

Data File : VU033205.D
Acq On : 11 Jul 2019 23:14
Operator : JC/SP
Sample : VU0711WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

Quant Time: Jul 12 05:32:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U071119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jul 12 05:19:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.72	96	30344	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.29	95	11738	1.02	ug/l	0.00
Spiked Amount	1.000		Recovery	=	102.00%	
68) 1,2-Dichlorobenzene-d4	11.85	152	12058	0.97	ug/l	0.00
Spiked Amount	1.000		Recovery	=	97.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	21987	1.854 ug/l	98
3) Chloromethane	1.32	50	26940	1.945 ug/l	97
4) Vinyl Chloride	1.39	62	27097	1.898 ug/l	99
5) Bromomethane	1.62	94	19515	2.191 ug/l	98
6) Chloroethane	1.69	64	16920	1.932 ug/l	98
7) Trichlorofluoromethane	1.87	101	36931	1.912 ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.27	101	18432	1.859 ug/l	99
9) 1,1-Dichloroethene	2.27	96	18296	1.828 ug/l	98
10) Iodomethane	2.40	142	18187	1.721 ug/l	99
11) Allyl Chloride	2.58	41	31203	1.866 ug/l	98
12) Acrylonitrile	2.92	53	10149	3.661 ug/l #	88
13) Acetone	2.31	43	21088	8.484 ug/l	98
14) Carbon Disulfide	2.46	76	68301	1.869 ug/l	99
15) Methylene Chloride	2.68	84	24718	1.847 ug/l	99
16) trans-1,2-Dichloroethene	2.96	96	23178	2.022 ug/l	86
17) 1,1-Dichloroethane	3.42	63	31488	1.892 ug/l	99
18) 2-Butanone	4.26	43	22439	9.036 ug/l	91
19) Cyclohexane	4.97	56	20704	1.627 ug/l	89
20) Methylcyclohexane	6.39	83	23787	1.784 ug/l	98
21) 2,2-Dichloropropane	4.20	77	22424	1.604 ug/l	99
22) cis-1,2-Dichloroethene	4.20	96	17777	1.867 ug/l	97
23) Diethyl Ether	2.09	59	15630	1.791 ug/l	95
24) tert-Butyl Alcohol	2.82	59	19106	17.961 ug/l	97
25) Methyl tert-Butyl Ether	2.98	73	54921	1.882 ug/l	100
26) Bromochloromethane	4.52	128	7467	1.770 ug/l	93
27) Chloroform	4.65	83	34881	1.898 ug/l	93
28) 1,1,1-Trichloroethane	4.89	97	27653	1.901 ug/l	99
29) 1,1-Dichloropropene	5.11	75	22910	1.867 ug/l	99
30) Carbon Tetrachloride	5.11	117	24224	1.885 ug/l	97
31) Isopropyl Ether	3.55	45	40857	1.828 ug/l	95
32) Ethyl-t-butyl ether	4.05	59	39745	1.824 ug/l	99
33) Tert-Amyl methyl ether	5.56	73	35809	1.784 ug/l	97
34) Propionitrile	4.32	54	5920	8.414 ug/l #	97
35) Benzene	5.36	78	66323	1.854 ug/l	99
36) 1,2-Dichloroethane	5.39	62	21859	1.888 ug/l	100
37) Trichloroethene	6.16	130	16857	1.803 ug/l	96
38) 1,2-Dichloropropane	6.41	63	18308	1.892 ug/l	99
39) Methacrylonitrile	4.54	41	4916	1.685 ug/l #	65
40) Methyl acrylate	4.41	55	7202	1.667 ug/l #	93
41) Tetrahydrofuran	4.64	42	5129	3.352 ug/l	99
42) 1-Chlorobutane	5.04	56	29717	1.783 ug/l	94

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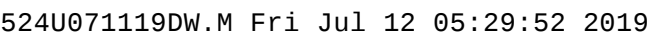
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

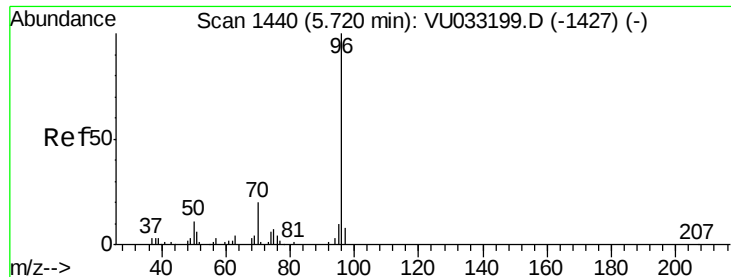
Quant Time: Jul 12 05:32:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U071119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.54	93	9466	1.829	ug/l	96
44) Bromodichloromethane	6.74	83	23723	1.860	ug/l	98
45) 4-Methyl-2-Pentanone	7.45	43	51753	8.882	ug/l	97
46) t-1,4-Dichloro-2-butene	10.48	75	11790	4.752	ug/l #	76
47) Methyl methacrylate	6.61	69	14498	3.463	ug/l	95
48) Ethyl methacrylate	8.01	69	13594	1.728	ug/l	96
49) Toluene	7.62	92	38437	1.821	ug/l	97
50) t-1,3-Dichloropropene	7.86	75	19996	1.768	ug/l	100
51) cis-1,3-Dichloropropene	7.25	75	23505	1.799	ug/l	97
52) 1,1,2-Trichloroethane	8.05	97	13846	1.928	ug/l	98
53) 1,3-Dichloropropane	8.22	76	22949	1.885	ug/l	100
54) 2-Hexanone	8.35	43	36305	8.915	ug/l	93
55) Dibromochloromethane	8.46	129	15368	1.849	ug/l	100
56) 1,2-Dibromoethane	8.57	107	12479	1.878	ug/l	99
58) Tetrachloroethene	8.21	164	16040	1.877	ug/l	98
59) Chlorobenzene	9.10	112	42126	1.776	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.19	131	16182	1.852	ug/l	98
61) Pentachloroethane	11.09	117	12247	1.783	ug/l	96
62) Hexachloroethane	12.13	117	11474	1.720	ug/l	95
63) Ethyl Benzene	9.23	91	67333	1.737	ug/l	99
64) m/p-Xylenes	9.36	106	54054	3.567	ug/l	93
65) o-Xylene	9.76	106	25409	1.725	ug/l	98
66) Styrene	9.78	104	43665	1.756	ug/l	98
67) Bromoform	9.94	173	8820	1.866	ug/l	97
69) Isopropylbenzene	10.15	105	67552	1.764	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.44	83	18235	1.865	ug/l	99
71) 1,2,3-Trichloropropane	10.48	75	11790	1.609	ug/l #	94
72) Bromobenzene	10.44	156	18245	1.837	ug/l	99
73) n-propylbenzene	10.57	120	18888	1.741	ug/l	98
74) 2-Chlorotoluene	10.64	126	18104	1.849	ug/l	91
75) 1,3,5-Trimethylbenzene	10.76	105	57927	1.748	ug/l	98
76) 4-Chlorotoluene	10.76	126	17855	1.786	ug/l	95
77) tert-Butylbenzene	11.08	119	55508	1.739	ug/l	98
78) 1,2,4-Trimethylbenzene	11.13	105	59779	1.765	ug/l	97
79) sec-Butylbenzene	11.31	105	76363	1.743	ug/l	100
80) Nitrobenzene	12.86	77	1618	7.161	ug/l #	93
81) p-Isopropyltoluene	11.46	119	62236	1.747	ug/l	99
82) 1,3-Dichlorobenzene	11.40	146	37965	1.852	ug/l	98
83) 1,4-Dichlorobenzene	11.49	146	38256	1.854	ug/l	99
84) n-Butylbenzene	11.87	91	61269	1.726	ug/l	98
85) 1,2-Dichlorobenzene	11.86	146	35894	1.831	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.64	75	2893	1.868	ug/l	94
87) 1,2,4-Trichlorobenzene	13.49	180	20597	1.706	ug/l	97
88) Hexachlorobutadiene	13.68	225	12502	1.793	ug/l	98
89) Naphthalene	13.73	128	35818	1.781	ug/l	99
90) 1,2,3-Trichlorobenzene	13.97	180	20442	1.773	ug/l	99

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

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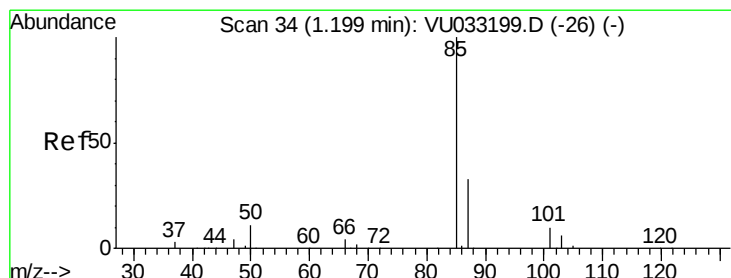
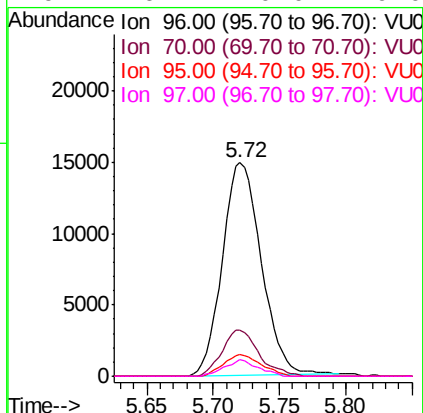
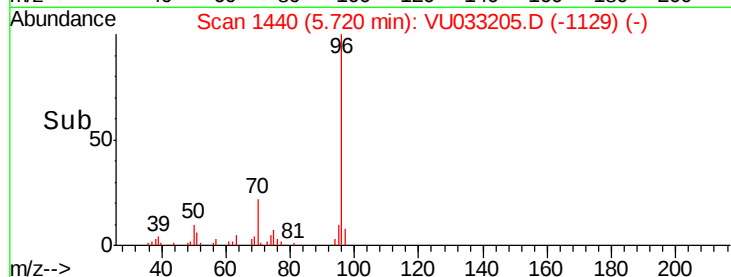
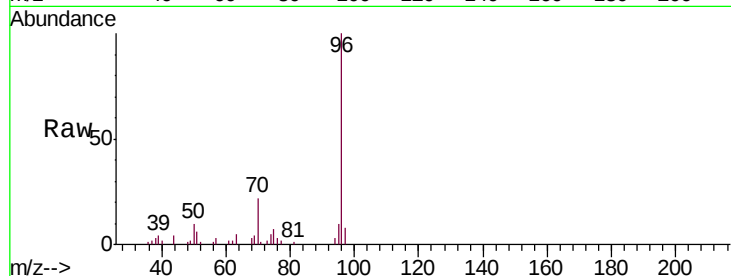




#1
 Fluorobenzene
 Concen: 1.000 ug/l
 RT: 5.72 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VU033205.D
 Acq: 11 Jul 2019 23:14

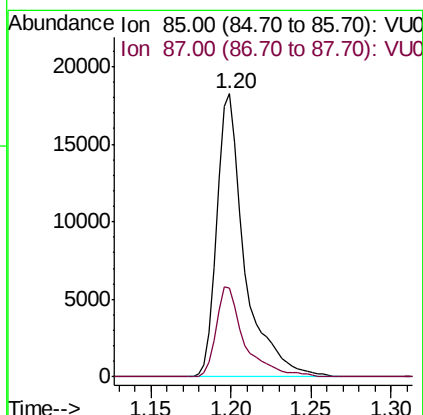
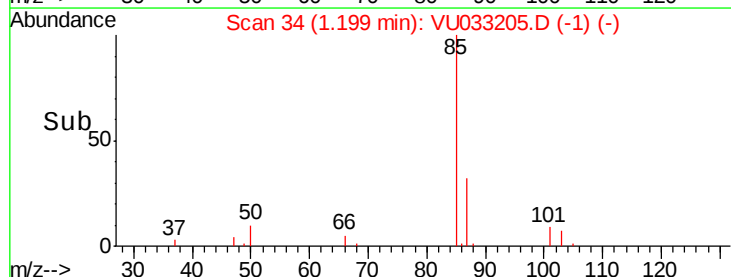
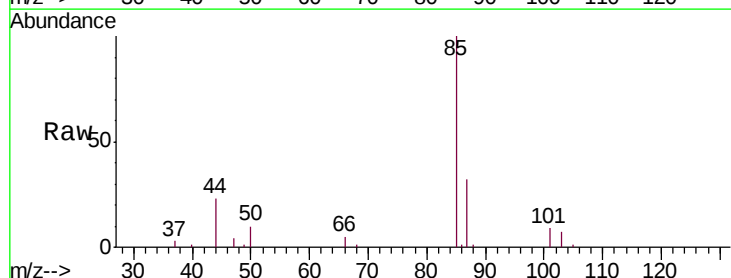
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0711WBS01

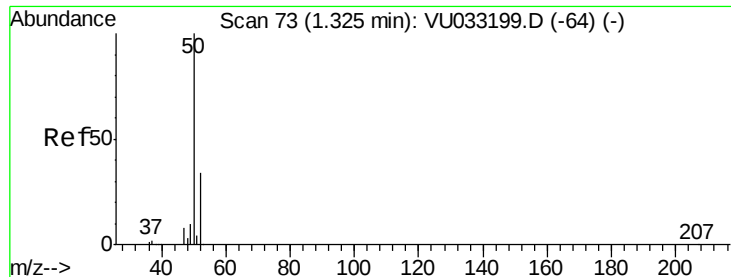
Tgt Ion:	96	Resp:	30344
Ion	Ratio	Lower	Upper
96	100		
70	20.5	16.2	24.4
95	9.7	7.8	11.8
97	6.7	0.0	0.0#



#2
 Dichlorodifluoromethane
 Concen: 1.854 ug/l
 RT: 1.20 min Scan# 34
 Delta R.T. 0.00 min
 Lab File: VU033205.D
 Acq: 11 Jul 2019 23:14

Tgt Ion:	85	Resp:	21987
Ion	Ratio	Lower	Upper
85	100		
87	31.5	16.4	49.1





#3

Chloromethane

Concen: 1.945 ug/l

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VU033205.D

Acq: 11 Jul 2019 23:14

Instrument :

MSVOA_U

ClientSampleId :

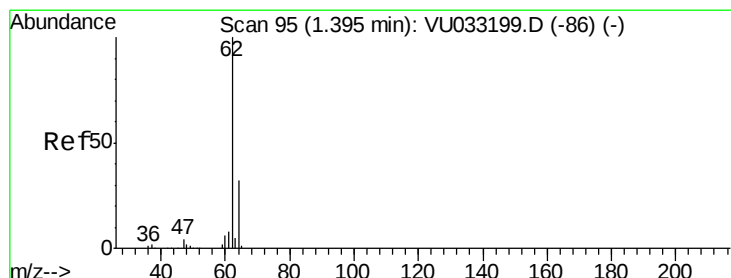
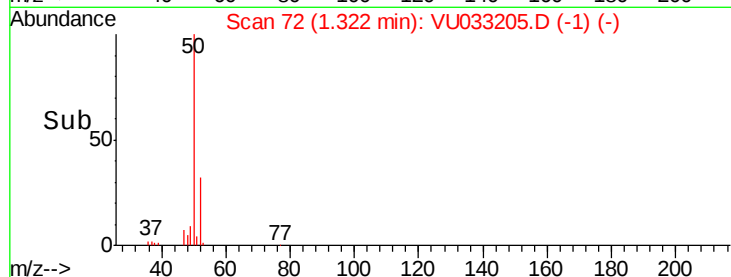
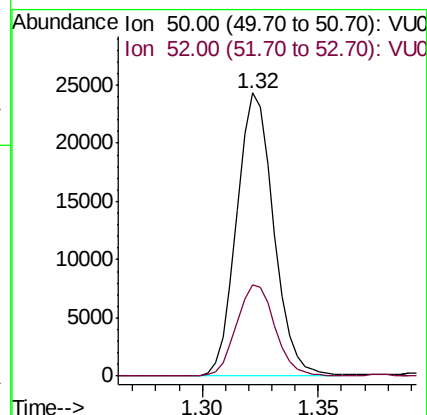
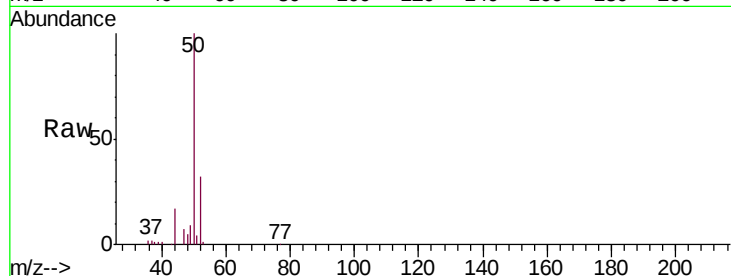
VU0711WBS01

Tgt Ion: 50 Resp: 26940

Ion Ratio Lower Upper

50 100

52 32.1 27.0 40.4



#4

Vinyl Chloride

Concen: 1.898 ug/l

RT: 1.39 min Scan# 94

Delta R.T. -0.00 min

Lab File: VU033205.D

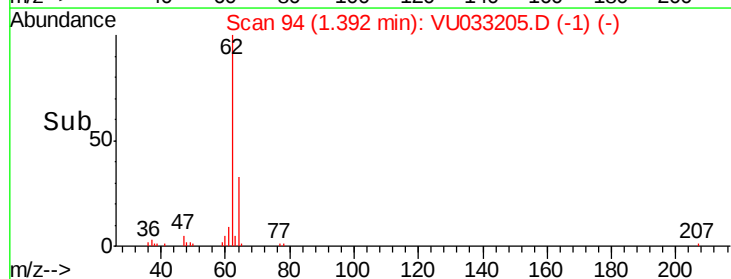
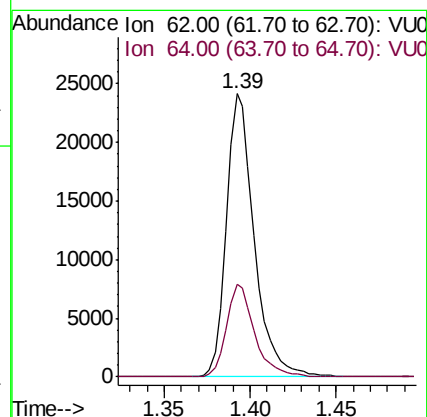
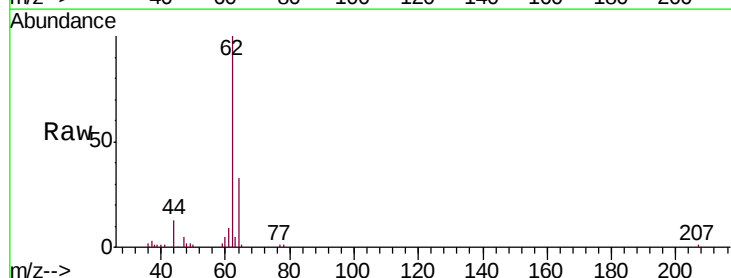
Acq: 11 Jul 2019 23:14

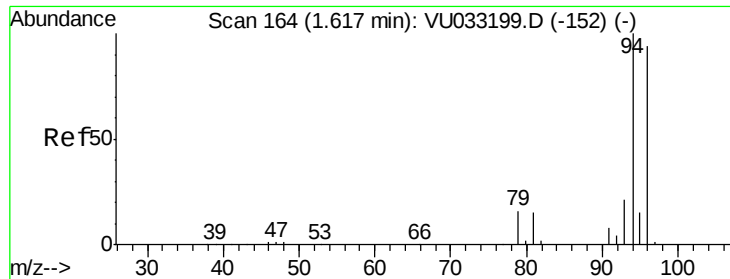
Tgt Ion: 62 Resp: 27097

Ion Ratio Lower Upper

62 100

64 32.5 25.7 38.5





#5

Bromomethane

Concen: 2.191 ug/l

RT: 1.62 min Scan# 165

Delta R.T. 0.00 min

Lab File: VU033205.D

Acq: 11 Jul 2019 23:14

Instrument :

MSVOA_U

ClientSampleId :

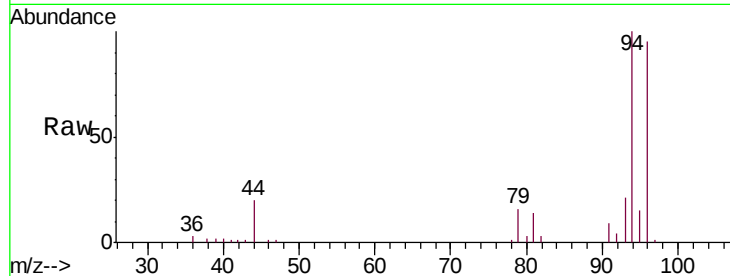
VU0711WBS01

Tgt Ion: 94 Resp: 19515

Ion Ratio Lower Upper

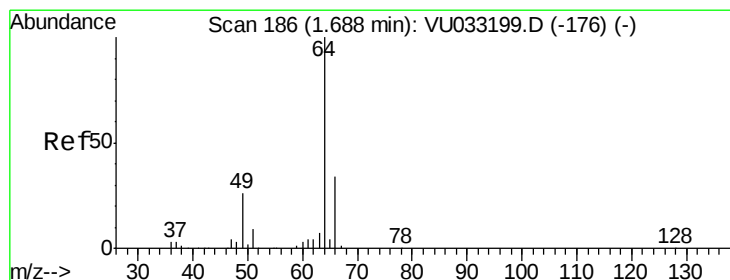
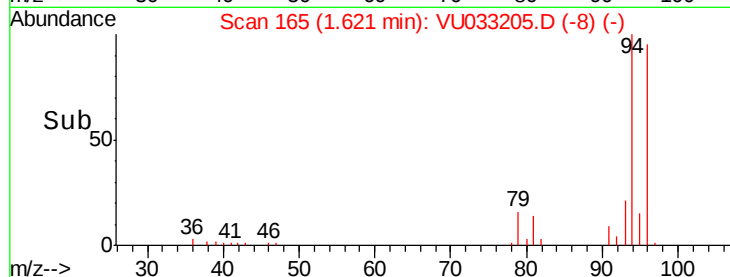
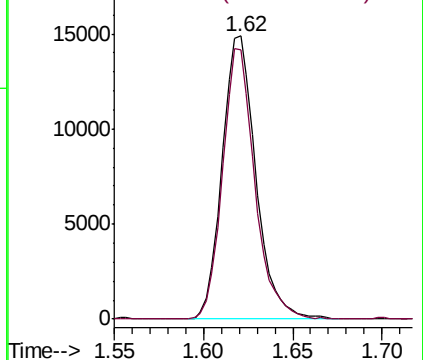
94 100

96 95.4 74.8 112.2



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#6

Chloroethane

Concen: 1.932 ug/l

RT: 1.69 min Scan# 186

Delta R.T. 0.00 min

Lab File: VU033205.D

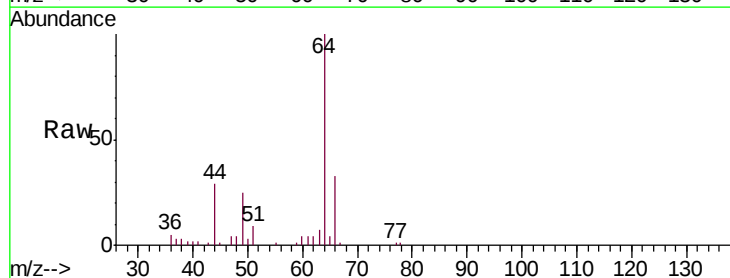
Acq: 11 Jul 2019 23:14

Tgt Ion: 64 Resp: 16920

Ion Ratio Lower Upper

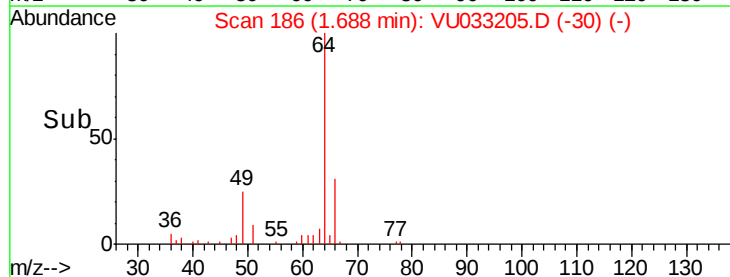
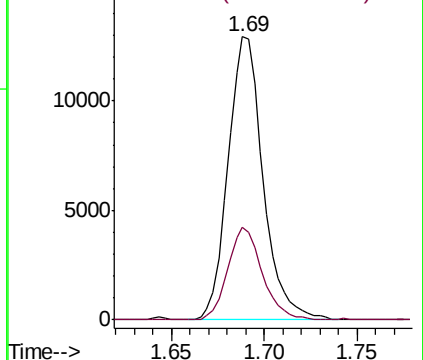
64 100

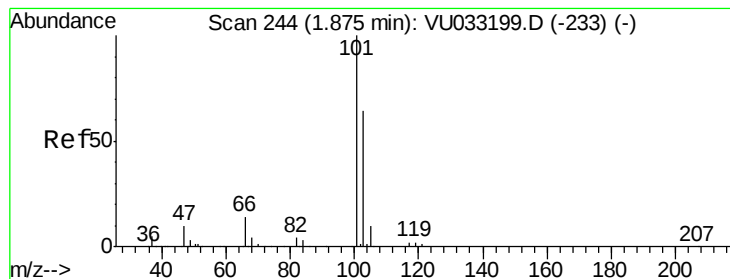
66 32.6 27.0 40.4



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0





#7

Trichlorofluoromethane

Concen: 1.912 ug/l

RT: 1.87 min Scan# 244

Delta R.T. 0.00 min

Lab File: VU033205.D

Acq: 11 Jul 2019 23:14

Instrument :

MSVOA_U

ClientSampleId :

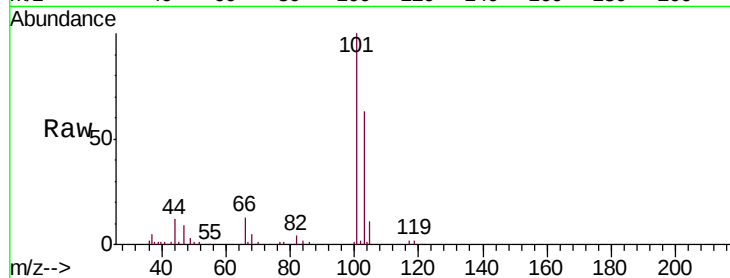
VU0711WBS01

Tgt Ion:101 Resp: 36931

Ion Ratio Lower Upper

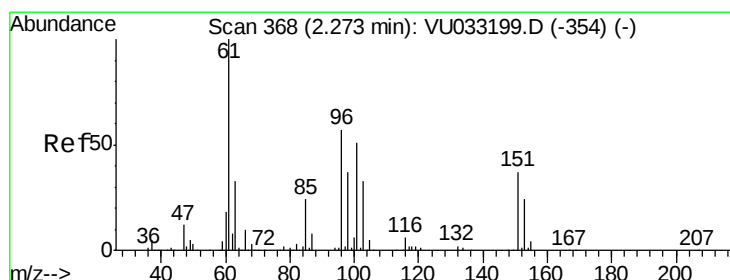
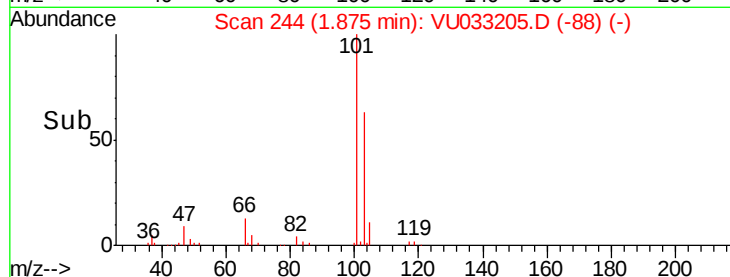
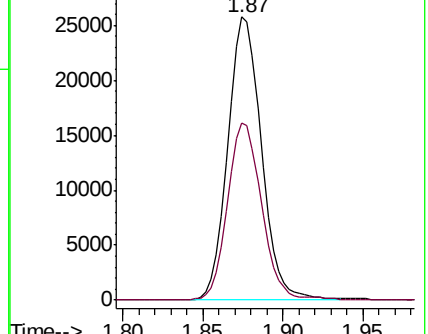
101 100

103 62.6 51.0 76.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.859 ug/l

RT: 2.27 min Scan# 368

Delta R.T. 0.00 min

Lab File: VU033205.D

Acq: 11 Jul 2019 23:14

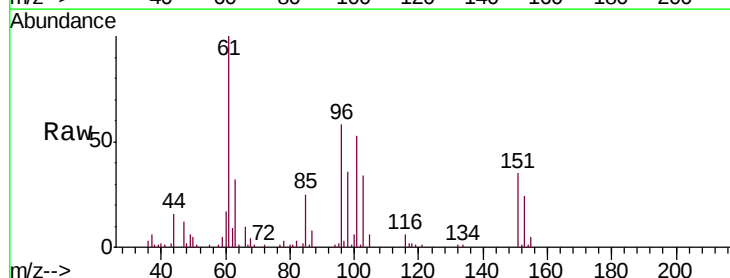
Tgt Ion:101 Resp: 18432

Ion Ratio Lower Upper

101 100

85 47.4 37.7 56.5

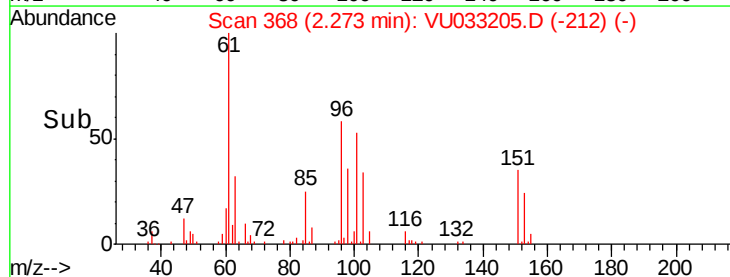
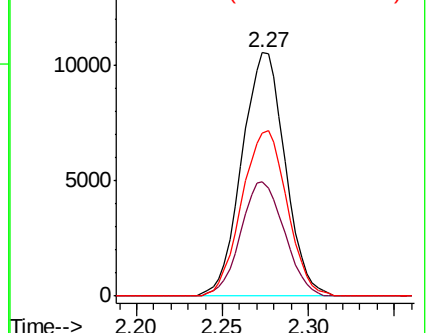
151 71.1 58.2 87.2

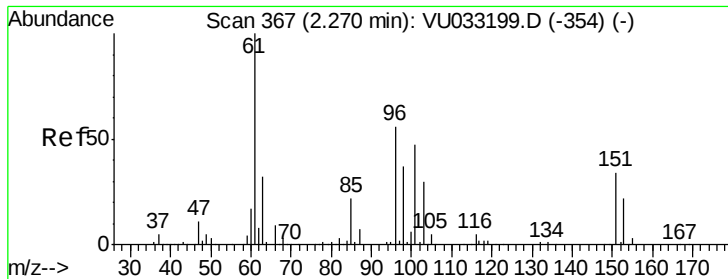


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#9

1,1-Dichloroethene

Concen: 1.828 ug/l

RT: 2.27 min Scan# 367

Delta R.T. 0.00 min

Lab File: VU033205.D

Acq: 11 Jul 2019 23:14

Instrument :

MSVOA_U

ClientSampleId :

VU0711WBS01

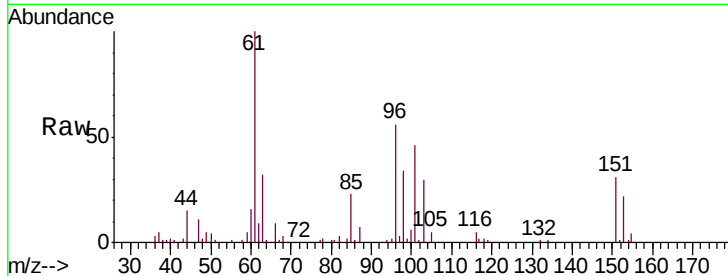
Tgt Ion: 96 Resp: 18296

Ion Ratio Lower Upper

96 100

61 179.0 0.0 533.7

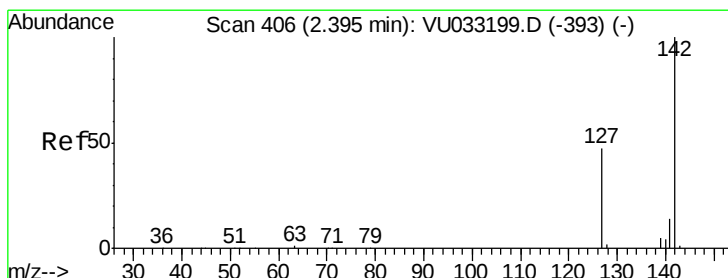
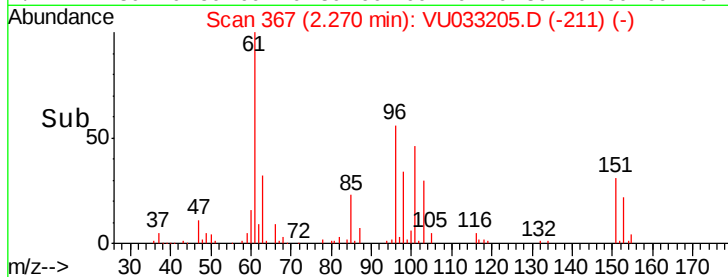
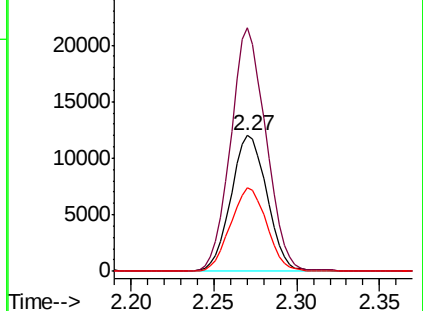
98 61.2 0.0 129.8



Abundance Ion 96.00 (95.70 to 96.70): VU033205.D (-211) (-)

Ion 61.00 (60.70 to 61.70): VU033205.D (-211) (-)

Ion 98.00 (97.70 to 98.70): VU033205.D (-211) (-)



#10

Iodomethane

Concen: 1.721 ug/l

RT: 2.40 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU033205.D

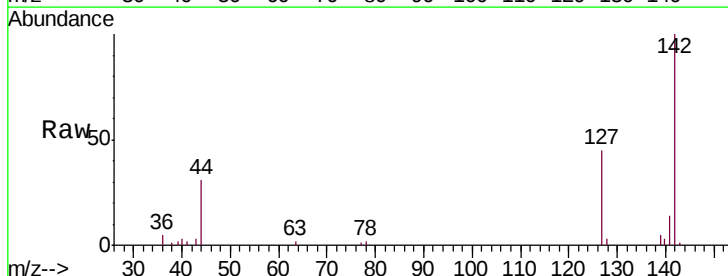
Acq: 11 Jul 2019 23:14

Tgt Ion: 142 Resp: 18187

Ion Ratio Lower Upper

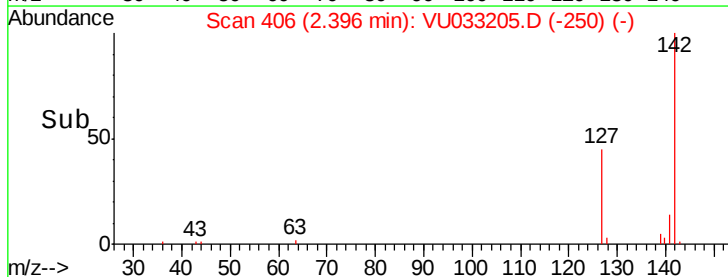
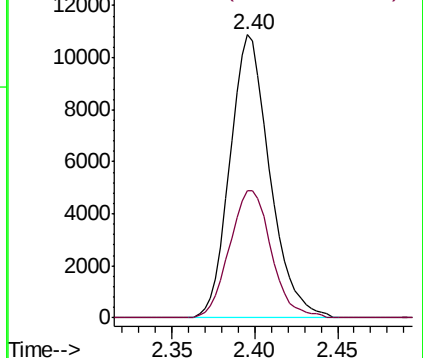
142 100

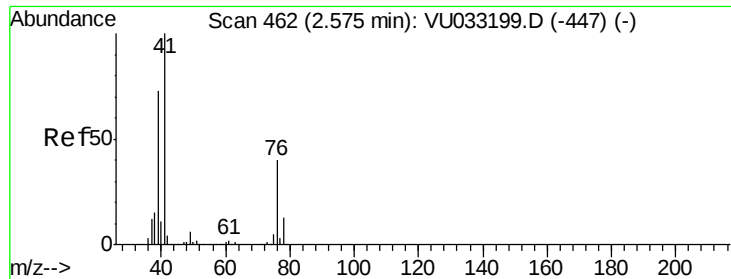
127 47.1 37.0 55.4



Abundance Ion 142.00 (141.70 to 142.70): VU033205.D (-250) (-)

Ion 127.00 (126.70 to 127.70): VU033205.D (-250) (-)

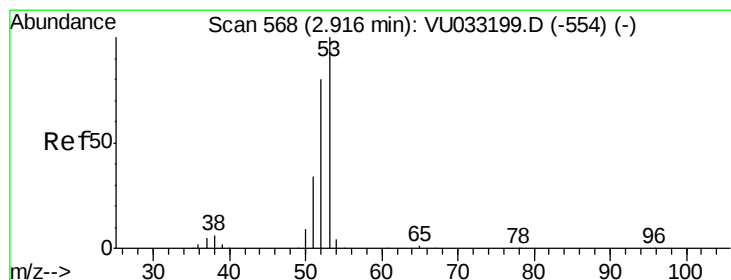
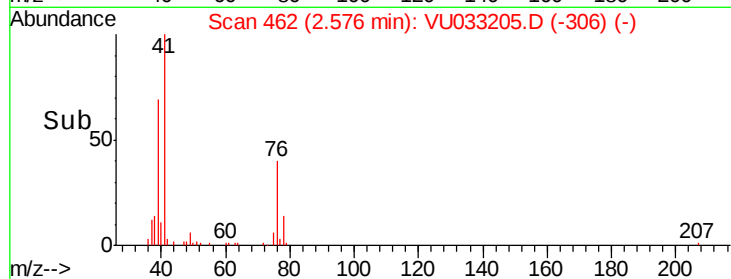
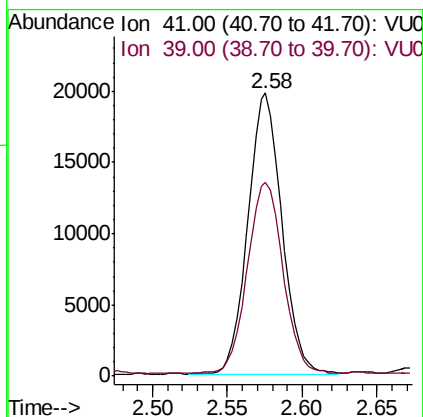
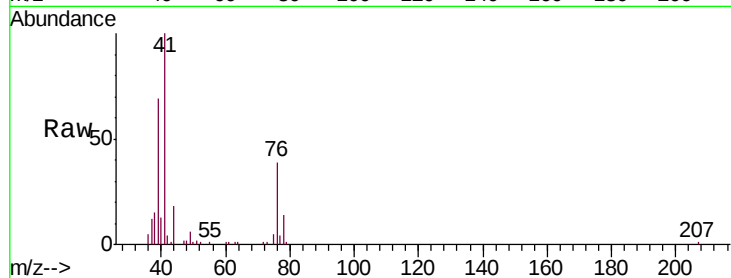




#11
 Allyl Chloride
 Concen: 1.866 ug/l
 RT: 2.58 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: VU033205.D
 Acq: 11 Jul 2019 23:14

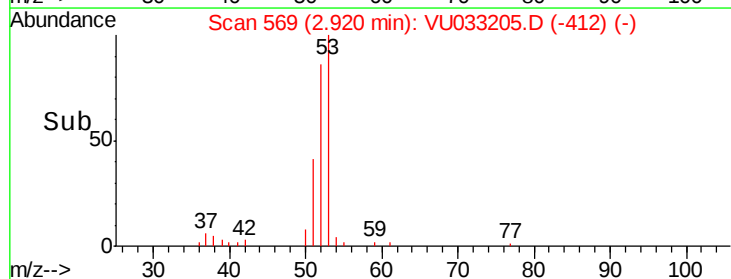
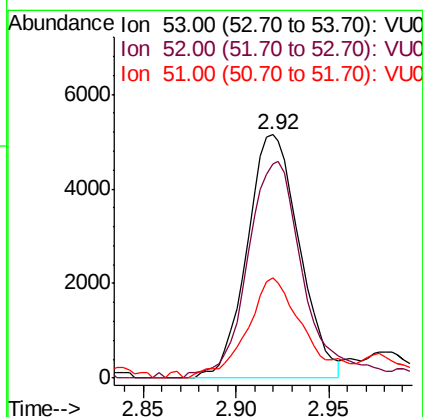
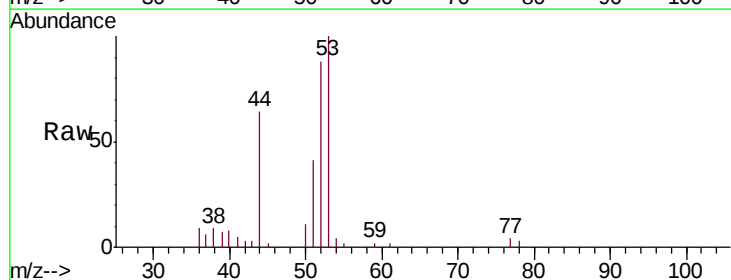
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0711WBS01

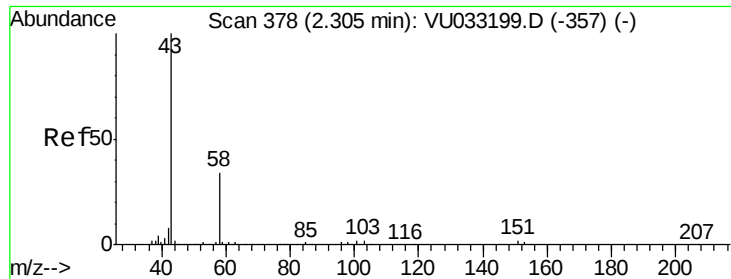
Tgt Ion: 41 Resp: 31203
 Ion Ratio Lower Upper
 41 100
 39 71.8 58.7 88.1



#12
 Acrylonitrile
 Concen: 3.661 ug/l
 RT: 2.92 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: VU033205.D
 Acq: 11 Jul 2019 23:14

Tgt Ion: 53 Resp: 10149
 Ion Ratio Lower Upper
 53 100
 52 94.6 68.3 102.5
 51 44.8 28.7 43.1#





#13

Acetone

Concen: 8.484 ug/l

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU033205.D

Acq: 11 Jul 2019 23:14

Instrument :

MSVOA_U

ClientSampleId :

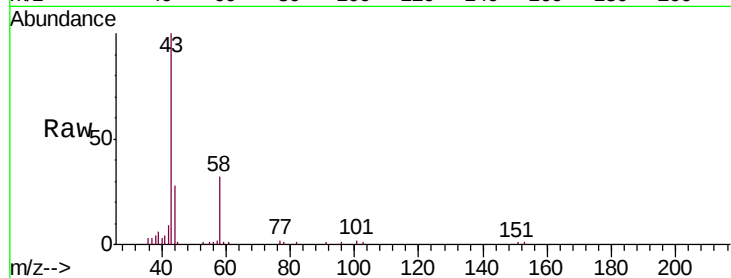
VU0711WBS01

Tgt Ion: 43 Resp: 21088

Ion Ratio Lower Upper

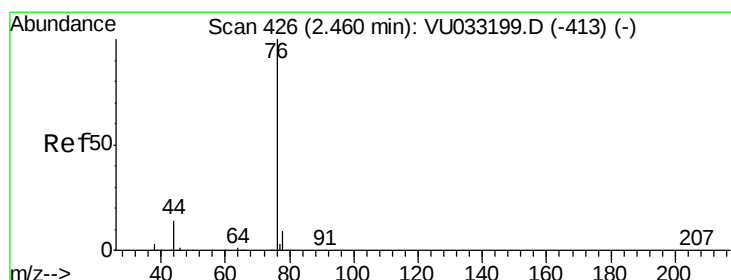
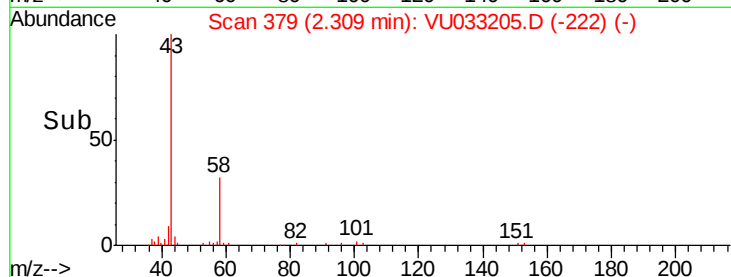
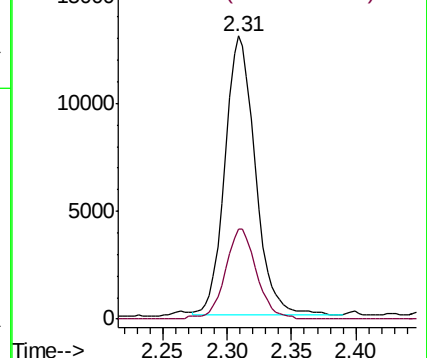
43 100

58 32.5 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#14

Carbon Disulfide

Concen: 1.869 ug/l

RT: 2.46 min Scan# 426

Delta R.T. 0.00 min

Lab File: VU033205.D

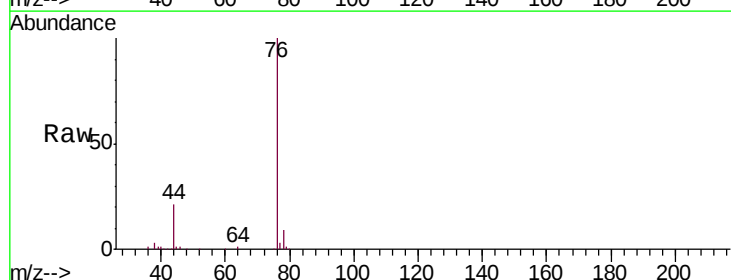
Acq: 11 Jul 2019 23:14

Tgt Ion: 76 Resp: 68301

Ion Ratio Lower Upper

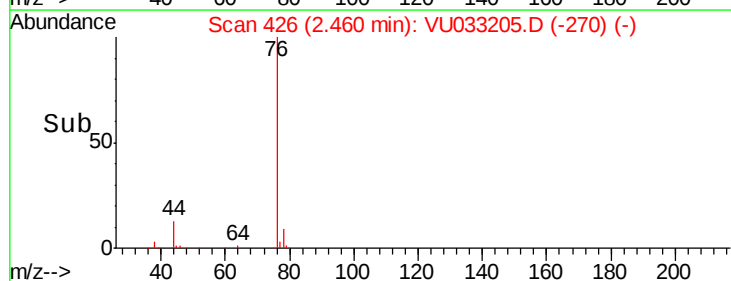
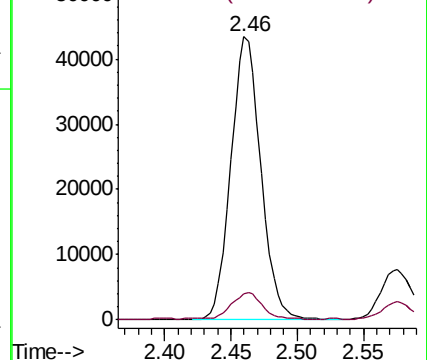
76 100

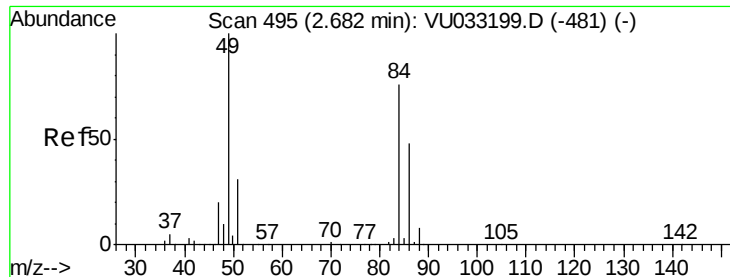
78 8.8 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0

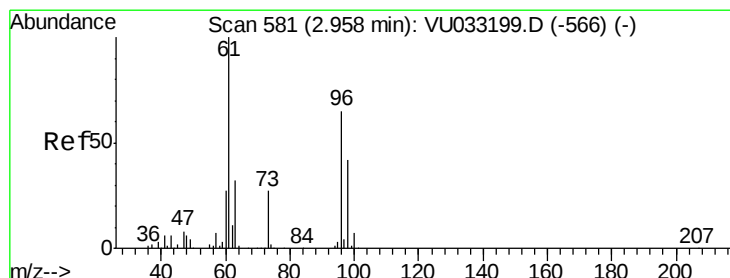
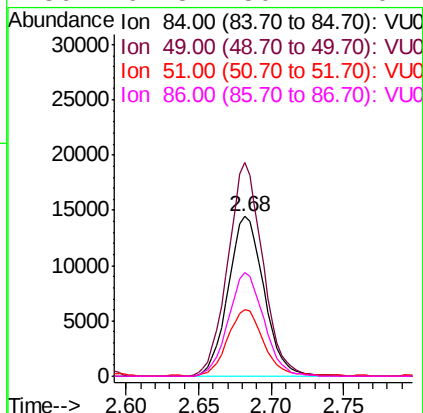
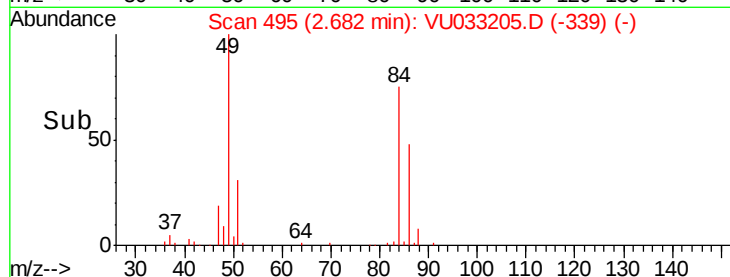
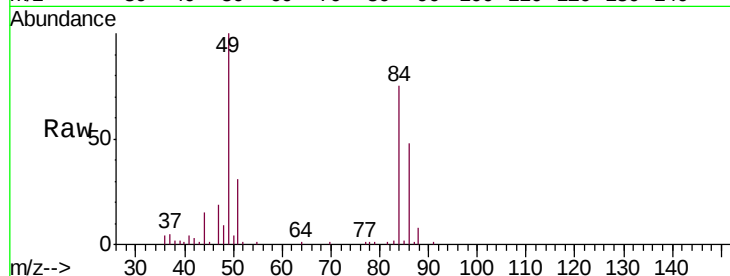




#15
Methylene Chloride
Concen: 1.847 ug/l
RT: 2.68 min Scan# 495
Delta R.T. 0.00 min
Lab File: VU033205.D
Acq: 11 Jul 2019 23:14

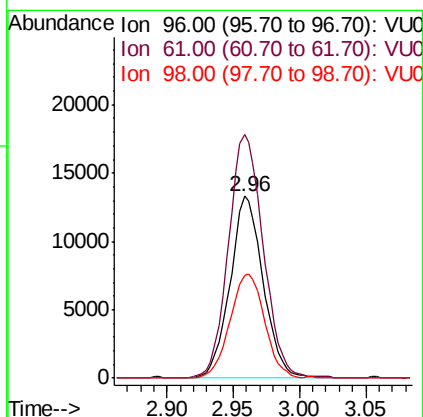
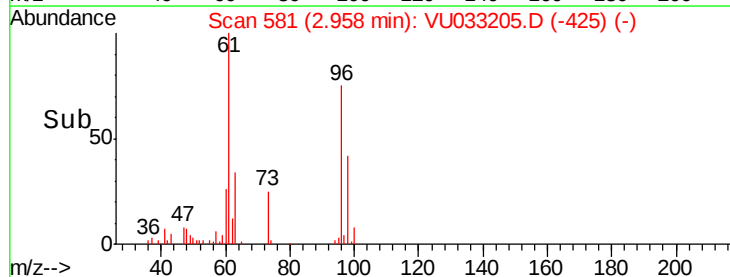
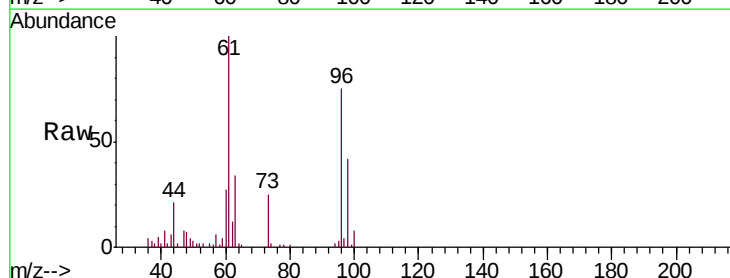
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

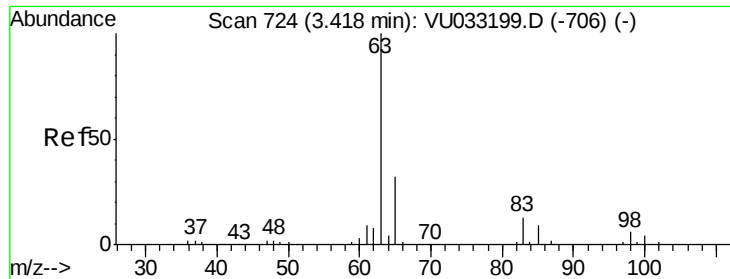
Tgt Ion: 84 Resp: 24718
Ion Ratio Lower Upper
84 100
49 133.6 105.8 158.8
51 41.3 0.0 82.0
86 64.8 50.7 76.1



#16
trans-1,2-Dichloroethene
Concen: 2.022 ug/l
RT: 2.96 min Scan# 581
Delta R.T. 0.00 min
Lab File: VU033205.D
Acq: 11 Jul 2019 23:14

Tgt Ion: 96 Resp: 23178
Ion Ratio Lower Upper
96 100
61 133.9 122.6 184.0
98 56.7 52.0 78.0

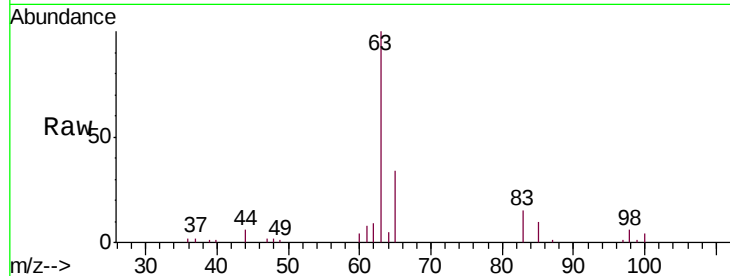




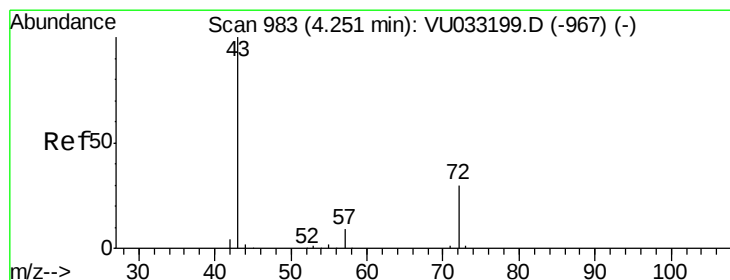
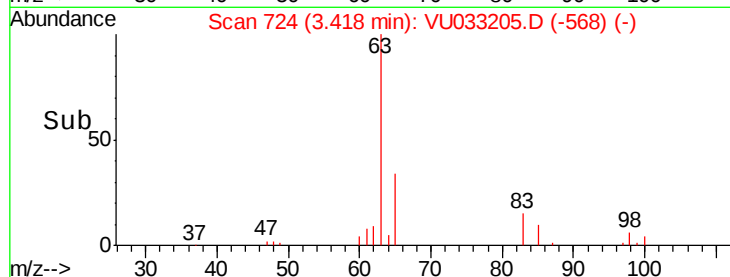
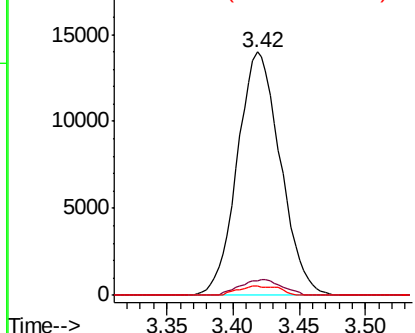
#17
 1,1-Dichloroethane
 Concen: 1.892 ug/l
 RT: 3.42 min Scan# 724
 Delta R.T. 0.00 min
 Lab File: VU033205.D
 Acq: 11 Jul 2019 23:14

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0711WBS01

Tgt Ion: 63 Resp: 31488
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.3 9.8
 100 3.7 1.8 5.4

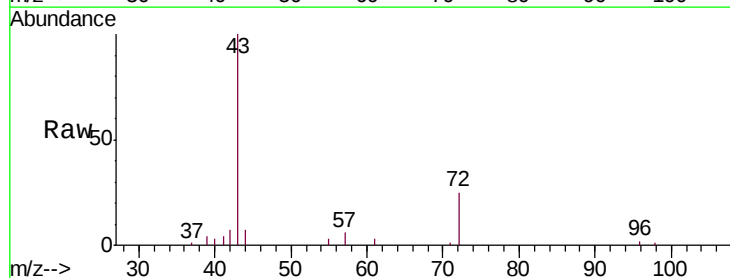


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

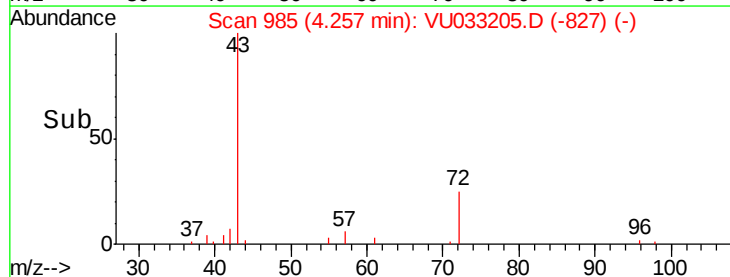
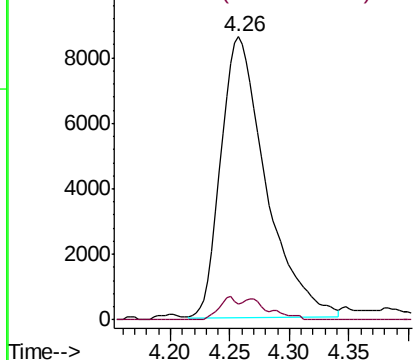


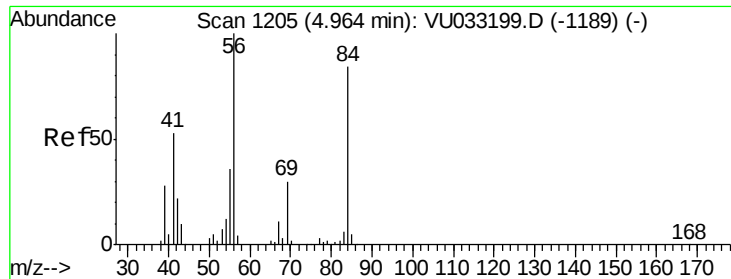
#18
 2-Butanone
 Concen: 9.036 ug/l
 RT: 4.26 min Scan# 985
 Delta R.T. 0.01 min
 Lab File: VU033205.D
 Acq: 11 Jul 2019 23:14

Tgt Ion: 43 Resp: 22439
 Ion Ratio Lower Upper
 43 100
 57 5.9 0.0 18.4



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 57.00 (56.70 to 57.70): VU0

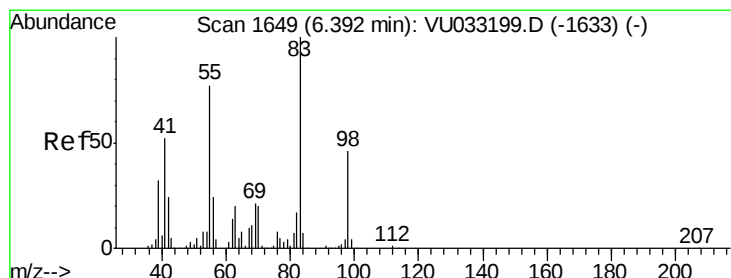
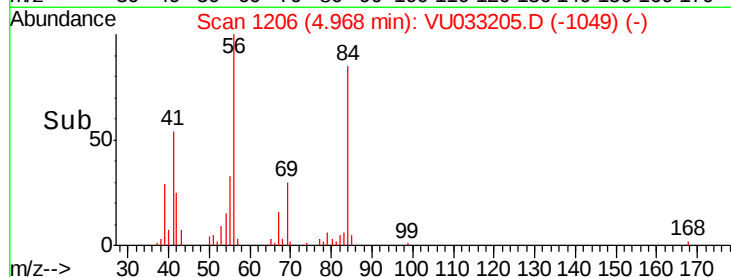
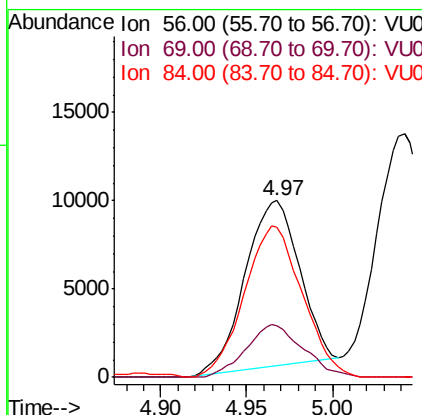
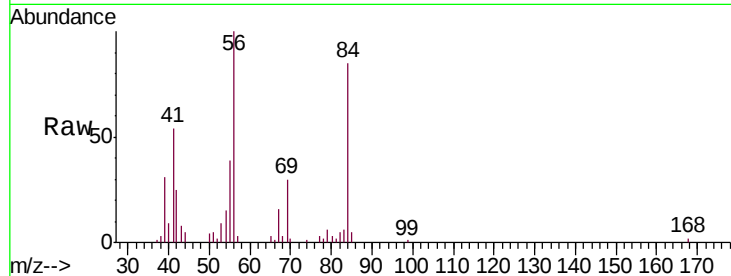




#19
Cyclohexane
Concen: 1.627 ug/l
RT: 4.97 min Scan# 1206
Delta R.T. 0.00 min
Lab File: VU033205.D
Acq: 11 Jul 2019 23:14

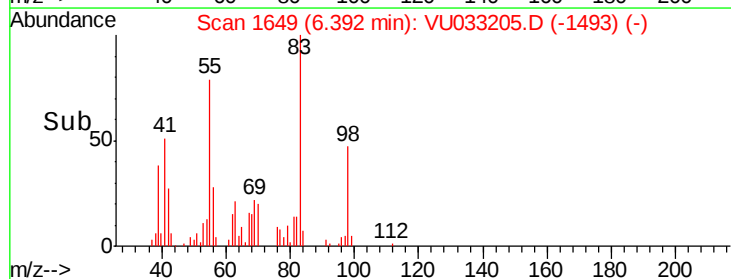
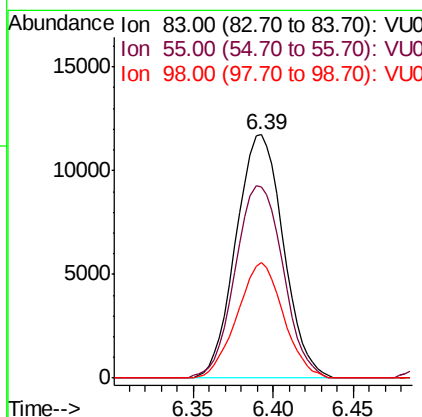
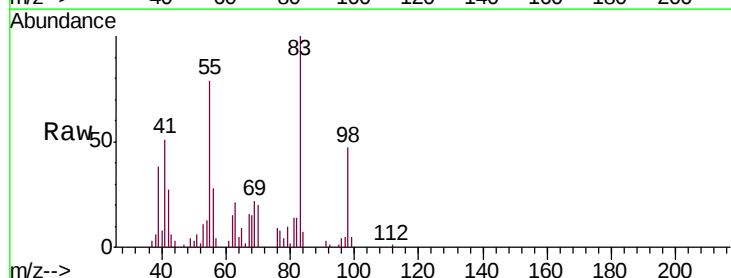
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

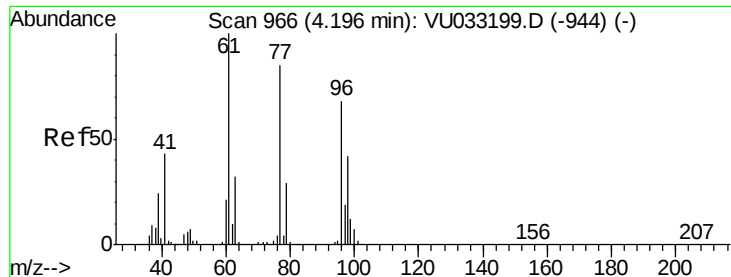
Tgt Ion: 56 Resp: 20704
Ion Ratio Lower Upper
56 100
69 33.2 24.6 37.0
84 96.7 67.5 101.3



#20
Methylcyclohexane
Concen: 1.784 ug/l
RT: 6.39 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VU033205.D
Acq: 11 Jul 2019 23:14

Tgt Ion: 83 Resp: 23787
Ion Ratio Lower Upper
83 100
55 79.9 62.0 93.0
98 46.2 36.3 54.5





#21

2,2-Dichloropropane

Concen: 1.604 ug/l

RT: 4.20 min Scan# 966

Delta R.T. 0.00 min

Lab File: VU033205.D

Acq: 11 Jul 2019 23:14

Instrument :

MSVOA_U

ClientSampleId :

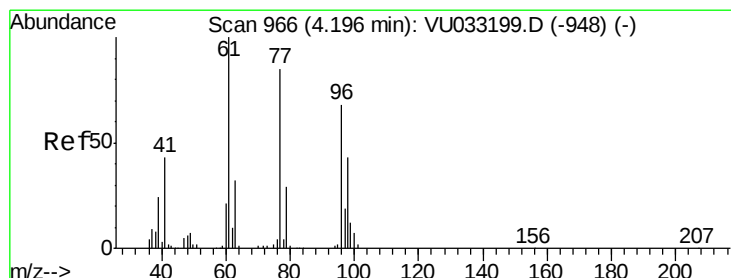
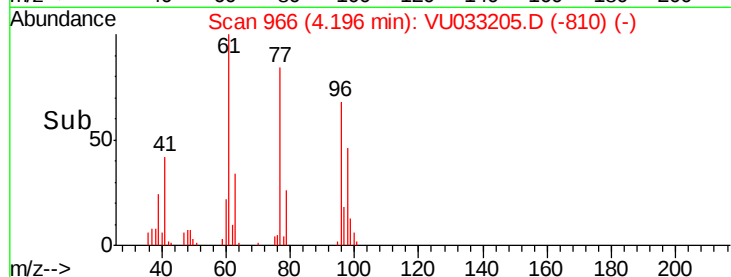
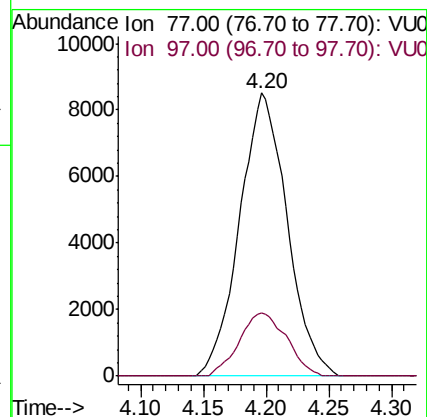
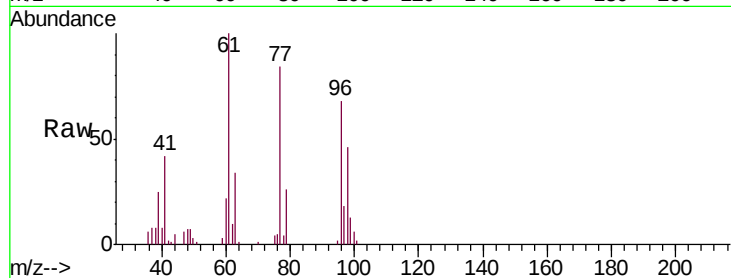
VU0711WBS01

Tgt Ion: 77 Resp: 22424

Ion Ratio Lower Upper

77 100

97 22.3 17.6 26.4



#22

cis-1,2-Dichloroethene

Concen: 1.867 ug/l

RT: 4.20 min Scan# 967

Delta R.T. 0.00 min

Lab File: VU033205.D

Acq: 11 Jul 2019 23:14

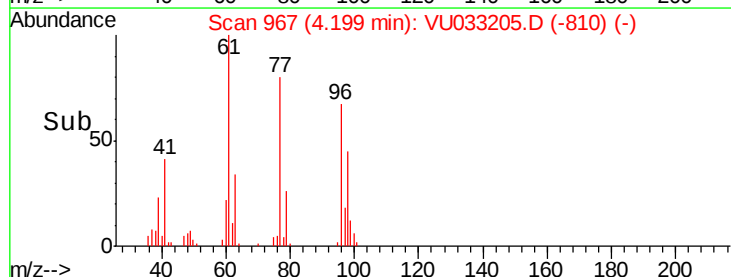
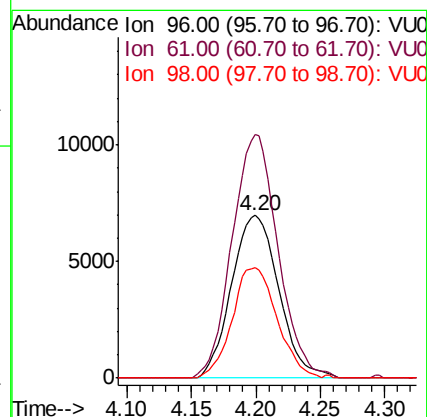
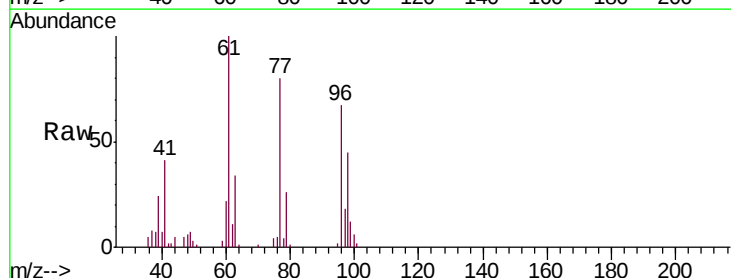
Tgt Ion: 96 Resp: 17777

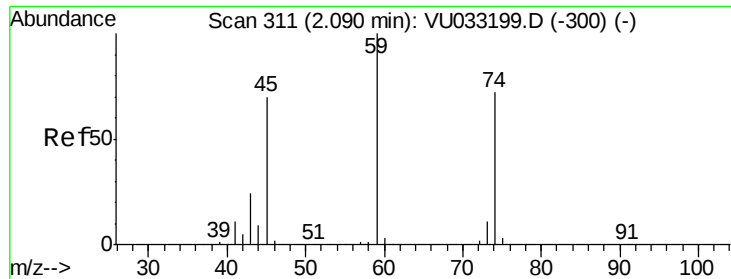
Ion Ratio Lower Upper

96 100

61 145.3 0.0 377.3

98 64.4 32.3 96.8

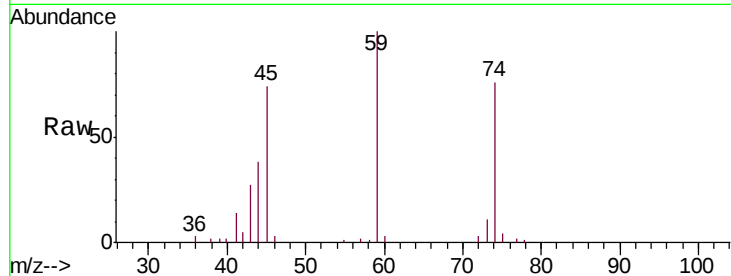




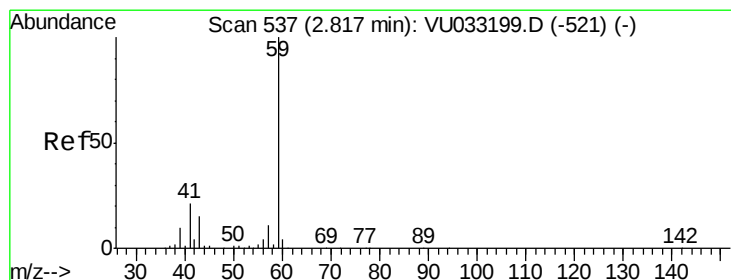
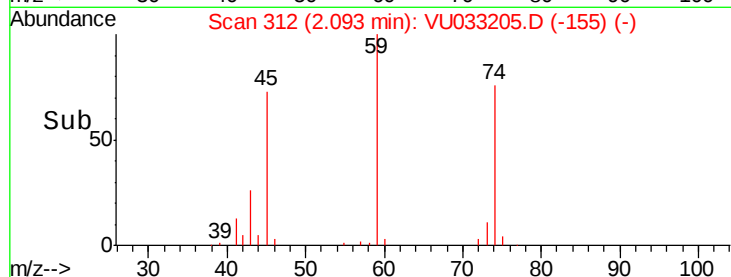
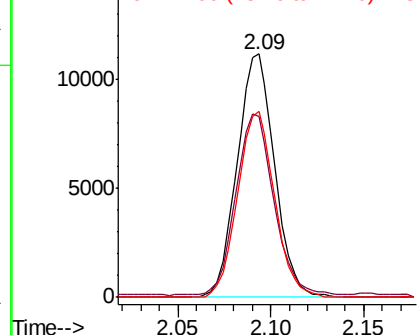
#23
Diethyl Ether
Concen: 1.791 ug/l
RT: 2.09 min Scan# 312
Delta R.T. 0.00 min
Lab File: VU033205.D
Acq: 11 Jul 2019 23:14

Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

Tgt Ion: 59 Resp: 15630
Ion Ratio Lower Upper
59 100
45 74.9 55.7 83.5
74 75.4 58.1 87.1

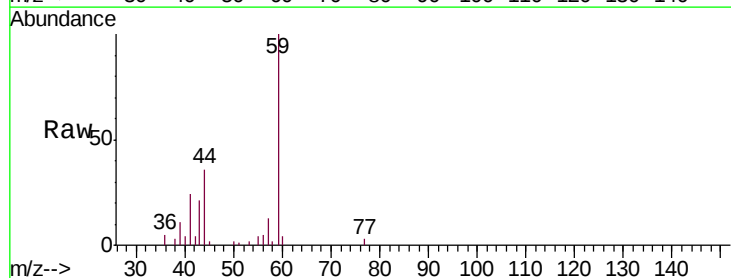


Abundance Ion 59.00 (58.70 to 59.70): VU0
15000 Ion 45.00 (44.70 to 45.70): VU0
Ion 74.00 (73.70 to 74.70): VU0

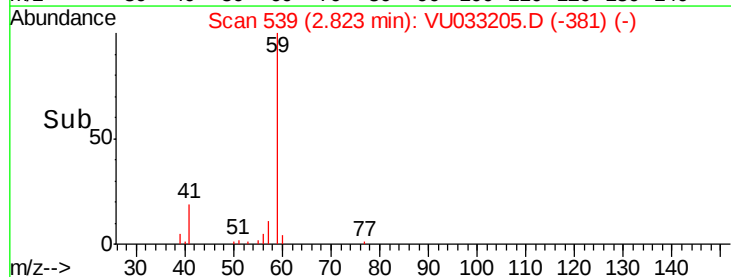
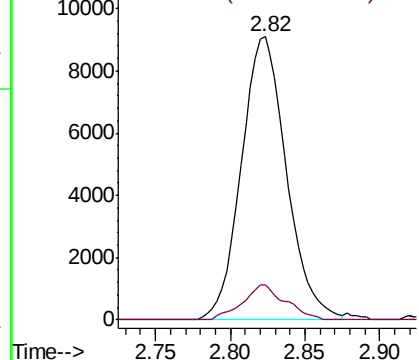


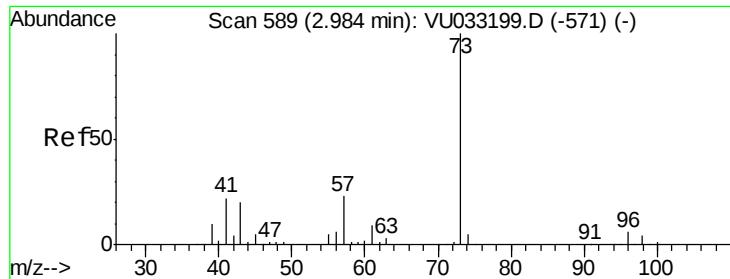
#24
tert-Butyl Alcohol
Concen: 17.961 ug/l
RT: 2.82 min Scan# 539
Delta R.T. 0.01 min
Lab File: VU033205.D
Acq: 11 Jul 2019 23:14

Tgt Ion: 59 Resp: 19106
Ion Ratio Lower Upper
59 100
57 11.7 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VU0
10000 Ion 57.00 (56.70 to 57.70): VU0





#25

Methyl tert-Butyl Ether

Concen: 1.882 ug/l

RT: 2.98 min Scan# 589

Delta R.T. 0.00 min

Lab File: VU033205.D

Acq: 11 Jul 2019 23:14

Instrument :

MSVOA_U

ClientSampleId :

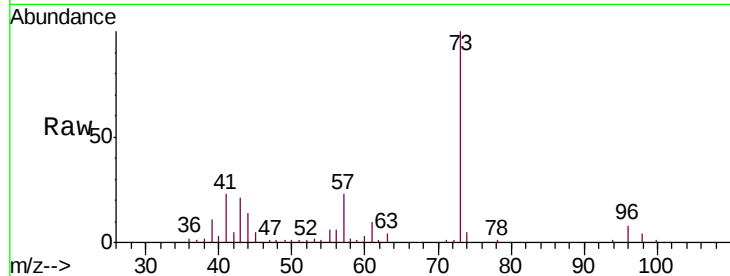
VU0711WBS01

Tgt Ion: 73 Resp: 54921

Ion Ratio Lower Upper

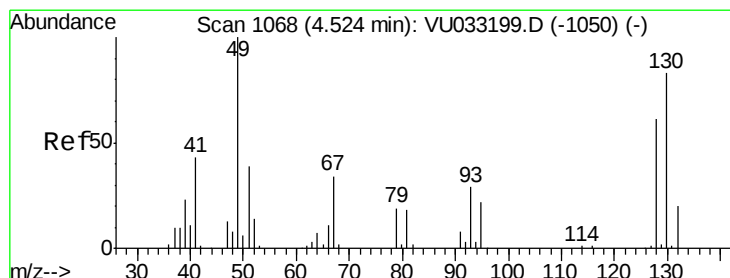
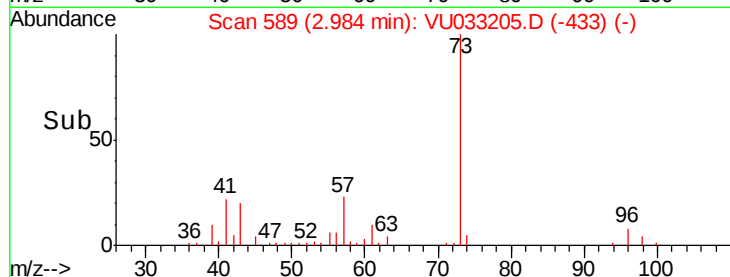
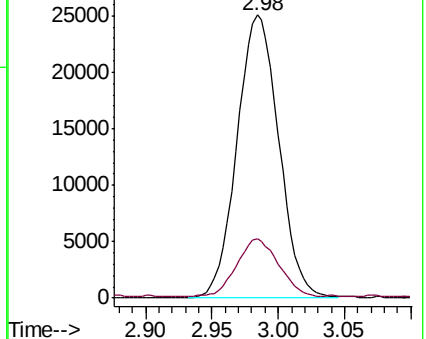
73 100

43 20.3 16.1 24.1



Abundance Ion 73.00 (72.70 to 73.70): VU033199.D (-571) (-)

Ion 43.00 (42.70 to 43.70): VU033199.D (-571) (-)



#26

Bromochloromethane

Concen: 1.770 ug/l

RT: 4.52 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VU033205.D

Acq: 11 Jul 2019 23:14

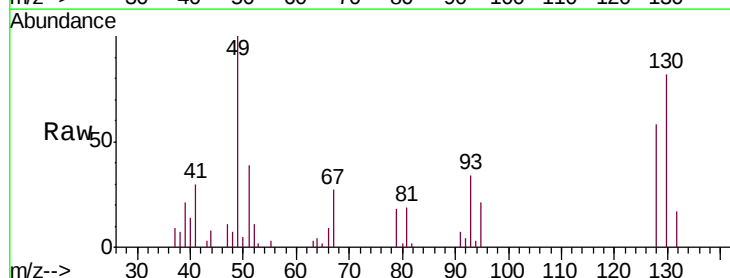
Tgt Ion: 128 Resp: 7467

Ion Ratio Lower Upper

128 100

49 173.4 0.0 328.6

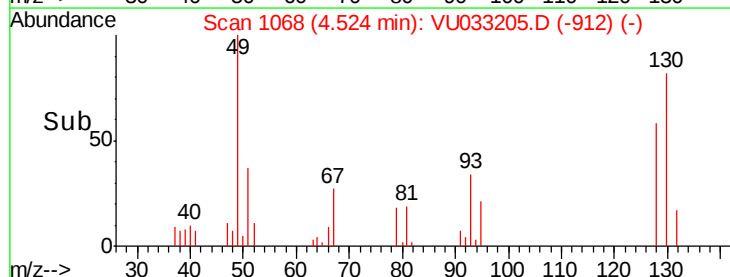
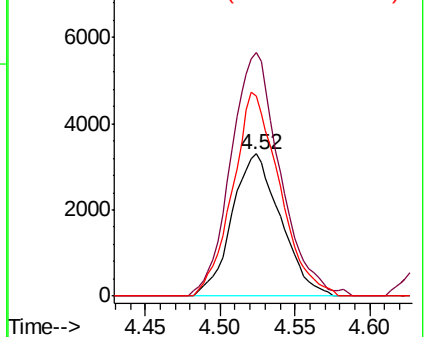
130 139.0 104.1 156.1

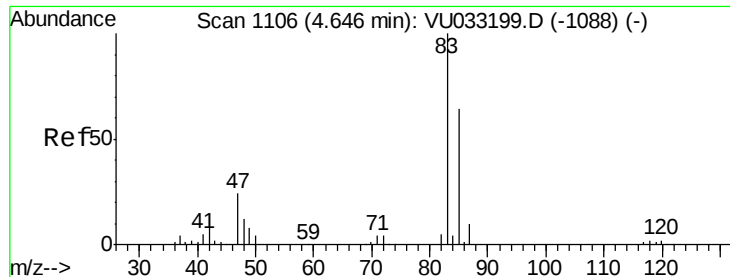


Abundance Ion 128.00 (127.70 to 128.70): VU033199.D (-1050) (-)

Ion 49.00 (48.70 to 49.70): VU033199.D (-1050) (-)

Ion 130.00 (129.70 to 130.70): VU033199.D (-1050) (-)

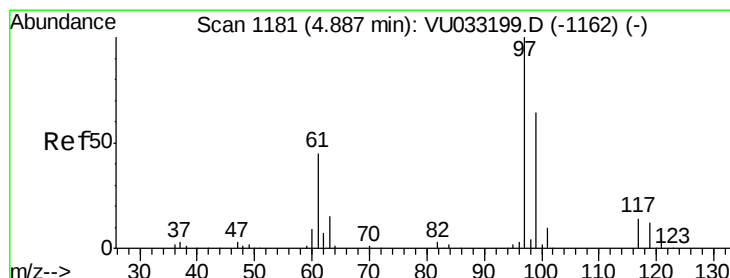
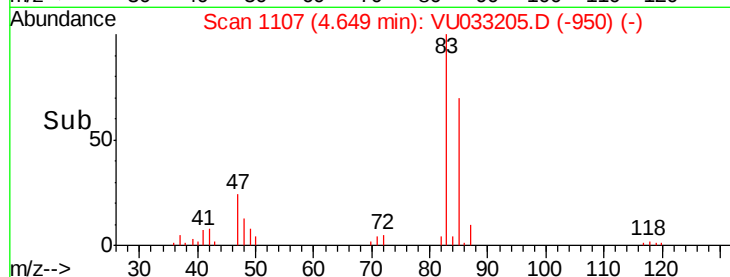
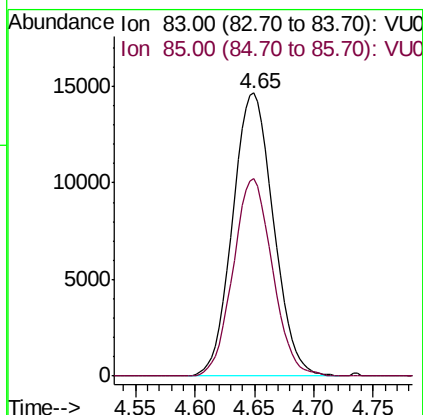
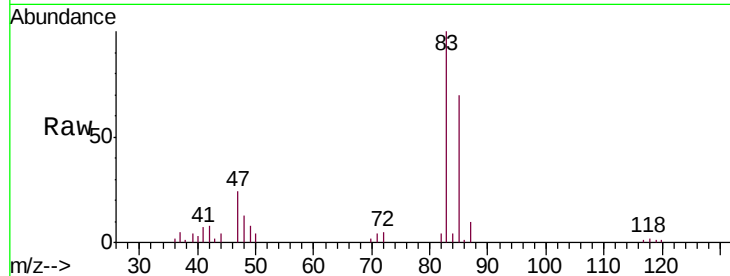




#27
Chloroform
Concen: 1.898 ug/l
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU033205.D
Acq: 11 Jul 2019 23:14

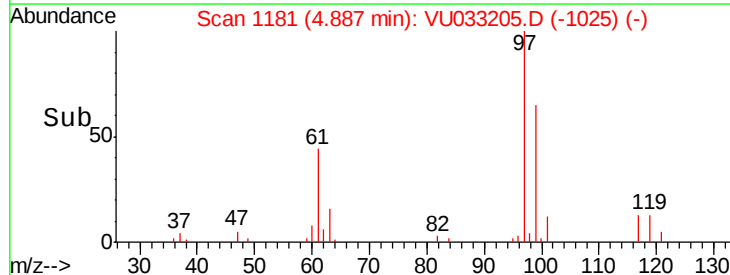
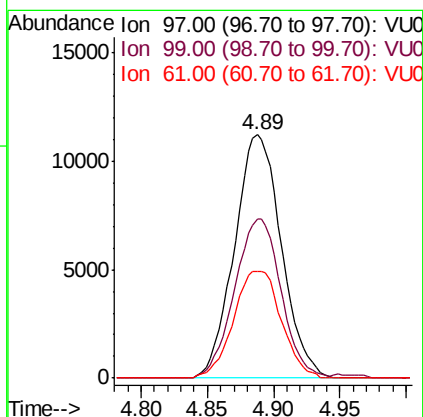
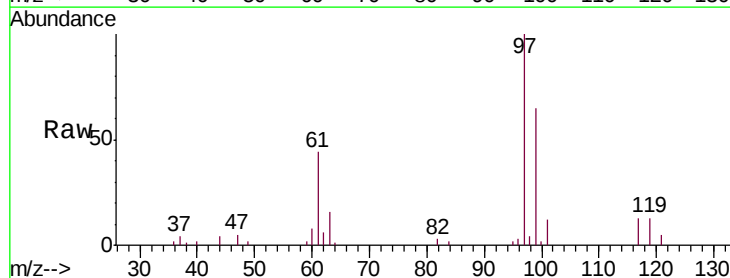
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

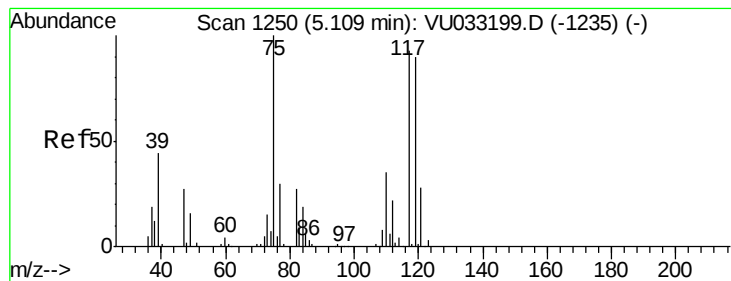
Tgt Ion: 83 Resp: 34881
Ion Ratio Lower Upper
83 100
85 70.0 0.0 128.4



#28
1,1,1-Trichloroethane
Concen: 1.901 ug/l
RT: 4.89 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU033205.D
Acq: 11 Jul 2019 23:14

Tgt Ion: 97 Resp: 27653
Ion Ratio Lower Upper
97 100
99 64.8 31.9 95.5
61 44.6 22.6 67.7





#29

1,1-Dichloropropene

Concen: 1.867 ug/l

RT: 5.11 min Scan# 1250

Delta R.T. 0.00 min

Lab File: VU033205.D

Acq: 11 Jul 2019 23:14

Instrument :

MSVOA_U

ClientSampleId :

VU0711WBS01

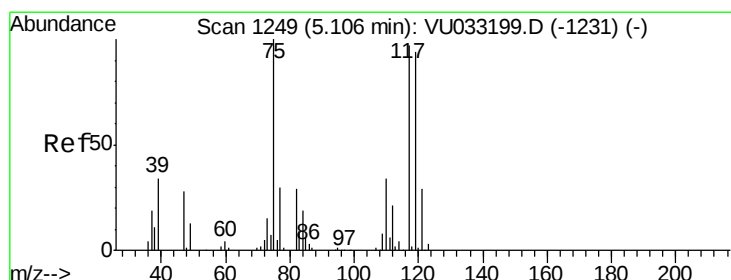
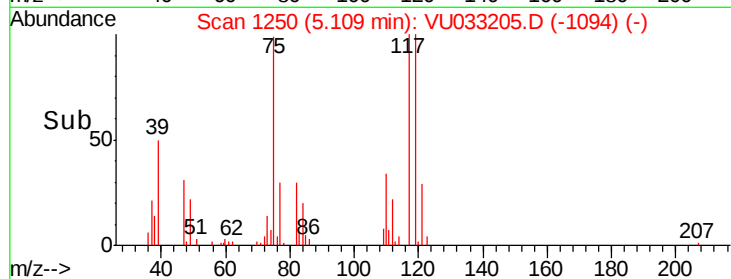
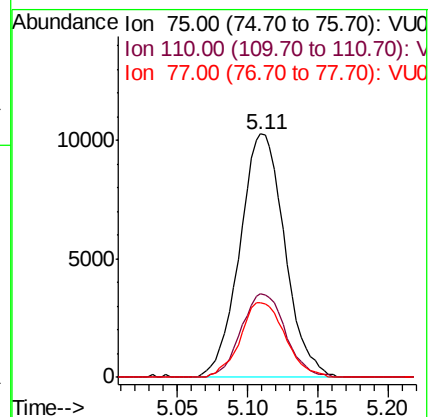
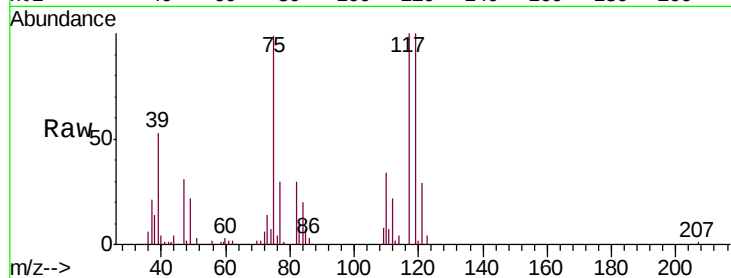
Tgt Ion: 75 Resp: 22910

Ion Ratio Lower Upper

75 100

110 33.9 17.5 52.6

77 30.6 24.6 37.0



#30

Carbon Tetrachloride

Concen: 1.885 ug/l

RT: 5.11 min Scan# 1250

Delta R.T. 0.00 min

Lab File: VU033205.D

Acq: 11 Jul 2019 23:14

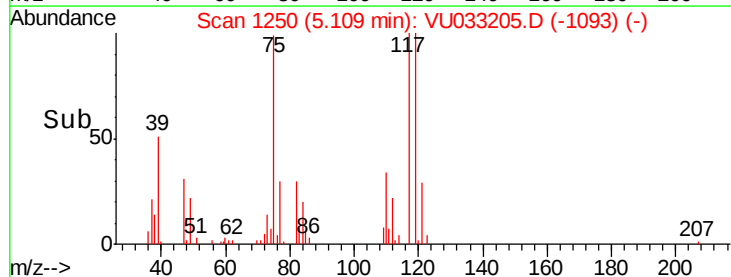
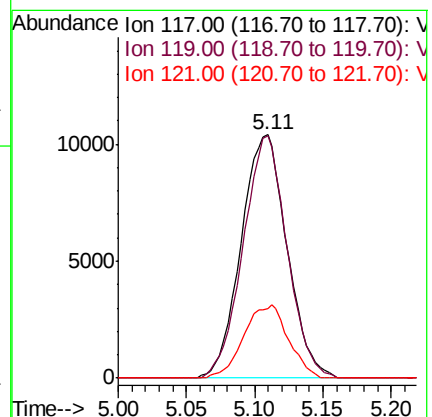
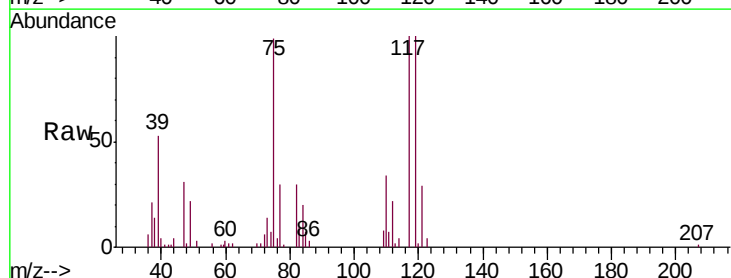
Tgt Ion: 117 Resp: 24224

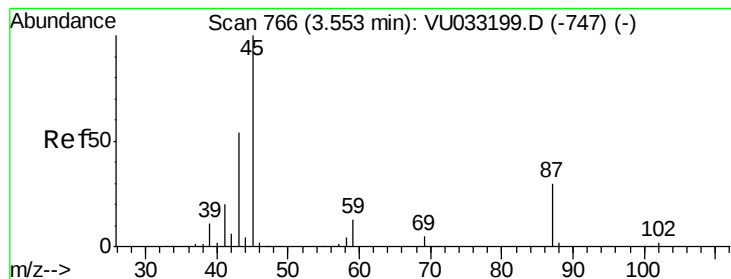
Ion Ratio Lower Upper

117 100

119 99.5 77.4 116.0

121 28.8 24.2 36.2





#31

Isopropyl Ether

Concen: 1.828 ug/l

RT: 3.55 min Scan# 766

Delta R.T. 0.00 min

Lab File: VU033205.D

Acq: 11 Jul 2019 23:14

Instrument :

MSVOA_U

ClientSampleId :

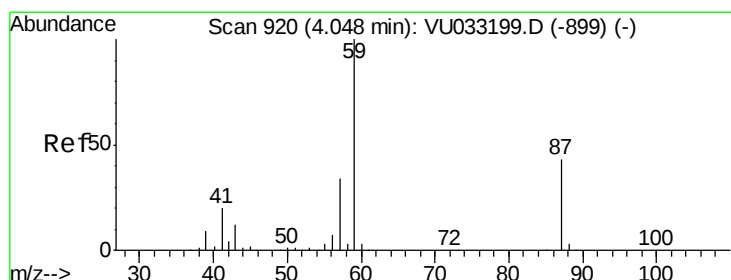
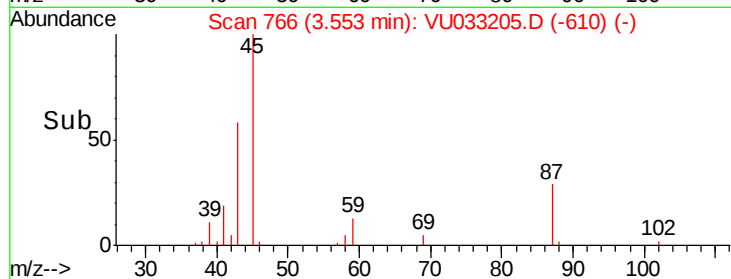
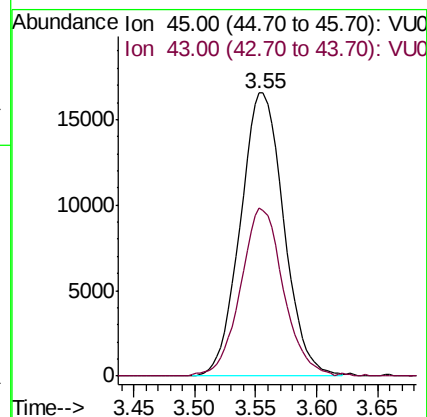
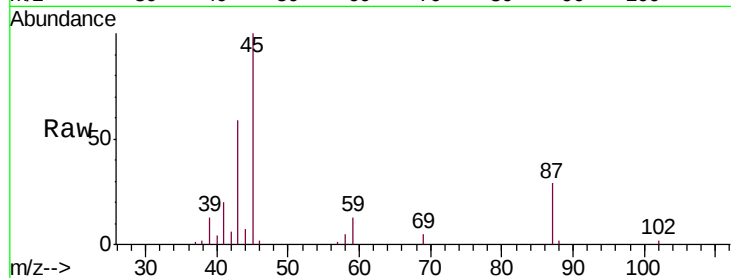
VU0711WBS01

Tgt Ion: 45 Resp: 40857

Ion Ratio Lower Upper

45 100

43 58.3 27.3 81.8



#32

Ethyl-t-butyl ether

Concen: 1.824 ug/l

RT: 4.05 min Scan# 920

Delta R.T. 0.00 min

Lab File: VU033205.D

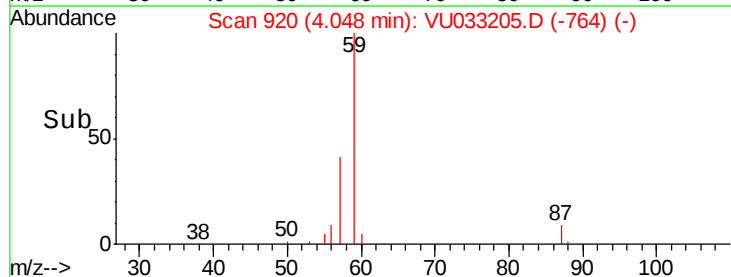
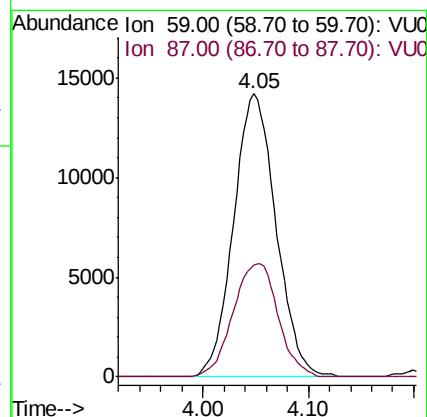
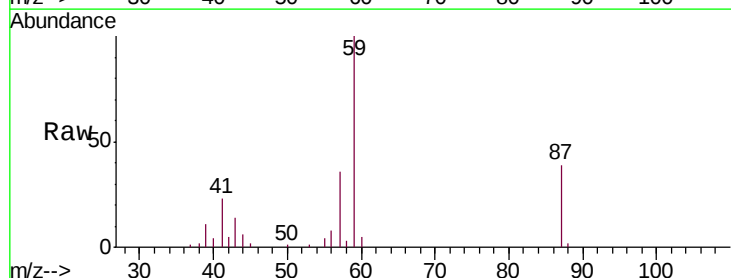
Acq: 11 Jul 2019 23:14

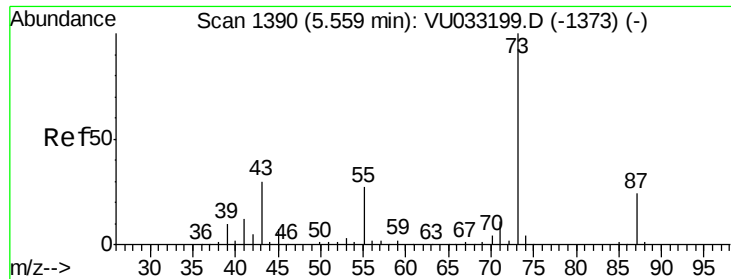
Tgt Ion: 59 Resp: 39745

Ion Ratio Lower Upper

59 100

87 42.5 34.5 51.7

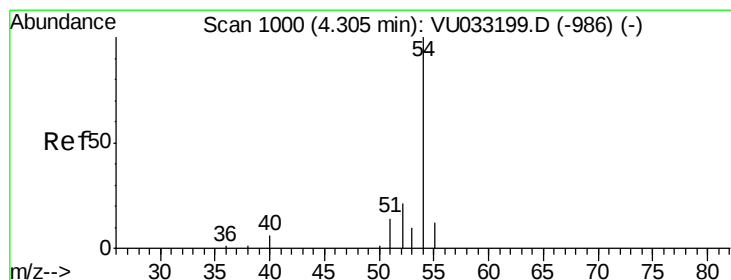
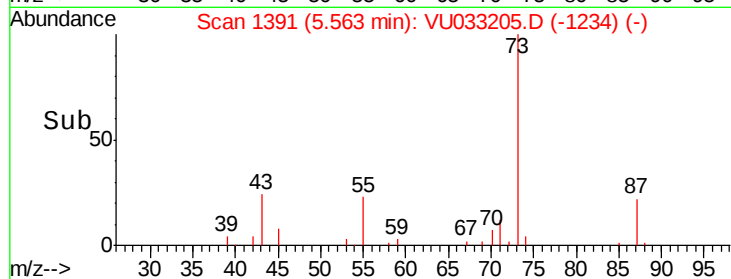
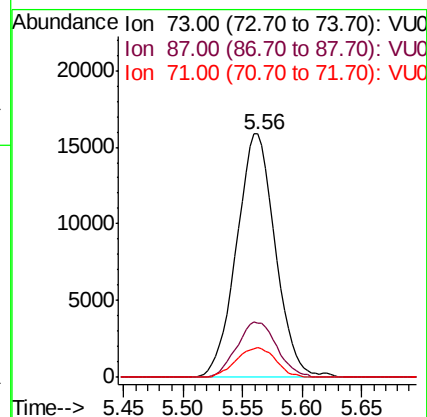
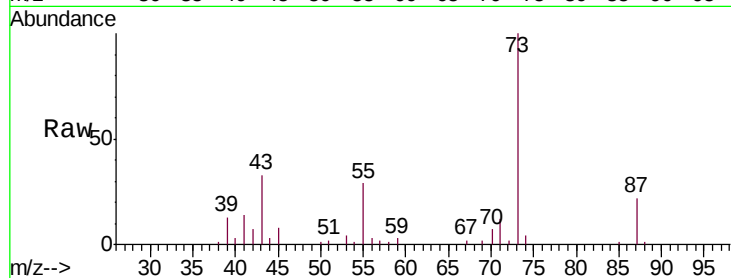




#33
Tert-Amyl methyl ether
Concen: 1.784 ug/l
RT: 5.56 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VU033205.D
Acq: 11 Jul 2019 23:14

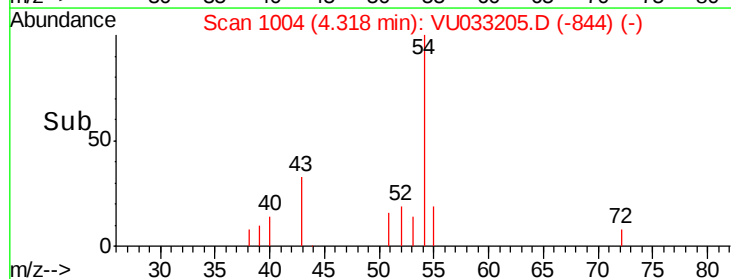
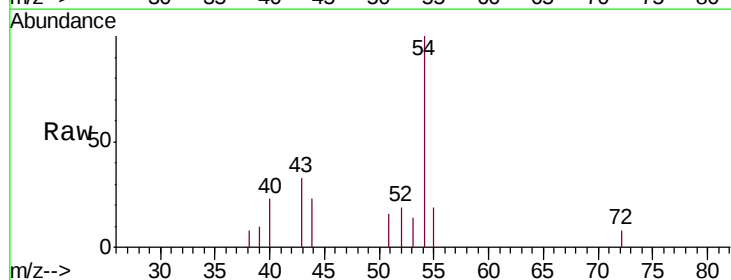
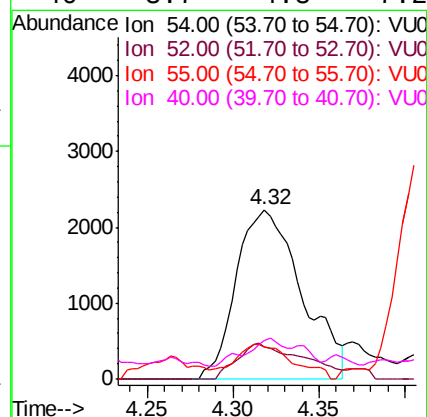
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

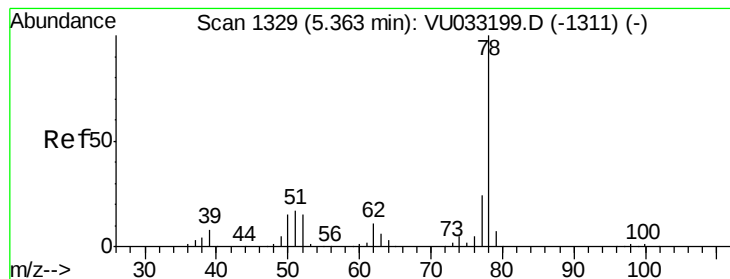
Tgt Ion: 73 Resp: 35809
Ion Ratio Lower Upper
73 100
87 23.3 19.8 29.6
71 12.3 9.1 13.7



#34
Propionitrile
Concen: 8.414 ug/l
RT: 4.32 min Scan# 1004
Delta R.T. 0.01 min
Lab File: VU033205.D
Acq: 11 Jul 2019 23:14

Tgt Ion: 54 Resp: 5920
Ion Ratio Lower Upper
54 100
52 21.1 16.7 25.1
55 17.8 12.9 19.3
40 3.7 4.8 7.2#





#35

Benzene

Concen: 1.854 ug/l

RT: 5.36 min Scan# 1329

Delta R.T. 0.00 min

Lab File: VU033205.D

Acq: 11 Jul 2019 23:14

Instrument :

MSVOA_U

ClientSampleId :

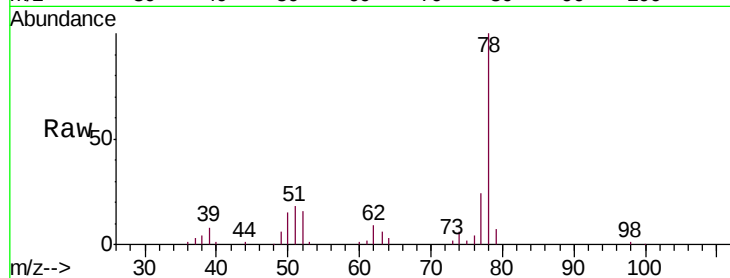
VU0711WBS01

Tgt Ion: 78 Resp: 66323

Ion Ratio Lower Upper

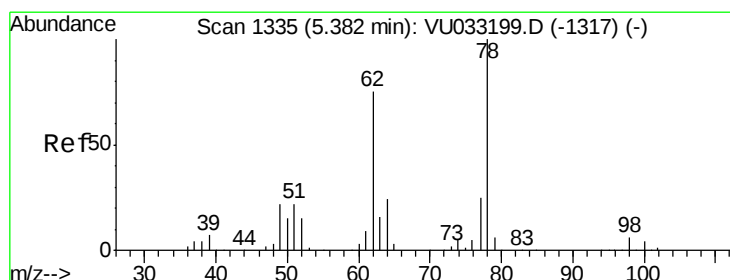
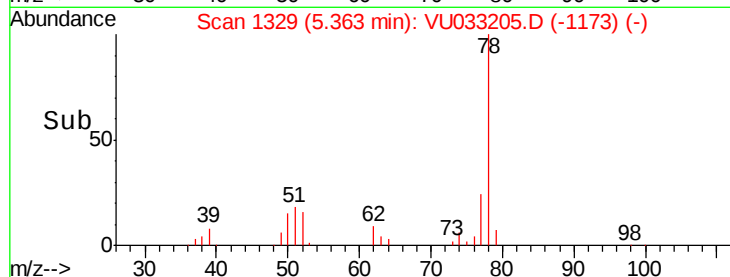
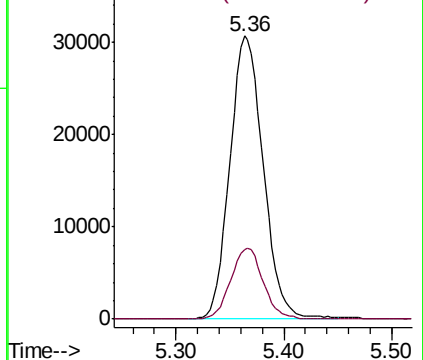
78 100

77 24.4 19.3 28.9



Abundance Ion 78.10 (77.80 to 78.80): VU0

Ion 77.00 (76.70 to 77.70): VU0



#36

1,2-Dichloroethane

Concen: 1.888 ug/l

RT: 5.39 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU033205.D

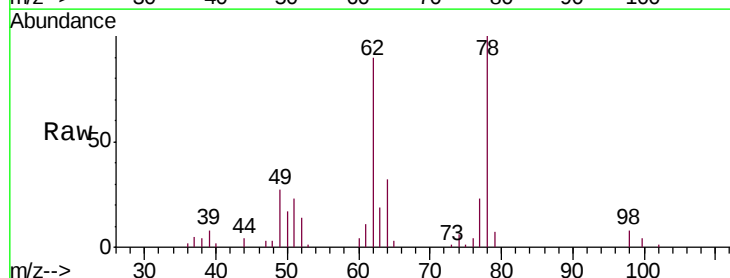
Acq: 11 Jul 2019 23:14

Tgt Ion: 62 Resp: 21859

Ion Ratio Lower Upper

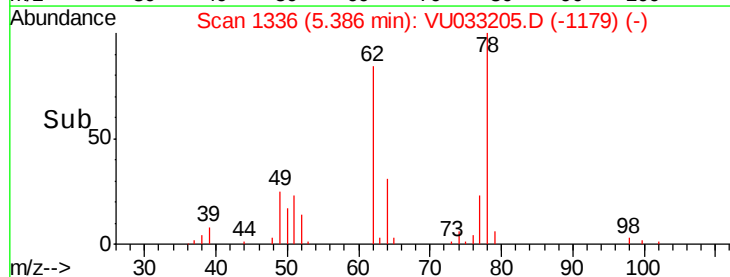
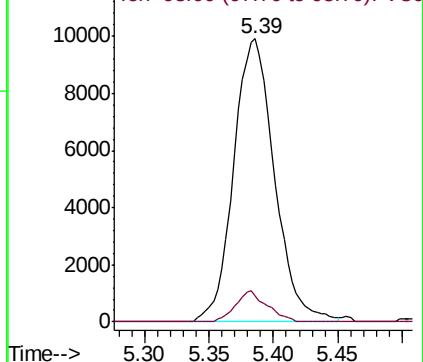
62 100

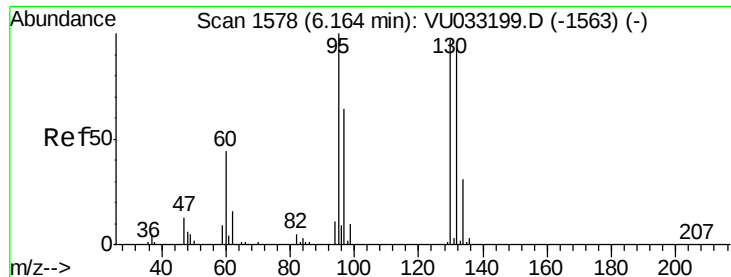
98 8.4 6.7 10.1



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#37

Trichloroethene

Concen: 1.803 ug/l

RT: 6.16 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VU033205.D

Acq: 11 Jul 2019 23:14

Instrument :

MSVOA_U

ClientSampleId :

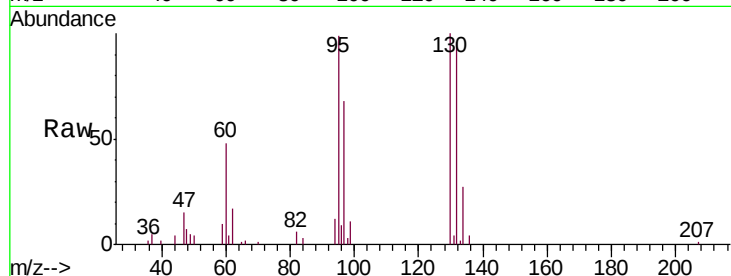
VU0711WBS01

Tgt Ion:130 Resp: 16857

Ion Ratio Lower Upper

130 100

95 98.7 82.4 123.6



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VU0

6.16

10000

8000

6000

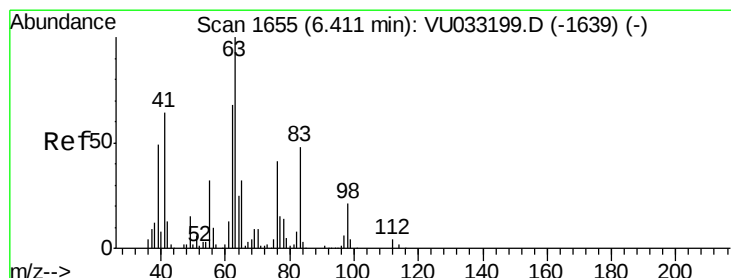
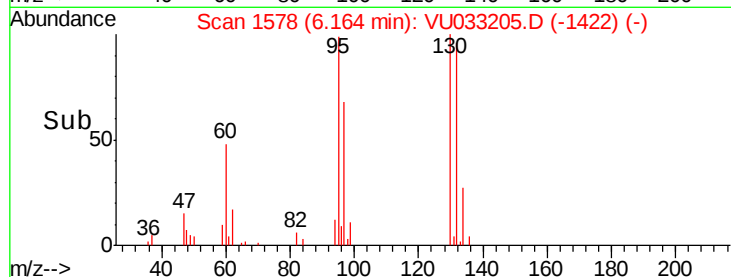
4000

2000

0

6.10 6.15 6.20 6.25

Time-->



#38

1,2-Dichloropropane

Concen: 1.892 ug/l

RT: 6.41 min Scan# 1655

Delta R.T. 0.00 min

Lab File: VU033205.D

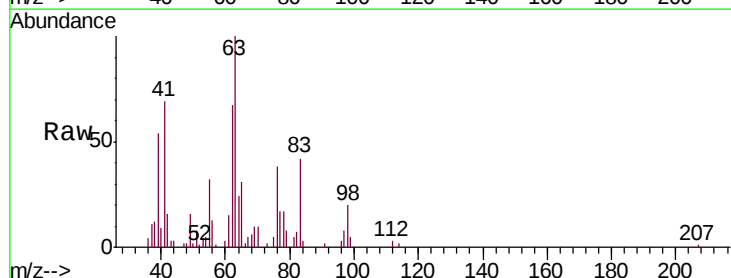
Acq: 11 Jul 2019 23:14

Tgt Ion: 63 Resp: 18308

Ion Ratio Lower Upper

63 100

65 30.8 25.3 37.9



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 65.00 (64.70 to 65.70): VU0

6.41

10000

8000

6000

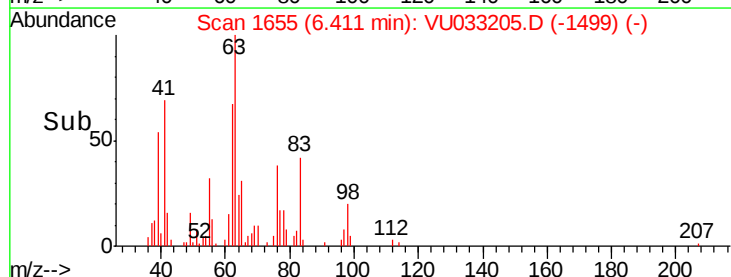
4000

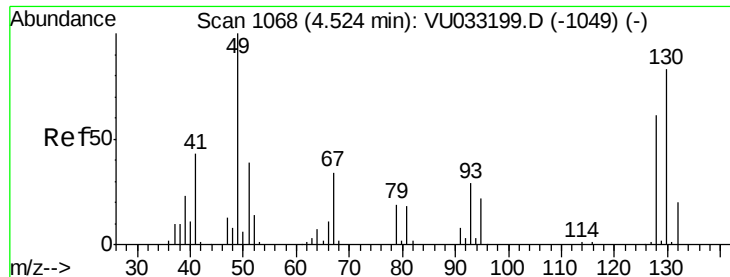
2000

0

6.35 6.40 6.45 6.50

Time-->

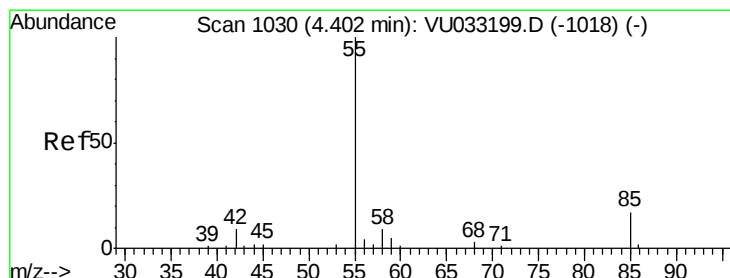
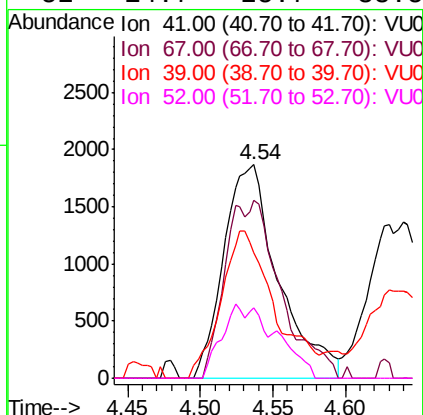
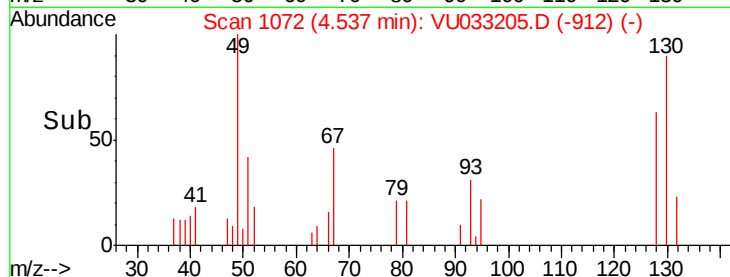
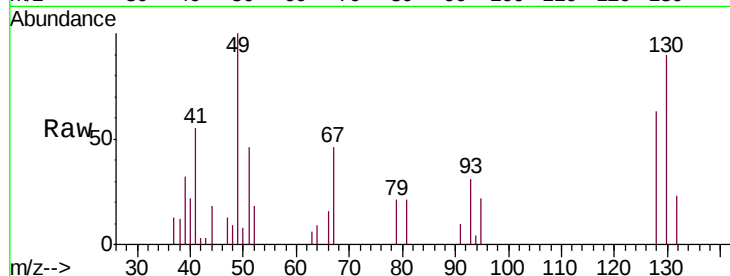




#39
Methacrylonitrile
Concen: 1.685 ug/l
RT: 4.54 min Scan# 1072
Delta R.T. 0.01 min
Lab File: VU033205.D
Acq: 11 Jul 2019 23:14

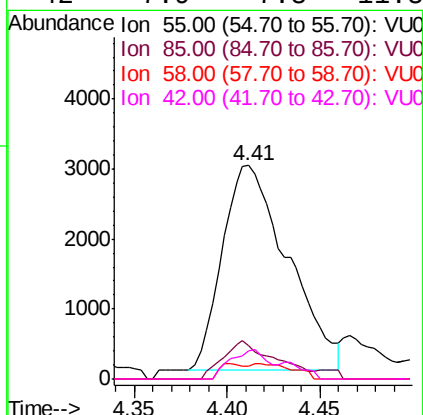
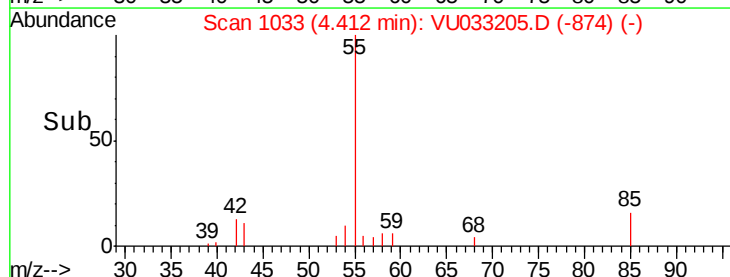
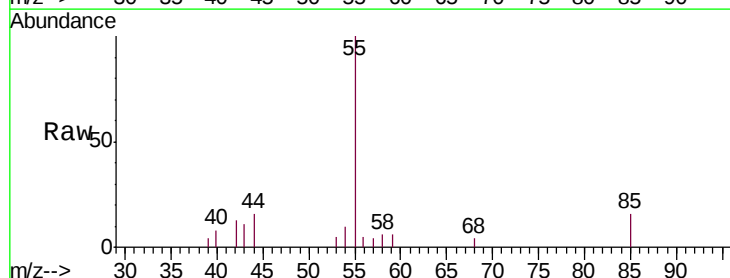
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

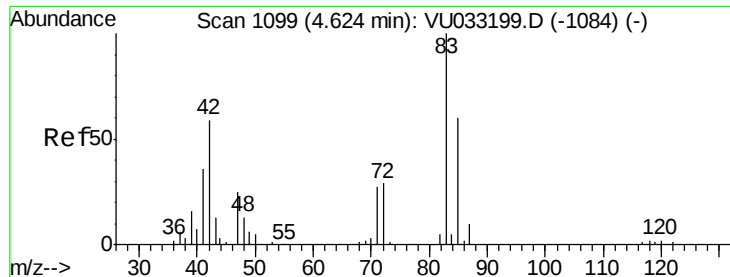
Tgt Ion: 41 Resp: 4916
Ion Ratio Lower Upper
41 100
67 33.3 61.0 91.4#
39 67.1 44.4 66.6#
52 14.7 25.7 38.5#



#40
Methyl acrylate
Concen: 1.667 ug/l
RT: 4.41 min Scan# 1033
Delta R.T. 0.01 min
Lab File: VU033205.D
Acq: 11 Jul 2019 23:14

Tgt Ion: 55 Resp: 7202
Ion Ratio Lower Upper
55 100
85 14.8 13.0 19.6
58 2.5 7.0 10.4#
42 7.9 7.8 11.8





#41

Tetrahydrofuran

Concen: 3.352 ug/l

RT: 4.64 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VU033205.D

Acq: 11 Jul 2019 23:14

Instrument :

MSVOA_U

ClientSampleId :

VU0711WBS01

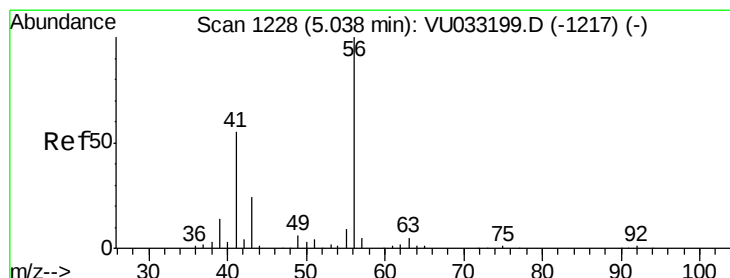
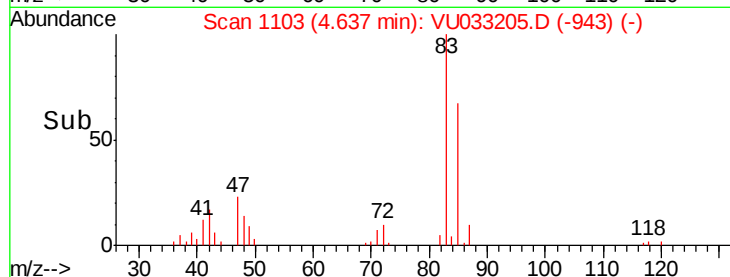
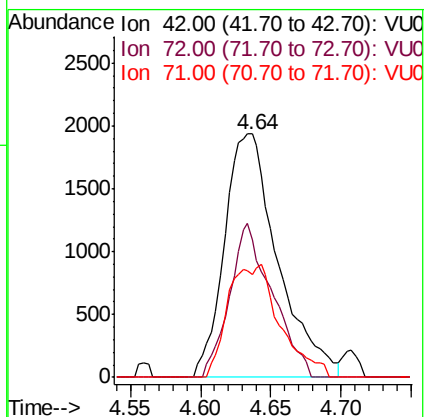
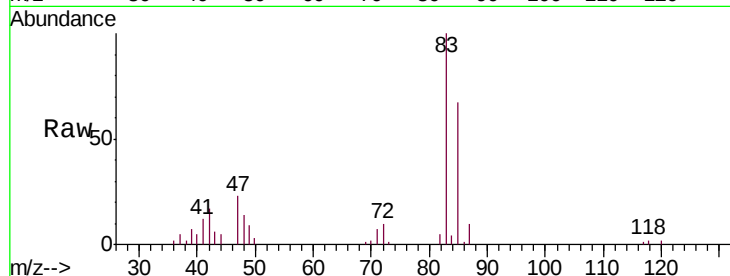
Tgt Ion: 42 Resp: 5129

Ion Ratio Lower Upper

42 100

72 50.3 40.7 61.1

71 45.2 35.4 53.0



#42

1-Chlorobutane

Concen: 1.783 ug/l

RT: 5.04 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VU033205.D

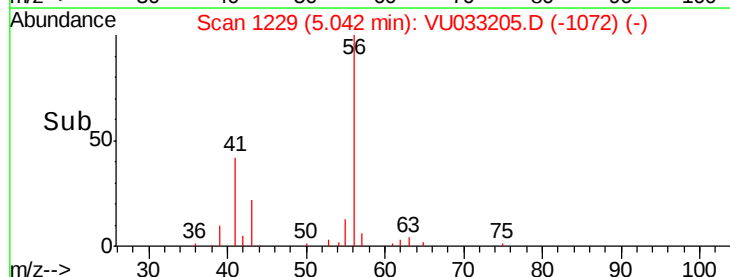
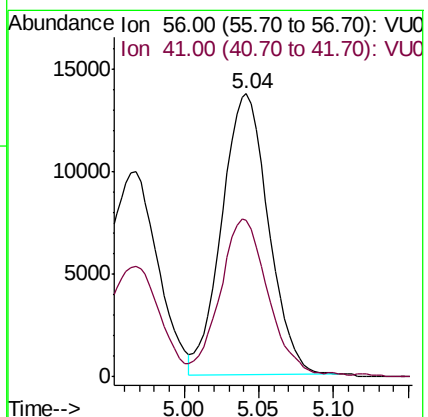
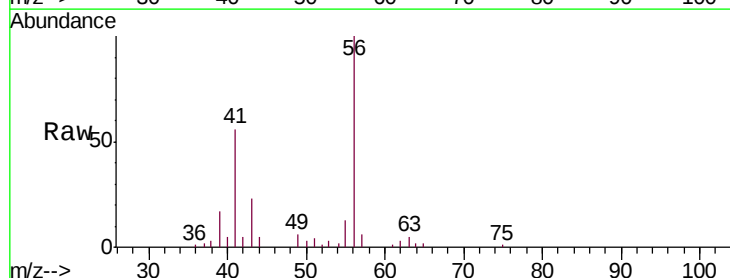
Acq: 11 Jul 2019 23:14

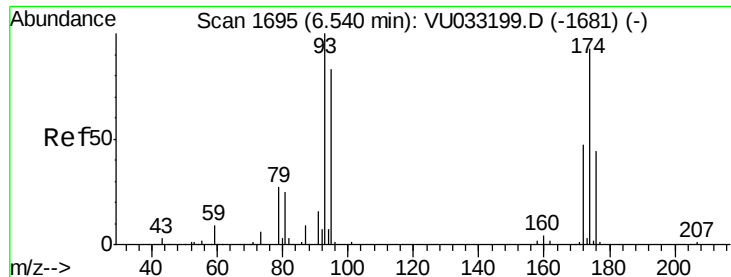
Tgt Ion: 56 Resp: 29717

Ion Ratio Lower Upper

56 100

41 56.9 26.5 79.4





#43

Dibromomethane

Concen: 1.829 ug/l

RT: 6.54 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VU033205.D

Acq: 11 Jul 2019 23:14

Instrument :

MSVOA_U

ClientSampleId :

VU0711WBS01

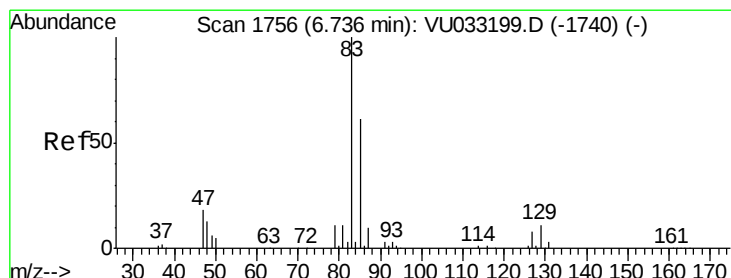
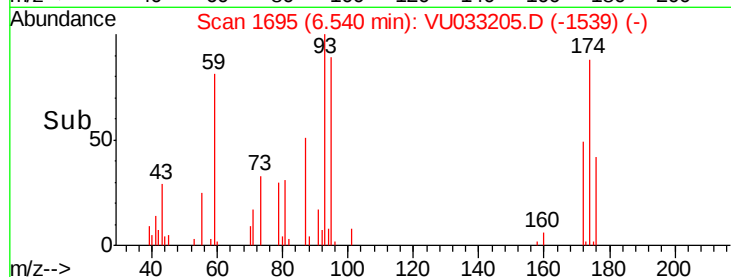
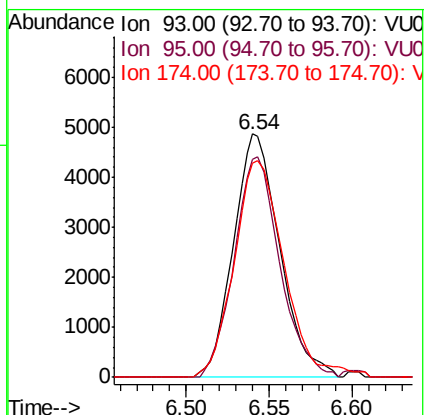
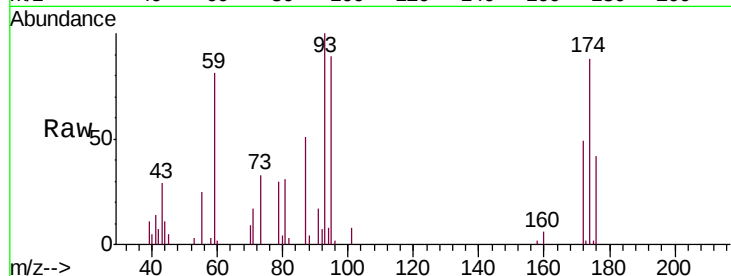
Tgt Ion: 93 Resp: 9466

Ion Ratio Lower Upper

93 100

95 89.2 67.5 101.3

174 95.7 74.2 111.2



#44

Bromodichloromethane

Concen: 1.860 ug/l

RT: 6.74 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VU033205.D

Acq: 11 Jul 2019 23:14

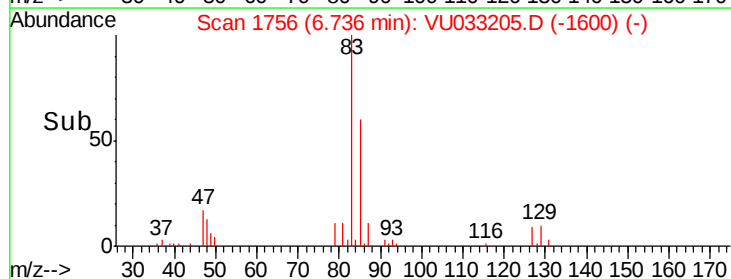
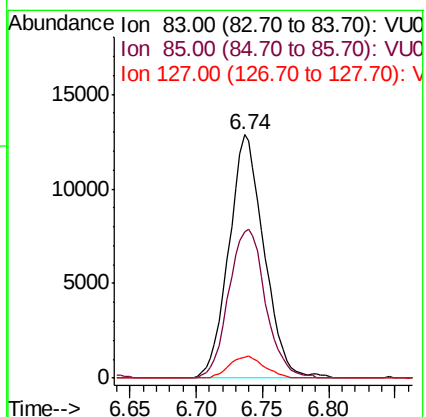
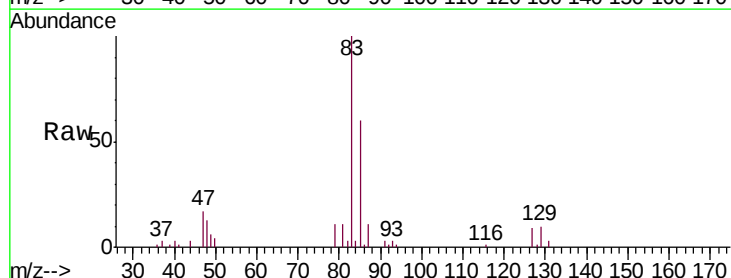
Tgt Ion: 83 Resp: 23723

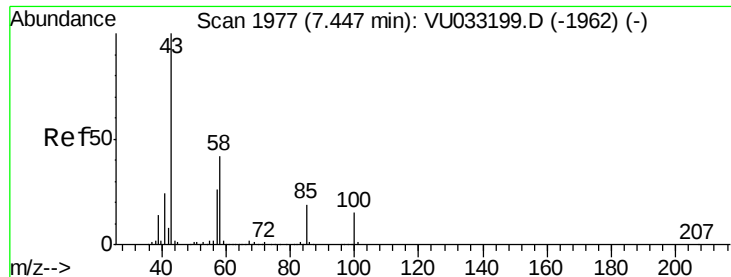
Ion Ratio Lower Upper

83 100

85 60.0 49.1 73.7

127 8.7 6.6 9.8

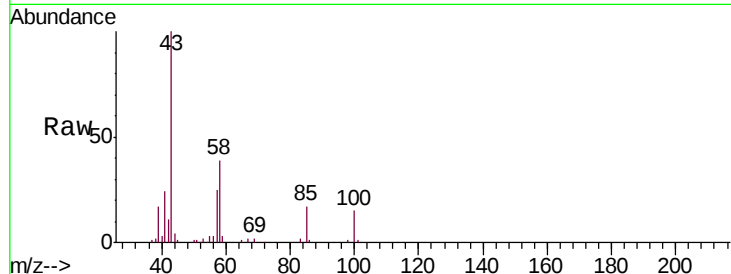




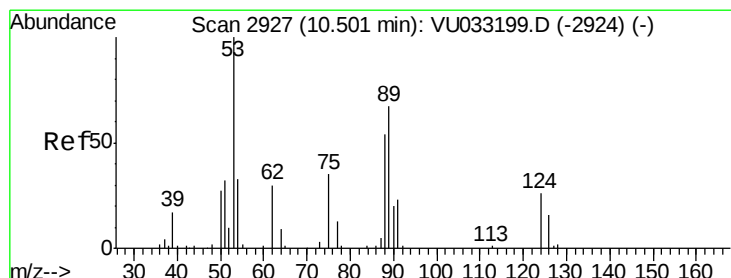
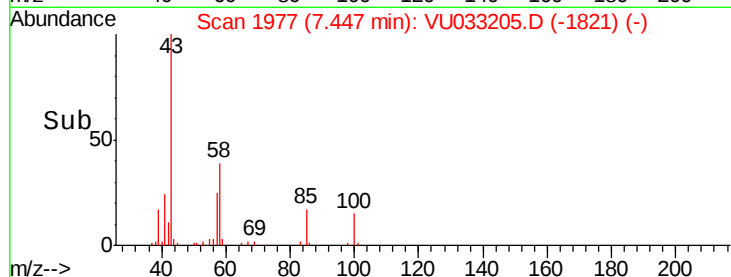
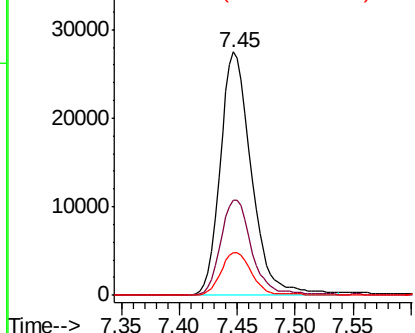
#45
4-Methyl-2-Pentanone
Concen: 8.882 ug/l
RT: 7.45 min Scan# 1977
Delta R.T. 0.00 min
Lab File: VU033205.D
Acq: 11 Jul 2019 23:14

Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.2	20.4	61.2
85	17.3	14.7	22.1

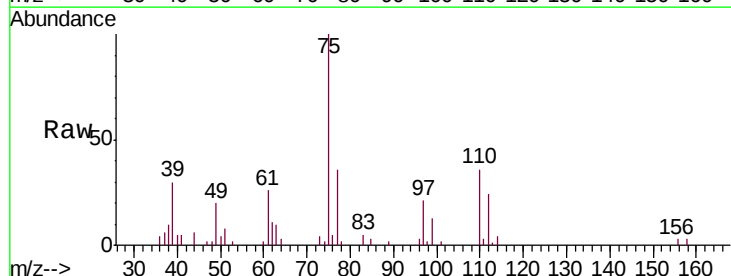


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 85.00 (84.70 to 85.70): VU0

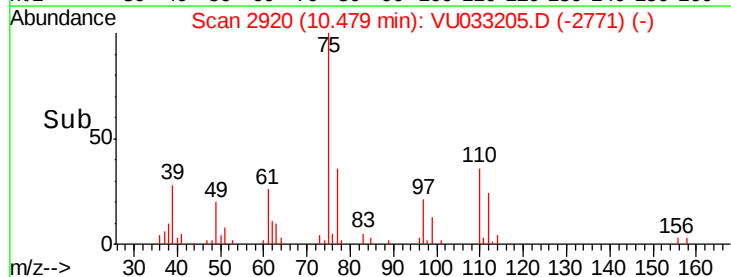
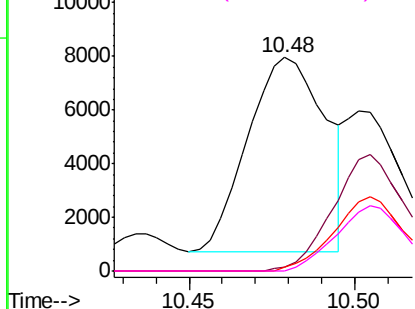


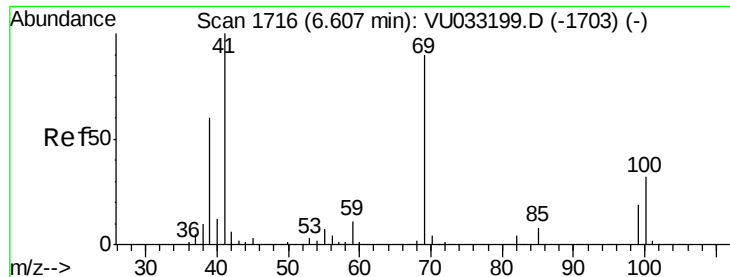
#46
t-1,4-Dichloro-2-butene
Concen: 4.752 ug/l
RT: 10.48 min Scan# 2920
Delta R.T. -0.02 min
Lab File: VU033205.D
Acq: 11 Jul 2019 23:14

Tgt Ion	Ratio	Lower	Upper
75	100		
53	58.3	63.8	95.6#
89	36.2	44.0	66.0#
88	30.4	34.0	51.0#



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.80 (88.50 to 89.50): VU0
Ion 87.80 (87.50 to 88.50): VU0

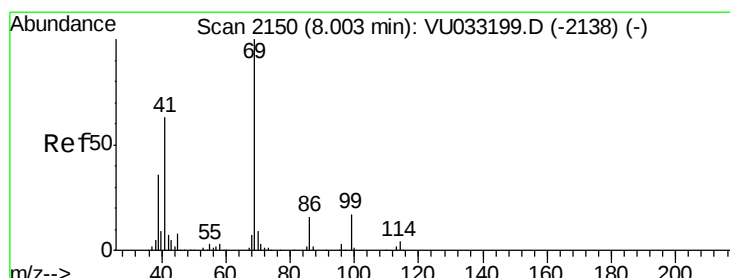
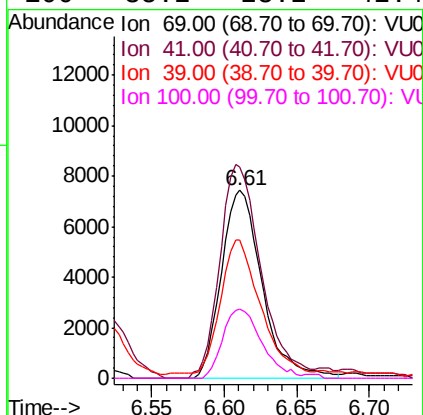
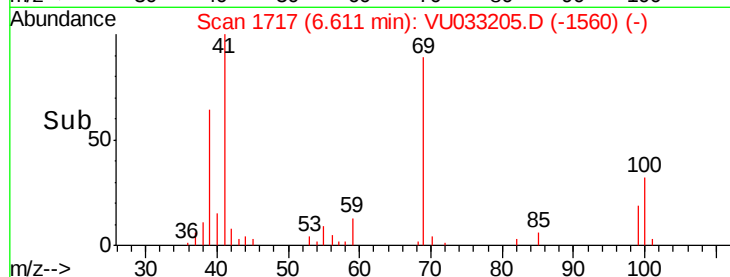
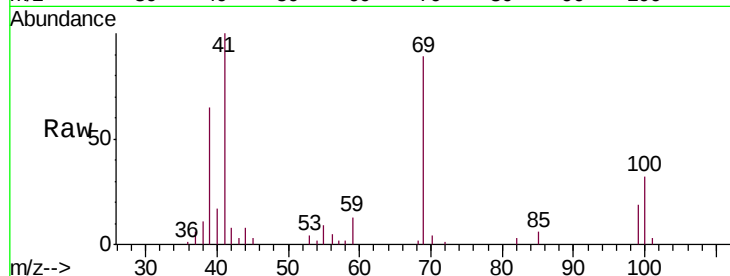




#47
Methyl methacrylate
Concen: 3.463 ug/l
RT: 6.61 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VU033205.D
Acq: 11 Jul 2019 23:14

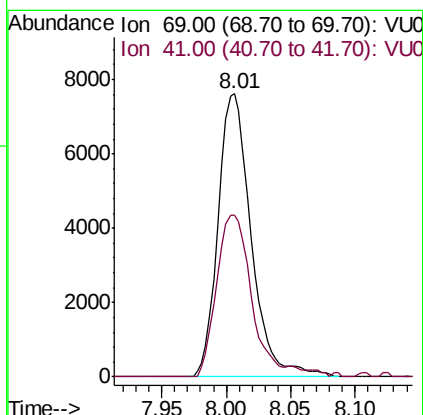
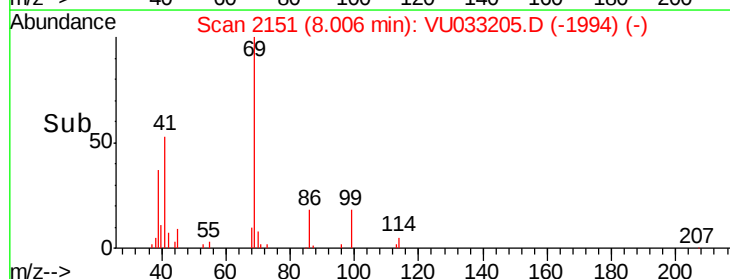
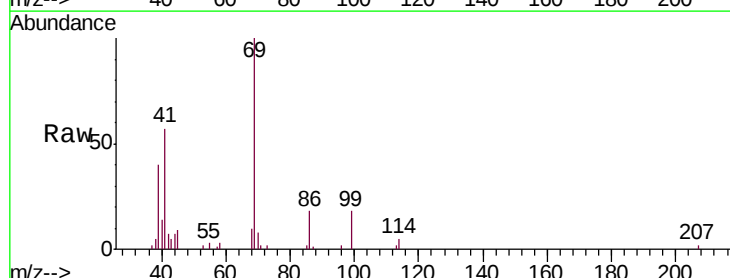
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

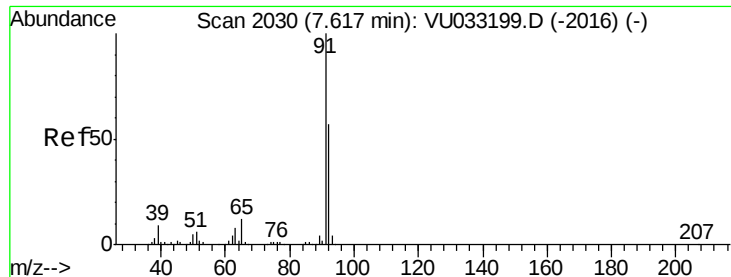
Tgt Ion: 69 Resp: 14498
Ion Ratio Lower Upper
69 100
41 115.4 0.0 217.0
39 68.2 52.1 78.1
100 35.2 28.2 42.4



#48
Ethyl methacrylate
Concen: 1.728 ug/l
RT: 8.01 min Scan# 2151
Delta R.T. 0.00 min
Lab File: VU033205.D
Acq: 11 Jul 2019 23:14

Tgt Ion: 69 Resp: 13594
Ion Ratio Lower Upper
69 100
41 59.2 31.3 93.8





#49

Toluene

Concen: 1.821 ug/l

RT: 7.62 min Scan# 2030

Delta R.T. 0.00 min

Lab File: VU033205.D

Acq: 11 Jul 2019 23:14

Instrument :

MSVOA_U

ClientSampleId :

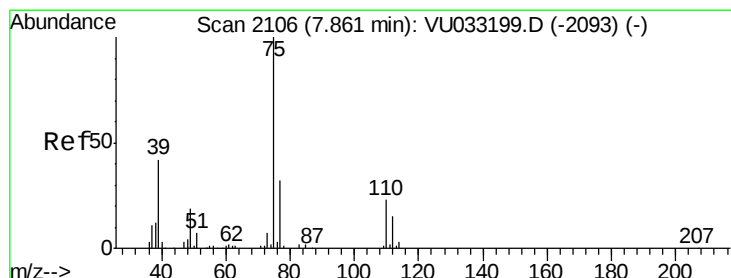
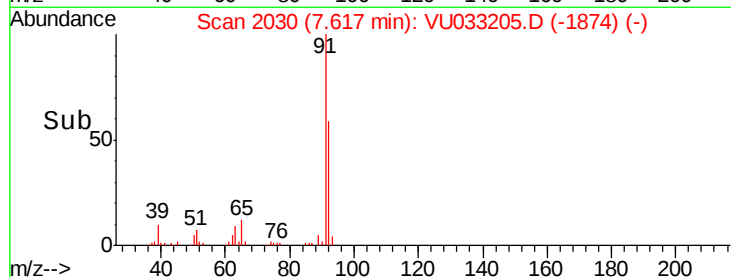
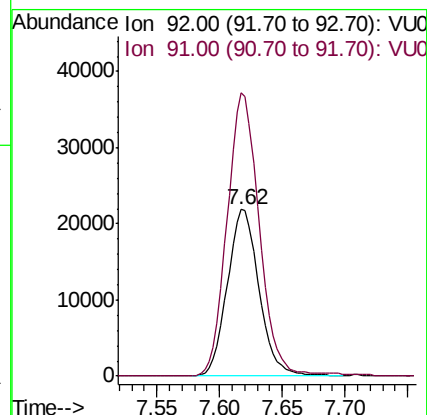
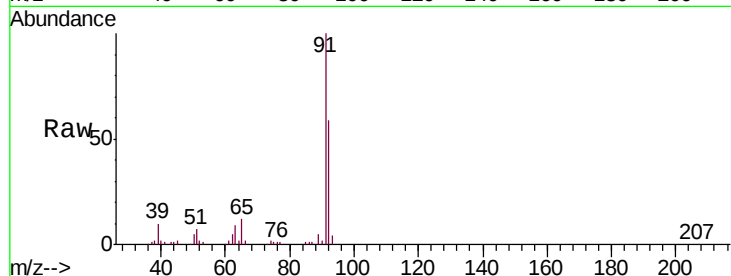
VU0711WBS01

Tgt Ion: 92 Resp: 38437

Ion Ratio Lower Upper

92 100

91 171.9 141.2 211.8



#50

t-1,3-Dichloropropene

Concen: 1.768 ug/l

RT: 7.86 min Scan# 2107

Delta R.T. 0.00 min

Lab File: VU033205.D

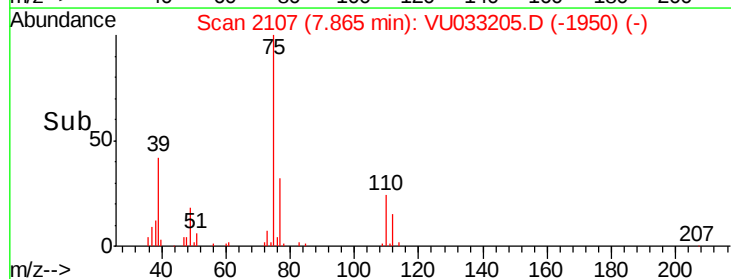
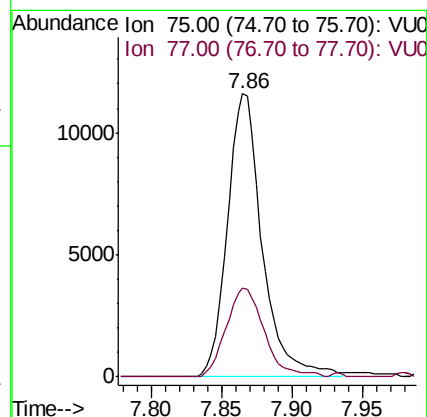
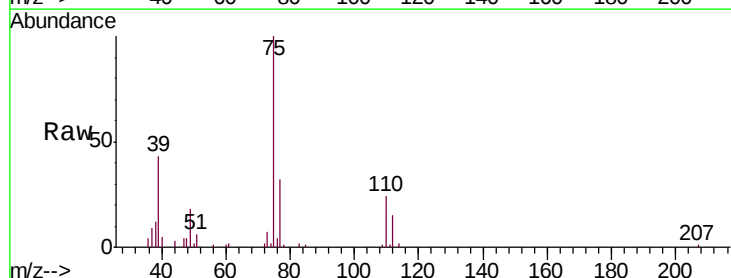
Acq: 11 Jul 2019 23:14

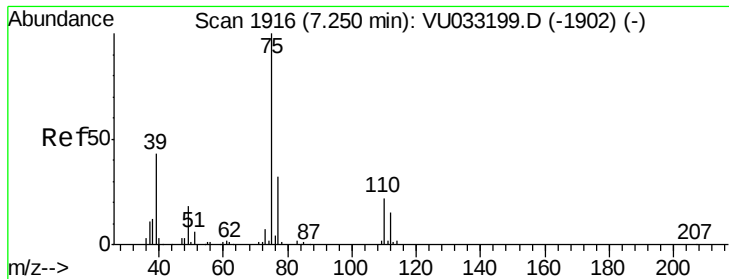
Tgt Ion: 75 Resp: 19996

Ion Ratio Lower Upper

75 100

77 31.6 25.2 37.8

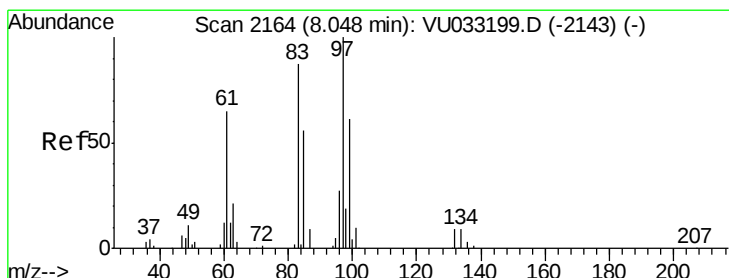
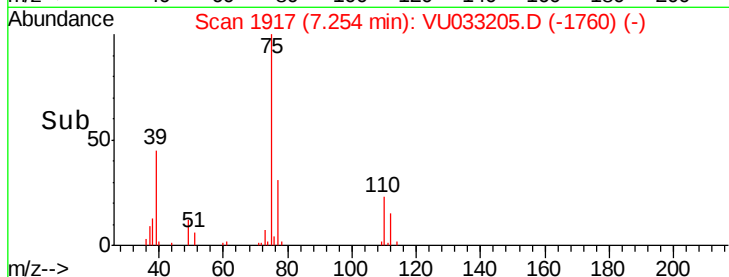
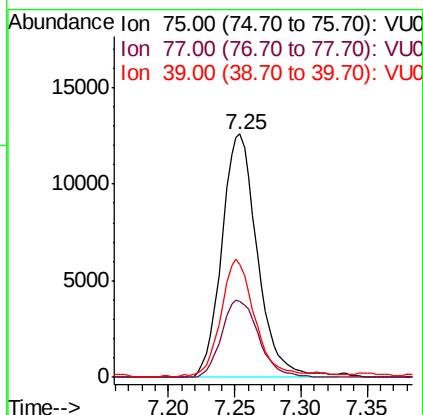
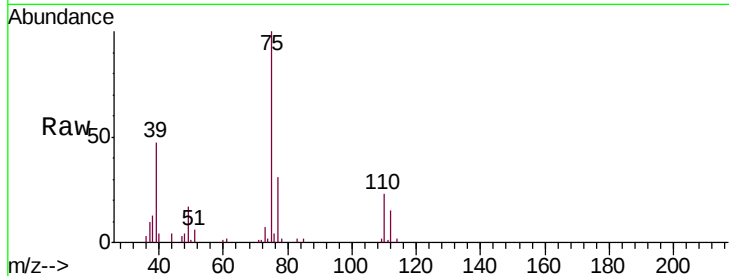




#51
 cis-1,3-Dichloropropene
 Concen: 1.799 ug/l
 RT: 7.25 min Scan# 1917
 Delta R.T. 0.00 min
 Lab File: VU033205.D
 Acq: 11 Jul 2019 23:14

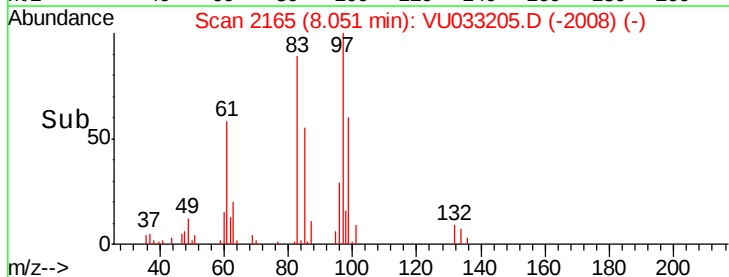
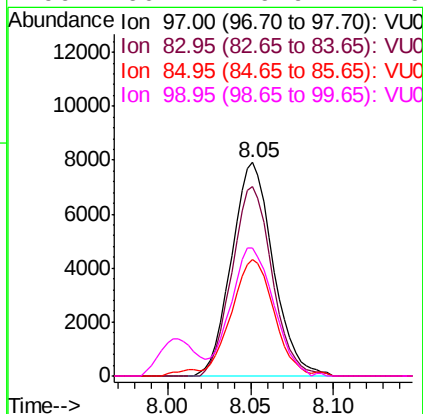
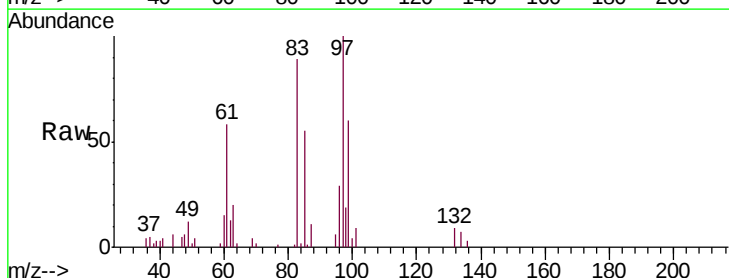
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0711WBS01

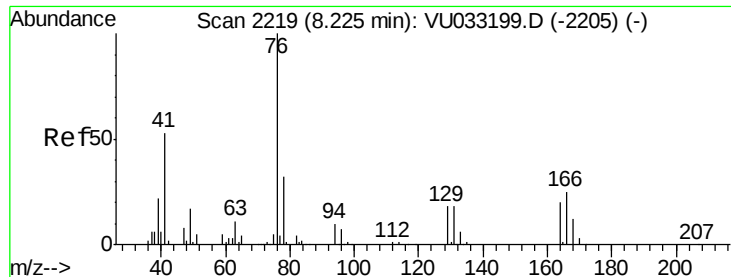
Tgt Ion: 75 Resp: 23505
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.4 38.0
 39 45.7 34.5 51.7



#52
 1,1,2-Trichloroethane
 Concen: 1.928 ug/l
 RT: 8.05 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VU033205.D
 Acq: 11 Jul 2019 23:14

Tgt Ion: 97 Resp: 13846
 Ion Ratio Lower Upper
 97 100
 83 88.8 69.9 104.9
 85 54.7 45.2 67.8
 99 60.1 49.9 74.9

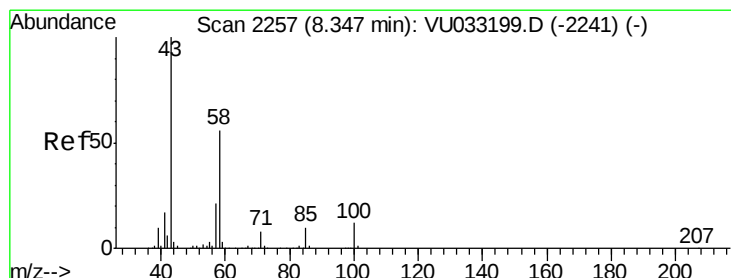
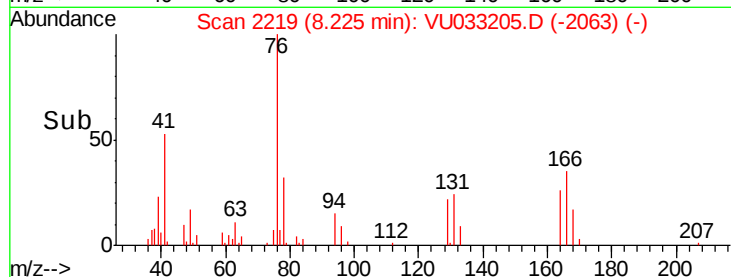
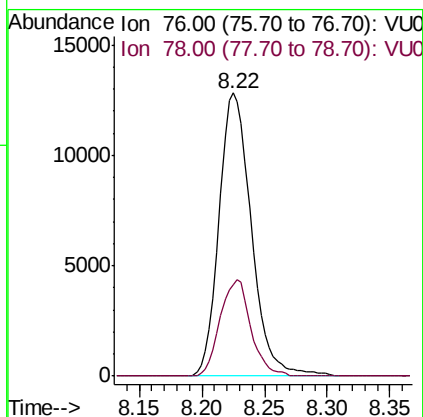
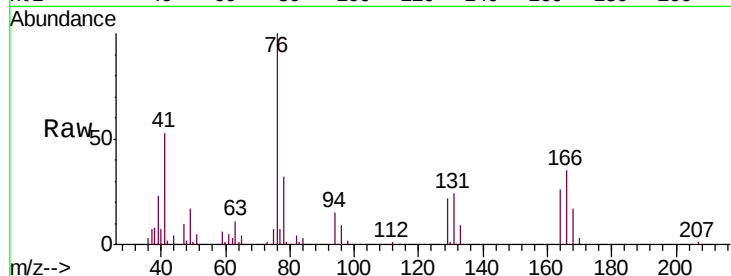




#53
 1,3-Dichloropropane
 Concen: 1.885 ug/l
 RT: 8.22 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: VU033205.D
 Acq: 11 Jul 2019 23:14

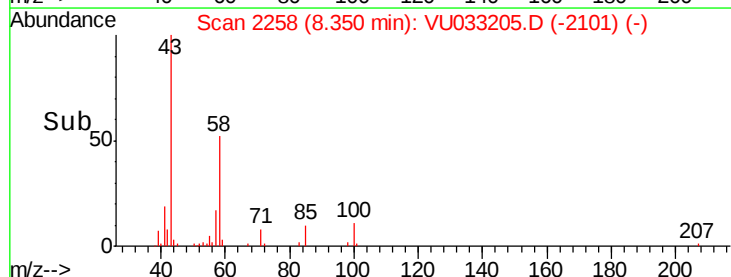
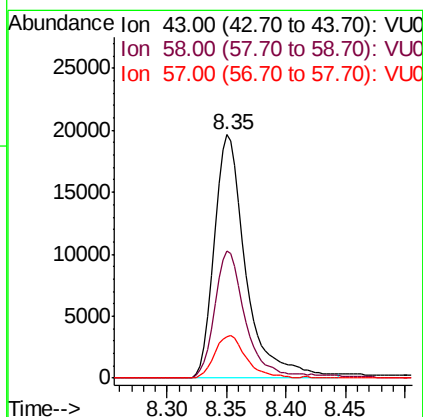
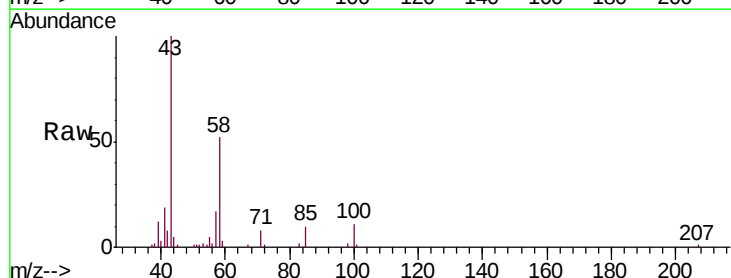
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0711WBS01

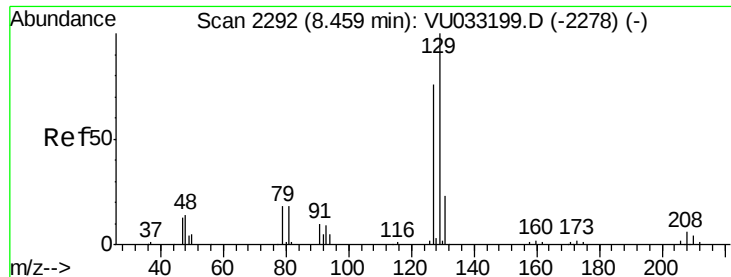
Tgt Ion: 76 Resp: 22949
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.9 38.9



#54
 2-Hexanone
 Concen: 8.915 ug/l
 RT: 8.35 min Scan# 2258
 Delta R.T. 0.00 min
 Lab File: VU033205.D
 Acq: 11 Jul 2019 23:14

Tgt Ion: 43 Resp: 36305
 Ion Ratio Lower Upper
 43 100
 58 50.8 35.8 75.8
 57 17.3 0.2 40.2

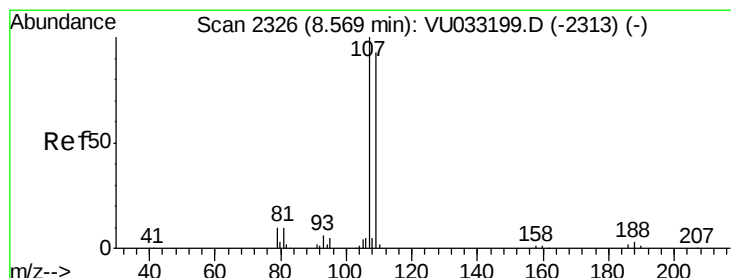
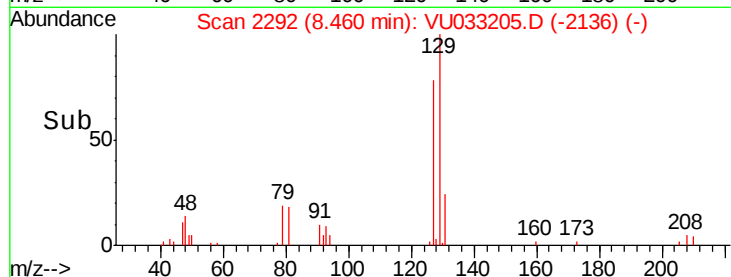
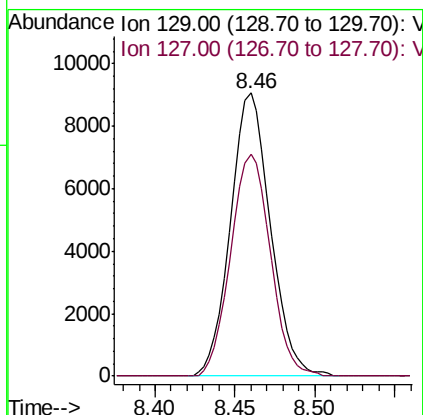
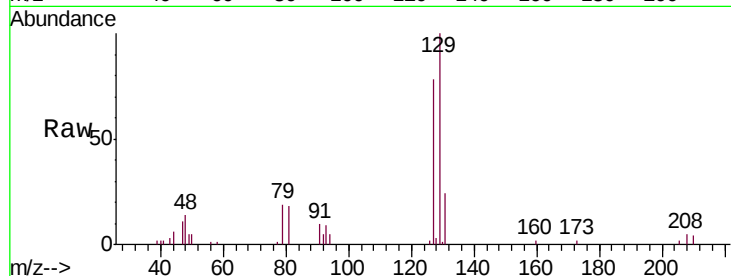




#55
 Dibromochloromethane
 Concen: 1.849 ug/l
 RT: 8.46 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: VU033205.D
 Acq: 11 Jul 2019 23:14

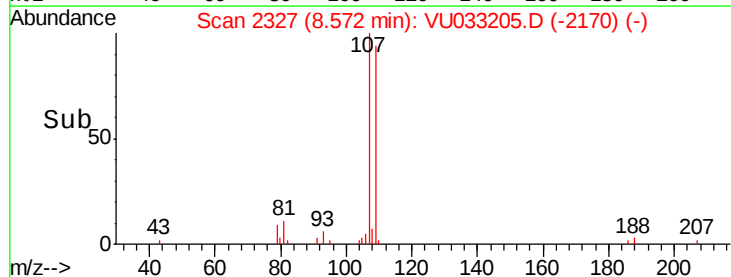
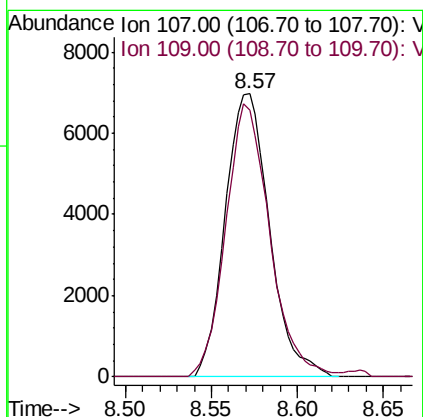
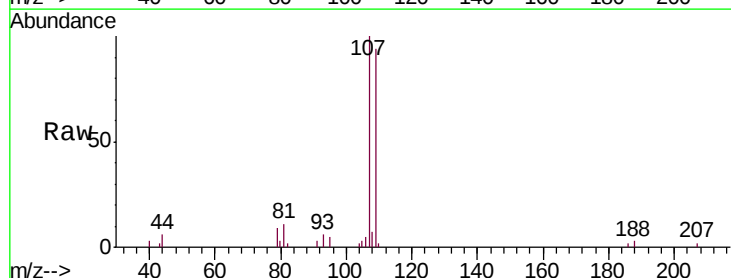
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0711WBS01

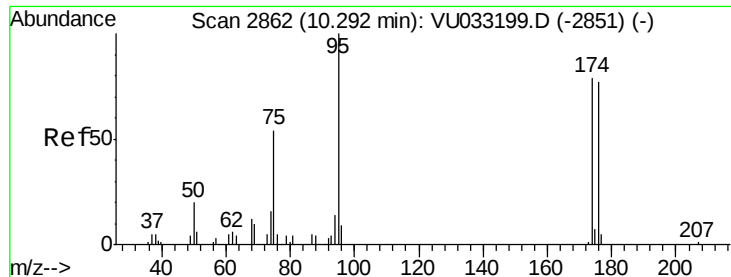
Tgt Ion:129 Resp: 15368
 Ion Ratio Lower Upper
 129 100
 127 78.2 62.9 94.3



#56
 1,2-Dibromoethane
 Concen: 1.878 ug/l
 RT: 8.57 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU033205.D
 Acq: 11 Jul 2019 23:14

Tgt Ion:107 Resp: 12479
 Ion Ratio Lower Upper
 107 100
 109 95.9 0.0 189.2





#57

4-Bromofluorobenzene

Concen: 1.024 ug/l

RT: 10.29 min Scan# 2862

Delta R.T. 0.00 min

Lab File: VU033205.D

Acq: 11 Jul 2019 23:14

Instrument :

MSVOA_U

ClientSampleId :

VU0711WBS01

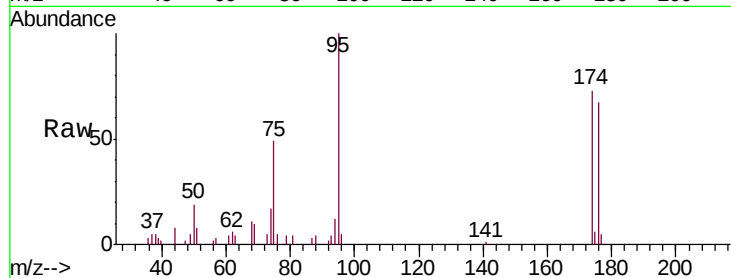
Tgt Ion: 95 Resp: 11738

Ion Ratio Lower Upper

95 100

174 75.1 63.8 95.8

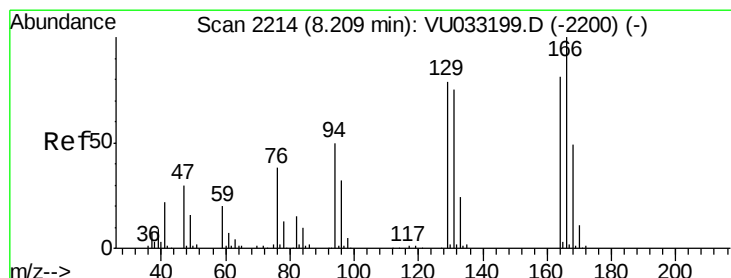
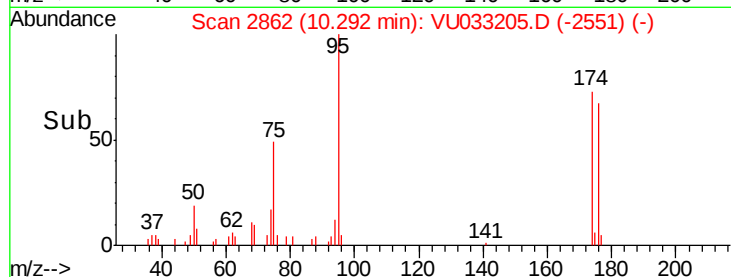
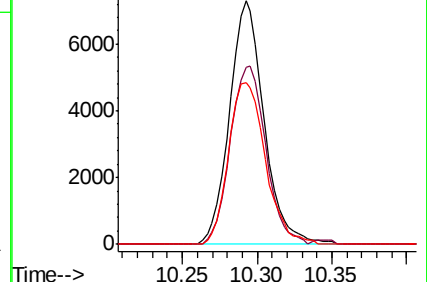
176 71.0 64.5 96.7



Abundance Ion 95.00 (94.70 to 95.70): VU033199.D (-2851) (-)

Ion 174.00 (173.70 to 174.70): VU033199.D (-2851) (-)

Ion 176.00 (175.70 to 176.70): VU033199.D (-2851) (-)



#58

Tetrachloroethene

Concen: 1.877 ug/l

RT: 8.21 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VU033205.D

Acq: 11 Jul 2019 23:14

Tgt Ion: 164 Resp: 16040

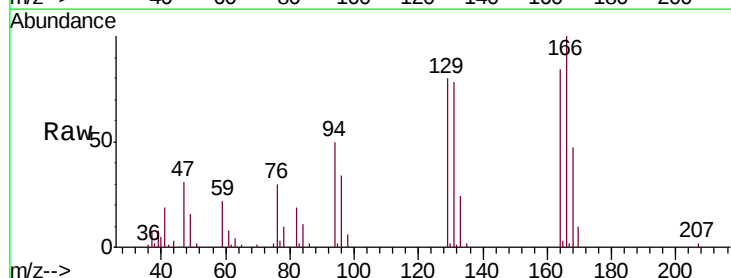
Ion Ratio Lower Upper

164 100

166 119.6 99.3 148.9

129 95.5 78.0 117.0

131 93.0 74.5 111.7

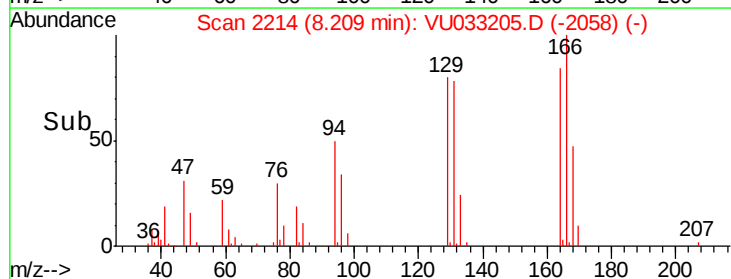
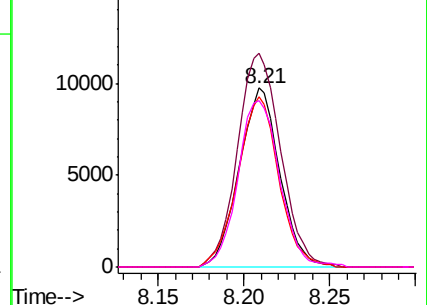


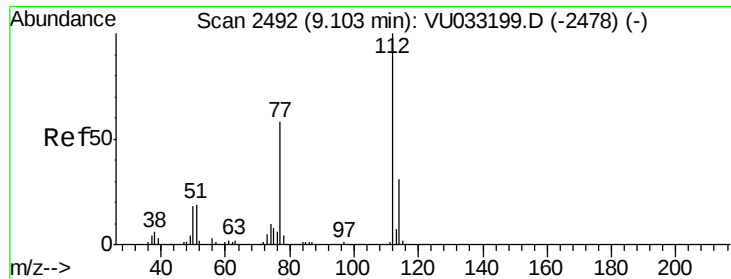
Abundance Ion 163.85 (163.55 to 164.55): VU033199.D (-2200) (-)

Ion 165.80 (165.50 to 166.50): VU033199.D (-2200) (-)

Ion 128.90 (128.60 to 129.60): VU033199.D (-2200) (-)

Ion 130.90 (130.60 to 131.60): VU033199.D (-2200) (-)

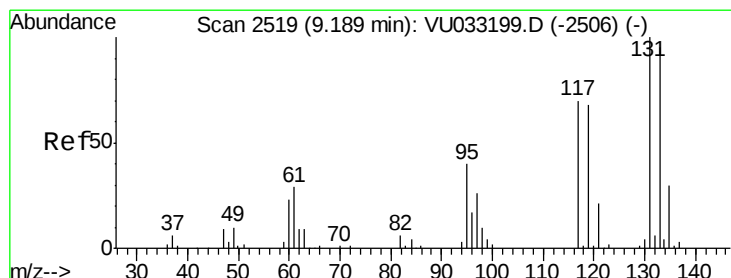
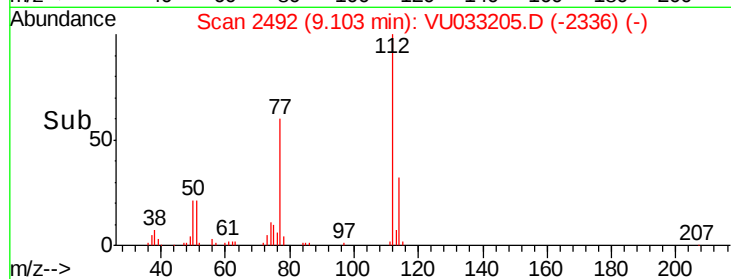
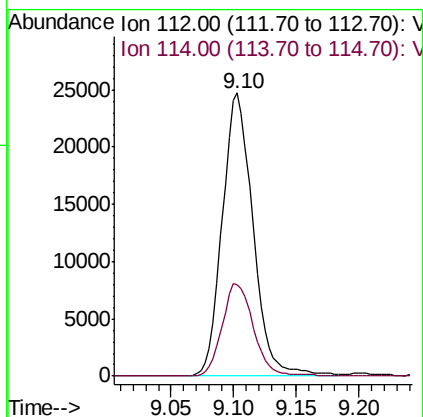
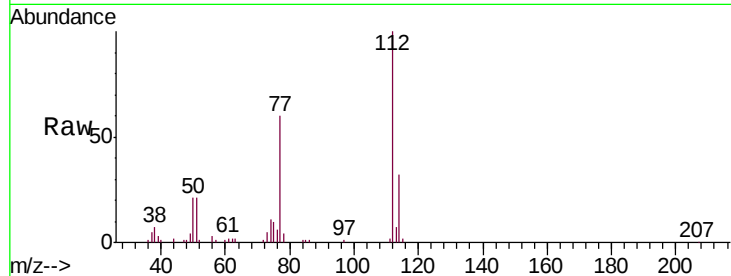




#59
Chlorobenzene
Concen: 1.776 ug/l
RT: 9.10 min Scan# 2492
Delta R.T. 0.00 min
Lab File: VU033205.D
Acq: 11 Jul 2019 23:14

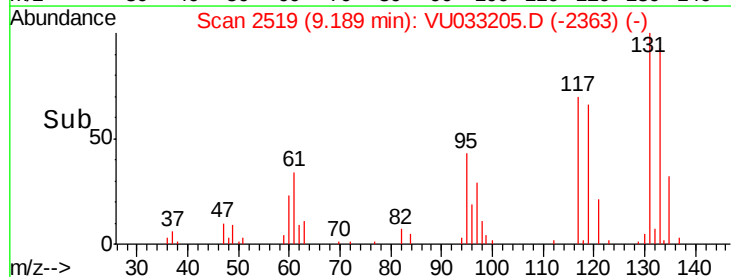
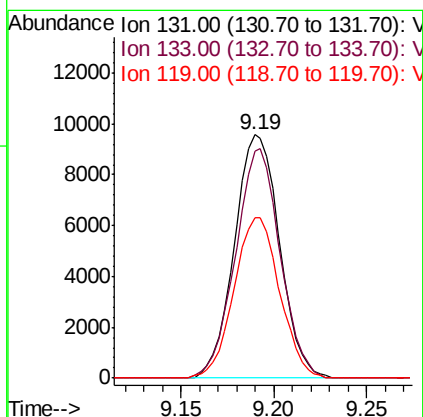
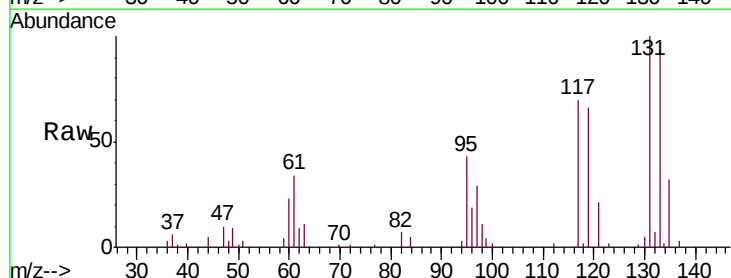
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

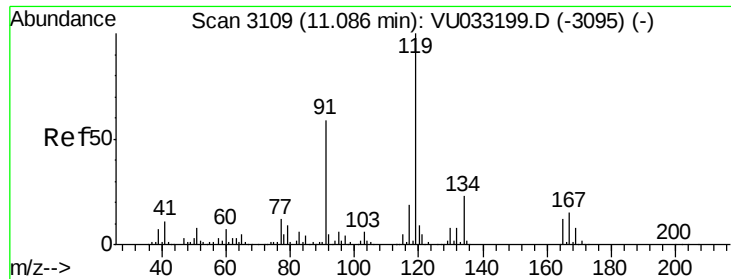
Tgt Ion:112 Resp: 42126
Ion Ratio Lower Upper
112 100
114 32.4 25.1 37.7



#60
1,1,1,2-Tetrachloroethane
Concen: 1.852 ug/l
RT: 9.19 min Scan# 2519
Delta R.T. 0.00 min
Lab File: VU033205.D
Acq: 11 Jul 2019 23:14

Tgt Ion:131 Resp: 16182
Ion Ratio Lower Upper
131 100
133 93.0 76.7 115.1
119 66.5 54.2 81.2





#61

Pentachloroethane

Concen: 1.783 ug/l

RT: 11.09 min Scan# 3109

Delta R.T. 0.00 min

Lab File: VU033205.D

Acq: 11 Jul 2019 23:14

Instrument :

MSVOA_U

ClientSampleId :

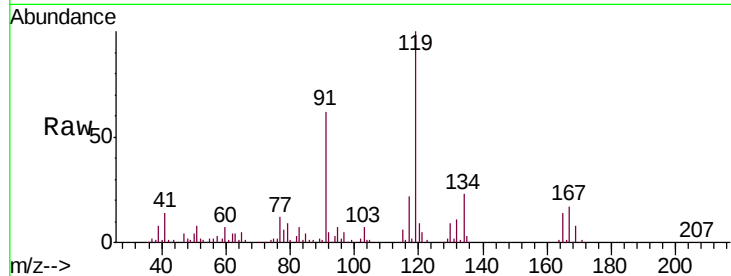
VU0711WBS01

Tgt Ion:117 Resp: 12247

Ion Ratio Lower Upper

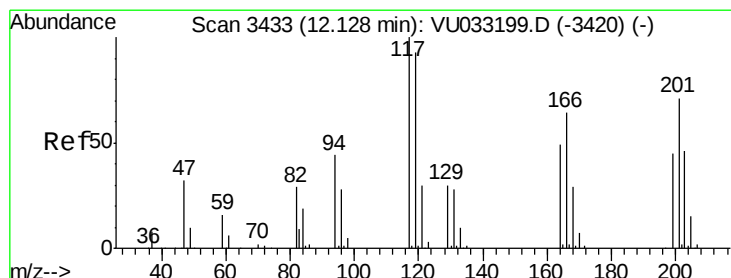
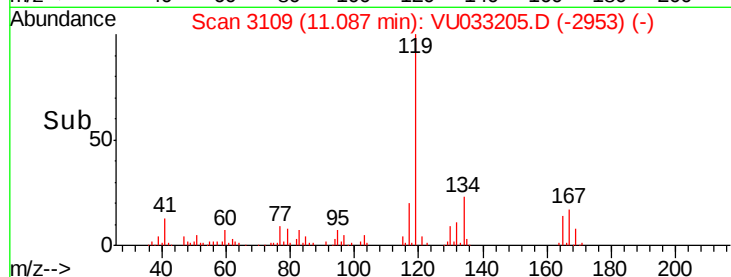
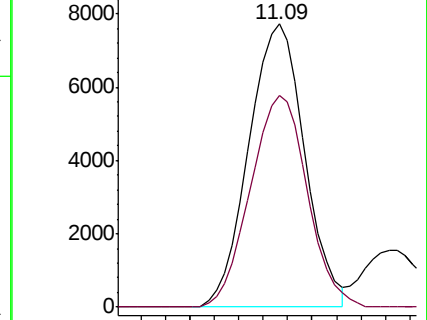
117 100

167 76.3 63.6 95.4



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 1.720 ug/l

RT: 12.13 min Scan# 3433

Delta R.T. 0.00 min

Lab File: VU033205.D

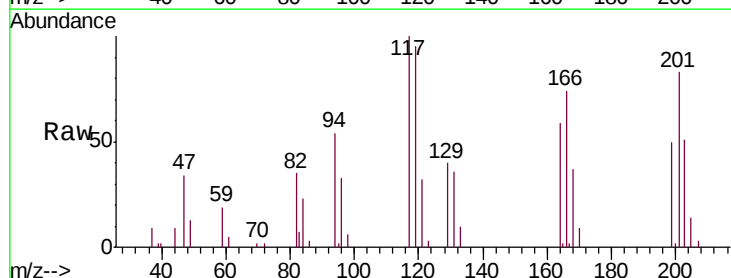
Acq: 11 Jul 2019 23:14

Tgt Ion:117 Resp: 11474

Ion Ratio Lower Upper

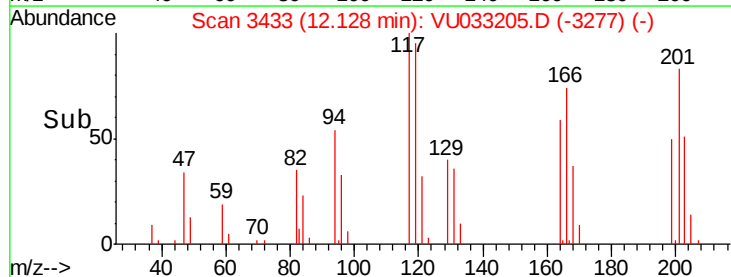
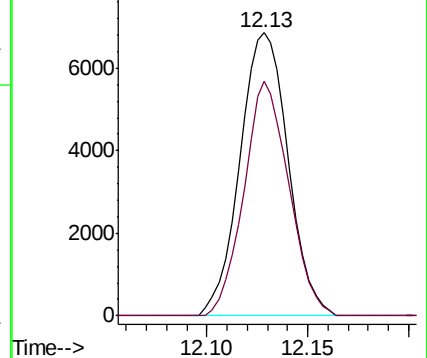
117 100

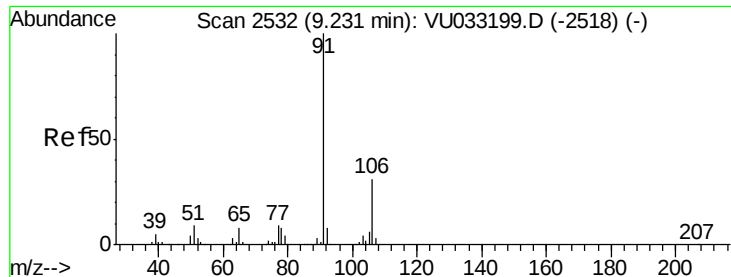
201 77.1 58.5 87.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V

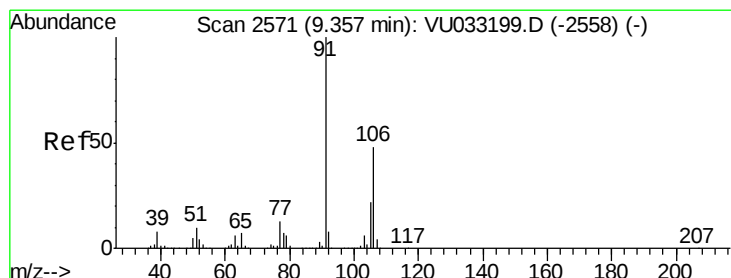
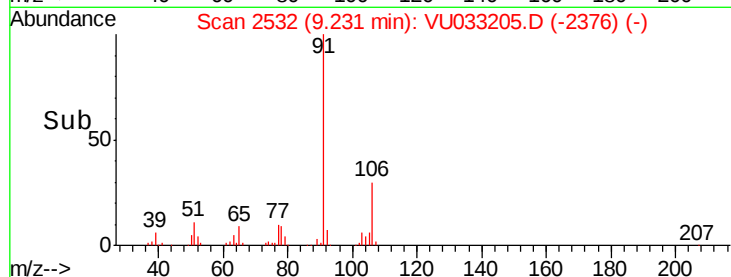
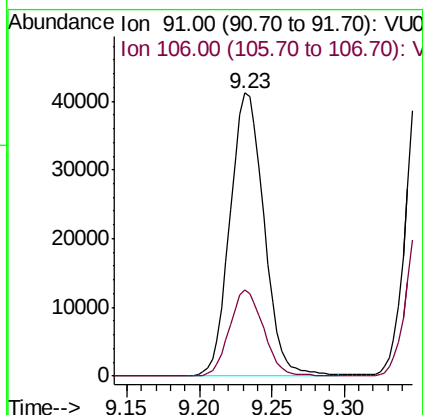
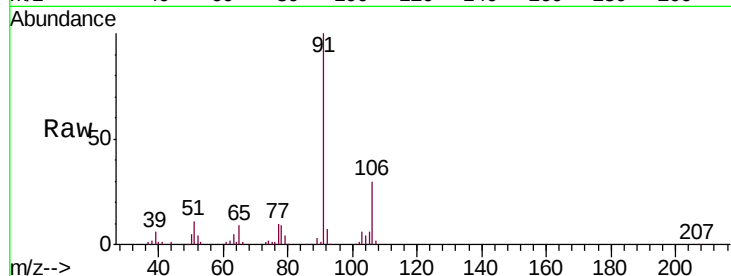




#63
Ethyl Benzene
Concen: 1.737 ug/l
RT: 9.23 min Scan# 2532
Delta R.T. 0.00 min
Lab File: VU033205.D
Acq: 11 Jul 2019 23:14

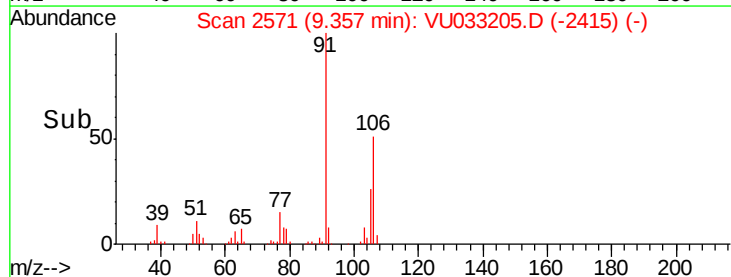
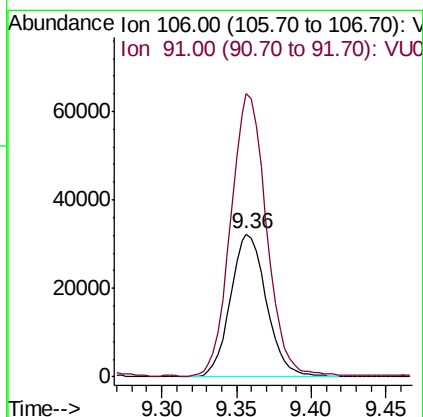
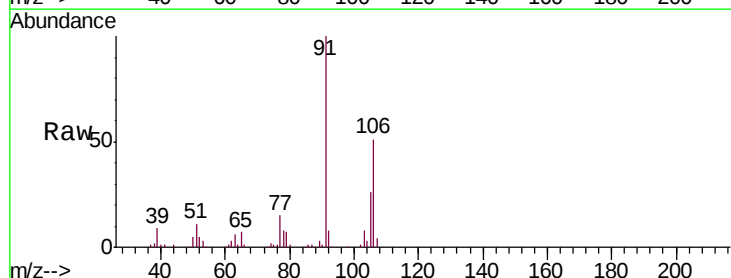
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

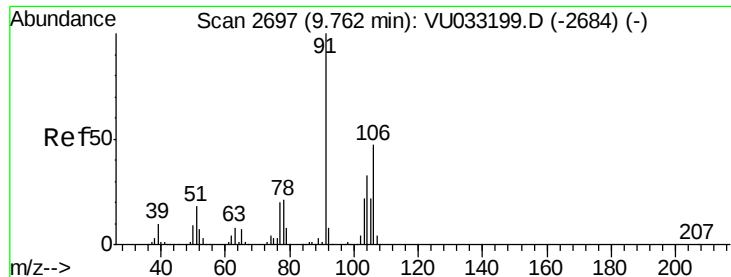
Tgt Ion: 91 Resp: 67333
Ion Ratio Lower Upper
91 100
106 30.5 24.9 37.3



#64
m/p-Xylenes
Concen: 3.567 ug/l
RT: 9.36 min Scan# 2571
Delta R.T. 0.00 min
Lab File: VU033205.D
Acq: 11 Jul 2019 23:14

Tgt Ion: 106 Resp: 54054
Ion Ratio Lower Upper
106 100
91 196.0 164.8 247.2

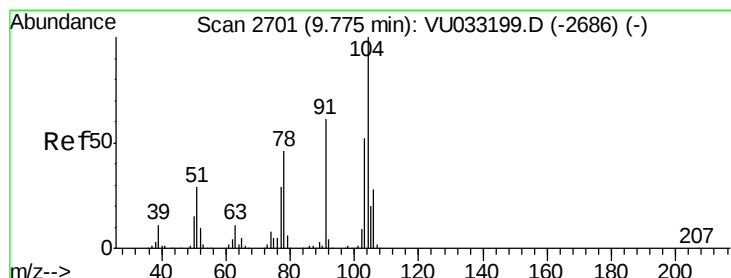
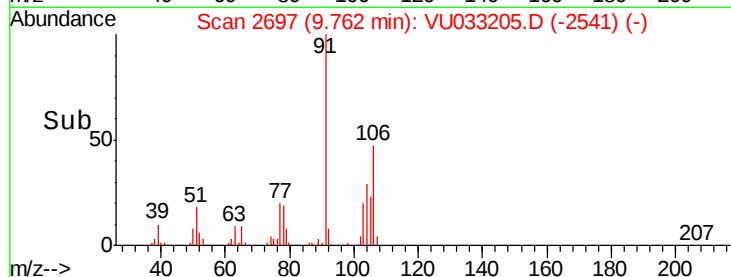
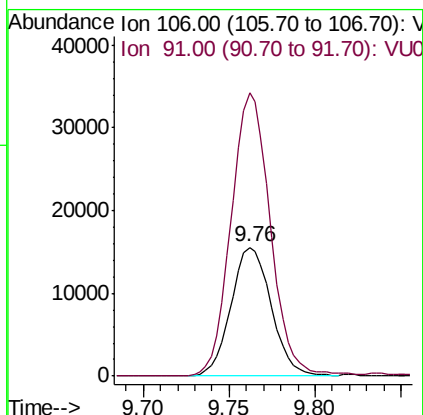
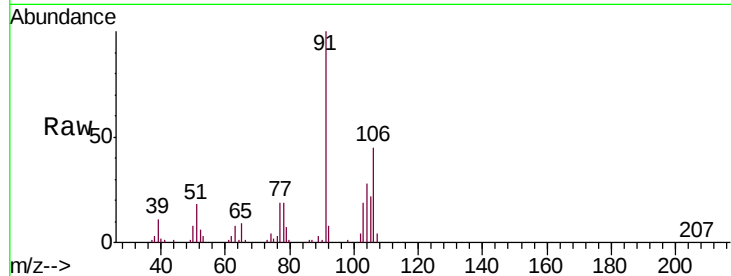




#65
o-Xylene
Concen: 1.725 ug/l
RT: 9.76 min Scan# 2697
Delta R.T. 0.00 min
Lab File: VU033205.D
Acq: 11 Jul 2019 23:14

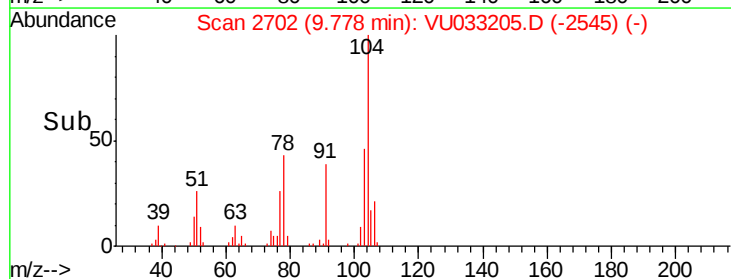
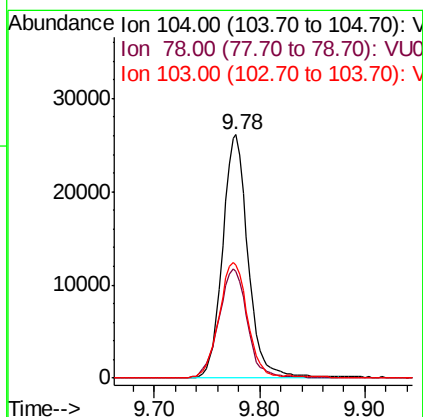
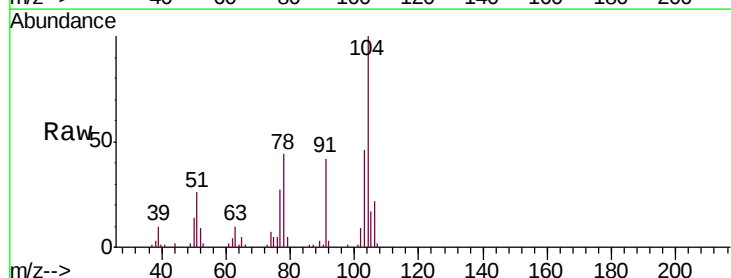
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

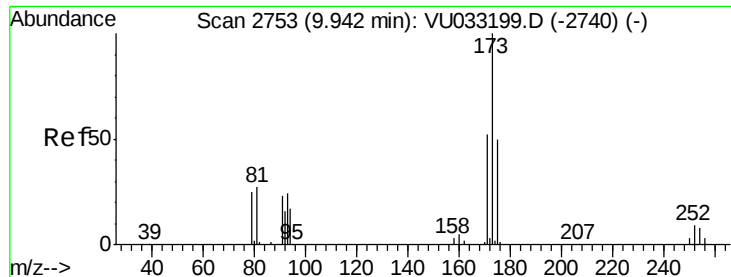
Tgt Ion:106 Resp: 25409
Ion Ratio Lower Upper
106 100
91 214.2 108.6 325.8



#66
Styrene
Concen: 1.756 ug/l
RT: 9.78 min Scan# 2702
Delta R.T. 0.00 min
Lab File: VU033205.D
Acq: 11 Jul 2019 23:14

Tgt Ion:104 Resp: 43665
Ion Ratio Lower Upper
104 100
78 49.8 40.4 60.6
103 53.0 44.3 66.5

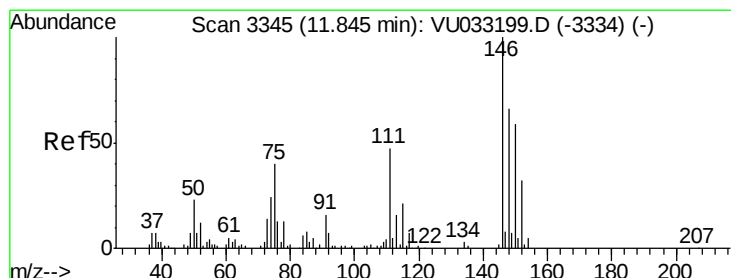
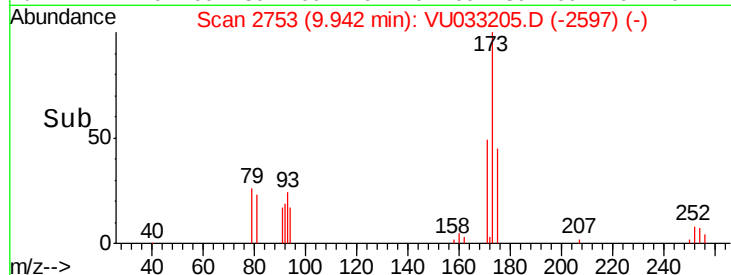
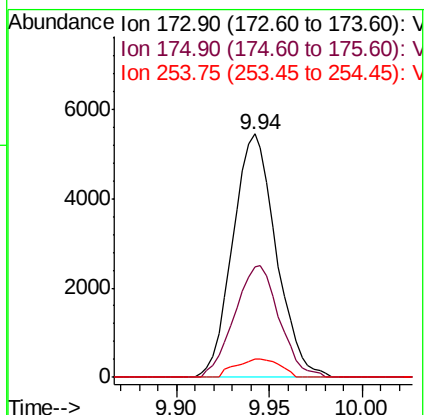
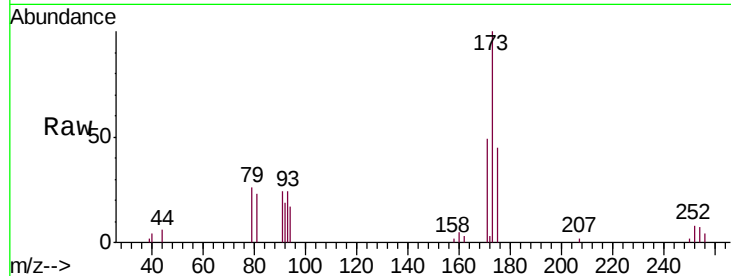




#67
Bromoform
Concen: 1.866 ug/l
RT: 9.94 min Scan# 2753
Delta R.T. 0.00 min
Lab File: VU033205.D
Acq: 11 Jul 2019 23:14

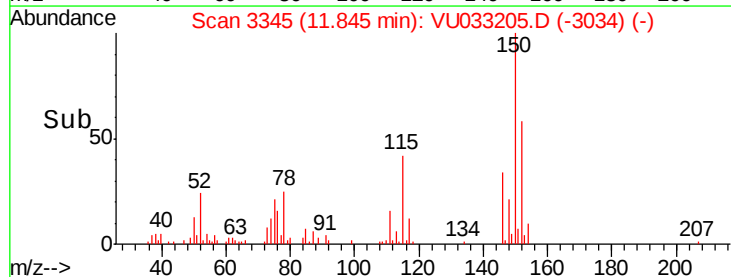
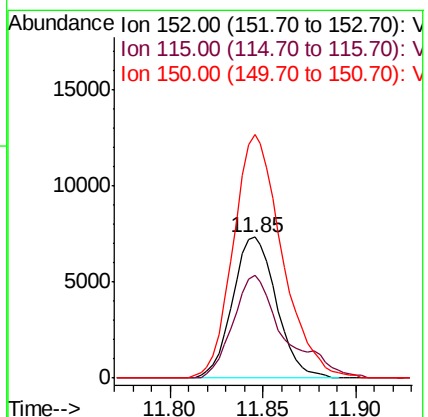
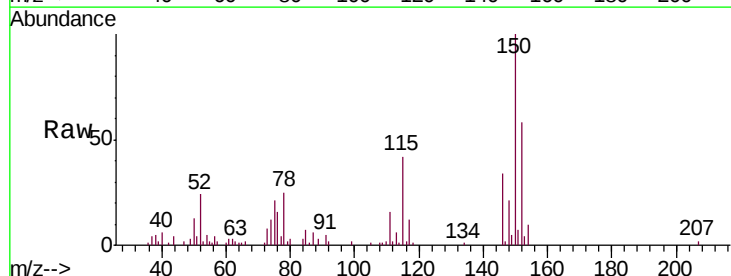
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

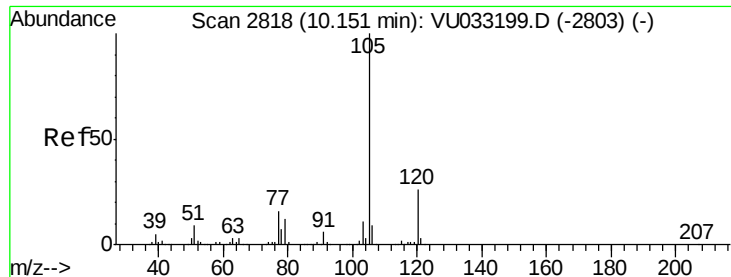
Tgt Ion:173 Resp: 8820
Ion Ratio Lower Upper
173 100
175 47.4 39.4 59.0
254 7.7 6.9 10.3



#68
1,2-Dichlorobenzene-d4
Concen: 0.971 ug/l
RT: 11.85 min Scan# 3345
Delta R.T. 0.00 min
Lab File: VU033205.D
Acq: 11 Jul 2019 23:14

Tgt Ion:152 Resp: 12058
Ion Ratio Lower Upper
152 100
115 84.8 0.0 131.0
150 192.5 0.0 634.4





#69

Isopropylbenzene

Concen: 1.764 ug/l

RT: 10.15 min Scan# 2818

Delta R.T. 0.00 min

Lab File: VU033205.D

Acq: 11 Jul 2019 23:14

Instrument :

MSVOA_U

ClientSampleId :

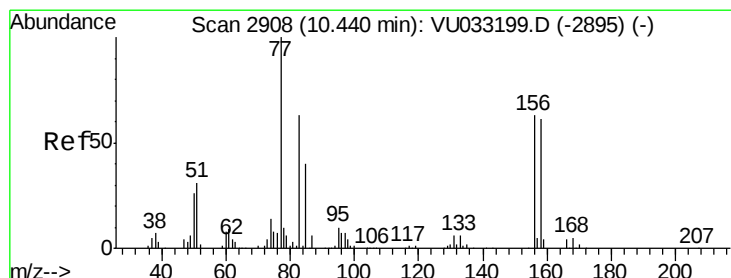
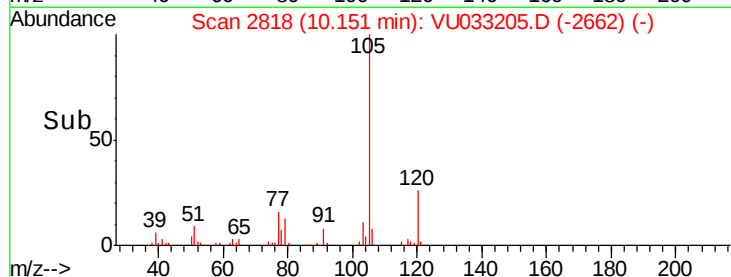
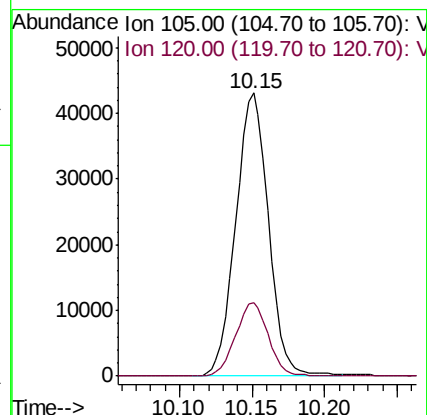
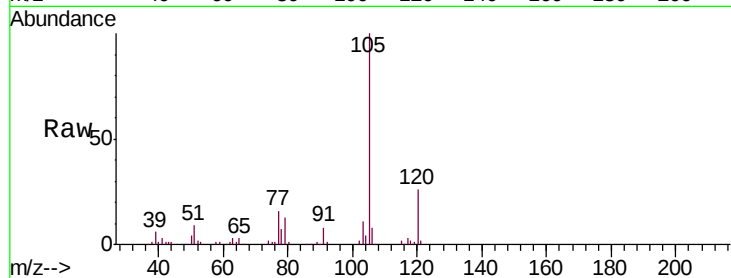
VU0711WBS01

Tgt Ion:105 Resp: 67552

Ion Ratio Lower Upper

105 100

120 25.9 13.2 39.6



#70

1,1,2,2-Tetrachloroethane

Concen: 1.865 ug/l

RT: 10.44 min Scan# 2909

Delta R.T. 0.00 min

Lab File: VU033205.D

Acq: 11 Jul 2019 23:14

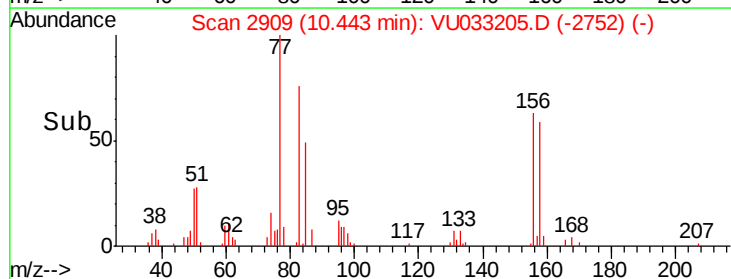
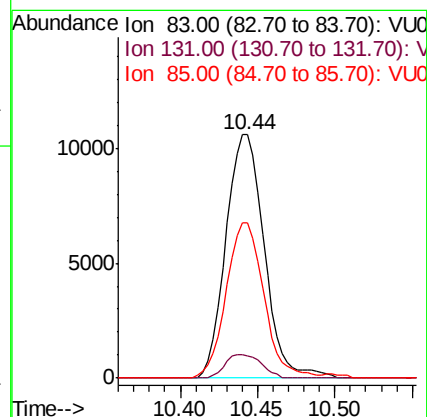
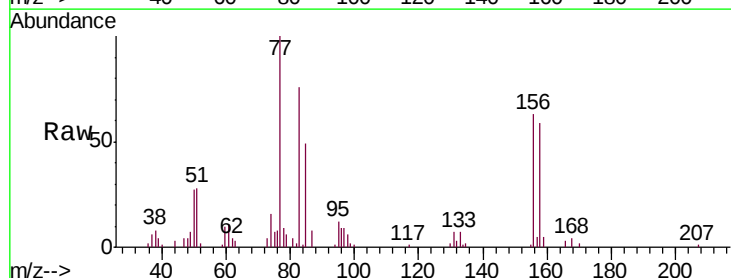
Tgt Ion: 83 Resp: 18235

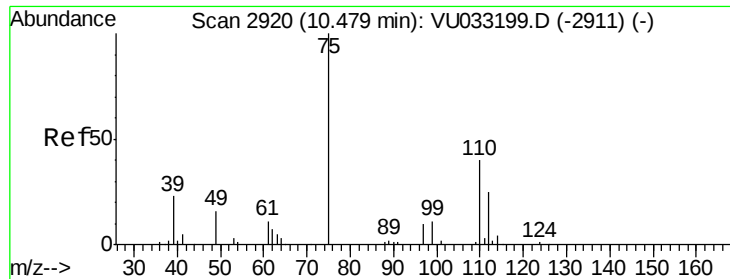
Ion Ratio Lower Upper

83 100

131 9.1 8.0 12.0

85 62.7 50.6 76.0

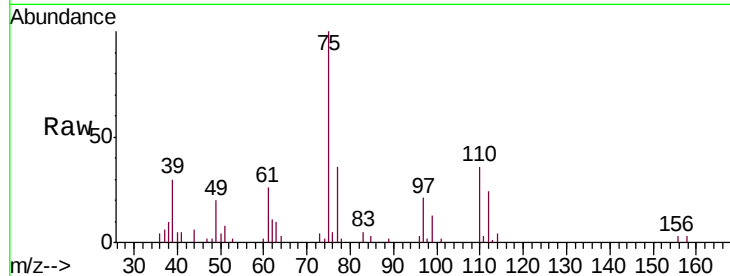




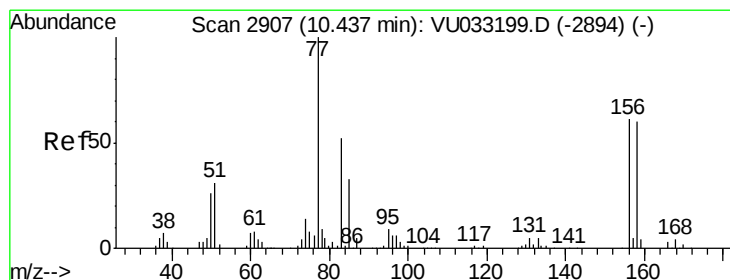
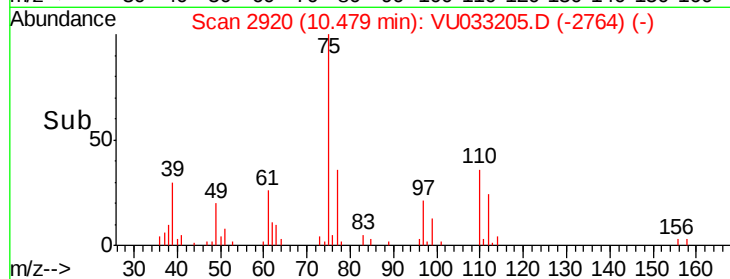
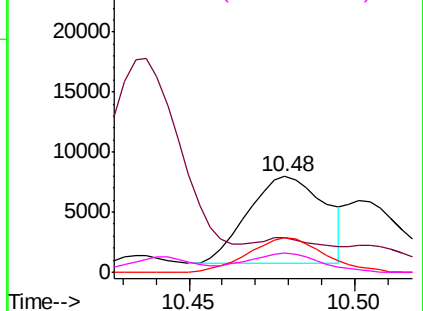
#71
 1,2,3-Trichloropropane
 Concen: 1.609 ug/l
 RT: 10.48 min Scan# 2920
 Delta R.T. 0.00 min
 Lab File: VU033205.D
 Acq: 11 Jul 2019 23:14

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0711WBS01

Tgt Ion:	75	Resp:	11790
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	15.4
110	38.6	0.0	72.2
97	20.3	0.0	37.2

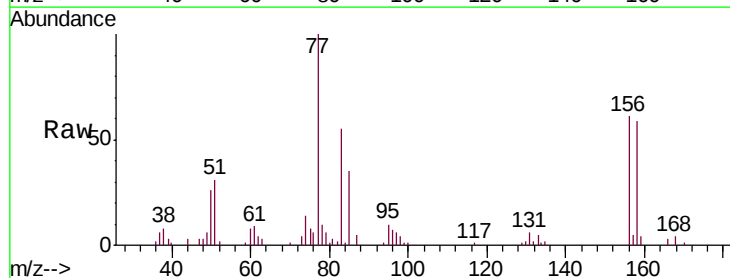


Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 110.00 (109.70 to 110.70): V
 Ion 97.00 (96.70 to 97.70): VU0

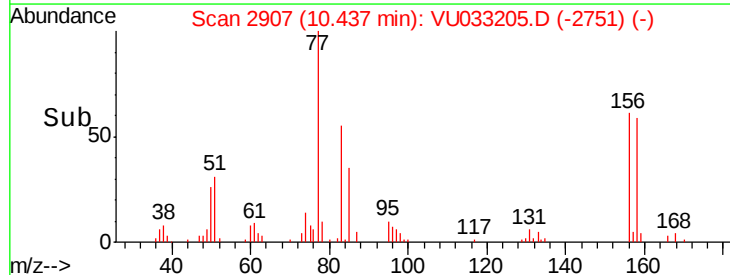
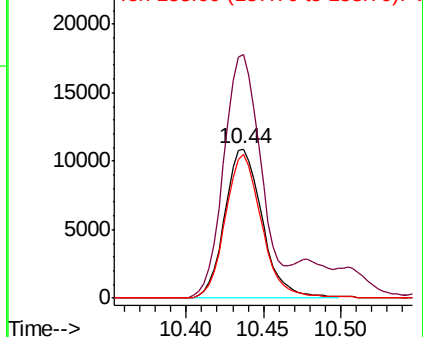


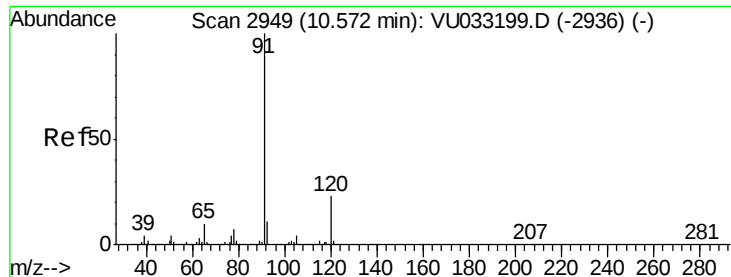
#72
 Bromobenzene
 Concen: 1.837 ug/l
 RT: 10.44 min Scan# 2907
 Delta R.T. 0.00 min
 Lab File: VU033205.D
 Acq: 11 Jul 2019 23:14

Tgt Ion:	156	Resp:	18245
Ion	Ratio	Lower	Upper
156	100		
77	163.6	0.0	326.0
158	94.0	0.0	193.2



Abundance Ion 156.00 (155.70 to 156.70): V
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 158.00 (157.70 to 158.70): V





#73

n-propylbenzene

Concen: 1.741 ug/l

RT: 10.57 min Scan# 2949

Delta R.T. 0.00 min

Lab File: VU033205.D

Acq: 11 Jul 2019 23:14

Instrument :

MSVOA_U

ClientSampleId :

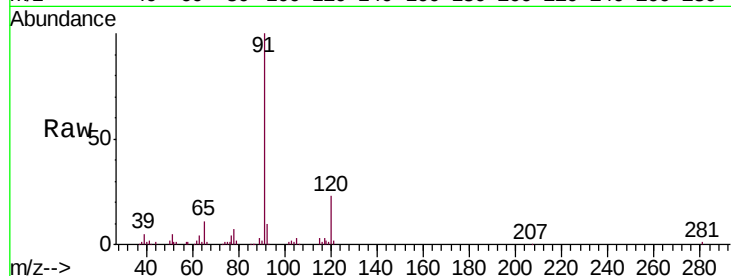
VU0711WBS01

Tgt Ion:120 Resp: 18888

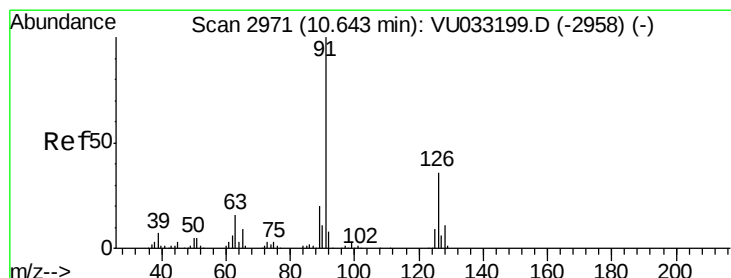
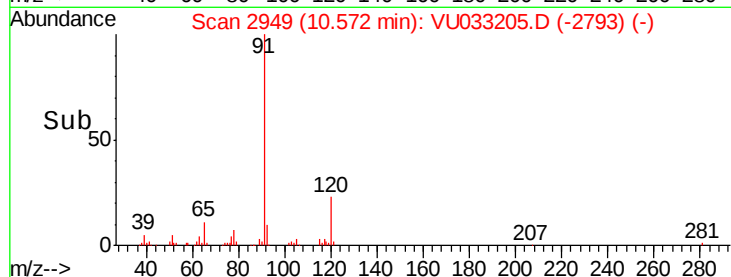
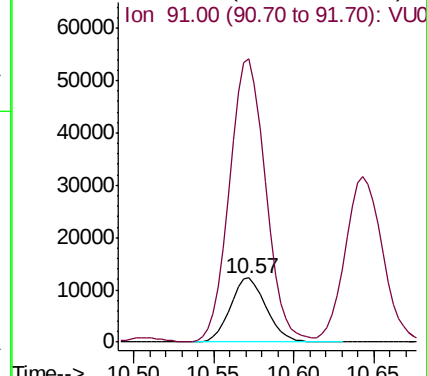
Ion Ratio Lower Upper

120 100

91 440.3 349.0 523.4



Abundance Ion 120.00 (119.70 to 120.70): V



#74

2-Chlorotoluene

Concen: 1.849 ug/l

RT: 10.64 min Scan# 2971

Delta R.T. 0.00 min

Lab File: VU033205.D

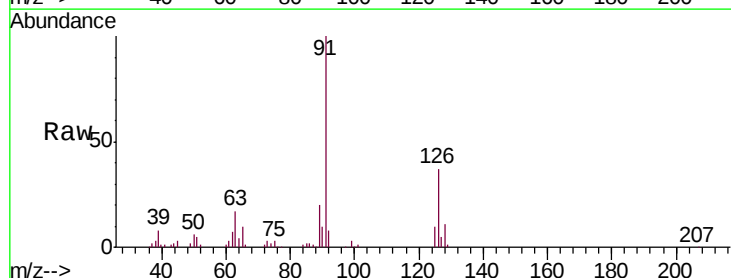
Acq: 11 Jul 2019 23:14

Tgt Ion:126 Resp: 18104

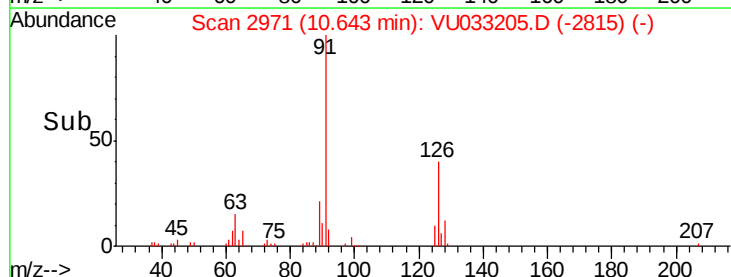
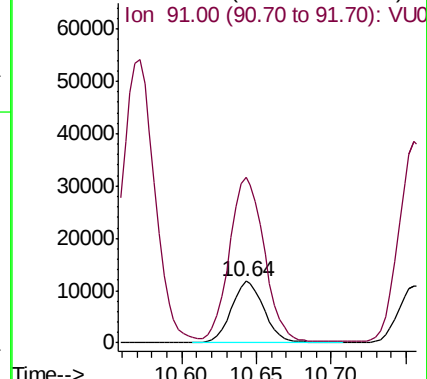
Ion Ratio Lower Upper

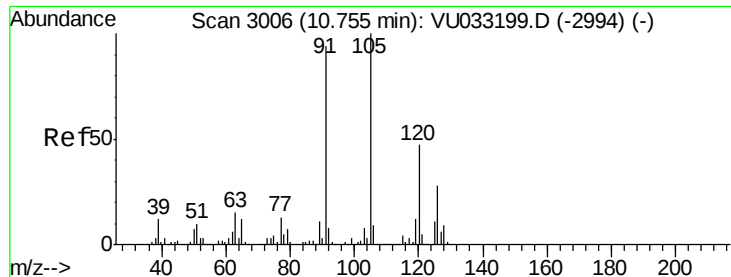
126 100

91 278.2 0.0 592.2



Abundance Ion 126.00 (125.70 to 126.70): V





#75

1,3,5-Trimethylbenzene

Concen: 1.748 ug/l

RT: 10.76 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VU033205.D

Acq: 11 Jul 2019 23:14

Instrument :

MSVOA_U

ClientSampleId :

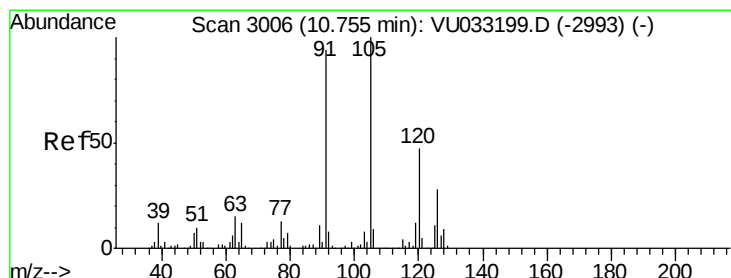
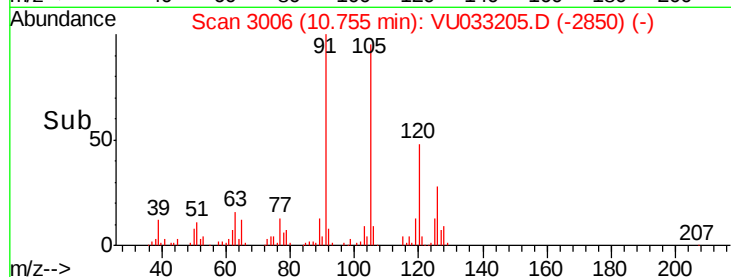
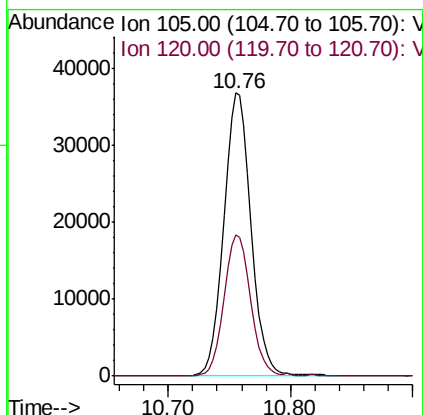
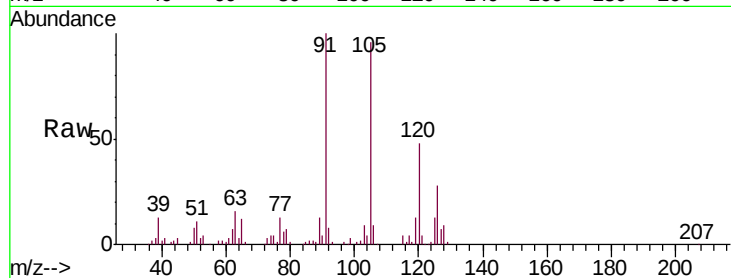
VU0711WBS01

Tgt Ion:105 Resp: 57927

Ion Ratio Lower Upper

105 100

120 48.6 37.8 56.8



#76

4-Chlorotoluene

Concen: 1.786 ug/l

RT: 10.76 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VU033205.D

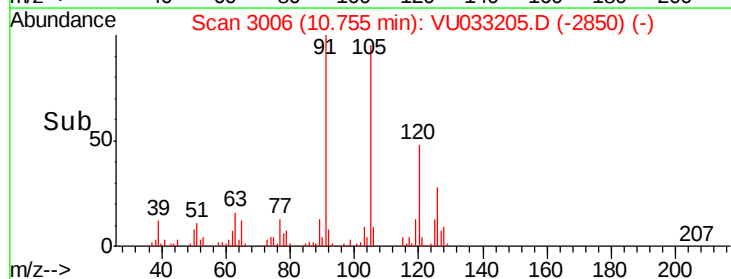
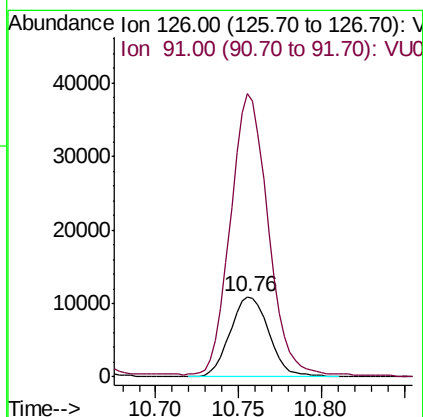
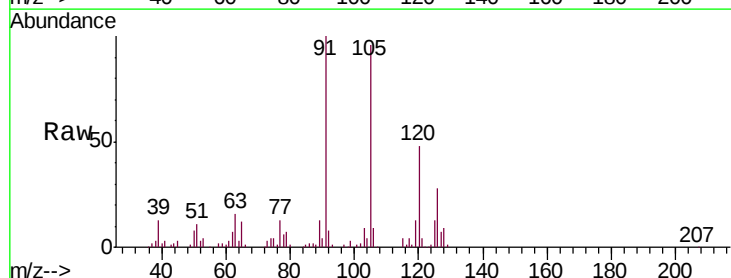
Acq: 11 Jul 2019 23:14

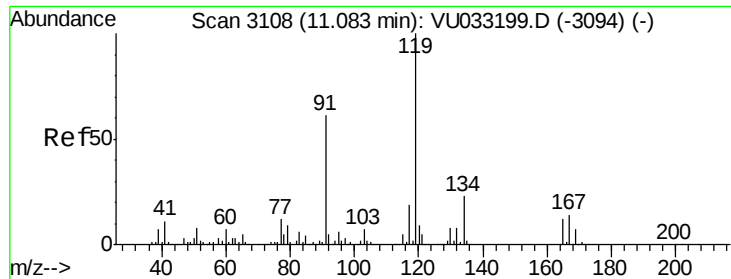
Tgt Ion:126 Resp: 17855

Ion Ratio Lower Upper

126 100

91 342.6 0.0 663.4





#77

tert-Butylbenzene

Concen: 1.739 ug/l

RT: 11.08 min Scan# 3108

Delta R.T. 0.00 min

Lab File: VU033205.D

Acq: 11 Jul 2019 23:14

Instrument :

MSVOA_U

ClientSampleId :

VU0711WBS01

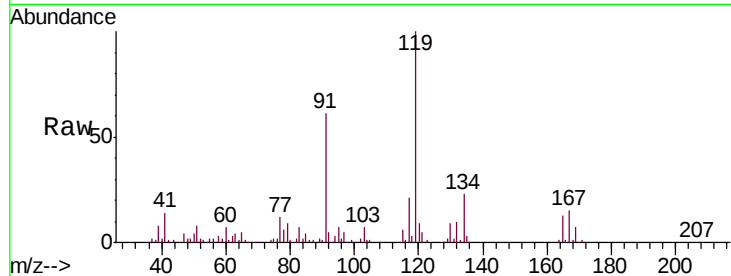
Tgt Ion:119 Resp: 55508

Ion Ratio Lower Upper

119 100

91 61.6 29.8 89.5

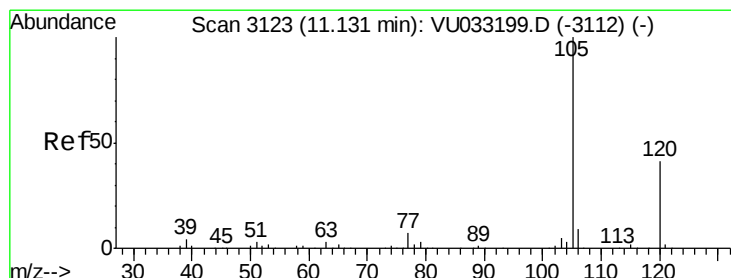
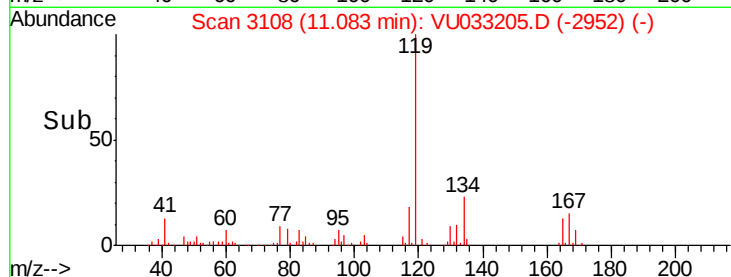
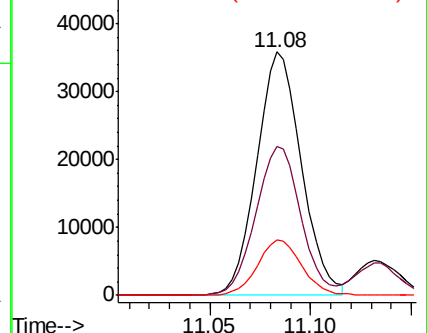
134 22.5 18.2 27.4



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



#78

1,2,4-Trimethylbenzene

Concen: 1.765 ug/l

RT: 11.13 min Scan# 3123

Delta R.T. 0.00 min

Lab File: VU033205.D

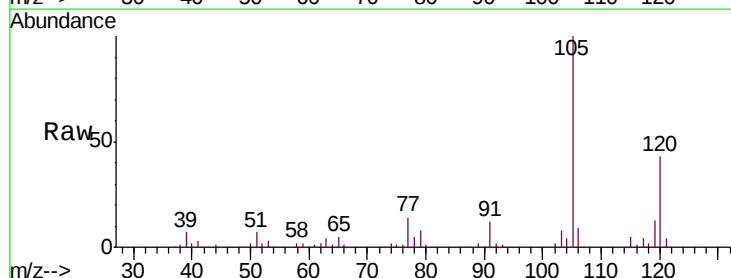
Acq: 11 Jul 2019 23:14

Tgt Ion:105 Resp: 59779

Ion Ratio Lower Upper

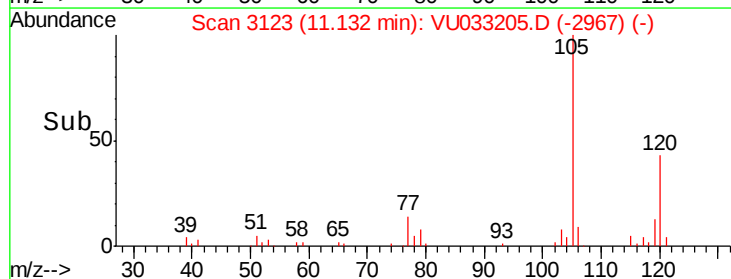
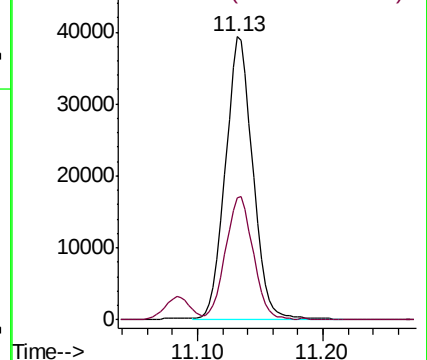
105 100

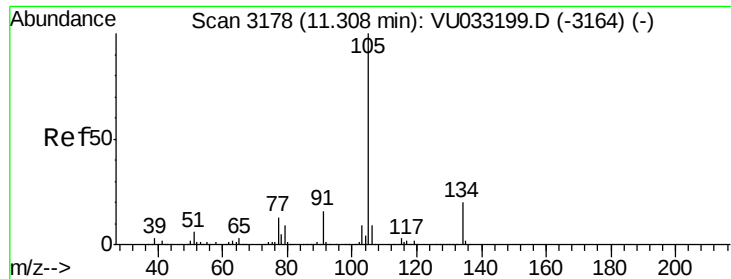
120 43.2 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#79

sec-Butylbenzene

Concen: 1.743 ug/l

RT: 11.31 min Scan# 3178

Delta R.T. 0.00 min

Lab File: VU033205.D

Acq: 11 Jul 2019 23:14

Instrument :

MSVOA_U

ClientSampleId :

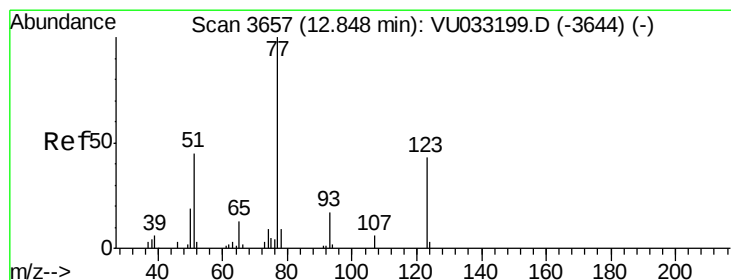
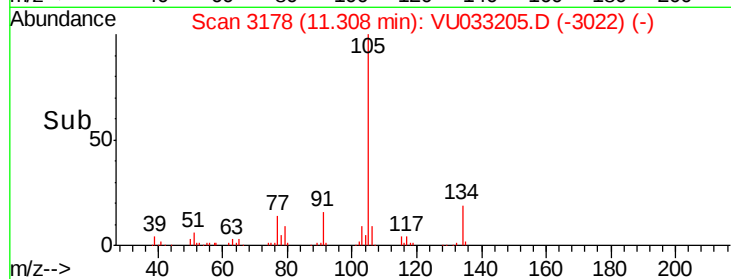
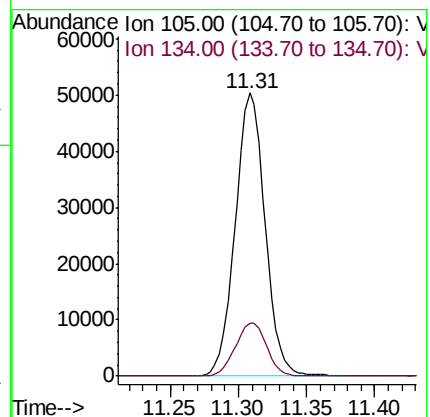
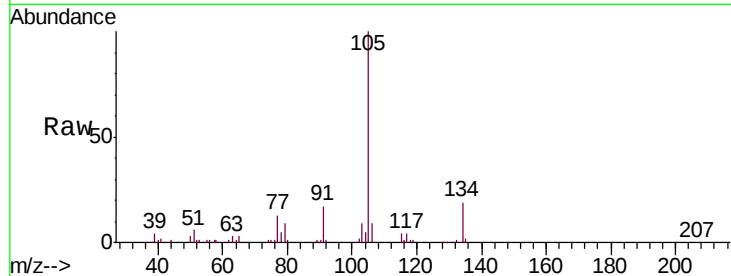
VU0711WBS01

Tgt Ion:105 Resp: 76363

Ion Ratio Lower Upper

105 100

134 19.6 15.8 23.8



#80

Nitrobenzene

Concen: 7.161 ug/l

RT: 12.86 min Scan# 3660

Delta R.T. 0.01 min

Lab File: VU033205.D

Acq: 11 Jul 2019 23:14

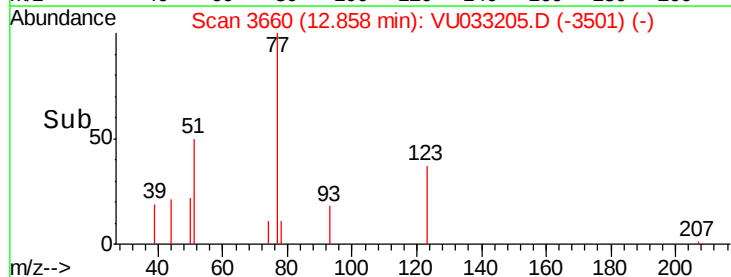
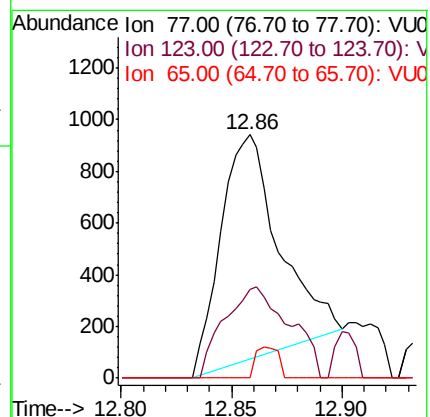
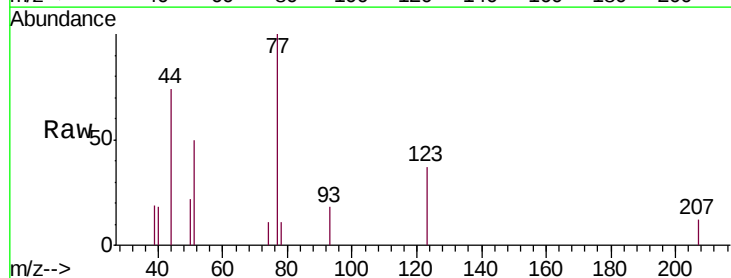
Tgt Ion: 77 Resp: 1618

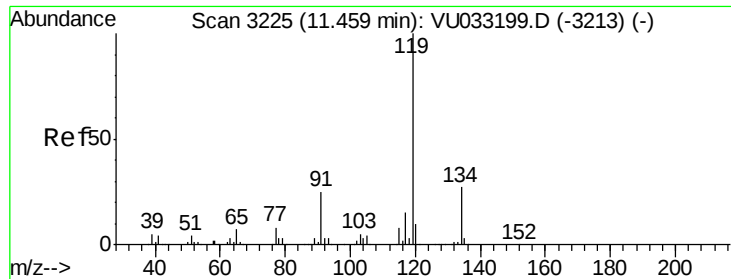
Ion Ratio Lower Upper

77 100

123 44.7 20.9 74.1

65 5.4 10.7 13.7#

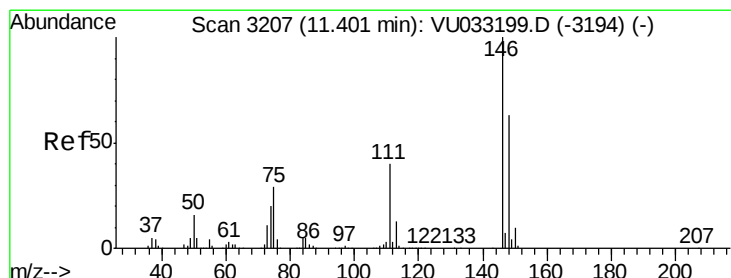
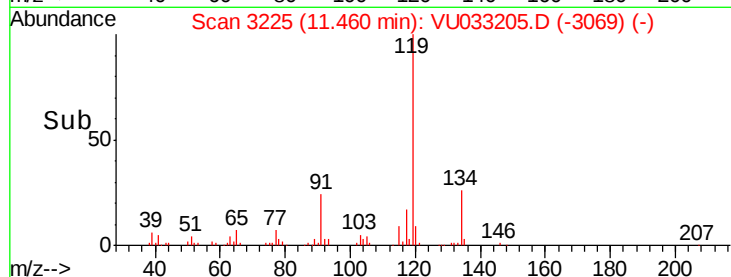
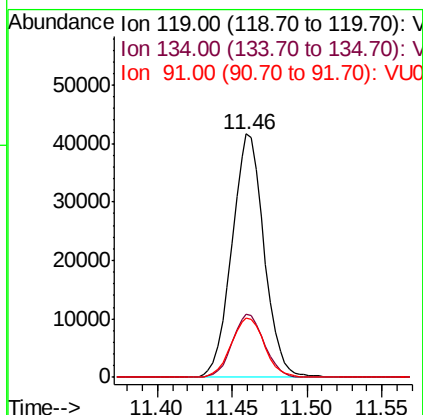
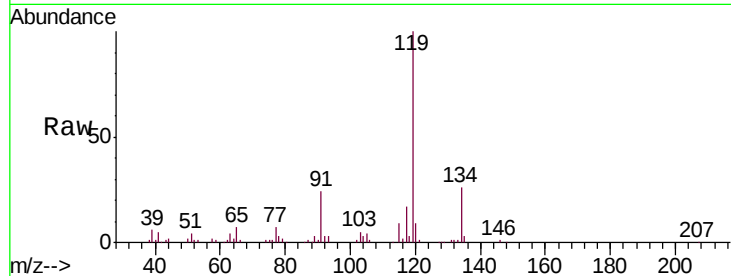




#81
p-Isopropyltoluene
Concen: 1.747 ug/l
RT: 11.46 min Scan# 3225
Delta R.T. 0.00 min
Lab File: VU033205.D
Acq: 11 Jul 2019 23:14

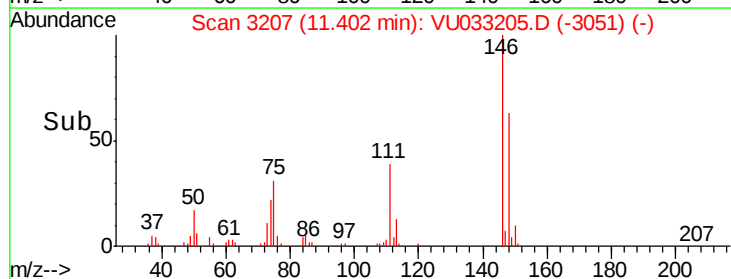
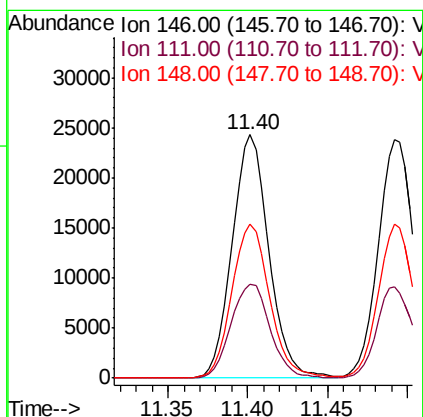
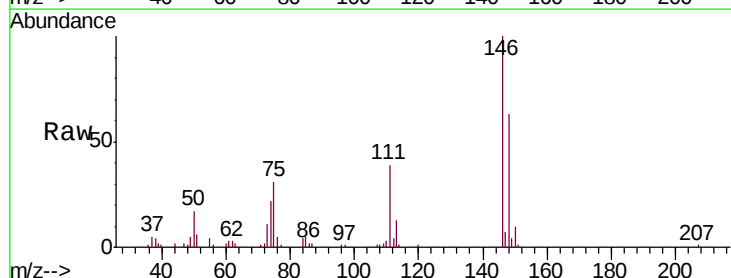
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

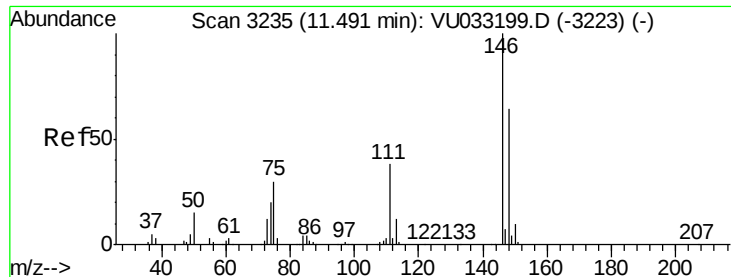
Tgt Ion:119 Resp: 62236
Ion Ratio Lower Upper
119 100
134 25.9 21.1 31.7
91 25.3 19.7 29.5



#82
1,3-Dichlorobenzene
Concen: 1.852 ug/l
RT: 11.40 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU033205.D
Acq: 11 Jul 2019 23:14

Tgt Ion:146 Resp: 37965
Ion Ratio Lower Upper
146 100
111 41.1 32.2 48.4
148 65.0 50.8 76.2

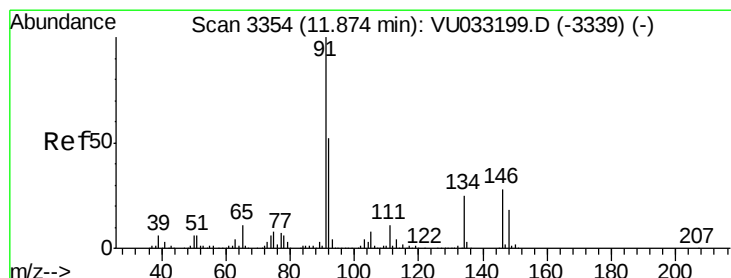
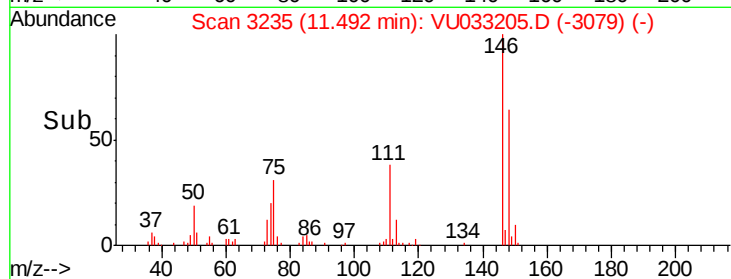
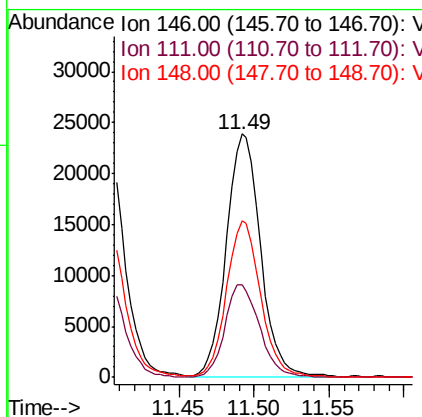
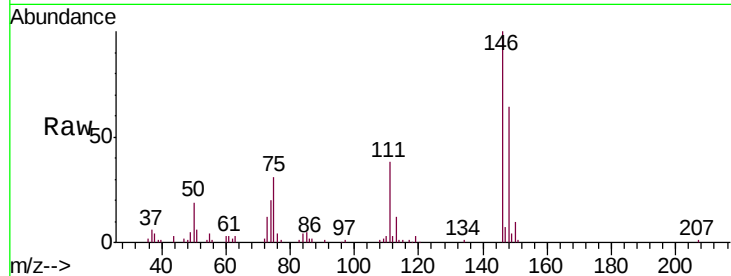




#83
 1,4-Dichlorobenzene
 Concen: 1.854 ug/l
 RT: 11.49 min Scan# 3235
 Delta R.T. 0.00 min
 Lab File: VU033205.D
 Acq: 11 Jul 2019 23:14

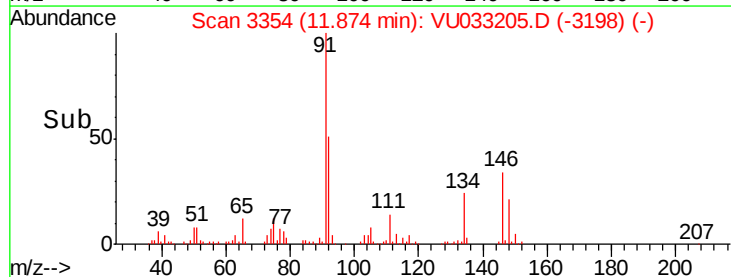
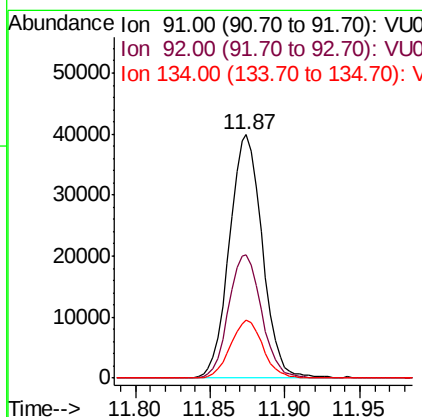
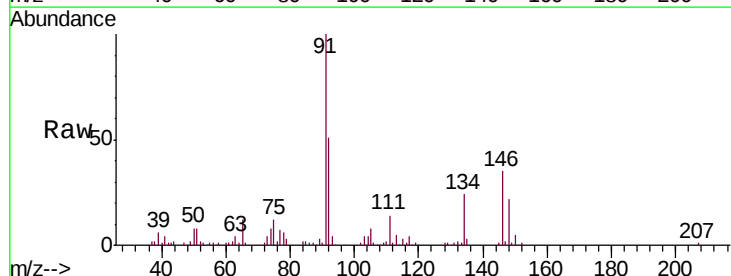
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0711WBS01

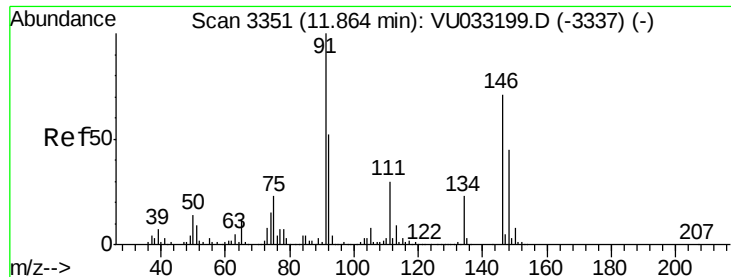
Tgt Ion: 146 Resp: 38256
 Ion Ratio Lower Upper
 146 100
 111 38.4 30.8 46.2
 148 64.0 50.6 76.0



#84
 n-Butylbenzene
 Concen: 1.726 ug/l
 RT: 11.87 min Scan# 3354
 Delta R.T. 0.00 min
 Lab File: VU033205.D
 Acq: 11 Jul 2019 23:14

Tgt Ion: 91 Resp: 61269
 Ion Ratio Lower Upper
 91 100
 92 50.5 41.5 62.3
 134 23.5 19.6 29.4





#85

1,2-Dichlorobenzene

Concen: 1.831 ug/l

RT: 11.86 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VU033205.D

Acq: 11 Jul 2019 23:14

Instrument :

MSVOA_U

ClientSampleId :

VU0711WBS01

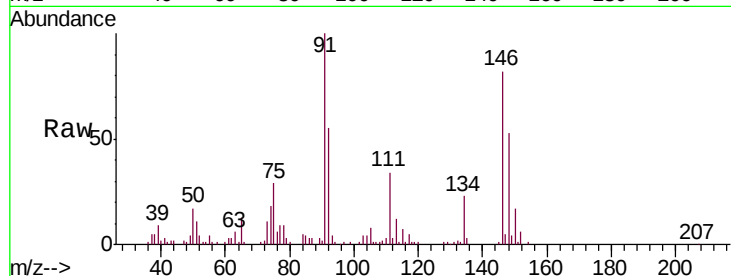
Tgt Ion:146 Resp: 35894

Ion Ratio Lower Upper

146 100

111 42.4 21.3 63.7

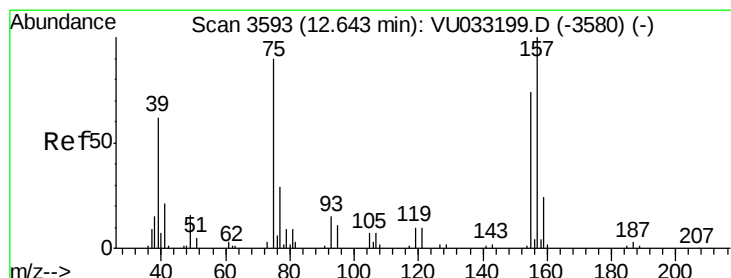
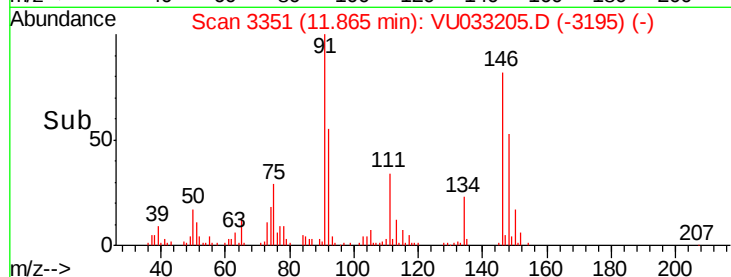
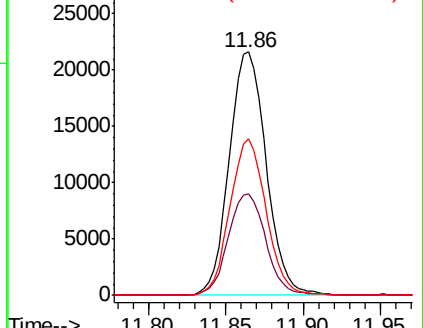
148 62.9 32.0 96.0



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#86

1,2-Dibromo-3-Chloropropane

Concen: 1.868 ug/l

RT: 12.64 min Scan# 3592

Delta R.T. -0.00 min

Lab File: VU033205.D

Acq: 11 Jul 2019 23:14

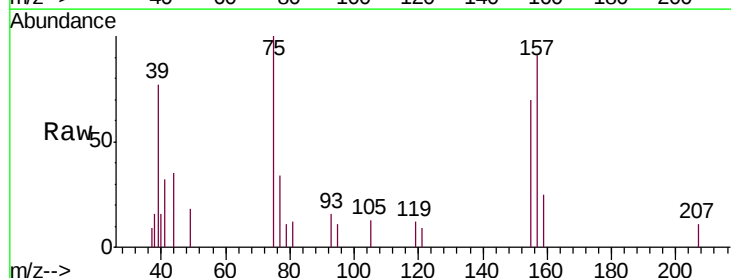
Tgt Ion: 75 Resp: 2893

Ion Ratio Lower Upper

75 100

155 71.8 60.6 90.8

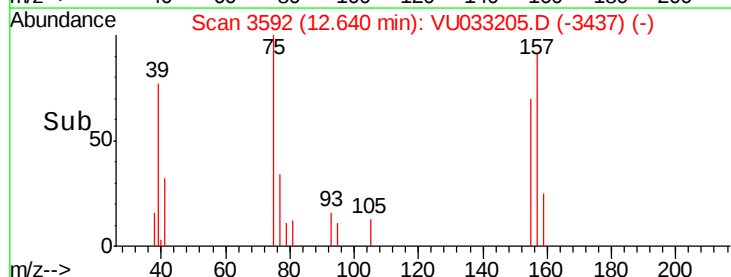
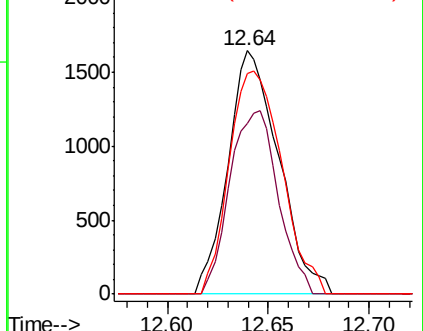
157 95.3 82.5 123.7

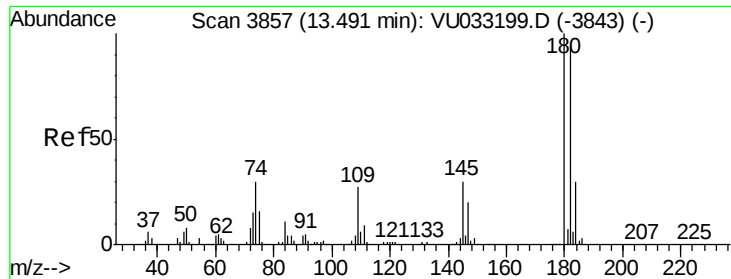


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

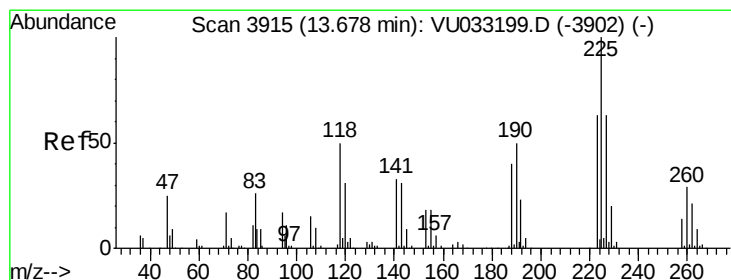
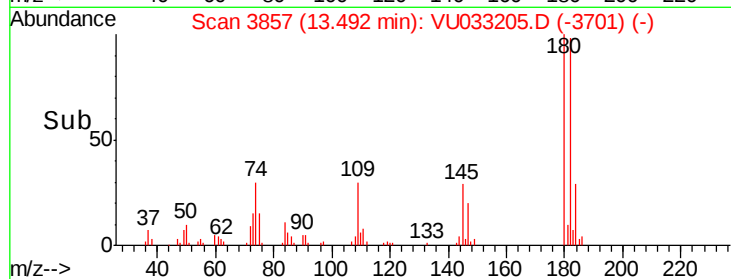
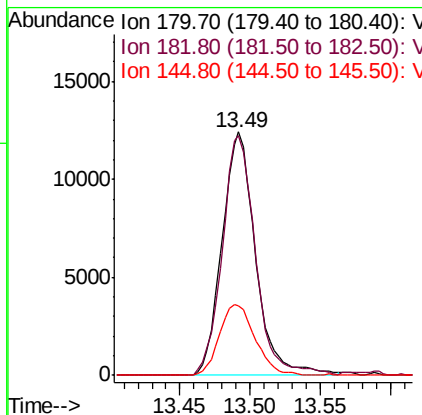
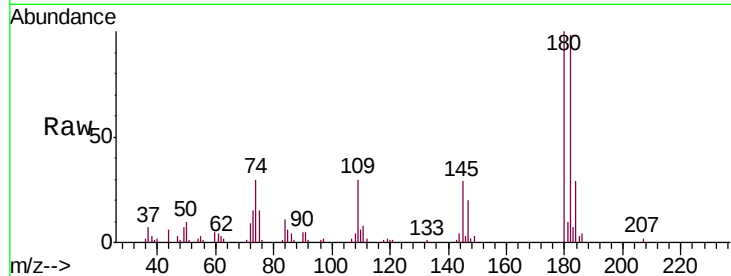




#87
 1,2,4-Trichlorobenzene
 Concen: 1.706 ug/l
 RT: 13.49 min Scan# 3857
 Delta R.T. 0.00 min
 Lab File: VU033205.D
 Acq: 11 Jul 2019 23:14

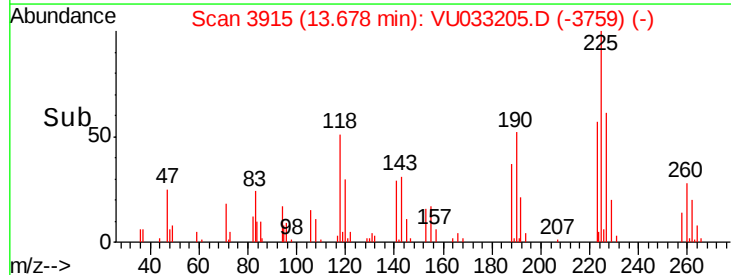
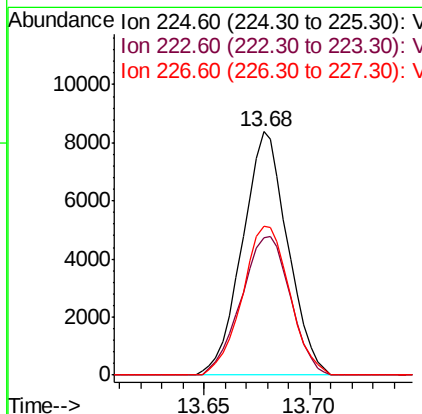
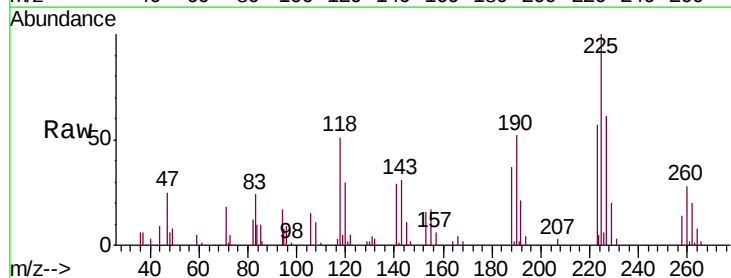
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0711WBS01

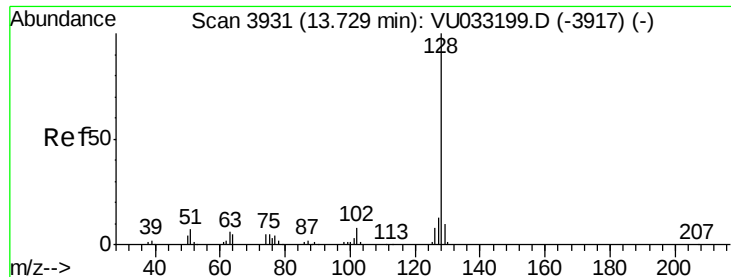
Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	75.4	113.2
145	31.0	24.5	36.7



#88
 Hexachlorobutadiene
 Concen: 1.793 ug/l
 RT: 13.68 min Scan# 3915
 Delta R.T. 0.00 min
 Lab File: VU033205.D
 Acq: 11 Jul 2019 23:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	51.1	76.7
227	63.7	51.2	76.8





#89

Naphthalene

Concen: 1.781 ug/l

RT: 13.73 min Scan# 3932

Delta R.T. 0.00 min

Lab File: VU033205.D

Acq: 11 Jul 2019 23:14

Instrument :

MSVOA_U

ClientSampleId :

VU0711WBS01

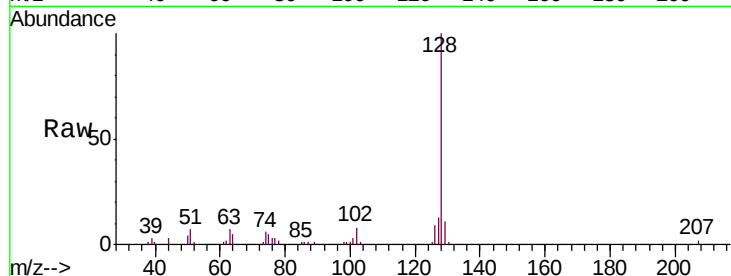
Tgt Ion:128 Resp: 35818

Ion Ratio Lower Upper

128 100

127 12.6 10.4 15.6

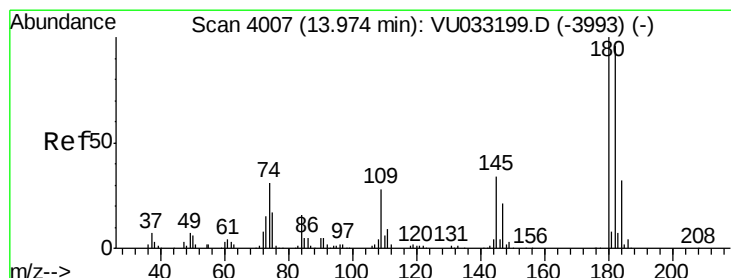
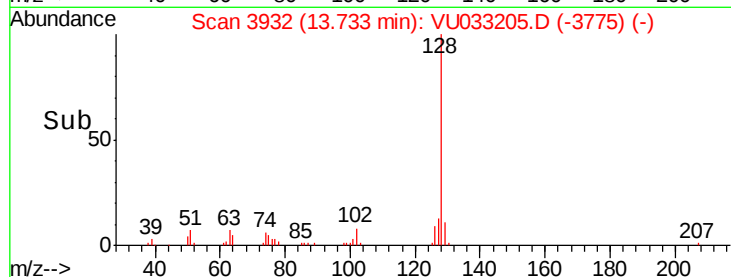
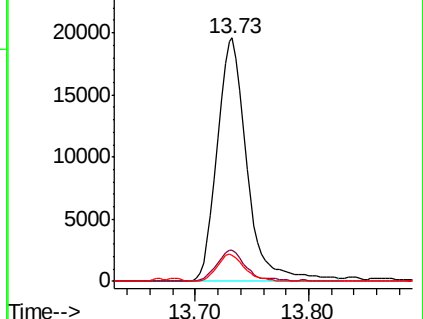
129 10.1 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#90

1,2,3-Trichlorobenzene

Concen: 1.773 ug/l

RT: 13.97 min Scan# 4007

Delta R.T. 0.00 min

Lab File: VU033205.D

Acq: 11 Jul 2019 23:14

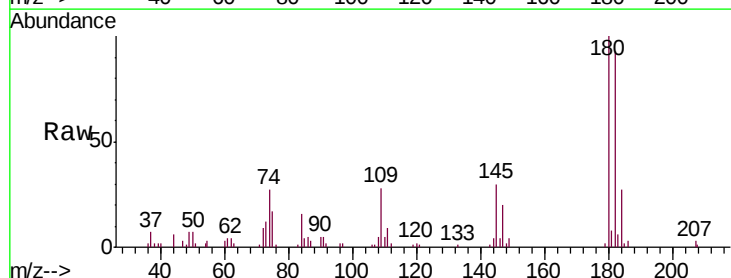
Tgt Ion:180 Resp: 20442

Ion Ratio Lower Upper

180 100

182 95.1 76.2 114.4

145 30.6 26.6 40.0



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

