

Data File : VU034472.D
Acq On : 11 Sep 2019 12:28
Operator : JC/SP
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU091119

Quant Time: Sep 12 03:47:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U091119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Sep 12 02:53:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.72	96	69528	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.29	95	28261	1.05	ug/l	0.00
Spiked Amount 1.000			Recovery	=	105.00%	
68) 1,2-Dichlorobenzene-d4	11.84	152	28413	0.98	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	138172	5.429	ug/l 98
3) Chloromethane	1.33	50	149327	5.332	ug/l 99
4) Vinyl Chloride	1.40	62	164492	5.979	ug/l 100
5) Bromomethane	1.62	94	99580	6.211	ug/l 98
6) Chloroethane	1.69	64	107756	6.758	ug/l 99
7) Trichlorofluoromethane	1.88	101	251209	7.422	ug/l 99
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	160777	8.756	ug/l 100
9) 1,1-Dichloroethene	2.28	96	144109	7.789	ug/l 98
10) Iodomethane	2.40	142	128818	6.287	ug/l 100
11) Allyl Chloride	2.58	41	250193	8.229	ug/l 97
12) Acrylonitrile	2.92	53	202560	52.546	ug/l 98
13) Acetone	2.31	43	249719	77.772	ug/l 97
14) Carbon Disulfide	2.47	76	273691	4.213	ug/l 98
15) Methylene Chloride	2.68	84	172458	8.019	ug/l 99
16) trans-1,2-Dichloroethene	2.96	96	157038	7.585	ug/l 99
17) 1,1-Dichloroethane	3.42	63	354208	8.972	ug/l 99
18) 2-Butanone	4.25	43	310403	66.934	ug/l 98
19) Cyclohexane	4.97	56	203490	6.577	ug/l 88
20) Methylcyclohexane	6.39	83	246576	7.643	ug/l 99
21) 2,2-Dichloropropane	4.20	77	295710	9.087	ug/l 99
22) cis-1,2-Dichloroethene	4.20	96	203922	9.088	ug/l 100
23) Diethyl Ether	2.10	59	122351	8.830	ug/l 99
24) tert-Butyl Alcohol	2.82	59	80079	53.685	ug/l 99
25) Methyl tert-Butyl Ether	2.99	73	454828	10.257	ug/l 100
26) Bromochloromethane	4.52	128	96304	10.147	ug/l 99
27) Chloroform	4.65	83	360468	8.783	ug/l 100
28) 1,1,1-Trichloroethane	4.89	97	293654	9.123	ug/l 99
29) 1,1-Dichloropropene	5.11	75	227194	8.168	ug/l 100
30) Carbon Tetrachloride	5.11	117	252374	8.749	ug/l 99
31) Isopropyl Ether	3.56	45	608241	10.703	ug/l # 1
33) Tert-Amyl methyl ether	5.36	73	11931	0.293	ug/l # 1
34) Propionitrile	4.31	54	164849	125.209	ug/l 97
35) Benzene	5.37	78	741640	8.890	ug/l 99
36) 1,2-Dichloroethane	5.38	62	204790	9.558	ug/l 100
37) Trichloroethene	6.16	130	204866	8.777	ug/l 99
38) 1,2-Dichloropropane	6.41	63	214109	9.688	ug/l 98
39) Methacrylonitrile	4.53	41	66123	12.137	ug/l 97
40) Methyl acrylate	4.41	55	97560	11.753	ug/l 98
41) Tetrahydrofuran	4.63	42	165033	59.122	ug/l 97
42) 1-Chlorobutane	5.04	56	324008	8.572	ug/l 98
43) Dibromomethane	6.54	93	100579	9.669	ug/l 98

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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	270258	10.111	ug/l	99
45) 4-Methyl-2-Pentanone	7.44	43	654264	62.031	ug/l	100
46) t-1,4-Dichloro-2-butene	10.47	75	206011	49.005	ug/l #	39
47) Methyl methacrylate	6.61	69	95833	11.549	ug/l	99
48) Ethyl methacrylate	8.00	69	191674	12.855	ug/l	98
49) Toluene	7.61	92	469828	9.653	ug/l	100
50) t-1,3-Dichloropropene	7.86	75	248274	11.280	ug/l	98
51) cis-1,3-Dichloropropene	7.25	75	295265	10.659	ug/l	99
52) 1,1,2-Trichloroethane	8.05	97	155344	10.753	ug/l	96
53) 1,3-Dichloropropane	8.22	76	259646	10.748	ug/l	99
54) 2-Hexanone	8.34	43	495394	70.069	ug/l	100
55) Dibromochloromethane	8.46	129	189321	10.786	ug/l	97
56) 1,2-Dibromoethane	8.57	107	139683	10.538	ug/l	99
58) Tetrachloroethene	8.21	164	194153	8.753	ug/l	99
59) Chlorobenzene	9.10	112	539537	9.949	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.19	131	205644	10.239	ug/l	100
61) Pentachloroethane	11.08	117	166763	10.258	ug/l	98
62) Hexachloroethane	12.12	117	152890	10.591	ug/l	99
63) Ethyl Benzene	9.23	91	940380	10.813	ug/l	99
64) m/p-Xylenes	9.35	106	742010	21.066	ug/l	98
65) o-Xylene	9.76	106	356317	10.619	ug/l	100
66) Styrene	9.77	104	645036	11.483	ug/l	99
67) Bromoform	9.94	173	117837	11.420	ug/l	98
69) Isopropylbenzene	10.14	105	998200	11.411	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.43	83	206603	11.144	ug/l	99
71) 1,2,3-Trichloropropane	10.47	75	206011	15.615	ug/l #	88
72) Bromobenzene	10.43	156	256338	10.808	ug/l	100
73) n-propylbenzene	10.57	120	281117	11.094	ug/l	99
74) 2-Chlorotoluene	10.64	126	243396	10.676	ug/l	100
75) 1,3,5-Trimethylbenzene	10.75	105	900057	11.461	ug/l	100
76) 4-Chlorotoluene	10.75	126	257764	11.166	ug/l	96
77) tert-Butylbenzene	11.08	119	842164	11.060	ug/l	99
78) 1,2,4-Trimethylbenzene	11.13	105	920730	11.609	ug/l	100
79) sec-Butylbenzene	11.30	105	1065102	10.397	ug/l	99
80) Nitrobenzene	12.86	77	5496	13.888	ug/l #	95
81) p-Isopropyltoluene	11.45	119	1009625	11.812	ug/l	100
82) 1,3-Dichlorobenzene	11.40	146	514600	10.454	ug/l	99
83) 1,4-Dichlorobenzene	11.49	146	518267	10.595	ug/l	99
84) n-Butylbenzene	11.86	91	950908	12.089	ug/l	99
85) 1,2-Dichlorobenzene	11.86	146	473893	10.625	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.64	75	33454	13.517	ug/l	99
87) 1,2,4-Trichlorobenzene	13.48	180	370739	14.399	ug/l	99
88) Hexachlorobutadiene	13.67	225	213054	10.859	ug/l	99
89) Naphthalene	13.72	128	604263	13.106	ug/l	99
90) 1,2,3-Trichlorobenzene	13.97	180	334452	14.106	ug/l	99

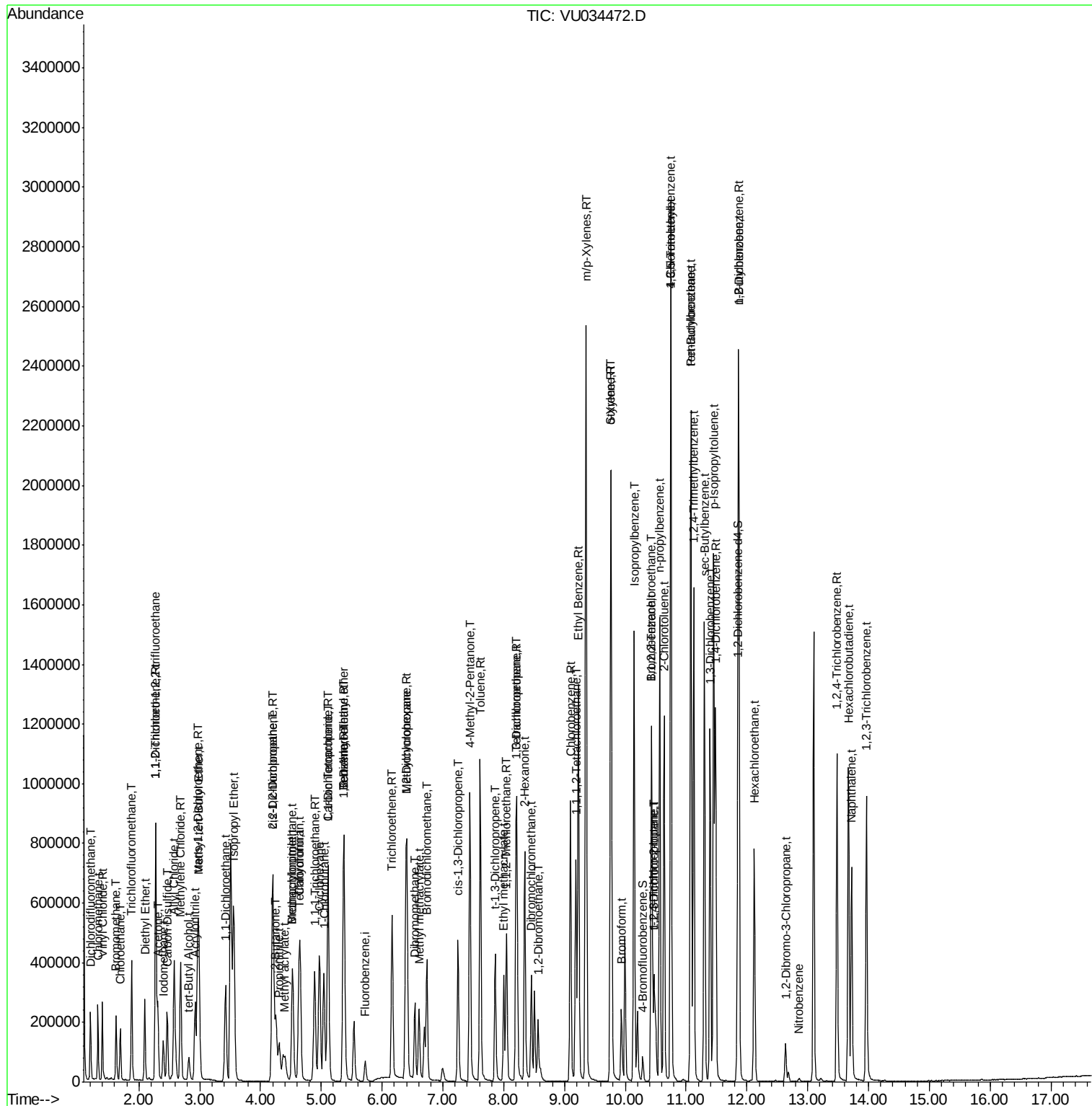
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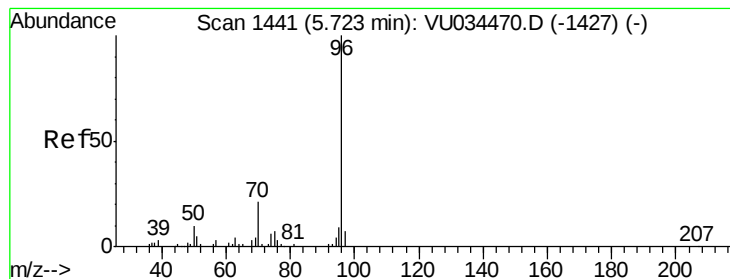
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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.72 min Scan# 1441

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

ICVVU091119

Tgt Ion: 96 Resp: 69528

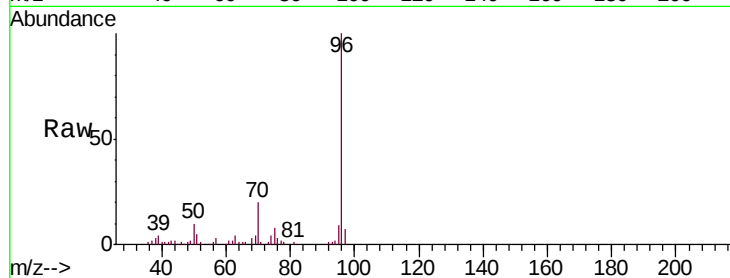
Ion Ratio Lower Upper

96 100

70 19.5 16.5 24.7

95 9.2 7.0 10.6

97 0.0 0.0 0.0

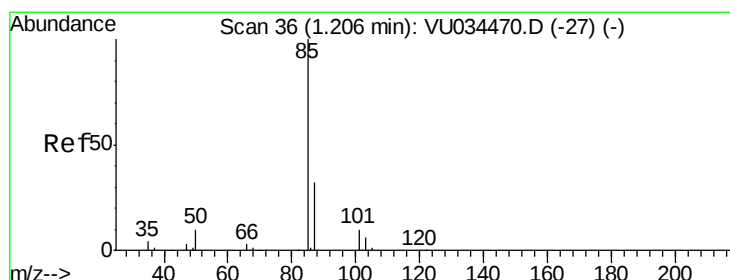
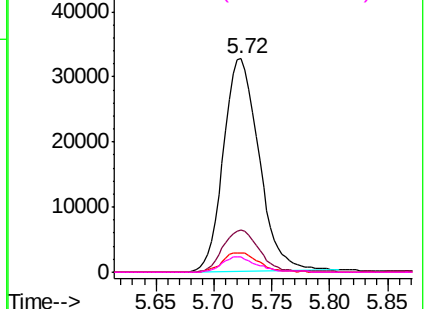
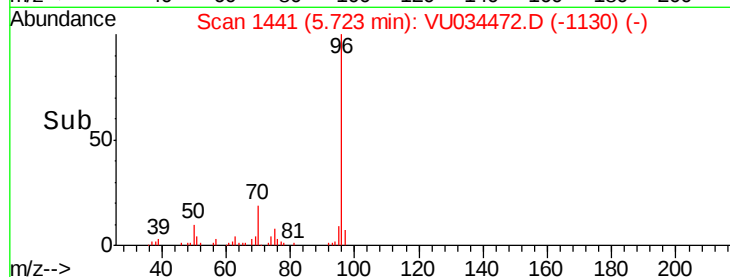


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 5.429 ug/l

RT: 1.20 min Scan# 35

Delta R.T. -0.00 min

Lab File: VU034472.D

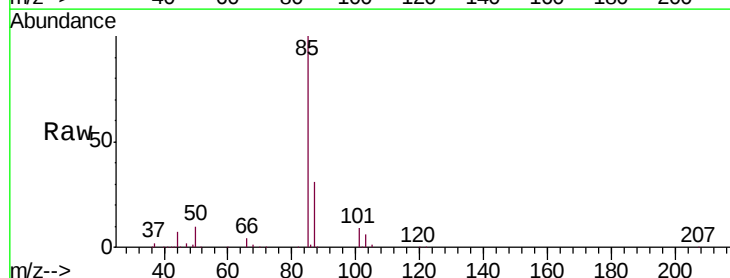
Acq: 11 Sep 2019 12:28

Tgt Ion: 85 Resp: 138172

Ion Ratio Lower Upper

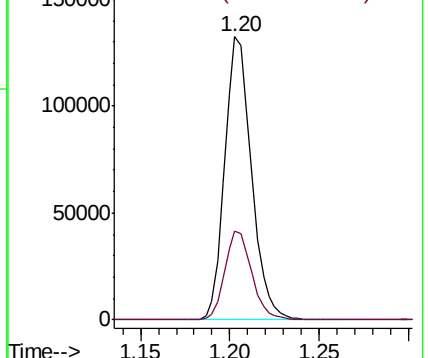
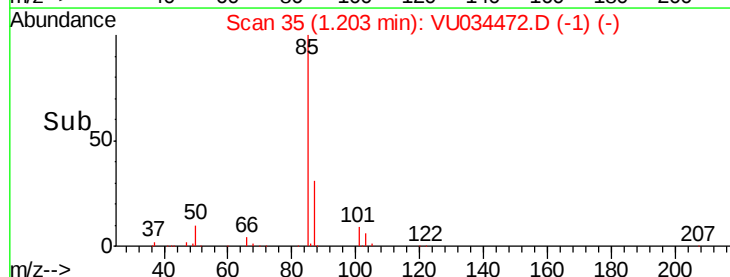
85 100

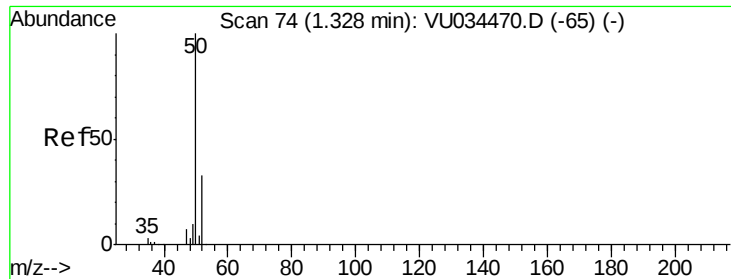
87 31.3 16.1 48.3



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

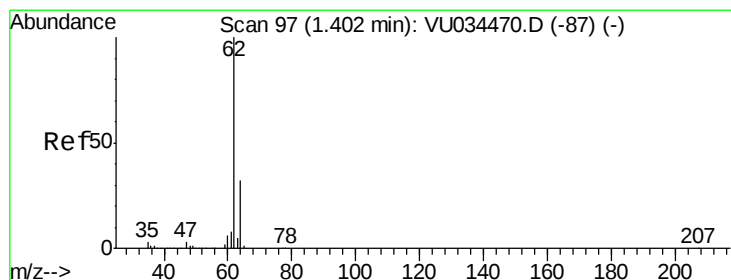
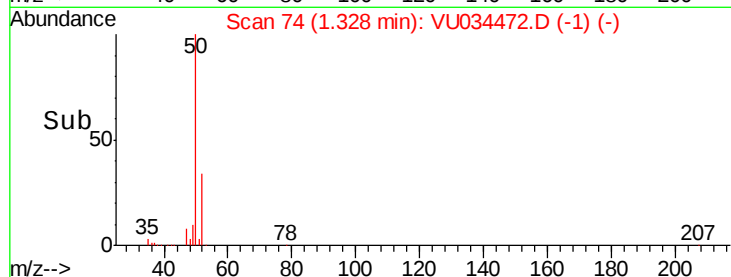
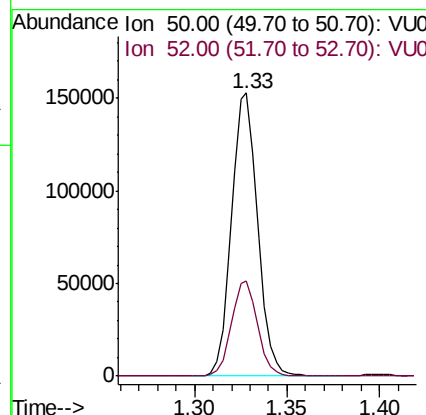
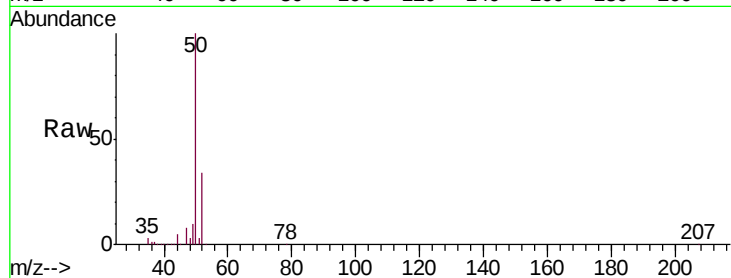




#3
Chloromethane
Concen: 5.332 ug/l
RT: 1.33 min Scan# 74
Delta R.T. 0.00 min
Lab File: VU034472.D
Acq: 11 Sep 2019 12:28

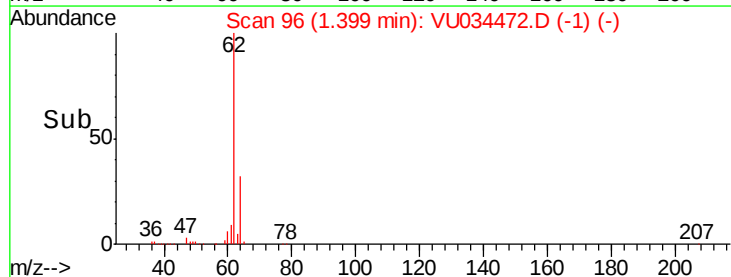
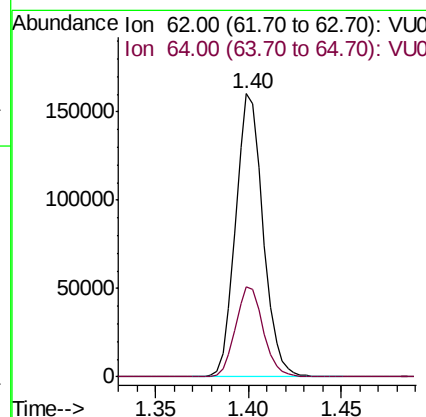
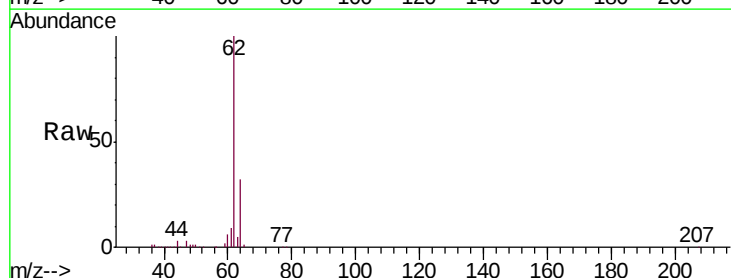
Instrument :
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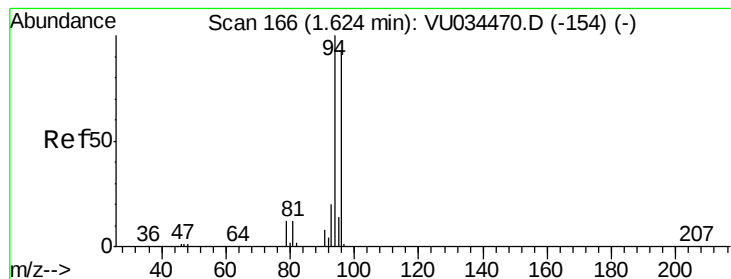
Tgt Ion: 50 Resp: 149327
Ion Ratio Lower Upper
50 100
52 33.6 26.2 39.4



#4
Vinyl Chloride
Concen: 5.979 ug/l
RT: 1.40 min Scan# 96
Delta R.T. -0.00 min
Lab File: VU034472.D
Acq: 11 Sep 2019 12:28

Tgt Ion: 62 Resp: 164492
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.0





#5

Bromomethane

Concen: 6.211 ug/l

RT: 1.62 min Scan# 166

Delta R.T. 0.00 min

Lab File: VU034472.D

Acq: 11 Sep 2019 12:28

Instrument :

MSVOA_U

ClientSampleId :

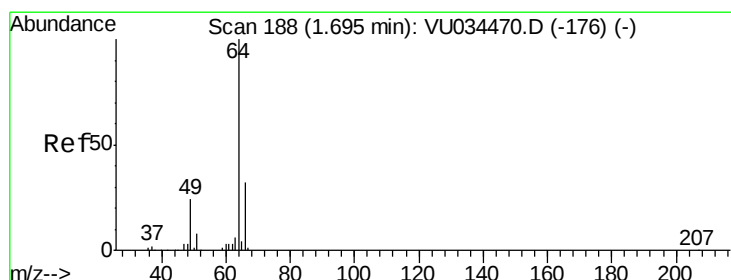
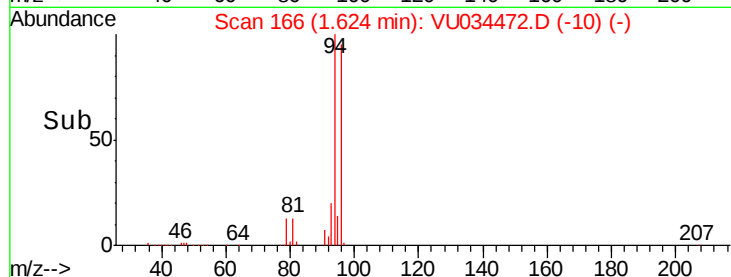
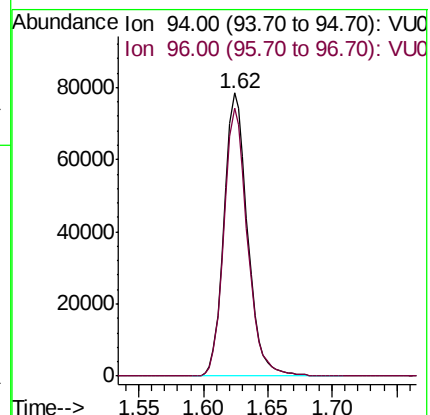
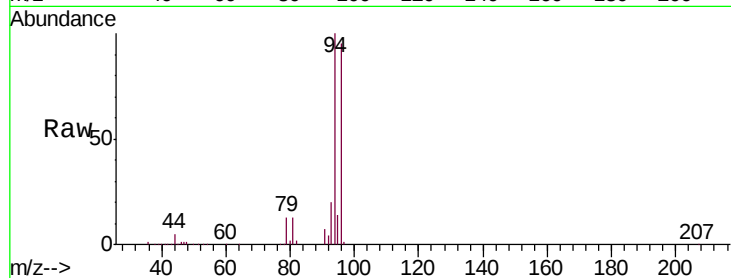
ICVVU091119

Tgt Ion: 94 Resp: 99580

Ion Ratio Lower Upper

94 100

96 94.5 73.8 110.8



#6

Chloroethane

Concen: 6.758 ug/l

RT: 1.69 min Scan# 188

Delta R.T. 0.00 min

Lab File: VU034472.D

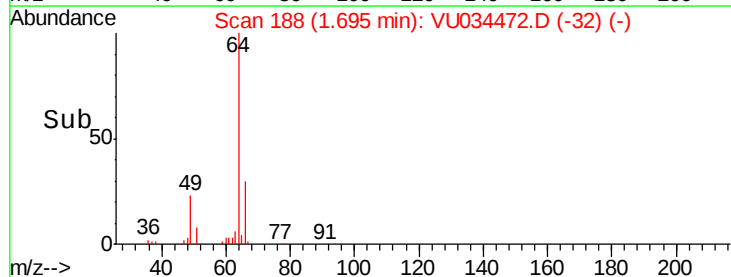
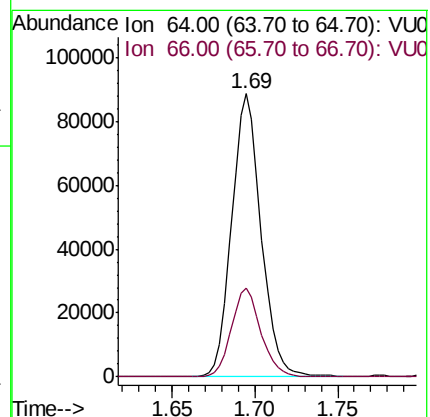
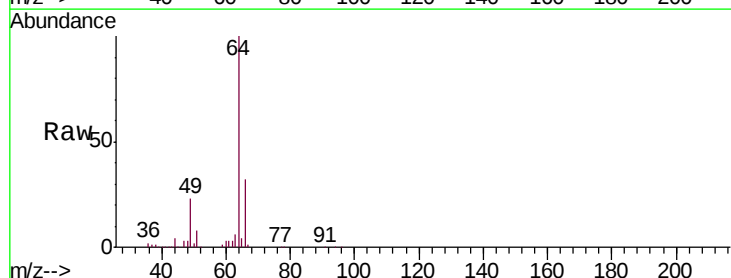
Acq: 11 Sep 2019 12:28

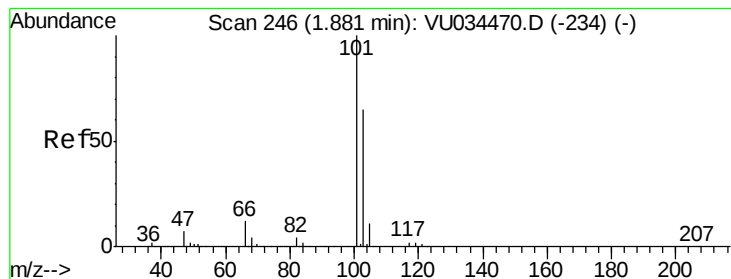
Tgt Ion: 64 Resp: 107756

Ion Ratio Lower Upper

64 100

66 31.7 25.8 38.8



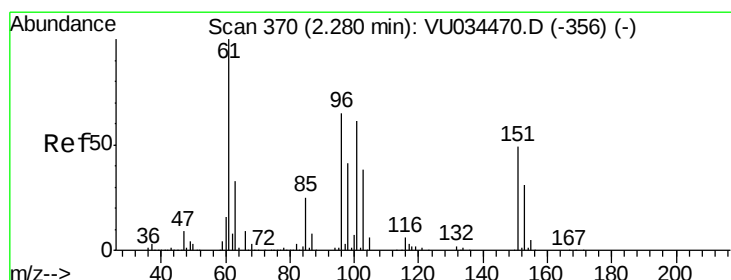
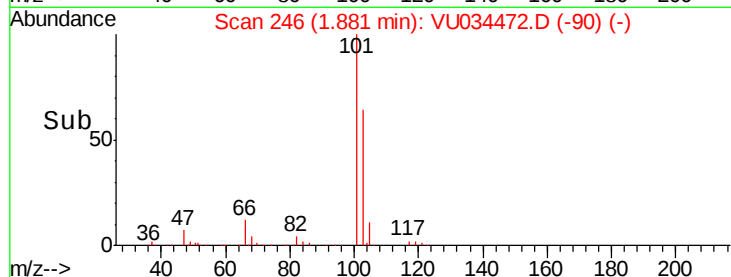
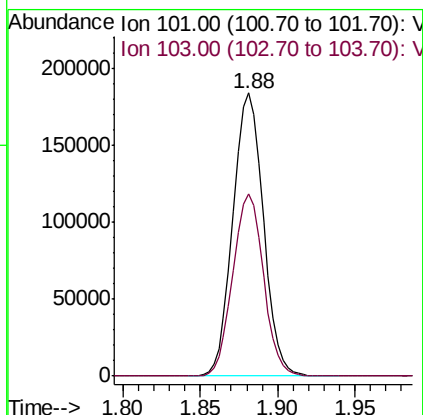
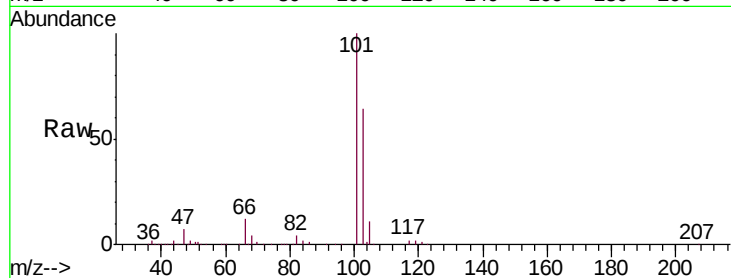


#7

Trichlorofluoromethane
 Concen: 7.422 ug/l
 RT: 1.88 min Scan# 246
 Delta R.T. 0.00 min
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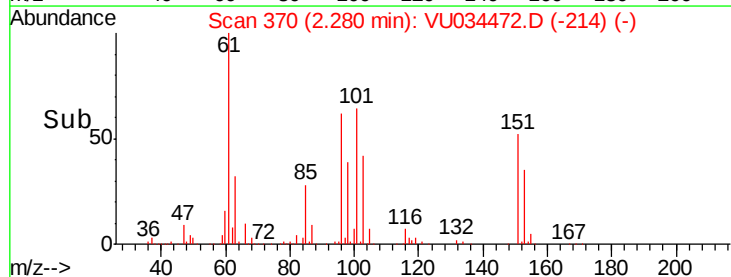
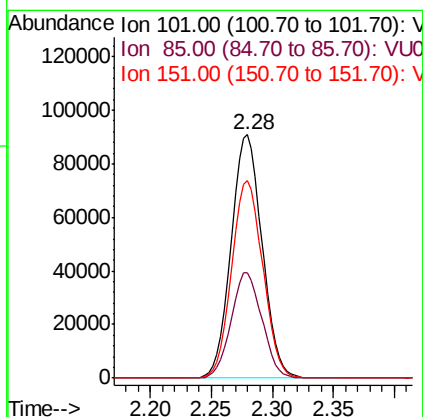
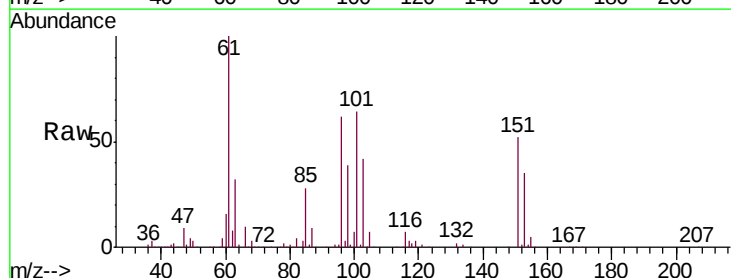
Tgt Ion:101 Resp: 251209
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.2 78.4

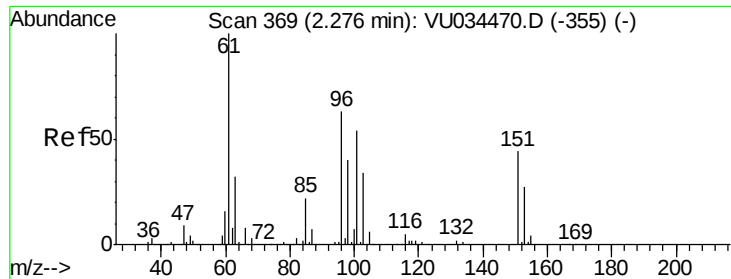


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 8.756 ug/l
 RT: 2.28 min Scan# 370
 Delta R.T. 0.00 min
 Lab File: VU034472.D
 Acq: 11 Sep 2019 12:28

Tgt Ion:101 Resp: 160777
 Ion Ratio Lower Upper
 101 100
 85 42.8 34.2 51.2
 151 81.4 65.2 97.8

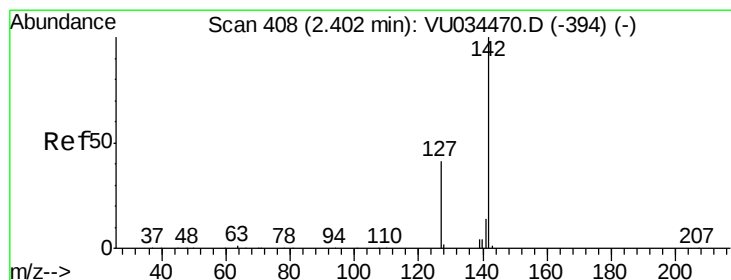
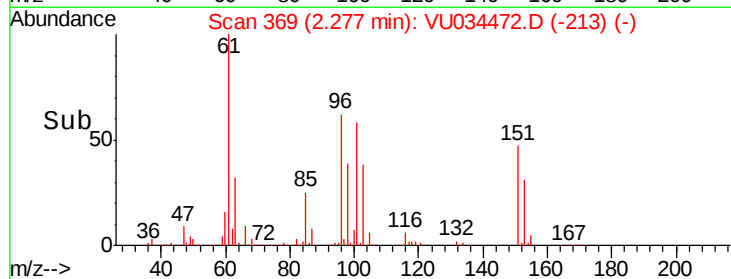
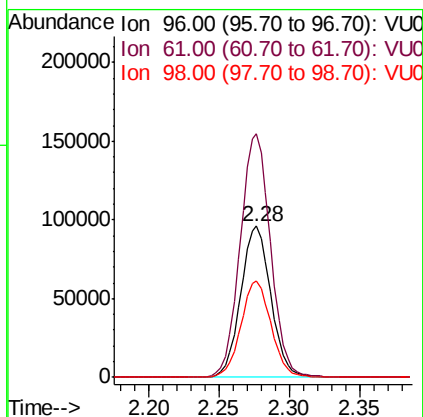
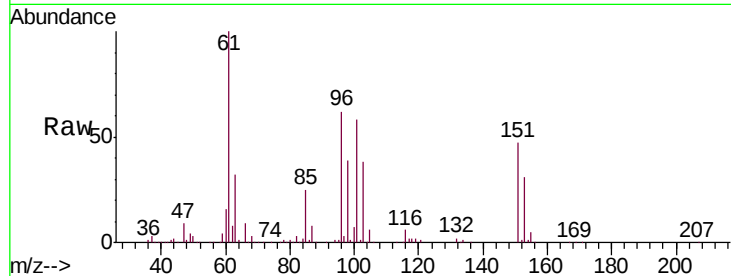




#9
 1,1-Dichloroethene
 Concen: 7.789 ug/l
 RT: 2.28 min Scan# 369
 Delta R.T. 0.00 min
 Lab File: VU034472.D
 Acq: 11 Sep 2019 12:28

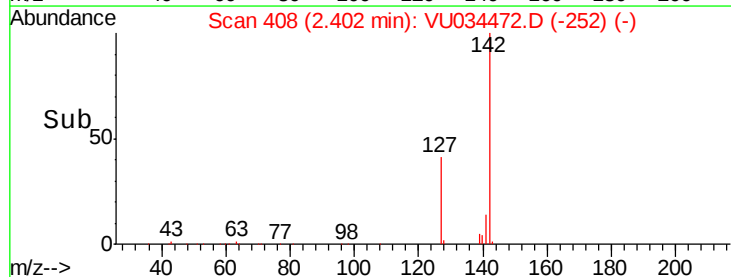
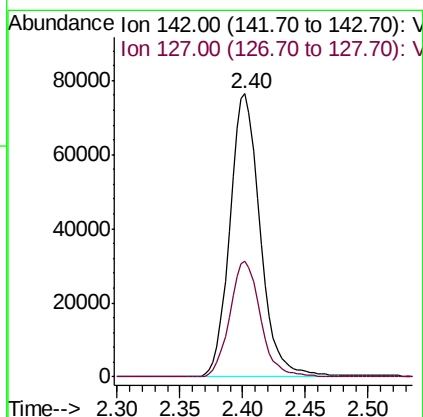
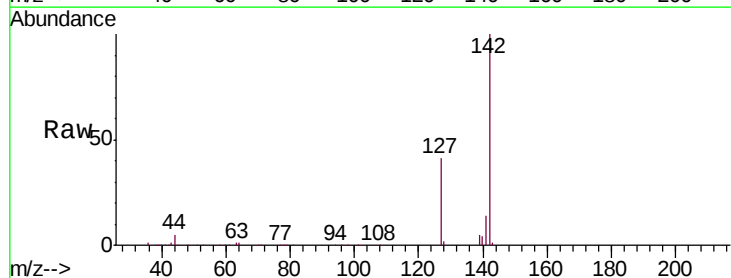
Instrument :
 MSVOA_U
 ClientSampleId :
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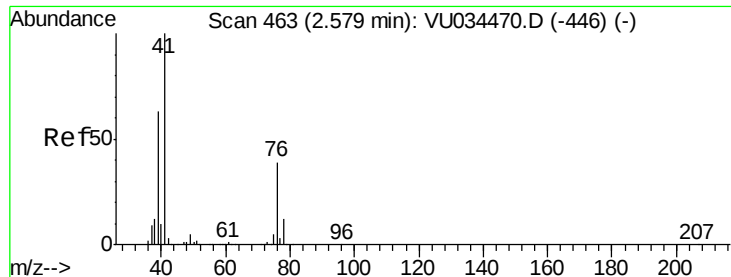
Tgt Ion: 96 Resp: 144109
 Ion Ratio Lower Upper
 96 100
 61 161.2 0.0 475.5
 98 63.5 0.0 127.6



#10
 Iodomethane
 Concen: 6.287 ug/l
 RT: 2.40 min Scan# 408
 Delta R.T. 0.00 min
 Lab File: VU034472.D
 Acq: 11 Sep 2019 12:28

Tgt Ion: 142 Resp: 128818
 Ion Ratio Lower Upper
 142 100
 127 41.3 33.0 49.6

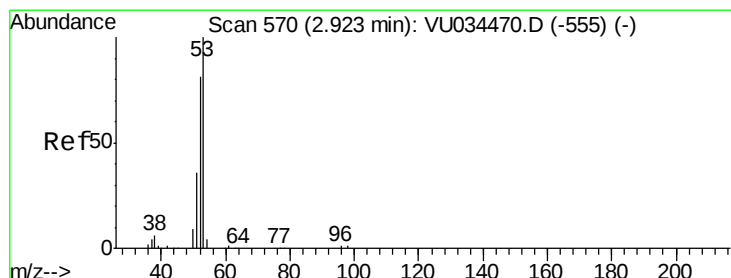
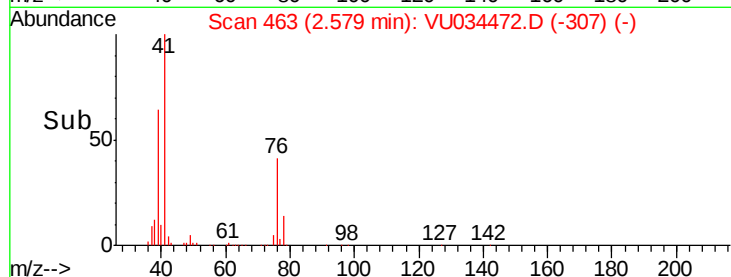
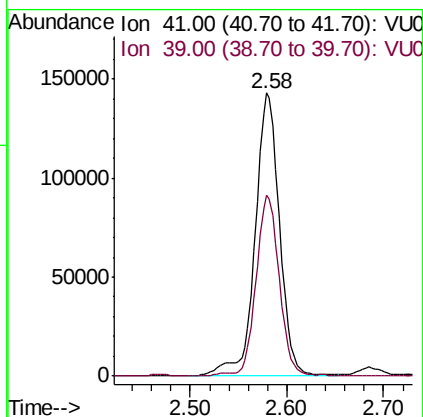
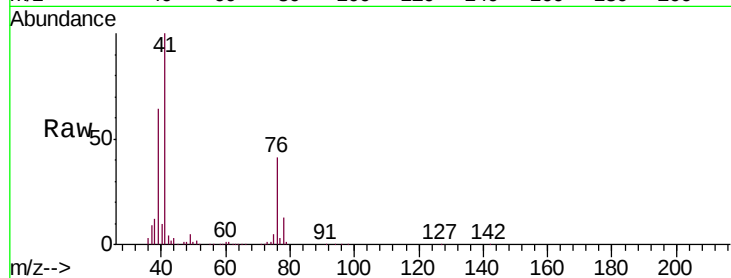




#11
 Allyl Chloride
 Concen: 8.229 ug/l
 RT: 2.58 min Scan# 463
 Delta R.T. 0.00 min
 Lab File: VU034472.D
 Acq: 11 Sep 2019 12:28

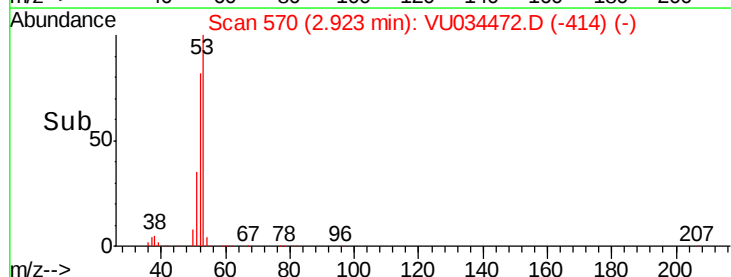
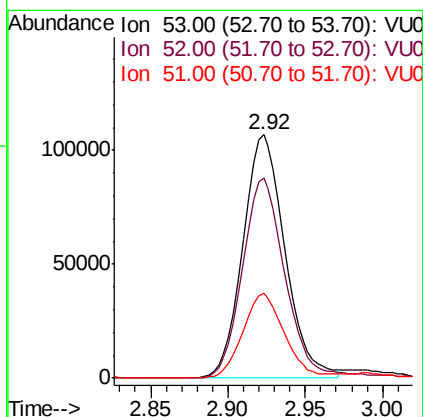
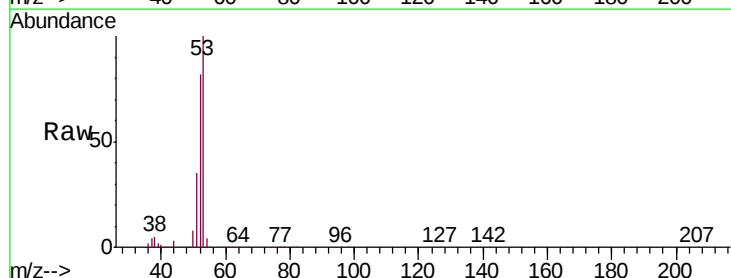
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU091119

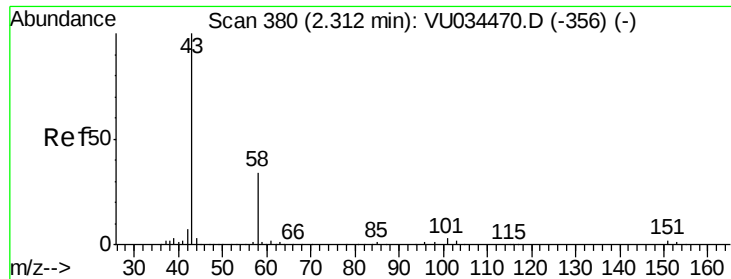
Tgt Ion: 41 Resp: 250193
 Ion Ratio Lower Upper
 41 100
 39 60.3 50.2 75.2



#12
 Acrylonitrile
 Concen: 52.546 ug/l
 RT: 2.92 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: VU034472.D
 Acq: 11 Sep 2019 12:28

Tgt Ion: 53 Resp: 202560
 Ion Ratio Lower Upper
 53 100
 52 84.8 66.9 100.3
 51 33.8 28.4 42.6





#13

Acetone

Concen: 77.772 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034472.D

Acq: 11 Sep 2019 12:28

Instrument :

MSVOA_U

ClientSampleId :

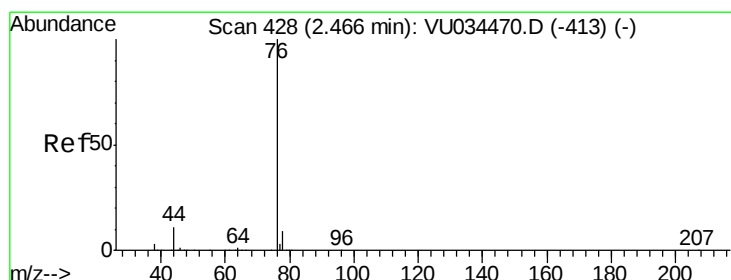
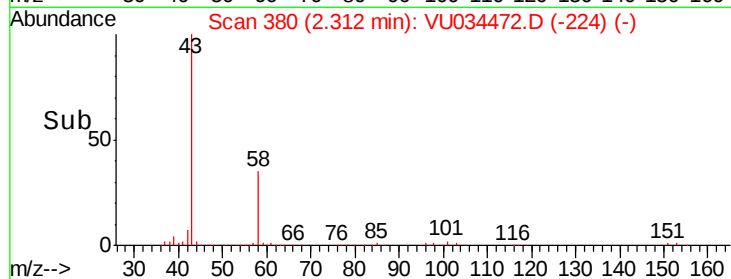
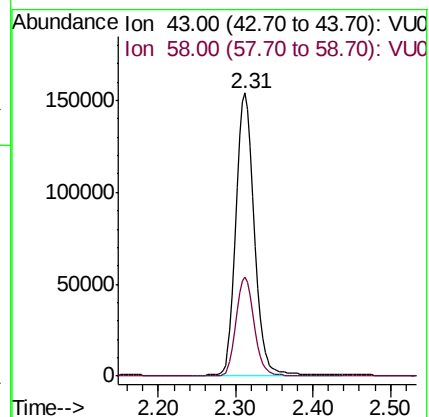
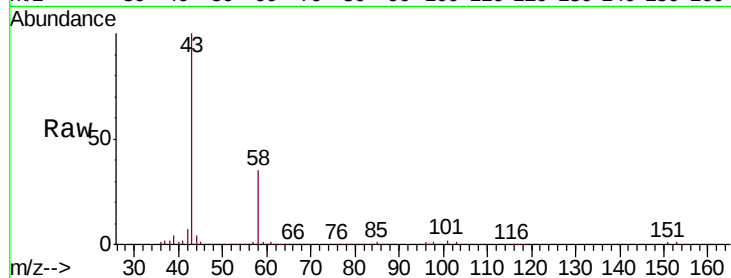
ICVVU091119

Tgt Ion: 43 Resp: 249719

Ion Ratio Lower Upper

43 100

58 35.1 26.9 40.3



#14

Carbon Disulfide

Concen: 4.213 ug/l

RT: 2.47 min Scan# 428

Delta R.T. 0.00 min

Lab File: VU034472.D

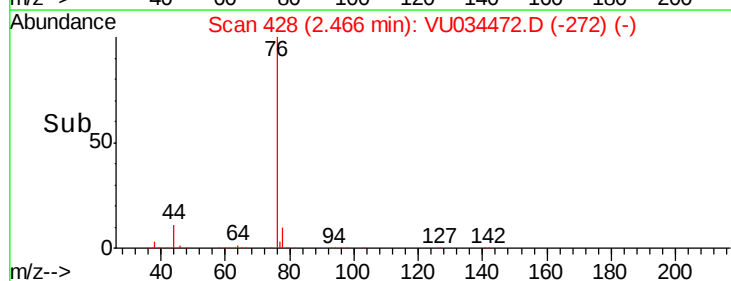
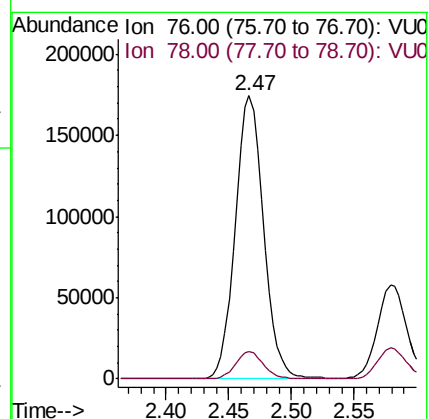
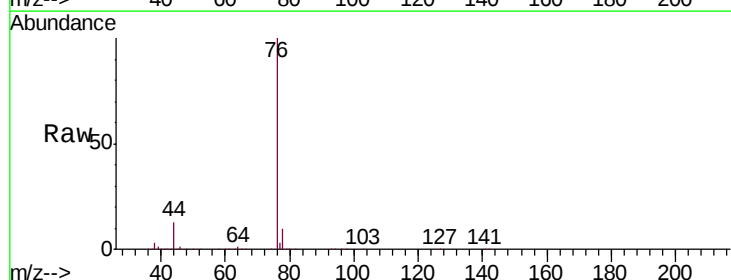
Acq: 11 Sep 2019 12:28

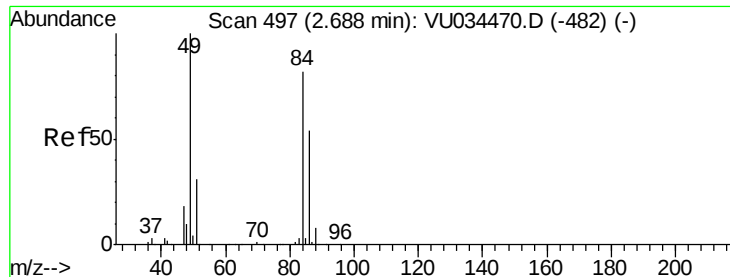
Tgt Ion: 76 Resp: 273691

Ion Ratio Lower Upper

76 100

78 9.7 7.3 10.9

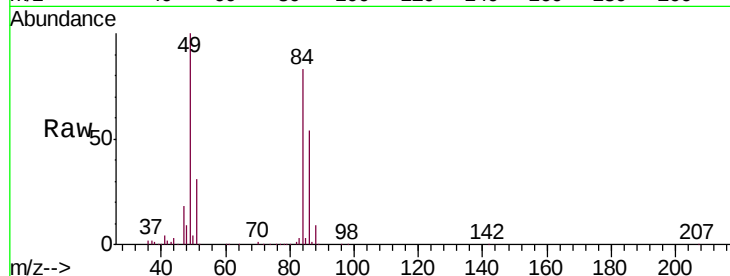




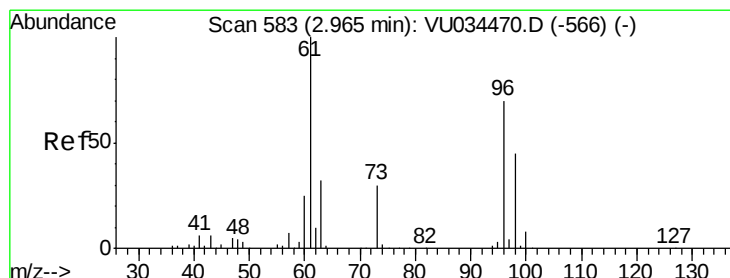
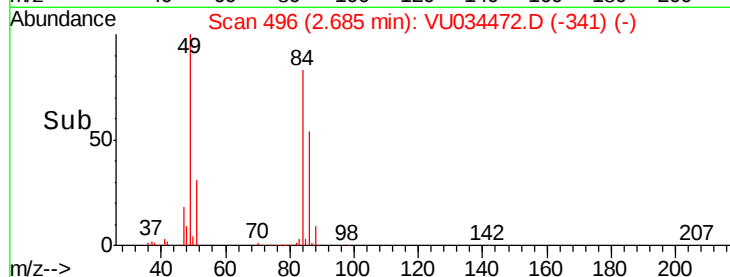
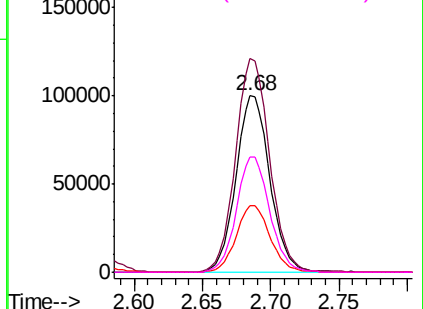
#15
Methylene Chloride
Concen: 8.019 ug/l
RT: 2.68 min Scan# 496
Delta R.T. -0.00 min
Lab File: VU034472.D
Acq: 11 Sep 2019 12:28

Instrument :
MSVOA_U
ClientSampleId :
ICVVU091119

Tgt Ion:	84	Resp:	172458
Ion	Ratio	Lower	Upper
84	100		
49	121.1	97.8	146.6
51	37.4	0.0	76.4
86	65.5	52.6	79.0

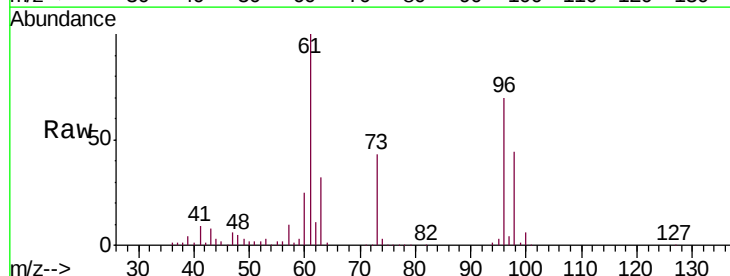


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 49.00 (48.70 to 49.70): VU0
Ion 51.00 (50.70 to 51.70): VU0
Ion 86.00 (85.70 to 86.70): VU0

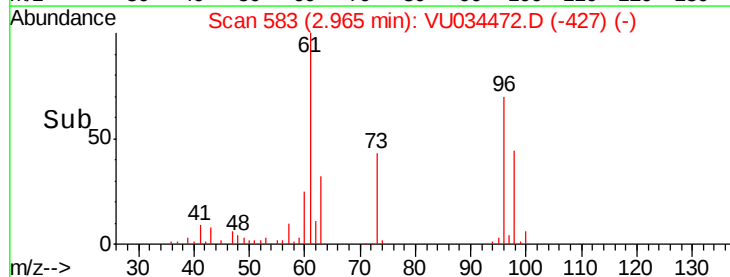
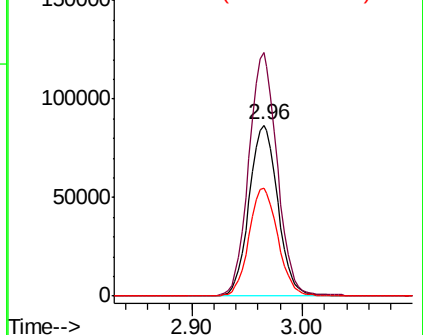


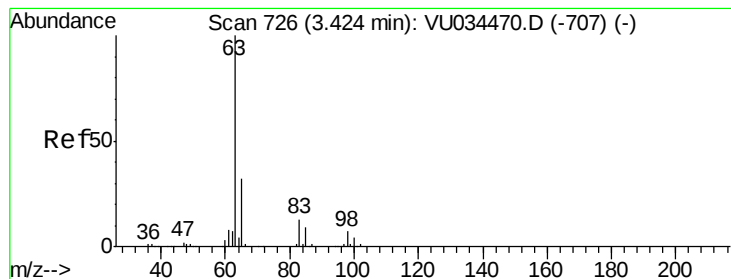
#16
trans-1,2-Dichloroethene
Concen: 7.585 ug/l
RT: 2.96 min Scan# 583
Delta R.T. 0.00 min
Lab File: VU034472.D
Acq: 11 Sep 2019 12:28

Tgt Ion:	96	Resp:	157038
Ion	Ratio	Lower	Upper
96	100		
61	142.2	114.5	171.7
98	63.1	51.2	76.8



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: 8.972 ug/l

RT: 3.42 min Scan# 726

Delta R.T. 0.00 min

Lab File: VU034472.D

Acq: 11 Sep 2019 12:28

Instrument :

MSVOA_U

ClientSampleId :

ICVVU091119

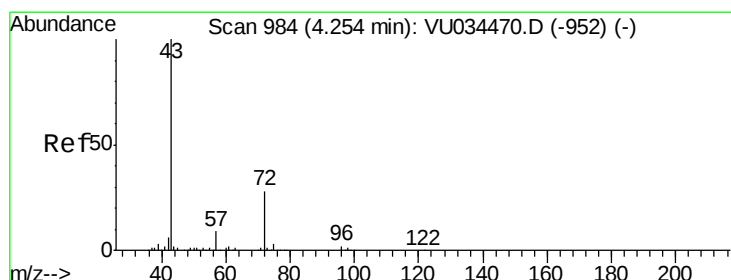
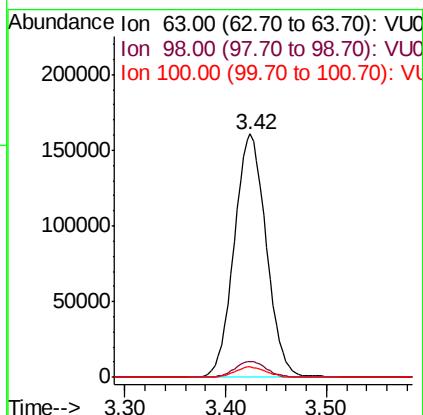
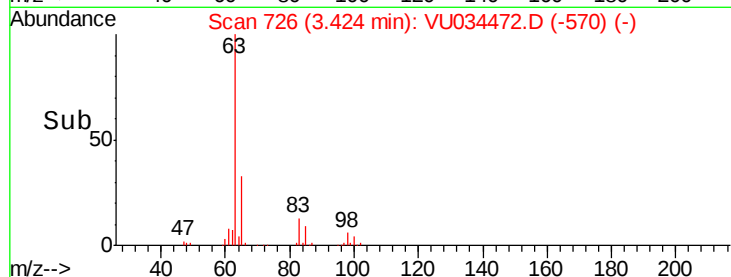
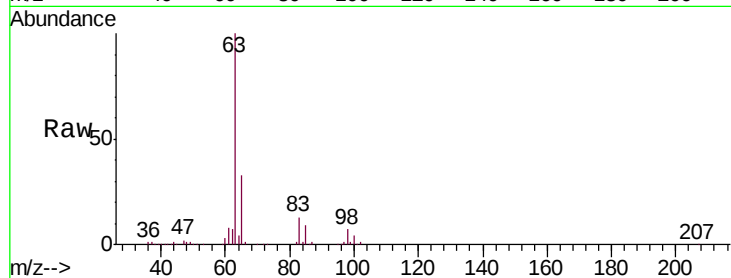
Tgt Ion: 63 Resp: 354208

Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.4

100 4.2 2.3 6.8



#18

2-Butanone

Concen: 66.934 ug/l

RT: 4.25 min Scan# 984

Delta R.T. 0.00 min

Lab File: VU034472.D

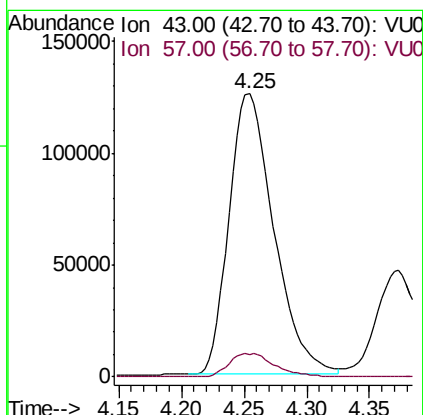
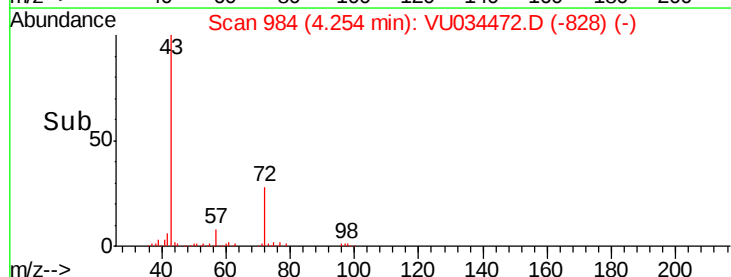
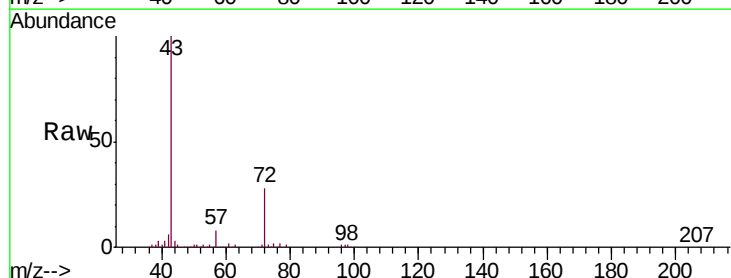
Acq: 11 Sep 2019 12:28

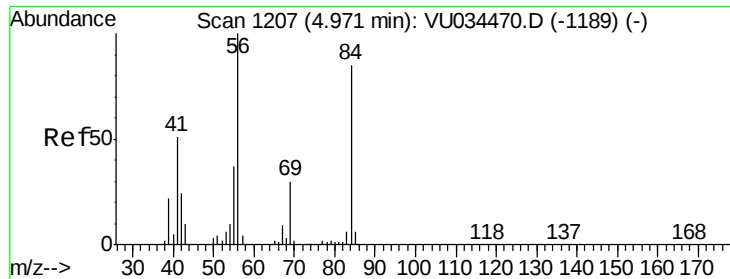
Tgt Ion: 43 Resp: 310403

Ion Ratio Lower Upper

43 100

57 8.1 0.0 17.8

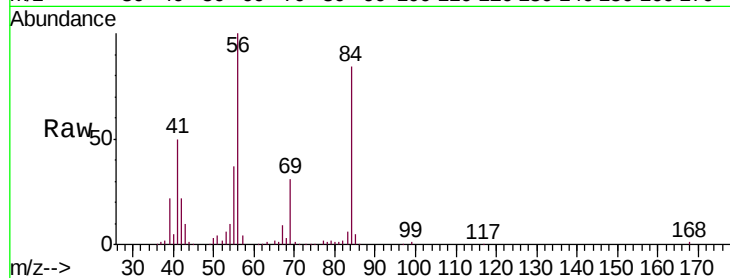




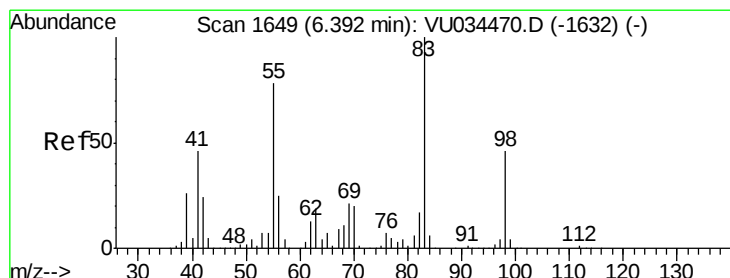
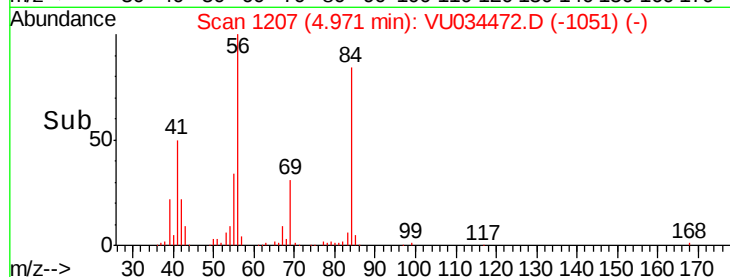
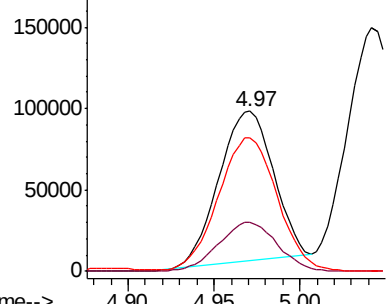
#19
Cyclohexane
Concen: 6.577 ug/l
RT: 4.97 min Scan# 1207
Delta R.T. 0.00 min
Lab File: VU034472.D
Acq: 11 Sep 2019 12:28

Instrument :
MSVOA_U
ClientSampleId :
ICVVU091119

Tgt Ion	Resp	Lower	Upper
56	100		
69	35.4	24.4	36.6
84	95.3	66.9	100.3

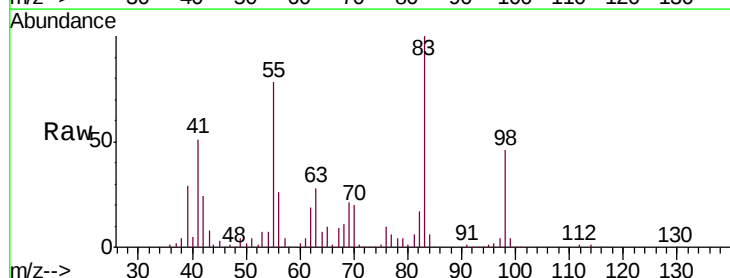


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

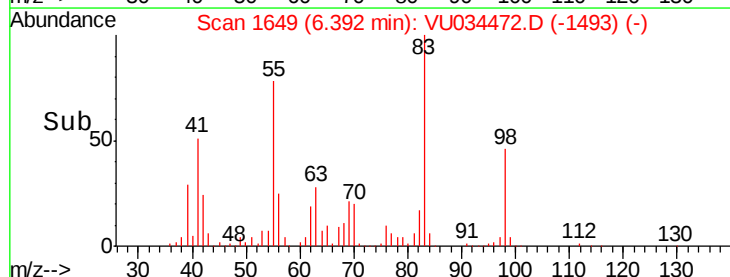
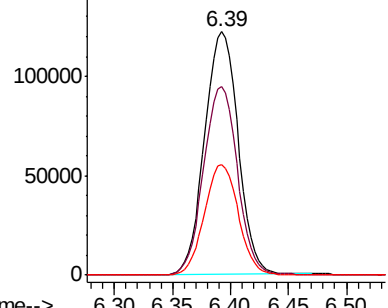


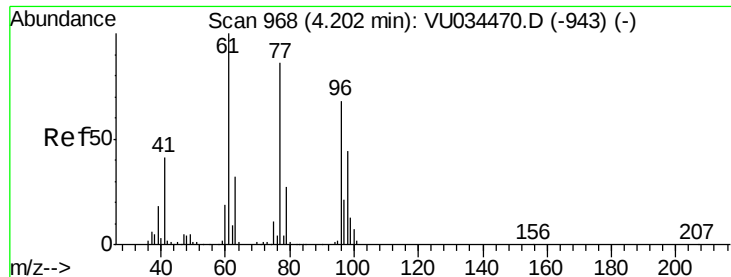
#20
Methylcyclohexane
Concen: 7.643 ug/l
RT: 6.39 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VU034472.D
Acq: 11 Sep 2019 12:28

Tgt Ion	Resp	Lower	Upper
83	100		
55	77.9	61.7	92.5
98	45.5	36.0	54.0



Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

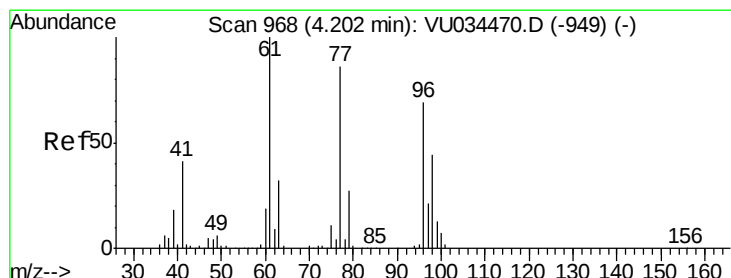
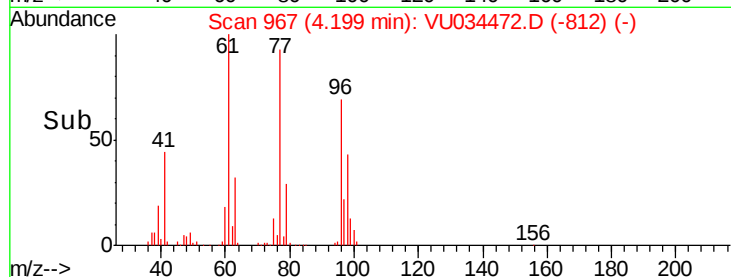
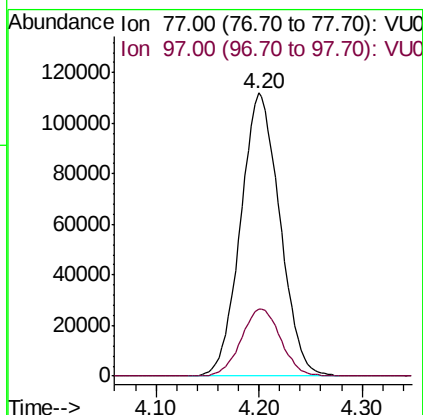
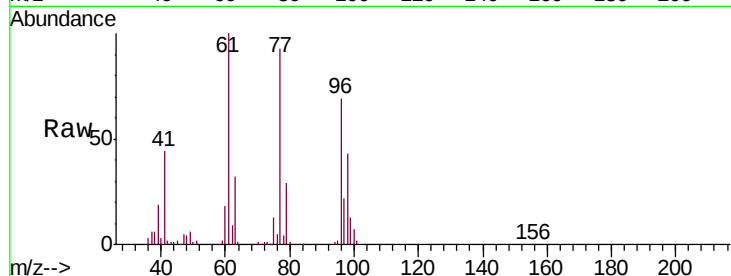




#21
 2,2-Dichloropropane
 Concen: 9.087 ug/l
 RT: 4.20 min Scan# 967
 Delta R.T. -0.00 min
 Lab File: VU034472.D
 Acq: 11 Sep 2019 12:28

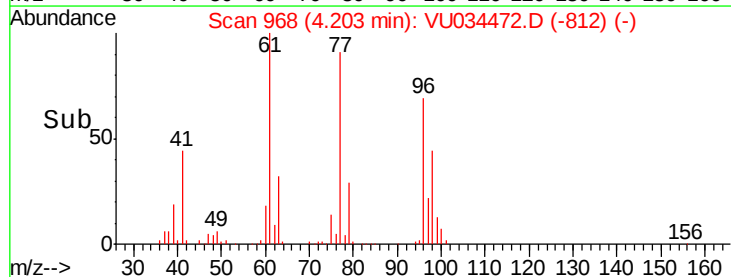
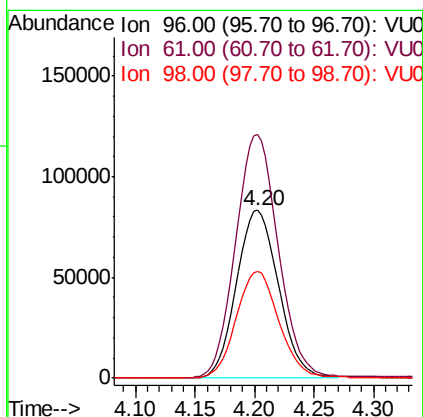
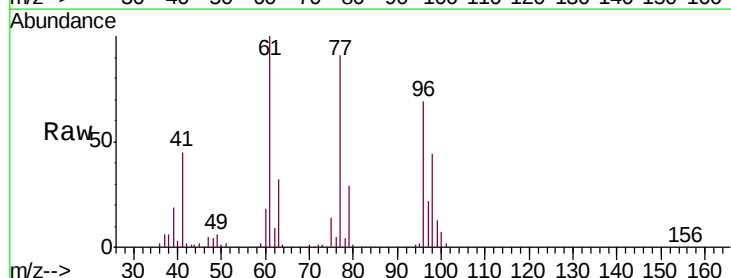
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU091119

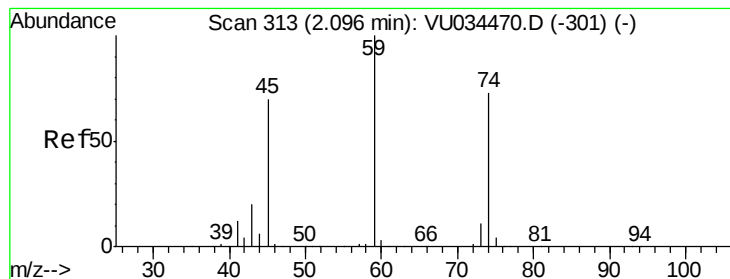
Tgt Ion: 77 Resp: 295710
 Ion Ratio Lower Upper
 77 100
 97 23.9 18.9 28.3



#22
 cis-1,2-Dichloroethene
 Concen: 9.088 ug/l
 RT: 4.20 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: VU034472.D
 Acq: 11 Sep 2019 12:28

Tgt Ion: 96 Resp: 203922
 Ion Ratio Lower Upper
 96 100
 61 147.6 0.0 369.5
 98 65.3 32.4 97.2





#23

Diethyl Ether

Concen: 8.830 ug/l

RT: 2.10 min Scan# 313

Delta R.T. 0.00 min

Lab File: VU034472.D

Acq: 11 Sep 2019 12:28

Instrument :

MSVOA_U

ClientSampleId :

ICVVU091119

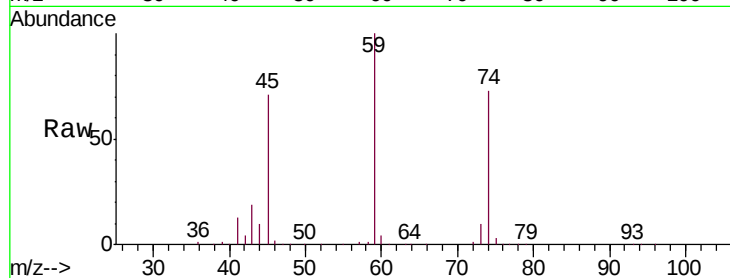
Tgt Ion: 59 Resp: 122351

Ion Ratio Lower Upper

59 100

45 70.0 56.3 84.5

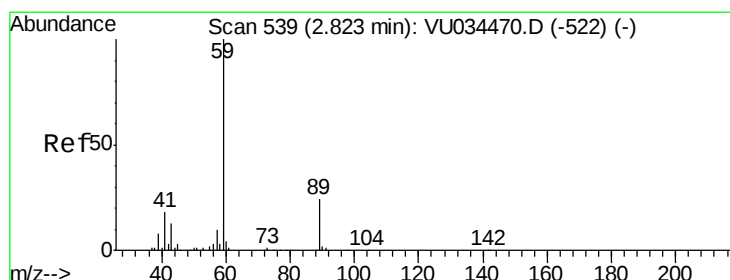
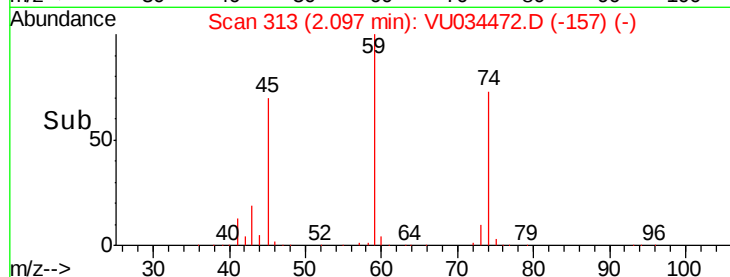
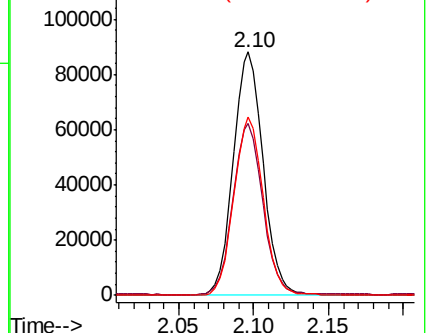
74 72.2 58.2 87.2



Abundance Ion 59.00 (58.70 to 59.70): VU034472.D (-157) (-)

Ion 45.00 (44.70 to 45.70): VU034472.D (-157) (-)

Ion 74.00 (73.70 to 74.70): VU034472.D (-157) (-)



#24

tert-Butyl Alcohol

Concen: 53.685 ug/l

RT: 2.82 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU034472.D

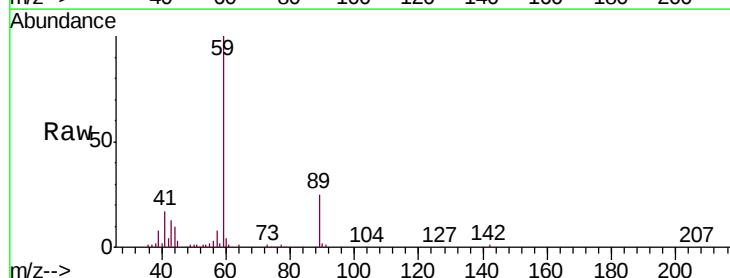
Acq: 11 Sep 2019 12:28

Tgt Ion: 59 Resp: 80079

Ion Ratio Lower Upper

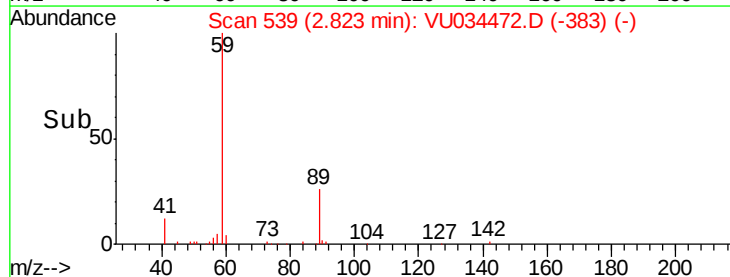
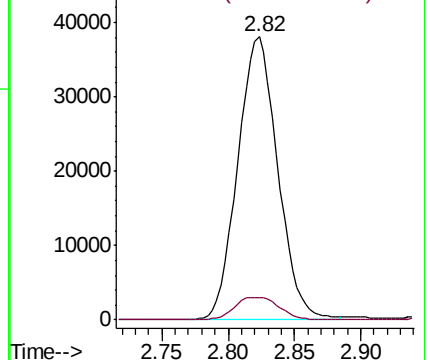
59 100

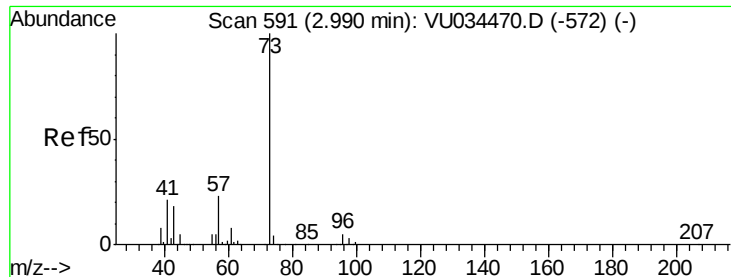
57 8.8 7.3 10.9



Abundance Ion 59.00 (58.70 to 59.70): VU034472.D (-383) (-)

Ion 57.00 (56.70 to 57.70): VU034472.D (-383) (-)





#25

Methyl tert-Butyl Ether

Concen: 10.257 ug/l

RT: 2.99 min Scan# 590

Delta R.T. -0.00 min

Lab File: VU034472.D

Acq: 11 Sep 2019 12:28

Instrument :

MSVOA_U

ClientSampleId :

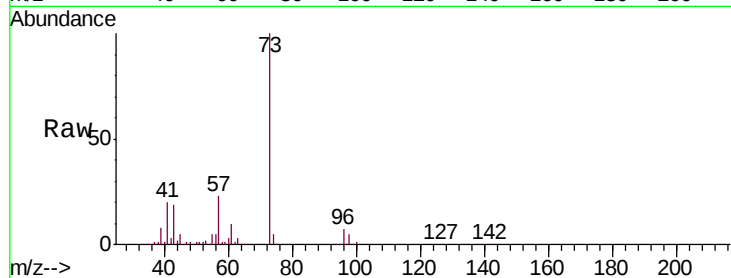
ICVVU091119

Tgt Ion: 73 Resp: 454828

Ion Ratio Lower Upper

73 100

43 18.2 14.4 21.6



Abundance Ion 73.00 (72.70 to 73.70): VU034472.D (-572) (-)

Ion 43.00 (42.70 to 43.70): VU034472.D (-572) (-)

250000

200000

150000

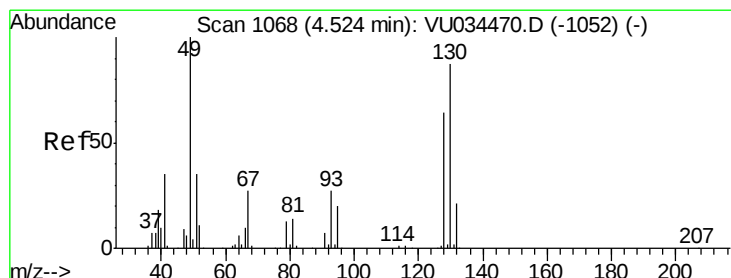
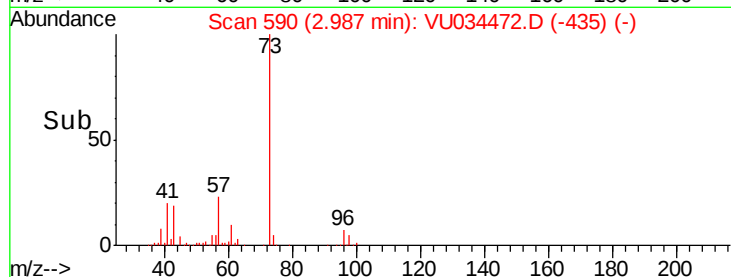
100000

50000

0

2.90 3.00 3.10

Time-->



#26

Bromochloromethane

Concen: 10.147 ug/l

RT: 4.52 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VU034472.D

Acq: 11 Sep 2019 12:28

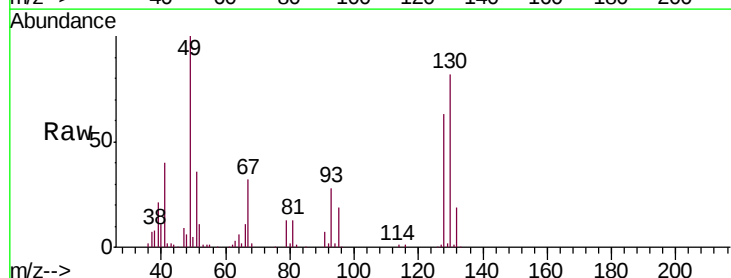
Tgt Ion: 128 Resp: 96304

Ion Ratio Lower Upper

128 100

49 157.0 0.0 309.8

130 130.2 105.0 157.6



Abundance Ion 128.00 (127.70 to 128.70): VU034472.D (-912) (-)

Ion 49.00 (48.70 to 49.70): VU034472.D (-912) (-)

Ion 130.00 (129.70 to 130.70): VU034472.D (-912) (-)

80000

60000

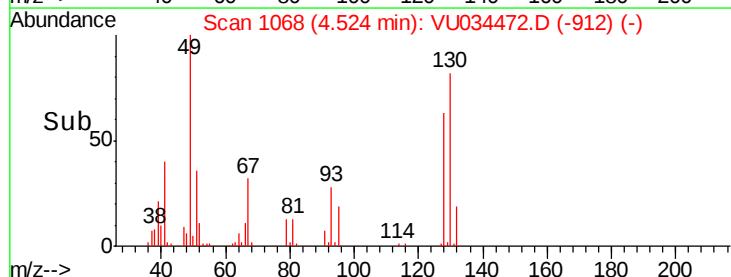
40000

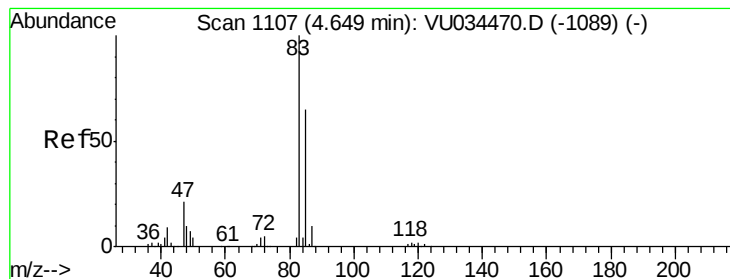
20000

0

4.45 4.50 4.55 4.60

Time-->





#27

Chloroform

Concen: 8.783 ug/l

RT: 4.65 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VU034472.D

Acq: 11 Sep 2019 12:28

Instrument :

MSVOA_U

ClientSampleId :

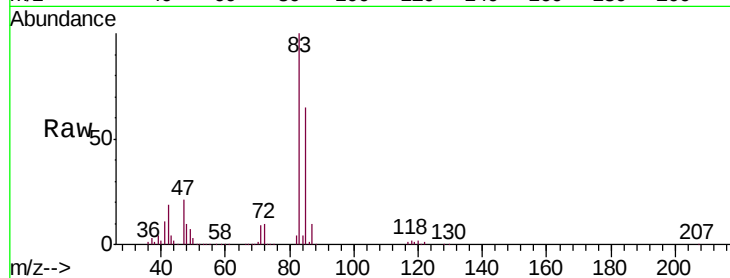
ICVVU091119

Tgt Ion: 83 Resp: 360468

Ion Ratio Lower Upper

83 100

85 65.0 0.0 130.2



Abundance Ion 83.00 (82.70 to 83.70): VU034472.D (-1089) (-)

Ion 85.00 (84.70 to 85.70): VU034472.D (-1089) (-)

4.65

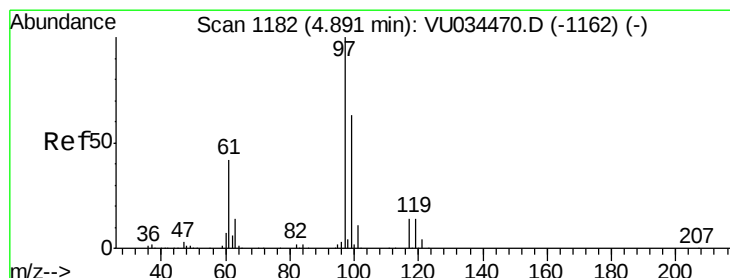
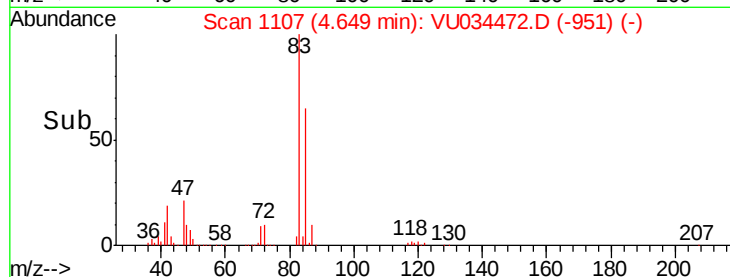
150000

100000

50000

0

Time-->



#28

1,1,1-Trichloroethane

Concen: 9.123 ug/l

RT: 4.89 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VU034472.D

Acq: 11 Sep 2019 12:28

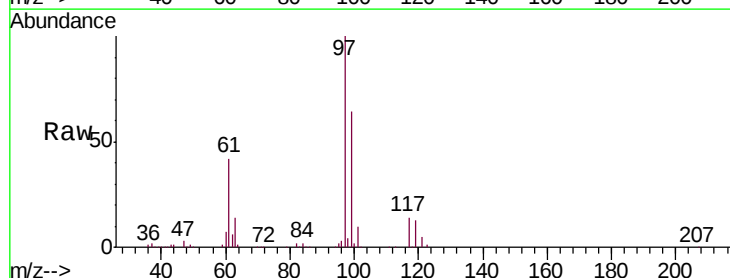
Tgt Ion: 97 Resp: 293654

Ion Ratio Lower Upper

97 100

99 64.8 32.0 96.2

61 42.8 21.4 64.3



Abundance Ion 97.00 (96.70 to 97.70): VU034472.D (-1162) (-)

Ion 99.00 (98.70 to 99.70): VU034472.D (-1162) (-)

Ion 61.00 (60.70 to 61.70): VU034472.D (-1162) (-)

4.89

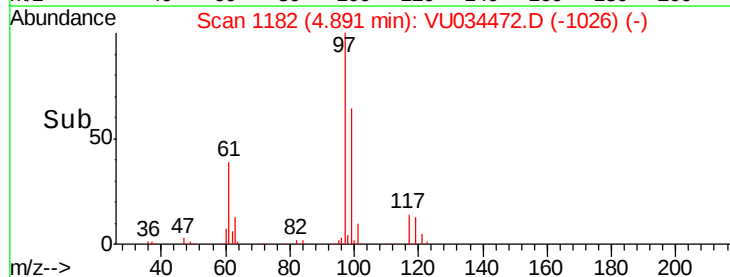
150000

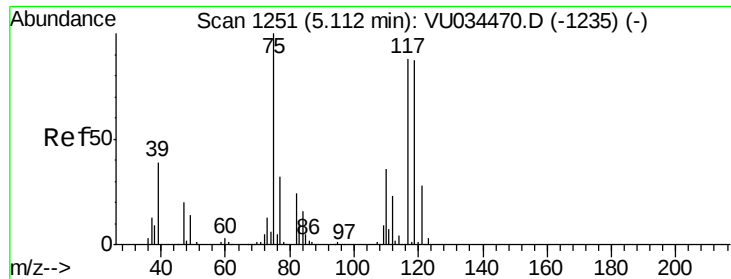
100000

50000

0

Time-->





#29

1,1-Dichloropropene

Concen: 8.168 ug/l

RT: 5.11 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VU034472.D

Acq: 11 Sep 2019 12:28

Instrument :

MSVOA_U

ClientSampleId :

ICVVU091119

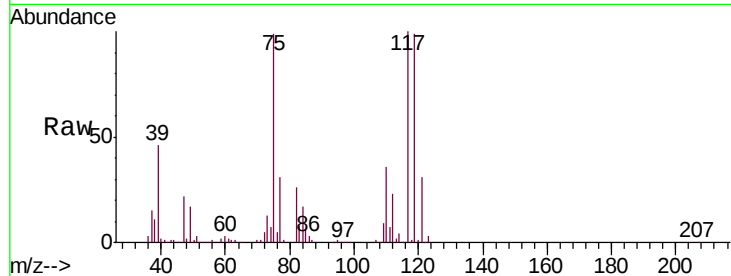
Tgt Ion: 75 Resp: 227194

Ion Ratio Lower Upper

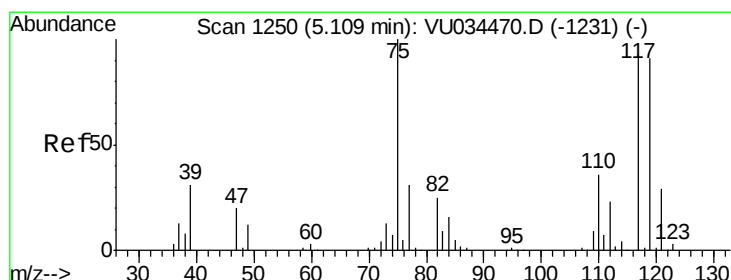
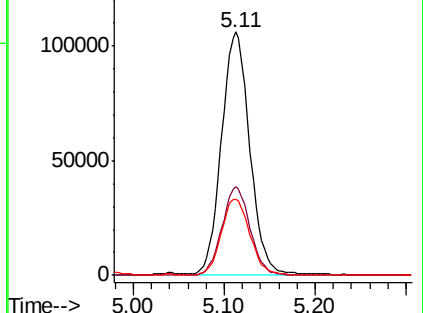
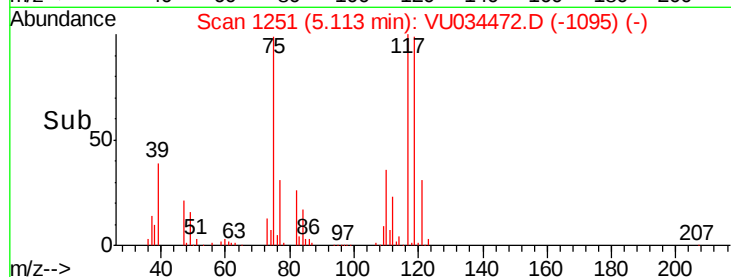
75 100

110 36.5 18.4 55.2

77 31.4 25.0 37.6



Abundance Ion 75.00 (74.70 to 75.70): VU034472.D (-1095) (-)



#30

Carbon Tetrachloride

Concen: 8.749 ug/l

RT: 5.11 min Scan# 1250

Delta R.T. 0.00 min

Lab File: VU034472.D

Acq: 11 Sep 2019 12:28

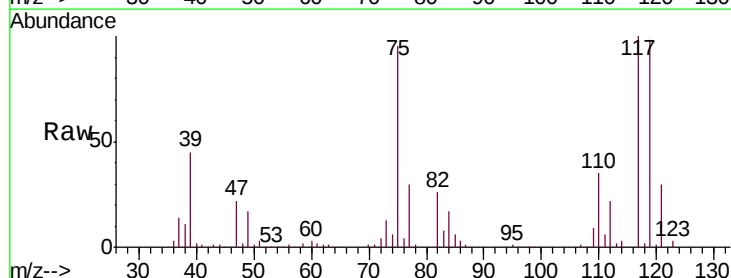
Tgt Ion: 117 Resp: 252374

Ion Ratio Lower Upper

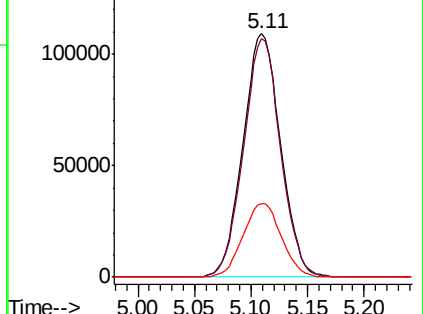
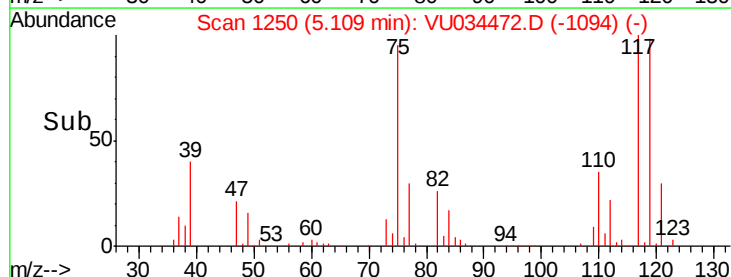
117 100

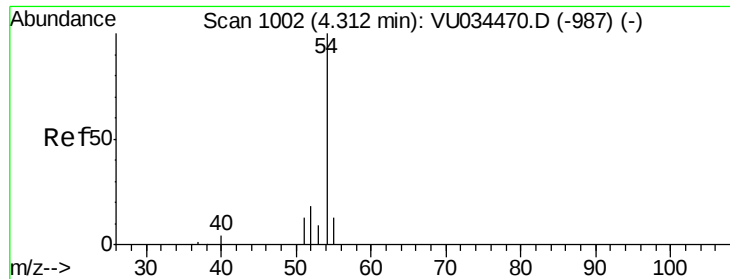
119 97.8 78.5 117.7

121 30.4 25.3 37.9



Abundance Ion 117.00 (116.70 to 117.70): VU034472.D (-1094) (-)

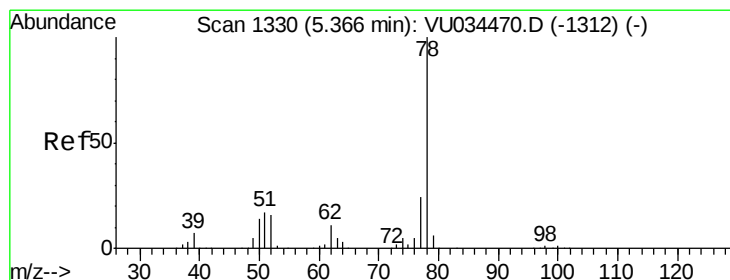
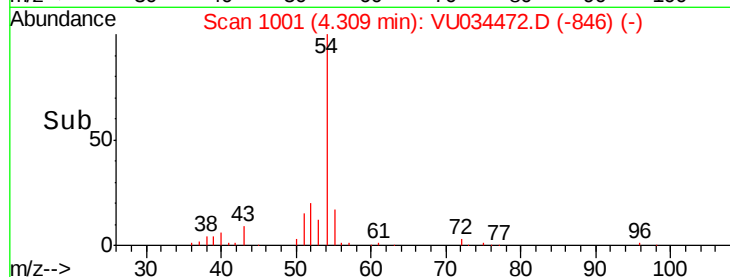
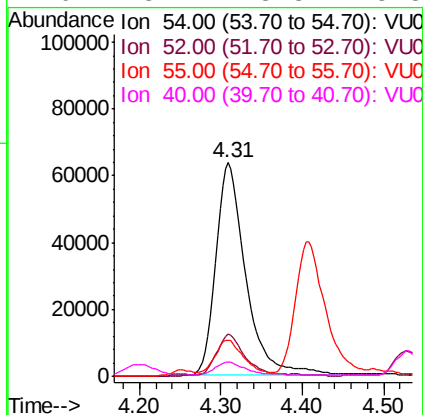
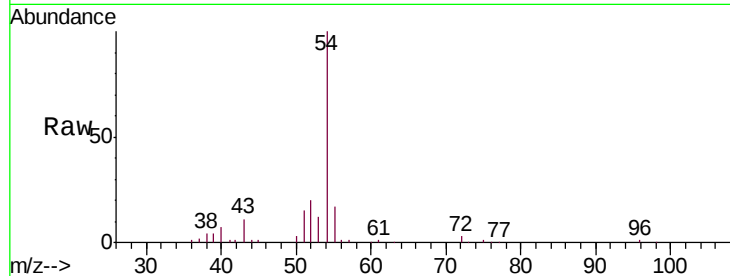




#34
 Propionitrile
 Concen: 125.209 ug/l
 RT: 4.31 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VU034472.D
 Acq: 11 Sep 2019 12:28

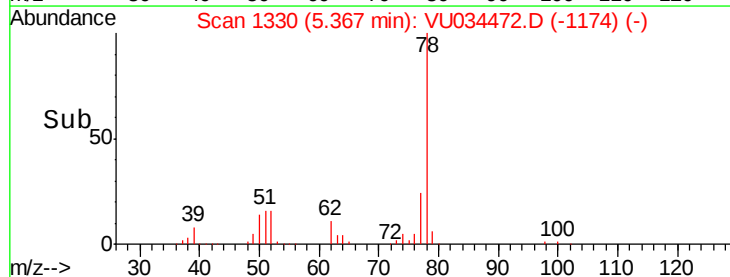
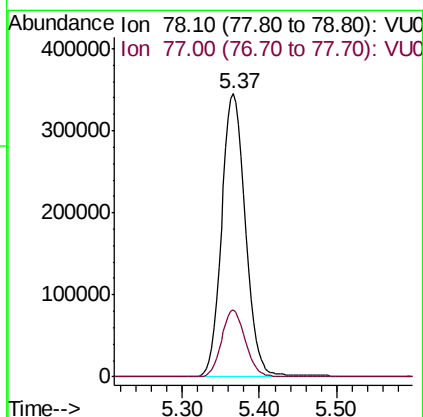
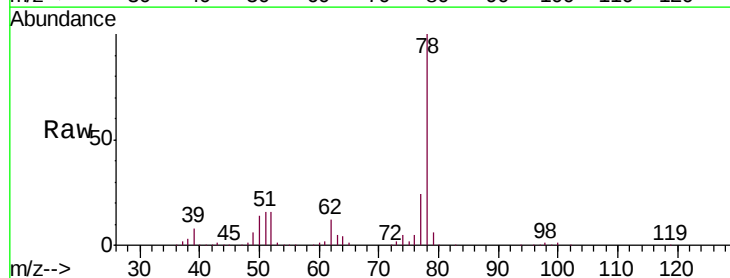
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU091119

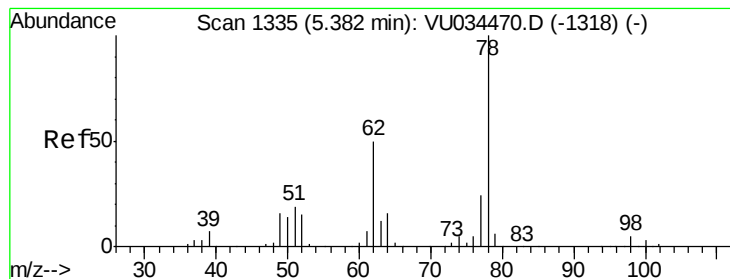
Tgt Ion:	54	Resp:	164849
Ion	Ratio	Lower	Upper
54	100		
52	18.1	14.1	21.1
55	14.6	13.3	19.9
40	5.7	3.8	5.8



#35
 Benzene
 Concen: 8.890 ug/l
 RT: 5.37 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VU034472.D
 Acq: 11 Sep 2019 12:28

Tgt Ion:	78	Resp:	741640
Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.3	28.9





#36

1,2-Dichloroethane

Concen: 9.558 ug/l

RT: 5.38 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VU034472.D

Acq: 11 Sep 2019 12:28

Instrument :

MSVOA_U

ClientSampleId :

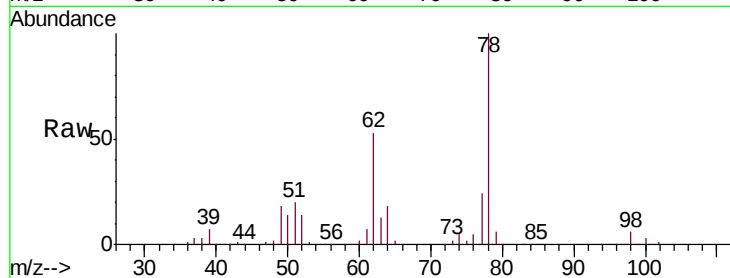
ICVVU091119

Tgt Ion: 62 Resp: 204790

Ion Ratio Lower Upper

62 100

98 9.9 8.0 12.0



Abundance Ion 62.00 (61.70 to 62.70): VU034472.D (-1318) (-)

Ion 98.00 (97.70 to 98.70): VU034472.D (-1318) (-)

5.38

100000

80000

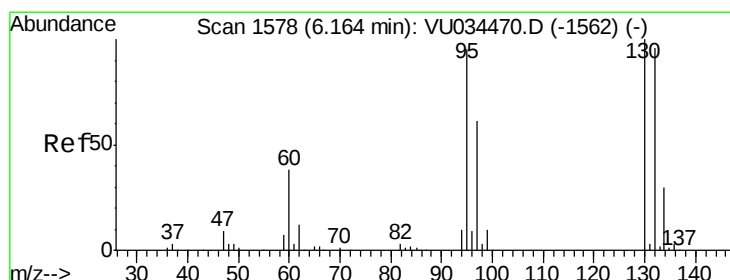
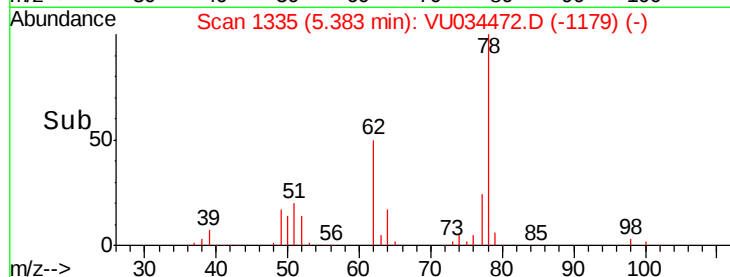
60000

40000

20000

0

Time-->



#37

Trichloroethene

Concen: 8.777 ug/l

RT: 6.16 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VU034472.D

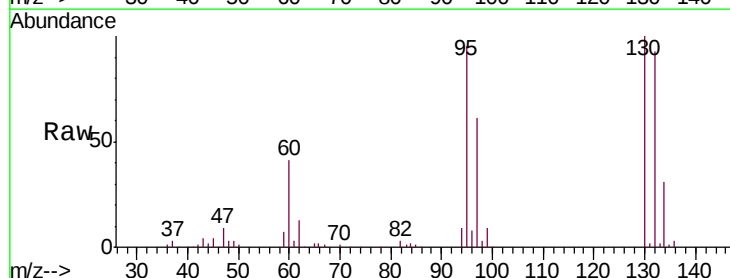
Acq: 11 Sep 2019 12:28

Tgt Ion: 130 Resp: 204866

Ion Ratio Lower Upper

130 100

95 94.6 76.3 114.5



Abundance Ion 129.90 (129.60 to 130.60): VU034472.D (-1562) (-)

Ion 94.90 (94.60 to 95.60): VU034472.D (-1562) (-)

6.16

120000

100000

80000

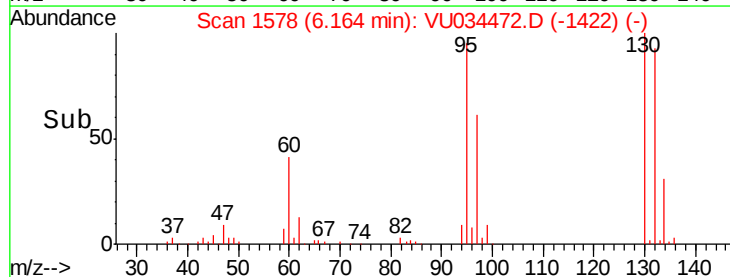
60000

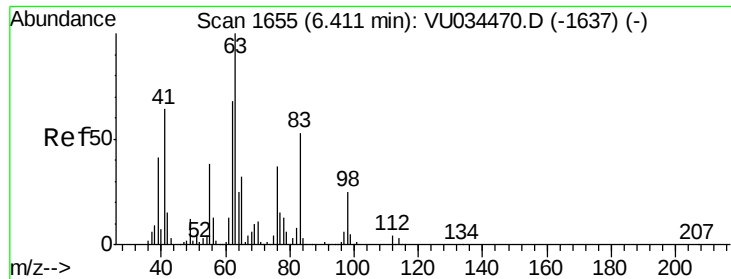
40000

20000

0

Time-->

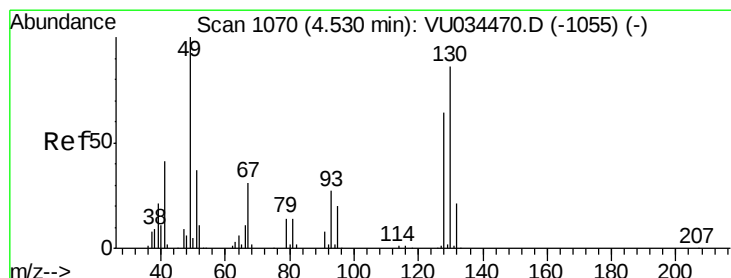
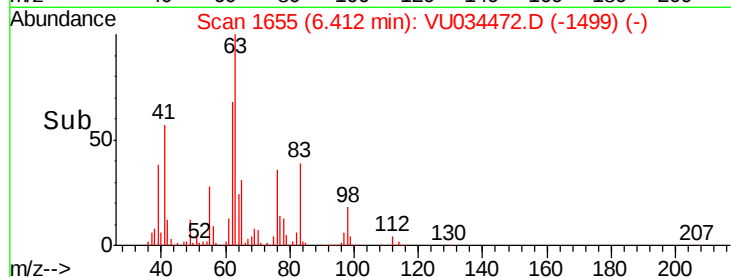
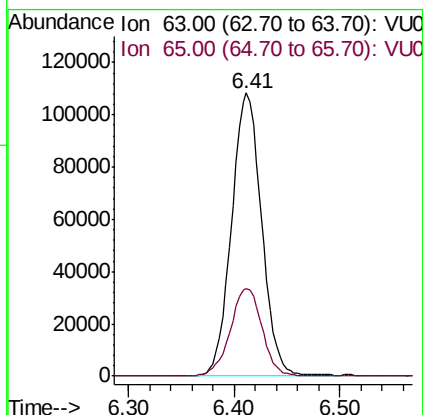
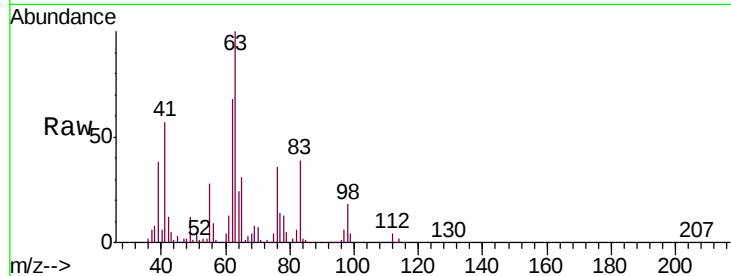




#38
 1,2-Dichloropropane
 Concen: 9.688 ug/l
 RT: 6.41 min Scan# 1655
 Delta R.T. 0.00 min
 Lab File: VU034472.D
 Acq: 11 Sep 2019 12:28

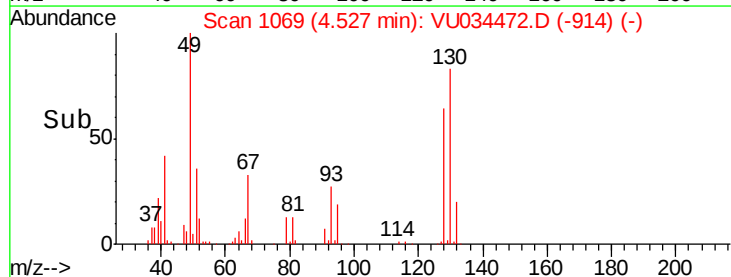
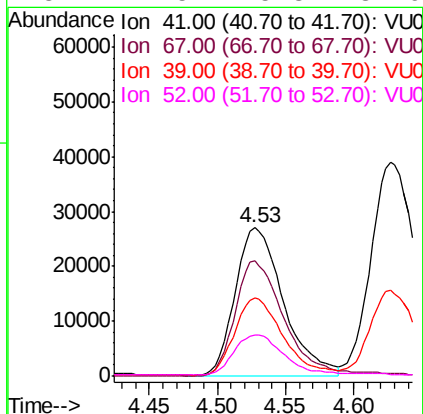
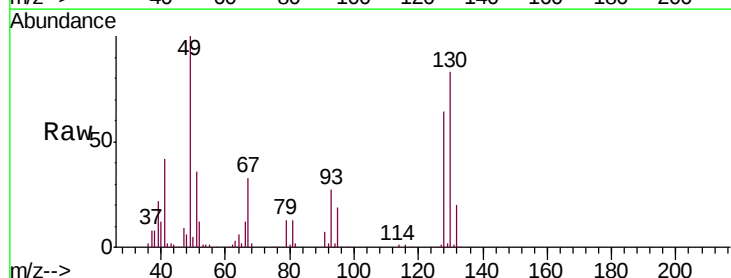
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU091119

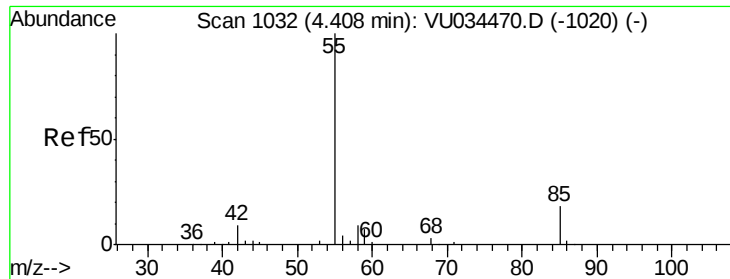
Tgt Ion: 63 Resp: 214109
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.4 38.2



#39
 Methacrylonitrile
 Concen: 12.137 ug/l
 RT: 4.53 min Scan# 1069
 Delta R.T. -0.00 min
 Lab File: VU034472.D
 Acq: 11 Sep 2019 12:28

Tgt Ion: 41 Resp: 66123
 Ion Ratio Lower Upper
 41 100
 67 80.0 62.6 94.0
 39 52.4 41.6 62.4
 52 27.5 25.3 37.9

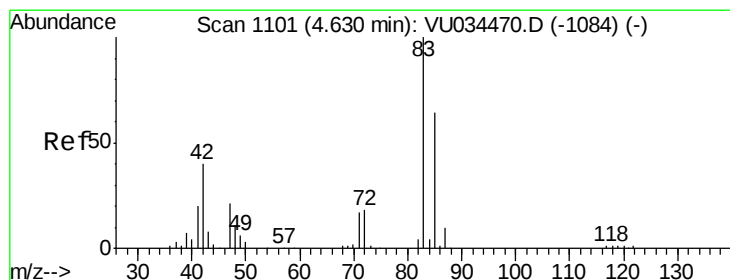
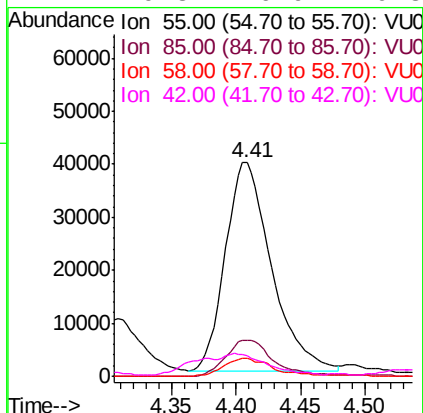
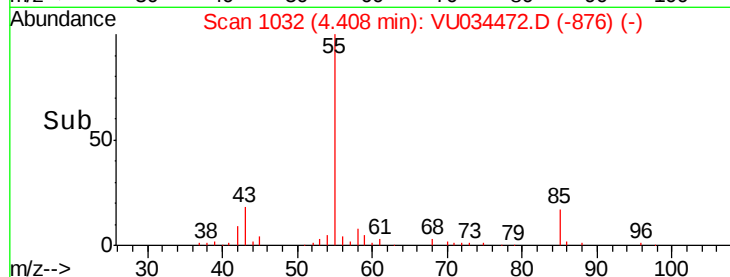
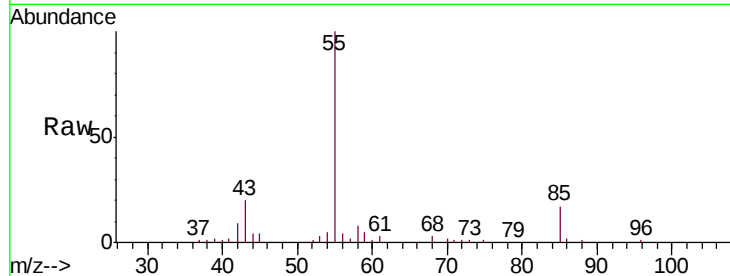




#40
Methyl acrylate
Concen: 11.753 ug/l
RT: 4.41 min Scan# 1032
Delta R.T. 0.00 min
Lab File: VU034472.D
Acq: 11 Sep 2019 12:28

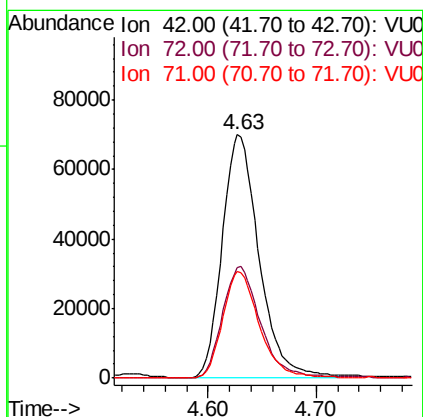
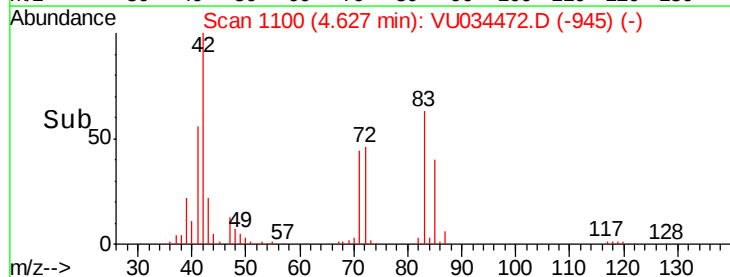
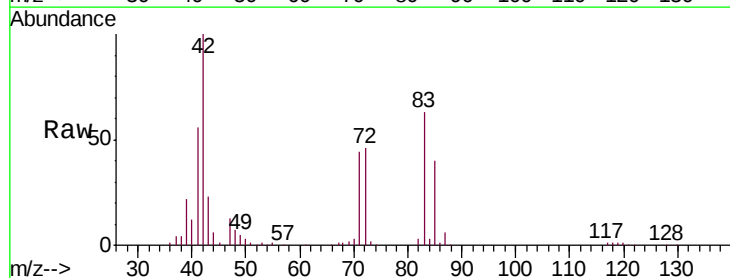
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091119

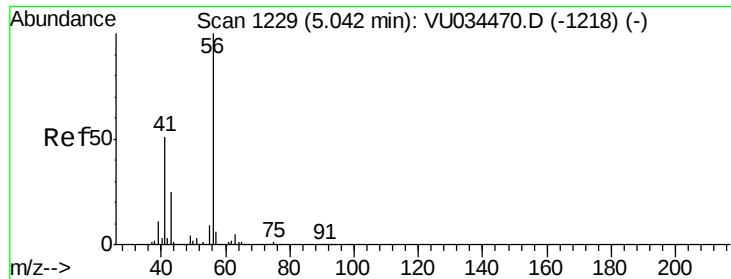
Tgt Ion:	55	Resp:	97560
Ion	Ratio	Lower	Upper
55	100		
85	17.9	13.8	20.6
58	9.2	7.0	10.6
42	9.3	6.9	10.3



#41
Tetrahydrofuran
Concen: 59.122 ug/l
RT: 4.63 min Scan# 1100
Delta R.T. -0.00 min
Lab File: VU034472.D
Acq: 11 Sep 2019 12:28

Tgt Ion:	42	Resp:	165033
Ion	Ratio	Lower	Upper
42	100		
72	47.5	39.6	59.4
71	44.1	33.6	50.4





#42

1-Chlorobutane

Concen: 8.572 ug/l

RT: 5.04 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VU034472.D

Acq: 11 Sep 2019 12:28

Instrument :

MSVOA_U

ClientSampleId :

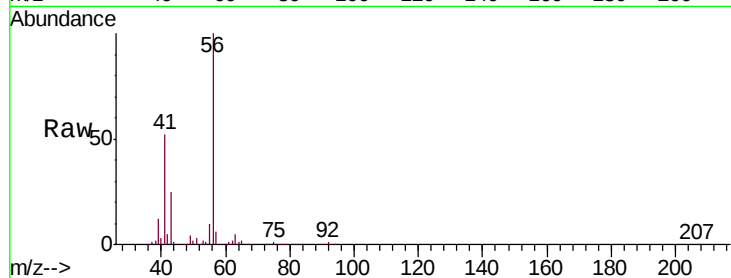
ICVVU091119

Tgt Ion: 56 Resp: 324008

Ion Ratio Lower Upper

56 100

41 52.2 25.5 76.5



Abundance Ion 56.00 (55.70 to 56.70): VU034472.D (-1218) (-)

Ion 41.00 (40.70 to 41.70): VU034472.D (-1218) (-)

5.04

150000

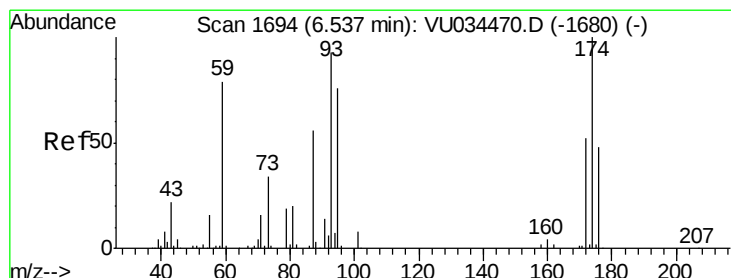
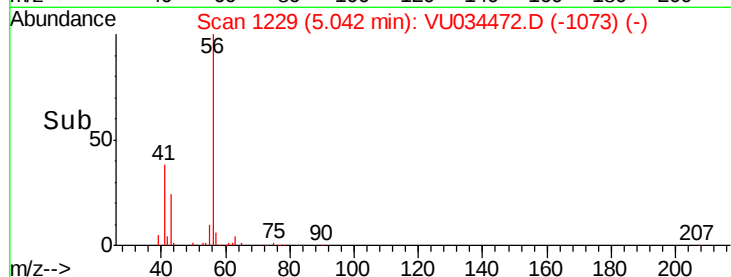
100000

50000

0

4.95 5.00 5.05 5.10 5.15

Time-->



#43

Dibromomethane

Concen: 9.669 ug/l

RT: 6.54 min Scan# 1694

Delta R.T. 0.00 min

Lab File: VU034472.D

Acq: 11 Sep 2019 12:28

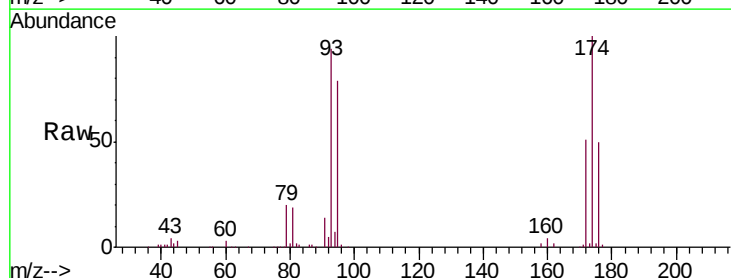
Tgt Ion: 93 Resp: 100579

Ion Ratio Lower Upper

93 100

95 83.4 67.1 100.7

174 107.2 88.7 133.1



Abundance Ion 93.00 (92.70 to 93.70): VU034472.D (-1680) (-)

Ion 95.00 (94.70 to 95.70): VU034472.D (-1680) (-)

Ion 174.00 (173.70 to 174.70): VU034472.D (-1680) (-)

6.54

60000

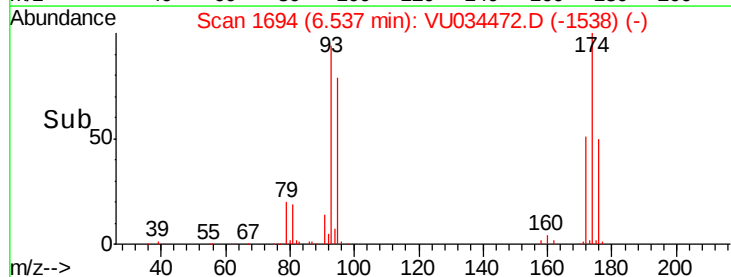
40000

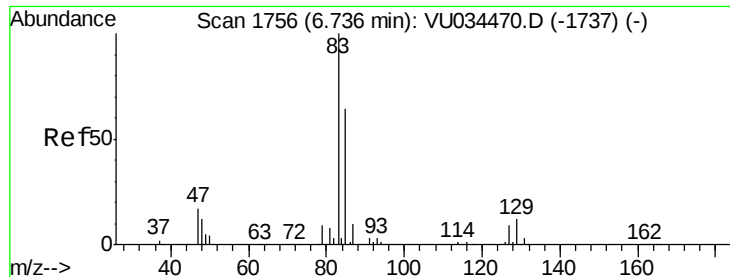
20000

0

6.45 6.50 6.55 6.60 6.65

Time-->





#44

Bromodichloromethane

Concen: 10.111 ug/l

RT: 6.74 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VU034472.D

Acq: 11 Sep 2019 12:28

Instrument :

MSVOA_U

ClientSampleId :

ICVVU091119

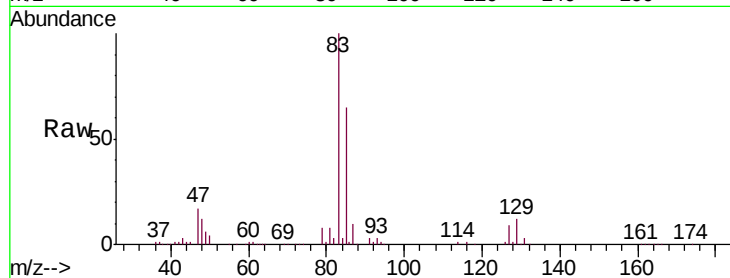
Tgt Ion: 83 Resp: 270258

Ion Ratio Lower Upper

83 100

85 64.7 51.1 76.7

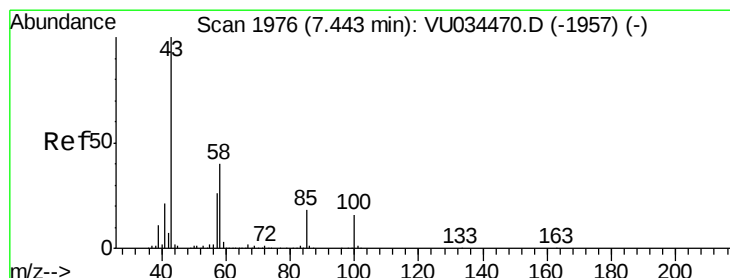
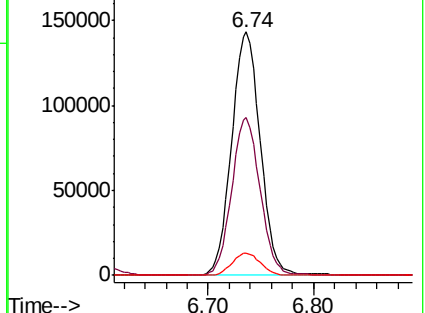
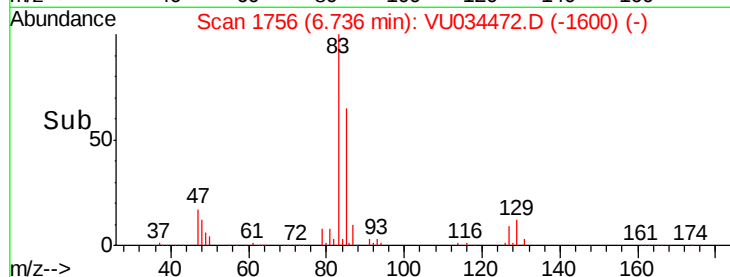
127 9.1 7.1 10.7



Abundance Ion 83.00 (82.70 to 83.70): VU034472.D (-1600) (-)

Ion 85.00 (84.70 to 85.70): VU034472.D (-1600) (-)

Ion 127.00 (126.70 to 127.70): VU034472.D (-1600) (-)



#45

4-Methyl-2-Pentanone

Concen: 62.031 ug/l

RT: 7.44 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VU034472.D

Acq: 11 Sep 2019 12:28

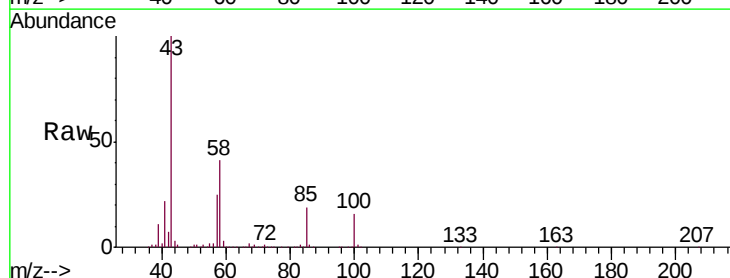
Tgt Ion: 43 Resp: 654264

Ion Ratio Lower Upper

43 100

58 40.6 20.2 60.6

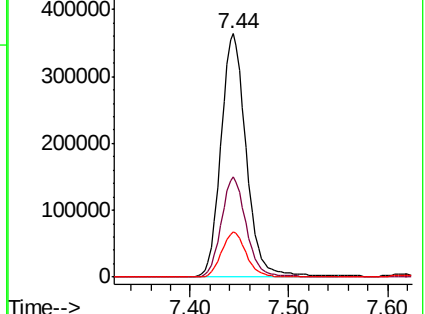
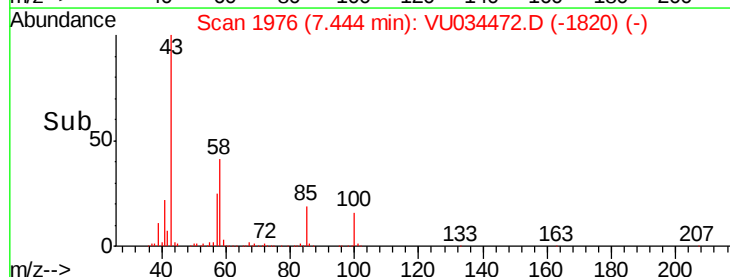
85 18.3 14.6 21.8

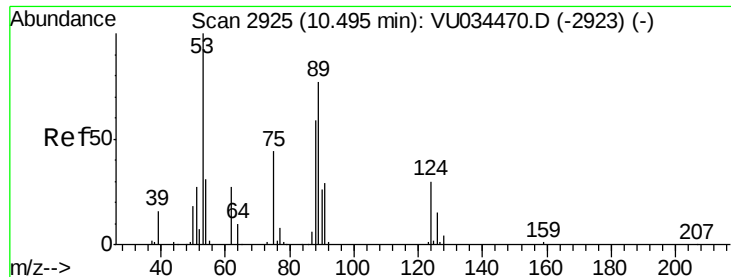


Abundance Ion 43.00 (42.70 to 43.70): VU034472.D (-1820) (-)

Ion 58.00 (57.70 to 58.70): VU034472.D (-1820) (-)

Ion 85.00 (84.70 to 85.70): VU034472.D (-1820) (-)

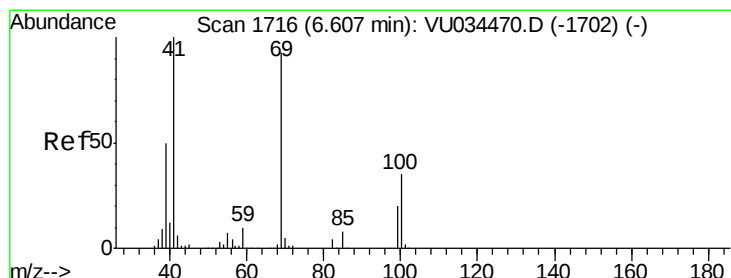
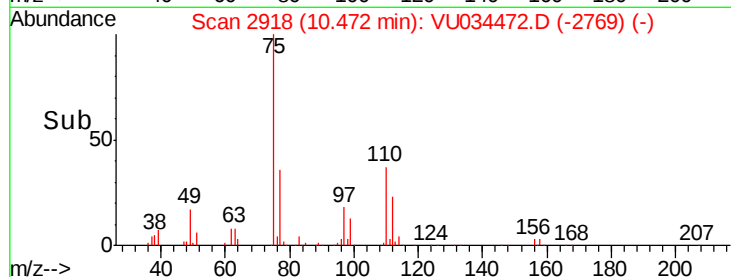
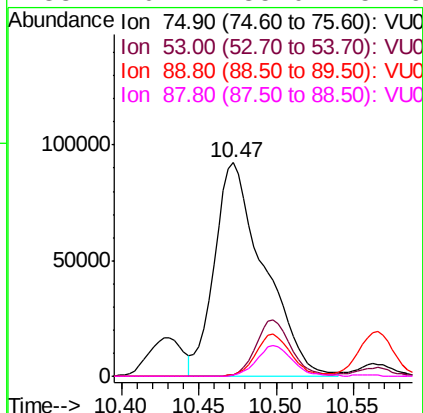
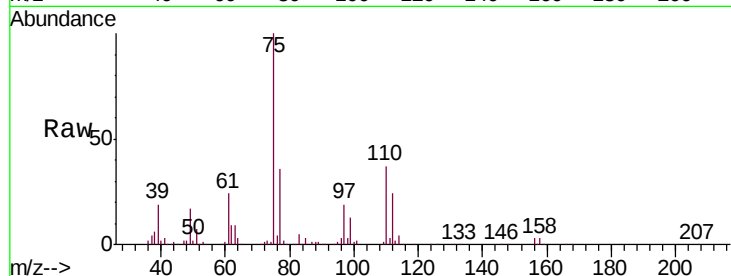




#46
t-1,4-Dichloro-2-butene
Concen: 49.005 ug/l
RT: 10.47 min Scan# 2918
Delta R.T. -0.02 min
Lab File: VU034472.D
Acq: 11 Sep 2019 12:28

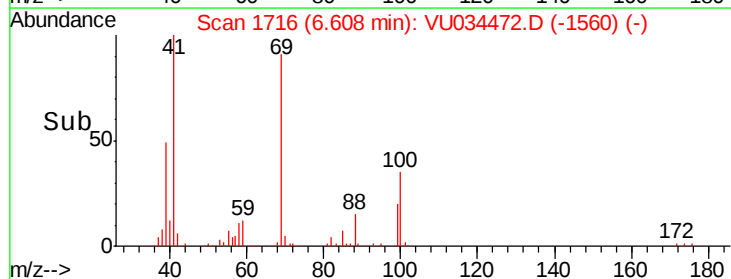
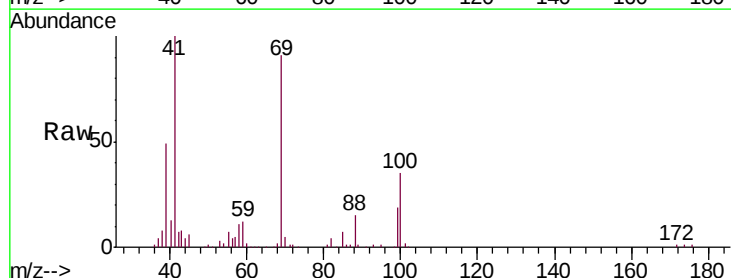
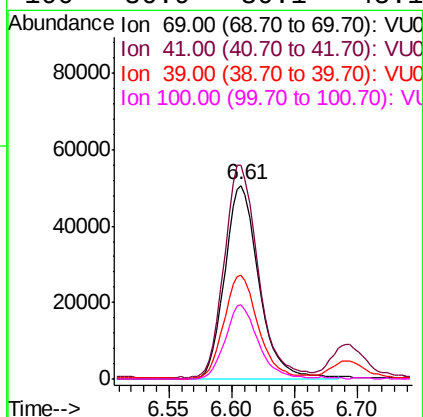
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091119

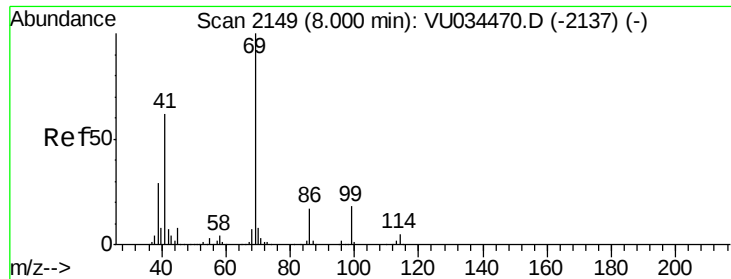
Tgt Ion	Ratio	Resp	Lower	Upper
75	100	206011		
53	18.7	63.3	94.9#	
89	14.1	46.2	69.2#	
88	10.4	35.0	52.6#	



#47
Methyl methacrylate
Concen: 11.549 ug/l
RT: 6.61 min Scan# 1716
Delta R.T. 0.00 min
Lab File: VU034472.D
Acq: 11 Sep 2019 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	95833		
41	107.8	0.0	212.8	
39	53.5	43.0	64.4	
100	36.9	30.1	45.1	

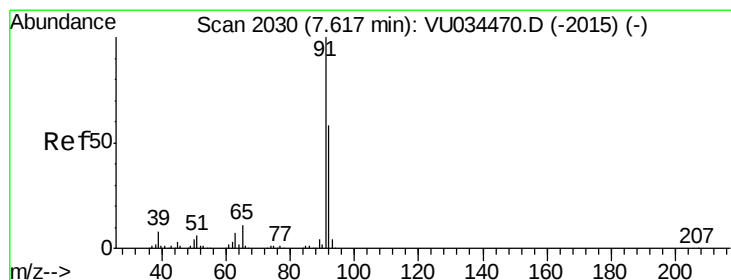
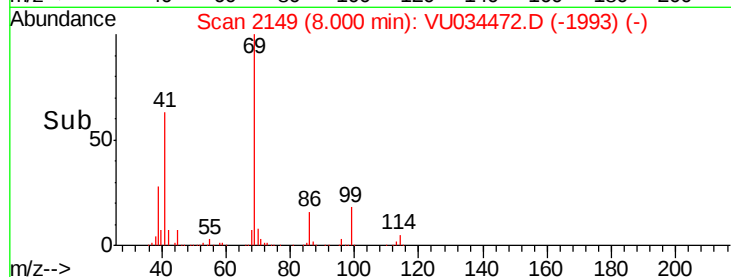
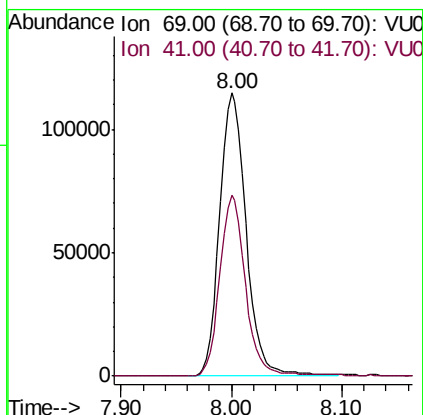
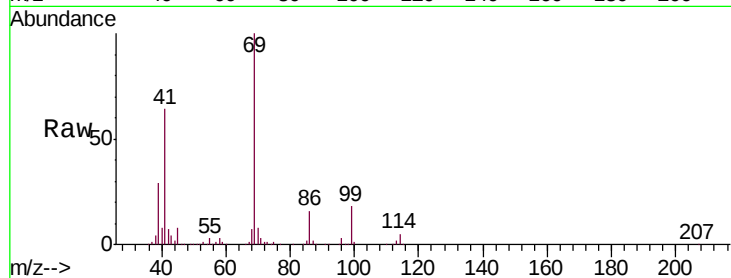




#48
Ethyl methacrylate
Concen: 12.855 ug/l
RT: 8.00 min Scan# 2149
Delta R.T. 0.00 min
Lab File: VU034472.D
Acq: 11 Sep 2019 12:28

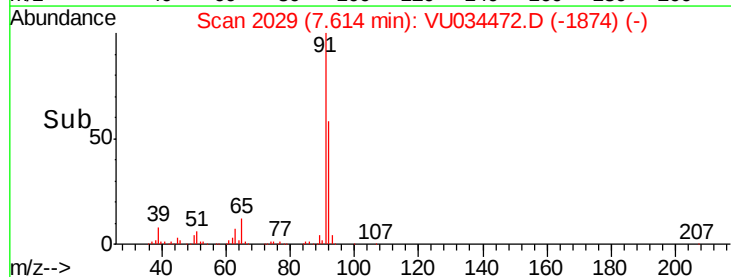
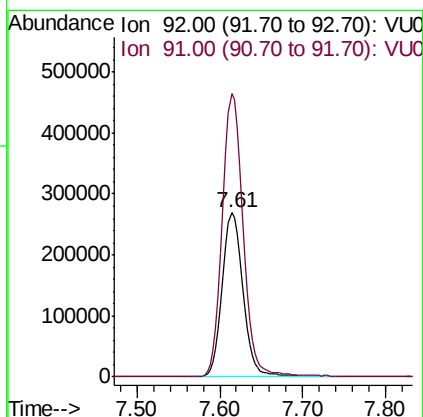
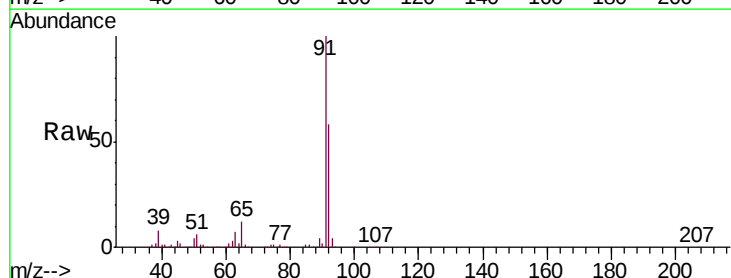
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091119

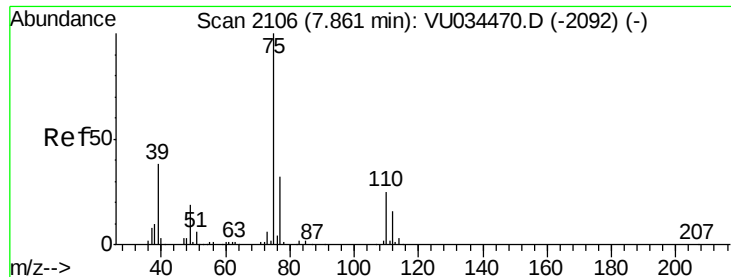
Tgt Ion: 69 Resp: 191674
Ion Ratio Lower Upper
69 100
41 62.4 30.6 91.8



#49
Toluene
Concen: 9.653 ug/l
RT: 7.61 min Scan# 2029
Delta R.T. -0.00 min
Lab File: VU034472.D
Acq: 11 Sep 2019 12:28

Tgt Ion: 92 Resp: 469828
Ion Ratio Lower Upper
92 100
91 173.3 138.6 208.0





#50

t-1,3-Dichloropropene

Concen: 11.280 ug/l

RT: 7.86 min Scan# 2105

Delta R.T. -0.00 min

Lab File: VU034472.D

Acq: 11 Sep 2019 12:28

Instrument :

MSVOA_U

ClientSampleId :

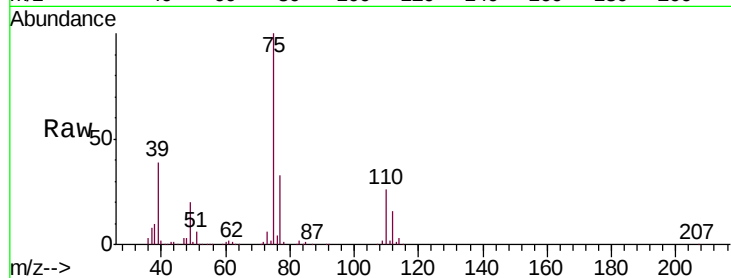
ICVVU091119

Tgt Ion: 75 Resp: 248274

Ion Ratio Lower Upper

75 100

77 32.9 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

7.86

150000

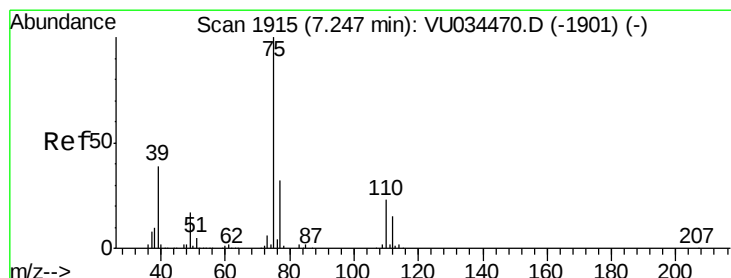
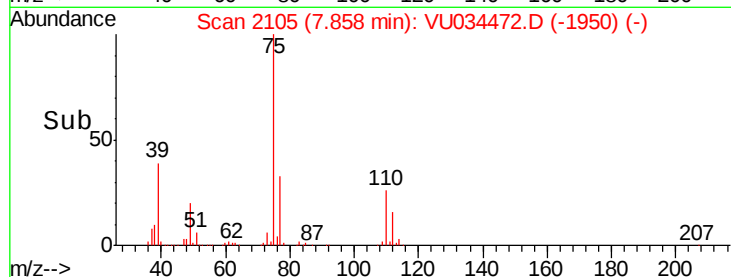
100000

50000

0

7.80 7.90 8.00

Time-->



#51

cis-1,3-Dichloropropene

Concen: 10.659 ug/l

RT: 7.25 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VU034472.D

Acq: 11 Sep 2019 12:28

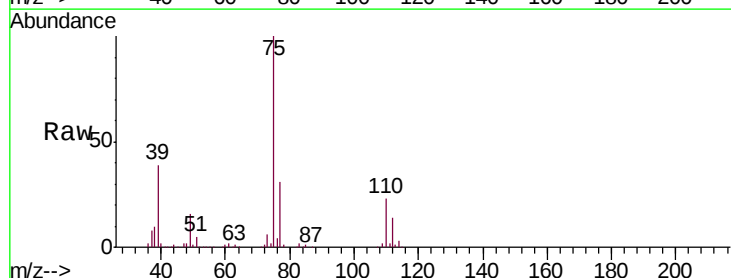
Tgt Ion: 75 Resp: 295265

Ion Ratio Lower Upper

75 100

77 31.3 25.3 37.9

39 39.0 31.0 46.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

7.25

200000

150000

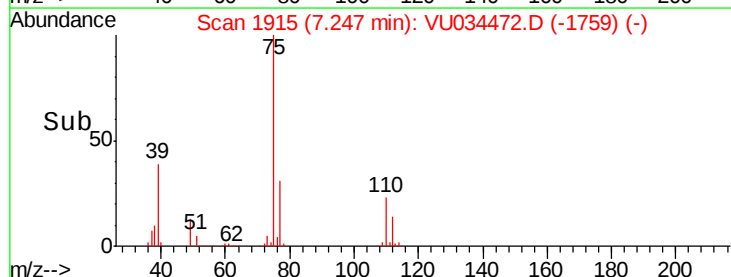
100000

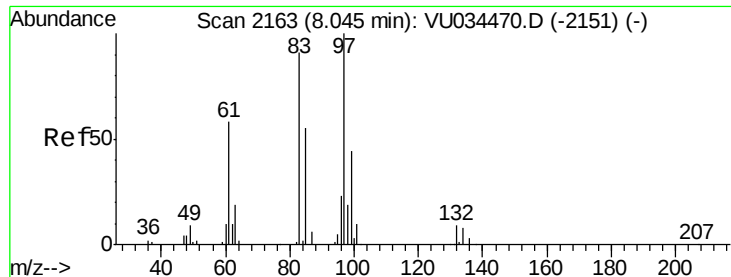
50000

0

7.20 7.30 7.40

Time-->

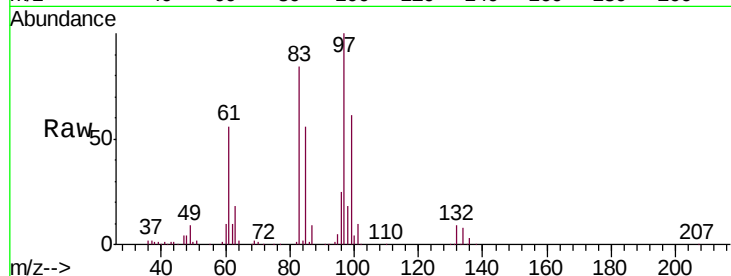




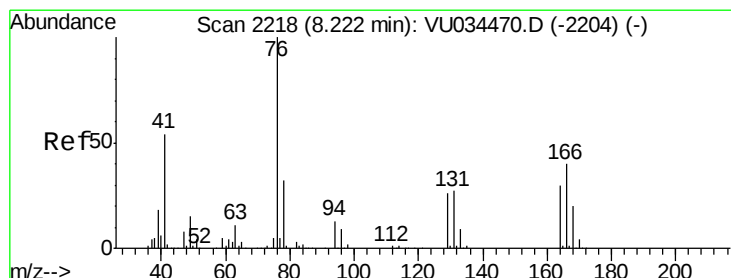
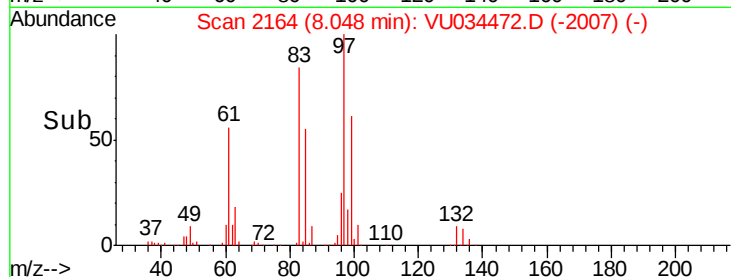
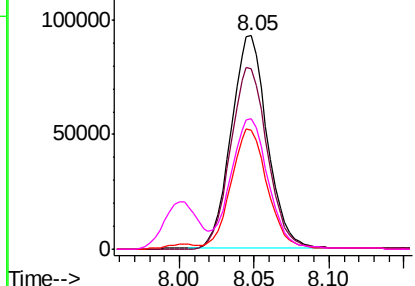
#52
 1,1,2-Trichloroethane
 Concen: 10.753 ug/l
 RT: 8.05 min Scan# 2164
 Delta R.T. 0.00 min
 Lab File: VU034472.D
 Acq: 11 Sep 2019 12:28

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU091119

Tgt Ion: 97 Resp: 155344
 Ion Ratio Lower Upper
 97 100
 83 84.6 72.5 108.7
 85 55.4 45.4 68.0
 99 60.8 51.3 76.9

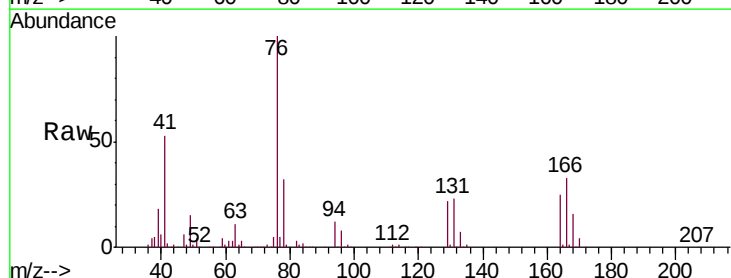


Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 82.95 (82.65 to 83.65): VU0
 Ion 84.95 (84.65 to 85.65): VU0
 Ion 98.95 (98.65 to 99.65): VU0

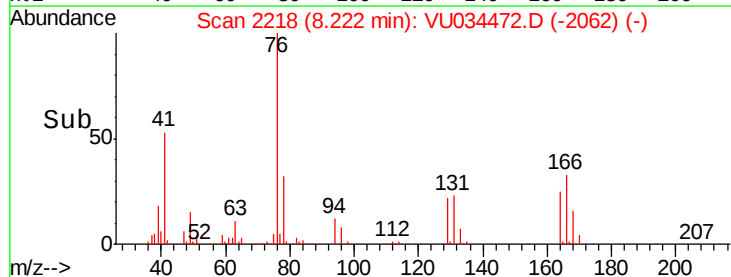
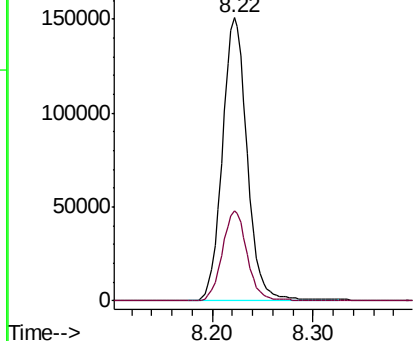


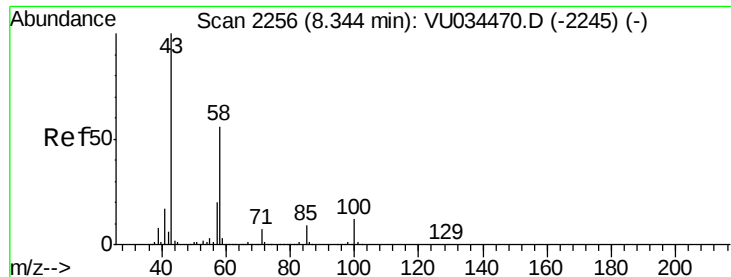
#53
 1,3-Dichloropropane
 Concen: 10.748 ug/l
 RT: 8.22 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: VU034472.D
 Acq: 11 Sep 2019 12:28

Tgt Ion: 76 Resp: 259646
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.1 39.1



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

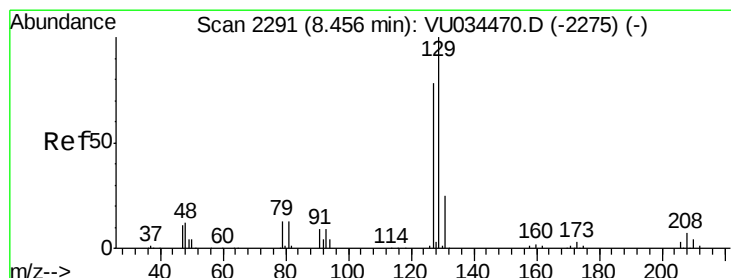
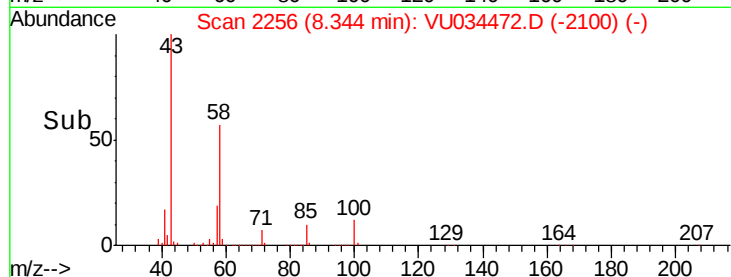
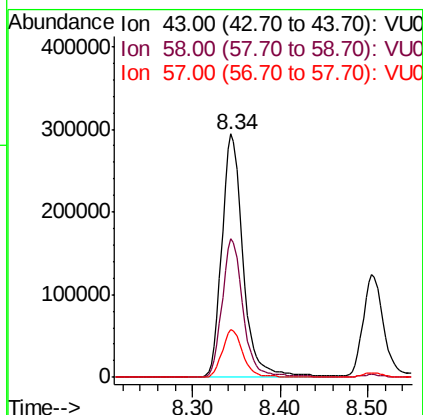
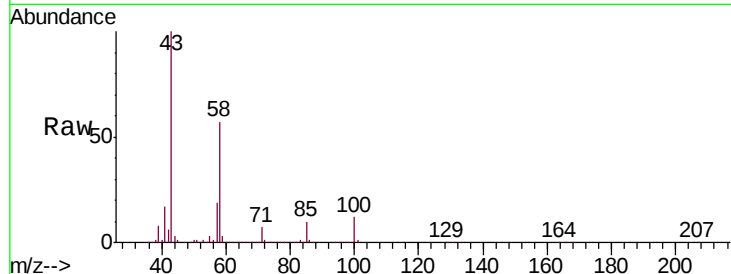




#54
2-Hexanone
Concen: 70.069 ug/l
RT: 8.34 min Scan# 2256
Delta R.T. 0.00 min
Lab File: VU034472.D
Acq: 11 Sep 2019 12:28

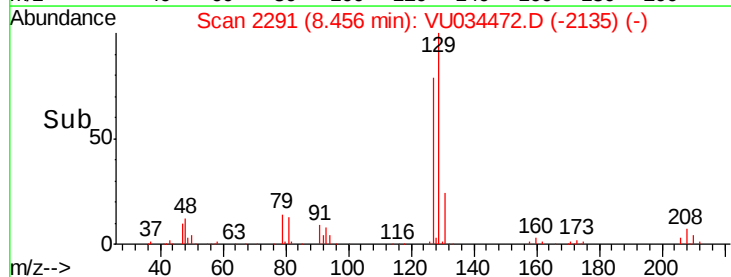
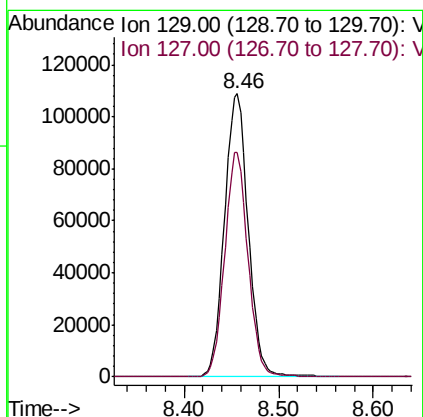
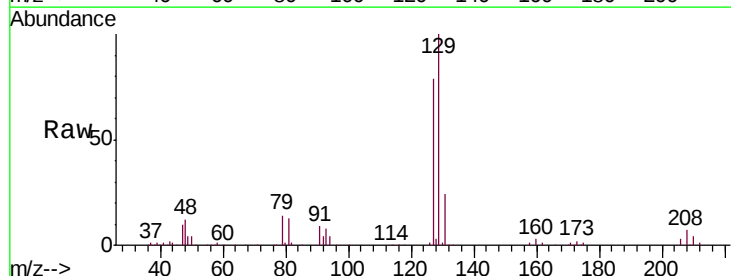
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091119

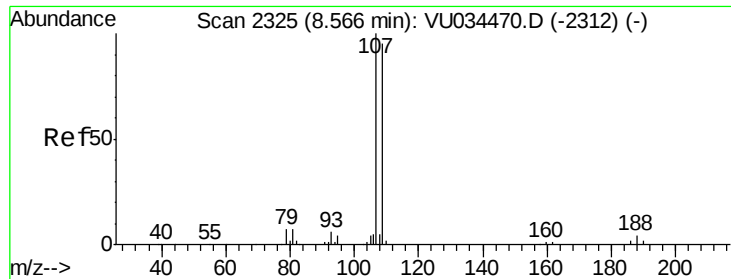
Tgt Ion: 43 Resp: 495394
Ion Ratio Lower Upper
43 100
58 56.5 36.4 76.4
57 19.4 0.0 39.5



#55
Dibromochloromethane
Concen: 10.786 ug/l
RT: 8.46 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU034472.D
Acq: 11 Sep 2019 12:28

Tgt Ion: 129 Resp: 189321
Ion Ratio Lower Upper
129 100
127 78.5 60.9 91.3

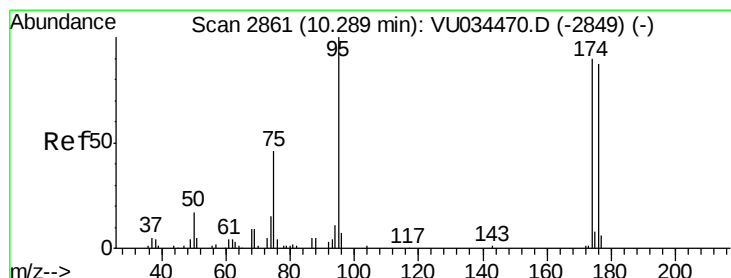
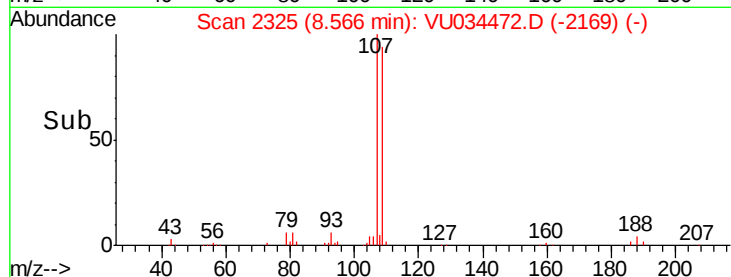
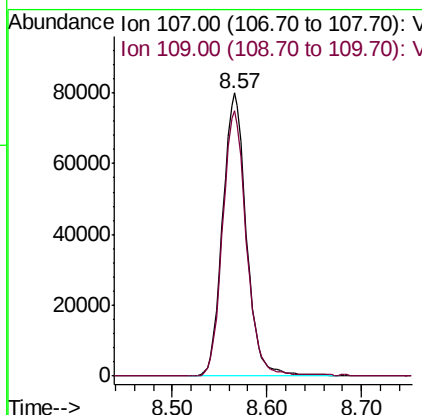
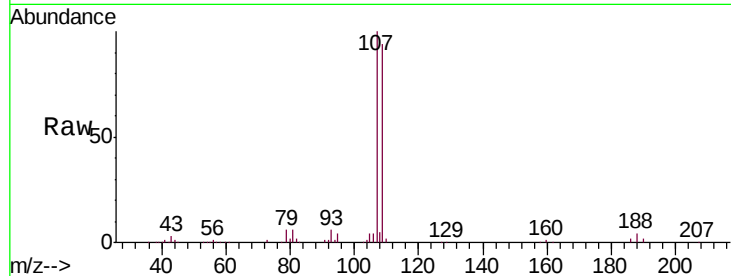




#56
 1,2-Dibromoethane
 Concen: 10.538 ug/l
 RT: 8.57 min Scan# 2325
 Delta R.T. 0.00 min
 Lab File: VU034472.D
 Acq: 11 Sep 2019 12:28

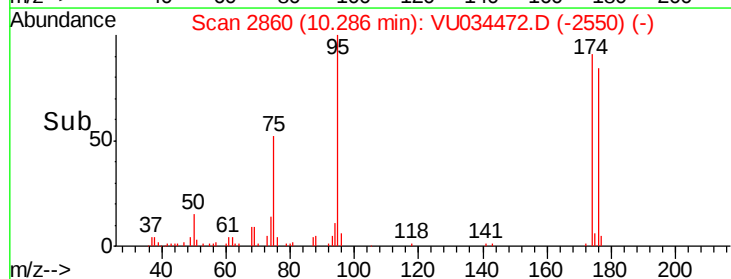
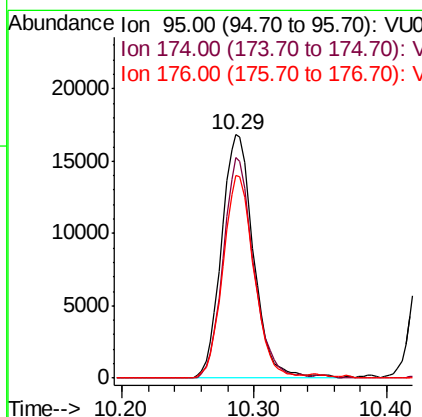
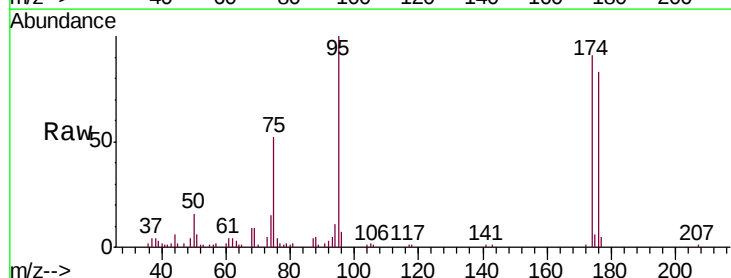
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU091119

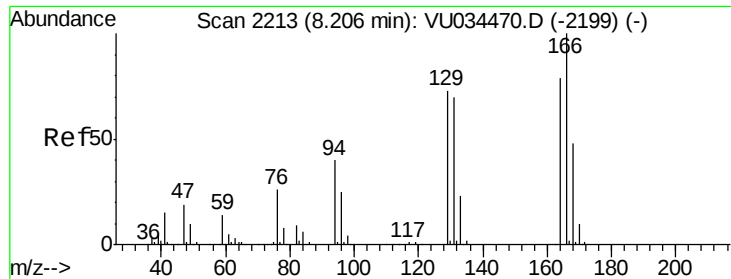
Tgt Ion: 107 Resp: 139683
 Ion Ratio Lower Upper
 107 100
 109 94.1 0.0 190.8



#57
 4-Bromofluorobenzene
 Concen: 1.049 ug/l
 RT: 10.29 min Scan# 2860
 Delta R.T. -0.00 min
 Lab File: VU034472.D
 Acq: 11 Sep 2019 12:28

Tgt Ion: 95 Resp: 28261
 Ion Ratio Lower Upper
 95 100
 174 85.9 70.1 105.1
 176 80.5 67.7 101.5





#58

Tetrachloroethene

Concen: 8.753 ug/l

RT: 8.21 min Scan# 2213

Delta R.T. 0.00 min

Lab File: VU034472.D

Acq: 11 Sep 2019 12:28

Instrument :

MSVOA_U

ClientSampleId :

ICVVU091119

Tgt Ion:164 Resp: 194153

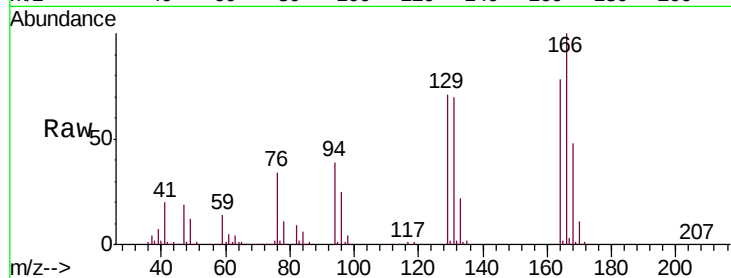
Ion Ratio Lower Upper

164 100

166 128.3 101.5 152.3

129 90.7 73.8 110.8

131 90.0 71.5 107.3

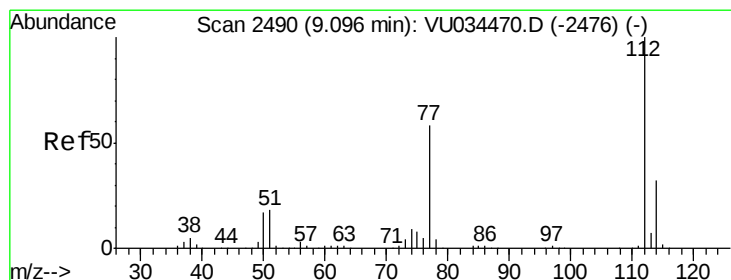
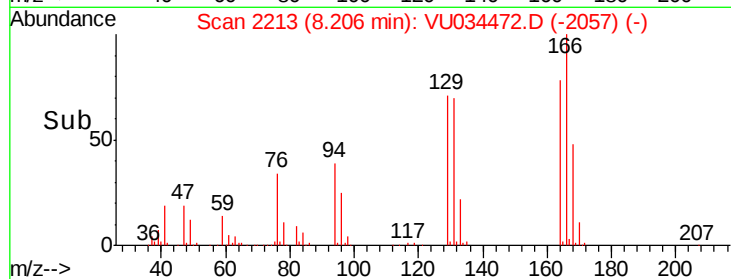
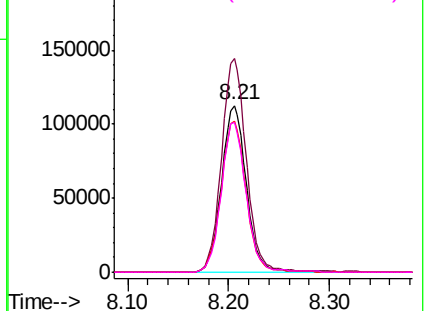


Abundance Ion 163.85 (163.55 to 164.55): V

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: 9.949 ug/l

RT: 9.10 min Scan# 2490

Delta R.T. 0.00 min

Lab File: VU034472.D

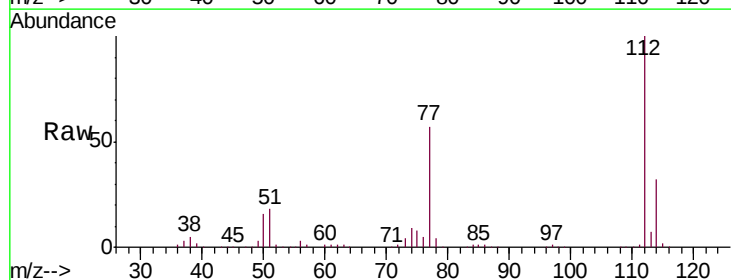
Acq: 11 Sep 2019 12:28

Tgt Ion:112 Resp: 539537

Ion Ratio Lower Upper

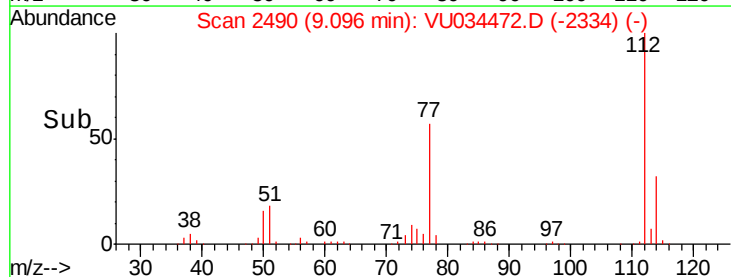
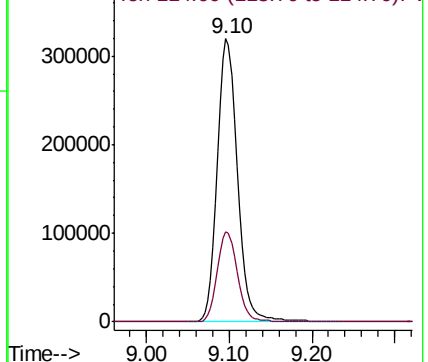
112 100

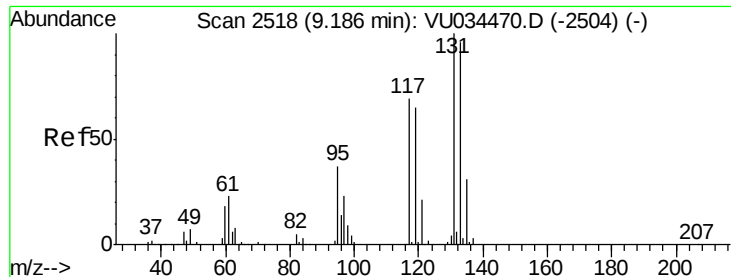
114 32.0 25.6 38.4



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

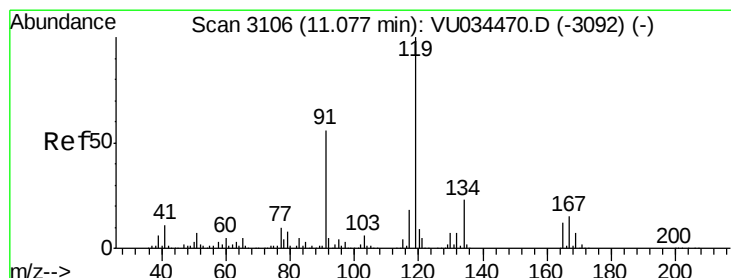
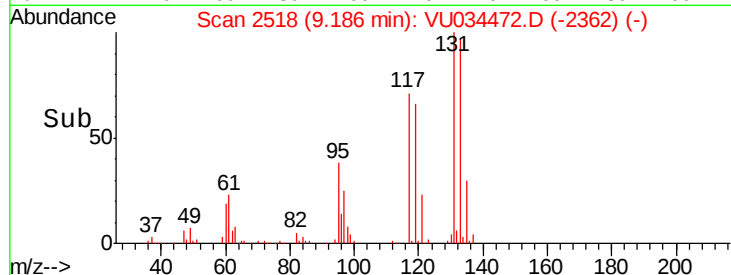
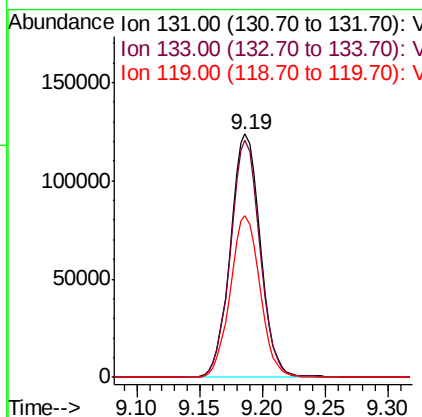
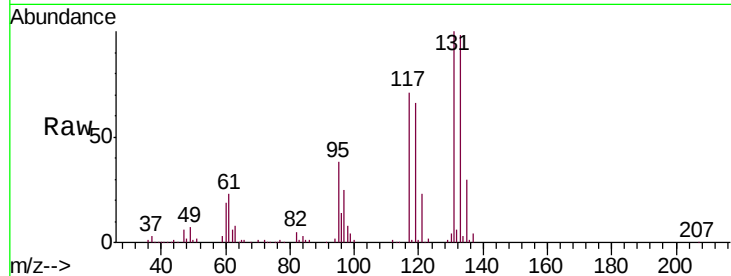




#60
 1,1,1,2-Tetrachloroethane
 Concen: 10.239 ug/l
 RT: 9.19 min Scan# 2518
 Delta R.T. 0.00 min
 Lab File: VU034472.D
 Acq: 11 Sep 2019 12:28

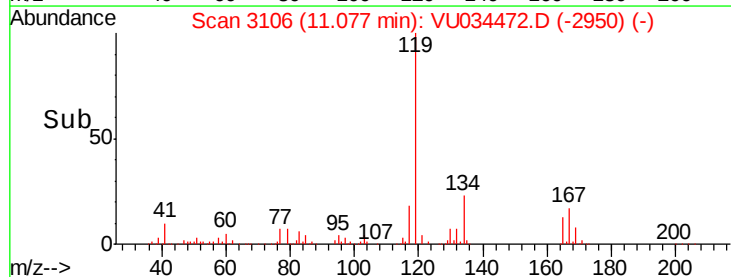
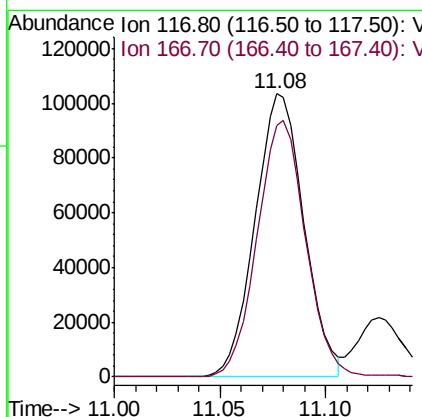
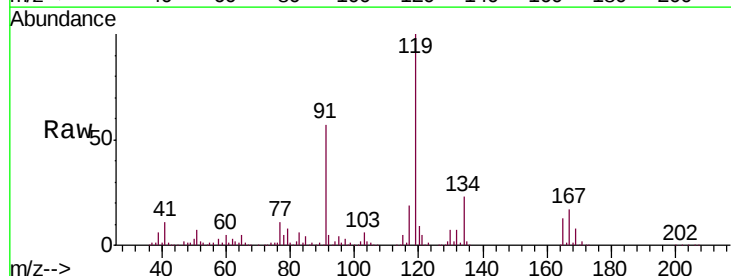
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU091119

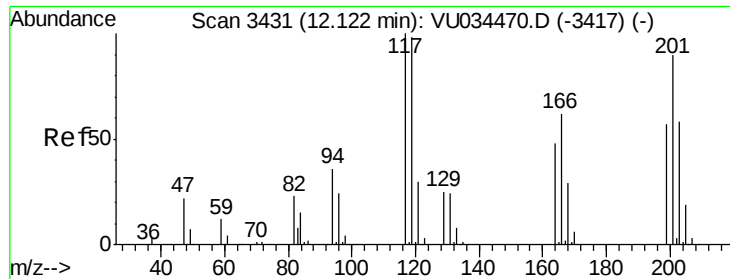
Tgt Ion:131 Resp: 205644
 Ion Ratio Lower Upper
 131 100
 133 96.4 76.8 115.2
 119 66.0 52.4 78.6



#61
 Pentachloroethane
 Concen: 10.258 ug/l
 RT: 11.08 min Scan# 3106
 Delta R.T. 0.00 min
 Lab File: VU034472.D
 Acq: 11 Sep 2019 12:28

Tgt Ion:117 Resp: 166763
 Ion Ratio Lower Upper
 117 100
 167 90.0 70.7 106.1

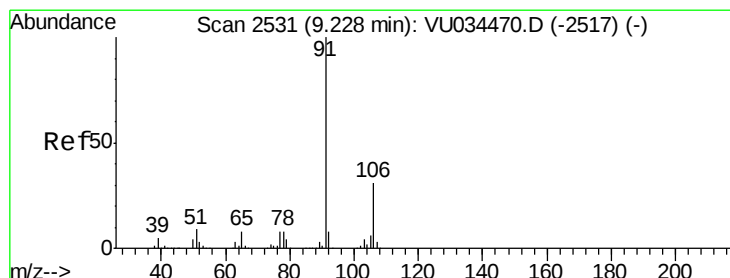
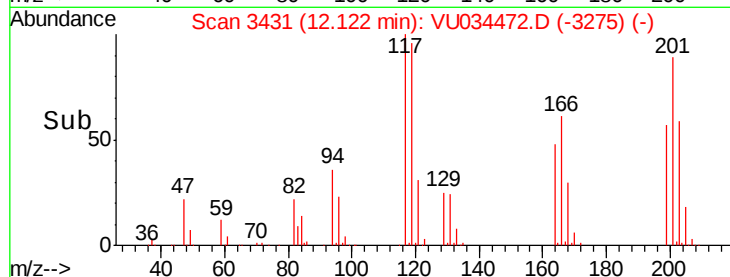
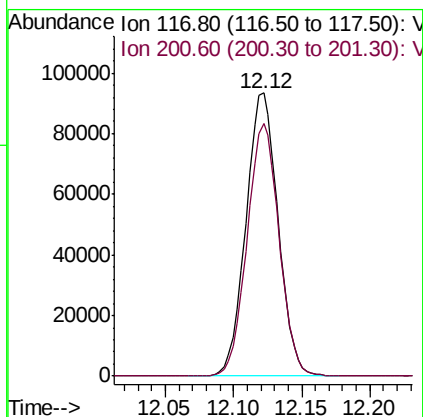
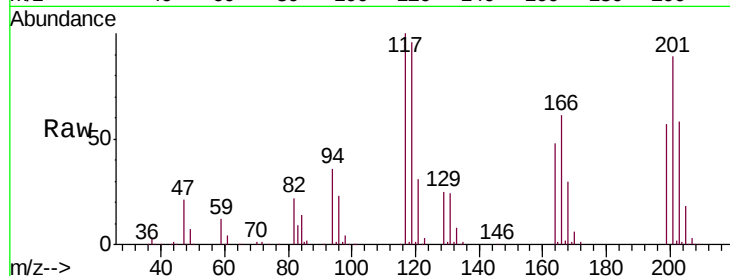




#62
Hexachloroethane
Concen: 10.591 ug/l
RT: 12.12 min Scan# 3431
Delta R.T. 0.00 min
Lab File: VU034472.D
Acq: 11 Sep 2019 12:28

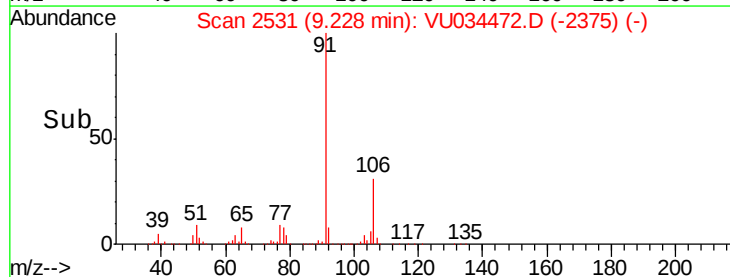
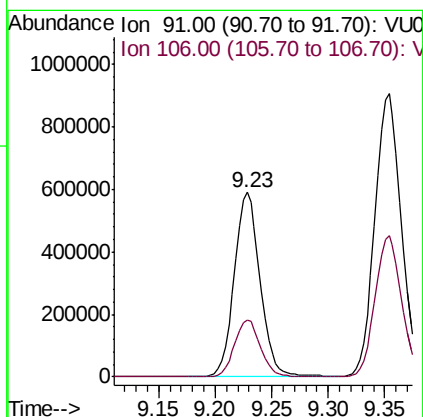
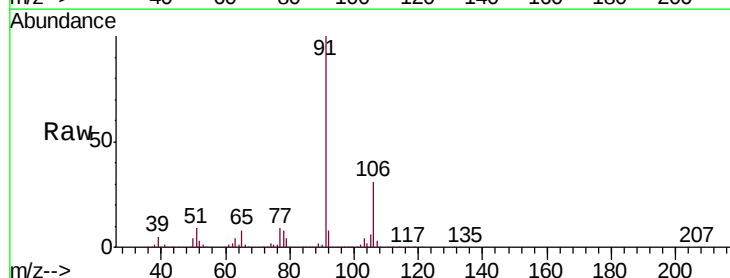
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091119

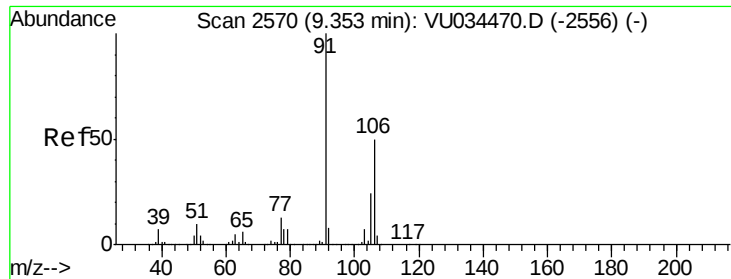
Tgt Ion: 117 Resp: 152890
Ion Ratio Lower Upper
117 100
201 88.7 71.8 107.8



#63
Ethyl Benzene
Concen: 10.813 ug/l
RT: 9.23 min Scan# 2531
Delta R.T. 0.00 min
Lab File: VU034472.D
Acq: 11 Sep 2019 12:28

Tgt Ion: 91 Resp: 940380
Ion Ratio Lower Upper
91 100
106 31.0 25.2 37.8

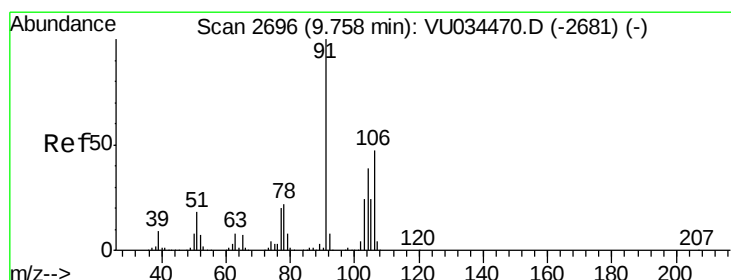
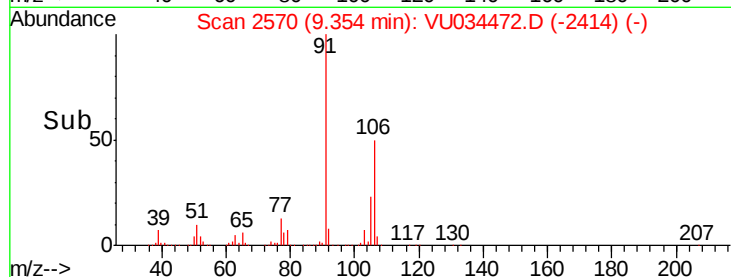
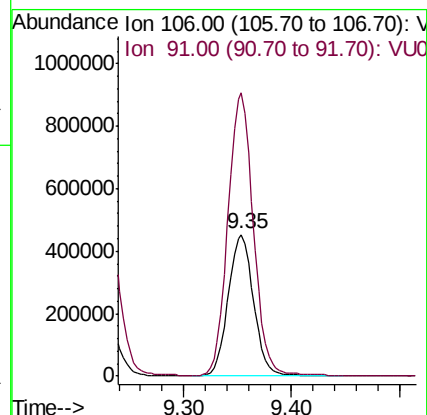
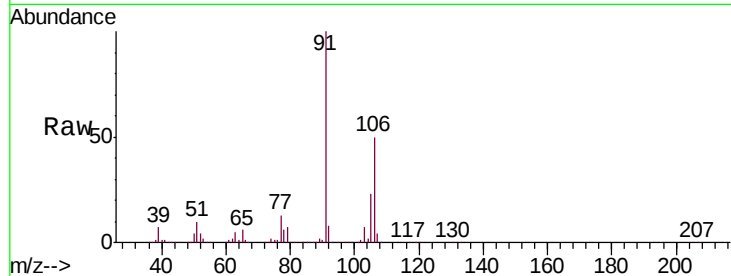




#64
m/p-Xylenes
Concen: 21.066 ug/l
RT: 9.35 min Scan# 2570
Delta R.T. 0.00 min
Lab File: VU034472.D
Acq: 11 Sep 2019 12:28

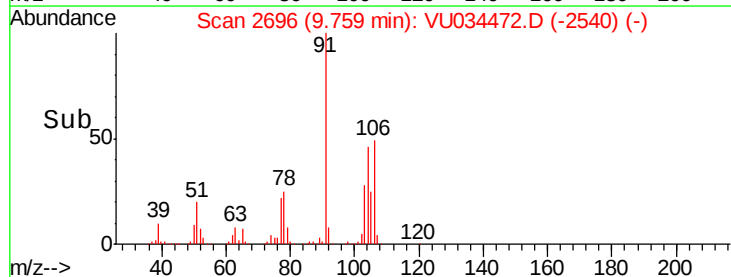
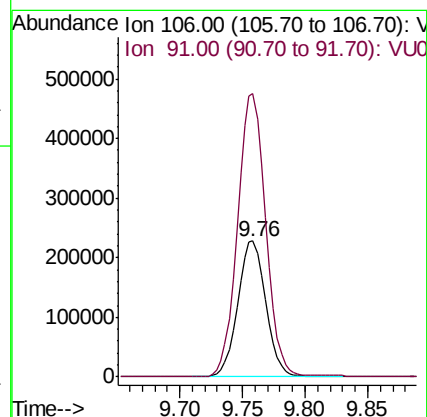
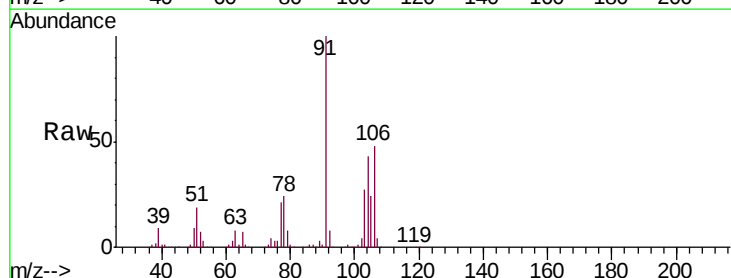
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091119

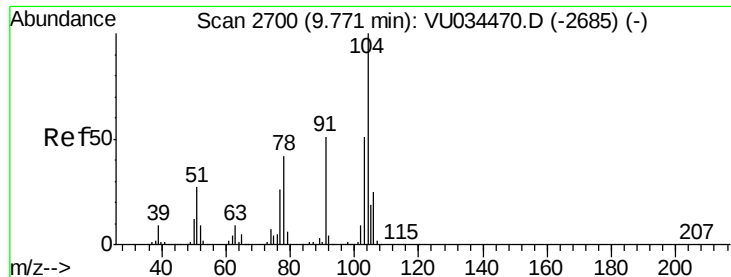
Tgt Ion:106 Resp: 742010
Ion Ratio Lower Upper
106 100
91 199.6 161.8 242.6



#65
o-Xylene
Concen: 10.619 ug/l
RT: 9.76 min Scan# 2696
Delta R.T. 0.00 min
Lab File: VU034472.D
Acq: 11 Sep 2019 12:28

Tgt Ion:106 Resp: 356317
Ion Ratio Lower Upper
106 100
91 209.4 104.7 313.9

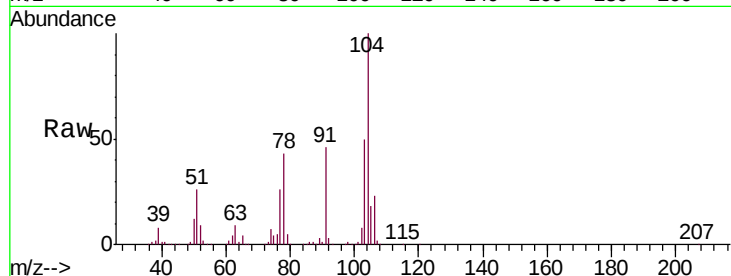




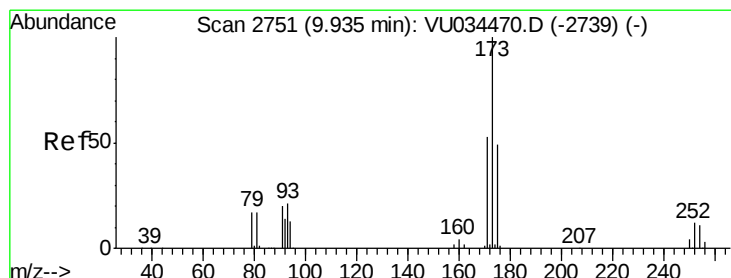
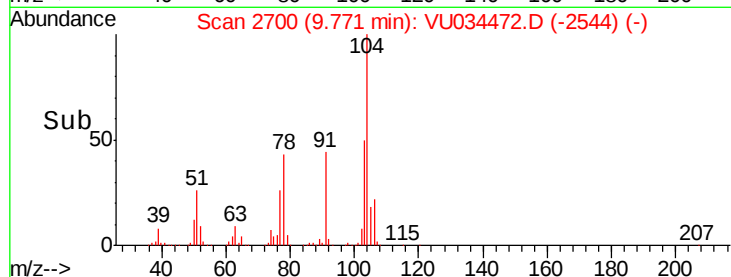
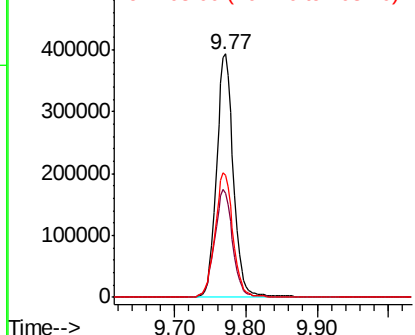
#66
Styrene
Concen: 11.483 ug/l
RT: 9.77 min Scan# 2700
Delta R.T. 0.00 min
Lab File: VU034472.D
Acq: 11 Sep 2019 12:28

Instrument :
MSVOA_U
ClientSampleId :
ICVVU091119

Tgt Ion:104 Resp: 645036
Ion Ratio Lower Upper
104 100
78 47.1 37.8 56.6
103 54.1 43.8 65.8

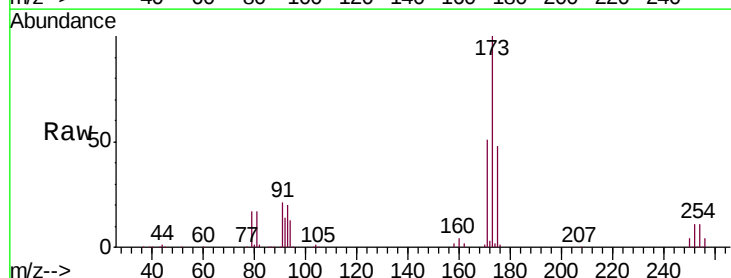


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

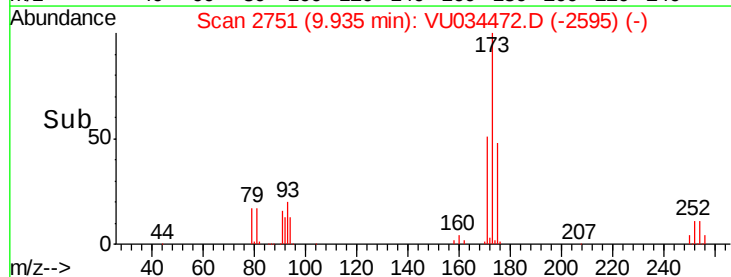
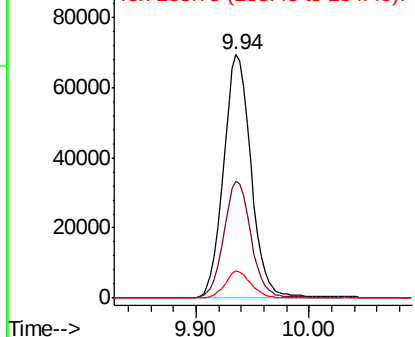


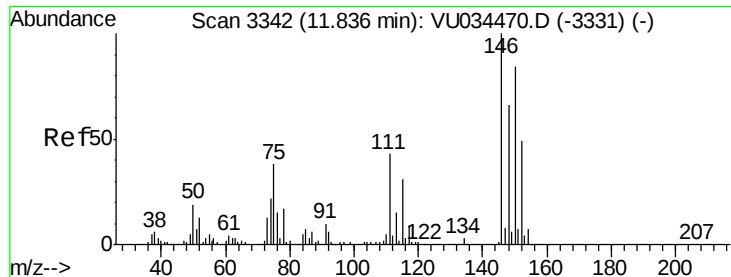
#67
Bromoform
Concen: 11.420 ug/l
RT: 9.94 min Scan# 2751
Delta R.T. 0.00 min
Lab File: VU034472.D
Acq: 11 Sep 2019 12:28

Tgt Ion:173 Resp: 117837
Ion Ratio Lower Upper
173 100
175 47.6 39.1 58.7
254 10.5 8.6 13.0



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

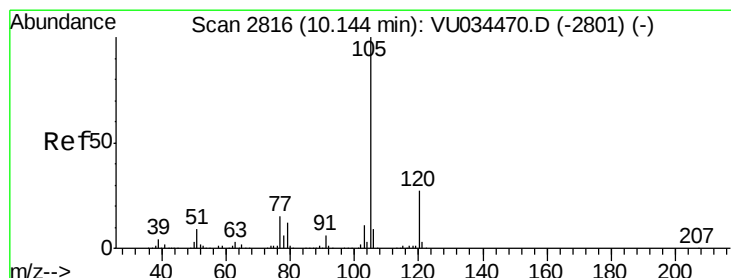
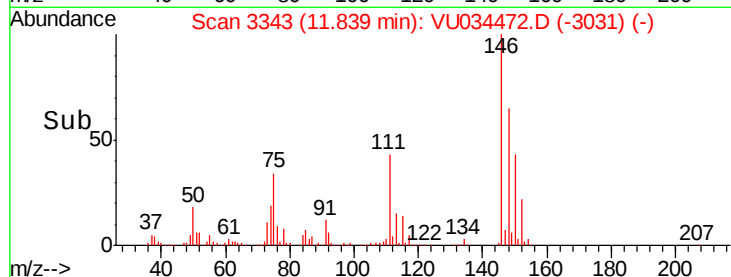
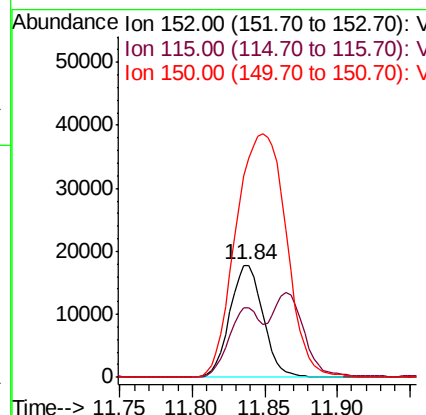
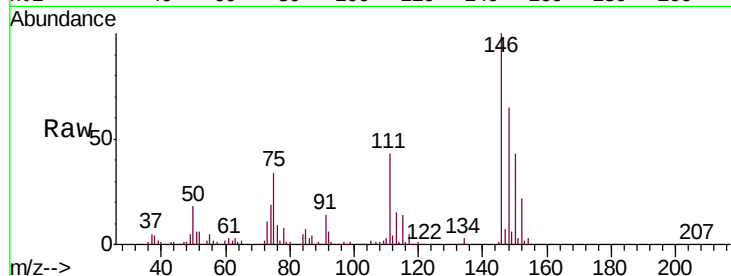




#68
 1,2-Dichlorobenzene-d4
 Concen: 0.979 ug/l
 RT: 11.84 min Scan# 3343
 Delta R.T. 0.00 min
 Lab File: VU034472.D
 Acq: 11 Sep 2019 12:28

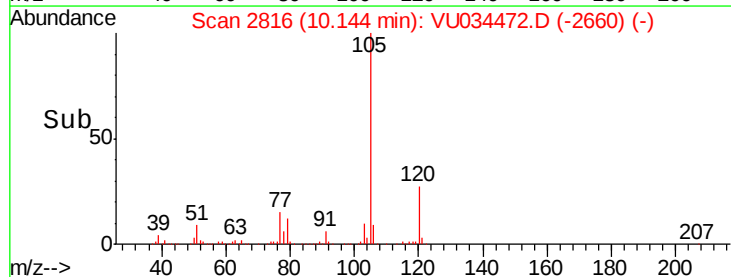
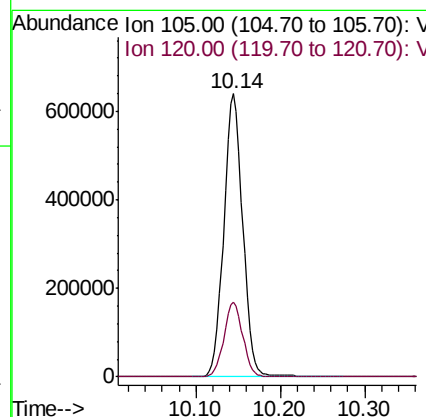
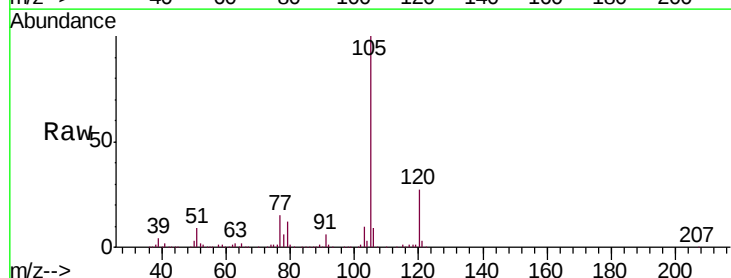
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU091119

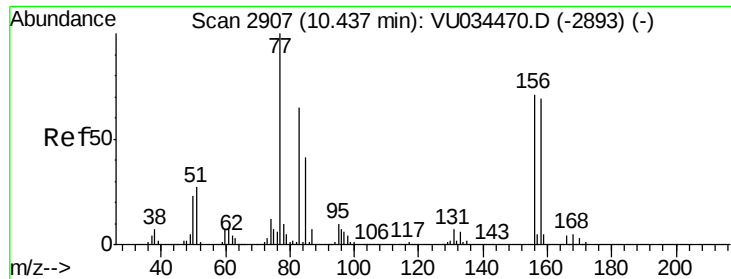
Tgt Ion:152 Resp: 28413
 Ion Ratio Lower Upper
 152 100
 115 58.5 0.0 126.6
 150 329.9 0.0 633.6



#69
 Isopropylbenzene
 Concen: 11.411 ug/l
 RT: 10.14 min Scan# 2816
 Delta R.T. 0.00 min
 Lab File: VU034472.D
 Acq: 11 Sep 2019 12:28

Tgt Ion:105 Resp: 998200
 Ion Ratio Lower Upper
 105 100
 120 26.5 13.4 40.2





#70

1,1,2,2-Tetrachloroethane

Concen: 11.144 ug/l

RT: 10.43 min Scan# 2906

Delta R.T. -0.00 min

Lab File: VU034472.D

Acq: 11 Sep 2019 12:28

Instrument :

MSVOA_U

ClientSampleId :

ICVVU091119

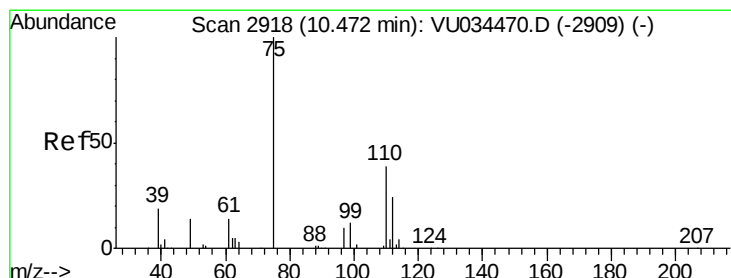
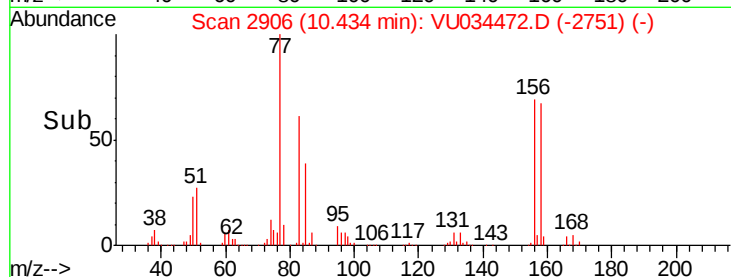
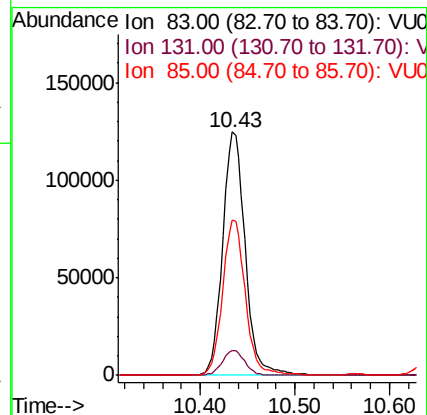
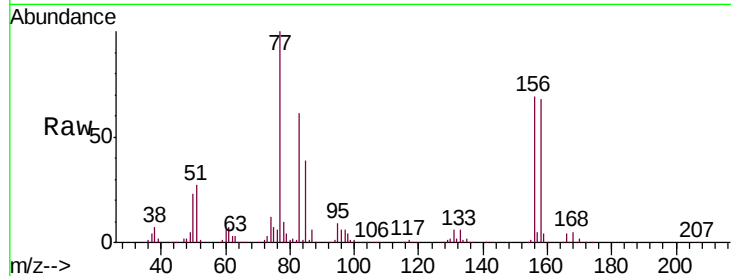
Tgt Ion: 83 Resp: 206603

Ion Ratio Lower Upper

83 100

131 10.1 8.2 12.4

85 64.3 51.9 77.9



#71

1,2,3-Trichloropropane

Concen: 15.615 ug/l

RT: 10.47 min Scan# 2918

Delta R.T. 0.00 min

Lab File: VU034472.D

Acq: 11 Sep 2019 12:28

Tgt Ion: 75 Resp: 206011

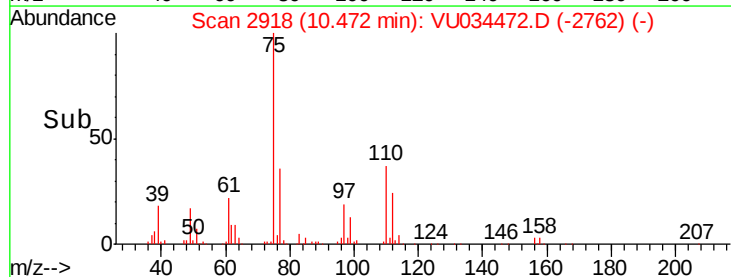
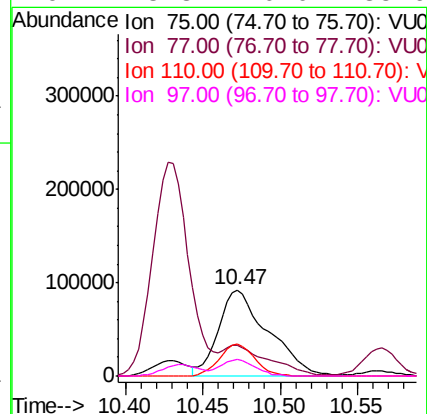
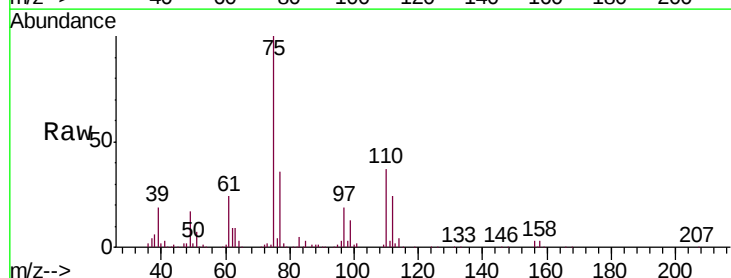
Ion Ratio Lower Upper

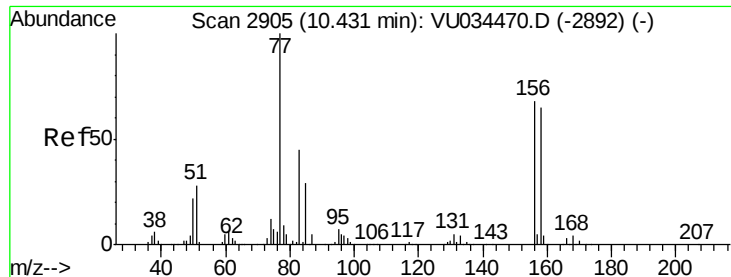
75 100

77 30.4 0.0 0.0#

110 26.5 0.0 66.8

97 13.3 0.0 35.6





#72

Bromobenzene

Concen: 10.808 ug/l

RT: 10.43 min Scan# 2905

Delta R.T. 0.00 min

Lab File: VU034472.D

Acq: 11 Sep 2019 12:28

Instrument :

MSVOA_U

ClientSampleId :

ICVVU091119

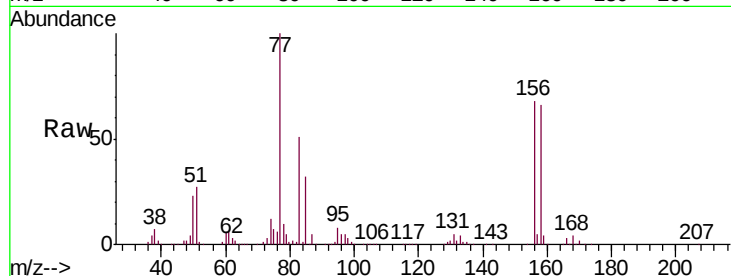
Tgt Ion:156 Resp: 256338

Ion Ratio Lower Upper

156 100

77 147.3 0.0 293.6

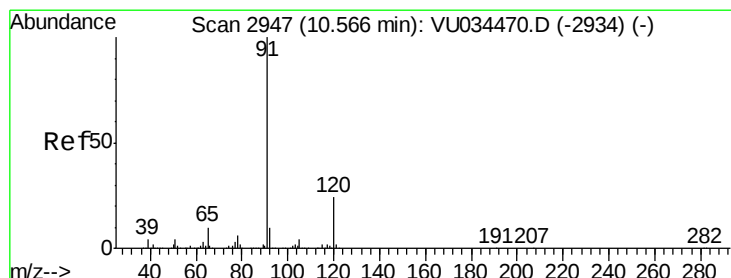
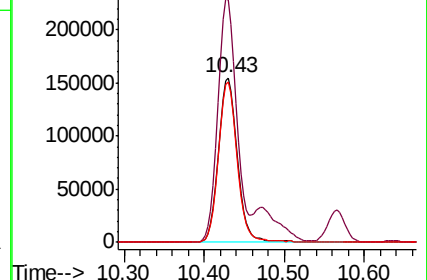
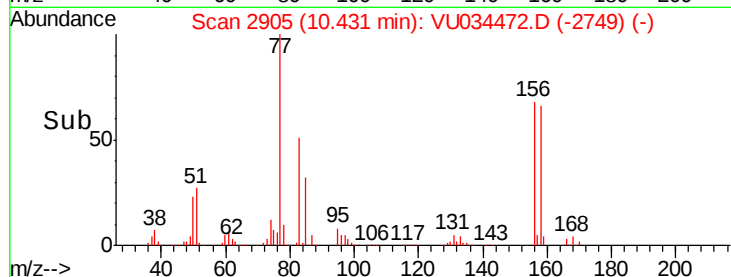
158 96.3 0.0 192.6



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: 11.094 ug/l

RT: 10.57 min Scan# 2947

Delta R.T. 0.00 min

Lab File: VU034472.D

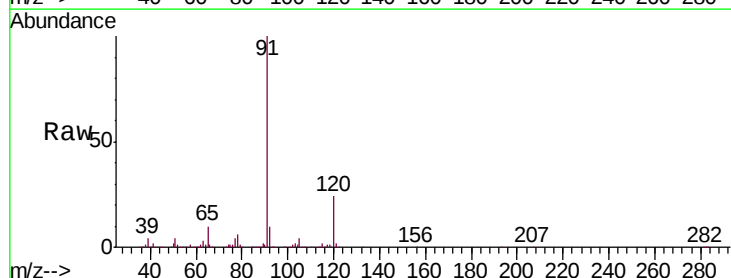
Acq: 11 Sep 2019 12:28

Tgt Ion:120 Resp: 281117

Ion Ratio Lower Upper

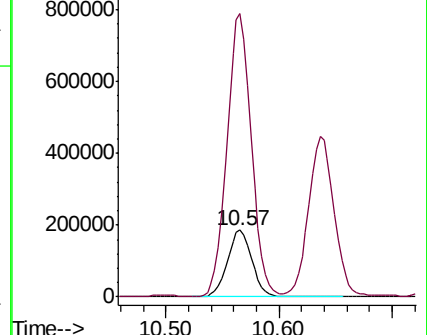
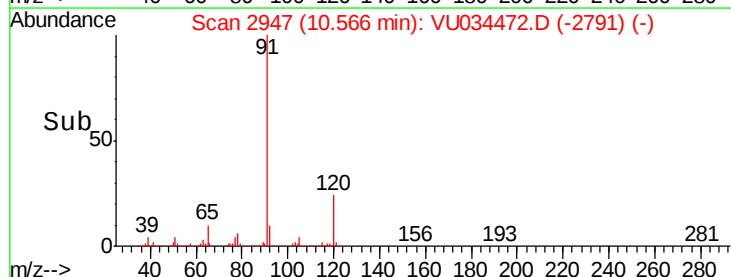
120 100

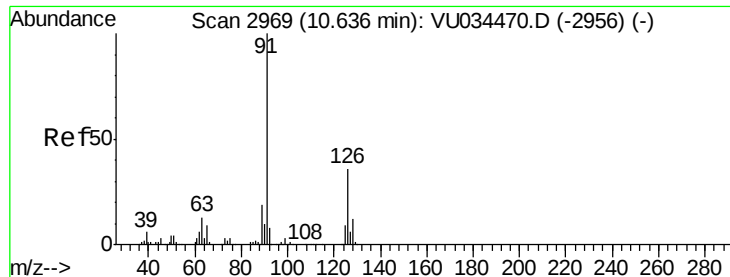
91 420.7 339.1 508.7



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0





#74

2-Chlorotoluene

Concen: 10.676 ug/l

RT: 10.64 min Scan# 2969

Delta R.T. 0.00 min

Lab File: VU034472.D

Acq: 11 Sep 2019 12:28

Instrument :

MSVOA_U

ClientSampleId :

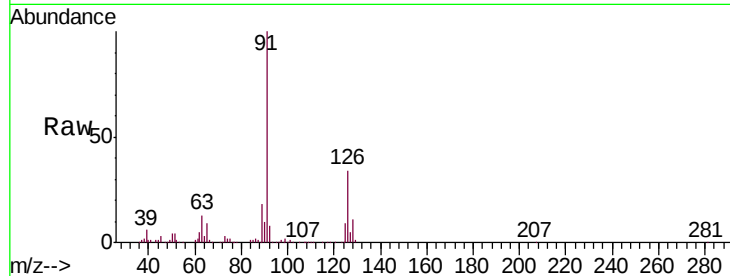
ICVVU091119

Tgt Ion:126 Resp: 243396

Ion Ratio Lower Upper

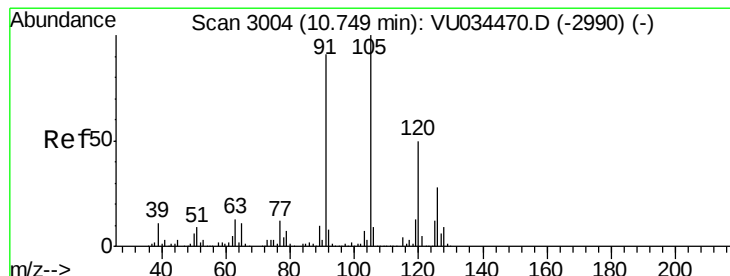
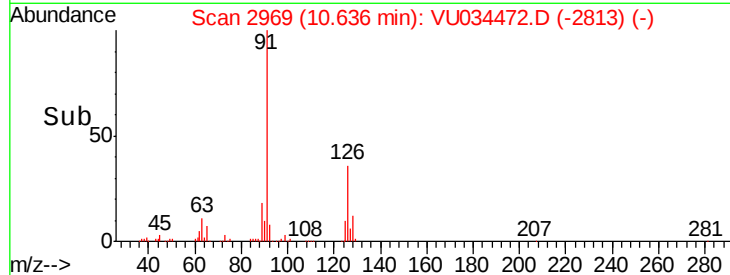
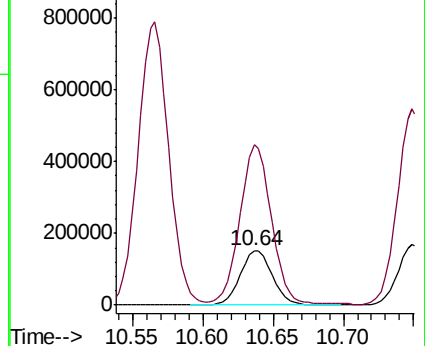
126 100

91 290.7 0.0 582.4



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0



#75

1,3,5-Trimethylbenzene

Concen: 11.461 ug/l

RT: 10.75 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VU034472.D

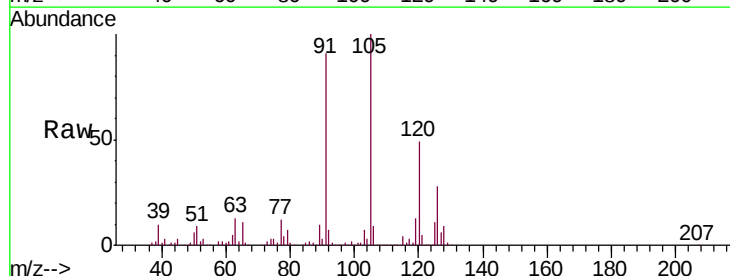
Acq: 11 Sep 2019 12:28

Tgt Ion:105 Resp: 900057

Ion Ratio Lower Upper

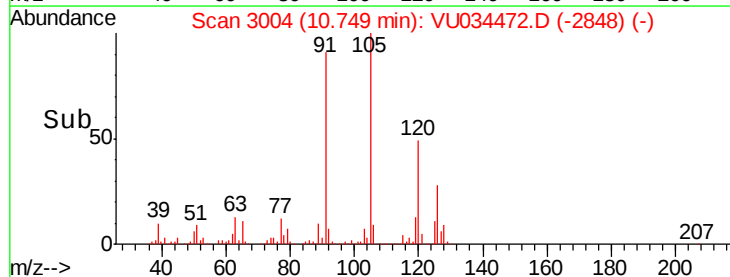
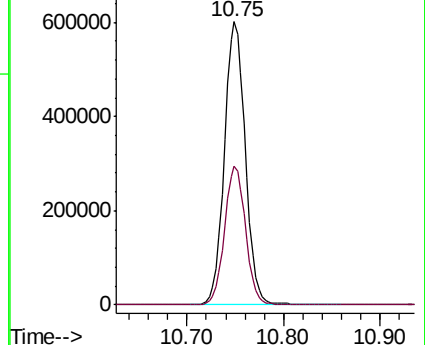
105 100

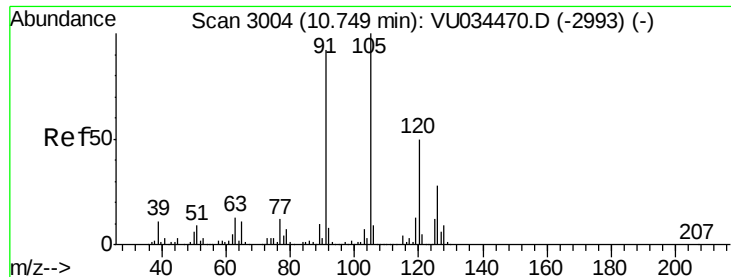
120 49.5 39.8 59.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

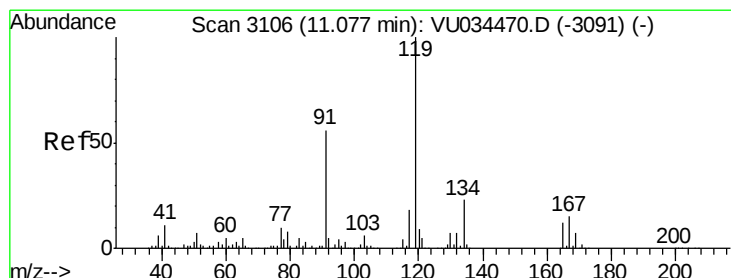
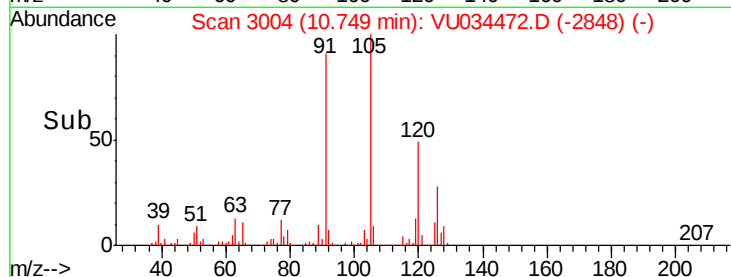
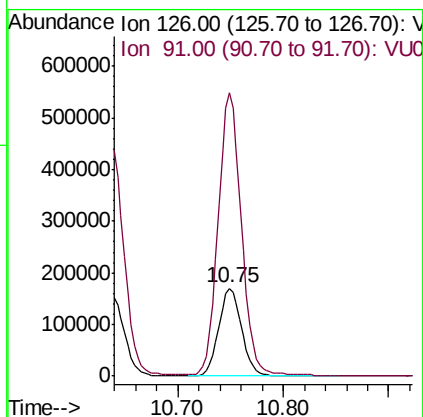
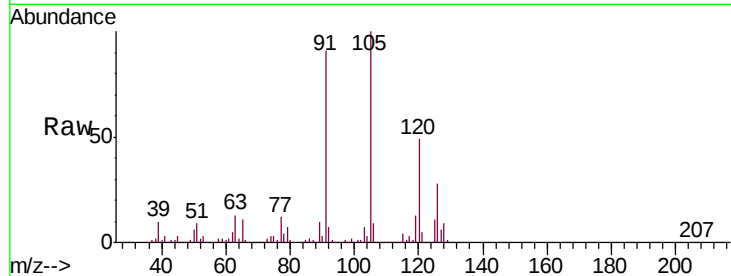




#76
4-Chlorotoluene
Concen: 11.166 ug/l
RT: 10.75 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VU034472.D
Acq: 11 Sep 2019 12:28

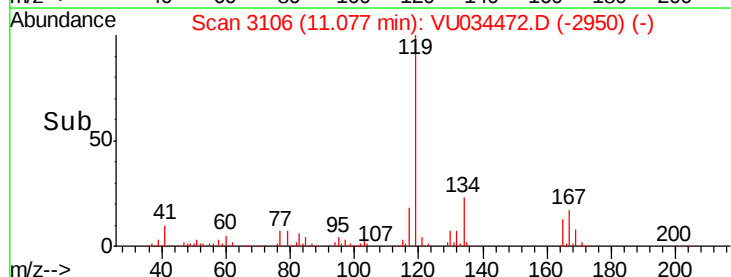
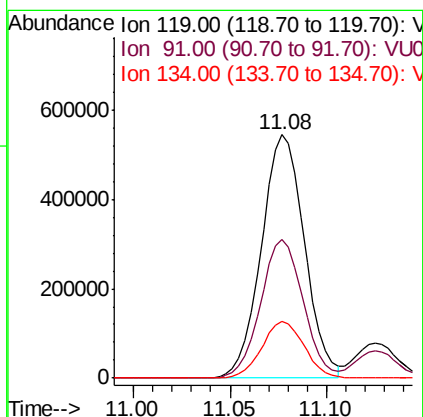
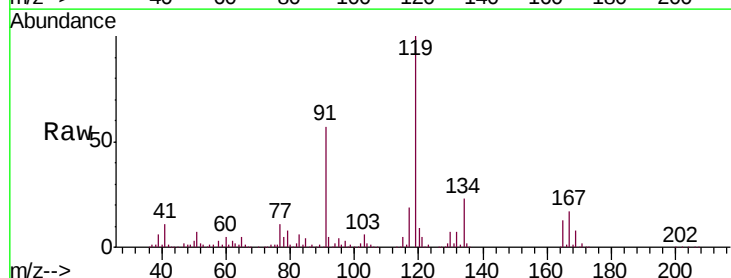
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091119

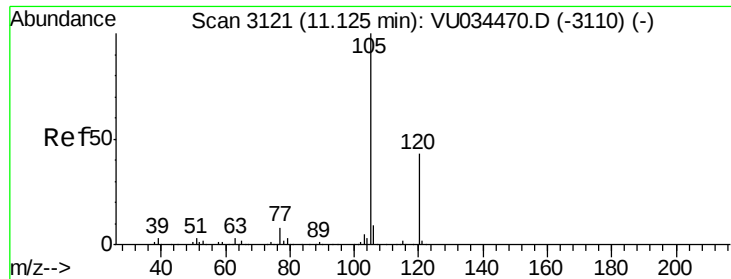
Tgt Ion:126 Resp: 257764
Ion Ratio Lower Upper
126 100
91 324.4 0.0 667.6



#77
tert-Butylbenzene
Concen: 11.060 ug/l
RT: 11.08 min Scan# 3106
Delta R.T. 0.00 min
Lab File: VU034472.D
Acq: 11 Sep 2019 12:28

Tgt Ion:119 Resp: 842164
Ion Ratio Lower Upper
119 100
91 56.4 27.8 83.3
134 23.1 18.4 27.6

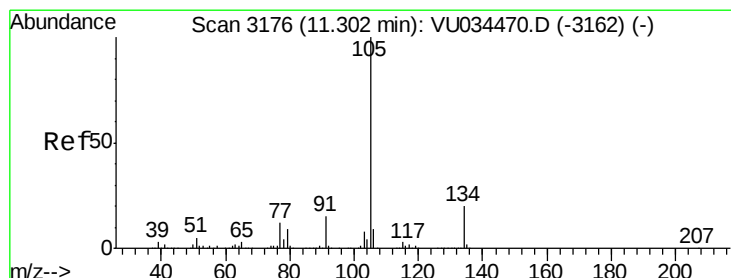
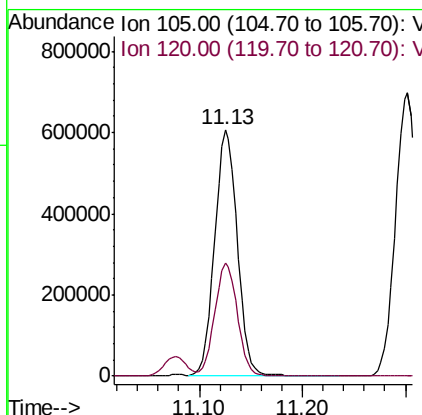
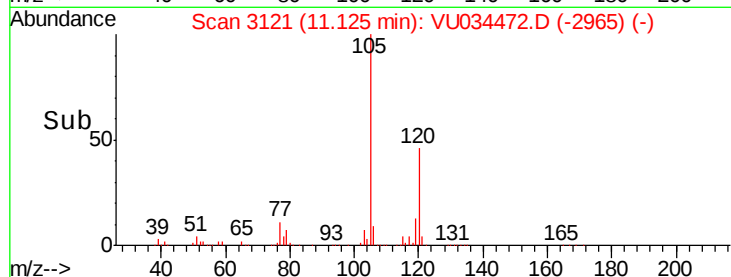
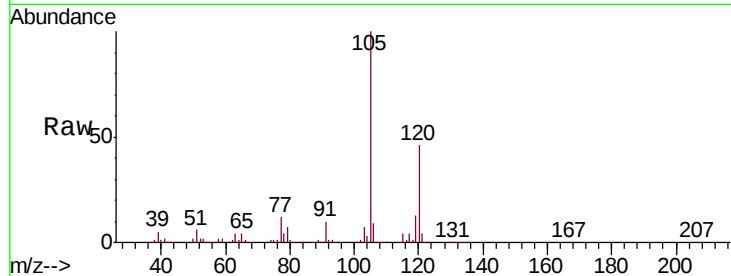




#78
 1,2,4-Trimethylbenzene
 Concen: 11.609 ug/l
 RT: 11.13 min Scan# 3121
 Delta R.T. 0.00 min
 Lab File: VU034472.D
 Acq: 11 Sep 2019 12:28

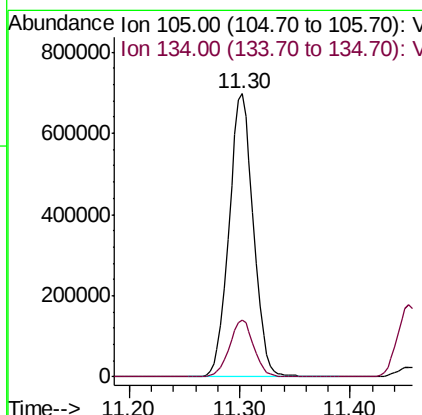
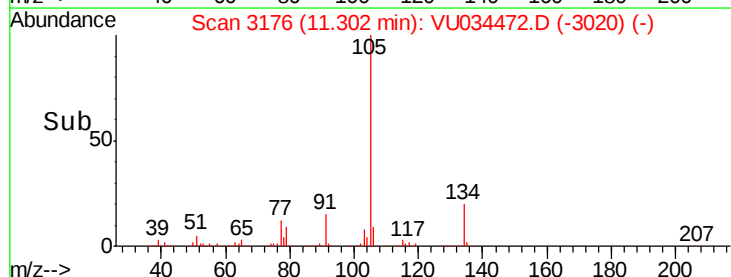
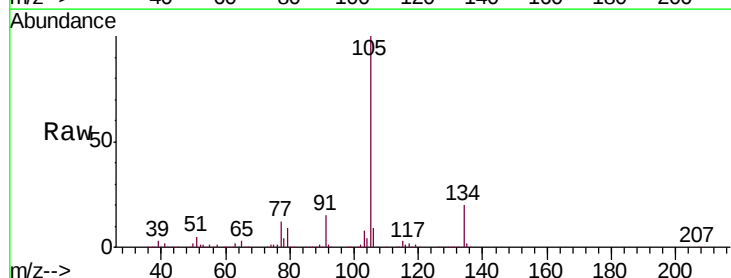
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU091119

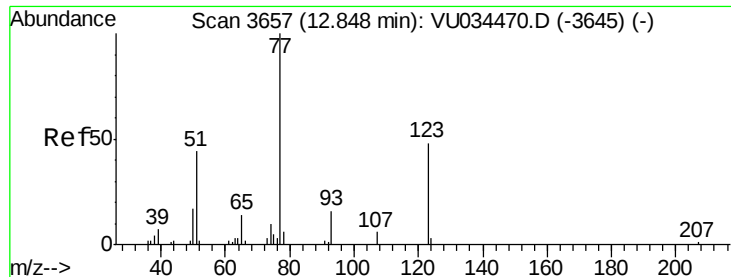
Tgt Ion:105 Resp: 920730
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.1 69.2



#79
 sec-Butylbenzene
 Concen: 10.397 ug/l
 RT: 11.30 min Scan# 3176
 Delta R.T. 0.00 min
 Lab File: VU034472.D
 Acq: 11 Sep 2019 12:28

Tgt Ion:105 Resp: 1065102
 Ion Ratio Lower Upper
 105 100
 134 20.1 16.3 24.5

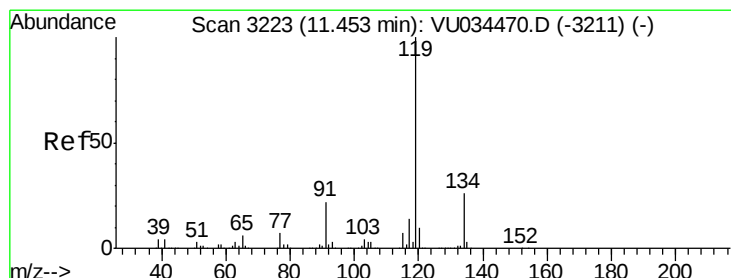
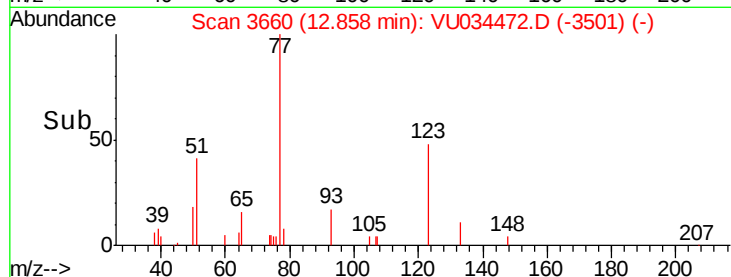
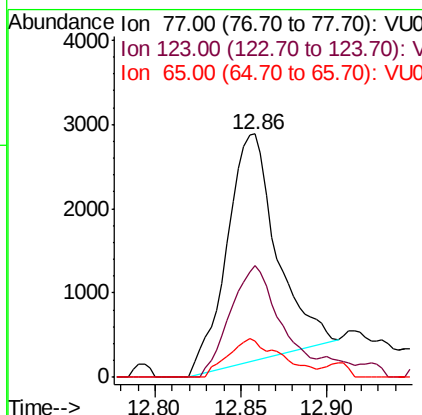
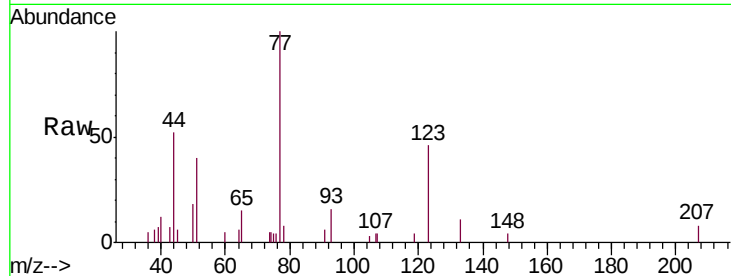




#80
Nitrobenzene
Concen: 13.888 ug/l
RT: 12.86 min Scan# 3660
Delta R.T. 0.01 min
Lab File: VU034472.D
Acq: 11 Sep 2019 12:28

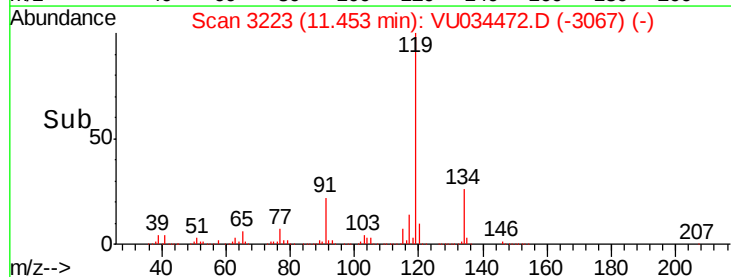
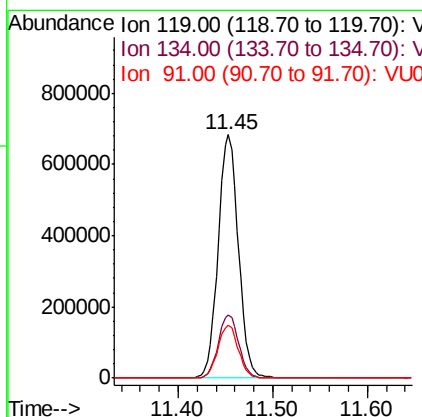
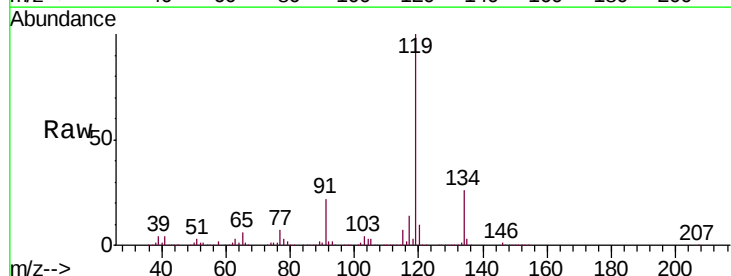
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091119

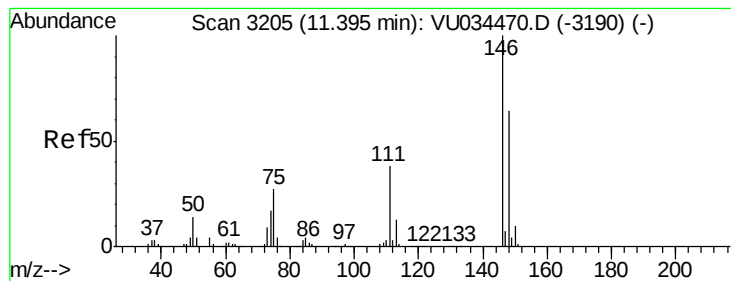
Tgt Ion: 77 Resp: 5496
Ion Ratio Lower Upper
77 100
123 41.2 19.0 67.4
65 14.4 8.5 10.9#



#81
p-Isopropyltoluene
Concen: 11.812 ug/l
RT: 11.45 min Scan# 3223
Delta R.T. 0.00 min
Lab File: VU034472.D
Acq: 11 Sep 2019 12:28

Tgt Ion: 119 Resp: 1009625
Ion Ratio Lower Upper
119 100
134 26.5 21.2 31.8
91 22.0 17.6 26.4





#82

1,3-Dichlorobenzene

Concen: 10.454 ug/l

RT: 11.40 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VU034472.D

Acq: 11 Sep 2019 12:28

Instrument :

MSVOA_U

ClientSampleId :

ICVVU091119

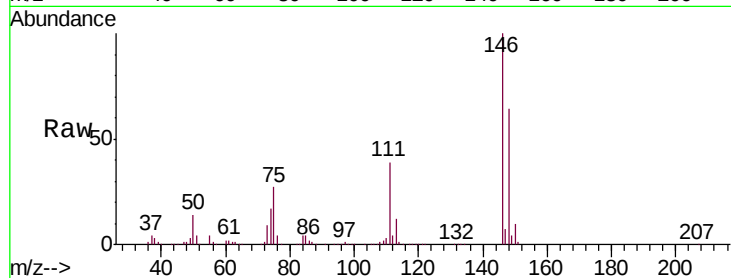
Tgt Ion:146 Resp: 514600

Ion Ratio Lower Upper

146 100

111 38.8 31.0 46.6

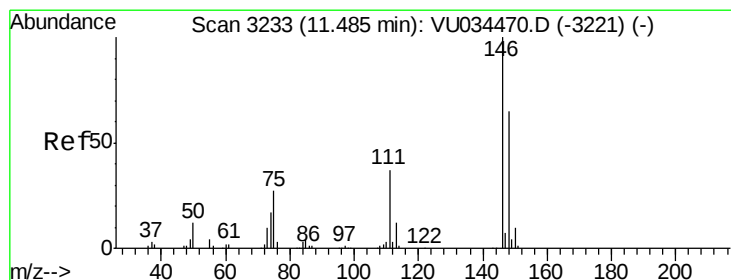
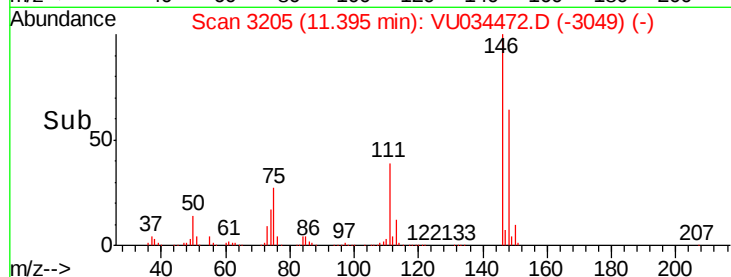
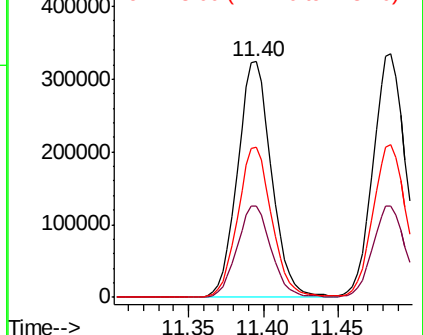
148 63.7 51.5 77.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#83

1,4-Dichlorobenzene

Concen: 10.595 ug/l

RT: 11.49 min Scan# 3233

Delta R.T. 0.00 min

Lab File: VU034472.D

Acq: 11 Sep 2019 12:28

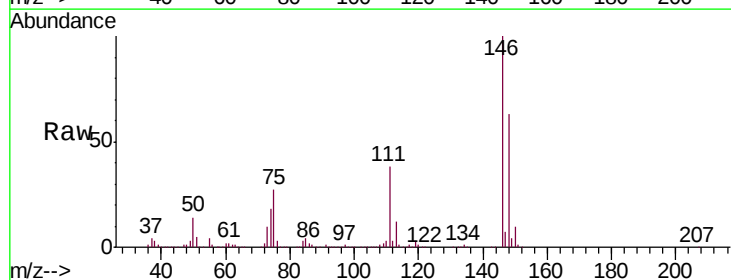
Tgt Ion:146 Resp: 518267

Ion Ratio Lower Upper

146 100

111 37.8 29.5 44.3

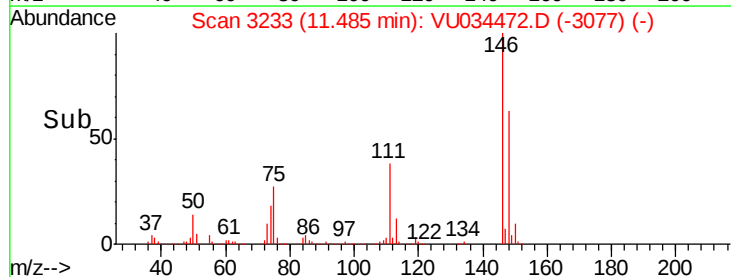
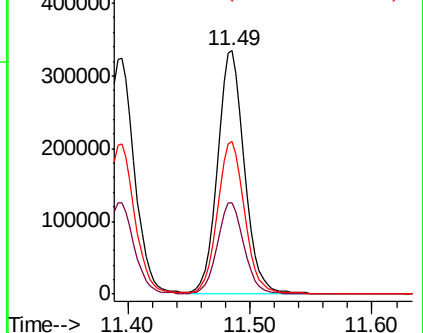
148 63.7 51.0 76.4

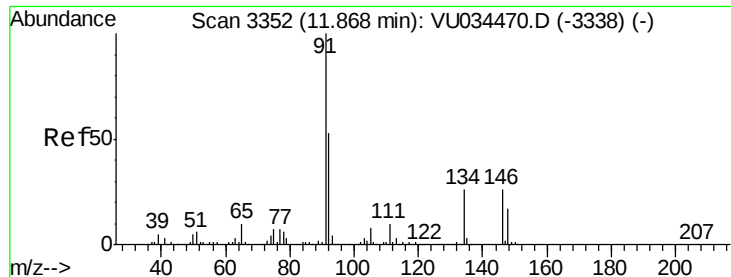


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

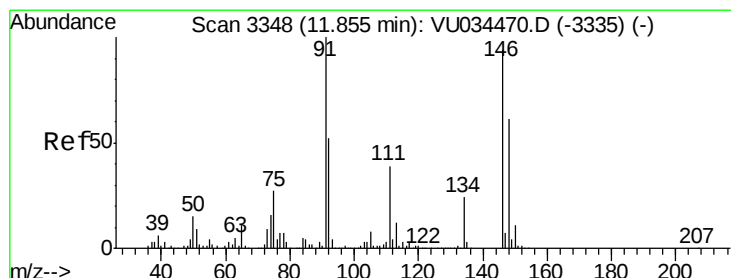
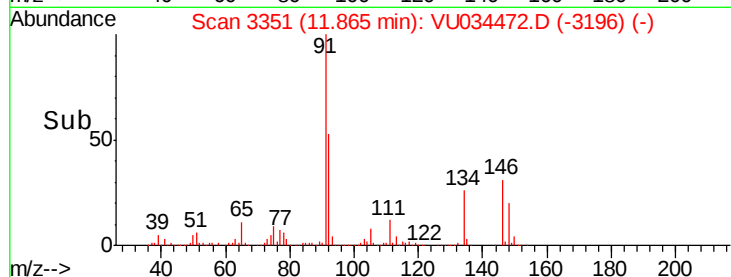
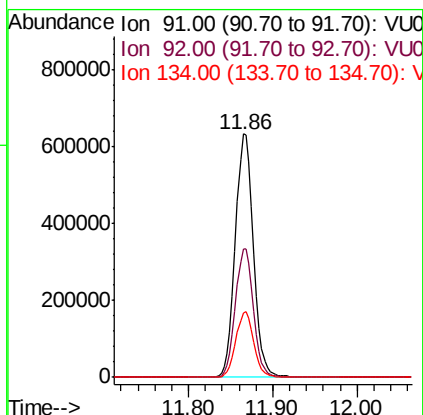
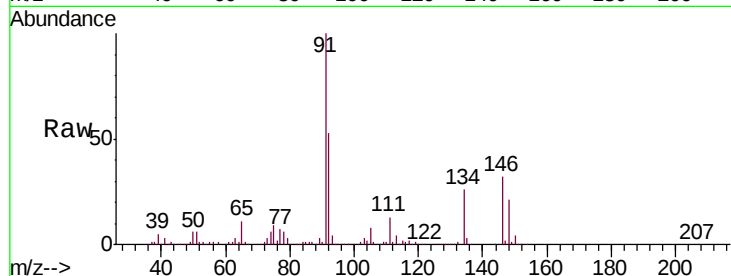




#84
n-Butylbenzene
Concen: 12.089 ug/l
RT: 11.86 min Scan# 3351
Delta R.T. -0.00 min
Lab File: VU034472.D
Acq: 11 Sep 2019 12:28

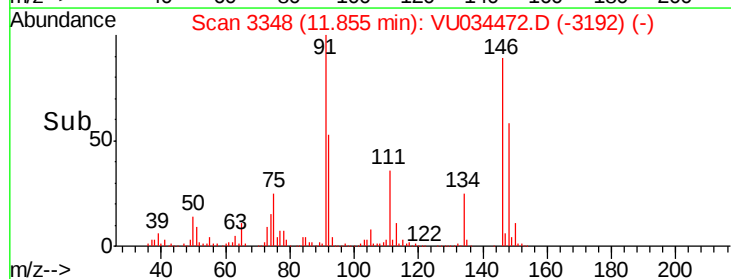
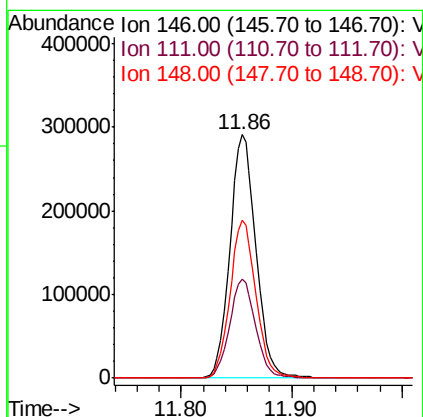
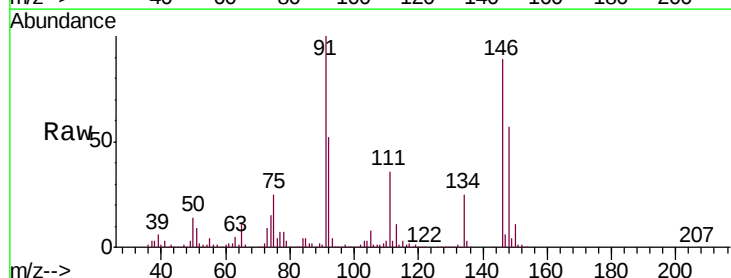
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091119

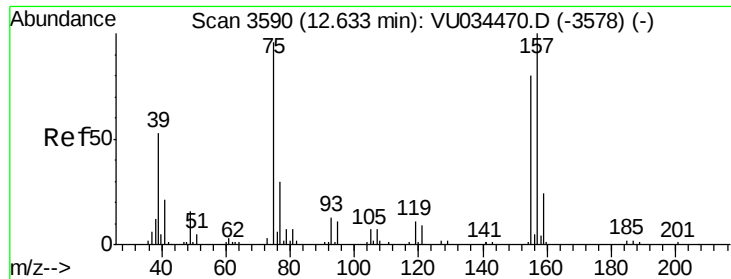
Tgt Ion: 91 Resp: 950908
Ion Ratio Lower Upper
91 100
92 52.5 42.4 63.6
134 26.6 21.0 31.4



#85
1,2-Dichlorobenzene
Concen: 10.625 ug/l
RT: 11.86 min Scan# 3348
Delta R.T. 0.00 min
Lab File: VU034472.D
Acq: 11 Sep 2019 12:28

Tgt Ion: 146 Resp: 473893
Ion Ratio Lower Upper
146 100
111 40.6 20.3 60.8
148 64.4 32.2 96.6





#86

1,2-Dibromo-3-Chloropropane

Concen: 13.517 ug/l

RT: 12.64 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VU034472.D

Acq: 11 Sep 2019 12:28

Instrument :

MSVOA_U

ClientSampleId :

ICVVU091119

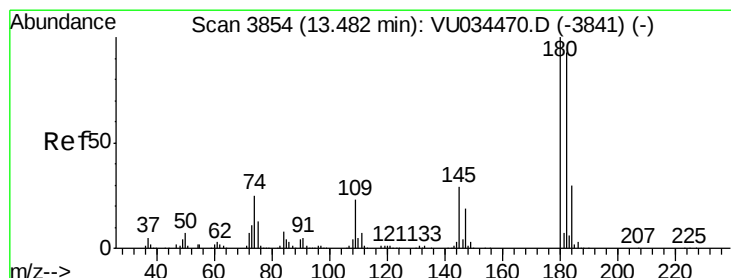
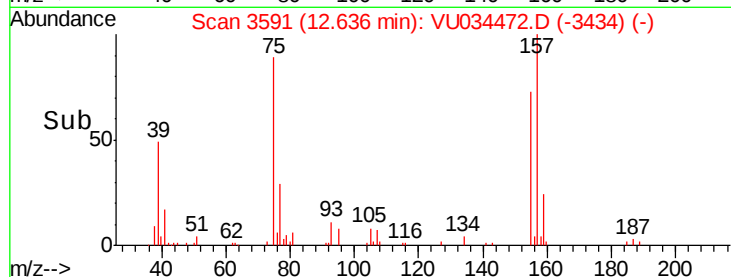
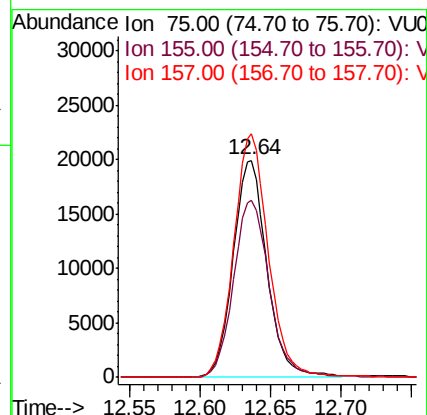
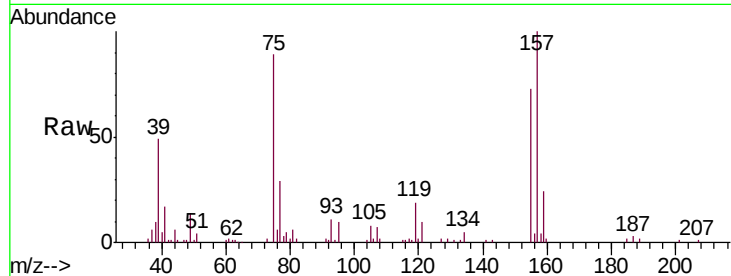
Tgt Ion: 75 Resp: 33454

Ion Ratio Lower Upper

75 100

155 86.4 68.9 103.3

157 114.8 89.9 134.9



#87

1,2,4-Trichlorobenzene

Concen: 14.399 ug/l

RT: 13.48 min Scan# 3854

Delta R.T. 0.00 min

Lab File: VU034472.D

Acq: 11 Sep 2019 12:28

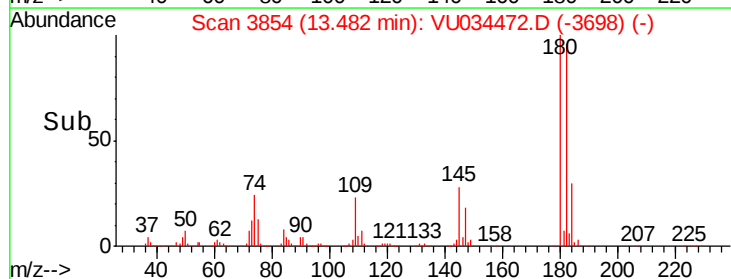
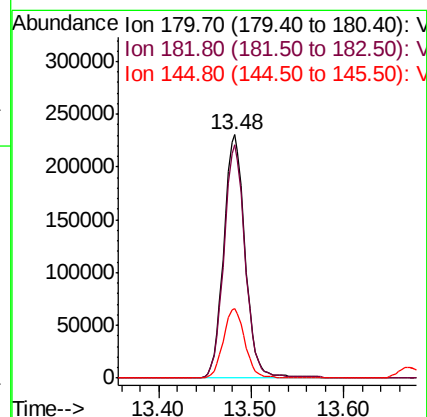
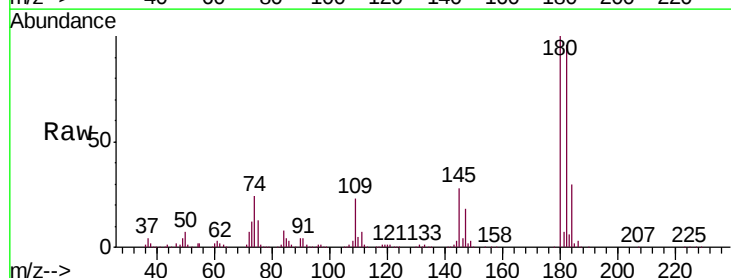
Tgt Ion: 180 Resp: 370739

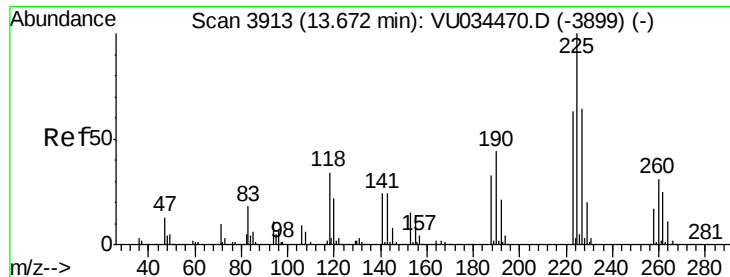
Ion Ratio Lower Upper

180 100

182 94.8 76.6 114.8

145 29.1 23.0 34.6





#88

Hexachlorobutadiene

Concen: 10.859 ug/l

RT: 13.67 min Scan# 3913

Delta R.T. 0.00 min

Lab File: VU034472.D

Acq: 11 Sep 2019 12:28

Instrument :

MSVOA_U

ClientSampleId :

ICVVU091119

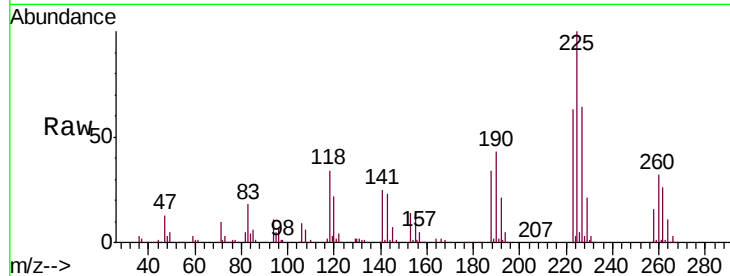
Tgt Ion:225 Resp: 213054

Ion Ratio Lower Upper

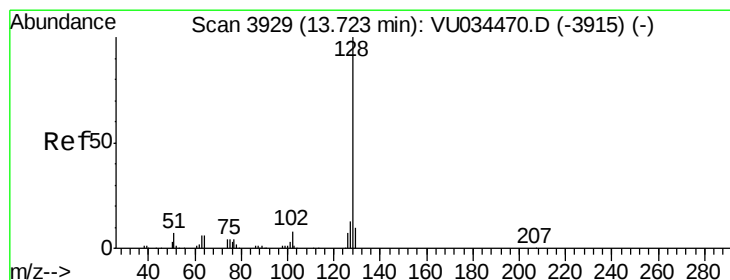
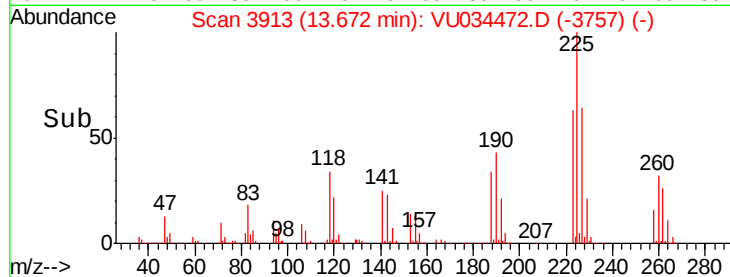
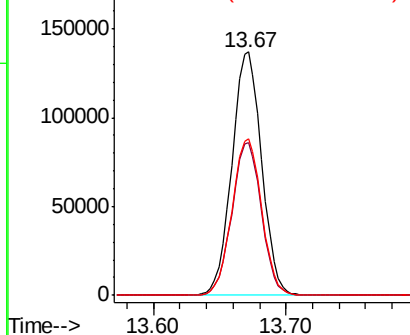
225 100

223 62.4 50.3 75.5

227 64.2 51.1 76.7



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: 13.106 ug/l

RT: 13.72 min Scan# 3928

Delta R.T. -0.00 min

Lab File: VU034472.D

Acq: 11 Sep 2019 12:28

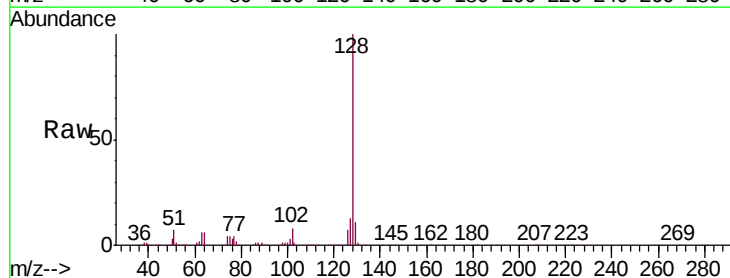
Tgt Ion:128 Resp: 604263

Ion Ratio Lower Upper

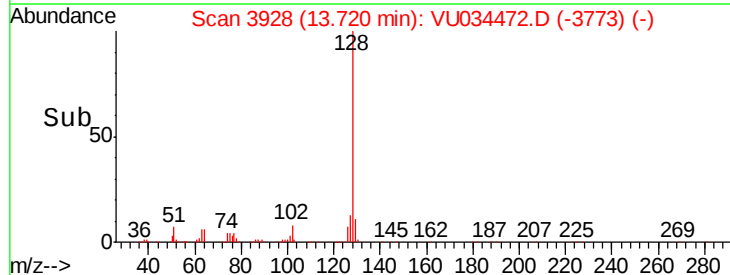
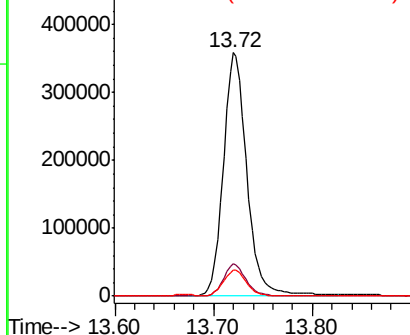
128 100

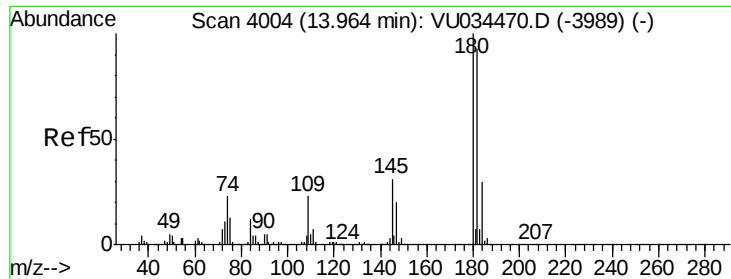
127 12.9 10.2 15.2

129 10.7 8.0 12.0



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: 14.106 ug/l
 RT: 13.97 min Scan# 4005
 Delta R.T. 0.00 min
 Lab File: VU034472.D
 Acq: 11 Sep 2019 12:28

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU091119

Tgt Ion:	180	Resp:	334452
Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.4	113.2
145	30.7	24.5	36.7

