

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102919\
 Data File : VU035540.D
 Acq On : 29 Oct 2019 14:44
 Operator : JC/SP
 Sample : VSTDIC015
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 30 05:14:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U102919DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 30 05:08:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.16	96	82434	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.66	95	30430	0.96	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.00%	
68) 1,2-Dichlorobenzene-d4	12.22	152	33403	0.98	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.00%	

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	437255	14.423	ua/l 100
3) Chloromethane	1.54	50	500062	14.780	ua/l 99
4) Vinyl Chloride	1.62	62	484581	14.741	ua/l 99
5) Bromomethane	1.87	94	243285	12.956	ua/l 99
6) Chloroethane	1.95	64	277190	14.587	ua/l 99
7) Trichlorofluoromethane	2.16	101	590187	14.611	ua/l 99
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	316933	14.529	ua/l 99
9) 1,1-Dichloroethene	2.61	96	304681	13.938	ua/l 99
10) Iodomethane	2.75	142	245410	12.947	ua/l 98
11) Allyl Chloride	2.96	41	523363	14.517	ua/l 100
12) Acrylonitrile	3.37	53	155264	32.943	ua/l 97
13) Acetone	2.67	43	375269	94.410	ua/l 98
14) Carbon Disulfide	2.82	76	1084515	14.122	ua/l 99
15) Methylene Chloride	3.08	84	361114	14.014	ua/l 98
16) trans-1,2-Dichloroethene	3.39	96	337993	13.841	ua/l 99
17) 1,1-Dichloroethane	3.92	63	643438	13.866	ua/l 99
18) 2-Butanone	4.78	43	509507	90.893	ua/l 100
19) Cyclohexane	5.43	56	514838	14.420	ua/l 99
20) Methylcyclohexane	6.80	83	579183	15.363	ua/l 100
21) 2,2-Dichloropropane	4.72	77	548334	14.316	ua/l 99
22) cis-1,2-Dichloroethene	4.72	96	387222	14.634	ua/l 100
23) Diethyl Ether	2.41	59	259514	15.586	ua/l 99
24) tert-Butyl Alcohol	3.26	59	268123	117.126	ua/l 98
25) Methyl tert-Butyl Ether	3.43	73	835618	15.681	ua/l 99
26) Bromochloromethane	5.02	128	161650	14.399	ua/l 100
27) Chloroform	5.14	83	642262	13.249	ua/l 98
28) 1,1,1-Trichloroethane	5.36	97	539318	14.211	ua/l 99
29) 1,1-Dichloropropene	5.57	75	485723	14.861	ua/l 99
30) Carbon Tetrachloride	5.56	117	490028	14.414	ua/l 99
31) Isopropyl Ether	4.07	45	972341	14.607	ua/l 99
32) Ethyl-t-butyl ether	4.57	59	915317	15.857	ua/l 99
33) Tert-Amyl methyl ether	6.00	73	813248	16.748	ua/l 100
34) Propionitrile	4.85	54	138193	86.182	ua/l 97
35) Benzene	5.82	78	1430489	14.577	ua/l 99
36) 1,2-Dichloroethane	5.84	62	398754	15.610	ua/l 100
37) Trichloroethene	6.58	130	389355	14.206	ua/l 100
38) 1,2-Dichloropropane	6.83	63	384102	14.705	ua/l 100
39) Methacrylonitrile	5.04	41	116753	17.617	ua/l 99
40) Methyl acrylate	4.91	55	184141	18.209	ua/l 98
41) Tetrahydrofuran	5.13	42	116608	34.415	ua/l # 39
42) 1-Chlorobutane	5.50	56	679254	15.312	ug/l 99

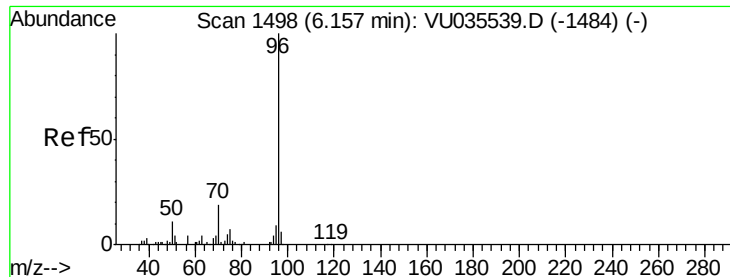
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102919\
 Data File : VU035540.D
 Acq On : 29 Oct 2019 14:44
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Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 30 05:14:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U102919DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 30 05:08:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.96	93	193230	15.452	ug/l	99
44) Bromodichloromethane	7.15	83	474971	14.957	ug/l	99
45) 4-Methyl-2-Pentanone	7.84	43	1139042	89.228	ug/l	100
46) t-1,4-Dichloro-2-butene	10.86	75	412537	77.639	ug/l #	65
47) Methyl methacrylate	7.01	69	358162	35.876	ug/l	97
48) Ethyl methacrylate	8.38	69	339876	18.863	ug/l	99
49) Toluene	8.01	92	895970	15.665	ug/l	99
50) t-1,3-Dichloropropene	8.25	75	465129	17.432	ug/l	100
51) cis-1,3-Dichloropropene	7.65	75	543175	16.445	ug/l	99
52) 1,1,2-Trichloroethane	8.44	97	268786	15.511	ug/l	99
53) 1,3-Dichloropropane	8.61	76	467786	16.098	ug/l	100
54) 2-Hexanone	8.73	43	835555	97.054	ug/l	99
55) Dibromochloromethane	8.84	129	338870	16.077	ug/l	99
56) 1,2-Dibromoethane	8.96	107	261980	16.366	ug/l	99
58) Tetrachloroethene	8.58	164	362226	13.965	ug/l	98
59) Chlorobenzene	9.48	112	1003640	15.635	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.56	131	365947	15.341	ug/l	99
61) Pentachloroethane	11.46	117	292753	15.094	ug/l	99
62) Hexachloroethane	12.50	117	273710	15.811	ug/l	99
63) Ethyl Benzene	9.60	91	1713112	16.730	ug/l	100
64) m/p-Xylenes	9.72	106	1355798	32.809	ug/l #	1
65) o-Xylene	10.13	106	641056	16.274	ug/l	100
66) Styrene	10.14	104	1109328	16.800	ug/l	99
67) Bromoform	10.32	173	215169	17.131	ug/l	100
69) Isopropylbenzene	10.51	105	1697925	16.504	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.81	83	362420	16.172	ug/l #	65
71) 1,2,3-Trichloropropane	10.86	75	412537	26.391	ug/l	84
72) Bromobenzene	10.81	156	431242	15.373	ug/l	99
73) n-propylbenzene	10.93	120	487519	16.434	ug/l	100
74) 2-Chlorotoluene	11.01	126	423613	15.793	ug/l	100
75) 1,3,5-Trimethylbenzene	11.11	105	1433303	15.712	ug/l	100
76) 4-Chlorotoluene	11.12	126	436790	15.967	ug/l	97
77) tert-Butylbenzene	11.45	119	1417032	15.901	ug/l	100
78) 1,2,4-Trimethylbenzene	11.49	105	1451190	15.751	ug/l	100
79) sec-Butylbenzene	11.67	105	1844383	15.445	ug/l	99
80) Nitrobenzene	13.24	77	36394	79.416	ug/l	95
81) p-Isopropyltoluene	11.82	119	1530627	15.478	ug/l #	67
82) 1,3-Dichlorobenzene	11.77	146	831185	14.411	ug/l	99
83) 1,4-Dichlorobenzene	11.86	146	817725	14.281	ug/l	100
84) n-Butylbenzene	12.23	91	1326882	14.727	ug/l	99
85) 1,2-Dichlorobenzene	12.24	146	779719	14.821	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	13.02	75	51656	17.494	ug/l	98
87) 1,2,4-Trichlorobenzene	13.86	180	369681	12.899	ug/l	99
88) Hexachlorobutadiene	14.04	225	269798	12.054	ug/l	99
89) Naphthalene	14.11	128	582623	15.554	ug/l	100
90) 1,2,3-Trichlorobenzene	14.35	180	355214	13.318	ug/l	99

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.16 min Scan# 1498

Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 96 Resp: 82434

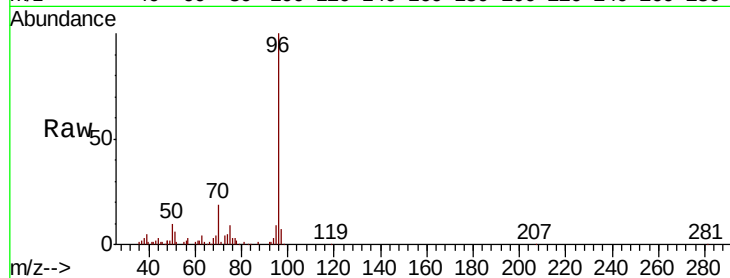
Ion Ratio Lower Upper

96 100

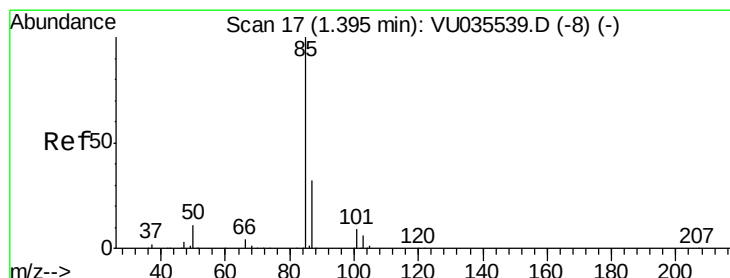
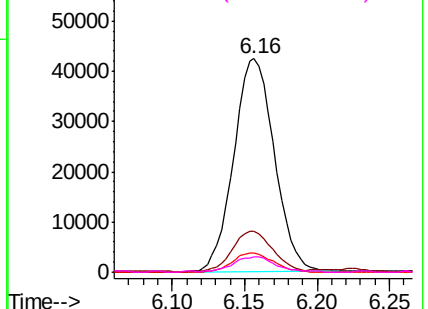
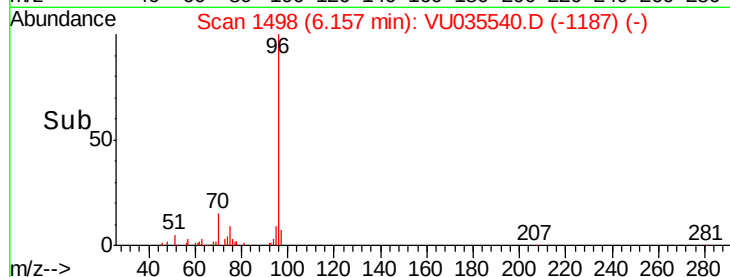
70 18.1 15.8 23.8

95 9.1 7.4 11.2

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: 14.423 ug/l

RT: 1.39 min Scan# 17

Delta R.T. -0.00 min

Lab File: VU035540.D

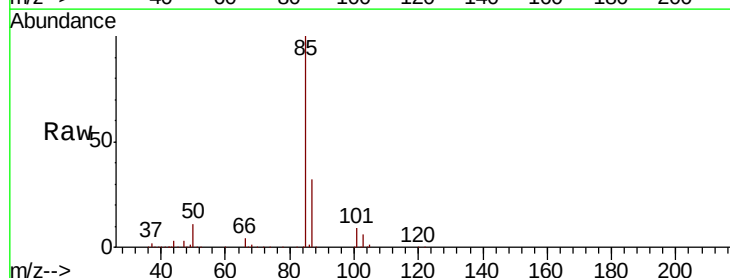
Acq: 29 Oct 2019 14:44

Tgt Ion: 85 Resp: 437255

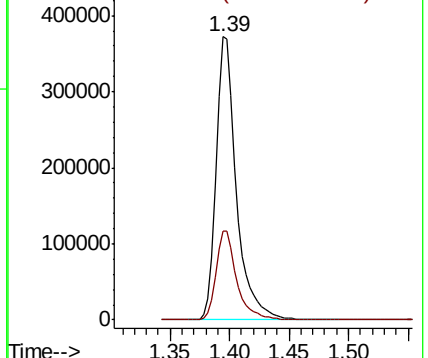
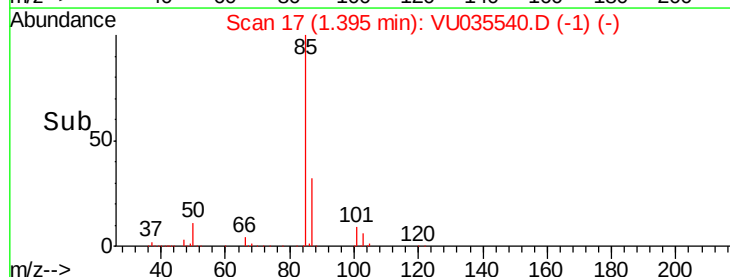
Ion Ratio Lower Upper

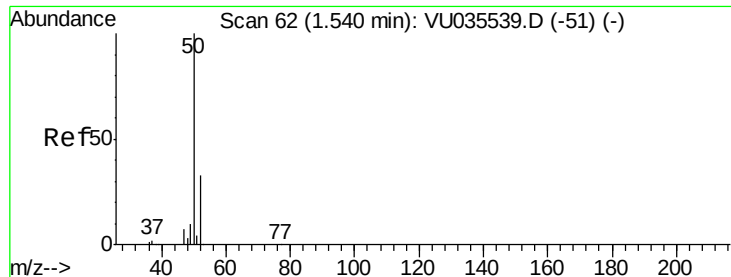
85 100

87 31.6 15.8 47.4



Abundance Ion 85.00 (84.70 to 85.70): VU0
Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 14.780 ug/l

RT: 1.54 min Scan# 62

Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

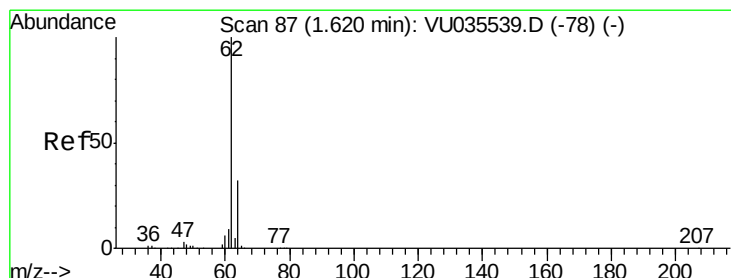
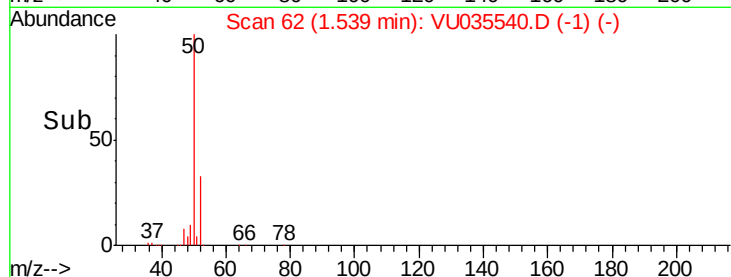
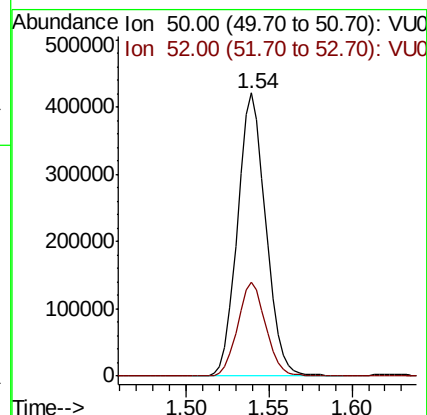
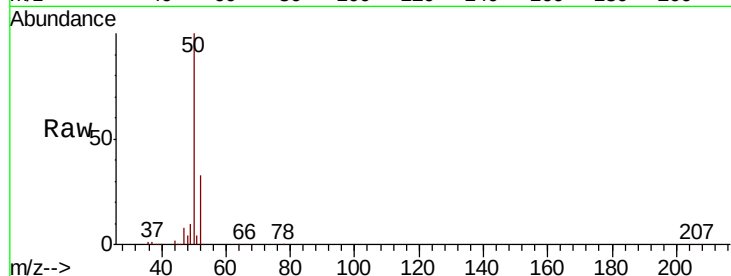
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 50 Resp: 500062

Ion Ratio Lower Upper

50 100

52 33.3 26.0 39.0



#4

Vinyl Chloride

Concen: 14.741 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VU035540.D

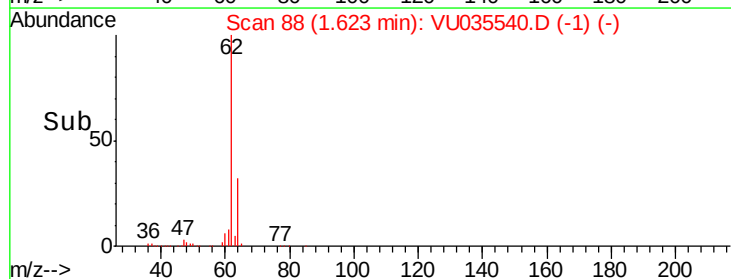
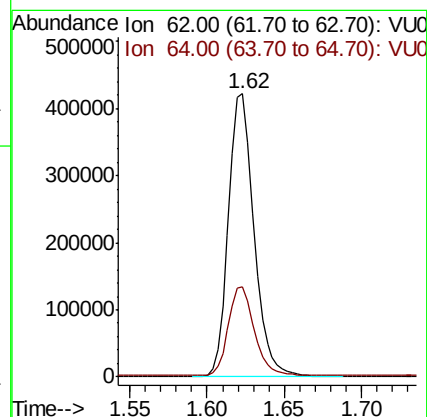
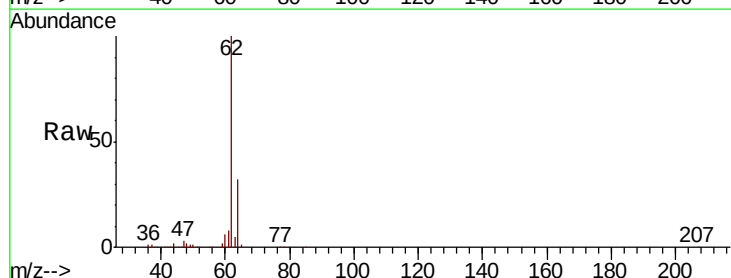
Acq: 29 Oct 2019 14:44

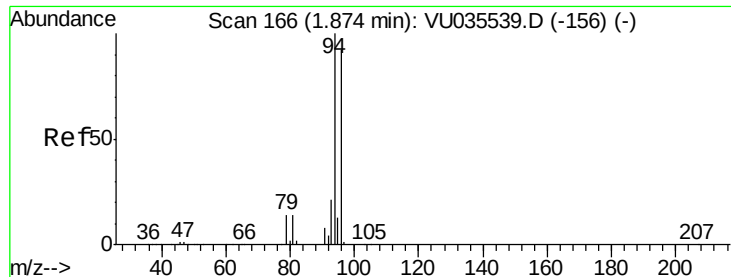
Tgt Ion: 62 Resp: 484581

Ion Ratio Lower Upper

62 100

64 31.5 25.6 38.4





#5

Bromomethane

Concen: 12.956 ug/l

RT: 1.87 min Scan# 165

Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

Instrument :

MSVOA_U

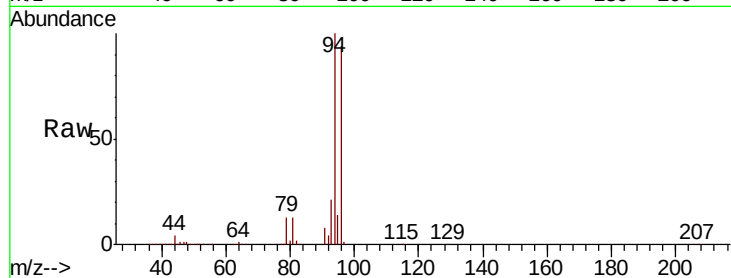
ClientSampleId :

Tot Ion: 94 Resp: 243285

Ion Ratio Lower Upper

94 100

96 93.5 73.8 110.8



Abundance Ion 94.00 (93.70 to 94.70): VU035539.D (-156) (-)

Ion 96.00 (95.70 to 96.70): VU035540.D (-11) (-)

1.87

150000

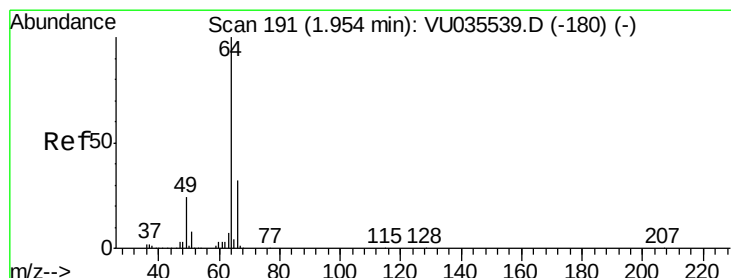
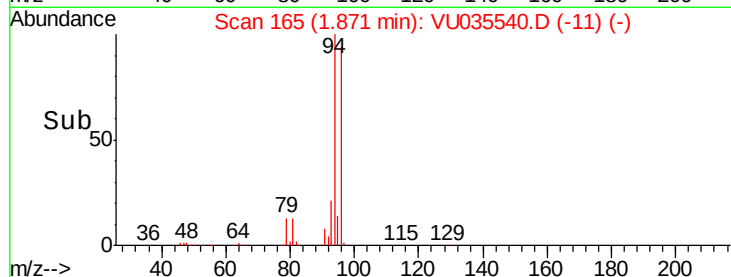
100000

50000

0

1.80 1.90 2.00

Time-->



#6

Chloroethane

Concen: 14.587 ug/l

RT: 1.95 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU035540.D

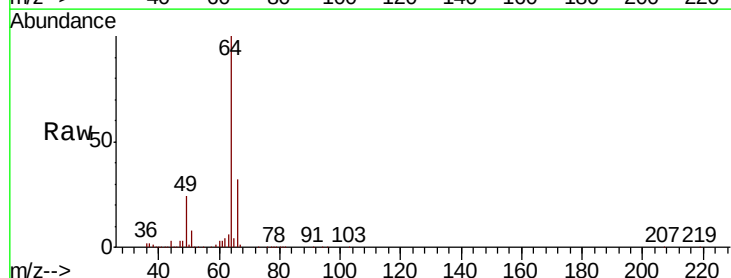
Acq: 29 Oct 2019 14:44

Tgt Ion: 64 Resp: 277190

Ion Ratio Lower Upper

64 100

66 32.0 25.9 38.9



Abundance Ion 64.00 (63.70 to 64.70): VU035539.D (-180) (-)

Ion 66.00 (65.70 to 66.70): VU035540.D (-36) (-)

1.95

200000

150000

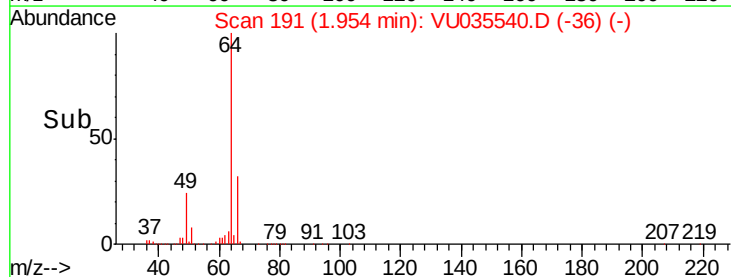
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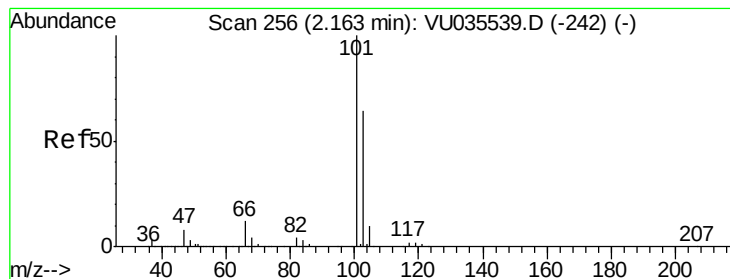
50000

0

1.90 1.95 2.00 2.05

Time-->



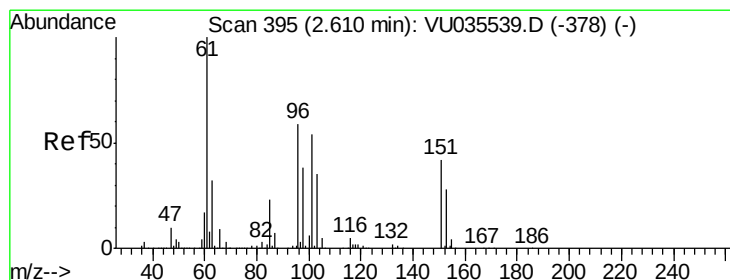
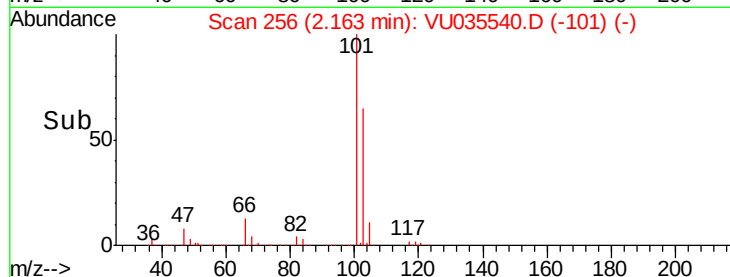
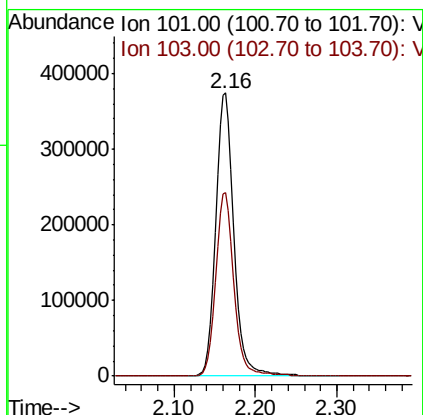
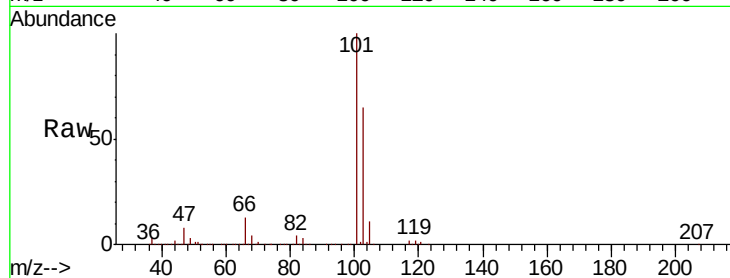


#7

Trichlorofluoromethane
Concen: 14.611 ug/l
RT: 2.16 min Scan# 256
Delta R.T. -0.00 min
Lab File: VU035540.D
Acq: 29 Oct 2019 14:44

Instrument :
MSVOA_U
ClientSampleId :

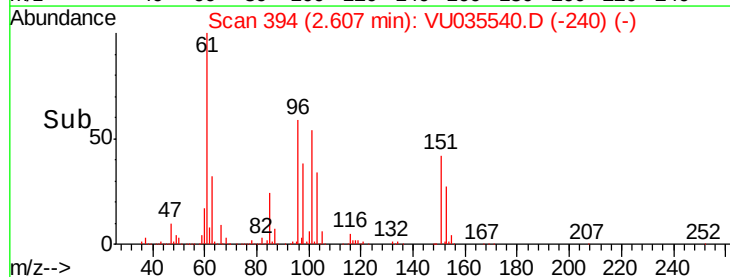
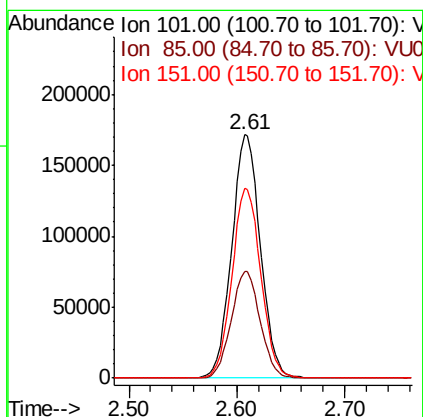
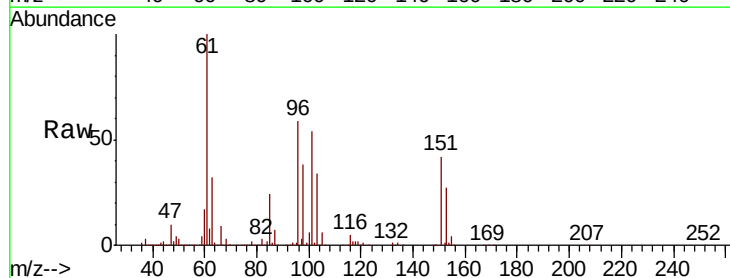
Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	51.0	76.6

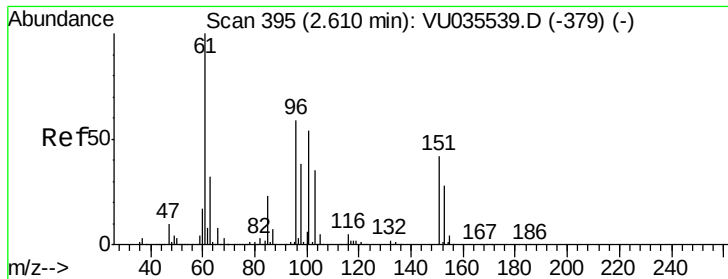


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 14.529 ug/l
RT: 2.61 min Scan# 394
Delta R.T. -0.00 min
Lab File: VU035540.D
Acq: 29 Oct 2019 14:44

Tgt Ion	Ratio	Lower	Upper
101	100		
85	44.4	35.8	53.6
151	78.6	61.8	92.6





#9

1,1-Dichloroethene

Concen: 13.938 ug/l

RT: 2.61 min Scan# 394

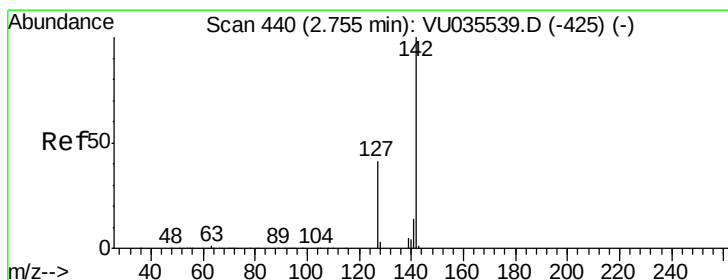
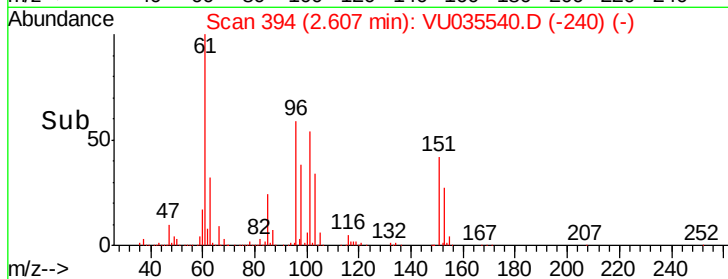
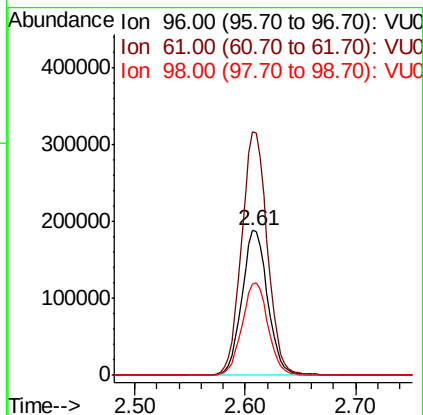
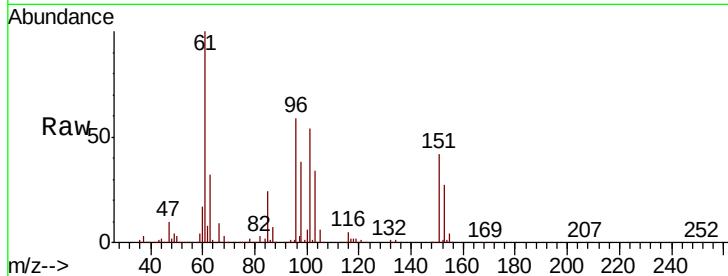
Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	96	Resp:	304681
Ion	Ratio	Lower	Upper
96	100		
61	168.4	0.0	508.8
98	63.4	0.0	130.4



#10

Iodomethane

Concen: 12.947 ug/l

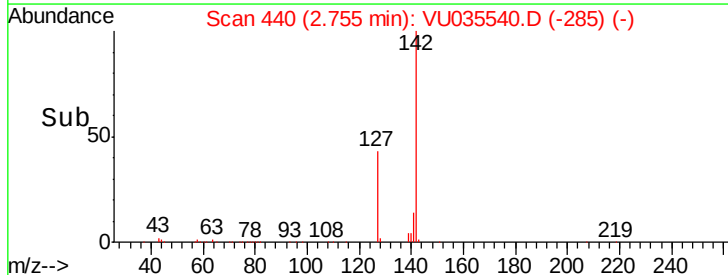
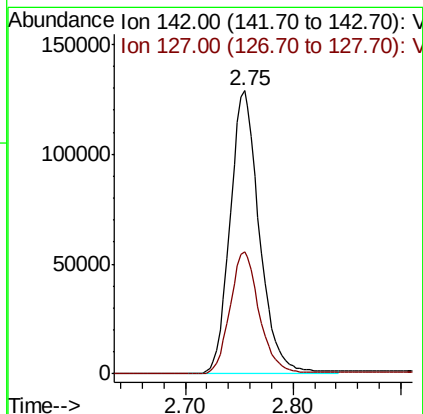
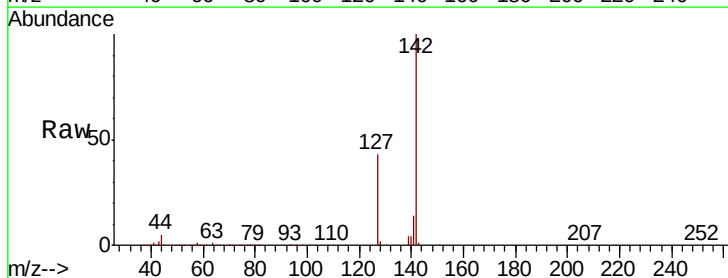
RT: 2.75 min Scan# 440

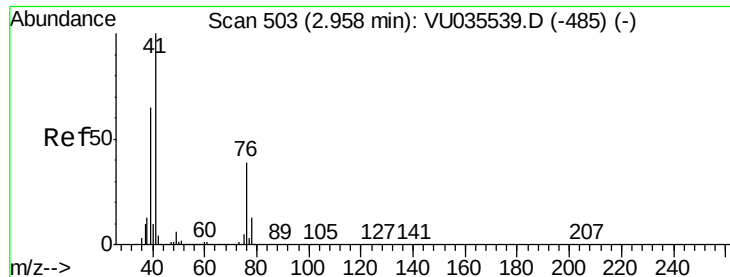
Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

Tgt Ion:	142	Resp:	245410
Ion	Ratio	Lower	Upper
142	100		
127	43.1	33.4	50.0

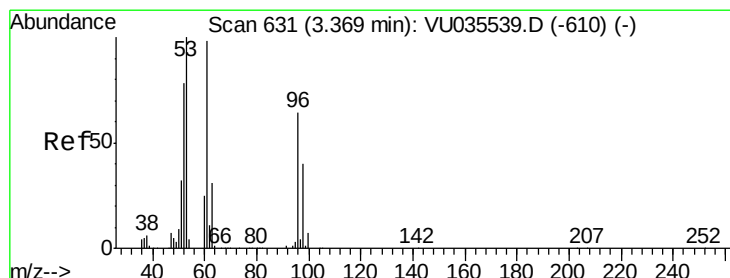
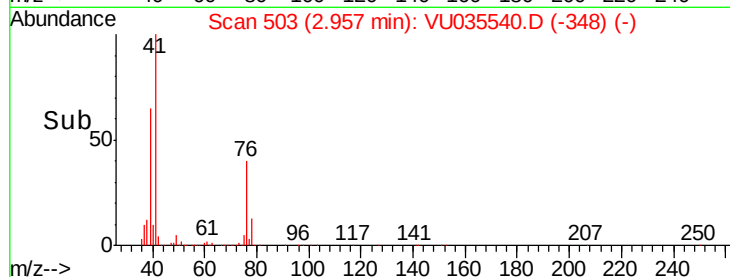
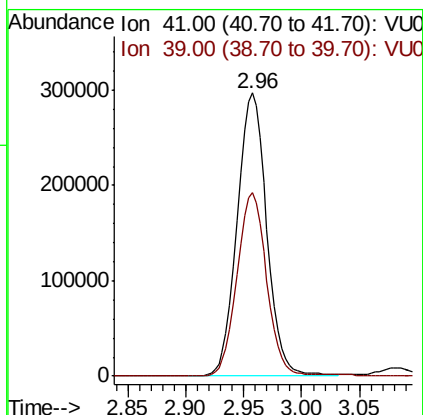
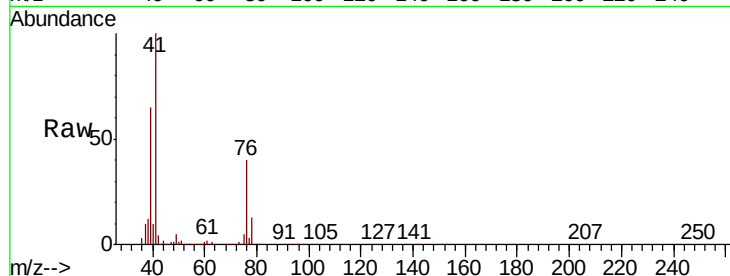




#11
 Allvl Chloride
 Concen: 14.517 ug/l
 RT: 2.96 min Scan# 503
 Delta R.T. -0.00 min
 Lab File: VU035540.D
 Acq: 29 Oct 2019 14:44

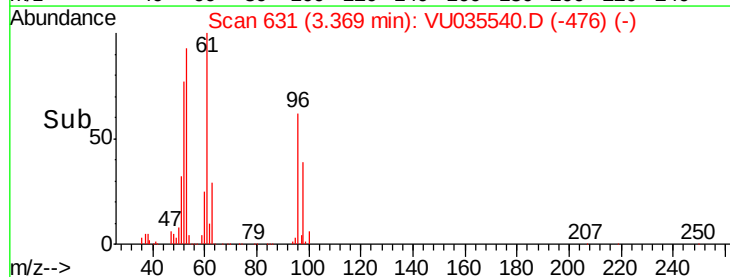
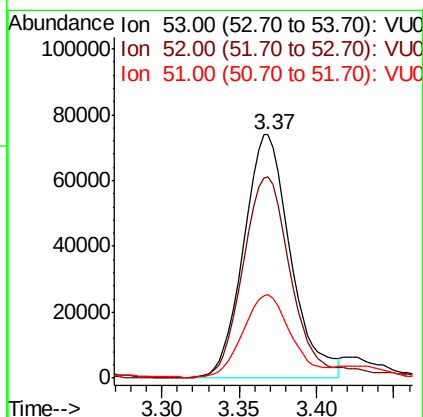
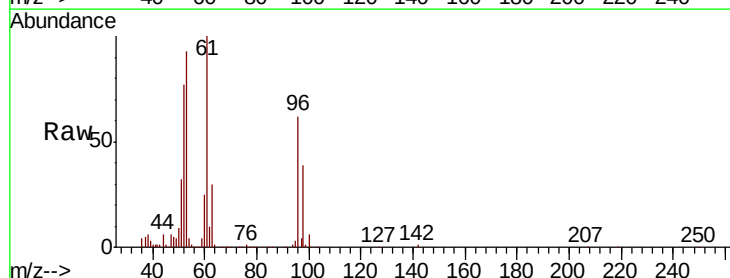
Instrument :
 MSVOA_U
 ClientSampleId :

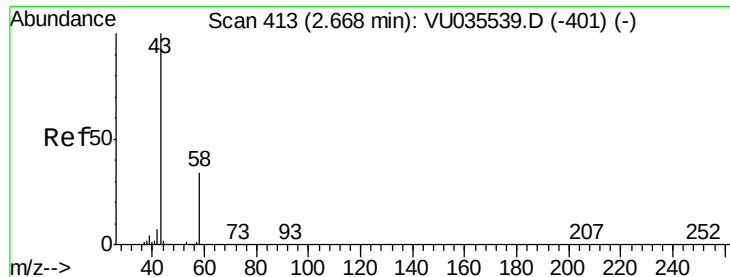
Tot Ion: 41 Resp: 523363
 Ion Ratio Lower Upper
 41 100
 39 65.0 52.0 78.0



#12
 Acrylonitrile
 Concen: 32.943 ug/l
 RT: 3.37 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: VU035540.D
 Acq: 29 Oct 2019 14:44

Tgt Ion: 53 Resp: 155264
 Ion Ratio Lower Upper
 53 100
 52 87.4 67.4 101.0
 51 34.9 27.0 40.4





#13

Acetone

Concen: 94.410 ug/l

RT: 2.67 min Scan# 413

Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

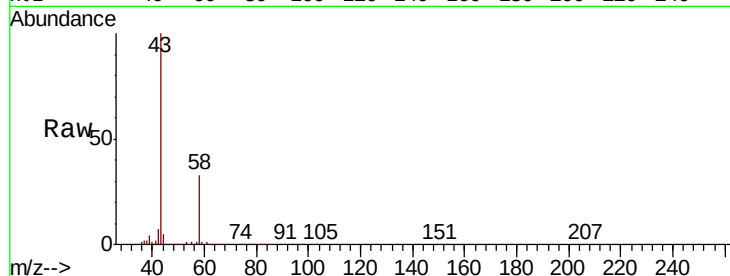
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 375269

Ion Ratio Lower Upper

43 100

58 33.4 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU035539.D (-401) (-)

Ion 58.00 (57.70 to 58.70): VU035539.D (-401) (-)

2.67

200000

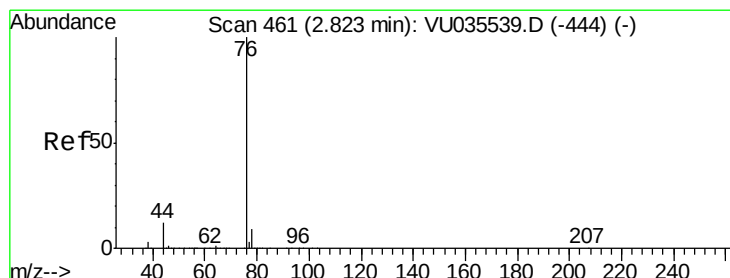
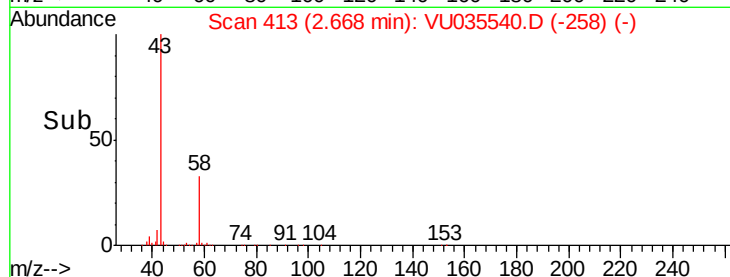
150000

100000

50000

0

Time-->



#14

Carbon Disulfide

Concen: 14.122 ug/l

RT: 2.82 min Scan# 461

Delta R.T. -0.00 min

Lab File: VU035540.D

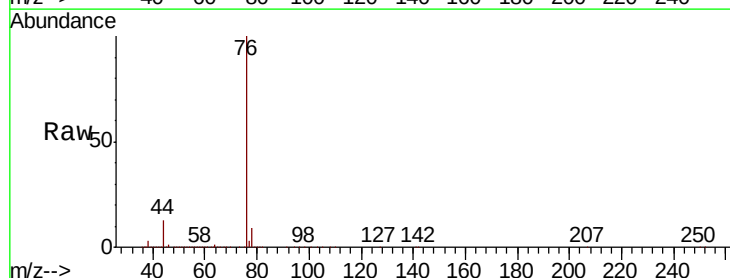
Acq: 29 Oct 2019 14:44

Tgt Ion: 76 Resp: 1084515

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VU035539.D (-444) (-)

Ion 78.00 (77.70 to 78.70): VU035539.D (-444) (-)

2.82

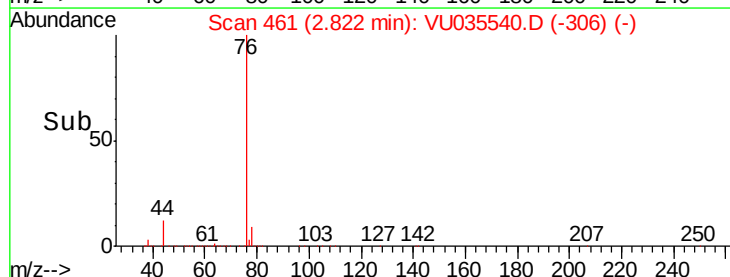
600000

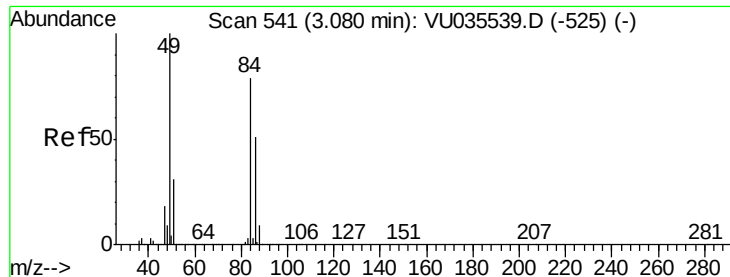
400000

200000

0

Time-->

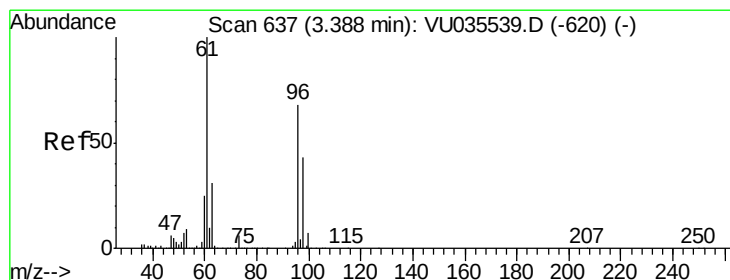
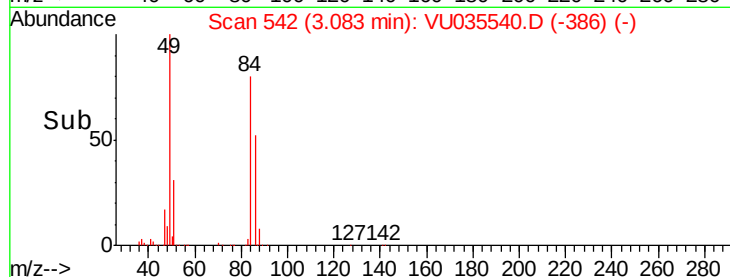
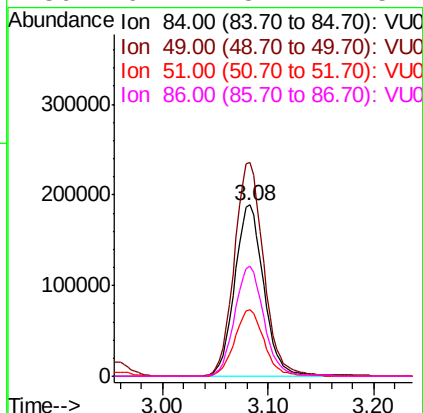
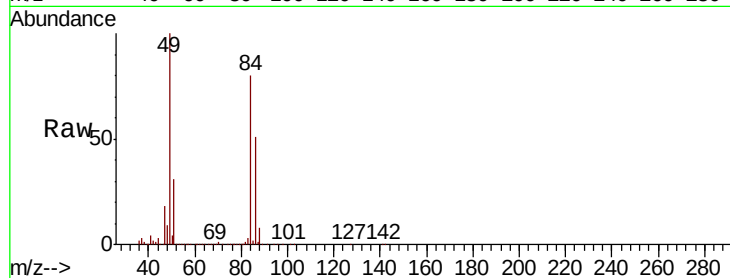




#15
Methylene Chloride
Concen: 14.014 ug/l
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035540.D
Acq: 29 Oct 2019 14:44

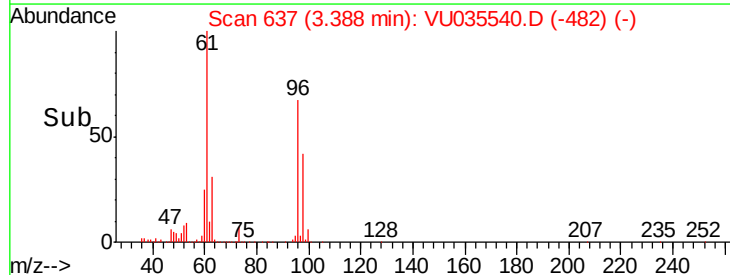
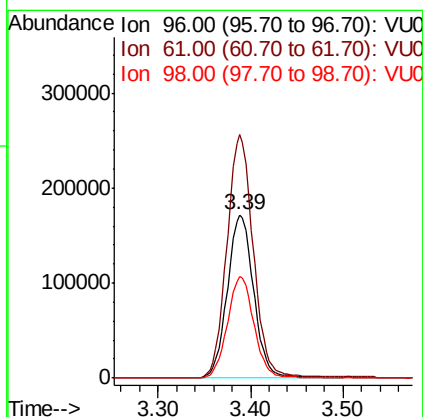
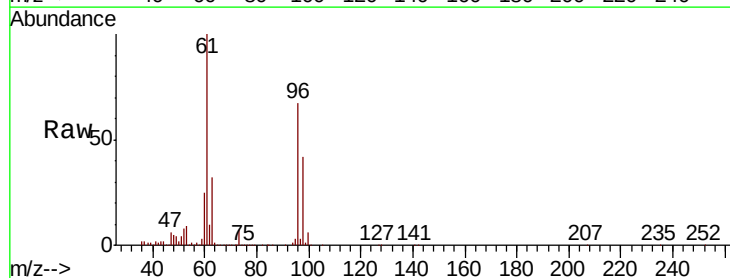
Instrument :
MSVOA_U
ClientSampleId :

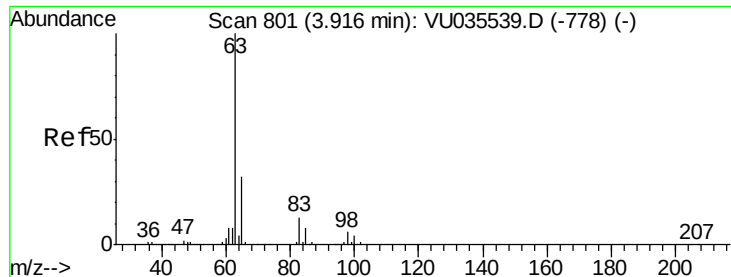
Tot Ion: 84 Resp: 361114
Ion Ratio Lower Upper
84 100
49 124.7 101.5 152.3
51 38.8 0.0 78.6
86 64.2 52.2 78.2



#16
trans-1,2-Dichloroethene
Concen: 13.841 ug/l
RT: 3.39 min Scan# 637
Delta R.T. -0.00 min
Lab File: VU035540.D
Acq: 29 Oct 2019 14:44

Tgt Ion: 96 Resp: 337993
Ion Ratio Lower Upper
96 100
61 149.2 117.8 176.8
98 62.1 50.2 75.2

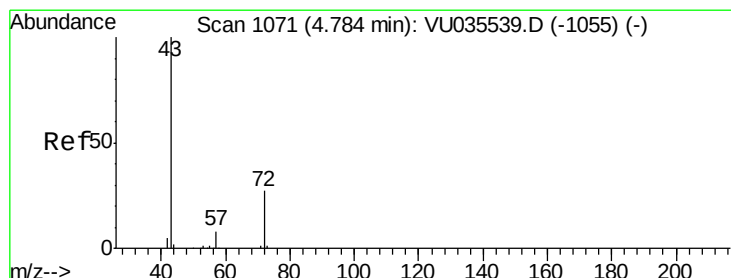
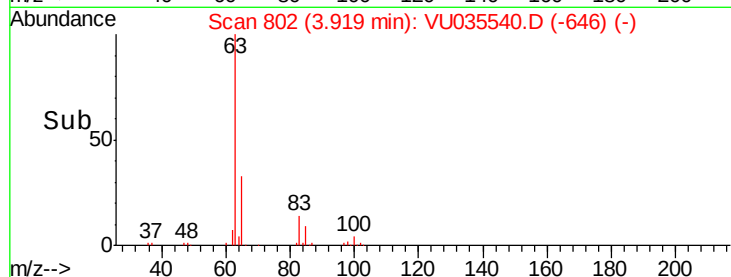
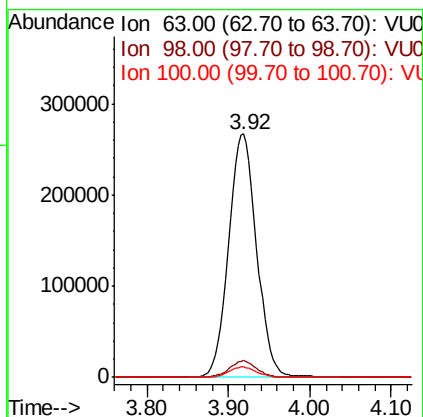
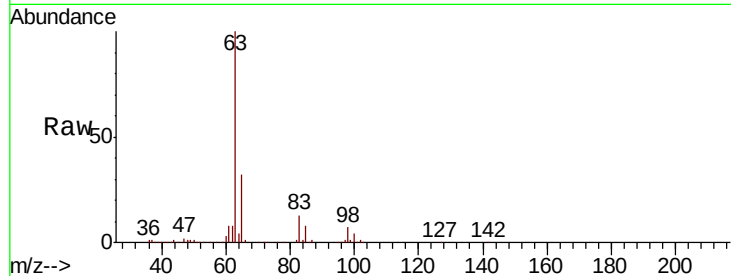




#17
 1,1-Dichloroethane
 Concen: 13.866 ug/l
 RT: 3.92 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: VU035540.D
 Acq: 29 Oct 2019 14:44

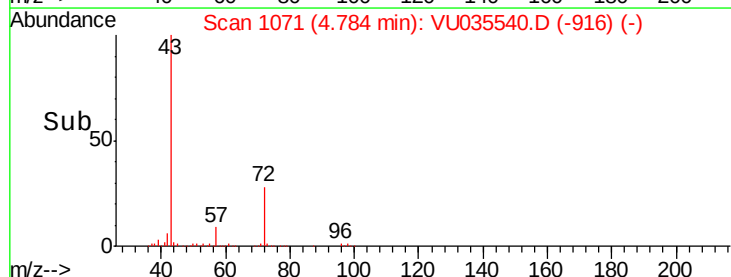
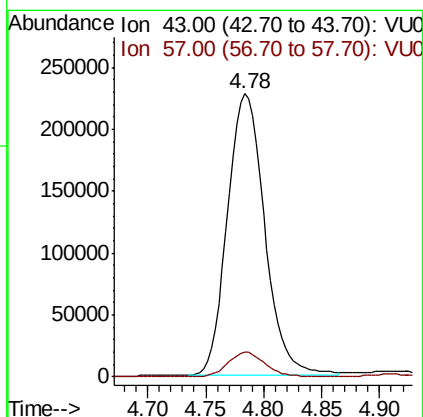
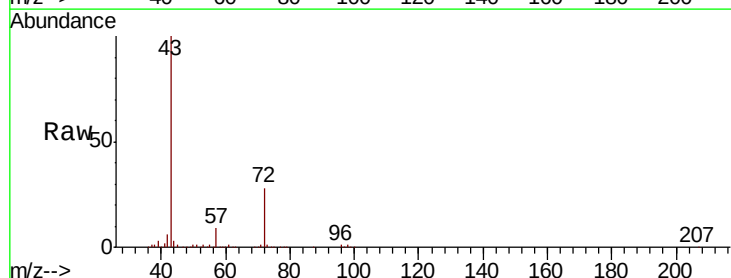
Instrument :
 MSVOA_U
 ClientSampleId :

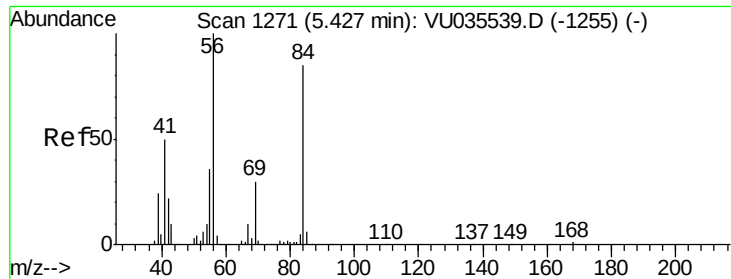
Tot Ion	63	Resp	643438
Ion Ratio	Lower	Upper	
63	100		
98	6.7	3.1	9.3
100	4.2	2.1	6.3



#18
 2-Butanone
 Concen: 90.893 ug/l
 RT: 4.78 min Scan# 1071
 Delta R.T. -0.00 min
 Lab File: VU035540.D
 Acq: 29 Oct 2019 14:44

Tgt Ion	43	Resp	509507
Ion Ratio	Lower	Upper	
43	100		
57	8.6	0.0	17.0

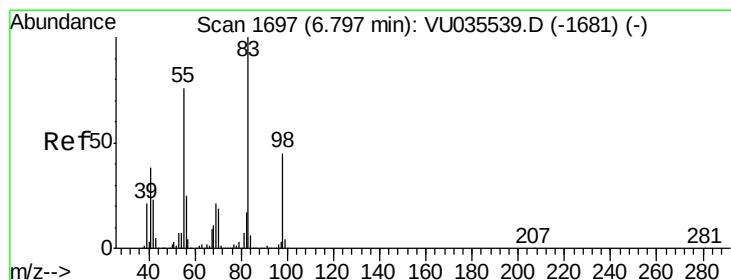
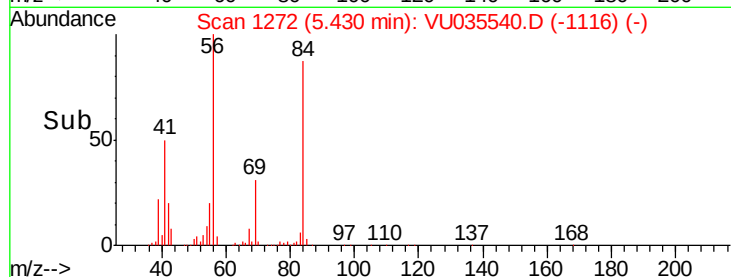
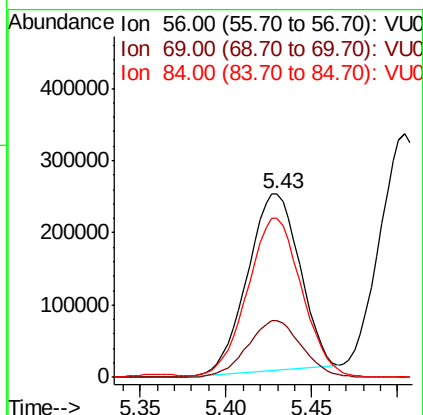
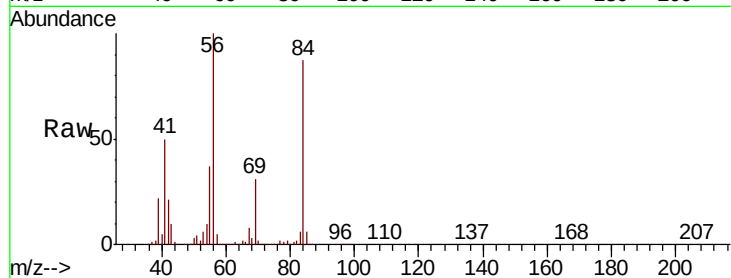




#19
Cyclohexane
Concen: 14.420 ug/l
RT: 5.43 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU035540.D
Acq: 29 Oct 2019 14:44

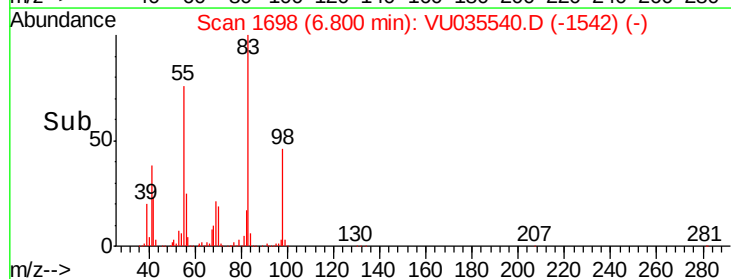
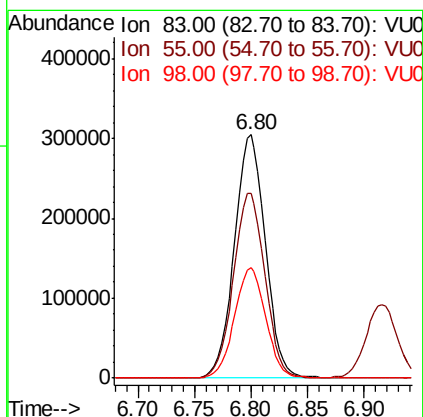
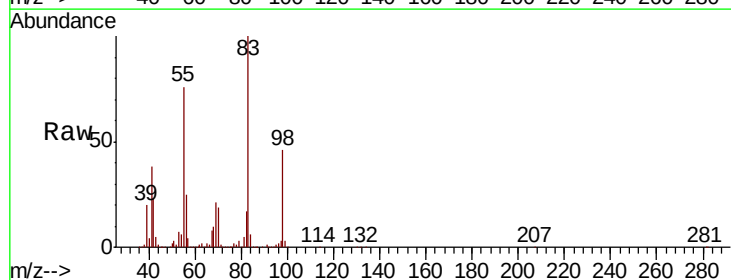
Instrument :
MSVOA_U
ClientSampleId :

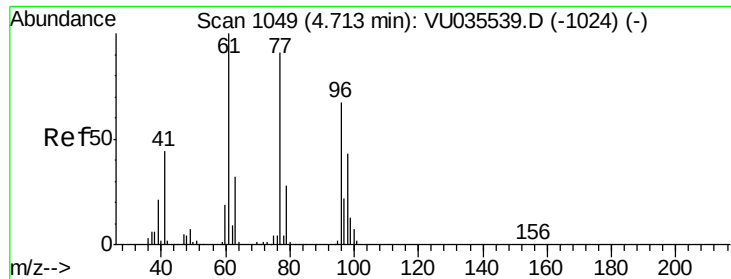
Tot Ion: 56 Resp: 514838
Ion Ratio Lower Upper
56 100
69 33.4 26.4 39.6
84 92.3 72.9 109.3



#20
Methylcyclohexane
Concen: 15.363 ug/l
RT: 6.80 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VU035540.D
Acq: 29 Oct 2019 14:44

Tgt Ion: 83 Resp: 579183
Ion Ratio Lower Upper
83 100
55 76.9 61.2 91.8
98 45.8 36.7 55.1

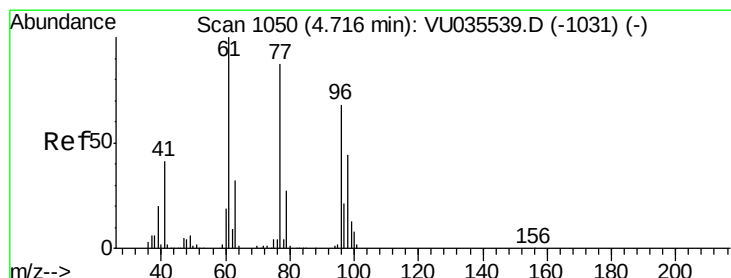
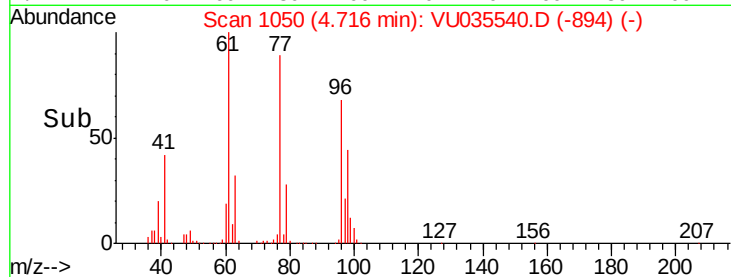
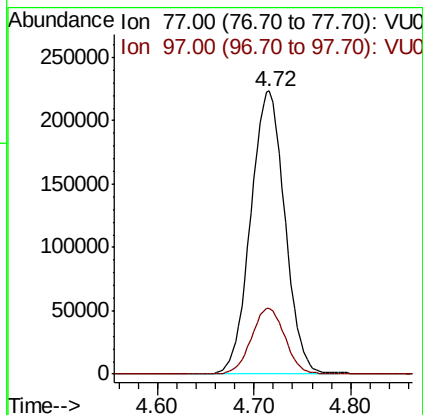
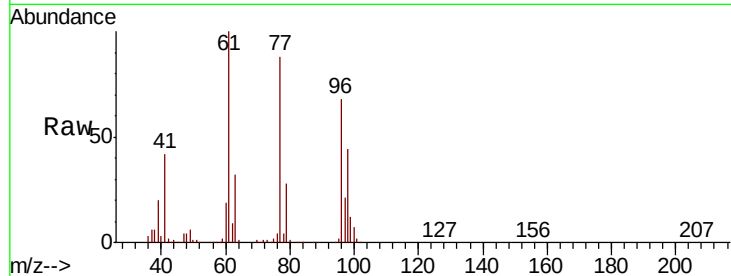




#21
 2,2-Dichloropropane
 Concen: 14.316 ug/l
 RT: 4.72 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VU035540.D
 Acq: 29 Oct 2019 14:44

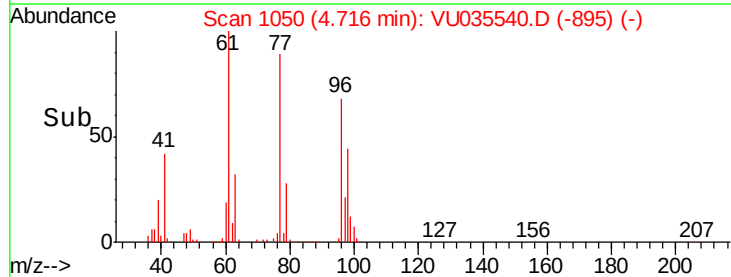
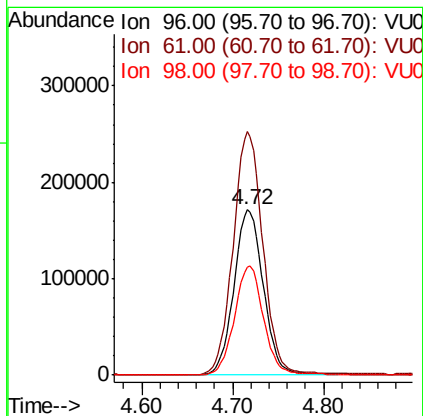
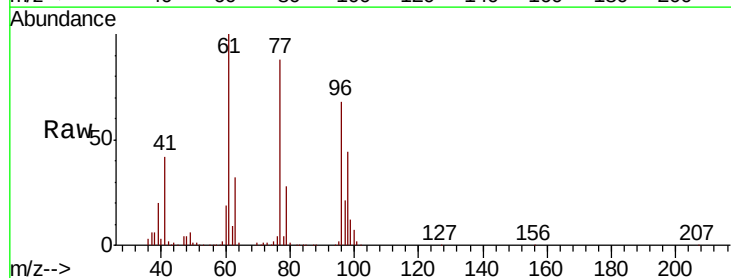
Instrument :
 MSVOA_U
 ClientSampled :

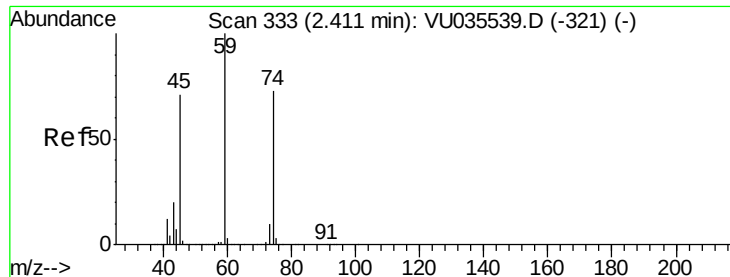
Tot Ion: 77 Resp: 548334
 Ion Ratio Lower Upper
 77 100
 97 22.9 18.8 28.2



#22
 cis-1,2-Dichloroethene
 Concen: 14.634 ug/l
 RT: 4.72 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VU035540.D
 Acq: 29 Oct 2019 14:44

Tgt Ion: 96 Resp: 387222
 Ion Ratio Lower Upper
 96 100
 61 148.3 0.0 370.5
 98 64.7 31.8 95.4

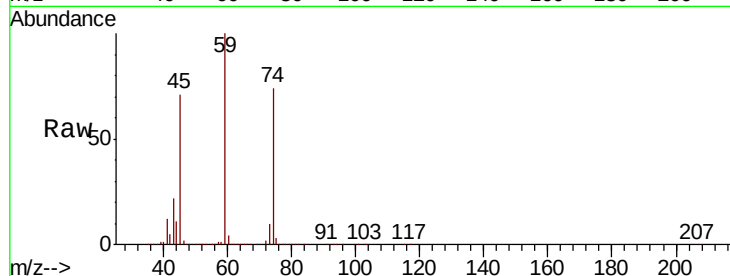




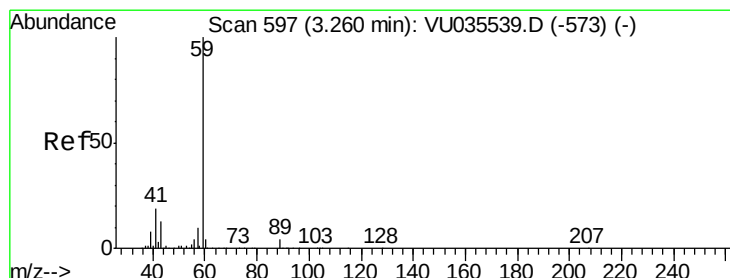
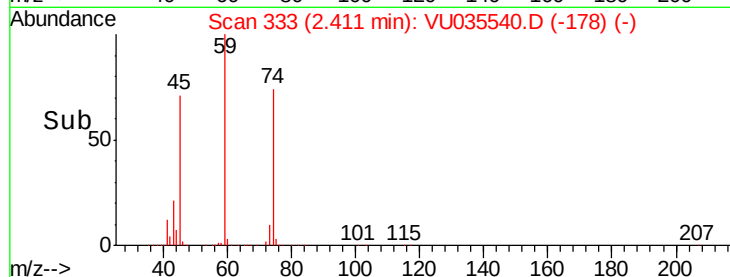
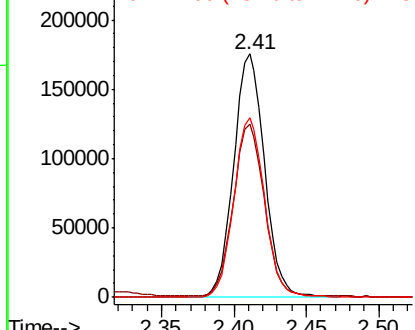
#23
Diethyl Ether
Concen: 15.586 ug/l
RT: 2.41 min Scan# 333
Delta R.T. -0.00 min
Lab File: VU035540.D
Acq: 29 Oct 2019 14:44

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
59	100		
45	71.5	56.9	85.3
74	73.7	59.5	89.3

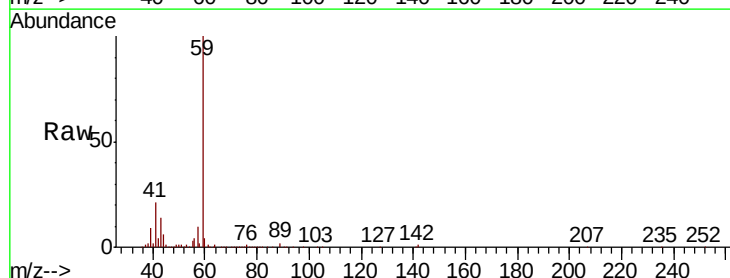


Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 45.00 (44.70 to 45.70): VU0
Ion 74.00 (73.70 to 74.70): VU0

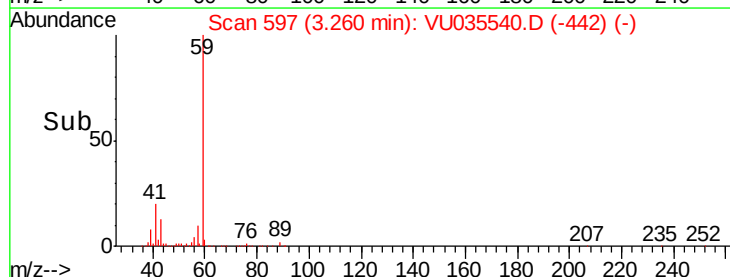
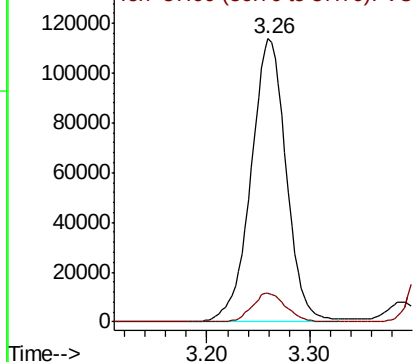


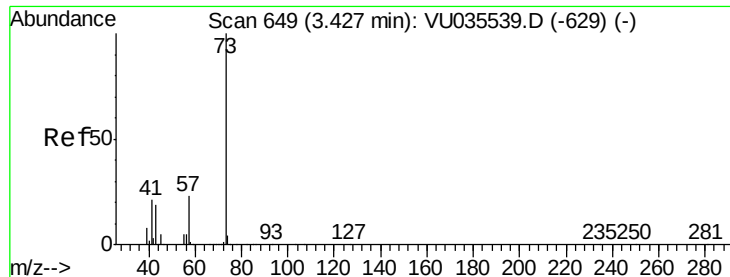
#24
tert-Butyl Alcohol
Concen: 117.126 ug/l
RT: 3.26 min Scan# 597
Delta R.T. -0.00 min
Lab File: VU035540.D
Acq: 29 Oct 2019 14:44

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.8	7.4	11.0



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



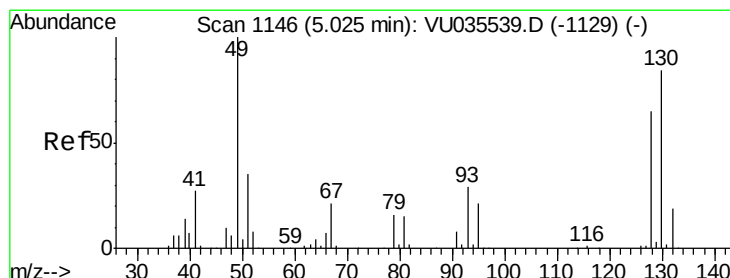
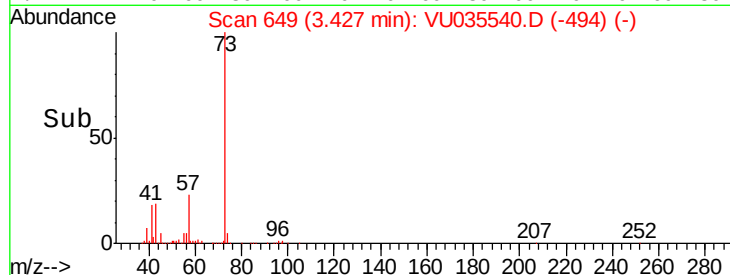
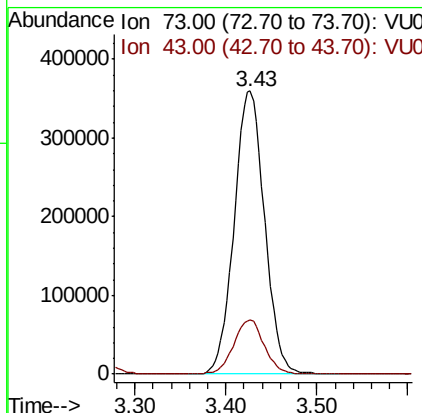
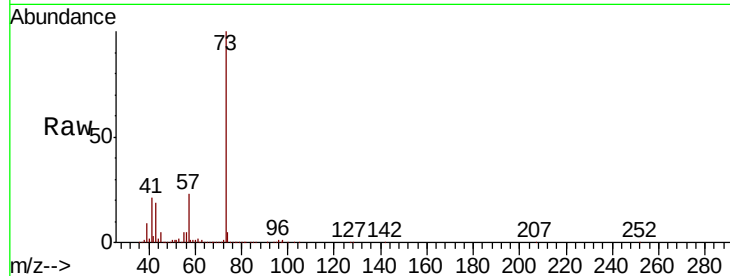


#25

Methyl tert-Butyl Ether
 Concen: 15.681 ug/l
 RT: 3.43 min Scan# 649
 Delta R.T. -0.00 min
 Lab File: VU035540.D
 Acq: 29 Oct 2019 14:44

Instrument :
 MSVOA_U
 ClientSampled :

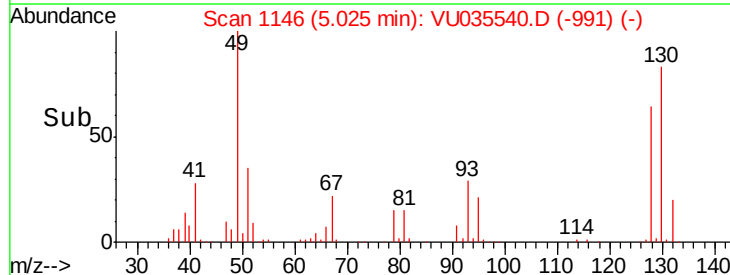
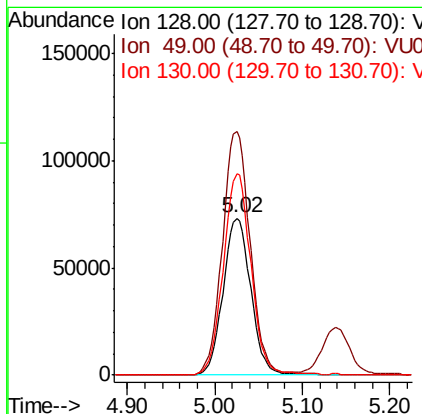
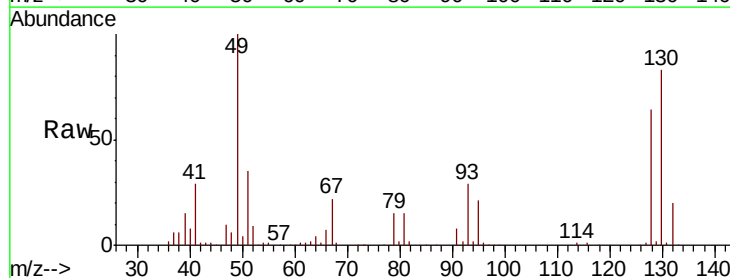
Tot Ion: 73 Resp: 835618
 Ion Ratio Lower Upper
 73 100
 43 18.6 15.4 23.2

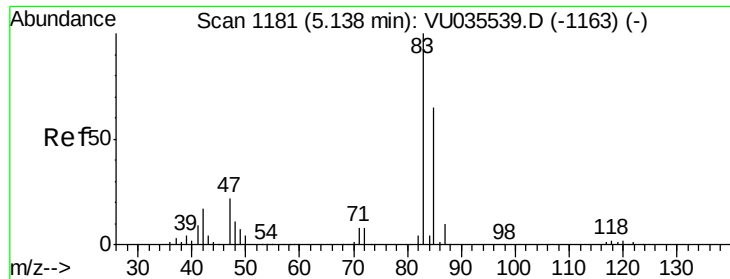


#26

Bromochloromethane
 Concen: 14.399 ug/l
 RT: 5.02 min Scan# 1146
 Delta R.T. -0.00 min
 Lab File: VU035540.D
 Acq: 29 Oct 2019 14:44

Tgt Ion: 128 Resp: 161650
 Ion Ratio Lower Upper
 128 100
 49 154.5 0.0 309.0
 130 127.7 101.8 152.8

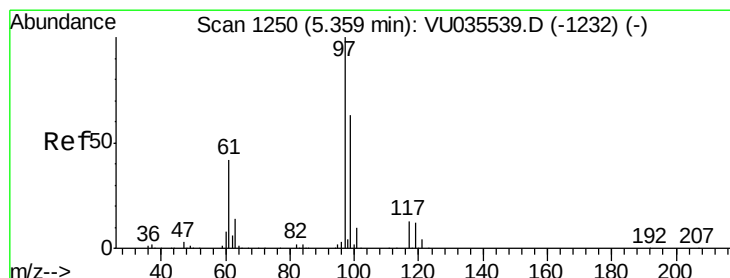
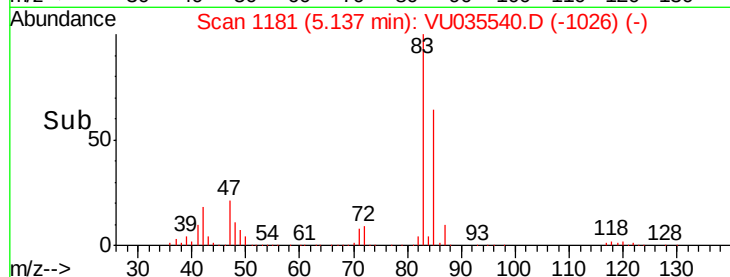
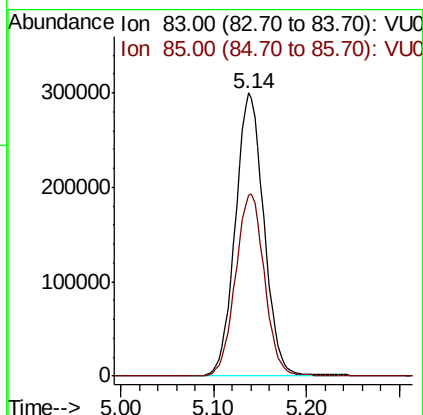
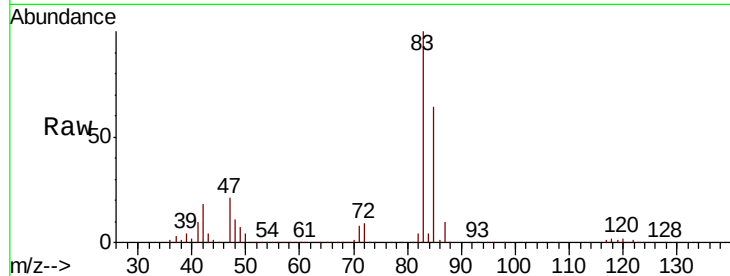




#27
Chloroform
Concen: 13.249 ug/l
RT: 5.14 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU035540.D
Acq: 29 Oct 2019 14:44

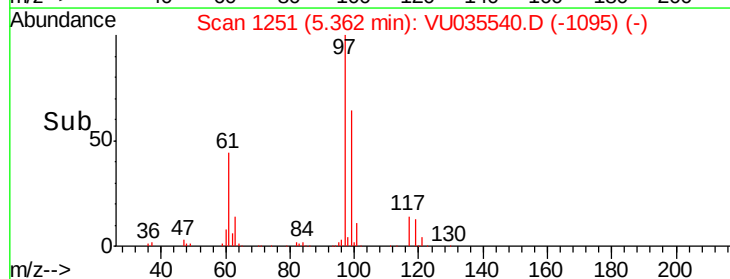
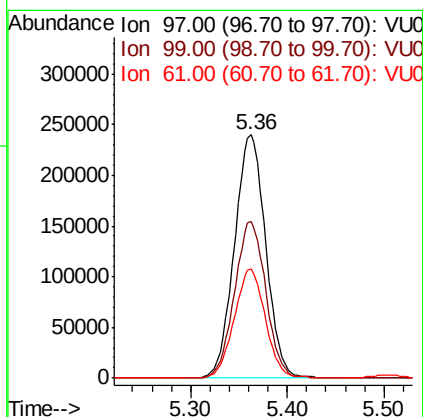
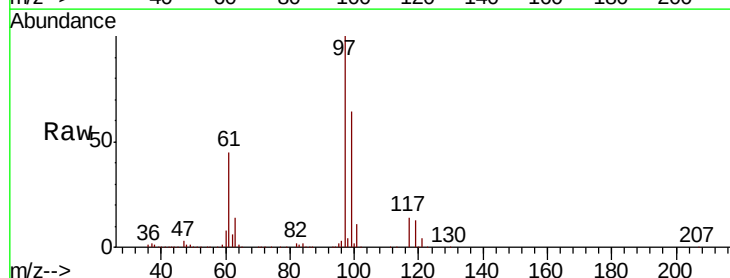
Instrument :
MSVOA_U
ClientSampleId :

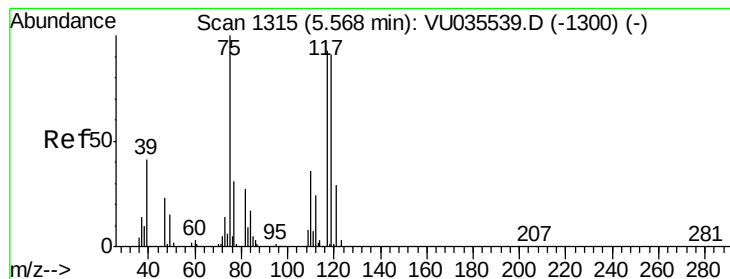
Tot Ion: 83 Resp: 642262
Ion Ratio Lower Upper
83 100
85 64.0 0.0 130.6



#28
1,1,1-Trichloroethane
Concen: 14.211 ug/l
RT: 5.36 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VU035540.D
Acq: 29 Oct 2019 14:44

Tgt Ion: 97 Resp: 539318
Ion Ratio Lower Upper
97 100
99 64.4 32.6 97.7
61 44.4 21.8 65.4





#29

1,1-Dichloropropene

Concen: 14.861 ug/l

RT: 5.57 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

Instrument :
MSVOA_U
ClientSampleId :

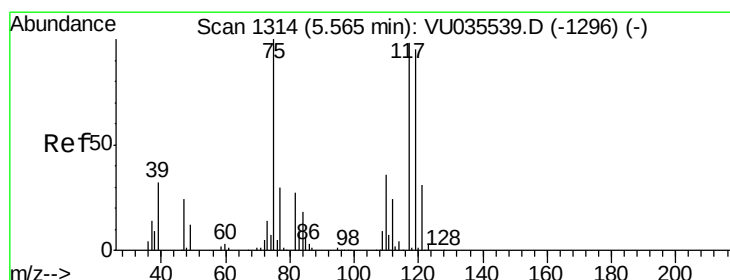
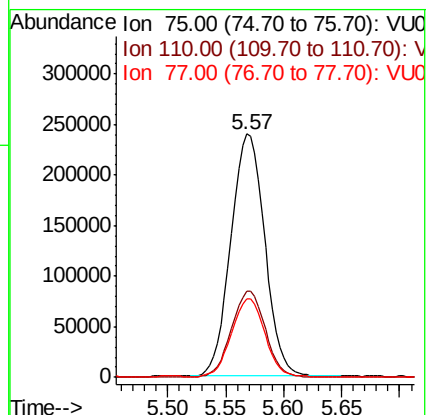
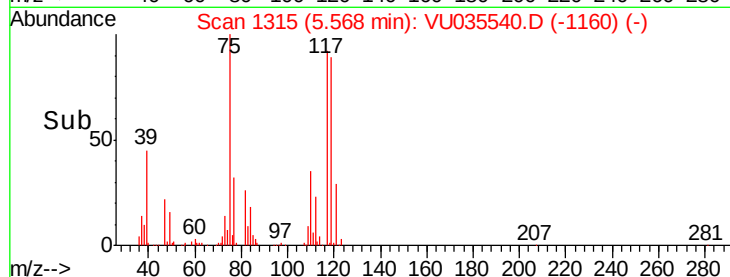
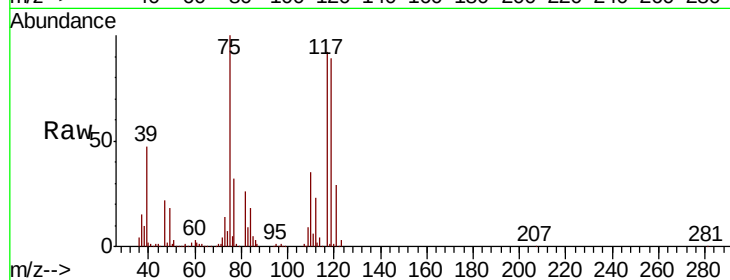
Tot Ion: 75 Resp: 485723

Ion Ratio Lower Upper

75 100

110 35.8 18.3 54.8

77 31.1 24.6 37.0



#30

Carbon Tetrachloride

Concen: 14.414 ug/l

RT: 5.56 min Scan# 1314

Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

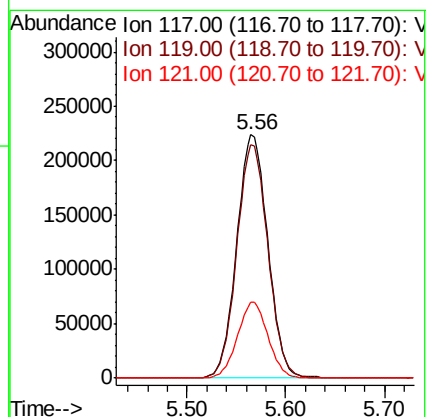
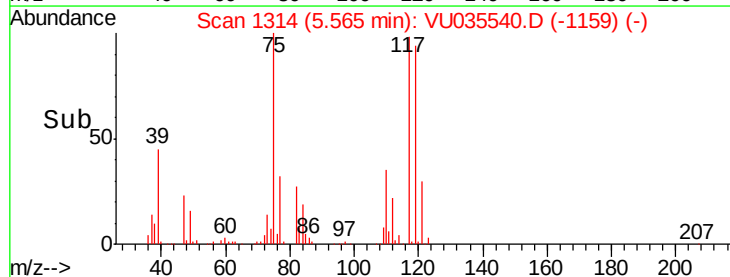
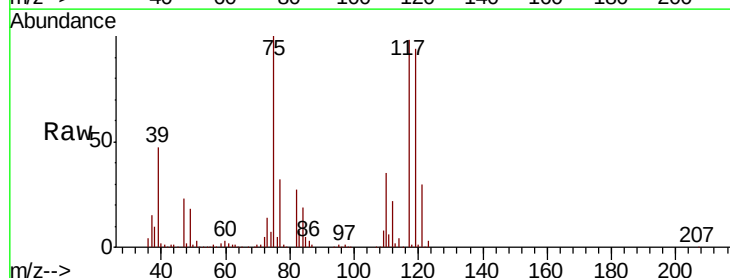
Tgt Ion: 117 Resp: 490028

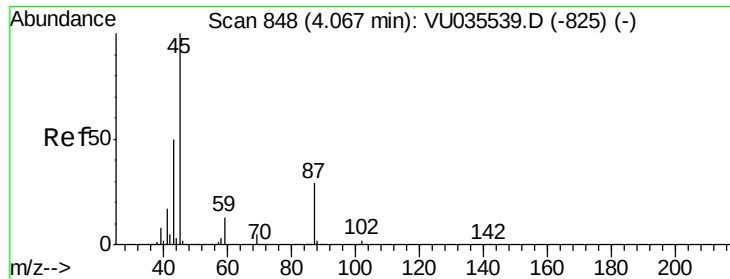
Ion Ratio Lower Upper

117 100

119 95.8 77.3 115.9

121 31.0 25.2 37.8





#31

Isopropyl Ether

Concen: 14.607 ug/l

RT: 4.07 min Scan# 848

Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

Instrument :

MSVOA_U

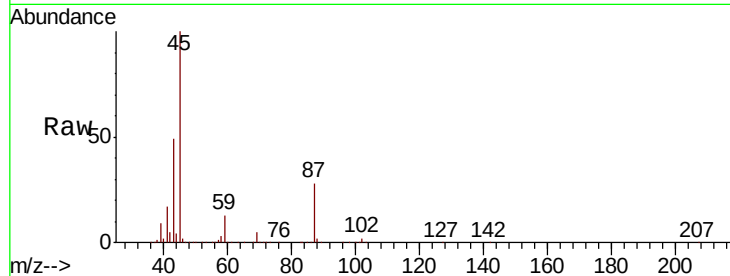
ClientSampleId :

Tot Ion: 45 Resp: 972341

Ion Ratio Lower Upper

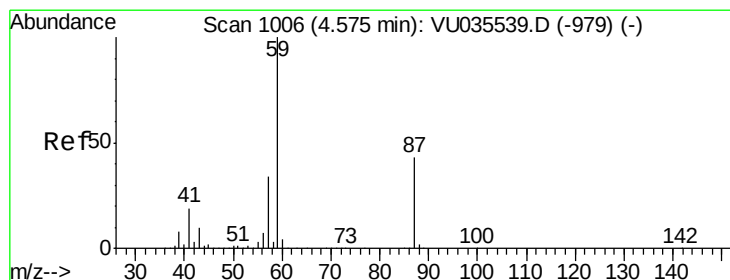
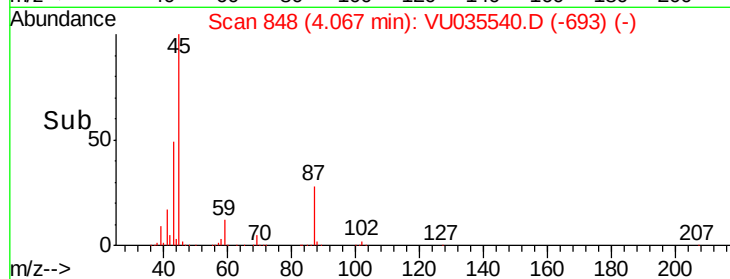
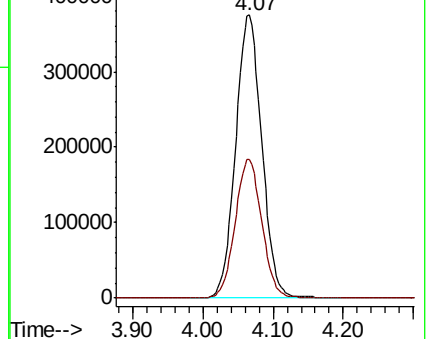
45 100

43 49.8 25.3 75.8



Abundance Ion 45.00 (44.70 to 45.70): VU035539.D (-825) (-)

Ion 43.00 (42.70 to 43.70): VU035539.D (-825) (-)



#32

Ethyl-t-butyl ether

Concen: 15.857 ug/l

RT: 4.57 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VU035540.D

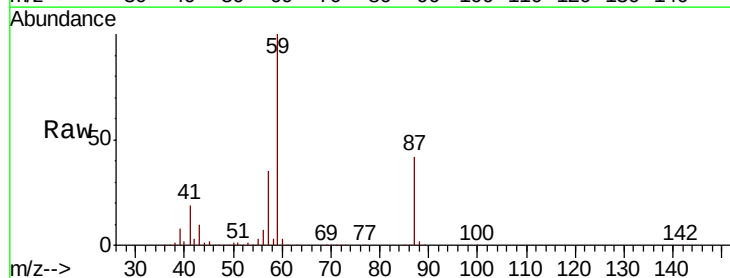
Acq: 29 Oct 2019 14:44

Tgt Ion: 59 Resp: 915317

Ion Ratio Lower Upper

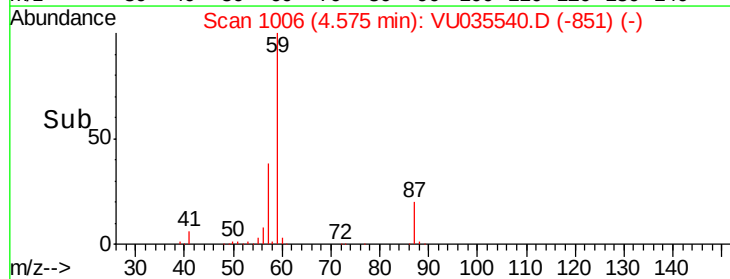
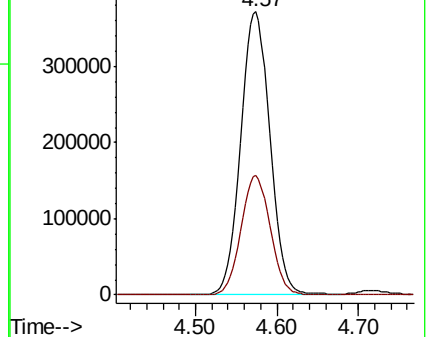
59 100

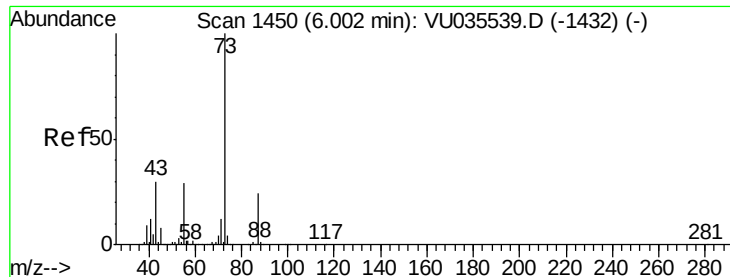
87 42.0 33.9 50.9



Abundance Ion 59.00 (58.70 to 59.70): VU035539.D (-979) (-)

Ion 87.00 (86.70 to 87.70): VU035539.D (-979) (-)

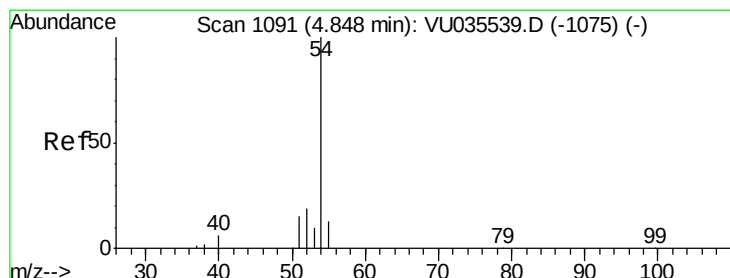
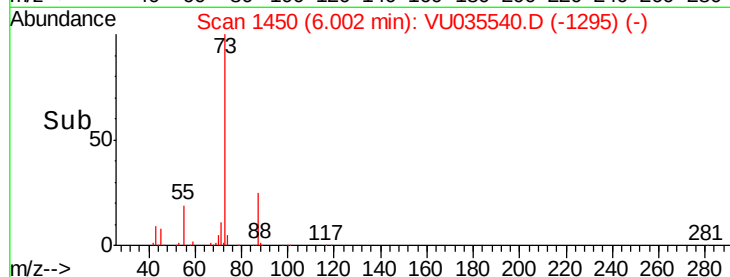
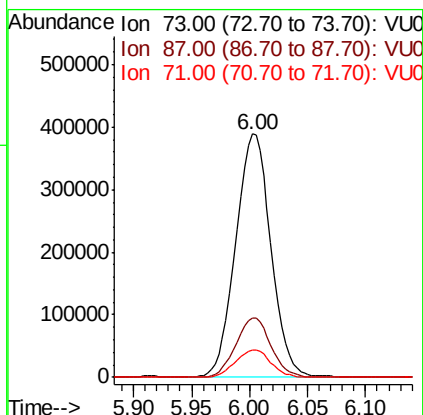
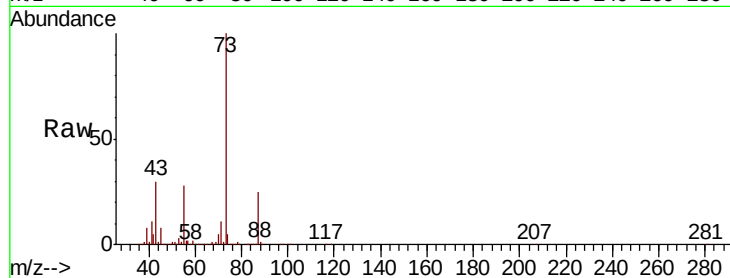




#33
Tert-Butyl methyl ether
Concen: 16.748 ug/l
RT: 6.00 min Scan# 1450
Delta R.T. -0.00 min
Lab File: VU035540.D
Acq: 29 Oct 2019 14:44

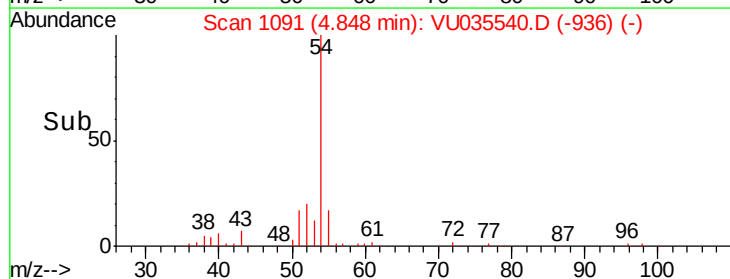
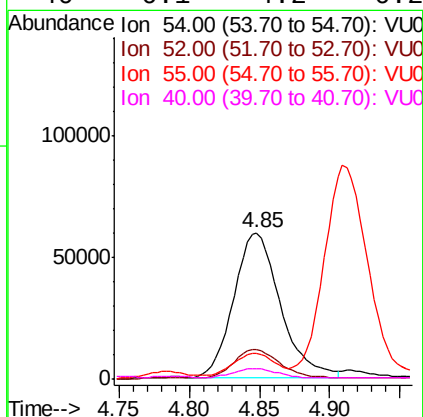
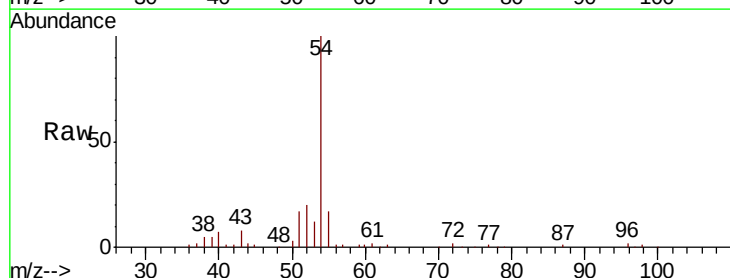
Instrument :
MSVOA_U
ClientSampleId :

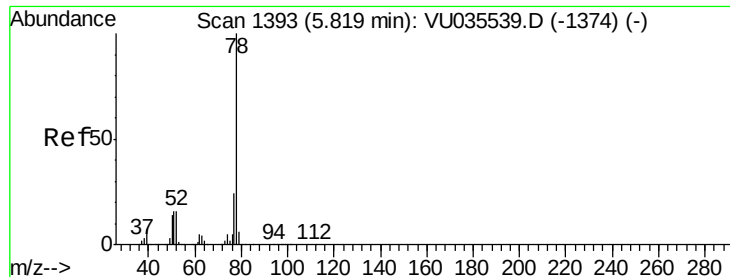
Tot Ion: 73 Resp: 813248
Ion Ratio Lower Upper
73 100
87 24.5 19.5 29.3
71 11.4 9.4 14.2



#34
Propionitrile
Concen: 86.182 ug/l
RT: 4.85 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VU035540.D
Acq: 29 Oct 2019 14:44

Tgt Ion: 54 Resp: 138193
Ion Ratio Lower Upper
54 100
52 20.1 14.6 21.8
55 14.3 11.7 17.5
40 6.1 4.2 6.2





#35

Benzene

Concen: 14.577 ug/l

RT: 5.82 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

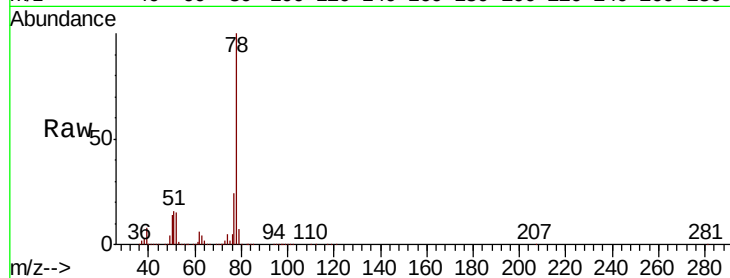
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 78 Resp: 1430489

Ion Ratio Lower Upper

78 100

77 24.3 19.0 28.4



Abundance Ion 78.10 (77.80 to 78.80): VU035539.D (-1374) (-)

Ion 77.00 (76.70 to 77.70): VU035540.D (-1238) (-)

5.82

800000

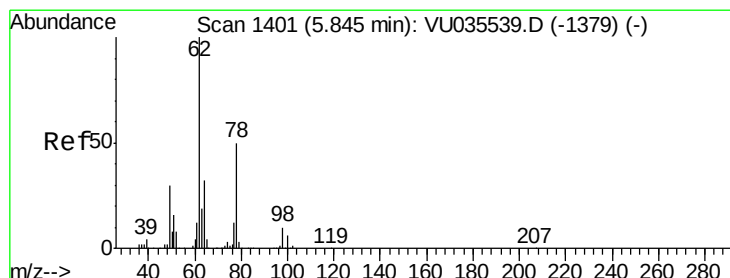
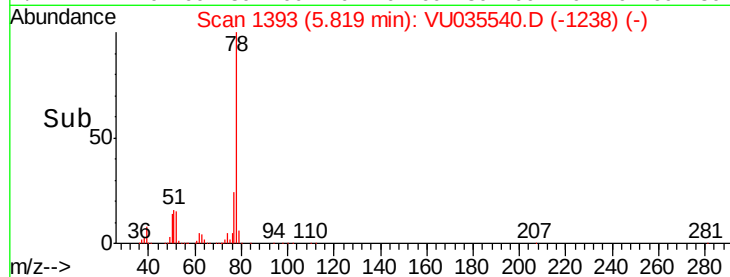
600000

400000

200000

0

Time-->



#36

1,2-Dichloroethane

Concen: 15.610 ug/l

RT: 5.84 min Scan# 1400

Delta R.T. -0.00 min

Lab File: VU035540.D

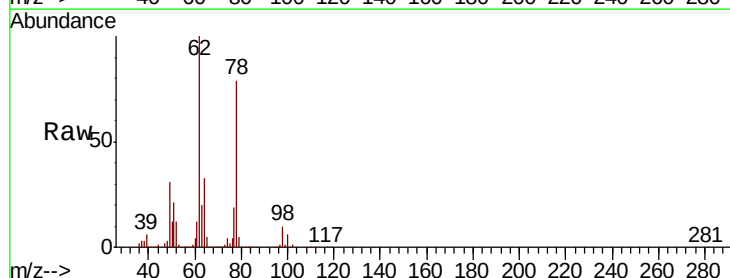
Acq: 29 Oct 2019 14:44

Tgt Ion: 62 Resp: 398754

Ion Ratio Lower Upper

62 100

98 9.5 7.5 11.3



Abundance Ion 62.00 (61.70 to 62.70): VU035539.D (-1379) (-)

Ion 98.00 (97.70 to 98.70): VU035540.D (-1246) (-)

5.84

200000

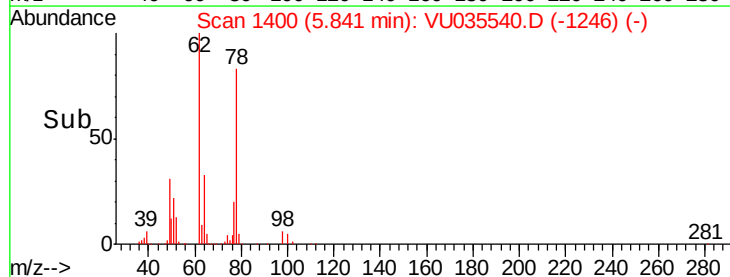
150000

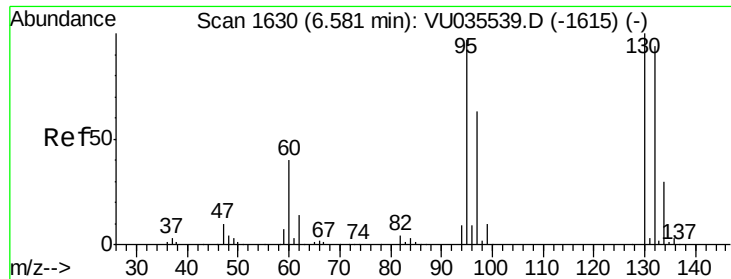
100000

50000

0

Time-->

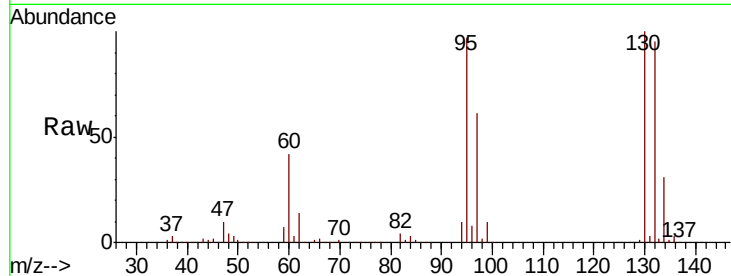




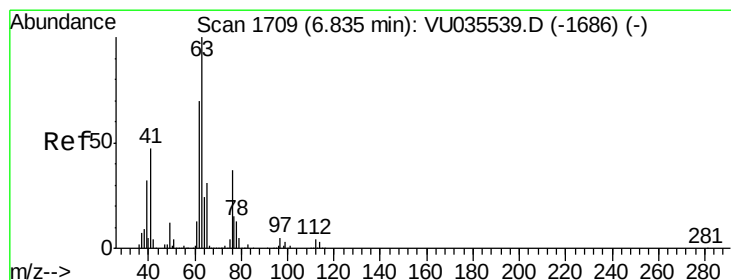
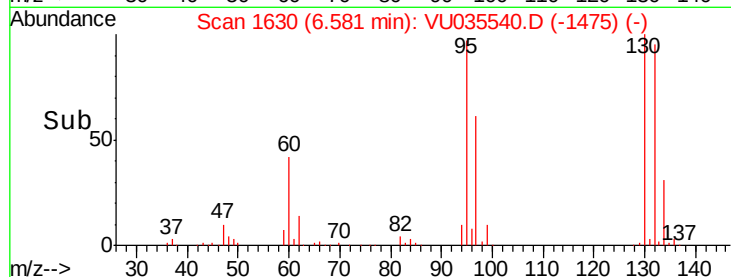
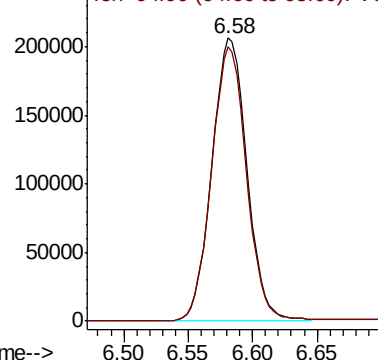
#37
 Trichloroethene
 Concen: 14.206 ug/l
 RT: 6.58 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: VU035540.D
 Acq: 29 Oct 2019 14:44

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:130 Resp: 389355
 Ion Ratio Lower Upper
 130 100
 95 97.2 77.5 116.3

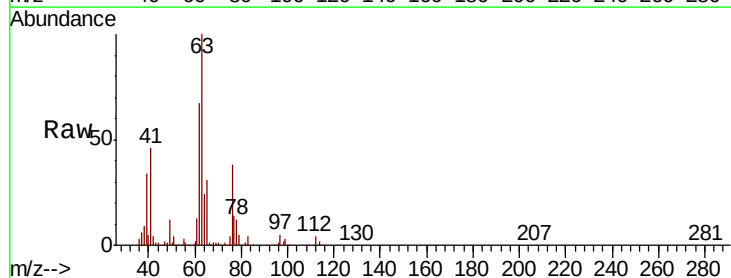


Abundance Ion 129.90 (129.60 to 130.60): VU035539.D (-1615) (-)
 Ion 94.90 (94.60 to 95.60): VU035539.D (-1615) (-)

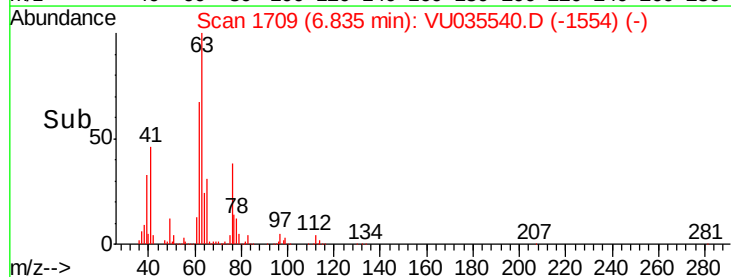
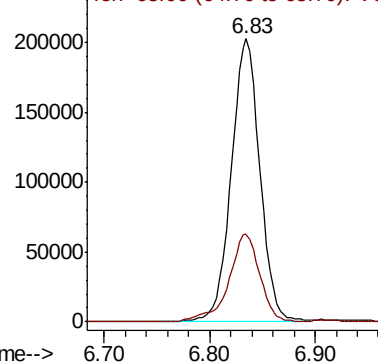


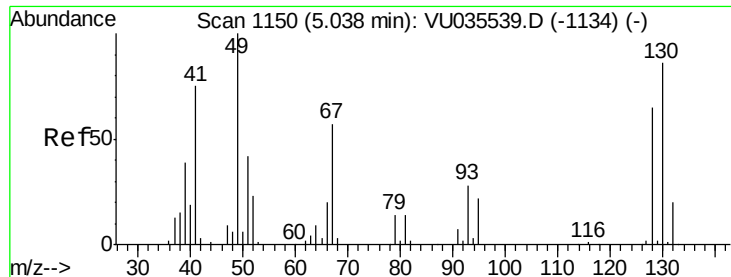
#38
 1,2-Dichloropropane
 Concen: 14.705 ug/l
 RT: 6.83 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: VU035540.D
 Acq: 29 Oct 2019 14:44

Tgt Ion: 63 Resp: 384102
 Ion Ratio Lower Upper
 63 100
 65 31.1 25.0 37.6



Abundance Ion 63.00 (62.70 to 63.70): VU035539.D (-1686) (-)
 Ion 65.00 (64.70 to 65.70): VU035539.D (-1686) (-)

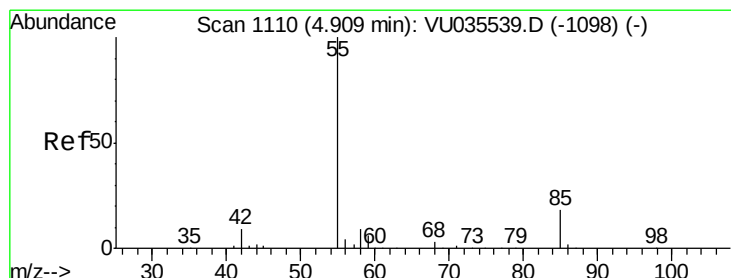
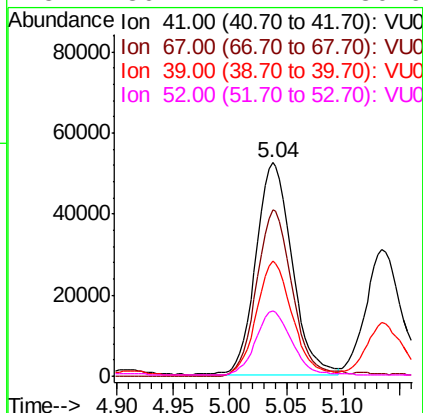
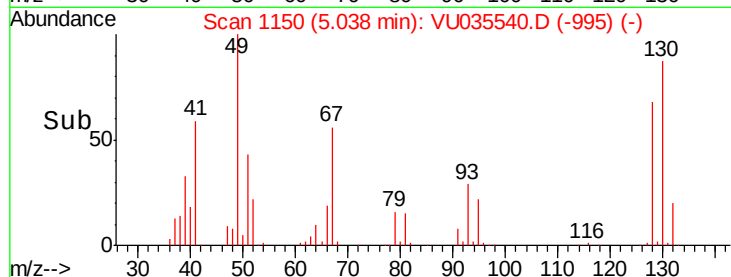
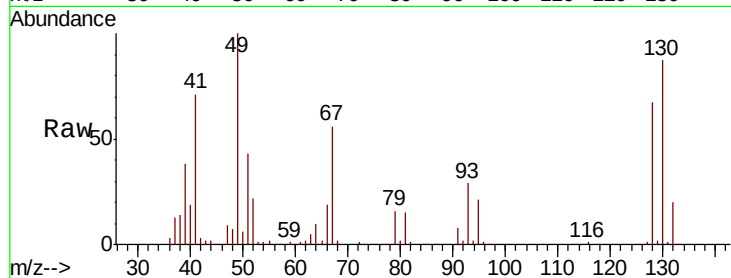




#39
Methacrylonitrile
Concen: 17.617 ug/l
RT: 5.04 min Scan# 1150
Delta R.T. -0.00 min
Lab File: VU035540.D
Acq: 29 Oct 2019 14:44

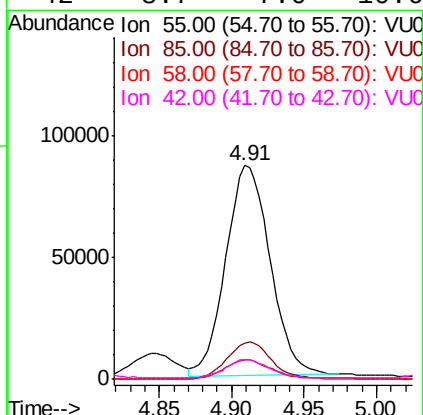
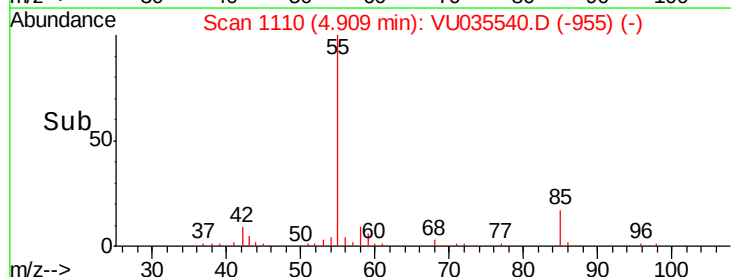
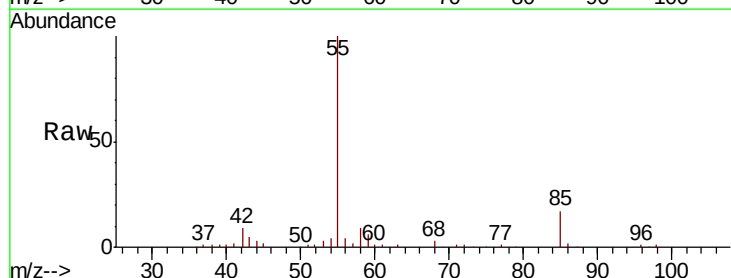
Instrument :
MSVOA_U
ClientSampled :

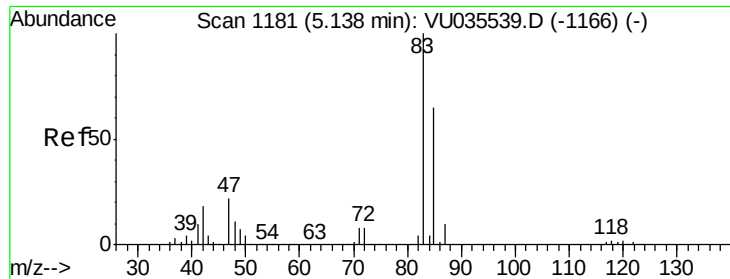
Tot Ion: 41 Resp: 116753
Ion Ratio Lower Upper
41 100
67 77.3 61.5 92.3
39 52.8 41.3 61.9
52 30.2 24.4 36.6



#40
Methyl acrylate
Concen: 18.209 ug/l
RT: 4.91 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VU035540.D
Acq: 29 Oct 2019 14:44

Tgt Ion: 55 Resp: 184141
Ion Ratio Lower Upper
55 100
85 17.4 13.5 20.3
58 9.6 6.6 10.0
42 8.7 7.0 10.6





#41

Tetrahydrofuran

Concen: 34.415 ug/l

RT: 5.13 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

Instrument :

MSVOA_U

ClientSampleId :

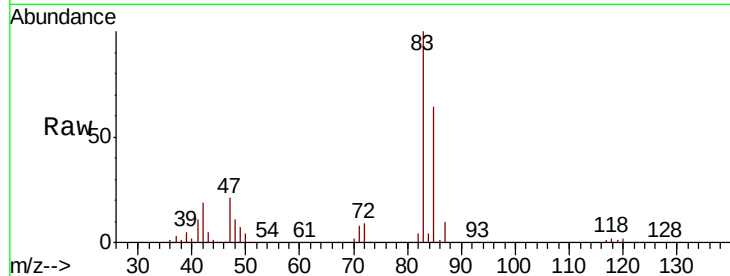
Tot Ion: 42 Resp: 116608

Ion Ratio Lower Upper

42 100

72 49.0 89.9 134.9#

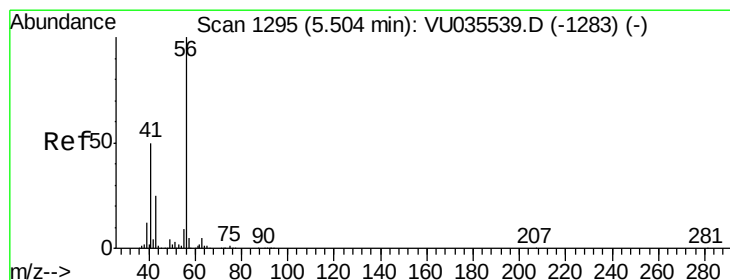
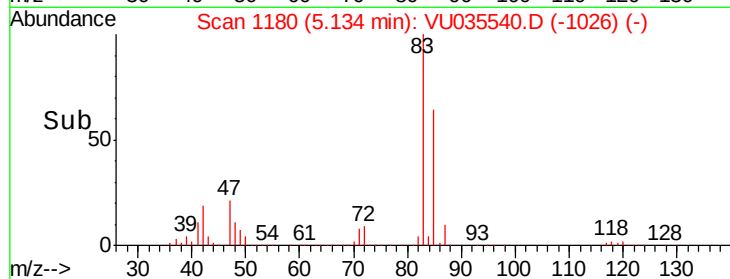
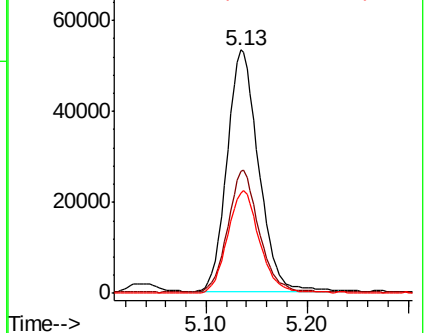
71 42.7 3.7 5.5#



Abundance Ion 42.00 (41.70 to 42.70): VU035539.D (-1166) (-)

Ion 72.00 (71.70 to 72.70): VU035539.D (-1166) (-)

Ion 71.00 (70.70 to 71.70): VU035539.D (-1166) (-)



#42

1-Chlorobutane

Concen: 15.312 ug/l

RT: 5.50 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VU035540.D

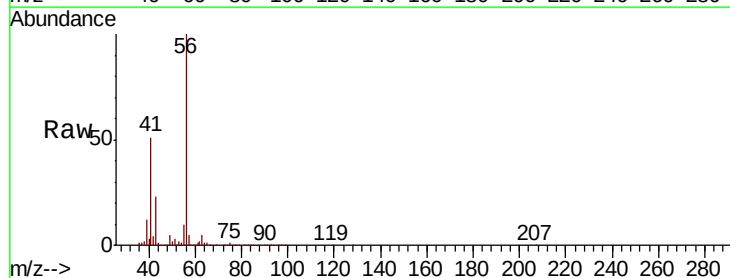
Acq: 29 Oct 2019 14:44

Tgt Ion: 56 Resp: 679254

Ion Ratio Lower Upper

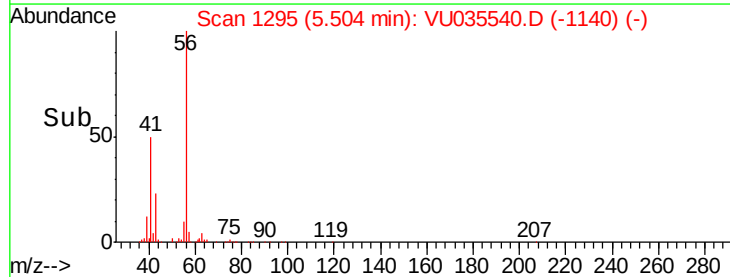
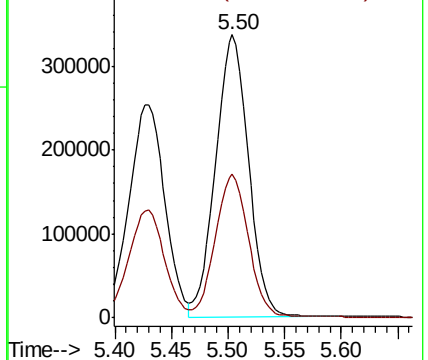
56 100

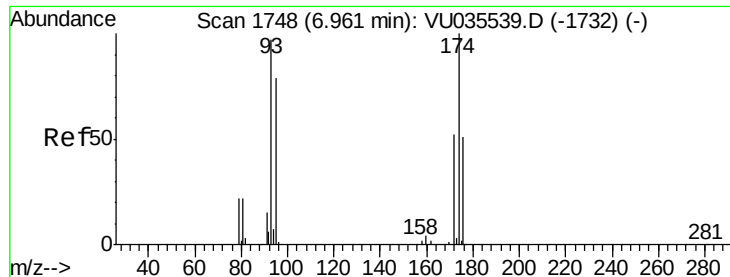
41 51.4 25.5 76.5



Abundance Ion 56.00 (55.70 to 56.70): VU035539.D (-1283) (-)

Ion 41.00 (40.70 to 41.70): VU035539.D (-1283) (-)





#43

Dibromomethane

Concen: 15.452 ug/l

RT: 6.96 min Scan# 1748

Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

Instrument :

MSVOA_U

ClientSampled :

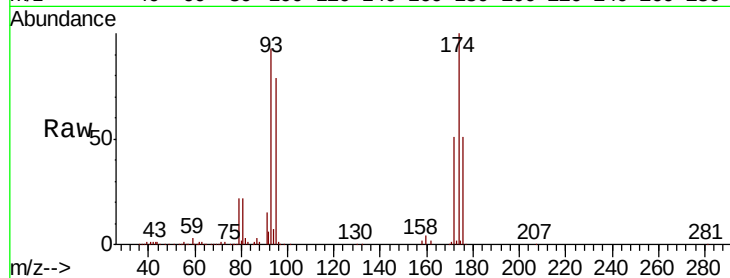
Tot Ion: 93 Resp: 193230

Ion Ratio Lower Upper

93 100

95 81.8 65.1 97.7

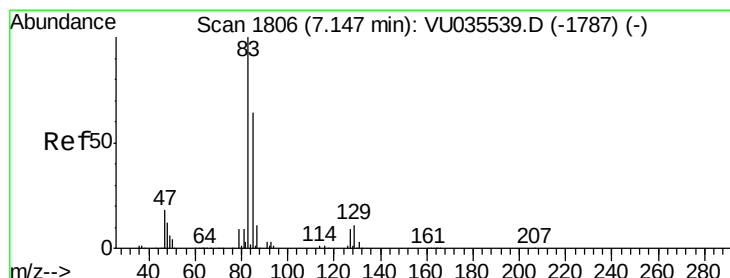
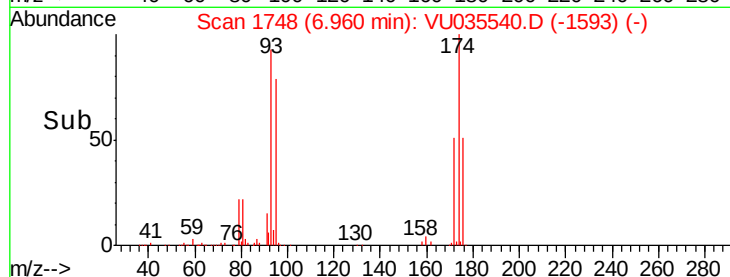
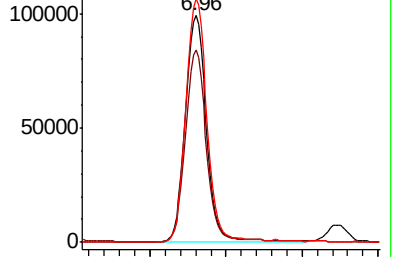
174 106.5 84.2 126.4



Abundance Ion 93.00 (92.70 to 93.70): VU035540.D (-1593) (-)

Ion 95.00 (94.70 to 95.70): VU035540.D (-1593) (-)

Ion 174.00 (173.70 to 174.70): VU035540.D (-1593) (-)



#44

Bromodichloromethane

Concen: 14.957 ug/l

RT: 7.15 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

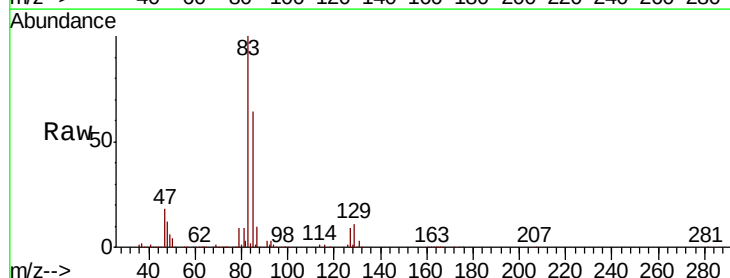
Tgt Ion: 83 Resp: 474971

Ion Ratio Lower Upper

83 100

85 63.6 51.6 77.4

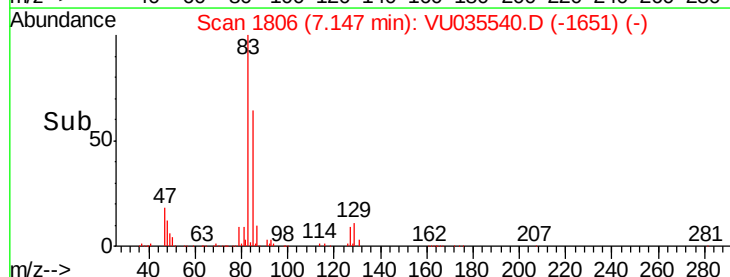
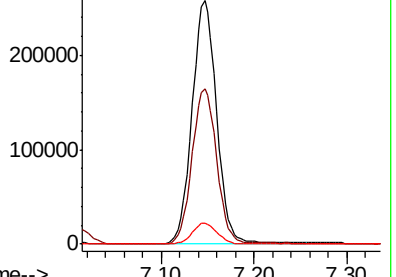
127 8.8 7.0 10.4

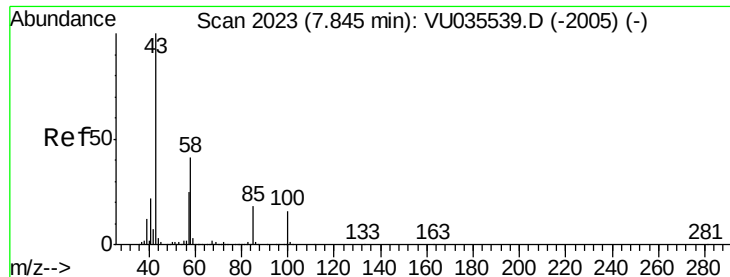


Abundance Ion 83.00 (82.70 to 83.70): VU035540.D (-1651) (-)

Ion 85.00 (84.70 to 85.70): VU035540.D (-1651) (-)

Ion 127.00 (126.70 to 127.70): VU035540.D (-1651) (-)



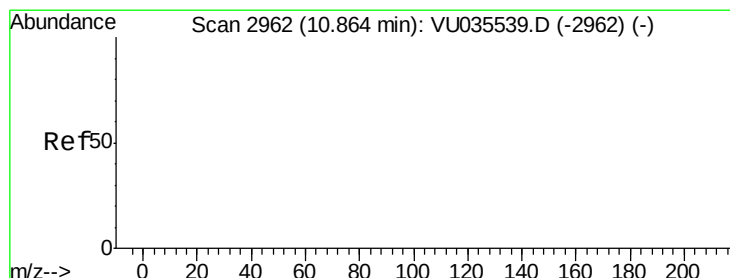
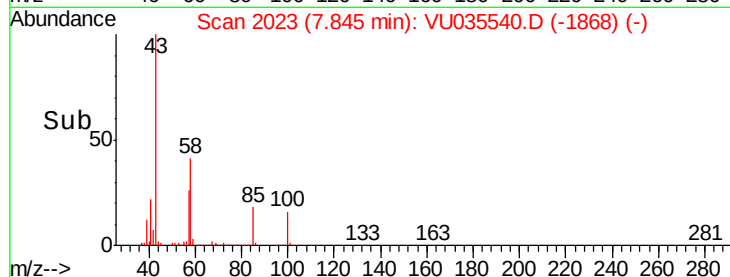
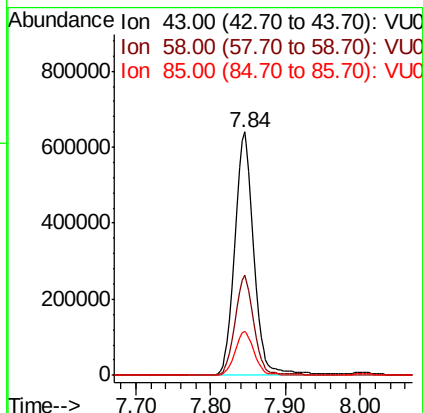
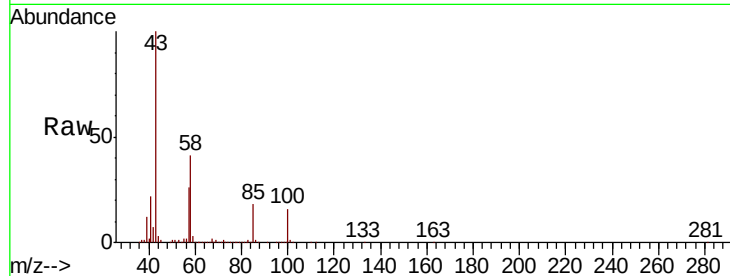


#45
 4-Methyl-2-Pentanone
 Concen: 89.228 ug/l
 RT: 7.84 min Scan# 2023
 Delta R.T. -0.00 min
 Lab File: VU035540.D
 Acq: 29 Oct 2019 14:44

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 43 Resp: 1139042

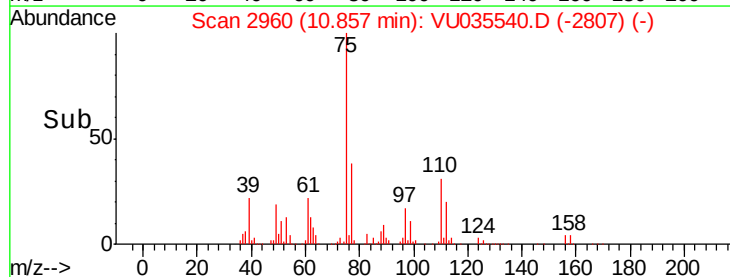
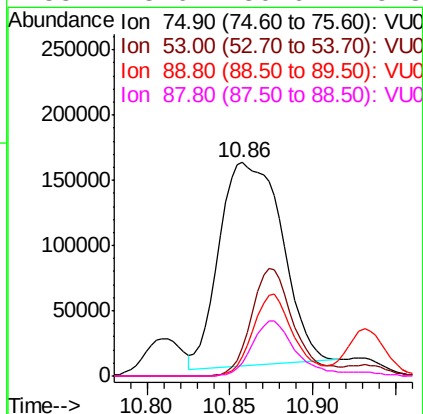
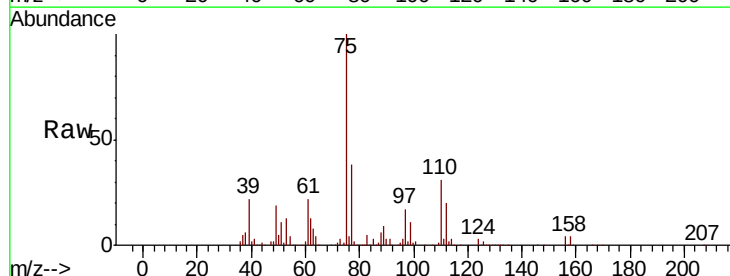
Ion	Ratio	Lower	Upper
43	100		
58	41.1	20.6	61.8
85	18.1	14.5	21.7

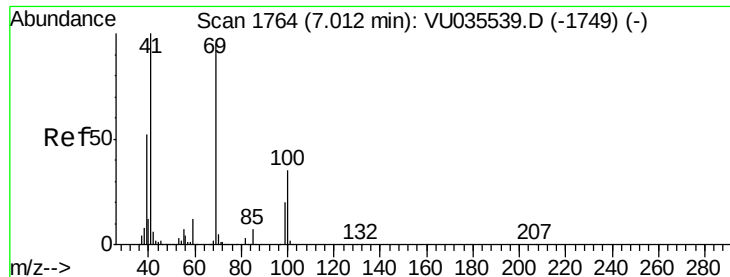


#46
 t-1,4-Dichloro-2-butene
 Concen: 77.639 ug/l
 RT: 10.86 min Scan# 2960
 Delta R.T. -0.01 min
 Lab File: VU035540.D
 Acq: 29 Oct 2019 14:44

Tgt Ion: 75 Resp: 412537

Ion	Ratio	Lower	Upper
75	100		
53	35.7	54.1	81.1#
89	26.3	38.2	57.4#
88	18.6	30.6	45.8#

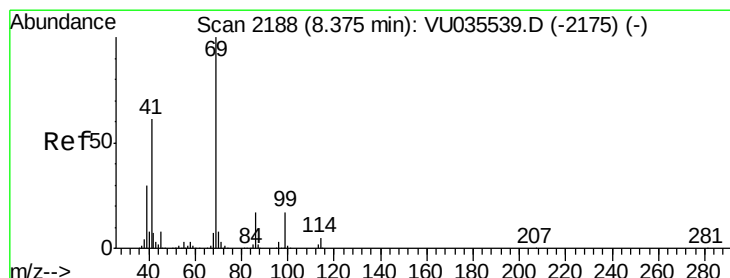
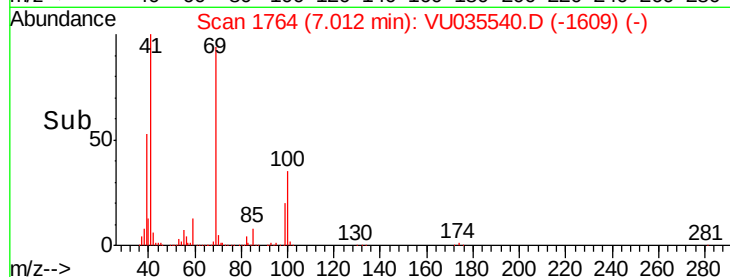
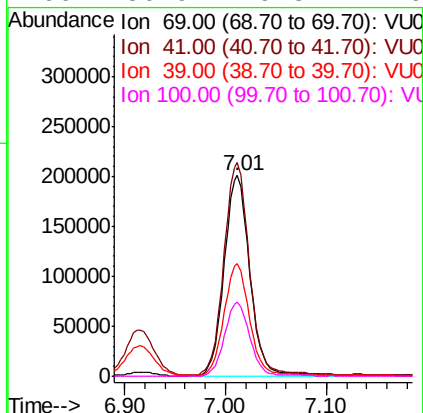
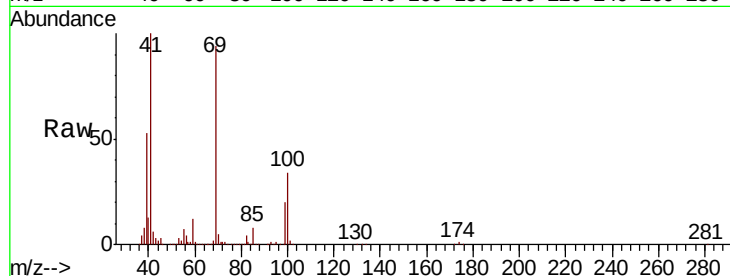




#47
Methyl methacrylate
Concen: 35.876 ug/l
RT: 7.01 min Scan# 1764
Delta R.T. -0.00 min
Lab File: VU035540.D
Acq: 29 Oct 2019 14:44

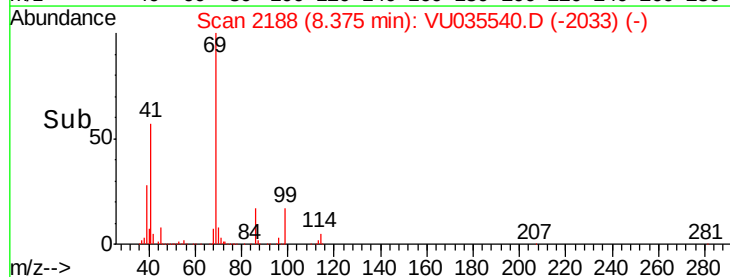
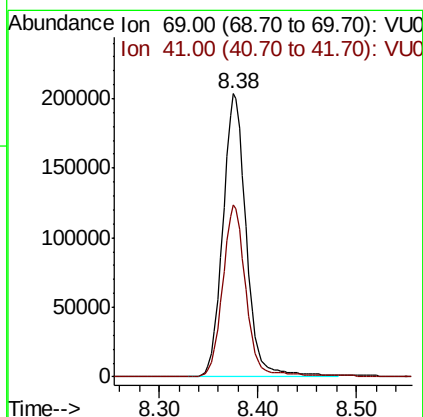
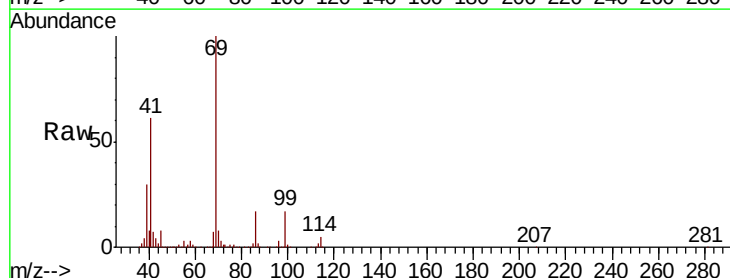
Instrument :
MSVOA_U
ClientSampleId :

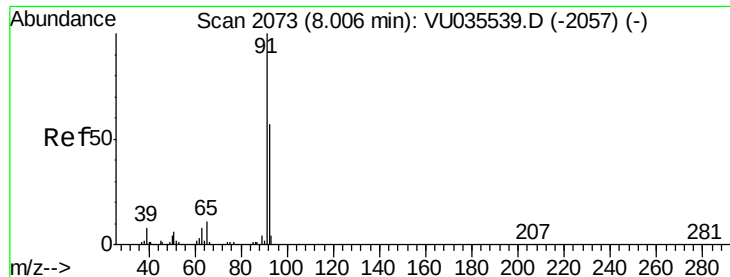
Tot Ion: 69 Resp: 358162
Ion Ratio Lower Upper
69 100
41 104.2 0.0 216.8
39 55.0 45.1 67.7
100 36.9 29.8 44.6



#48
Ethyl methacrylate
Concen: 18.863 ug/l
RT: 8.38 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VU035540.D
Acq: 29 Oct 2019 14:44

Tgt Ion: 69 Resp: 339876
Ion Ratio Lower Upper
69 100
41 60.4 30.4 91.2





#49

Toluene

Concen: 15.665 ug/l

RT: 8.01 min Scan# 2073

Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

Instrument :

MSVOA_U

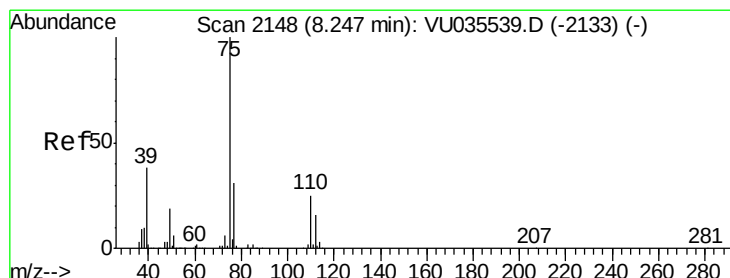
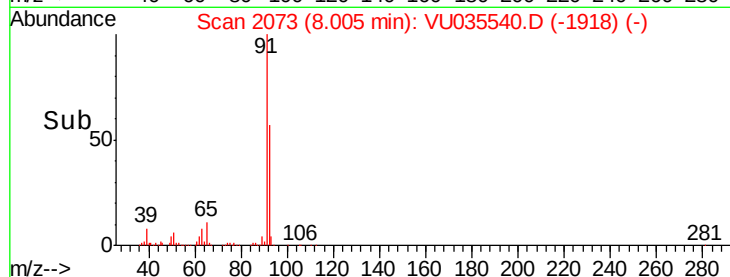
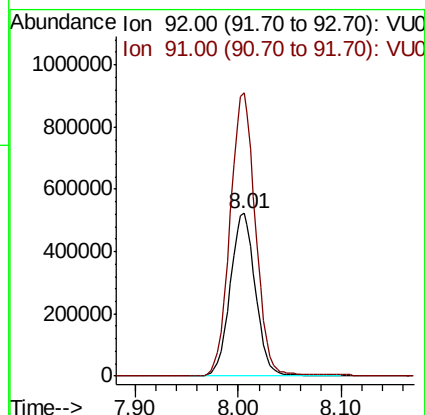
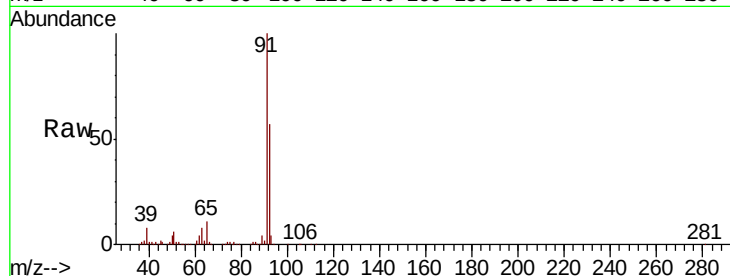
ClientSampleId :

Tot Ion: 92 Resp: 895970

Ion Ratio Lower Upper

92 100

91 176.0 141.4 212.0



#50

t-1,3-Dichloropropene

Concen: 17.432 ug/l

RT: 8.25 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VU035540.D

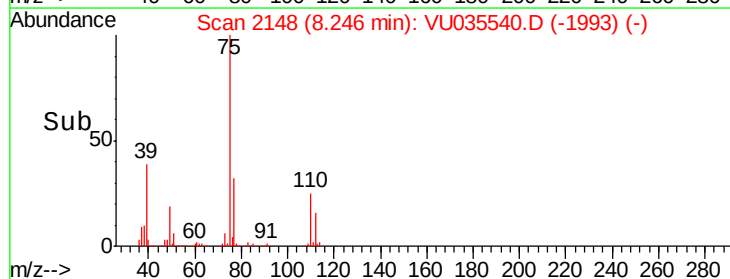
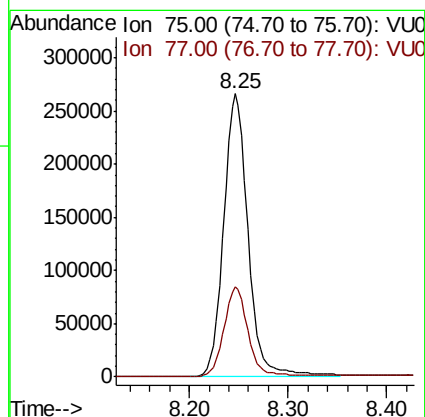
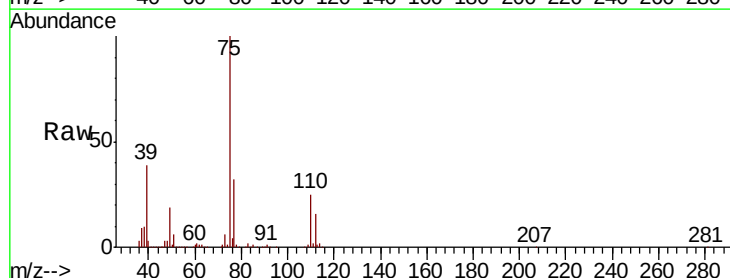
Acq: 29 Oct 2019 14:44

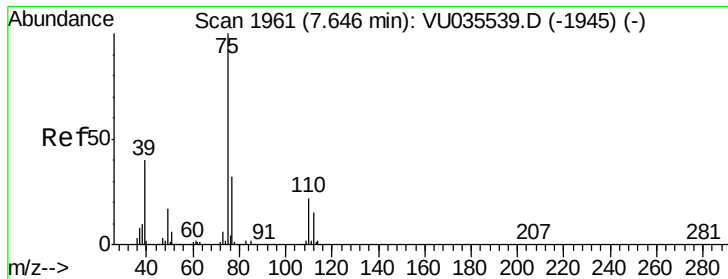
Tgt Ion: 75 Resp: 465129

Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8



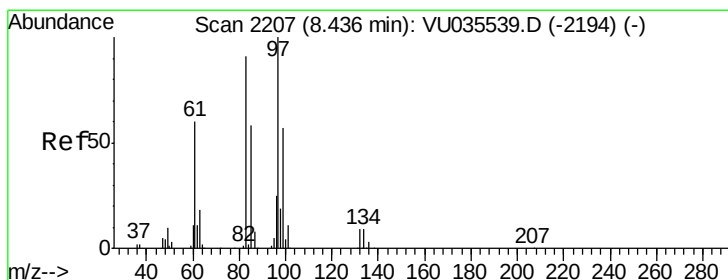
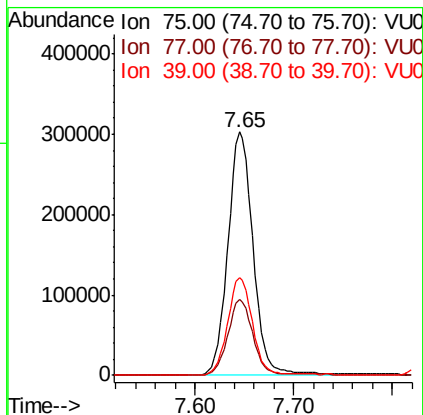
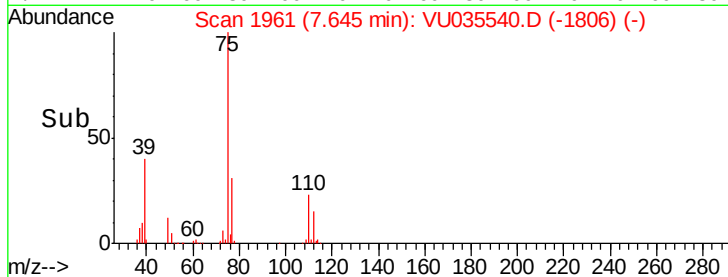
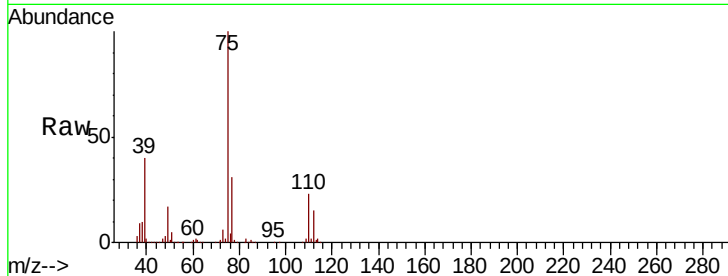


#51

cis-1,3-Dichloropropene
Concen: 16.445 ug/l
RT: 7.65 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VU035540.D
Acq: 29 Oct 2019 14:44

Instrument :
MSVOA_U
ClientSampleId :

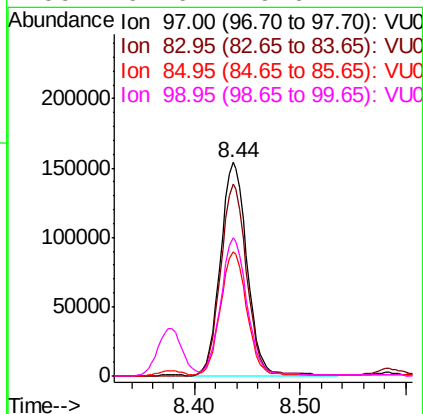
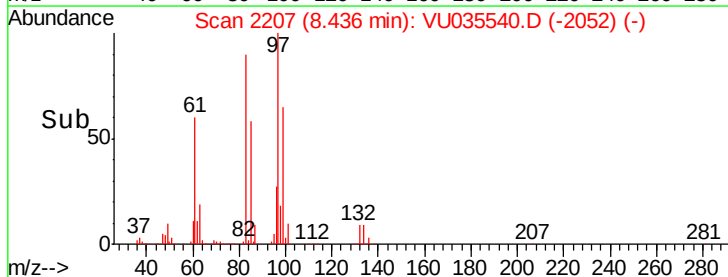
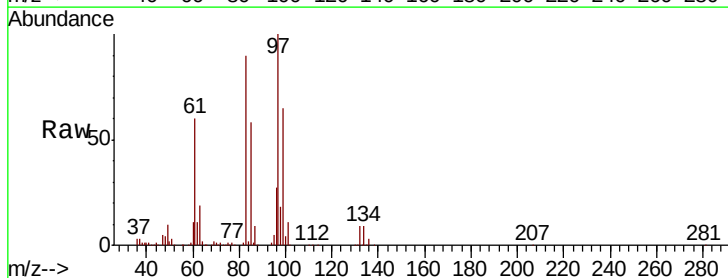
Tot Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.2	37.8
39	40.3	32.1	48.1

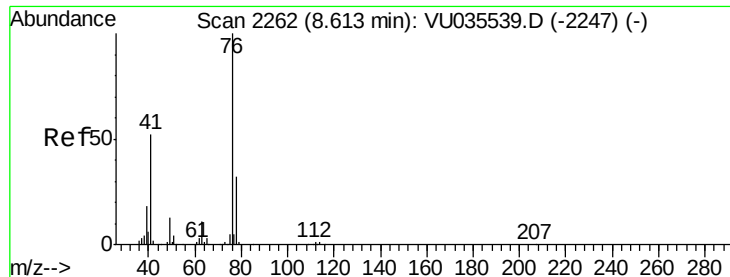


#52

1,1,2-Trichloroethane
Concen: 15.511 ug/l
RT: 8.44 min Scan# 2207
Delta R.T. -0.00 min
Lab File: VU035540.D
Acq: 29 Oct 2019 14:44

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.8	72.6	108.8
85	57.9	46.4	69.6
99	64.6	49.6	74.4





#53

1,3-Dichloropropane

Concen: 16.098 ug/l

RT: 8.61 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

Instrument :

MSVOA_U

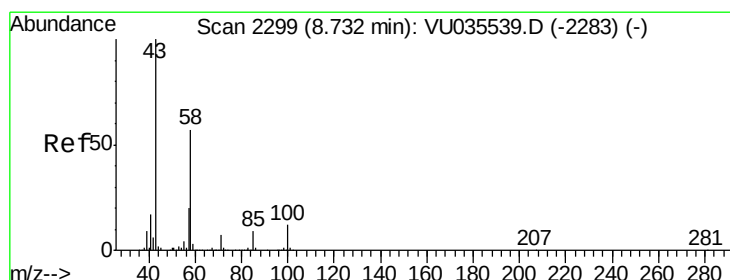
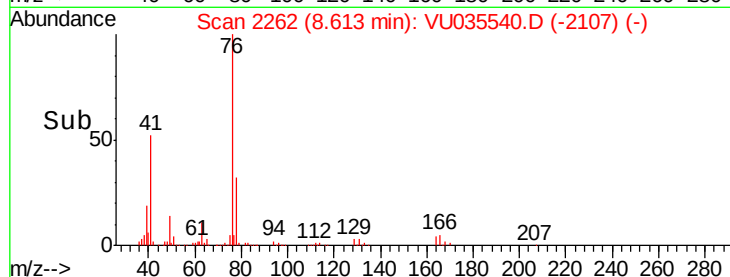
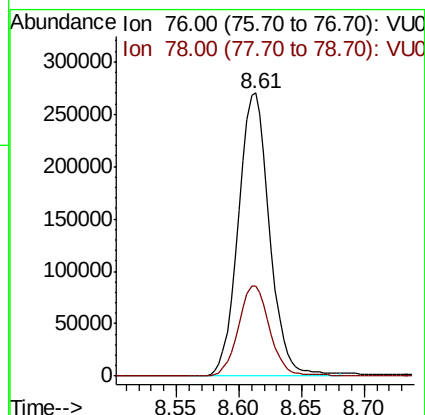
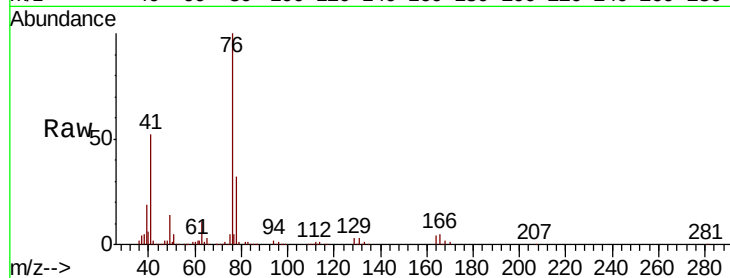
ClientSampleId :

Tot Ion: 76 Resp: 467786

Ion Ratio Lower Upper

76 100

78 32.2 25.6 38.4



#54

2-Hexanone

Concen: 97.054 ug/l

RT: 8.73 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

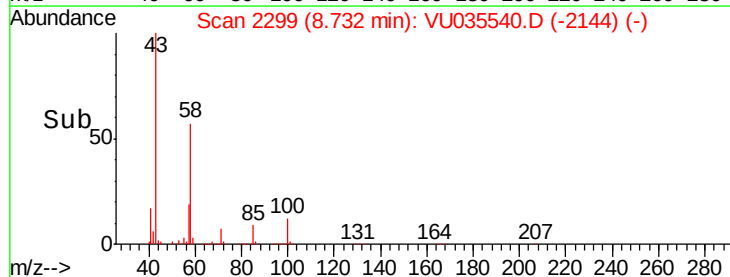
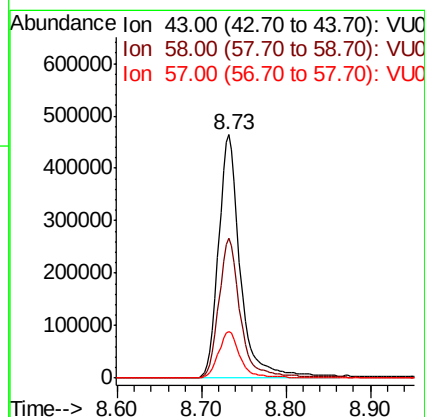
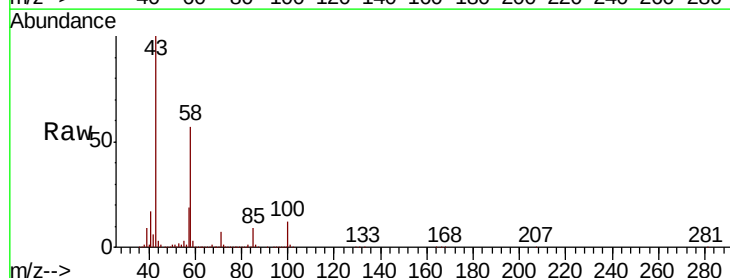
Tgt Ion: 43 Resp: 835555

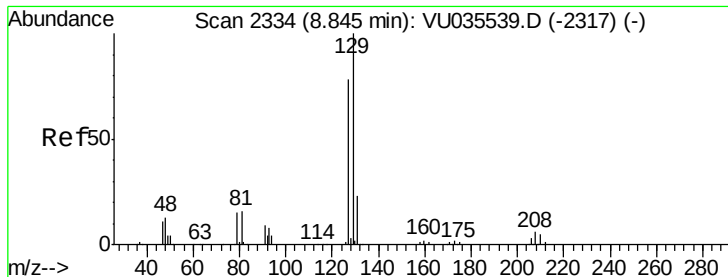
Ion Ratio Lower Upper

43 100

58 57.7 37.2 77.2

57 19.5 0.0 39.1





#55

Dibromochloromethane

Concen: 16.077 ug/l

RT: 8.84 min Scan# 2334

Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

Instrument :

MSVOA_U

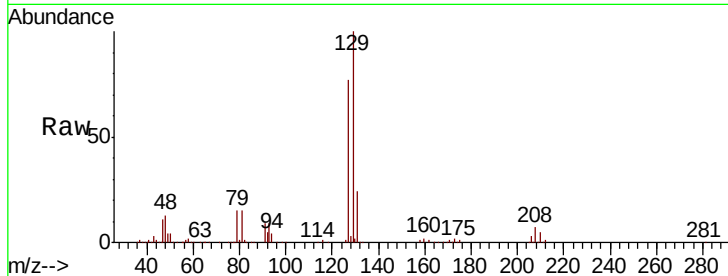
ClientSampleId :

Tot Ion:129 Resp: 338870

Ion Ratio Lower Upper

129 100

127 77.4 62.3 93.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

8.84

200000

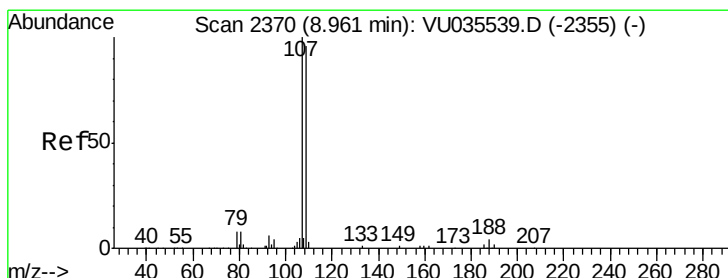
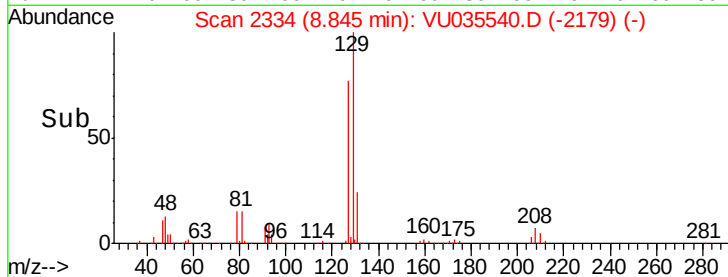
150000

100000

50000

0

Time-->



#56

1,2-Dibromoethane

Concen: 16.366 ug/l

RT: 8.96 min Scan# 2369

Delta R.T. -0.00 min

Lab File: VU035540.D

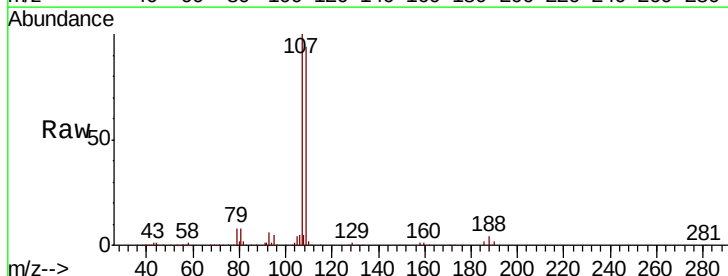
Acq: 29 Oct 2019 14:44

Tgt Ion:107 Resp: 261980

Ion Ratio Lower Upper

107 100

109 94.7 0.0 191.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

8.96

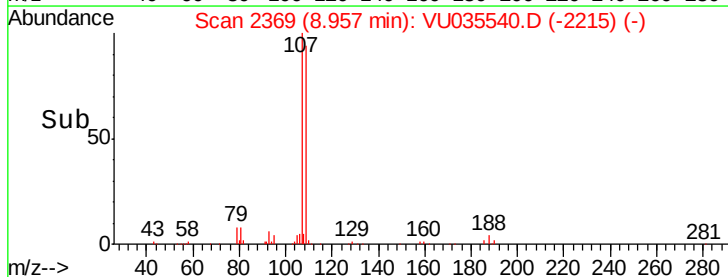
150000

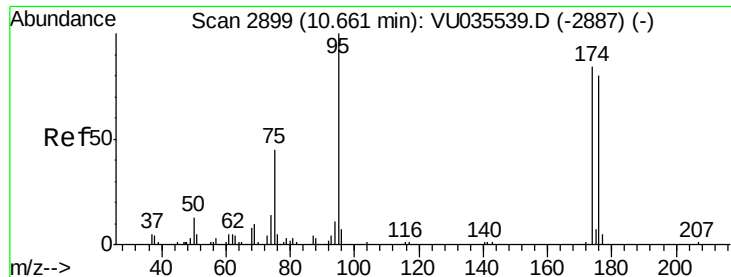
100000

50000

0

Time-->

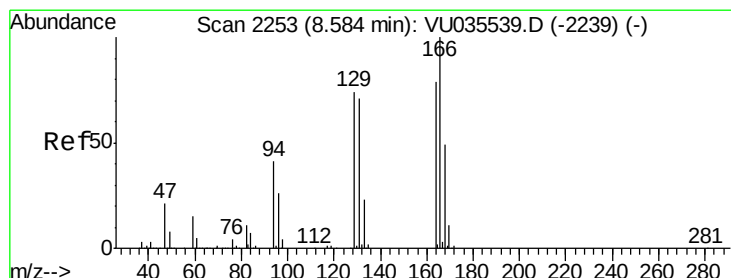
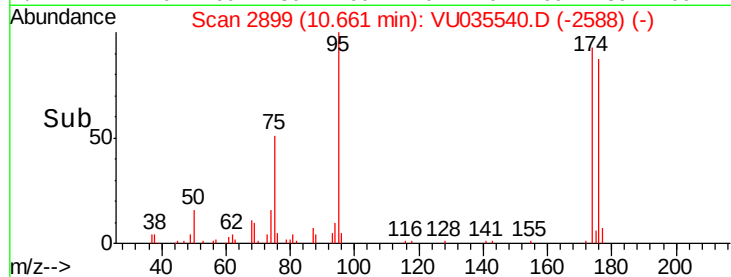
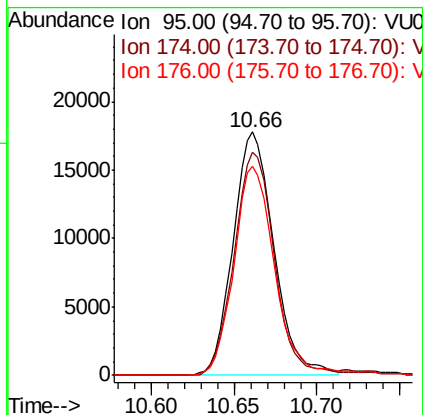
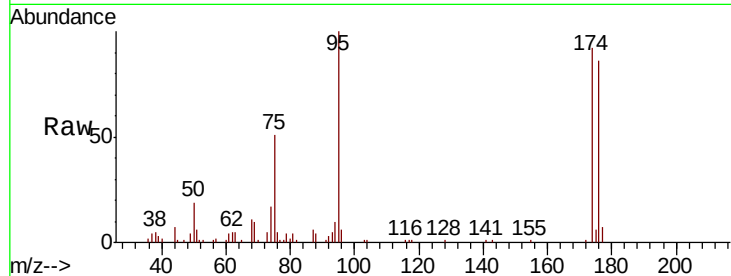




#57
4-Bromofluorobenzene
Concen: 0.961 ug/l
RT: 10.66 min Scan# 2899
Delta R.T. -0.00 min
Lab File: VU035540.D
Acq: 29 Oct 2019 14:44

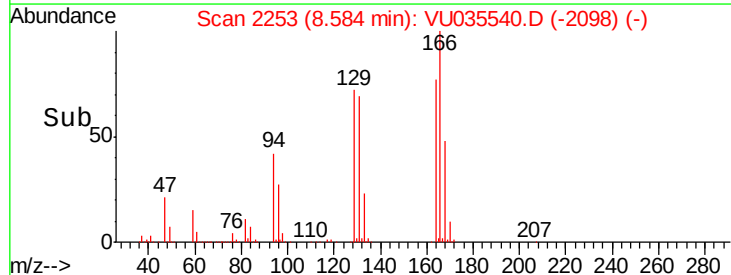
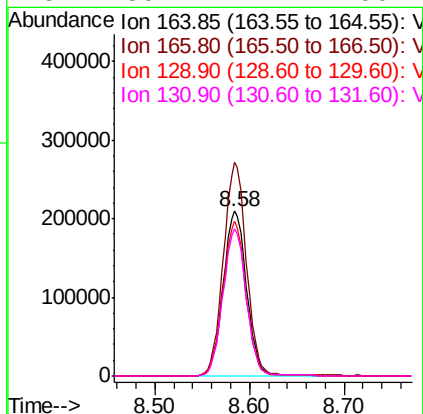
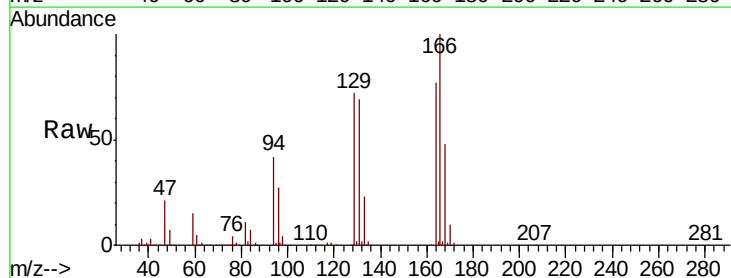
Instrument :
MSVOA_U
ClientSampleId :

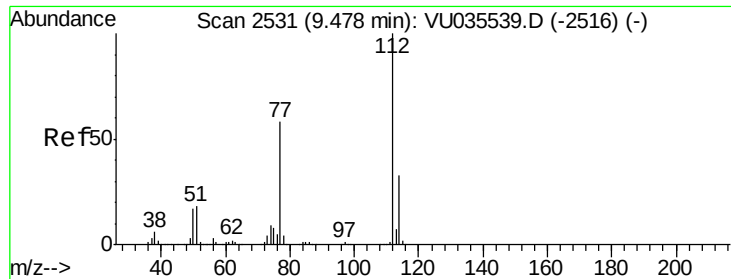
Tot Ion: 95 Resp: 30430
Ion Ratio Lower Upper
95 100
174 90.7 70.2 105.4
176 86.0 67.7 101.5



#58
Tetrachloroethene
Concen: 13.965 ug/l
RT: 8.58 min Scan# 2253
Delta R.T. -0.00 min
Lab File: VU035540.D
Acq: 29 Oct 2019 14:44

Tgt Ion: 164 Resp: 362226
Ion Ratio Lower Upper
164 100
166 129.5 100.6 151.0
129 93.7 74.1 111.1
131 89.4 71.1 106.7

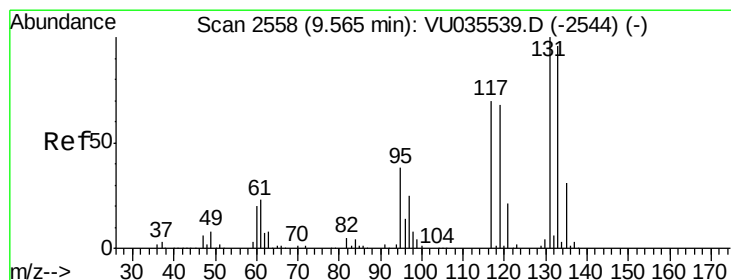
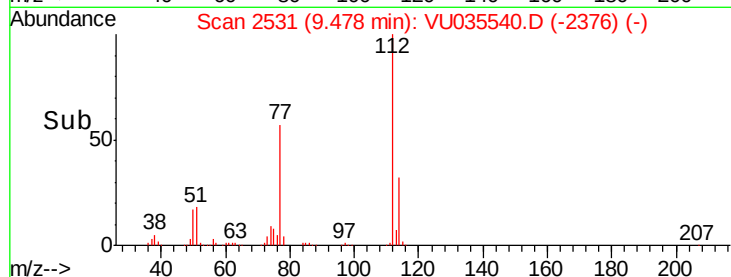
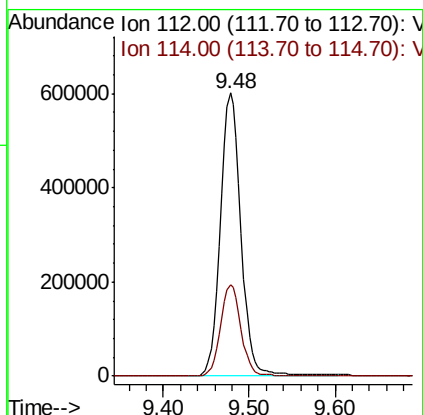
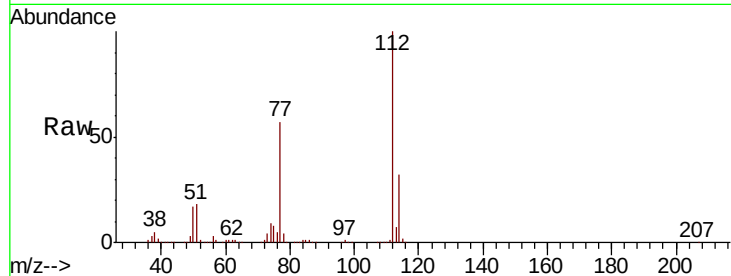




#59
Chlorobenzene
Concen: 15.635 ug/l
RT: 9.48 min Scan# 2531
Delta R.T. -0.00 min
Lab File: VU035540.D
Acq: 29 Oct 2019 14:44

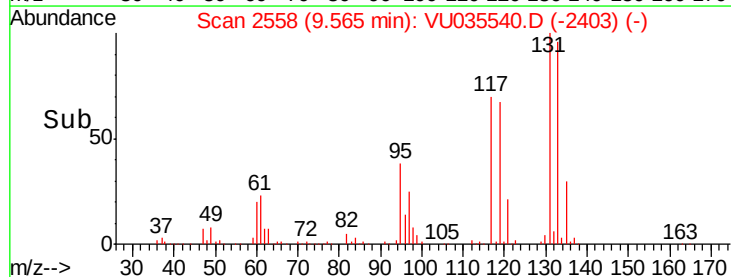
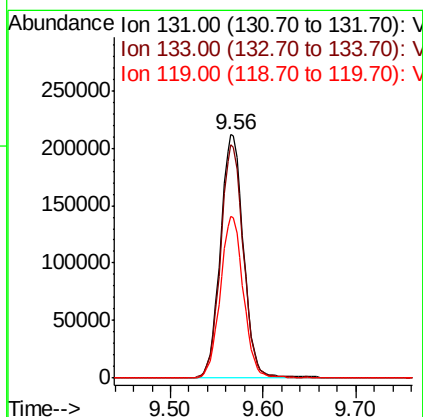
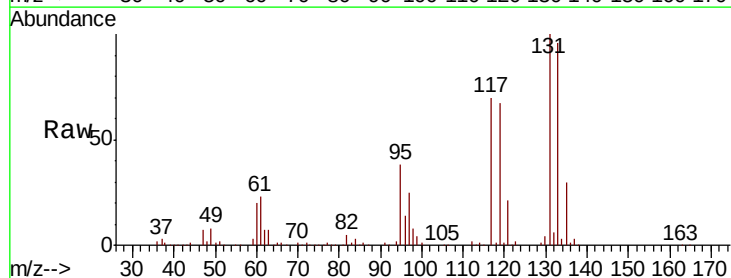
Instrument :
MSVOA_U
ClientSampled :

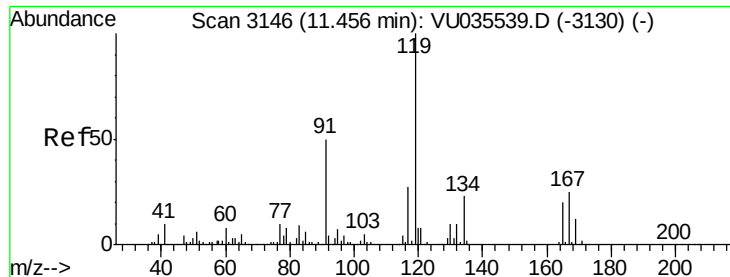
Tot Ion:112 Resp: 1003640
Ion Ratio Lower Upper
112 100
114 32.1 26.5 39.7



#60
1,1,1,2-Tetrachloroethane
Concen: 15.341 ug/l
RT: 9.56 min Scan# 2558
Delta R.T. -0.00 min
Lab File: VU035540.D
Acq: 29 Oct 2019 14:44

Tgt Ion:131 Resp: 365947
Ion Ratio Lower Upper
131 100
133 94.5 76.9 115.3
119 66.2 53.6 80.4





#61

Pentachloroethane

Concen: 15.094 ug/l

RT: 11.46 min Scan# 3146

Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

Instrument :

MSVOA_U

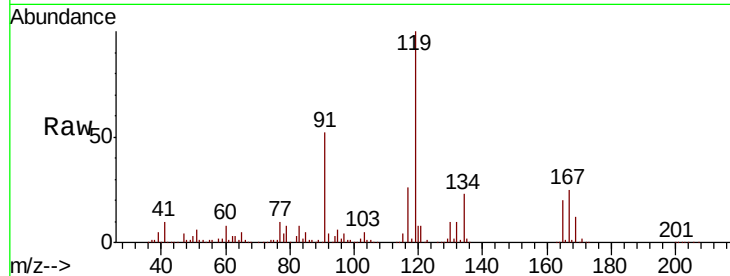
ClientSampleId :

Tot Ion:117 Resp: 292753

Ion Ratio Lower Upper

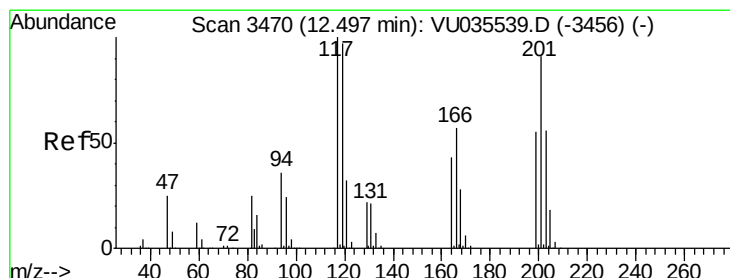
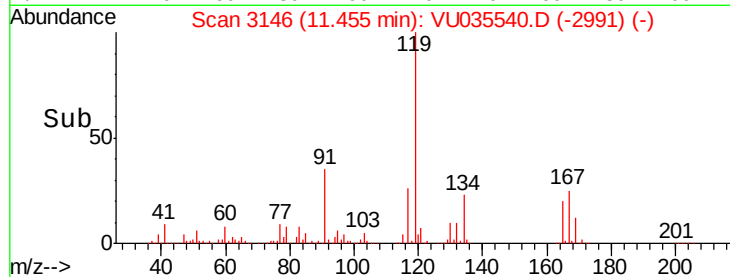
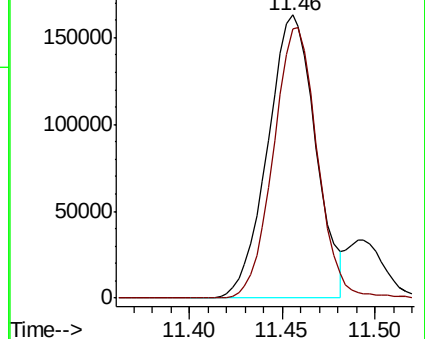
117 100

167 88.0 69.8 104.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 15.811 ug/l

RT: 12.50 min Scan# 3471

Delta R.T. 0.00 min

Lab File: VU035540.D

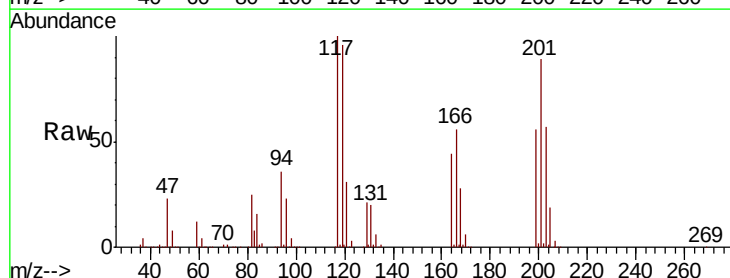
Acq: 29 Oct 2019 14:44

Tgt Ion:117 Resp: 273710

Ion Ratio Lower Upper

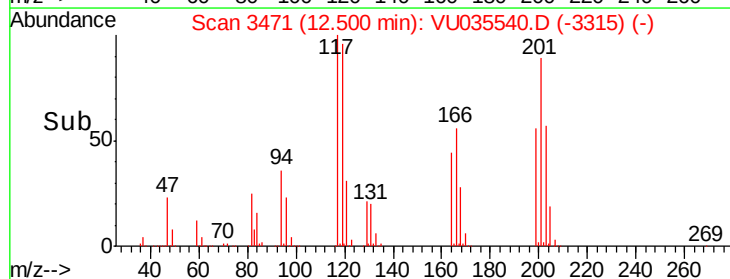
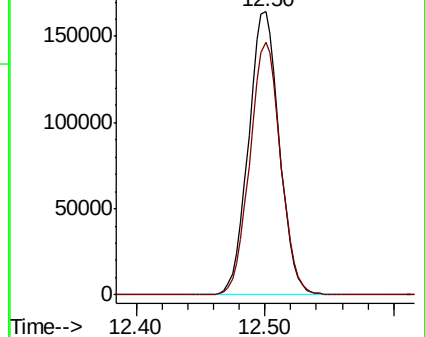
117 100

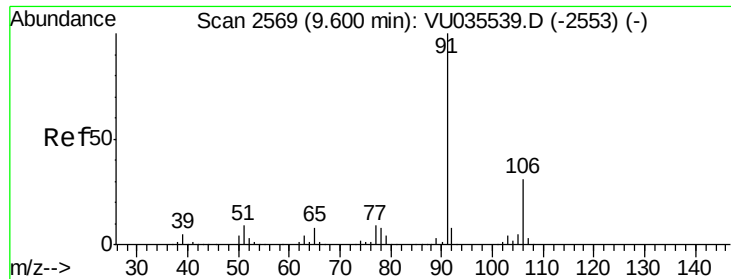
201 89.2 71.8 107.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V





#63

Ethyl Benzene

Concen: 16.730 ug/l

RT: 9.60 min Scan# 2569

Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

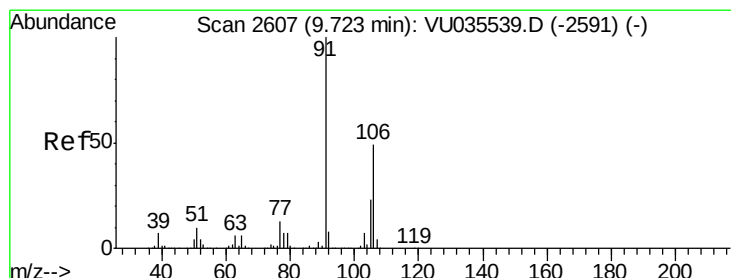
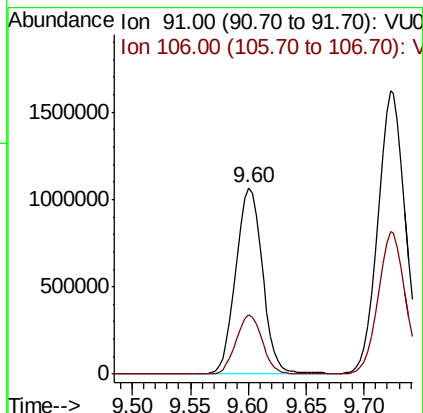
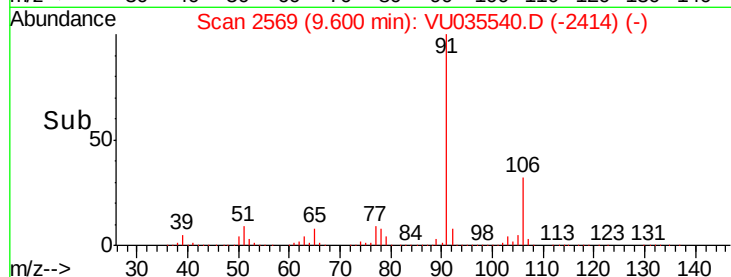
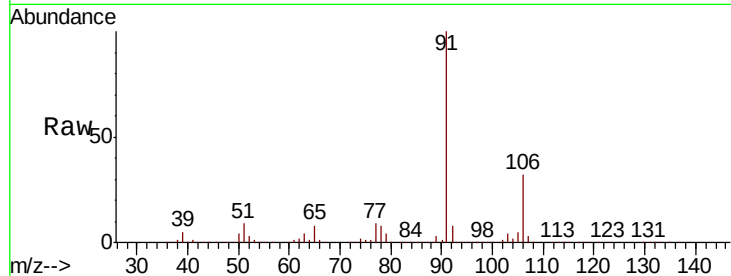
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 91 Resp: 1713112

Ion Ratio Lower Upper

91 100

106 31.7 25.2 37.8



#64

m/p-Xylenes

Concen: 32.809 ug/l

RT: 9.72 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VU035540.D

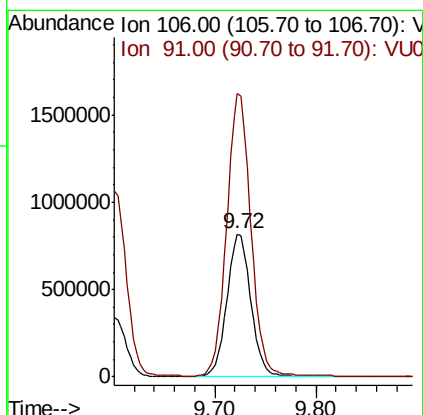
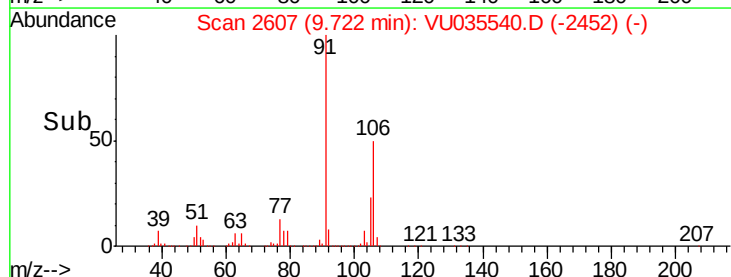
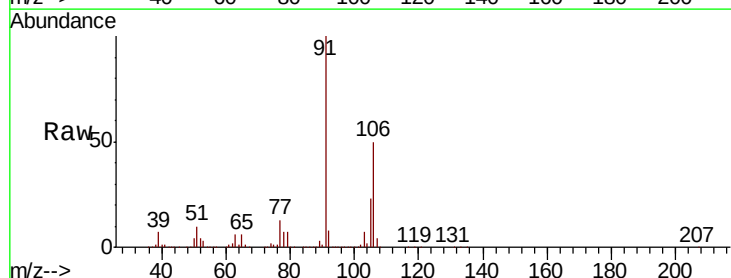
Acq: 29 Oct 2019 14:44

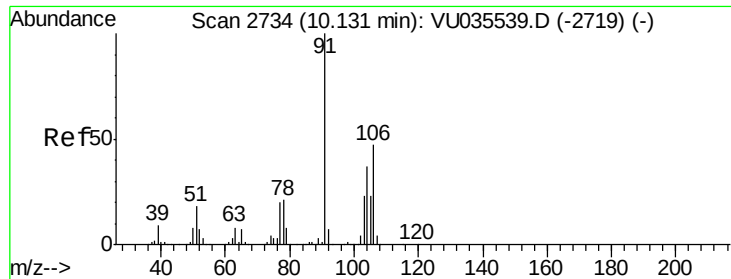
Tgt Ion: 106 Resp: 1355798

Ion Ratio Lower Upper

106 100

91 203.4 81.0 121.4#

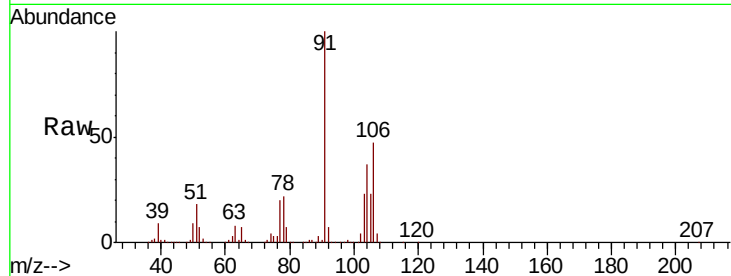




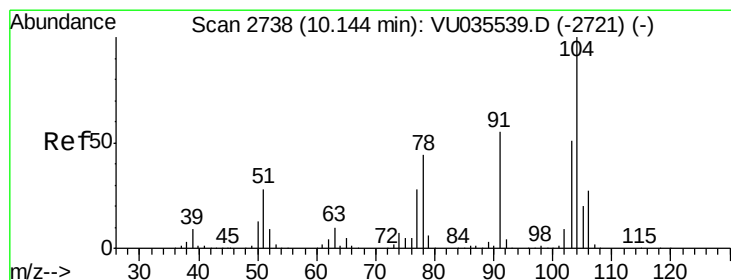
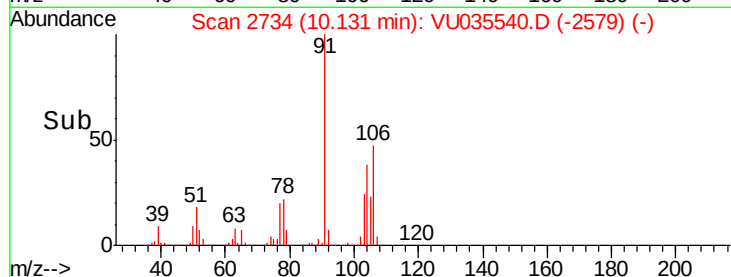
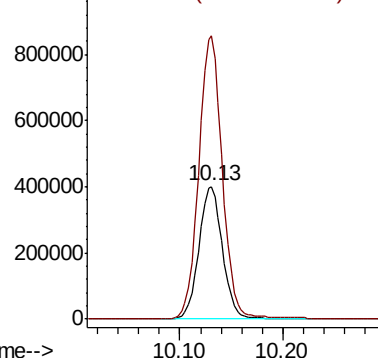
#65
o-Xylene
Concen: 16.274 ug/l
RT: 10.13 min Scan# 2734
Delta R.T. -0.00 min
Lab File: VU035540.D
Acq: 29 Oct 2019 14:44

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:106 Resp: 641056
Ion Ratio Lower Upper
106 100
91 213.6 107.1 321.1

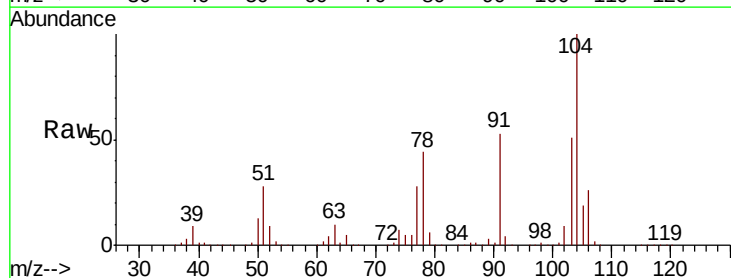


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

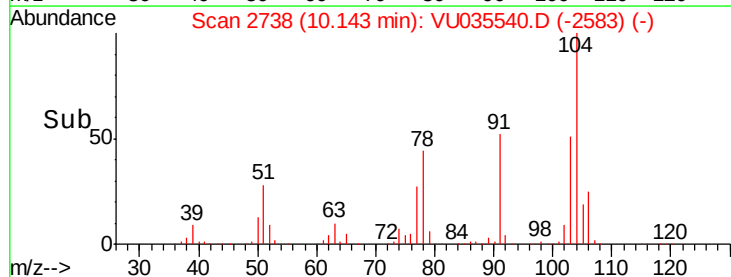
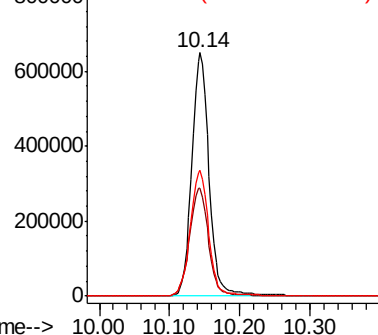


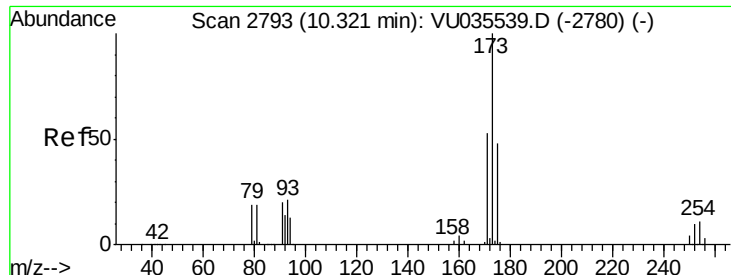
#66
Styrene
Concen: 16.800 ug/l
RT: 10.14 min Scan# 2738
Delta R.T. -0.00 min
Lab File: VU035540.D
Acq: 29 Oct 2019 14:44

Tgt Ion:104 Resp: 1109328
Ion Ratio Lower Upper
104 100
78 48.8 38.6 58.0
103 55.5 43.6 65.4



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





#67

Bromoform

Concen: 17.131 ug/l

RT: 10.32 min Scan# 2793

Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

Instrument :

MSVOA_U

ClientSampleId :

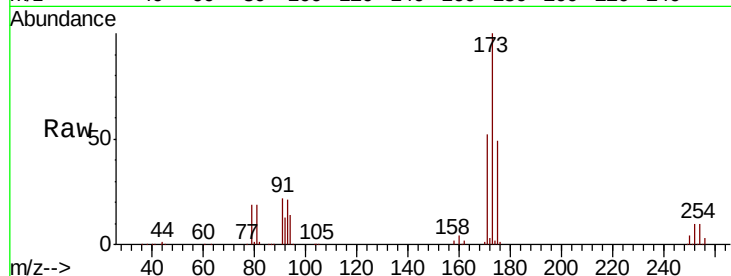
Tot Ion:173 Resp: 215169

Ion Ratio Lower Upper

173 100

175 48.2 38.7 58.1

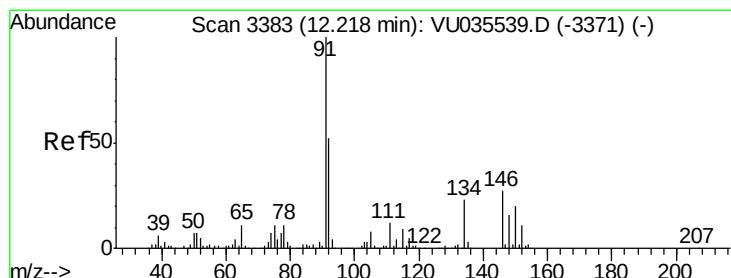
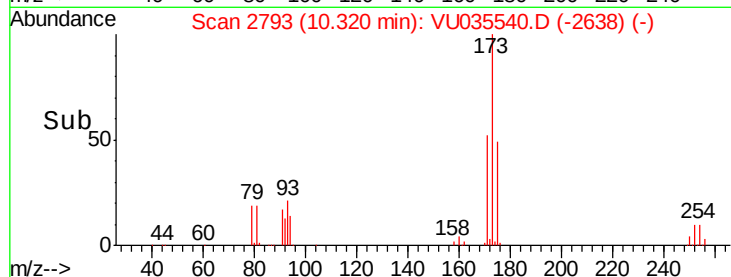
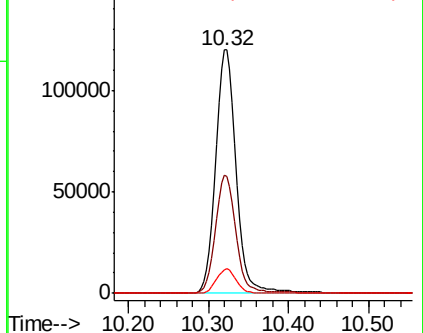
254 10.0 8.2 12.2



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: 12.22 min Scan# 3384

Delta R.T. 0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

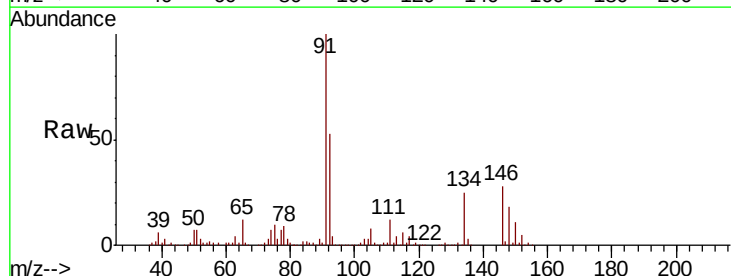
Tgt Ion:152 Resp: 33403

Ion Ratio Lower Upper

152 100

115 149.3 0.0 250.6

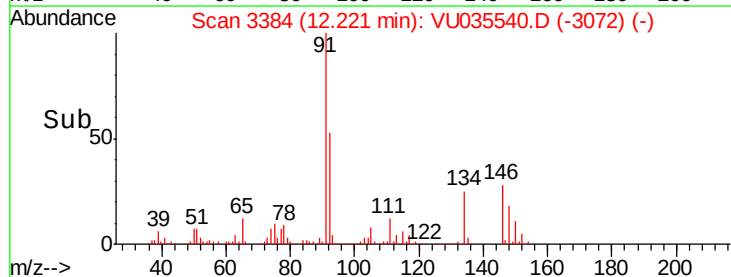
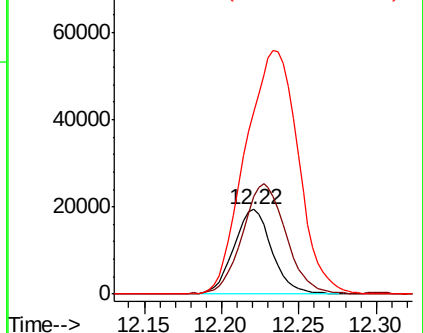
150 397.3 0.0 656.8

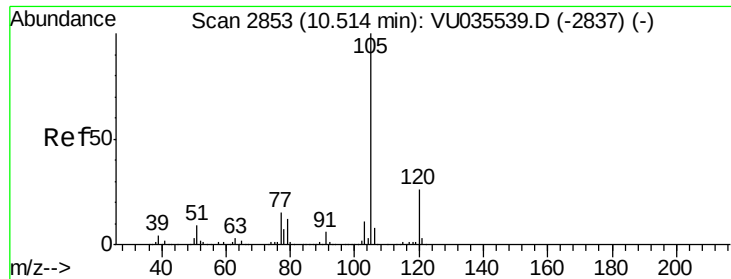


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 16.504 ug/l

RT: 10.51 min Scan# 2853

Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

Instrument :

MSVOA_U

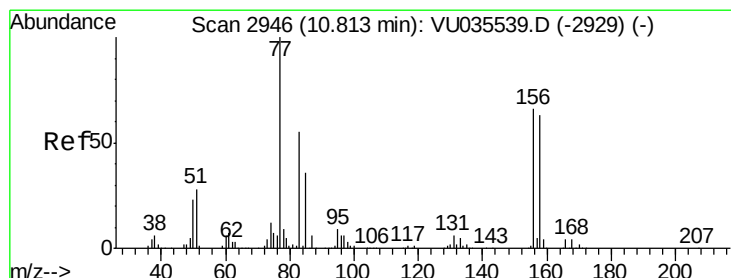
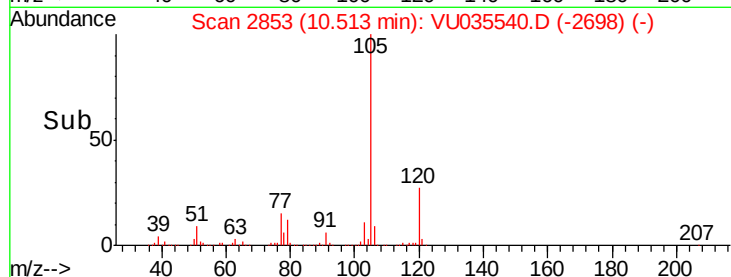
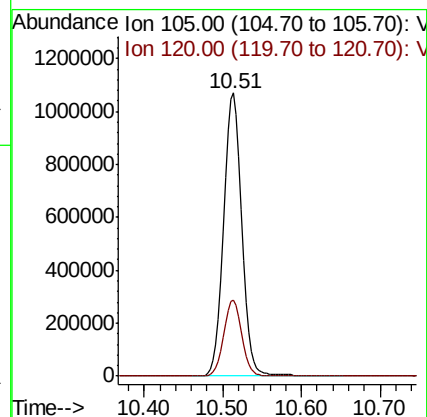
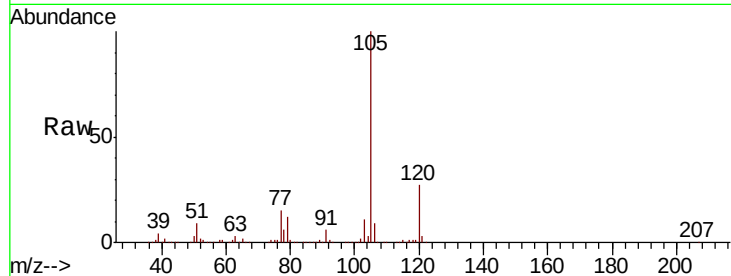
ClientSampleId :

Tot Ion:105 Resp: 1697925

Ion Ratio Lower Upper

105 100

120 26.7 13.2 39.5



#70

1,1,2,2-Tetrachloroethane

Concen: 16.172 ug/l

RT: 10.81 min Scan# 2946

Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

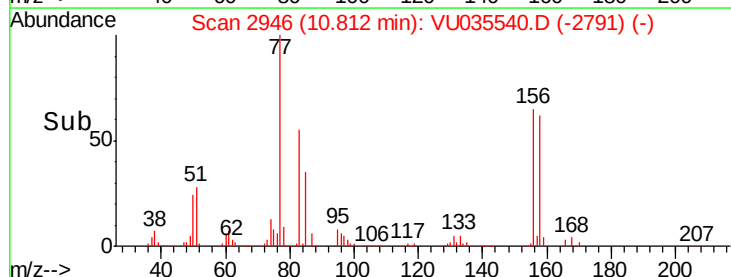
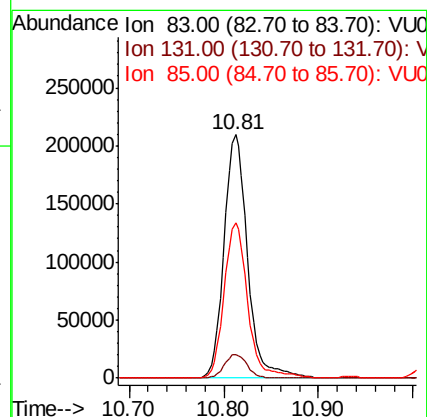
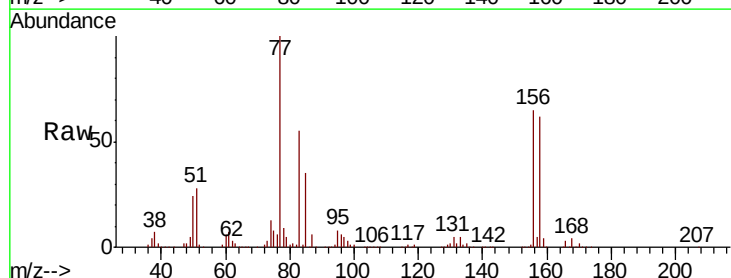
Tgt Ion: 83 Resp: 362420

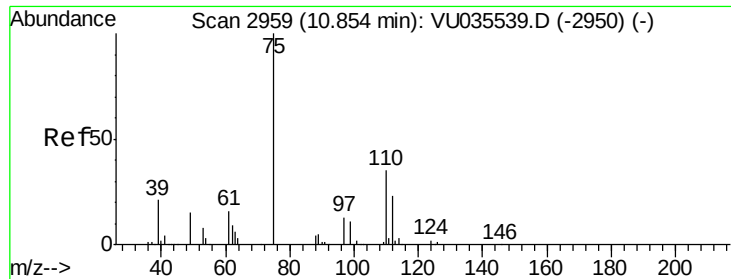
Ion Ratio Lower Upper

83 100

131 9.7 0.0 0.0#

85 64.2 33.5 50.3#

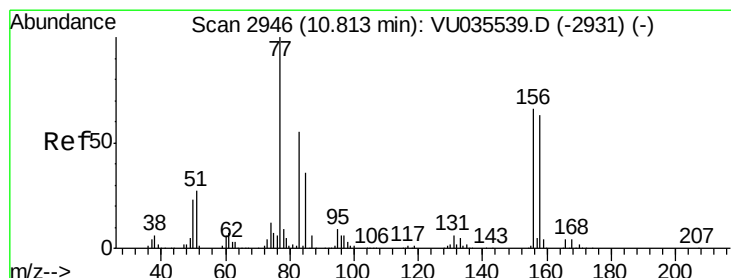
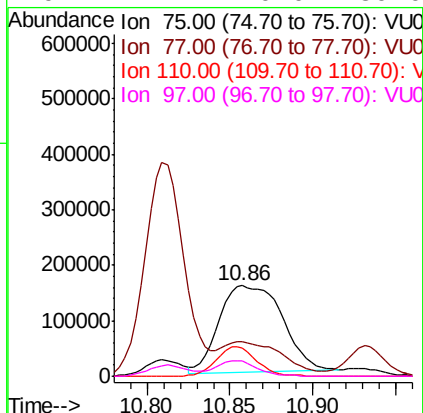
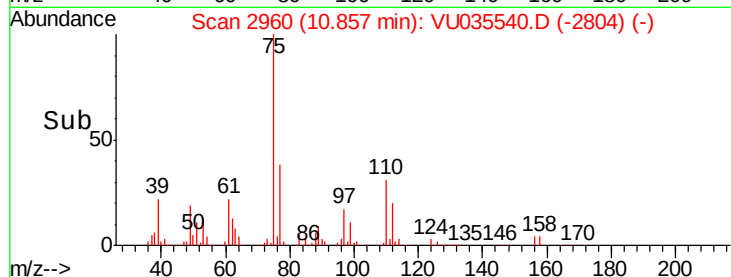
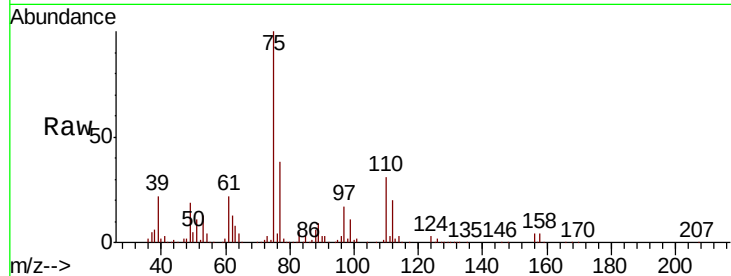




#71
 1,2,3-Trichloropropane
 Concen: 26.391 ug/l
 RT: 10.86 min Scan# 2960
 Delta R.T. 0.00 min
 Lab File: VU035540.D
 Acq: 29 Oct 2019 14:44

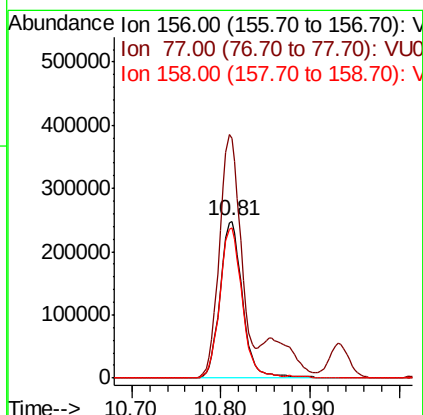
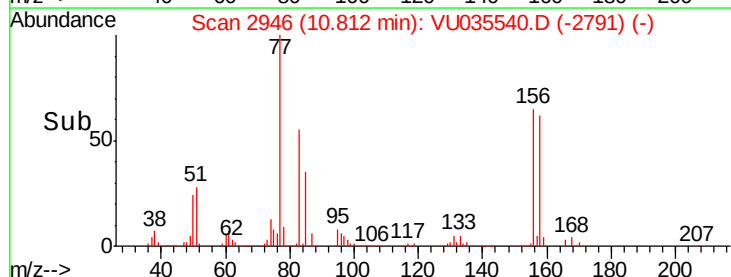
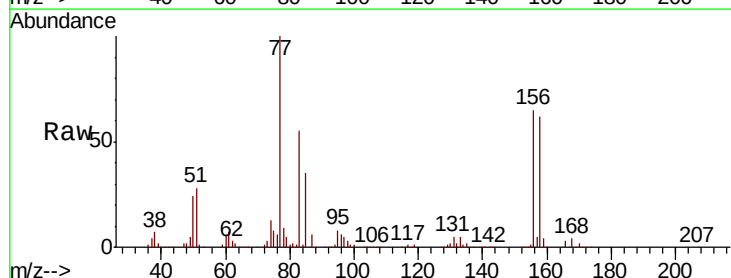
Instrument :
 MSVOA_U
 ClientSampled :

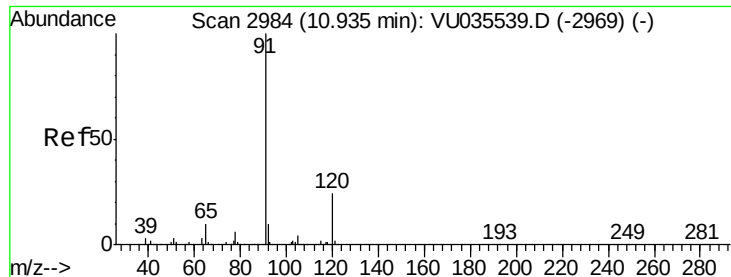
Tot Ion:	75	Resp:	412537
Ion	Ratio	Lower	Upper
75	100		
77	35.3	0.0	68.6
110	21.8	0.0	77.2
97	11.7	0.0	39.0



#72
 Bromobenzene
 Concen: 15.373 ug/l
 RT: 10.81 min Scan# 2946
 Delta R.T. -0.00 min
 Lab File: VU035540.D
 Acq: 29 Oct 2019 14:44

Tgt Ion:	156	Resp:	431242
Ion	Ratio	Lower	Upper
156	100		
77	148.8	0.0	300.4
158	95.4	0.0	194.4





#73

n-propylbenzene

Concen: 16.434 ug/l

RT: 10.93 min Scan# 2984

Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

Instrument :

MSVOA_U

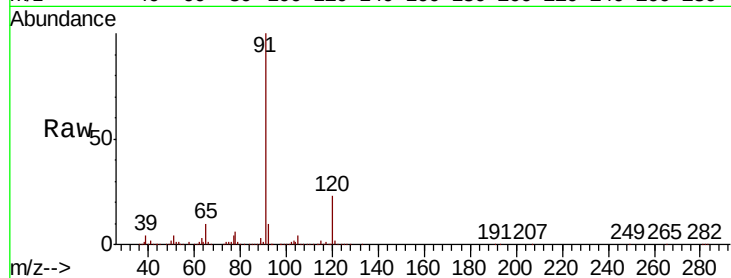
ClientSampleId :

Tot Ion:120 Resp: 487519

Ion Ratio Lower Upper

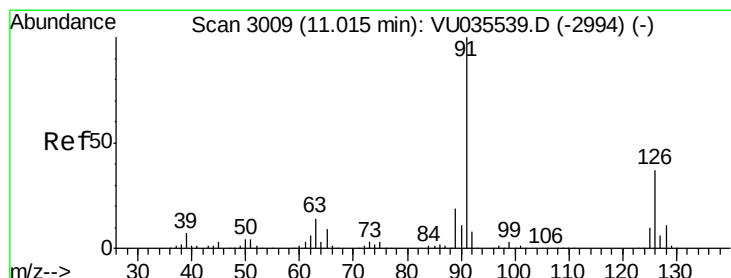
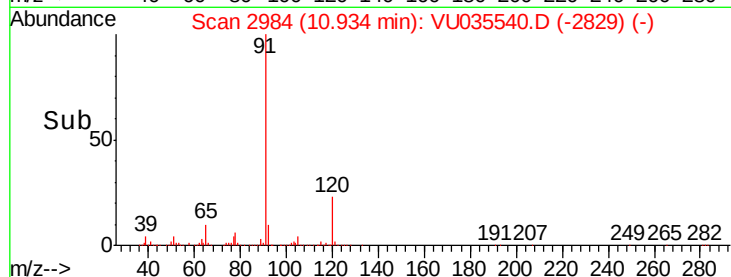
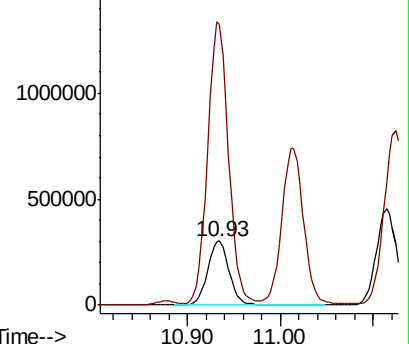
120 100

91 425.0 340.6 510.8



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 15.793 ug/l

RT: 11.01 min Scan# 3009

Delta R.T. -0.00 min

Lab File: VU035540.D

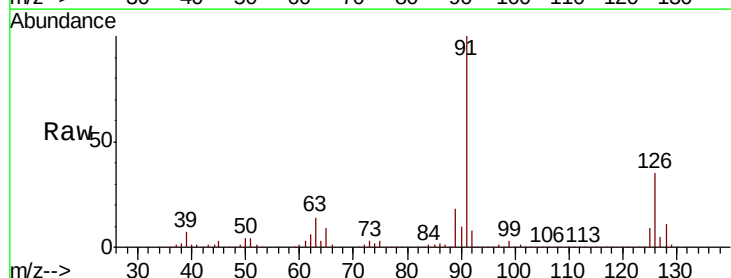
Acq: 29 Oct 2019 14:44

Tgt Ion:126 Resp: 423613

Ion Ratio Lower Upper

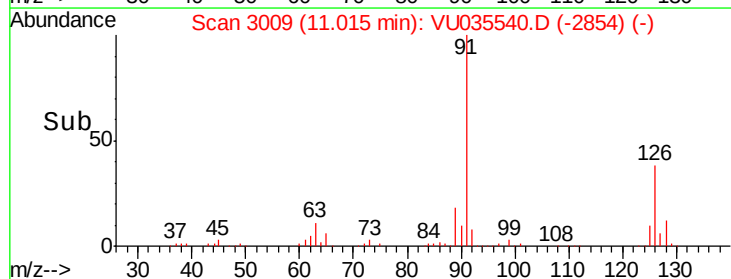
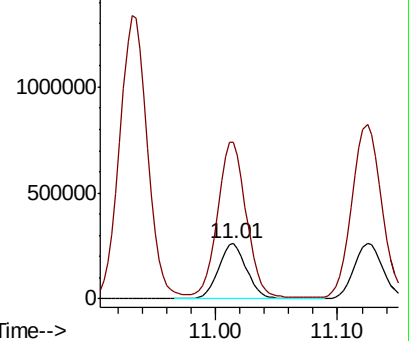
126 100

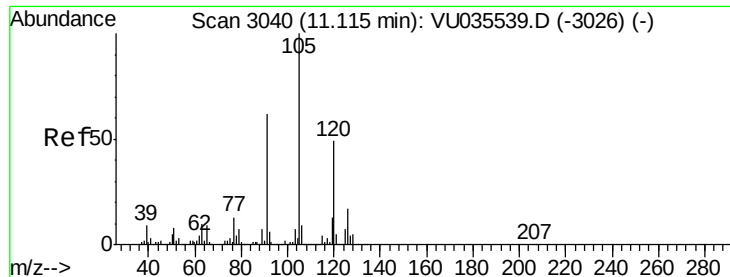
91 286.4 0.0 574.2



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: 15.712 ug/l

RT: 11.11 min Scan# 3040

Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

Instrument :

MSVOA_U

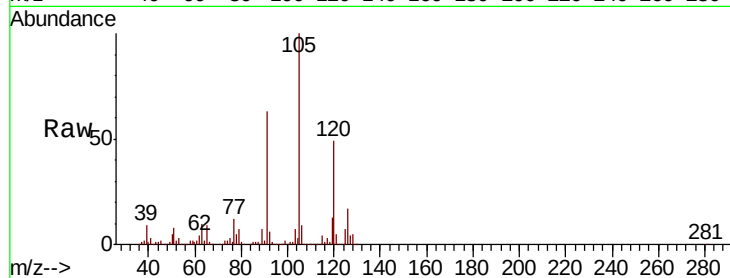
ClientSampled :

Tot Ion:105 Resp: 1433303

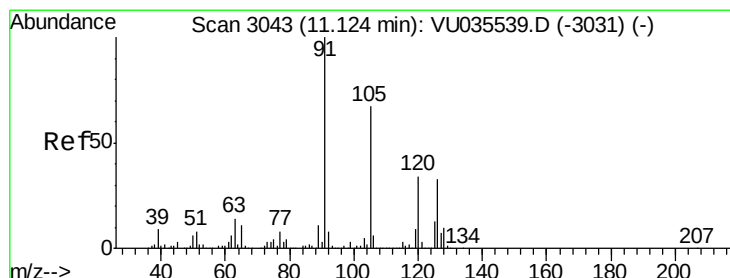
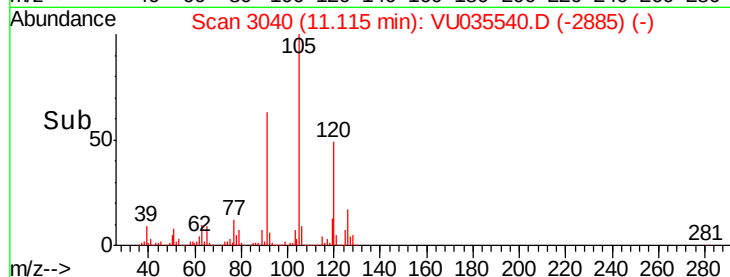
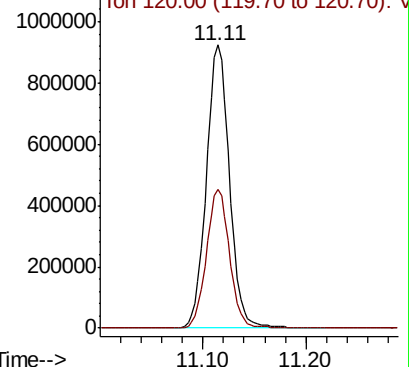
Ion Ratio Lower Upper

105 100

120 49.2 39.4 59.2



Abundance Ion 105.00 (104.70 to 105.70): V



#76

4-Chlorotoluene

Concen: 15.967 ug/l

RT: 11.12 min Scan# 3043

Delta R.T. -0.00 min

Lab File: VU035540.D

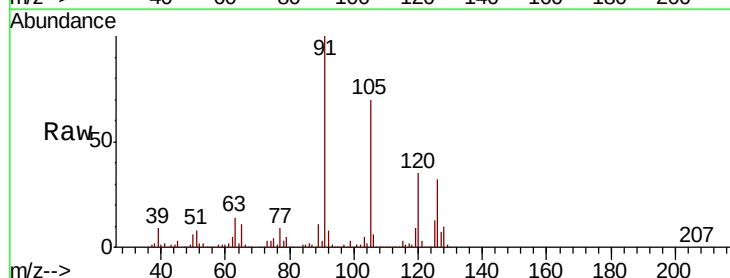
Acq: 29 Oct 2019 14:44

Tgt Ion:126 Resp: 436790

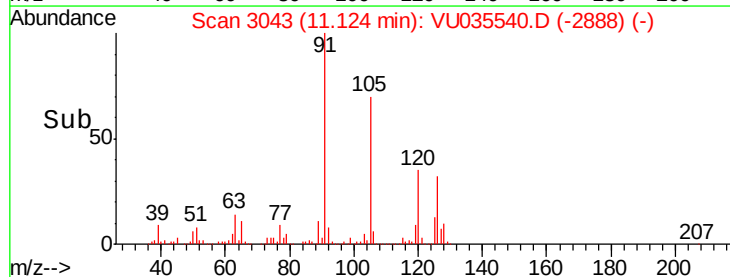
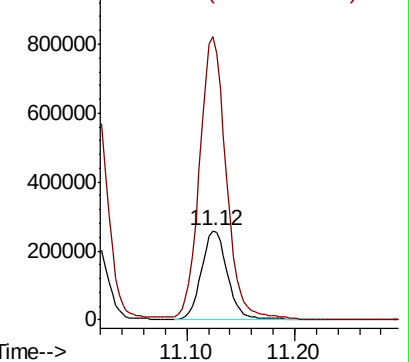
Ion Ratio Lower Upper

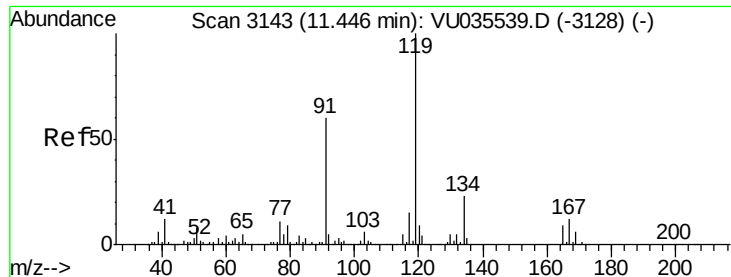
126 100

91 325.3 0.0 637.0



Abundance Ion 126.00 (125.70 to 126.70): V





#77

tert-Butylbenzene

Concen: 15.901 ug/l

RT: 11.45 min Scan# 3143

Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

Instrument :

MSVOA_U

ClientSampled :

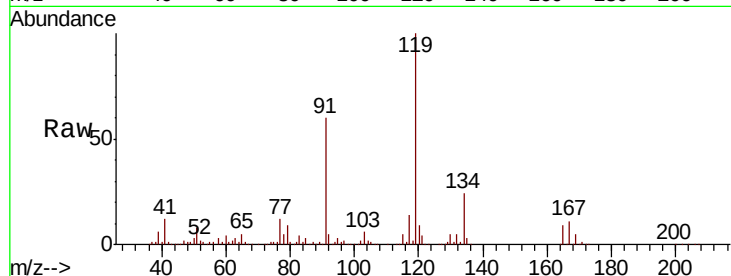
Tot Ion:119 Resp: 1417032

Ion Ratio Lower Upper

119 100

91 56.2 27.9 83.7

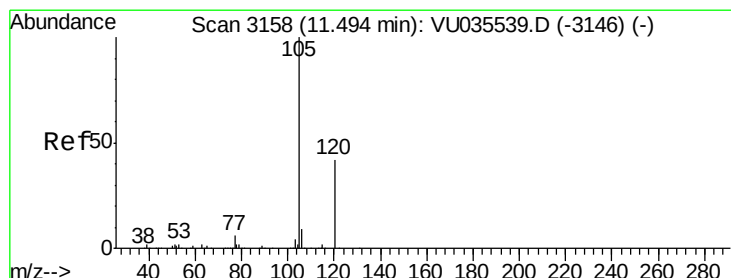
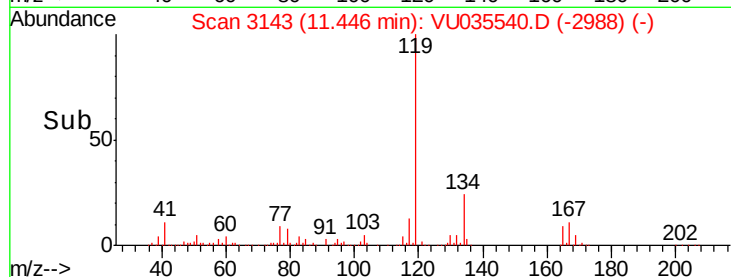
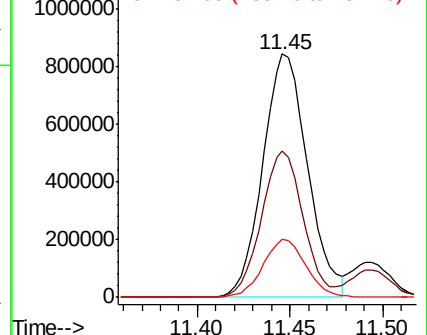
134 23.0 18.3 27.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V



#78

1,2,4-Trimethylbenzene

Concen: 15.751 ug/l

RT: 11.49 min Scan# 3158

Delta R.T. -0.00 min

Lab File: VU035540.D

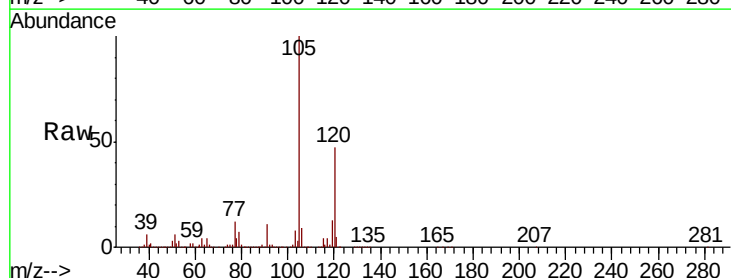
Acq: 29 Oct 2019 14:44

Tgt Ion:105 Resp: 1451190

Ion Ratio Lower Upper

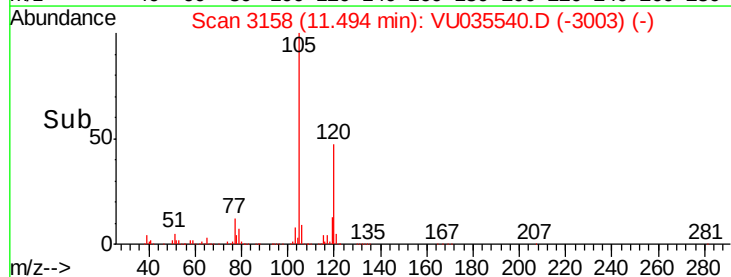
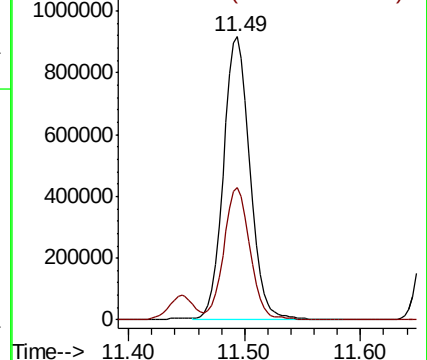
105 100

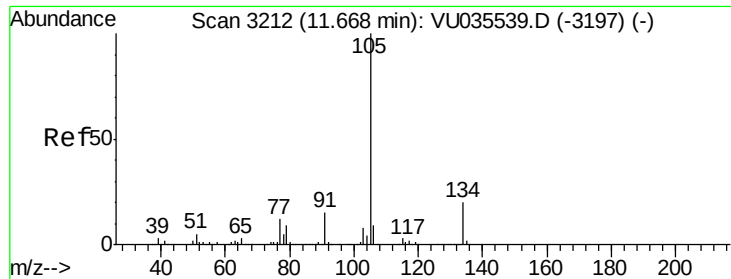
120 46.4 23.2 69.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#79

sec-Butylbenzene

Concen: 15.445 ug/l

RT: 11.67 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

Instrument :

MSVOA_U

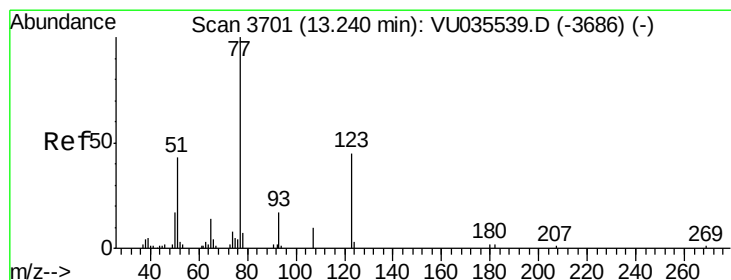
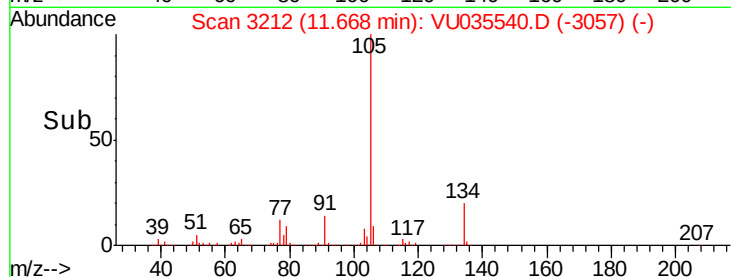
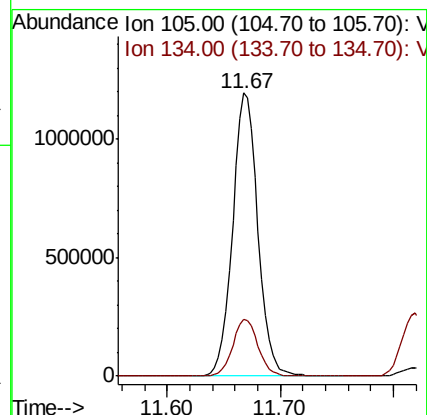
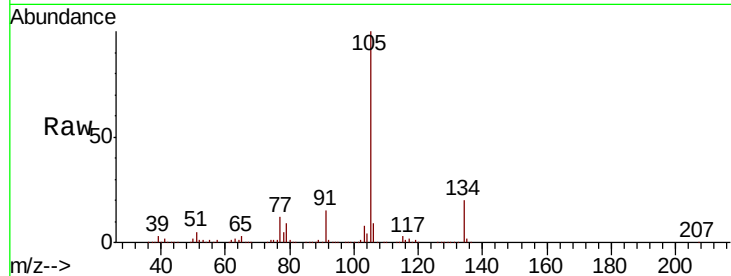
ClientSampled :

Tot Ion:105 Resp: 1844383

Ion Ratio Lower Upper

105 100

134 20.2 15.9 23.9



#80

Nitrobenzene

Concen: 79.416 ug/l

RT: 13.24 min Scan# 3701

Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

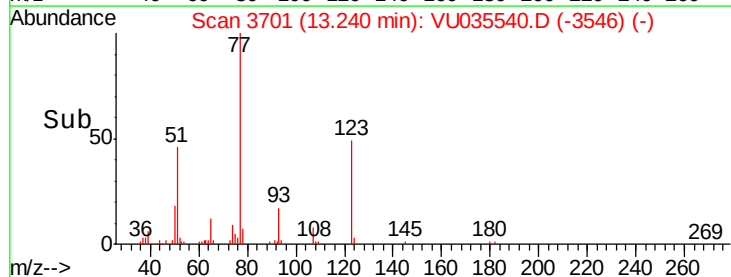
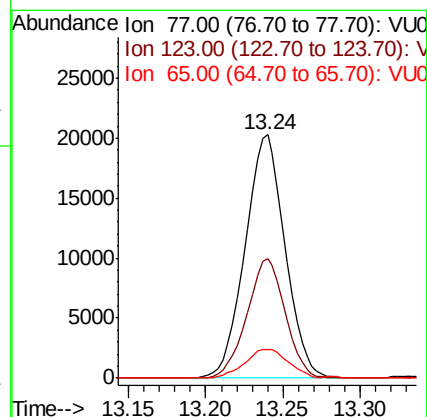
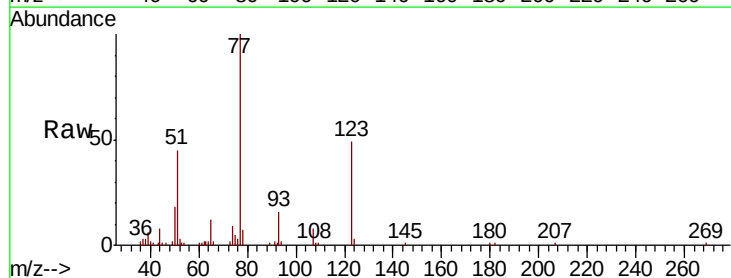
Tgt Ion: 77 Resp: 36394

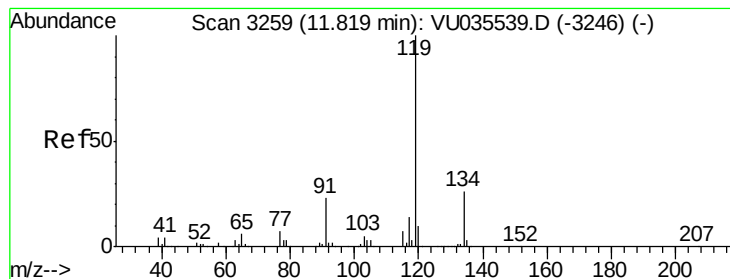
Ion Ratio Lower Upper

77 100

123 47.0 18.9 67.1

65 12.9 11.2 14.2





#81

p-Isopropyltoluene

Concen: 15.478 ug/l

RT: 11.82 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

Instrument :

MSVOA_U

ClientSampleId :

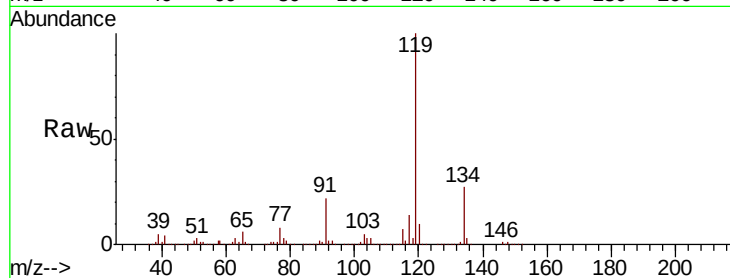
Tot Ion:119 Resp: 1530627

Ion Ratio Lower Upper

119 100

134 26.6 17.0 25.4#

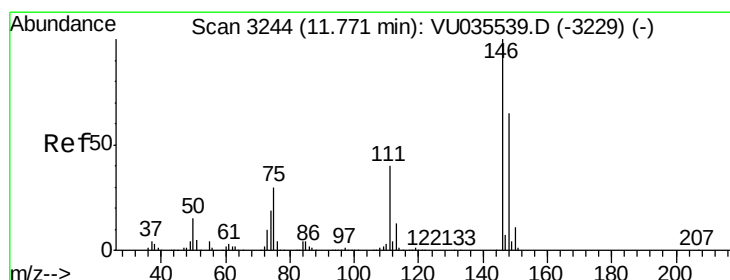
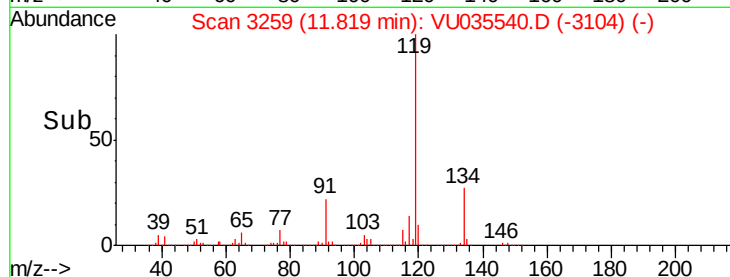
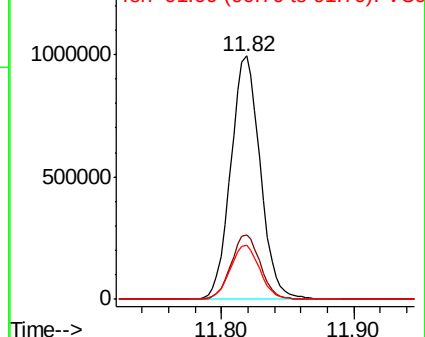
91 22.4 41.3 61.9#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0



#82

1,3-Dichlorobenzene

Concen: 14.411 ug/l

RT: 11.77 min Scan# 3244

Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

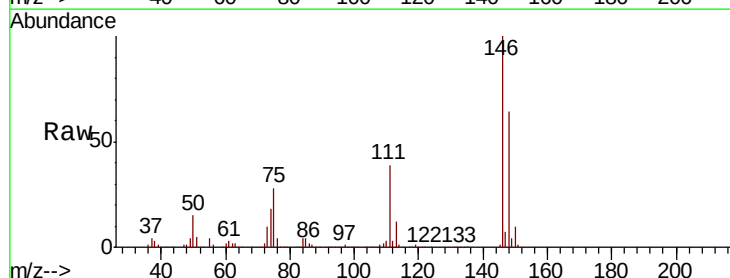
Tgt Ion:146 Resp: 831185

Ion Ratio Lower Upper

146 100

111 39.3 31.8 47.6

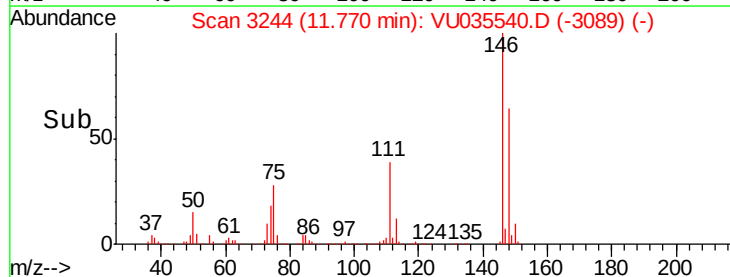
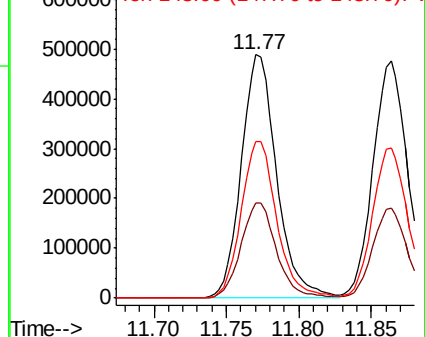
148 64.6 50.9 76.3

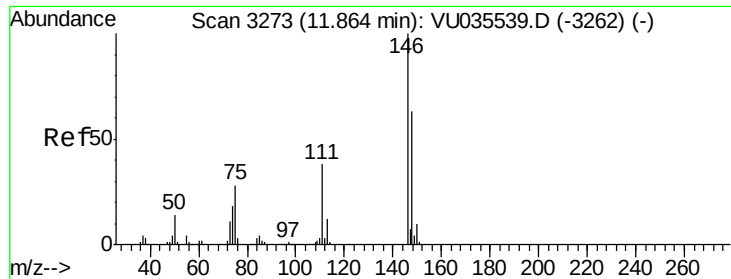


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

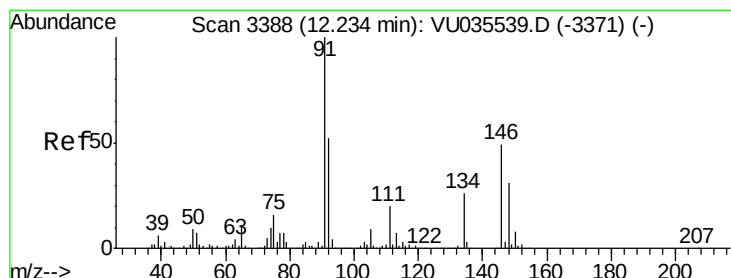
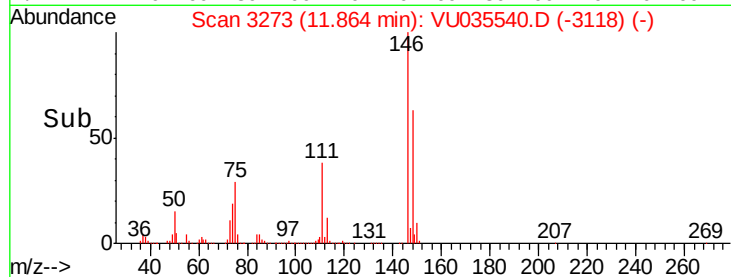
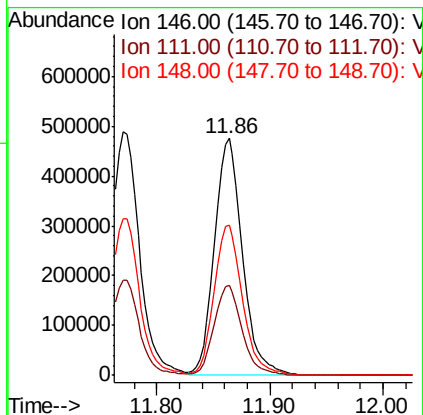
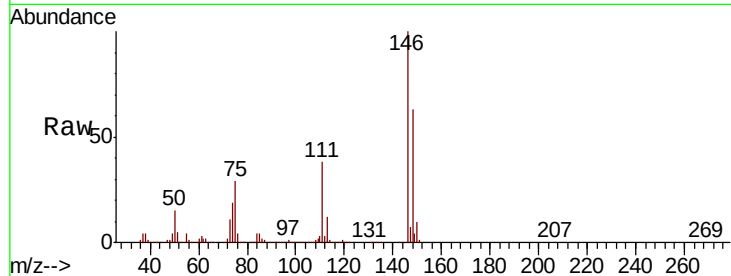




#83
 1,4-Dichlorobenzene
 Concen: 14.281 ug/l
 RT: 11.86 min Scan# 3273
 Delta R.T. -0.00 min
 Lab File: VU035540.D
 Acq: 29 Oct 2019 14:44

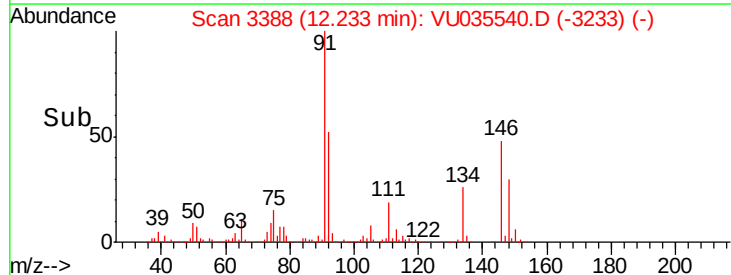
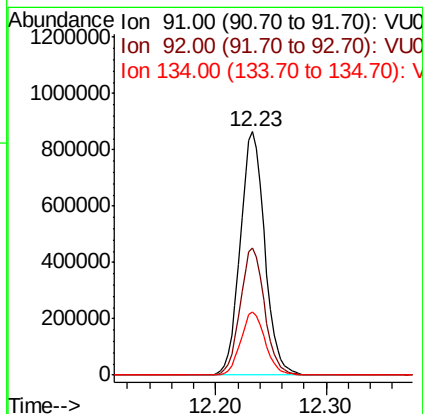
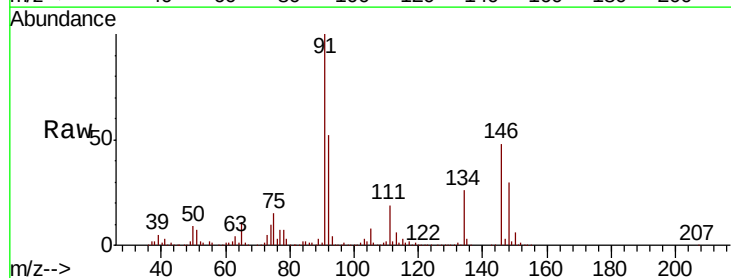
Instrument :
 MSVOA_U
 ClientSampleId :

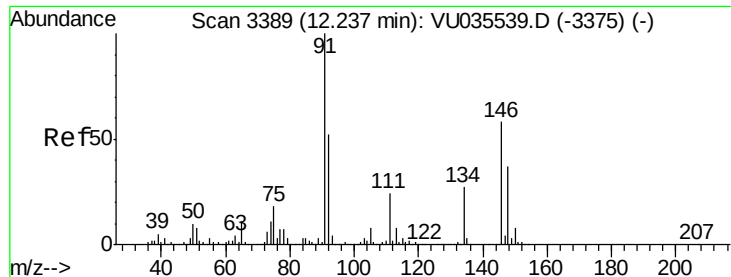
Tot Ion:146 Resp: 817725
 Ion Ratio Lower Upper
 146 100
 111 38.0 30.1 45.1
 148 64.0 51.0 76.4



#84
 n-Butylbenzene
 Concen: 14.727 ug/l
 RT: 12.23 min Scan# 3388
 Delta R.T. -0.00 min
 Lab File: VU035540.D
 Acq: 29 Oct 2019 14:44

Tgt Ion: 91 Resp: 1326882
 Ion Ratio Lower Upper
 91 100
 92 52.1 41.4 62.0
 134 25.9 20.6 30.8

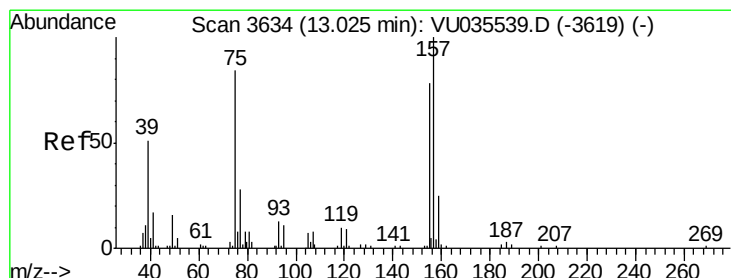
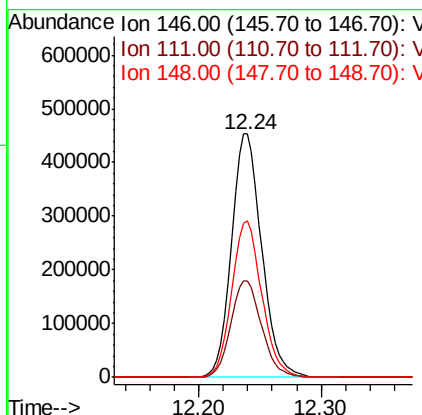
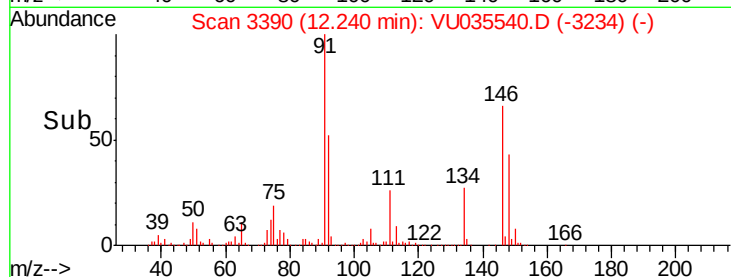
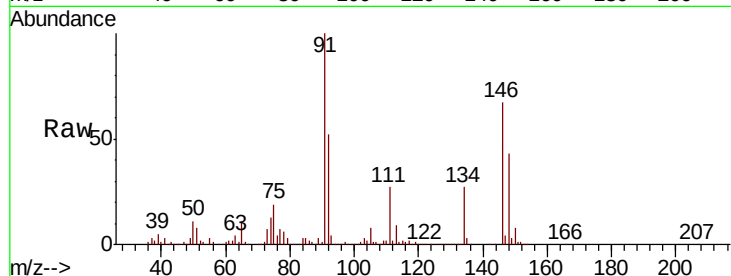




#85
 1,2-Dichlorobenzene
 Concen: 14.821 ug/l
 RT: 12.24 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VU035540.D
 Acq: 29 Oct 2019 14:44

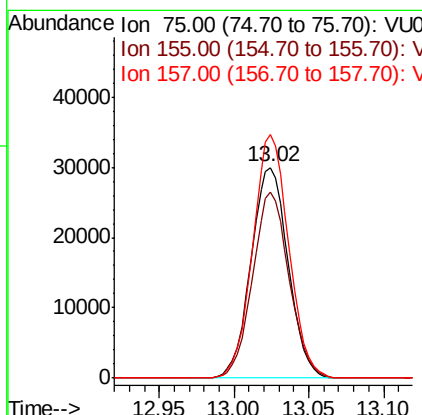
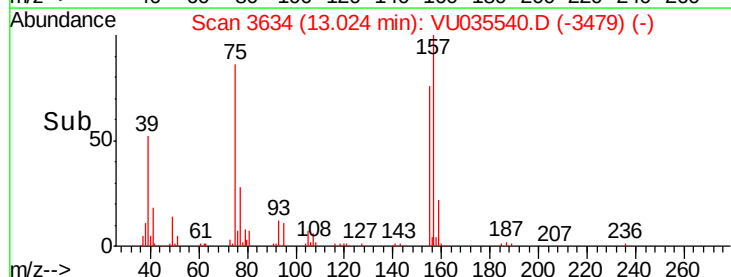
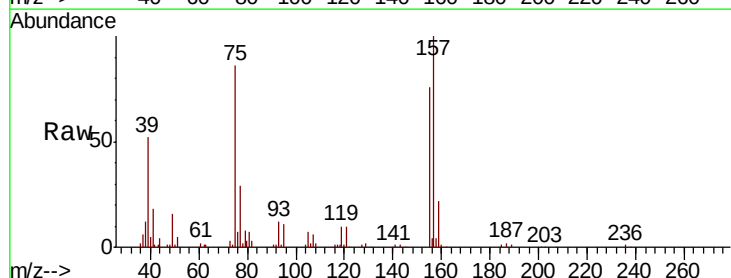
Instrument :
 MSVOA_U
 ClientSampled :

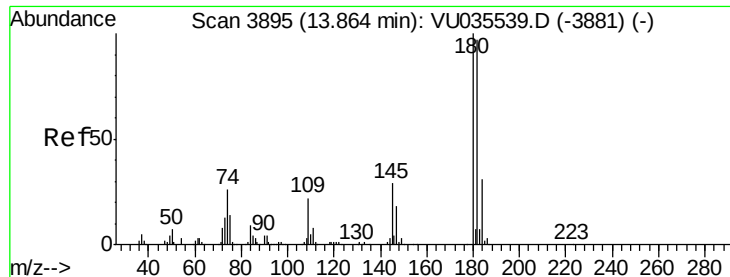
Tot Ion:146 Resp: 779719
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.5 61.5
 148 64.0 32.0 96.2



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 17.494 ug/l
 RT: 13.02 min Scan# 3634
 Delta R.T. -0.00 min
 Lab File: VU035540.D
 Acq: 29 Oct 2019 14:44

Tgt Ion: 75 Resp: 51656
 Ion Ratio Lower Upper
 75 100
 155 86.9 71.3 106.9
 157 112.0 91.2 136.8

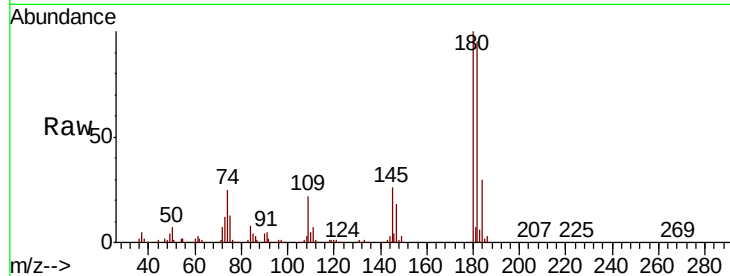




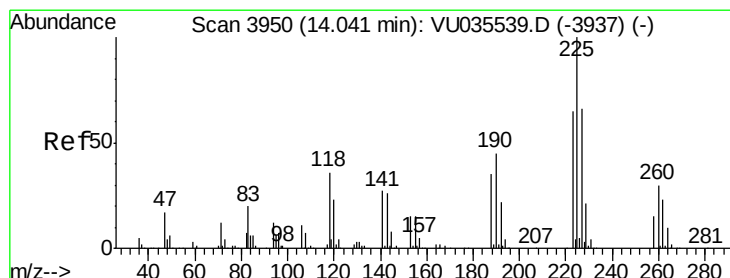
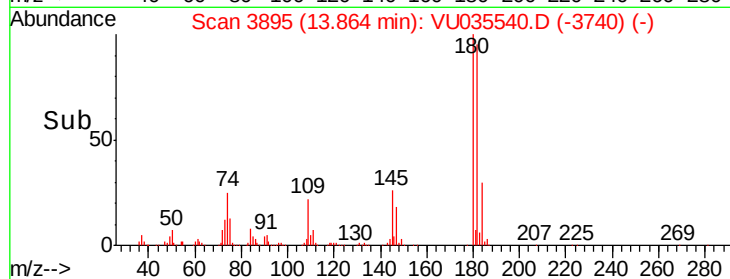
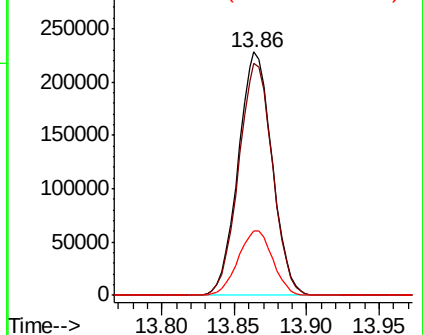
#87
 1,2,4-Trichlorobenzene
 Concen: 12.899 ug/l
 RT: 13.86 min Scan# 3895
 Delta R.T. -0.00 min
 Lab File: VU035540.D
 Acq: 29 Oct 2019 14:44

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	77.4	116.0
145	27.1	22.6	33.8

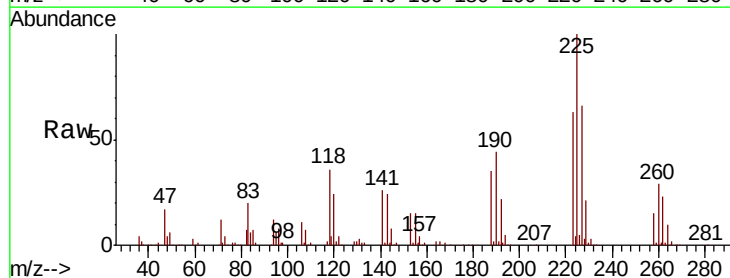


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

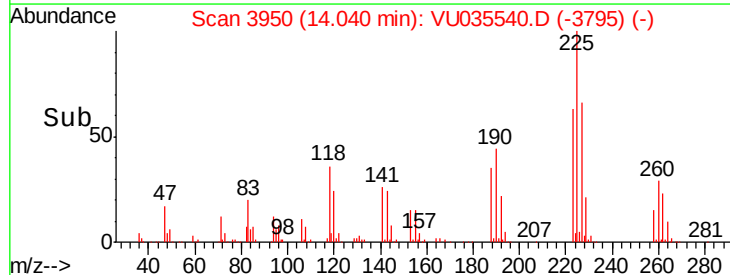
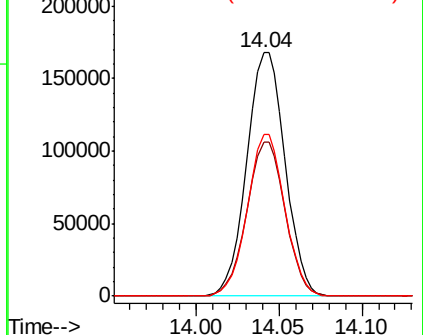


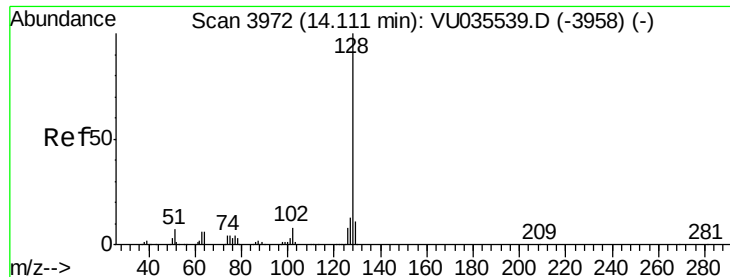
#88
 Hexachlorobutadiene
 Concen: 12.054 ug/l
 RT: 14.04 min Scan# 3950
 Delta R.T. -0.00 min
 Lab File: VU035540.D
 Acq: 29 Oct 2019 14:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.7	76.1
227	64.6	52.2	78.4



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: 15.554 ug/l

RT: 14.11 min Scan# 3972

Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

Instrument :

MSVOA_U

ClientSampleId :

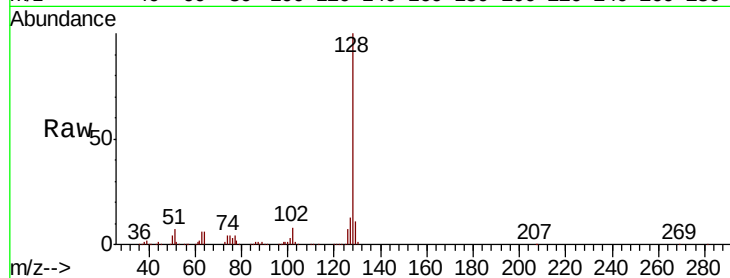
Tot Ion:128 Resp: 582623

Ion Ratio Lower Upper

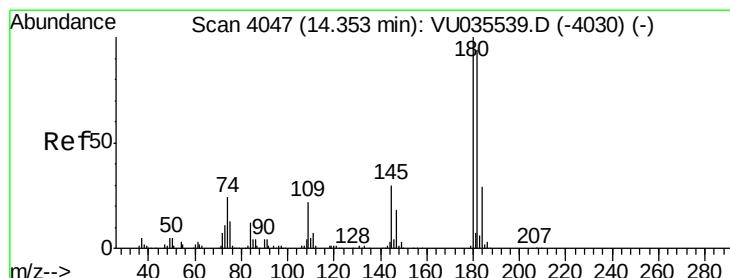
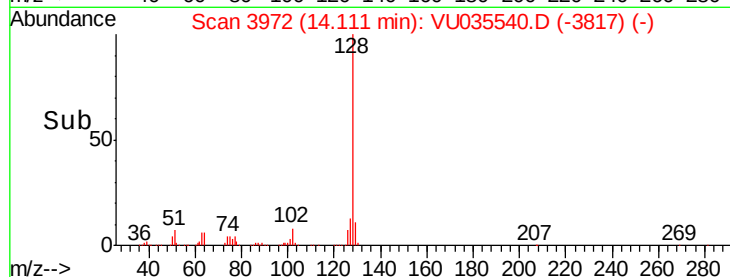
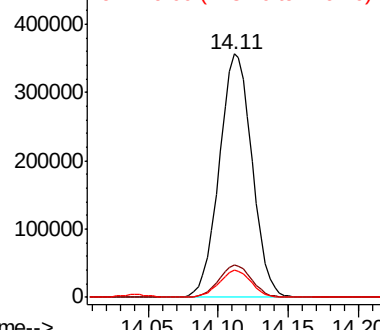
128 100

127 13.1 10.3 15.5

129 10.8 8.6 13.0



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: 13.318 ug/l

RT: 14.35 min Scan# 4047

Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

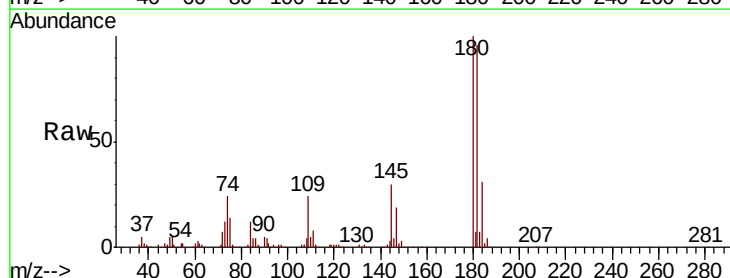
Tgt Ion:180 Resp: 355214

Ion Ratio Lower Upper

180 100

182 96.0 75.8 113.8

145 30.1 23.7 35.5



Abundance Ion 179.70 (179.40 to 180.40): V
Ion 181.70 (181.40 to 182.40): V
Ion 144.80 (144.50 to 145.50): V

