

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102320\
 Data File : VU040926.D
 Acq On : 23 Oct 2020 09:56
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFB81

Quant Time: Oct 24 06:21:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U102220DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Oct 23 07:07:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.12	96	59897	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.63	95	25256	1.15	ug/l	0.00
Spiked Amount 1.000			Recovery	=	115.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	24209	1.06	ug/l	0.00
Spiked Amount 1.000			Recovery	=	106.00%	

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	273396	9.786	ug/l 99
3) Chloromethane	1.53	50	280705	9.641	ug/l 97
4) Vinyl Chloride	1.61	62	262725	9.689	ug/l 99
5) Bromomethane	1.87	94	139526	8.756	ug/l 99
6) Chloroethane	1.94	64	153725	9.277	ug/l 99
7) Trichlorofluoromethane	2.15	101	345093	10.073	ug/l 99
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	190666	10.011	ug/l 99
9) 1,1-Dichloroethene	2.59	96	165400	9.971	ug/l 100
10) Iodomethane	2.74	142	208004	10.274	ug/l 99
11) Allyl Chloride	2.94	41	346099	10.134	ug/l 99
12) Acrylonitrile	3.33	53	119086	20.364	ug/l 99
13) Acetone	2.65	43	278621	56.924	ug/l 96
14) Carbon Disulfide	2.81	76	626801	10.056	ug/l 99
15) Methylene Chloride	3.06	84	194772	9.040	ug/l 99
16) trans-1,2-Dichloroethene	3.37	96	186409	9.929	ug/l 99
17) 1,1-Dichloroethane	3.89	63	378154	9.848	ug/l 99
18) 2-Butanone	4.74	43	418148	52.813	ug/l 99
19) Cyclohexane	5.39	56	328075	9.078	ug/l 91
20) Methylcyclohexane	6.77	83	307802	11.386	ug/l 98
21) 2,2-Dichloropropane	4.68	77	329492	10.162	ug/l 99
22) cis-1,2-Dichloroethene	4.68	96	194663	9.718	ug/l 99
23) Diethyl Ether	2.39	59	164913	10.069	ug/l 99
24) tert-Butyl Alcohol	3.24	59	179538	98.264	ug/l 97
25) Methyl tert-Butyl Ether	3.38	73	515526	10.019	ug/l 99
26) Bromochloromethane	4.99	128	86786	9.968	ug/l 99
27) Chloroform	5.11	83	361908	9.862	ug/l 99
28) 1,1,1-Trichloroethane	5.33	97	310301	9.807	ug/l 98
29) 1,1-Dichloropropene	5.54	75	280185	10.107	ug/l 99
30) Carbon Tetrachloride	5.53	117	282866	9.877	ug/l 98
31) Isopropyl Ether	4.02	45	589148	9.922	ug/l 98
32) Ethyl-t-butyl ether	4.53	59	523090	10.002	ug/l 99
33) Tert-Amyl methyl ether	5.96	73	420216	10.789	ug/l 99
34) Propionitrile	4.81	54	110688	50.917	ug/l 97
35) Benzene	5.78	78	776959	10.111	ug/l 99
36) 1,2-Dichloroethane	5.81	62	284459	9.986	ug/l 100
37) Trichloroethene	6.55	130	183147	10.083	ug/l 97
38) 1,2-Dichloropropane	6.80	63	221774	10.173	ug/l 98
39) Methacrylonitrile	5.00	41	102288	10.037	ug/l 99
40) Methyl acrylate	4.87	55	144054	10.308	ug/l 98
41) Tetrahydrofuran	5.09	42	101026	19.271	ug/l 98
42) 1-Chlorobutane	5.47	56	423055	10.095	ug/l 99

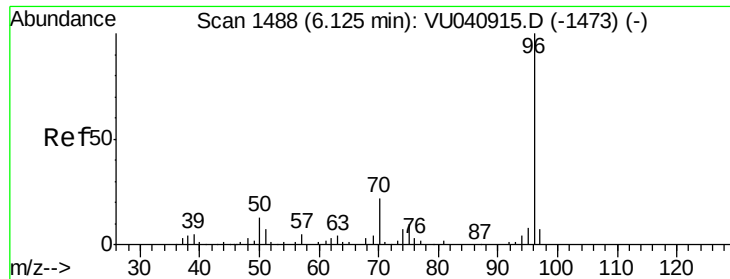
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102320\
 Data File : VU040926.D
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Quant Time: Oct 24 06:21:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U102220DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Oct 23 07:07:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.93	93	124058	10.154	ug/l	98
44) Bromodichloromethane	7.11	83	289636	10.210	ug/l	99
45) 4-Methyl-2-Pentanone	7.81	43	916880	57.160	ug/l	99
46) t-1,4-Dichloro-2-butene	10.83	75	307731	48.515	ug/l #	55
47) Methyl methacrylate	6.98	69	235824	23.118	ug/l	99
48) Ethyl methacrylate	8.34	69	195758	11.407	ug/l	100
49) Toluene	7.97	92	470695	11.138	ug/l	98
50) t-1,3-Dichloropropene	8.22	75	273756	11.166	ug/l	97
51) cis-1,3-Dichloropropene	7.62	75	285845	10.639	ug/l	99
52) 1,1,2-Trichloroethane	8.41	97	161417	10.449	ug/l	97
53) 1,3-Dichloropropane	8.58	76	289929	10.454	ug/l	99
54) 2-Hexanone	8.69	43	670289	59.812	ug/l	99
55) Dibromochloromethane	8.82	129	191173	10.321	ug/l	98
56) 1,2-Dibromoethane	8.93	107	152205	10.626	ug/l	97
58) Tetrachloroethene	8.56	164	170914	10.065	ug/l	99
59) Chlorobenzene	9.45	112	479723	10.723	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.54	131	180015	10.241	ug/l	99
61) Pentachloroethane	11.42	117	145233	10.229	ug/l	100
62) Hexachloroethane	12.47	117	155772	10.779	ug/l	98
63) Ethyl Benzene	9.57	91	862728	11.643	ug/l	99
64) m/p-Xylenes	9.69	106	695219	21.163	ug/l	99
65) o-Xylene	10.10	106	311228	11.961	ug/l	100
66) Styrene	10.11	104	576058	10.609	ug/l	99
67) Bromoform	10.29	173	103590	10.333	ug/l	99
69) Isopropylbenzene	10.48	105	822355	11.850	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.78	83	219199	10.429	ug/l	100
71) 1,2,3-Trichloropropane	10.83	75	307731	19.205	ug/l	70
72) Bromobenzene	10.78	156	197132	10.895	ug/l	100
73) n-propylbenzene	10.90	120	241404	10.472	ug/l	96
74) 2-Chlorotoluene	10.98	126	203024	11.275	ug/l	98
75) 1,3,5-Trimethylbenzene	11.09	105	754779	10.439	ug/l	100
76) 4-Chlorotoluene	11.10	126	220756	11.829	ug/l	100
77) tert-Butylbenzene	11.42	119	688623	11.740	ug/l	98
78) 1,2,4-Trimethylbenzene	11.46	105	791800	10.557	ug/l	100
79) sec-Butylbenzene	11.64	105	981549	12.053	ug/l	100
80) Nitrobenzene	13.20	77	53485	53.803	ug/l	97
81) p-Isopropyltoluene	11.79	119	834669	10.535	ug/l	99
82) 1,3-Dichlorobenzene	11.74	146	420047	10.643	ug/l	99
83) 1,4-Dichlorobenzene	11.83	146	433462	10.861	ug/l	99
84) n-Butylbenzene	12.20	91	844762	12.393	ug/l	100
85) 1,2-Dichlorobenzene	12.20	146	414879	10.990	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.99	75	40435	10.305	ug/l	98
87) 1,2,4-Trichlorobenzene	13.83	180	243600	11.009	ug/l	98
88) Hexachlorobutadiene	14.01	225	137435	11.063	ug/l	99
89) Naphthalene	14.08	128	531338	9.561	ug/l	99
90) 1,2,3-Trichlorobenzene	14.32	180	251013	11.659	ug/l	100

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.12 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

Instrument :

MSVOA_U

ClientSampleId :

BFB81

Tot Ion: 96 Resp: 59897

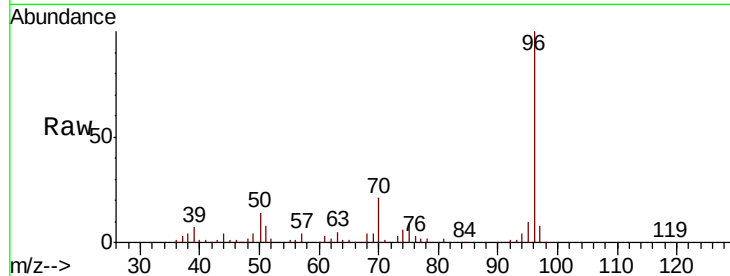
Ion Ratio Lower Upper

96 100

70 22.5 16.3 24.5

95 10.2 7.3 10.9

97 0.0 0.0 0.0

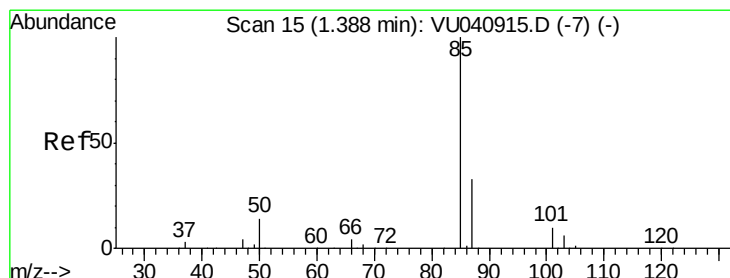
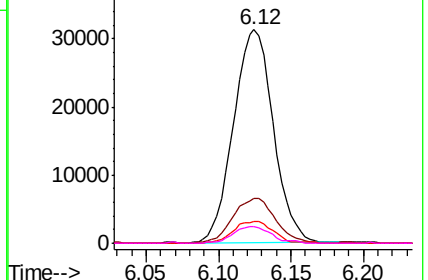
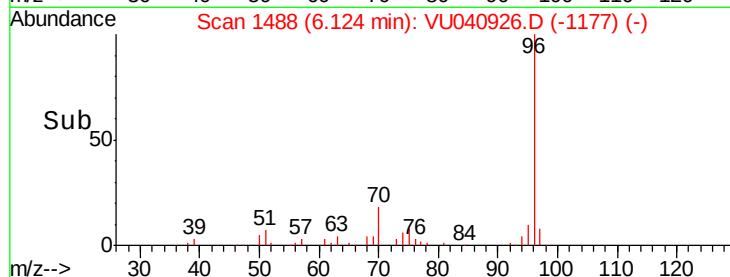


Abundance Ion 96.00 (95.70 to 96.70): VU040915.D (-1473) (-)

Ion 70.00 (69.70 to 70.70): VU040915.D (-1473) (-)

Ion 95.00 (94.70 to 95.70): VU040915.D (-1473) (-)

Ion 97.00 (96.70 to 97.70): VU040915.D (-1473) (-)



#2

Dichlorodifluoromethane

Concen: 9.786 ug/l

RT: 1.39 min Scan# 16

Delta R.T. 0.00 min

Lab File: VU040926.D

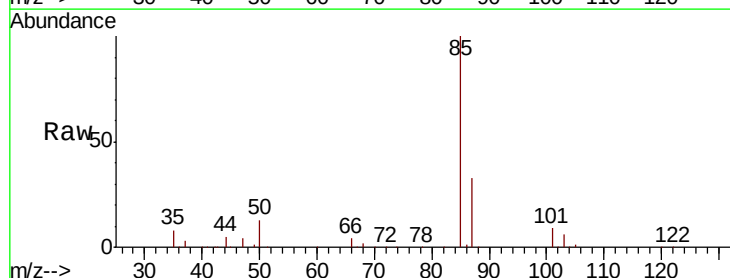
Acq: 23 Oct 2020 09:56

Tgt Ion: 85 Resp: 273396

Ion Ratio Lower Upper

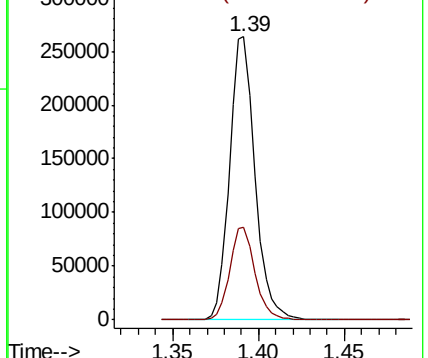
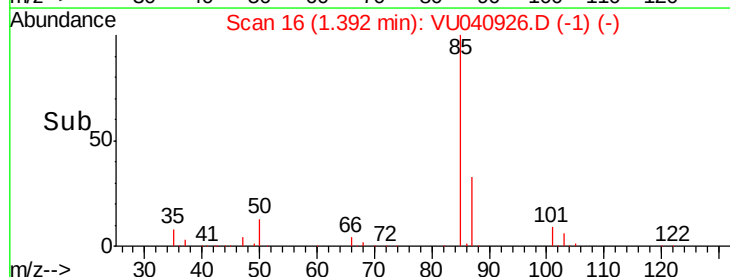
85 100

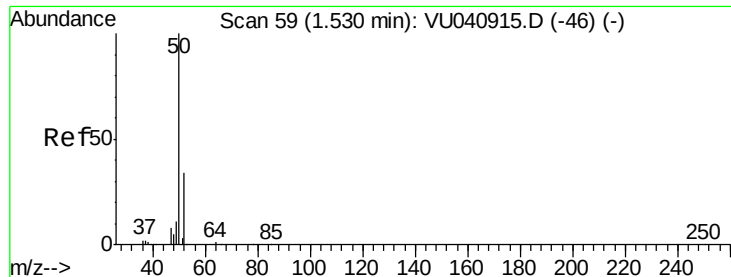
87 32.6 16.5 49.5



Abundance Ion 85.00 (84.70 to 85.70): VU040915.D (-7) (-)

Ion 87.00 (86.70 to 87.70): VU040915.D (-7) (-)





#3

Chloromethane

Concen: 9.641 ug/l

RT: 1.53 min Scan# 59

Delta R.T. -0.00 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

Instrument :

MSVOA_U

ClientSampled :

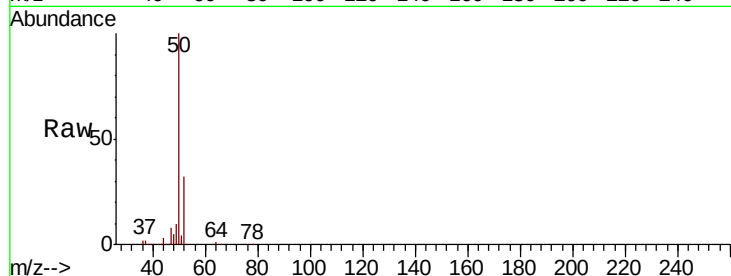
BFB81

Tot Ion: 50 Resp: 280705

Ion Ratio Lower Upper

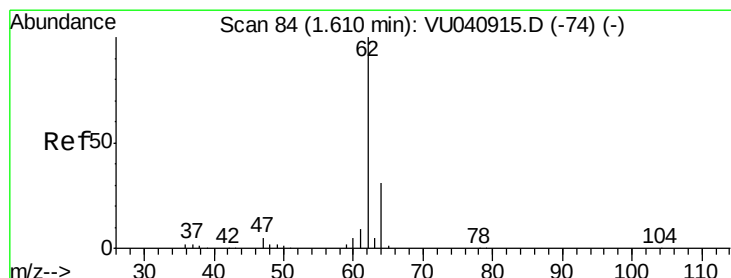
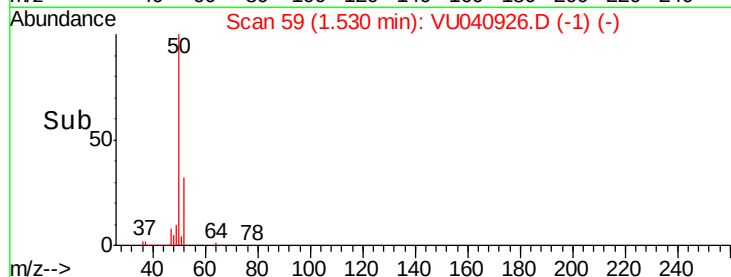
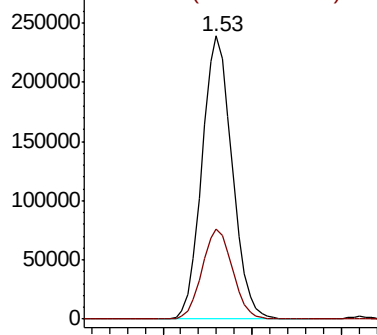
50 100

52 31.7 26.9 40.3



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#4

Vinyl Chloride

Concen: 9.689 ug/l

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU040926.D

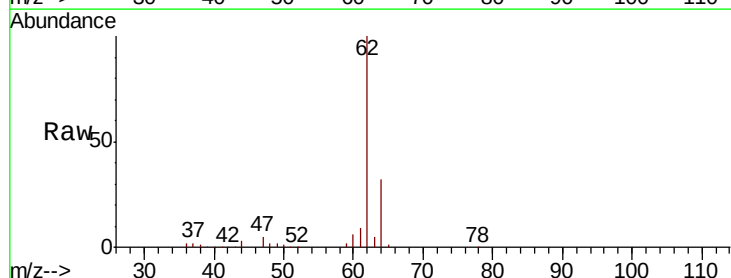
Acq: 23 Oct 2020 09:56

Tgt Ion: 62 Resp: 262725

Ion Ratio Lower Upper

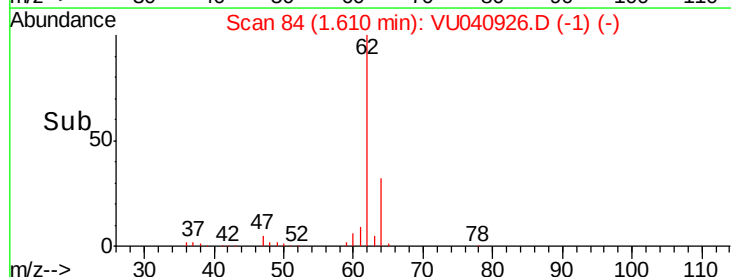
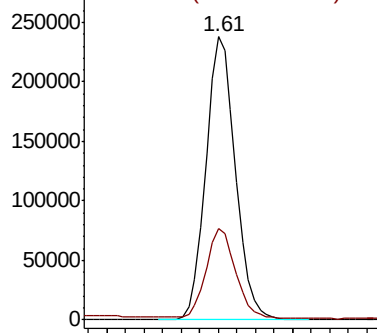
62 100

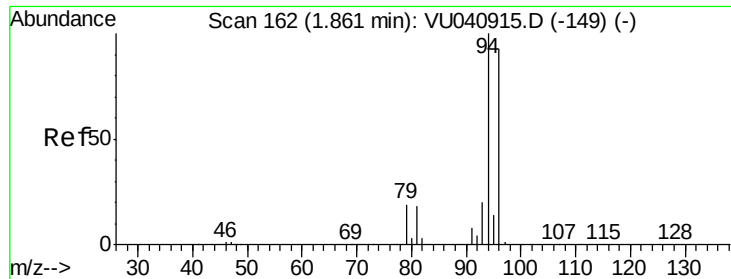
64 31.6 24.7 37.1



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0





#5

Bromomethane

Concen: 8.756 ug/l

RT: 1.87 min Scan# 164

Delta R.T. 0.01 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

Instrument :

MSVOA_U

ClientSampleId :

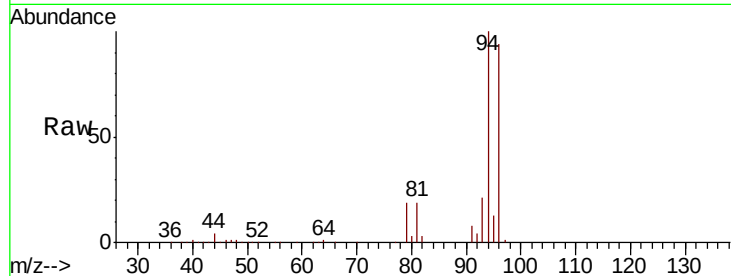
BFB81

Tot Ion: 94 Resp: 139526

Ion Ratio Lower Upper

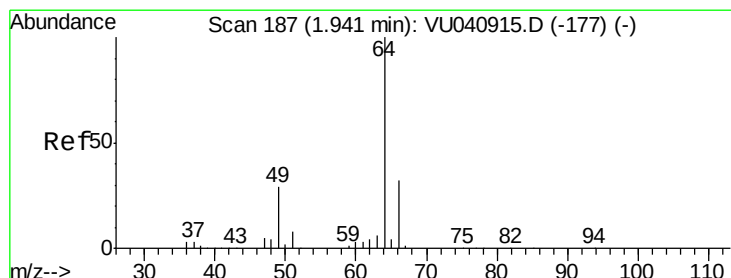
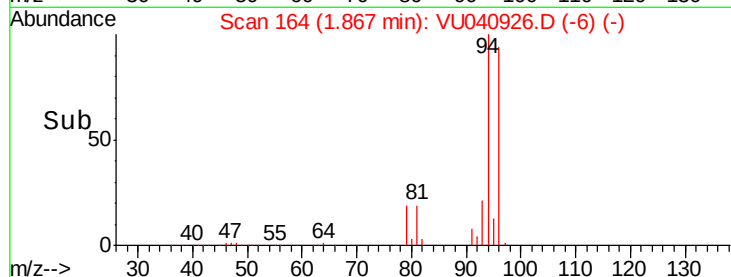
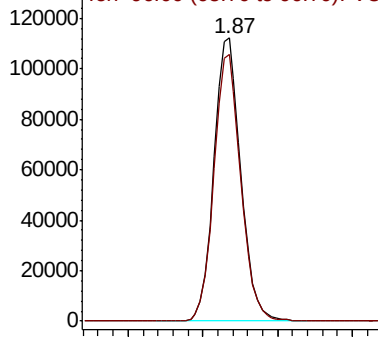
94 100

96 94.2 74.4 111.6



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#6

Chloroethane

Concen: 9.277 ug/l

RT: 1.94 min Scan# 187

Delta R.T. 0.00 min

Lab File: VU040926.D

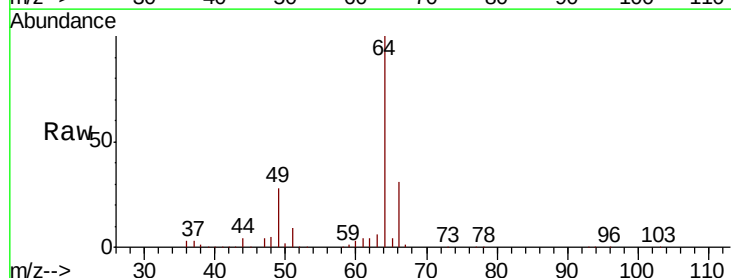
Acq: 23 Oct 2020 09:56

Tgt Ion: 64 Resp: 153725

Ion Ratio Lower Upper

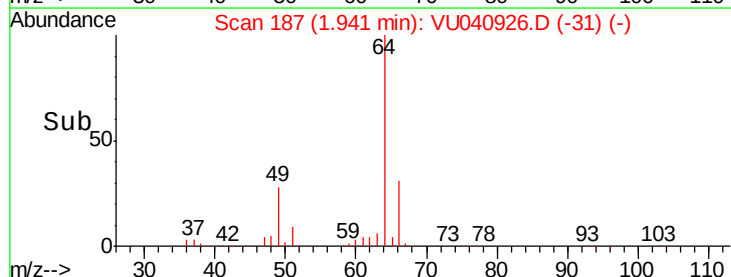
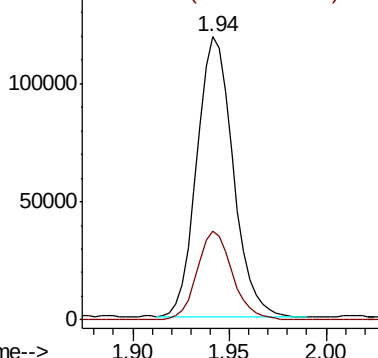
64 100

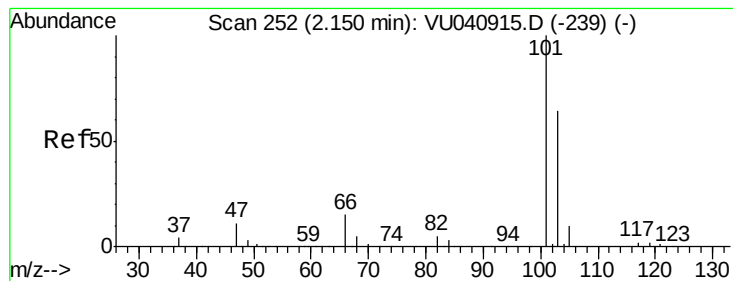
66 31.4 25.4 38.2



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0



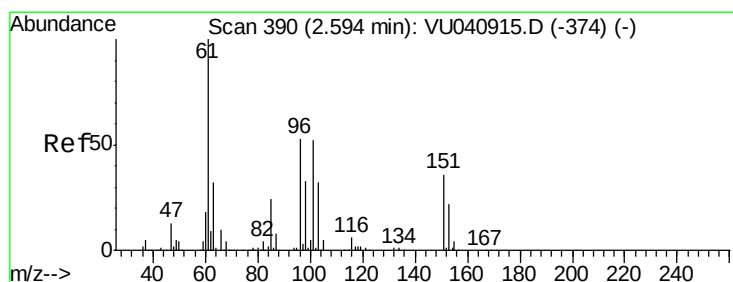
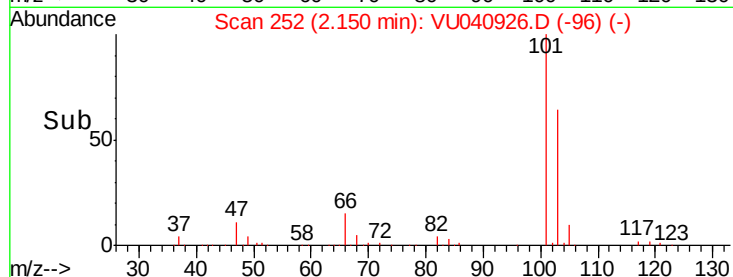
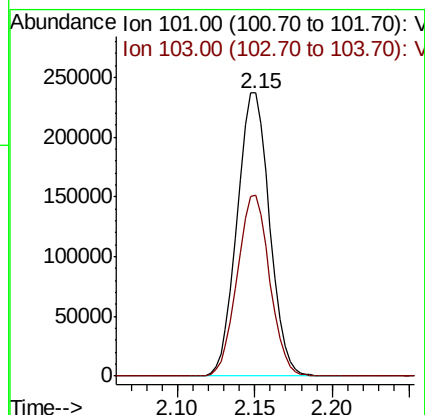
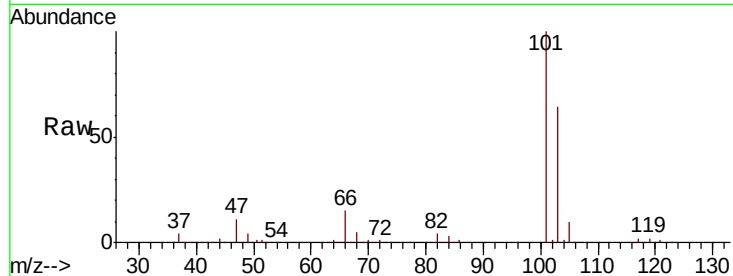


#7

Trichlorofluoromethane
 Concen: 10.073 ug/l
 RT: 2.15 min Scan# 252
 Delta R.T. -0.00 min
 Lab File: VU040926.D
 Acq: 23 Oct 2020 09:56

Instrument :
 MSVOA_U
 ClientSampled :
 BFB81

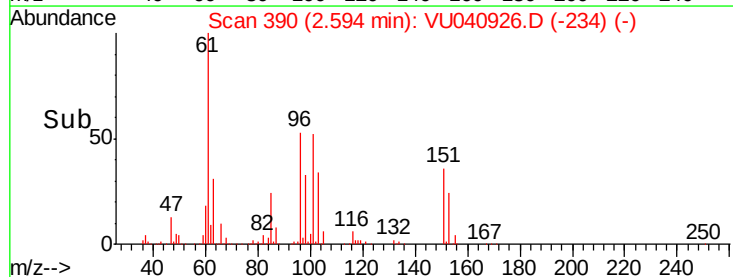
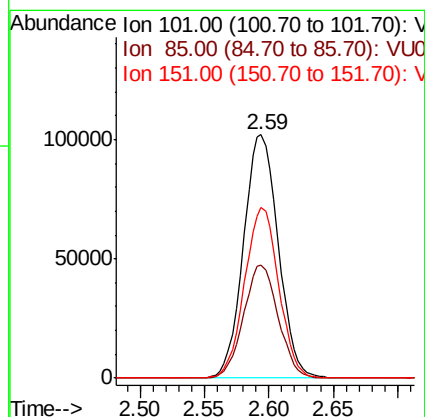
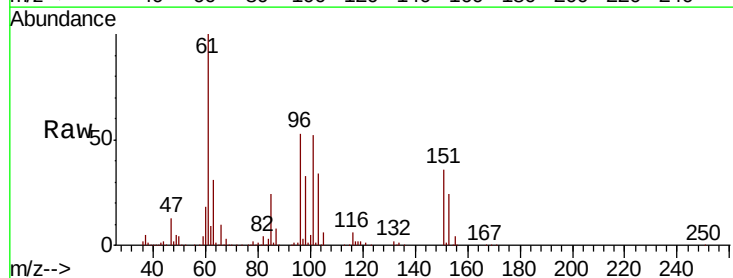
Tot Ion:101 Resp: 345093
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.5 77.3

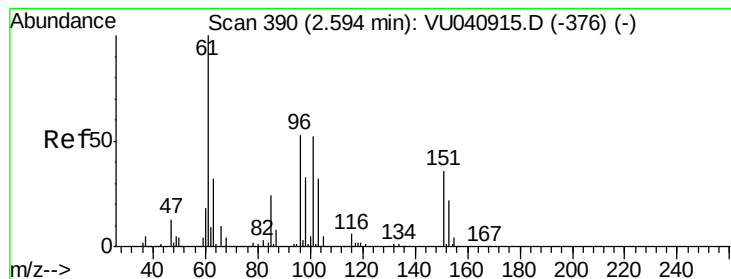


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.011 ug/l
 RT: 2.59 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VU040926.D
 Acq: 23 Oct 2020 09:56

Tgt Ion:101 Resp: 190666
 Ion Ratio Lower Upper
 101 100
 85 46.6 36.2 54.2
 151 69.1 55.1 82.7





#9

1,1-Dichloroethene

Concen: 9.971 ug/l

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

Instrument :

MSVOA_U

ClientSampleId :

BFB81

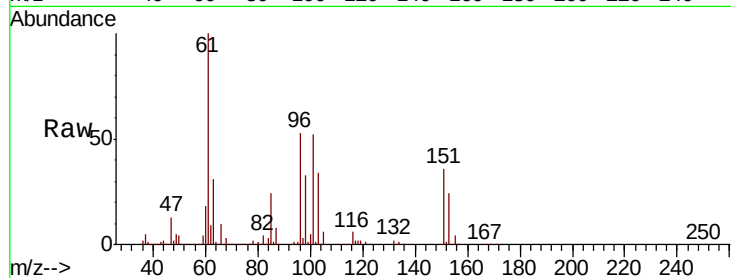
Tot Ion: 96 Resp: 165400

Ion Ratio Lower Upper

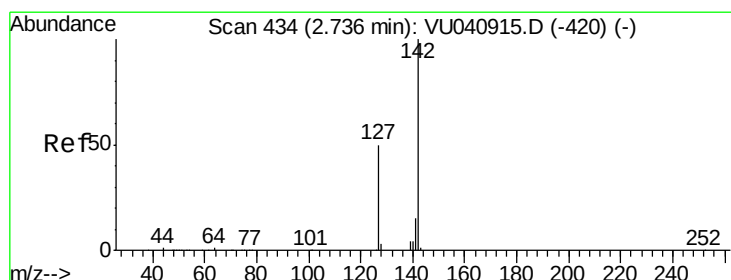
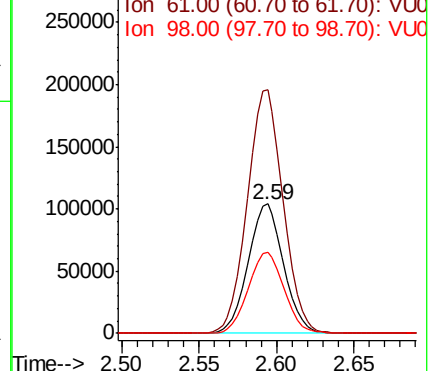
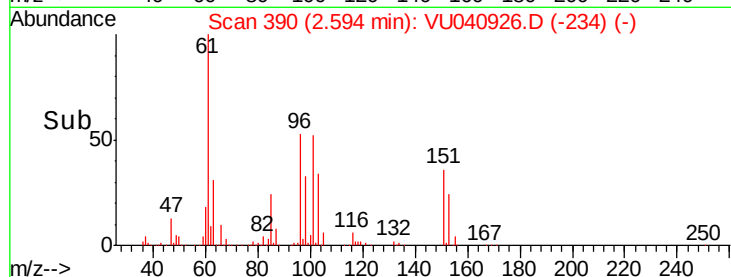
96 100

61 187.8 0.0 561.9

98 62.8 0.0 125.0



Abundance Ion 96.00 (95.70 to 96.70): VU040926.D (-234) (-)



#10

Iodomethane

Concen: 10.274 ug/l

RT: 2.74 min Scan# 434

Delta R.T. 0.00 min

Lab File: VU040926.D

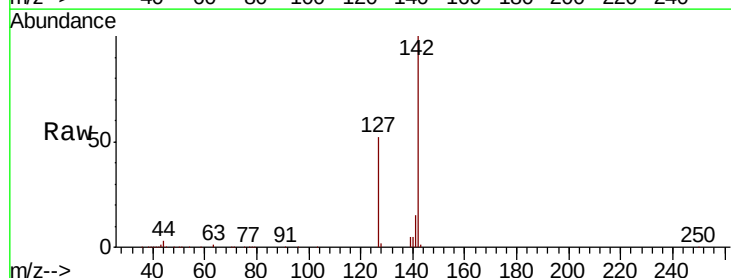
Acq: 23 Oct 2020 09:56

Tgt Ion: 142 Resp: 208004

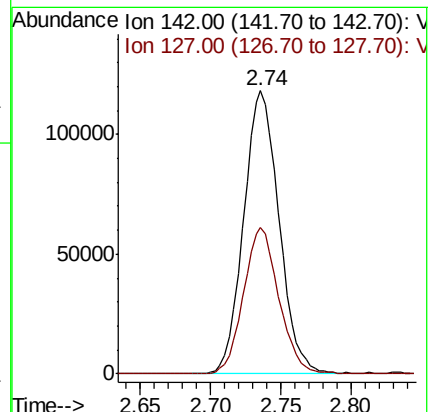
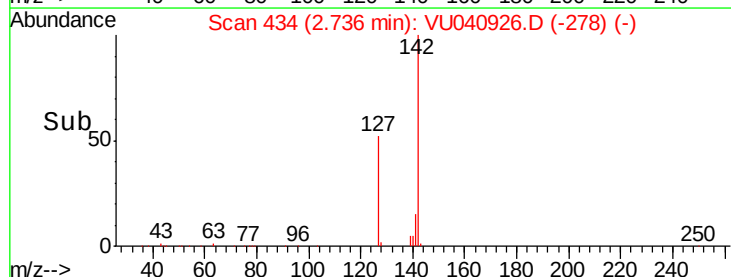
Ion Ratio Lower Upper

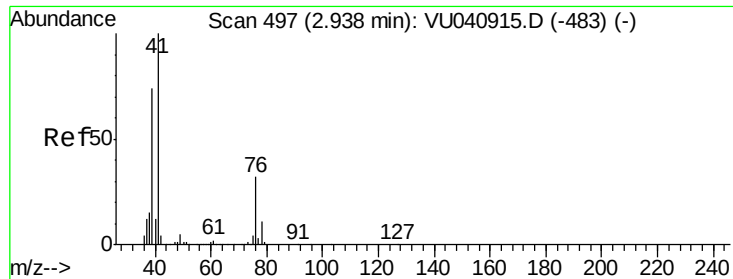
142 100

127 51.7 40.6 60.8



Abundance Ion 142.00 (141.70 to 142.70): VU040926.D (-278) (-)

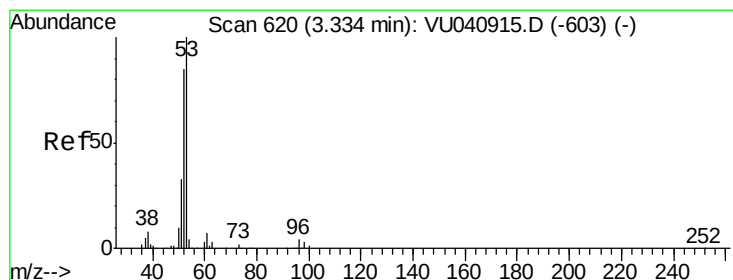
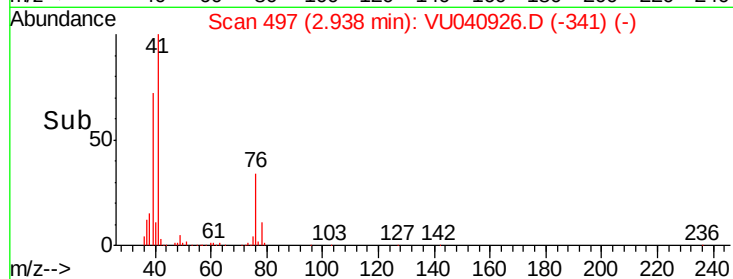
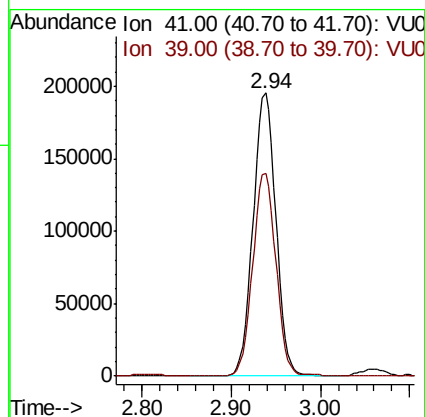
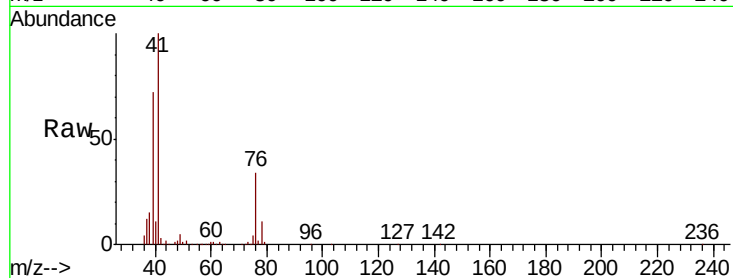




#11
Allvl Chloride
Concen: 10.134 ug/l
RT: 2.94 min Scan# 497
Delta R.T. -0.00 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

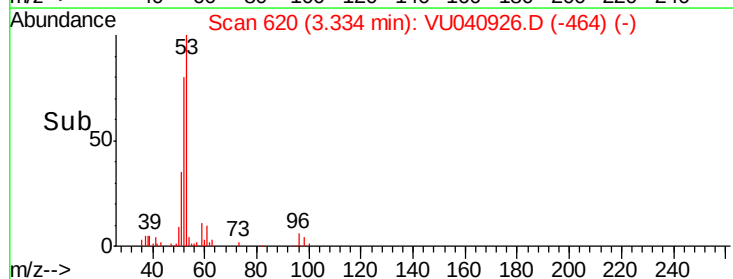
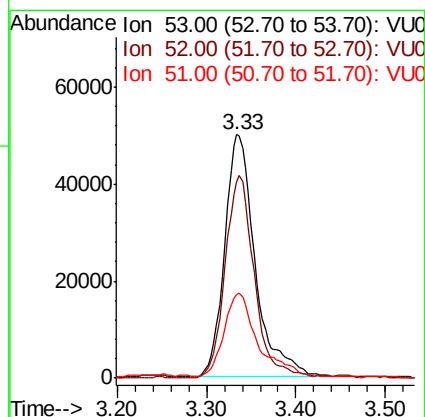
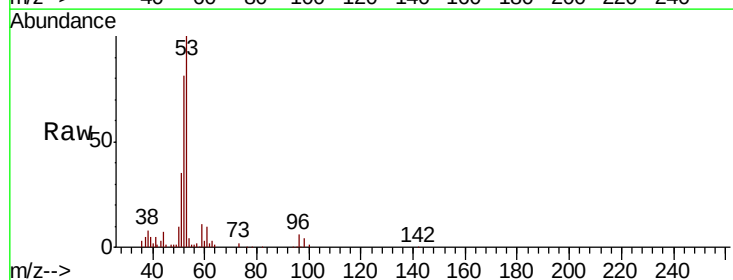
Instrument :
MSVOA_U
ClientSampleId :
BFB81

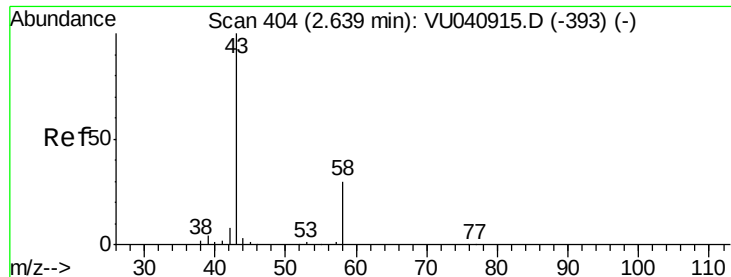
Tot Ion: 41 Resp: 346099
Ion Ratio Lower Upper
41 100
39 72.5 59.0 88.4



#12
Acrylonitrile
Concen: 20.364 ug/l
RT: 3.33 min Scan# 620
Delta R.T. -0.00 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

Tgt Ion: 53 Resp: 119086
Ion Ratio Lower Upper
53 100
52 79.7 63.1 94.7
51 37.4 30.6 46.0





#13

Acetone

Concen: 56.924 ug/l

RT: 2.65 min Scan# 407

Delta R.T. 0.01 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

Instrument :

MSVOA_U

ClientSampled :

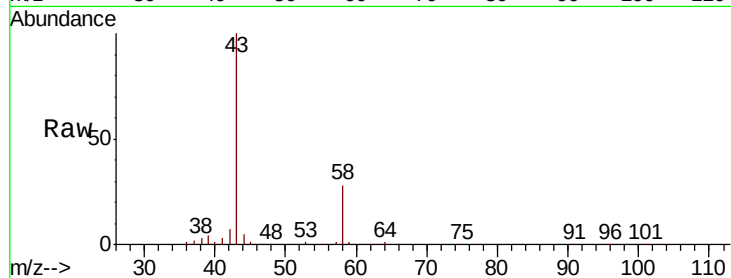
BFB81

Tot Ion: 43 Resp: 278621

Ion Ratio Lower Upper

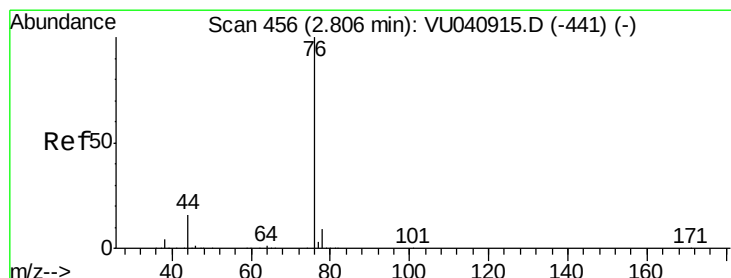
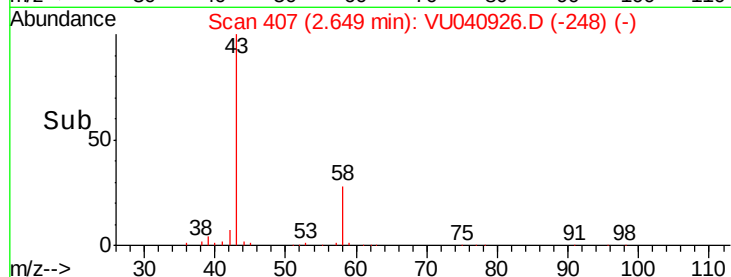
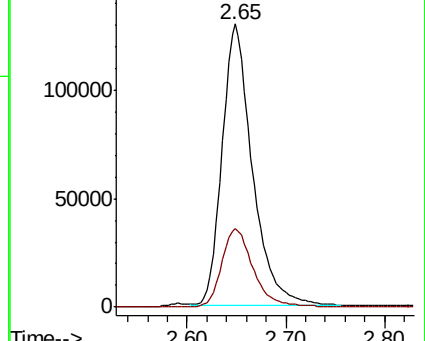
43 100

58 27.5 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VU040926.D (-248) (-)

Ion 58.00 (57.70 to 58.70): VU040926.D (-248) (-)



#14

Carbon Disulfide

Concen: 10.056 ug/l

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU040926.D

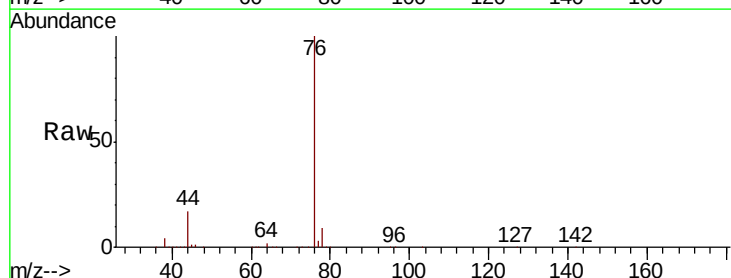
Acq: 23 Oct 2020 09:56

Tgt Ion: 76 Resp: 626801

Ion Ratio Lower Upper

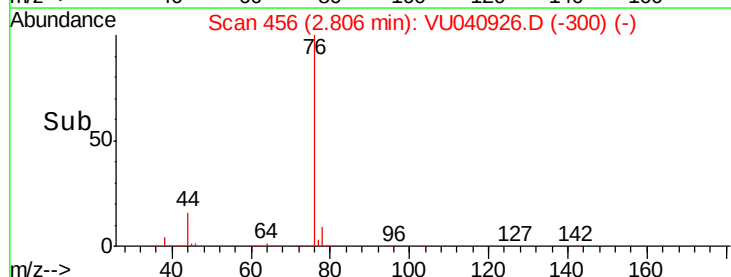
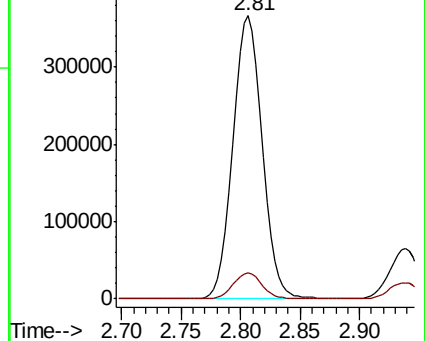
76 100

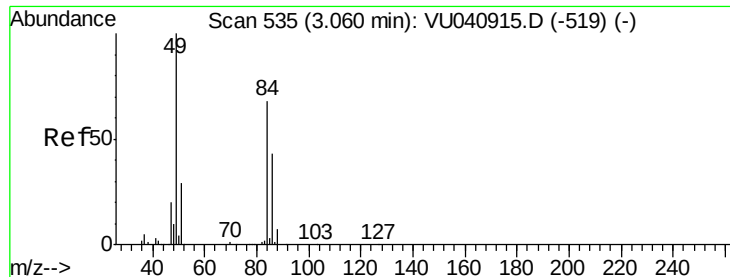
78 9.1 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VU040926.D (-300) (-)

Ion 78.00 (77.70 to 78.70): VU040926.D (-300) (-)

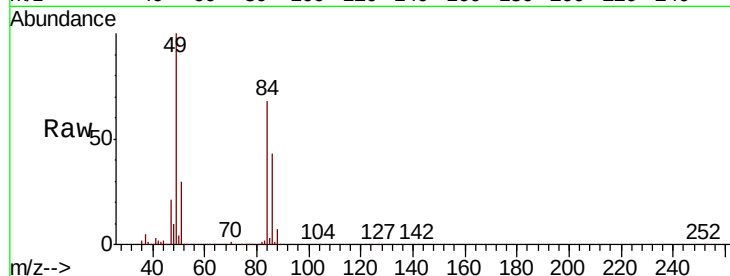




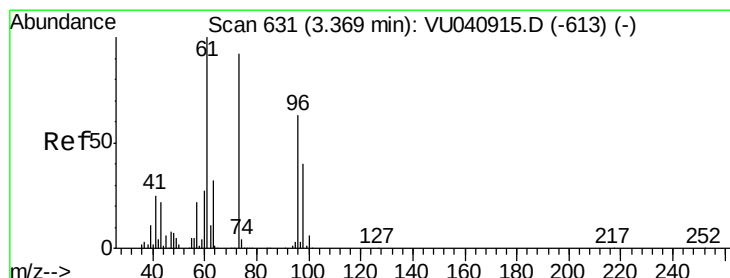
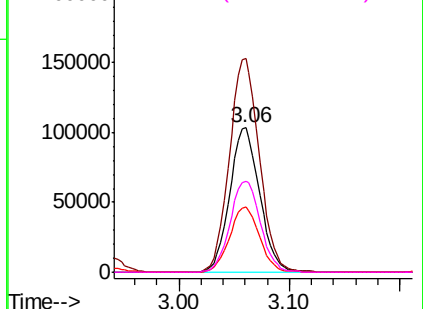
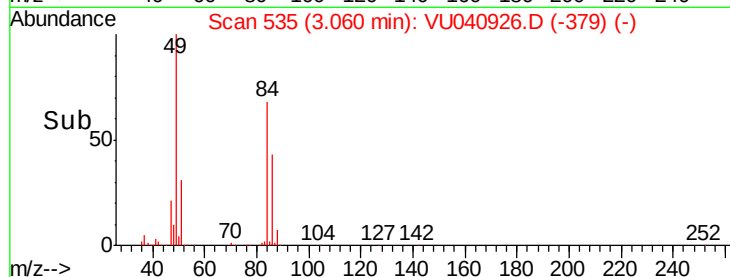
#15
Methylene Chloride
Concen: 9.040 ug/l
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

Instrument :
MSVOA_U
ClientSampled :
BFB81

Tot Ion:	84	Resp:	194772
Ion	Ratio	Lower	Upper
84	100		
49	147.8	118.2	177.4
51	45.0	0.0	86.8
86	63.4	51.2	76.8

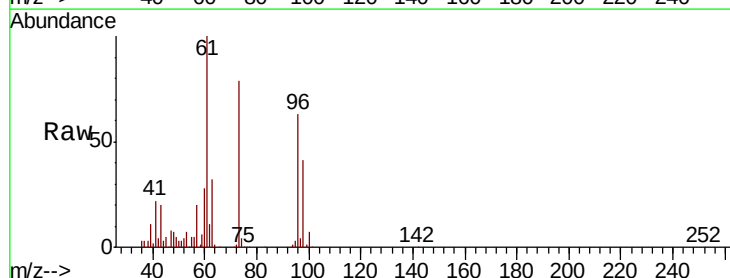


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 49.00 (48.70 to 49.70): VU0
Ion 51.00 (50.70 to 51.70): VU0
Ion 86.00 (85.70 to 86.70): VU0

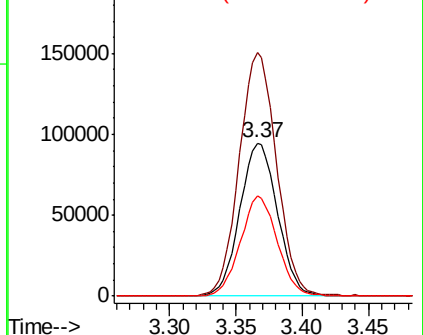
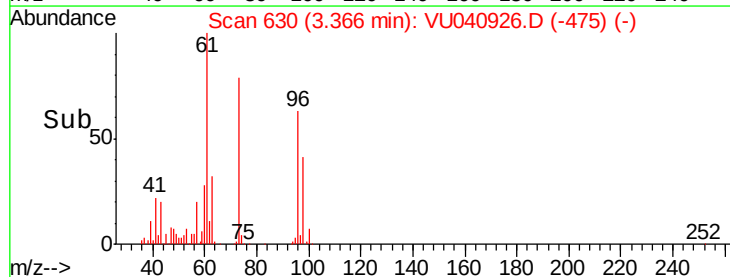


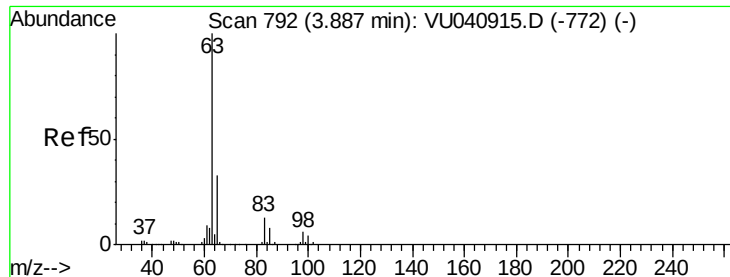
#16
trans-1,2-Dichloroethene
Concen: 9.929 ug/l
RT: 3.37 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

Tgt Ion:	96	Resp:	186409
Ion	Ratio	Lower	Upper
96	100		
61	159.2	127.0	190.4
98	65.3	51.2	76.8



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

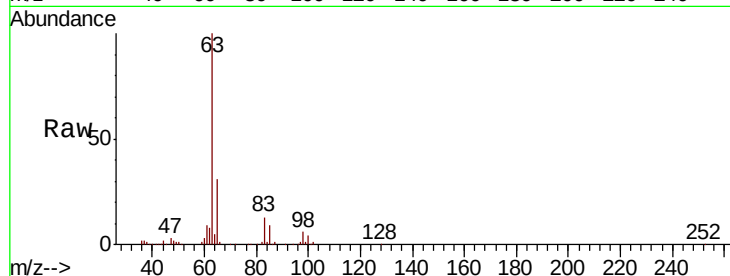




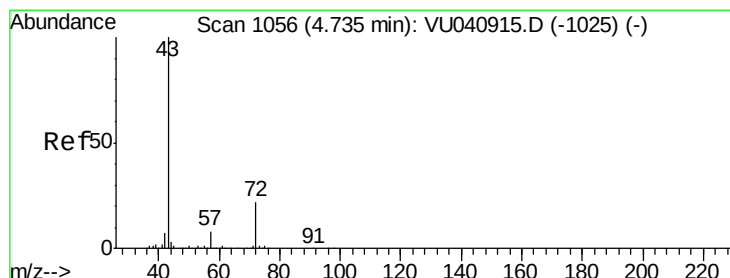
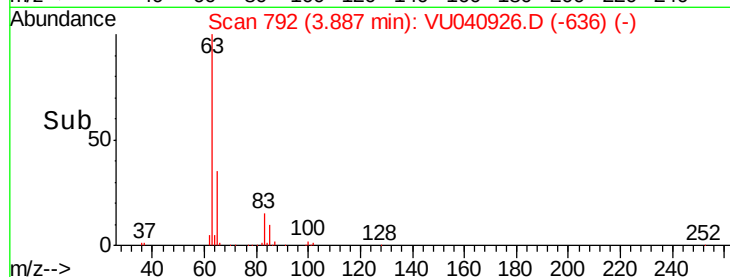
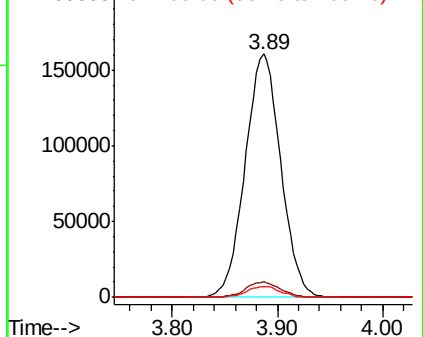
#17
 1,1-Dichloroethane
 Concen: 9.848 ug/l
 RT: 3.89 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: VU040926.D
 Acq: 23 Oct 2020 09:56

Instrument :
 MSVOA_U
 ClientSampleId :
 BFB81

Tot Ion	Ratio	Lower	Upper
63	100		
98	6.3	3.0	9.2
100	4.4	1.8	5.5

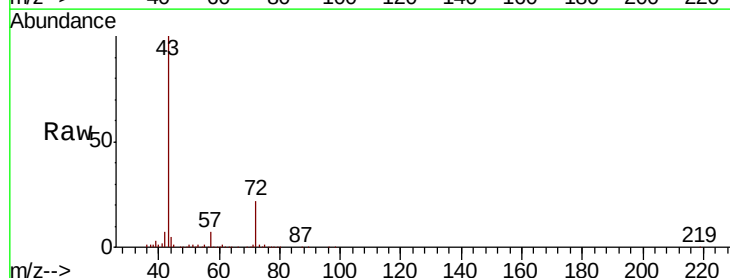


Abundance Ion 63.00 (62.70 to 63.70): VU040915.D (-772) (-)
 Ion 98.00 (97.70 to 98.70): VU040915.D (-772) (-)
 Ion 100.00 (99.70 to 100.70): VU040915.D (-772) (-)

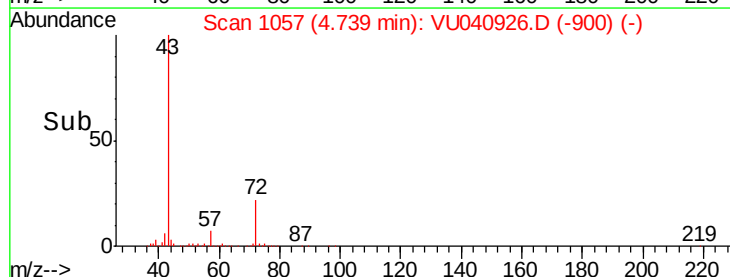
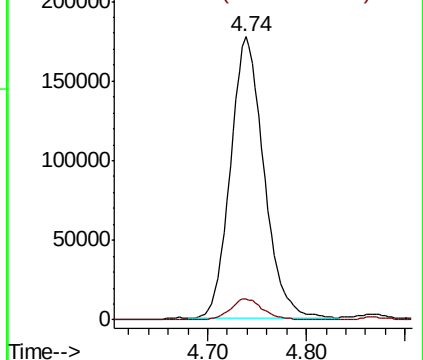


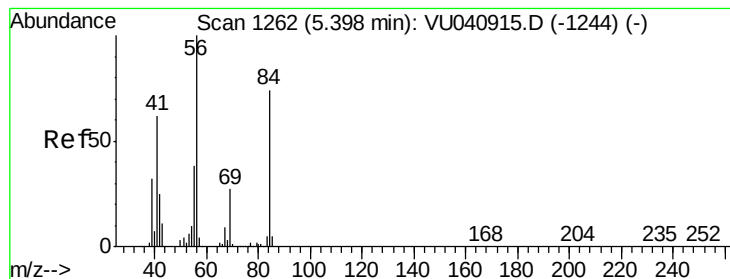
#18
 2-Butanone
 Concen: 52.813 ug/l
 RT: 4.74 min Scan# 1057
 Delta R.T. 0.00 min
 Lab File: VU040926.D
 Acq: 23 Oct 2020 09:56

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.3	0.0	15.2



Abundance Ion 43.00 (42.70 to 43.70): VU040915.D (-1025) (-)
 Ion 57.00 (56.70 to 57.70): VU040915.D (-1025) (-)





#19

Cyclohexane

Concen: 9.078 ug/l

RT: 5.39 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

Instrument :

MSVOA_U

ClientSampleId :

BFB81

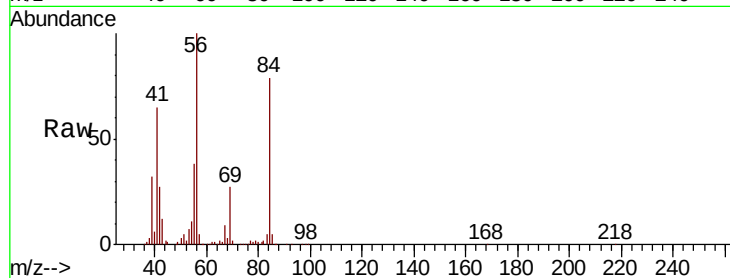
Tot Ion: 56 Resp: 328075

Ion Ratio Lower Upper

56 100

69 31.0 22.2 33.2

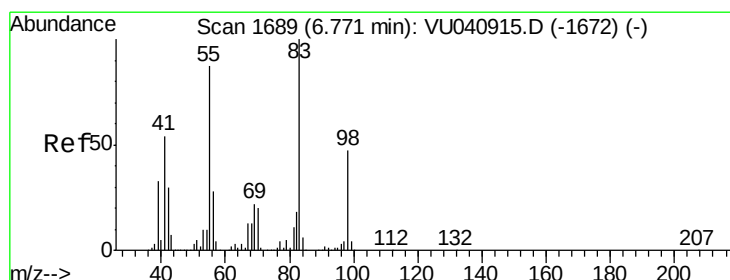
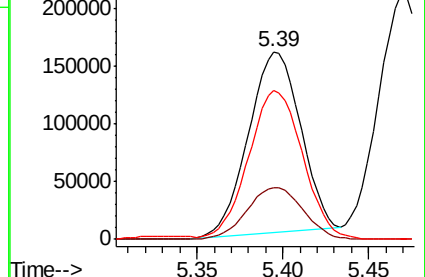
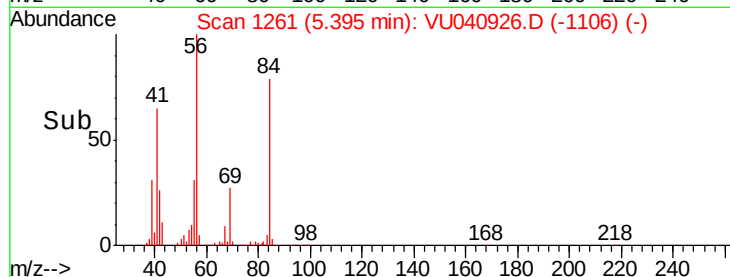
84 84.0 60.1 90.1



Abundance Ion 56.00 (55.70 to 56.70): VU040926.D (-1106) (-)

Ion 69.00 (68.70 to 69.70): VU040926.D (-1106) (-)

Ion 84.00 (83.70 to 84.70): VU040926.D (-1106) (-)



#20

Methylcyclohexane

Concen: 11.386 ug/l

RT: 6.77 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

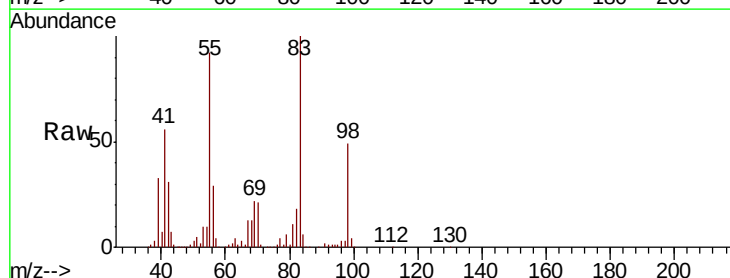
Tgt Ion: 83 Resp: 307802

Ion Ratio Lower Upper

83 100

55 90.5 71.0 106.4

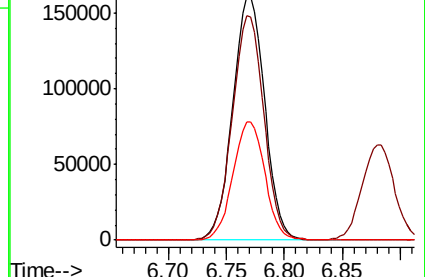
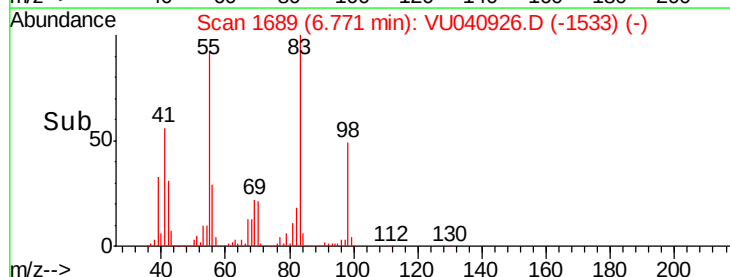
98 48.4 38.1 57.1

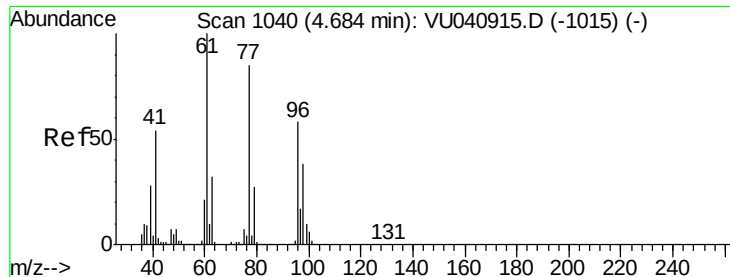


Abundance Ion 83.00 (82.70 to 83.70): VU040926.D (-1533) (-)

Ion 55.00 (54.70 to 55.70): VU040926.D (-1533) (-)

Ion 98.00 (97.70 to 98.70): VU040926.D (-1533) (-)





#21

2,2-Dichloropropane

Concen: 10.162 ug/l

RT: 4.68 min Scan# 1039

Delta R.T. -0.00 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

Instrument :

MSVOA_U

ClientSampled :

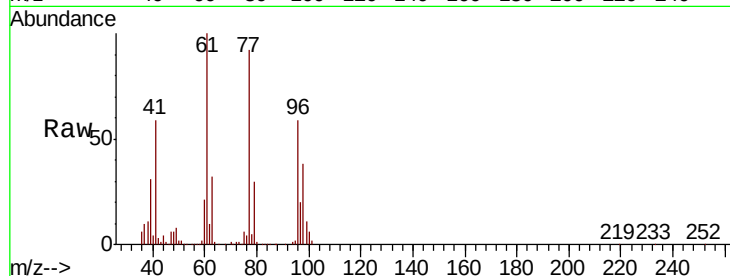
BFB81

Tot Ion: 77 Resp: 329492

Ion Ratio Lower Upper

77 100

97 20.4 16.0 24.0



Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

150000

100000

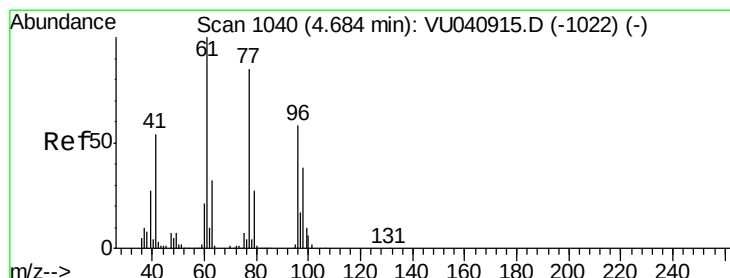
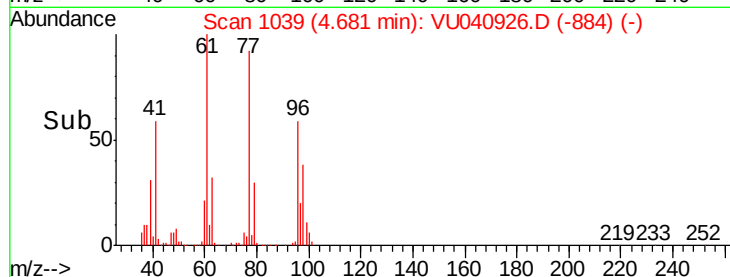
50000

0

4.68

4.60 4.70 4.80

Time-->



#22

cis-1,2-Dichloroethene

Concen: 9.718 ug/l

RT: 4.68 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

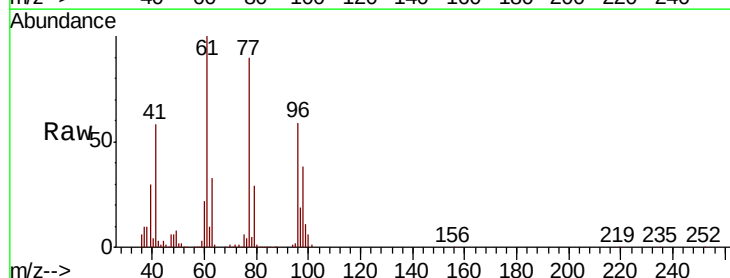
Tgt Ion: 96 Resp: 194663

Ion Ratio Lower Upper

96 100

61 173.3 0.0 434.5

98 63.3 32.6 97.8



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

200000

150000

100000

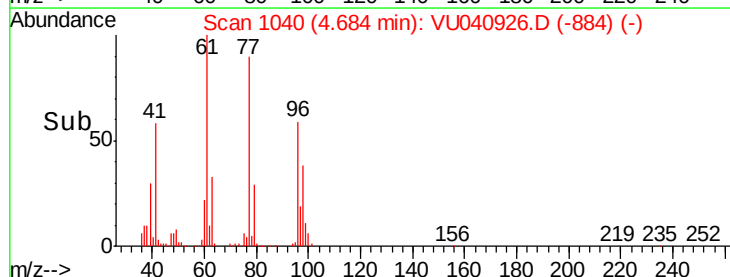
50000

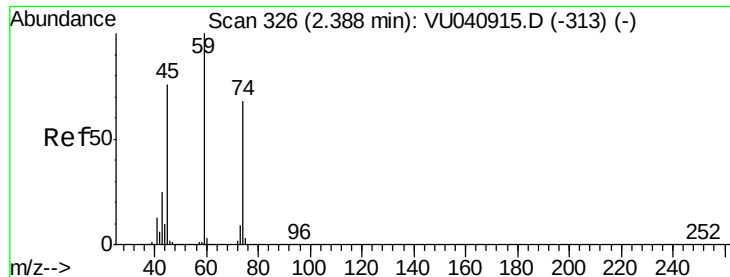
0

4.68

4.60 4.65 4.70 4.75

Time-->

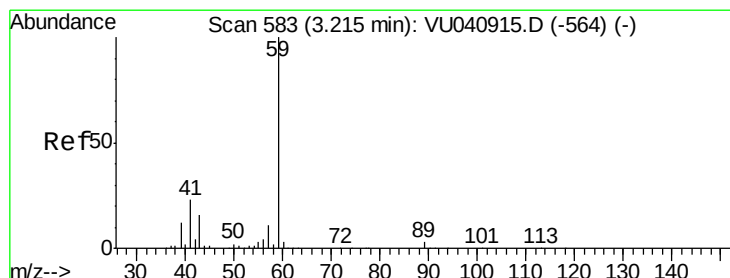
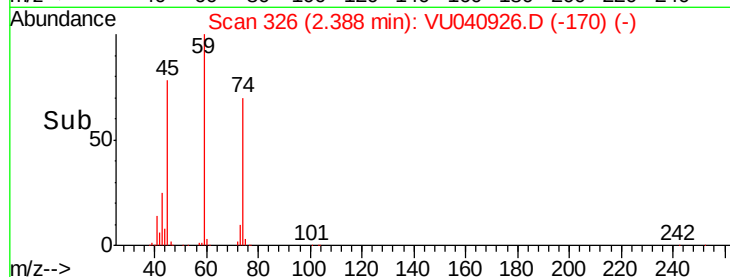
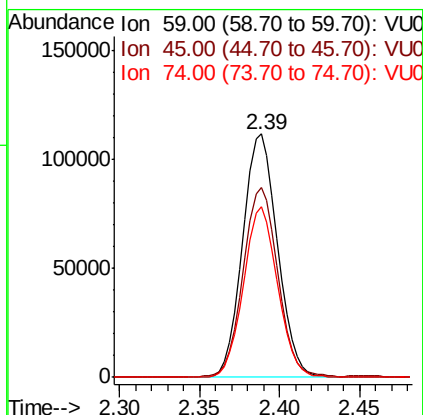
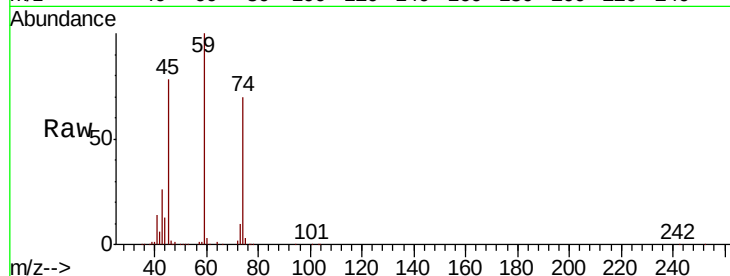




#23
Diethyl Ether
Concen: 10.069 ug/l
RT: 2.39 min Scan# 326
Delta R.T. -0.00 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

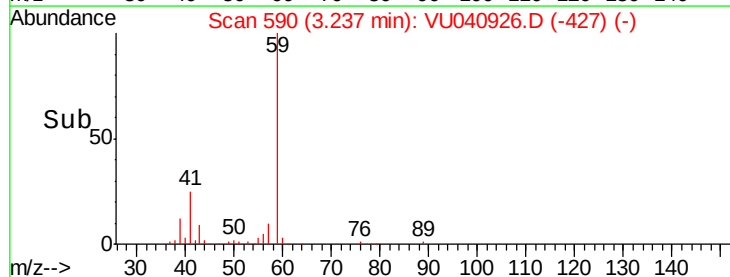
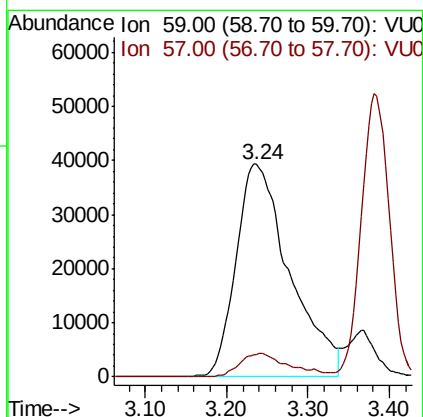
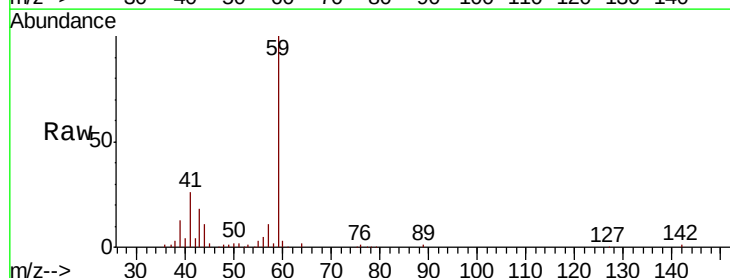
Instrument :
MSVOA_U
ClientSampleId :
BFB81

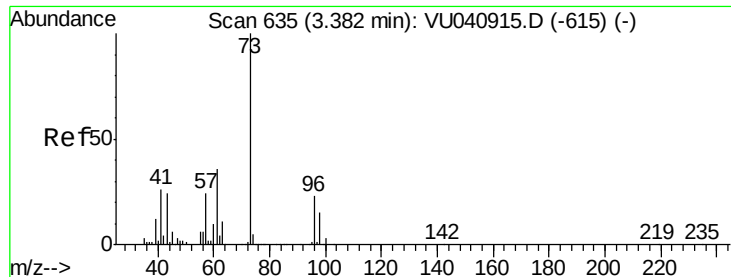
Tot Ion: 59 Resp: 164913
Ion Ratio Lower Upper
59 100
45 77.6 61.4 92.2
74 68.8 55.0 82.4



#24
tert-Butyl Alcohol
Concen: 98.264 ug/l
RT: 3.24 min Scan# 590
Delta R.T. 0.02 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

Tgt Ion: 59 Resp: 179538
Ion Ratio Lower Upper
59 100
57 9.2 8.4 12.6



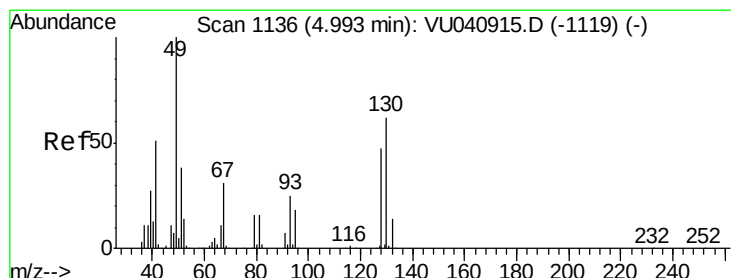
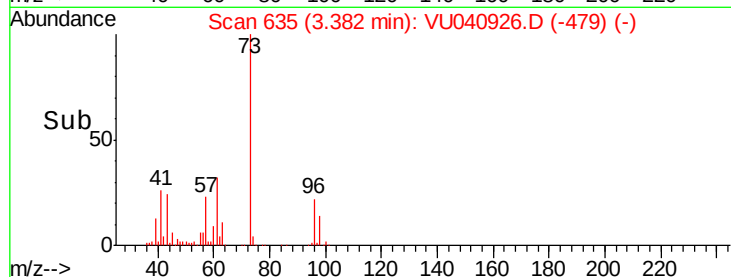
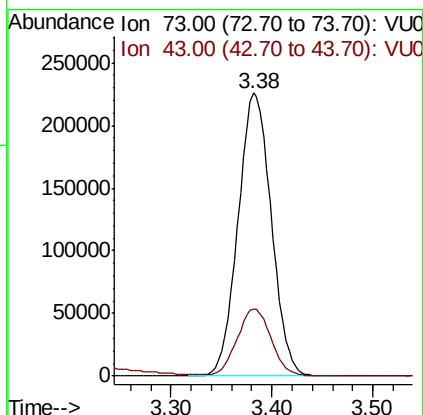
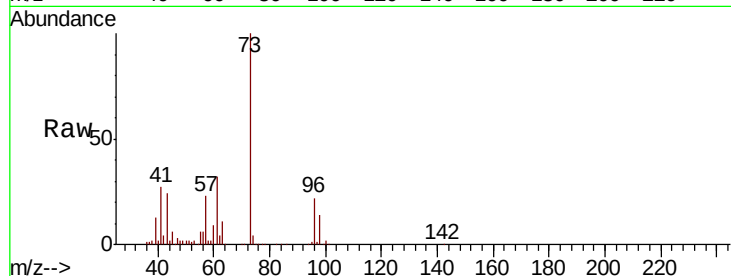


#25

Methyl tert-Butyl Ether
 Concen: 10.019 ug/l
 RT: 3.38 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: VU040926.D
 Acq: 23 Oct 2020 09:56

Instrument :
 MSVOA_U
 ClientSampleId :
 BFB81

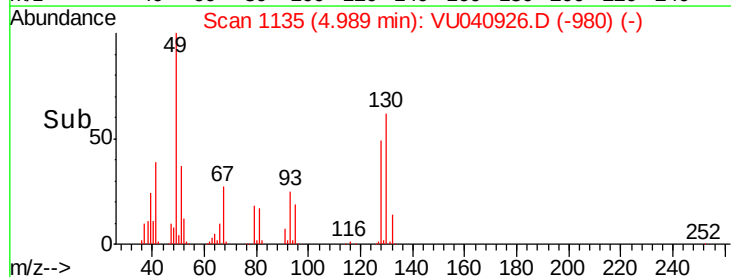
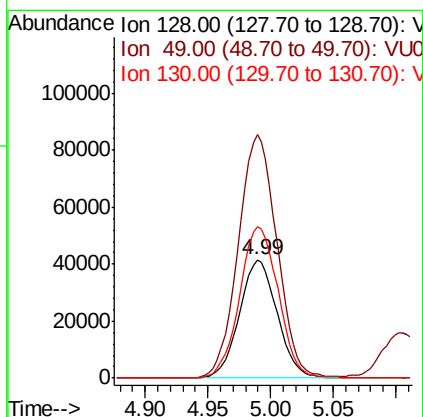
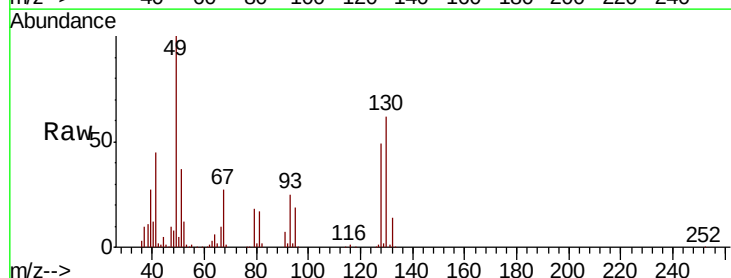
Tot Ion: 73 Resp: 51526
 Ion Ratio Lower Upper
 73 100
 43 24.2 19.0 28.6

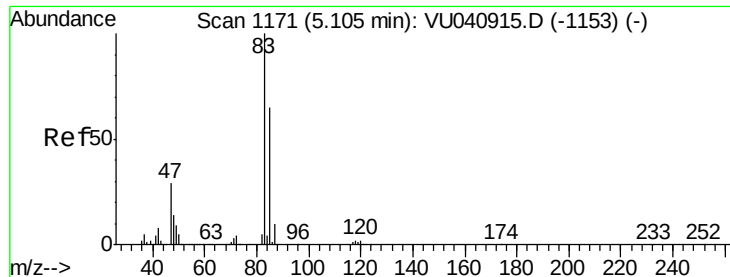


#26

Bromochloromethane
 Concen: 9.968 ug/l
 RT: 4.99 min Scan# 1135
 Delta R.T. -0.00 min
 Lab File: VU040926.D
 Acq: 23 Oct 2020 09:56

Tgt Ion: 128 Resp: 86786
 Ion Ratio Lower Upper
 128 100
 49 211.2 0.0 426.4
 130 130.9 106.2 159.4

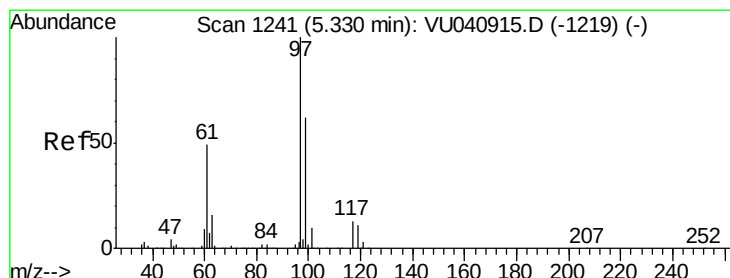
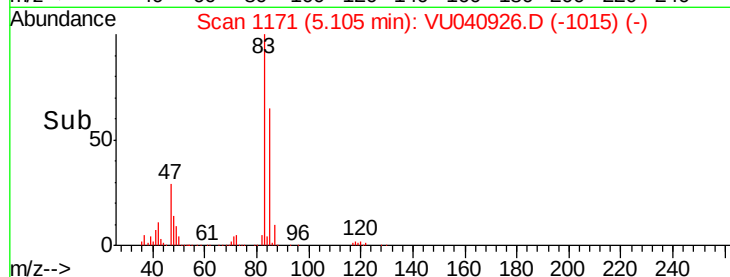
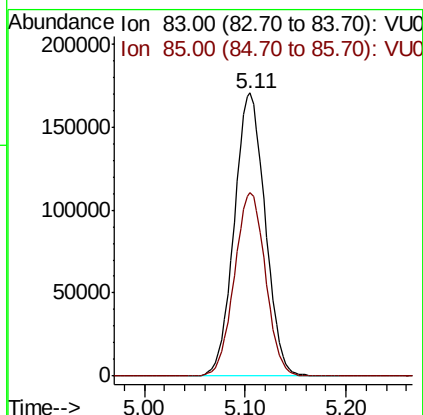
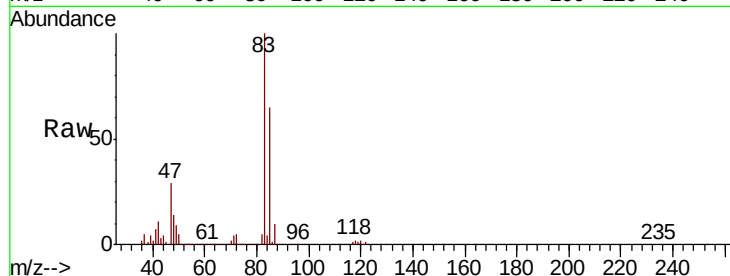




#27
Chloroform
Concen: 9.862 ug/l
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

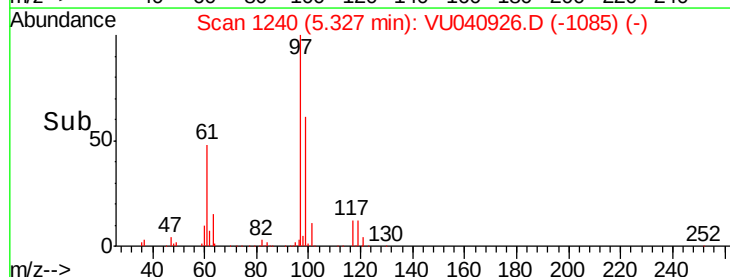
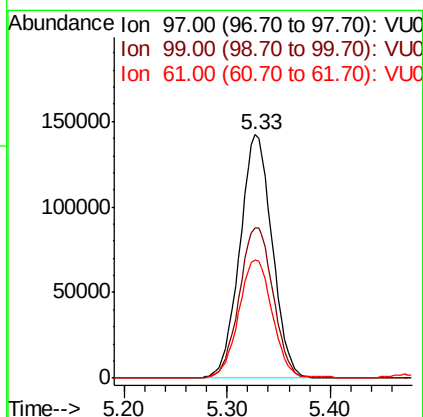
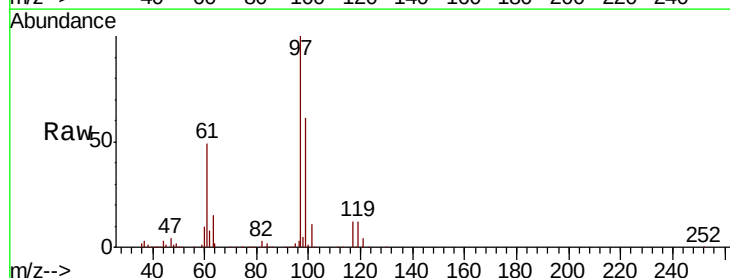
Instrument :
MSVOA_U
ClientSampleId :
BFB81

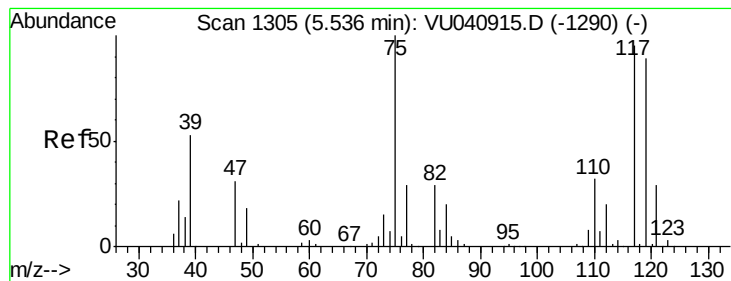
Tot Ion: 83 Resp: 361908
Ion Ratio Lower Upper
83 100
85 65.0 0.0 129.0



#28
1,1,1-Trichloroethane
Concen: 9.807 ug/l
RT: 5.33 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

Tgt Ion: 97 Resp: 310301
Ion Ratio Lower Upper
97 100
99 64.6 31.4 94.3
61 50.3 24.7 74.1





#29

1,1-Dichloropropene

Concen: 10.107 ug/l

RT: 5.54 min Scan# 1305

Delta R.T. -0.00 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

Instrument :

MSVOA_U

ClientSampleId :

BFB81

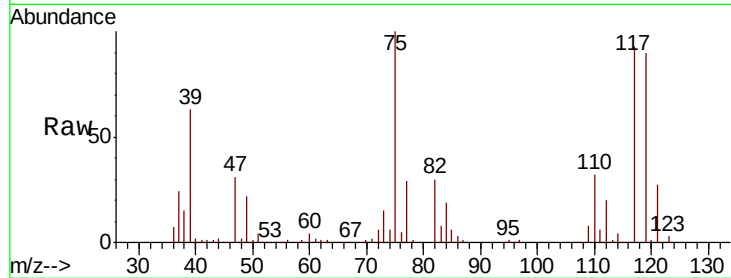
Tot Ion: 75 Resp: 280185

Ion Ratio Lower Upper

75 100

110 31.9 15.9 47.6

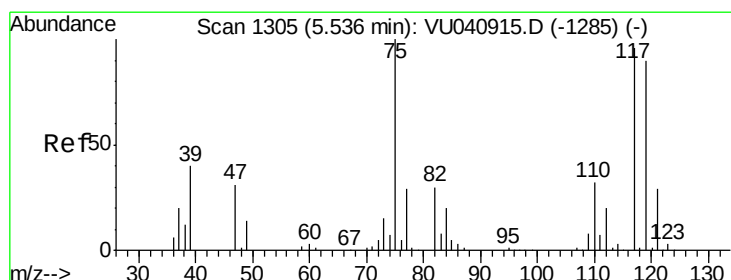
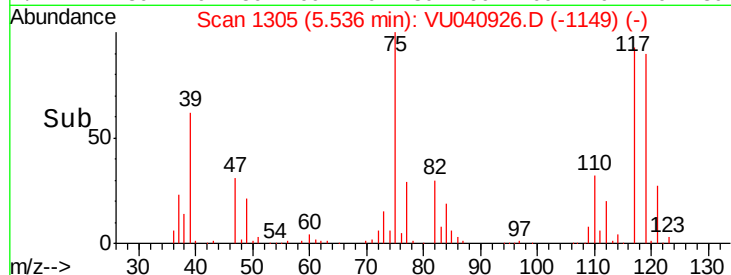
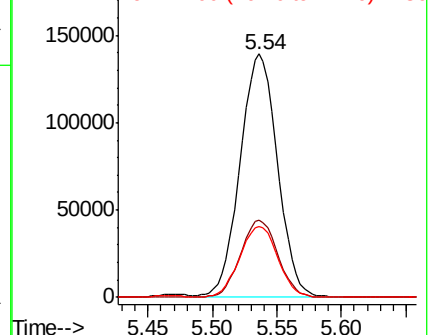
77 29.8 24.2 36.2



Abundance Ion 75.00 (74.70 to 75.70): VU040915.D (-1290) (-)

Ion 110.00 (109.70 to 110.70): VU040915.D (-1290) (-)

Ion 77.00 (76.70 to 77.70): VU040915.D (-1290) (-)



#30

Carbon Tetrachloride

Concen: 9.877 ug/l

RT: 5.53 min Scan# 1304

Delta R.T. -0.00 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

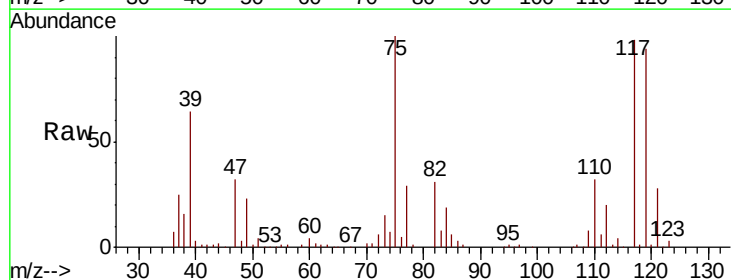
Tgt Ion: 117 Resp: 282866

Ion Ratio Lower Upper

117 100

119 95.5 74.9 112.3

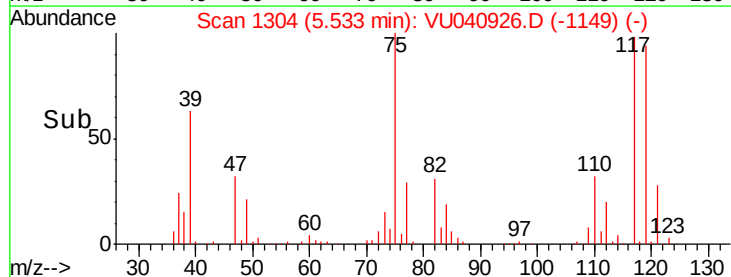
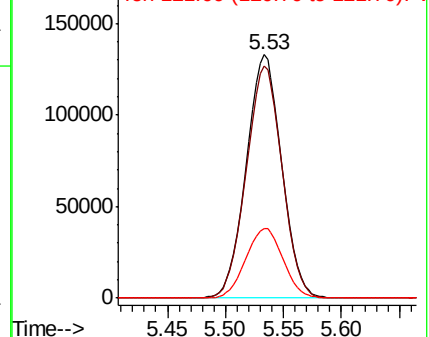
121 28.7 24.1 36.1

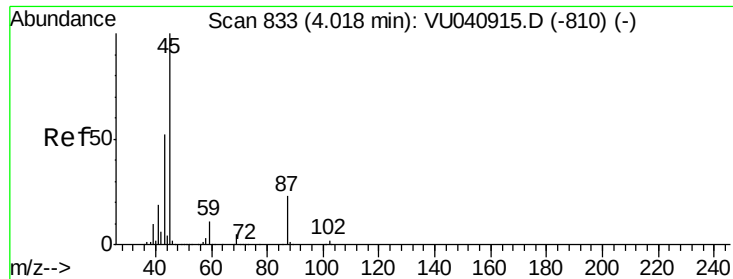


Abundance Ion 117.00 (116.70 to 117.70): VU040915.D (-1285) (-)

Ion 119.00 (118.70 to 119.70): VU040915.D (-1285) (-)

Ion 121.00 (120.70 to 121.70): VU040915.D (-1285) (-)





#31

Isopropyl Ether

Concen: 9.922 ug/l

RT: 4.02 min Scan# 833

Delta R.T. 0.00 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

Instrument :

MSVOA_U

ClientSampleId :

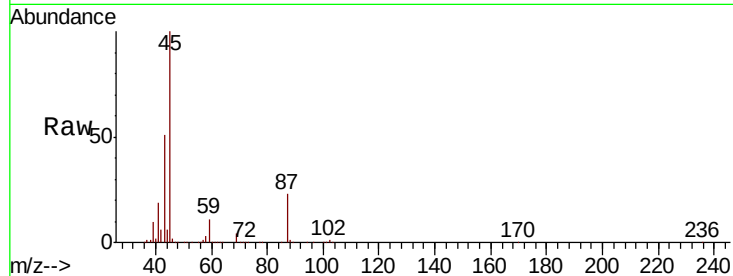
BFB81

Tot Ion: 45 Resp: 589148

Ion Ratio Lower Upper

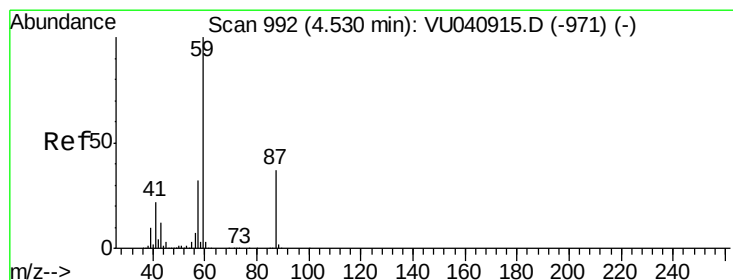
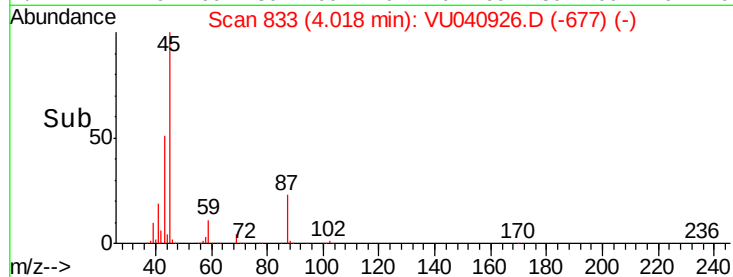
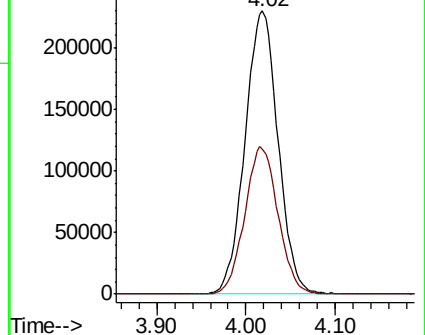
45 100

43 52.3 26.8 80.3



Abundance Ion 45.00 (44.70 to 45.70): VU040926.D (-836) (-)

Ion 43.00 (42.70 to 43.70): VU040926.D (-836) (-)



#32

Ethyl-t-butyl ether

Concen: 10.002 ug/l

RT: 4.53 min Scan# 992

Delta R.T. 0.00 min

Lab File: VU040926.D

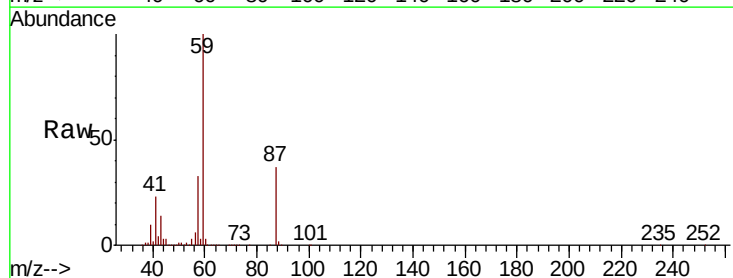
Acq: 23 Oct 2020 09:56

Tgt Ion: 59 Resp: 523090

Ion Ratio Lower Upper

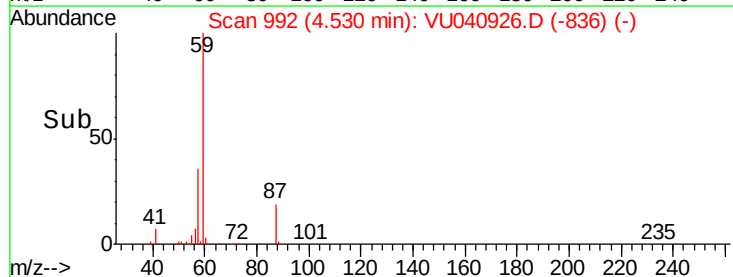
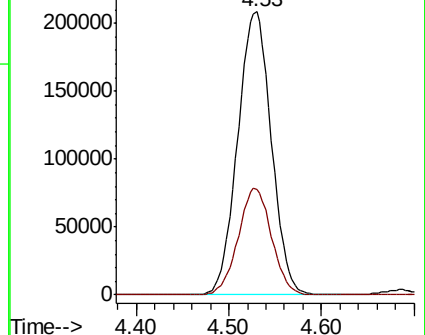
59 100

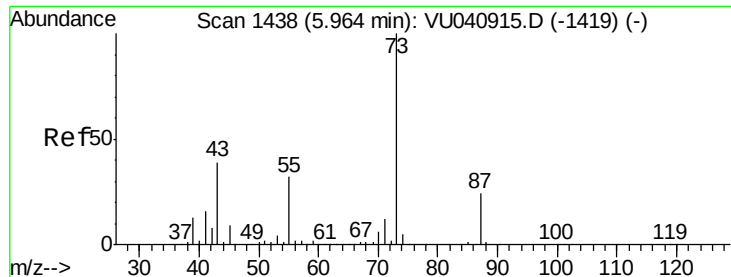
87 37.4 30.6 46.0



Abundance Ion 59.00 (58.70 to 59.70): VU040926.D (-836) (-)

Ion 87.00 (86.70 to 87.70): VU040926.D (-836) (-)

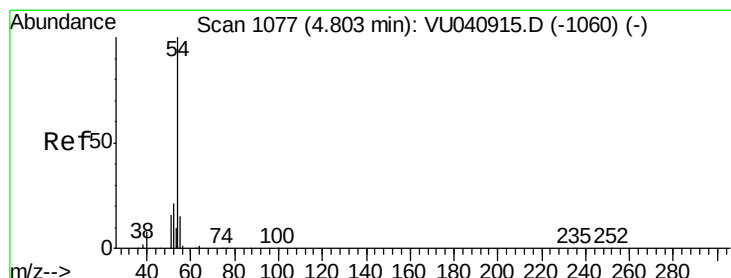
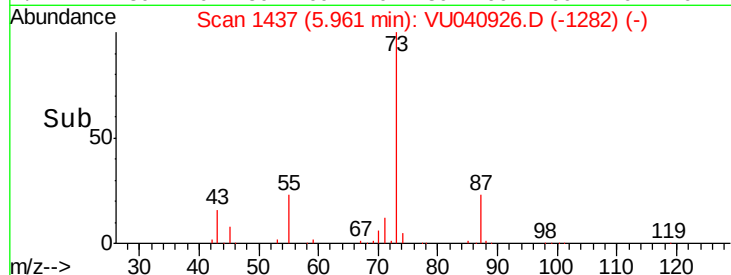
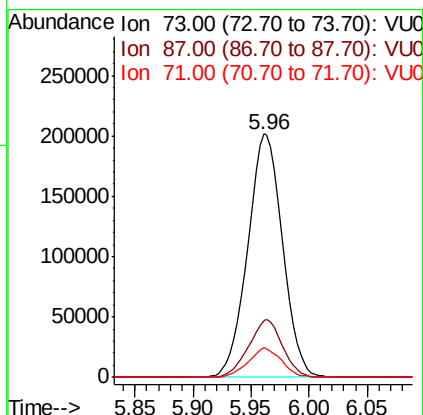
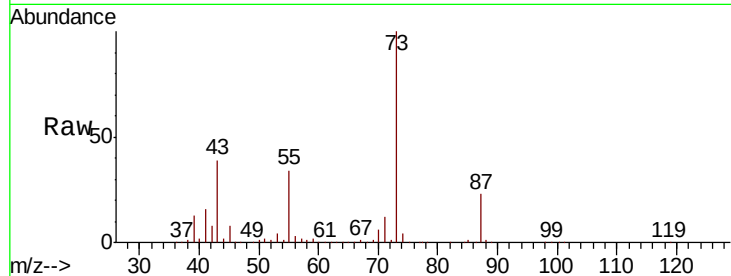




#33
Tert-Butyl methyl ether
Concen: 10.789 ug/l
RT: 5.96 min Scan# 1437
Delta R.T. -0.00 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

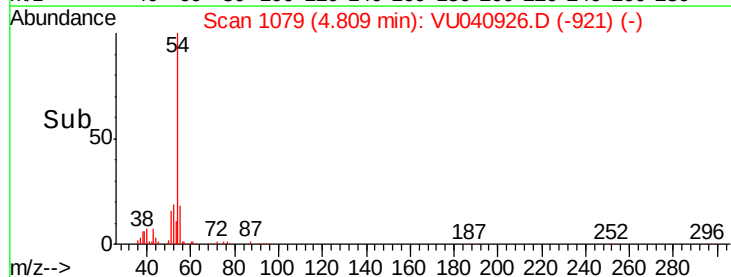
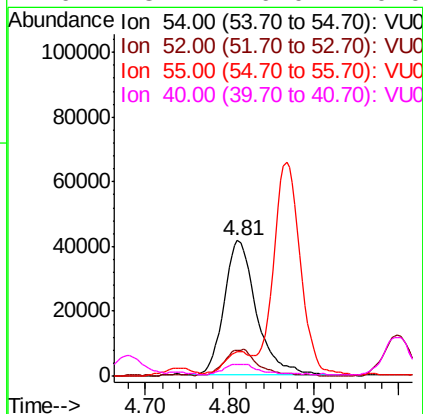
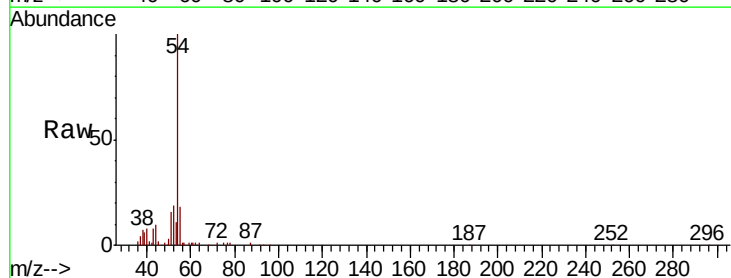
Instrument :
MSVOA_U
ClientSampled :
BFB81

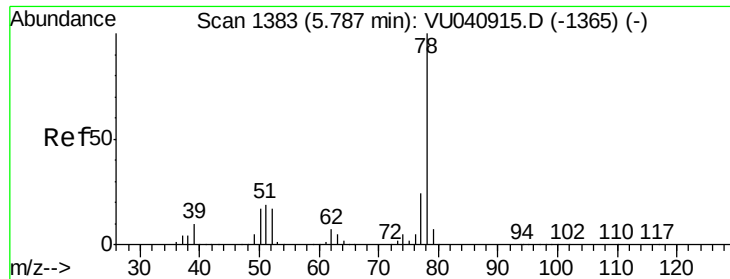
Tot Ion: 73 Resp: 420216
Ion Ratio Lower Upper
73 100
87 23.1 19.0 28.4
71 11.6 9.7 14.5



#34
Propionitrile
Concen: 50.917 ug/l
RT: 4.81 min Scan# 1079
Delta R.T. 0.01 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

Tgt Ion: 54 Resp: 110688
Ion Ratio Lower Upper
54 100
52 20.2 15.5 23.3
55 13.6 12.5 18.7
40 8.1 6.0 9.0





#35

Benzene

Concen: 10.111 ug/l

RT: 5.78 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

Instrument :

MSVOA_U

ClientSampleId :

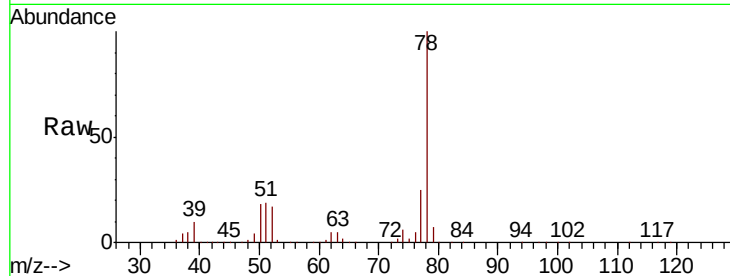
BFB81

Tot Ion: 78 Resp: 776959

Ion Ratio Lower Upper

78 100

77 24.6 19.4 29.2



Abundance Ion 78.10 (77.80 to 78.80): VU040915.D (-1365) (-)

Ion 77.00 (76.70 to 77.70): VU040915.D (-1365) (-)

5.78

400000

300000

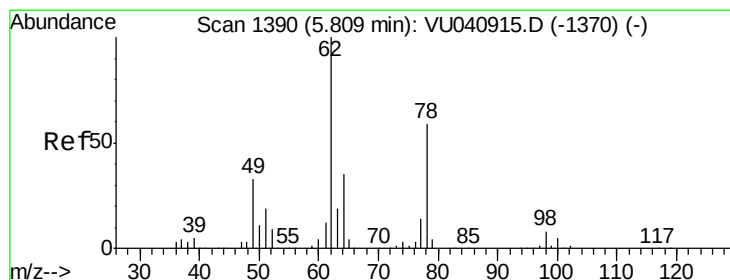
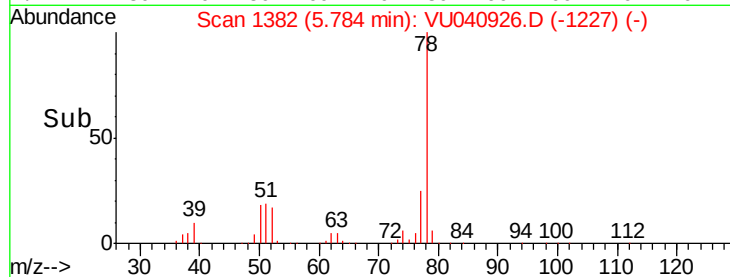
200000

100000

0

5.70 5.75 5.80 5.85

Time-->



#36

1,2-Dichloroethane

Concen: 9.986 ug/l

RT: 5.81 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VU040926.D

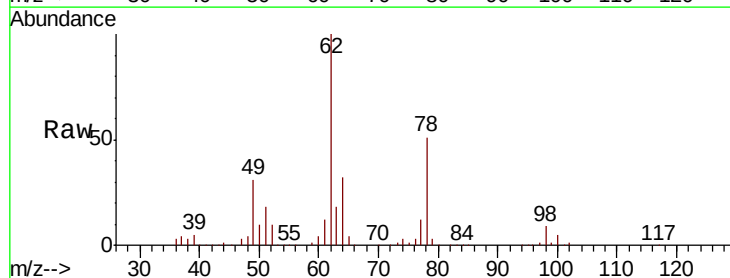
Acq: 23 Oct 2020 09:56

Tgt Ion: 62 Resp: 284459

Ion Ratio Lower Upper

62 100

98 8.6 6.7 10.1



Abundance Ion 62.00 (61.70 to 62.70): VU040915.D (-1370) (-)

Ion 98.00 (97.70 to 98.70): VU040915.D (-1370) (-)

5.81

150000

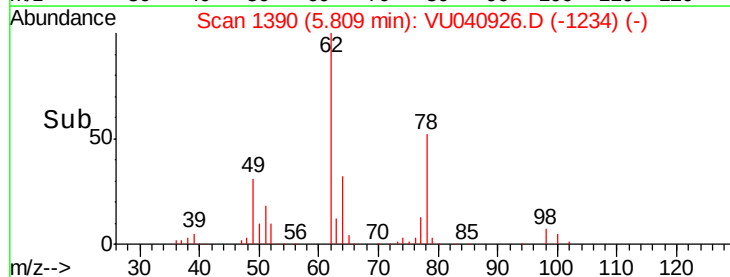
100000

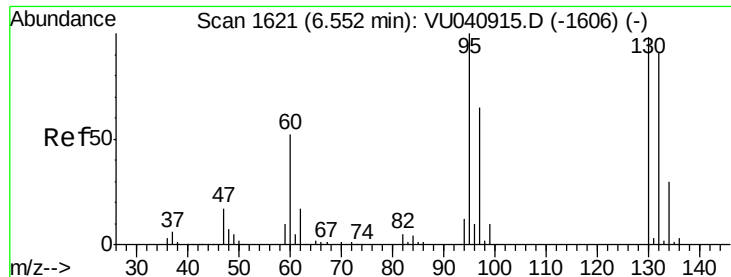
50000

0

5.70 5.80 5.90

Time-->

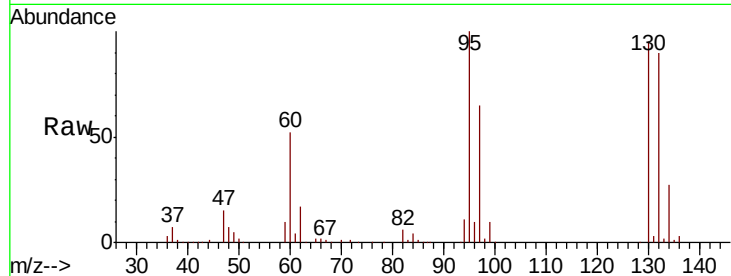




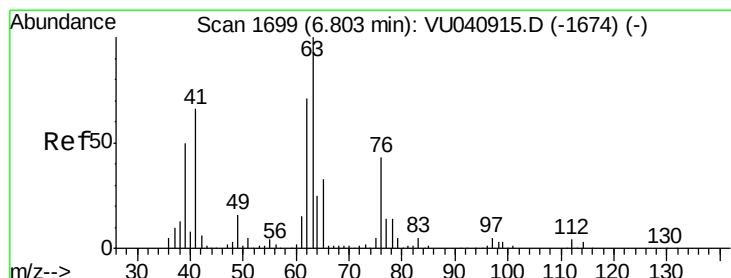
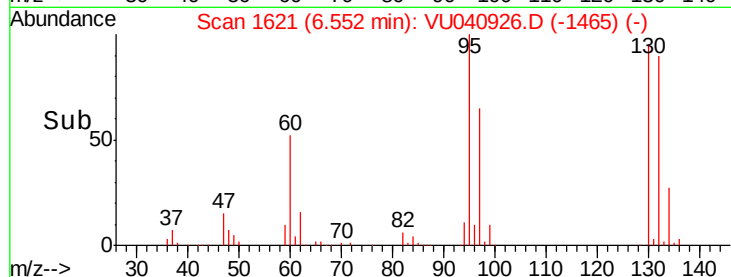
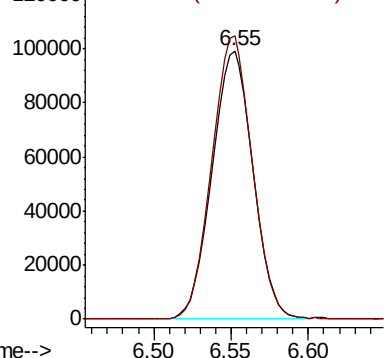
#37
 Trichloroethene
 Concen: 10.083 ug/l
 RT: 6.55 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: VU040926.D
 Acq: 23 Oct 2020 09:56

Instrument :
 MSVOA_U
 ClientSampleId :
 BFB81

Tot Ion:130 Resp: 183147
 Ion Ratio Lower Upper
 130 100
 95 105.4 81.9 122.9

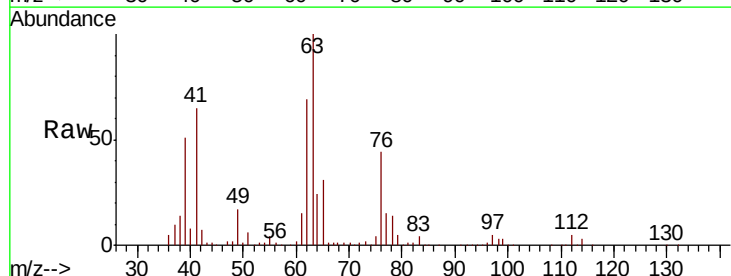


Abundance Ion 129.90 (129.60 to 130.60): VU040915.D (-1606) (-)
 Ion 94.90 (94.60 to 95.60): VU040915.D (-1606) (-)

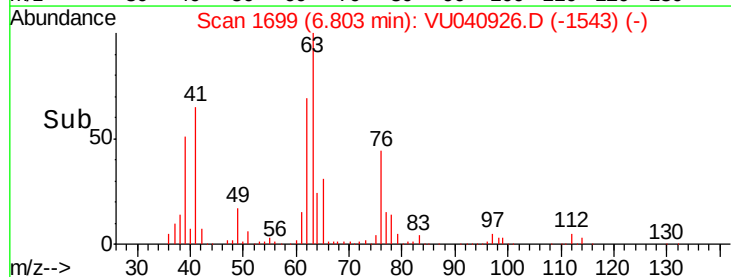
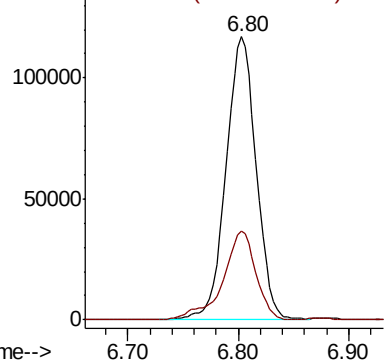


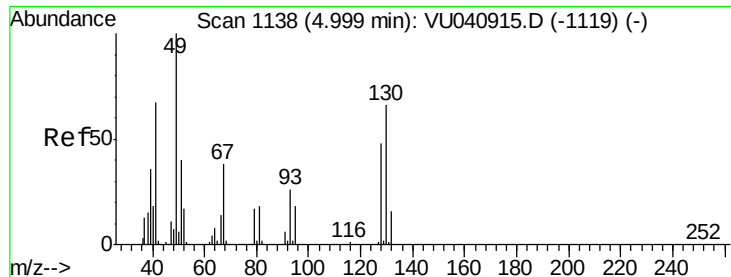
#38
 1,2-Dichloropropane
 Concen: 10.173 ug/l
 RT: 6.80 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: VU040926.D
 Acq: 23 Oct 2020 09:56

Tgt Ion: 63 Resp: 221774
 Ion Ratio Lower Upper
 63 100
 65 31.3 26.2 39.2



Abundance Ion 63.00 (62.70 to 63.70): VU040915.D (-1674) (-)
 Ion 65.00 (64.70 to 65.70): VU040915.D (-1674) (-)

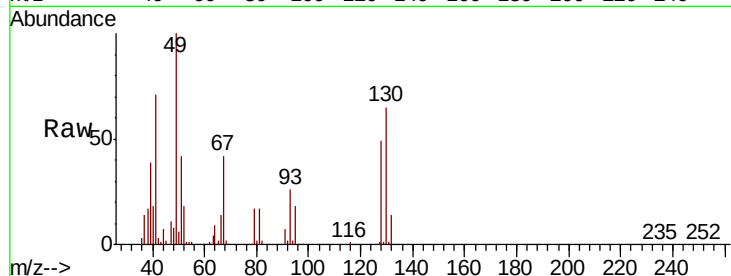




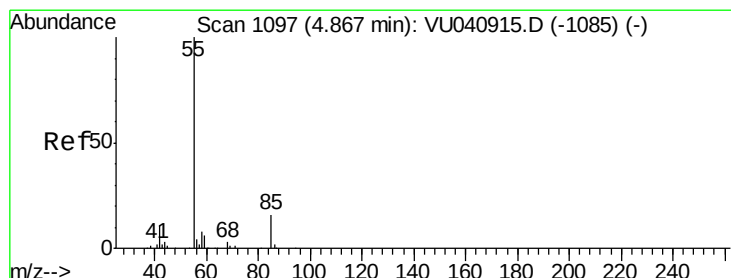
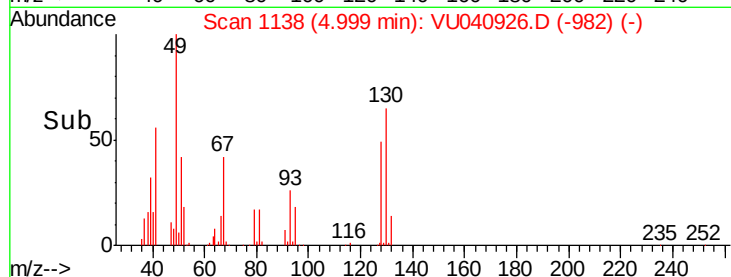
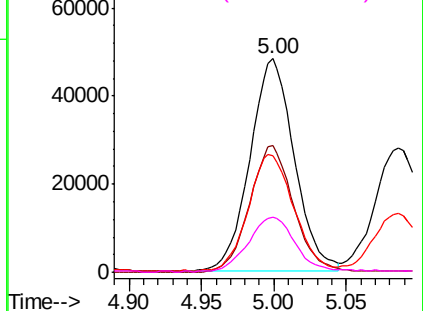
#39
Methacrylonitrile
Concen: 10.037 ug/l
RT: 5.00 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

Instrument :
MSVOA_U
ClientSampleId :
BFB81

Tot Ion:	41	Resp:	102288
Ion	Ratio	Lower	Upper
41	100		
67	60.3	48.7	73.1
39	55.8	44.6	67.0
52	27.1	23.3	34.9

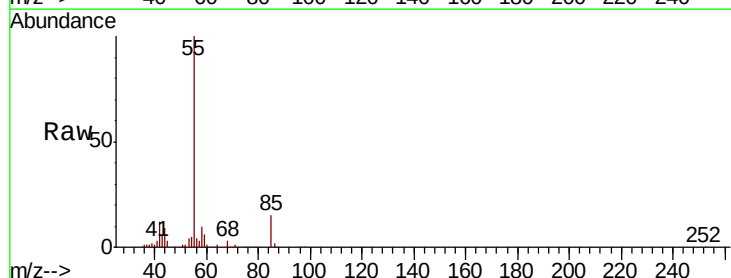


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

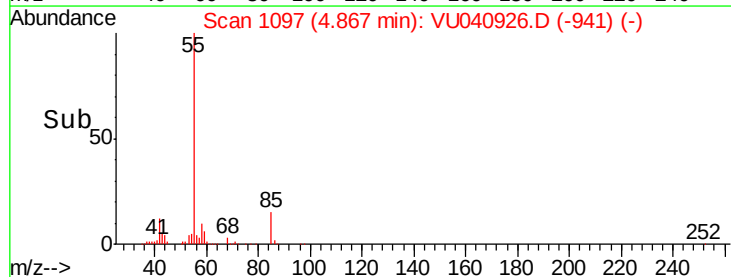
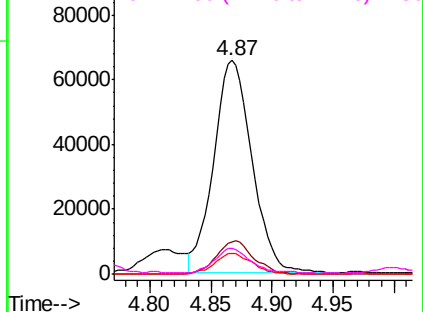


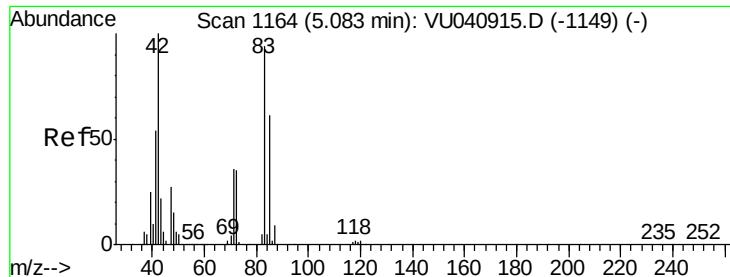
#40
Methyl acrylate
Concen: 10.308 ug/l
RT: 4.87 min Scan# 1097
Delta R.T. -0.00 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

Tgt Ion:	55	Resp:	144054
Ion	Ratio	Lower	Upper
55	100		
85	14.9	12.2	18.2
58	9.5	6.8	10.2
42	11.2	9.4	14.2



Abundance Ion 55.00 (54.70 to 55.70): VU0
Ion 85.00 (84.70 to 85.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 42.00 (41.70 to 42.70): VU0





#41

Tetrahydrofuran

Concen: 19.271 ug/l

RT: 5.09 min Scan# 1165

Delta R.T. 0.00 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

Instrument :

MSVOA_U

ClientSampleId :

BFB81

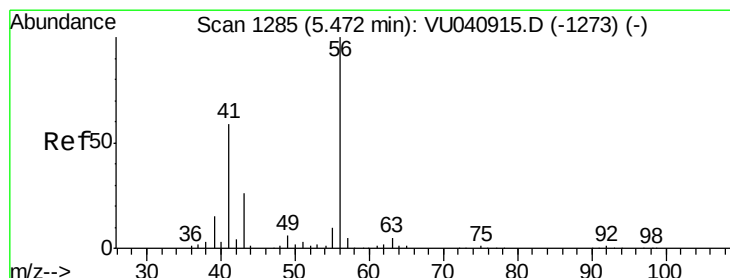
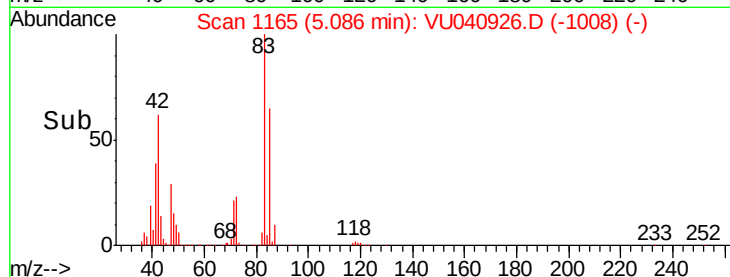
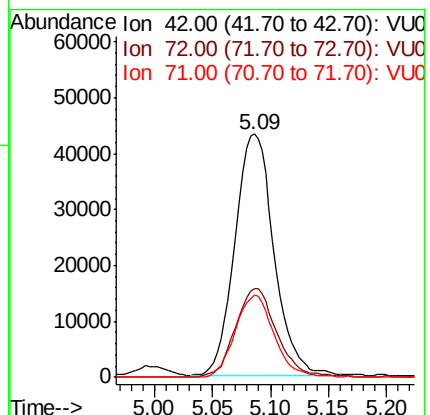
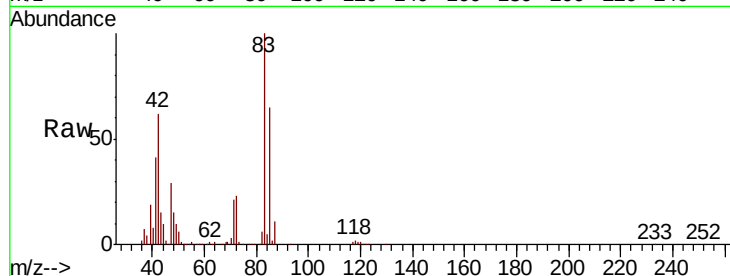
Tot Ion: 42 Resp: 101026

Ion Ratio Lower Upper

42 100

72 39.1 30.1 45.1

71 33.8 27.9 41.9



#42

1-Chlorobutane

Concen: 10.095 ug/l

RT: 5.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VU040926.D

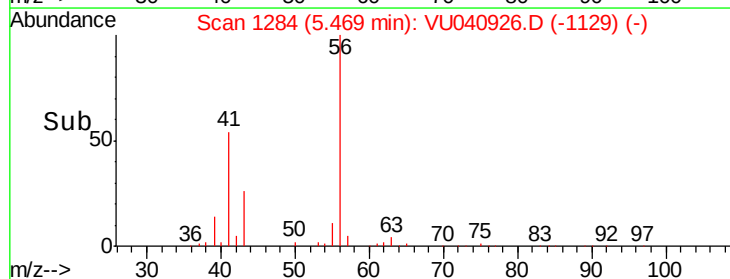
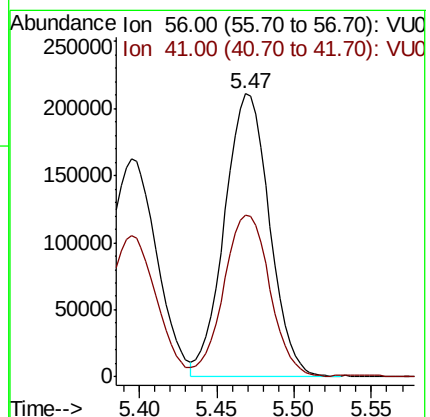
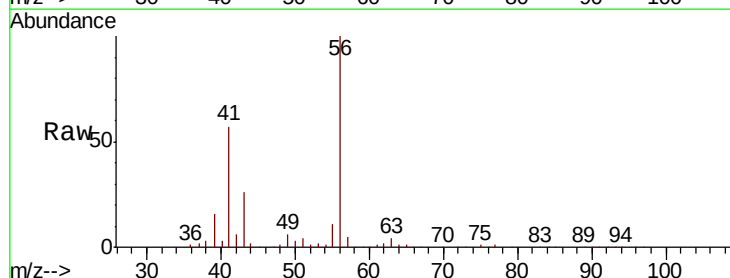
Acq: 23 Oct 2020 09:56

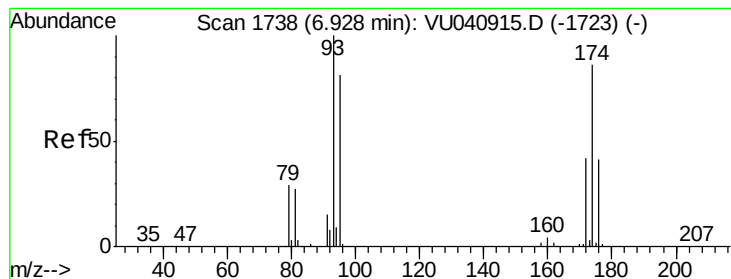
Tgt Ion: 56 Resp: 423055

Ion Ratio Lower Upper

56 100

41 58.2 29.6 88.8





#43

Dibromomethane

Concen: 10.154 ug/l

RT: 6.93 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

Instrument :

MSVOA_U

ClientSampleId :

BFB81

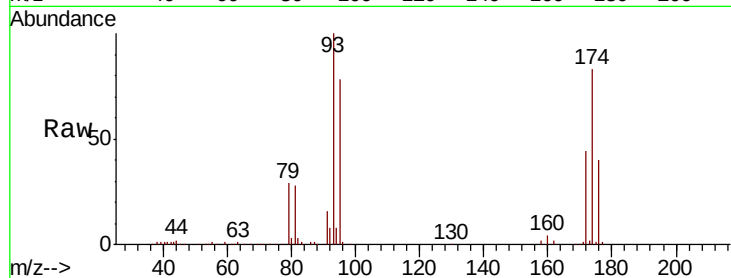
Tot Ion: 93 Resp: 124058

Ion Ratio Lower Upper

93 100

95 81.7 66.3 99.5

174 85.6 70.4 105.6



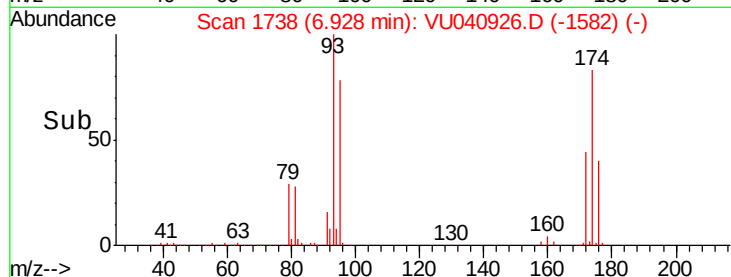
Abundance Ion 93.00 (92.70 to 93.70): VU040926.D (-1582) (-)

Ion 95.00 (94.70 to 95.70): VU040926.D (-1582) (-)

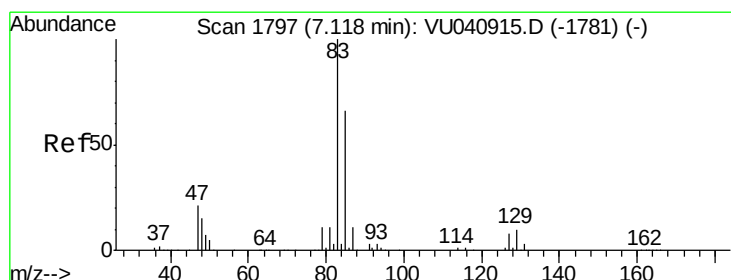
Ion 174.00 (173.70 to 174.70): VU040926.D (-1582) (-)

6.93

Time-->



Time-->



#44

Bromodichloromethane

Concen: 10.210 ug/l

RT: 7.11 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

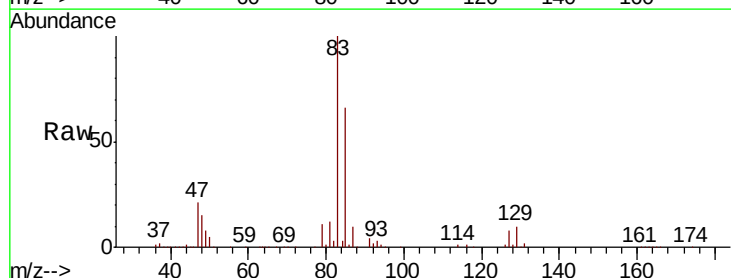
Tgt Ion: 83 Resp: 289636

Ion Ratio Lower Upper

83 100

85 66.5 52.6 78.8

127 8.1 6.4 9.6



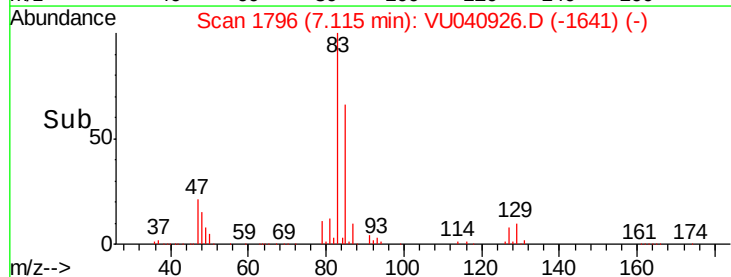
Abundance Ion 83.00 (82.70 to 83.70): VU040926.D (-1641) (-)

Ion 85.00 (84.70 to 85.70): VU040926.D (-1641) (-)

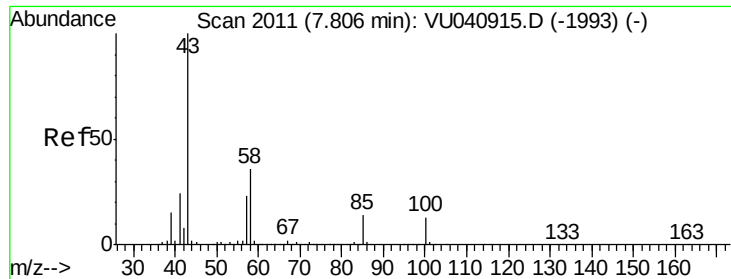
Ion 127.00 (126.70 to 127.70): VU040926.D (-1641) (-)

7.11

Time-->



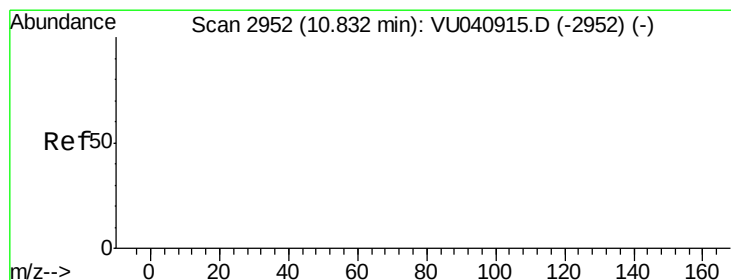
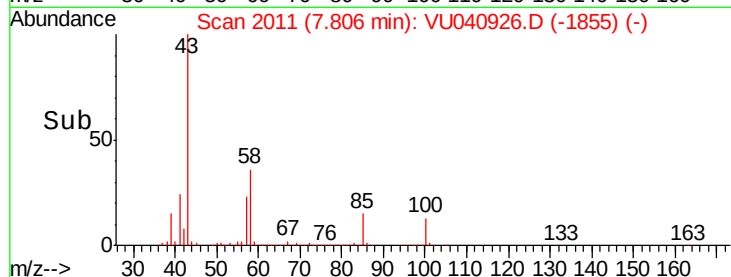
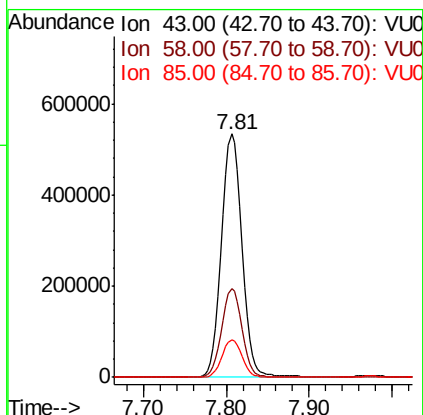
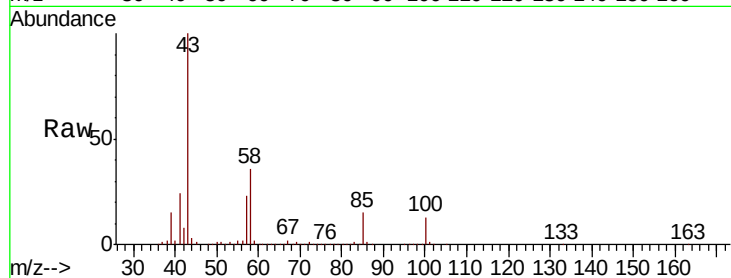
Time-->



#45
4-Methyl-2-Pentanone
Concen: 57.160 ug/l
RT: 7.81 min Scan# 2011
Delta R.T. 0.00 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

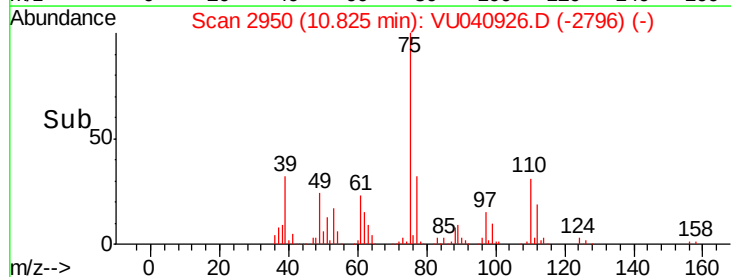
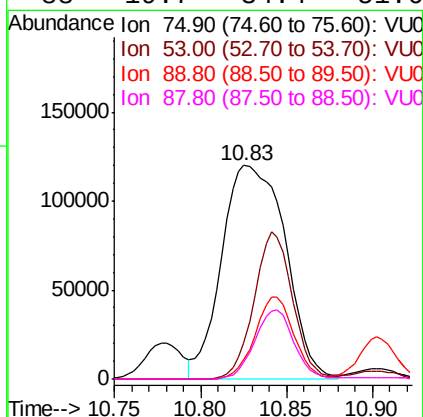
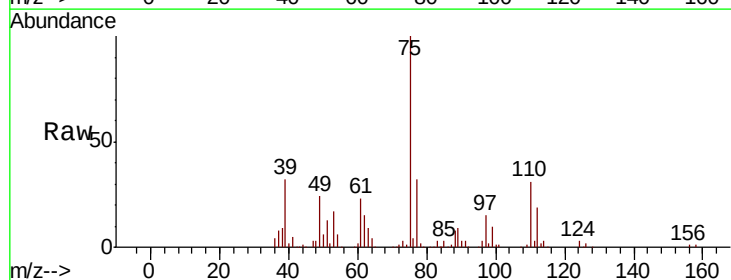
Instrument :
MSVOA_U
ClientSampleId :
BFB81

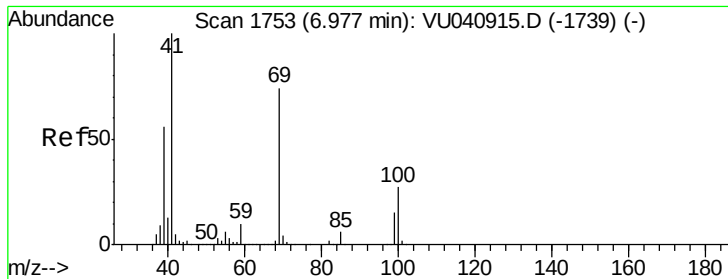
Tot Ion: 43 Resp: 916880
Ion Ratio Lower Upper
43 100
58 35.6 17.8 53.5
85 15.0 11.4 17.2



#46
t-1,4-Dichloro-2-butene
Concen: 48.515 ug/l
RT: 10.83 min Scan# 2950
Delta R.T. -0.01 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

Tgt Ion: 75 Resp: 307731
Ion Ratio Lower Upper
75 100
53 41.6 73.0 109.4#
89 23.5 41.7 62.5#
88 19.7 34.4 51.6#





#47

Methvl methacrylate

Concen: 23.118 ug/l

RT: 6.98 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

Instrument :

MSVOA_U

ClientSampleId :

BFB81

Tot Ion: 69 Resp: 235824

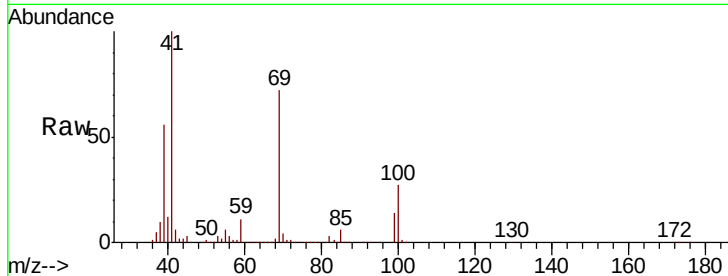
Ion Ratio Lower Upper

69 100

41 136.0 0.0 270.2

39 76.3 61.6 92.4

100 36.0 29.0 43.6

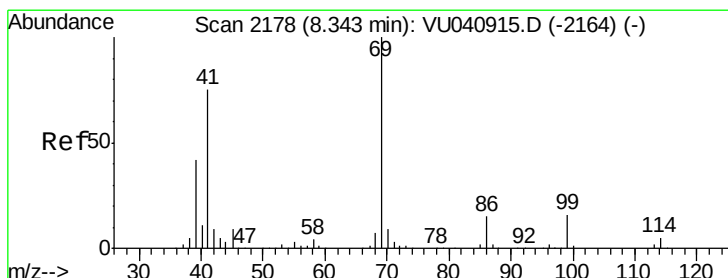
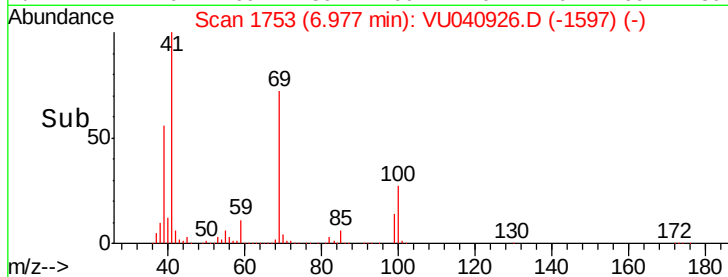
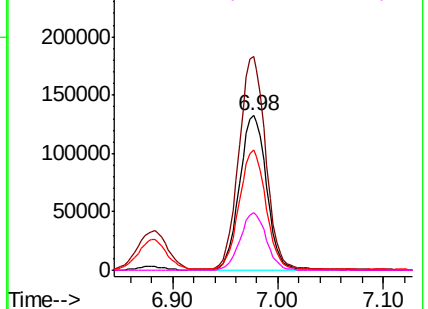


Abundance Ion 69.00 (68.70 to 69.70): VU0

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: 11.407 ug/l

RT: 8.34 min Scan# 2178

Delta R.T. 0.00 min

Lab File: VU040926.D

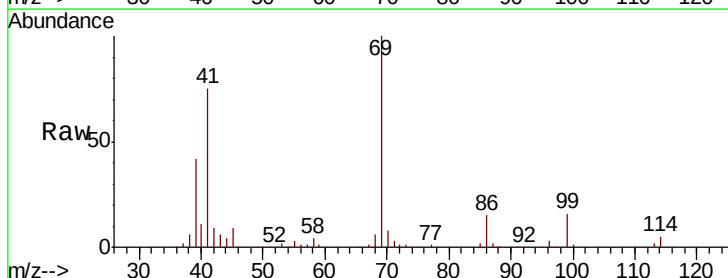
Acq: 23 Oct 2020 09:56

Tgt Ion: 69 Resp: 195758

Ion Ratio Lower Upper

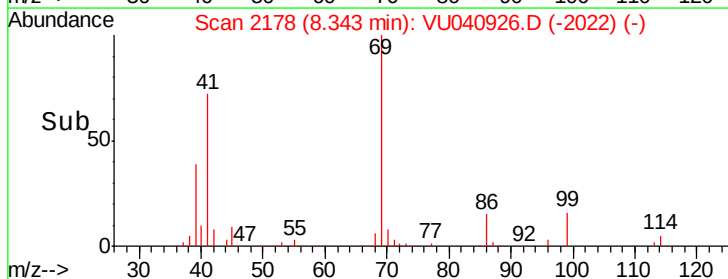
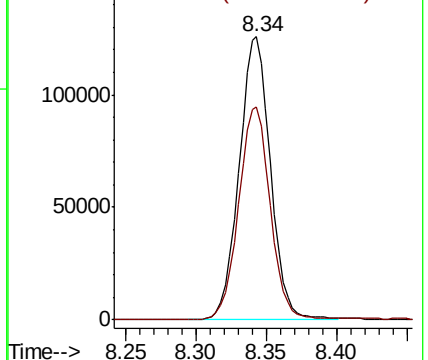
69 100

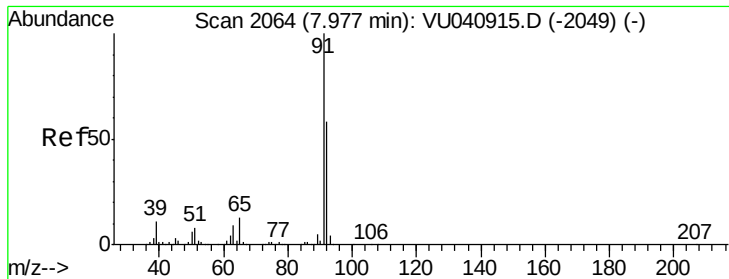
41 75.5 37.6 112.9



Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#49

Toluene

Concen: 11.138 ug/l

RT: 7.97 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

Instrument :

MSVOA_U

ClientSampled :

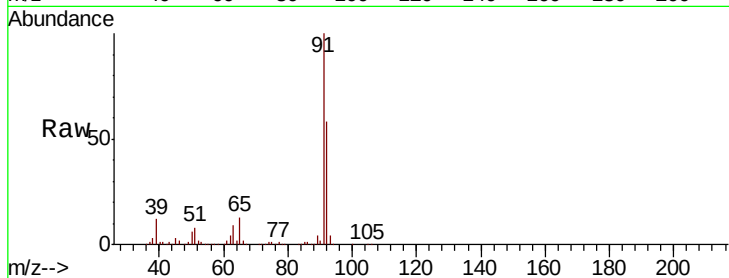
BFB81

Tot Ion: 92 Resp: 470695

Ion Ratio Lower Upper

92 100

91 173.8 136.8 205.2



Abundance Ion 92.00 (91.70 to 92.70): VU040926.D (-1908) (-)

Ion 91.00 (90.70 to 91.70): VU040926.D (-1908) (-)

500000

400000

300000

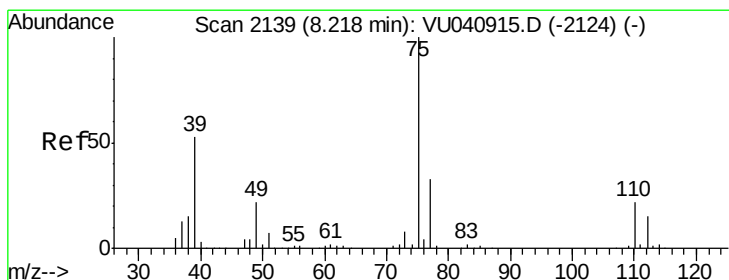
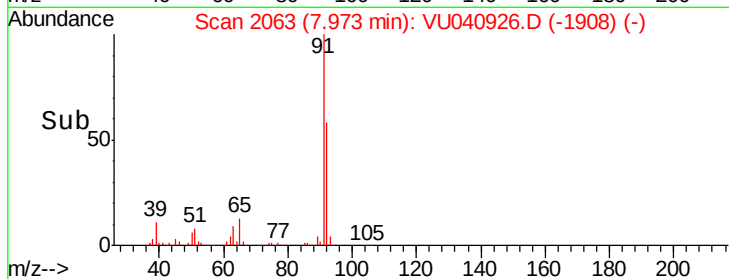
200000

100000

0

7.90 7.95 8.00 8.05 8.10

Time-->



#50

t-1,3-Dichloropropene

Concen: 11.166 ug/l

RT: 8.22 min Scan# 2139

Delta R.T. -0.00 min

Lab File: VU040926.D

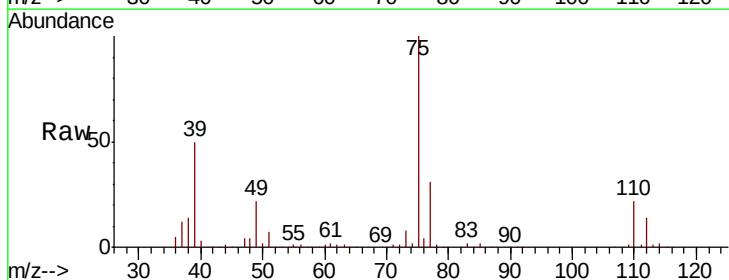
Acq: 23 Oct 2020 09:56

Tgt Ion: 75 Resp: 273756

Ion Ratio Lower Upper

75 100

77 31.4 26.2 39.4



Abundance Ion 75.00 (74.70 to 75.70): VU040926.D (-1983) (-)

Ion 77.00 (76.70 to 77.70): VU040926.D (-1983) (-)

200000

150000

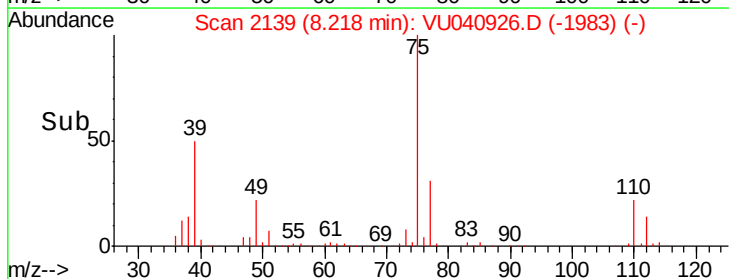
100000

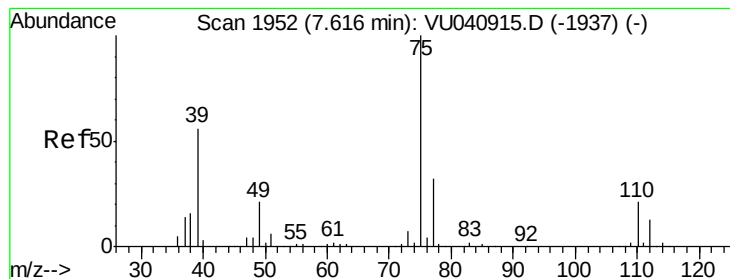
50000

0

8.15 8.20 8.25 8.30

Time-->



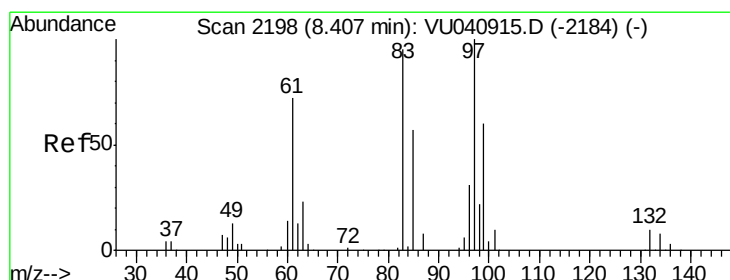
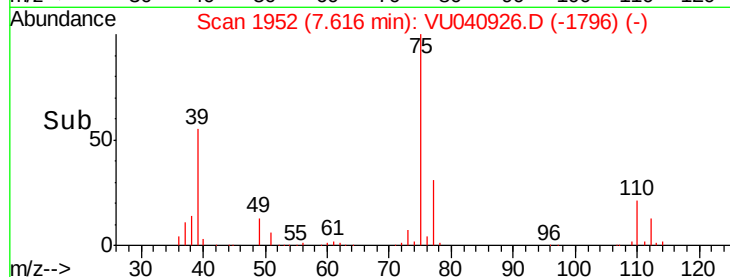
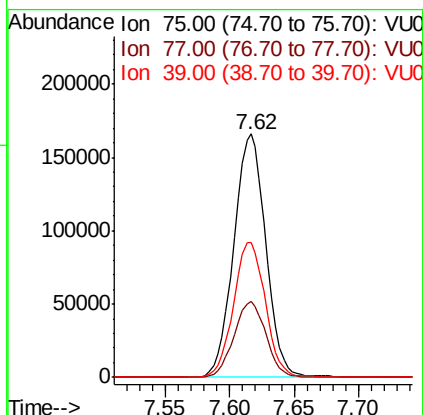
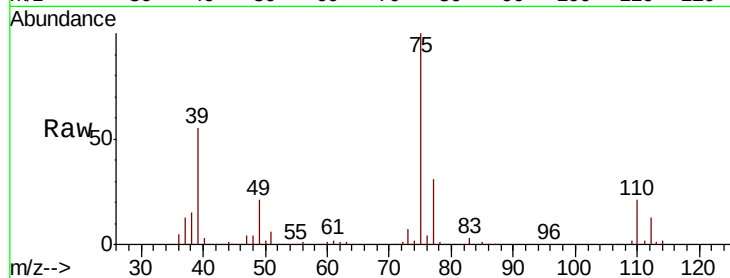


#51

cis-1,3-Dichloropropene
Concen: 10.639 ug/l
RT: 7.62 min Scan# 1952
Delta R.T. -0.00 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

Instrument :
MSVOA_U
ClientSampled :
BFB81

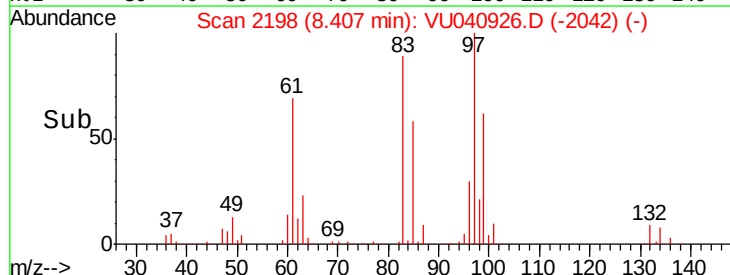
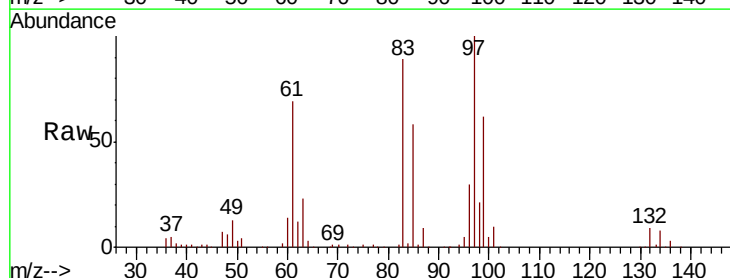
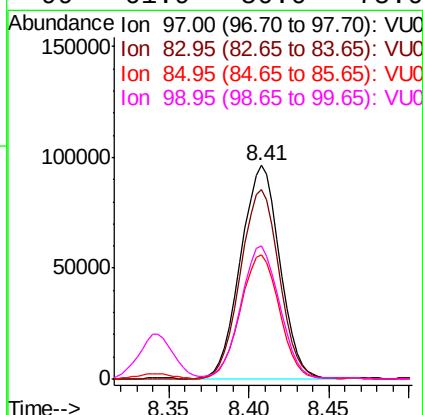
Tot Ion	75	Resp	285845
Ion Ratio	Lower	Upper	
75	100		
77	30.9	25.4	38.0
39	55.0	44.7	67.1

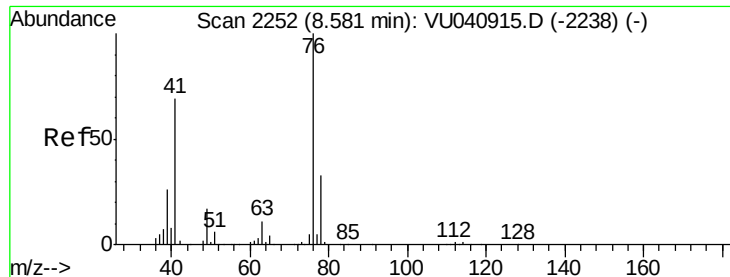


#52

1,1,2-Trichloroethane
Concen: 10.449 ug/l
RT: 8.41 min Scan# 2198
Delta R.T. -0.00 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

Tgt Ion	97	Resp	161417
Ion Ratio	Lower	Upper	
97	100		
83	89.0	75.9	113.9
85	58.0	46.1	69.1
99	61.9	50.0	75.0





#53

1,3-Dichloropropane

Concen: 10.454 ug/l

RT: 8.58 min Scan# 2252

Delta R.T. 0.00 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

Instrument :

MSVOA_U

ClientSampleId :

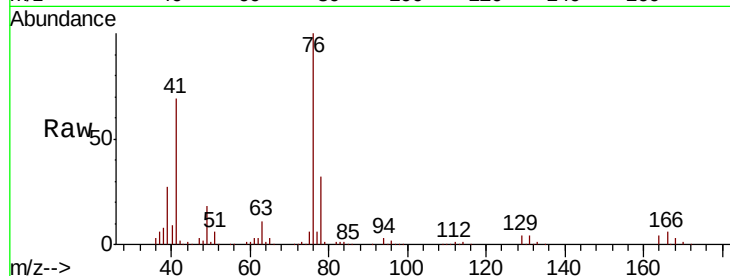
BFB81

Tot Ion: 76 Resp: 289929

Ion Ratio Lower Upper

76 100

78 32.5 26.6 39.8



Abundance Ion 76.00 (75.70 to 76.70): VU040926.D (-2096) (-)

Ion 78.00 (77.70 to 78.70): VU040926.D (-2096) (-)

8.58

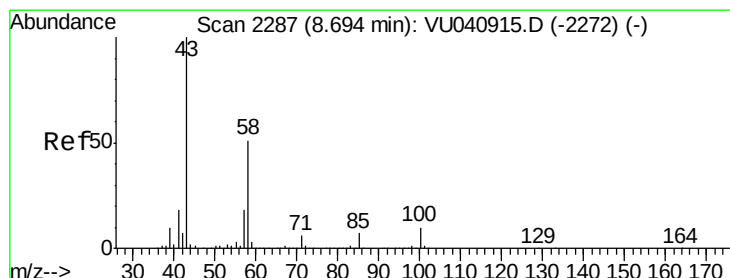
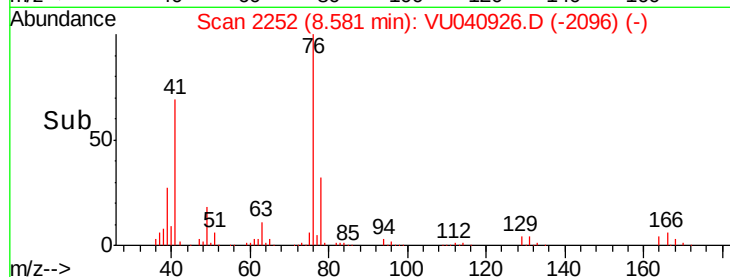
150000

100000

50000

0

Time--> 8.50 8.55 8.60 8.65



#54

2-Hexanone

Concen: 59.812 ug/l

RT: 8.69 min Scan# 2287

Delta R.T. 0.00 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

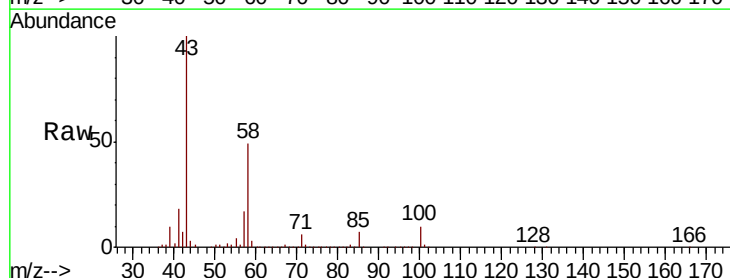
Tgt Ion: 43 Resp: 670289

Ion Ratio Lower Upper

43 100

58 49.7 30.2 70.2

57 17.2 0.0 37.4



Abundance Ion 43.00 (42.70 to 43.70): VU040926.D (-2131) (-)

Ion 58.00 (57.70 to 58.70): VU040926.D (-2131) (-)

Ion 57.00 (56.70 to 57.70): VU040926.D (-2131) (-)

8.69

500000

400000

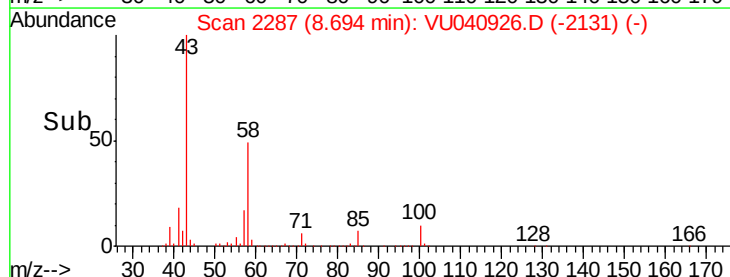
300000

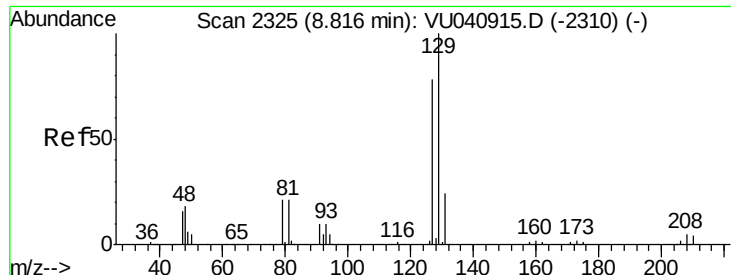
200000

100000

0

Time--> 8.60 8.70 8.80

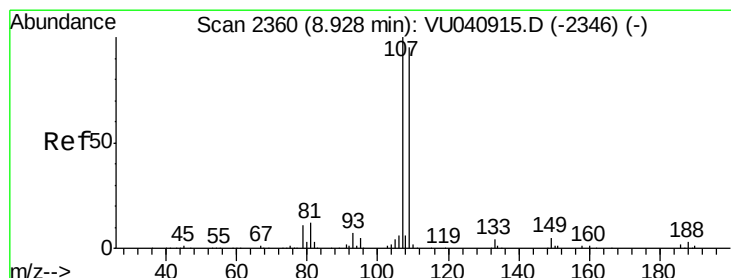
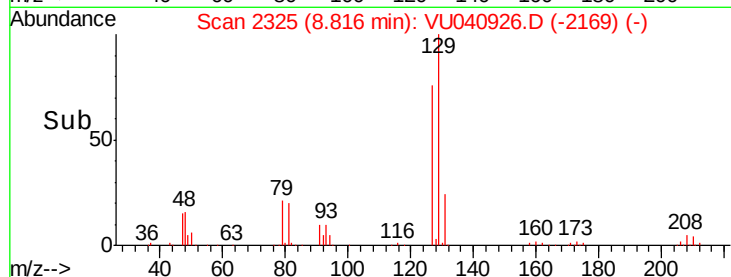
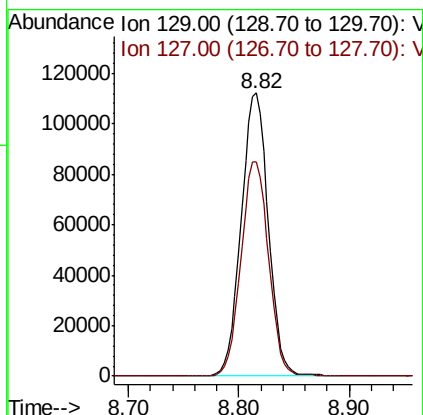
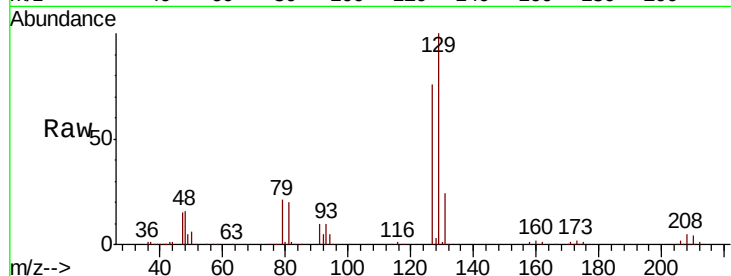




#55
 Dibromochloromethane
 Concen: 10.321 ug/l
 RT: 8.82 min Scan# 2325
 Delta R.T. 0.00 min
 Lab File: VU040926.D
 Acq: 23 Oct 2020 09:56

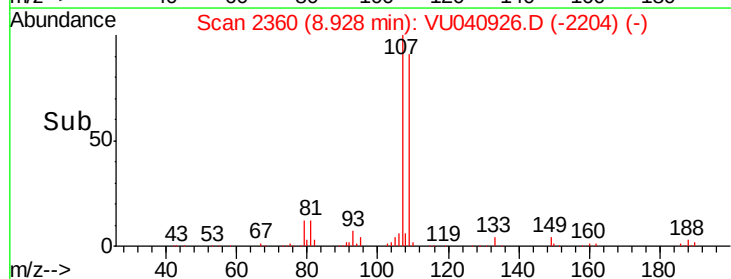
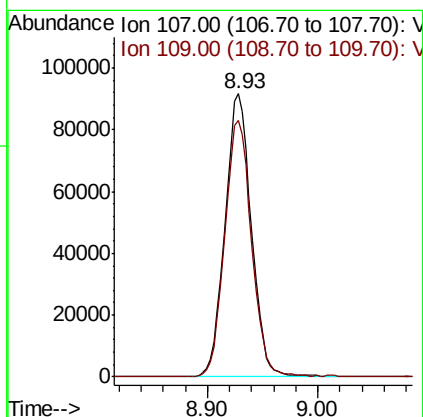
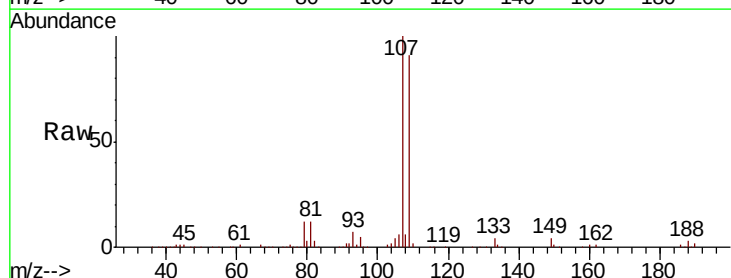
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB81

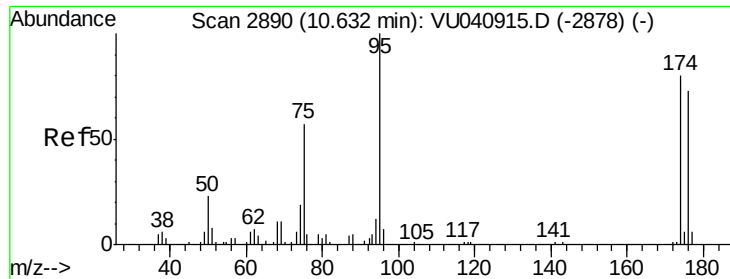
Tot Ion:129 Resp: 191173
 Ion Ratio Lower Upper
 129 100
 127 77.1 63.1 94.7



#56
 1,2-Dibromoethane
 Concen: 10.626 ug/l
 RT: 8.93 min Scan# 2360
 Delta R.T. 0.00 min
 Lab File: VU040926.D
 Acq: 23 Oct 2020 09:56

Tgt Ion:107 Resp: 152205
 Ion Ratio Lower Upper
 107 100
 109 92.1 0.0 190.4





#57

4-Bromofluorobenzene

Concen: 1.154 ug/l

RT: 10.63 min Scan# 2889

Delta R.T. -0.00 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

Instrument :

MSVOA_U

ClientSampleId :

BFB81

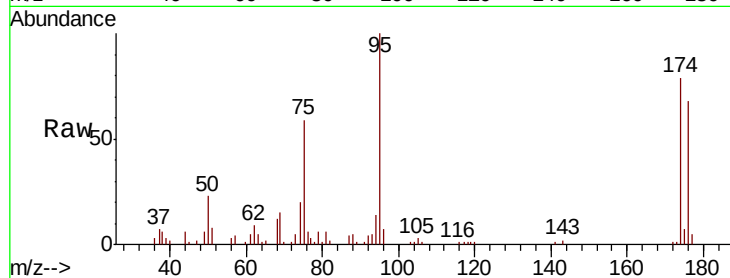
Tot Ion: 95 Resp: 25256

Ion Ratio Lower Upper

95 100

174 76.9 60.3 90.5

176 67.4 55.6 83.4

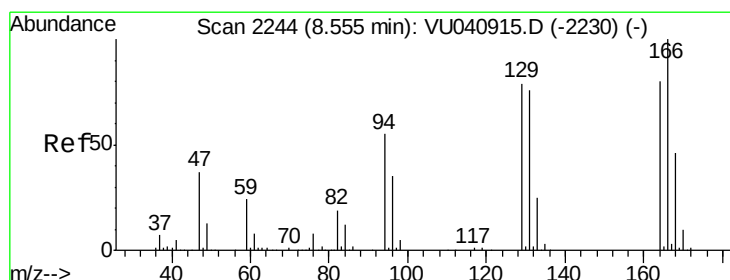
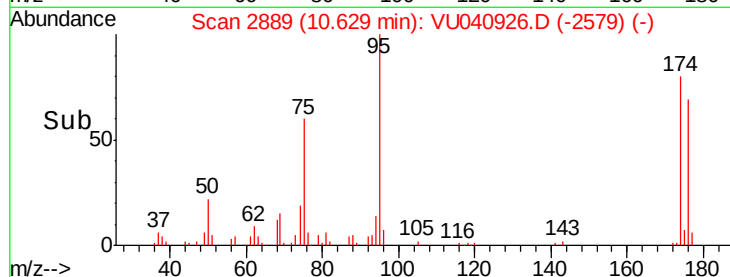
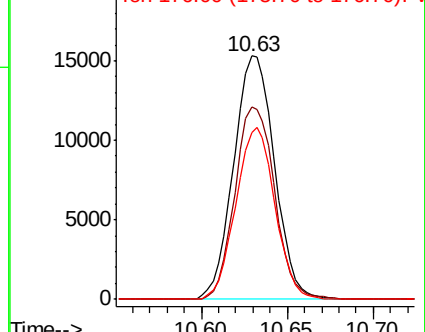


Abundance

Ion 95.00 (94.70 to 95.70): VU040926.D (-2878) (-)

Ion 174.00 (173.70 to 174.70): VU040926.D (-2878) (-)

Ion 176.00 (175.70 to 176.70): VU040926.D (-2878) (-)



#58

Tetrachloroethene

Concen: 10.065 ug/l

RT: 8.56 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

Tgt Ion: 164 Resp: 170914

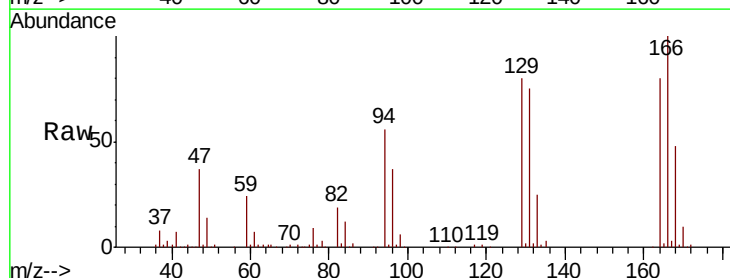
Ion Ratio Lower Upper

164 100

166 125.2 100.3 150.5

129 100.5 79.4 119.0

131 94.2 76.2 114.4



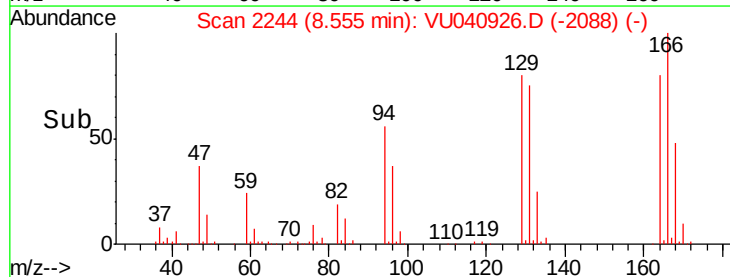
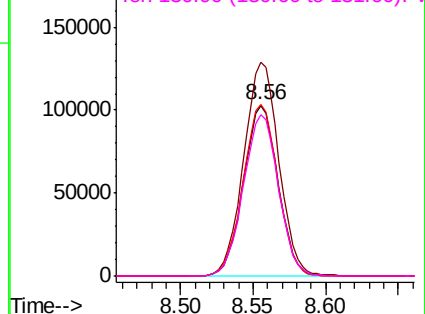
Abundance

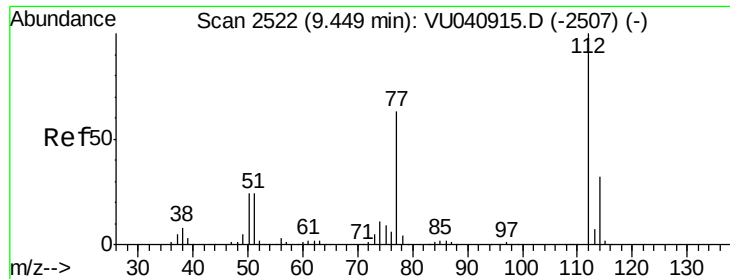
Ion 163.85 (163.55 to 164.55): VU040926.D (-2088) (-)

Ion 165.80 (165.50 to 166.50): VU040926.D (-2088) (-)

Ion 128.90 (128.60 to 129.60): VU040926.D (-2088) (-)

Ion 130.90 (130.60 to 131.60): VU040926.D (-2088) (-)

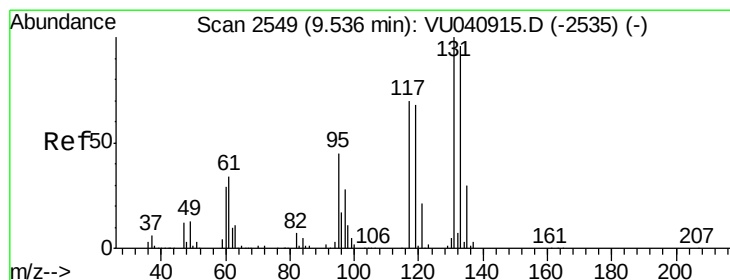
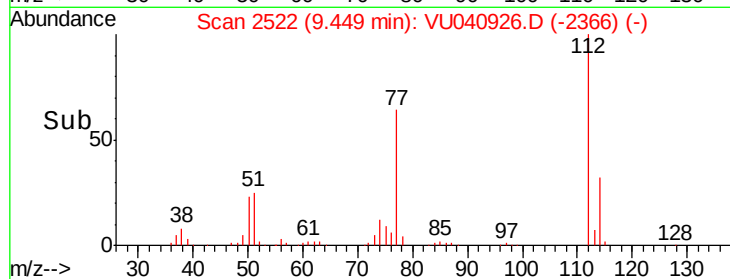
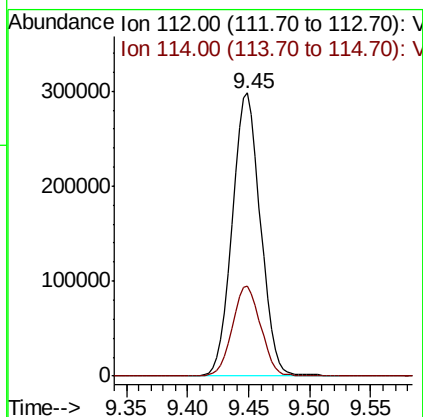
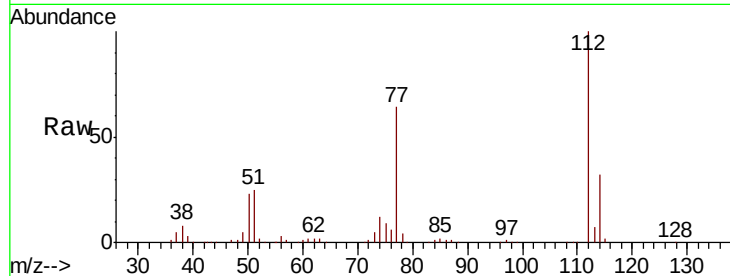




#59
Chlorobenzene
Concen: 10.723 ug/l
RT: 9.45 min Scan# 2522
Delta R.T. 0.00 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

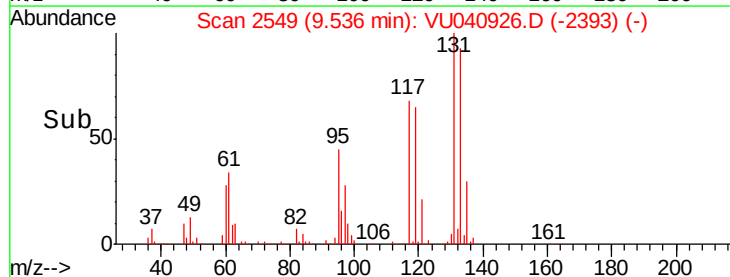
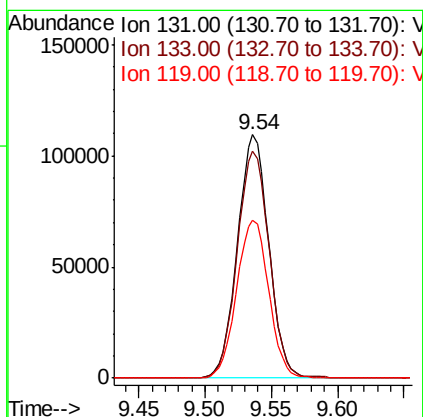
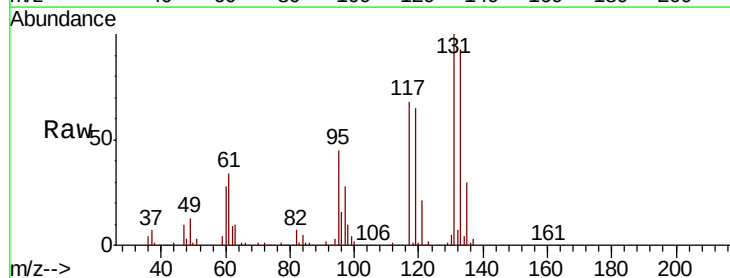
Instrument :
MSVOA_U
ClientSampleId :
BFB81

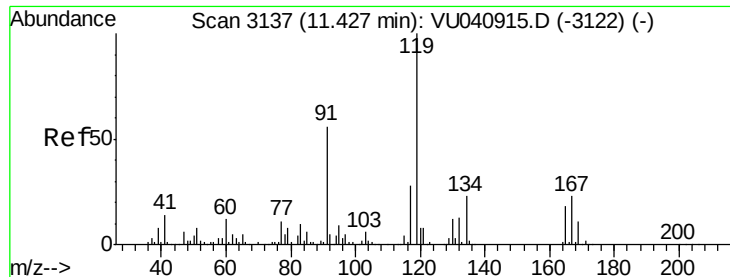
Tot Ion:112 Resp: 479723
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.8



#60
1,1,1,2-Tetrachloroethane
Concen: 10.241 ug/l
RT: 9.54 min Scan# 2549
Delta R.T. 0.00 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

Tgt Ion:131 Resp: 180015
Ion Ratio Lower Upper
131 100
133 95.5 77.4 116.0
119 66.5 53.5 80.3





#61

Pentachloroethane

Concen: 10.229 ug/l

RT: 11.42 min Scan# 3136

Delta R.T. -0.00 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

Instrument :

MSVOA_U

ClientSampleId :

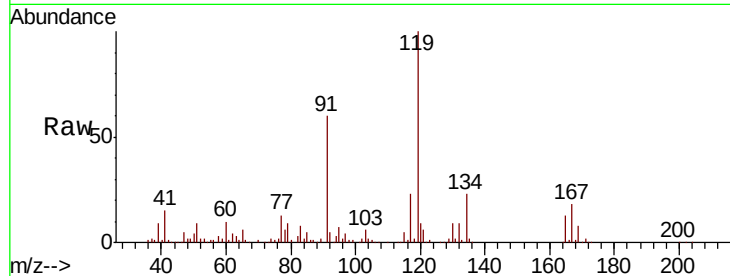
BFB81

Tot Ion:117 Resp: 145233

Ion Ratio Lower Upper

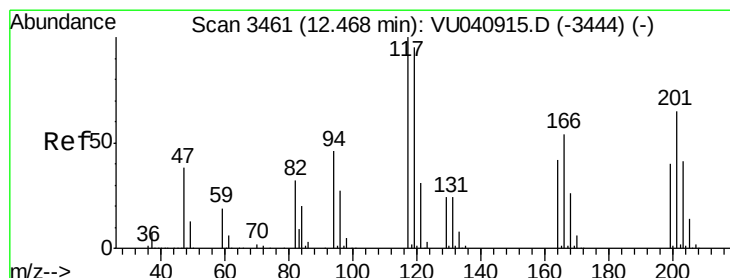
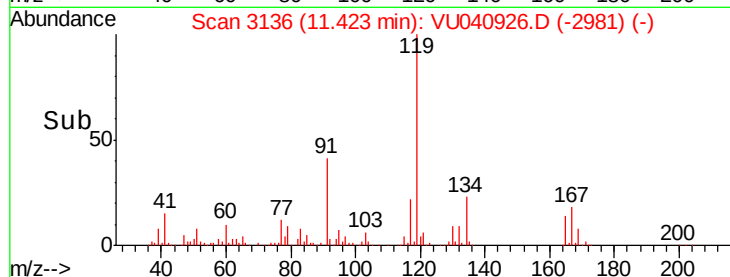
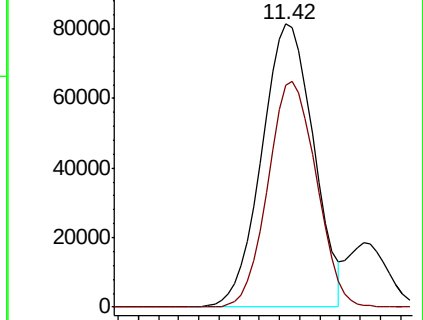
117 100

167 74.4 59.4 89.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 10.779 ug/l

RT: 12.47 min Scan# 3461

Delta R.T. -0.00 min

Lab File: VU040926.D

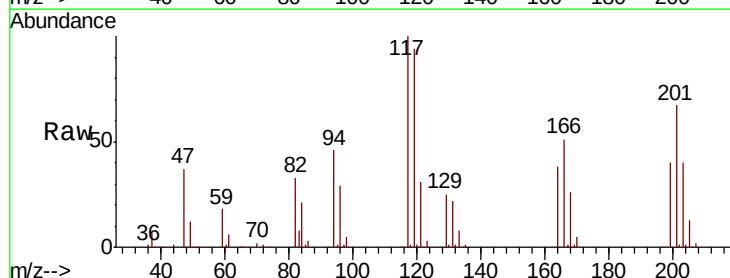
Acq: 23 Oct 2020 09:56

Tgt Ion:117 Resp: 155772

Ion Ratio Lower Upper

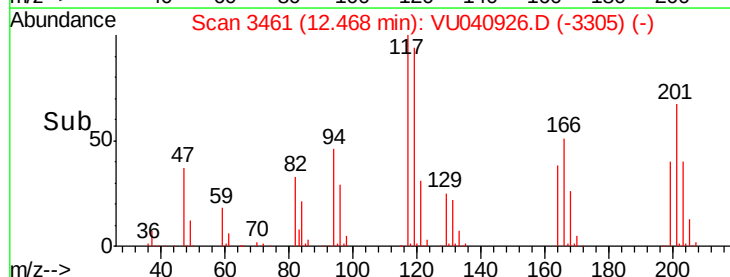
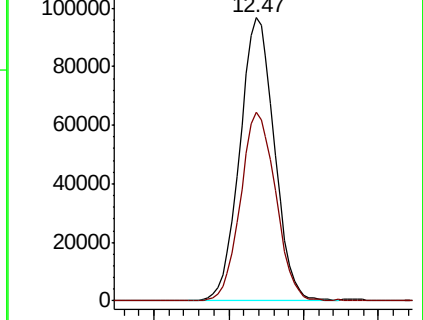
117 100

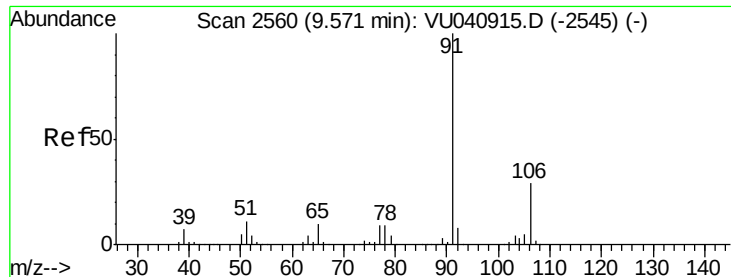
201 67.5 52.6 78.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V

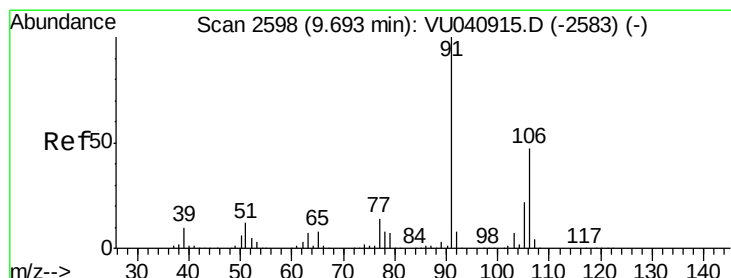
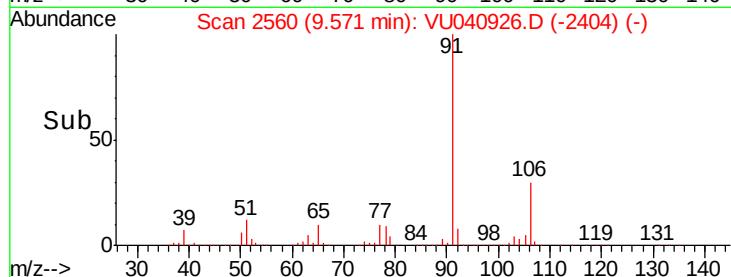
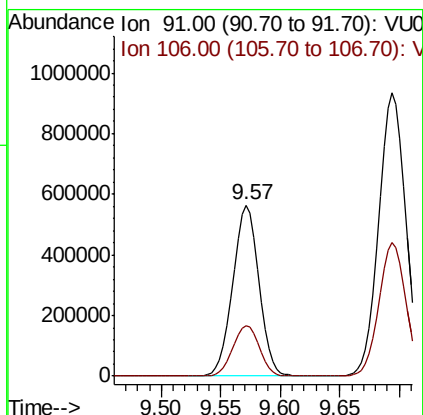
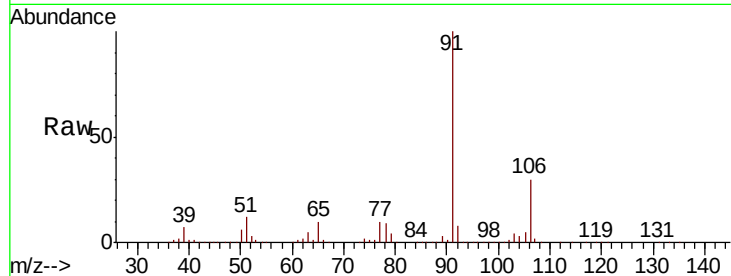




#63
Ethyl Benzene
Concen: 11.643 ug/l
RT: 9.57 min Scan# 2560
Delta R.T. 0.00 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

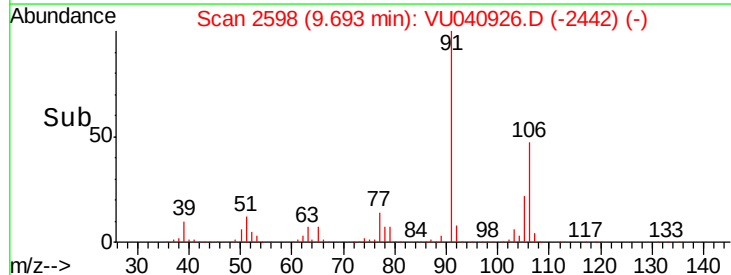
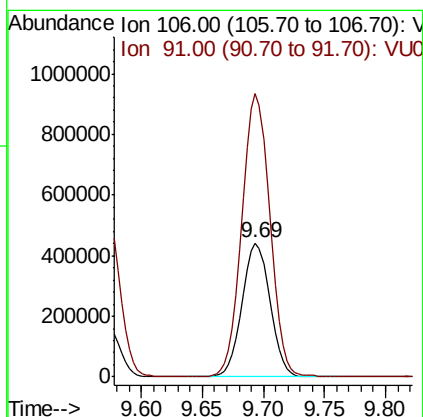
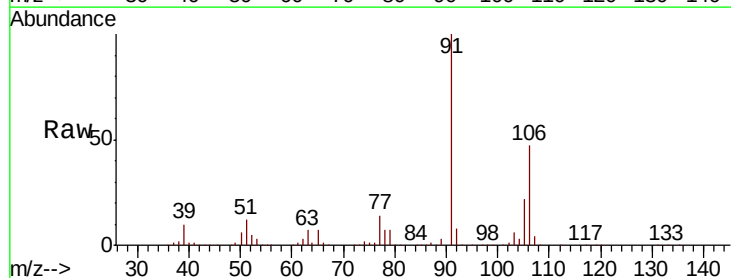
Instrument :
MSVOA_U
ClientSampleId :
BFB81

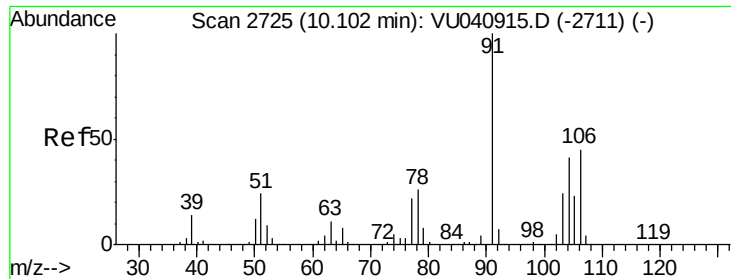
Tot Ion: 91 Resp: 862728
Ion Ratio Lower Upper
91 100
106 29.8 23.5 35.3



#64
m/p-Xylenes
Concen: 21.163 ug/l
RT: 9.69 min Scan# 2598
Delta R.T. 0.00 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

Tgt Ion: 106 Resp: 695219
Ion Ratio Lower Upper
106 100
91 211.9 168.3 252.5





#65

o-Xylene

Concen: 11.961 ug/l

RT: 10.10 min Scan# 2725

Delta R.T. -0.00 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

Instrument :

MSVOA_U

ClientSampled :

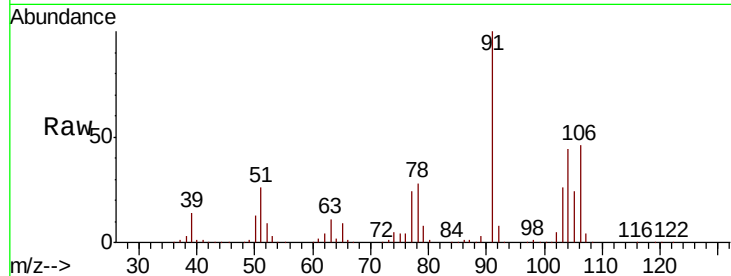
BFB81

Tot Ion:106 Resp: 311228

Ion Ratio Lower Upper

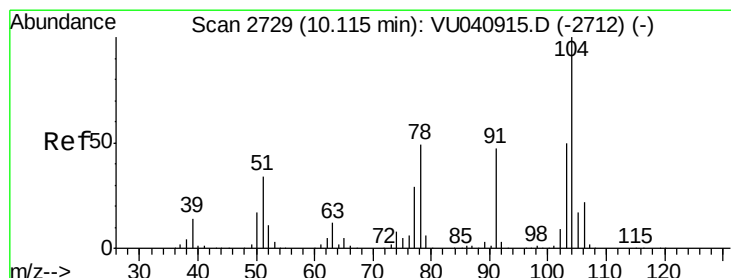
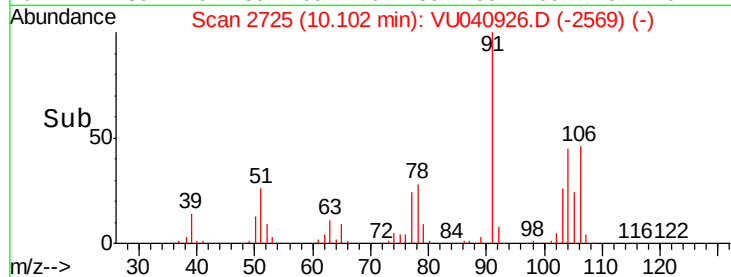
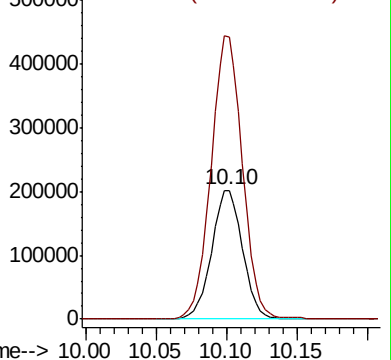
106 100

91 222.6 111.3 333.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#66

Styrene

Concen: 10.609 ug/l

RT: 10.11 min Scan# 2728

Delta R.T. -0.00 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

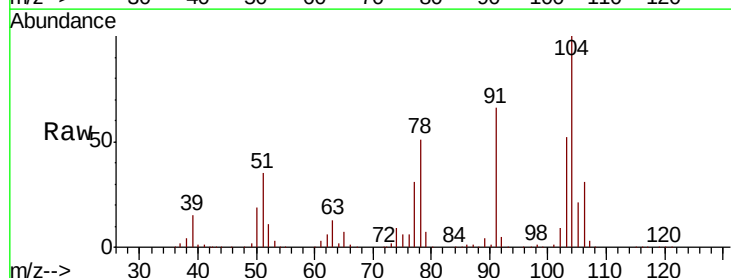
Tgt Ion:104 Resp: 576058

Ion Ratio Lower Upper

104 100

78 55.0 43.4 65.0

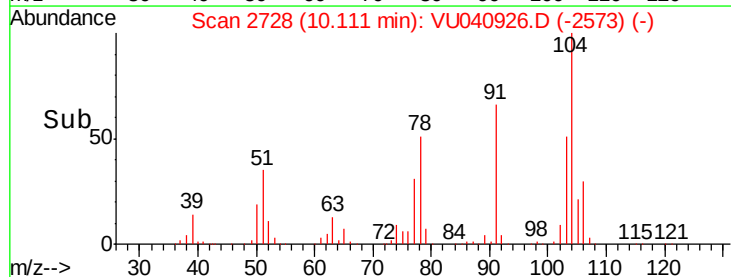
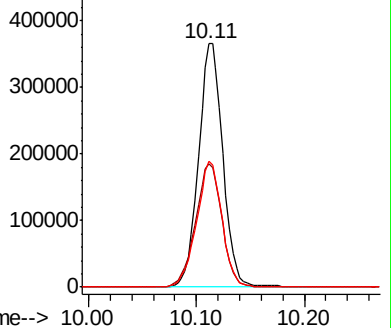
103 53.6 43.1 64.7

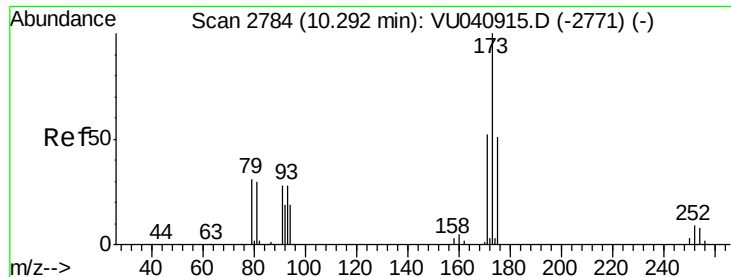


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V





#67

Bromoform

Concen: 10.333 ug/l

RT: 10.29 min Scan# 2784

Delta R.T. -0.00 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

Instrument :

MSVOA_U

ClientSampleId :

BFB81

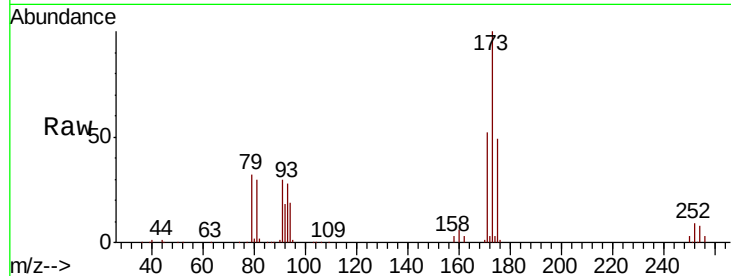
Tot Ion:173 Resp: 103590

Ion Ratio Lower Upper

173 100

175 48.1 39.0 58.4

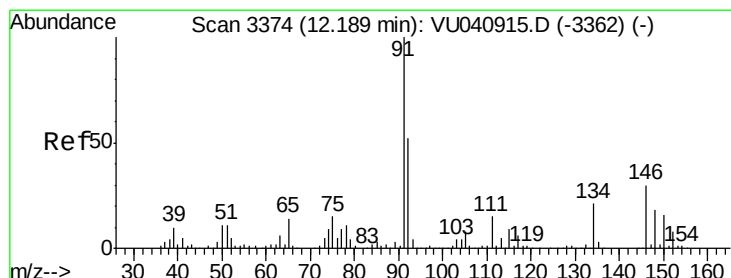
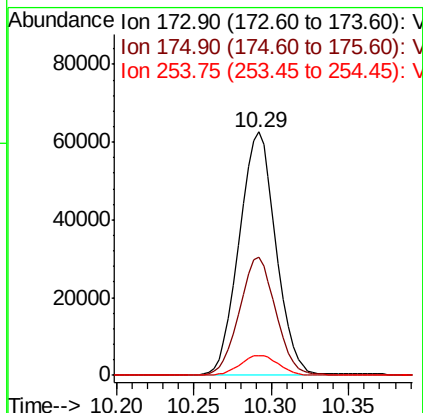
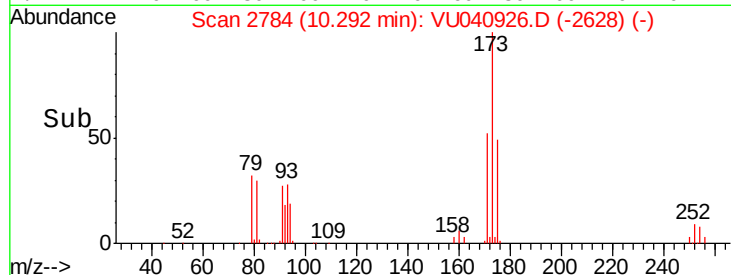
254 8.4 6.6 9.8



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: 1.060 ug/l

RT: 12.19 min Scan# 3374

Delta R.T. -0.00 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

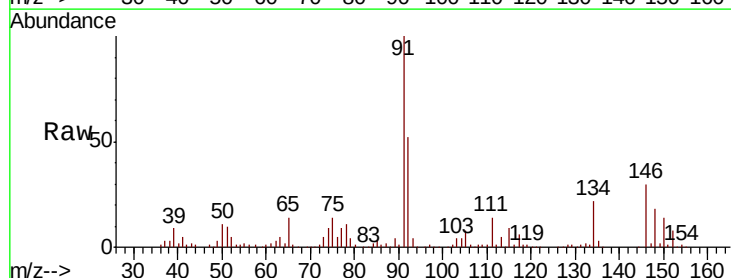
Tgt Ion:152 Resp: 24209

Ion Ratio Lower Upper

152 100

115 162.9 0.0 323.4

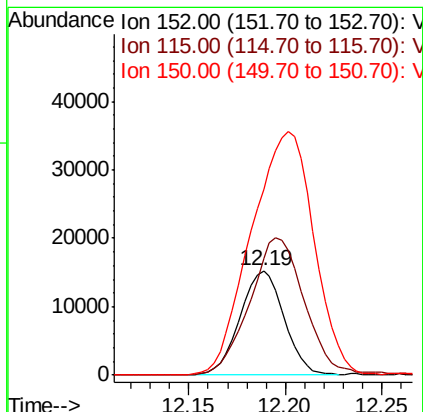
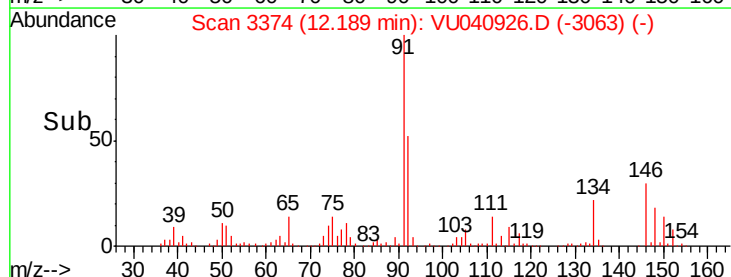
150 331.3 0.0 653.8

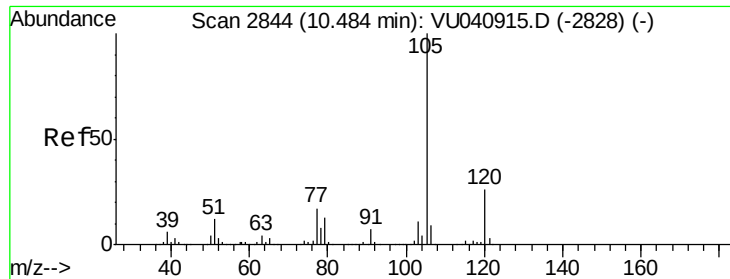


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 11.850 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. 0.00 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

Instrument :

MSVOA_U

ClientSampled :

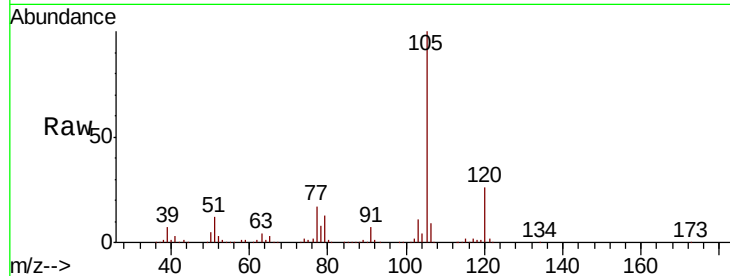
BFB81

Tot Ion:105 Resp: 822355

Ion Ratio Lower Upper

105 100

120 25.6 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

100000

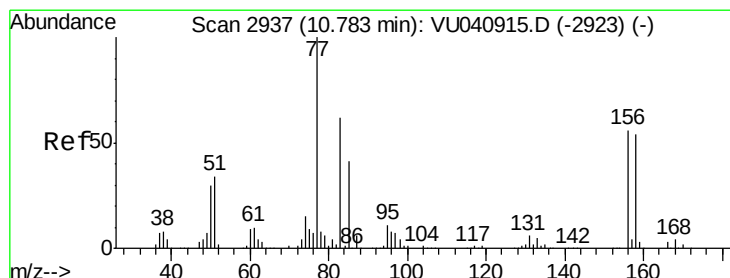
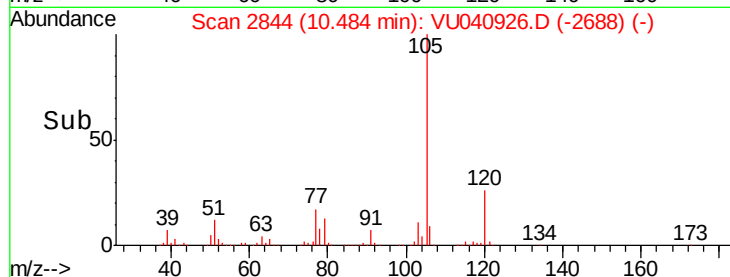
0

10.40

10.50

10.60

Time-->



#70

1,1,2,2-Tetrachloroethane

Concen: 10.429 ug/l

RT: 10.78 min Scan# 2936

Delta R.T. -0.00 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

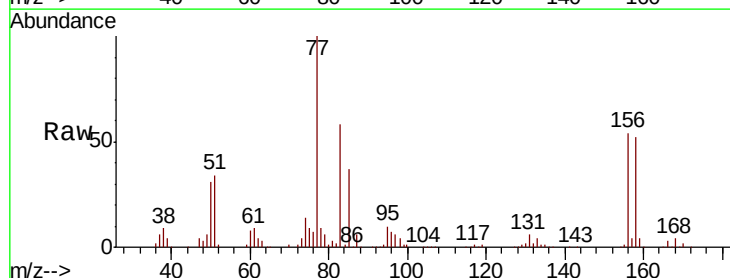
Tgt Ion: 83 Resp: 219199

Ion Ratio Lower Upper

83 100

131 9.2 7.1 10.7

85 64.4 51.8 77.6



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

150000

100000

50000

0

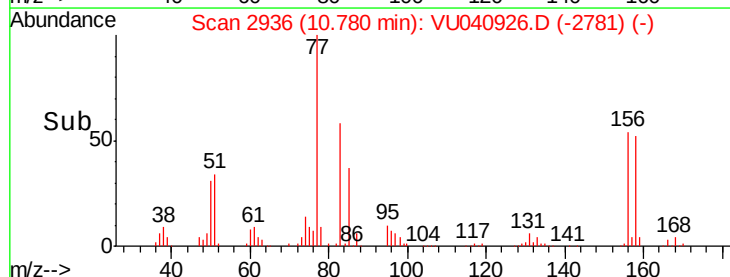
10.70

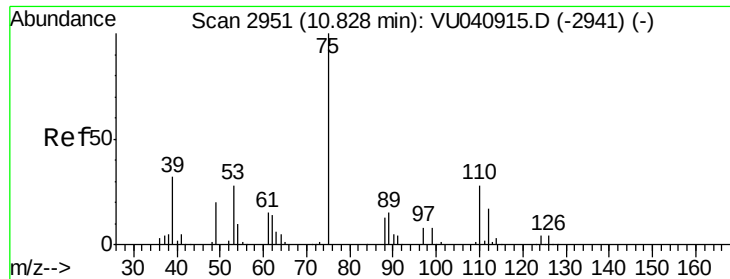
10.75

10.80

10.85

Time-->

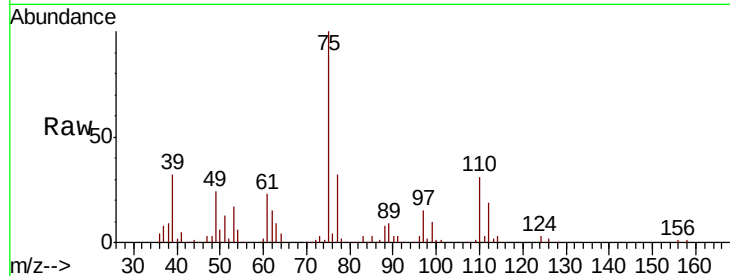




#71
 1,2,3-Trichloropropane
 Concen: 19.205 ug/l
 RT: 10.83 min Scan# 2950
 Delta R.T. -0.00 min
 Lab File: VU040926.D
 Acq: 23 Oct 2020 09:56

Instrument :
 MSVOA_U
 ClientSampleId :
 BFB81

Tot Ion:	75	Resp:	307731
Ion	Ratio	Lower	Upper
75	100		
77	30.2	0.0	110.8
110	20.2	0.0	73.4
97	9.9	0.0	36.0



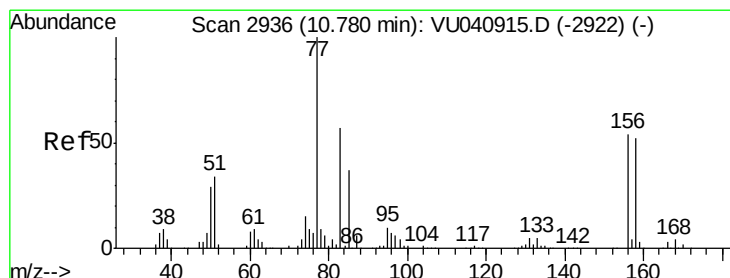
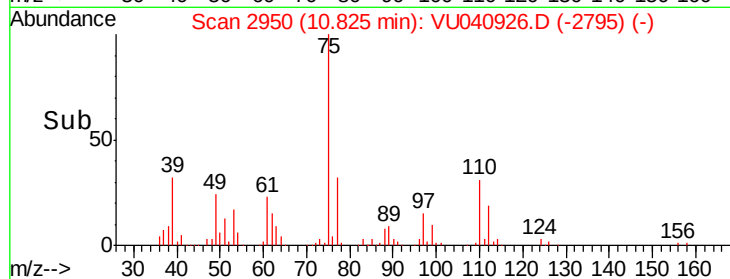
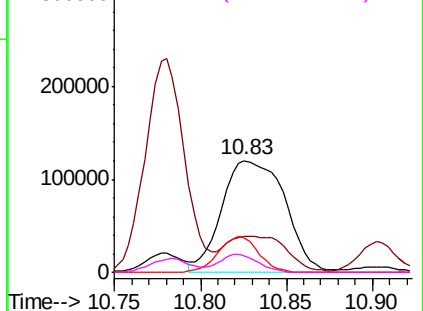
Abundance

Ion 75.00 (74.70 to 75.70): VU040915.D (-2941) (-)

Ion 77.00 (76.70 to 77.70): VU040915.D (-2941) (-)

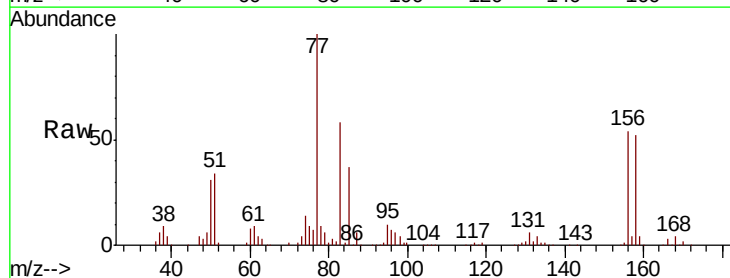
Ion 110.00 (109.70 to 110.70): VU040915.D (-2941) (-)

Ion 97.00 (96.70 to 97.70): VU040915.D (-2941) (-)



#72
 Bromobenzene
 Concen: 10.895 ug/l
 RT: 10.78 min Scan# 2936
 Delta R.T. 0.00 min
 Lab File: VU040926.D
 Acq: 23 Oct 2020 09:56

Tgt Ion:	156	Resp:	197132
Ion	Ratio	Lower	Upper
156	100		
77	185.7	0.0	370.2
158	96.4	0.0	193.2

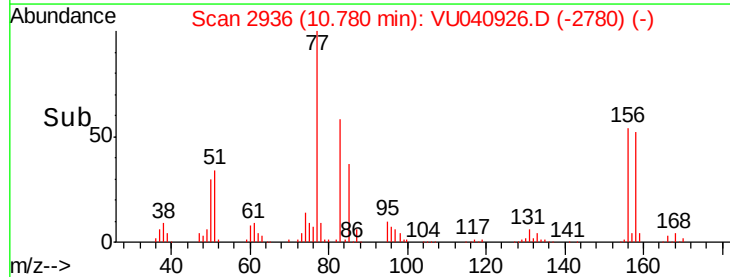
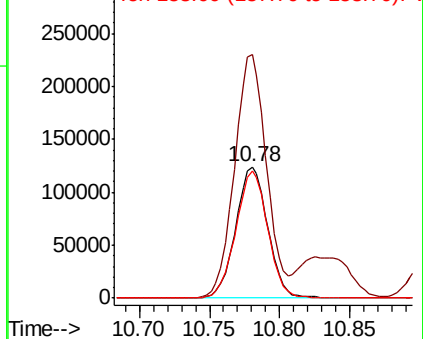


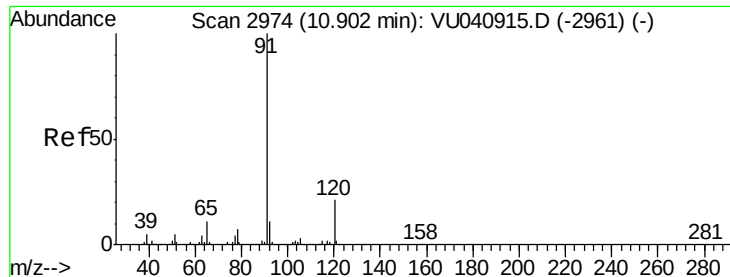
Abundance

Ion 156.00 (155.70 to 156.70): VU040915.D (-2922) (-)

Ion 77.00 (76.70 to 77.70): VU040915.D (-2922) (-)

Ion 158.00 (157.70 to 158.70): VU040915.D (-2922) (-)





#73

n-propylbenzene

Concen: 10.472 ug/l

RT: 10.90 min Scan# 2974

Delta R.T. 0.00 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

Instrument :

MSVOA_U

ClientSampleId :

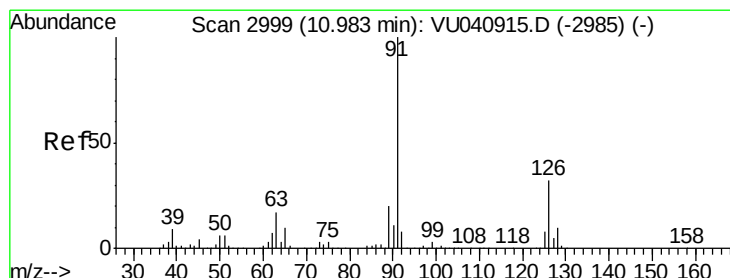
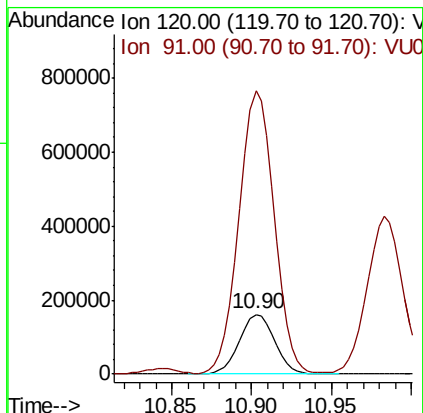
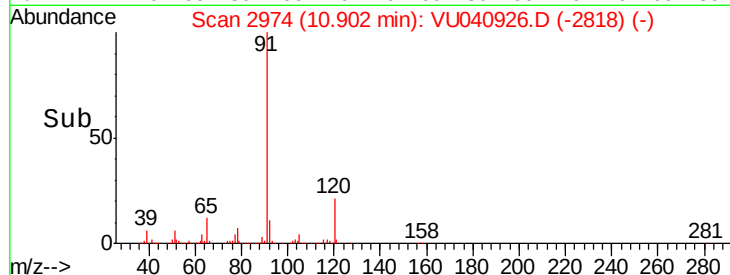
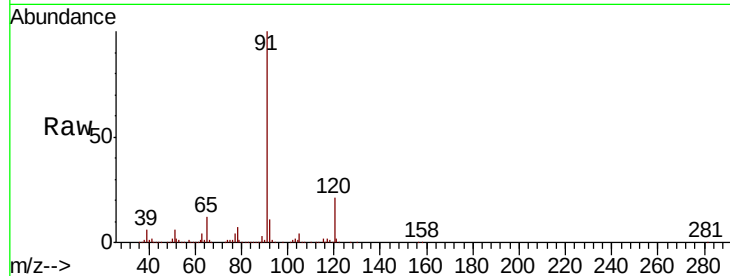
BFB81

Tot Ion:120 Resp: 241404

Ion Ratio Lower Upper

120 100

91 474.2 370.8 556.2



#74

2-Chlorotoluene

Concen: 11.275 ug/l

RT: 10.98 min Scan# 2999

Delta R.T. 0.00 min

Lab File: VU040926.D

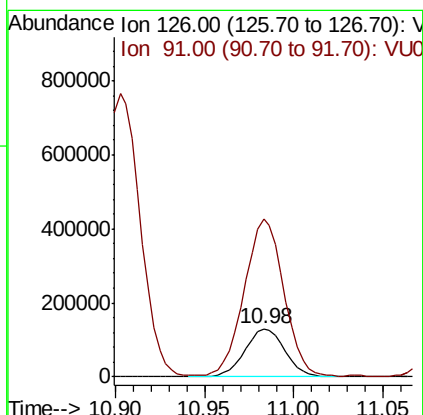
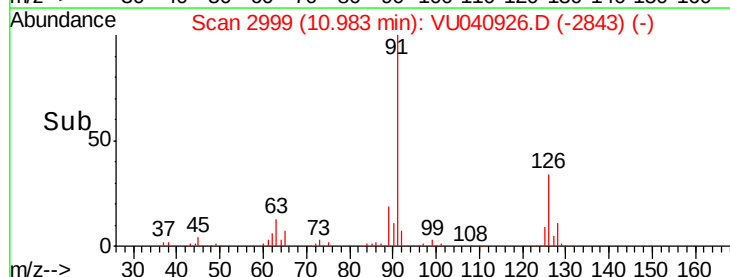
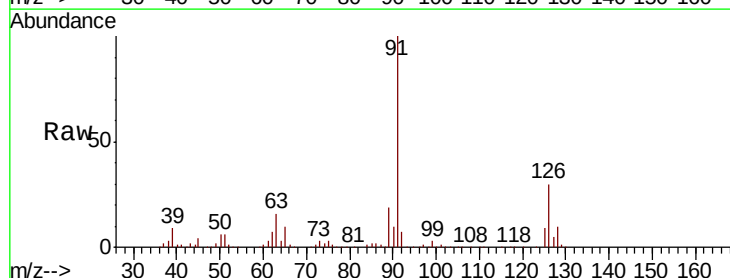
Acq: 23 Oct 2020 09:56

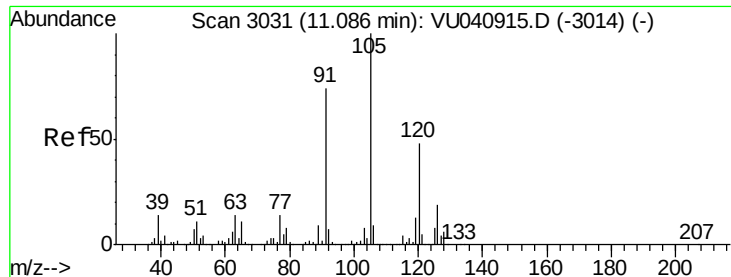
Tgt Ion:126 Resp: 203024

Ion Ratio Lower Upper

126 100

91 321.4 0.0 633.2





#75

1,3,5-Trimethylbenzene

Concen: 10.439 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

Instrument :

MSVOA_U

ClientSampled :

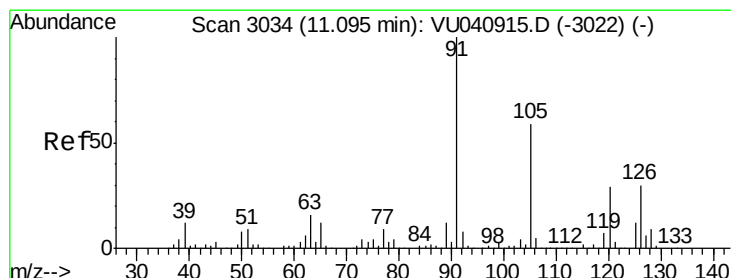
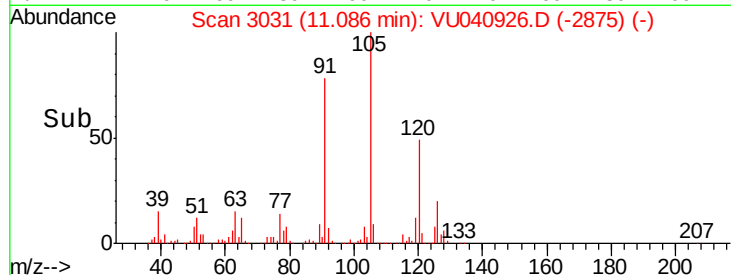
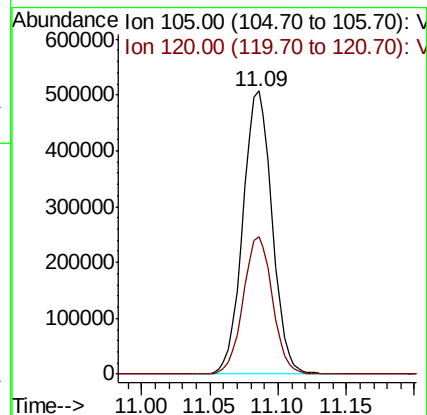
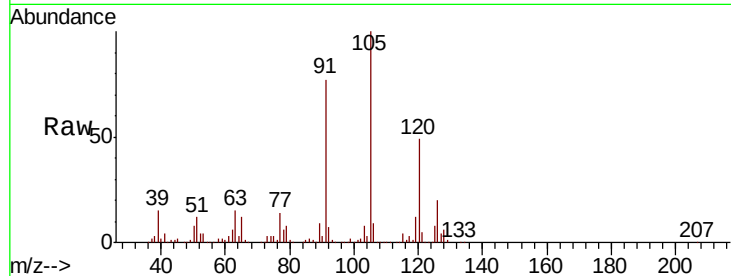
BFB81

Tot Ion:105 Resp: 754779

Ion Ratio Lower Upper

105 100

120 48.4 38.7 58.1



#76

4-Chlorotoluene

Concen: 11.829 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. 0.00 min

Lab File: VU040926.D

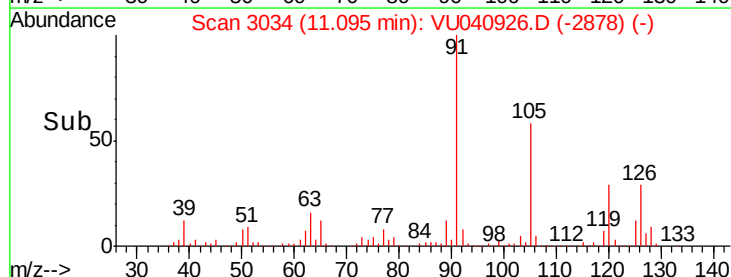
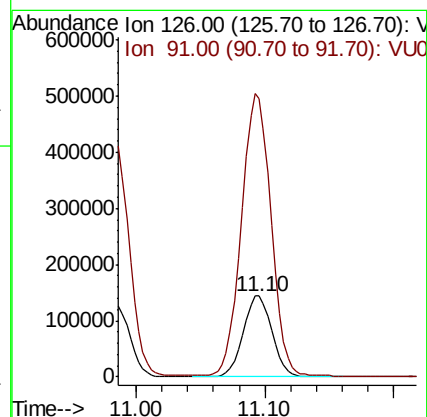
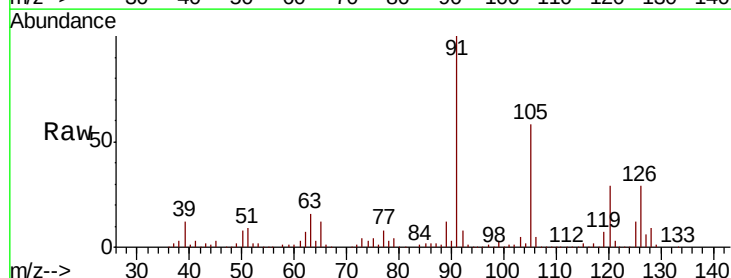
Acq: 23 Oct 2020 09:56

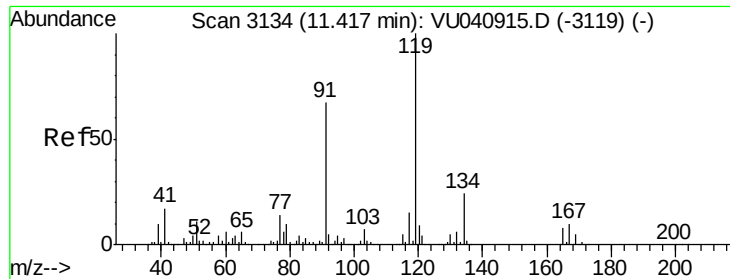
Tgt Ion:126 Resp: 220756

Ion Ratio Lower Upper

126 100

91 364.3 0.0 730.4





#77

tert-Butylbenzene

Concen: 11.740 ug/l

RT: 11.42 min Scan# 3134

Delta R.T. 0.00 min

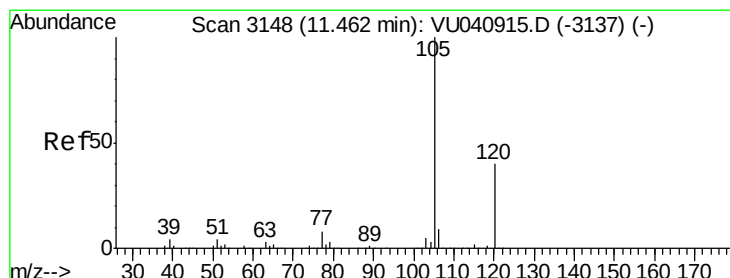
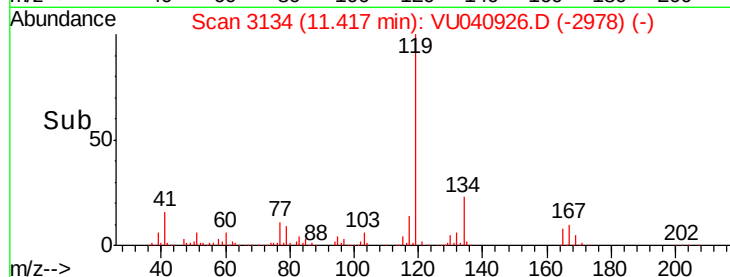
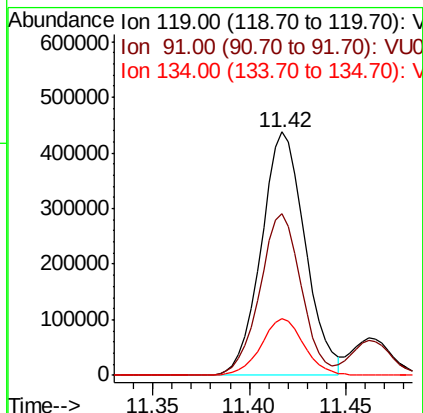
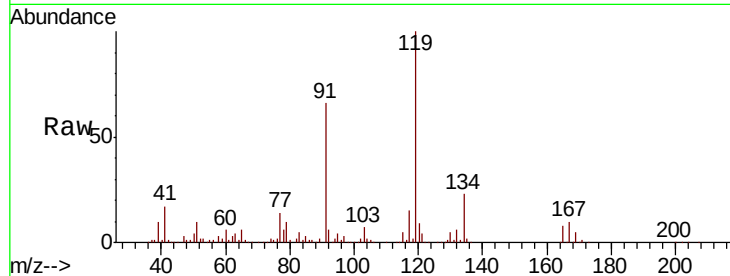
Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

Instrument :
MSVOA_U
ClientSampleID :
BFB81

Tot Ion:119 Resp: 688623

Ion	Ratio	Lower	Upper
119	100		
91	62.6	32.0	96.2
134	22.7	18.4	27.6



#78

1,2,4-Trimethylbenzene

Concen: 10.557 ug/l

RT: 11.46 min Scan# 3148

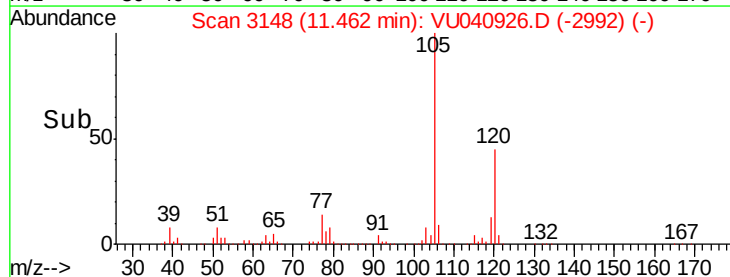
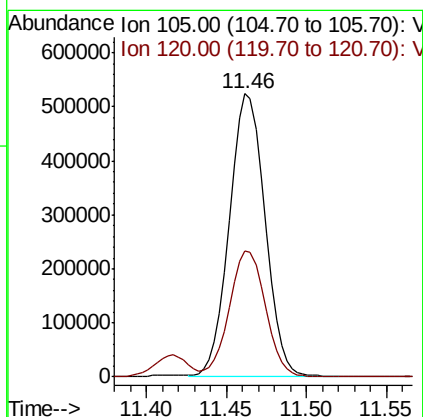
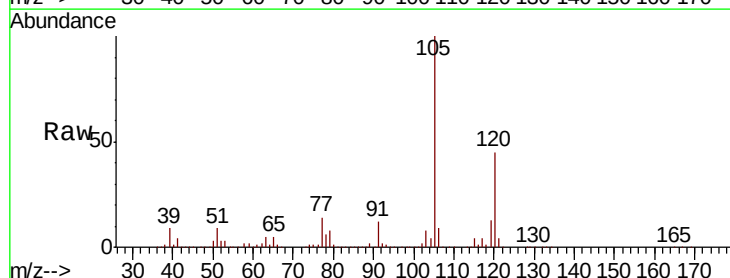
Delta R.T. 0.00 min

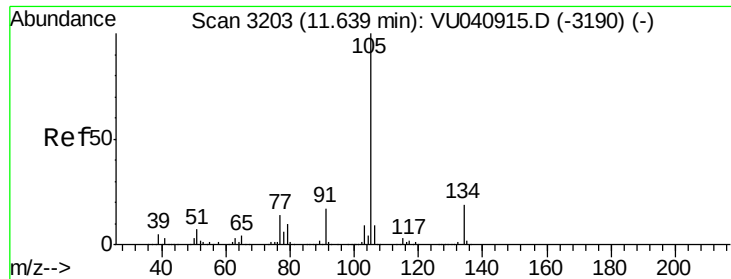
Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

Tgt Ion:105 Resp: 791800

Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.6	67.8





#79

sec-Butylbenzene

Concen: 12.053 ug/l

RT: 11.64 min Scan# 3203

Delta R.T. -0.00 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

Instrument :

MSVOA_U

ClientSampleId :

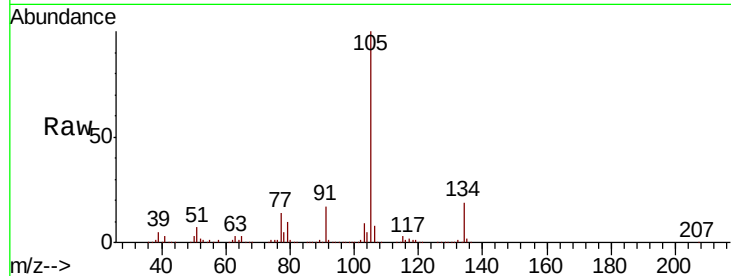
BFB81

Tot Ion:105 Resp: 981549

Ion Ratio Lower Upper

105 100

134 19.2 15.4 23.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.64

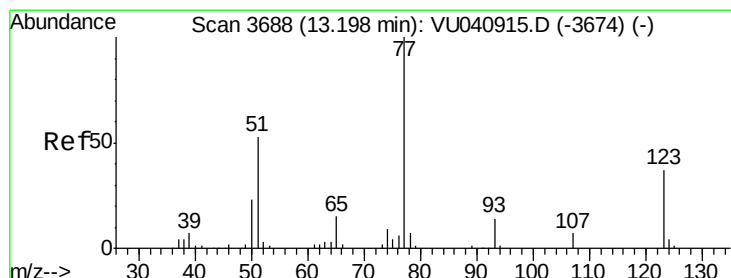
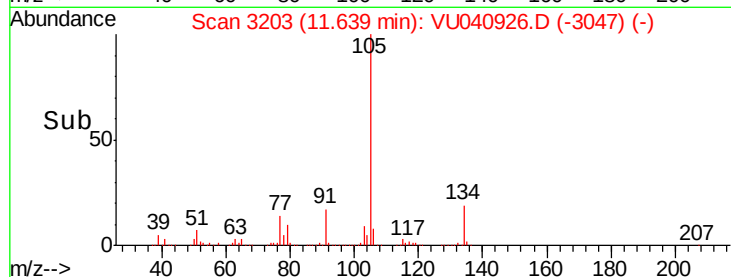
600000

400000

200000

0

Time-->



#80

Nitrobenzene

Concen: 53.803 ug/l

RT: 13.20 min Scan# 3689

Delta R.T. 0.00 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

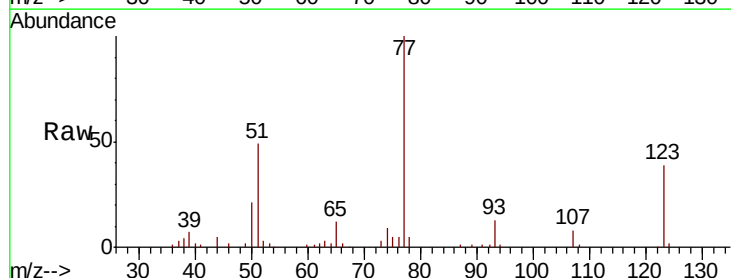
Tgt Ion: 77 Resp: 53485

Ion Ratio Lower Upper

77 100

123 36.2 16.8 59.4

65 11.6 11.0 14.0



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

40000

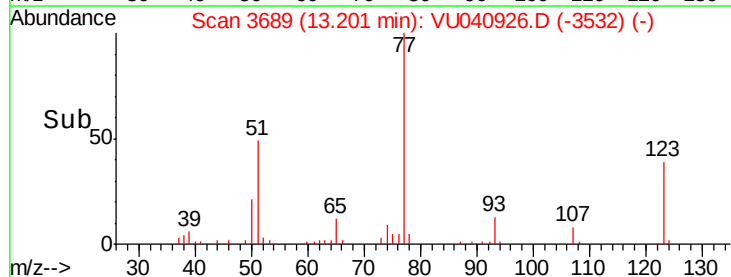
30000

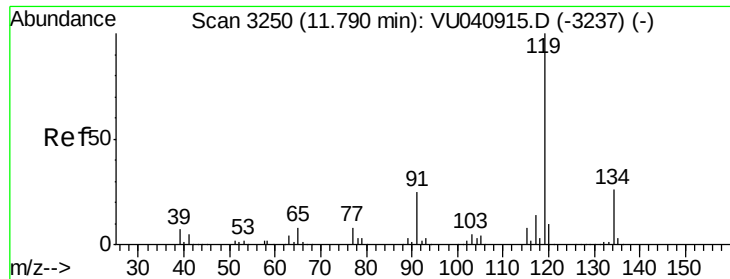
20000

10000

0

Time-->

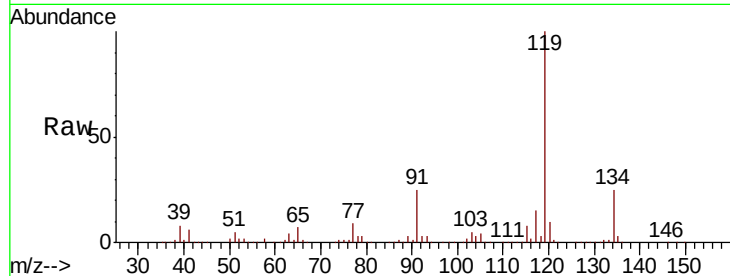




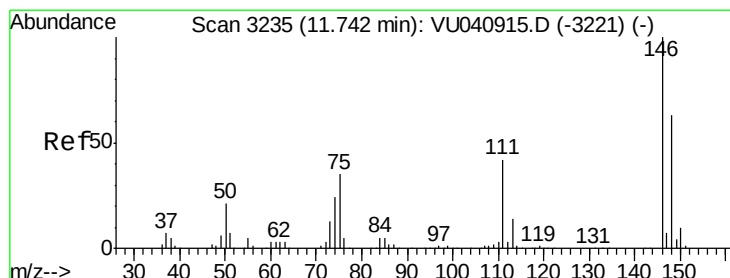
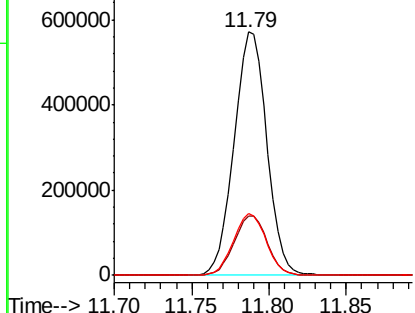
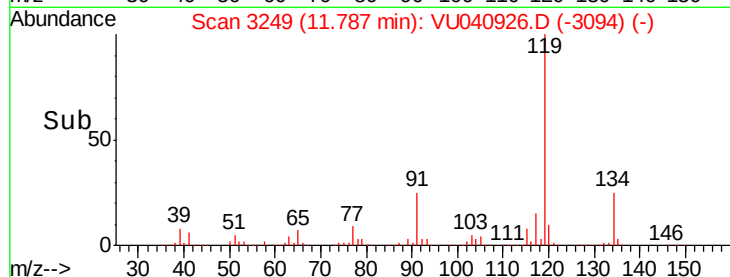
#81
 p-Isopropyltoluene
 Concen: 10.535 ug/l
 RT: 11.79 min Scan# 3249
 Delta R.T. -0.00 min
 Lab File: VU040926.D
 Acq: 23 Oct 2020 09:56

Instrument :
 MSVOA_U
 ClientSampleId :
 BFB81

Tot Ion	Ratio	Lower	Upper
119	100		
134	24.7	20.4	30.6
91	25.4	20.4	30.6

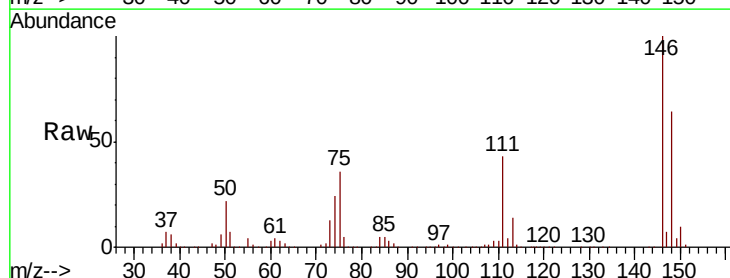


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

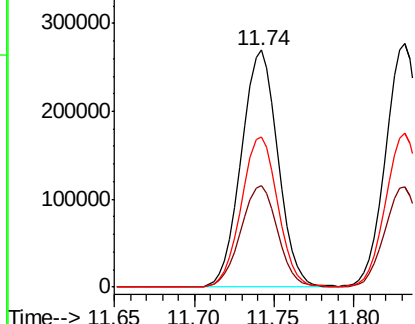
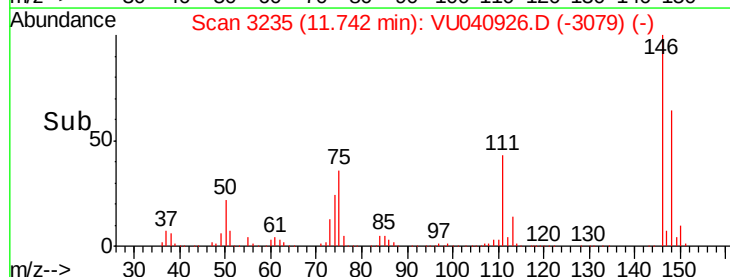


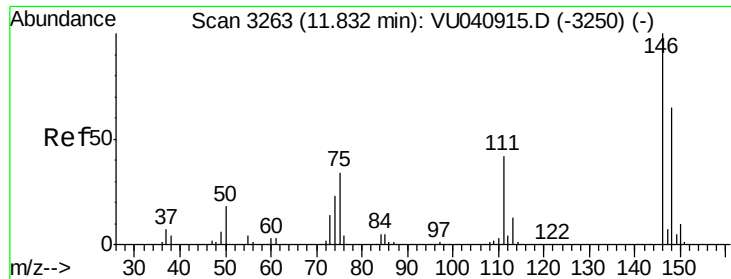
#82
 1,3-Dichlorobenzene
 Concen: 10.643 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. 0.00 min
 Lab File: VU040926.D
 Acq: 23 Oct 2020 09:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.1	33.6	50.4
148	63.0	50.1	75.1



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

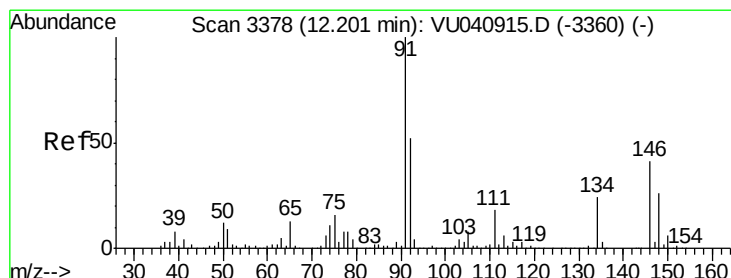
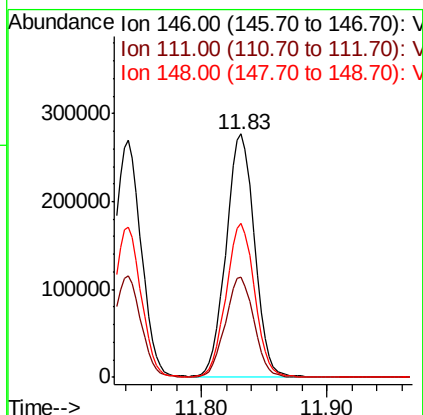
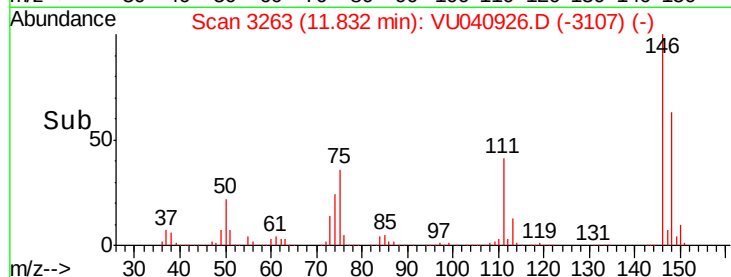
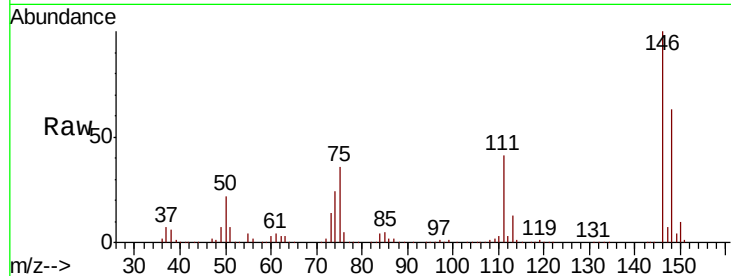




#83
 1,4-Dichlorobenzene
 Concen: 10.861 ug/l
 RT: 11.83 min Scan# 3263
 Delta R.T. -0.00 min
 Lab File: VU040926.D
 Acq: 23 Oct 2020 09:56

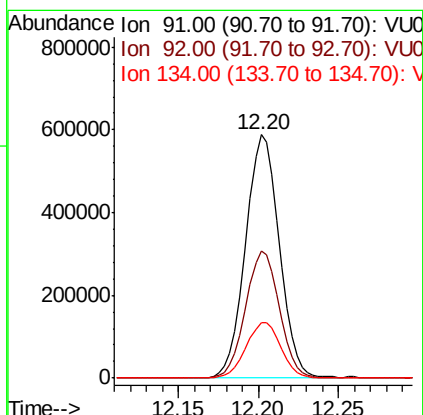
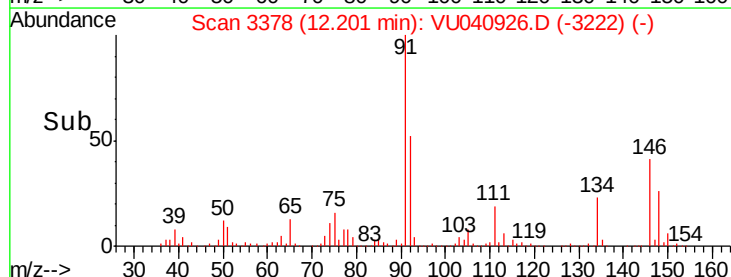
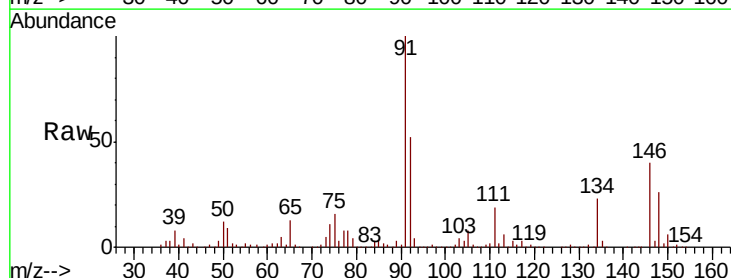
Instrument :
 MSVOA_U
 ClientSampled :
 BFB81

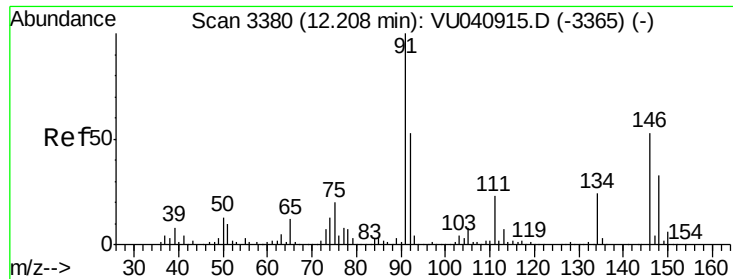
Tot Ion:146 Resp: 433462
 Ion Ratio Lower Upper
 146 100
 111 41.5 33.7 50.5
 148 63.6 50.6 75.8



#84
 n-Butylbenzene
 Concen: 12.393 ug/l
 RT: 12.20 min Scan# 3378
 Delta R.T. 0.00 min
 Lab File: VU040926.D
 Acq: 23 Oct 2020 09:56

Tgt Ion: 91 Resp: 844762
 Ion Ratio Lower Upper
 91 100
 92 52.2 41.7 62.5
 134 23.4 18.6 28.0

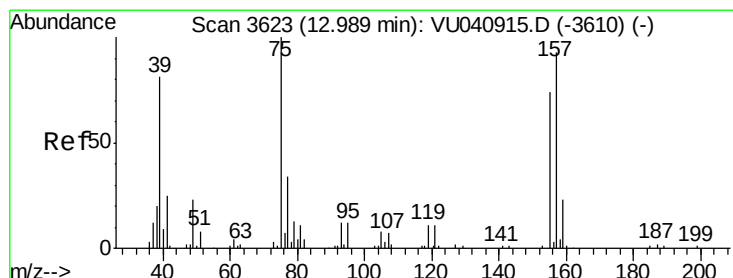
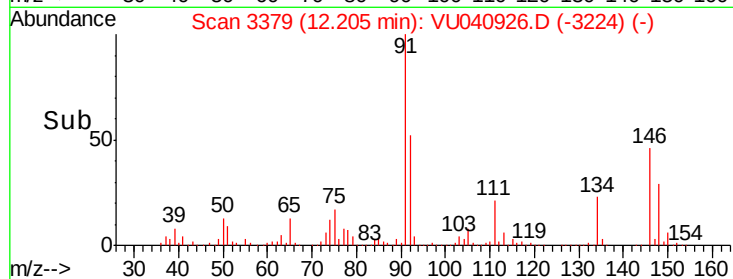
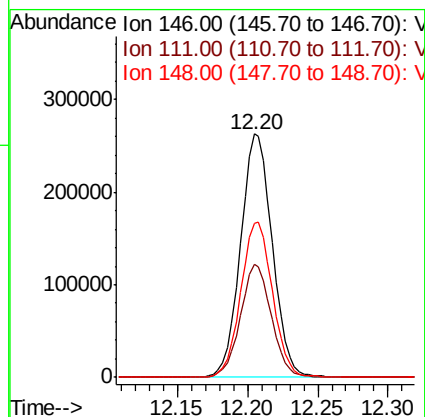
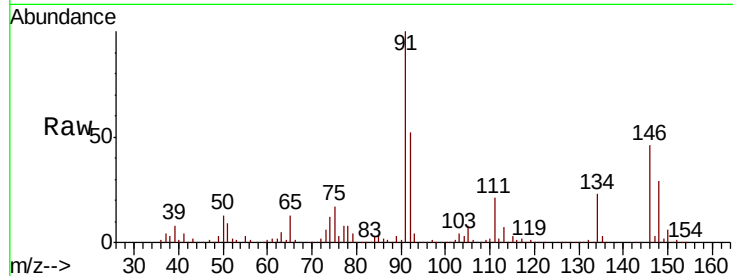




#85
 1,2-Dichlorobenzene
 Concen: 10.990 ug/l
 RT: 12.20 min Scan# 3379
 Delta R.T. -0.00 min
 Lab File: VU040926.D
 Acq: 23 Oct 2020 09:56

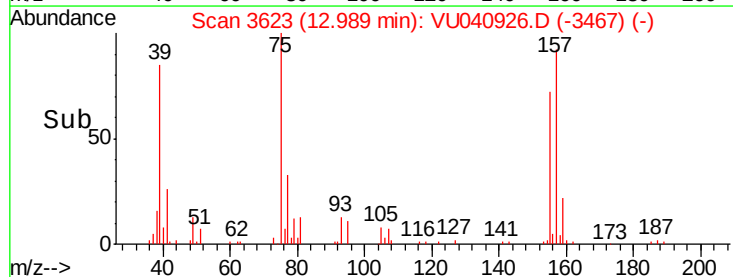
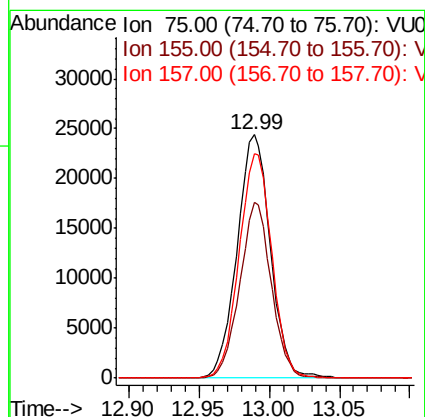
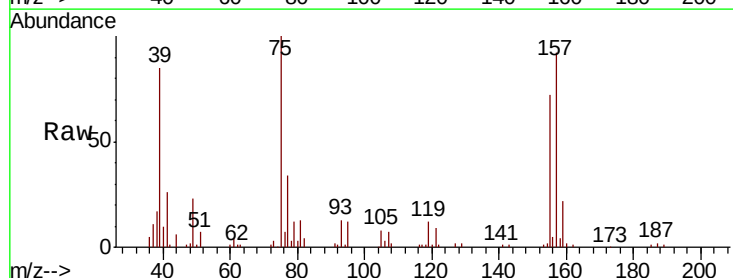
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB81

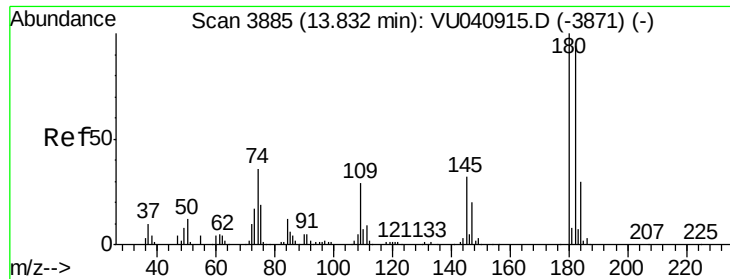
Tot Ion:146 Resp: 414879
 Ion Ratio Lower Upper
 146 100
 111 45.3 22.3 66.9
 148 63.7 31.5 94.5



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 10.305 ug/l
 RT: 12.99 min Scan# 3623
 Delta R.T. 0.00 min
 Lab File: VU040926.D
 Acq: 23 Oct 2020 09:56

Tgt Ion: 75 Resp: 40435
 Ion Ratio Lower Upper
 75 100
 155 68.5 57.1 85.7
 157 90.3 72.4 108.6

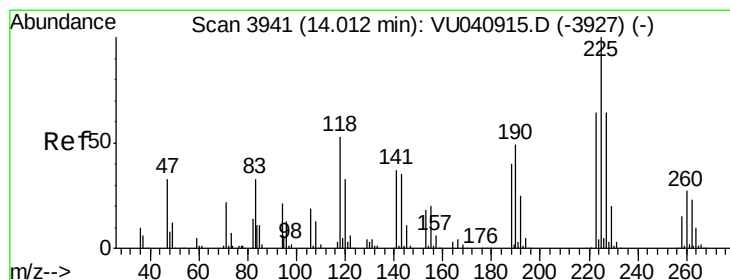
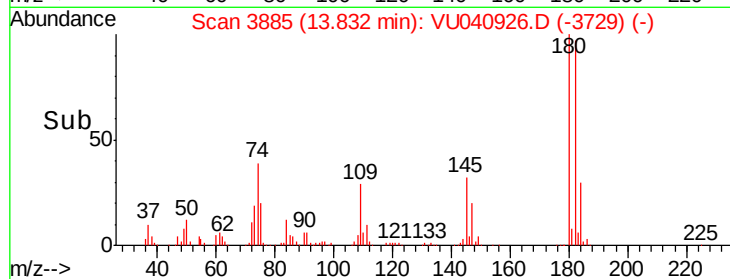
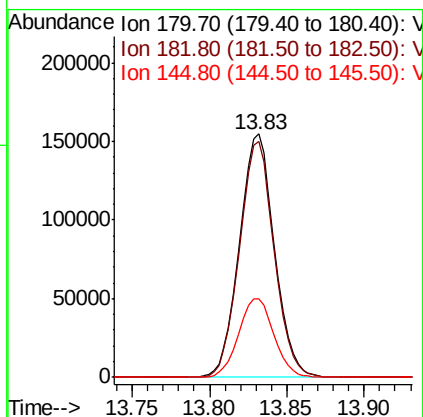
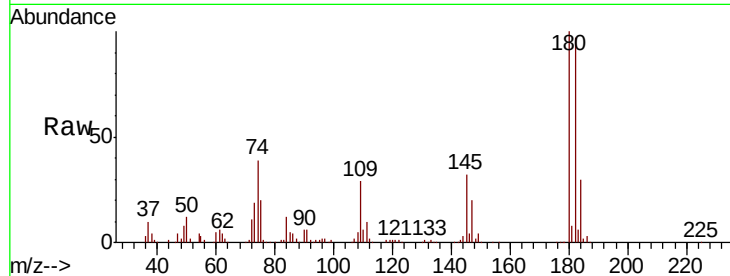




#87
 1,2,4-Trichlorobenzene
 Concen: 11.009 ug/l
 RT: 13.83 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VU040926.D
 Acq: 23 Oct 2020 09:56

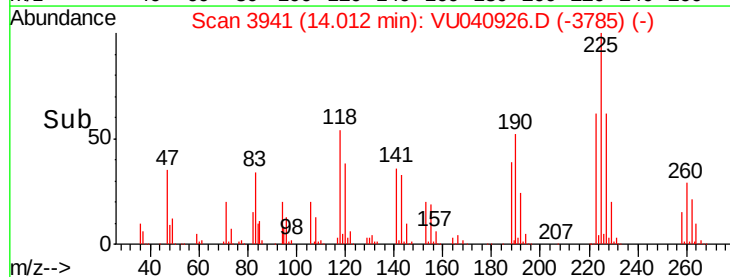
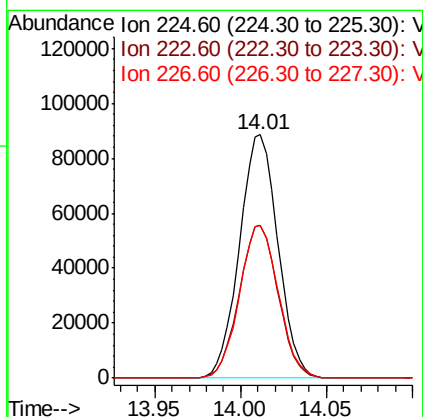
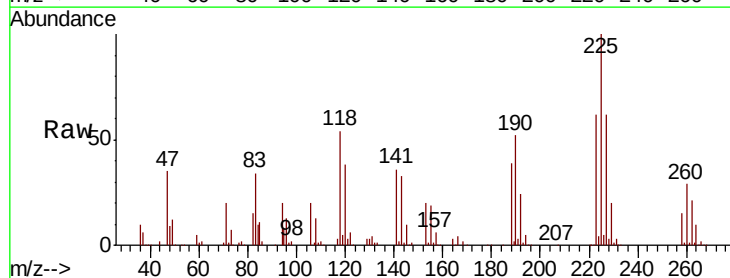
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB81

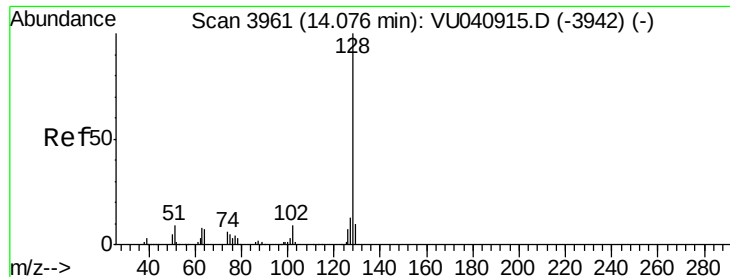
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.4	113.2
145	32.7	25.4	38.0



#88
 Hexachlorobutadiene
 Concen: 11.063 ug/l
 RT: 14.01 min Scan# 3941
 Delta R.T. 0.00 min
 Lab File: VU040926.D
 Acq: 23 Oct 2020 09:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.9	74.9
227	63.4	51.1	76.7

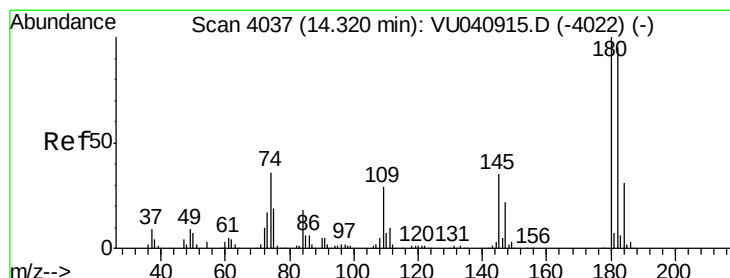
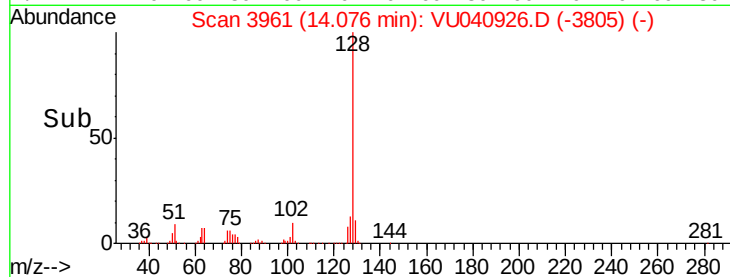
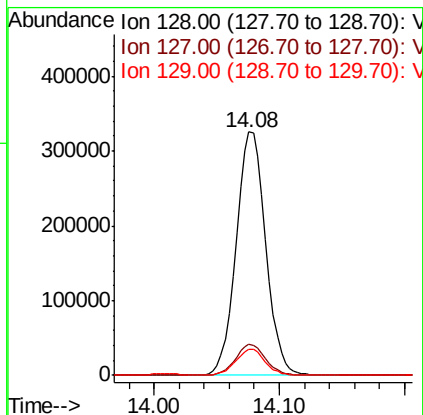
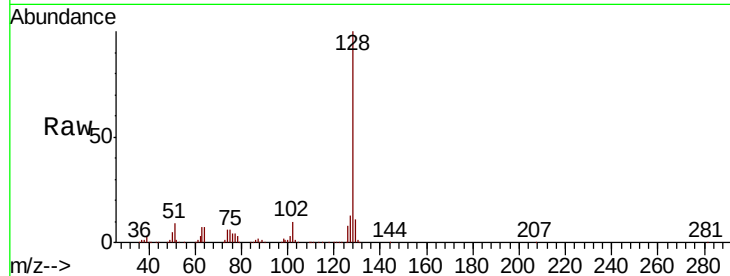




#89
Naphthalene
Concen: 9.561 ug/l
RT: 14.08 min Scan# 3961
Delta R.T. 0.00 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

Instrument :
MSVOA_U
ClientSampleId :
BFB81

Tot Ion:128 Resp: 531338
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 10.5 8.6 13.0



#90
1,2,3-Trichlorobenzene
Concen: 11.659 ug/l
RT: 14.32 min Scan# 4037
Delta R.T. 0.00 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

Tgt Ion:180 Resp: 251013
Ion Ratio Lower Upper
180 100
182 94.8 76.0 114.0
145 34.9 28.0 42.0

