

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U0103019\
 Data File : VU035549.D
 Acq On : 30 Oct 2019 08:17
 Operator : JC/SP
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 31 01:11:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U102919DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 30 07:13:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	6.16	96	78495	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.66	95	34126	1.21	ug/l	0.00
Spiked Amount 1.000			Recovery	=	121.00%	
68) 1,2-Dichlorobenzene-d4	12.22	152	31171	1.04	ug/l	0.00
Spiked Amount 1.000			Recovery	=	104.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.40	85	287081	9.338	ug/l	98
3) Chloromethane	1.54	50	309710	8.221	ug/l	98
4) Vinyl Chloride	1.62	62	315180	9.441	ug/l	100
5) Bromomethane	1.88	94	167690	9.881	ug/l	97
6) Chloroethane	1.95	64	179061	9.331	ug/l	99
7) Trichlorofluoromethane	2.16	101	394149	9.556	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	212681	9.514	ug/l	99
9) 1,1-Dichloroethene	2.61	96	200998	9.317	ug/l	99
10) Iodomethane	2.75	142	160988	10.653	ug/l	98
11) Allyl Chloride	2.96	41	343614	9.481	ug/l	99
12) Acrylonitrile	3.37	53	112309	20.741	ug/l	94
13) Acetone	2.67	43	252824	48.104	ug/l	99
14) Carbon Disulfide	2.82	76	706108	9.258	ug/l	100
15) Methylene Chloride	3.08	84	240925	8.686	ug/l	98
16) trans-1,2-Dichloroethene	3.39	96	221079	9.319	ug/l	99
17) 1,1-Dichloroethane	3.92	63	424584	9.554	ug/l	100
18) 2-Butanone	4.78	43	339680	49.865	ug/l	99
19) Cyclohexane	5.43	56	322204	9.149	ug/l	98
20) Methylcyclohexane	6.80	83	369941	10.240	ug/l	100
21) 2,2-Dichloropropane	4.71	77	363272	9.472	ug/l	100
22) cis-1,2-Dichloroethene	4.72	96	248575	9.791	ug/l	97
23) Diethyl Ether	2.41	59	172290	9.685	ug/l	98
24) tert-Butyl Alcohol	3.25	59	181154	91.373	ug/l	99
25) Methyl tert-Butyl Ether	3.42	73	557742	9.643	ug/l	100
26) Bromochloromethane	5.02	128	108491	9.570	ug/l	99
27) Chloroform	5.14	83	424142	8.933	ug/l	100
28) 1,1,1-Trichloroethane	5.36	97	354777	9.431	ug/l	99
29) 1,1-Dichloropropene	5.57	75	320913	10.173	ug/l	98
30) Carbon Tetrachloride	5.57	117	321784	9.617	ug/l	99
31) Isopropyl Ether	4.06	45	621264	10.010	ug/l	99
32) Ethyl-t-butyl ether	4.57	59	589257	10.255	ug/l	99
33) Tert-Amyl methyl ether	6.00	73	517627	10.475	ug/l	100
34) Propionitrile	4.84	54	95817	48.564	ug/l	98
35) Benzene	5.82	78	937654	9.741	ug/l	99
36) 1,2-Dichloroethane	5.84	62	261751	9.491	ug/l	99
37) Trichloroethene	6.58	130	256324	9.586	ug/l	100
38) 1,2-Dichloropropane	6.83	63	253797	9.615	ug/l	99
39) Methacrylonitrile	5.04	41	73918	9.978	ug/l	97
40) Methyl acrylate	4.91	55	124834	11.067	ug/l	99
41) Tetrahydrofuran	5.13	42	74836	19.649	ug/l #	41
42) 1-Chlorobutane	5.50	56	438900	10.113	ug/l	100

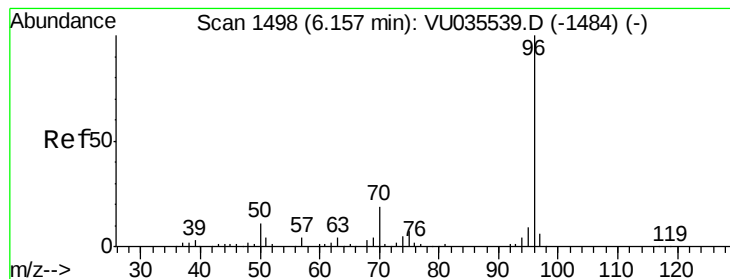
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U103019\
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 30 07:13:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.96	93	125367	9.508	ug/l	97
44) Bromodichloromethane	7.15	83	310626	9.454	ug/l	100
45) 4-Methyl-2-Pentanone	7.84	43	739103	52.564	ug/l	99
46) t-1,4-Dichloro-2-butene	10.85	75	258403	50.565	ug/l #	63
47) Methyl methacrylate	7.01	69	227855	20.865	ug/l	98
48) Ethyl methacrylate	8.38	69	209693	10.989	ug/l	98
49) Toluene	8.00	92	583219	10.535	ug/l	98
50) t-1,3-Dichloropropene	8.25	75	298116	10.246	ug/l	100
51) cis-1,3-Dichloropropene	7.65	75	347851	10.077	ug/l	99
52) 1,1,2-Trichloroethane	8.44	97	177994	9.632	ug/l	98
53) 1,3-Dichloropropane	8.61	76	314678	10.048	ug/l	99
54) 2-Hexanone	8.73	43	541324	54.175	ug/l	98
55) Dibromochloromethane	8.84	129	223759	9.917	ug/l	100
56) 1,2-Dibromoethane	8.96	107	173210	10.246	ug/l	98
58) Tetrachloroethene	8.58	164	242322	9.886	ug/l	97
59) Chlorobenzene	9.48	112	659160	10.326	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.56	131	238969	9.737	ug/l	100
61) Pentachloroethane	11.46	117	193105	9.656	ug/l	99
62) Hexachloroethane	12.50	117	177971	9.741	ug/l	100
63) Ethyl Benzene	9.60	91	1093844	11.034	ug/l	99
64) m/p-Xylenes	9.72	106	880065	22.483	ug/l #	1
65) o-Xylene	10.13	106	416016	11.000	ug/l	97
66) Styrene	10.14	104	715990	11.436	ug/l	100
67) Bromoform	10.32	173	142699	10.194	ug/l	98
69) Isopropylbenzene	10.51	105	1077969	10.931	ug/l	99
70) 1,1,1,2-Tetrachloroethane	10.81	83	238476	9.679	ug/l #	65
71) 1,2,3-Trichloropropane	10.85	75	258403	13.965	ug/l	78
72) Bromobenzene	10.81	156	280603	10.213	ug/l	97
73) n-propylbenzene	10.93	120	313842	11.396	ug/l	99
74) 2-Chlorotoluene	11.01	126	276004	10.689	ug/l	100
75) 1,3,5-Trimethylbenzene	11.11	105	910751	11.208	ug/l	99
76) 4-Chlorotoluene	11.12	126	286133	10.910	ug/l	99
77) tert-Butylbenzene	11.45	119	907352	10.888	ug/l	100
78) 1,2,4-Trimethylbenzene	11.49	105	923418	11.229	ug/l	100
79) sec-Butylbenzene	11.67	105	1172668	11.000	ug/l	99
80) Nitrobenzene	13.24	77	20353	24.650	ug/l	99
81) p-Isopropyltoluene	11.82	119	966298	11.329	ug/l #	67
82) 1,3-Dichlorobenzene	11.77	146	539356	10.307	ug/l	99
83) 1,4-Dichlorobenzene	11.86	146	531928	10.599	ug/l	100
84) n-Butylbenzene	12.23	91	792507	11.321	ug/l	99
85) 1,2-Dichlorobenzene	12.24	146	503056	10.208	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	13.02	75	32132	10.241	ug/l	99
87) 1,2,4-Trichlorobenzene	13.86	180	205108	9.081	ug/l	99
88) Hexachlorobutadiene	14.04	225	163797	8.924	ug/l	99
89) Naphthalene	14.11	128	297606	8.918	ug/l	100
90) 1,2,3-Trichlorobenzene	14.35	180	206151	9.288	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: VU035549.D

Acq: 30 Oct 2019 08:17

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 96 Resp: 78495

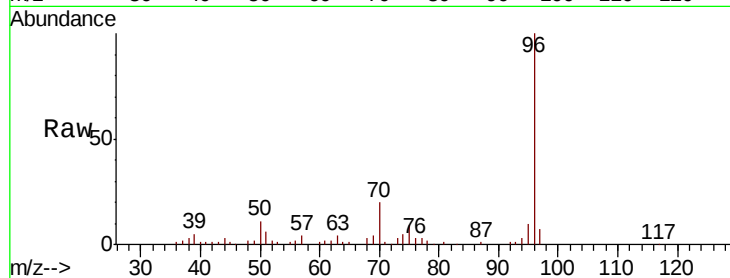
Ion Ratio Lower Upper

96 100

70 19.9 15.8 23.8

95 9.0 7.4 11.2

97 0.0 0.0 0.0

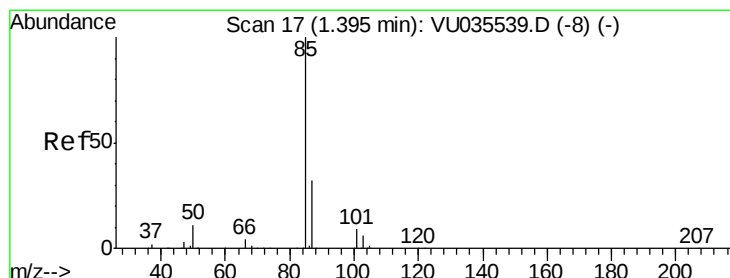
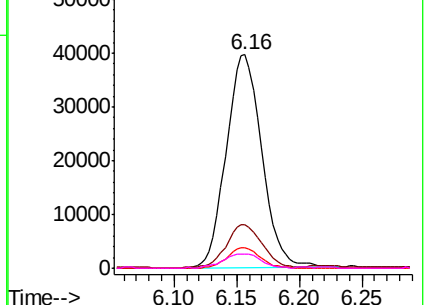
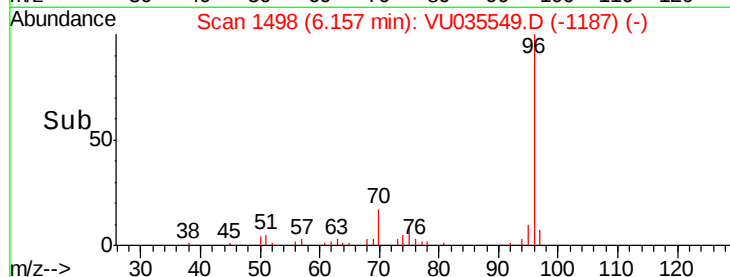


Abundance Ion 96.00 (95.70 to 96.70): VU0

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: 9.338 ug/l

RT: 1.40 min Scan# 18

Delta R.T. 0.00 min

Lab File: VU035549.D

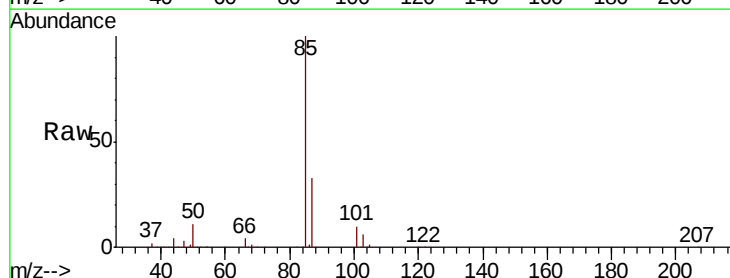
Acq: 30 Oct 2019 08:17

Tgt Ion: 85 Resp: 287081

Ion Ratio Lower Upper

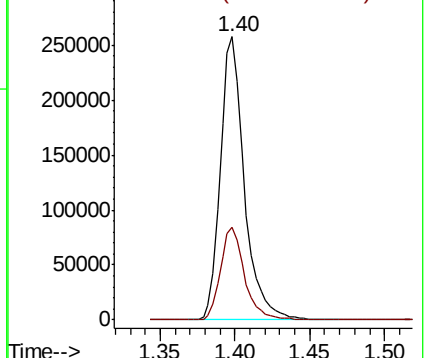
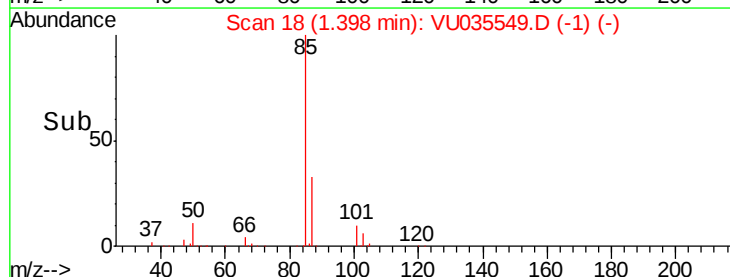
85 100

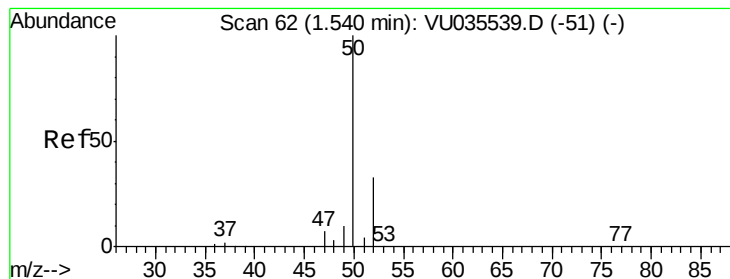
87 32.8 15.8 47.4



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 8.221 ug/l

RT: 1.54 min Scan# 62

Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

Instrument :

MSVOA_U

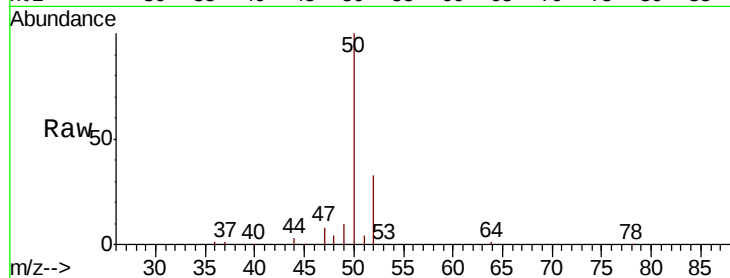
ClientSampleId :

Tot Ion: 50 Resp: 309710

Ion Ratio Lower Upper

50 100

52 33.4 26.0 39.0



Abundance Ion 50.00 (49.70 to 50.70): VU035539.D (-51) (-)

Ion 52.00 (51.70 to 52.70): VU035549.D (-1) (-)

1.54

250000

200000

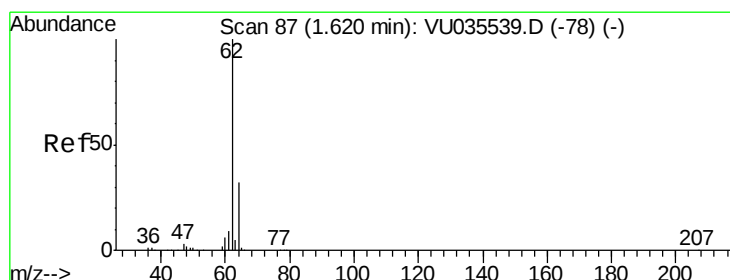
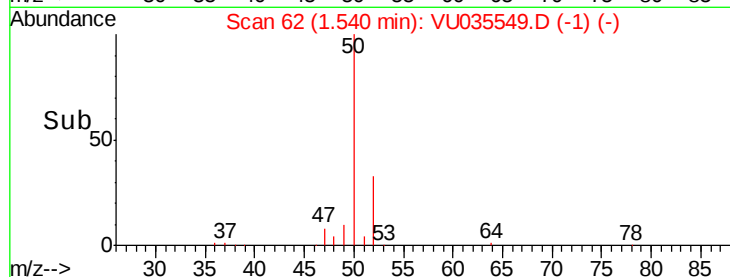
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 9.441 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VU035549.D

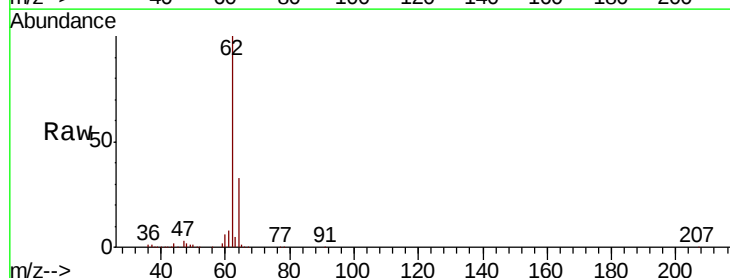
Acq: 30 Oct 2019 08:17

Tgt Ion: 62 Resp: 315180

Ion Ratio Lower Upper

62 100

64 32.1 25.6 38.4



Abundance Ion 62.00 (61.70 to 62.70): VU035539.D (-78) (-)

Ion 64.00 (63.70 to 64.70): VU035549.D (-1) (-)

1.62

300000

250000

200000

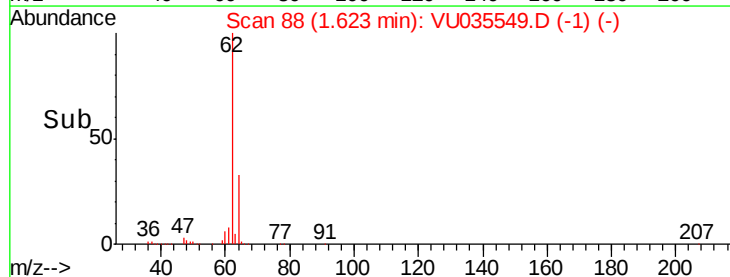
150000

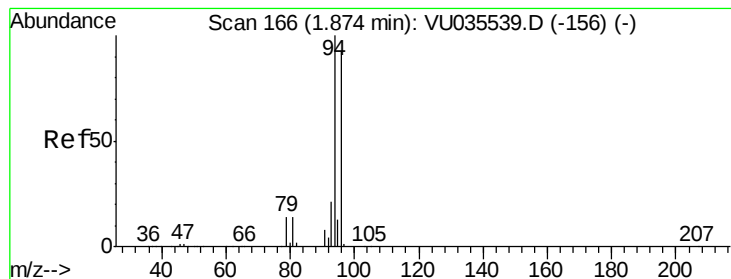
100000

50000

0

Time-->





#5

Bromomethane

Concen: 9.881 ug/l

RT: 1.88 min Scan# 167

Delta R.T. 0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

Instrument :

MSVOA_U

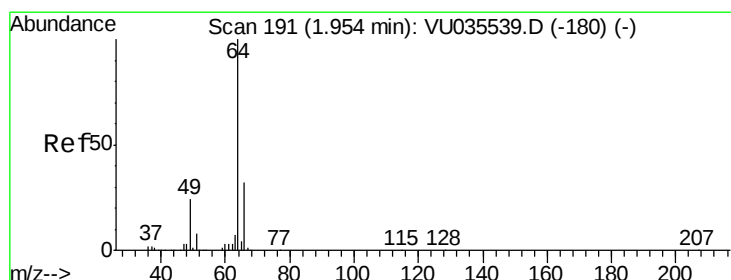
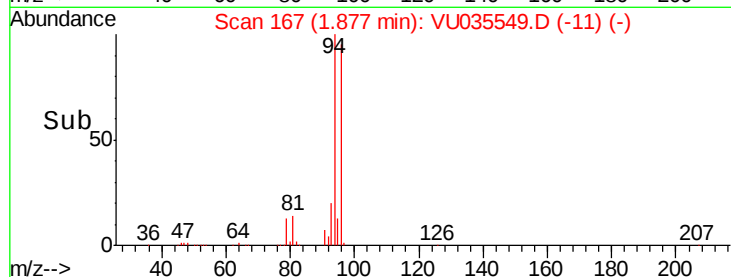
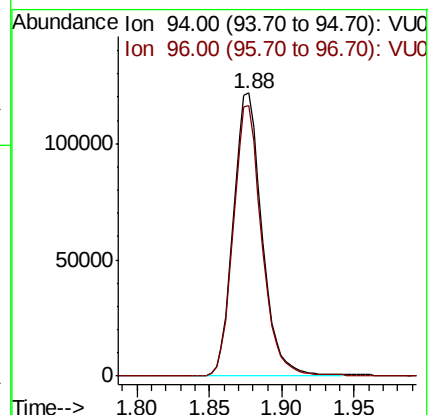
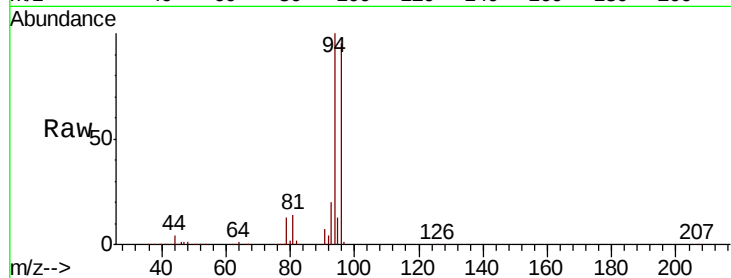
ClientSampled :

Tot Ion: 94 Resp: 167690

Ion Ratio Lower Upper

94 100

96 95.4 73.8 110.8



#6

Chloroethane

Concen: 9.331 ug/l

RT: 1.95 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU035549.D

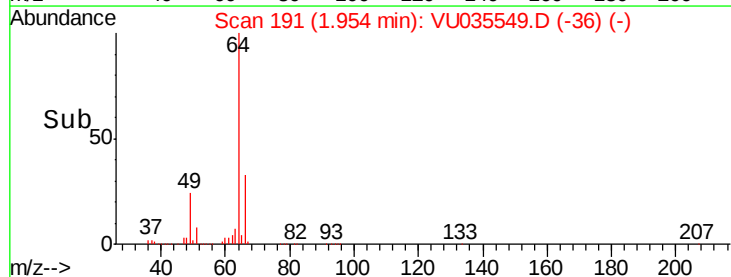
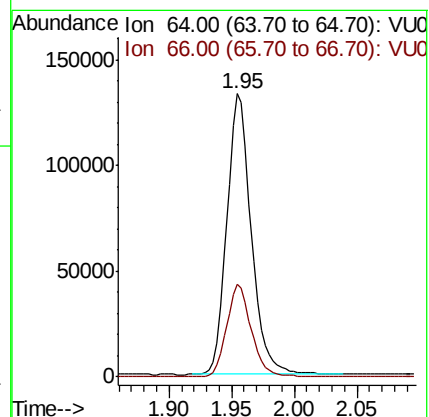
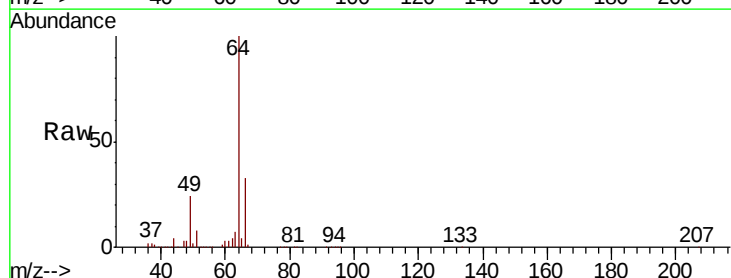
Acq: 30 Oct 2019 08:17

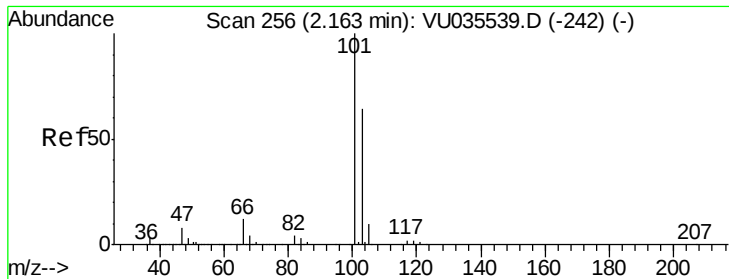
Tgt Ion: 64 Resp: 179061

Ion Ratio Lower Upper

64 100

66 32.9 25.9 38.9



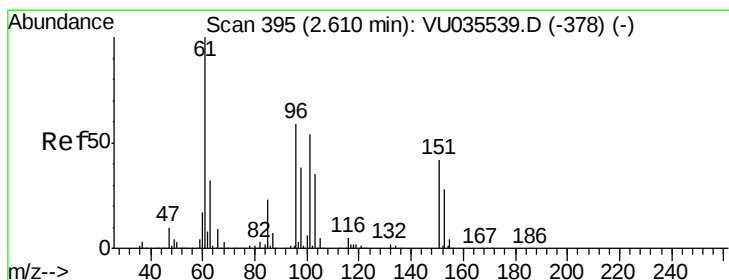
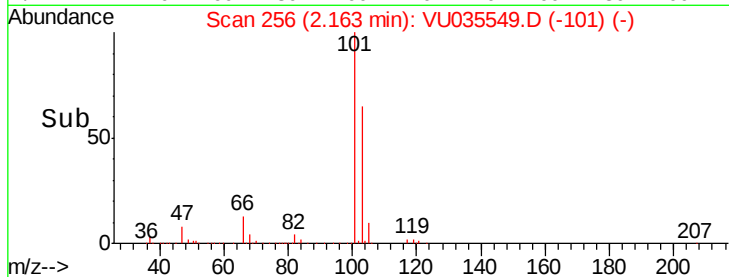
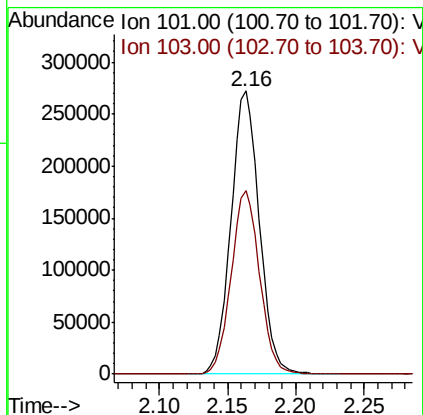
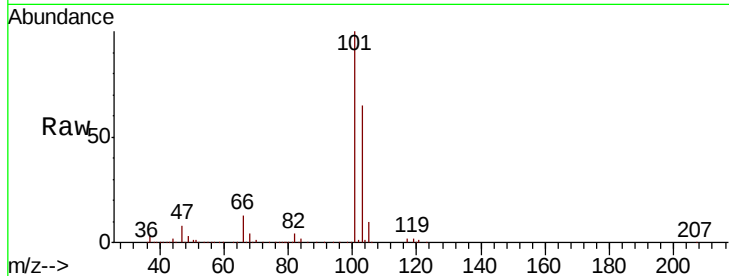


#7

Trichlorofluoromethane
 Concen: 9.556 ug/l
 RT: 2.16 min Scan# 256
 Delta R.T. -0.00 min
 Lab File: VU035549.D
 Acq: 30 Oct 2019 08:17

Instrument :
 MSVOA_U
 ClientSampleId :

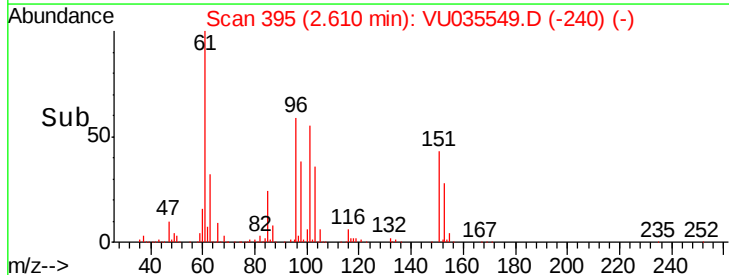
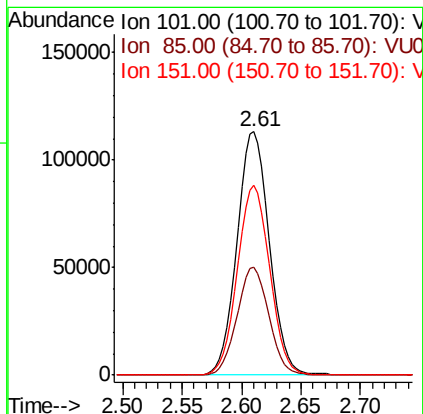
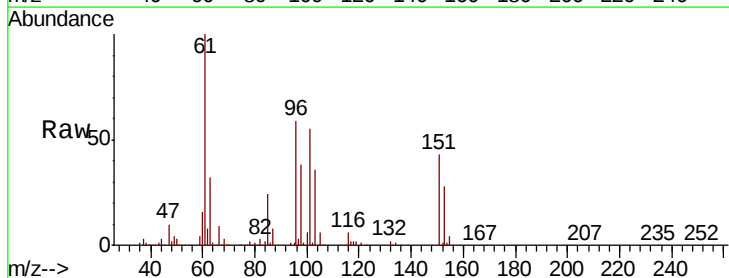
Tot Ion:101 Resp: 394149
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.0 76.6

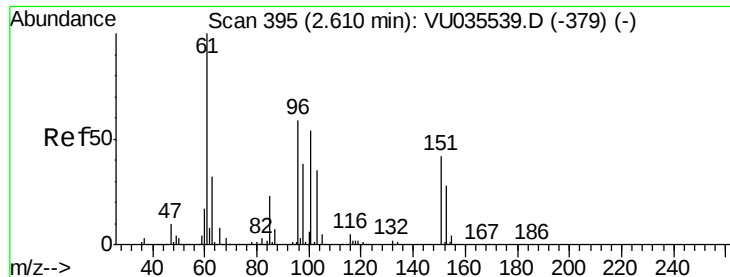


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.514 ug/l
 RT: 2.61 min Scan# 395
 Delta R.T. -0.00 min
 Lab File: VU035549.D
 Acq: 30 Oct 2019 08:17

Tgt Ion:101 Resp: 212681
 Ion Ratio Lower Upper
 101 100
 85 43.4 35.8 53.6
 151 78.0 61.8 92.6





#9

1,1-Dichloroethene

Concen: 9.317 ug/l

RT: 2.61 min Scan# 395

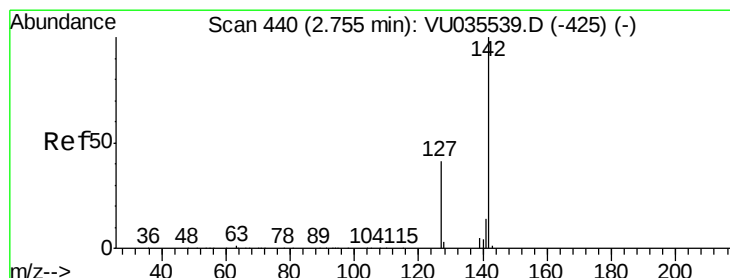
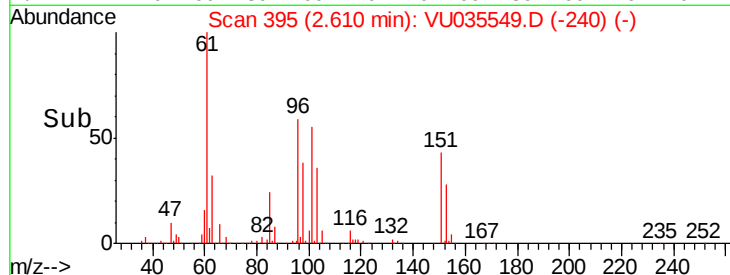
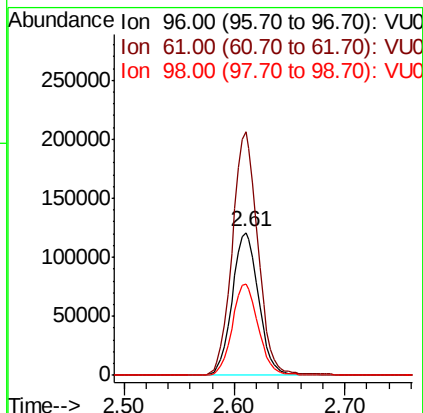
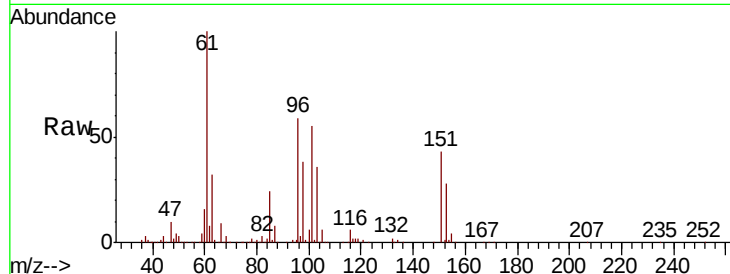
Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	96	Resp:	200998
Ion	Ratio	Lower	Upper
96	100		
61	170.7	0.0	508.8
98	64.4	0.0	130.4



#10

Iodomethane

Concen: 10.653 ug/l

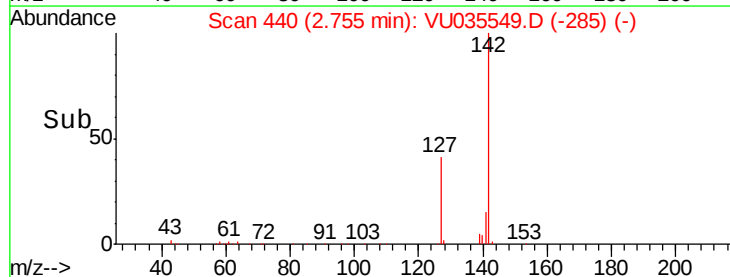
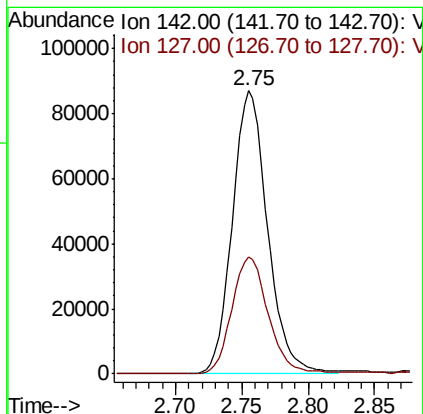
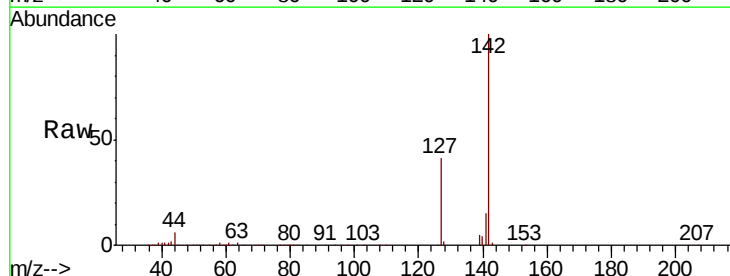
RT: 2.75 min Scan# 440

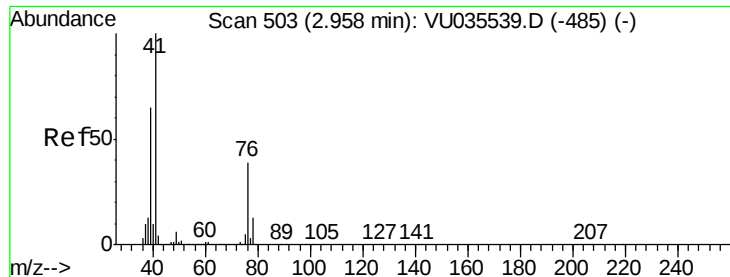
Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

Tgt Ion:	142	Resp:	160988
Ion	Ratio	Lower	Upper
142	100		
127	42.9	33.4	50.0

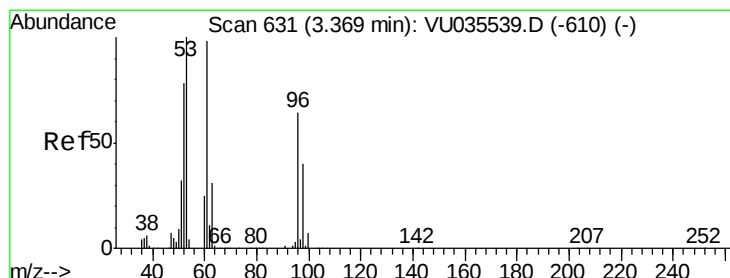
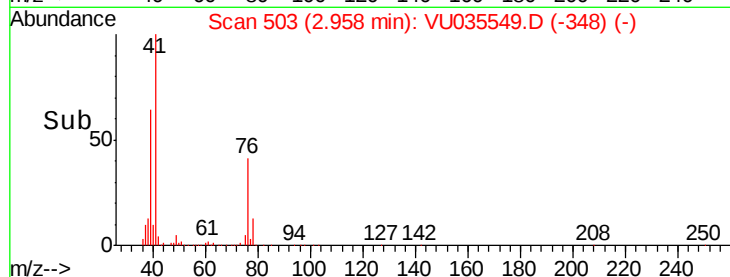
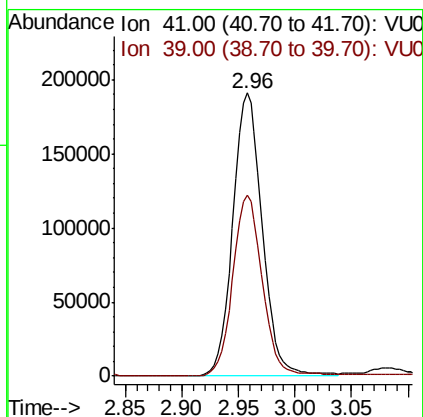
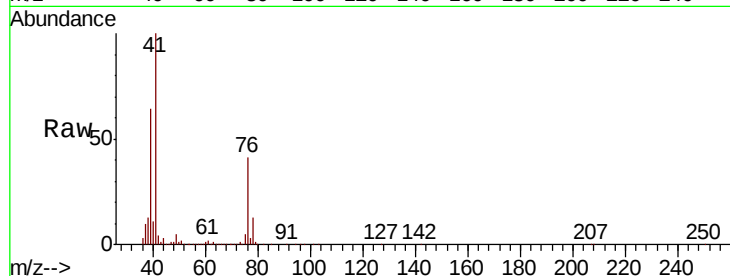




#11
Allvl Chloride
Concen: 9.481 ug/l
RT: 2.96 min Scan# 503
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

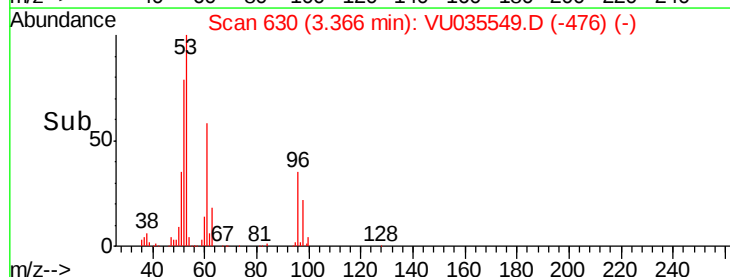
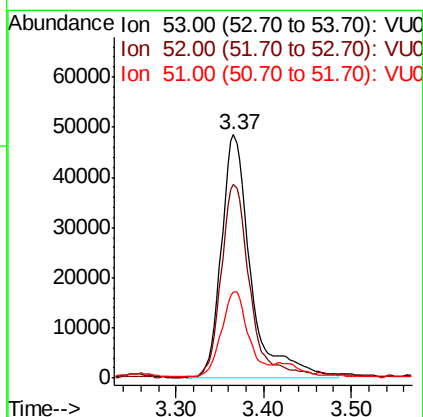
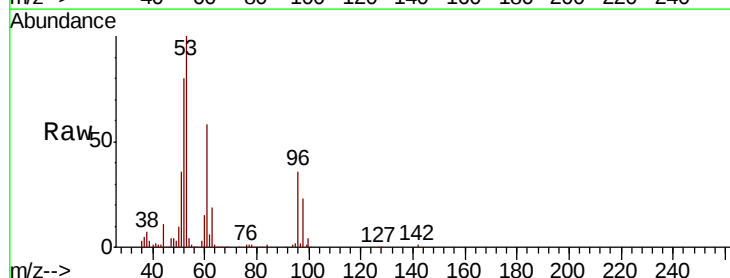
Instrument :
MSVOA_U
ClientSampled :

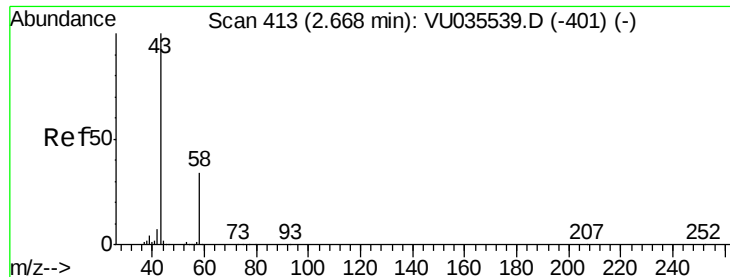
Tot Ion: 41 Resp: 343614
Ion Ratio Lower Upper
41 100
39 63.8 52.0 78.0



#12
Acrylonitrile
Concen: 20.741 ug/l
RT: 3.37 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Tgt Ion: 53 Resp: 112309
Ion Ratio Lower Upper
53 100
52 77.4 67.4 101.0
51 32.2 27.0 40.4





#13

Acetone

Concen: 48.104 ug/l

RT: 2.67 min Scan# 413

Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

Instrument :

MSVOA_U

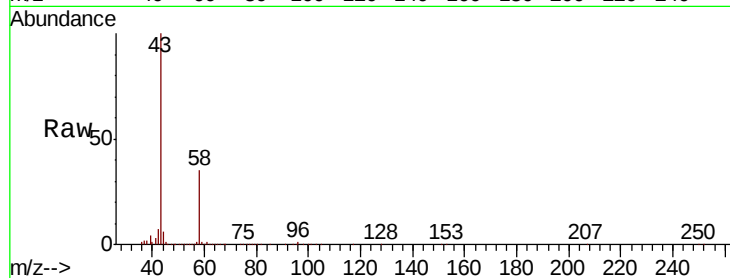
ClientSampleId :

Tot Ion: 43 Resp: 252824

Ion Ratio Lower Upper

43 100

58 35.0 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

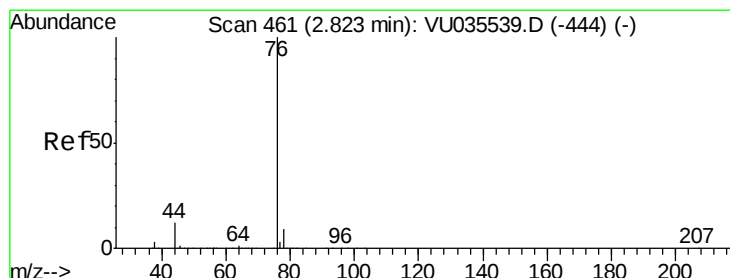
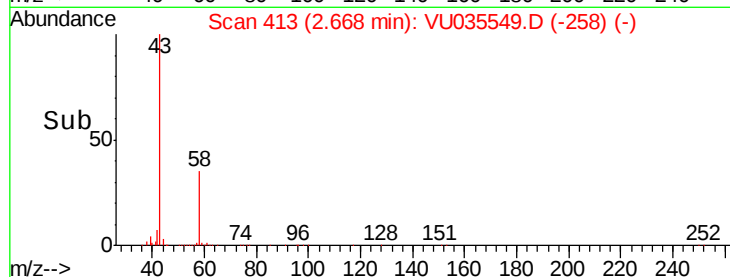
150000

100000

50000

0

Time-->



#14

Carbon Disulfide

Concen: 9.258 ug/l

RT: 2.82 min Scan# 461

Delta R.T. -0.00 min

Lab File: VU035549.D

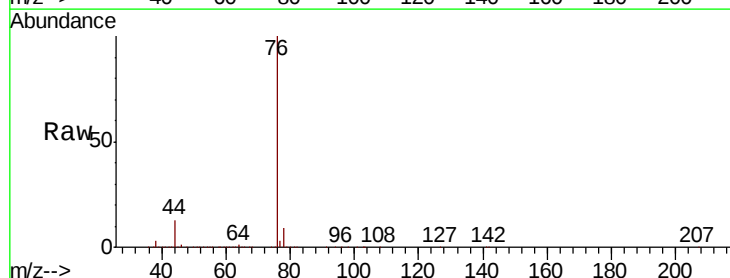
Acq: 30 Oct 2019 08:17

Tgt Ion: 76 Resp: 706108

Ion Ratio Lower Upper

76 100

78 9.2 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

400000

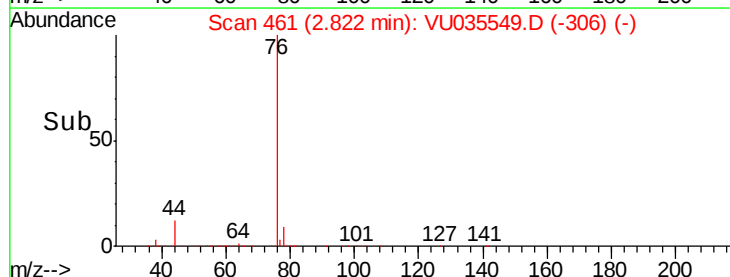
300000

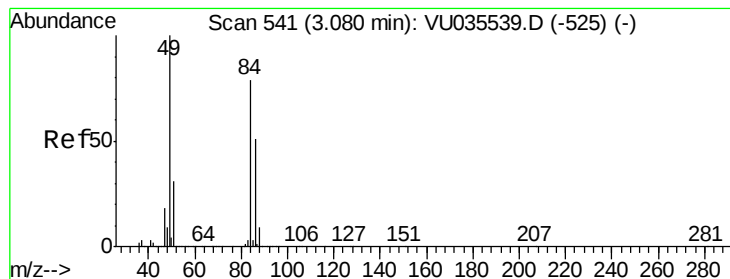
200000

100000

0

Time-->





#15

Methvlene Chloride

Concen: 8.686 ug/l

RT: 3.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 84 Resp: 240925

Ion	Ratio	Lower	Upper
84	100		
49	124.5	101.5	152.3
51	39.0	0.0	78.6
86	66.3	52.2	78.2

Abundance

Ion 84.00 (83.70 to 84.70): VU0

Ion 49.00 (48.70 to 49.70): VU0

Ion 51.00 (50.70 to 51.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

250000

200000

150000

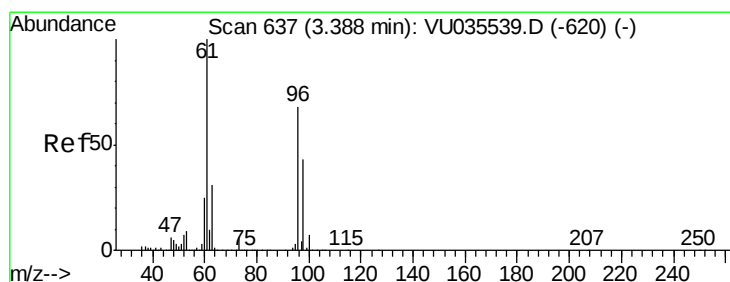
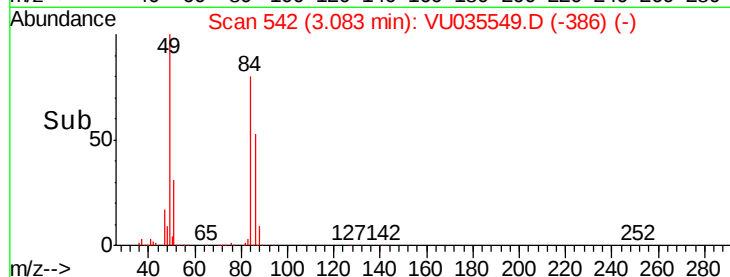
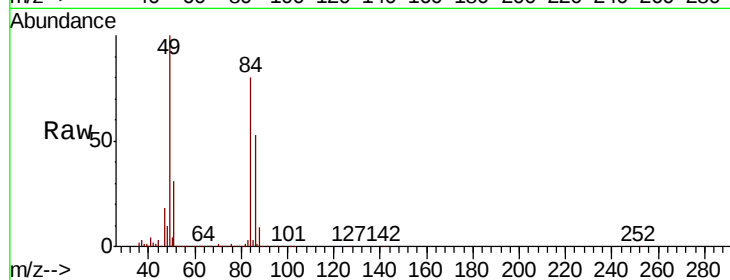
100000

50000

0

Time-->

3.00 3.05 3.10 3.15 3.20



#16

trans-1,2-Dichloroethene

Concen: 9.319 ug/l

RT: 3.39 min Scan# 637

Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

Tgt Ion: 96 Resp: 221079

Ion	Ratio	Lower	Upper
96	100		
61	146.1	117.8	176.8
98	61.8	50.2	75.2

Abundance

Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

200000

150000

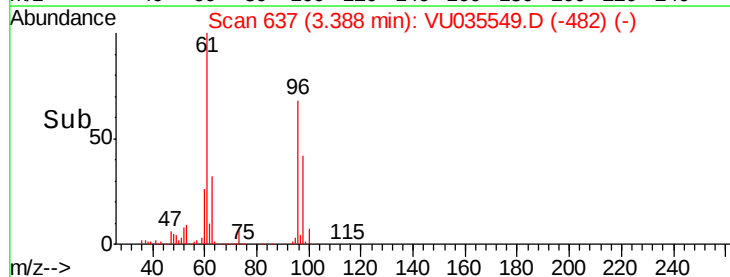
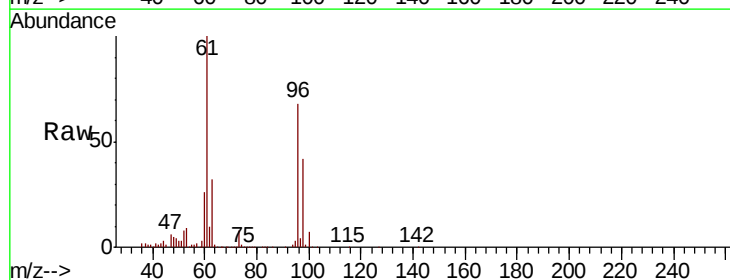
100000

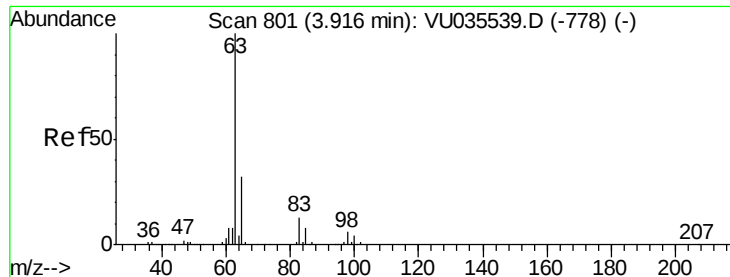
50000

0

Time-->

3.30 3.35 3.40 3.45

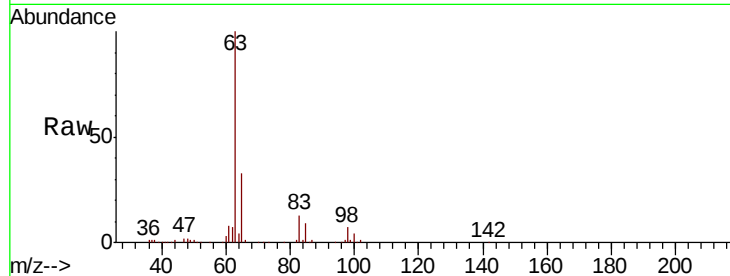




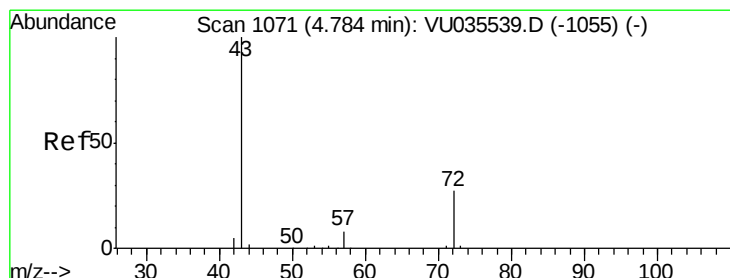
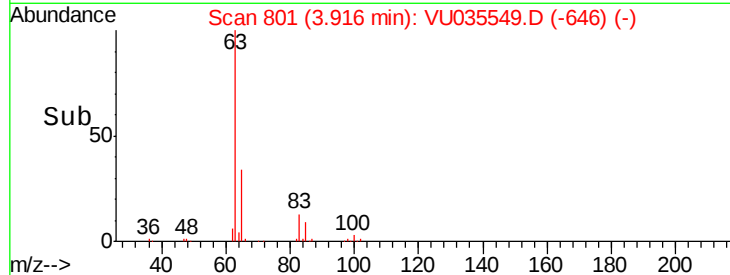
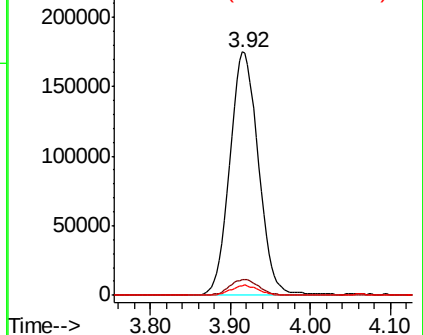
#17
 1,1-Dichloroethane
 Concen: 9.554 ug/l
 RT: 3.92 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: VU035549.D
 Acq: 30 Oct 2019 08:17

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
63	100		
98	6.4	3.1	9.3
100	4.1	2.1	6.3

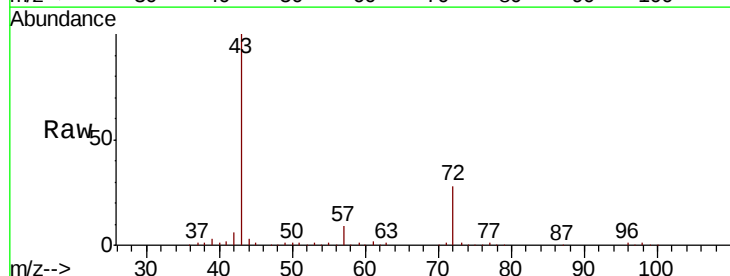


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

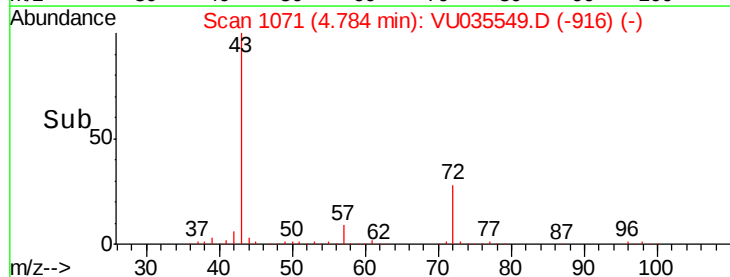
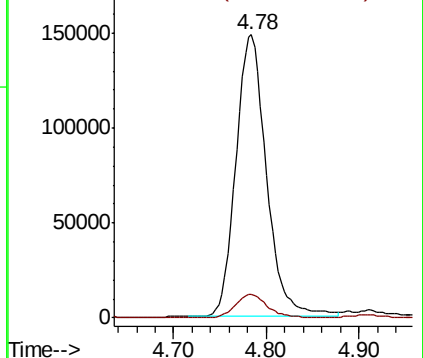


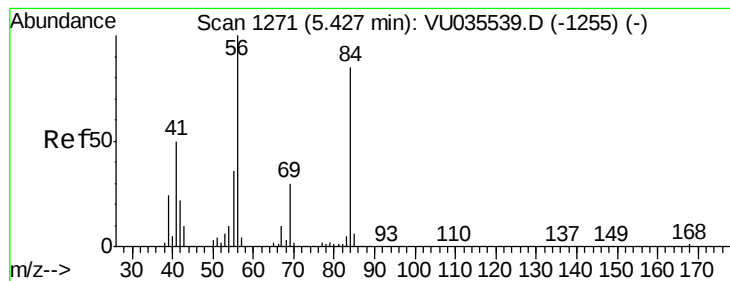
#18
 2-Butanone
 Concen: 49.865 ug/l
 RT: 4.78 min Scan# 1071
 Delta R.T. -0.00 min
 Lab File: VU035549.D
 Acq: 30 Oct 2019 08:17

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.3	0.0	17.0



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





#19

Cyclohexane

Concen: 9.149 ug/l

RT: 5.43 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

Instrument :

MSVOA_U

ClientSampleId :

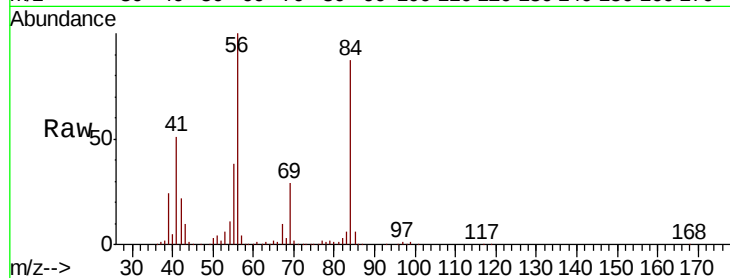
Tot Ion: 56 Resp: 322204

Ion Ratio Lower Upper

56 100

69 33.0 26.4 39.6

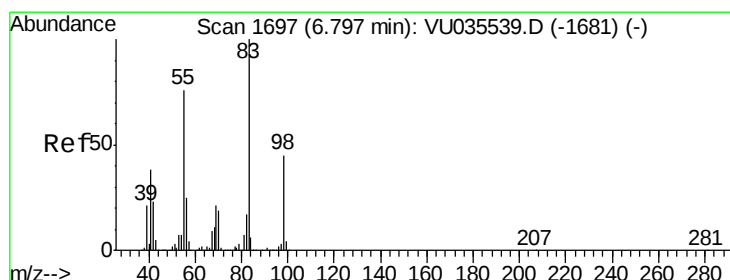
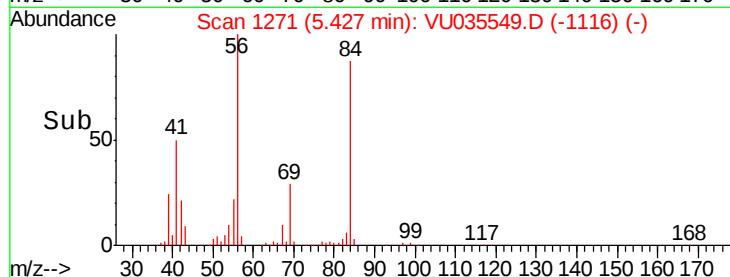
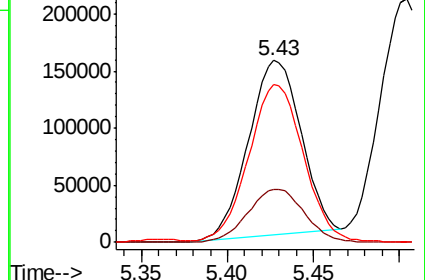
84 93.2 72.9 109.3



Abundance Ion 56.00 (55.70 to 56.70): VU035539.D (-1255) (-)

Ion 69.00 (68.70 to 69.70): VU035539.D (-1255) (-)

Ion 84.00 (83.70 to 84.70): VU035539.D (-1255) (-)



#20

Methylcyclohexane

Concen: 10.240 ug/l

RT: 6.80 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

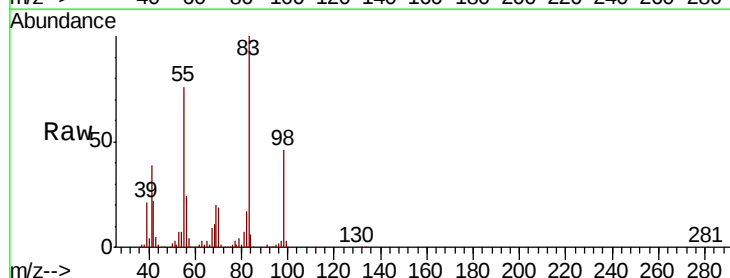
Tgt Ion: 83 Resp: 369941

Ion Ratio Lower Upper

83 100

55 76.9 61.2 91.8

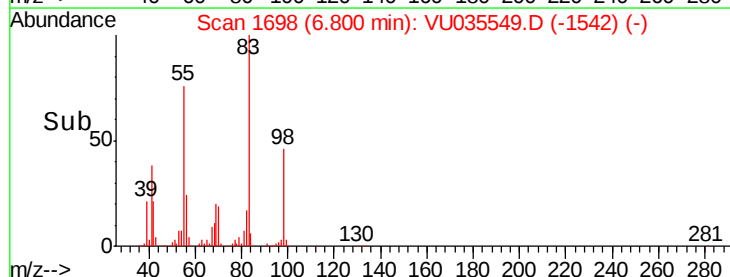
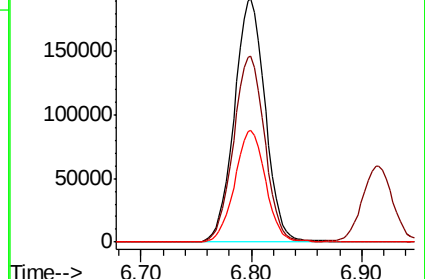
98 46.0 36.7 55.1

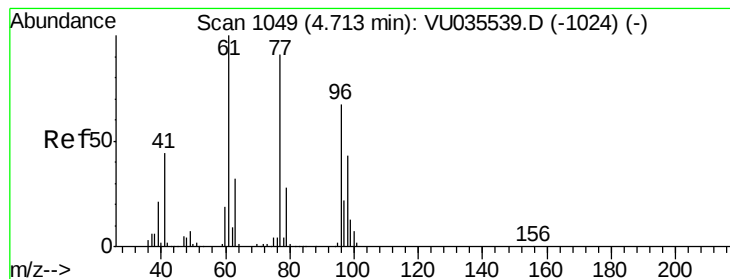


Abundance Ion 83.00 (82.70 to 83.70): VU035539.D (-1681) (-)

Ion 55.00 (54.70 to 55.70): VU035539.D (-1681) (-)

Ion 98.00 (97.70 to 98.70): VU035539.D (-1681) (-)





#21

2,2-Dichloropropane

Concen: 9.472 ug/l

RT: 4.71 min Scan# 1049

Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

Instrument :

MSVOA_U

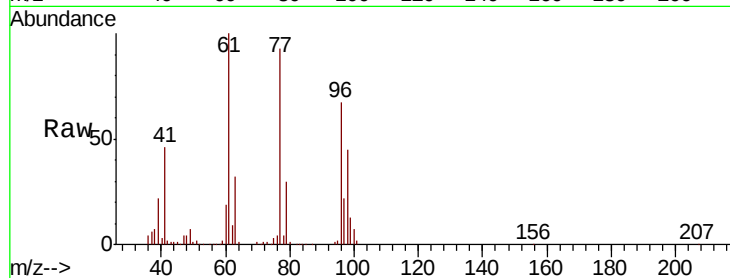
ClientSampled :

Tot Ion: 77 Resp: 363272

Ion Ratio Lower Upper

77 100

97 23.7 18.8 28.2



Abundance Ion 77.00 (76.70 to 77.70): VU035539.D (-1024) (-)

Ion 97.00 (96.70 to 97.70): VU035539.D (-1024) (-)

4.71

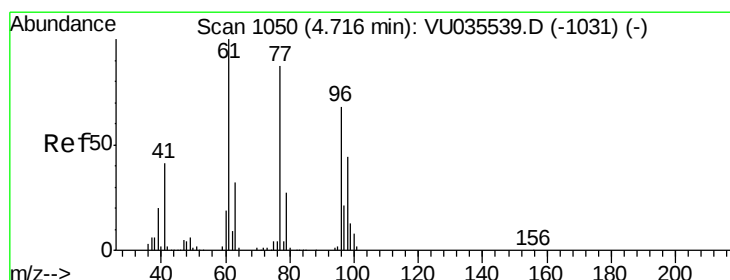
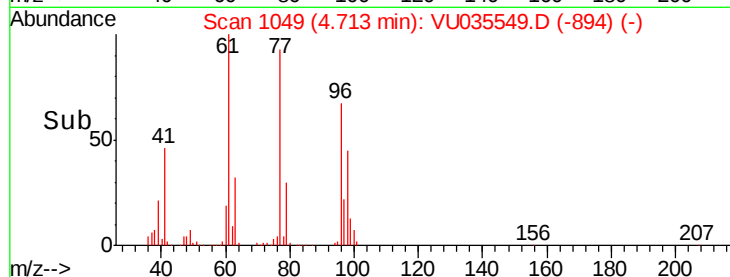
150000

100000

50000

0

Time-->



#22

cis-1,2-Dichloroethene

Concen: 9.791 ug/l

RT: 4.72 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

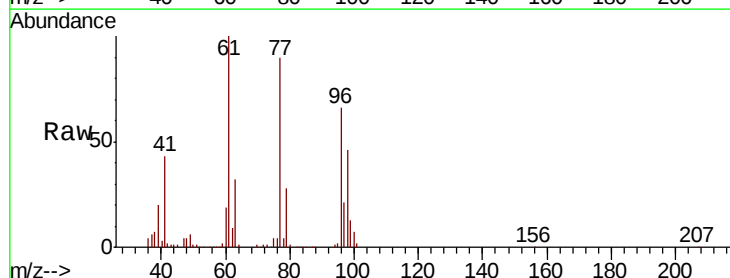
Tgt Ion: 96 Resp: 248575

Ion Ratio Lower Upper

96 100

61 151.8 0.0 370.5

98 66.6 31.8 95.4



Abundance Ion 96.00 (95.70 to 96.70): VU035539.D (-1031) (-)

Ion 61.00 (60.70 to 61.70): VU035539.D (-1031) (-)

Ion 98.00 (97.70 to 98.70): VU035539.D (-1031) (-)

4.72

200000

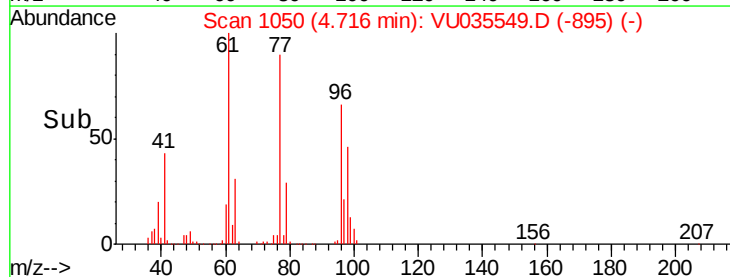
150000

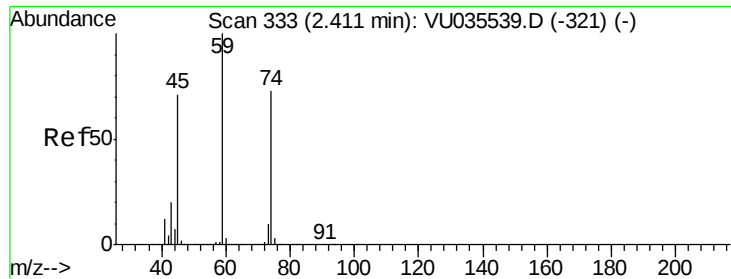
100000

50000

0

Time-->

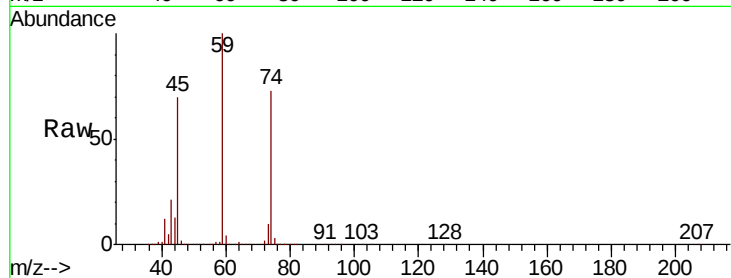




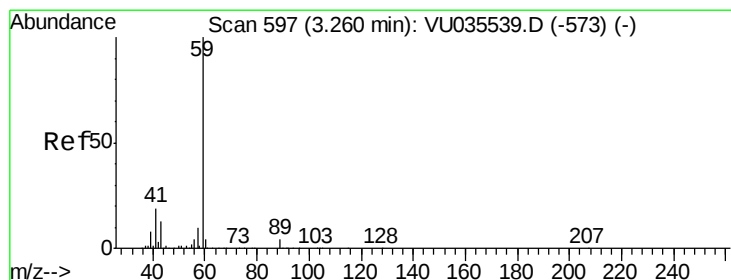
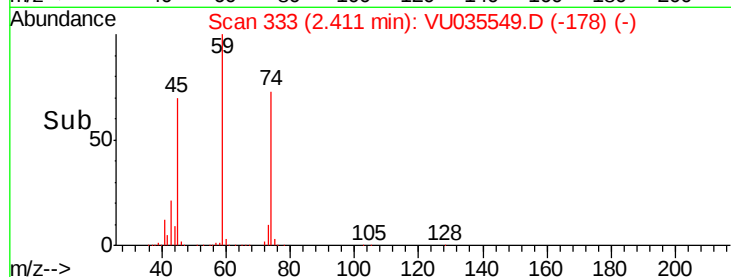
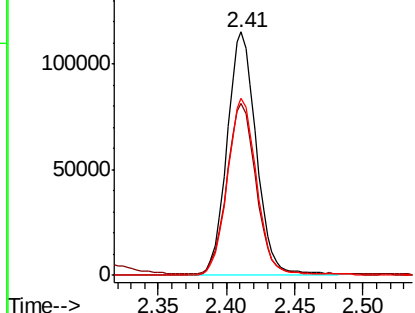
#23
Diethyl Ether
Concen: 9.685 ug/l
RT: 2.41 min Scan# 333
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 59 Resp: 172290
Ion Ratio Lower Upper
59 100
45 69.3 56.9 85.3
74 73.2 59.5 89.3

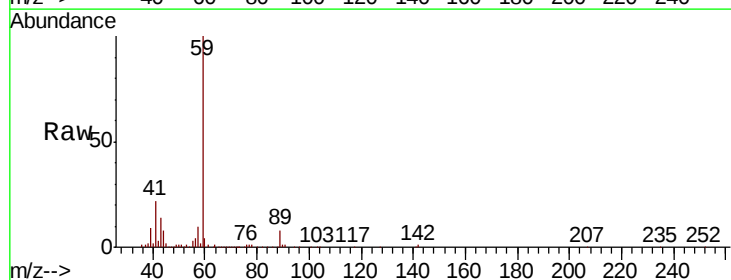


Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 45.00 (44.70 to 45.70): VU0
Ion 74.00 (73.70 to 74.70): VU0

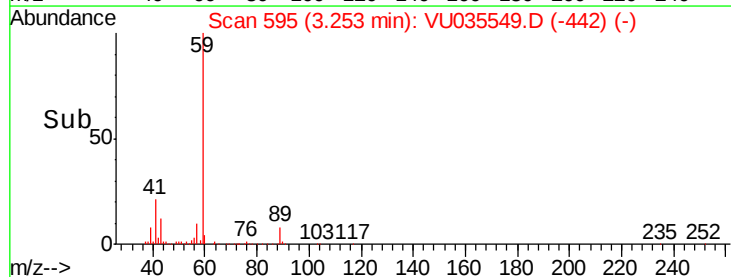
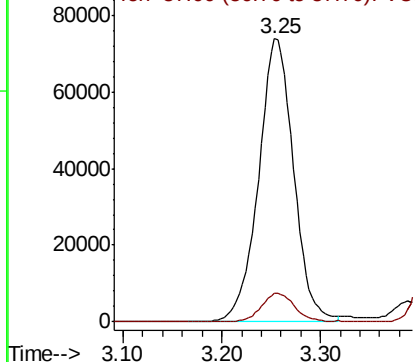


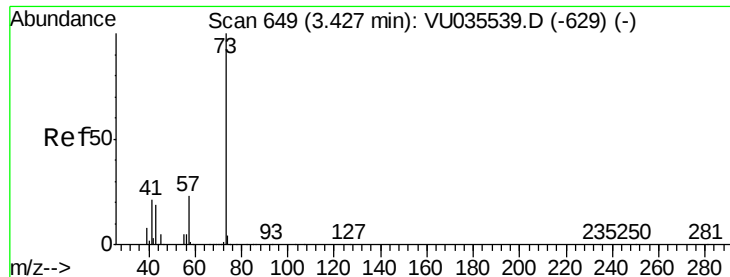
#24
tert-Butyl Alcohol
Concen: 91.373 ug/l
RT: 3.25 min Scan# 595
Delta R.T. -0.01 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Tgt Ion: 59 Resp: 181154
Ion Ratio Lower Upper
59 100
57 9.7 7.4 11.0



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

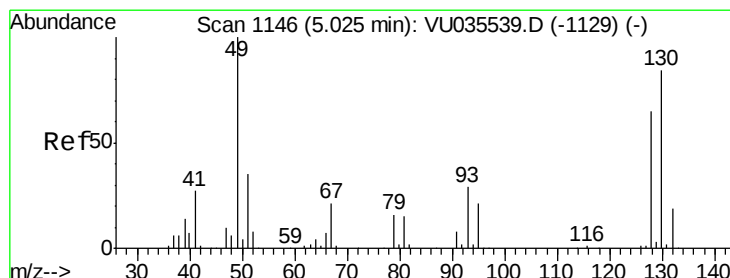
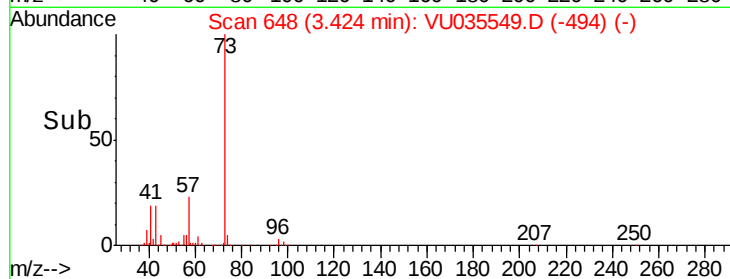
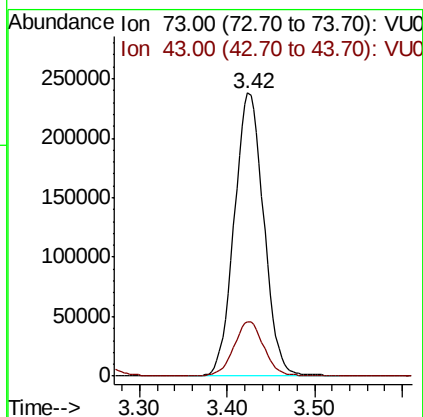
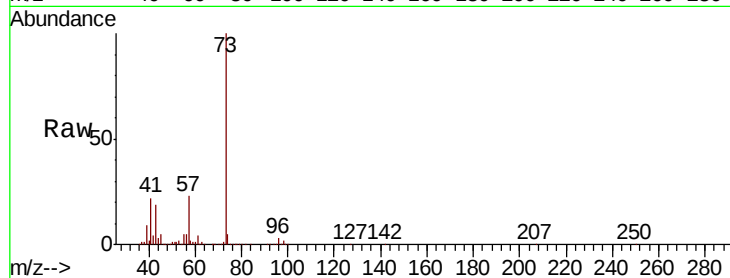




#25
Methvl tert-Butvl Ether
Concen: 9.643 ug/l
RT: 3.42 min Scan# 648
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

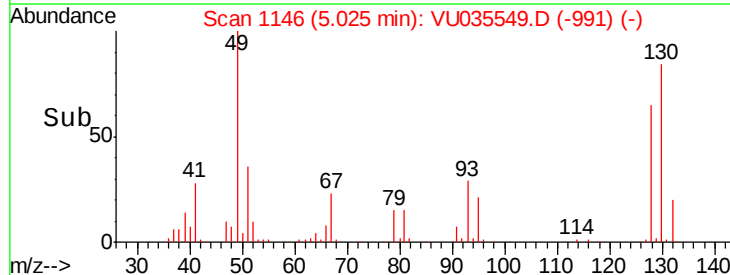
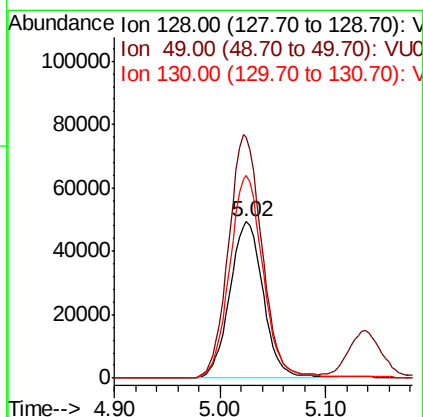
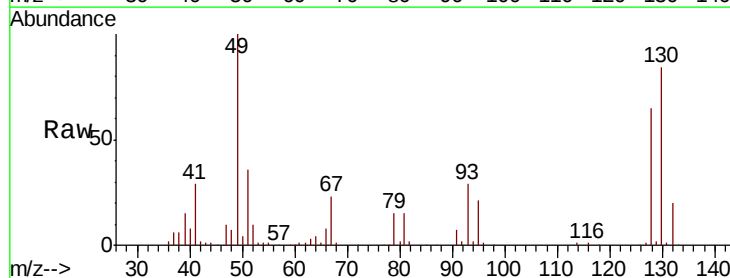
Instrument :
MSVOA_U
ClientSampleId :

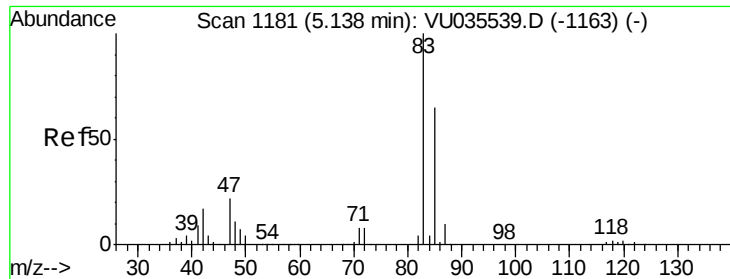
Tot Ion: 73 Resp: 557742
Ion Ratio Lower Upper
73 100
43 19.1 15.4 23.2



#26
Bromochloromethane
Concen: 9.570 ug/l
RT: 5.02 min Scan# 1146
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Tgt Ion: 128 Resp: 108491
Ion Ratio Lower Upper
128 100
49 155.1 0.0 309.0
130 128.8 101.8 152.8

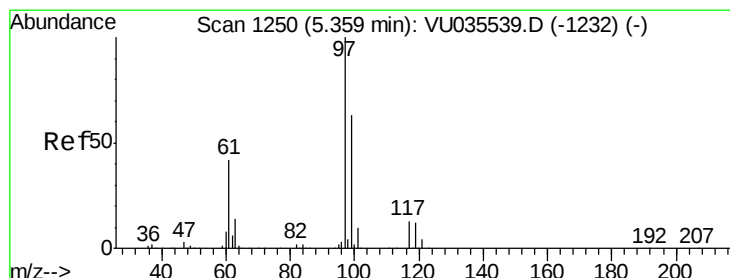
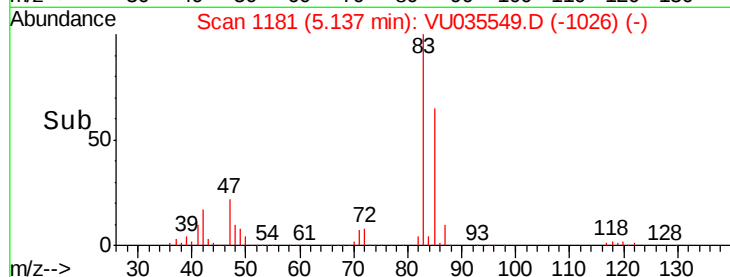
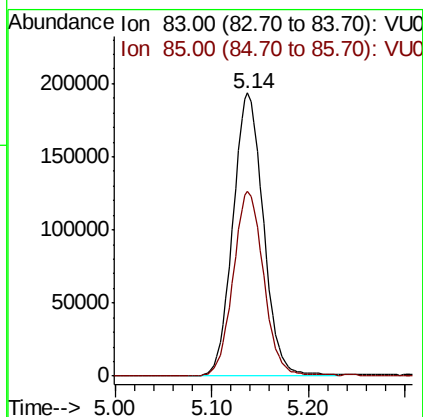
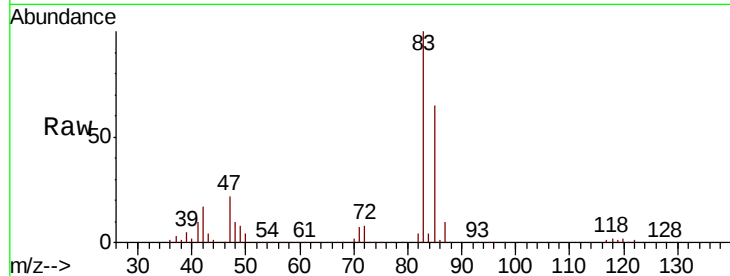




#27
Chloroform
Concen: 8.933 ug/l
RT: 5.14 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

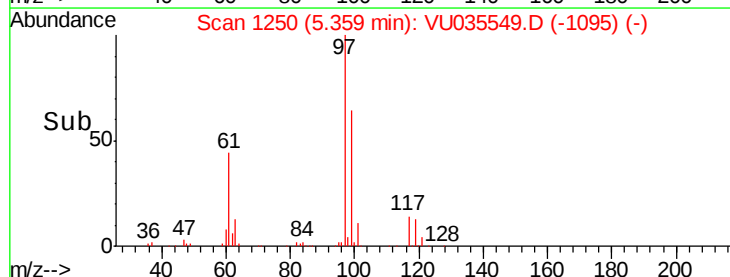
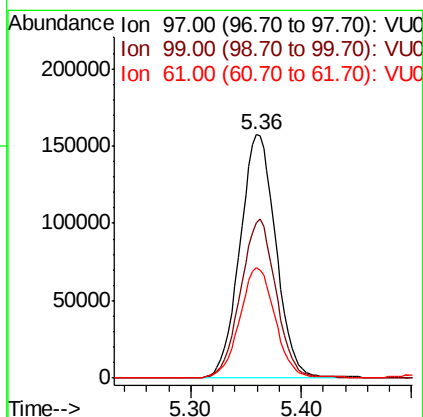
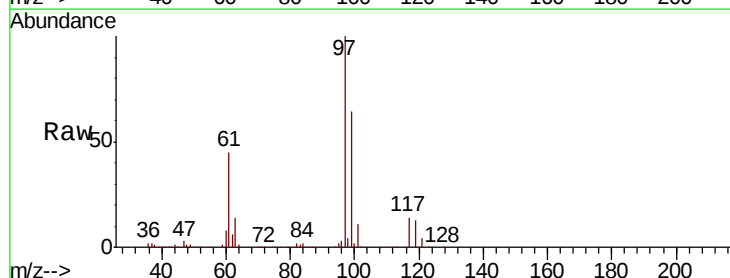
Instrument :
MSVOA_U
ClientSampleId :

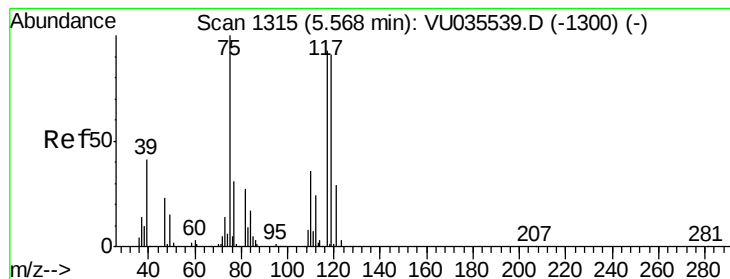
Tot Ion: 83 Resp: 424142
Ion Ratio Lower Upper
83 100
85 65.3 0.0 130.6



#28
1,1,1-Trichloroethane
Concen: 9.431 ug/l
RT: 5.36 min Scan# 1250
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Tgt Ion: 97 Resp: 354777
Ion Ratio Lower Upper
97 100
99 64.5 32.6 97.7
61 44.4 21.8 65.4





#29

1,1-Dichloropropene

Concen: 10.173 ug/l

RT: 5.57 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

Instrument :
MSVOA_U
ClientSampleId :

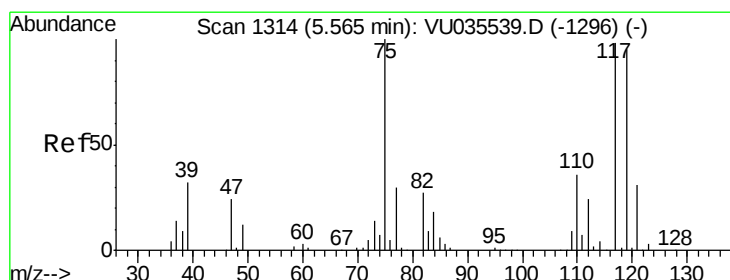
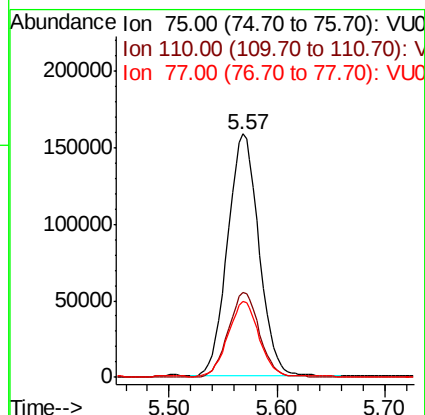
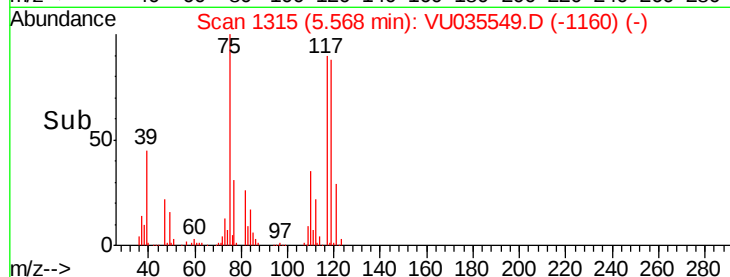
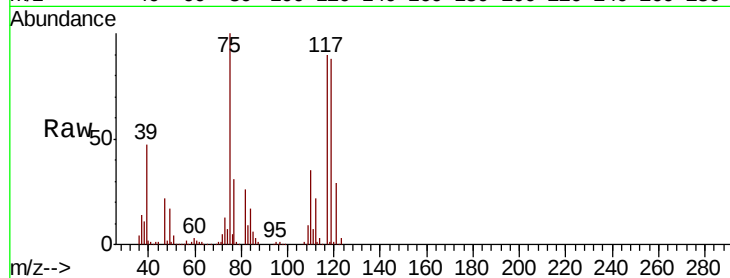
Tot Ion: 75 Resp: 320913

Ion Ratio Lower Upper

75 100

110 34.9 18.3 54.8

77 30.5 24.6 37.0



#30

Carbon Tetrachloride

Concen: 9.617 ug/l

RT: 5.57 min Scan# 1314

Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

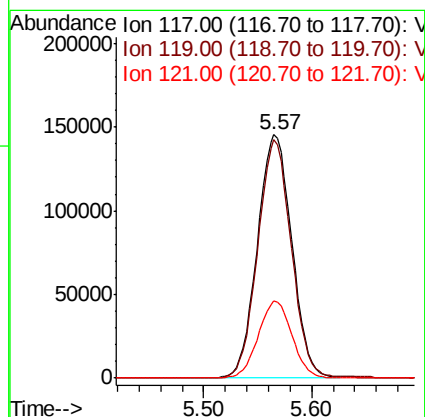
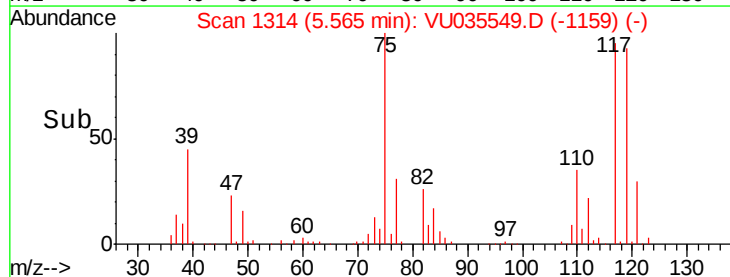
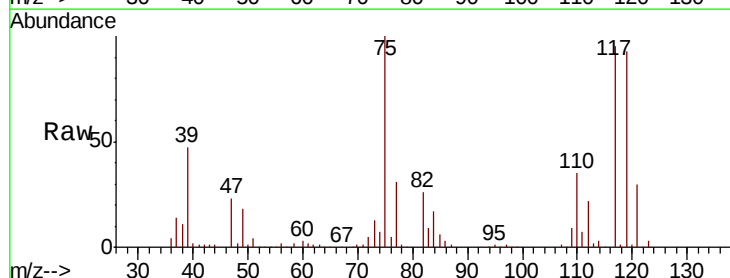
Tgt Ion: 117 Resp: 321784

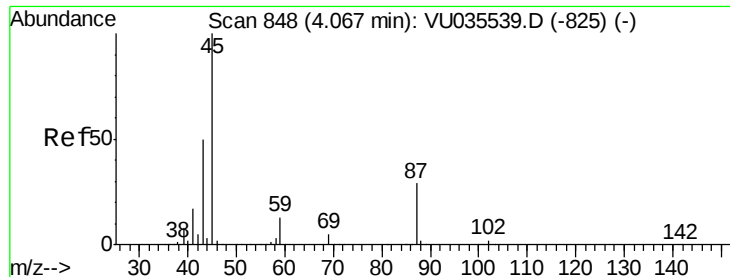
Ion Ratio Lower Upper

117 100

119 97.7 77.3 115.9

121 31.6 25.2 37.8





#31

Isopropyl Ether

Concen: 10.010 ug/l

RT: 4.06 min Scan# 847

Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

Instrument :

MSVOA_U

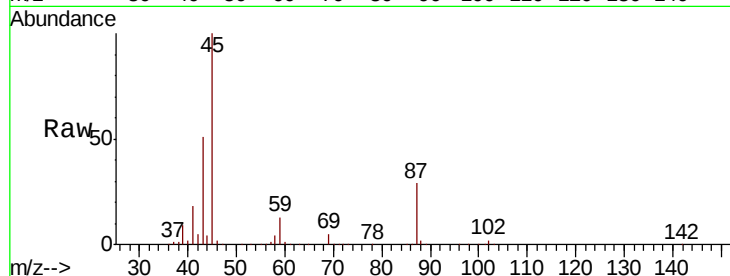
ClientSampled :

Tot Ion: 45 Resp: 621264

Ion Ratio Lower Upper

45 100

43 51.2 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) (-)

4.06

250000

200000

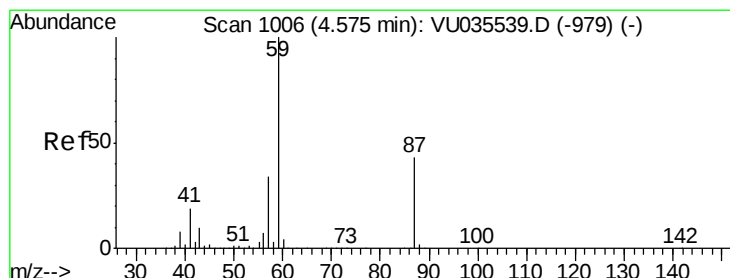
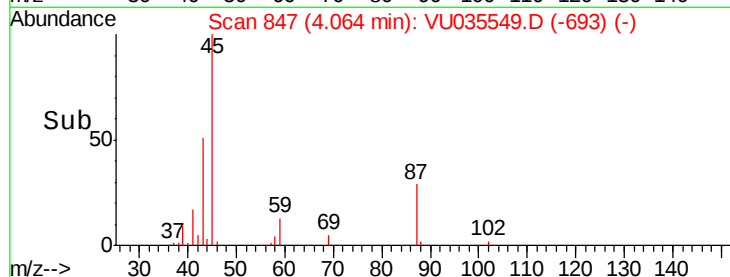
150000

100000

50000

0

Time-->



#32

Ethyl-t-butyl ether

Concen: 10.255 ug/l

RT: 4.57 min Scan# 1005

Delta R.T. -0.00 min

Lab File: VU035549.D

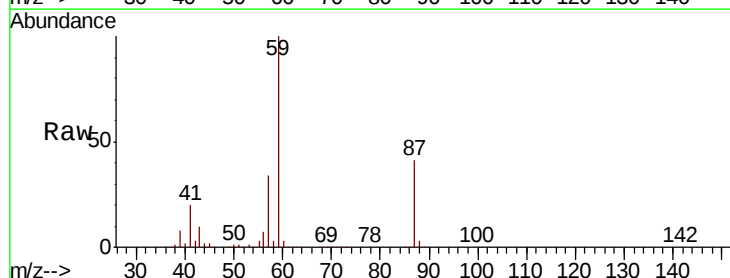
Acq: 30 Oct 2019 08:17

Tgt Ion: 59 Resp: 589257

Ion Ratio Lower Upper

59 100

87 41.7 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) (-)

4.57

250000

200000

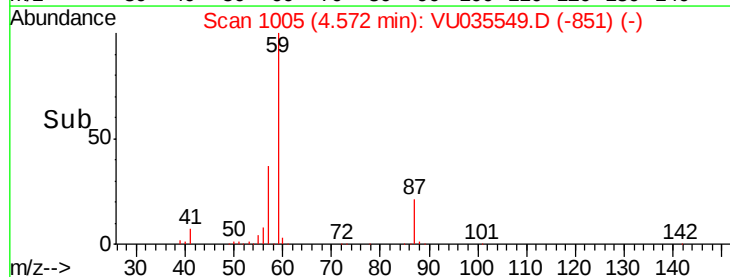
150000

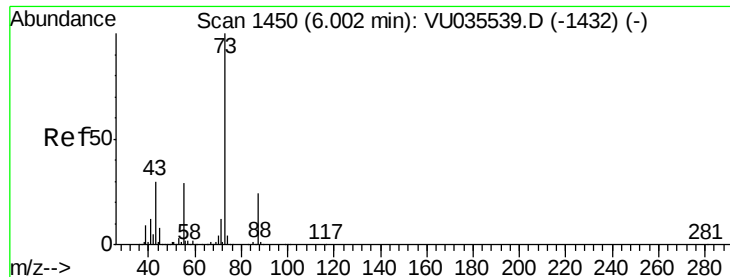
100000

50000

0

Time-->



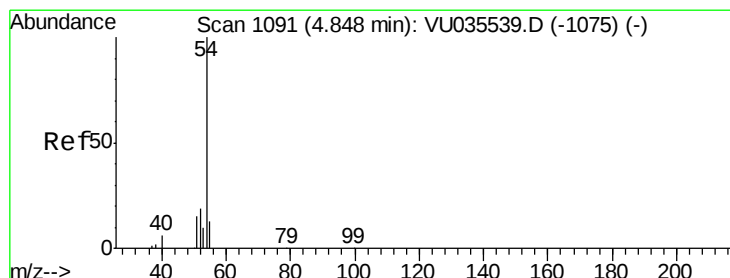
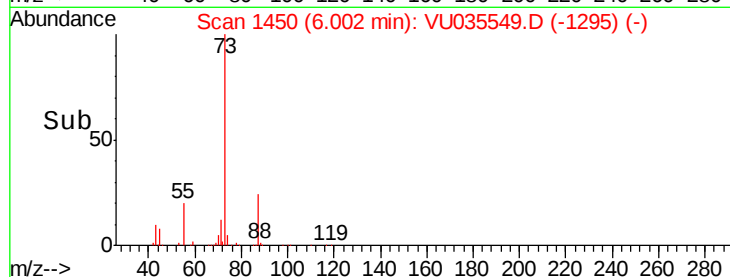
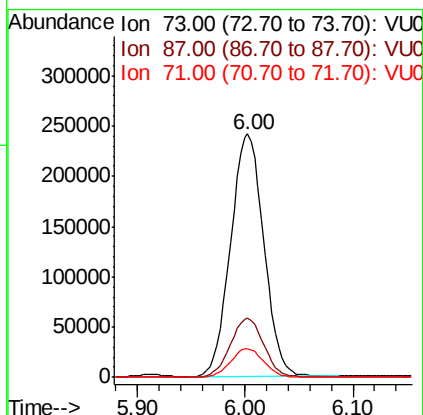
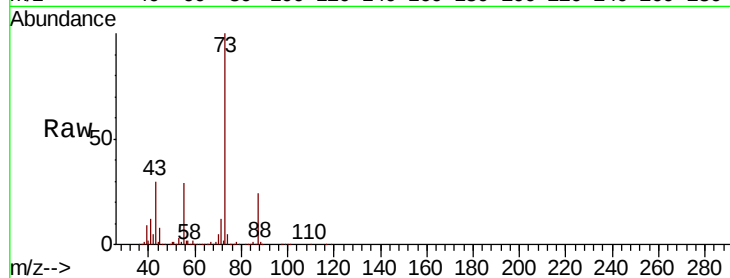


#33

Tert-Butyl methyl ether
 Concen: 10.475 ug/l
 RT: 6.00 min Scan# 1450
 Delta R.T. -0.00 min
 Lab File: VU035549.D
 Acq: 30 Oct 2019 08:17

Instrument :
 MSVOA_U
 ClientSampleId :

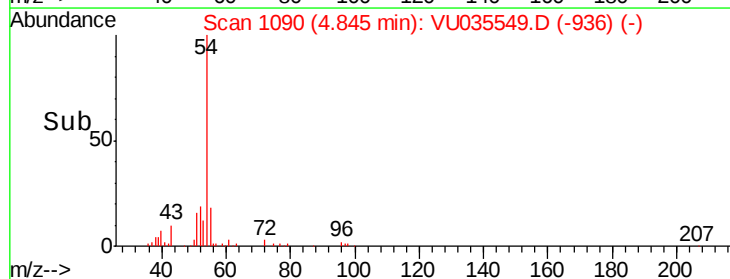
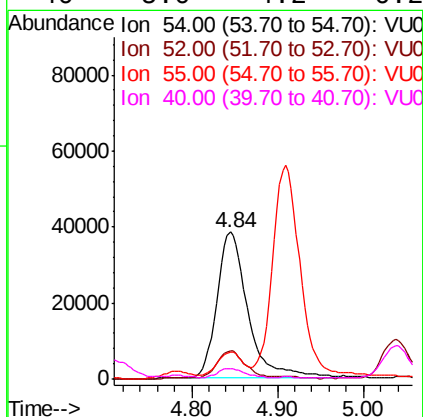
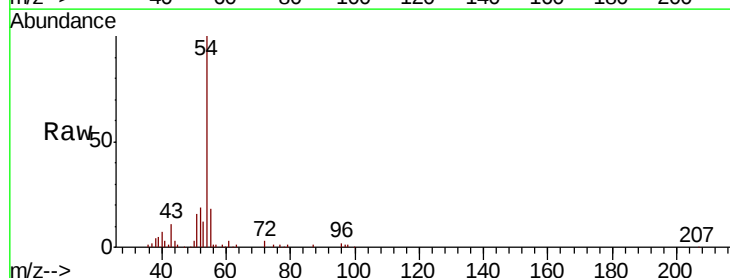
Tot Ion	Ratio	Lower	Upper
73	100		
87	24.4	19.5	29.3
71	11.8	9.4	14.2

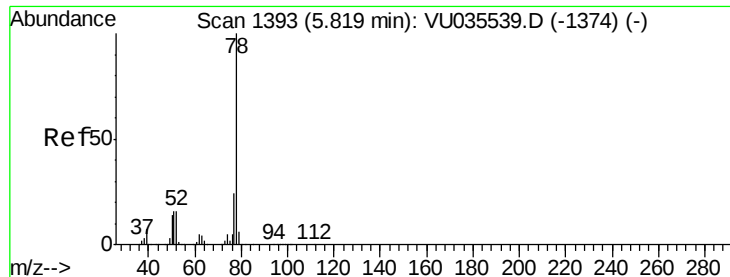


#34

Propionitrile
 Concen: 48.564 ug/l
 RT: 4.84 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VU035549.D
 Acq: 30 Oct 2019 08:17

Tgt Ion	Ratio	Lower	Upper
54	100		
52	17.0	14.6	21.8
55	14.9	11.7	17.5
40	5.0	4.2	6.2





#35

Benzene

Concen: 9.741 ug/l

RT: 5.82 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

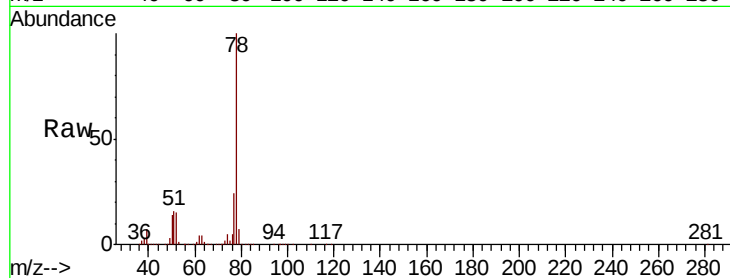
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 78 Resp: 937654

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): VU035539.D (-1374) (-)

5.82

500000

400000

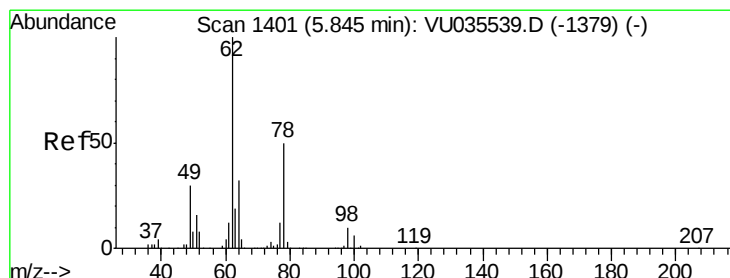
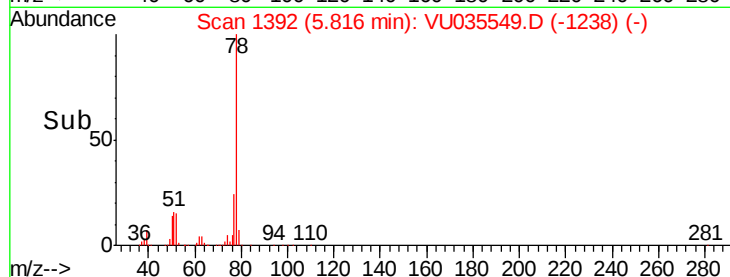
300000

200000

100000

0

Time-->



#36

1,2-Dichloroethane

Concen: 9.491 ug/l

RT: 5.84 min Scan# 1400

Delta R.T. -0.00 min

Lab File: VU035549.D

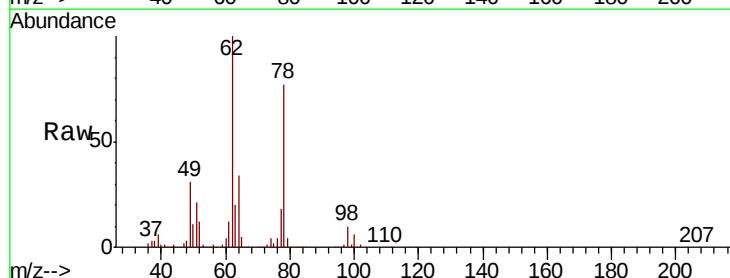
Acq: 30 Oct 2019 08:17

Tgt Ion: 62 Resp: 261751

Ion Ratio Lower Upper

62 100

98 9.8 7.5 11.3



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

Ion 98.00 (97.70 to 98.70): VU035539.D (-1379) (-)

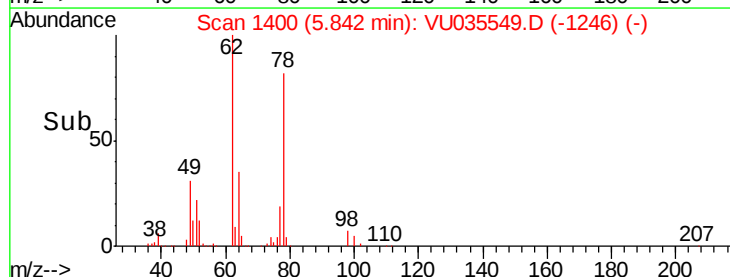
5.84

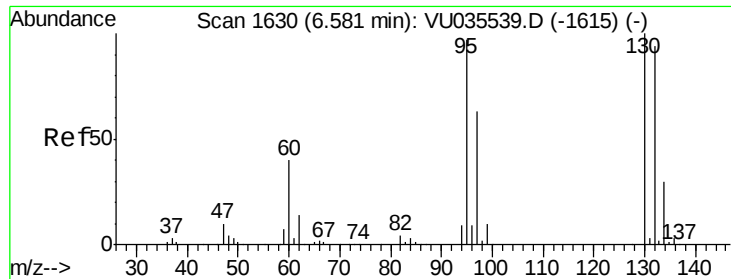
100000

50000

0

Time-->

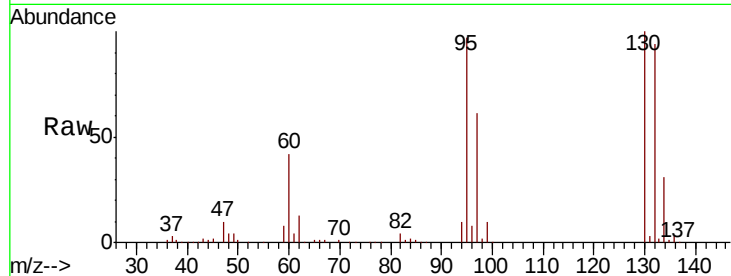




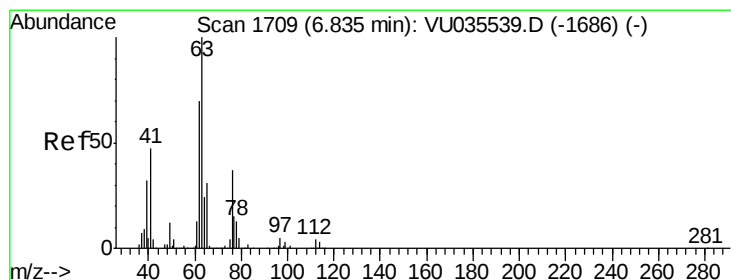
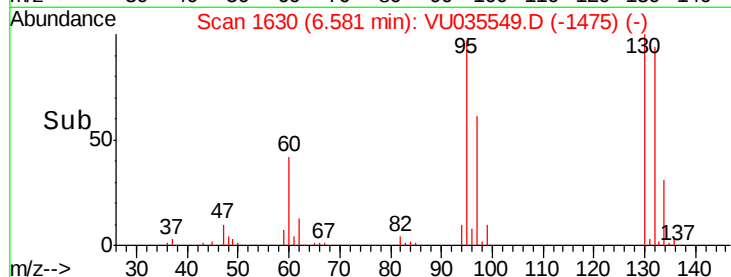
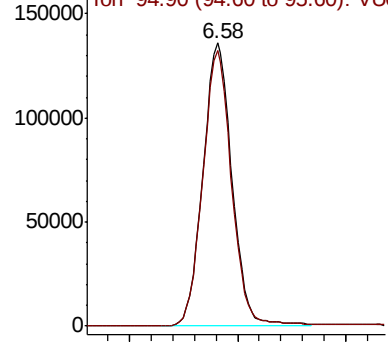
#37
 Trichloroethene
 Concen: 9.586 ug/l
 RT: 6.58 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: VU035549.D
 Acq: 30 Oct 2019 08:17

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:130 Resp: 256324
 Ion Ratio Lower Upper
 130 100
 95 97.4 77.5 116.3

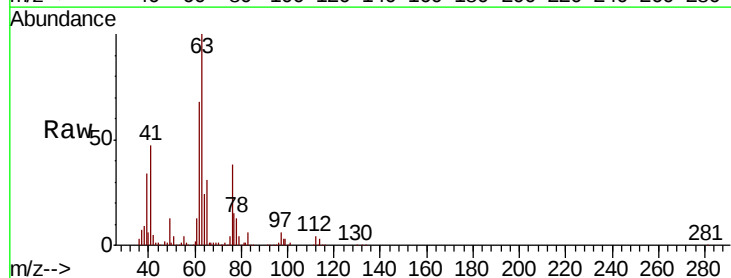


Abundance Ion 129.90 (129.60 to 130.60): VU035539.D (-1615) (-)
 Ion 94.90 (94.60 to 95.60): VU035539.D (-1615) (-)

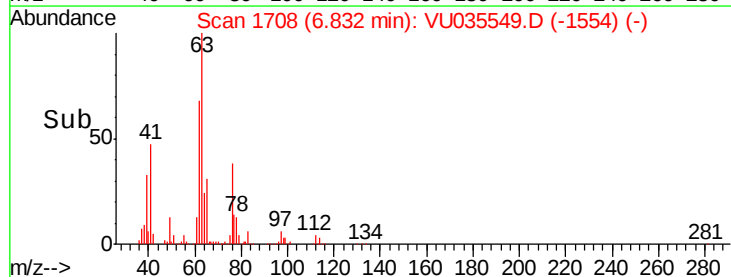
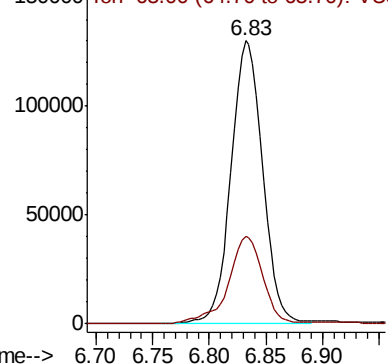


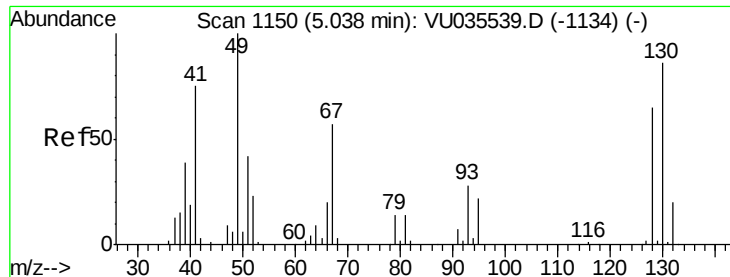
#38
 1,2-Dichloropropane
 Concen: 9.615 ug/l
 RT: 6.83 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: VU035549.D
 Acq: 30 Oct 2019 08:17

Tgt Ion: 63 Resp: 253797
 Ion Ratio Lower Upper
 63 100
 65 30.8 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) (-)

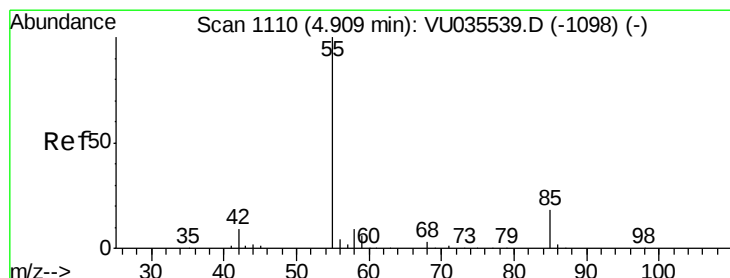
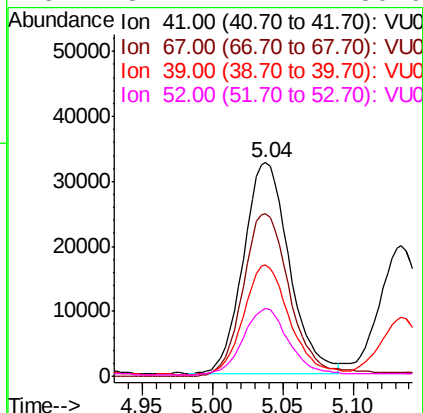
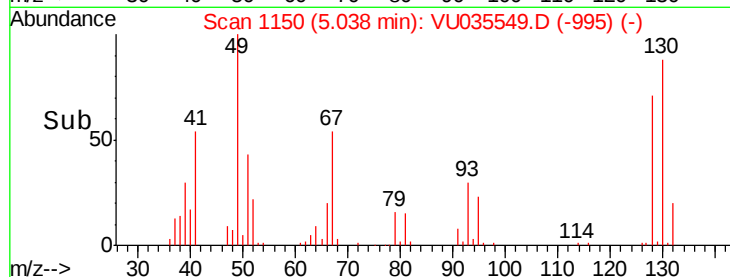
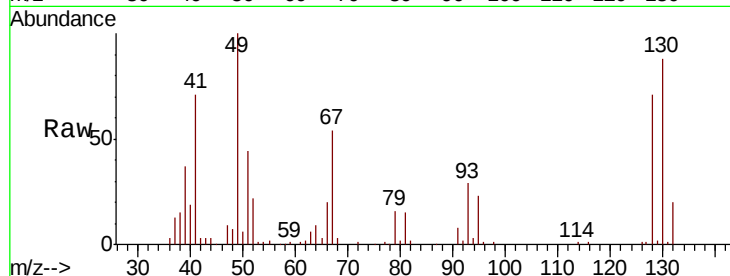




#39
Methacrylonitrile
Concen: 9.978 ug/l
RT: 5.04 min Scan# 1150
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

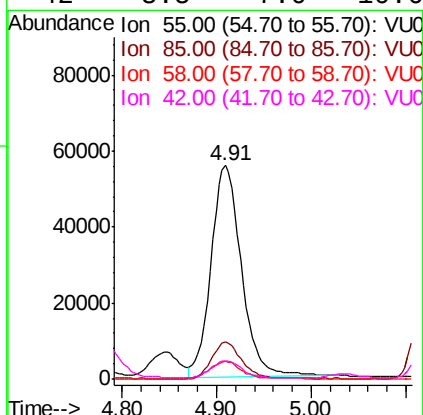
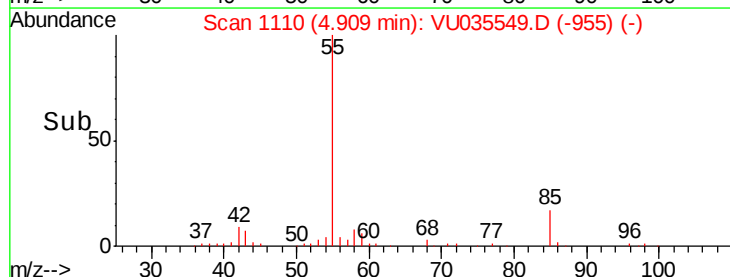
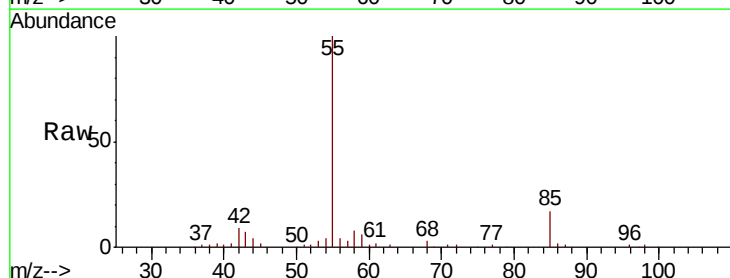
Instrument :
MSVOA_U
ClientSampled :

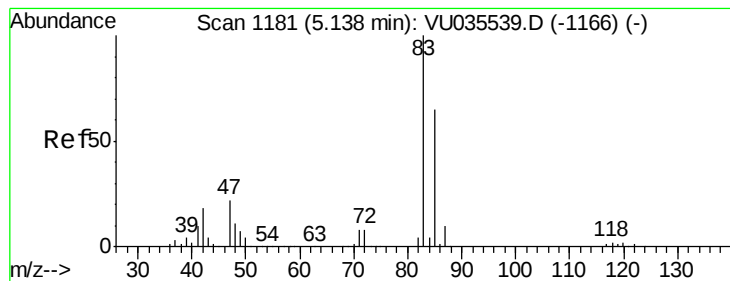
Tot Ion: 41 Resp: 73918
Ion Ratio Lower Upper
41 100
67 80.0 61.5 92.3
39 52.6 41.3 61.9
52 31.4 24.4 36.6



#40
Methyl acrylate
Concen: 11.067 ug/l
RT: 4.91 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Tgt Ion: 55 Resp: 124834
Ion Ratio Lower Upper
55 100
85 17.3 13.5 20.3
58 8.6 6.6 10.0
42 8.5 7.0 10.6





#41

Tetrahydrofuran

Concen: 19.649 ug/l

RT: 5.13 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

Instrument :

MSVOA_U

ClientSampleId :

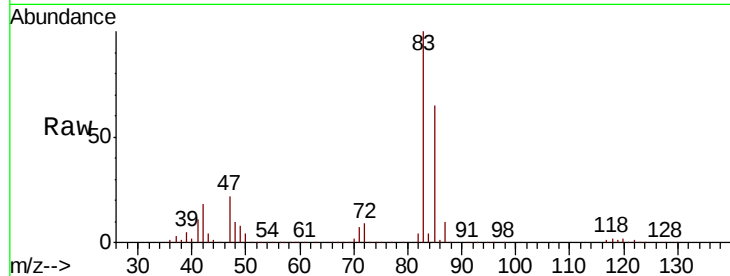
Tot Ion: 42 Resp: 74836

Ion Ratio Lower Upper

42 100

72 52.0 89.9 134.9#

71 43.7 3.7 5.5#

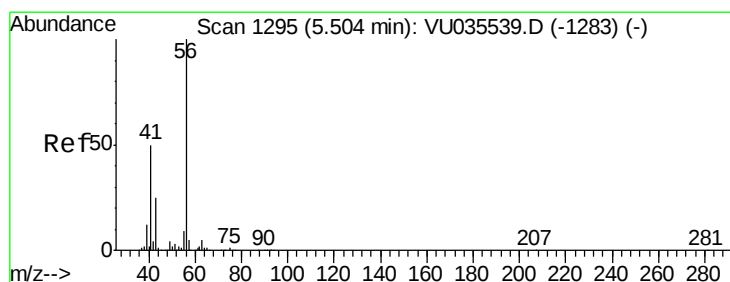
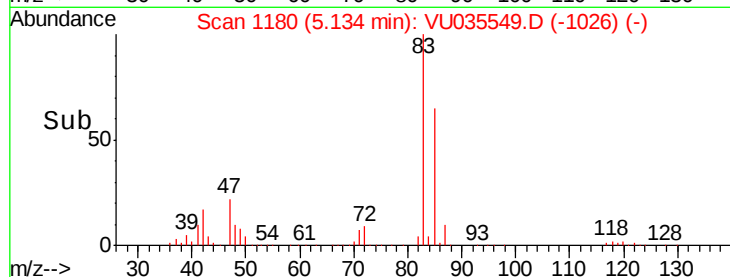


Abundance Ion 42.00 (41.70 to 42.70): VU035539.D (-1166) (-)

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

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

Time-->



#42

1-Chlorobutane

Concen: 10.113 ug/l

RT: 5.50 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VU035549.D

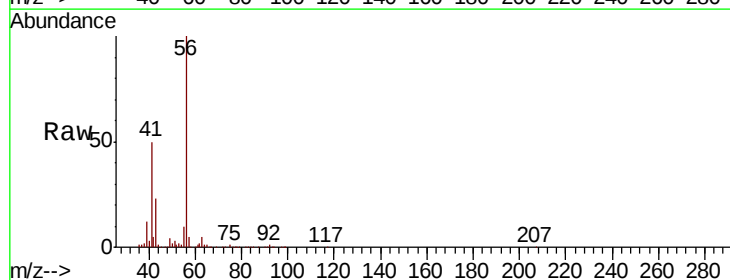
Acq: 30 Oct 2019 08:17

Tgt Ion: 56 Resp: 438900

Ion Ratio Lower Upper

56 100

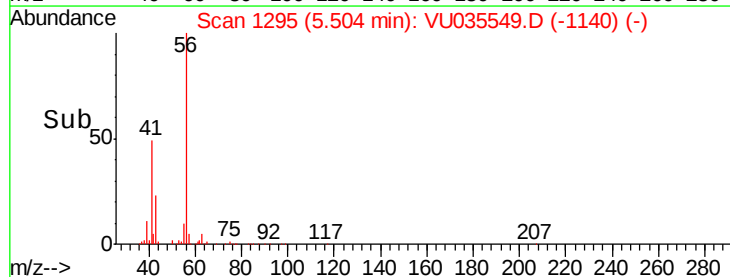
41 50.9 25.5 76.5

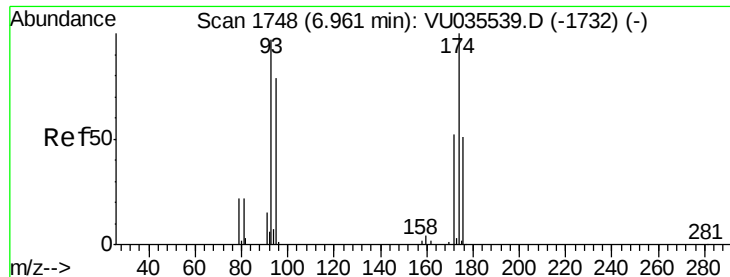


Abundance Ion 56.00 (55.70 to 56.70): VU035539.D (-1283) (-)

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

Time-->





#43

Dibromomethane

Concen: 9.508 ug/l

RT: 6.96 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

Instrument :
MSVOA_U
ClientSampleId :

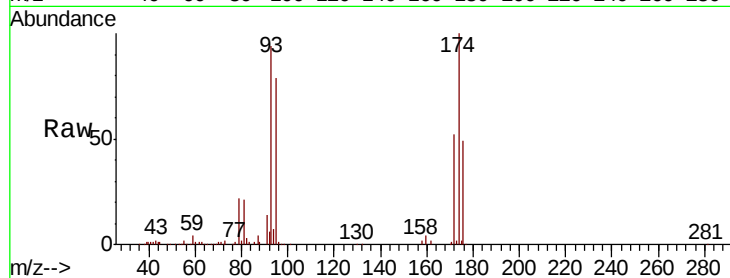
Tot Ion: 93 Resp: 125367

Ion Ratio Lower Upper

93 100

95 83.5 65.1 97.7

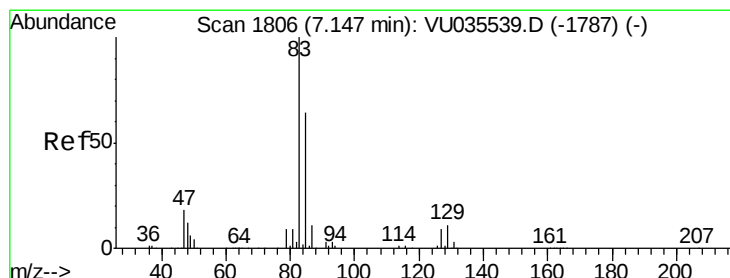
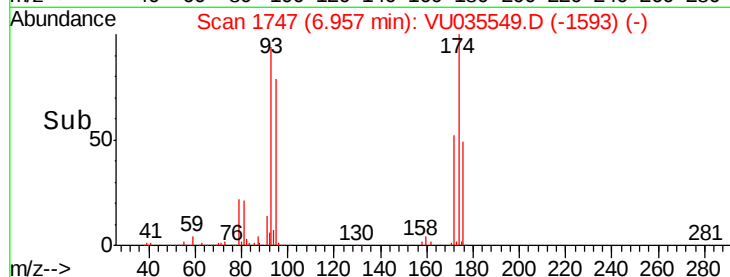
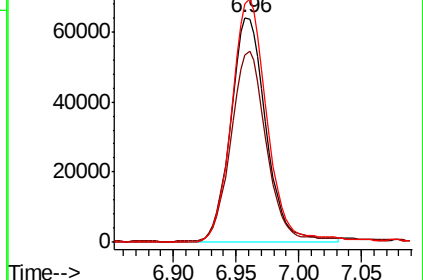
174 109.4 84.2 126.4



Abundance Ion 93.00 (92.70 to 93.70): VU035539.D (-1732) (-)

Ion 95.00 (94.70 to 95.70): VU035539.D (-1732) (-)

Ion 174.00 (173.70 to 174.70): VU035539.D (-1732) (-)



#44

Bromodichloromethane

Concen: 9.454 ug/l

RT: 7.15 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

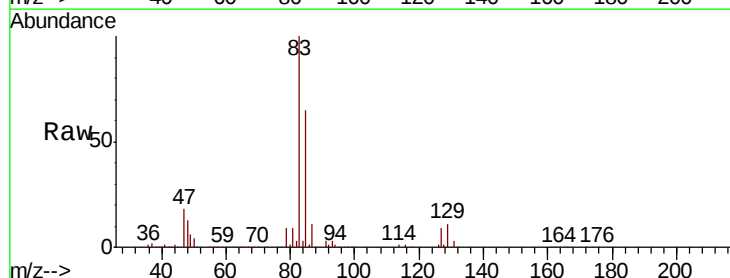
Tgt Ion: 83 Resp: 310626

Ion Ratio Lower Upper

83 100

85 64.7 51.6 77.4

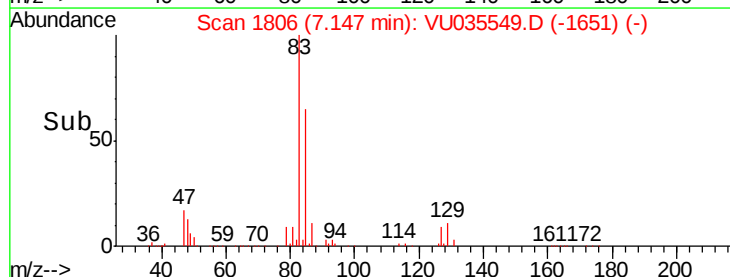
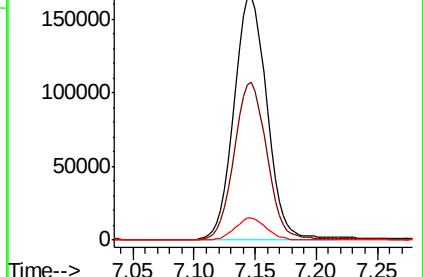
127 9.2 7.0 10.4

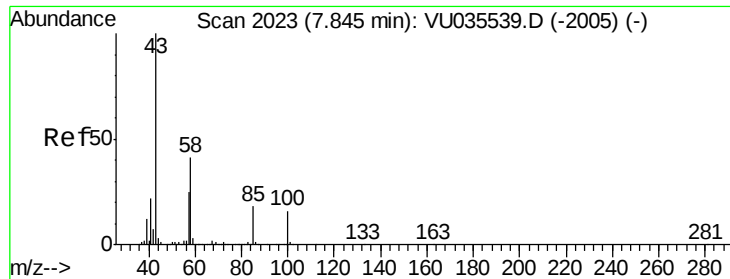


Abundance Ion 83.00 (82.70 to 83.70): VU035539.D (-1787) (-)

Ion 85.00 (84.70 to 85.70): VU035539.D (-1787) (-)

Ion 127.00 (126.70 to 127.70): VU035539.D (-1787) (-)

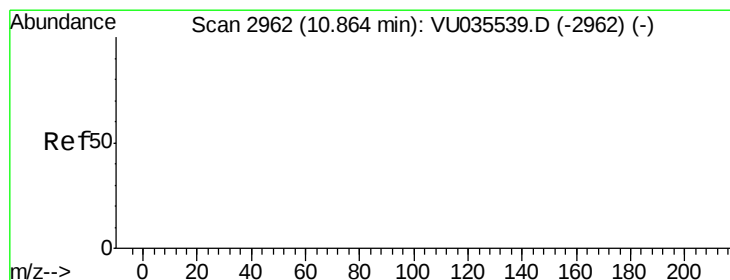
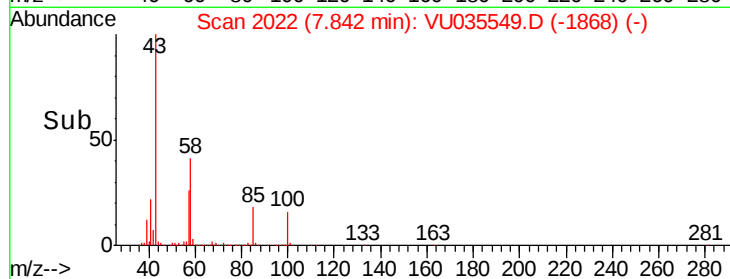
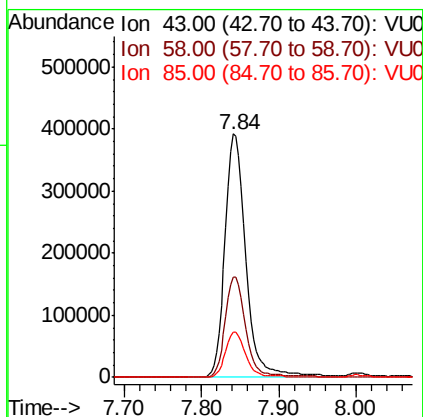
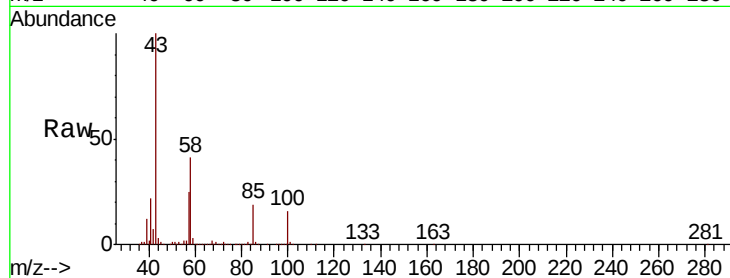




#45
4-Methyl-2-Pentanone
Concen: 52.564 ug/l
RT: 7.84 min Scan# 2022
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

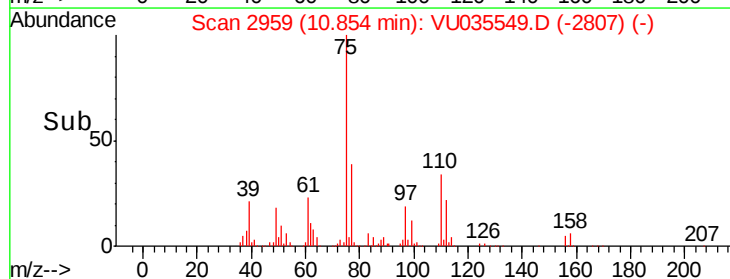
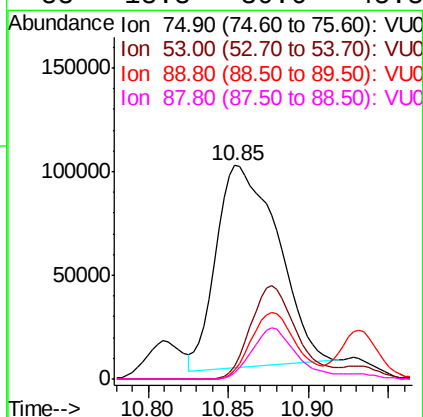
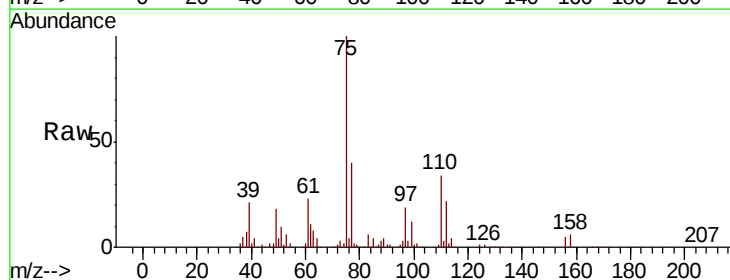
Instrument :
MSVOA_U
ClientSampled :

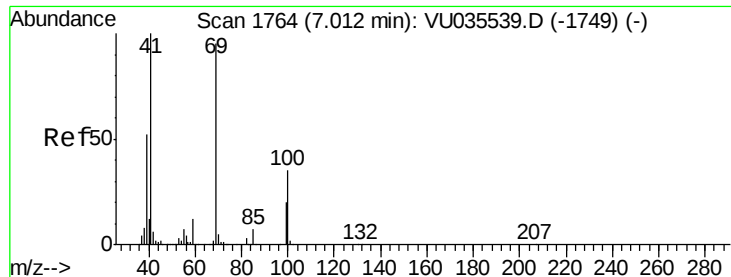
Tot Ion	Ratio	Lower	Upper
43	100		
58	40.8	20.6	61.8
85	18.0	14.5	21.7



#46
t-1,4-Dichloro-2-butene
Concen: 50.565 ug/l
RT: 10.85 min Scan# 2959
Delta R.T. -0.01 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Tgt Ion	Ratio	Lower	Upper
75	100		
53	34.6	54.1	81.1#
89	24.3	38.2	57.4#
88	18.3	30.6	45.8#

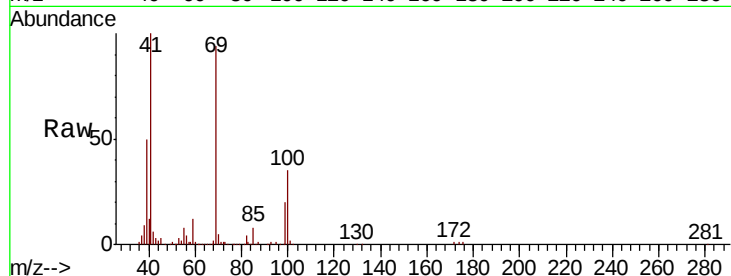




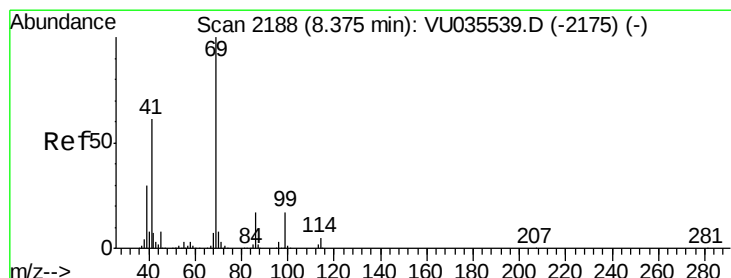
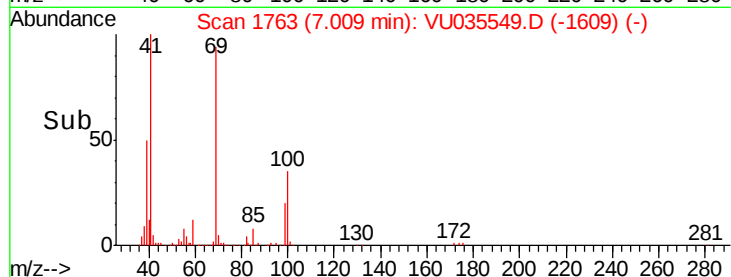
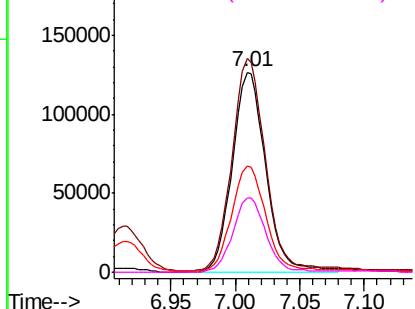
#47
Methyl methacrylate
Concen: 20.865 ug/l
RT: 7.01 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 69 Resp: 227855
Ion Ratio Lower Upper
69 100
41 107.1 0.0 216.8
39 53.8 45.1 67.7
100 36.8 29.8 44.6

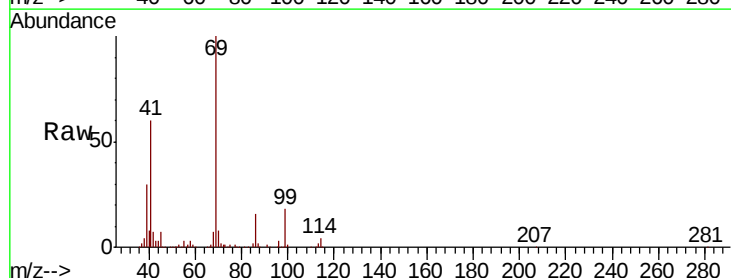


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

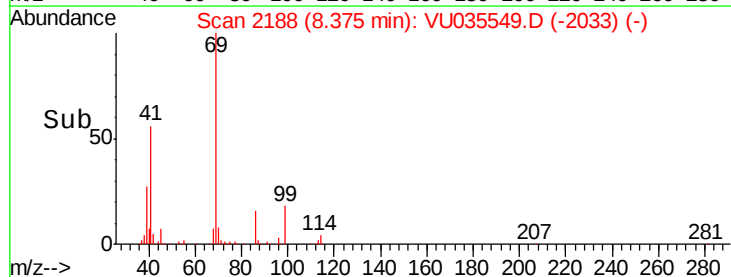
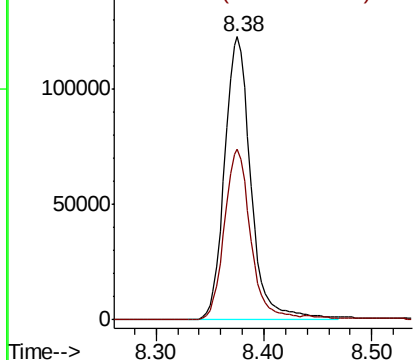


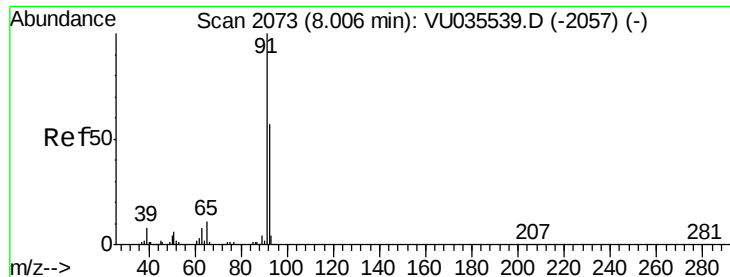
#48
Ethyl methacrylate
Concen: 10.989 ug/l
RT: 8.38 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Tgt Ion: 69 Resp: 209693
Ion Ratio Lower Upper
69 100
41 59.4 30.4 91.2



Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0





#49

Toluene

Concen: 10.535 ug/l

RT: 8.00 min Scan# 2072

Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

Instrument :

MSVOA_U

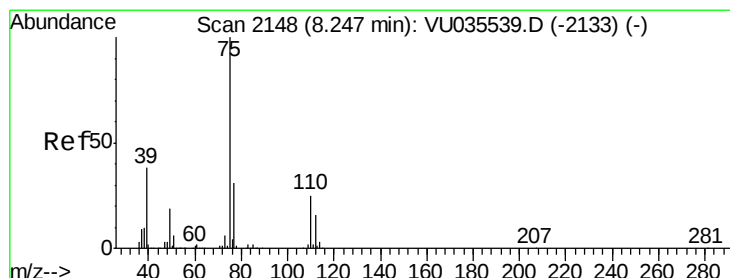
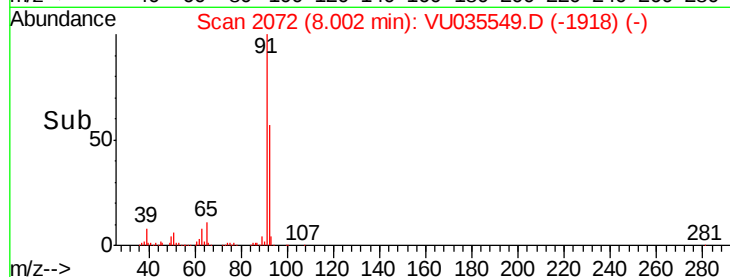
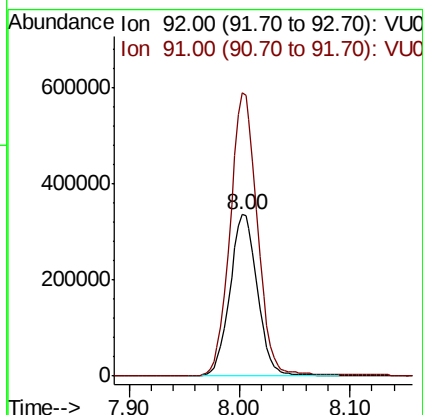
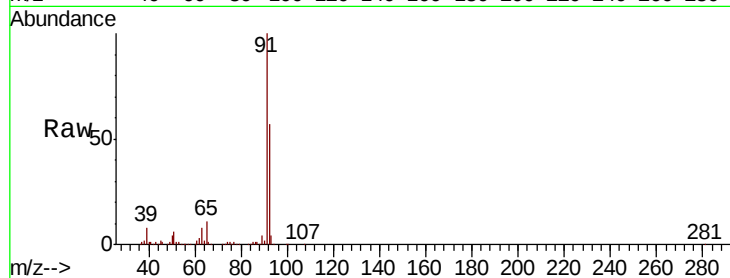
ClientSampleId :

Tot Ion: 92 Resp: 583219

Ion Ratio Lower Upper

92 100

91 173.7 141.4 212.0



#50

t-1,3-Dichloropropene

Concen: 10.246 ug/l

RT: 8.25 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VU035549.D

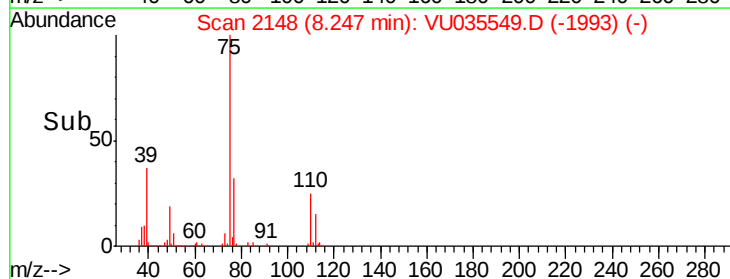
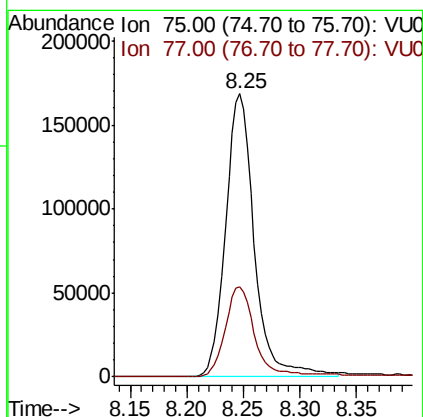
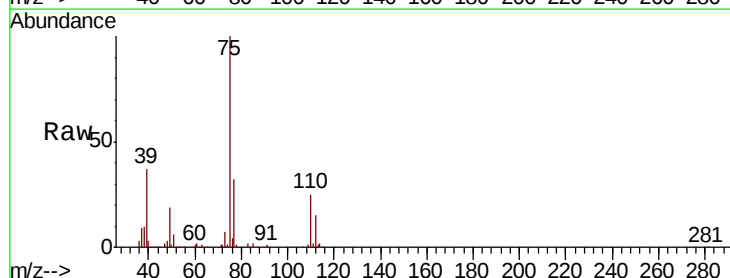
Acq: 30 Oct 2019 08:17

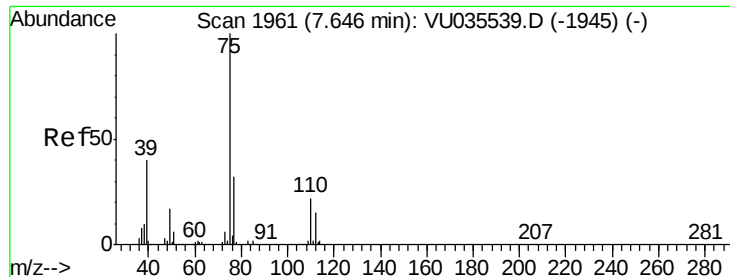
Tgt Ion: 75 Resp: 298116

Ion Ratio Lower Upper

75 100

77 31.6 25.2 37.8



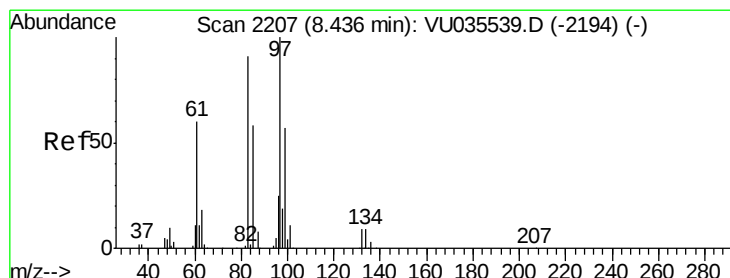
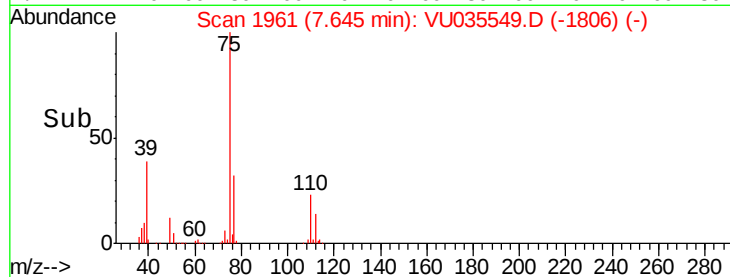
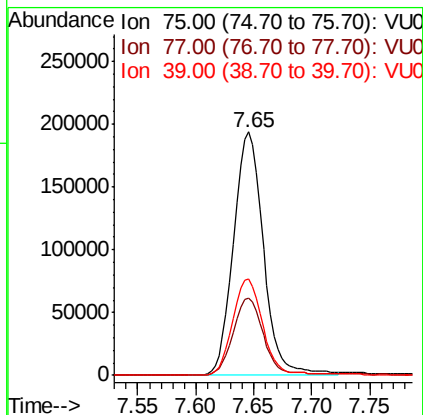
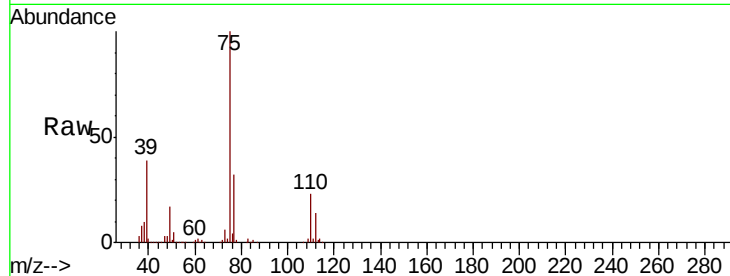


#51

cis-1,3-Dichloropropene
Concen: 10.077 ug/l
RT: 7.65 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Instrument :
MSVOA_U
ClientSampleId :

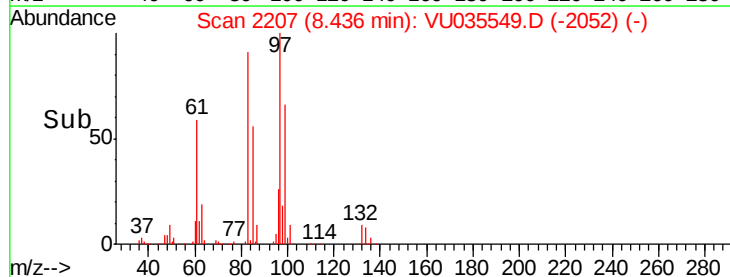
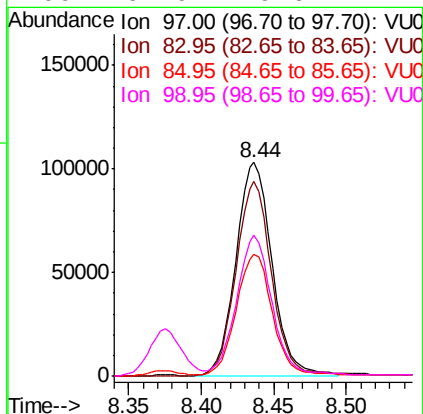
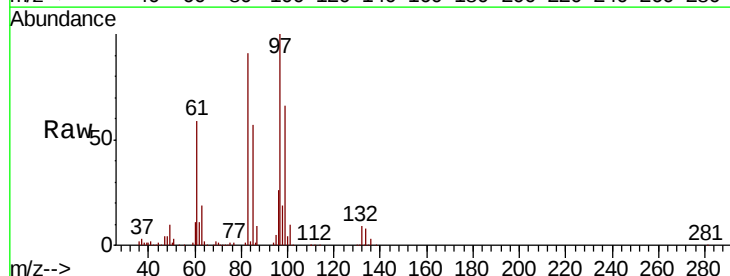
Tot Ion	75	Resp	347851
Ion Ratio	Lower	Upper	
75	100		
77	31.7	25.2	37.8
39	39.3	32.1	48.1

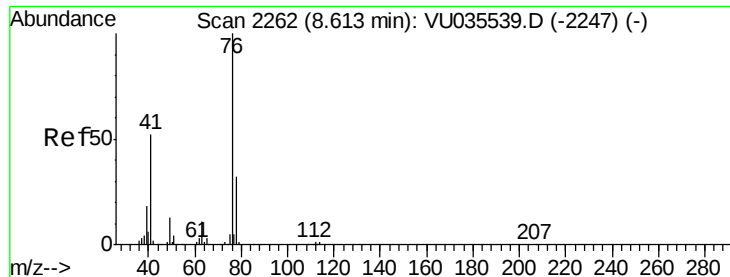


#52

1,1,2-Trichloroethane
Concen: 9.632 ug/l
RT: 8.44 min Scan# 2207
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Tgt Ion	97	Resp	177994
Ion Ratio	Lower	Upper	
97	100		
83	91.2	72.6	108.8
85	56.5	46.4	69.6
99	64.9	49.6	74.4

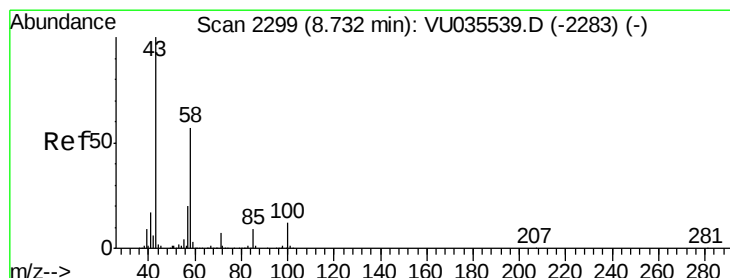
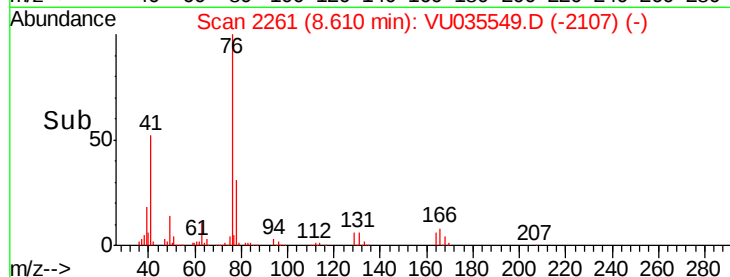
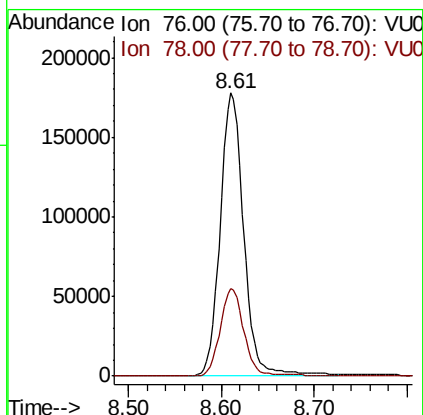
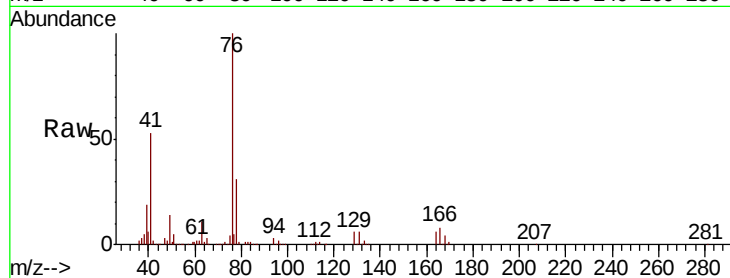




#53
 1,3-Dichloropropane
 Concen: 10.048 ug/l
 RT: 8.61 min Scan# 2261
 Delta R.T. -0.00 min
 Lab File: VU035549.D
 Acq: 30 Oct 2019 08:17

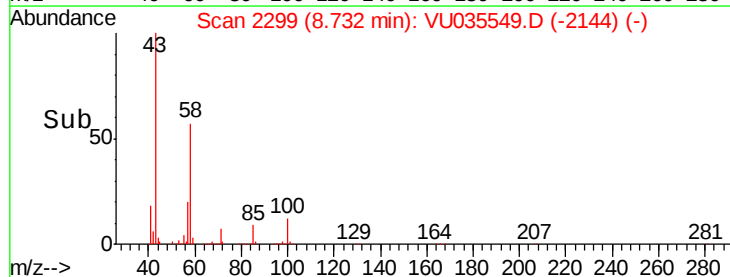
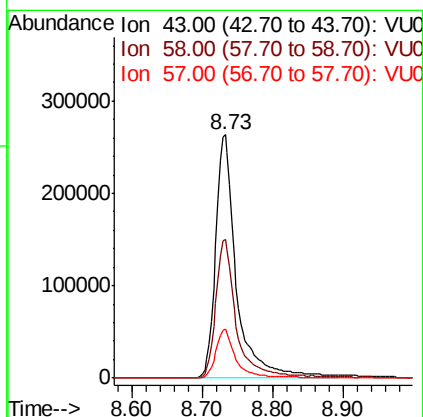
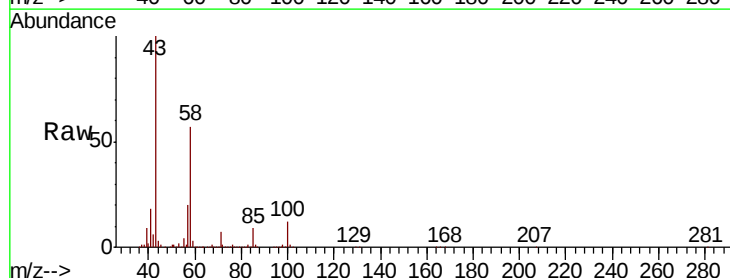
Instrument :
 MSVOA_U
 ClientSampleId :

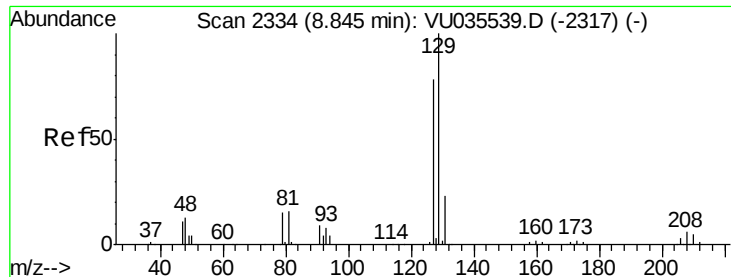
Tot Ion: 76 Resp: 314678
 Ion Ratio Lower Upper
 76 100
 78 31.3 25.6 38.4



#54
 2-Hexanone
 Concen: 54.175 ug/l
 RT: 8.73 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VU035549.D
 Acq: 30 Oct 2019 08:17

Tgt Ion: 43 Resp: 541324
 Ion Ratio Lower Upper
 43 100
 58 55.8 37.2 77.2
 57 19.5 0.0 39.1





#55

Dibromochloromethane

Concen: 9.917 ug/l

RT: 8.84 min Scan# 2334

Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

Instrument :

MSVOA_U

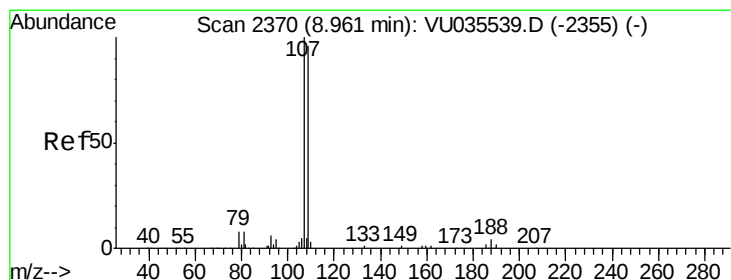
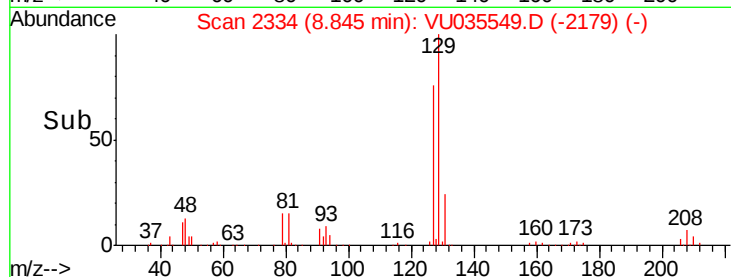
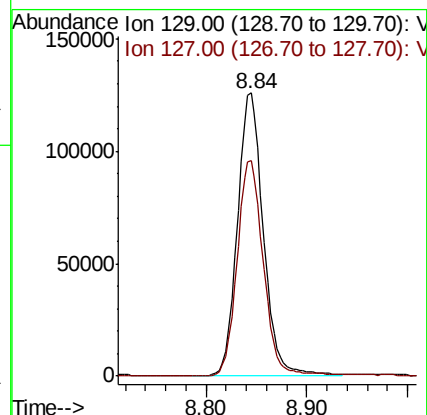
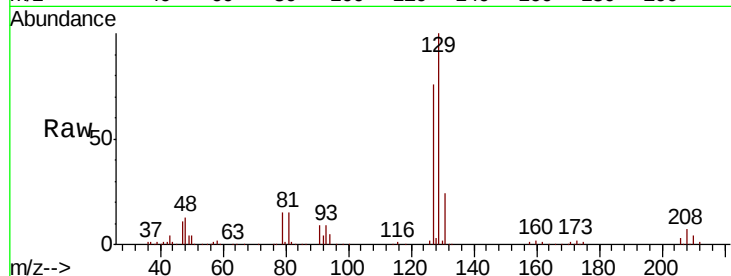
ClientSampled :

Tot Ion:129 Resp: 223759

Ion Ratio Lower Upper

129 100

127 77.9 62.3 93.5



#56

1,2-Dibromoethane

Concen: 10.246 ug/l

RT: 8.96 min Scan# 2369

Delta R.T. -0.00 min

Lab File: VU035549.D

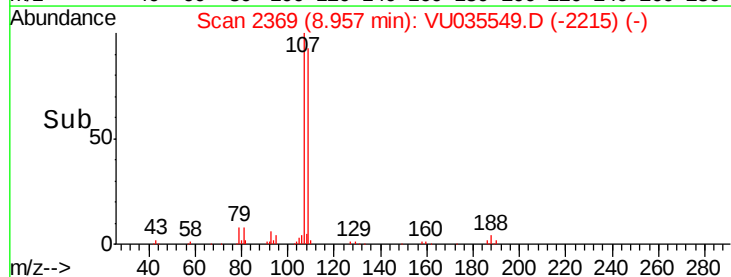
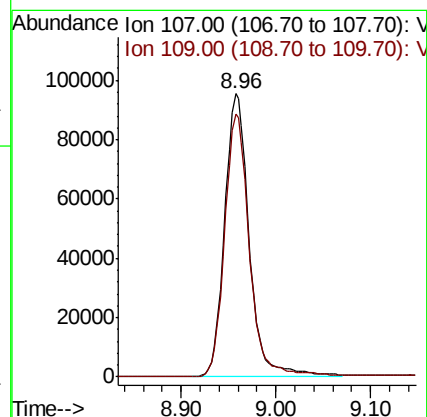
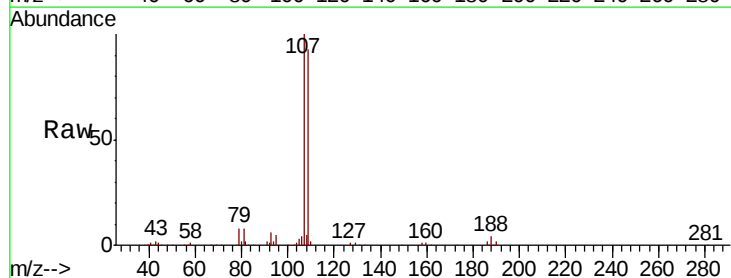
Acq: 30 Oct 2019 08:17

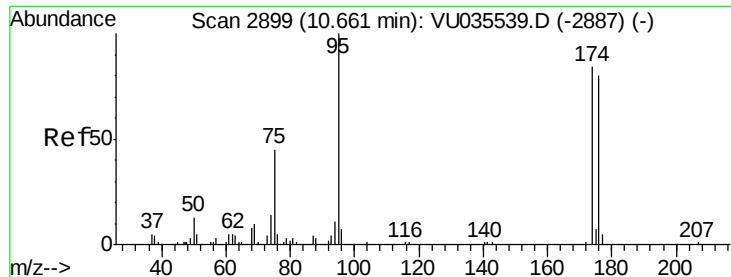
Tgt Ion:107 Resp: 173210

Ion Ratio Lower Upper

107 100

109 93.9 0.0 191.4

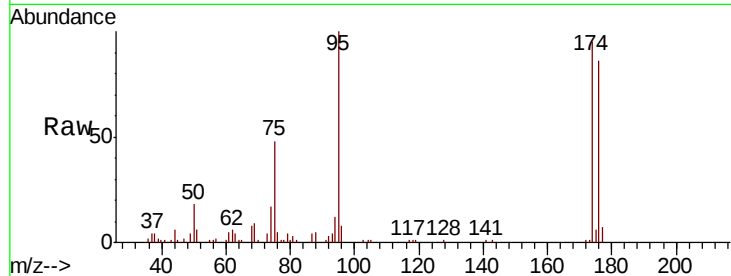




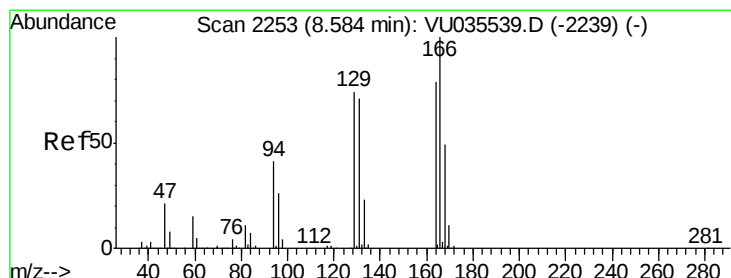
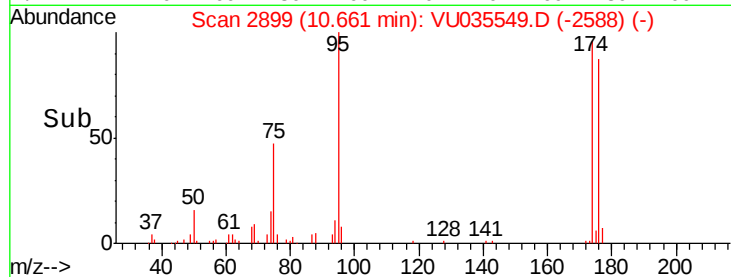
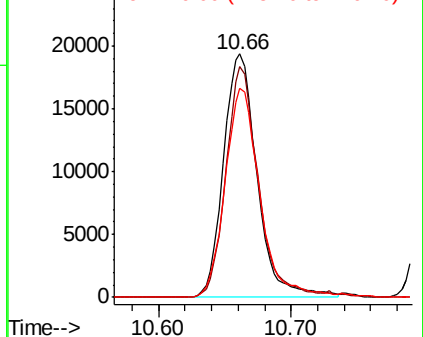
#57
4-Bromofluorobenzene
Concen: 1.208 ug/l
RT: 10.66 min Scan# 2899
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 95 Resp: 34126
Ion Ratio Lower Upper
95 100
174 91.4 70.2 105.4
176 88.6 67.7 101.5

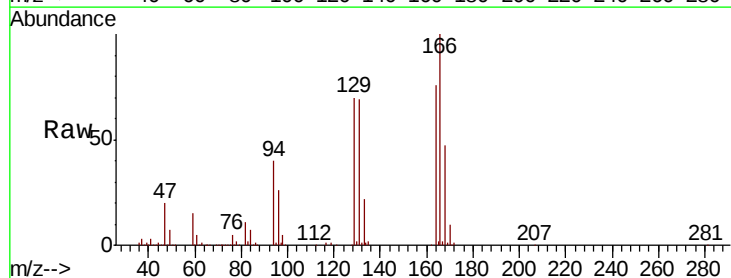


Abundance Ion 95.00 (94.70 to 95.70): VU0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V

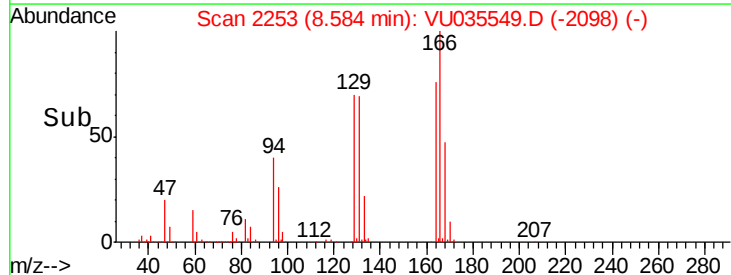
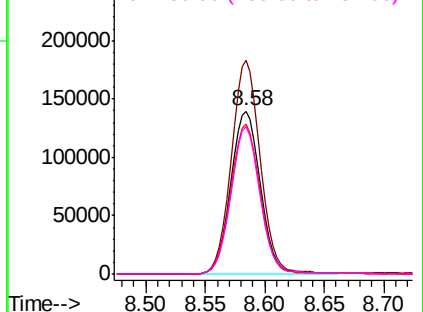


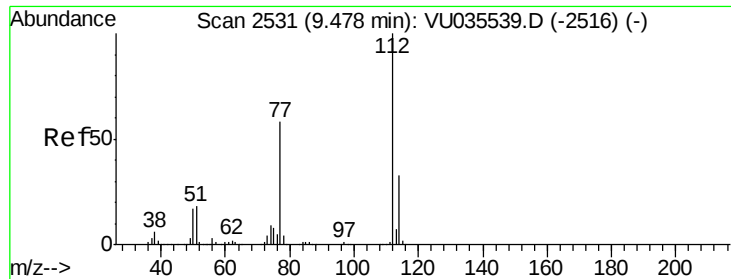
#58
Tetrachloroethene
Concen: 9.886 ug/l
RT: 8.58 min Scan# 2253
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Tgt Ion: 164 Resp: 242322
Ion Ratio Lower Upper
164 100
166 130.9 100.6 151.0
129 91.8 74.1 111.1
131 90.3 71.1 106.7



Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

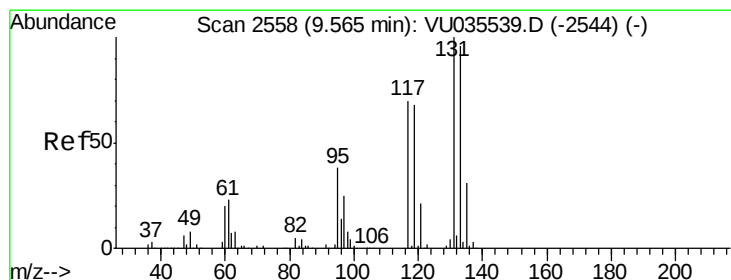
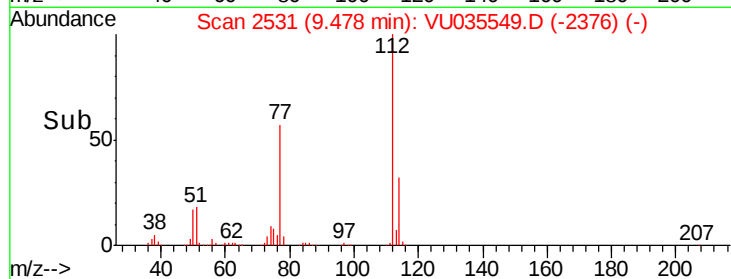
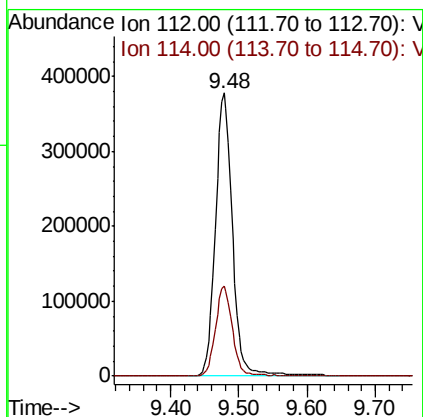
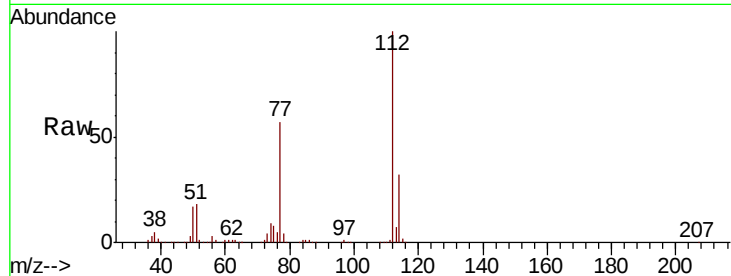




#59
Chlorobenzene
Concen: 10.326 ug/l
RT: 9.48 min Scan# 2531
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

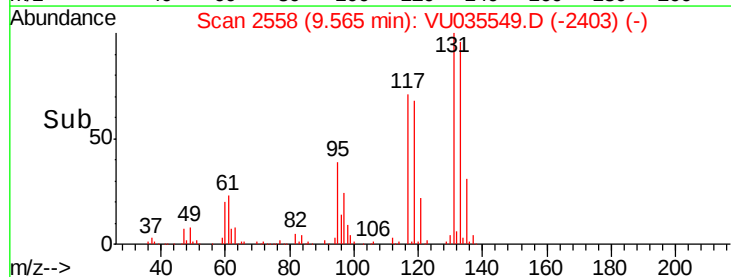
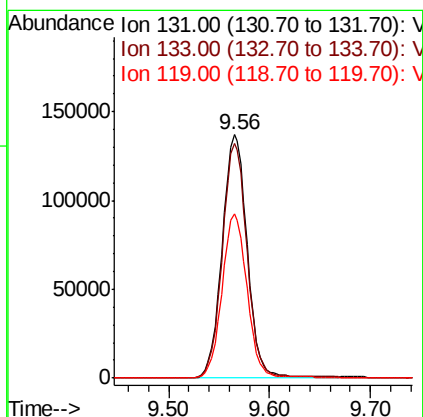
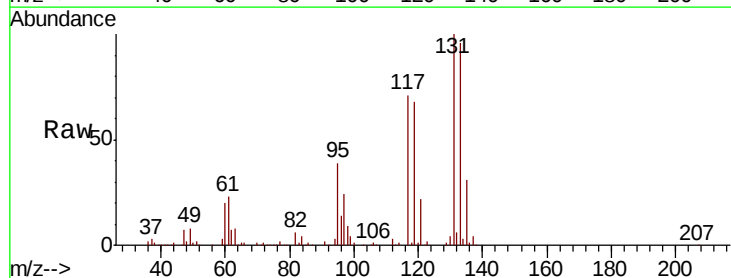
Instrument :
MSVOA_U
ClientSampleId :

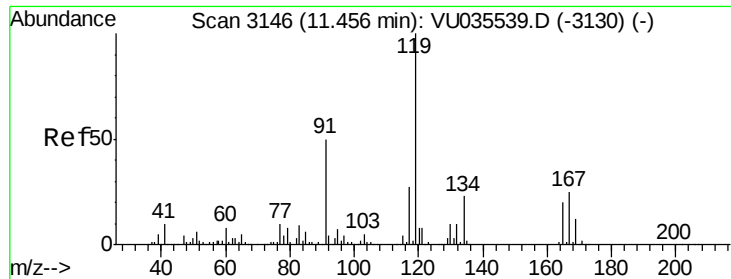
Tot Ion:112 Resp: 659160
Ion Ratio Lower Upper
112 100
114 31.9 26.5 39.7



#60
1,1,1,2-Tetrachloroethane
Concen: 9.737 ug/l
RT: 9.56 min Scan# 2558
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Tgt Ion:131 Resp: 238969
Ion Ratio Lower Upper
131 100
133 95.9 76.9 115.3
119 66.9 53.6 80.4

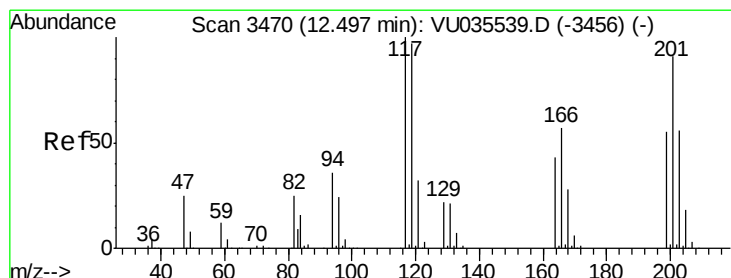
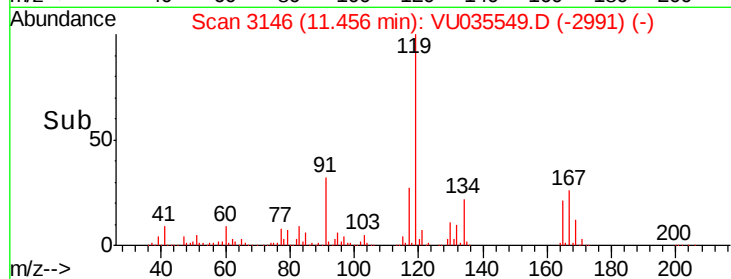
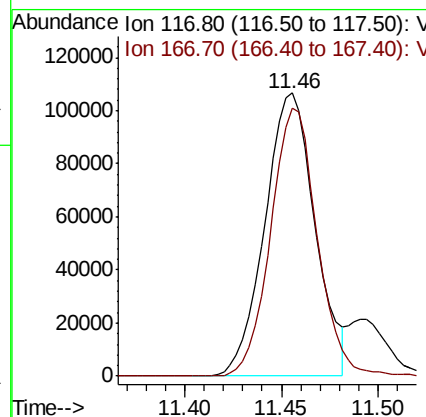
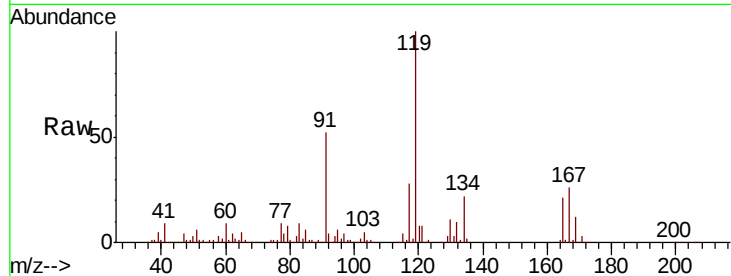




#61
 Pentachloroethane
 Concen: 9.656 ug/l
 RT: 11.46 min Scan# 3146
 Delta R.T. -0.00 min
 Lab File: VU035549.D
 Acq: 30 Oct 2019 08:17

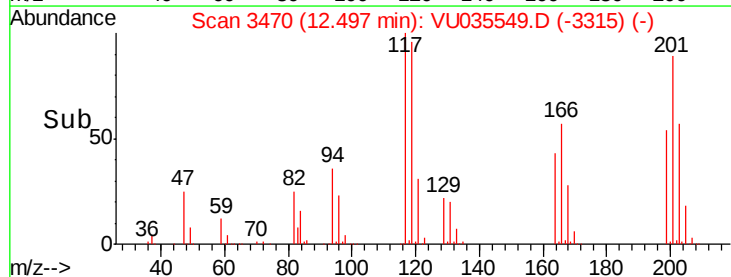
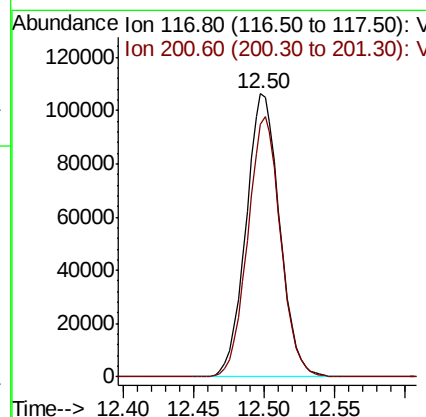
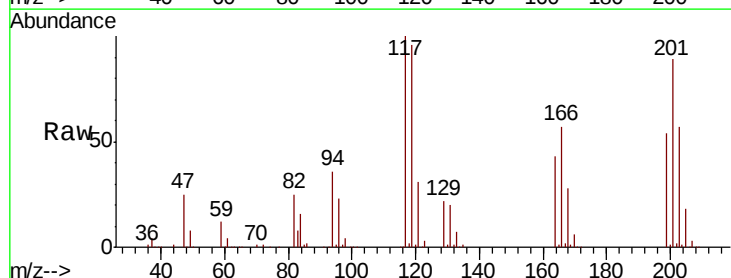
Instrument :
 MSVOA_U
 ClientSampleId :

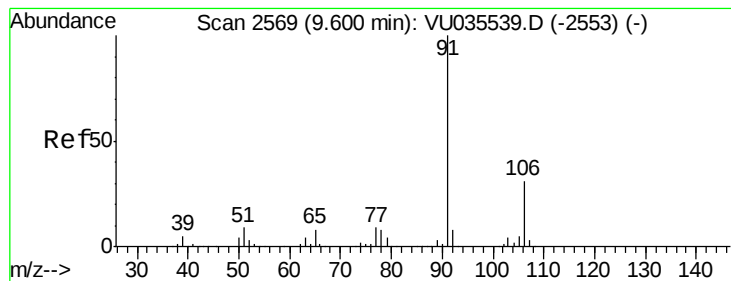
Tot Ion:117 Resp: 193105
 Ion Ratio Lower Upper
 117 100
 167 87.8 69.8 104.6



#62
 Hexachloroethane
 Concen: 9.741 ug/l
 RT: 12.50 min Scan# 3470
 Delta R.T. -0.00 min
 Lab File: VU035549.D
 Acq: 30 Oct 2019 08:17

Tgt Ion:117 Resp: 177971
 Ion Ratio Lower Upper
 117 100
 201 89.6 71.8 107.8





#63

Ethyl Benzene

Concen: 11.034 ug/l

RT: 9.60 min Scan# 2569

Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

Instrument :

MSVOA_U

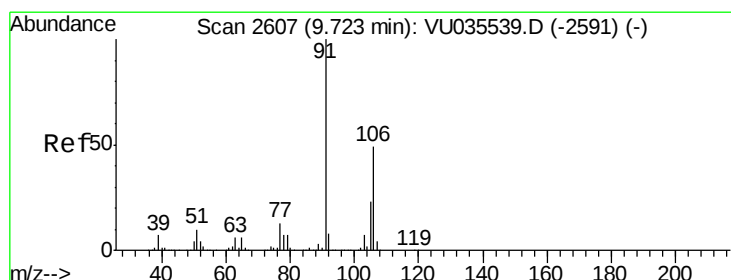
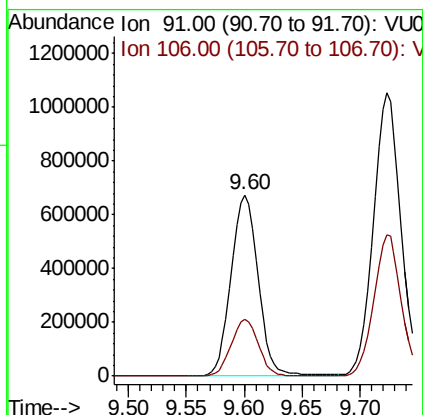
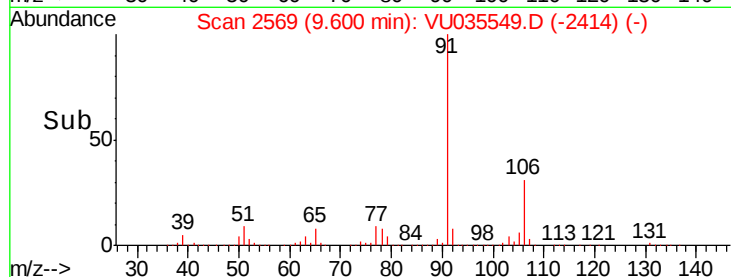
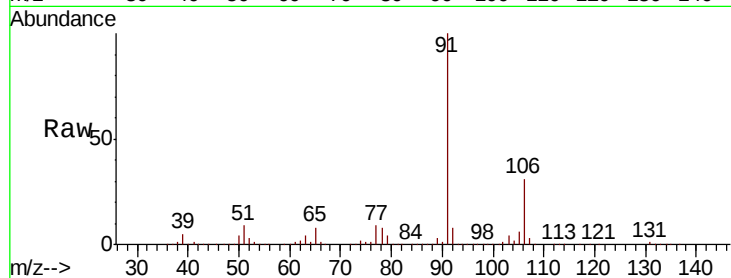
ClientSampleId :

Tot Ion: 91 Resp: 1093844

Ion Ratio Lower Upper

91 100

106 31.2 25.2 37.8



#64

m/p-Xylenes

Concen: 22.483 ug/l

RT: 9.72 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VU035549.D

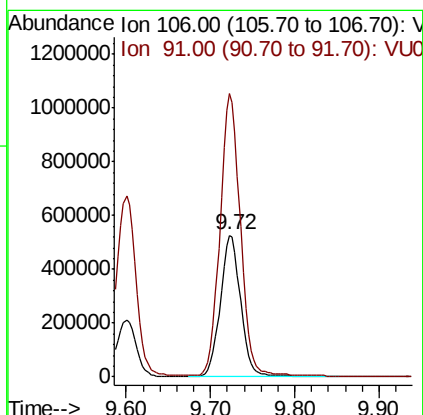
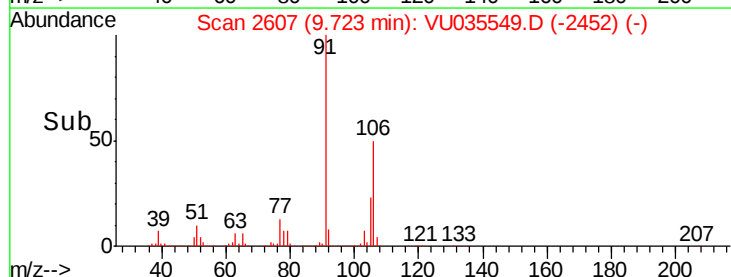
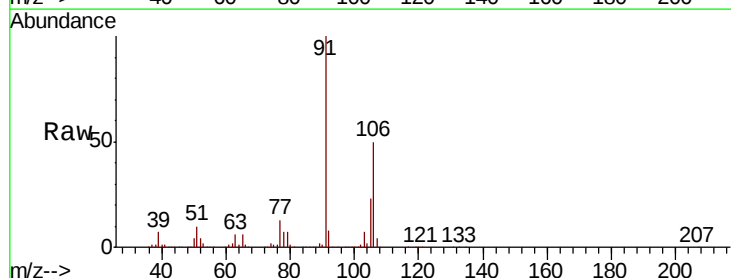
Acq: 30 Oct 2019 08:17

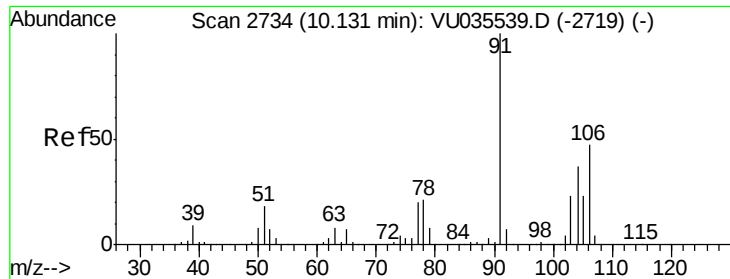
Tgt Ion: 106 Resp: 880065

Ion Ratio Lower Upper

106 100

91 204.2 81.0 121.4#

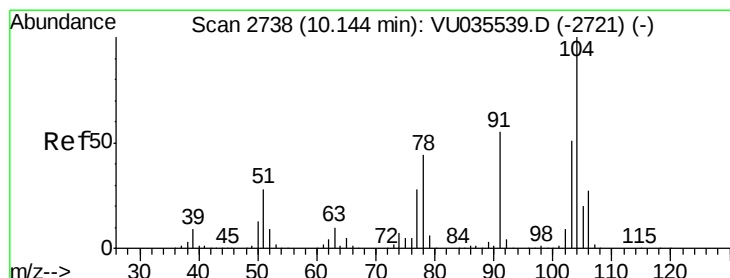
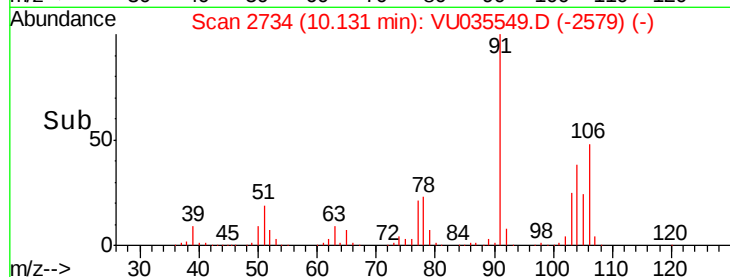
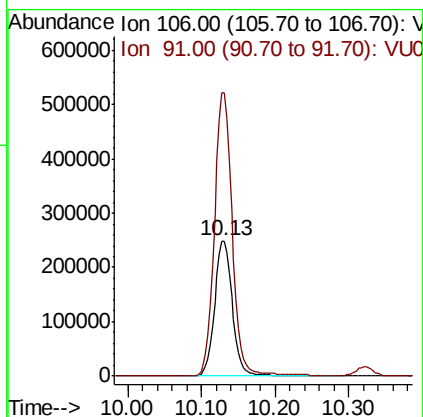
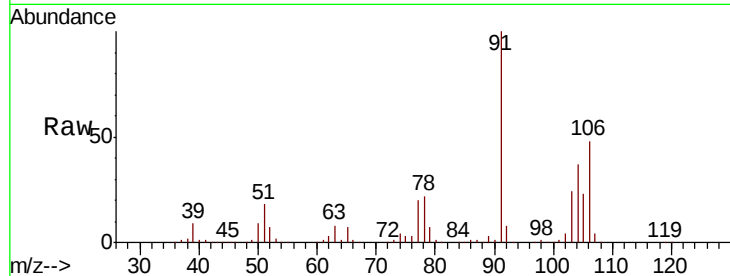




#65
o-Xylene
Concen: 11.000 ug/l
RT: 10.13 min Scan# 2734
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

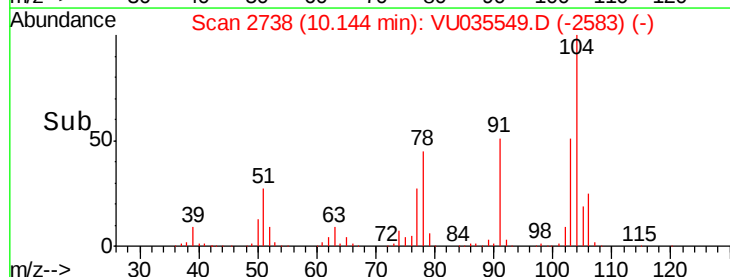
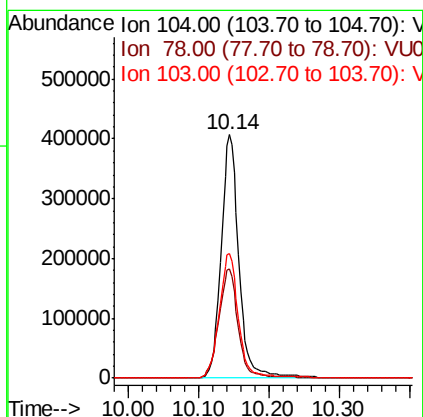
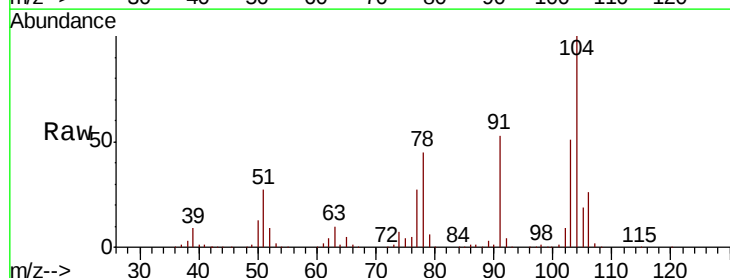
Instrument :
MSVOA_U
ClientSampled :

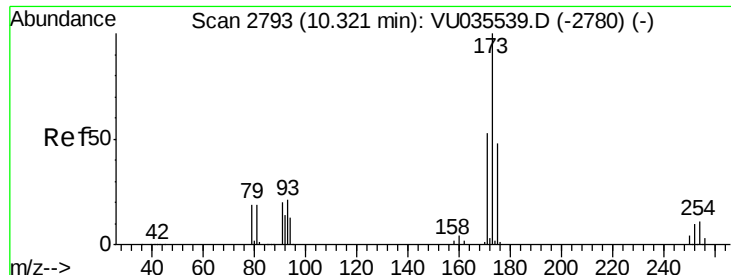
Tot Ion:106 Resp: 416016
Ion Ratio Lower Upper
106 100
91 210.0 107.1 321.1



#66
Styrene
Concen: 11.436 ug/l
RT: 10.14 min Scan# 2738
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Tgt Ion:104 Resp: 715990
Ion Ratio Lower Upper
104 100
78 48.2 38.6 58.0
103 55.1 43.6 65.4





#67

Bromoform

Concen: 10.194 ug/l

RT: 10.32 min Scan# 2793

Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

Instrument :

MSVOA_U

ClientSampleId :

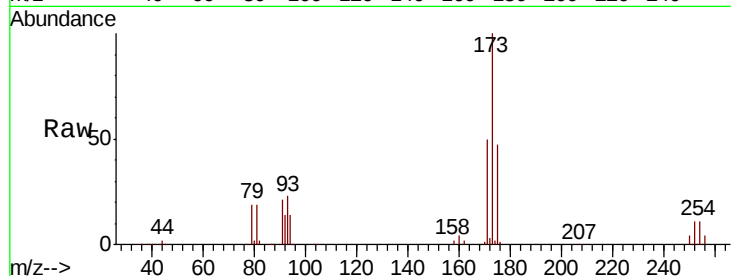
Tot Ion:173 Resp: 142699

Ion Ratio Lower Upper

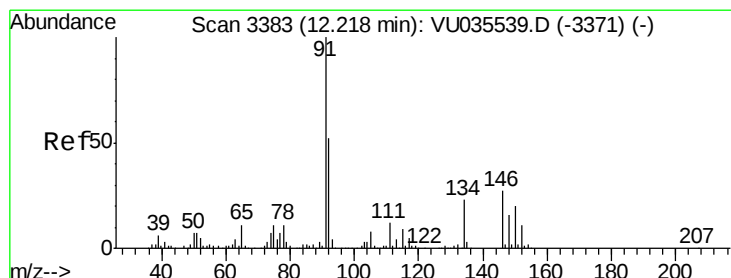
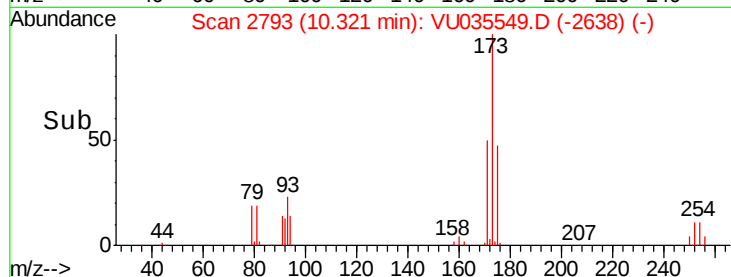
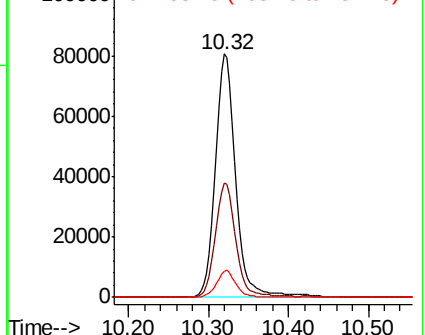
173 100

175 47.1 38.7 58.1

254 10.5 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: 1.038 ug/l

RT: 12.22 min Scan# 3383

Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

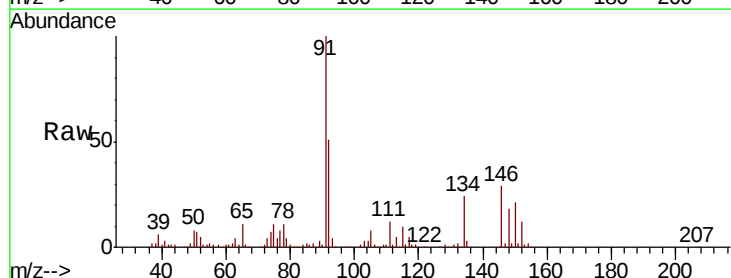
Tgt Ion:152 Resp: 31171

Ion Ratio Lower Upper

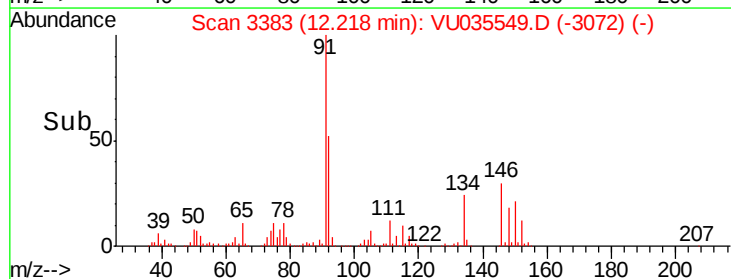
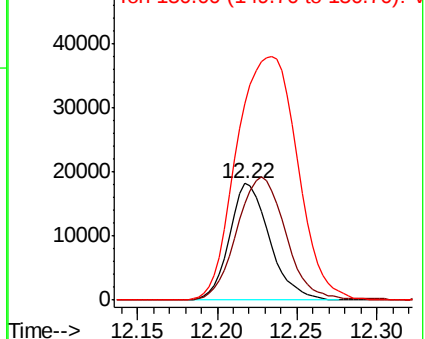
152 100

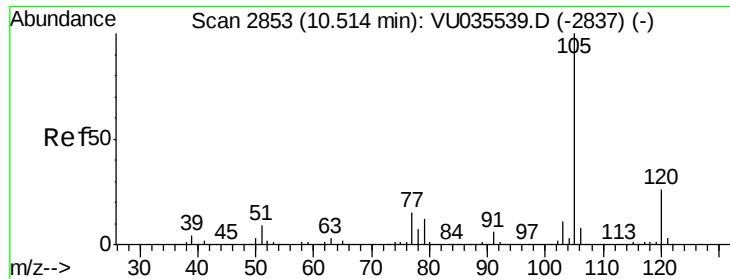
115 129.0 0.0 250.6

150 318.1 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: 10.931 ug/l

RT: 10.51 min Scan# 2852

Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

Instrument :

MSVOA_U

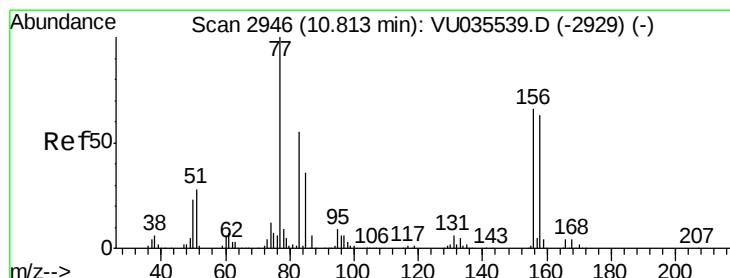
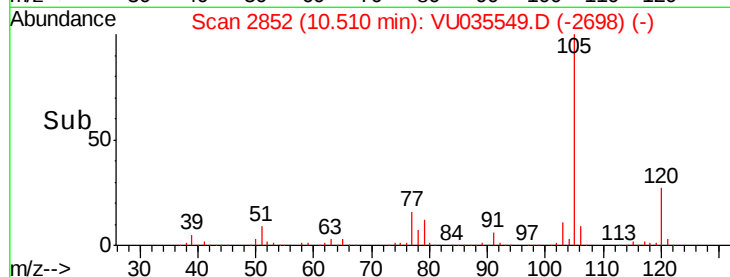
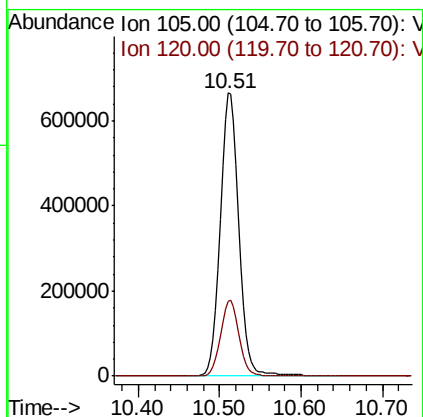
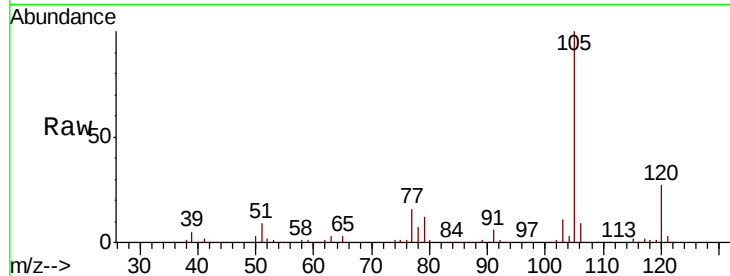
ClientSampleId :

Tot Ion:105 Resp: 1077969

Ion Ratio Lower Upper

105 100

120 26.8 13.2 39.5



#70

1,1,2,2-Tetrachloroethane

Concen: 9.679 ug/l

RT: 10.81 min Scan# 2946

Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

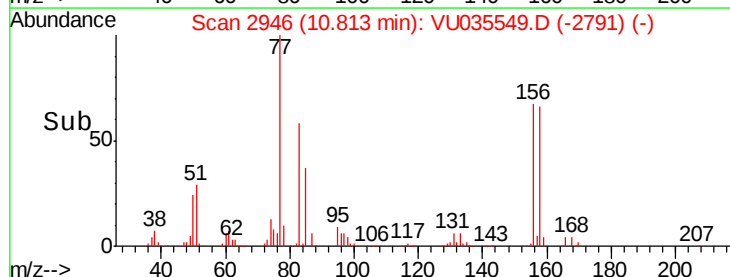
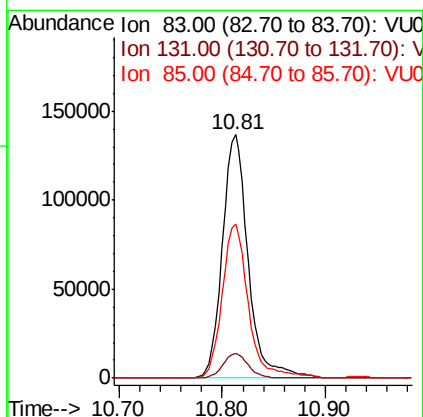
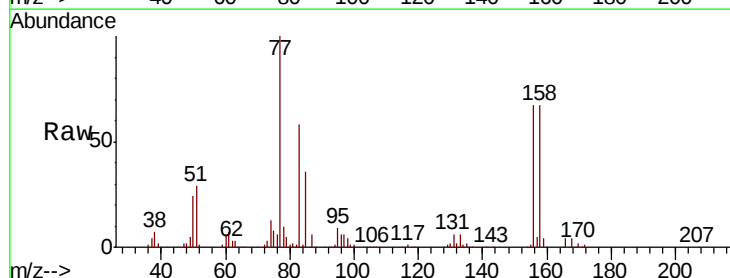
Tgt Ion: 83 Resp: 238476

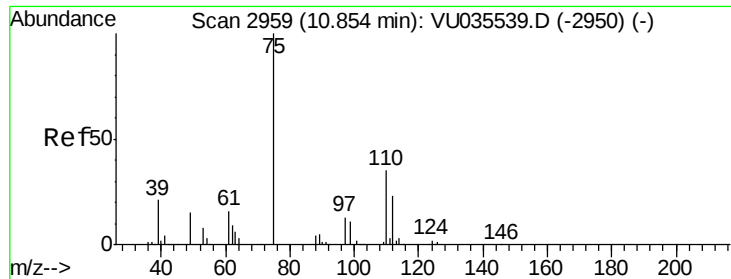
Ion Ratio Lower Upper

83 100

131 10.1 0.0 0.0#

85 64.3 33.5 50.3#

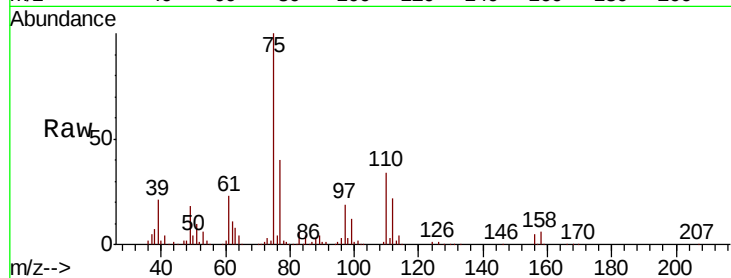




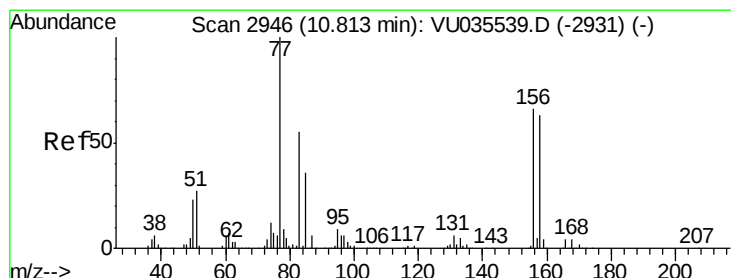
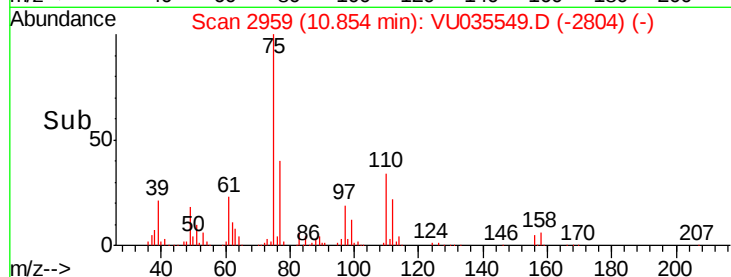
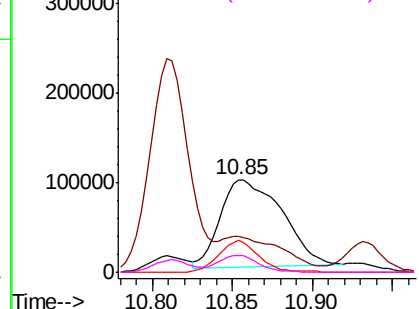
#71
1,2,3-Trichloropropane
Concen: 13.965 ug/l
RT: 10.85 min Scan# 2959
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	75	Resp:	258403
Ion	Ratio	Lower	Upper
75	100		
77	21.6	0.0	68.6
110	23.4	0.0	77.2
97	13.1	0.0	39.0

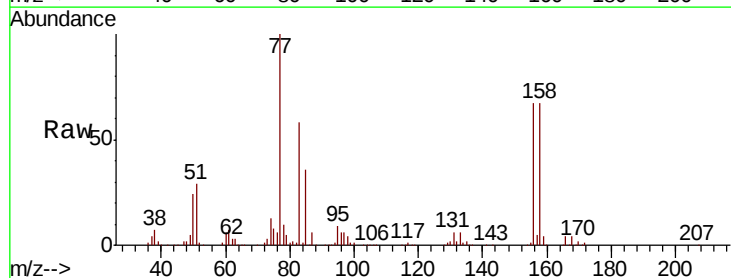


Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0
Ion 110.00 (109.70 to 110.70): V
Ion 97.00 (96.70 to 97.70): VU0

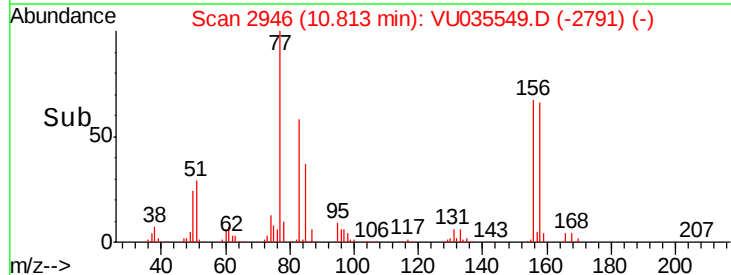
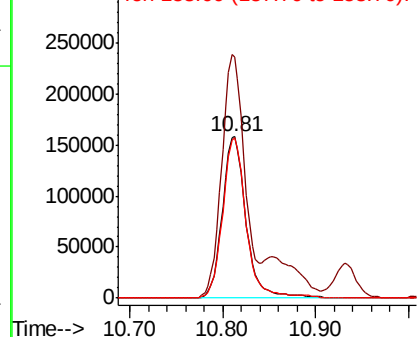


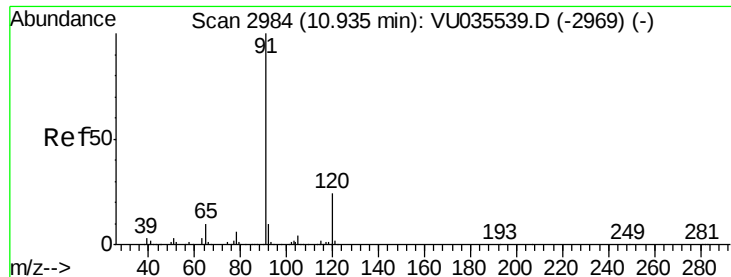
#72
Bromobenzene
Concen: 10.213 ug/l
RT: 10.81 min Scan# 2946
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Tgt Ion:	156	Resp:	280603
Ion	Ratio	Lower	Upper
156	100		
77	144.9	0.0	300.4
158	98.6	0.0	194.4



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





#73

n-propylbenzene

Concen: 11.396 ug/l

RT: 10.93 min Scan# 2983

Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

Instrument :

MSVOA_U

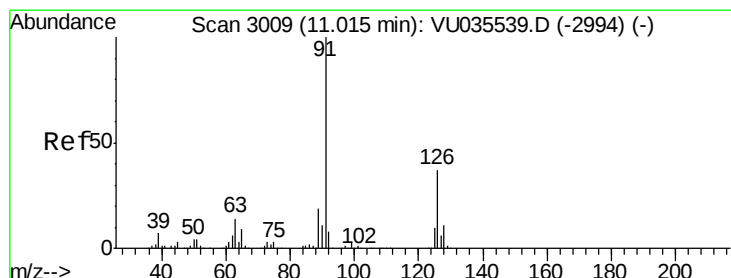
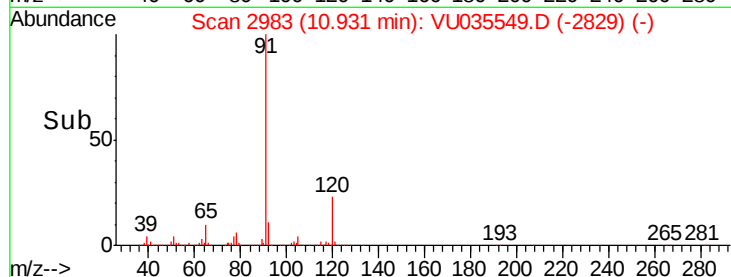
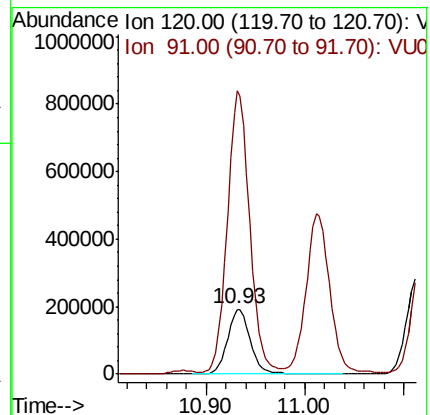
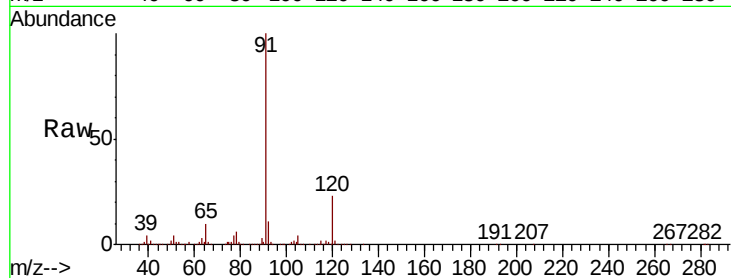
ClientSampleId :

Tot Ion:120 Resp: 313842

Ion Ratio Lower Upper

120 100

91 422.4 340.6 510.8



#74

2-Chlorotoluene

Concen: 10.689 ug/l

RT: 11.01 min Scan# 3008

Delta R.T. -0.00 min

Lab File: VU035549.D

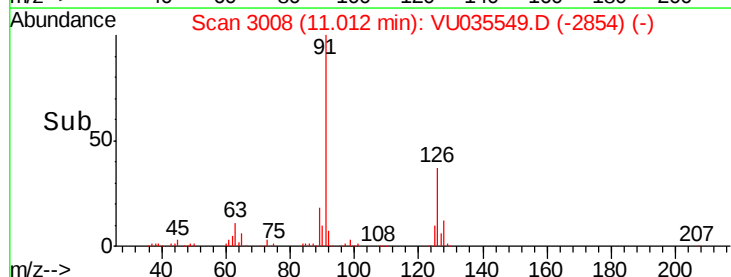
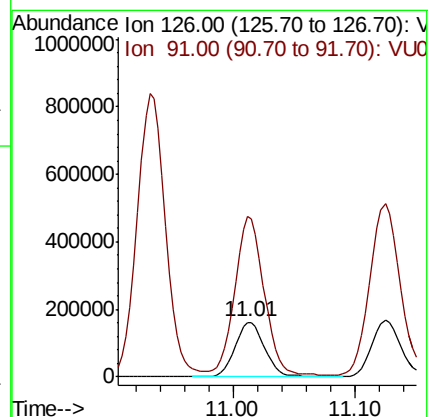
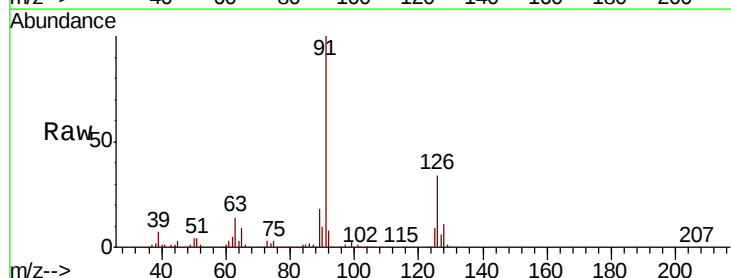
Acq: 30 Oct 2019 08:17

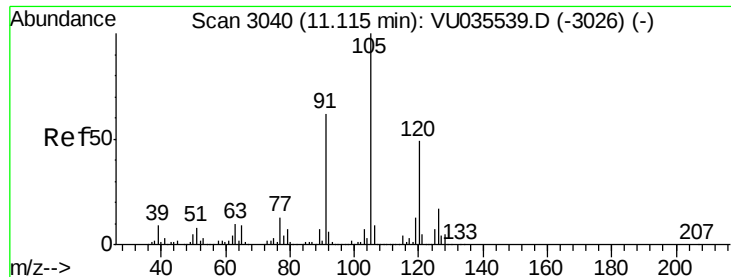
Tgt Ion:126 Resp: 276004

Ion Ratio Lower Upper

126 100

91 286.8 0.0 574.2





#75

1,3,5-Trimethylbenzene

Concen: 11.208 ug/l

RT: 11.11 min Scan# 3040

Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

Instrument :

MSVOA_U

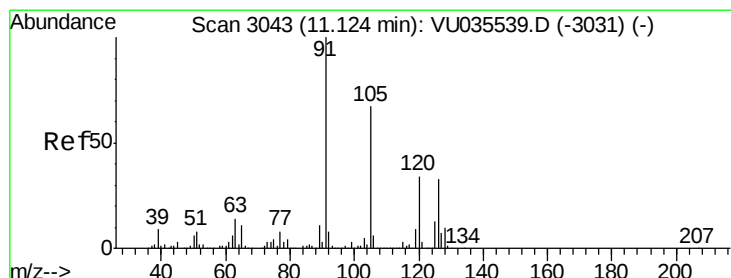
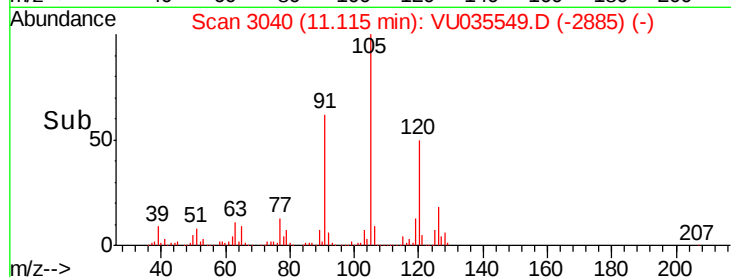
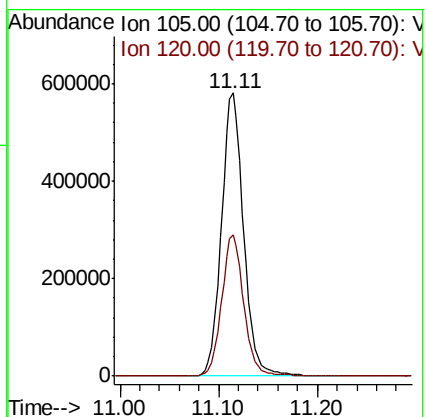
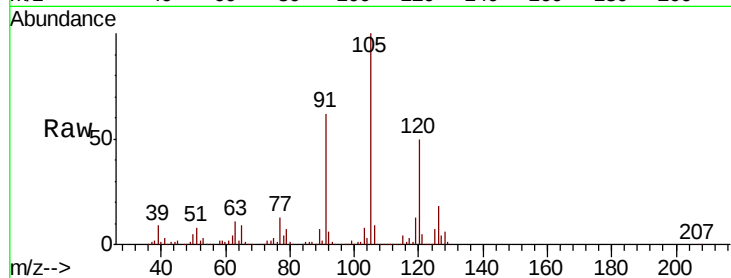
ClientSampleId :

Tot Ion:105 Resp: 910751

Ion Ratio Lower Upper

105 100

120 49.8 39.4 59.2



#76

4-Chlorotoluene

Concen: 10.910 ug/l

RT: 11.12 min Scan# 3043

Delta R.T. -0.00 min

Lab File: VU035549.D

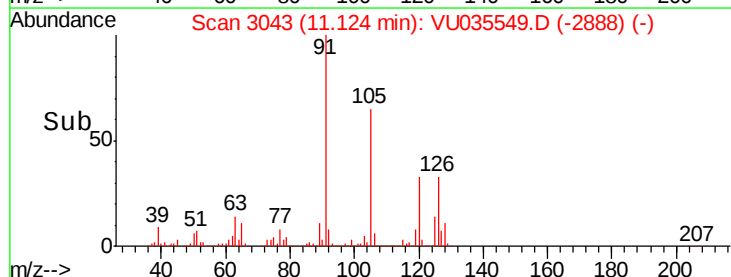
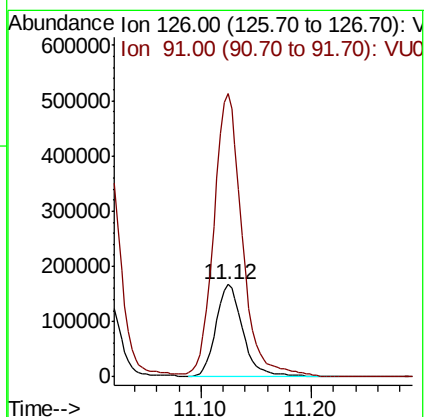
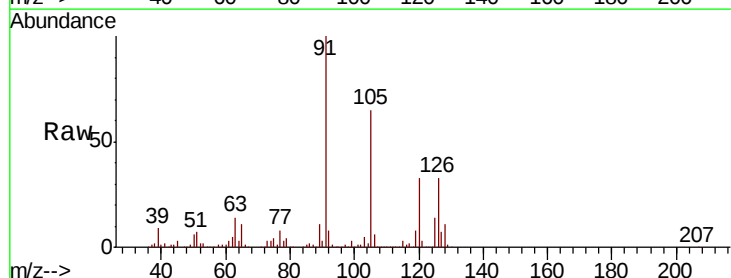
Acq: 30 Oct 2019 08:17

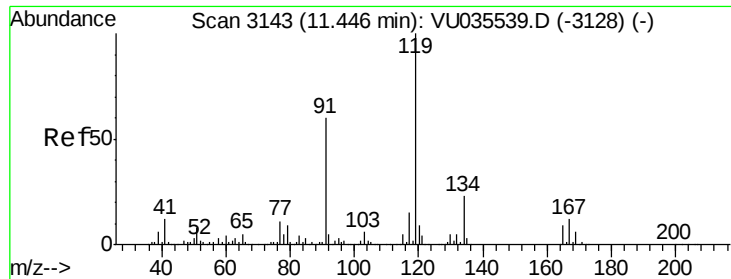
Tgt Ion:126 Resp: 286133

Ion Ratio Lower Upper

126 100

91 319.6 0.0 637.0

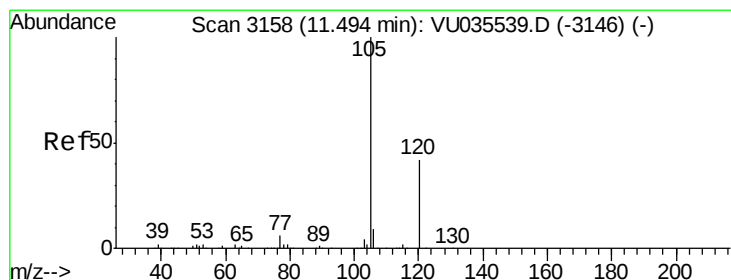
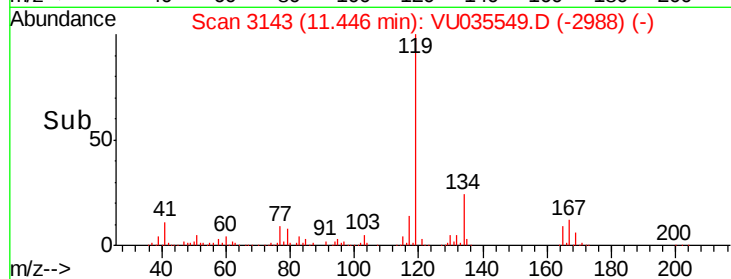
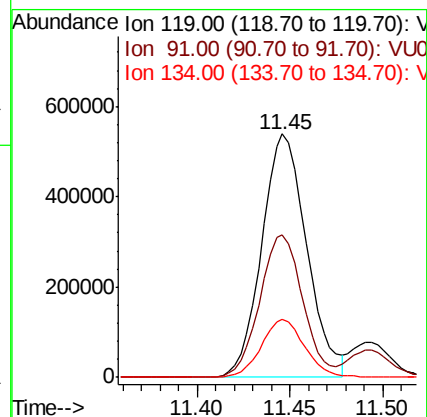
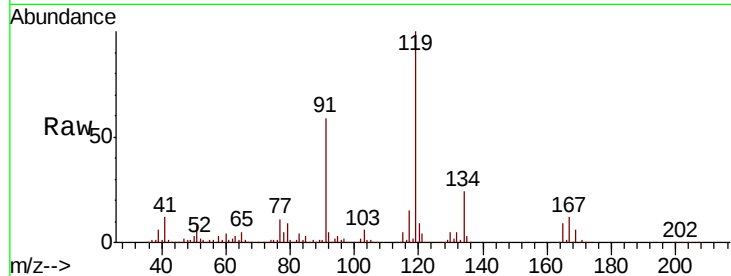




#77
 tert-Butylbenzene
 Concen: 10.888 ug/l
 RT: 11.45 min Scan# 3143
 Delta R.T. -0.00 min
 Lab File: VU035549.D
 Acq: 30 Oct 2019 08:17

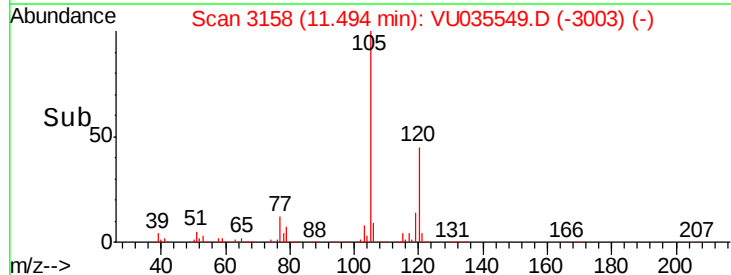
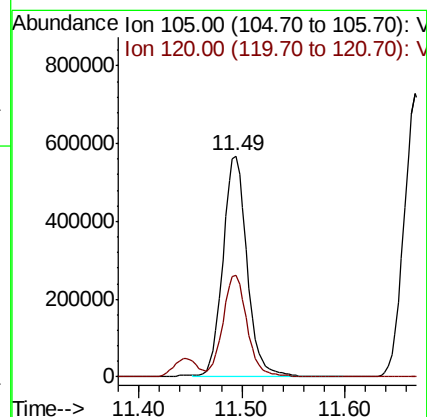
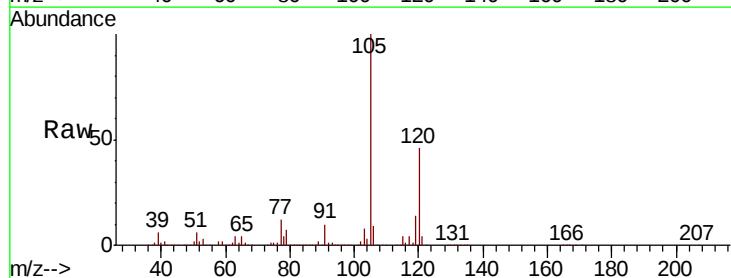
Instrument :
 MSVOA_U
 ClientSampleId :

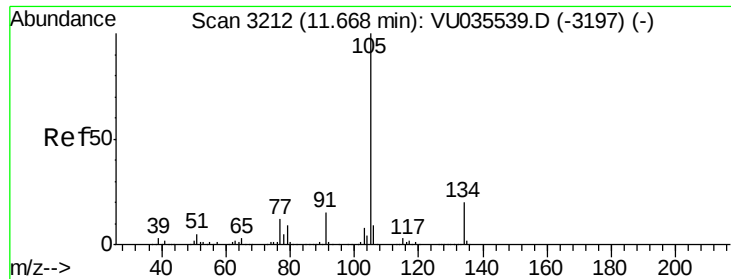
Tot Ion:119 Resp: 907352
 Ion Ratio Lower Upper
 119 100
 91 56.0 27.9 83.7
 134 23.1 18.3 27.5



#78
 1,2,4-Trimethylbenzene
 Concen: 11.229 ug/l
 RT: 11.49 min Scan# 3158
 Delta R.T. -0.00 min
 Lab File: VU035549.D
 Acq: 30 Oct 2019 08:17

Tgt Ion:105 Resp: 923418
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.2 69.5





#79

sec-Butylbenzene

Concen: 11.000 ug/l

RT: 11.67 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

Instrument :

MSVOA_U

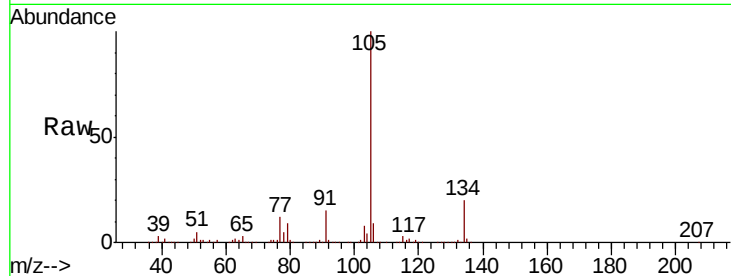
ClientSampleId :

Tot Ion:105 Resp: 1172668

Ion Ratio Lower Upper

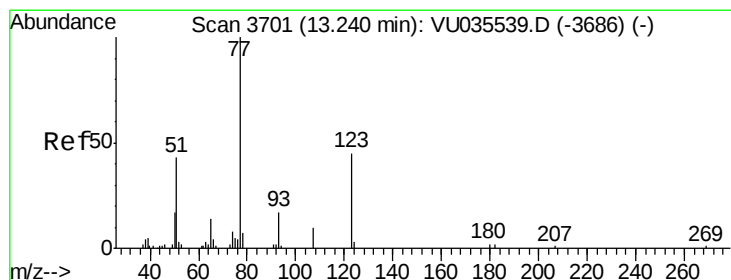
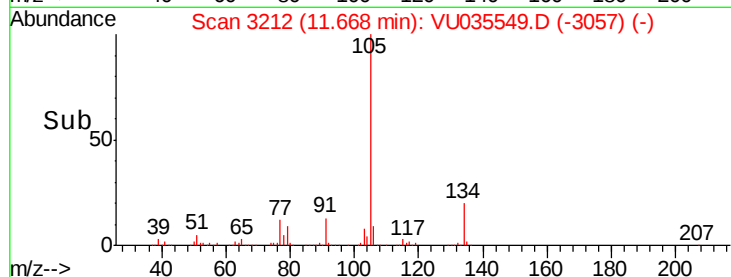
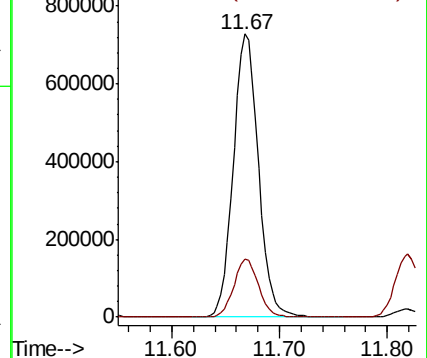
105 100

134 20.3 15.9 23.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 24.650 ug/l

RT: 13.24 min Scan# 3700

Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

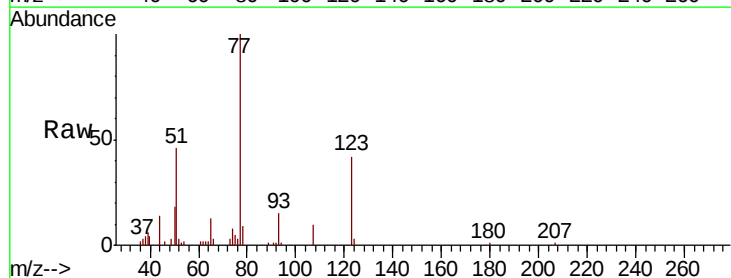
Tgt Ion: 77 Resp: 20353

Ion Ratio Lower Upper

77 100

123 44.0 18.9 67.1

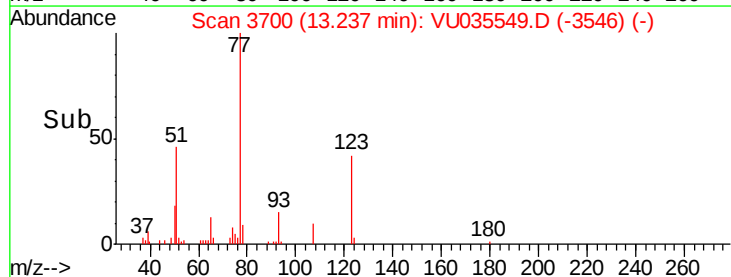
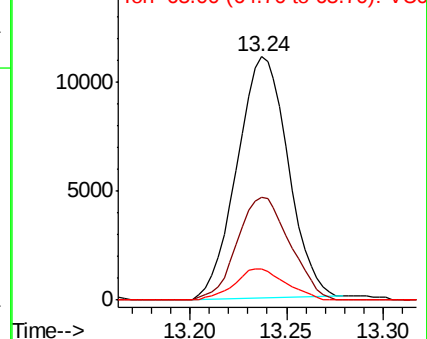
65 13.0 11.2 14.2

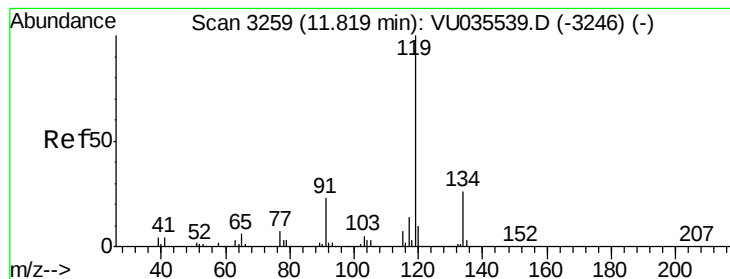


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0





#81

p-Isopropyltoluene

Concen: 11.329 ug/l

RT: 11.82 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

Instrument :

MSVOA_U

ClientSampleId :

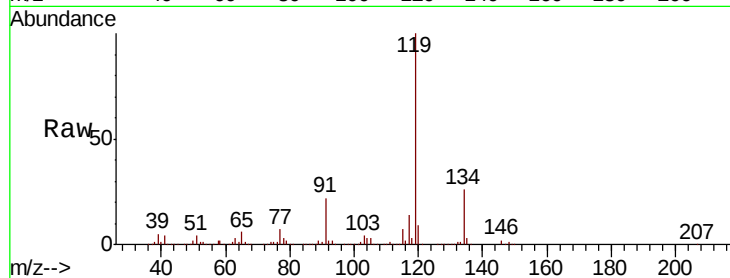
Tot Ion:119 Resp: 966298

Ion Ratio Lower Upper

119 100

134 26.5 17.0 25.4#

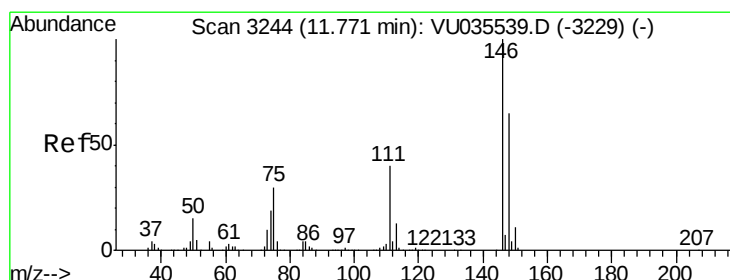
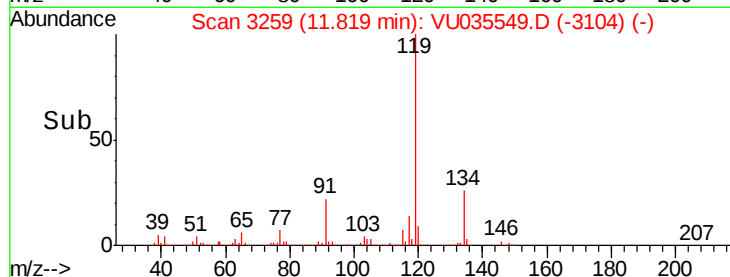
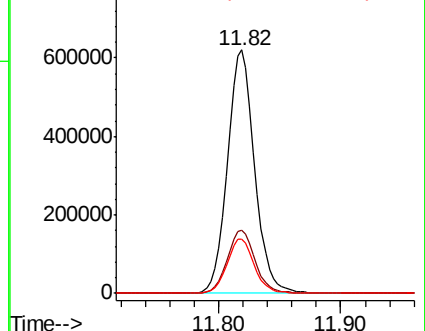
91 22.4 41.3 61.9#



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): V



#82

1,3-Dichlorobenzene

Concen: 10.307 ug/l

RT: 11.77 min Scan# 3244

Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

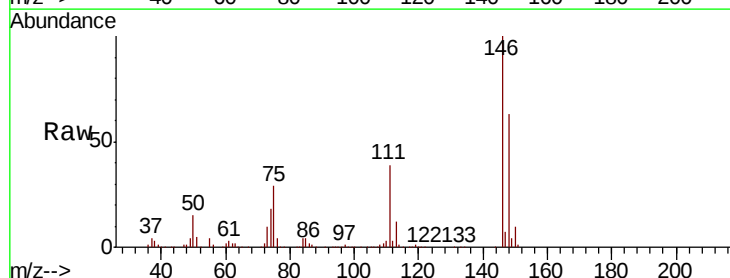
Tgt Ion:146 Resp: 539356

Ion Ratio Lower Upper

146 100

111 38.7 31.8 47.6

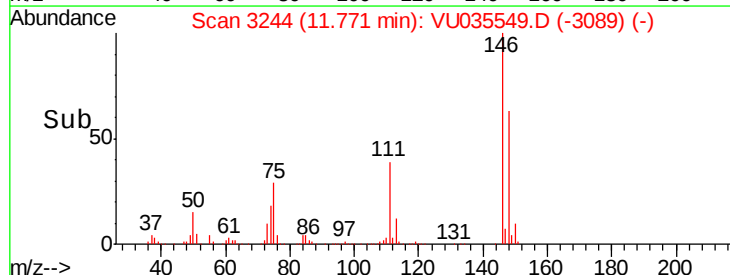
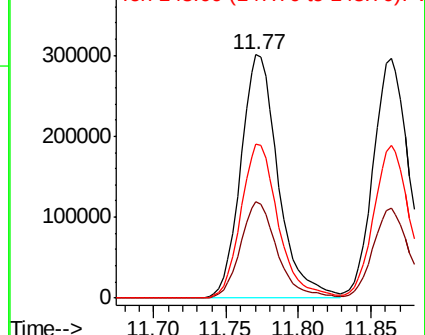
148 63.5 50.9 76.3

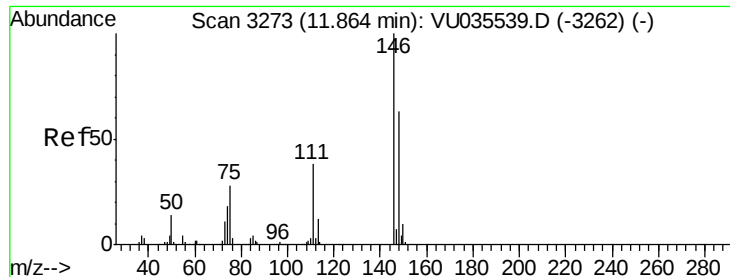


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

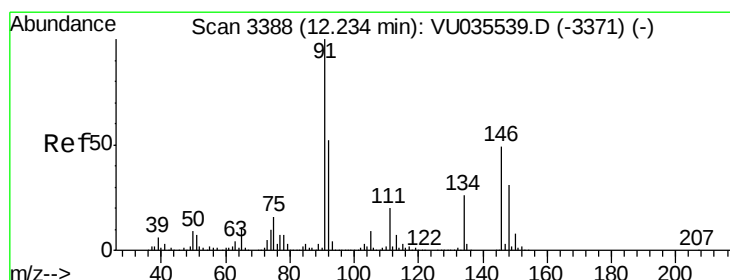
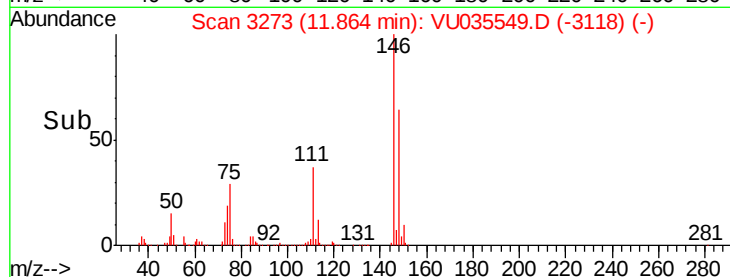
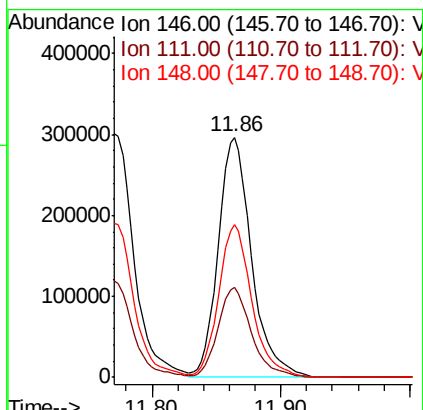
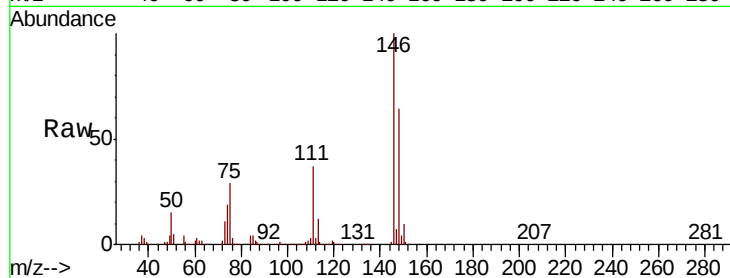




#83
1,4-Dichlorobenzene
Concen: 10.599 ug/l
RT: 11.86 min Scan# 3273
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

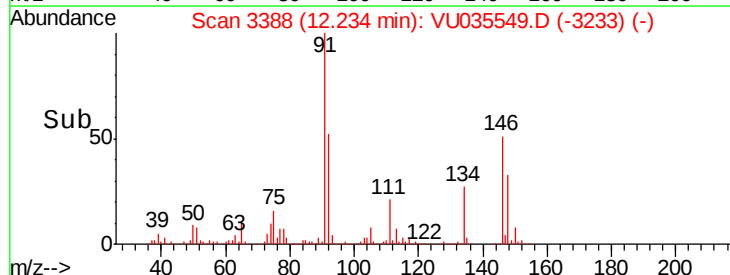
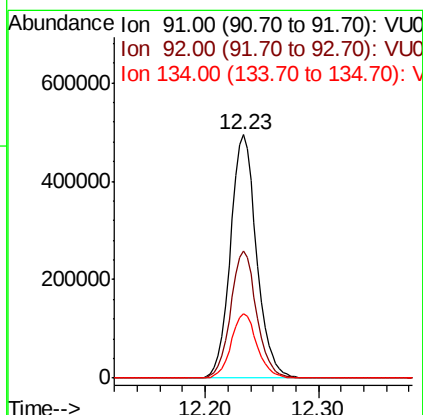
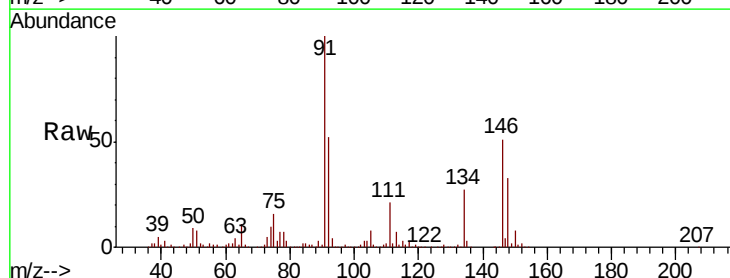
Instrument :
MSVOA_U
ClientSampled :

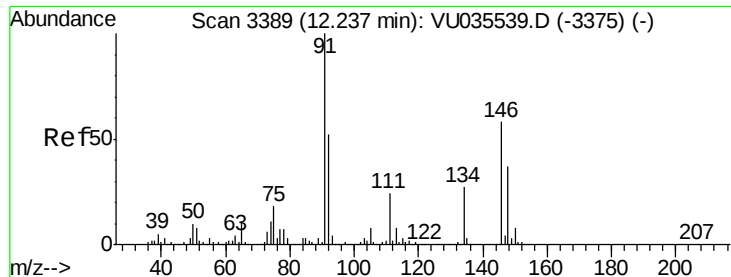
Tot Ion:146 Resp: 531928
Ion Ratio Lower Upper
146 100
111 37.6 30.1 45.1
148 63.7 51.0 76.4



#84
n-Butylbenzene
Concen: 11.321 ug/l
RT: 12.23 min Scan# 3388
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Tgt Ion: 91 Resp: 792507
Ion Ratio Lower Upper
91 100
92 51.9 41.4 62.0
134 26.3 20.6 30.8





#85

1,2-Dichlorobenzene

Concen: 10.208 ug/l

RT: 12.24 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

Instrument :

MSVOA_U

ClientSampleId :

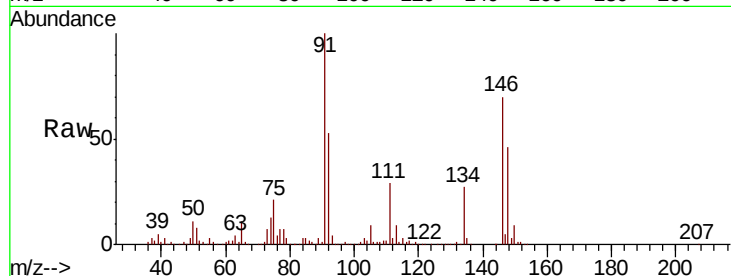
Tot Ion:146 Resp: 503056

Ion Ratio Lower Upper

146 100

111 40.4 20.5 61.5

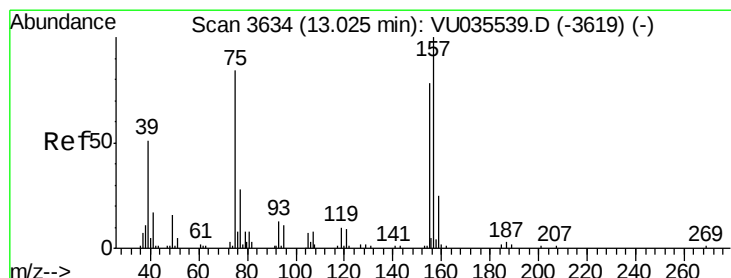
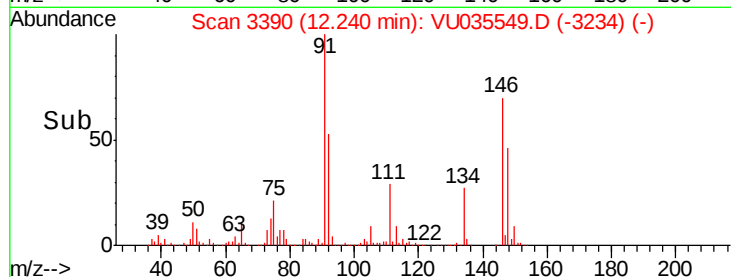
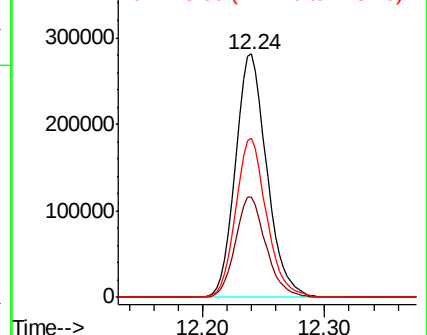
148 64.2 32.0 96.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#86

1,2-Dibromo-3-Chloropropane

Concen: 10.241 ug/l

RT: 13.02 min Scan# 3634

Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

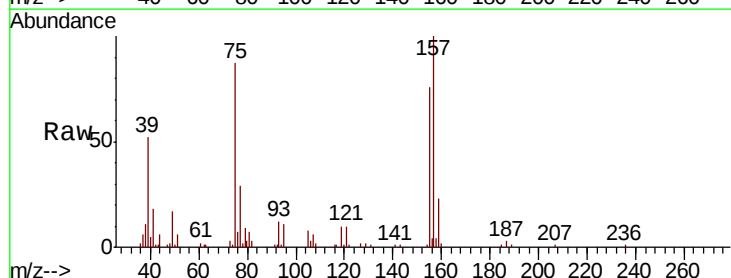
Tgt Ion: 75 Resp: 32132

Ion Ratio Lower Upper

75 100

155 86.7 71.3 106.9

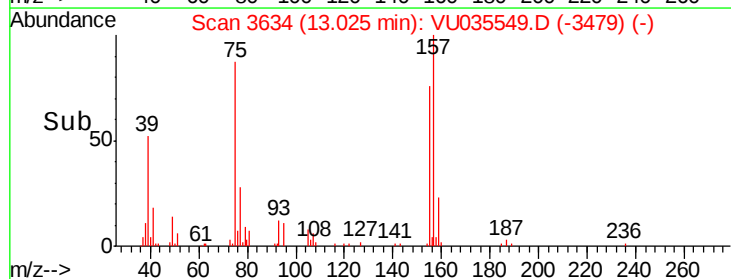
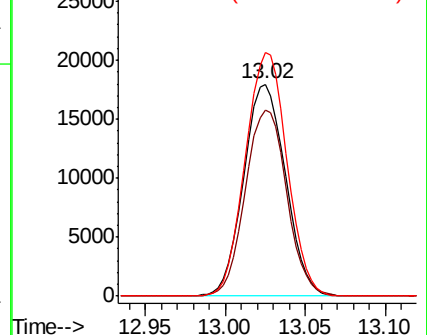
157 114.1 91.2 136.8

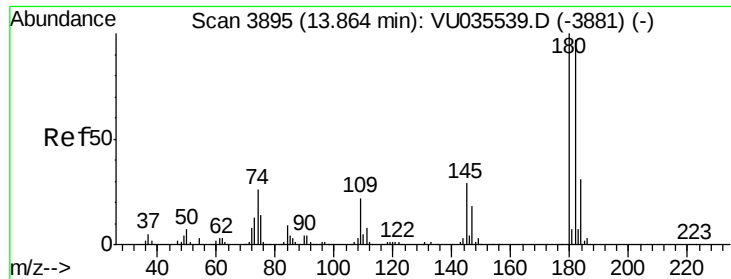


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

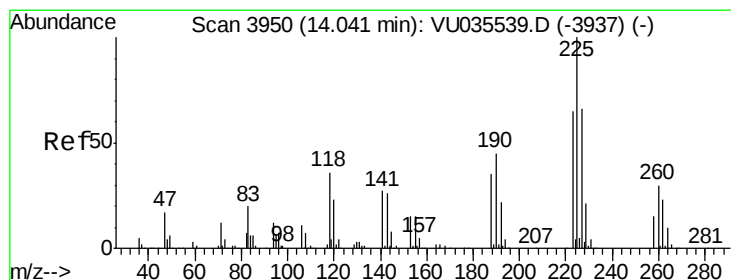
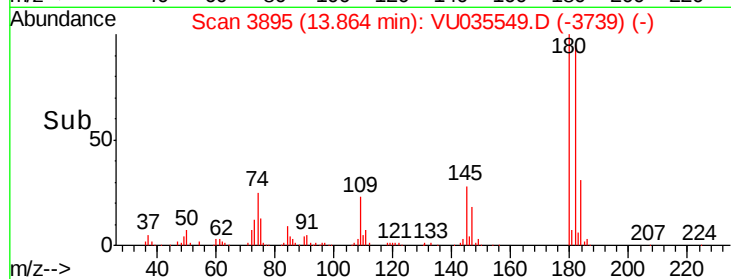
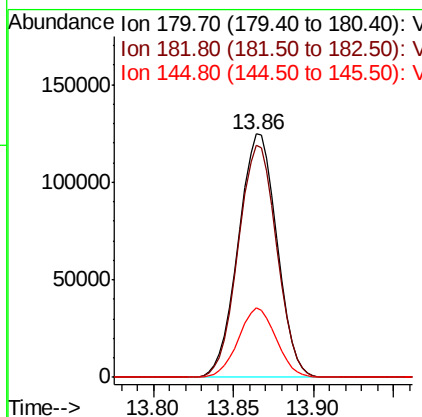
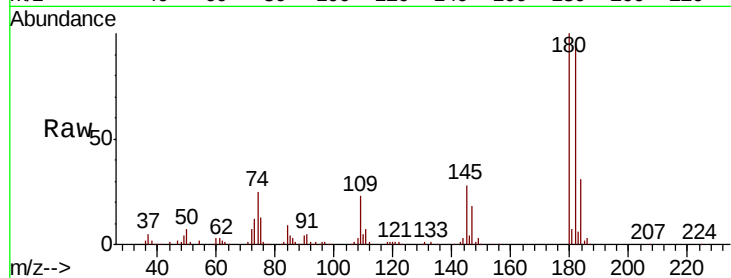




#87
 1,2,4-Trichlorobenzene
 Concen: 9.081 ug/l
 RT: 13.86 min Scan# 3895
 Delta R.T. 0.00 min
 Lab File: VU035549.D
 Acq: 30 Oct 2019 08:17

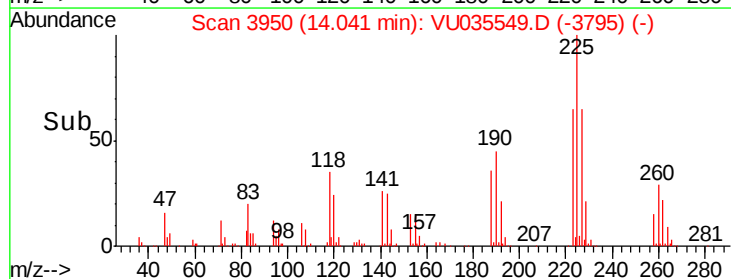
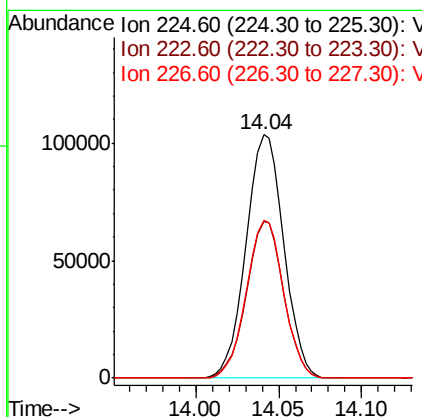
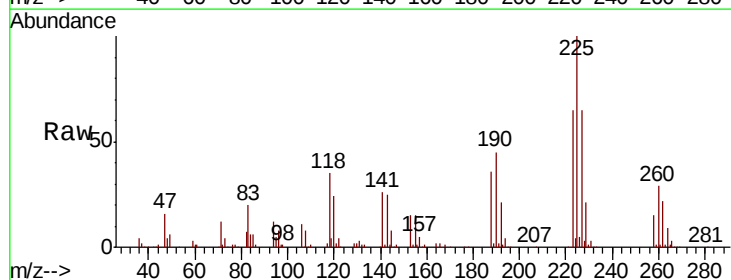
Instrument :
 MSVOA_U
 ClientSampleId :

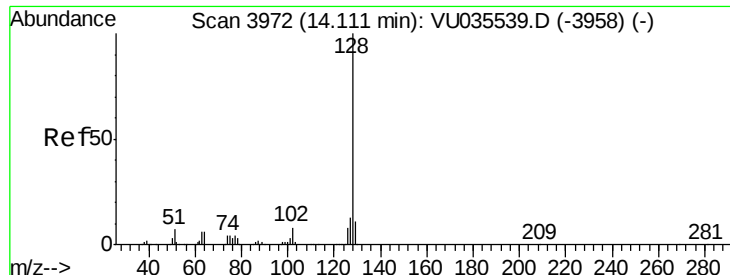
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	77.4	116.0
145	27.7	22.6	33.8



#88
 Hexachlorobutadiene
 Concen: 8.924 ug/l
 RT: 14.04 min Scan# 3950
 Delta R.T. -0.00 min
 Lab File: VU035549.D
 Acq: 30 Oct 2019 08:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.7	76.1
227	63.9	52.2	78.4

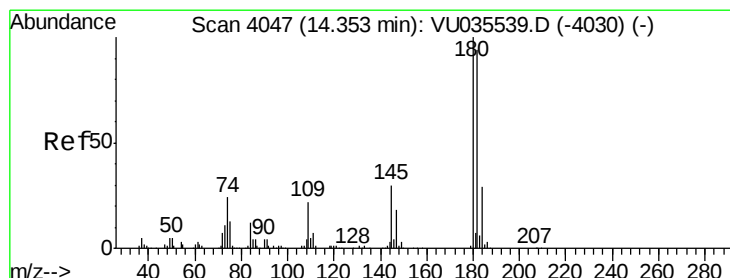
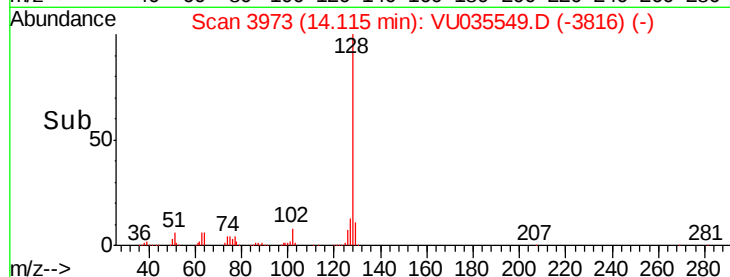
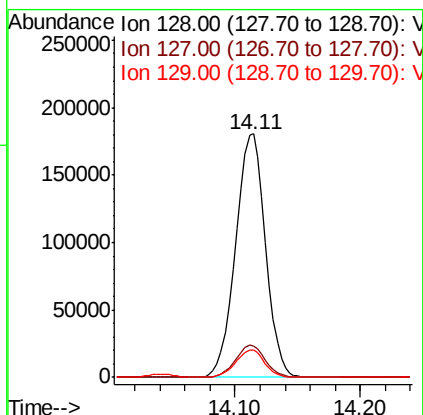
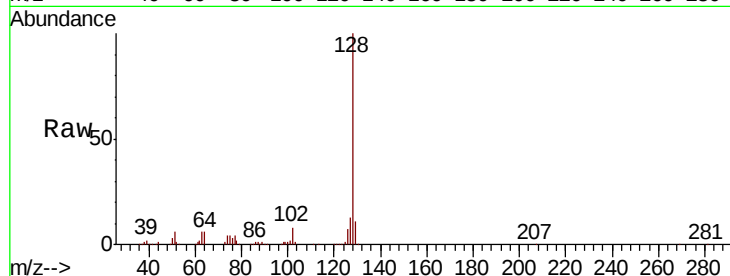




#89
Naphthalene
Concen: 8.918 ug/l
RT: 14.11 min Scan# 3973
Delta R.T. 0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:128 Resp: 297606
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.9 8.6 13.0



#90
1,2,3-Trichlorobenzene
Concen: 9.288 ug/l
RT: 14.35 min Scan# 4047
Delta R.T. 0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Tgt Ion:180 Resp: 206151
Ion Ratio Lower Upper
180 100
182 93.5 75.8 113.8
145 28.8 23.7 35.5

