

Data File : VU033201.D
Acq On : 11 Jul 2019 20:03
Operator : JC/SP
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU071119

Quant Time: Jul 12 05:31:19 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	34618	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.29	95	14053	1.07	ug/l	0.00
Spiked Amount 1.000			Recovery	=	107.00%	
68) 1,2-Dichlorobenzene-d4	11.84	152	14747	1.04	ug/l	0.00
Spiked Amount 1.000			Recovery	=	104.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	88037	6.508	ug/l 98
3) Chloromethane	1.32	50	125480	7.942	ug/l 99
4) Vinyl Chloride	1.40	62	141601	8.694	ug/l 99
5) Bromomethane	1.62	94	91002	8.955	ug/l 99
6) Chloroethane	1.69	64	91756	9.185	ug/l 97
7) Trichlorofluoromethane	1.88	101	203133	9.217	ug/l 99
8) 1,1,2-Trichloro-1,2,2-trif	2.27	101	118463	10.474	ug/l 100
9) 1,1-Dichloroethene	2.27	96	119687	10.480	ug/l 98
10) Iodomethane	2.40	142	145570	12.077	ug/l 100
11) Allyl Chloride	2.58	41	184316	9.659	ug/l 100
12) Acrylonitrile	2.92	53	160190	50.645	ug/l 99
13) Acetone	2.31	43	127873	45.094	ug/l 97
14) Carbon Disulfide	2.46	76	399106	9.574	ug/l 99
15) Methylene Chloride	2.68	84	140518	9.205	ug/l 98
16) trans-1,2-Dichloroethene	2.96	96	135671	10.373	ug/l 97
17) 1,1-Dichloroethane	3.42	63	195324	10.287	ug/l 99
18) 2-Butanone	4.25	43	148354	52.367	ug/l 98
19) Cyclohexane	4.97	56	145798	10.045	ug/l 84
20) Methylcyclohexane	6.39	83	181302	11.916	ug/l 99
21) 2,2-Dichloropropane	4.20	77	155028	9.717	ug/l 98
22) cis-1,2-Dichloroethene	4.20	96	117610	10.827	ug/l 98
23) Diethyl Ether	2.09	59	94238	9.466	ug/l 99
24) tert-Butyl Alcohol	2.82	59	62154	51.216	ug/l 100
25) Methyl tert-Butyl Ether	2.98	73	341832	10.268	ug/l 100
26) Bromochloromethane	4.52	128	47455	9.862	ug/l 96
27) Chloroform	4.65	83	204554	9.756	ug/l 98
28) 1,1,1-Trichloroethane	4.89	97	177099	10.669	ug/l 99
29) 1,1-Dichloropropene	5.11	75	153335	10.953	ug/l 98
30) Carbon Tetrachloride	5.11	117	154378	10.532	ug/l 99
31) Isopropyl Ether	3.56	45	301522	11.828	ug/l # 1
33) Tert-Amyl methyl ether	5.37	73	7695	0.336	ug/l # 1
34) Propionitrile	4.31	54	89456	111.449	ug/l 98
35) Benzene	5.36	78	441306	10.813	ug/l 99
36) 1,2-Dichloroethane	5.38	62	138266	10.466	ug/l 99
37) Trichloroethene	6.16	130	116551	10.925	ug/l 97
38) 1,2-Dichloropropane	6.41	63	119316	10.808	ug/l 99
39) Methacrylonitrile	4.52	41	34610	10.400	ug/l 97
40) Methyl acrylate	4.40	55	58365	11.844	ug/l # 92
41) Tetrahydrofuran	4.63	42	97232	55.696	ug/l 98
42) 1-Chlorobutane	5.04	56	207251	10.901	ug/l 98
43) Dibromomethane	6.54	93	62528	10.593	ug/l 99

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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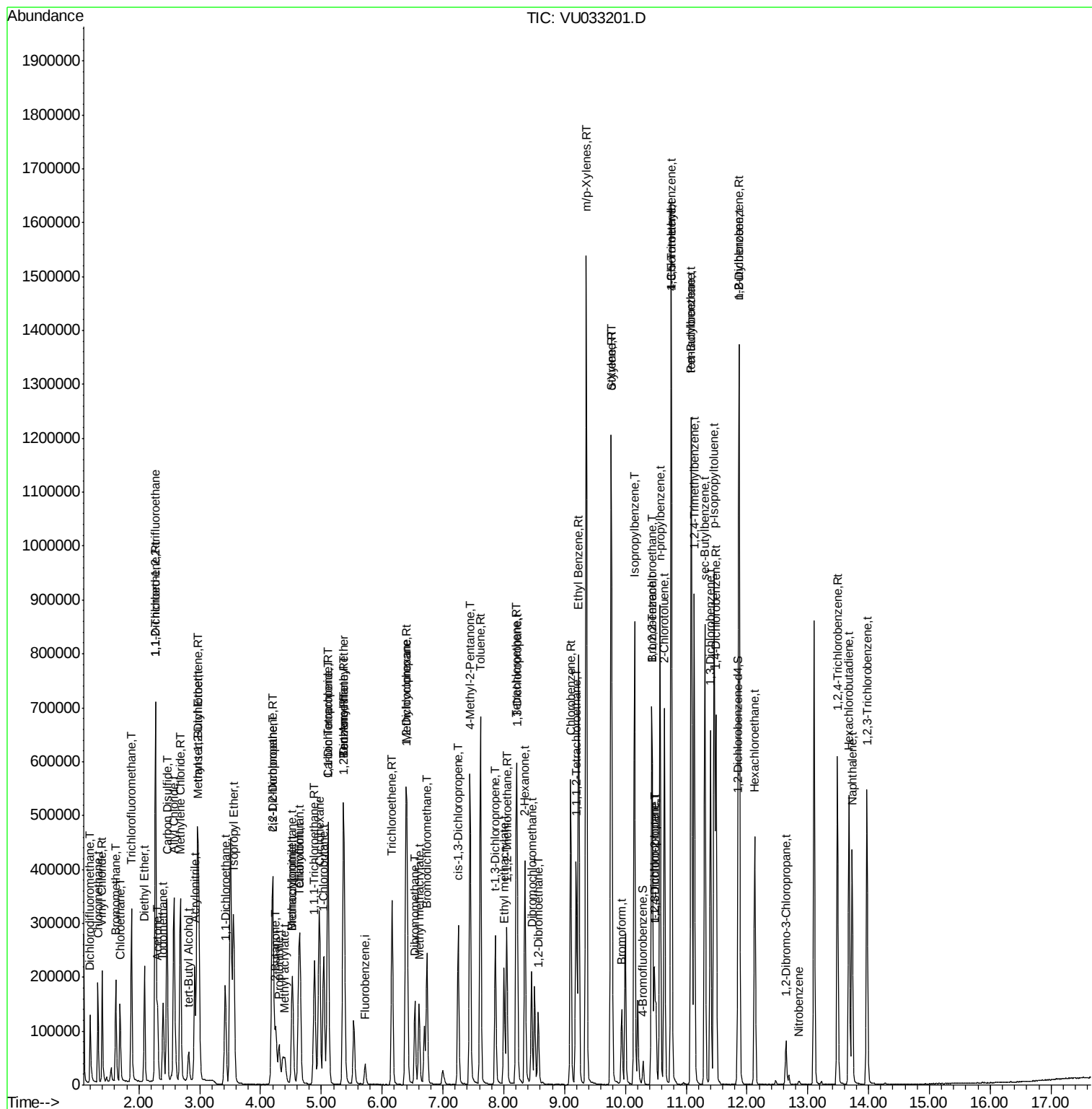
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Bromodichloromethane	6.74	83	154148	10.596	ug/l	96
45) 4-Methyl-2-Pentanone	7.45	43	370128	55.678	ug/l	100
46) t-1,4-Dichloro-2-butene	10.48	75	120579	42.602	ug/l #	42
47) Methyl methacrylate	6.61	69	55871	11.699	ug/l	98
48) Ethyl methacrylate	8.00	69	112316	12.514	ug/l	97
49) Toluene	7.62	92	281230	11.681	ug/l	99
50) t-1,3-Dichloropropene	7.86	75	151822	11.764	ug/l	99
51) cis-1,3-Dichloropropene	7.25	75	171893	11.529	ug/l	99
52) 1,1,2-Trichloroethane	8.05	97	89137	10.877	ug/l	98
53) 1,3-Dichloropropane	8.22	76	151864	10.934	ug/l	99
54) 2-Hexanone	8.35	43	260259	56.017	ug/l	98
55) Dibromochloromethane	8.46	129	106637	11.244	ug/l	97
56) 1,2-Dibromoethane	8.57	107	86350	11.390	ug/l	99
58) Tetrachloroethene	8.21	164	106745	10.950	ug/l	97
59) Chlorobenzene	9.10	112	302929	11.197	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.19	131	109826	11.016	ug/l	98
61) Pentachloroethane	11.09	117	86727	11.067	ug/l	96
62) Hexachloroethane	12.13	117	87155	11.453	ug/l	97
63) Ethyl Benzene	9.23	91	546289	12.349	ug/l	100
64) m/p-Xylenes	9.36	106	427563	24.734	ug/l	99
65) o-Xylene	9.76	106	200151	11.911	ug/l	97
66) Styrene	9.77	104	353691	12.469	ug/l	100
67) Bromoform	9.94	173	62341	11.561	ug/l	97
69) Isopropylbenzene	10.15	105	546308	12.505	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.44	83	117555	10.537	ug/l	99
71) 1,2,3-Trichloropropane	10.48	75	120579	14.423	ug/l #	80
72) Bromobenzene	10.44	156	131717	11.624	ug/l	98
73) n-propylbenzene	10.57	120	151105	12.211	ug/l	100
74) 2-Chlorotoluene	10.64	126	129751	11.618	ug/l	100
75) 1,3,5-Trimethylbenzene	10.76	105	487759	12.898	ug/l	98
76) 4-Chlorotoluene	10.76	126	136190	11.944	ug/l	95
77) tert-Butylbenzene	11.08	119	443948	12.193	ug/l	99
78) 1,2,4-Trimethylbenzene	11.13	105	491612	12.722	ug/l	100
79) sec-Butylbenzene	11.31	105	563741	11.281	ug/l	100
80) Nitrobenzene	12.85	77	4132	12.054	ug/l #	80
81) p-Isopropyltoluene	11.46	119	518470	12.758	ug/l	99
82) 1,3-Dichlorobenzene	11.40	146	264136	11.296	ug/l	99
83) 1,4-Dichlorobenzene	11.49	146	271075	11.514	ug/l	99
84) n-Butylbenzene	11.87	91	504965	12.468	ug/l	99
85) 1,2-Dichlorobenzene	11.86	146	249174	11.140	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.64	75	21114	11.949	ug/l	96
87) 1,2,4-Trichlorobenzene	13.49	180	180249	13.089	ug/l	100
88) Hexachlorobutadiene	13.68	225	95503	12.005	ug/l	98
89) Naphthalene	13.73	128	350797	11.229	ug/l	100
90) 1,2,3-Trichlorobenzene	13.97	180	169426	12.880	ug/l	99

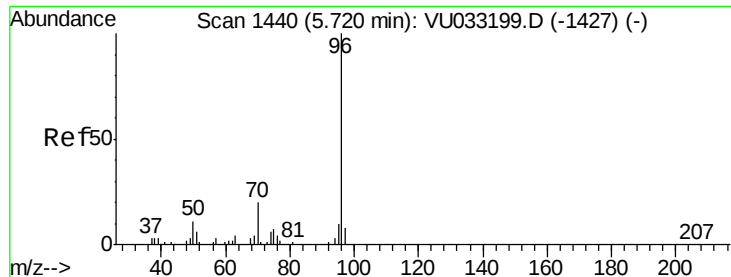
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU033201.D

Acq: 11 Jul 2019 20:03

Instrument :

MSVOA_U

ClientSampleId :

ICVVU071119

Tgt Ion: 96 Resp: 34618

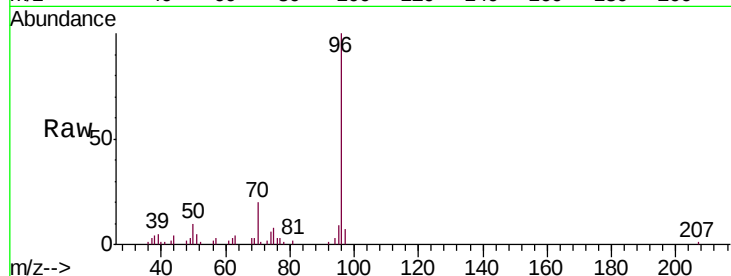
Ion Ratio Lower Upper

96 100

70 19.6 16.2 24.4

95 9.6 7.8 11.8

97 0.0 0.0 0.0

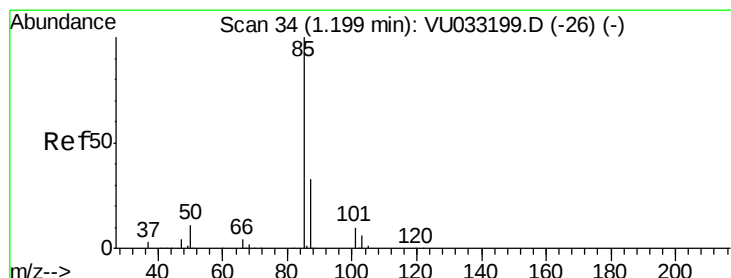
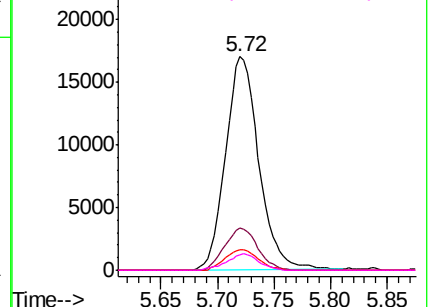
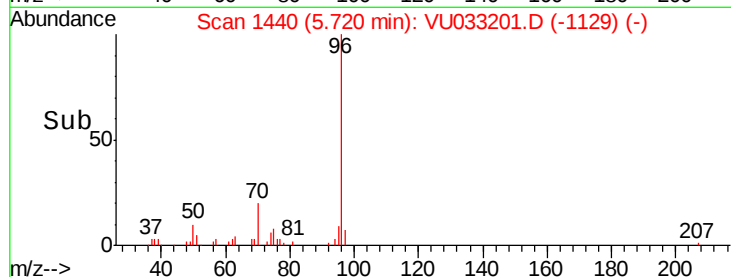


Abundance Ion 96.00 (95.70 to 96.70): VU033201.D (-1129) (-)

Ion 70.00 (69.70 to 70.70): VU033201.D (-1129) (-)

Ion 95.00 (94.70 to 95.70): VU033201.D (-1129) (-)

Ion 97.00 (96.70 to 97.70): VU033201.D (-1129) (-)



#2

Dichlorodifluoromethane

Concen: 6.508 ug/l

RT: 1.20 min Scan# 34

Delta R.T. -0.00 min

Lab File: VU033201.D

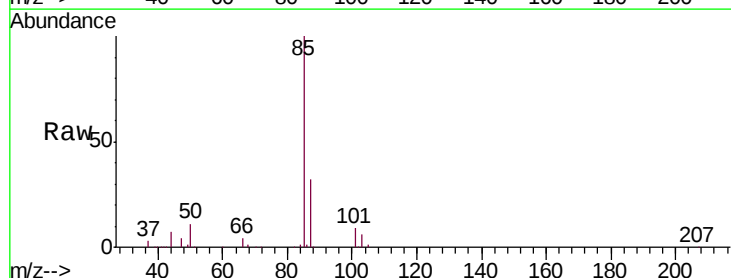
Acq: 11 Jul 2019 20:03

Tgt Ion: 85 Resp: 88037

Ion Ratio Lower Upper

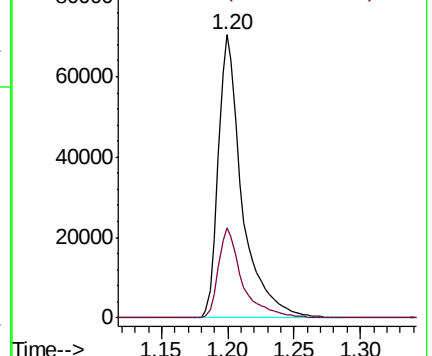
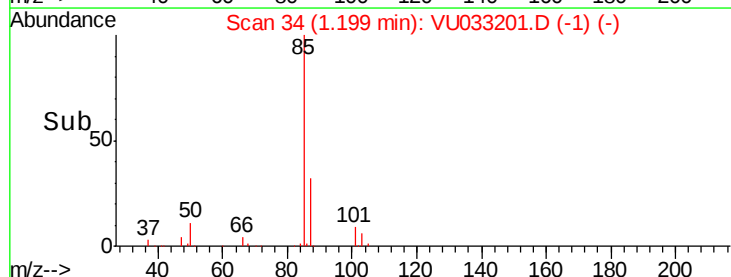
85 100

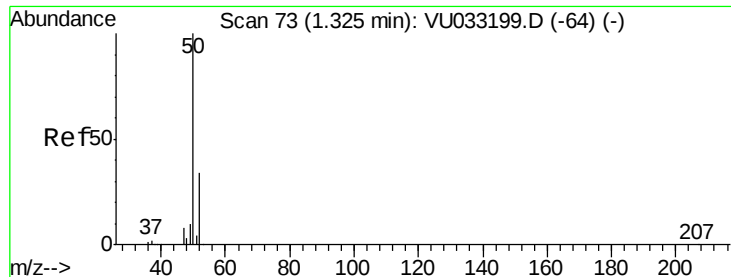
87 31.7 16.4 49.1



Abundance Ion 85.00 (84.70 to 85.70): VU033201.D (-1) (-)

Ion 87.00 (86.70 to 87.70): VU033201.D (-1) (-)





#3

Chloromethane

Concen: 7.942 ug/l

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU033201.D

Acq: 11 Jul 2019 20:03

Instrument :

MSVOA_U

ClientSampleId :

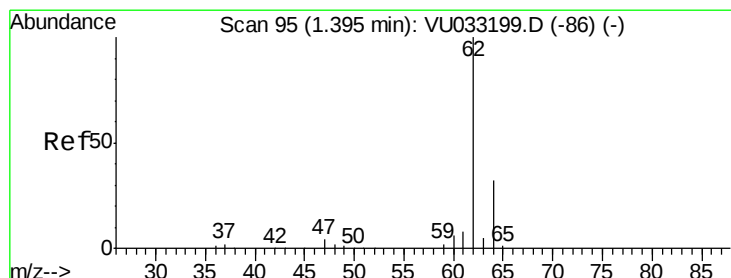
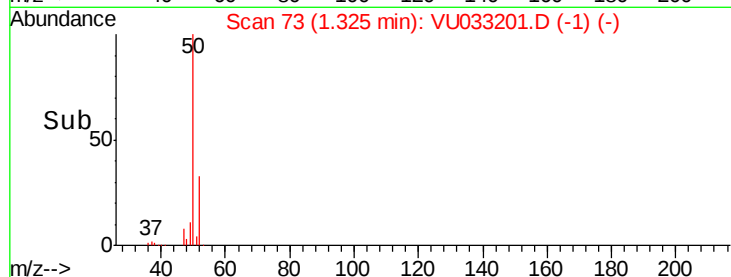
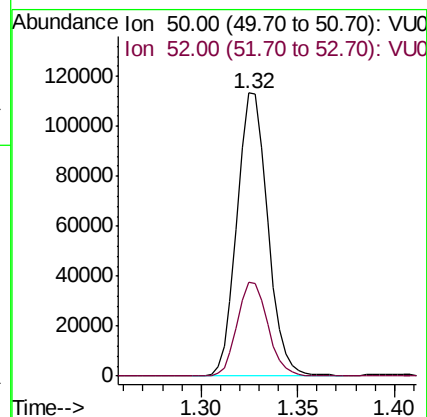
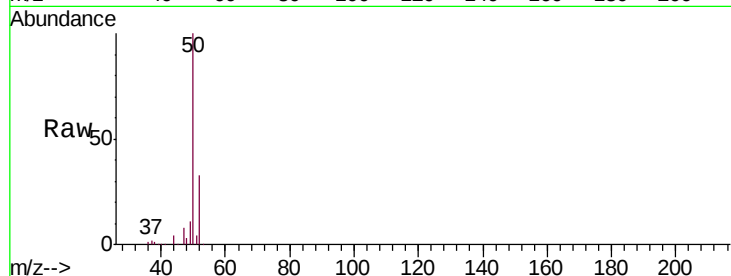
ICVVU071119

Tgt Ion: 50 Resp: 125480

Ion Ratio Lower Upper

50 100

52 33.0 27.0 40.4



#4

Vinyl Chloride

Concen: 8.694 ug/l

RT: 1.40 min Scan# 95

Delta R.T. -0.00 min

Lab File: VU033201.D

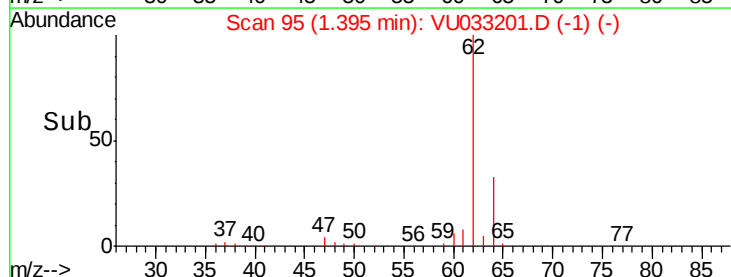
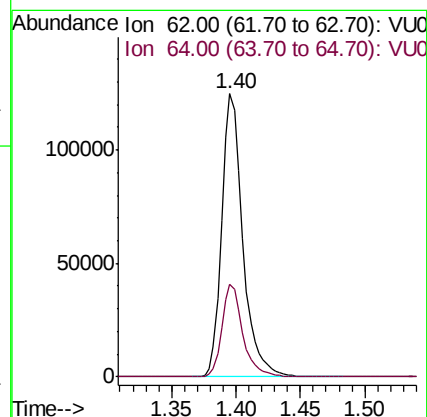
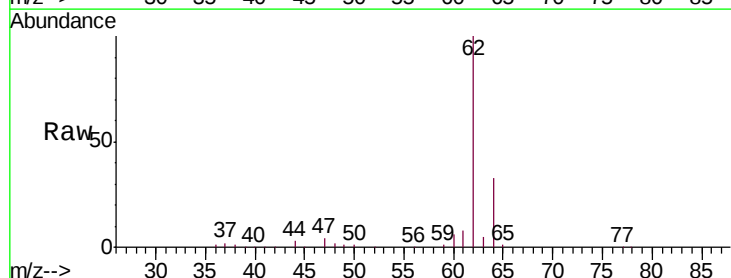
Acq: 11 Jul 2019 20:03

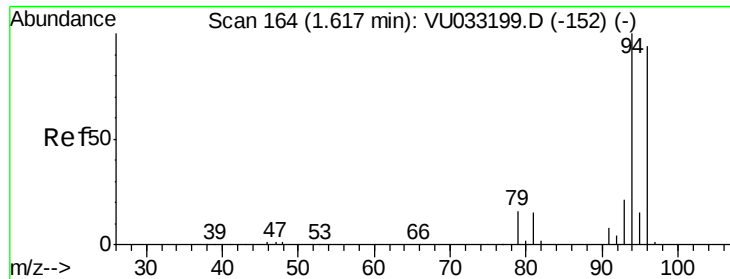
Tgt Ion: 62 Resp: 141601

Ion Ratio Lower Upper

62 100

64 32.7 25.7 38.5





#5

Bromomethane

Concen: 8.955 ug/l

RT: 1.62 min Scan# 165

Delta R.T. 0.00 min

Lab File: VU033201.D

Acq: 11 Jul 2019 20:03

Instrument :

MSVOA_U

ClientSampleId :

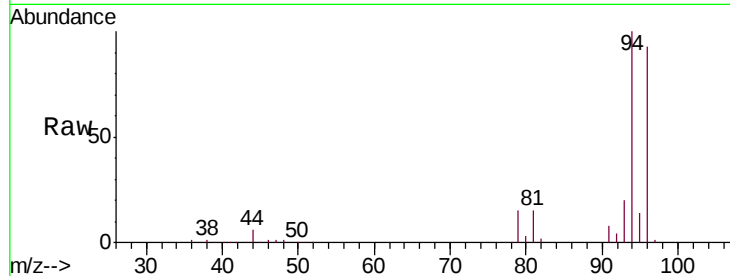
ICVVU071119

Tgt Ion: 94 Resp: 91002

Ion Ratio Lower Upper

94 100

96 92.7 74.8 112.2



Abundance Ion 94.00 (93.70 to 94.70): VU033201.D (-9) (-)

Ion 96.00 (95.70 to 96.70): VU033201.D (-9) (-)

1.62

60000

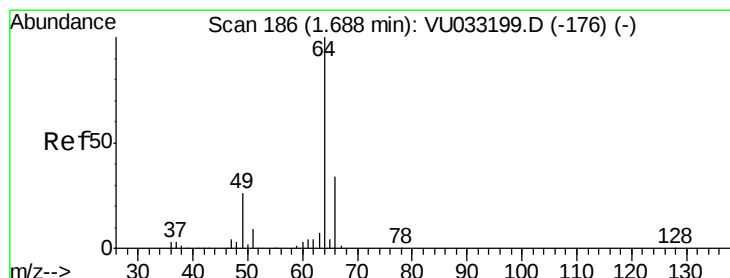
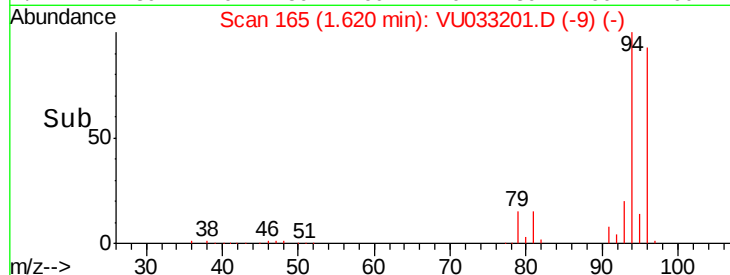
40000

20000

0

1.55 1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 9.185 ug/l

RT: 1.69 min Scan# 187

Delta R.T. 0.00 min

Lab File: VU033201.D

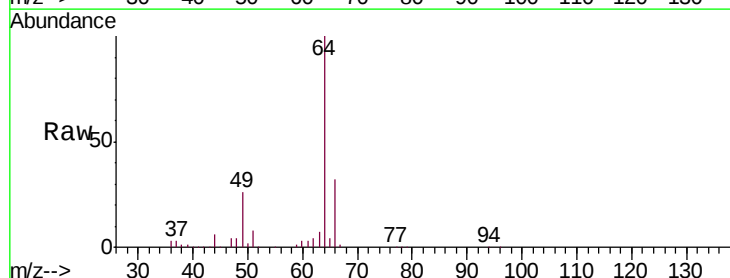
Acq: 11 Jul 2019 20:03

Tgt Ion: 64 Resp: 91756

Ion Ratio Lower Upper

64 100

66 31.8 27.0 40.4



Abundance Ion 64.00 (63.70 to 64.70): VU033201.D (-31) (-)

Ion 66.00 (65.70 to 66.70): VU033201.D (-31) (-)

1.69

80000

60000

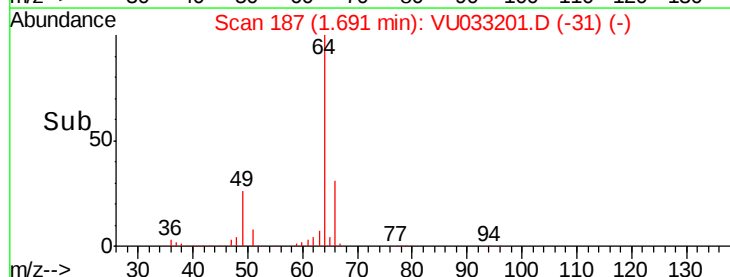
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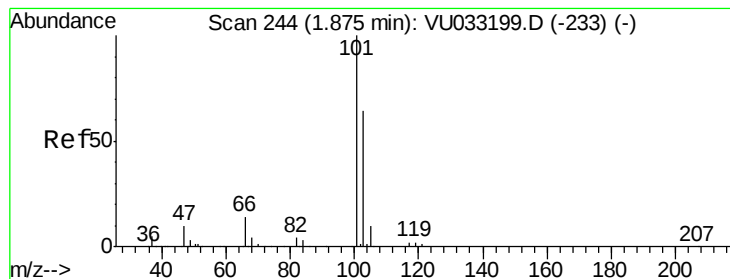
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0

1.60 1.65 1.70 1.75 1.80

Time-->



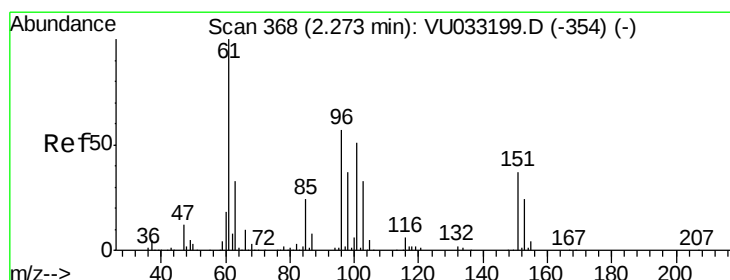
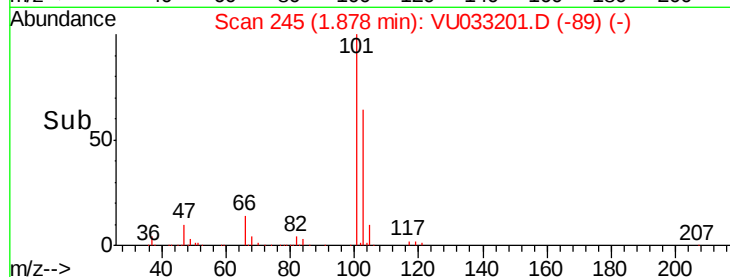
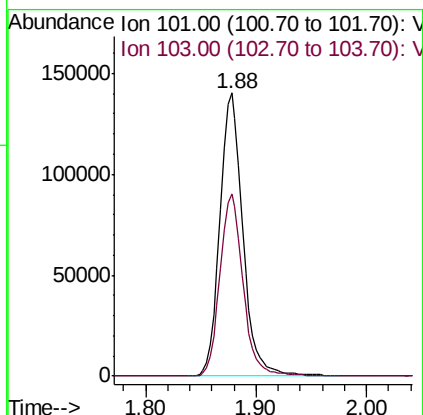
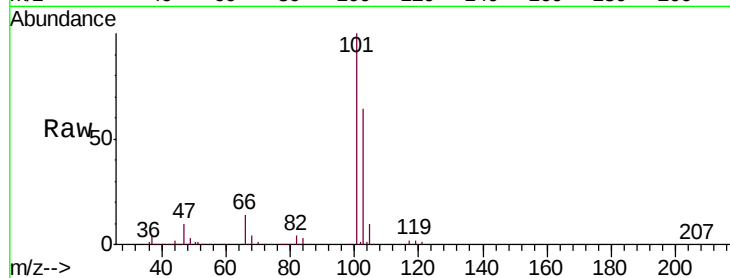


#7

Trichlorofluoromethane
Concen: 9.217 ug/l
RT: 1.88 min Scan# 245
Delta R.T. 0.00 min
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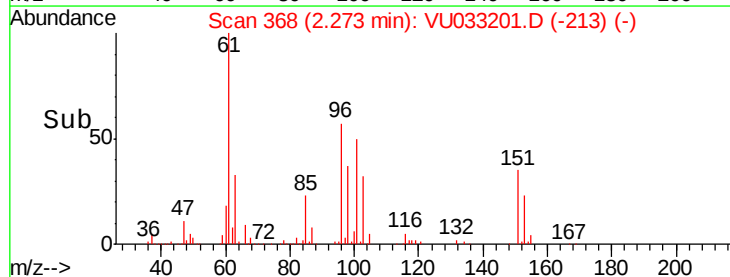
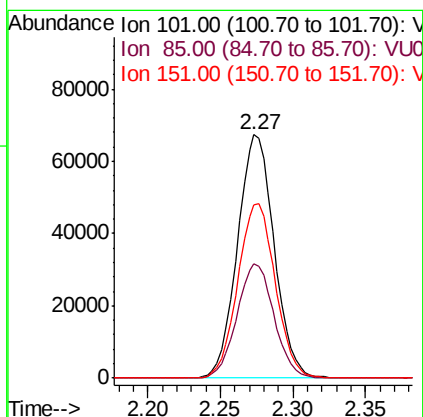
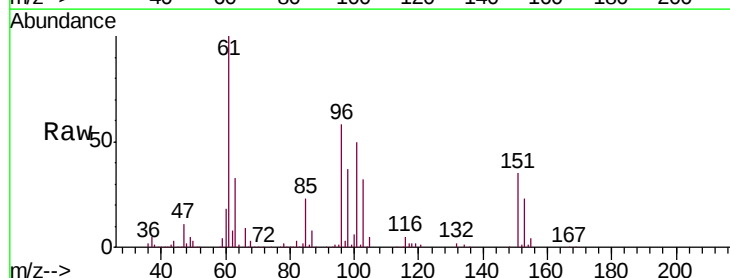
Tgt Ion:101 Resp: 203133
Ion Ratio Lower Upper
101 100
103 64.5 51.0 76.6

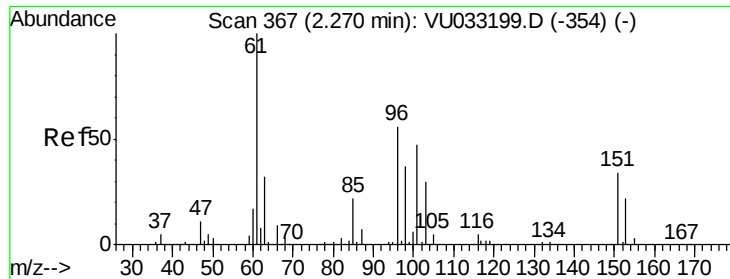


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.474 ug/l
RT: 2.27 min Scan# 368
Delta R.T. -0.00 min
Lab File: VU033201.D
Acq: 11 Jul 2019 20:03

Tgt Ion:101 Resp: 118463
Ion Ratio Lower Upper
101 100
85 47.1 37.7 56.5
151 73.3 58.2 87.2





#9

1,1-Dichloroethene

Concen: 10.480 ug/l

RT: 2.27 min Scan# 367

Delta R.T. -0.00 min

Lab File: VU033201.D

Acq: 11 Jul 2019 20:03

Instrument :

MSVOA_U

ClientSampleId :

ICVVU071119

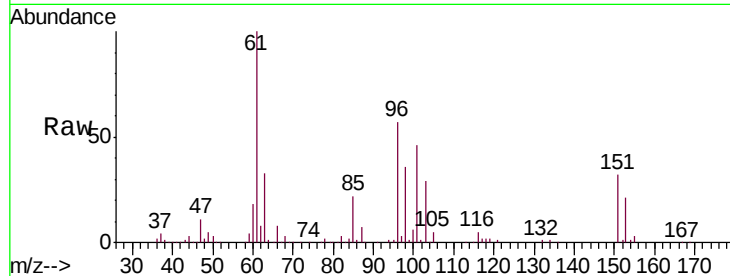
Tgt Ion: 96 Resp: 119687

Ion Ratio Lower Upper

96 100

61 174.6 0.0 533.7

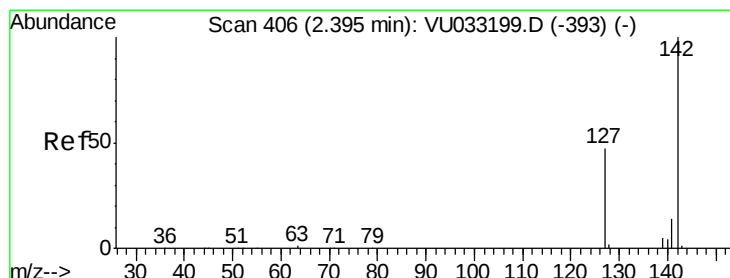
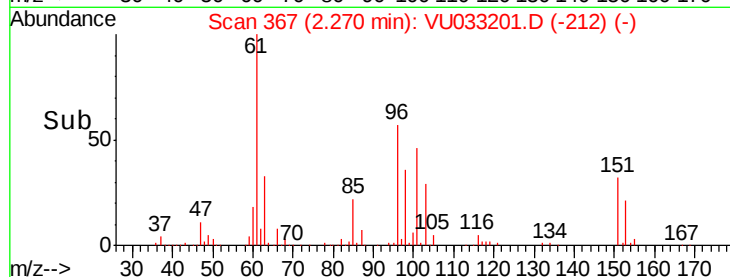
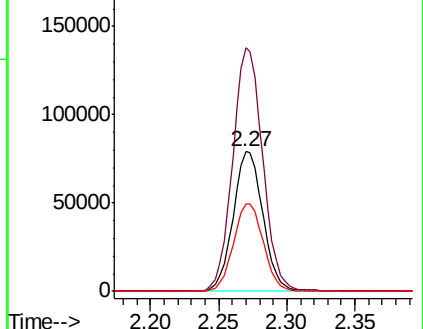
98 62.9 0.0 129.8



Abundance Ion 96.00 (95.70 to 96.70): VU033201.D (-212) (-)

Ion 61.00 (60.70 to 61.70): VU033201.D (-212) (-)

Ion 98.00 (97.70 to 98.70): VU033201.D (-212) (-)



#10

Iodomethane

Concen: 12.077 ug/l

RT: 2.40 min Scan# 407

Delta R.T. 0.00 min

Lab File: VU033201.D

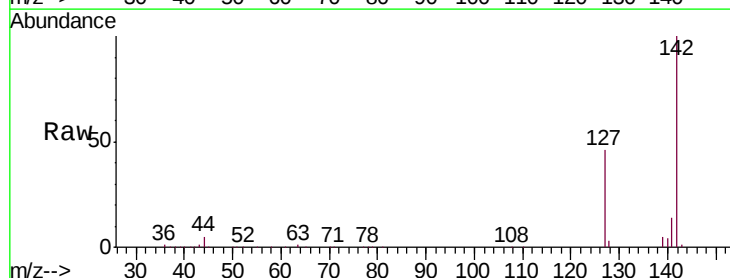
Acq: 11 Jul 2019 20:03

Tgt Ion: 142 Resp: 145570

Ion Ratio Lower Upper

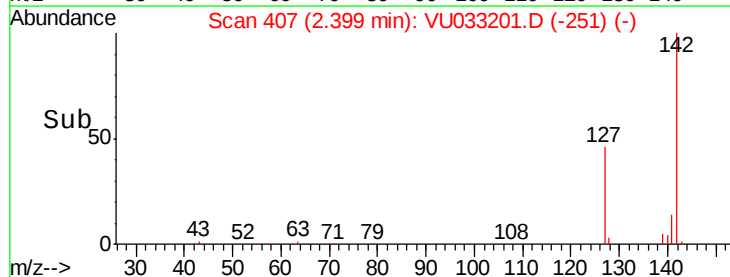
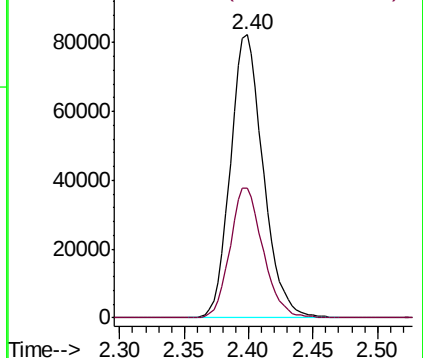
142 100

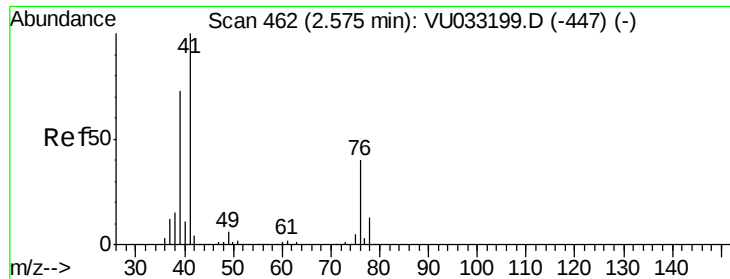
127 46.3 37.0 55.4



Abundance Ion 142.00 (141.70 to 142.70): VU033201.D (-251) (-)

Ion 127.00 (126.70 to 127.70): VU033201.D (-251) (-)

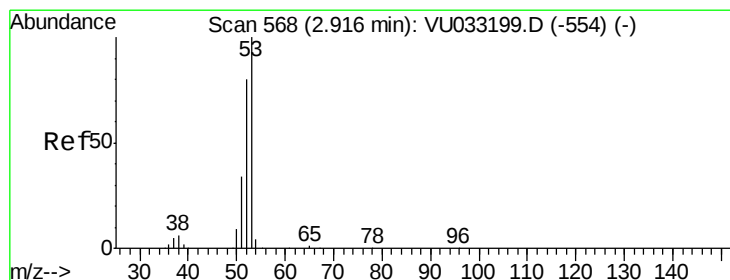
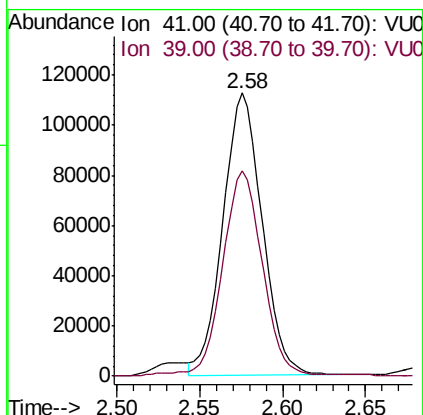
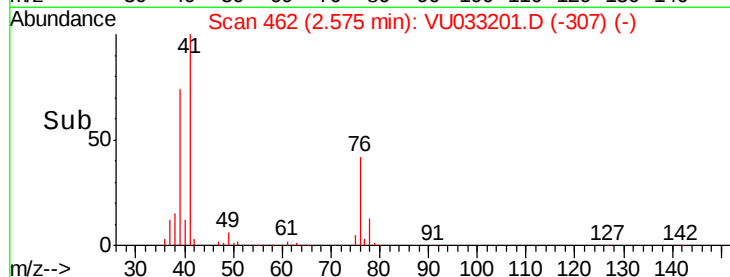
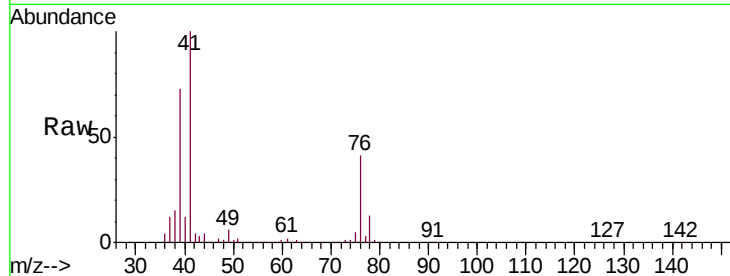




#11
 Allyl Chloride
 Concen: 9.659 ug/l
 RT: 2.58 min Scan# 462
 Delta R.T. -0.00 min
 Lab File: VU033201.D
 Acq: 11 Jul 2019 20:03

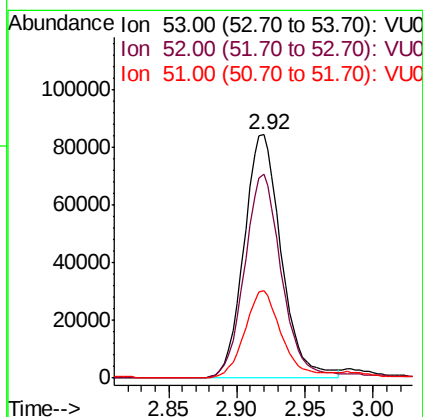
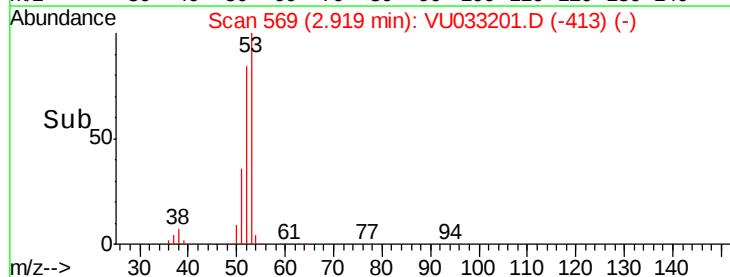
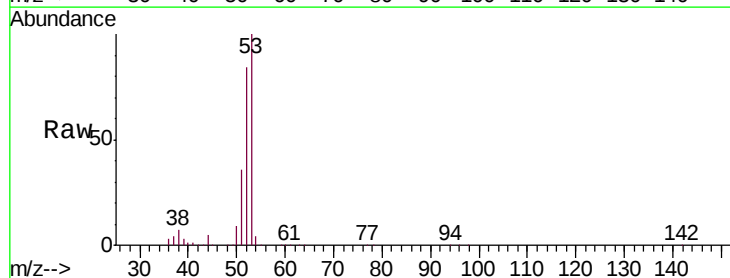
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU071119

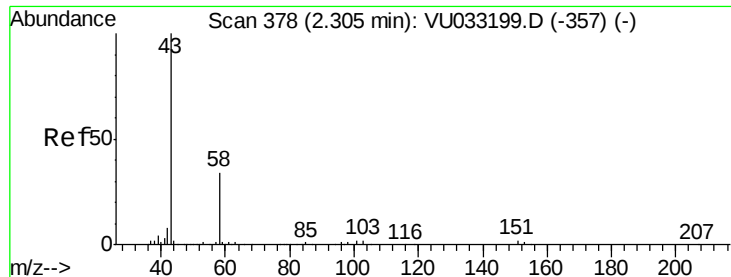
Tgt Ion: 41 Resp: 184316
 Ion Ratio Lower Upper
 41 100
 39 73.6 58.7 88.1



#12
 Acrylonitrile
 Concen: 50.645 ug/l
 RT: 2.92 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: VU033201.D
 Acq: 11 Jul 2019 20:03

Tgt Ion: 53 Resp: 160190
 Ion Ratio Lower Upper
 53 100
 52 84.6 68.3 102.5
 51 35.0 28.7 43.1





#13

Acetone

Concen: 45.094 ug/l

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU033201.D

Acq: 11 Jul 2019 20:03

Instrument :

MSVOA_U

ClientSampleId :

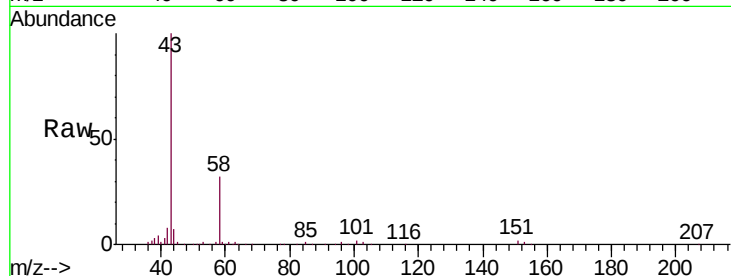
ICVVU071119

Tgt Ion: 43 Resp: 127873

Ion Ratio Lower Upper

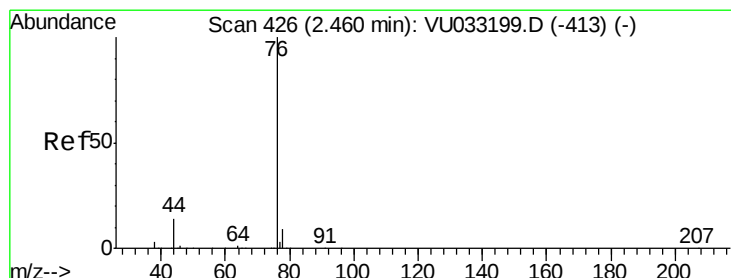
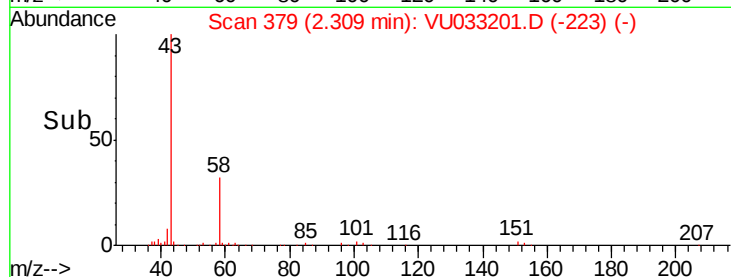
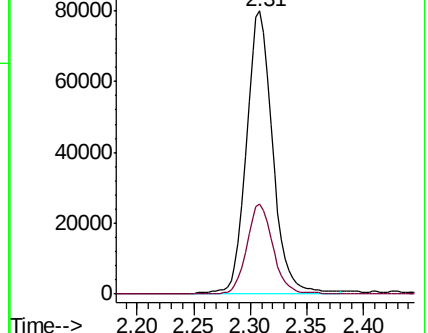
43 100

58 32.1 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VU033199.D (-357) (-)

Ion 58.00 (57.70 to 58.70): VU033199.D (-357) (-)



#14

Carbon Disulfide

Concen: 9.574 ug/l

RT: 2.46 min Scan# 427

Delta R.T. 0.00 min

Lab File: VU033201.D

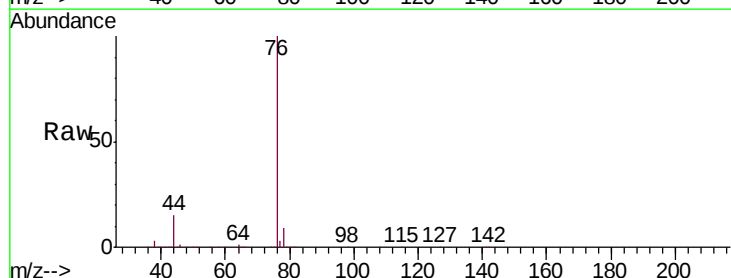
Acq: 11 Jul 2019 20:03

Tgt Ion: 76 Resp: 399106

Ion Ratio Lower Upper

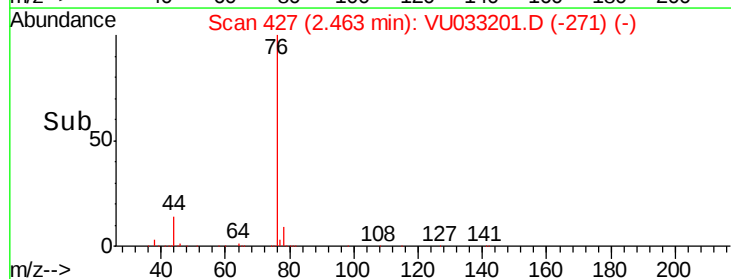
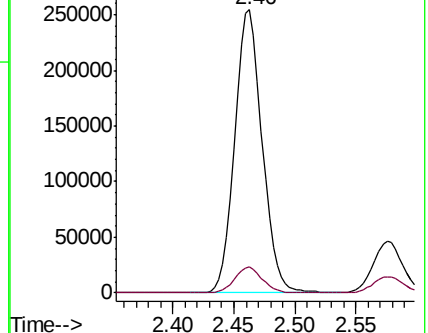
76 100

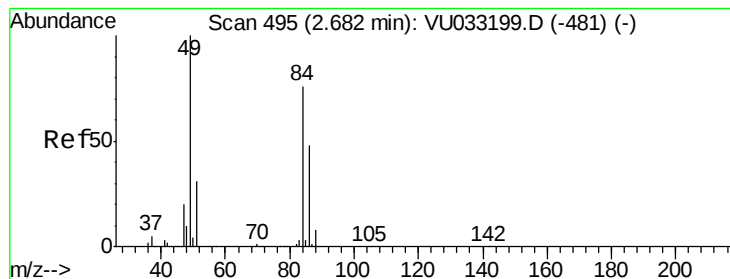
78 9.0 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VU033199.D (-413) (-)

Ion 78.00 (77.70 to 78.70): VU033199.D (-413) (-)





#15

Methylene Chloride

Concen: 9.205 ug/l

RT: 2.68 min Scan# 495

Delta R.T. -0.00 min

Lab File: VU033201.D

Acq: 11 Jul 2019 20:03

Instrument :

MSVOA_U

ClientSampleId :

ICVVU071119

Tgt Ion: 84 Resp: 140518

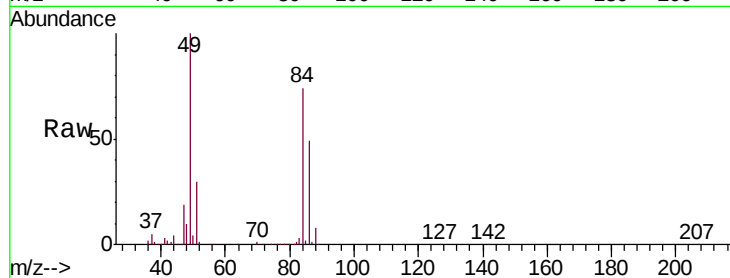
Ion Ratio Lower Upper

84 100

49 134.4 105.8 158.8

51 39.9 0.0 82.0

86 65.7 50.7 76.1

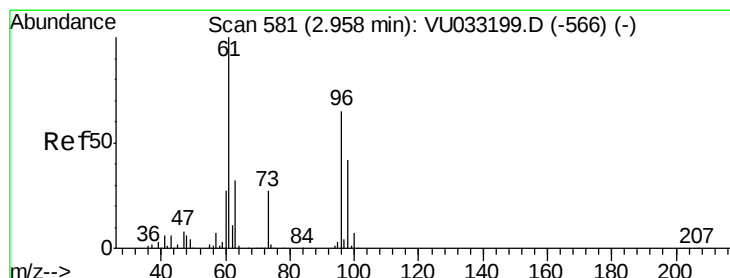
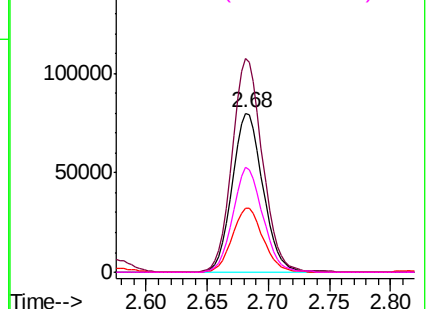
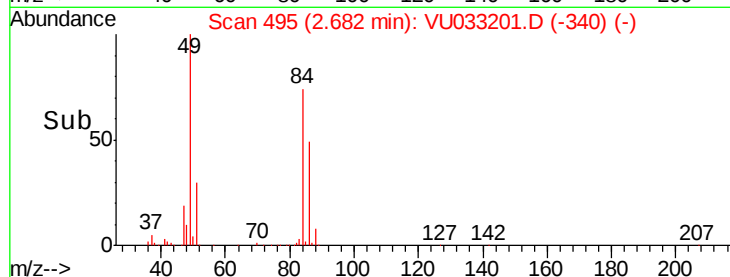


Abundance Ion 84.00 (83.70 to 84.70): VU0

Ion 49.00 (48.70 to 49.70): VU0

Ion 51.00 (50.70 to 51.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#16

trans-1,2-Dichloroethene

Concen: 10.373 ug/l

RT: 2.96 min Scan# 582

Delta R.T. 0.00 min

Lab File: VU033201.D

Acq: 11 Jul 2019 20:03

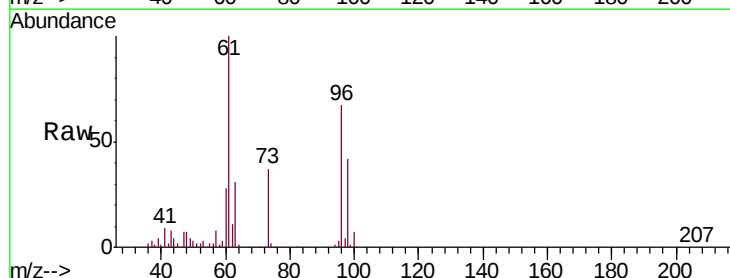
Tgt Ion: 96 Resp: 135671

Ion Ratio Lower Upper

96 100

61 149.0 122.6 184.0

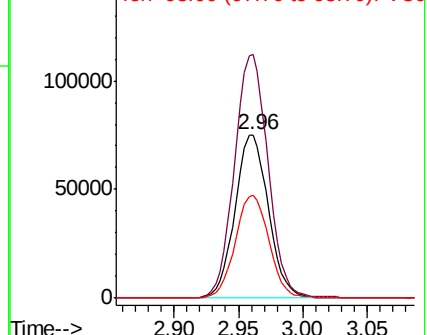
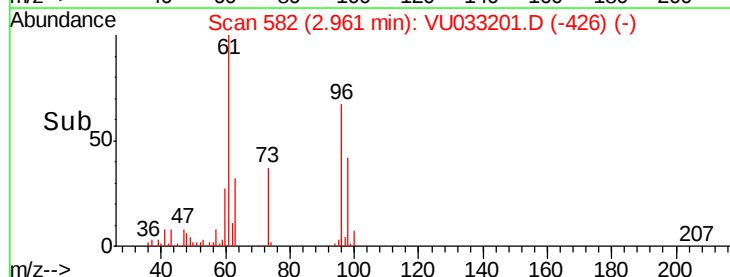
98 62.6 52.0 78.0

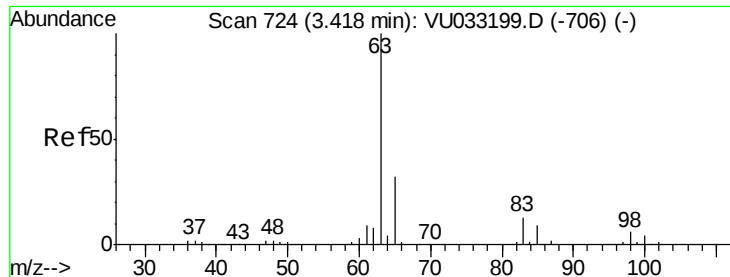


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

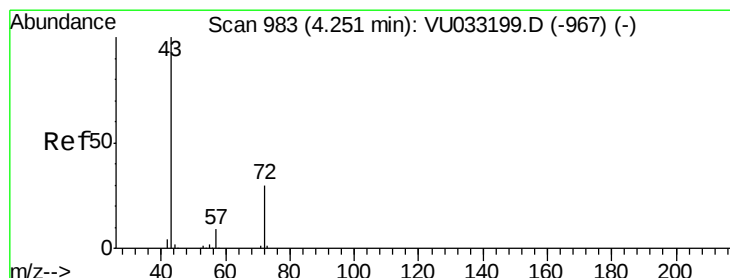
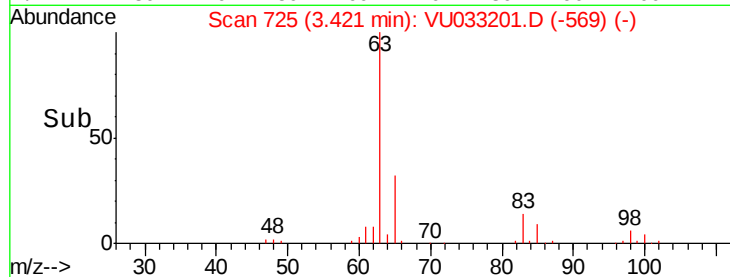
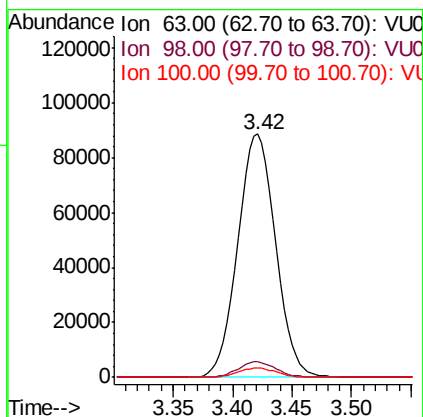
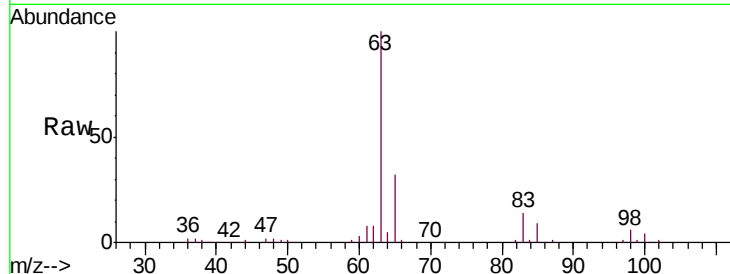




#17
 1,1-Dichloroethane
 Concen: 10.287 ug/l
 RT: 3.42 min Scan# 725
 Delta R.T. 0.00 min
 Lab File: VU033201.D
 Acq: 11 Jul 2019 20:03

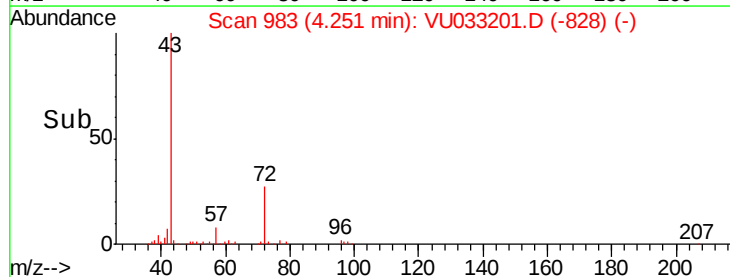
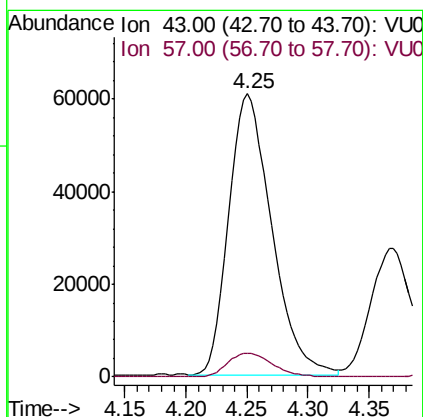
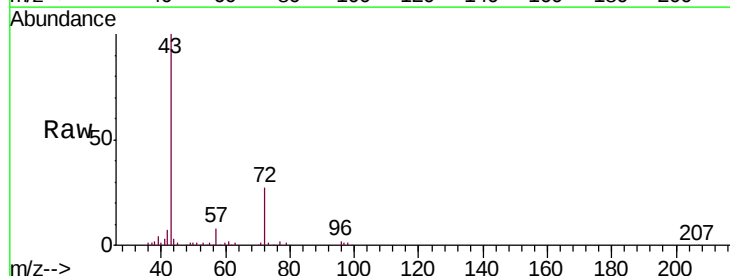
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU071119

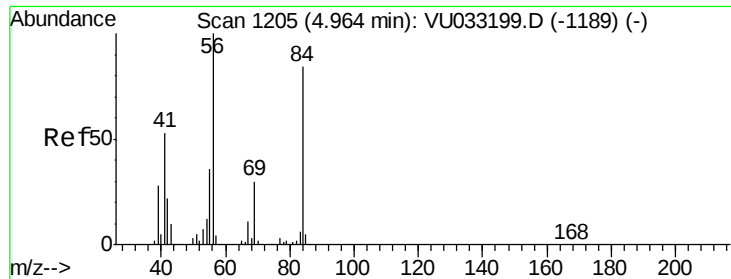
Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.3	3.3	9.8
100	4.0	1.8	5.4



#18
 2-Butanone
 Concen: 52.367 ug/l
 RT: 4.25 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VU033201.D
 Acq: 11 Jul 2019 20:03

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.4	0.0	18.4

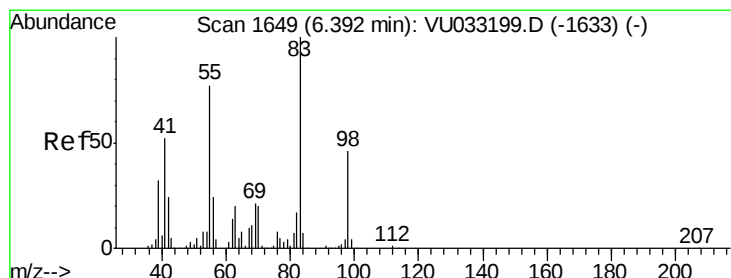
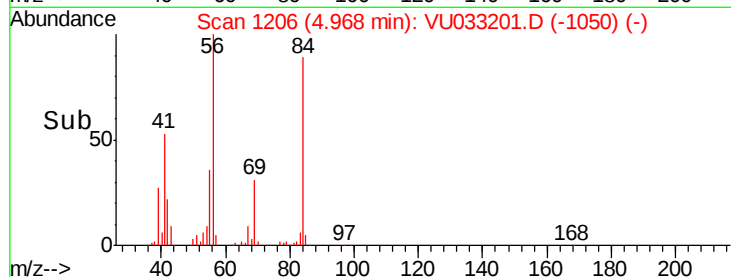
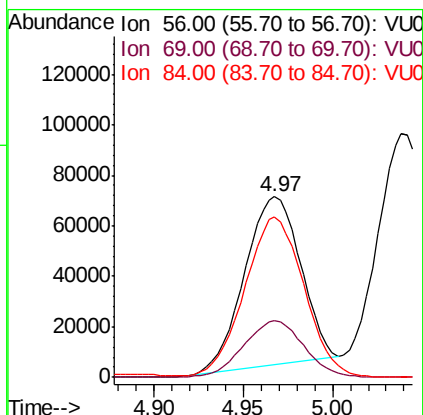
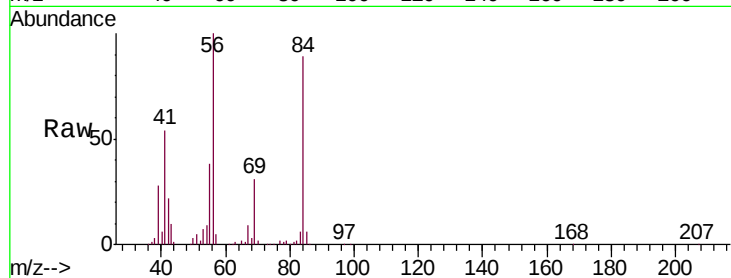




#19
Cyclohexane
Concen: 10.045 ug/l
RT: 4.97 min Scan# 1206
Delta R.T. 0.00 min
Lab File: VU033201.D
Acq: 11 Jul 2019 20:03

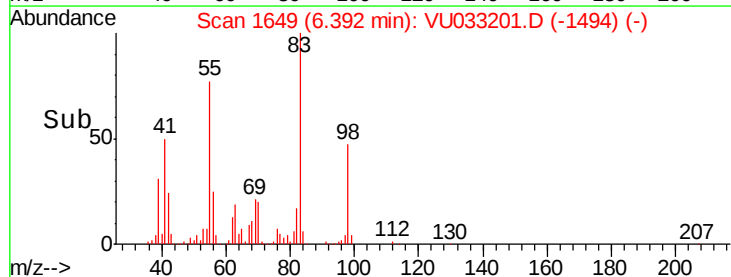
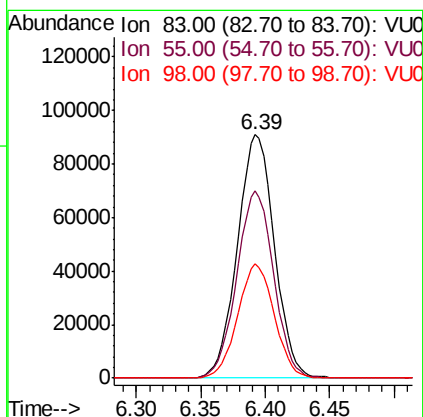
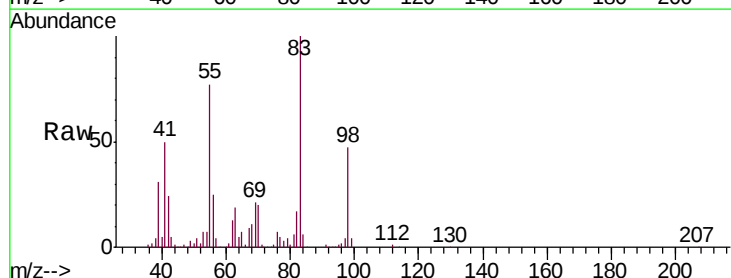
Instrument :
MSVOA_U
ClientSampleId :
ICVVU071119

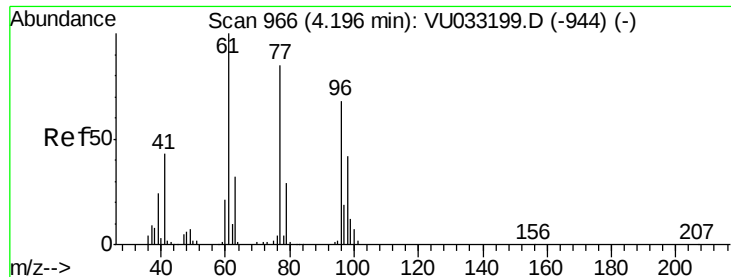
Tgt Ion: 56 Resp: 145798
Ion Ratio Lower Upper
56 100
69 36.3 24.6 37.0
84 100.4 67.5 101.3



#20
Methylcyclohexane
Concen: 11.916 ug/l
RT: 6.39 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VU033201.D
Acq: 11 Jul 2019 20:03

Tgt Ion: 83 Resp: 181302
Ion Ratio Lower Upper
83 100
55 76.5 62.0 93.0
98 46.4 36.3 54.5





#21

2,2-Dichloropropane

Concen: 9.717 ug/l

RT: 4.20 min Scan# 966

Delta R.T. -0.00 min

Lab File: VU033201.D

Acq: 11 Jul 2019 20:03

Instrument :

MSVOA_U

ClientSampleId :

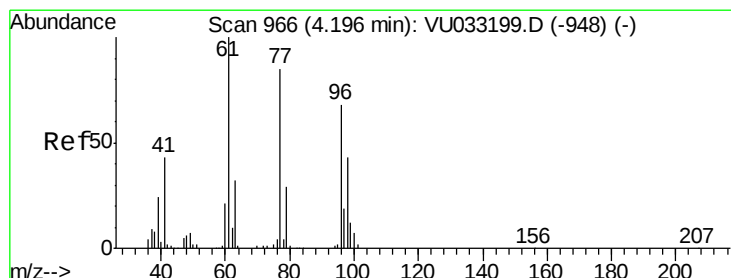
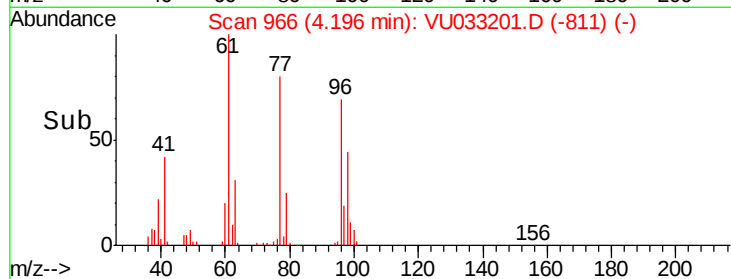
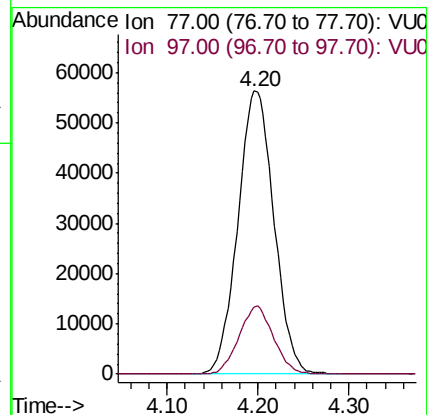
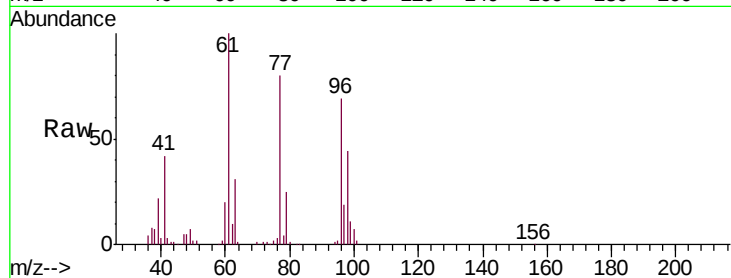
ICVVU071119

Tgt Ion: 77 Resp: 155028

Ion Ratio Lower Upper

77 100

97 23.0 17.6 26.4



#22

cis-1,2-Dichloroethene

Concen: 10.827 ug/l

RT: 4.20 min Scan# 966

Delta R.T. -0.00 min

Lab File: VU033201.D

Acq: 11 Jul 2019 20:03

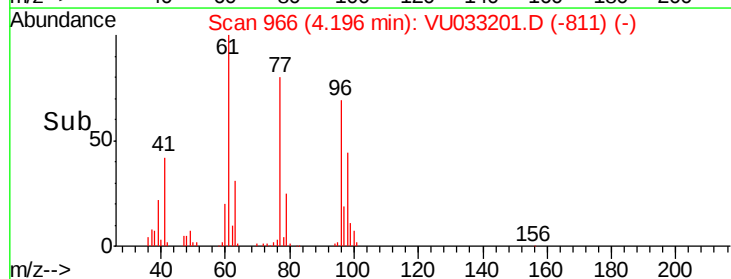
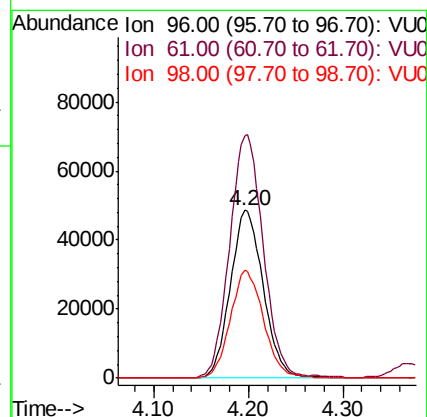
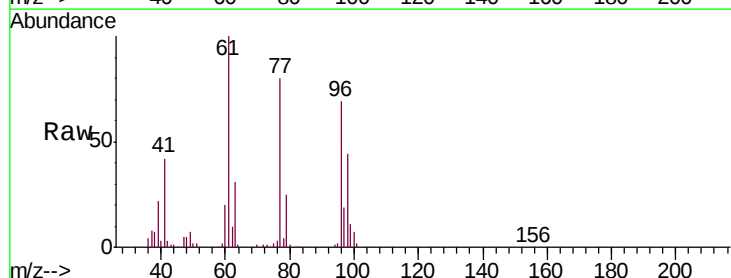
Tgt Ion: 96 Resp: 117610

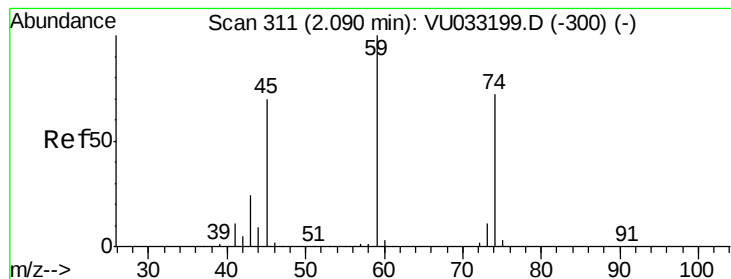
Ion Ratio Lower Upper

96 100

61 147.5 0.0 377.3

98 65.0 32.3 96.8





#23

Diethyl Ether

Concen: 9.466 ug/l

RT: 2.09 min Scan# 312

Delta R.T. 0.00 min

Lab File: VU033201.D

Acq: 11 Jul 2019 20:03

Instrument :

MSVOA_U

ClientSampleId :

ICVVU071119

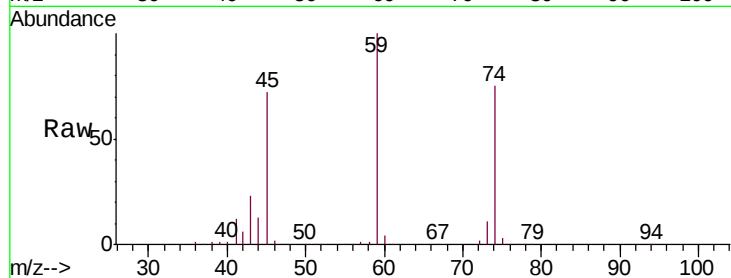
Tgt Ion: 59 Resp: 94238

Ion Ratio Lower Upper

59 100

45 70.7 55.7 83.5

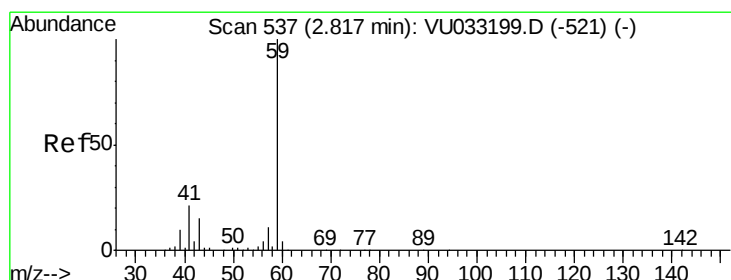
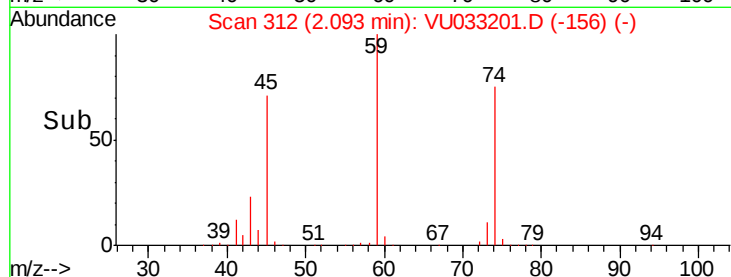
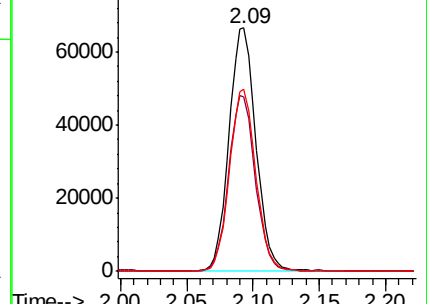
74 73.0 58.1 87.1



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 45.00 (44.70 to 45.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



#24

tert-Butyl Alcohol

Concen: 51.216 ug/l

RT: 2.82 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU033201.D

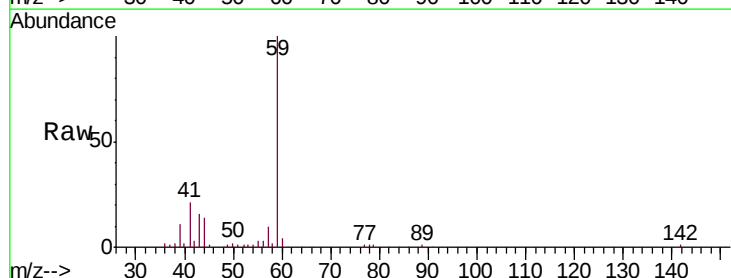
Acq: 11 Jul 2019 20:03

Tgt Ion: 59 Resp: 62154

Ion Ratio Lower Upper

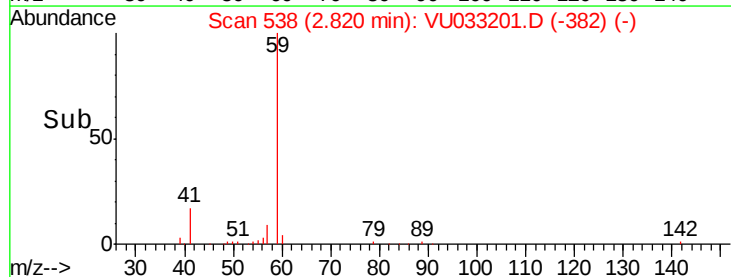
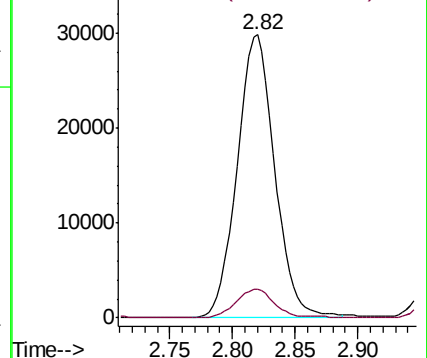
59 100

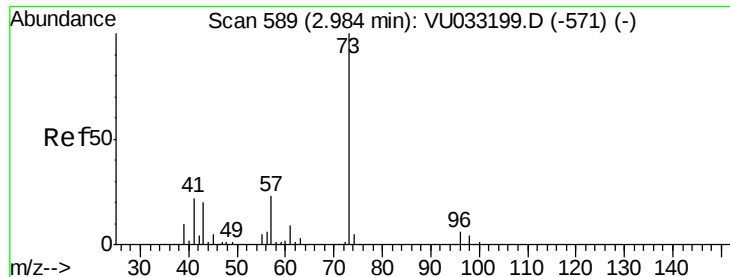
57 10.4 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#25

Methyl tert-Butyl Ether

Concen: 10.268 ug/l

RT: 2.98 min Scan# 589

Delta R.T. -0.00 min

Lab File: VU033201.D

Acq: 11 Jul 2019 20:03

Instrument :

MSVOA_U

ClientSampleId :

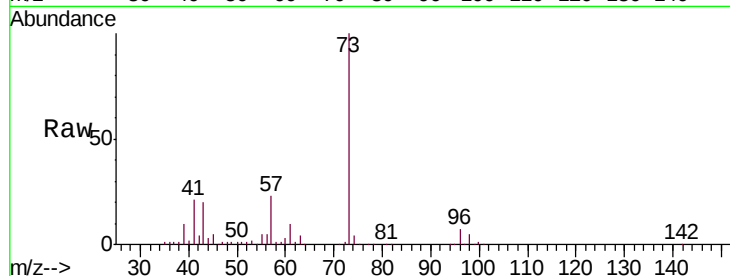
ICVVU071119

Tgt Ion: 73 Resp: 341832

Ion Ratio Lower Upper

73 100

43 20.1 16.1 24.1



Abundance Ion 73.00 (72.70 to 73.70): VU033201.D (-434) (-)

Ion 43.00 (42.70 to 43.70): VU033201.D (-434) (-)

2.98

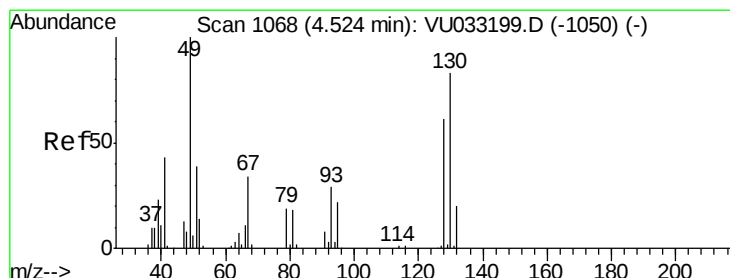
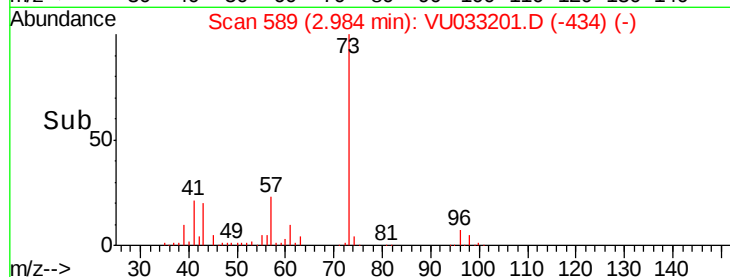
150000

100000

50000

0

Time-->



#26

Bromochloromethane

Concen: 9.862 ug/l

RT: 4.52 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VU033201.D

Acq: 11 Jul 2019 20:03

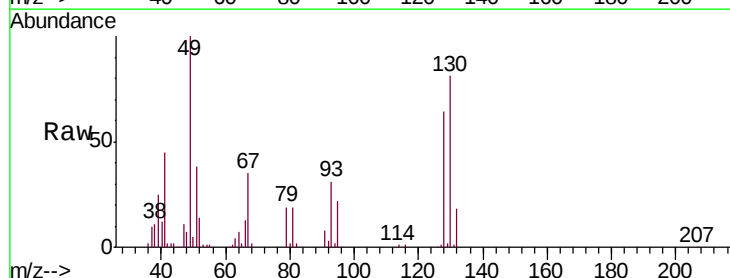
Tgt Ion: 128 Resp: 47455

Ion Ratio Lower Upper

128 100

49 157.5 0.0 328.6

130 127.6 104.1 156.1



Abundance Ion 128.00 (127.70 to 128.70): VU033201.D (-913) (-)

Ion 49.00 (48.70 to 49.70): VU033201.D (-913) (-)

Ion 130.00 (129.70 to 130.70): VU033201.D (-913) (-)

4.52

40000

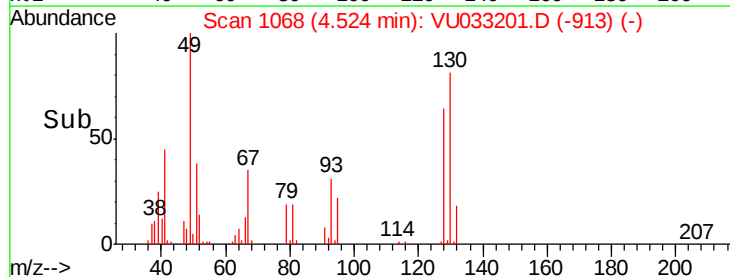
30000

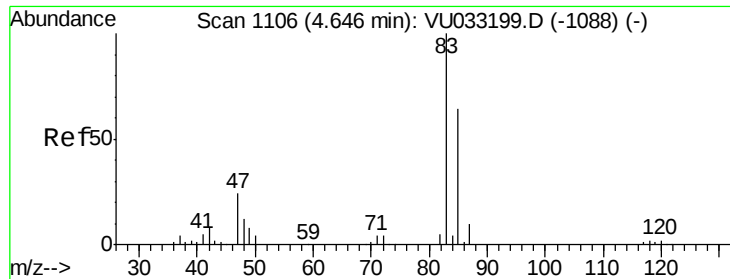
20000

10000

0

Time-->

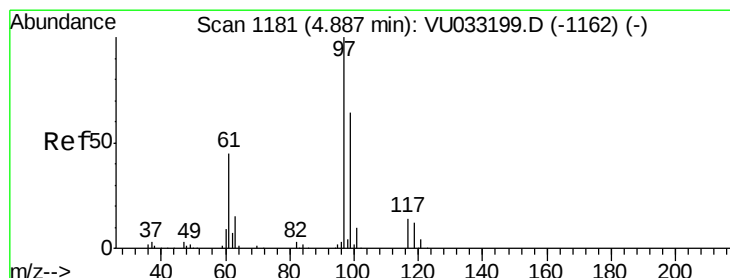
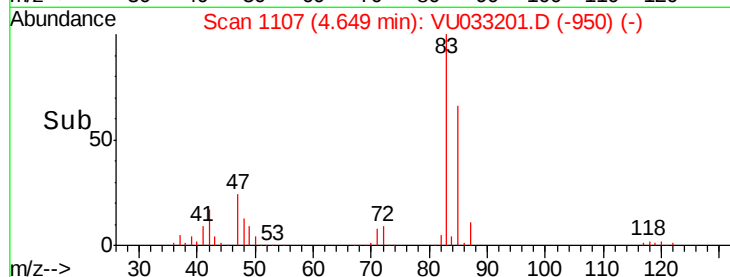
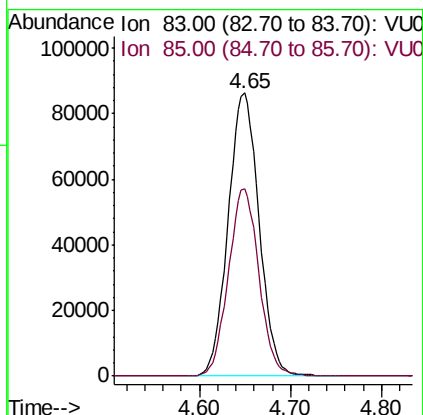
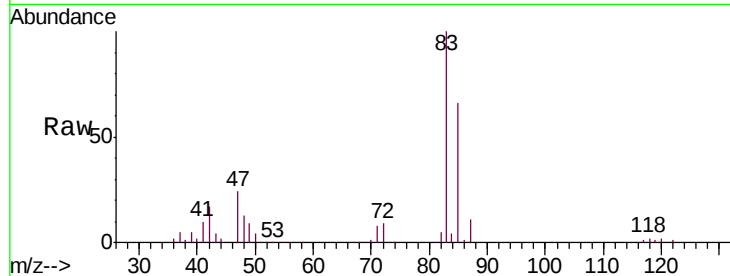




#27
Chloroform
Concen: 9.756 ug/l
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU033201.D
Acq: 11 Jul 2019 20:03

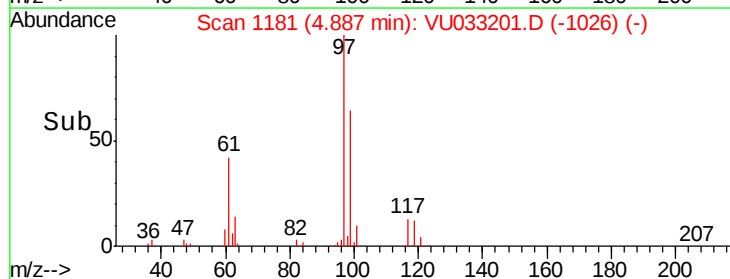
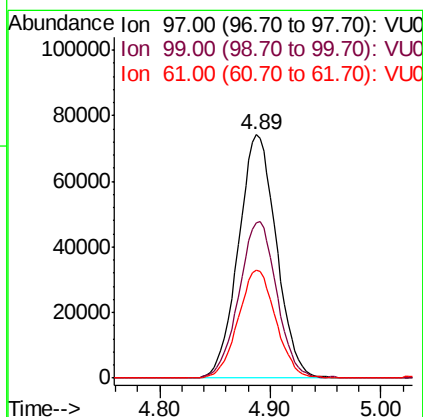
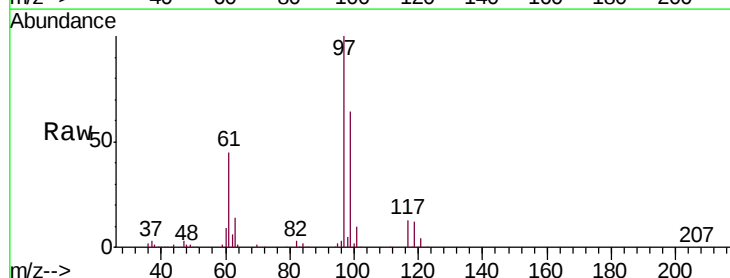
Instrument :
MSVOA_U
ClientSampleId :
ICVVU071119

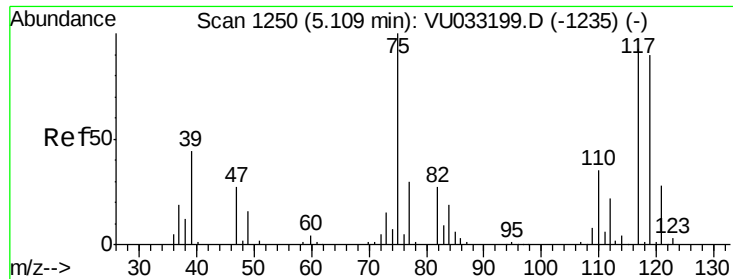
Tgt Ion: 83 Resp: 204554
Ion Ratio Lower Upper
83 100
85 66.1 0.0 128.4



#28
1,1,1-Trichloroethane
Concen: 10.669 ug/l
RT: 4.89 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU033201.D
Acq: 11 Jul 2019 20:03

Tgt Ion: 97 Resp: 177099
Ion Ratio Lower Upper
97 100
99 64.0 31.9 95.5
61 44.1 22.6 67.7





#29

1,1-Dichloropropene

Concen: 10.953 ug/l

RT: 5.11 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VU033201.D

Acq: 11 Jul 2019 20:03

Instrument :

MSVOA_U

ClientSampleId :

ICVVU071119

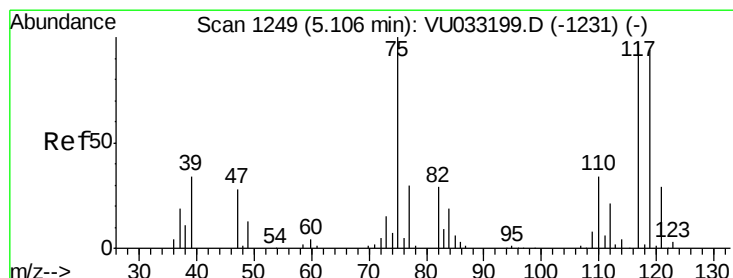
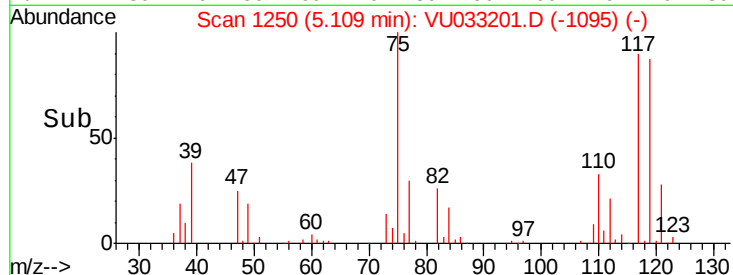
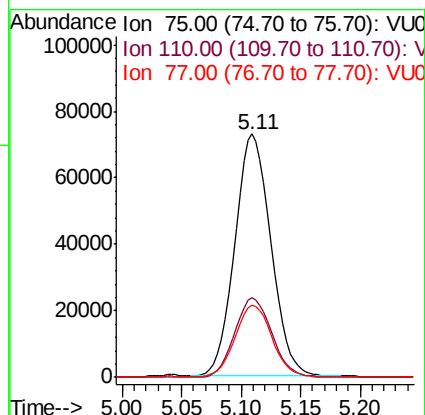
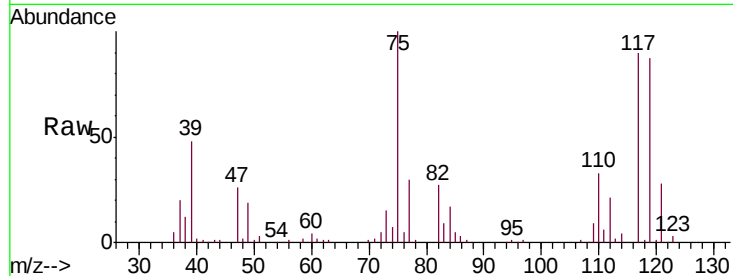
Tgt Ion: 75 Resp: 153335

Ion Ratio Lower Upper

75 100

110 33.9 17.5 52.6

77 30.3 24.6 37.0



#30

Carbon Tetrachloride

Concen: 10.532 ug/l

RT: 5.11 min Scan# 1249

Delta R.T. -0.00 min

Lab File: VU033201.D

Acq: 11 Jul 2019 20:03

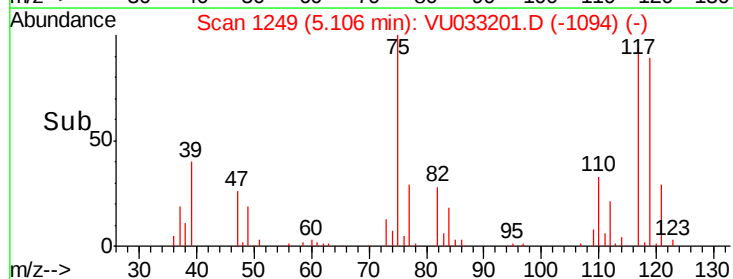
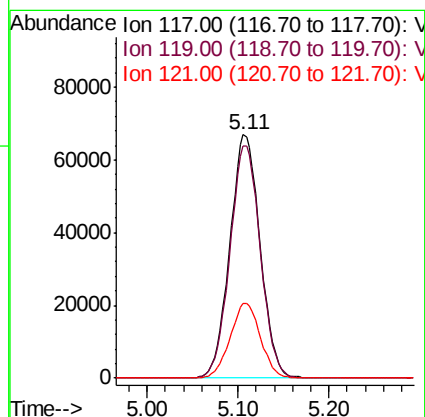
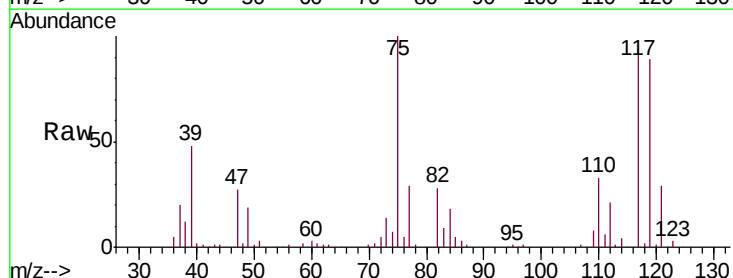
Tgt Ion: 117 Resp: 154378

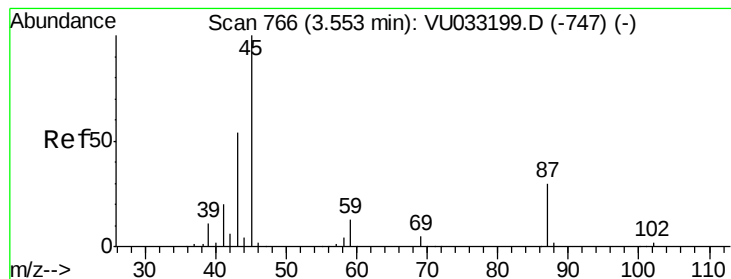
Ion Ratio Lower Upper

117 100

119 95.3 77.4 116.0

121 30.4 24.2 36.2





#31

Isopropyl Ether

Concen: 11.828 ug/l

RT: 3.56 min Scan# 767

Delta R.T. 0.00 min

Lab File: VU033201.D

Acq: 11 Jul 2019 20:03

Instrument :

MSVOA_U

ClientSampleId :

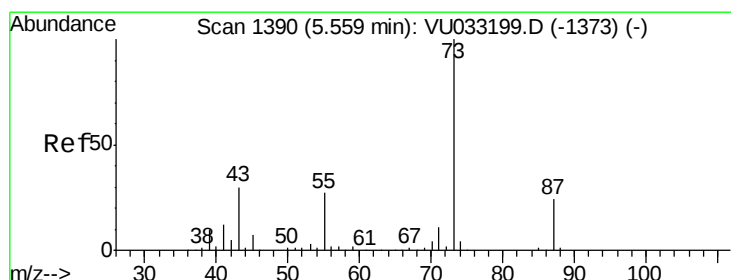
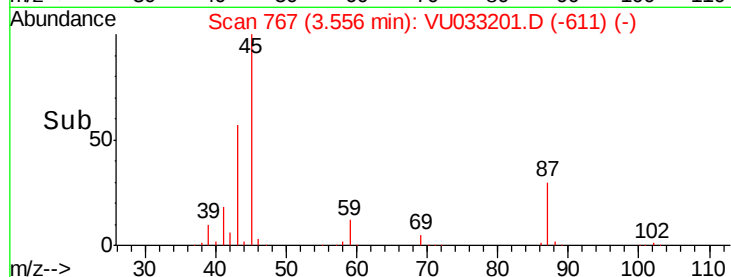
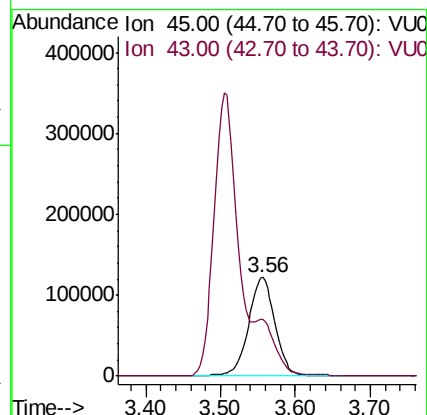
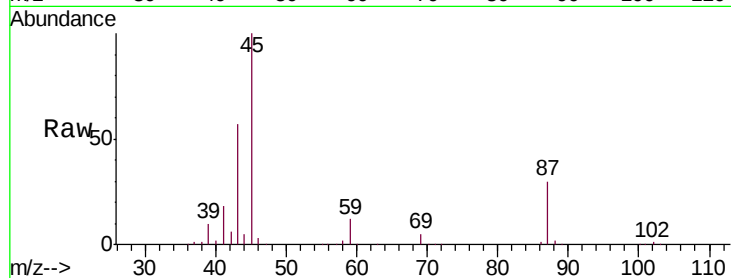
ICVVU071119

Tgt Ion: 45 Resp: 301522

Ion Ratio Lower Upper

45 100

43 251.8 27.3 81.8#



#33

Tert-Amyl methyl ether

Concen: 0.336 ug/l

RT: 5.37 min Scan# 1330

Delta R.T. -0.19 min

Lab File: VU033201.D

Acq: 11 Jul 2019 20:03

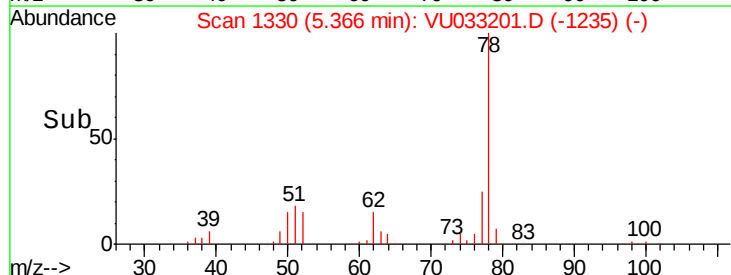
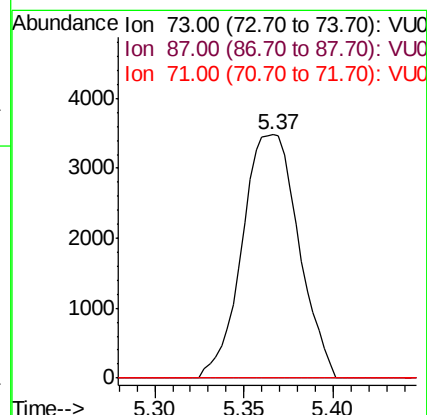
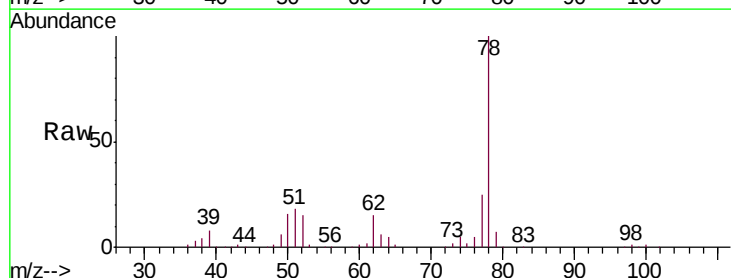
Tgt Ion: 73 Resp: 7695

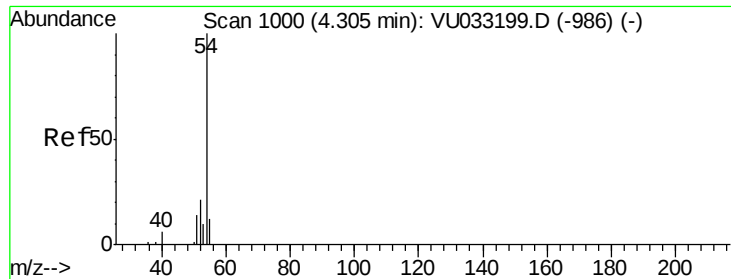
Ion Ratio Lower Upper

73 100

87 230.2 19.8 29.6#

71 0.0 9.1 13.7#

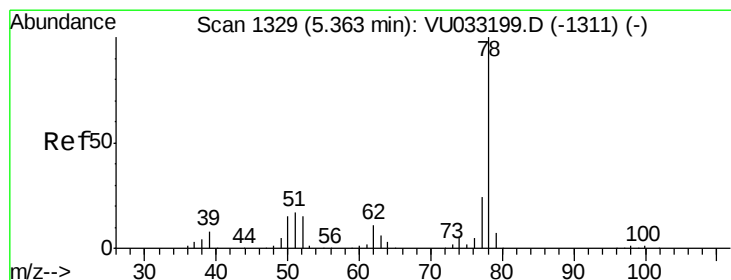
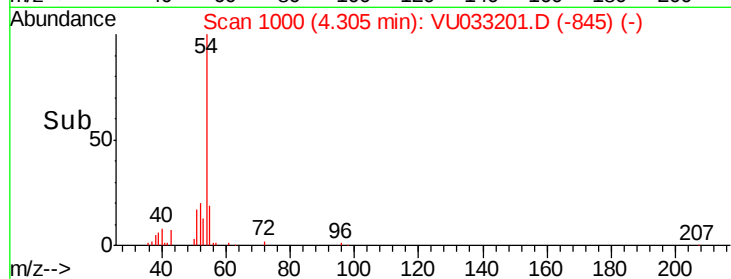
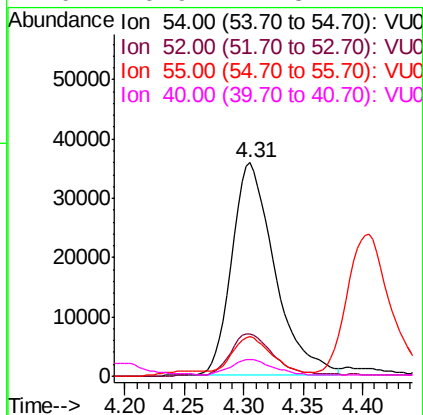
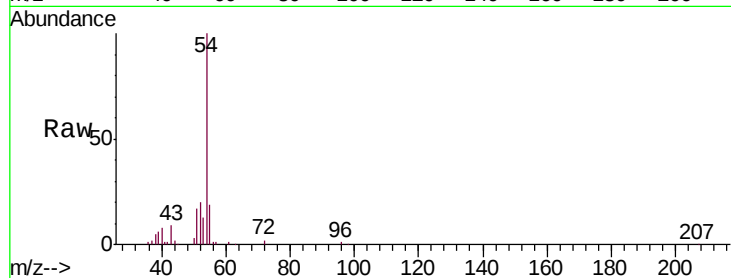




#34
 Propionitrile
 Concen: 111.449 ug/l
 RT: 4.31 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VU033201.D
 Acq: 11 Jul 2019 20:03

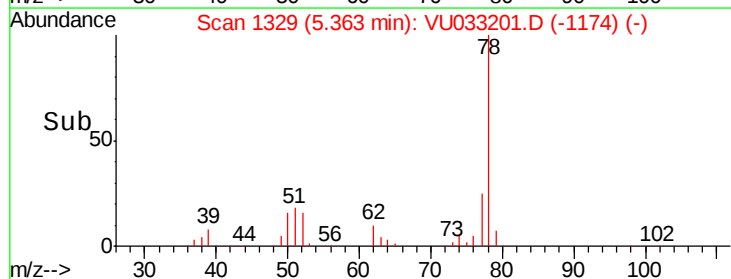
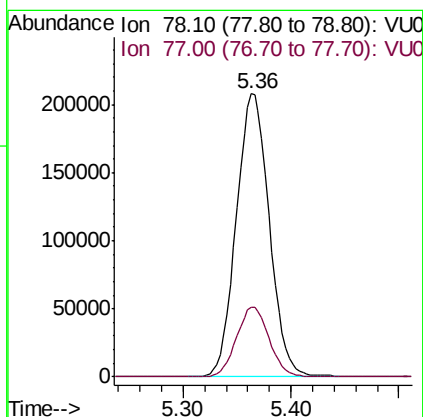
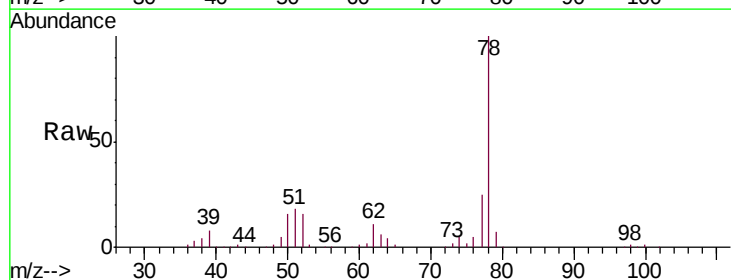
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU071119

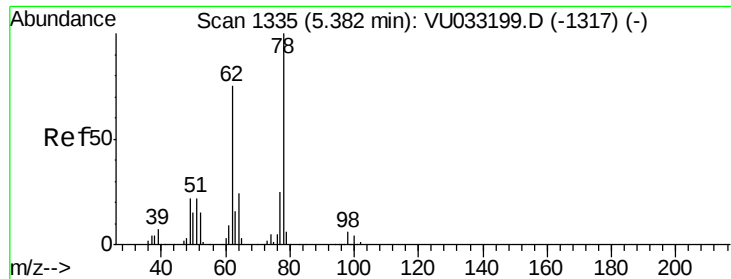
Tgt Ion:	54	Resp:	89456
Ion	Ratio	Lower	Upper
54	100		
52	19.6	16.7	25.1
55	16.4	12.9	19.3
40	6.9	4.8	7.2



#35
 Benzene
 Concen: 10.813 ug/l
 RT: 5.36 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: VU033201.D
 Acq: 11 Jul 2019 20:03

Tgt Ion:	78	Resp:	441306
Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.3	28.9

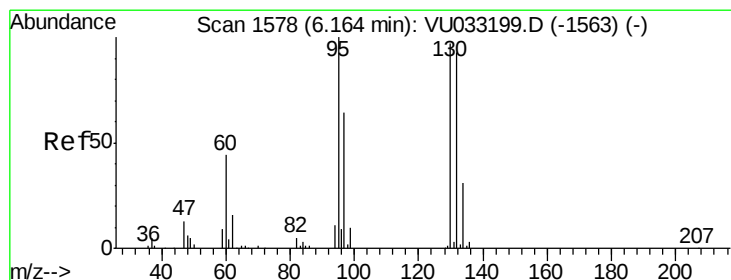
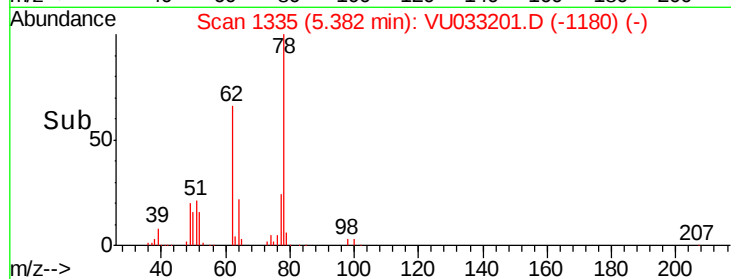
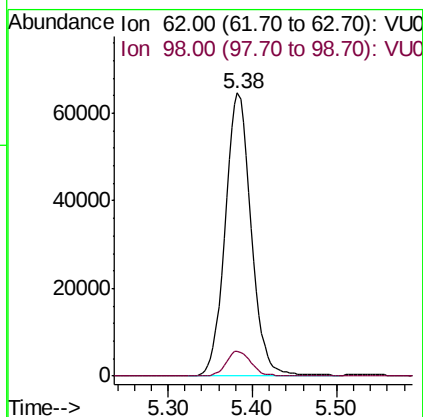
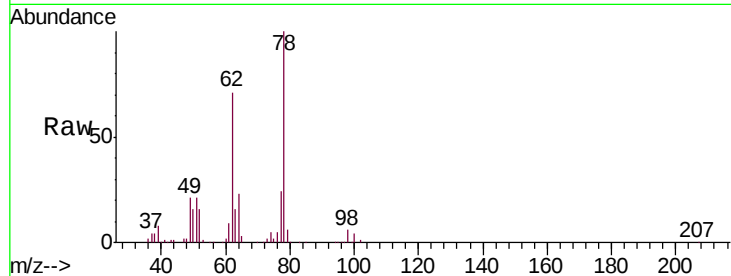




#36
1,2-Dichloroethane
Concen: 10.466 ug/l
RT: 5.38 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VU033201.D
Acq: 11 Jul 2019 20:03

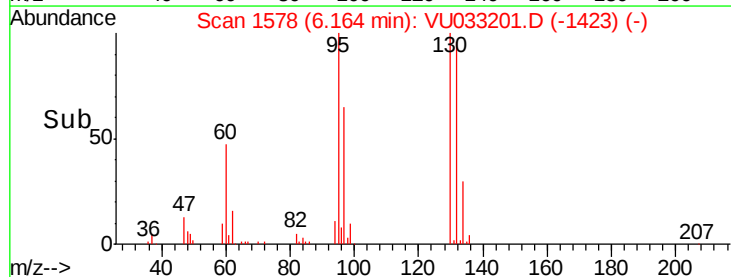
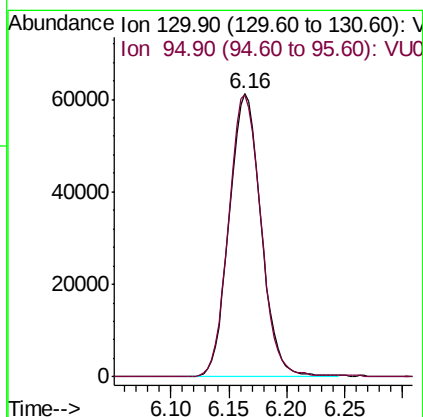
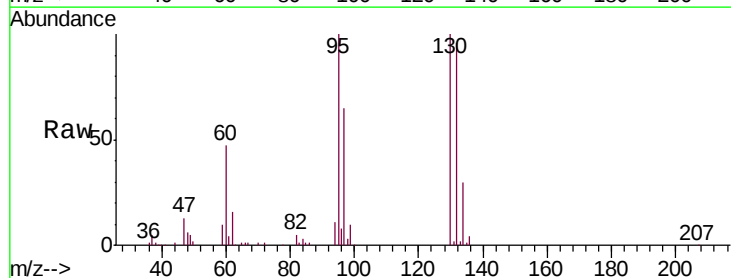
Instrument :
MSVOA_U
ClientSampleId :
ICVVU071119

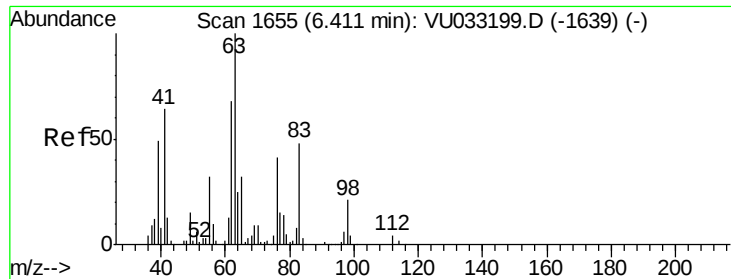
Tgt Ion: 62 Resp: 138266
Ion Ratio Lower Upper
62 100
98 8.6 6.7 10.1



#37
Trichloroethene
Concen: 10.925 ug/l
RT: 6.16 min Scan# 1578
Delta R.T. -0.00 min
Lab File: VU033201.D
Acq: 11 Jul 2019 20:03

Tgt Ion: 130 Resp: 116551
Ion Ratio Lower Upper
130 100
95 99.6 82.4 123.6

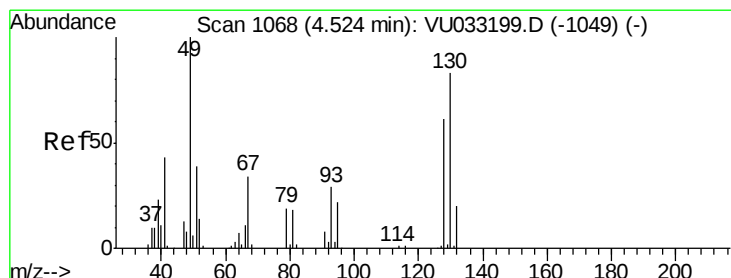
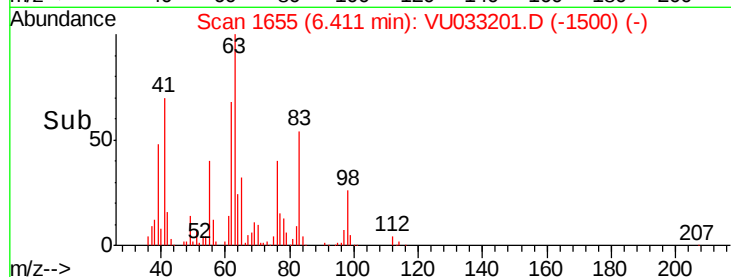
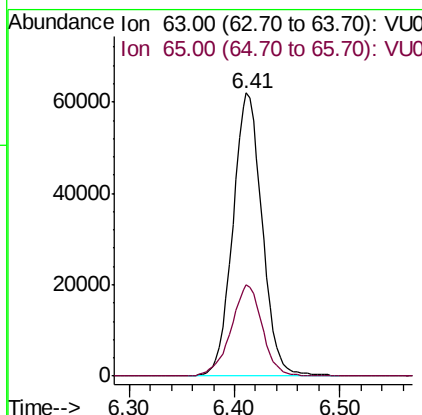
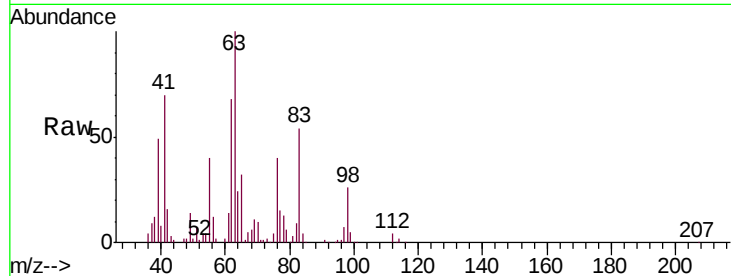




#38
 1,2-Dichloropropane
 Concen: 10.808 ug/l
 RT: 6.41 min Scan# 1655
 Delta R.T. -0.00 min
 Lab File: VU033201.D
 Acq: 11 Jul 2019 20:03

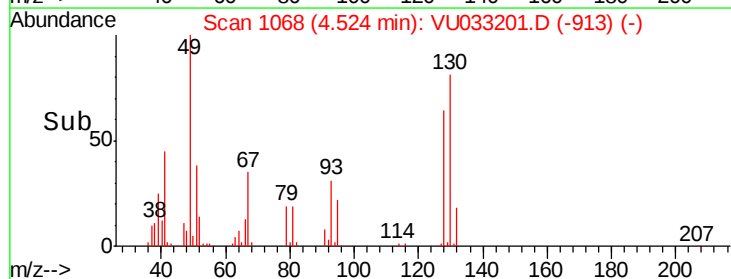
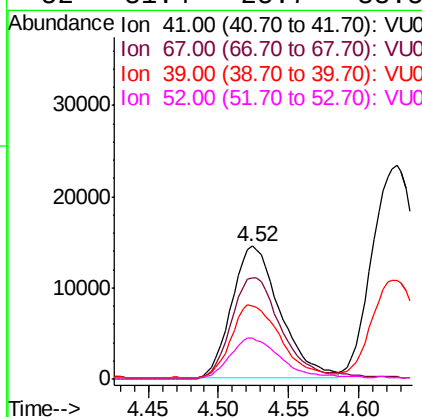
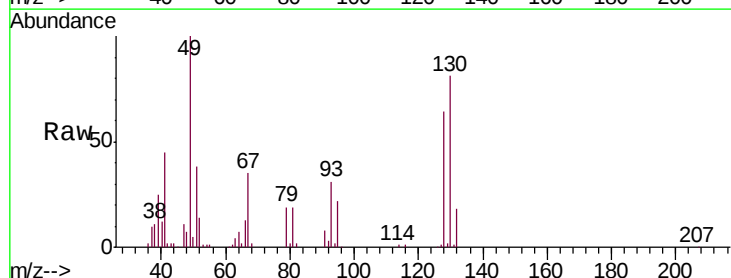
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU071119

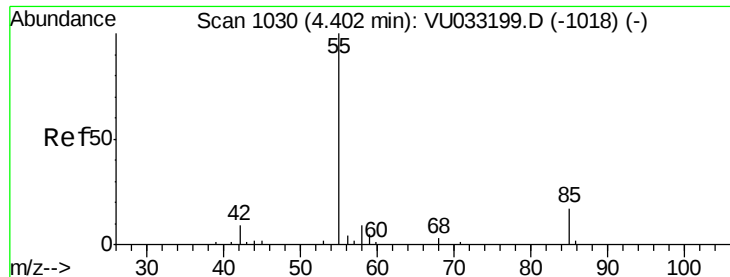
Tgt Ion: 63 Resp: 119316
 Ion Ratio Lower Upper
 63 100
 65 32.1 25.3 37.9



#39
 Methacrylonitrile
 Concen: 10.400 ug/l
 RT: 4.52 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VU033201.D
 Acq: 11 Jul 2019 20:03

Tgt Ion: 41 Resp: 34610
 Ion Ratio Lower Upper
 41 100
 67 81.3 61.0 91.4
 39 56.5 44.4 66.6
 52 31.4 25.7 38.5

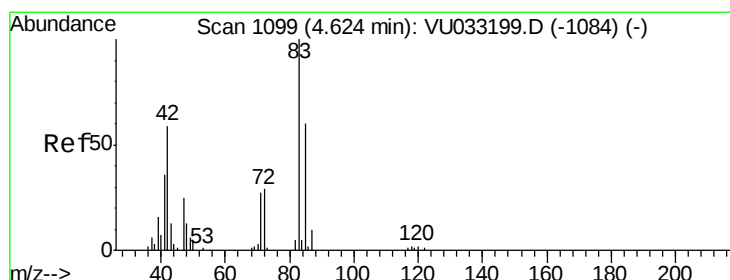
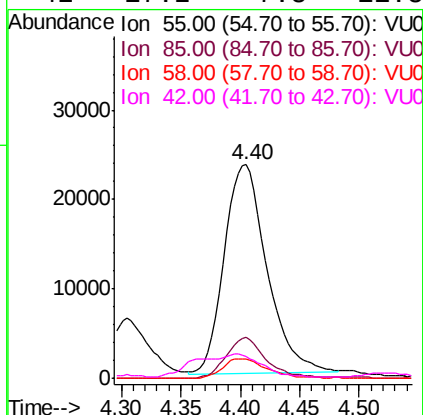
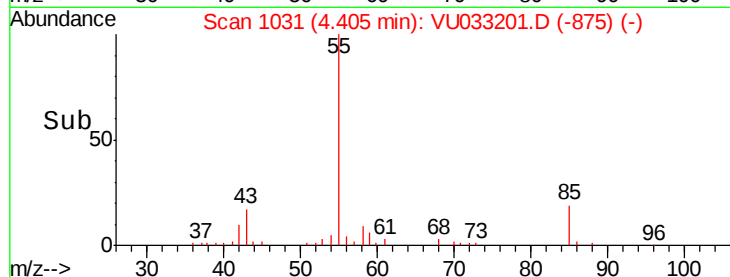
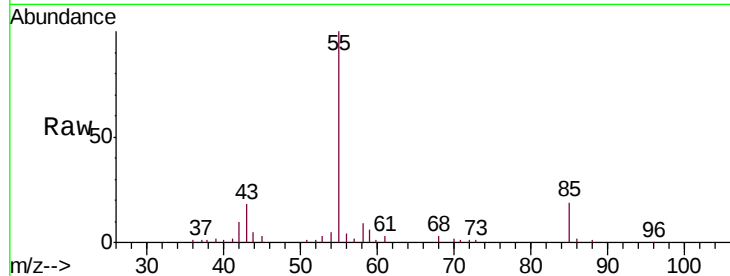




#40
Methyl acrylate
Concen: 11.844 ug/l
RT: 4.40 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VU033201.D
Acq: 11 Jul 2019 20:03

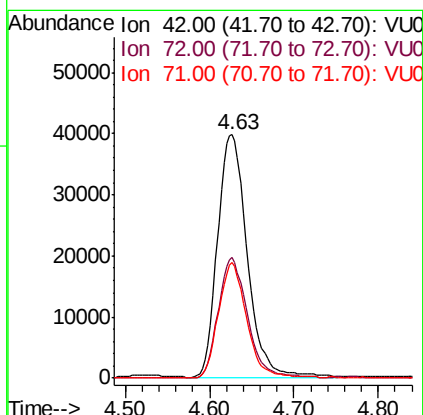
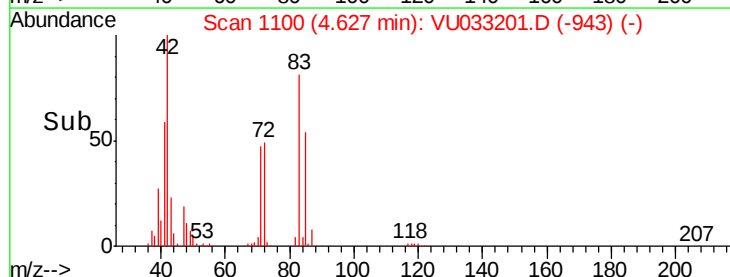
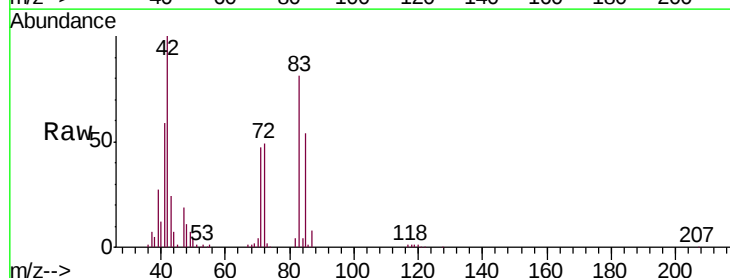
Instrument :
MSVOA_U
ClientSampleId :
ICVVU071119

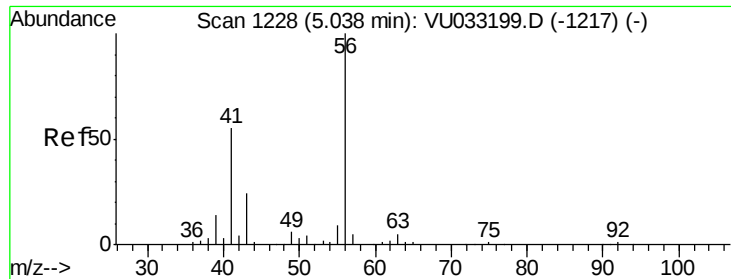
Tgt Ion:	55	Resp:	58365
Ion	Ratio	Lower	Upper
55	100		
85	17.8	13.0	19.6
58	9.5	7.0	10.4
42	17.2	7.8	11.8#



#41
Tetrahydrofuran
Concen: 55.696 ug/l
RT: 4.63 min Scan# 1100
Delta R.T. 0.00 min
Lab File: VU033201.D
Acq: 11 Jul 2019 20:03

Tgt Ion:	42	Resp:	97232
Ion	Ratio	Lower	Upper
42	100		
72	49.2	40.7	61.1
71	44.8	35.4	53.0





#42

1-Chlorobutane

Concen: 10.901 ug/l

RT: 5.04 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VU033201.D

Acq: 11 Jul 2019 20:03

Instrument :

MSVOA_U

ClientSampleId :

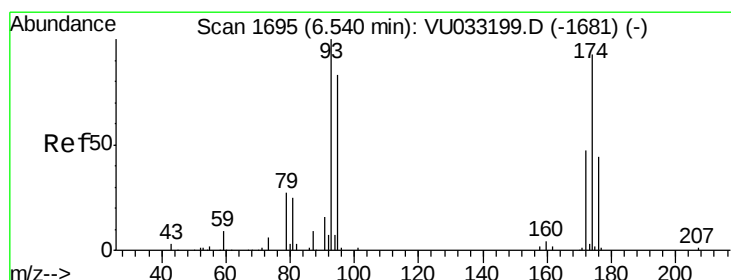
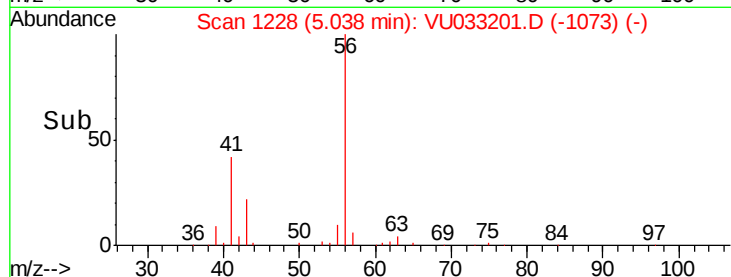
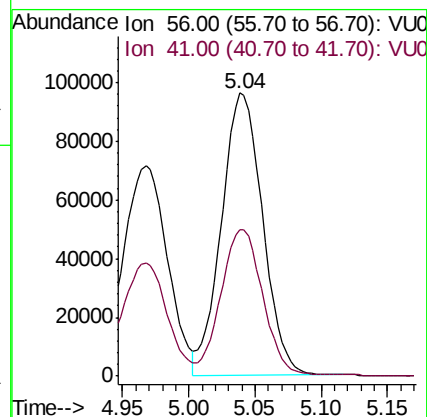
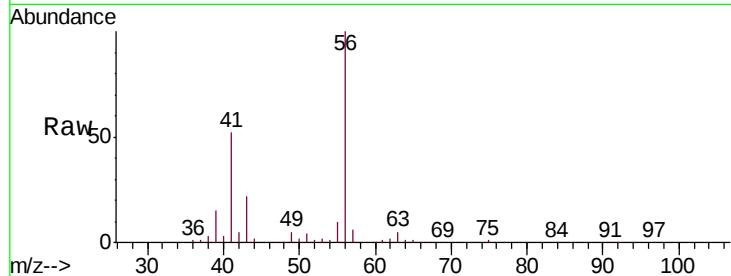
ICVVU071119

Tgt Ion: 56 Resp: 207251

Ion Ratio Lower Upper

56 100

41 51.8 26.5 79.4



#43

Dibromomethane

Concen: 10.593 ug/l

RT: 6.54 min Scan# 1695

Delta R.T. -0.00 min

Lab File: VU033201.D

Acq: 11 Jul 2019 20:03

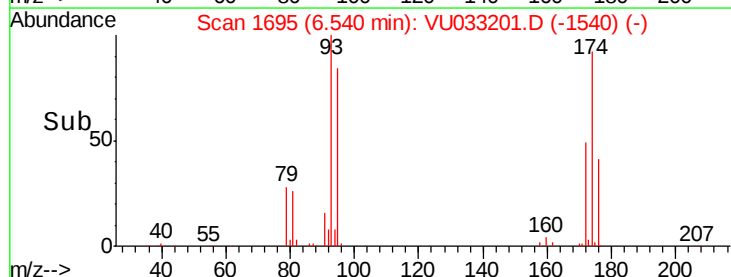
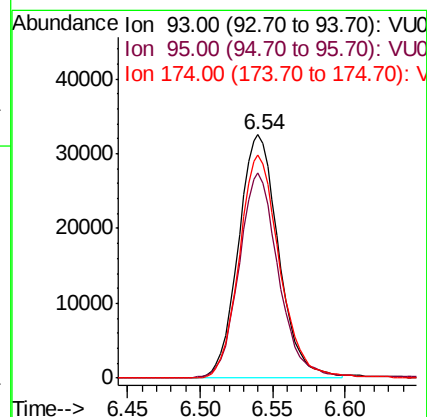
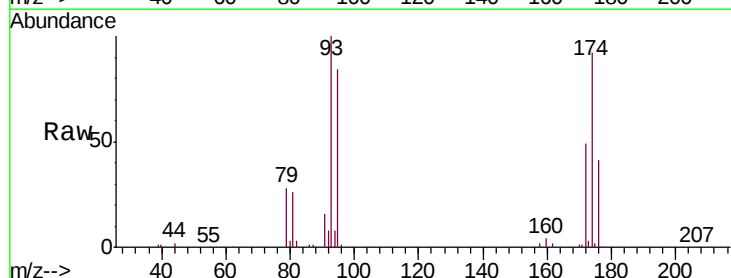
Tgt Ion: 93 Resp: 62528

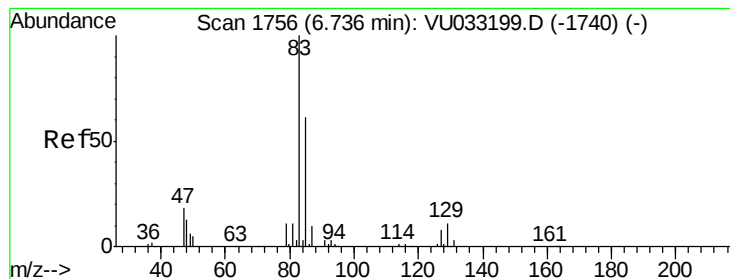
Ion Ratio Lower Upper

93 100

95 83.3 67.5 101.3

174 92.4 74.2 111.2





#44

Bromodichloromethane

Concen: 10.596 ug/l

RT: 6.74 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VU033201.D

Acq: 11 Jul 2019 20:03

Instrument :

MSVOA_U

ClientSampleId :

ICVVU071119

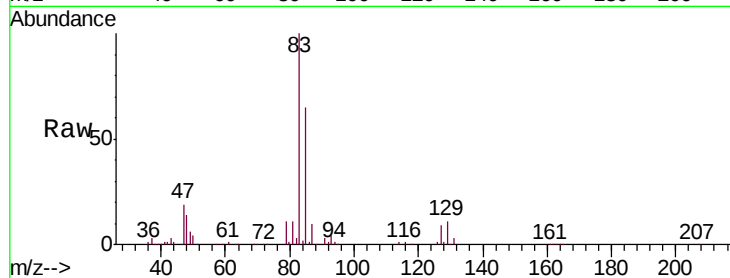
Tgt Ion: 83 Resp: 154148

Ion Ratio Lower Upper

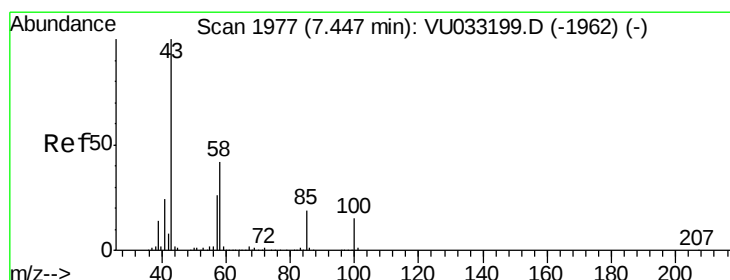
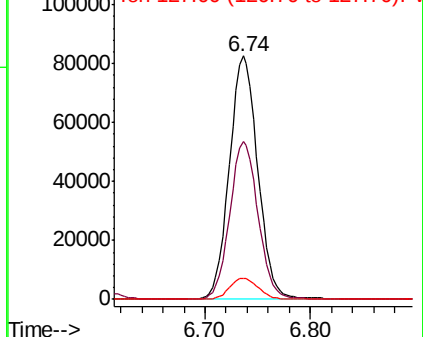
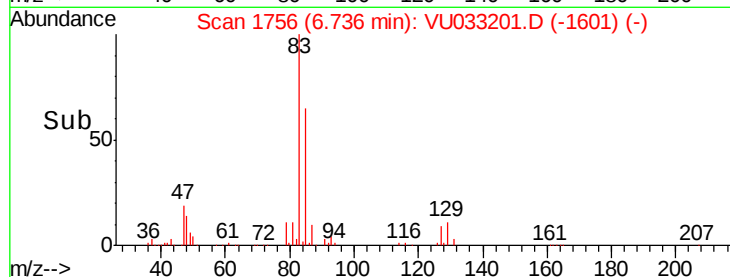
83 100

85 64.6 49.1 73.7

127 8.8 6.6 9.8



Abundance Ion 83.00 (82.70 to 83.70): VU033201.D (-1601) (-)



#45

4-Methyl-2-Pentanone

Concen: 55.678 ug/l

RT: 7.45 min Scan# 1977

Delta R.T. -0.00 min

Lab File: VU033201.D

Acq: 11 Jul 2019 20:03

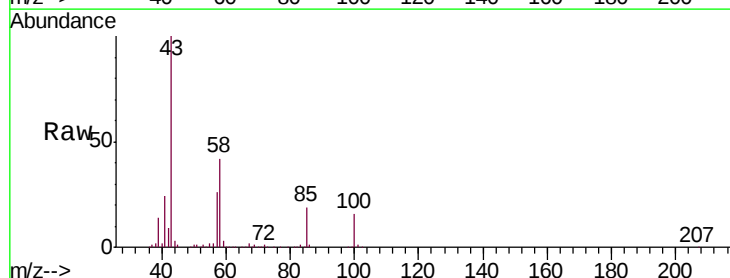
Tgt Ion: 43 Resp: 370128

Ion Ratio Lower Upper

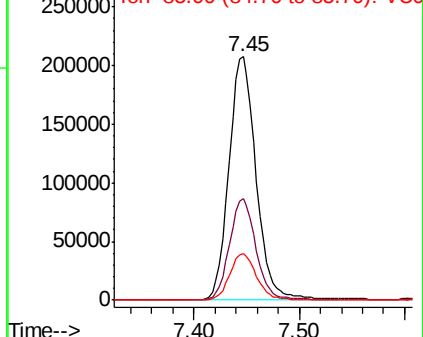
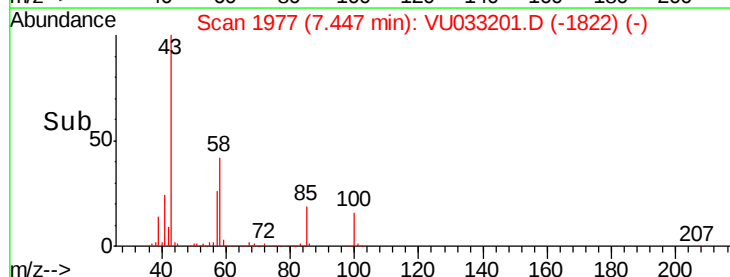
43 100

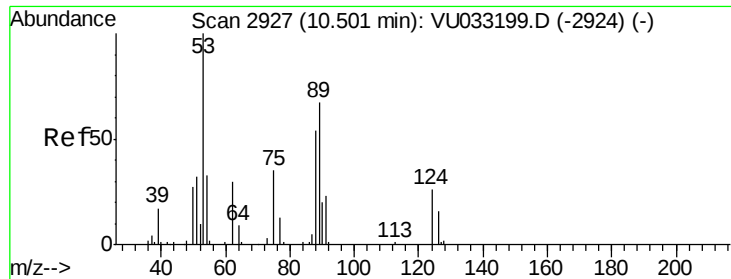
58 40.7 20.4 61.2

85 18.8 14.7 22.1



Abundance Ion 43.00 (42.70 to 43.70): VU033201.D (-1822) (-)

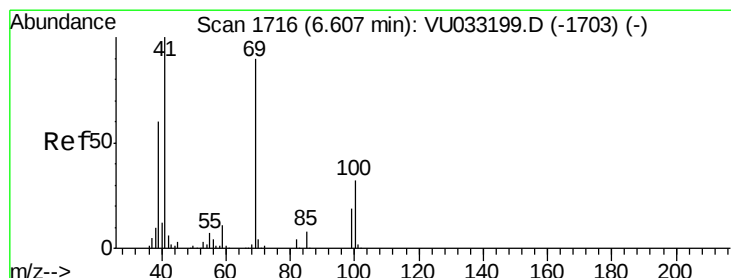
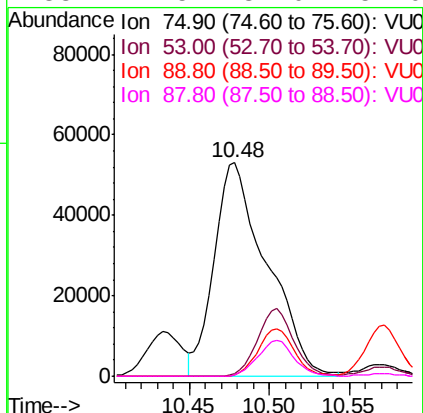
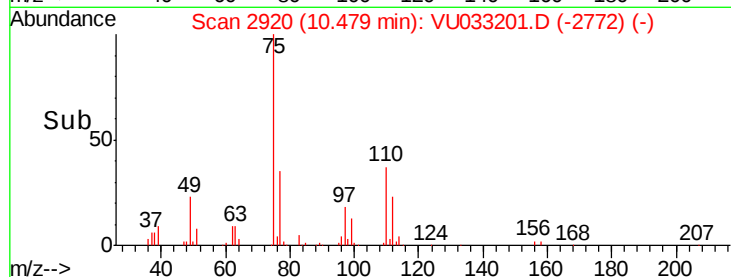
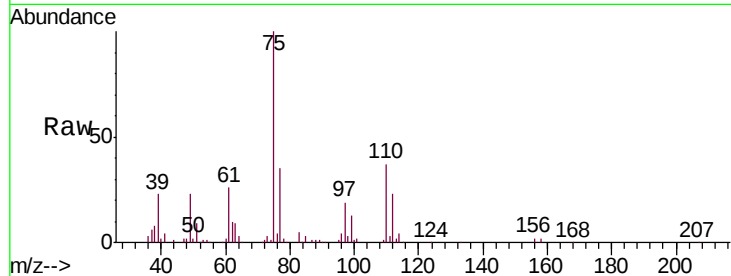




#46
t-1,4-Dichloro-2-butene
Concen: 42.602 ug/l
RT: 10.48 min Scan# 2920
Delta R.T. -0.02 min
Lab File: VU033201.D
Acq: 11 Jul 2019 20:03

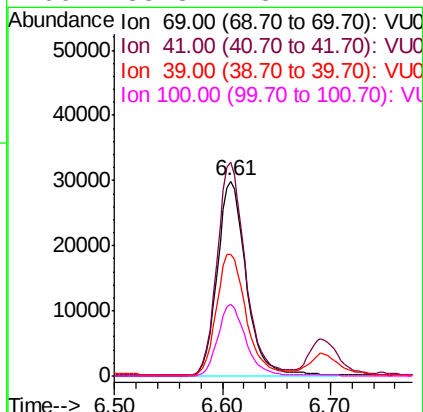
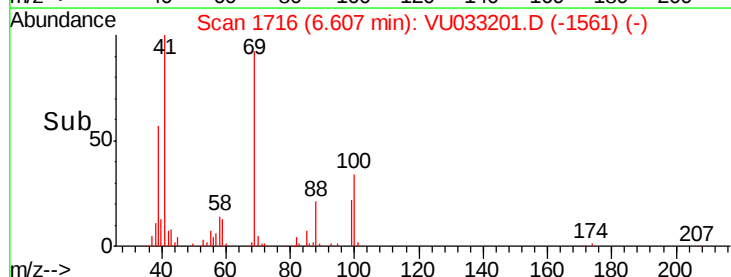
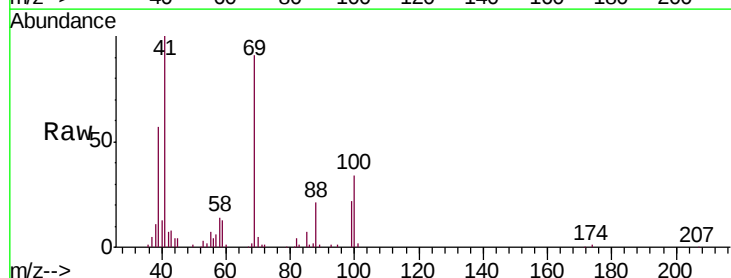
Instrument :
MSVOA_U
ClientSampleId :
ICVVU071119

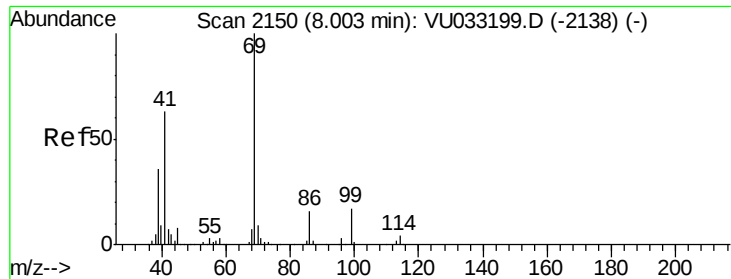
Tgt Ion: 75 Resp: 120579
Ion Ratio Lower Upper
75 100
53 21.6 63.8 95.6#
89 15.2 44.0 66.0#
88 11.5 34.0 51.0#



#47
Methyl methacrylate
Concen: 11.699 ug/l
RT: 6.61 min Scan# 1716
Delta R.T. -0.00 min
Lab File: VU033201.D
Acq: 11 Jul 2019 20:03

Tgt Ion: 69 Resp: 55871
Ion Ratio Lower Upper
69 100
41 105.4 0.0 217.0
39 62.9 52.1 78.1
100 35.3 28.2 42.4

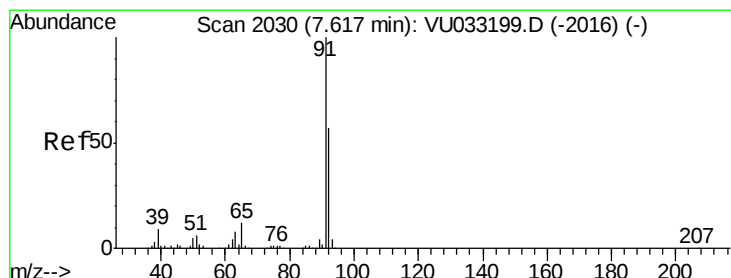
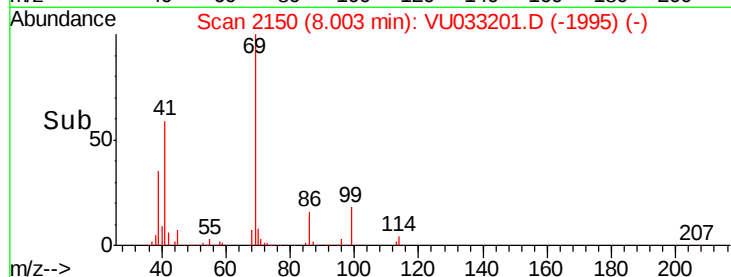
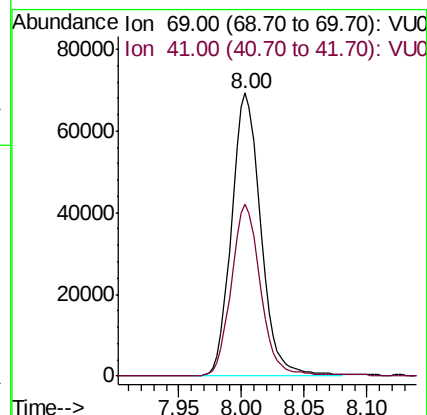
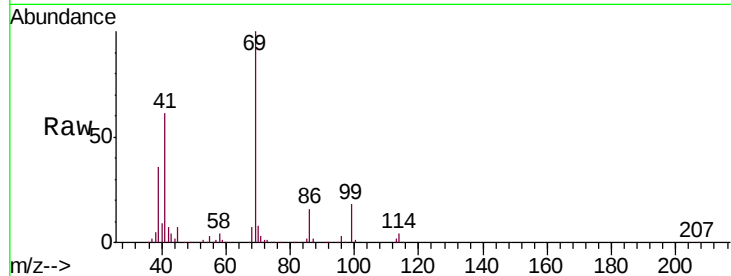




#48
Ethyl methacrylate
Concen: 12.514 ug/l
RT: 8.00 min Scan# 2150
Delta R.T. -0.00 min
Lab File: VU033201.D
Acq: 11 Jul 2019 20:03

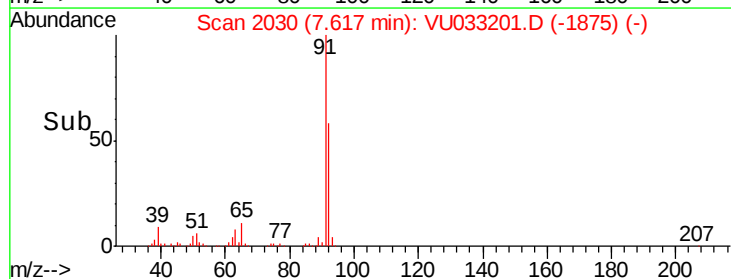
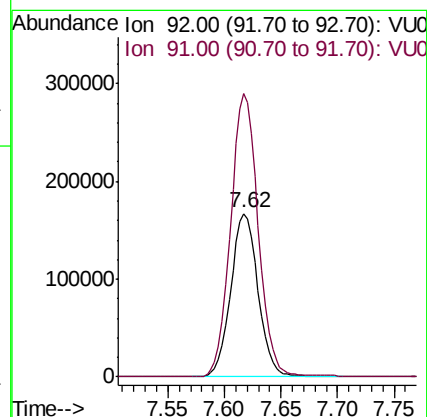
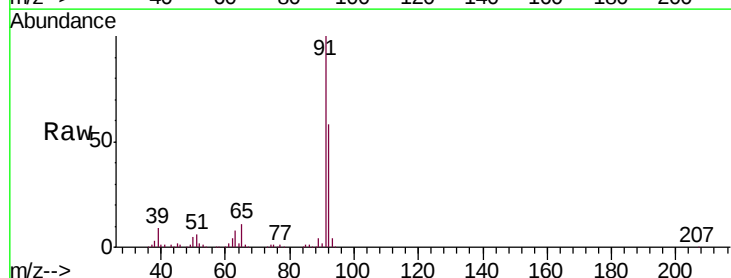
Instrument :
MSVOA_U
ClientSampleId :
ICVVU071119

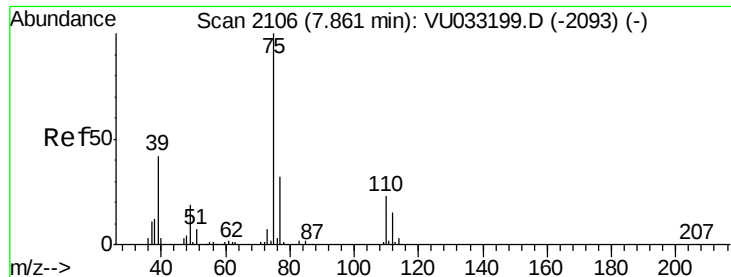
Tgt Ion: 69 Resp: 112316
Ion Ratio Lower Upper
69 100
41 60.5 31.3 93.8



#49
Toluene
Concen: 11.681 ug/l
RT: 7.62 min Scan# 2030
Delta R.T. -0.00 min
Lab File: VU033201.D
Acq: 11 Jul 2019 20:03

Tgt Ion: 92 Resp: 281230
Ion Ratio Lower Upper
92 100
91 174.7 141.2 211.8

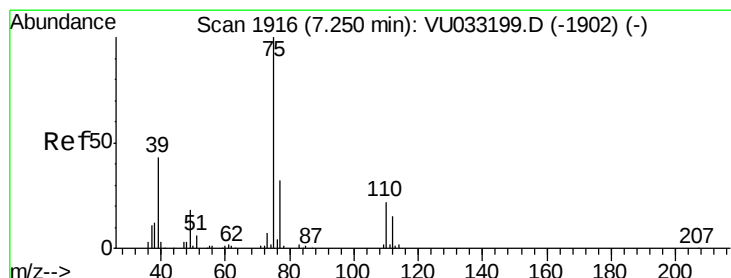
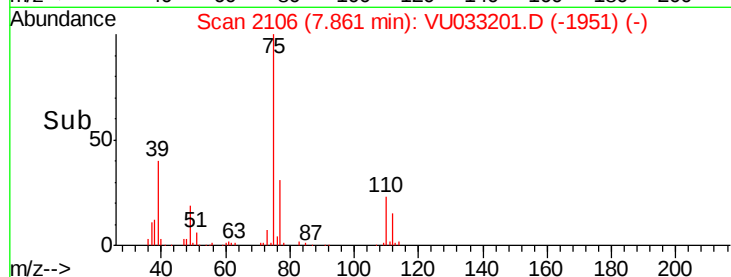
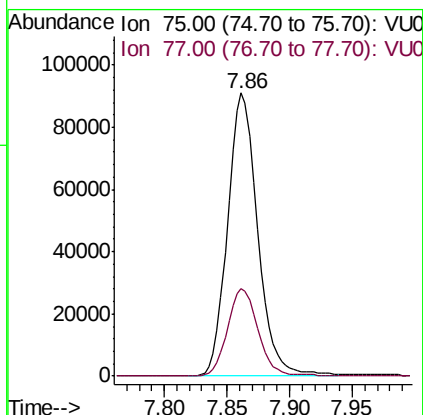
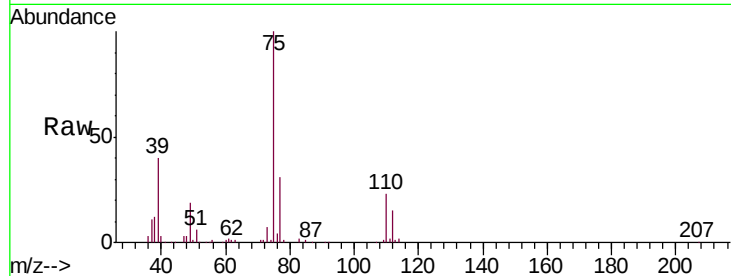




#50
t-1,3-Dichloropropene
Concen: 11.764 ug/l
RT: 7.86 min Scan# 2106
Delta R.T. -0.00 min
Lab File: VU033201.D
Acq: 11 Jul 2019 20:03

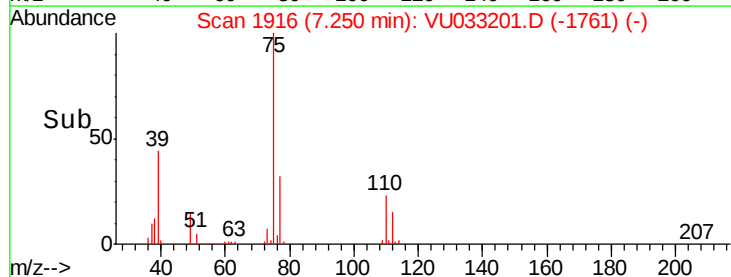
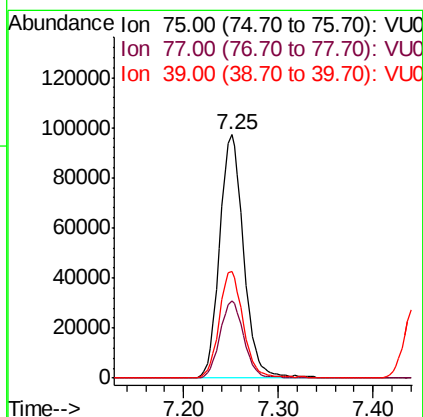
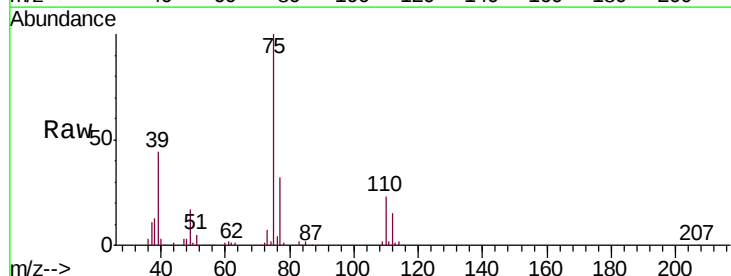
Instrument :
MSVOA_U
ClientSampleId :
ICVVU071119

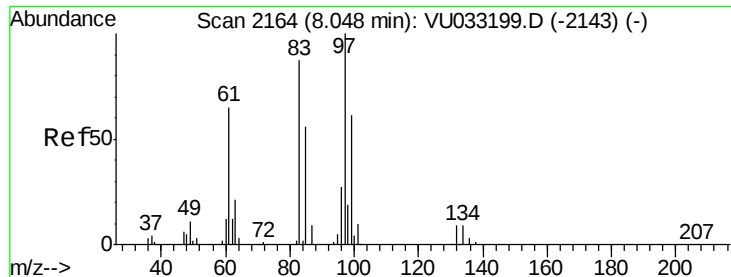
Tgt Ion: 75 Resp: 151822
Ion Ratio Lower Upper
75 100
77 30.7 25.2 37.8



#51
cis-1,3-Dichloropropene
Concen: 11.529 ug/l
RT: 7.25 min Scan# 1916
Delta R.T. -0.00 min
Lab File: VU033201.D
Acq: 11 Jul 2019 20:03

Tgt Ion: 75 Resp: 171893
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0
39 43.8 34.5 51.7

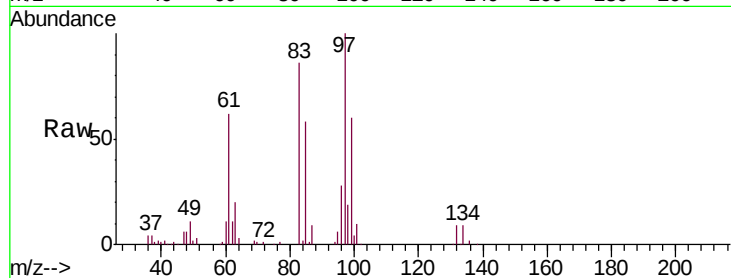




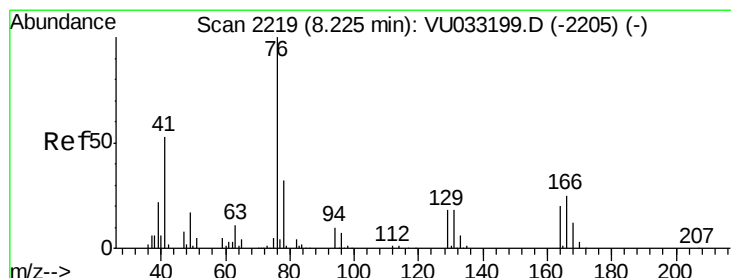
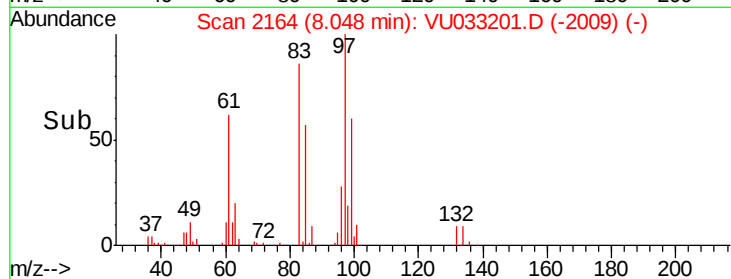
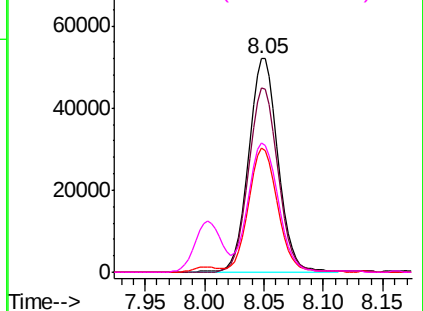
#52
 1,1,2-Trichloroethane
 Concen: 10.877 ug/l
 RT: 8.05 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VU033201.D
 Acq: 11 Jul 2019 20:03

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU071119

Tgt Ion:	97	Resp:	89137
Ion	Ratio	Lower	Upper
97	100		
83	86.1	69.9	104.9
85	57.6	45.2	67.8
99	59.8	49.9	74.9

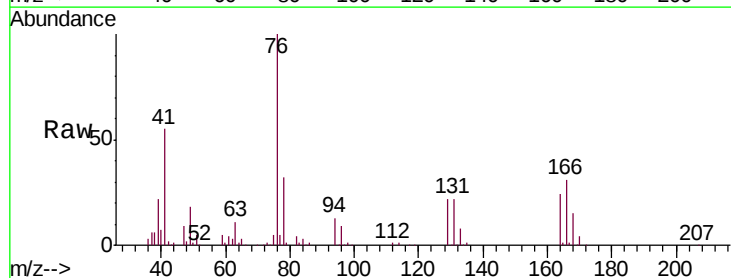


Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 82.95 (82.65 to 83.65): VU0
 Ion 84.95 (84.65 to 85.65): VU0
 Ion 98.95 (98.65 to 99.65): VU0

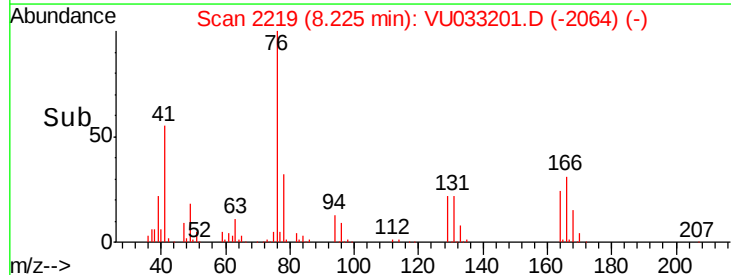
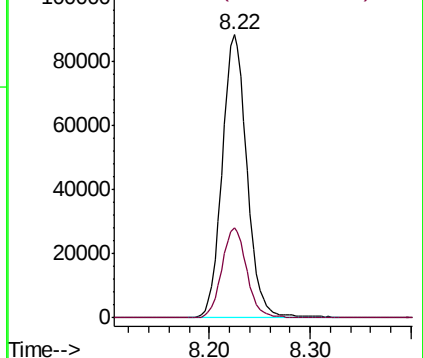


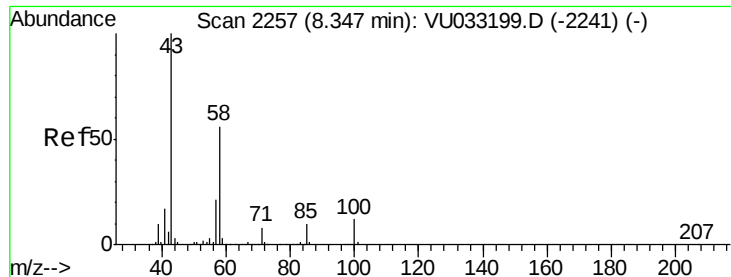
#53
 1,3-Dichloropropane
 Concen: 10.934 ug/l
 RT: 8.22 min Scan# 2219
 Delta R.T. -0.00 min
 Lab File: VU033201.D
 Acq: 11 Jul 2019 20:03

Tgt Ion:	76	Resp:	151864
Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.9	38.9



Abundance Ion 76.00 (75.70 to 76.70): VU0
 Ion 78.00 (77.70 to 78.70): VU0

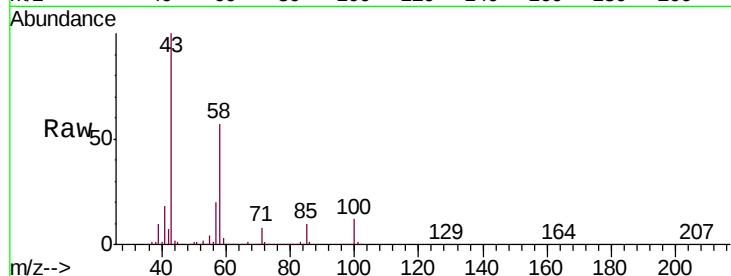




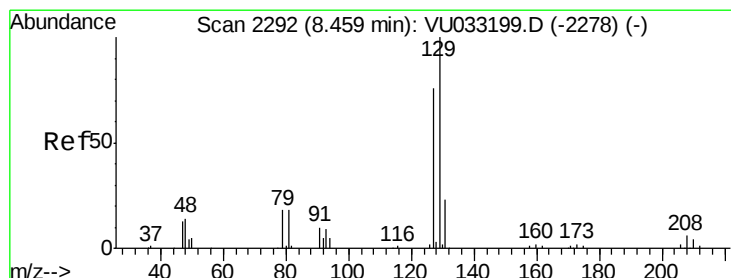
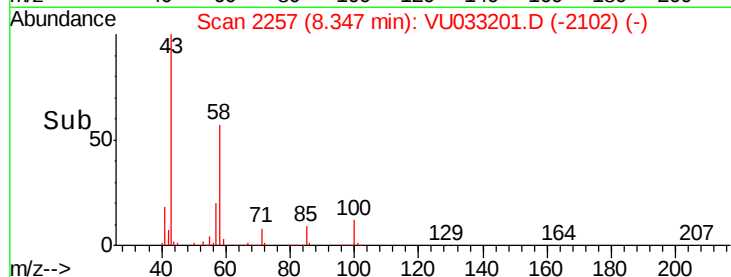
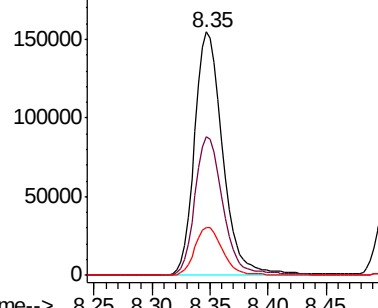
#54
2-Hexanone
Concen: 56.017 ug/l
RT: 8.35 min Scan# 2257
Delta R.T. -0.00 min
Lab File: VU033201.D
Acq: 11 Jul 2019 20:03

Instrument :
MSVOA_U
ClientSampleId :
ICVVU071119

Tgt Ion: 43 Resp: 260259
Ion Ratio Lower Upper
43 100
58 57.3 35.8 75.8
57 19.6 0.2 40.2

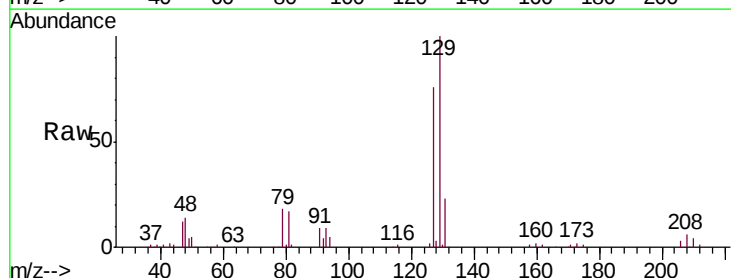


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 57.00 (56.70 to 57.70): VU0

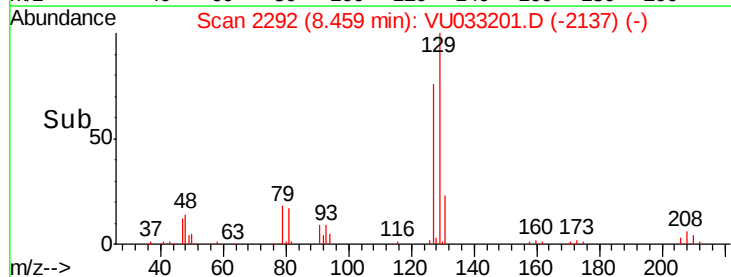
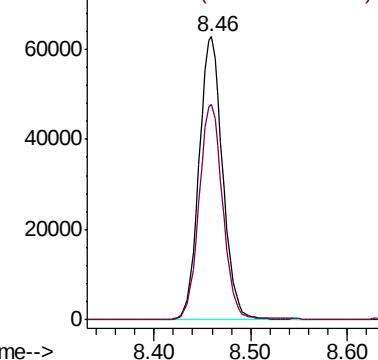


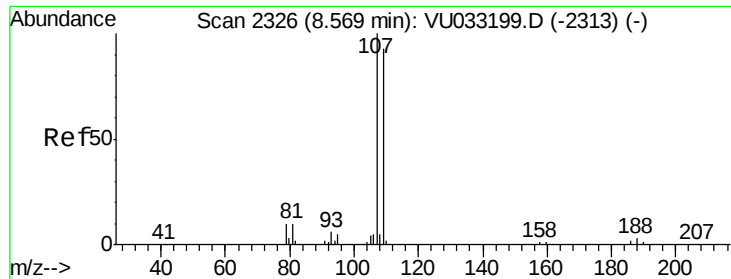
#55
Dibromochloromethane
Concen: 11.244 ug/l
RT: 8.46 min Scan# 2292
Delta R.T. -0.00 min
Lab File: VU033201.D
Acq: 11 Jul 2019 20:03

Tgt Ion: 129 Resp: 106637
Ion Ratio Lower Upper
129 100
127 76.0 62.9 94.3



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





#56

1,2-Dibromoethane

Concen: 11.390 ug/l

RT: 8.57 min Scan# 2326

Delta R.T. -0.00 min

Lab File: VU033201.D

Acq: 11 Jul 2019 20:03

Instrument :

MSVOA_U

ClientSampleId :

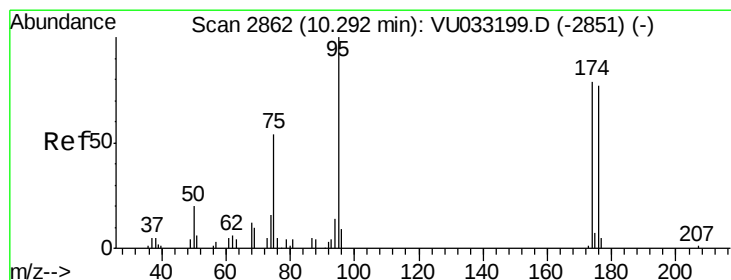
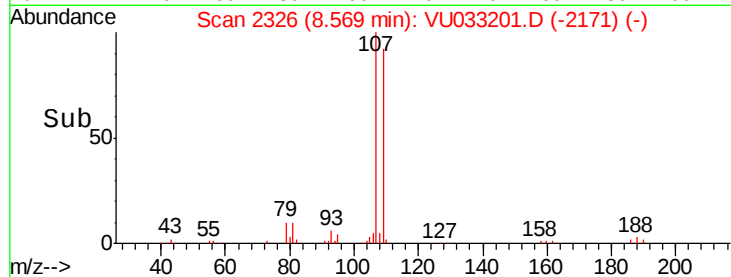
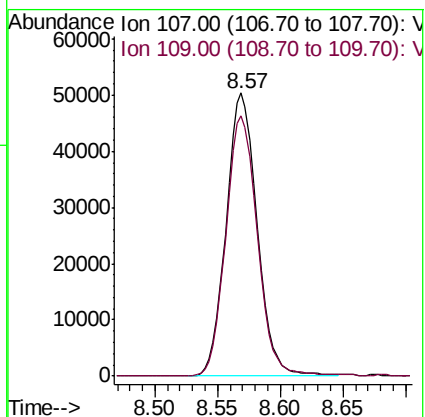
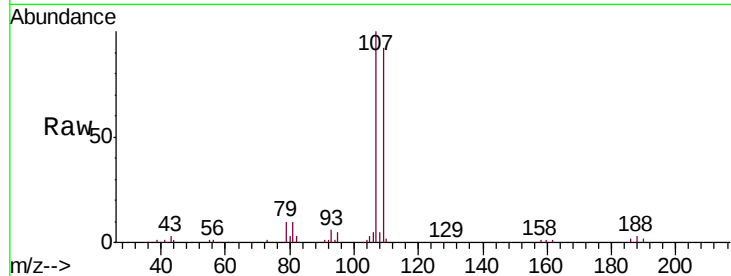
ICVVU071119

Tgt Ion: 107 Resp: 86350

Ion Ratio Lower Upper

107 100

109 94.1 0.0 189.2



#57

4-Bromofluorobenzene

Concen: 1.074 ug/l

RT: 10.29 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VU033201.D

Acq: 11 Jul 2019 20:03

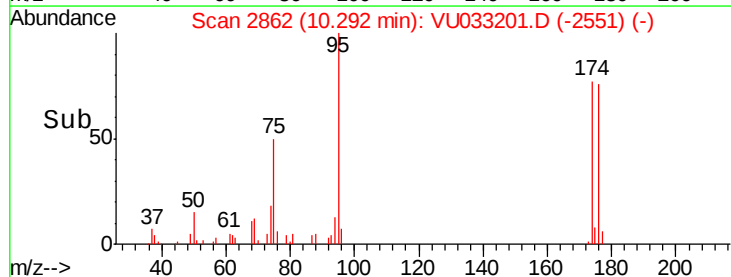
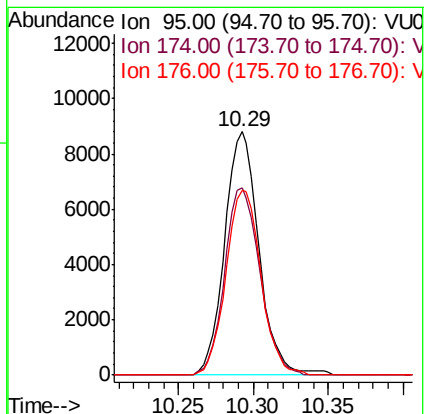
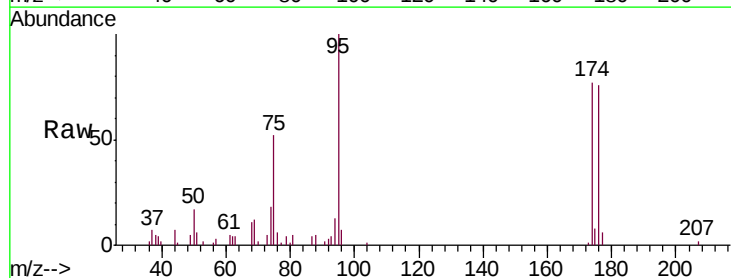
Tgt Ion: 95 Resp: 14053

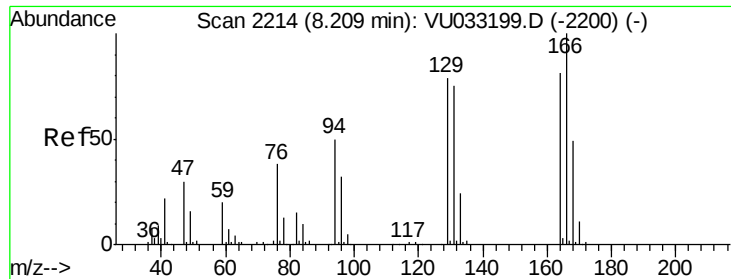
Ion Ratio Lower Upper

95 100

174 79.1 63.8 95.8

176 77.4 64.5 96.7

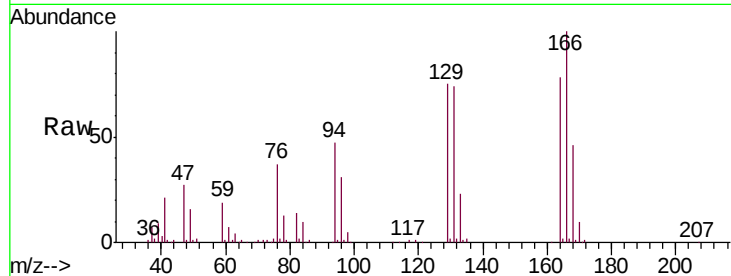




#58
Tetrachloroethene
Concen: 10.950 ug/l
RT: 8.21 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VU033201.D
Acq: 11 Jul 2019 20:03

Instrument :
MSVOA_U
ClientSampleId :
ICVVU071119

Tgt Ion:	164	Resp:	106745
Ion	Ratio	Lower	Upper
164	100		
166	128.8	99.3	148.9
129	96.5	78.0	117.0
131	95.0	74.5	111.7



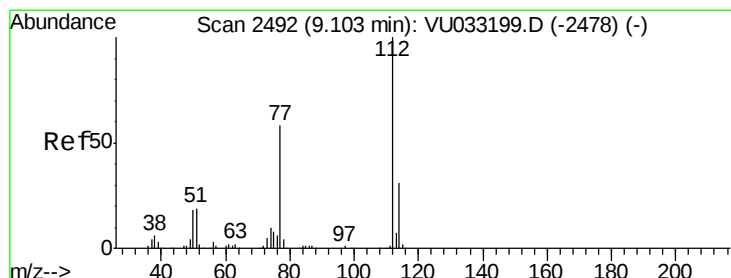
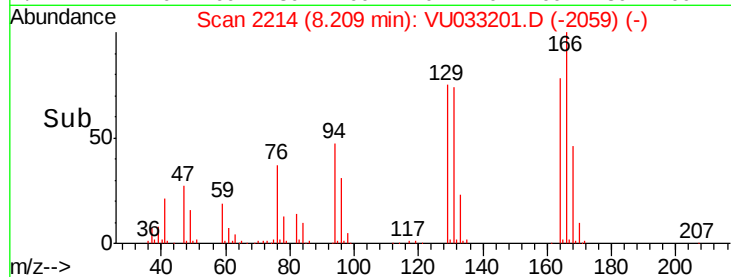
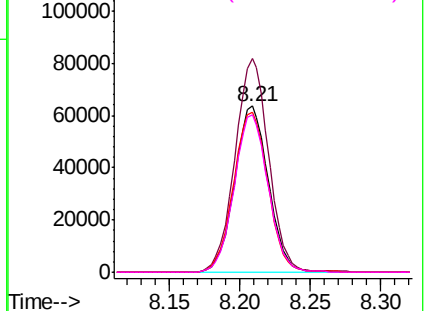
Abundance

Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

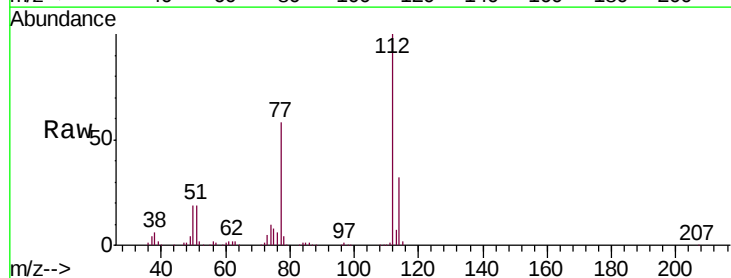
Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#59
Chlorobenzene
Concen: 11.197 ug/l
RT: 9.10 min Scan# 2492
Delta R.T. -0.00 min
Lab File: VU033201.D
Acq: 11 Jul 2019 20:03

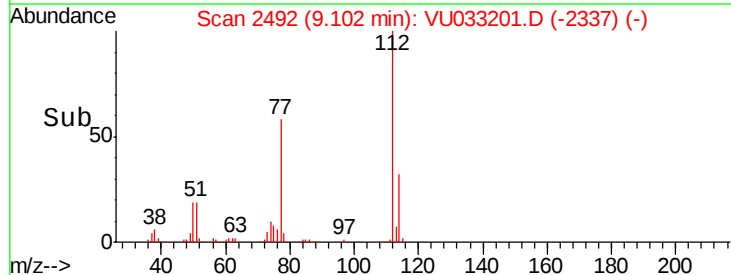
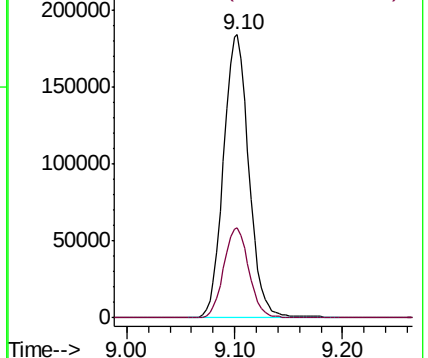
Tgt Ion:	112	Resp:	302929
Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.1	37.7

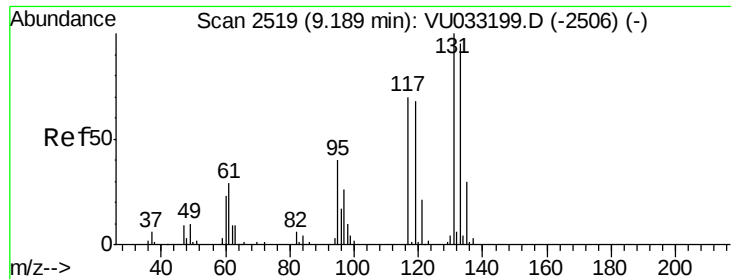


Abundance

Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

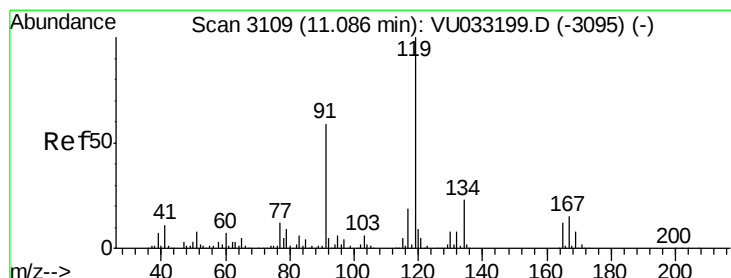
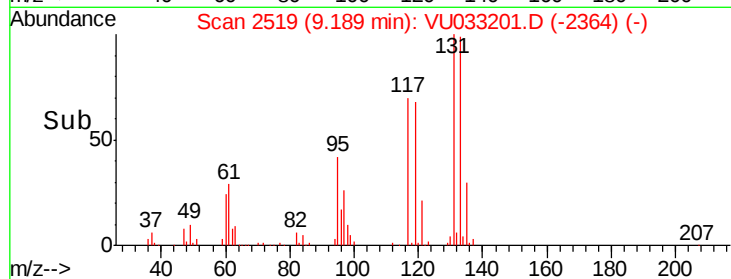
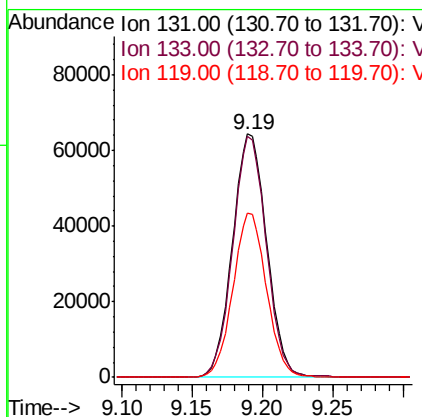
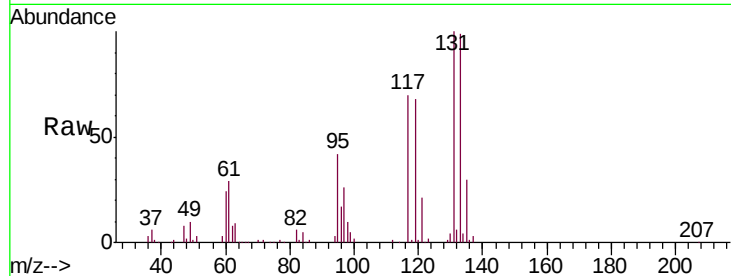




#60
 1,1,1,2-Tetrachloroethane
 Concen: 11.016 ug/l
 RT: 9.19 min Scan# 2519
 Delta R.T. -0.00 min
 Lab File: VU033201.D
 Acq: 11 Jul 2019 20:03

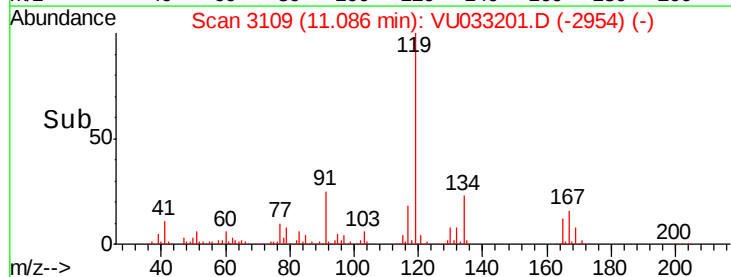
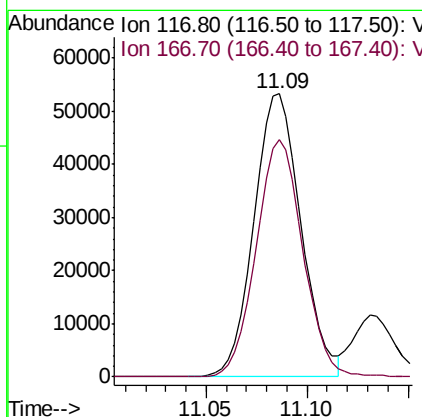
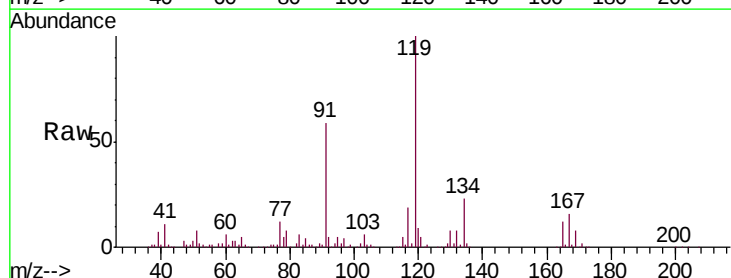
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU071119

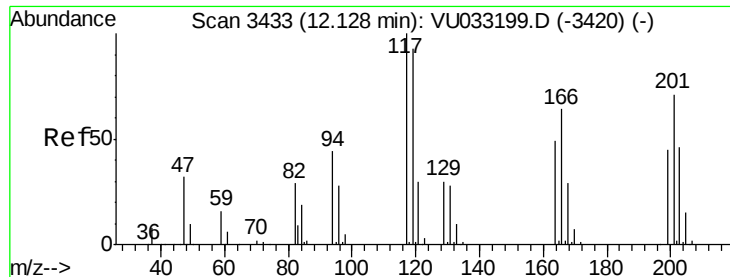
Tgt Ion:131 Resp: 109826
 Ion Ratio Lower Upper
 131 100
 133 97.1 76.7 115.1
 119 66.1 54.2 81.2



#61
 Pentachloroethane
 Concen: 11.067 ug/l
 RT: 11.09 min Scan# 3109
 Delta R.T. -0.00 min
 Lab File: VU033201.D
 Acq: 11 Jul 2019 20:03

Tgt Ion:117 Resp: 86727
 Ion Ratio Lower Upper
 117 100
 167 83.3 63.6 95.4





#62

Hexachloroethane

Concen: 11.453 ug/l

RT: 12.13 min Scan# 3433

Delta R.T. -0.00 min

Lab File: VU033201.D

Acq: 11 Jul 2019 20:03

Instrument :

MSVOA_U

ClientSampleId :

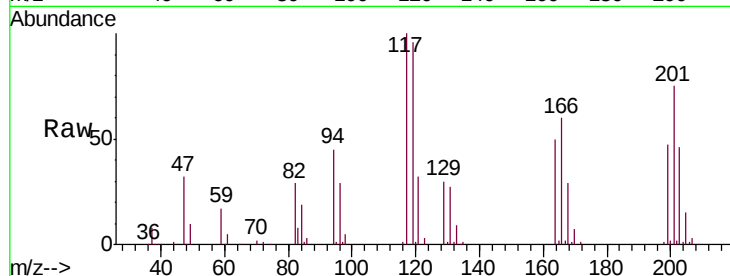
ICVVU071119

Tgt Ion:117 Resp: 87155

Ion Ratio Lower Upper

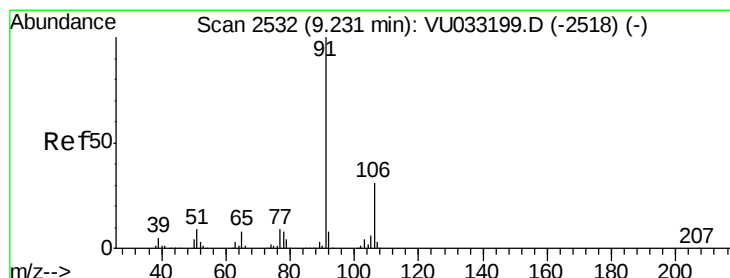
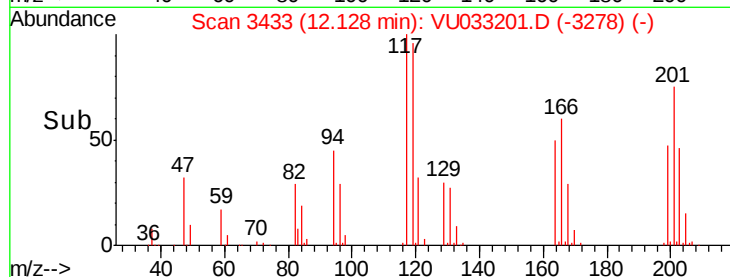
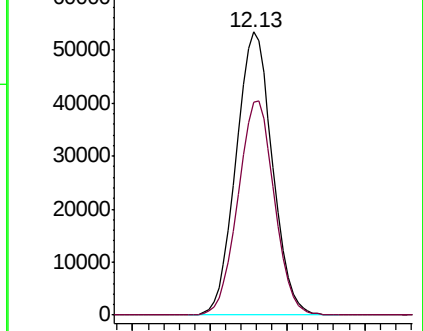
117 100

201 75.8 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: 12.349 ug/l

RT: 9.23 min Scan# 2532

Delta R.T. -0.00 min

Lab File: VU033201.D

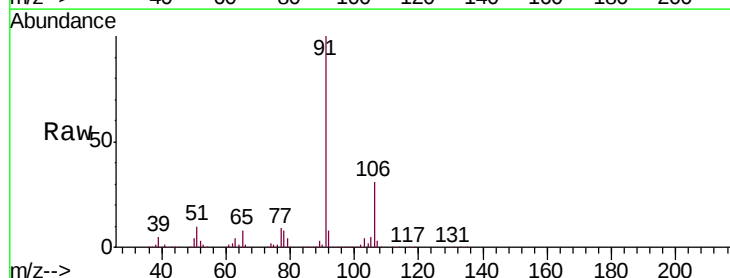
Acq: 11 Jul 2019 20:03

Tgt Ion: 91 Resp: 546289

Ion Ratio Lower Upper

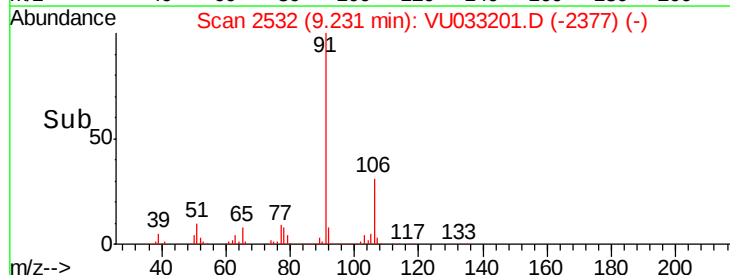
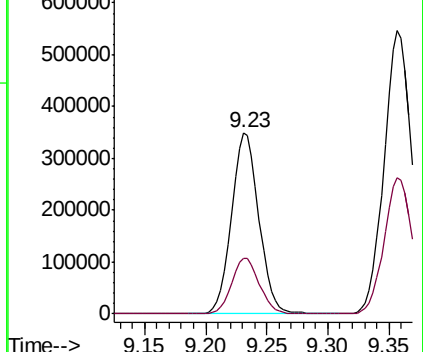
91 100

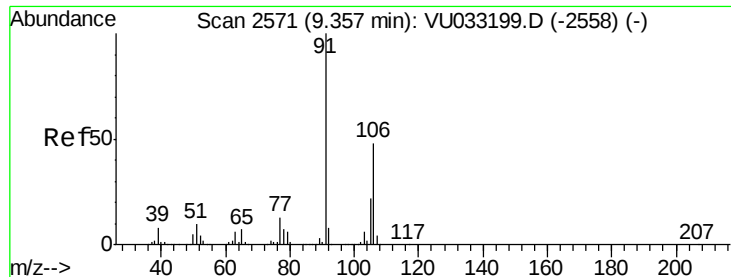
106 31.0 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V





#64

m/p-Xylenes

Concen: 24.734 ug/l

RT: 9.36 min Scan# 2571

Delta R.T. -0.00 min

Lab File: VU033201.D

Acq: 11 Jul 2019 20:03

Instrument :

MSVOA_U

ClientSampleId :

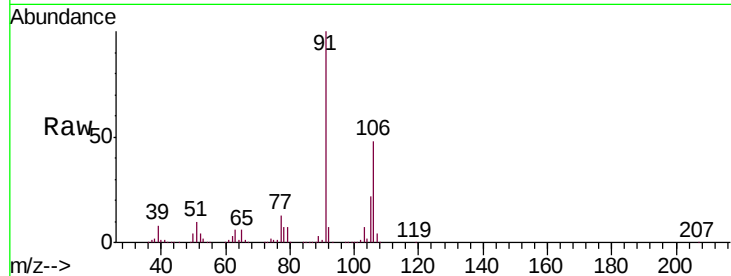
ICVVU071119

Tgt Ion:106 Resp: 427563

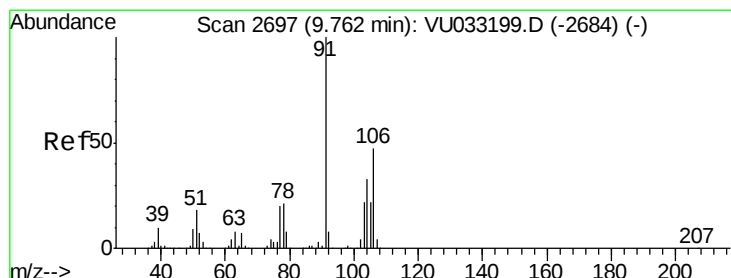
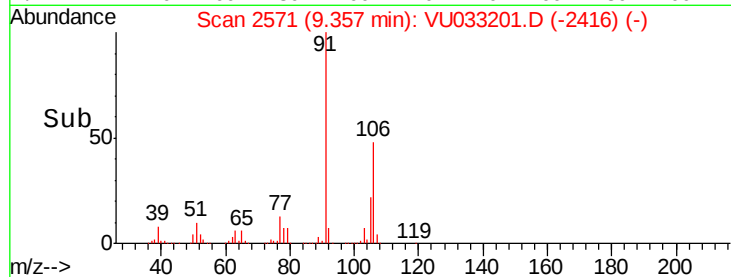
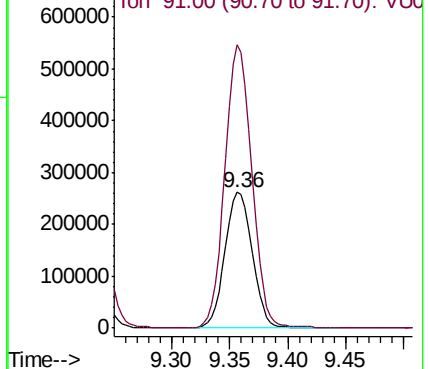
Ion Ratio Lower Upper

106 100

91 204.0 164.8 247.2



Abundance Ion 106.00 (105.70 to 106.70): V



#65

o-Xylene

Concen: 11.911 ug/l

RT: 9.76 min Scan# 2697

Delta R.T. -0.00 min

Lab File: VU033201.D

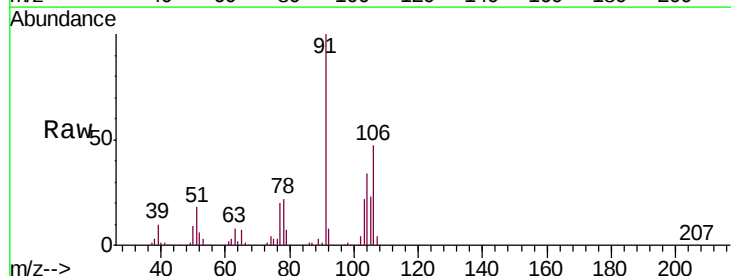
Acq: 11 Jul 2019 20:03

Tgt Ion:106 Resp: 200151

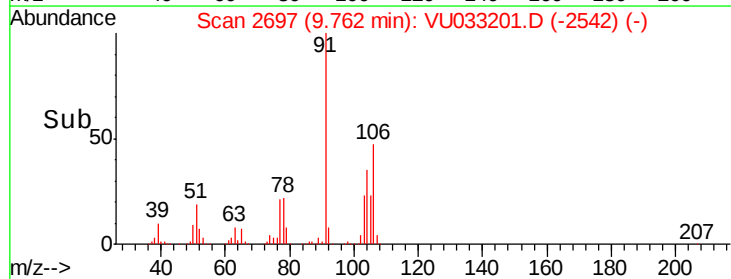
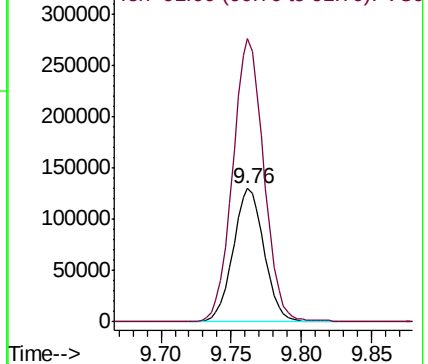
Ion Ratio Lower Upper

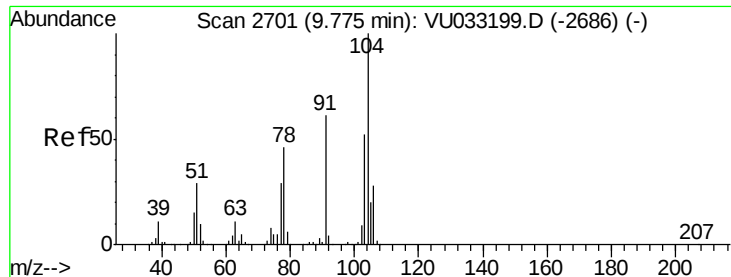
106 100

91 212.8 108.6 325.8



Abundance Ion 106.00 (105.70 to 106.70): V

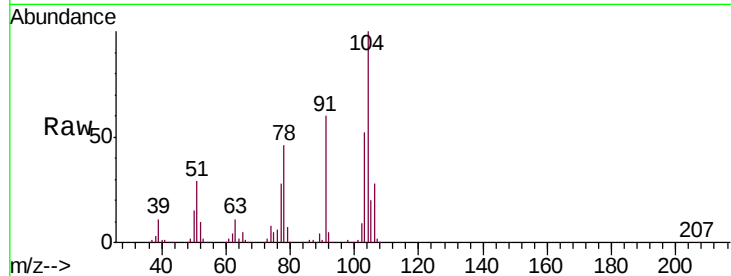




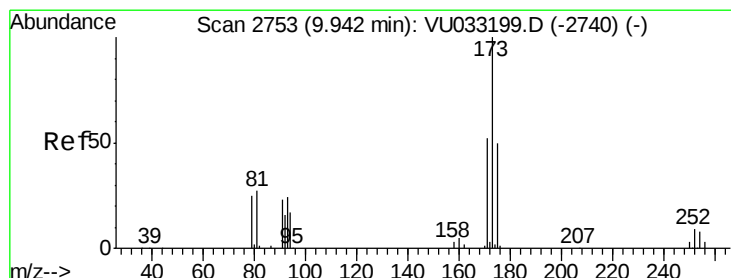
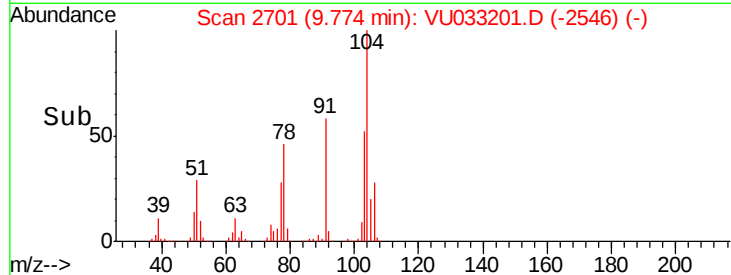
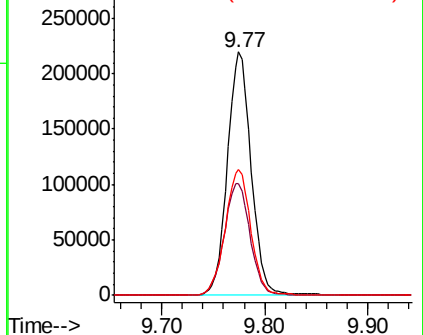
#66
 Styrene
 Concen: 12.469 ug/l
 RT: 9.77 min Scan# 2701
 Delta R.T. -0.00 min
 Lab File: VU033201.D
 Acq: 11 Jul 2019 20:03

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU071119

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.3	40.4	60.6
103	55.7	44.3	66.5

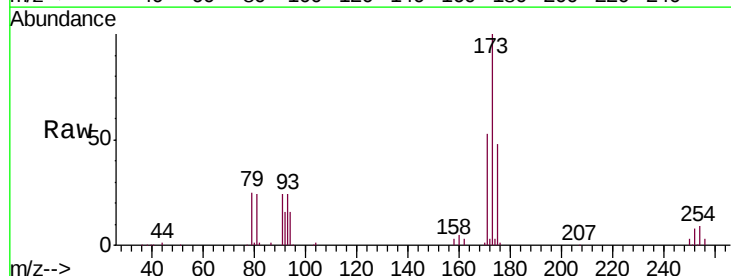


Abundance Ion 104.00 (103.70 to 104.70): V
 Ion 78.00 (77.70 to 78.70): VU0
 Ion 103.00 (102.70 to 103.70): V

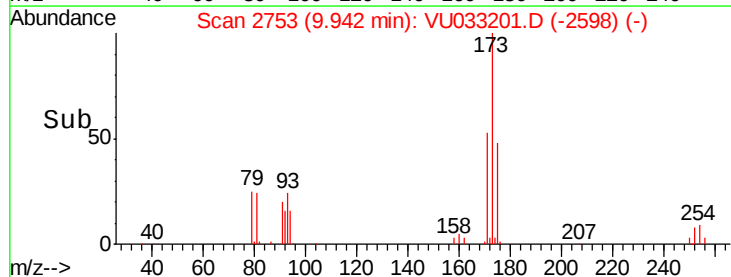
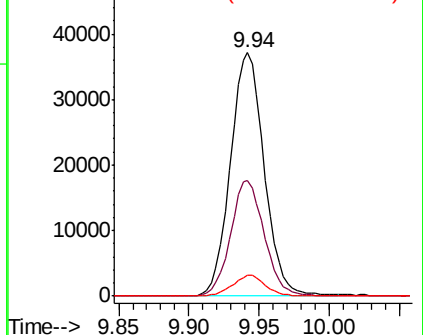


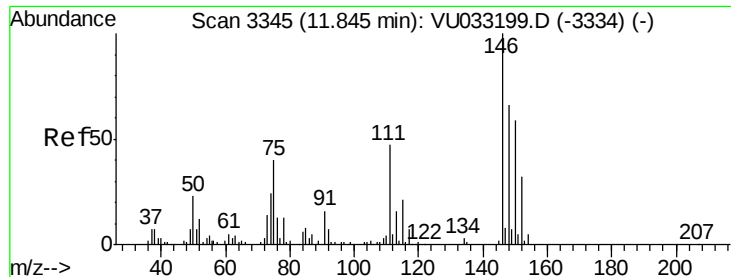
#67
 Bromoform
 Concen: 11.561 ug/l
 RT: 9.94 min Scan# 2753
 Delta R.T. -0.00 min
 Lab File: VU033201.D
 Acq: 11 Jul 2019 20:03

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.2	39.4	59.0
254	8.2	6.9	10.3



Abundance Ion 172.90 (172.60 to 173.60): V
 Ion 174.90 (174.60 to 175.60): V
 Ion 253.75 (253.45 to 254.45): V

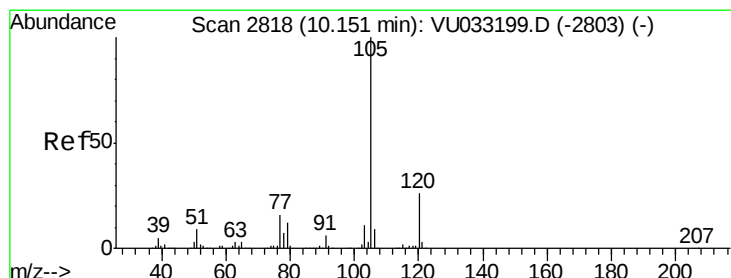
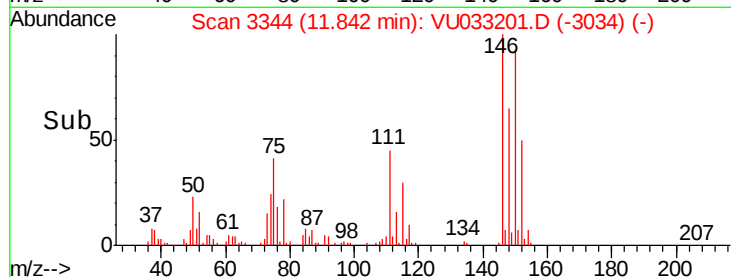
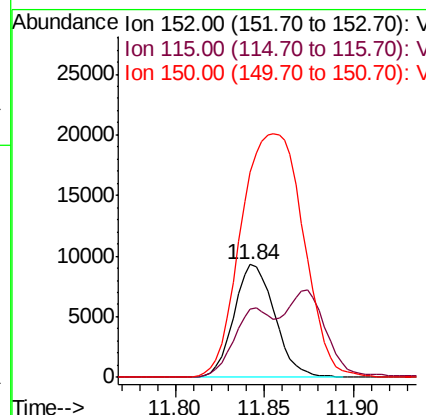
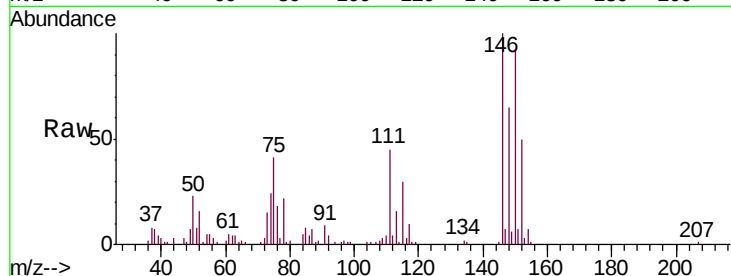




#68
 1,2-Dichlorobenzene-d4
 Concen: 1.041 ug/l
 RT: 11.84 min Scan# 3344
 Delta R.T. -0.00 min
 Lab File: VU033201.D
 Acq: 11 Jul 2019 20:03

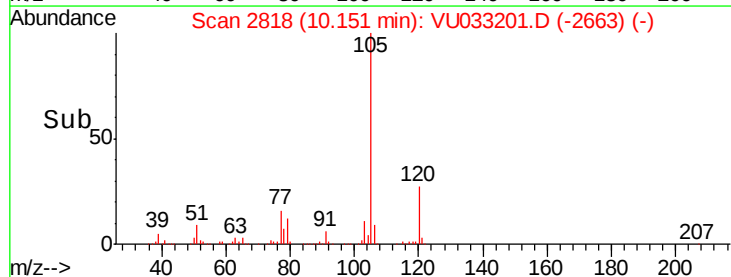
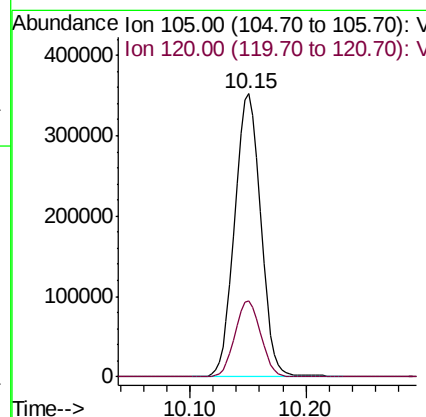
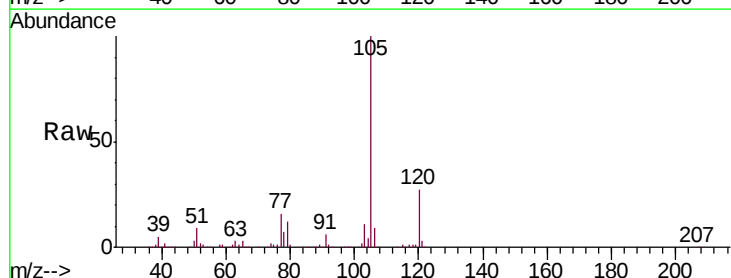
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU071119

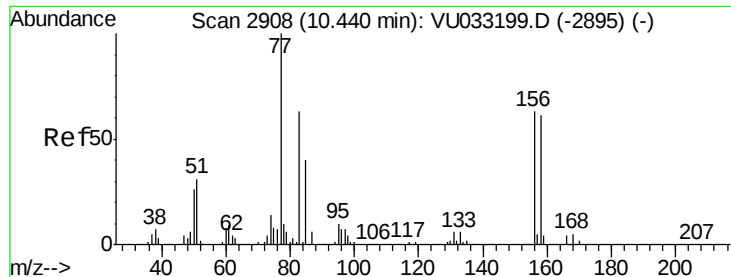
Tgt Ion:152 Resp: 14747
 Ion Ratio Lower Upper
 152 100
 115 56.4 0.0 131.0
 150 333.0 0.0 634.4



#69
 Isopropylbenzene
 Concen: 12.505 ug/l
 RT: 10.15 min Scan# 2818
 Delta R.T. -0.00 min
 Lab File: VU033201.D
 Acq: 11 Jul 2019 20:03

Tgt Ion:105 Resp: 546308
 Ion Ratio Lower Upper
 105 100
 120 26.6 13.2 39.6





#70

1,1,2,2-Tetrachloroethane

Concen: 10.537 ug/l

RT: 10.44 min Scan# 2908

Delta R.T. -0.00 min

Lab File: VU033201.D

Acq: 11 Jul 2019 20:03

Instrument :

MSVOA_U

ClientSampleId :

ICVVU071119

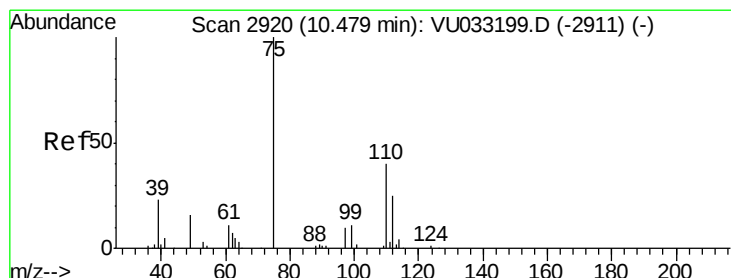
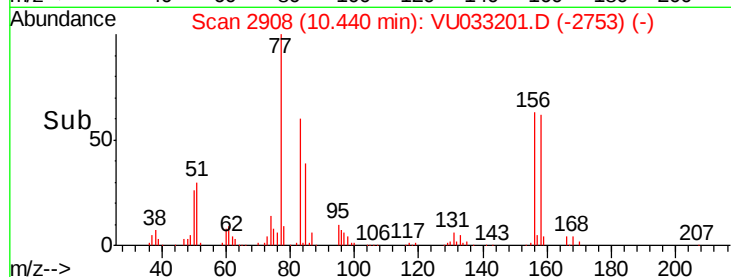
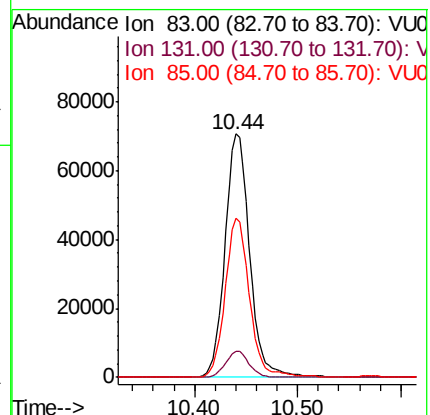
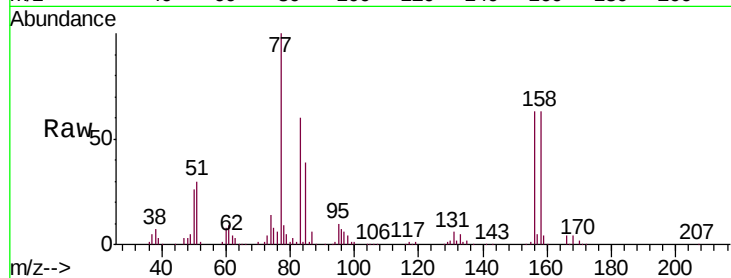
Tgt Ion: 83 Resp: 117555

Ion Ratio Lower Upper

83 100

131 10.1 8.0 12.0

85 64.5 50.6 76.0



#71

1,2,3-Trichloropropane

Concen: 14.423 ug/l

RT: 10.48 min Scan# 2920

Delta R.T. -0.00 min

Lab File: VU033201.D

Acq: 11 Jul 2019 20:03

Tgt Ion: 75 Resp: 120579

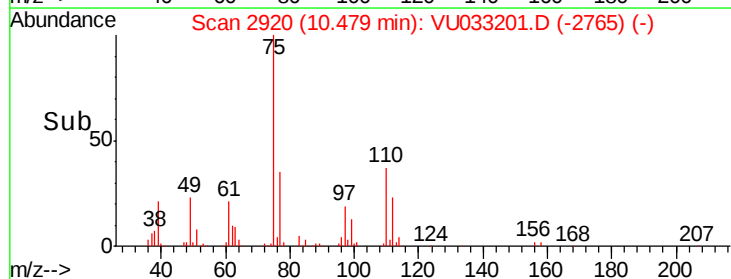
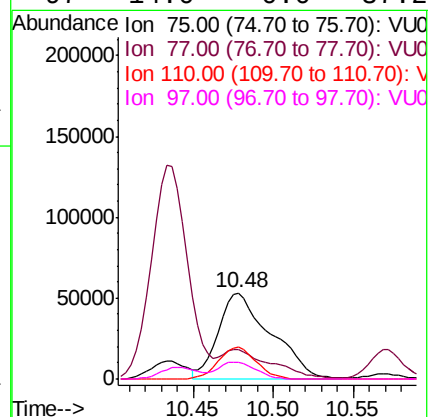
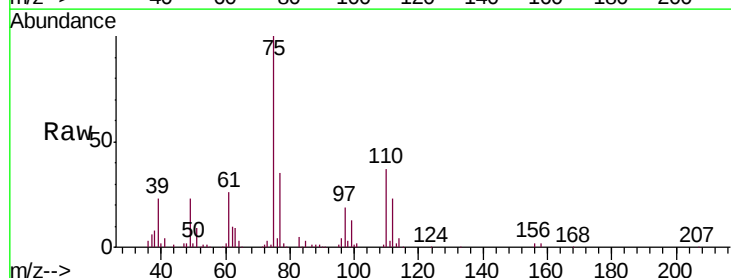
Ion Ratio Lower Upper

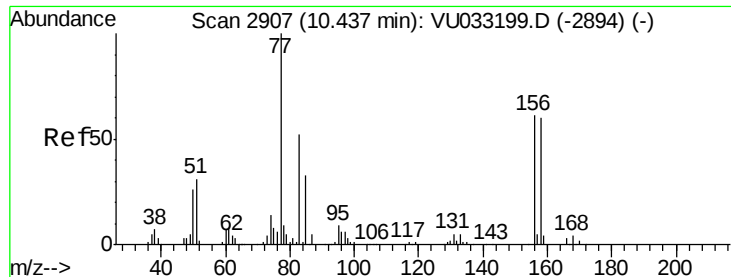
75 100

77 31.0 0.0 15.4#

110 26.7 0.0 72.2

97 14.0 0.0 37.2





#72

Bromobenzene

Concen: 11.624 ug/l

RT: 10.44 min Scan# 2907

Delta R.T. -0.00 min

Lab File: VU033201.D

Acq: 11 Jul 2019 20:03

Instrument :

MSVOA_U

ClientSampleId :

ICVVU071119

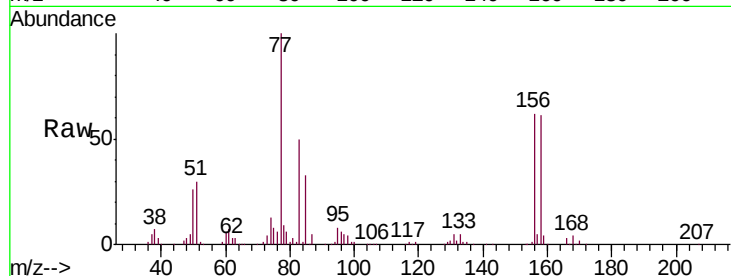
Tgt Ion:156 Resp: 131717

Ion Ratio Lower Upper

156 100

77 160.1 0.0 326.0

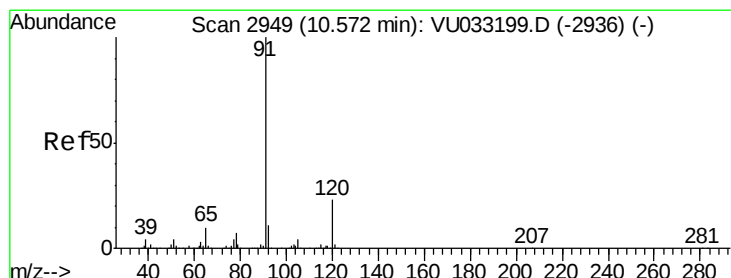
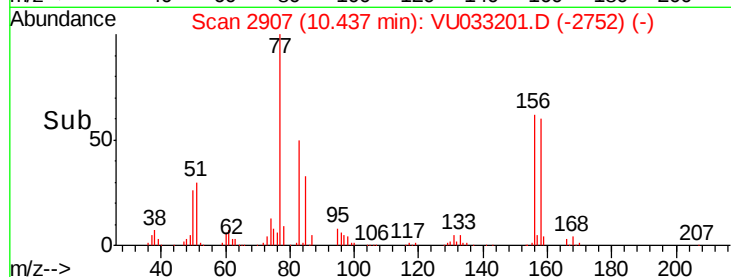
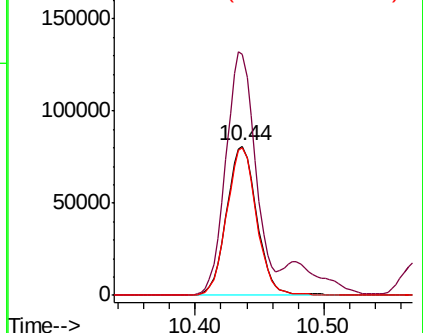
158 97.9 0.0 193.2



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: 12.211 ug/l

RT: 10.57 min Scan# 2949

Delta R.T. -0.00 min

Lab File: VU033201.D

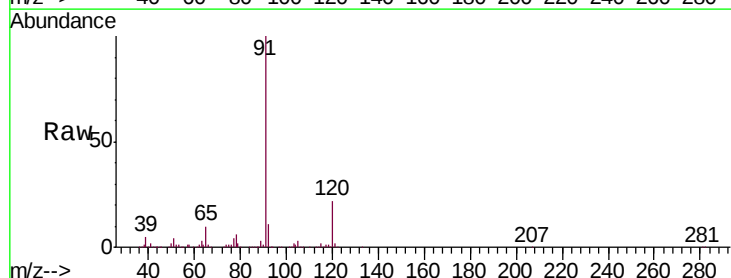
Acq: 11 Jul 2019 20:03

Tgt Ion:120 Resp: 151105

Ion Ratio Lower Upper

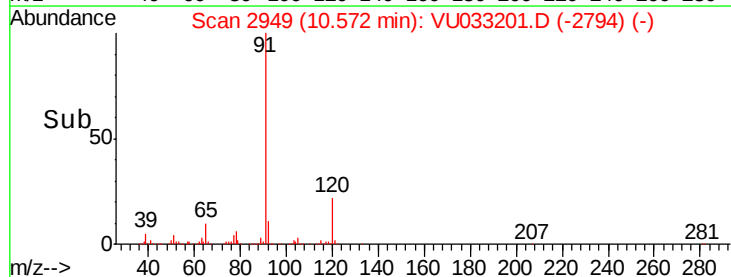
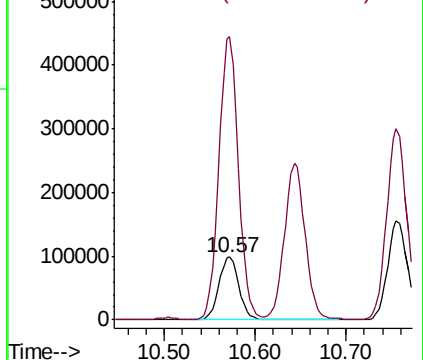
120 100

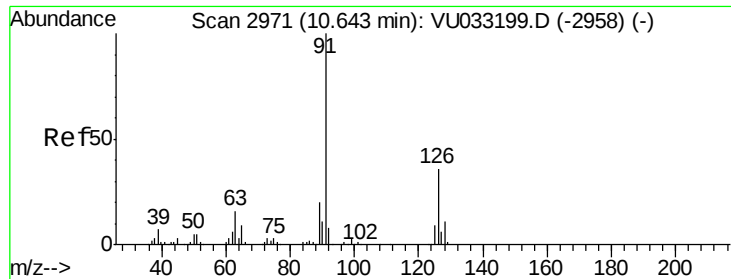
91 437.2 349.0 523.4



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0





#74

2-Chlorotoluene

Concen: 11.618 ug/l

RT: 10.64 min Scan# 2971

Delta R.T. -0.00 min

Lab File: VU033201.D

Acq: 11 Jul 2019 20:03

Instrument :

MSVOA_U

ClientSampleId :

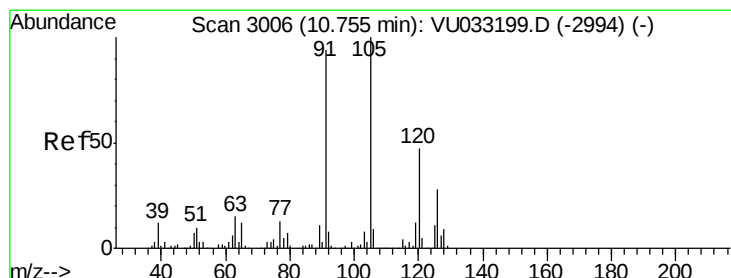
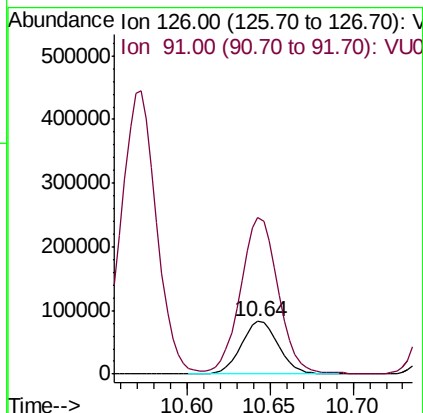
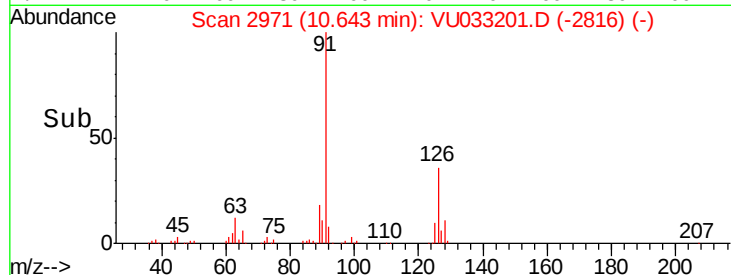
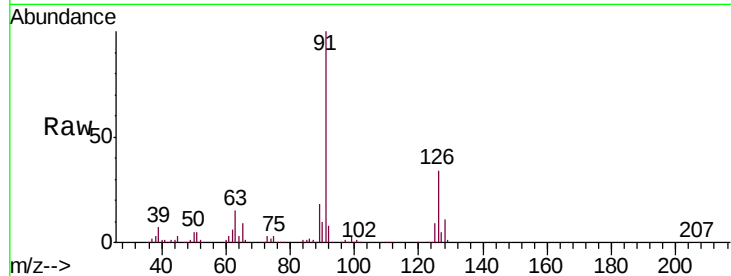
ICVVU071119

Tgt Ion:126 Resp: 129751

Ion Ratio Lower Upper

126 100

91 296.0 0.0 592.2



#75

1,3,5-Trimethylbenzene

Concen: 12.898 ug/l

RT: 10.76 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VU033201.D

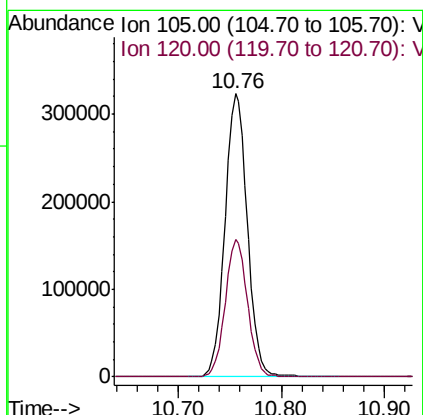
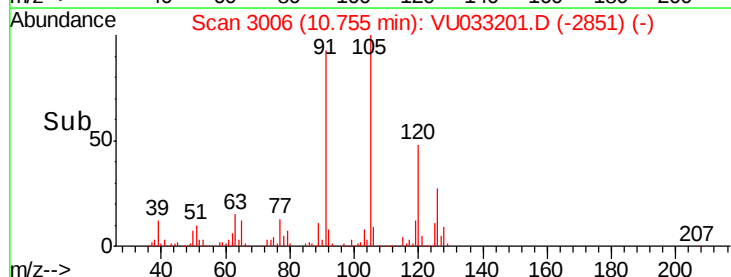
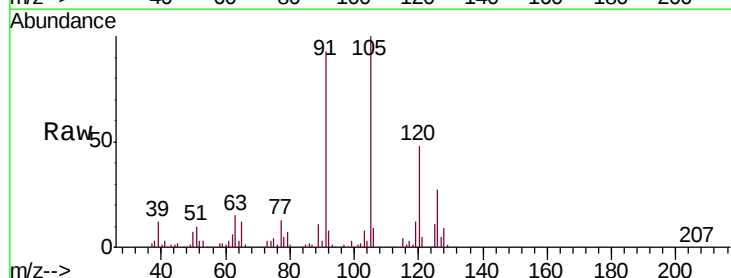
Acq: 11 Jul 2019 20:03

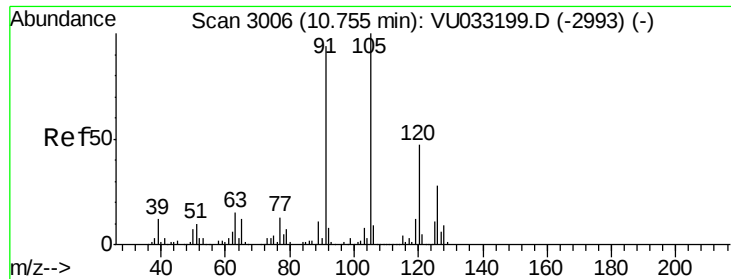
Tgt Ion:105 Resp: 487759

Ion Ratio Lower Upper

105 100

120 48.4 37.8 56.8





#76

4-Chlorotoluene

Concen: 11.944 ug/l

RT: 10.76 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VU033201.D

Acq: 11 Jul 2019 20:03

Instrument :

MSVOA_U

ClientSampleId :

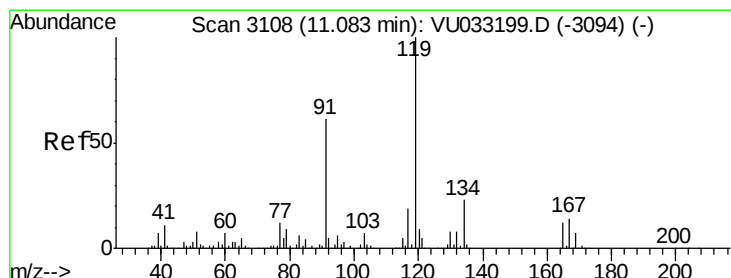
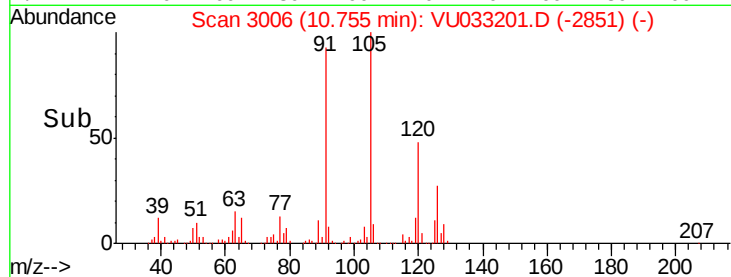
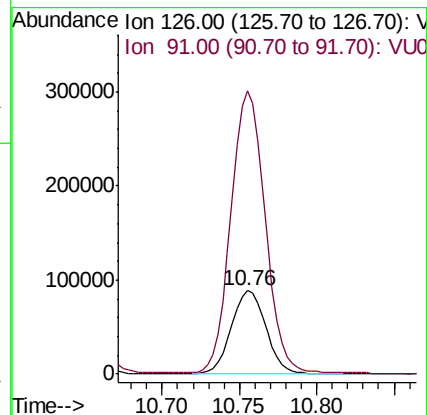
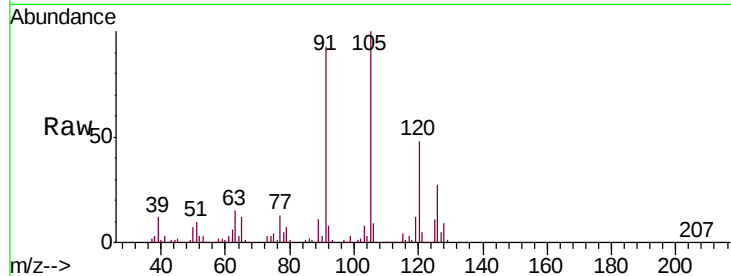
ICVVU071119

Tgt Ion:126 Resp: 136190

Ion Ratio Lower Upper

126 100

91 342.2 0.0 663.4



#77

tert-Butylbenzene

Concen: 12.193 ug/l

RT: 11.08 min Scan# 3108

Delta R.T. -0.00 min

Lab File: VU033201.D

Acq: 11 Jul 2019 20:03

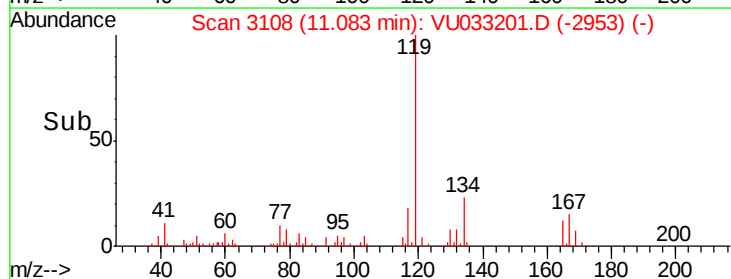
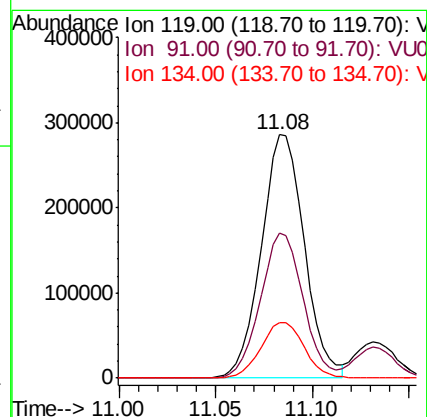
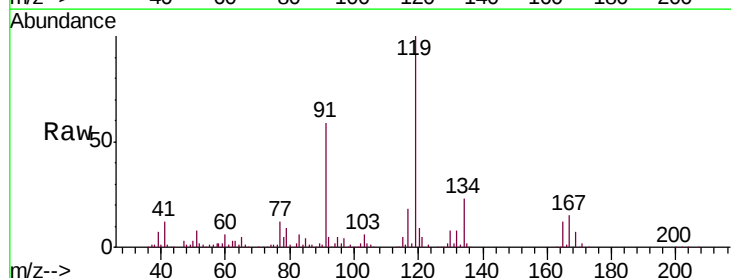
Tgt Ion:119 Resp: 443948

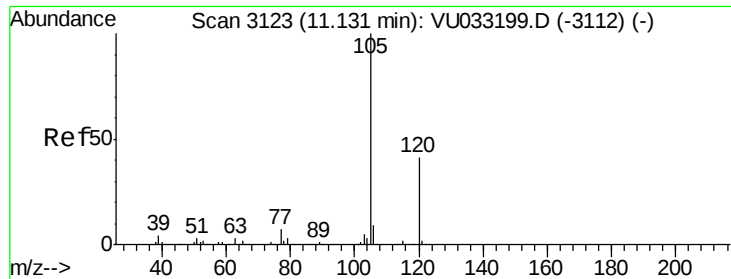
Ion Ratio Lower Upper

119 100

91 58.8 29.8 89.5

134 23.2 18.2 27.4

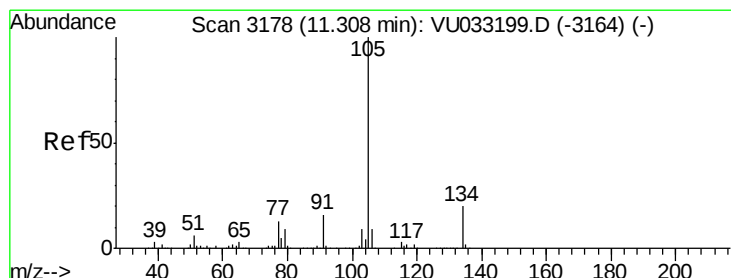
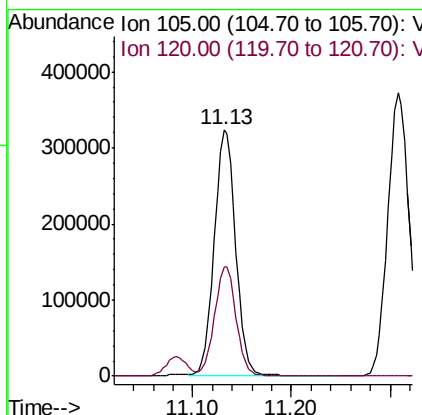
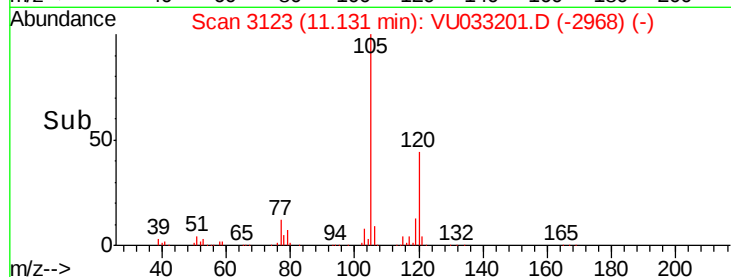
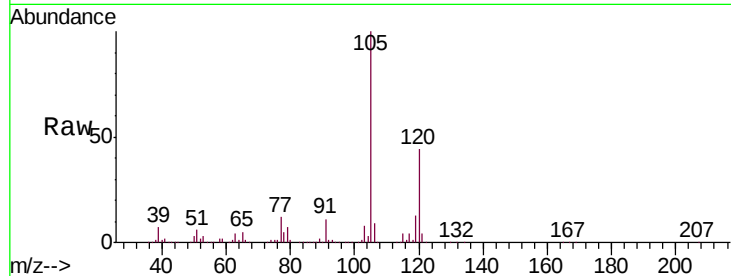




#78
 1,2,4-Trimethylbenzene
 Concen: 12.722 ug/l
 RT: 11.13 min Scan# 3123
 Delta R.T. -0.00 min
 Lab File: VU033201.D
 Acq: 11 Jul 2019 20:03

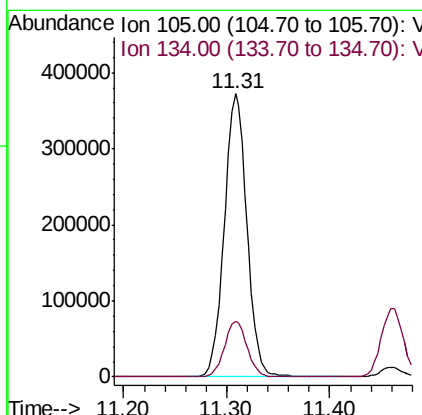
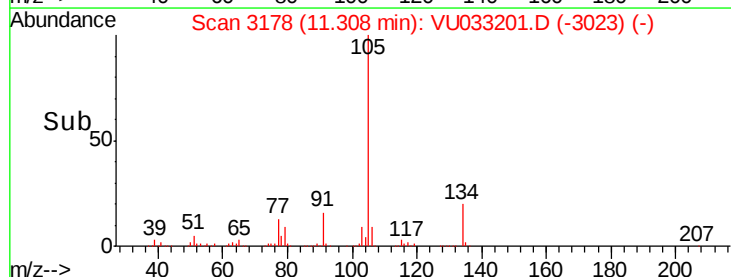
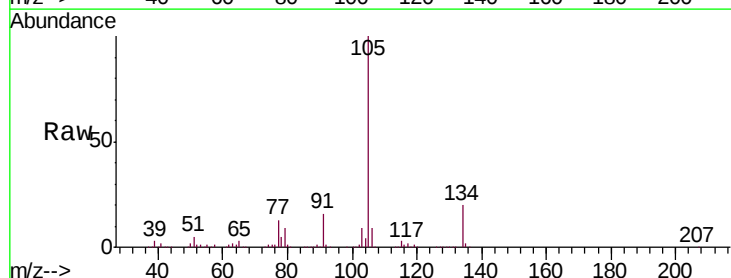
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU071119

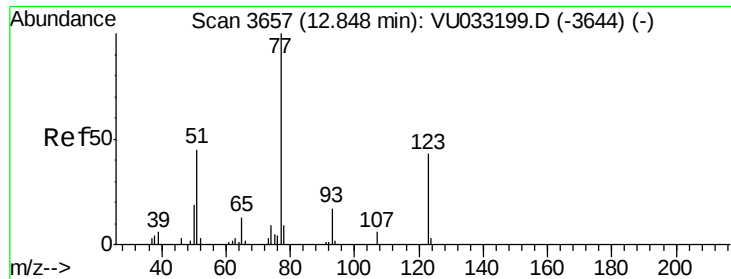
Tgt Ion:105 Resp: 491612
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.6 67.8



#79
 sec-Butylbenzene
 Concen: 11.281 ug/l
 RT: 11.31 min Scan# 3178
 Delta R.T. -0.00 min
 Lab File: VU033201.D
 Acq: 11 Jul 2019 20:03

Tgt Ion:105 Resp: 563741
 Ion Ratio Lower Upper
 105 100
 134 19.9 15.8 23.8





#80

Nitrobenzene

Concen: 12.054 ug/l

RT: 12.85 min Scan# 3658

Delta R.T. 0.00 min

Lab File: VU033201.D

Acq: 11 Jul 2019 20:03

Instrument :

MSVOA_U

ClientSampleId :

ICVVU071119

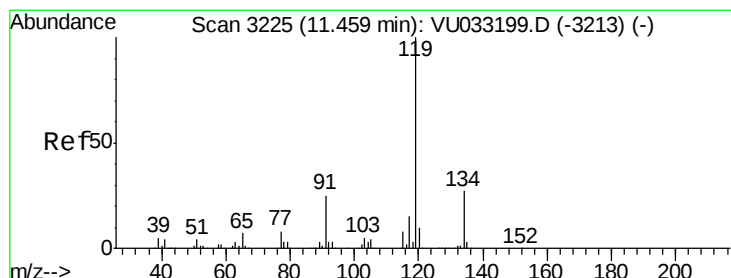
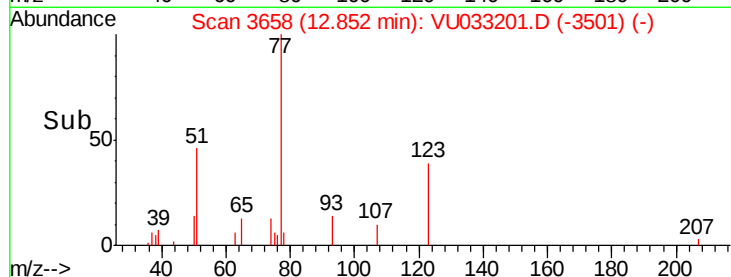
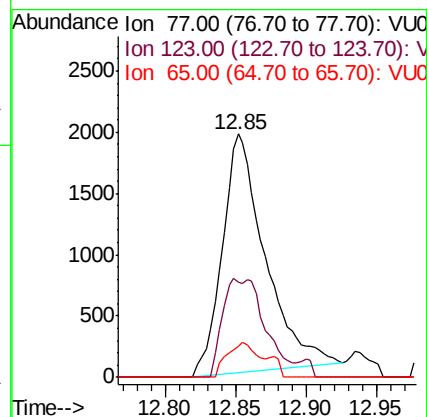
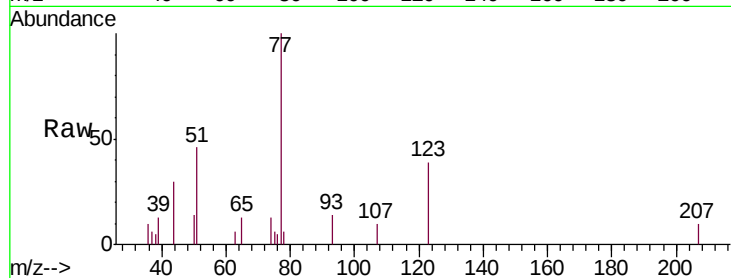
Tgt Ion: 77 Resp: 4132

Ion Ratio Lower Upper

77 100

123 35.7 20.9 74.1

65 0.0 10.7 13.7#



#81

p-Isopropyltoluene

Concen: 12.758 ug/l

RT: 11.46 min Scan# 3225

Delta R.T. -0.00 min

Lab File: VU033201.D

Acq: 11 Jul 2019 20:03

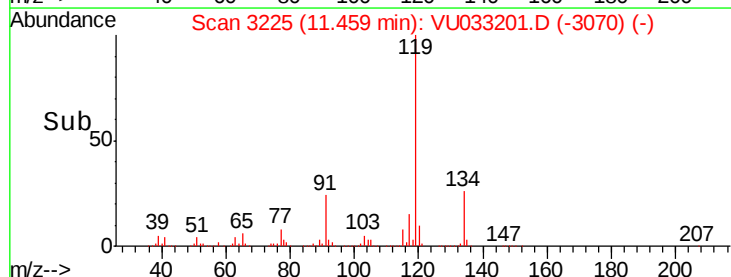
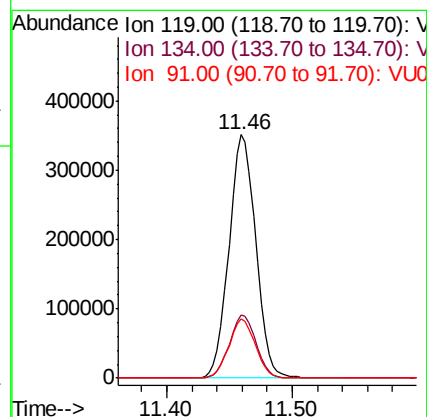
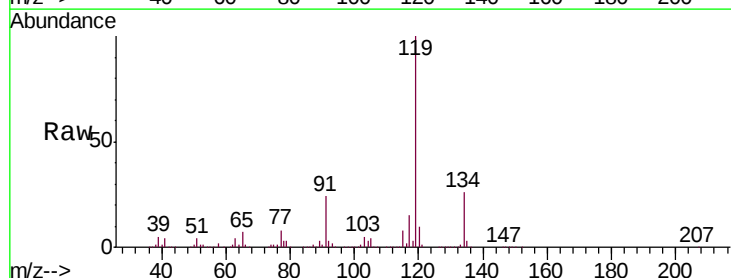
Tgt Ion: 119 Resp: 518470

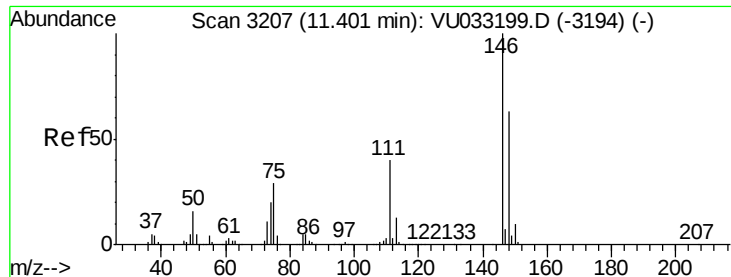
Ion Ratio Lower Upper

119 100

134 26.0 21.1 31.7

91 24.1 19.7 29.5

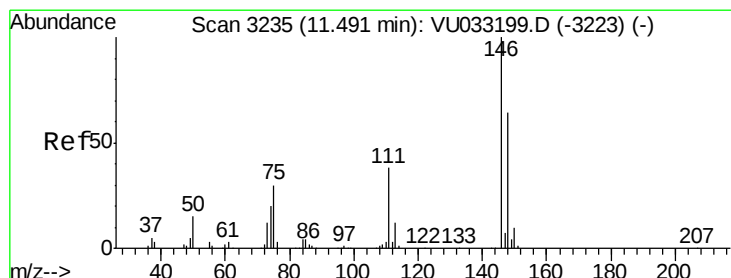
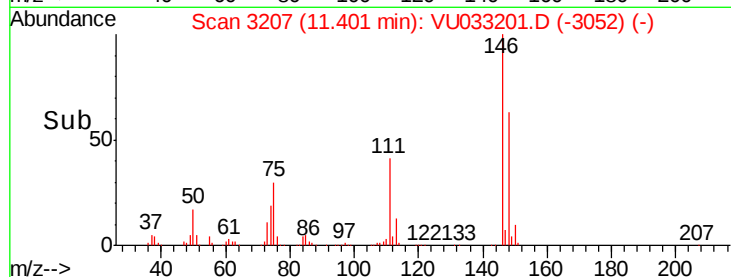
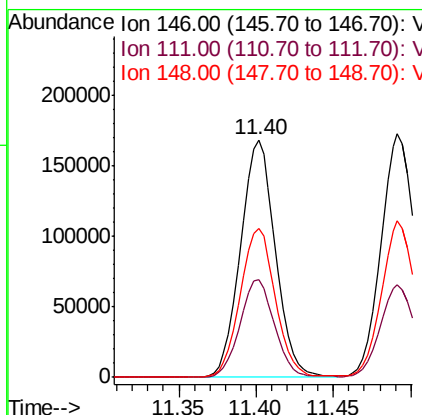
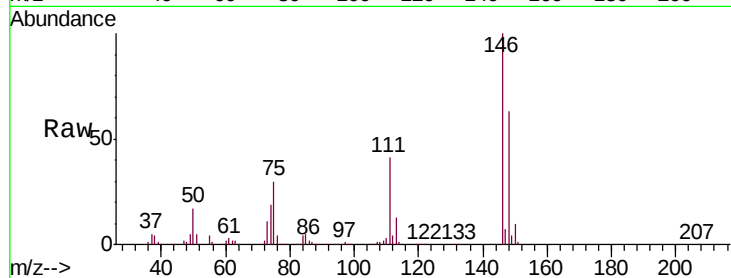




#82
 1,3-Dichlorobenzene
 Concen: 11.296 ug/l
 RT: 11.40 min Scan# 3207
 Delta R.T. -0.00 min
 Lab File: VU033201.D
 Acq: 11 Jul 2019 20:03

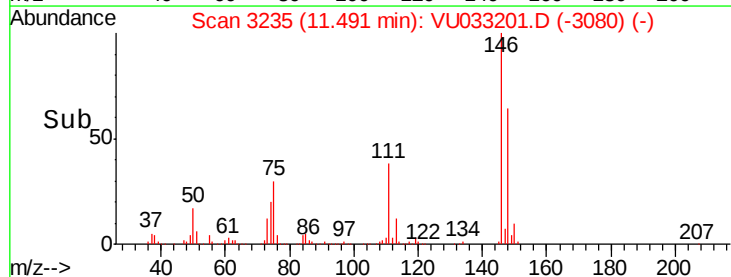
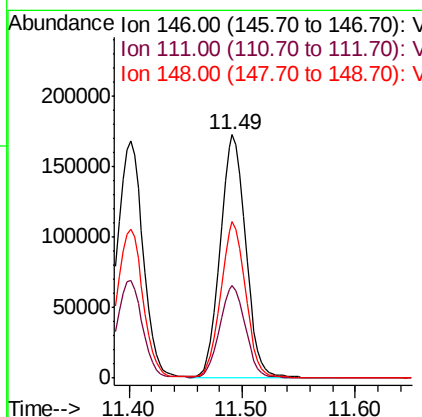
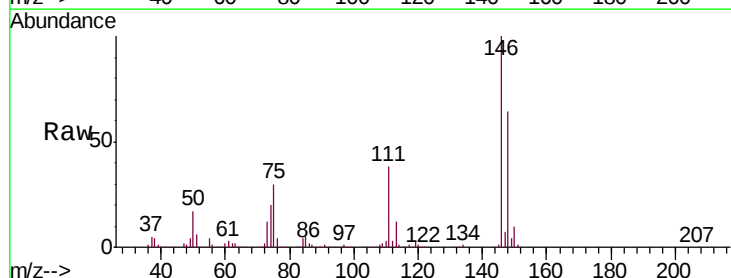
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU071119

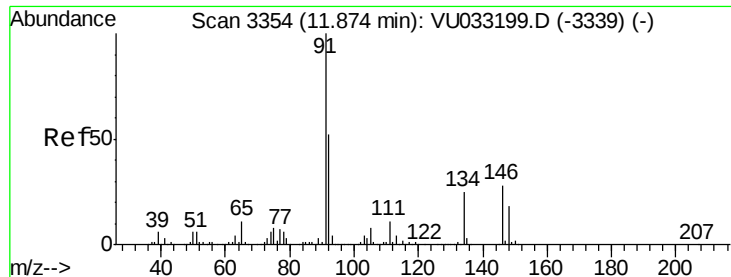
Tgt Ion:146 Resp: 264136
 Ion Ratio Lower Upper
 146 100
 111 41.0 32.2 48.4
 148 63.3 50.8 76.2



#83
 1,4-Dichlorobenzene
 Concen: 11.514 ug/l
 RT: 11.49 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: VU033201.D
 Acq: 11 Jul 2019 20:03

Tgt Ion:146 Resp: 271075
 Ion Ratio Lower Upper
 146 100
 111 37.7 30.8 46.2
 148 63.2 50.6 76.0

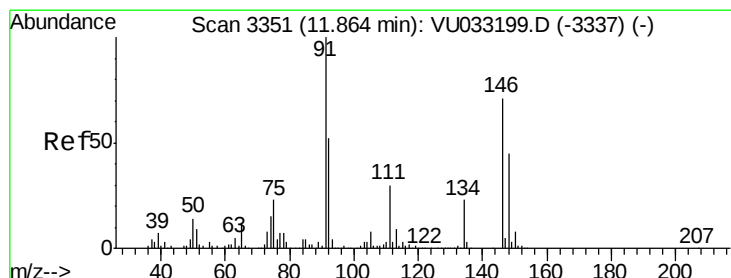
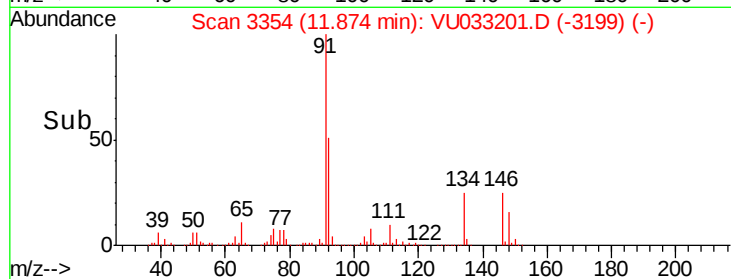
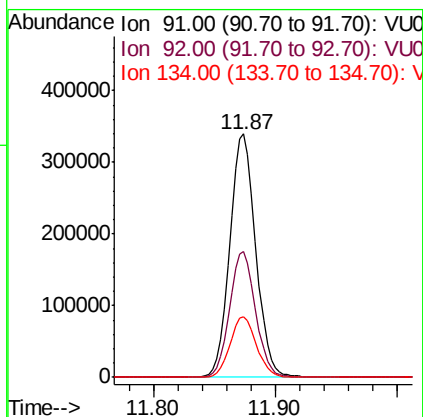
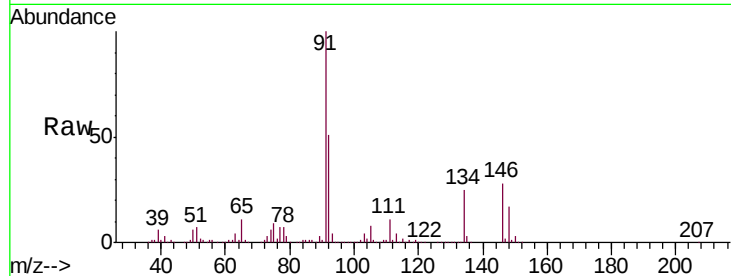




#84
n-Butylbenzene
Concen: 12.468 ug/l
RT: 11.87 min Scan# 3354
Delta R.T. -0.00 min
Lab File: VU033201.D
Acq: 11 Jul 2019 20:03

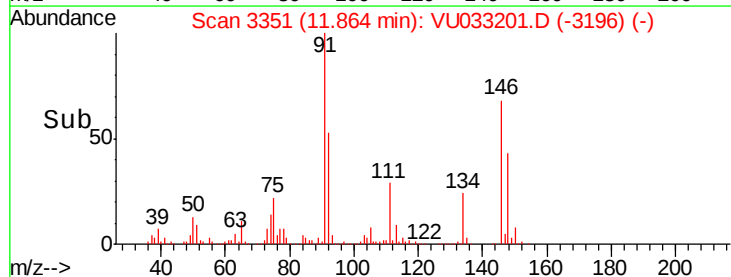
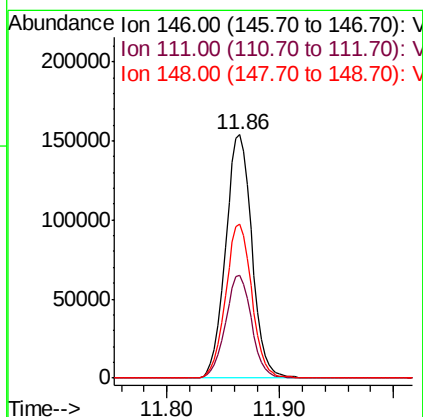
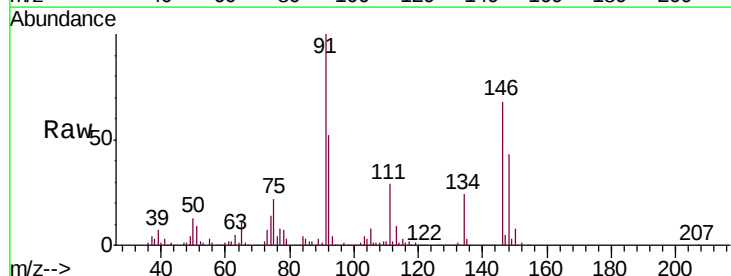
Instrument :
MSVOA_U
ClientSampleId :
ICVVU071119

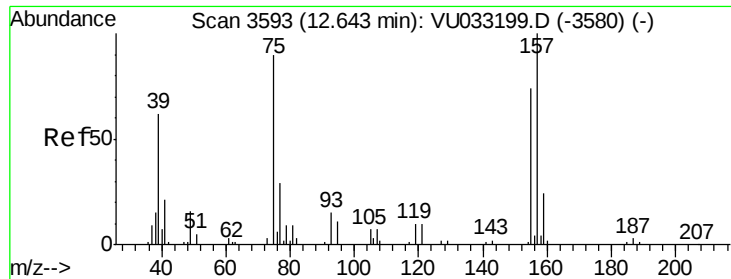
Tgt Ion: 91 Resp: 504965
Ion Ratio Lower Upper
91 100
92 51.6 41.5 62.3
134 25.3 19.6 29.4



#85
1,2-Dichlorobenzene
Concen: 11.140 ug/l
RT: 11.86 min Scan# 3351
Delta R.T. -0.00 min
Lab File: VU033201.D
Acq: 11 Jul 2019 20:03

Tgt Ion: 146 Resp: 249174
Ion Ratio Lower Upper
146 100
111 41.9 21.3 63.7
148 63.3 32.0 96.0

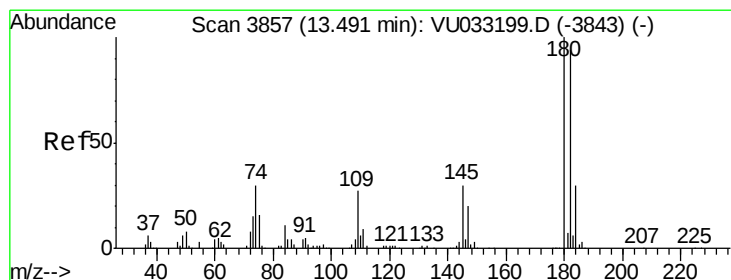
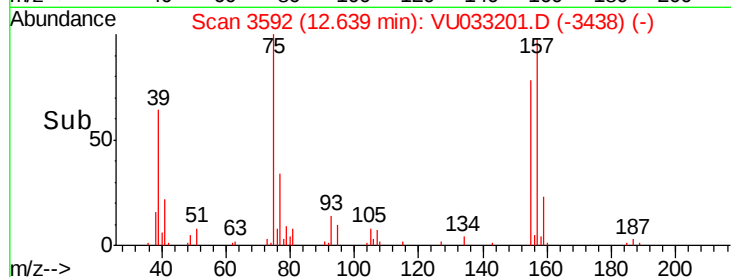
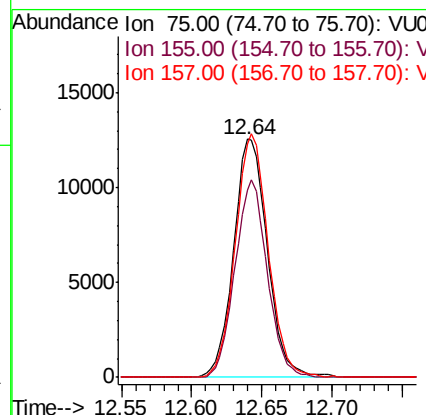
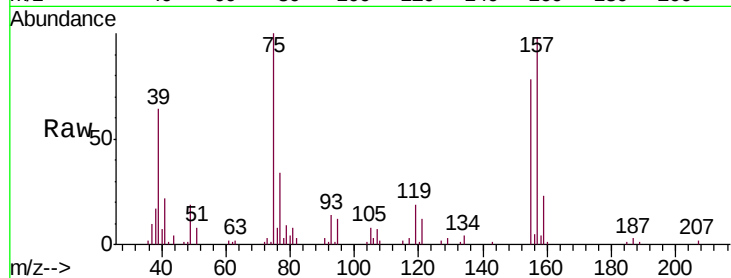




#86
 1,2-Dibromo-3-Chloropropane
 Concen: 11.949 ug/l
 RT: 12.64 min Scan# 3592
 Delta R.T. -0.00 min
 Lab File: VU033201.D
 Acq: 11 Jul 2019 20:03

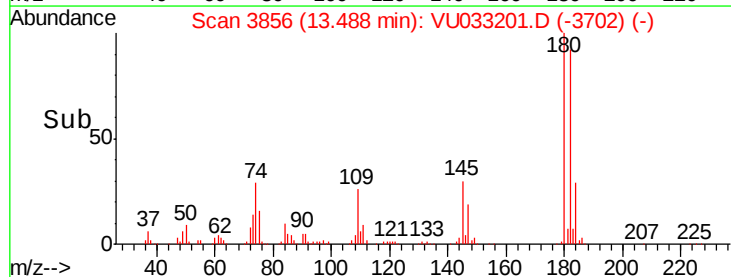
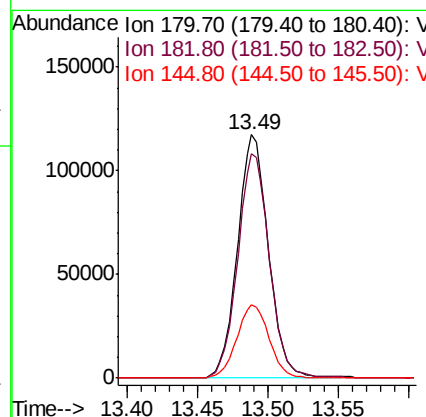
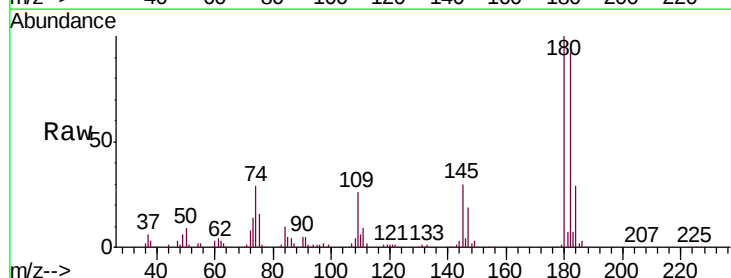
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU071119

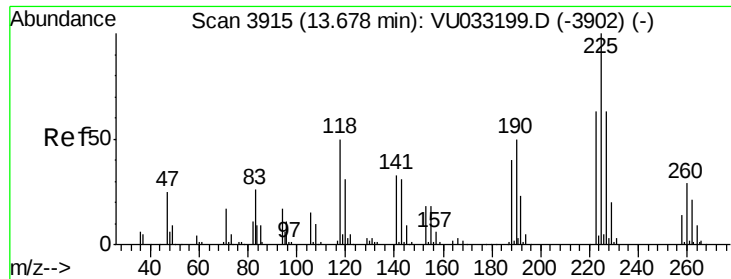
Tgt Ion: 75 Resp: 21114
 Ion Ratio Lower Upper
 75 100
 155 78.8 60.6 90.8
 157 99.2 82.5 123.7



#87
 1,2,4-Trichlorobenzene
 Concen: 13.089 ug/l
 RT: 13.49 min Scan# 3856
 Delta R.T. -0.00 min
 Lab File: VU033201.D
 Acq: 11 Jul 2019 20:03

Tgt Ion: 180 Resp: 180249
 Ion Ratio Lower Upper
 180 100
 182 94.5 75.4 113.2
 145 31.3 24.5 36.7

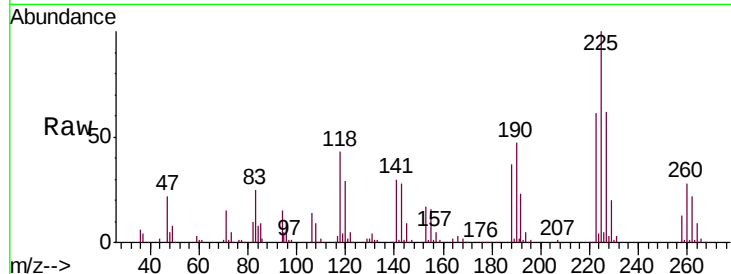




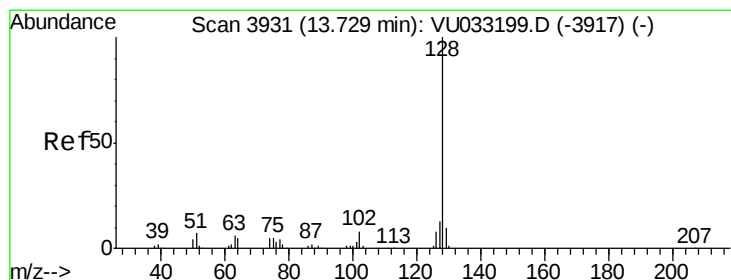
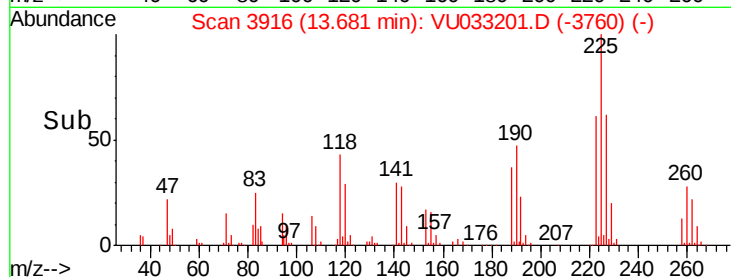
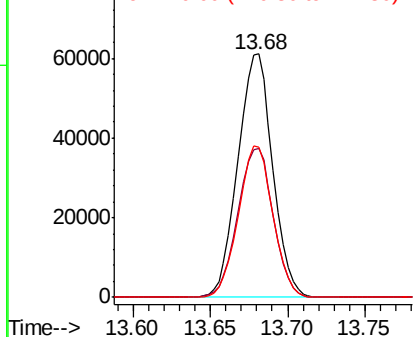
#88
Hexachlorobutadiene
Concen: 12.005 ug/l
RT: 13.68 min Scan# 3916
Delta R.T. 0.00 min
Lab File: VU033201.D
Acq: 11 Jul 2019 20:03

Instrument :
MSVOA_U
ClientSampleId :
ICVVU071119

Tgt Ion: 225 Resp: 95503
Ion Ratio Lower Upper
225 100
223 62.4 51.1 76.7
227 61.9 51.2 76.8

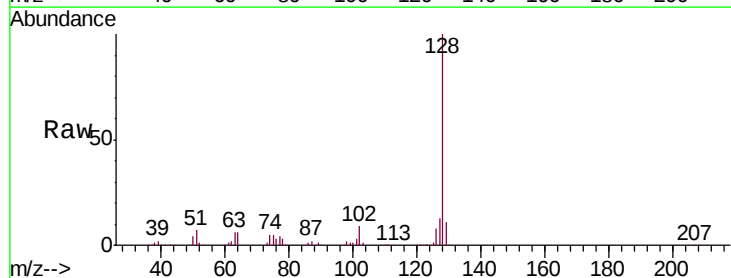


Abundance Ion 224.60 (224.30 to 225.30): V
Ion 222.60 (222.30 to 223.30): V
Ion 226.60 (226.30 to 227.30): V

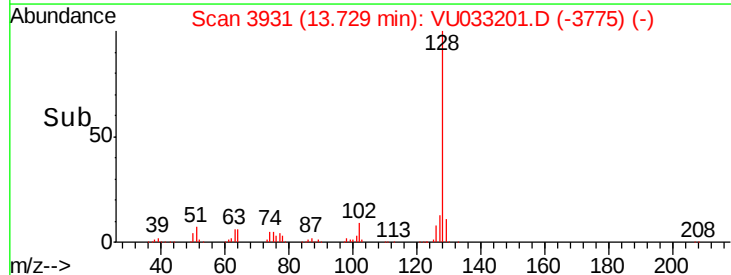
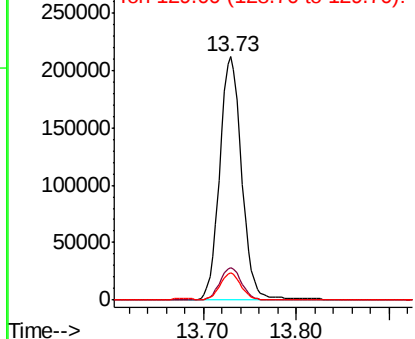


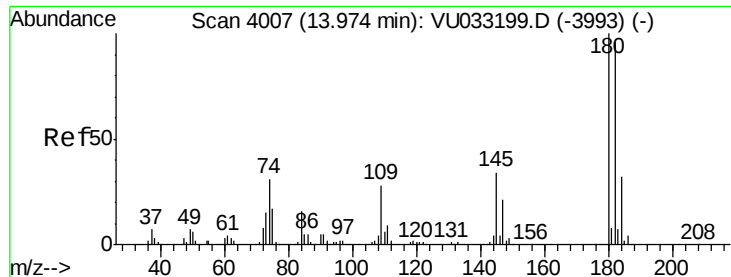
#89
Naphthalene
Concen: 11.229 ug/l
RT: 13.73 min Scan# 3931
Delta R.T. 0.00 min
Lab File: VU033201.D
Acq: 11 Jul 2019 20:03

Tgt Ion: 128 Resp: 350797
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.8 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

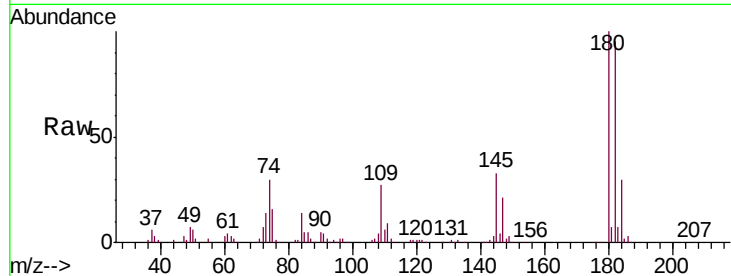




#90
 1,2,3-Trichlorobenzene
 Concen: 12.880 ug/l
 RT: 13.97 min Scan# 4007
 Delta R.T. -0.00 min
 Lab File: VU033201.D
 Acq: 11 Jul 2019 20:03

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU071119

Tgt Ion	Resp	Lower	Upper
180	169426		
182	94.7	76.2	114.4
145	32.0	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

