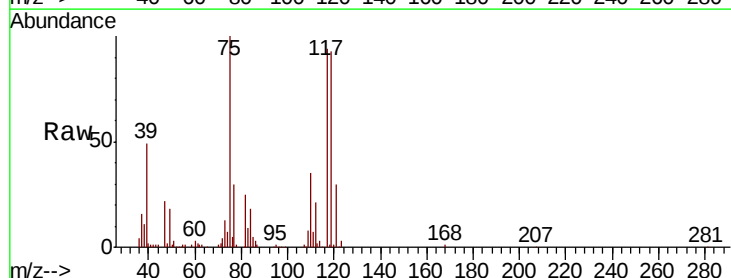
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

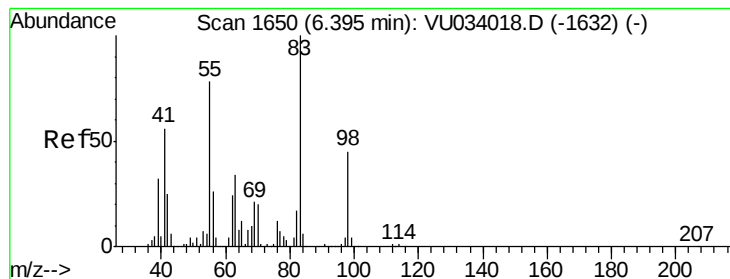
Tgt Ion: 43 Resp: 337504
Ion Ratio Lower Upper
43 100
61 14.4 11.5 17.3
70 11.0 8.6 12.8



#38
Carbon Tetrachloride
Concen: 39.012 ug/l
RT: 5.11 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VU034211.D
Acq: 02 Sep 2019 18:42

Tgt Ion: 117 Resp: 155215
Ion Ratio Lower Upper
117 100
119 99.6 77.0 115.4
121 31.6 23.9 35.9





#39

Methylcyclohexane

Concen: 28.126 ug/l

RT: 6.40 min Scan# 1650

Delta R.T. -0.00 min

Lab File: VU034211.D

Acq: 02 Sep 2019 18:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

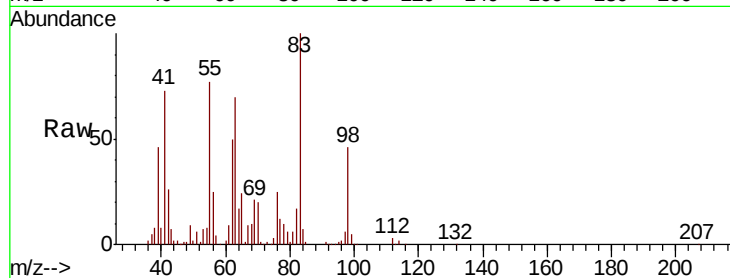
Tgt Ion: 83 Resp: 136639

Ion Ratio Lower Upper

83 100

55 77.4 62.3 93.5

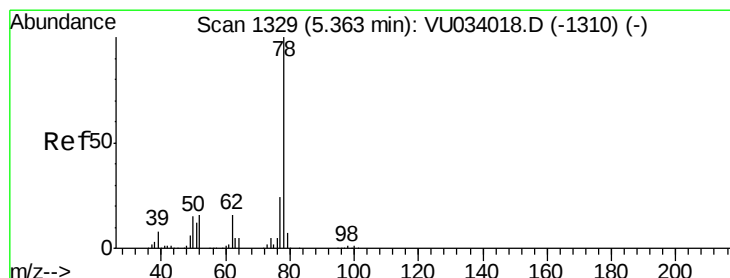
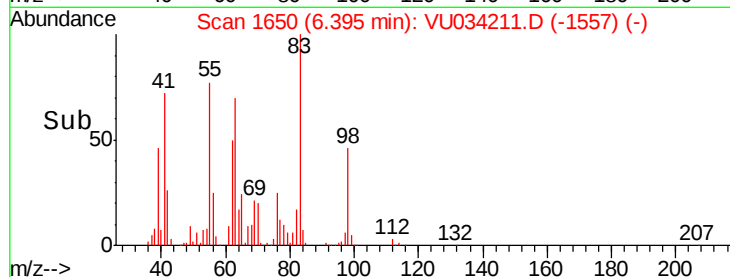
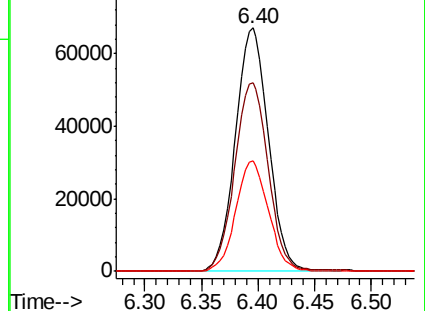
98 45.6 36.2 54.2



Abundance Ion 83.00 (82.70 to 83.70): VU034018.D (-1632) (-)

Ion 55.00 (54.70 to 55.70): VU034018.D (-1632) (-)

Ion 98.00 (97.70 to 98.70): VU034018.D (-1632) (-)



#40

Benzene

Concen: 53.917 ug/l

RT: 5.37 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VU034211.D

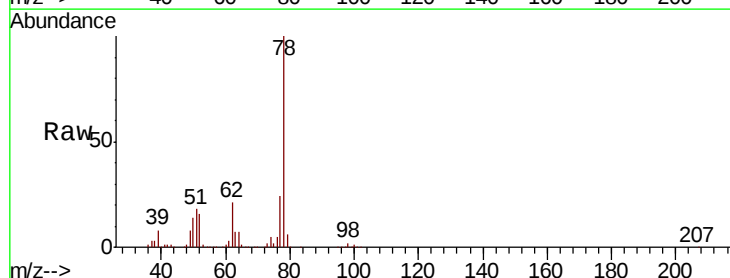
Acq: 02 Sep 2019 18:42

Tgt Ion: 78 Resp: 672383

Ion Ratio Lower Upper

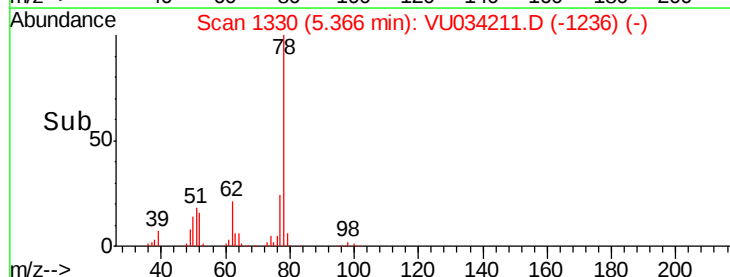
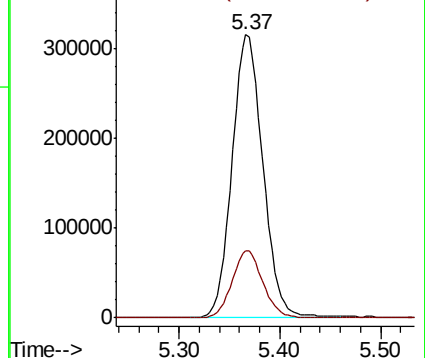
78 100

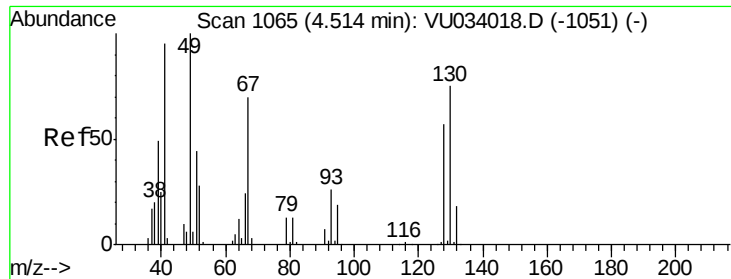
77 23.9 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VU034018.D (-1310) (-)

Ion 77.00 (76.70 to 77.70): VU034018.D (-1310) (-)

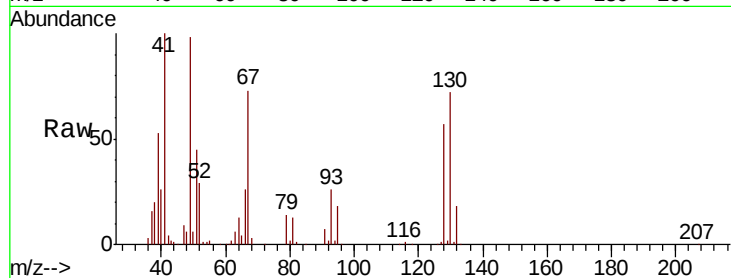




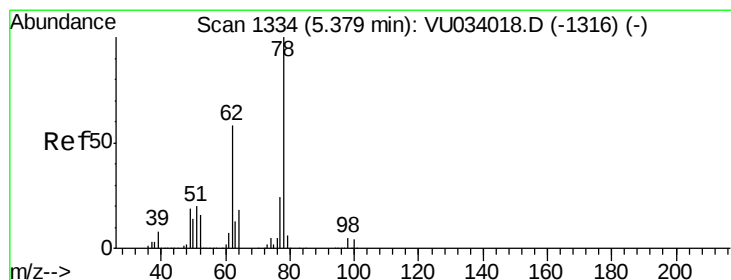
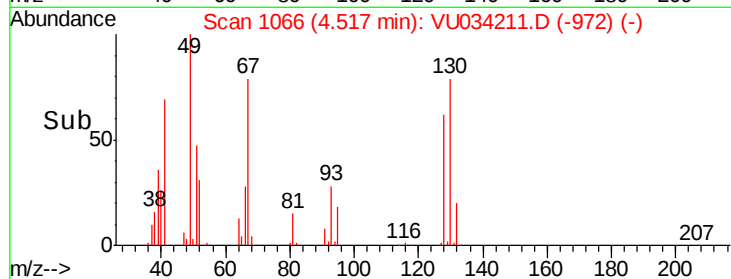
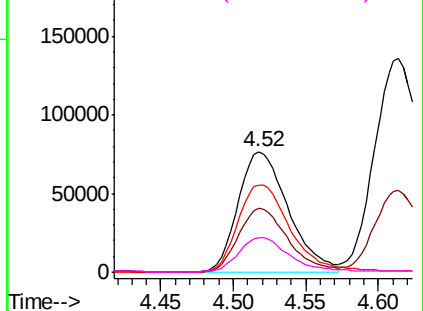
#41
Methacrylonitrile
Concen: 77.736 ug/l
RT: 4.52 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VU034211.D
Acq: 02 Sep 2019 18:42

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 184016
Ion Ratio Lower Upper
41 100
39 52.0 42.1 63.1
67 76.7 61.0 91.4
52 28.6 23.3 34.9

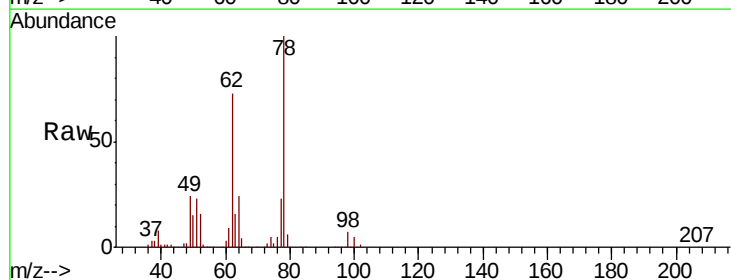


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

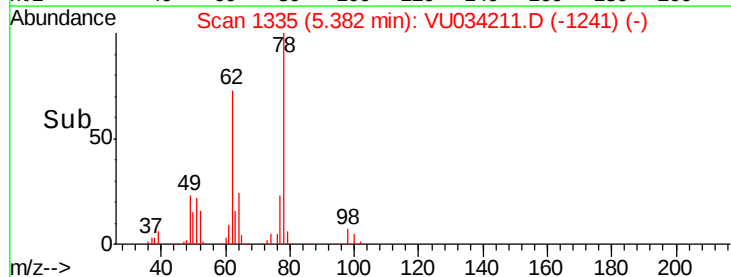
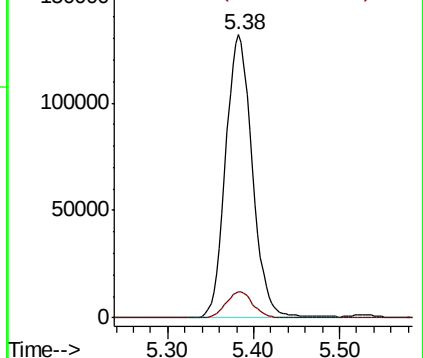


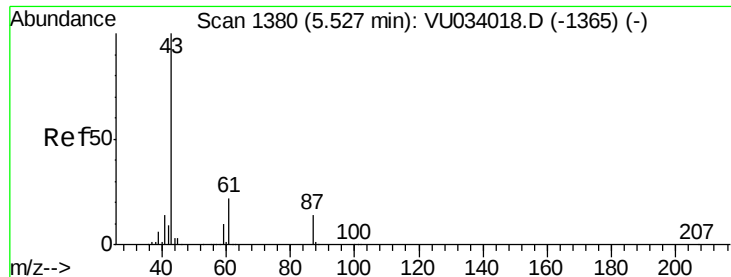
#42
1,2-Dichloroethane
Concen: 66.019 ug/l
RT: 5.38 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VU034211.D
Acq: 02 Sep 2019 18:42

Tgt Ion: 62 Resp: 284301
Ion Ratio Lower Upper
62 100
98 9.4 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: 73.509 ug/l

RT: 5.53 min Scan# 1380

Delta R.T. -0.00 min

Lab File: VU034211.D

Acq: 02 Sep 2019 18:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

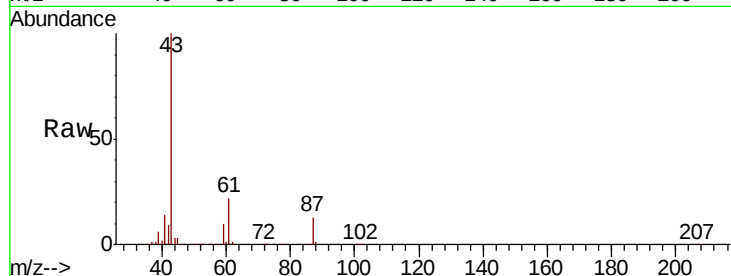
Tgt Ion: 43 Resp: 516189

Ion Ratio Lower Upper

43 100

61 21.2 17.2 25.8

87 13.2 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VU034018.D (-1365) (-)

Ion 61.00 (60.70 to 61.70): VU034018.D (-1365) (-)

Ion 87.00 (86.70 to 87.70): VU034018.D (-1365) (-)

5.53

300000

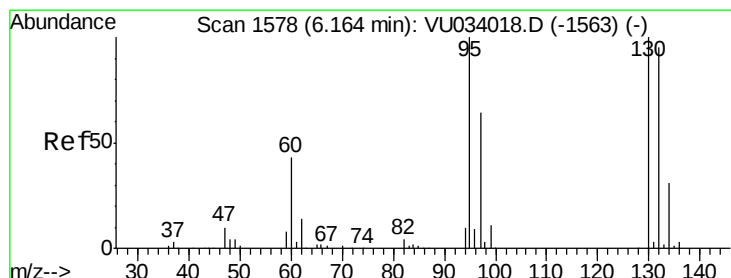
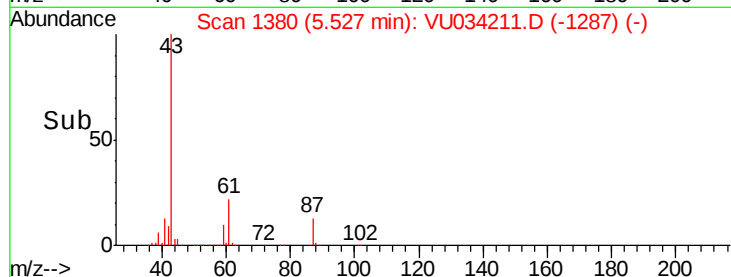
200000

100000

0

Time-->

5.40 5.50 5.60 5.70



#44

Trichloroethene

Concen: 46.948 ug/l

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VU034211.D

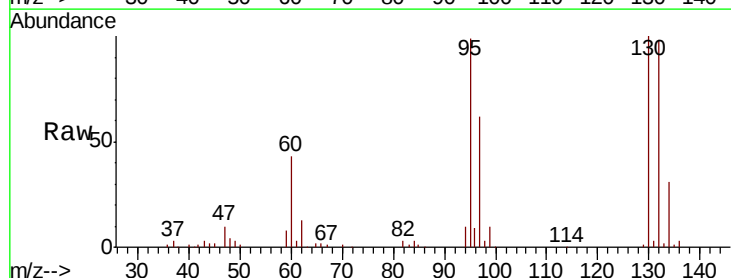
Acq: 02 Sep 2019 18:42

Tgt Ion: 130 Resp: 153745

Ion Ratio Lower Upper

130 100

95 98.9 0.0 199.6



Abundance Ion 129.80 (129.50 to 130.50): VU034018.D (-1563) (-)

Ion 94.90 (94.60 to 95.60): VU034018.D (-1563) (-)

6.16

80000

60000

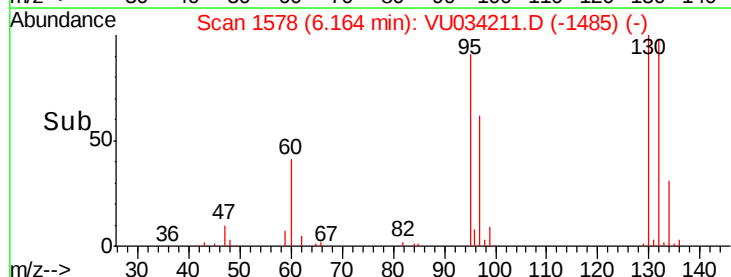
40000

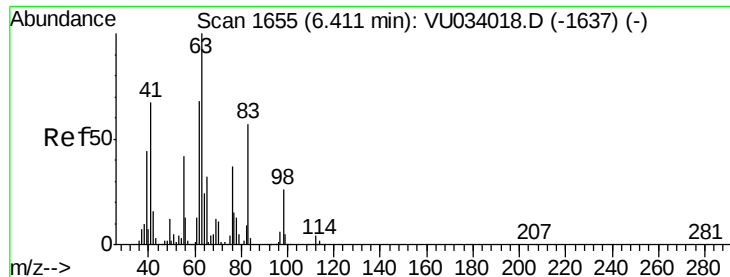
20000

0

Time-->

6.10 6.20 6.30





#45

1,2-Dichloropropane

Concen: 61.900 ug/l

RT: 6.41 min Scan# 1655

Delta R.T. -0.00 min

Lab File: VU034211.D

Acq: 02 Sep 2019 18:42

Instrument :

MSVOA_U

ClientSampleId :

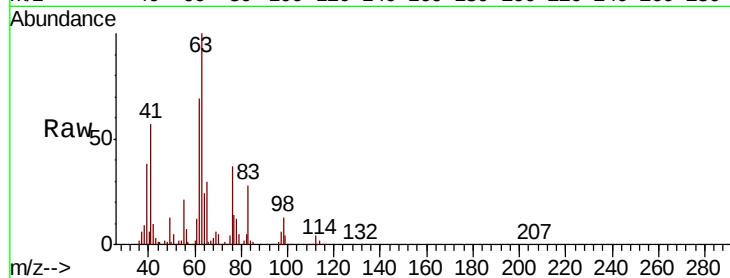
VSTDCCC050EC

Tgt Ion: 63 Resp: 212494

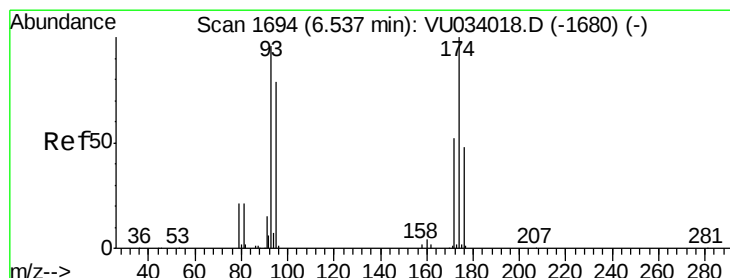
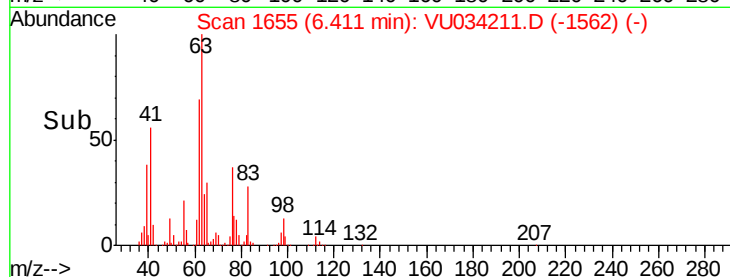
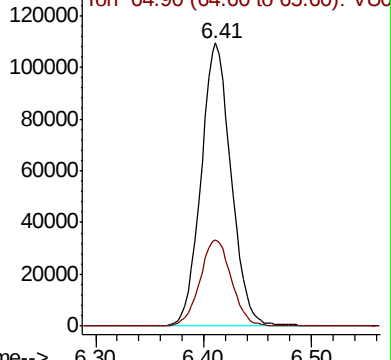
Ion Ratio Lower Upper

63 100

65 30.5 25.4 38.2



Abundance Ion 62.90 (62.60 to 63.60): VU034018.D (-1637) (-)



#46

Dibromomethane

Concen: 65.564 ug/l

RT: 6.54 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VU034211.D

Acq: 02 Sep 2019 18:42

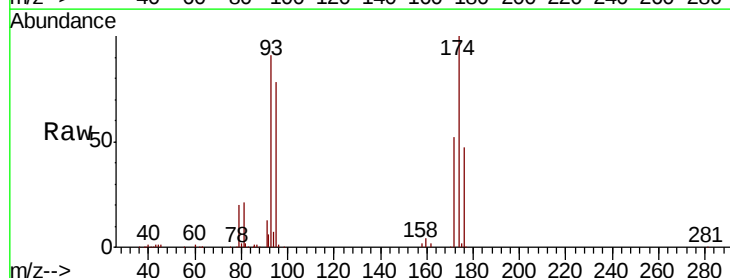
Tgt Ion: 93 Resp: 145006

Ion Ratio Lower Upper

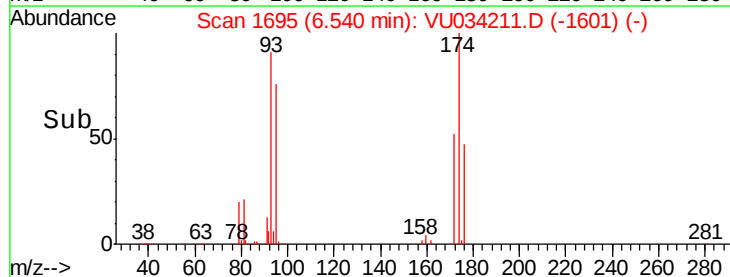
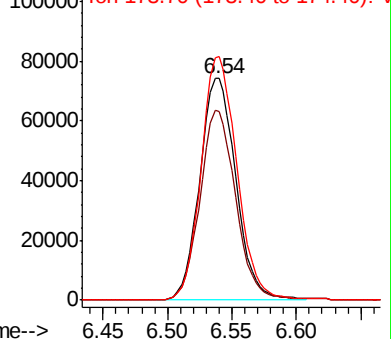
93 100

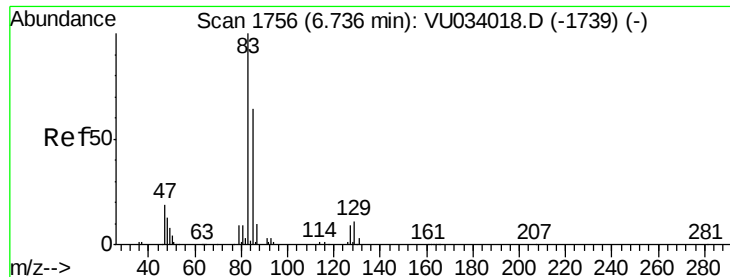
95 85.0 66.7 100.1

174 108.8 84.9 127.3



Abundance Ion 92.80 (92.50 to 93.50): VU034018.D (-1680) (-)





#47

Bromodichloromethane

Concen: 62.528 ug/l

RT: 6.74 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VU034211.D

Acq: 02 Sep 2019 18:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

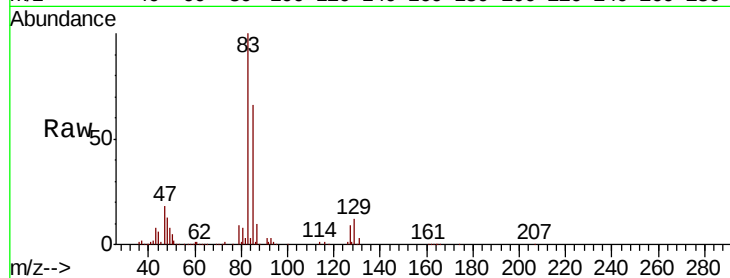
Tgt Ion: 83 Resp: 270566

Ion Ratio Lower Upper

83 100

85 65.5 51.2 76.8

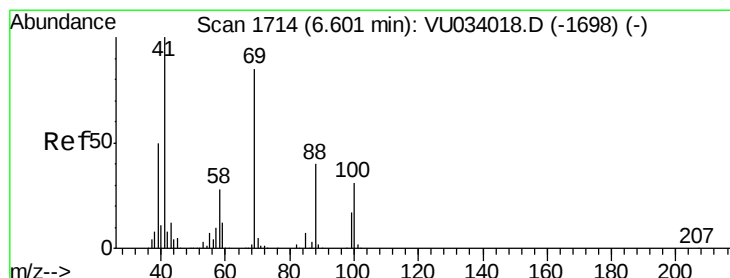
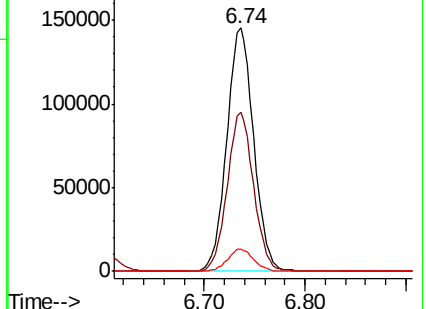
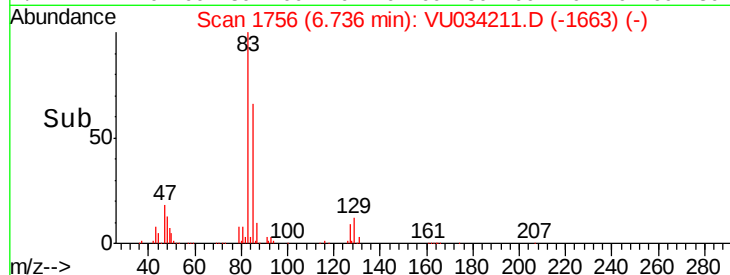
127 9.2 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VU034211.D (-1663) (-)

Ion 84.90 (84.60 to 85.60): VU034211.D (-1663) (-)

Ion 126.80 (126.50 to 127.50): VU034211.D (-1663) (-)



#48

Methyl methacrylate

Concen: 72.408 ug/l

RT: 6.60 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VU034211.D

Acq: 02 Sep 2019 18:42

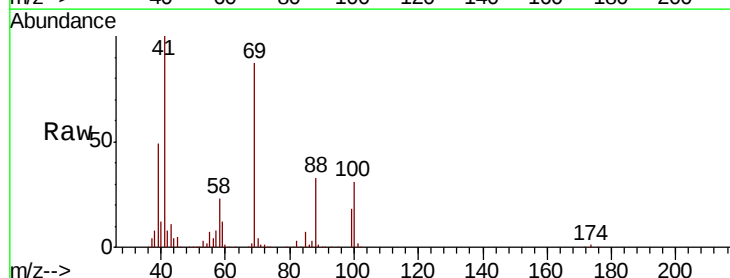
Tgt Ion: 41 Resp: 245356

Ion Ratio Lower Upper

41 100

69 88.7 69.5 104.3

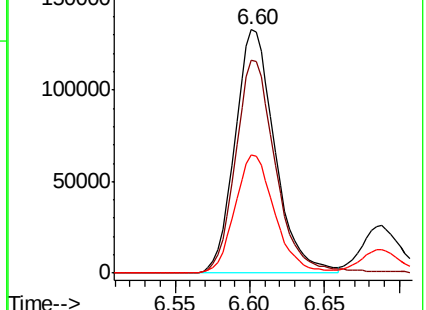
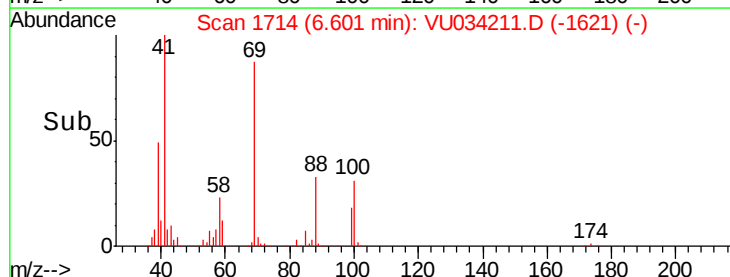
39 48.4 40.3 60.5

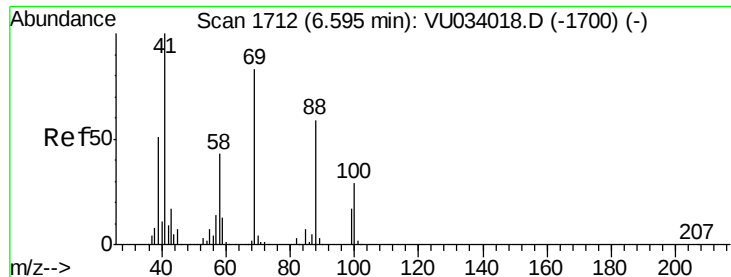


Abundance Ion 41.00 (40.70 to 41.70): VU034211.D (-1621) (-)

Ion 69.00 (68.70 to 69.70): VU034211.D (-1621) (-)

Ion 39.00 (38.70 to 39.70): VU034211.D (-1621) (-)

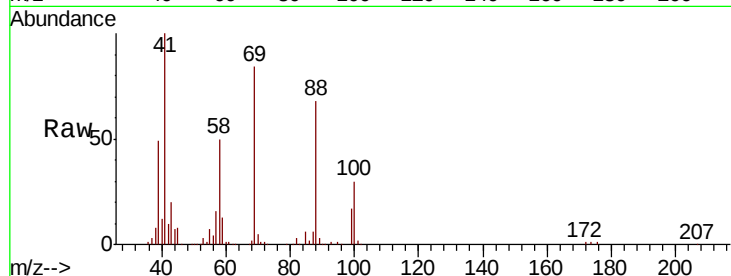




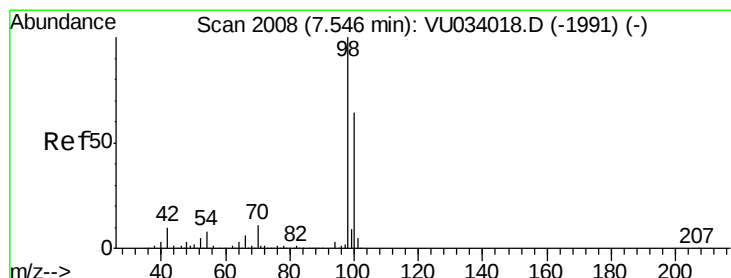
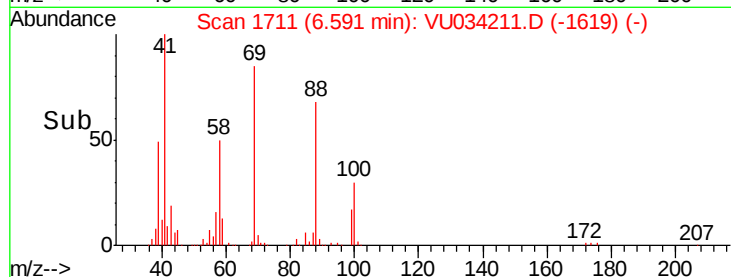
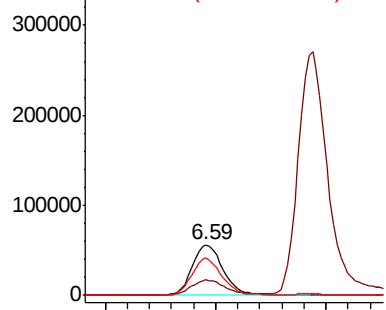
#49
 1,4-Dioxane
 Concen: 1261.875 ug/l
 RT: 6.59 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: VU034211.D
 Acq: 02 Sep 2019 18:42

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 88 Resp: 107135
 Ion Ratio Lower Upper
 88 100
 43 31.6 24.8 37.2
 58 73.8 59.3 88.9

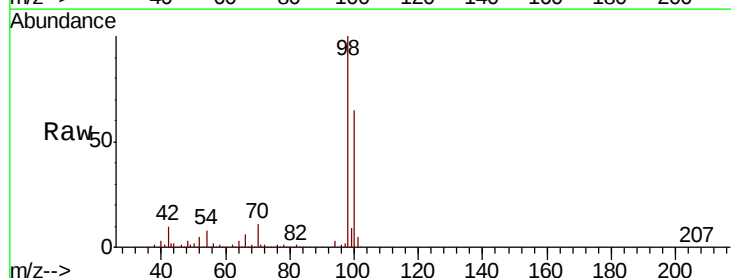


Abundance Ion 88.00 (87.70 to 88.70): VU0
 Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0

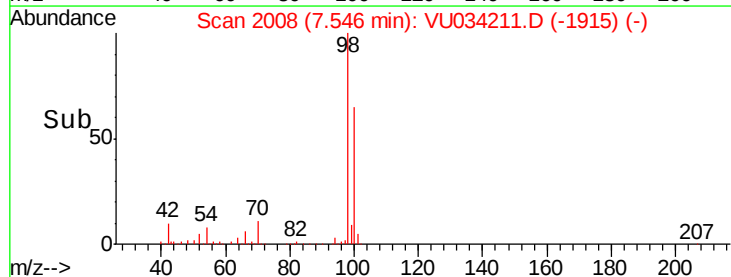
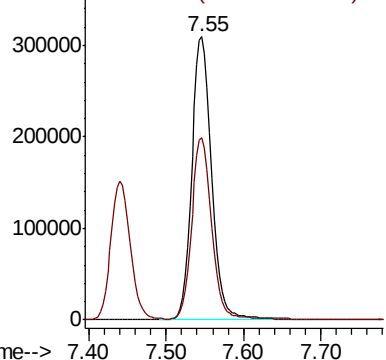


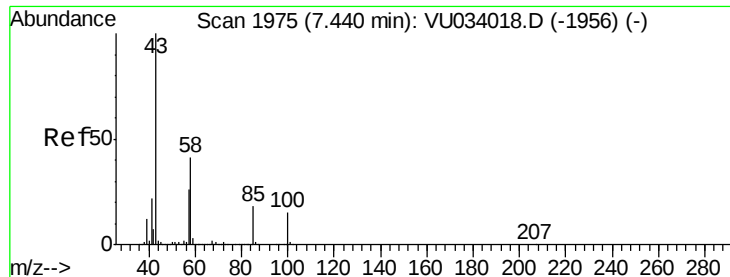
#50
 Toluene-d8
 Concen: 49.318 ug/l
 RT: 7.55 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: VU034211.D
 Acq: 02 Sep 2019 18:42

Tgt Ion: 98 Resp: 558137
 Ion Ratio Lower Upper
 98 100
 100 63.5 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

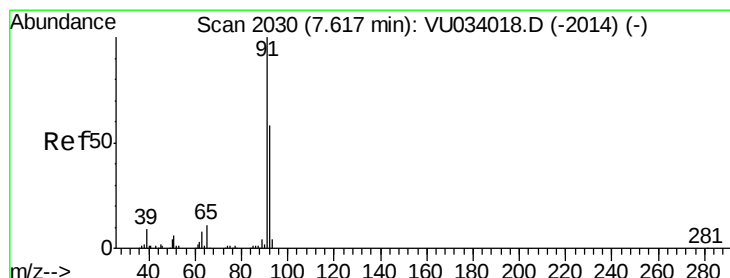
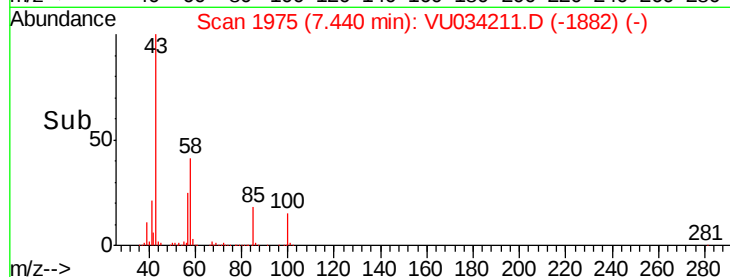
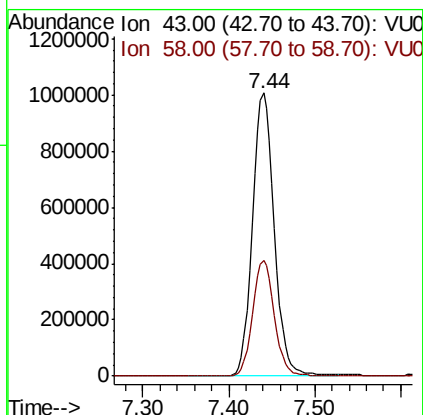
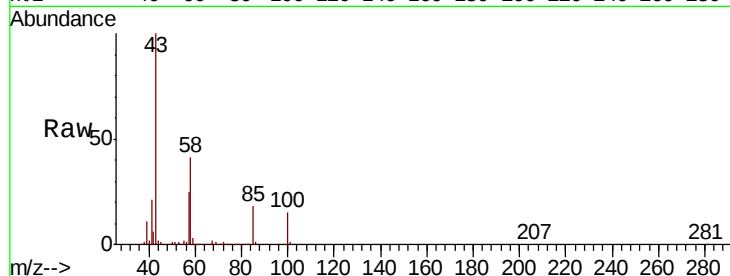




#51
 4-Methyl-2-Pentanone
 Concen: 365.014 ug/l
 RT: 7.44 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: VU034211.D
 Acq: 02 Sep 2019 18:42

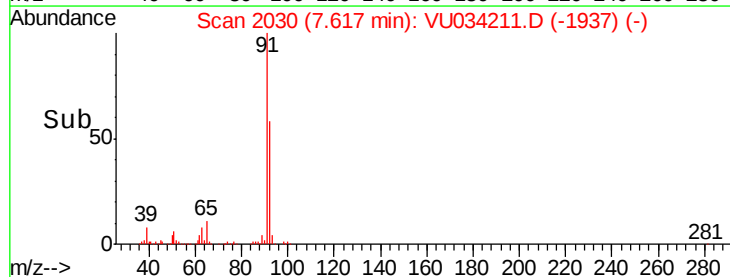
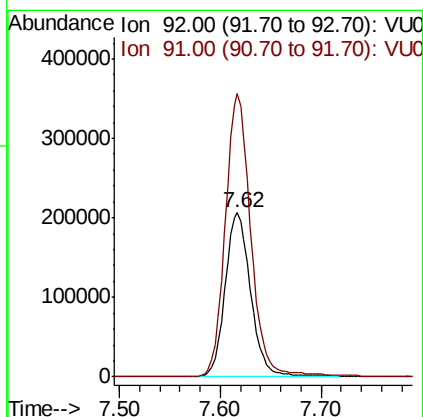
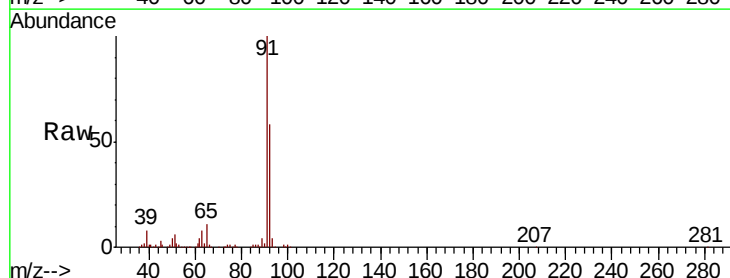
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

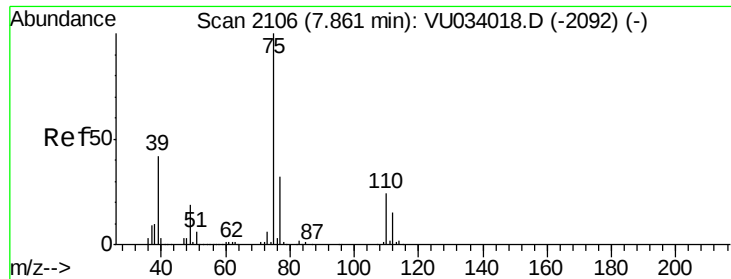
Tgt Ion: 43 Resp: 1770135
 Ion Ratio Lower Upper
 43 100
 58 40.9 32.2 48.4



#52
 Toluene
 Concen: 47.770 ug/l
 RT: 7.62 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: VU034211.D
 Acq: 02 Sep 2019 18:42

Tgt Ion: 92 Resp: 366977
 Ion Ratio Lower Upper
 92 100
 91 172.9 138.3 207.5

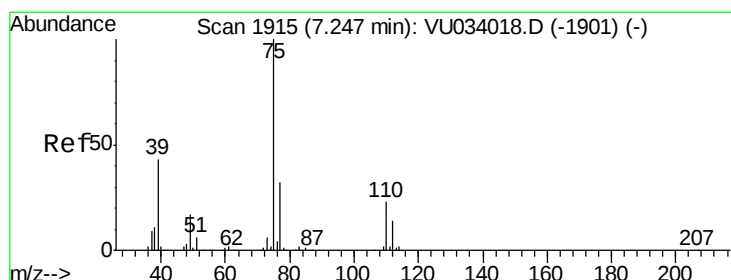
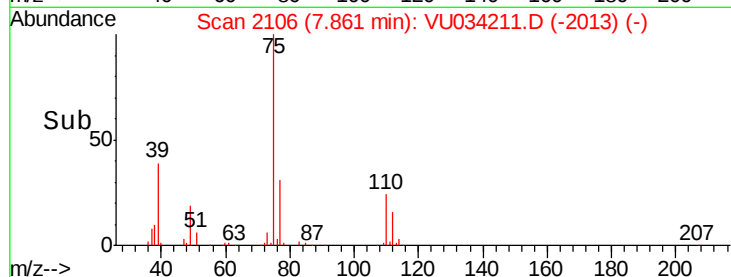
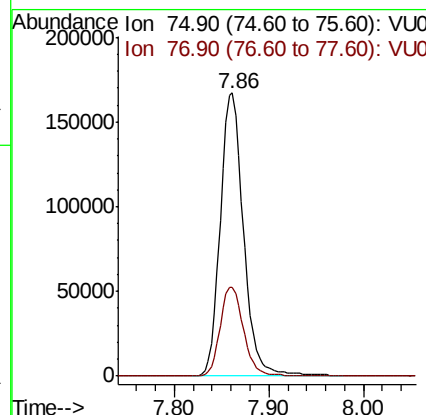
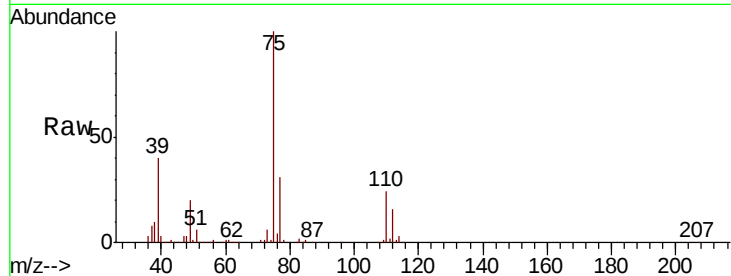




#53
t-1,3-Dichloropropene
Concen: 59.526 ug/l
RT: 7.86 min Scan# 2106
Delta R.T. -0.00 min
Lab File: VU034211.D
Acq: 02 Sep 2019 18:42

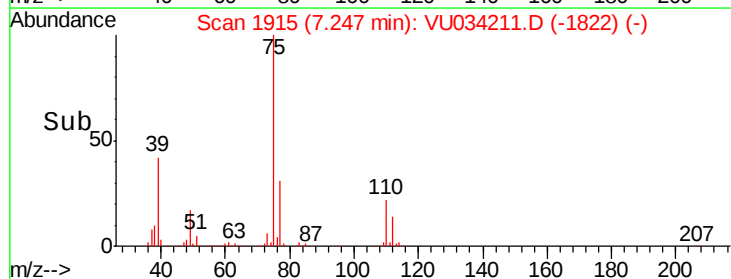
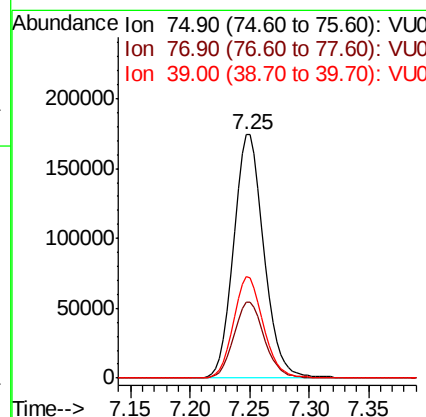
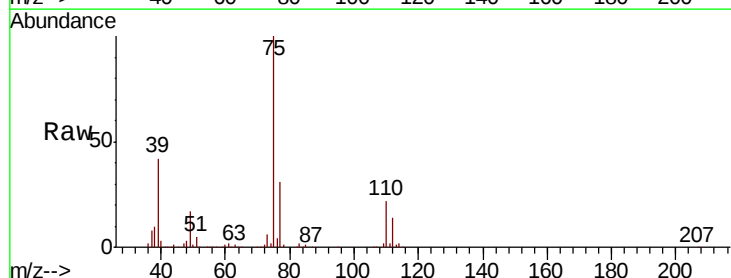
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

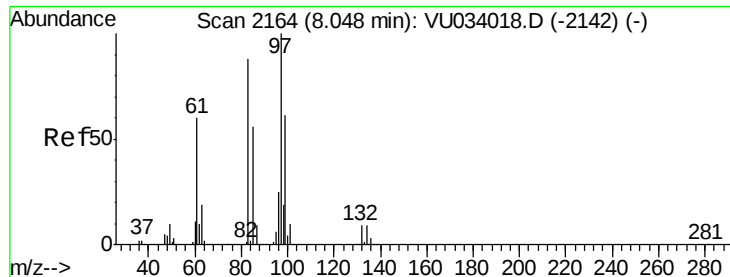
Tgt Ion: 75 Resp: 285802
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 58.646 ug/l
RT: 7.25 min Scan# 1915
Delta R.T. -0.00 min
Lab File: VU034211.D
Acq: 02 Sep 2019 18:42

Tgt Ion: 75 Resp: 307624
Ion Ratio Lower Upper
75 100
77 31.2 25.2 37.8
39 41.4 34.6 51.8





#55

1,1,2-Trichloroethane

Concen: 65.070 ug/l

RT: 8.05 min Scan# 2164

Delta R.T. -0.00 min

Lab File: VU034211.D

Acq: 02 Sep 2019 18:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 211446

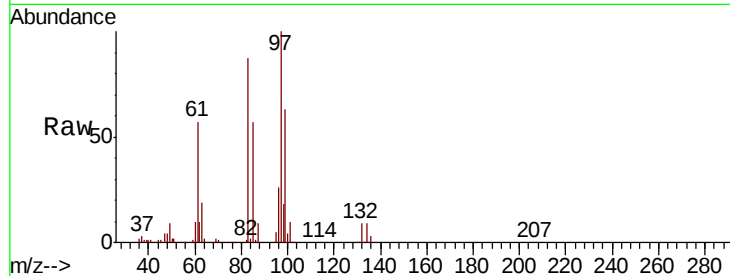
Ion Ratio Lower Upper

97 100

83 87.4 70.1 105.1

85 57.0 45.0 67.4

99 63.3 49.8 74.8

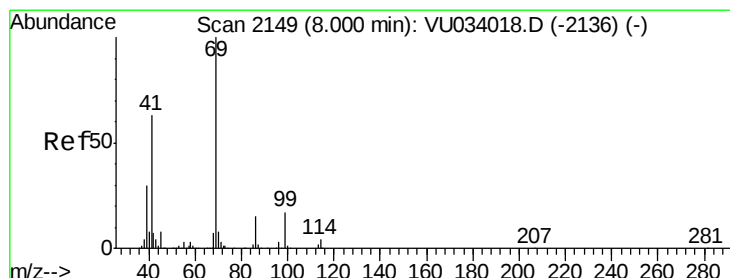
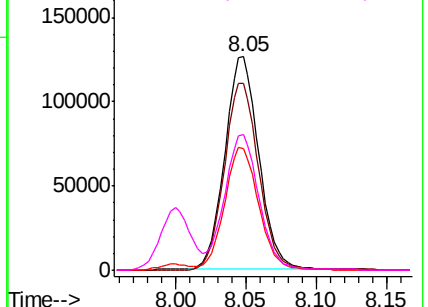
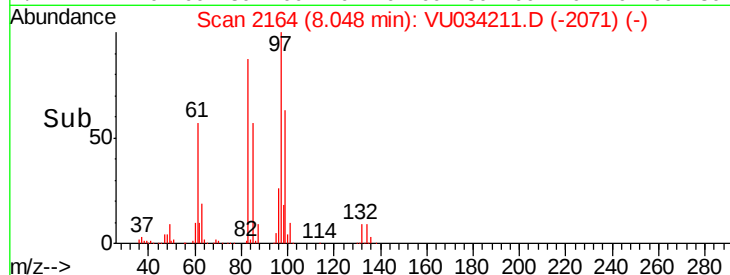


Abundance Ion 96.90 (96.60 to 97.60): VU034211.D (-2071) (-)

Ion 82.90 (82.60 to 83.60): VU034211.D (-2071) (-)

Ion 84.90 (84.60 to 85.60): VU034211.D (-2071) (-)

Ion 98.90 (98.60 to 99.60): VU034211.D (-2071) (-)



#56

Ethyl methacrylate

Concen: 62.211 ug/l

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VU034211.D

Acq: 02 Sep 2019 18:42

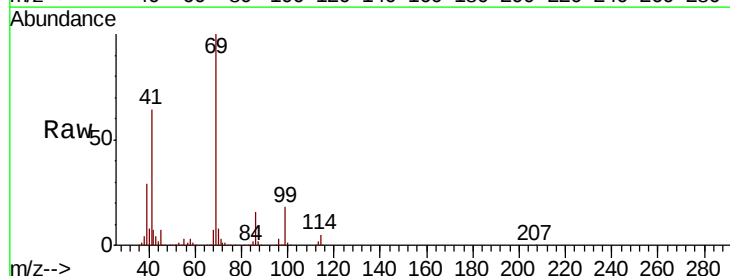
Tgt Ion: 69 Resp: 336624

Ion Ratio Lower Upper

69 100

41 63.2 50.7 76.1

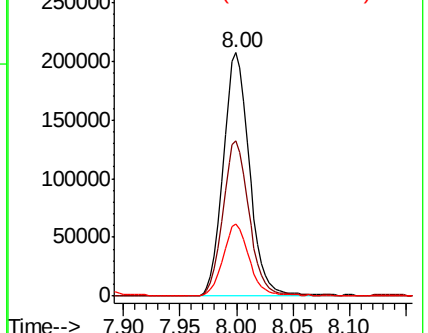
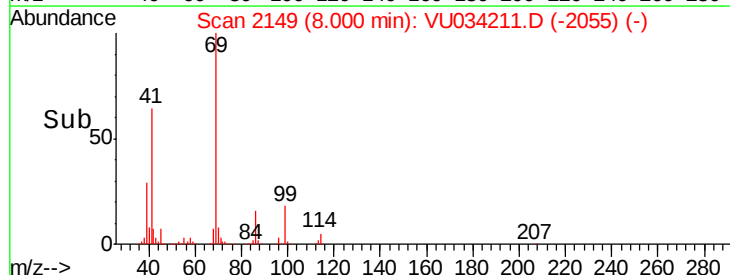
39 29.2 24.2 36.2

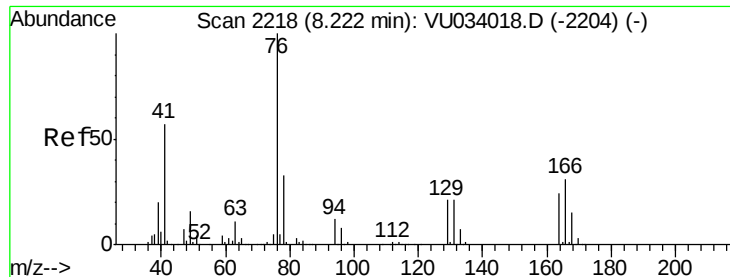


Abundance Ion 69.00 (68.70 to 69.70): VU034211.D (-2055) (-)

Ion 41.00 (40.70 to 41.70): VU034211.D (-2055) (-)

Ion 39.00 (38.70 to 39.70): VU034211.D (-2055) (-)





#57

1,3-Dichloropropane

Concen: 64.332 ug/l

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU034211.D

Acq: 02 Sep 2019 18:42

Instrument :

MSVOA_U

ClientSampleId :

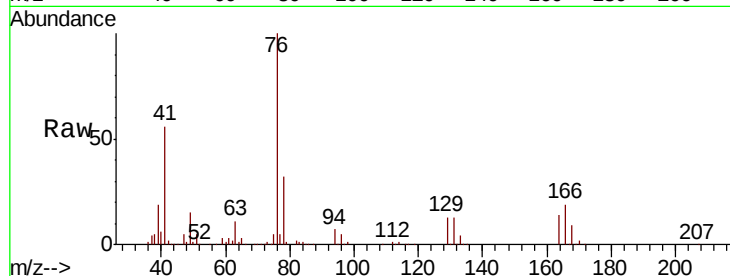
VSTDCCC050EC

Tgt Ion: 76 Resp: 354952

Ion Ratio Lower Upper

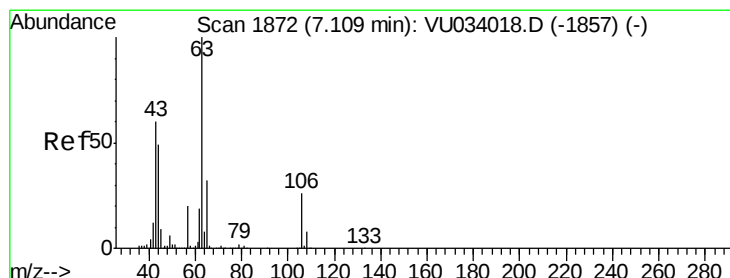
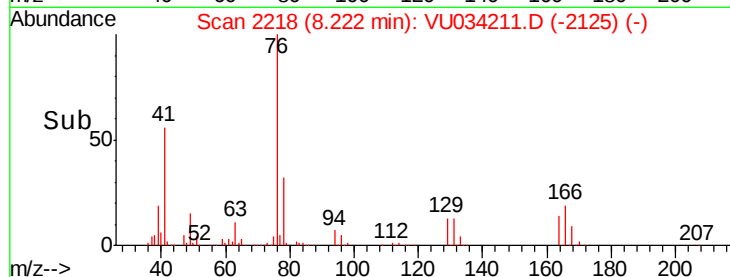
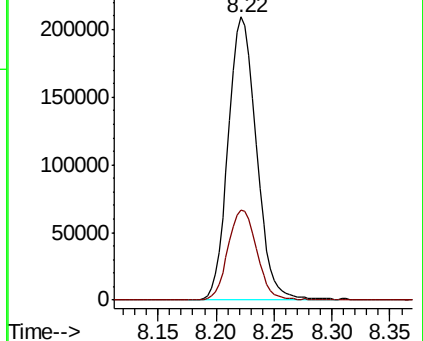
76 100

78 32.5 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VU034211.D (-2125) (-)

Ion 77.90 (77.60 to 78.60): VU034211.D (-2125) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 347.504 ug/l

RT: 7.11 min Scan# 1871

Delta R.T. -0.00 min

Lab File: VU034211.D

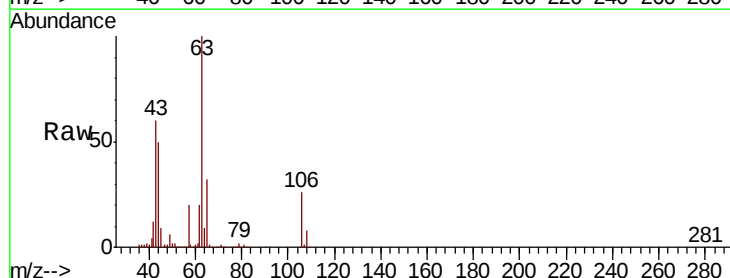
Acq: 02 Sep 2019 18:42

Tgt Ion: 63 Resp: 624717

Ion Ratio Lower Upper

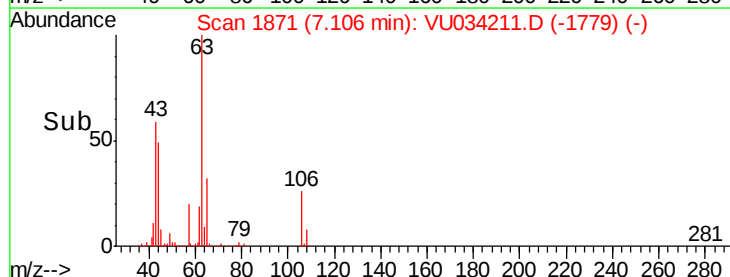
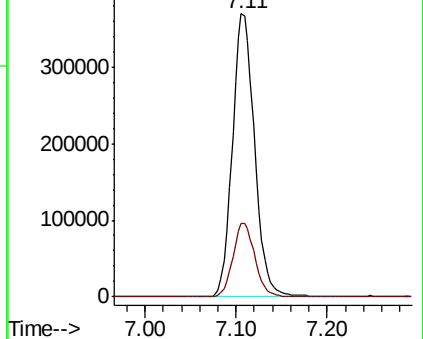
63 100

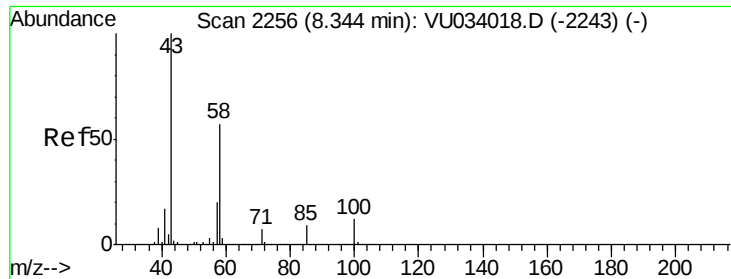
106 25.9 20.7 31.1



Abundance Ion 62.90 (62.60 to 63.60): VU034211.D (-1779) (-)

Ion 105.90 (105.60 to 106.60): VU034211.D (-1779) (-)

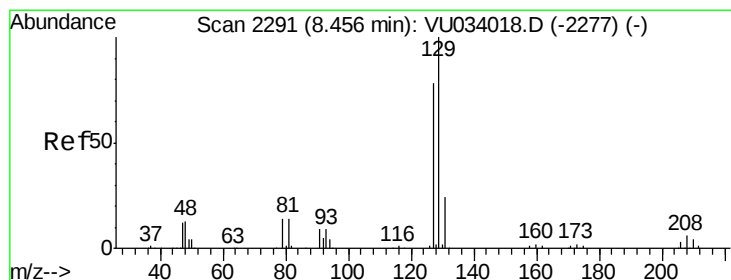
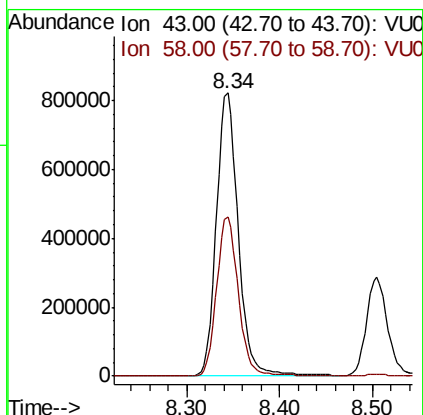
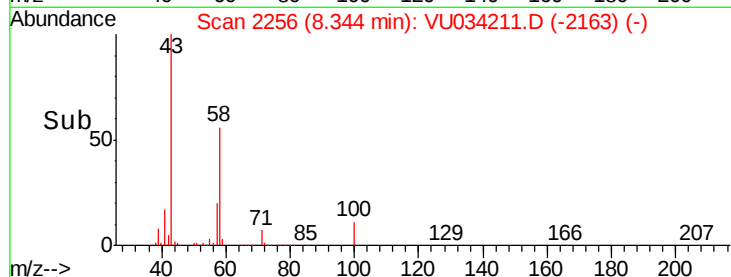
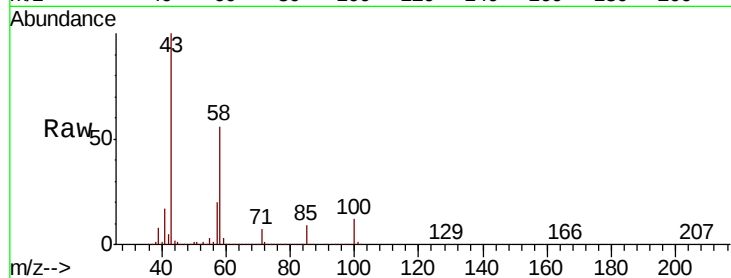




#59
2-Hexanone
Concen: 364.656 ug/l
RT: 8.34 min Scan# 2256
Delta R.T. -0.00 min
Lab File: VU034211.D
Acq: 02 Sep 2019 18:42

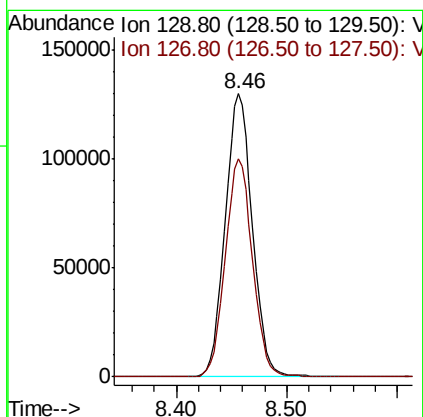
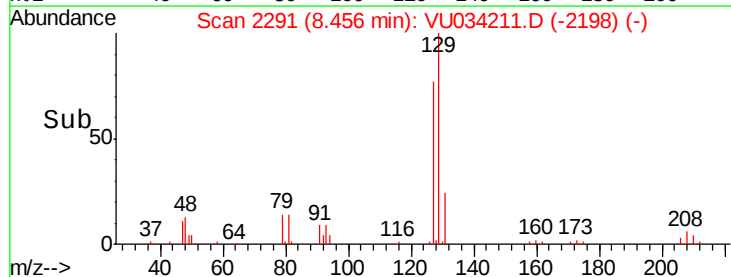
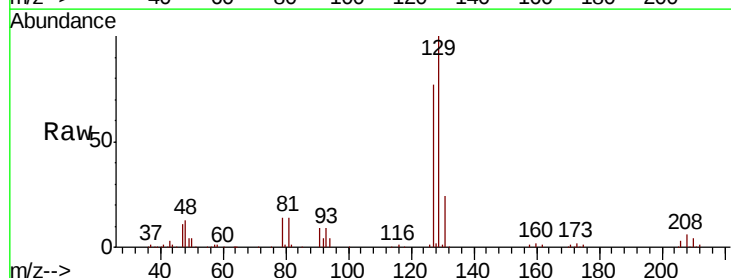
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

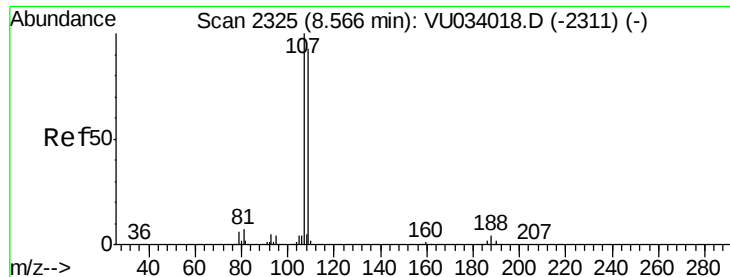
Tgt Ion: 43 Resp: 1334983
Ion Ratio Lower Upper
43 100
58 56.8 28.4 85.3



#60
Dibromochloromethane
Concen: 63.537 ug/l
RT: 8.46 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU034211.D
Acq: 02 Sep 2019 18:42

Tgt Ion: 129 Resp: 221626
Ion Ratio Lower Upper
129 100
127 77.3 39.0 116.9





#61

1,2-Dibromoethane

Concen: 63.819 ug/l

RT: 8.57 min Scan# 2325

Delta R.T. -0.00 min

Lab File: VU034211.D

Acq: 02 Sep 2019 18:42

Instrument :

MSVOA_U

ClientSampleId :

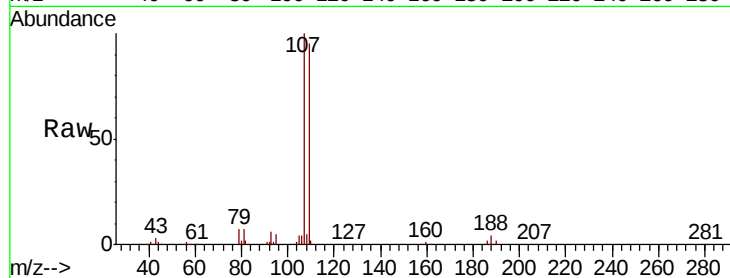
VSTDCCC050EC

Tgt Ion: 107 Resp: 218456

Ion Ratio Lower Upper

107 100

109 94.9 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

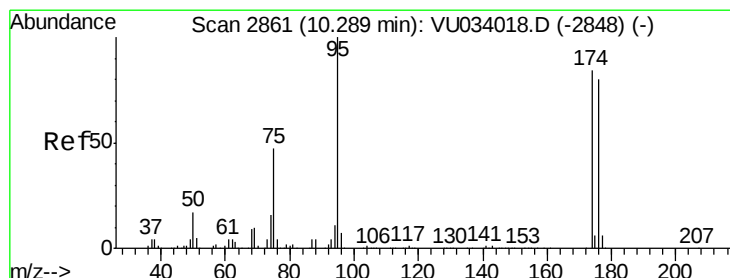
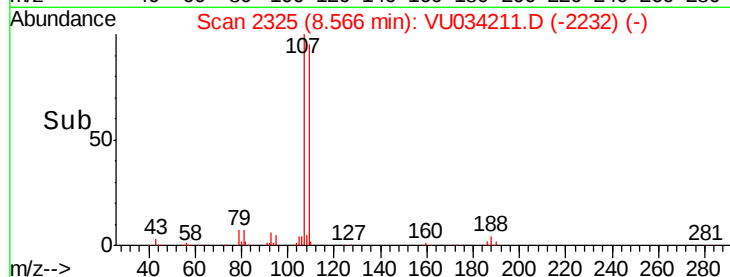
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.586 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.00 min

Lab File: VU034211.D

Acq: 02 Sep 2019 18:42

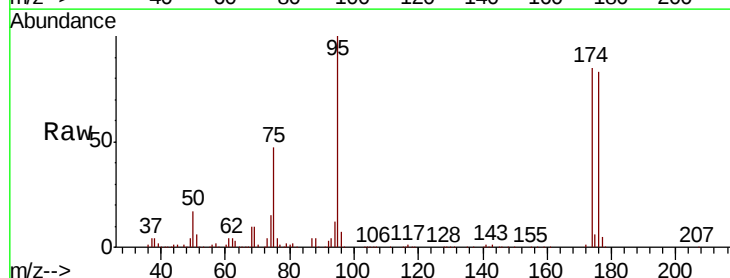
Tgt Ion: 95 Resp: 209485

Ion Ratio Lower Upper

95 100

174 85.4 0.0 168.8

176 81.9 0.0 161.8



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

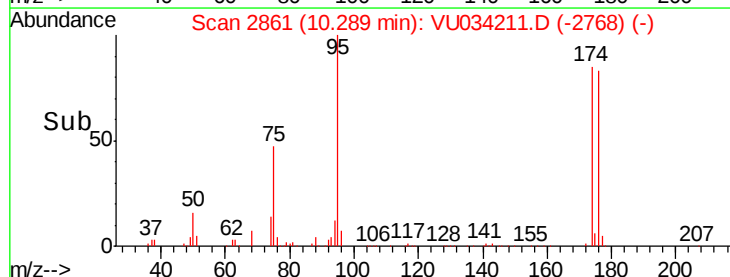
150000

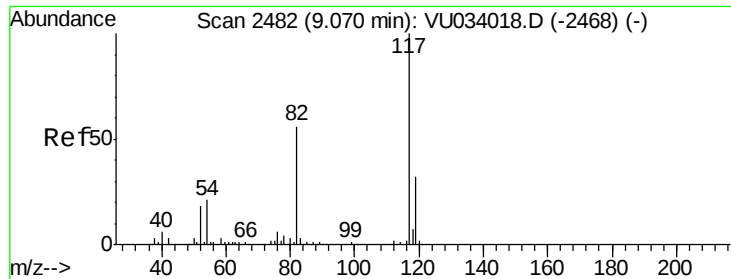
100000

50000

0

Time-->

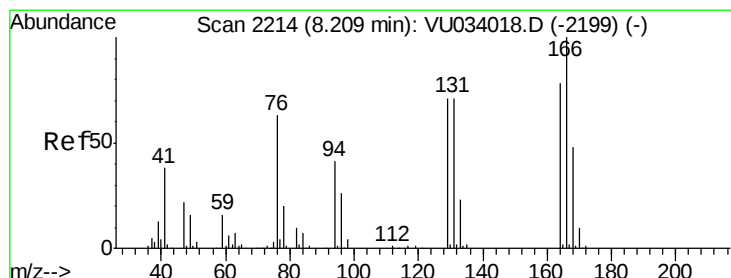
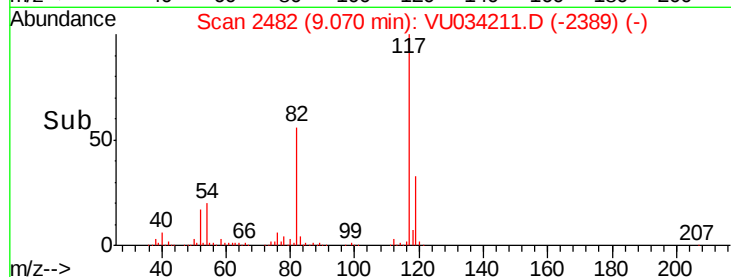
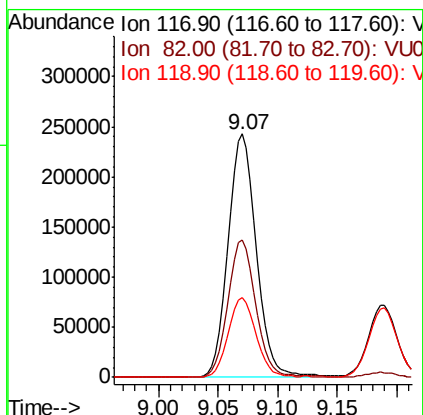
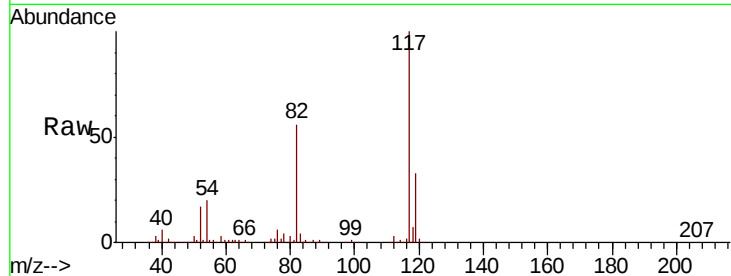




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU034211.D
Acq: 02 Sep 2019 18:42

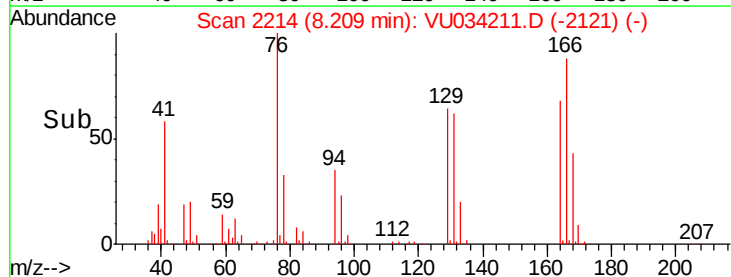
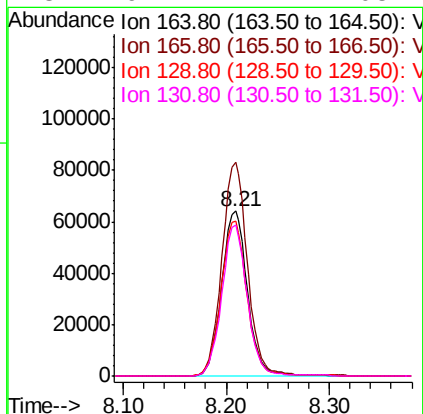
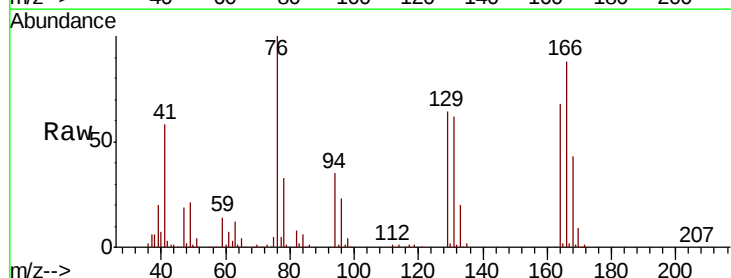
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

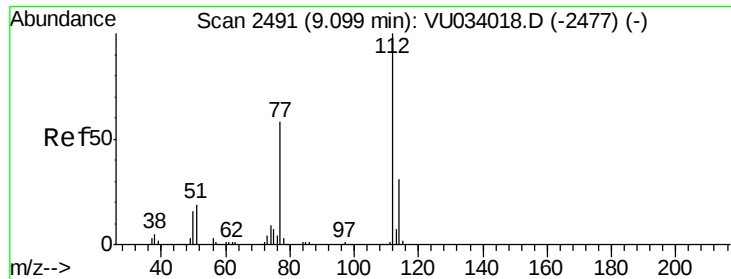
Tgt Ion:117 Resp: 401251
Ion Ratio Lower Upper
117 100
82 56.4 45.1 67.7
119 32.9 25.4 38.0



#64
Tetrachloroethene
Concen: 41.577 ug/l
RT: 8.21 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VU034211.D
Acq: 02 Sep 2019 18:42

Tgt Ion:164 Resp: 112037
Ion Ratio Lower Upper
164 100
166 129.8 102.2 153.2
129 94.4 72.4 108.6
131 91.4 72.1 108.1





#65

Chlorobenzene

Concen: 49.424 ug/l

RT: 9.10 min Scan# 2491

Delta R.T. -0.00 min

Lab File: VU034211.D

Acq: 02 Sep 2019 18:42

Instrument :

MSVOA_U

ClientSampleId :

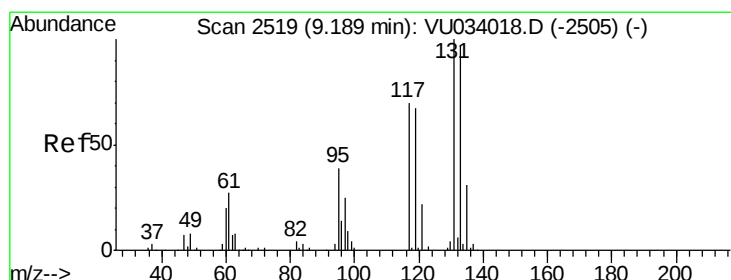
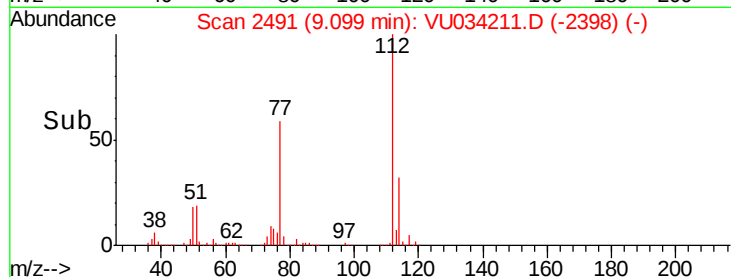
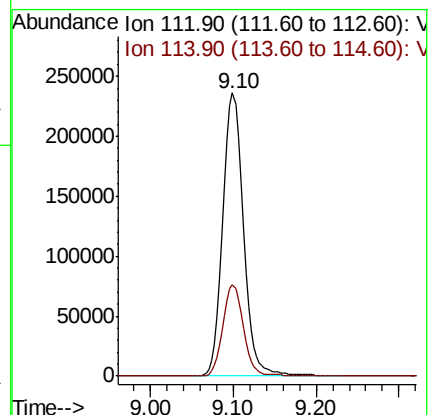
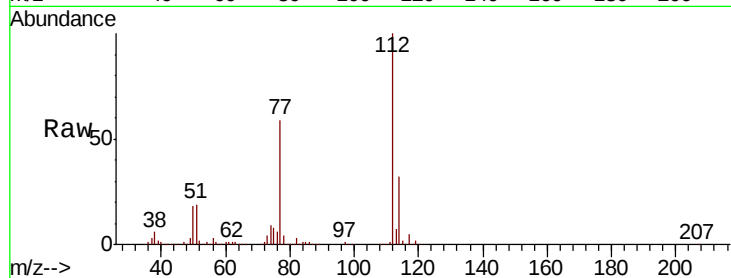
VSTDCCC050EC

Tgt Ion:112 Resp: 408108

Ion Ratio Lower Upper

112 100

114 32.2 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 56.252 ug/l

RT: 9.19 min Scan# 2519

Delta R.T. -0.00 min

Lab File: VU034211.D

Acq: 02 Sep 2019 18:42

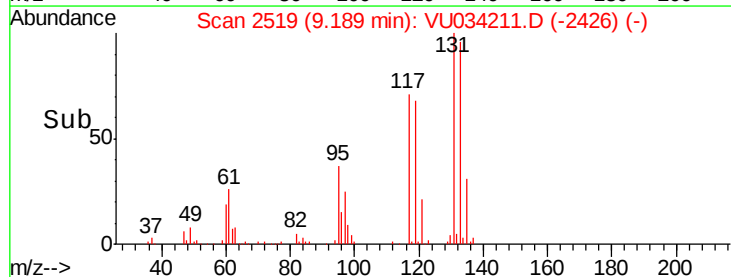
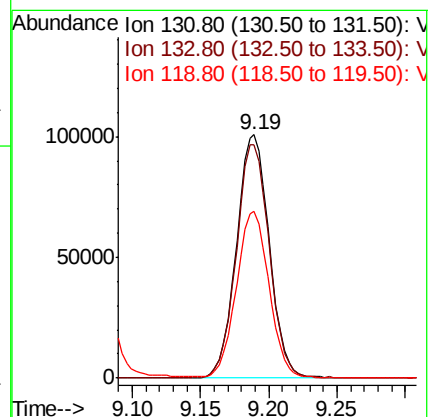
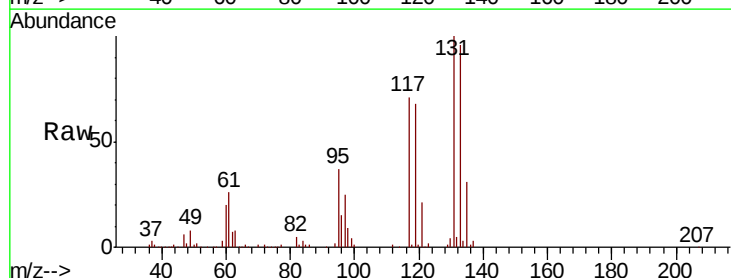
Tgt Ion:131 Resp: 168430

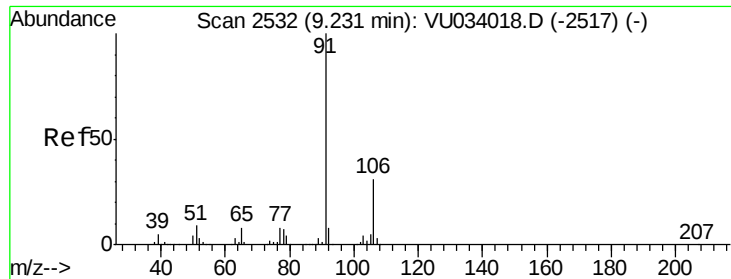
Ion Ratio Lower Upper

131 100

133 96.6 48.4 145.2

119 67.8 33.6 100.6

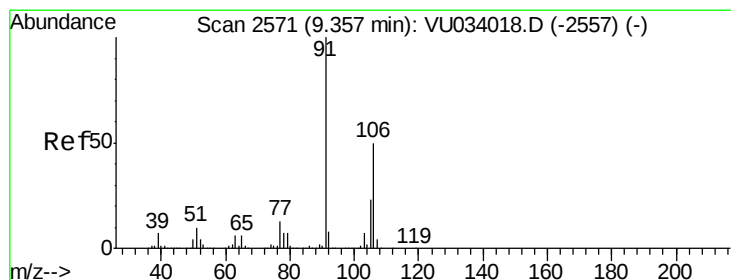
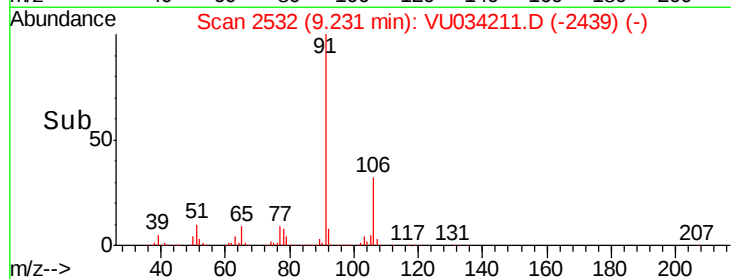
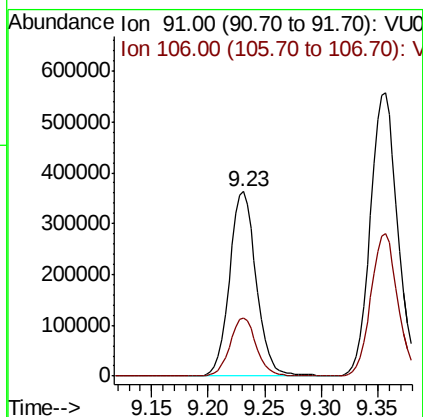
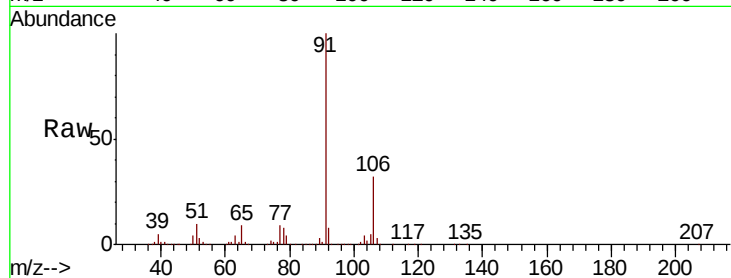




#67
Ethyl Benzene
Concen: 42.790 ug/l
RT: 9.23 min Scan# 2532
Delta R.T. -0.00 min
Lab File: VU034211.D
Acq: 02 Sep 2019 18:42

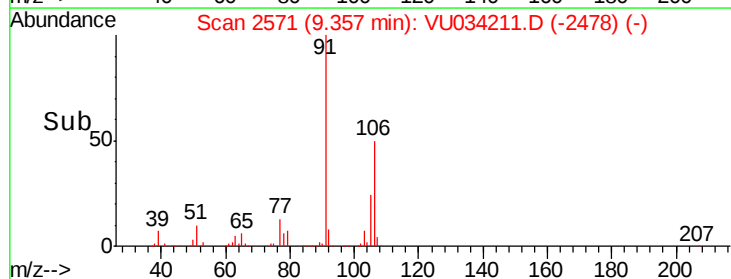
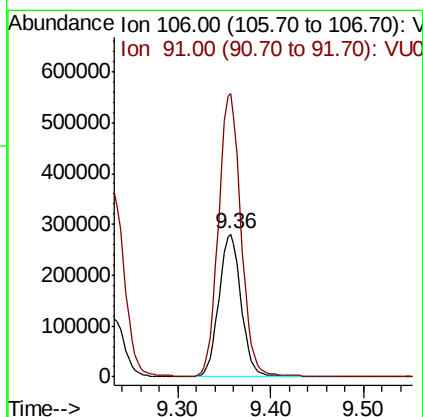
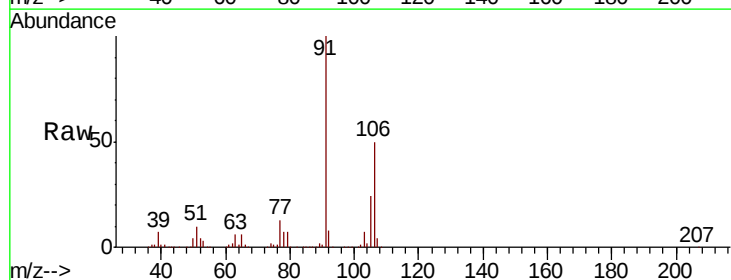
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

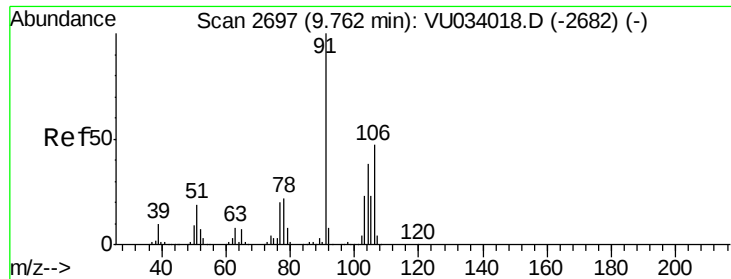
Tgt Ion: 91 Resp: 598939
Ion Ratio Lower Upper
91 100
106 31.8 24.9 37.3



#68
m/p-Xylenes
Concen: 87.731 ug/l
RT: 9.36 min Scan# 2571
Delta R.T. -0.00 min
Lab File: VU034211.D
Acq: 02 Sep 2019 18:42

Tgt Ion: 106 Resp: 466934
Ion Ratio Lower Upper
106 100
91 200.7 161.6 242.4

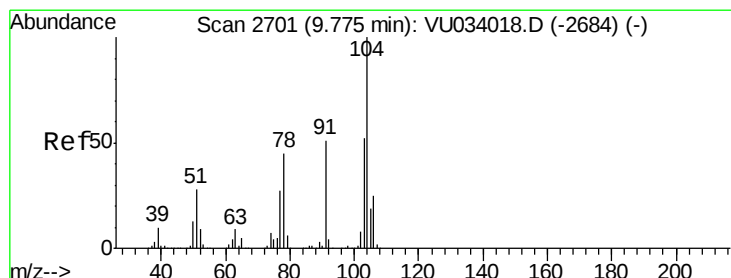
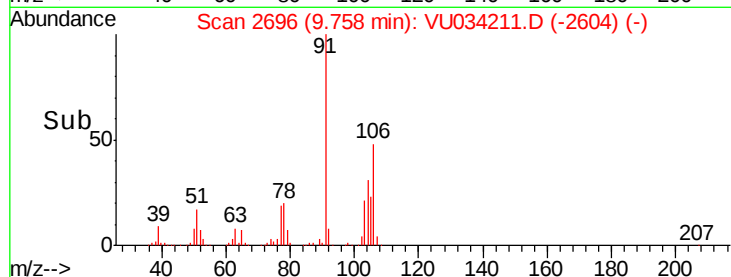
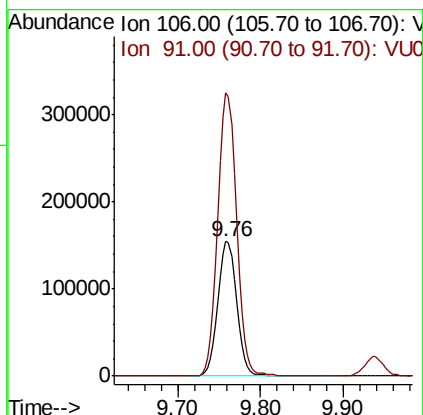
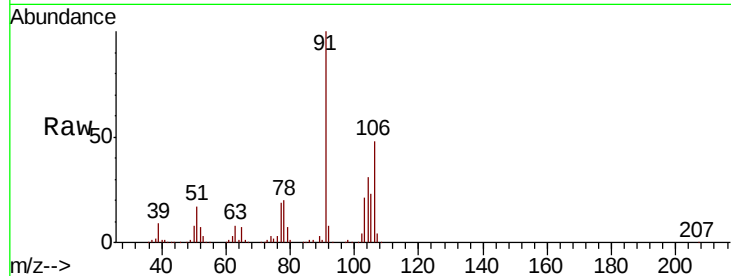




#69
o-Xylene
Concen: 47.523 ug/l
RT: 9.76 min Scan# 2696
Delta R.T. -0.00 min
Lab File: VU034211.D
Acq: 02 Sep 2019 18:42

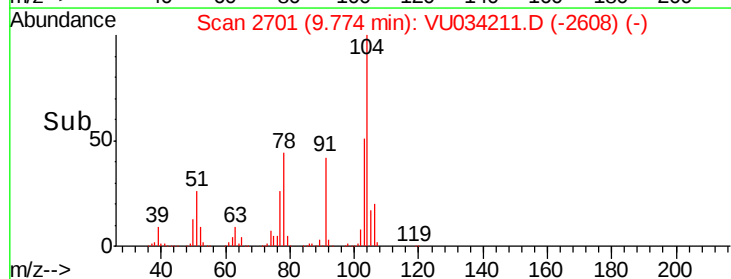
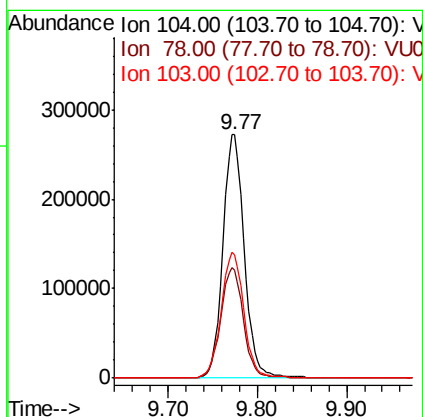
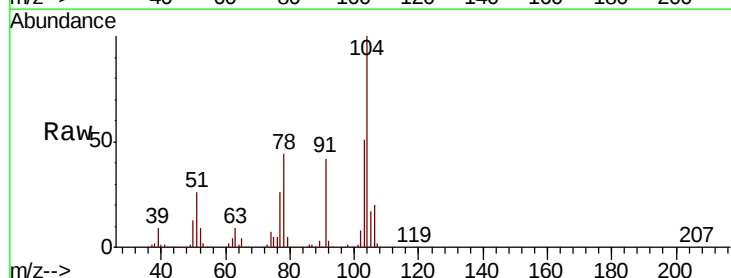
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

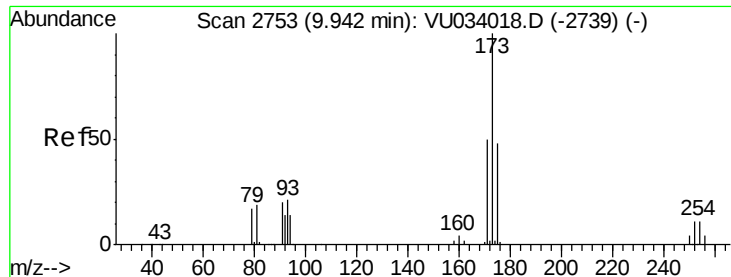
Tgt Ion:106 Resp: 242661
Ion Ratio Lower Upper
106 100
91 211.0 106.0 318.0



#70
Styrene
Concen: 51.608 ug/l
RT: 9.77 min Scan# 2701
Delta R.T. -0.00 min
Lab File: VU034211.D
Acq: 02 Sep 2019 18:42

Tgt Ion:104 Resp: 451838
Ion Ratio Lower Upper
104 100
78 48.5 39.0 58.4
103 55.0 44.0 66.0





#71

Bromoform

Concen: 66.391 ug/l

RT: 9.94 min Scan# 2752

Delta R.T. -0.00 min

Lab File: VU034211.D

Acq: 02 Sep 2019 18:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

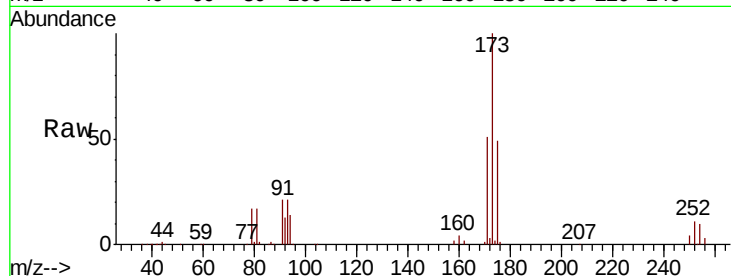
Tgt Ion:173 Resp: 172714

Ion Ratio Lower Upper

173 100

175 48.6 24.6 73.6

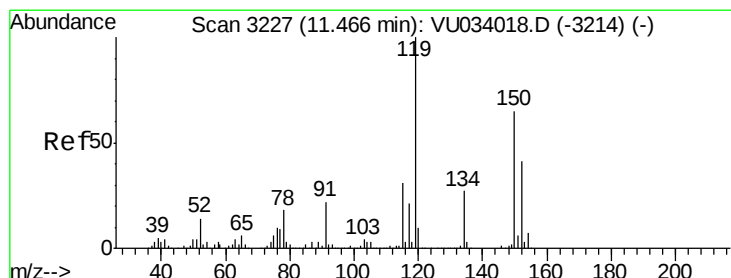
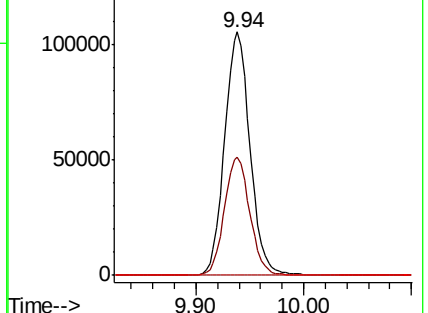
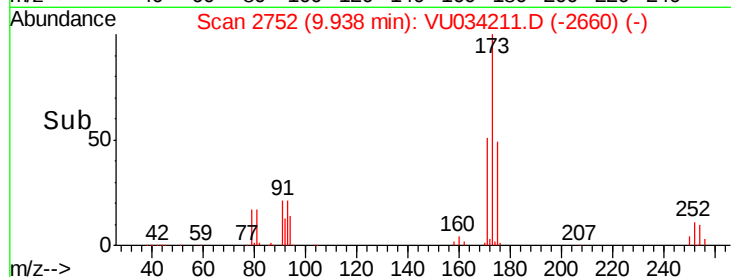
254 0.0 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. -0.00 min

Lab File: VU034211.D

Acq: 02 Sep 2019 18:42

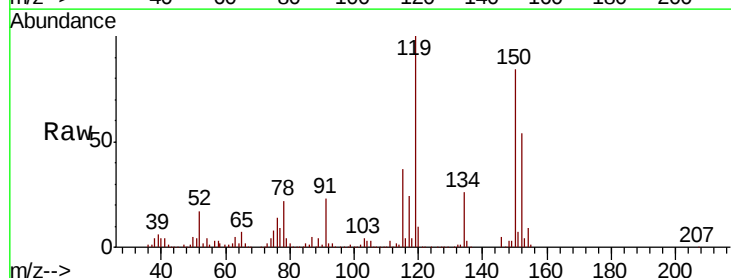
Tgt Ion:152 Resp: 200406

Ion Ratio Lower Upper

152 100

115 73.6 41.1 123.3

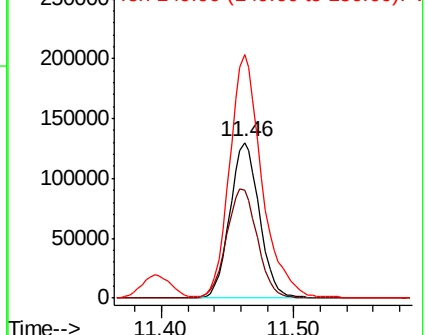
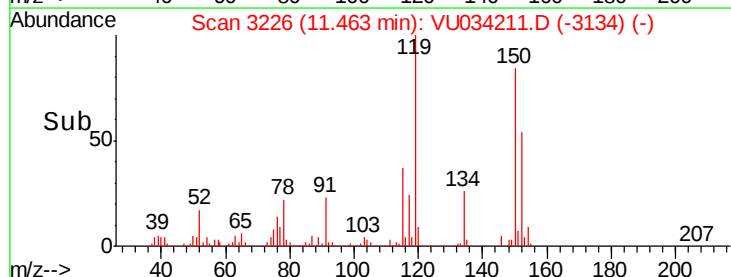
150 170.5 0.0 348.8

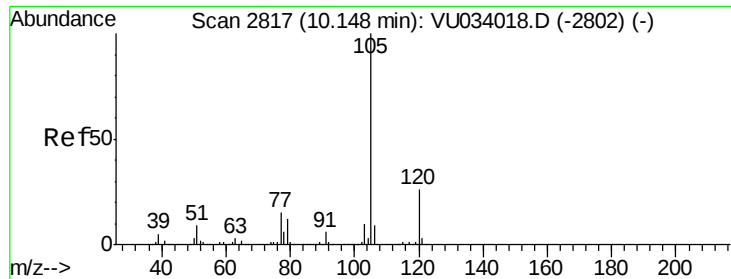


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 41.080 ug/l

RT: 10.15 min Scan# 2817

Delta R.T. -0.00 min

Lab File: VU034211.D

Acq: 02 Sep 2019 18:42

Instrument :

MSVOA_U

ClientSampleId :

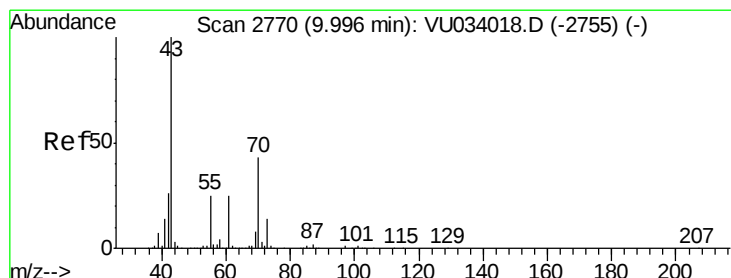
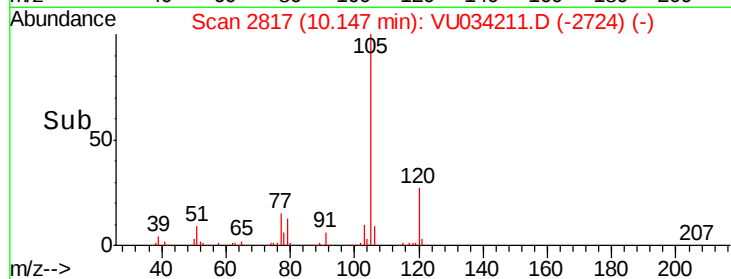
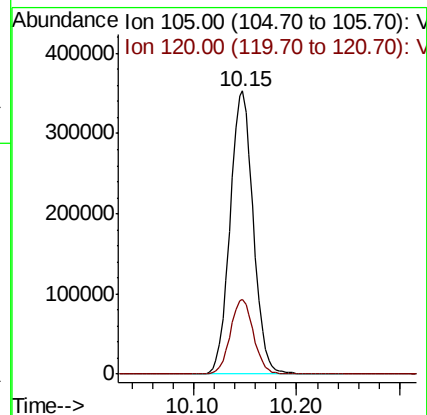
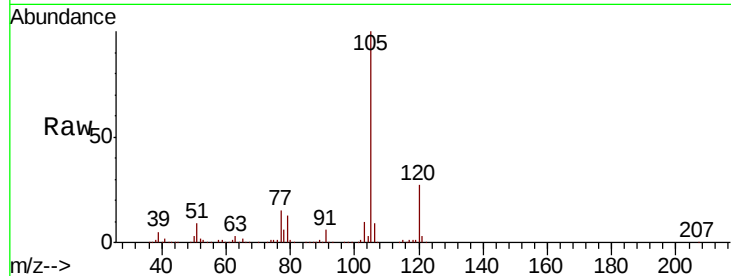
VSTDCCC050EC

Tgt Ion: 105 Resp: 552986

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.8



#74

N-ethyl acetate

Concen: 74.056 ug/l

RT: 9.99 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VU034211.D

Acq: 02 Sep 2019 18:42

Tgt Ion: 43 Resp: 419277

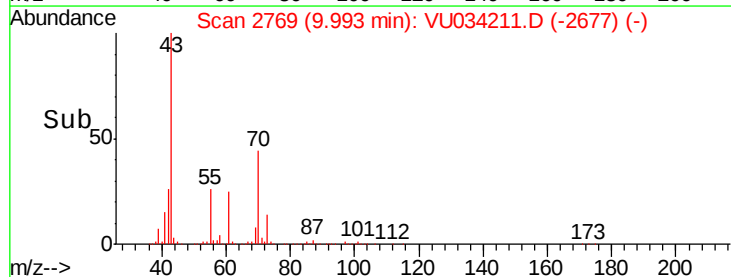
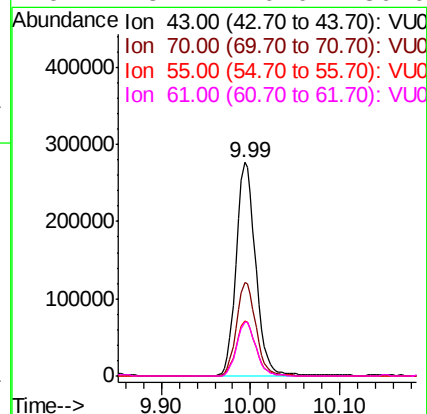
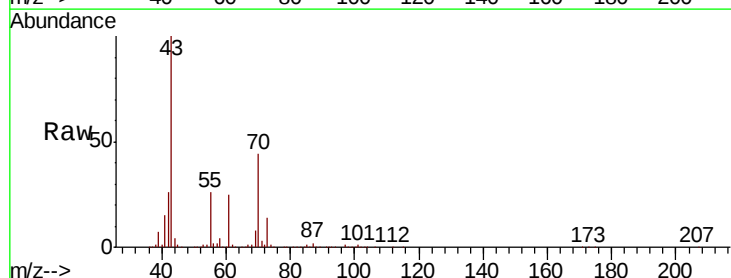
Ion Ratio Lower Upper

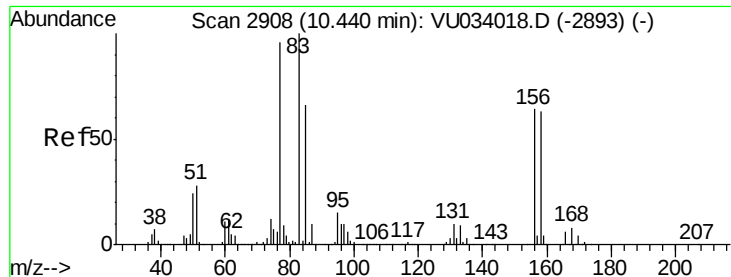
43 100

70 43.7 35.2 52.8

55 26.1 20.5 30.7

61 25.2 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 71.335 ug/l

RT: 10.44 min Scan# 2907

Delta R.T. -0.00 min

Lab File: VU034211.D

Acq: 02 Sep 2019 18:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

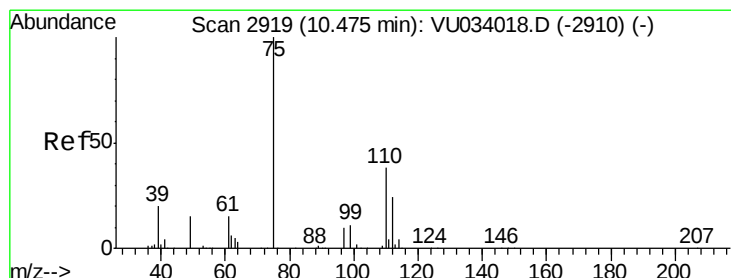
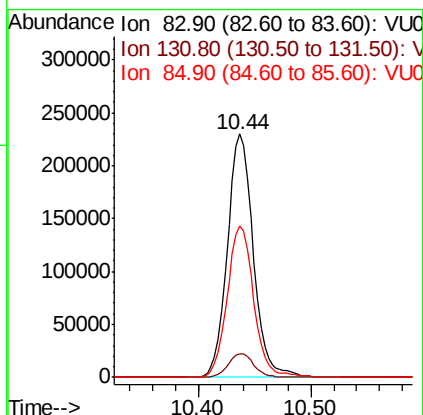
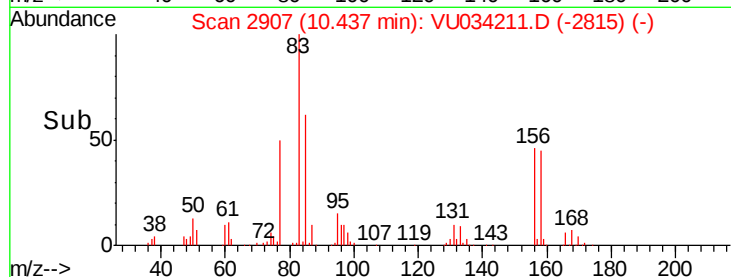
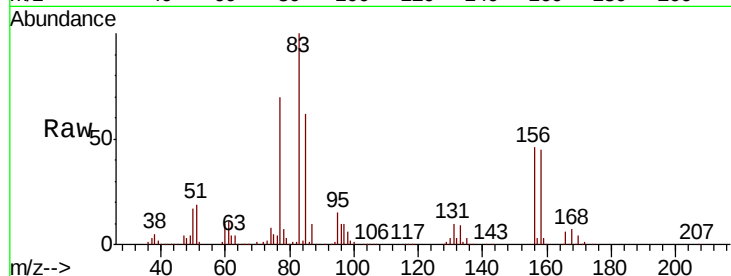
Tgt Ion: 83 Resp: 367535

Ion Ratio Lower Upper

83 100

131 9.7 5.0 14.9

85 63.7 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 87.509 ug/l

RT: 10.47 min Scan# 2918

Delta R.T. -0.00 min

Lab File: VU034211.D

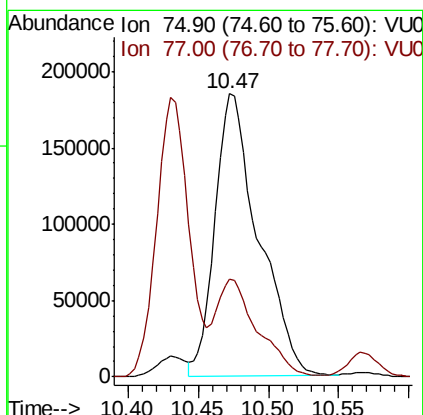
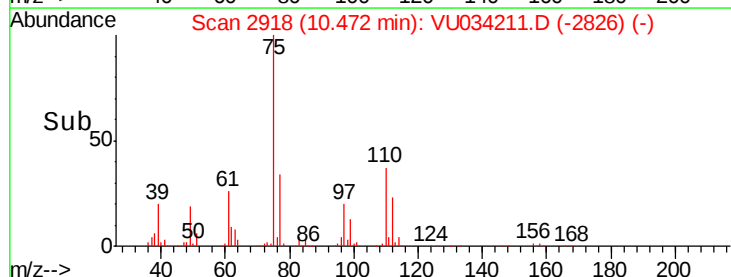
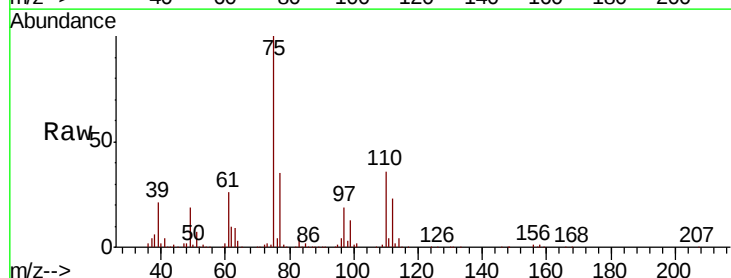
Acq: 02 Sep 2019 18:42

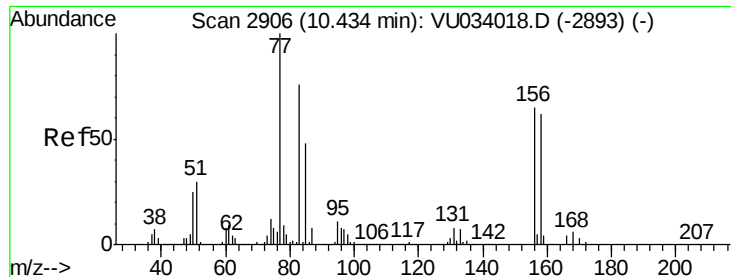
Tgt Ion: 75 Resp: 395259

Ion Ratio Lower Upper

75 100

77 33.2 20.1 60.2





#77

Bromobenzene

Concen: 52.806 ug/l

RT: 10.43 min Scan# 2905

Delta R.T. -0.00 min

Lab File: VU034211.D

Acq: 02 Sep 2019 18:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

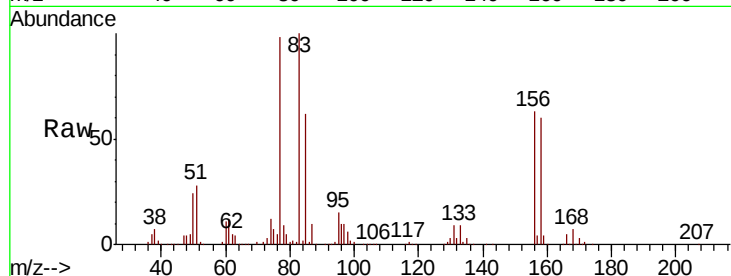
Tgt Ion:156 Resp: 191215

Ion Ratio Lower Upper

156 100

77 154.6 76.8 230.5

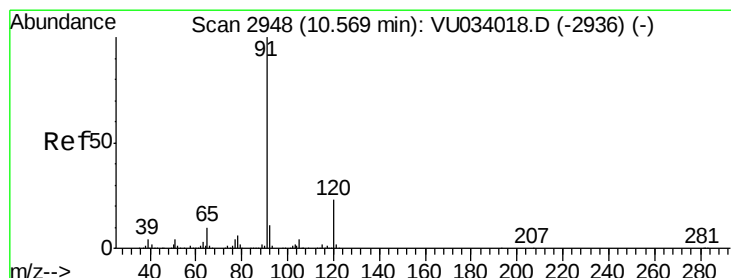
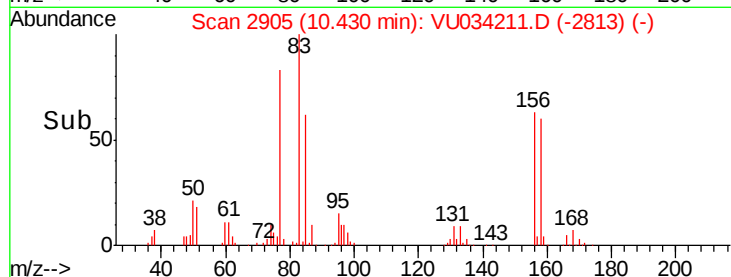
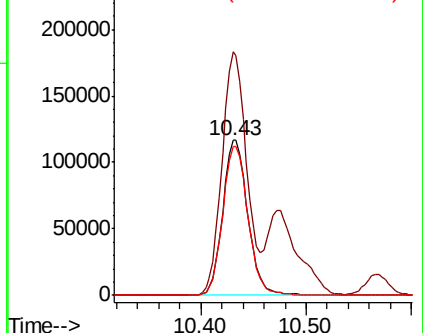
158 97.4 48.4 145.0



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: 39.655 ug/l

RT: 10.57 min Scan# 2948

Delta R.T. -0.00 min

Lab File: VU034211.D

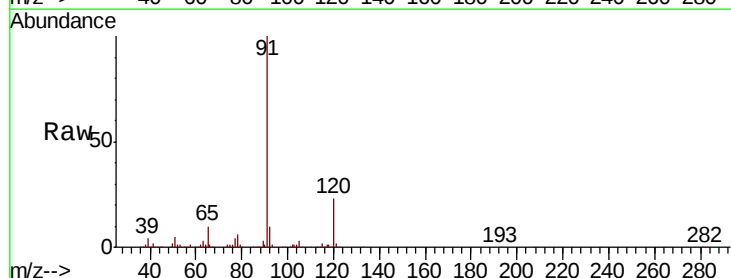
Acq: 02 Sep 2019 18:42

Tgt Ion: 91 Resp: 621660

Ion Ratio Lower Upper

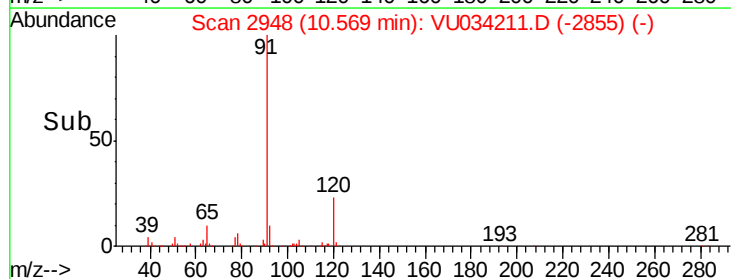
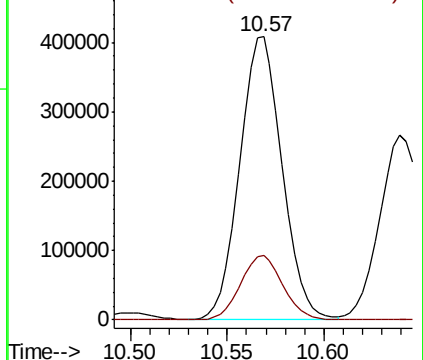
91 100

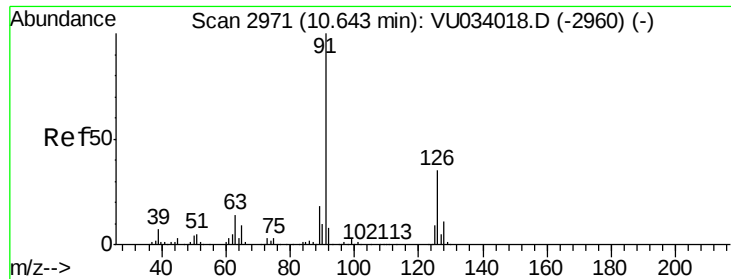
120 22.8 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 44.954 ug/l

RT: 10.64 min Scan# 2970

Delta R.T. -0.00 min

Lab File: VU034211.D

Acq: 02 Sep 2019 18:42

Instrument :

MSVOA_U

ClientSampleId :

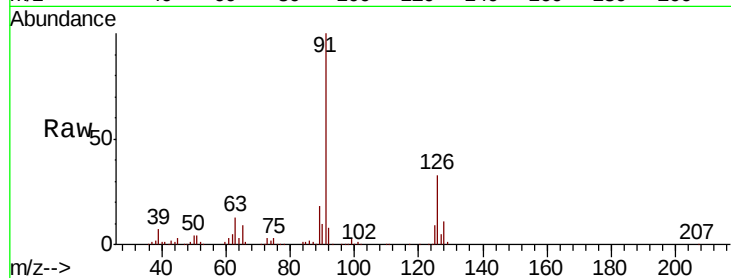
VSTDCCC050EC

Tgt Ion: 91 Resp: 422705

Ion Ratio Lower Upper

91 100

126 33.5 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VU034018.D (-2960) (-)

Ion 125.90 (125.60 to 126.60): VU034018.D (-2960) (-)

400000

300000

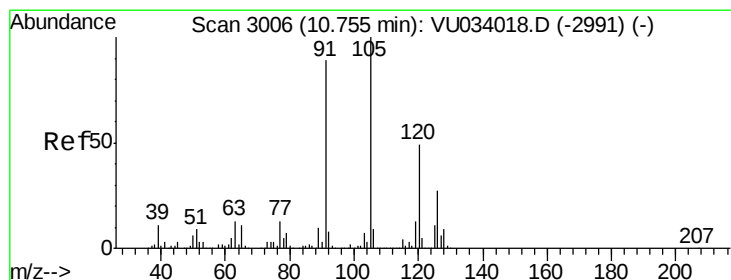
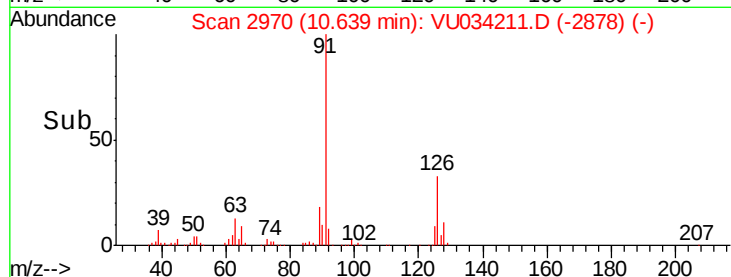
200000

100000

0

10.60 10.65 10.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 43.222 ug/l

RT: 10.75 min Scan# 3005

Delta R.T. -0.00 min

Lab File: VU034211.D

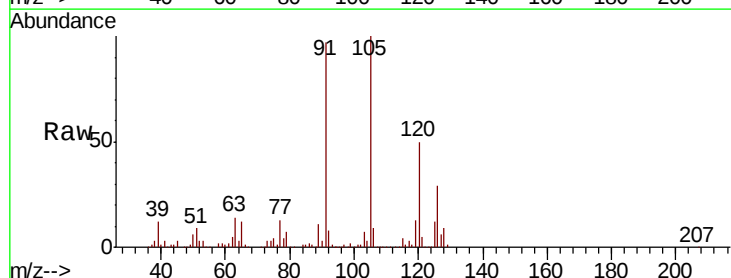
Acq: 02 Sep 2019 18:42

Tgt Ion: 105 Resp: 493127

Ion Ratio Lower Upper

105 100

120 49.6 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VU034018.D (-2991) (-)

Ion 120.00 (119.70 to 120.70): VU034018.D (-2991) (-)

300000

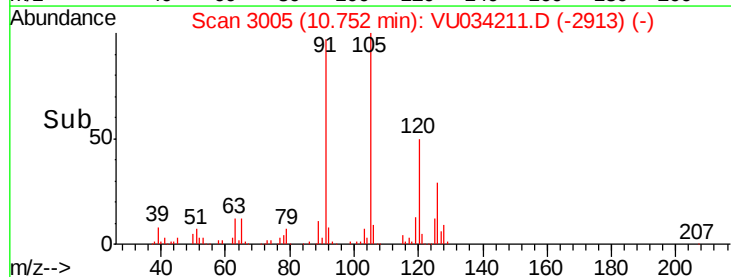
200000

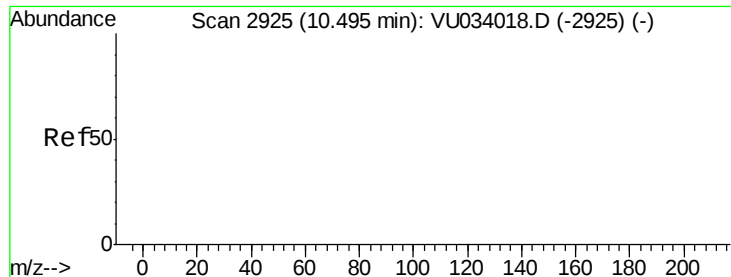
100000

0

10.70 10.75 10.80 10.85

Time-->

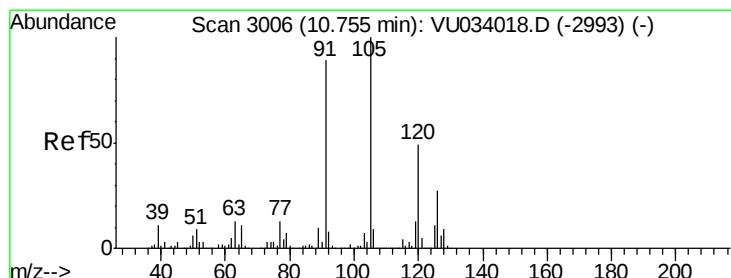
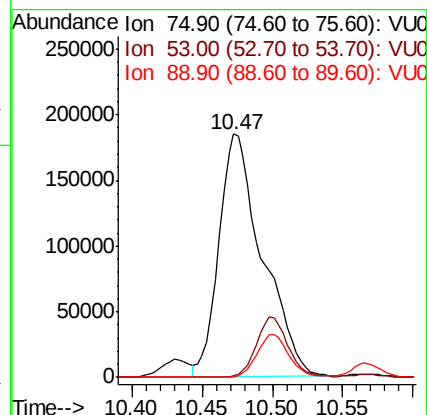
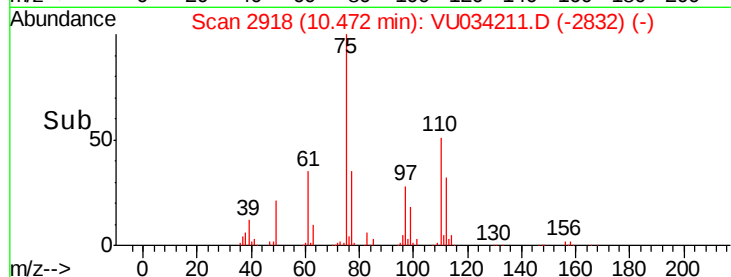
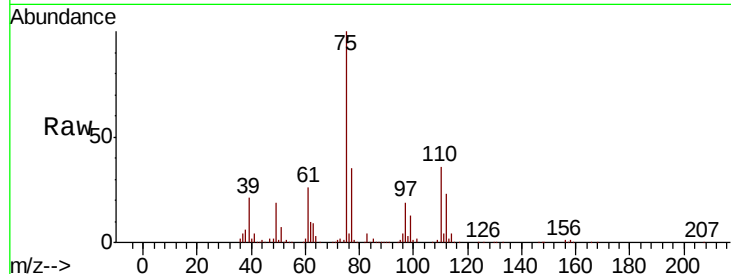




#81
trans-1,4-Dichloro-2-butene
Concen: 294.663 ug/l
RT: 10.47 min Scan# 2918
Delta R.T. -0.02 min
Lab File: VU034211.D
Acq: 02 Sep 2019 18:42

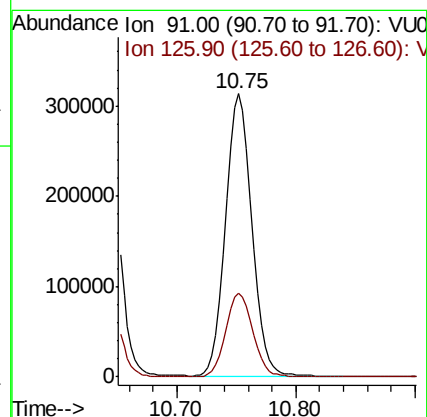
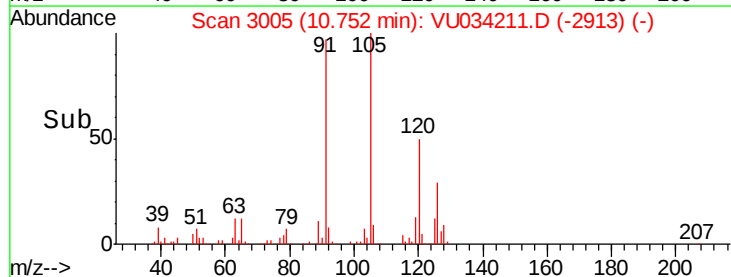
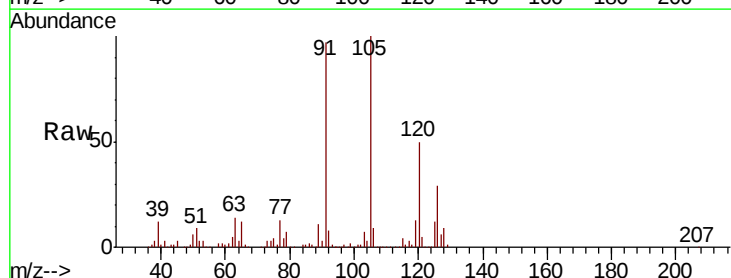
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

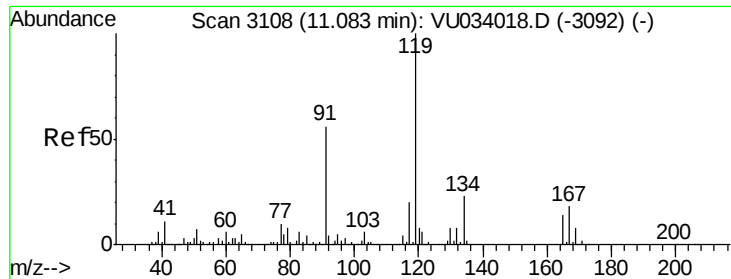
Tgt Ion: 75 Resp: 395259
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 44.450 ug/l
RT: 10.75 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VU034211.D
Acq: 02 Sep 2019 18:42

Tgt Ion: 91 Resp: 480687
Ion Ratio Lower Upper
91 100
126 30.3 15.0 45.1

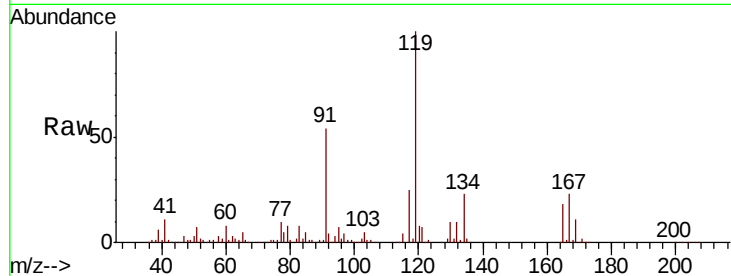




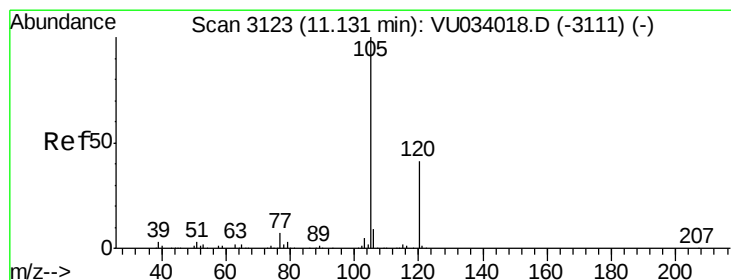
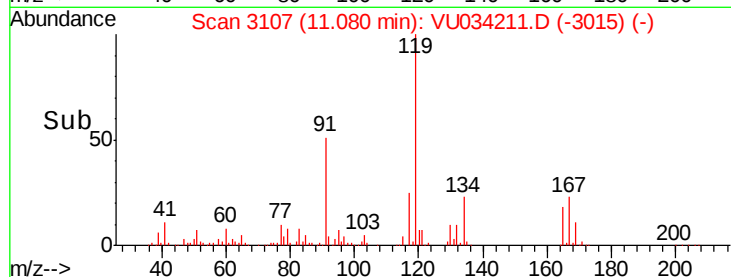
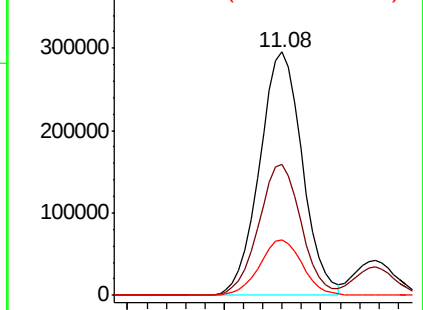
#83
 tert-Butylbenzene
 Concen: 40.516 ug/l
 RT: 11.08 min Scan# 3107
 Delta R.T. -0.00 min
 Lab File: VU034211.D
 Acq: 02 Sep 2019 18:42

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:119 Resp: 455057
 Ion Ratio Lower Upper
 119 100
 91 53.5 27.9 83.6
 134 22.8 11.4 34.2

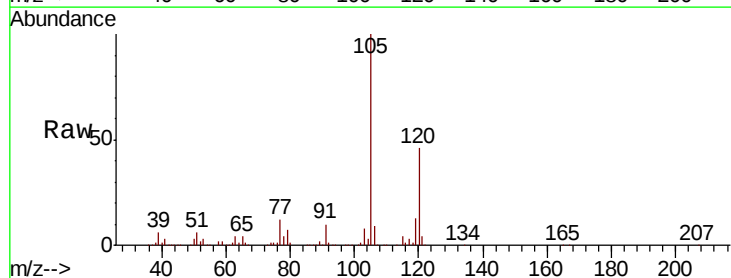


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

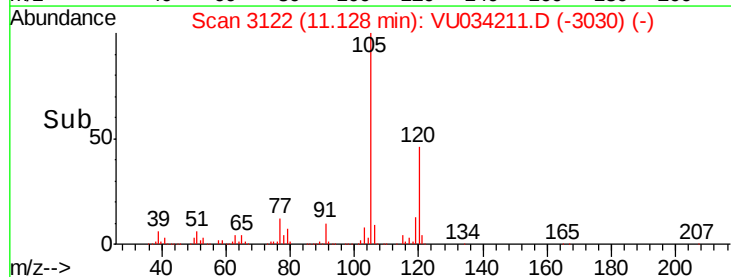
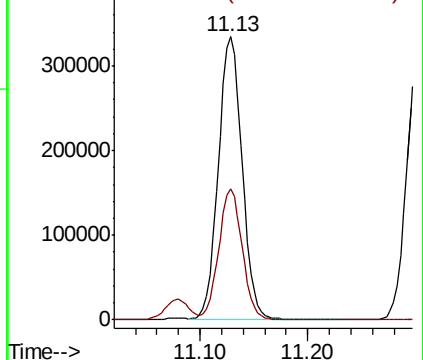


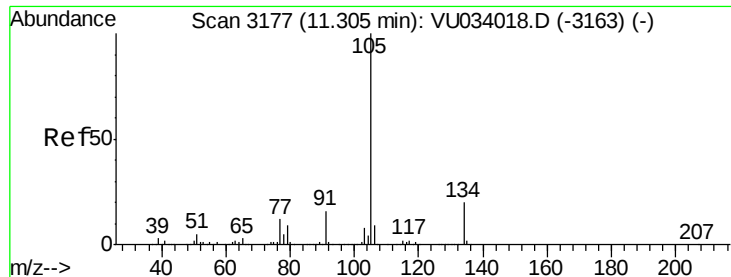
#84
 1,2,4-Trimethylbenzene
 Concen: 45.205 ug/l
 RT: 11.13 min Scan# 3122
 Delta R.T. -0.00 min
 Lab File: VU034211.D
 Acq: 02 Sep 2019 18:42

Tgt Ion:105 Resp: 512134
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.6 67.8



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

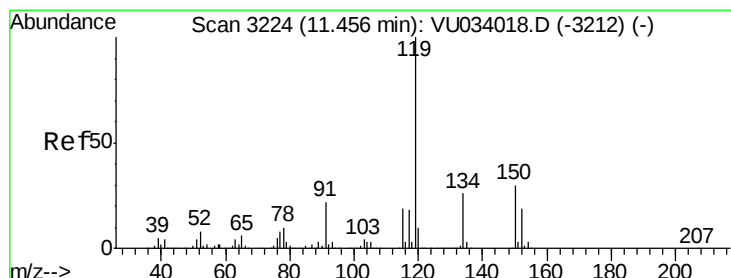
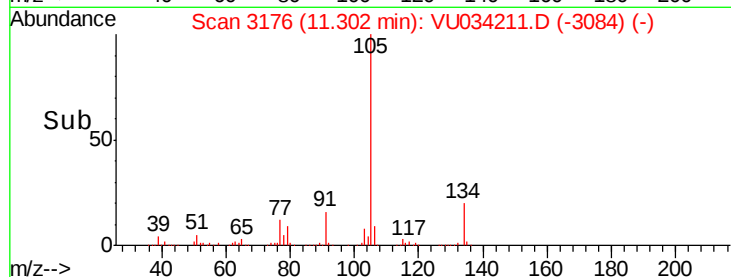
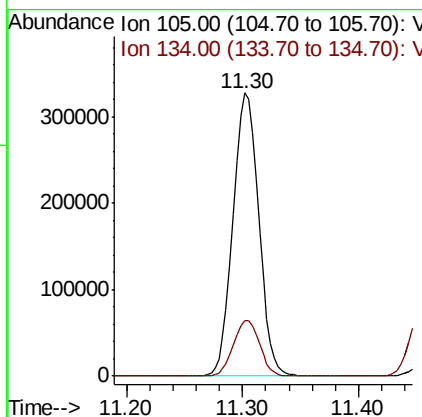
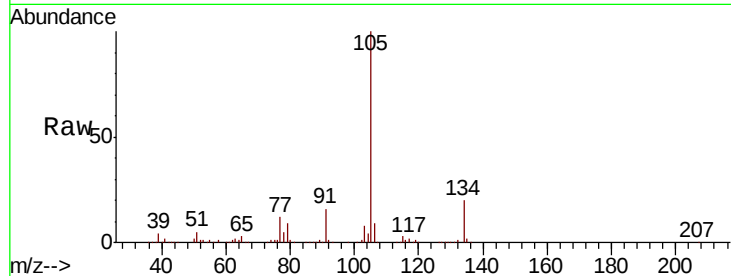




#85
 sec-Butylbenzene
 Concen: 37.163 ug/l
 RT: 11.30 min Scan# 3176
 Delta R.T. -0.00 min
 Lab File: VU034211.D
 Acq: 02 Sep 2019 18:42

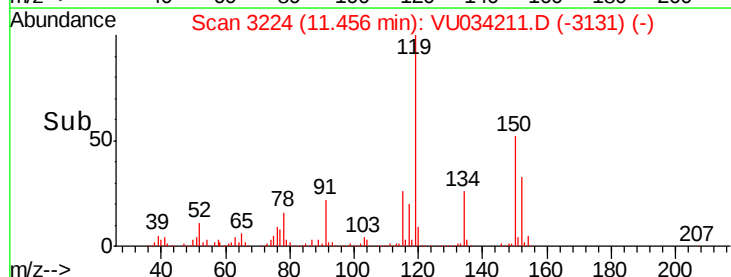
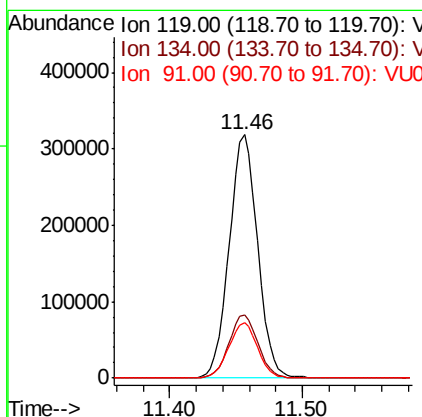
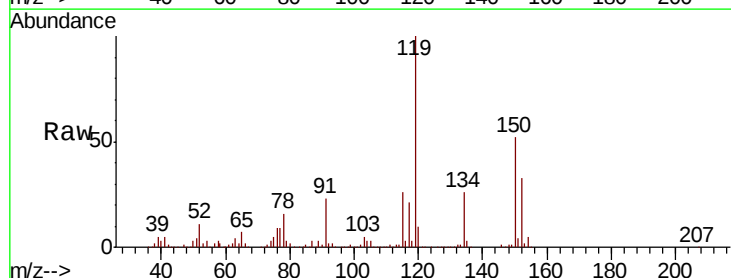
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

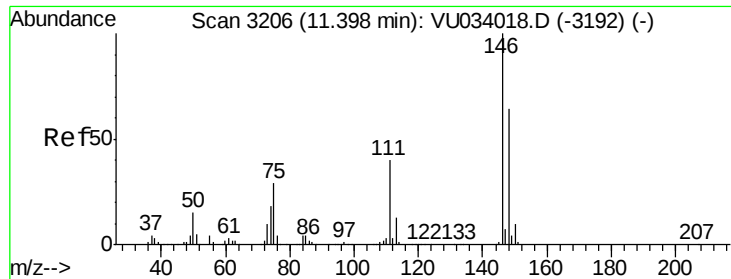
Tgt Ion:105 Resp: 500272
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 38.751 ug/l
 RT: 11.46 min Scan# 3224
 Delta R.T. -0.00 min
 Lab File: VU034211.D
 Acq: 02 Sep 2019 18:42

Tgt Ion:119 Resp: 471790
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.1 39.1
 91 22.9 11.2 33.6

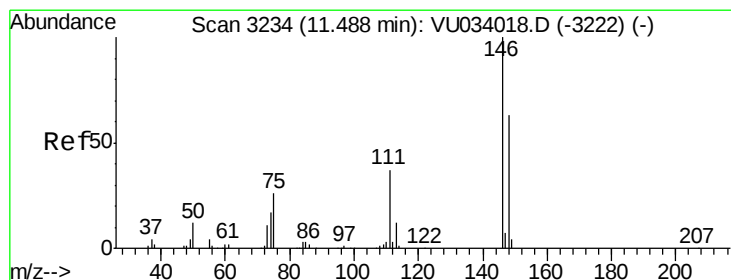
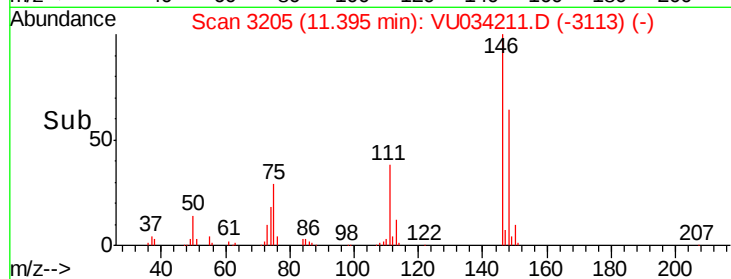
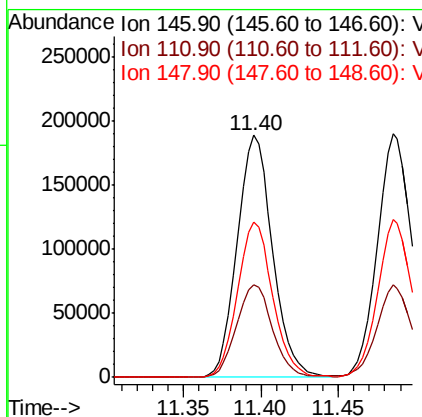
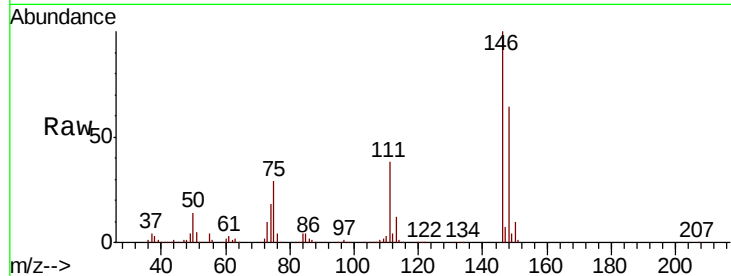




#87
 1,3-Dichlorobenzene
 Concen: 46.823 ug/l
 RT: 11.40 min Scan# 3205
 Delta R.T. -0.00 min
 Lab File: VU034211.D
 Acq: 02 Sep 2019 18:42

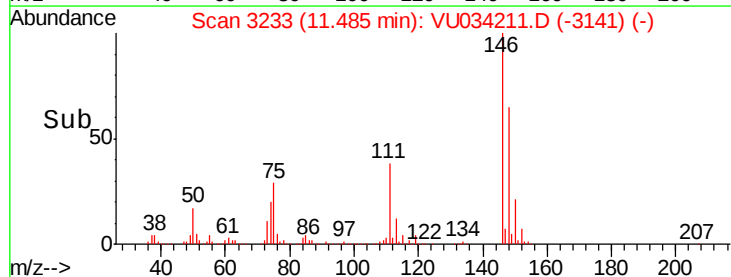
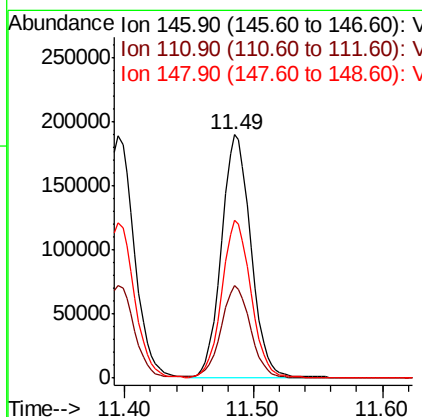
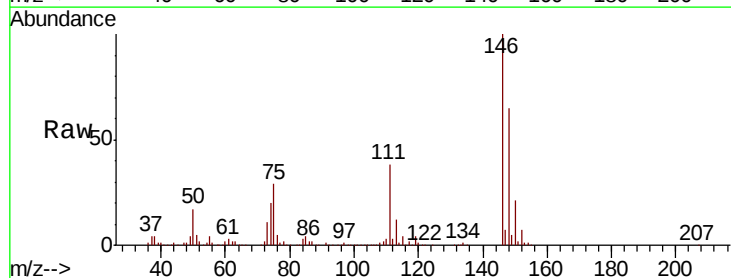
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

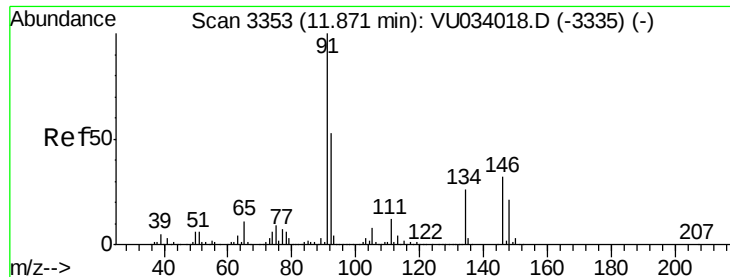
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.9	59.6
148	63.7	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 46.222 ug/l
 RT: 11.49 min Scan# 3233
 Delta R.T. -0.00 min
 Lab File: VU034211.D
 Acq: 02 Sep 2019 18:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.2	57.6
148	64.1	31.9	95.9





#89

n-Butylbenzene

Concen: 37.353 ug/l

RT: 11.87 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VU034211.D

Acq: 02 Sep 2019 18:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

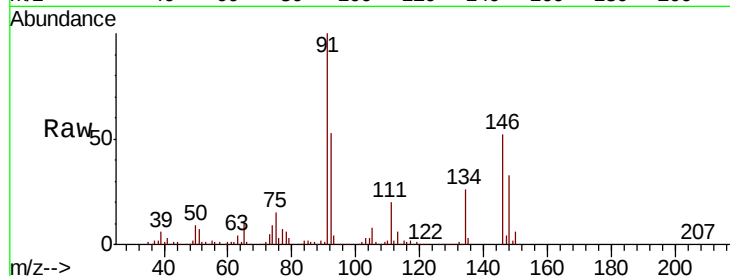
Tgt Ion: 91 Resp: 400948

Ion Ratio Lower Upper

91 100

92 52.8 26.3 78.9

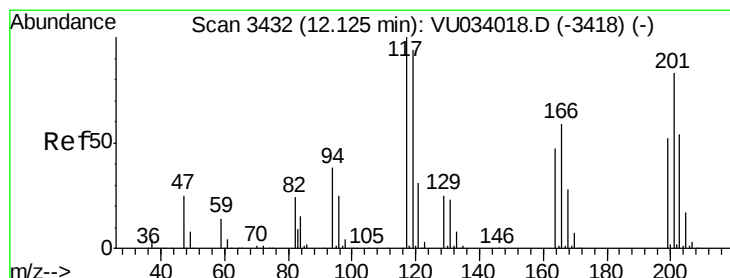
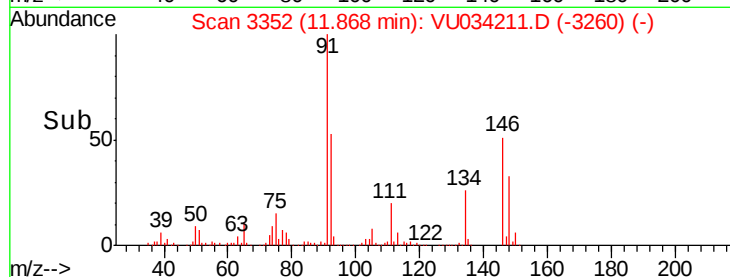
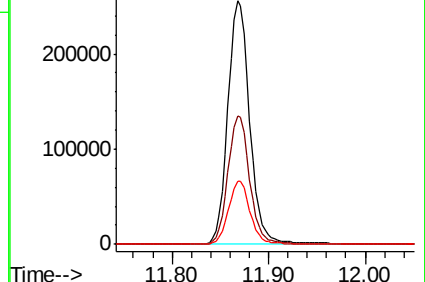
134 25.9 12.9 38.7



Abundance Ion 91.00 (90.70 to 91.70): VU034018.D (-3335) (-)

Ion 92.00 (91.70 to 92.70): VU034018.D (-3335) (-)

Ion 134.00 (133.70 to 134.70): VU034018.D (-3335) (-)



#90

Hexachloroethane

Concen: 34.635 ug/l

RT: 12.12 min Scan# 3431

Delta R.T. -0.00 min

Lab File: VU034211.D

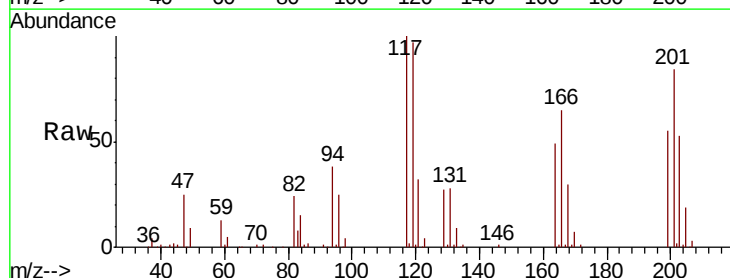
Acq: 02 Sep 2019 18:42

Tgt Ion: 117 Resp: 72905

Ion Ratio Lower Upper

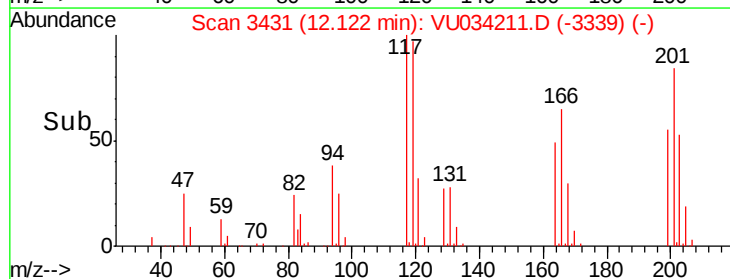
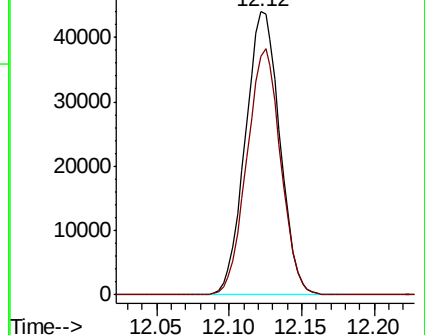
117 100

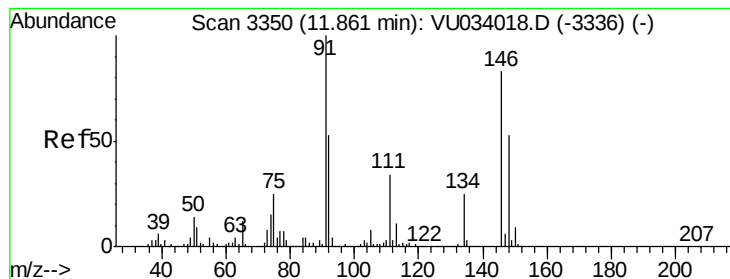
201 85.1 42.5 127.6



Abundance Ion 116.80 (116.50 to 117.50): VU034018.D (-3418) (-)

Ion 200.70 (200.40 to 201.40): VU034018.D (-3418) (-)





#91

1,2-Dichlorobenzene

Concen: 51.529 ug/l

RT: 11.86 min Scan# 3349

Delta R.T. -0.00 min

Lab File: VU034211.D

Acq: 02 Sep 2019 18:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

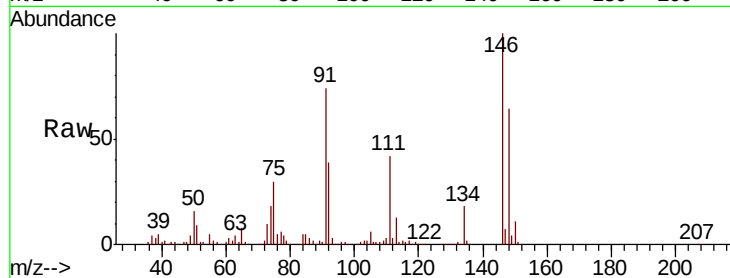
Tgt Ion:146 Resp: 316437

Ion Ratio Lower Upper

146 100

111 41.1 20.4 61.2

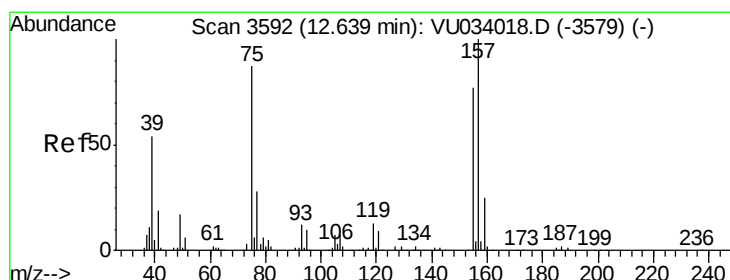
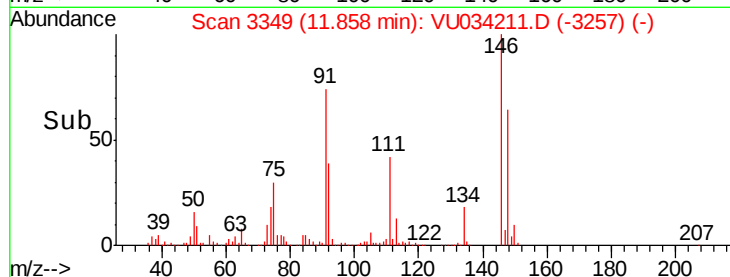
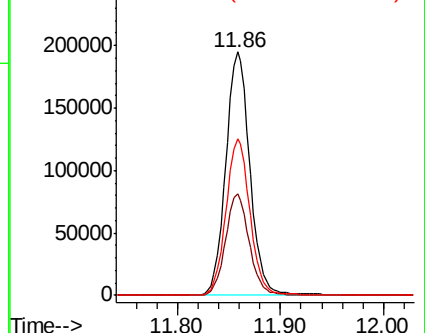
148 64.2 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 73.842 ug/l

RT: 12.64 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VU034211.D

Acq: 02 Sep 2019 18:42

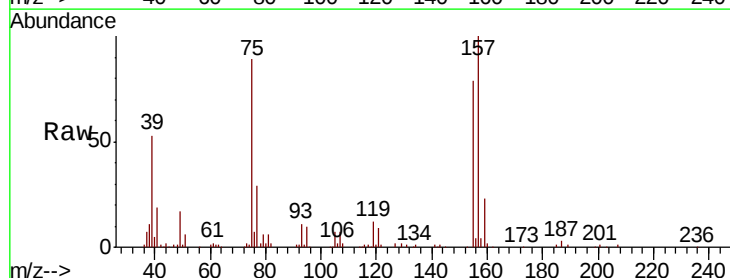
Tgt Ion: 75 Resp: 75794

Ion Ratio Lower Upper

75 100

155 86.8 43.5 130.7

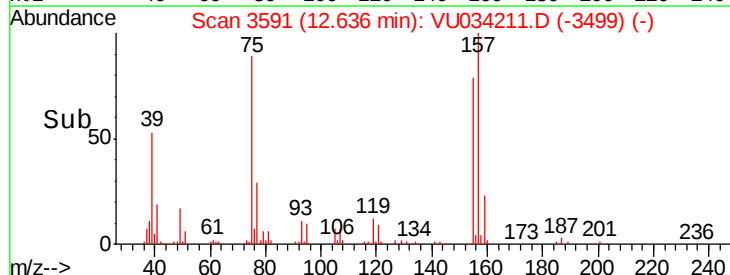
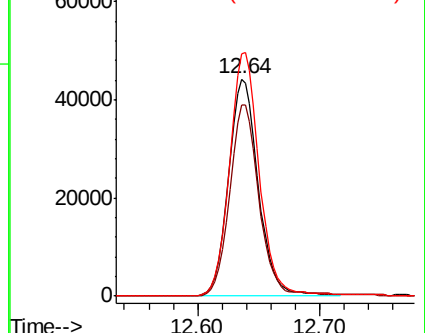
157 111.4 56.9 170.6

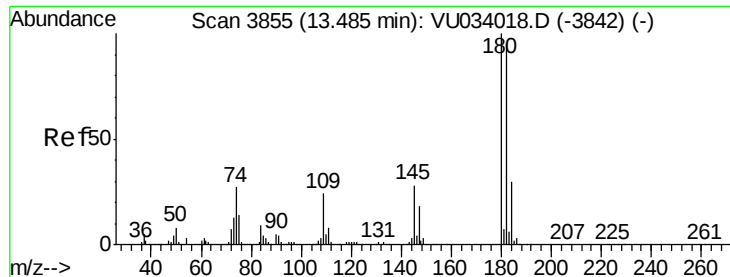


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

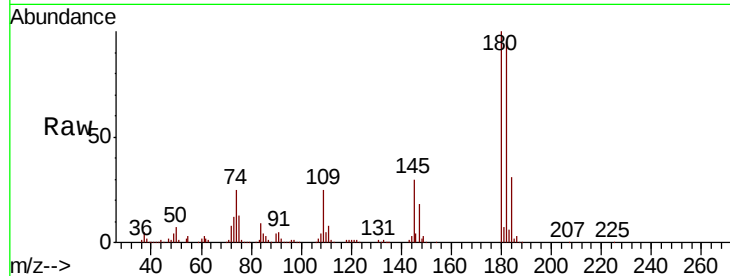




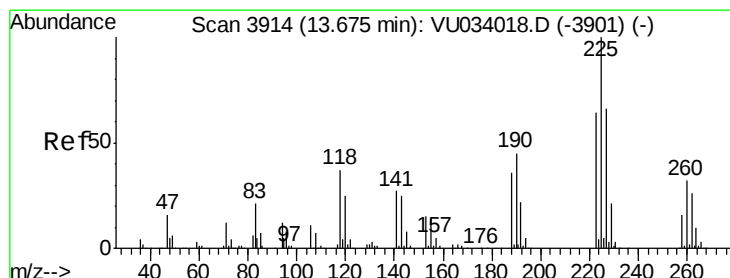
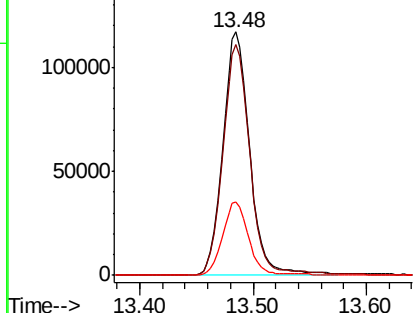
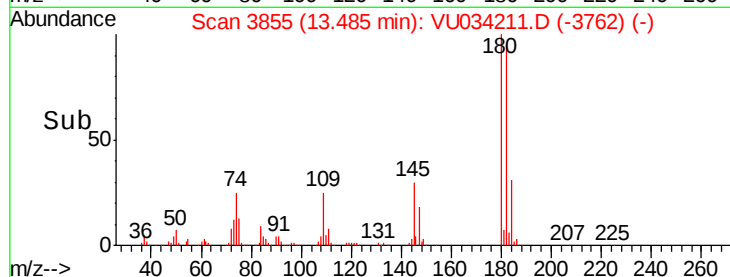
#93
 1,2,4-Trichlorobenzene
 Concen: 44.224 ug/l
 RT: 13.48 min Scan# 3855
 Delta R.T. -0.00 min
 Lab File: VU034211.D
 Acq: 02 Sep 2019 18:42

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 192593
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.4 142.2
 145 29.1 14.1 42.3

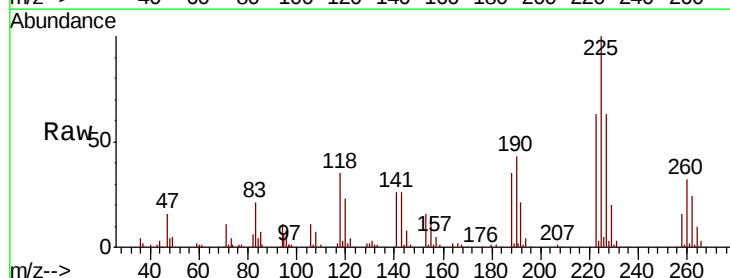


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

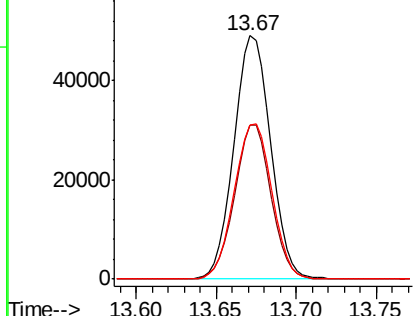
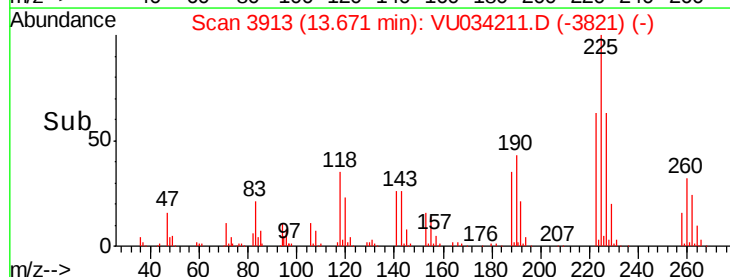


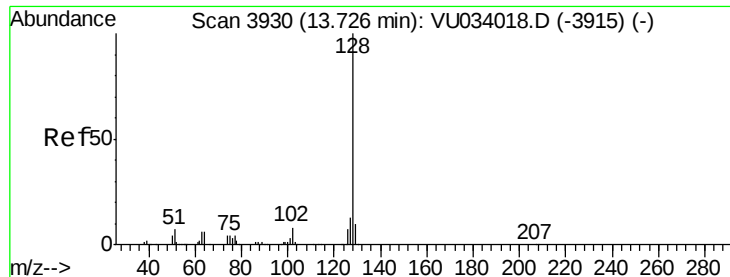
#94
 Hexachlorobutadiene
 Concen: 31.903 ug/l
 RT: 13.67 min Scan# 3913
 Delta R.T. -0.00 min
 Lab File: VU034211.D
 Acq: 02 Sep 2019 18:42

Tgt Ion:225 Resp: 76641
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.8 95.3
 227 65.3 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

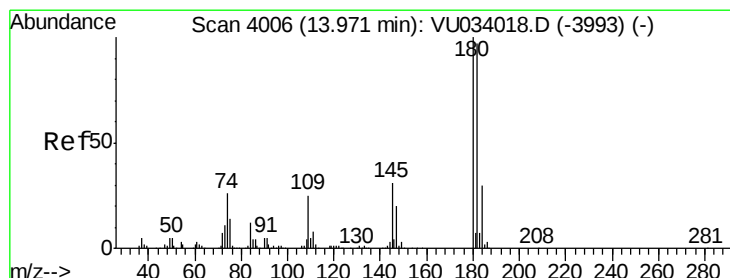
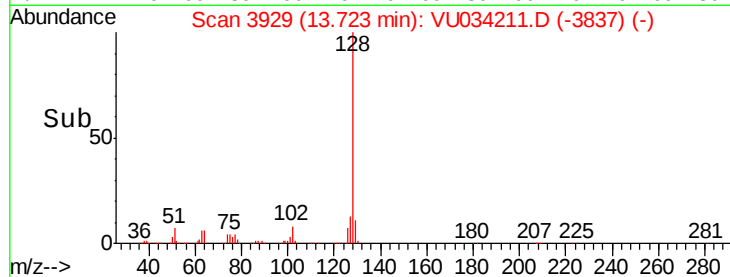
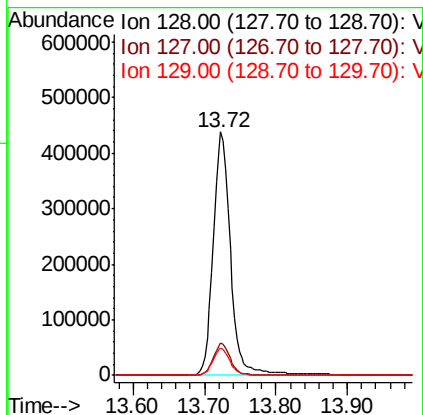
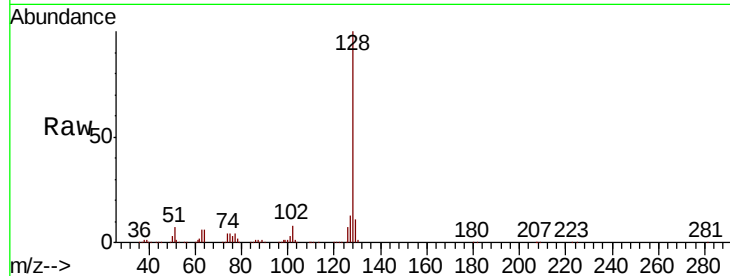




#95
Naphthalene
Concen: 59.050 ug/l
RT: 13.72 min Scan# 3929
Delta R.T. -0.00 min
Lab File: VU034211.D
Acq: 02 Sep 2019 18:42

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 742856
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.6 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 52.687 ug/l
RT: 13.97 min Scan# 4005
Delta R.T. -0.00 min
Lab File: VU034211.D
Acq: 02 Sep 2019 18:42

Tgt Ion:180 Resp: 207262
Ion Ratio Lower Upper
180 100
182 96.3 48.2 144.6
145 30.6 15.5 46.5

