

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082620\
 Data File : VU039977.D
 Acq On : 26 Aug 2020 10:06
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFB22

Quant Time: Aug 27 00:47:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 26 14:32:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	76759	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	72736	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	38575	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	27818	4.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.00%
7) Chloroethane-d5	1.92	69	25188	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.58	63	63420	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.80%
20) 2-Butanone-d5	4.66	46	100138	46.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.46%
24) Chloroform-d	5.08	84	62227	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.72	65	36649	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.74	84	111192	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.70	67	36184	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.90	98	100385	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
43) trans-1,3-Dichloropropene-	8.19	79	15902	5.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.00%
46) 2-Hexanone-d5	8.64	63	74072	48.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.40%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	29404	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	38572	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	41933	5.256 ug/L	99
3) Chloromethane	1.53	50	37867	4.195 ug/L	96
5) Vinyl chloride	1.61	62	39480	4.623 ug/L	96
6) Bromomethane	1.87	94	17823	3.655 ug/L	98
8) Chloroethane	1.94	64	25153	4.606 ug/L	99
9) Trichlorofluoromethane	2.15	101	63452	4.967 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	37049	5.272 ug/L	95
12) 1,1-Dichloroethene	2.59	96	32120	4.784 ug/L	93
13) Acetone	2.67	43	75307	51.435 ug/L #	46
14) Carbon disulfide	2.81	76	97714	4.504 ug/L	99
15) Methyl Acetate	2.97	43	17563	4.673 ug/L	95
16) Methylene chloride	3.06	84	38548	4.176 ug/L	99
17) Methyl tert-butyl Ether	3.38	73	87713	5.181 ug/L	97
18) trans-1,2-Dichloroethene	3.37	96	32533	4.666 ug/L	86
19) 1,1-Dichloroethane	3.89	63	67404	5.215 ug/L	99
21) 2-Butanone	4.74	43	123967	48.730 ug/L	98
22) cis-1,2-Dichloroethene	4.68	96	36368	4.982 ug/L	93

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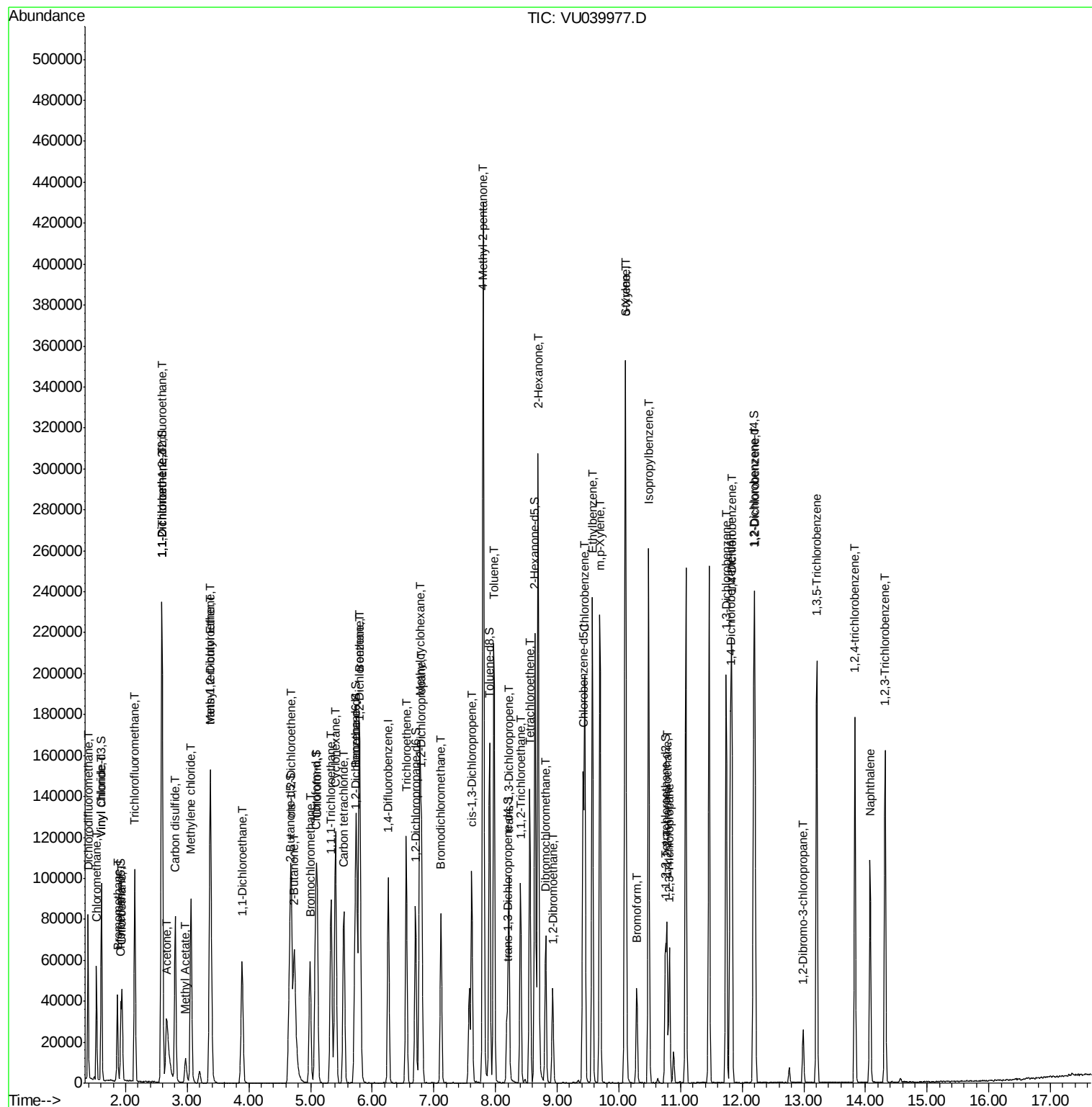
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.00	128	16816	4.898	ug/L	96
25) Chloroform	5.11	83	72119	5.505	ug/L	97
27) 1,2-Dichloroethane	5.81	62	51411	5.592	ug/L	95
29) 1,1,1-Trichloroethane	5.33	97	61003	5.702	ug/L	99
30) Cyclohexane	5.40	56	55895	5.277	ug/L	98
31) Carbon tetrachloride	5.54	117	53663	5.681	ug/L	99
33) Benzene	5.79	78	139359	5.272	ug/L	100
34) Trichloroethene	6.55	95	36191	5.276	ug/L	97
35) Methylcyclohexane	6.77	83	55685	5.299	ug/L	97
37) 1,2-Dichloropropane	6.80	63	38198	5.438	ug/L	98
38) Bromodichloromethane	7.11	83	50758	5.686	ug/L	98
39) cis-1,3-Dichloropropene	7.61	75	53629	5.463	ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	284688	51.175	ug/L	98
42) Toluene	7.98	91	142689	5.278	ug/L	98
44) trans-1,3-Dichloropropene	8.21	75	49769	5.395	ug/L	94
45) 1,1,2-Trichloroethane	8.40	97	27472	5.147	ug/L	98
47) Tetrachloroethene	8.56	164	28258	5.584	ug/L	95
48) 2-Hexanone	8.69	43	204270	51.240	ug/L	98
49) Dibromochloromethane	8.81	129	33353	5.234	ug/L	100
50) 1,2-Dibromoethane	8.93	107	26128	5.140	ug/L #	94
51) Chlorobenzene	9.45	112	91359	5.176	ug/L	97
52) Ethylbenzene	9.57	91	158679	5.396	ug/L	100
53) m,p-Xylene	9.69	106	59299	5.254	ug/L	89
54) o-Xylene	10.10	106	57268	5.368	ug/L	90
55) Styrene	10.11	104	99120	5.360	ug/L	95
56) Isopropylbenzene	10.48	105	154074	5.388	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.78	83	33565	4.870	ug/L	97
59) 1,2,3-Trichloropropane	10.82	75	24981	4.963	ug/L	97
61) Bromoform	10.29	173	19342	5.693	ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	74455	5.213	ug/L	100
63) 1,4-Dichlorobenzene	11.83	146	75552	5.195	ug/L	96
65) 1,2-Dichlorobenzene	12.21	146	69689	5.056	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.99	75	6343	5.627	ug/L #	88
67) 1,3,5-Trichlorobenzene	13.21	180	57350	5.407	ug/L	97
68) 1,2,4-trichlorobenzene	13.83	180	49396	5.459	ug/L	99
69) Naphthalene	14.08	128	79628	4.764	ug/L	98
70) 1,2,3-Trichlorobenzene	14.32	180	44678	5.284	ug/L	96

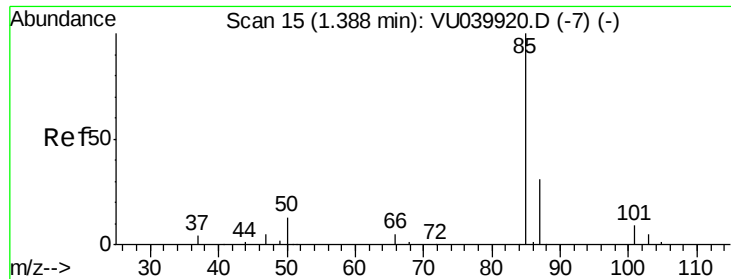
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 5.256 ug/L

RT: 1.39 min Scan# 16

Delta R.T. -0.00 min

Lab File: VU039977.D

Acq: 26 Aug 2020 10:06

Instrument :

MSVOA_U

ClientSampleId :

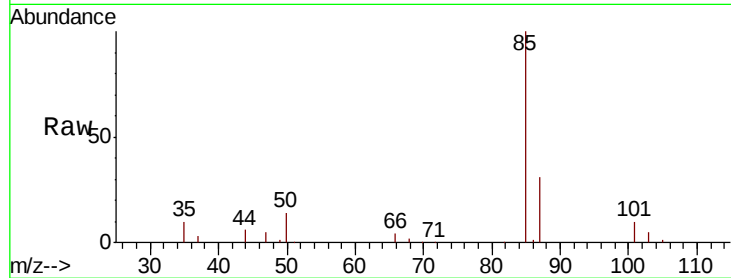
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Tot Ion: 85 Resp: 41933

Ion Ratio Lower Upper

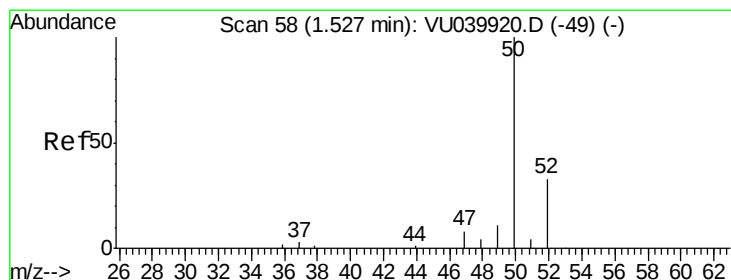
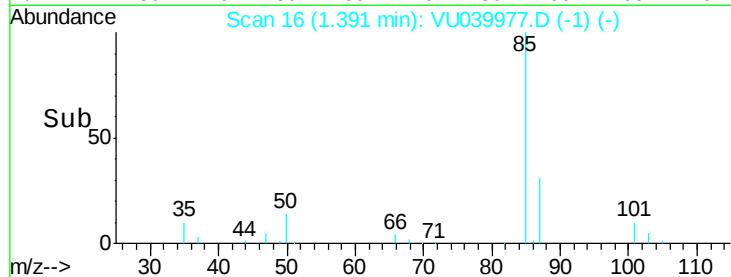
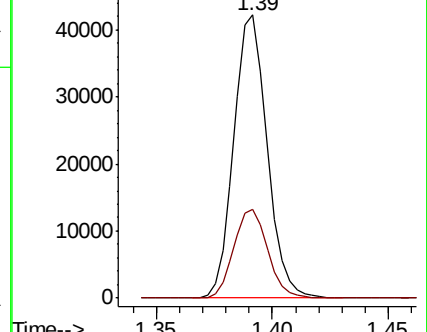
85 100

87 31.8 25.2 37.8



Abundance Ion 85.00 (84.70 to 85.70): VU039977.D (-1) (-)

Ion 87.00 (86.70 to 87.70): VU039977.D (-1) (-)



#3

Chloromethane

Concen: 4.195 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU039977.D

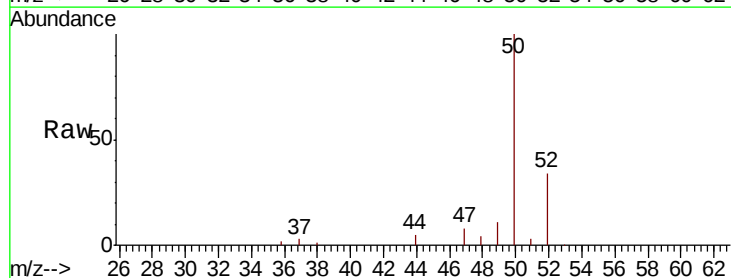
Acq: 26 Aug 2020 10:06

Tgt Ion: 50 Resp: 37867

Ion Ratio Lower Upper

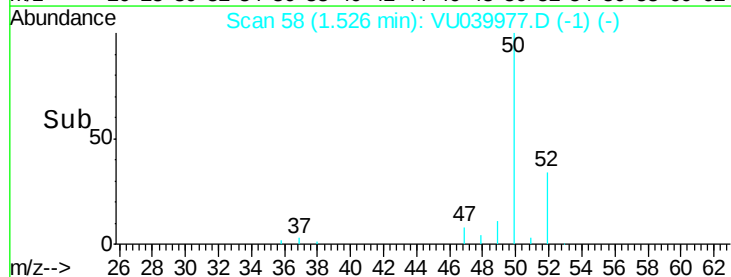
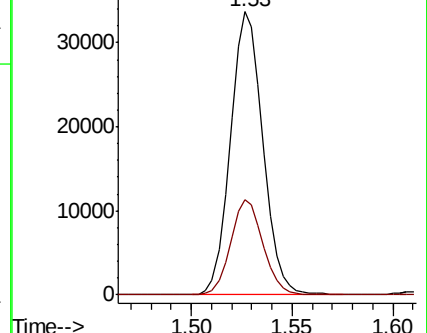
50 100

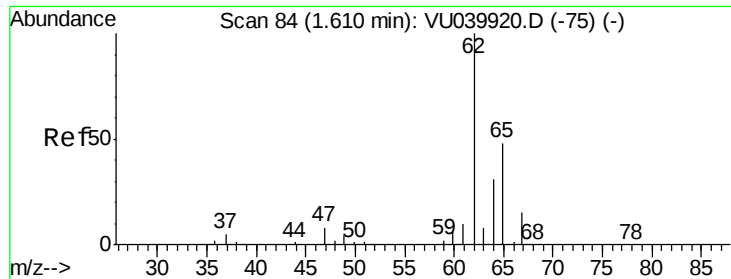
52 33.8 21.9 40.7



Abundance Ion 50.05 (49.75 to 50.75): VU039977.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VU039977.D (-1) (-)





#5

Vinyl chloride

Concen: 4.623 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU039977.D

Acq: 26 Aug 2020 10:06

Instrument :

MSVOA_U

ClientSampleId :

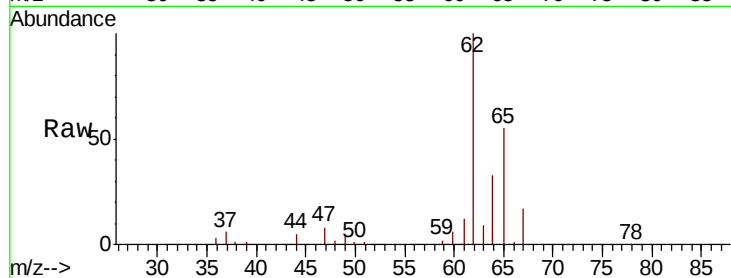
BFB22

Tot Ion: 62 Resp: 39480

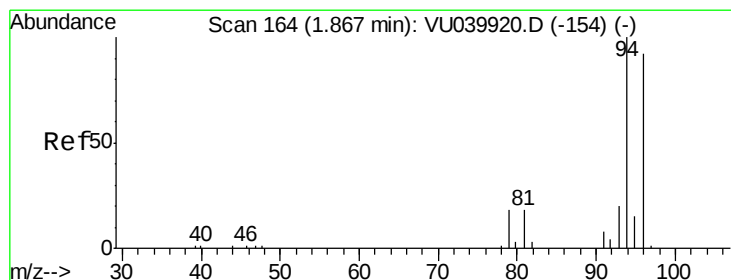
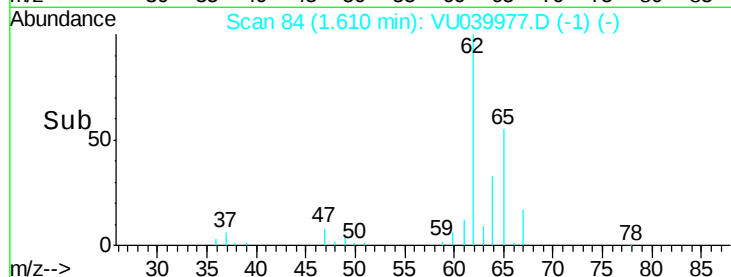
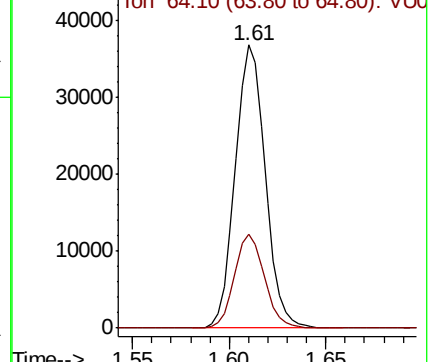
Ion Ratio Lower Upper

62 100

64 33.1 21.6 40.2



Abundance Ion 62.00 (61.70 to 62.70): VU039977.D (-1) (-)



#6

Bromomethane

Concen: 3.655 ug/L

RT: 1.87 min Scan# 164

Delta R.T. -0.00 min

Lab File: VU039977.D

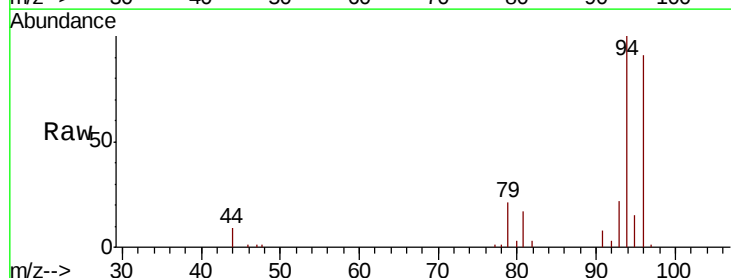
Acq: 26 Aug 2020 10:06

Tgt Ion: 94 Resp: 17823

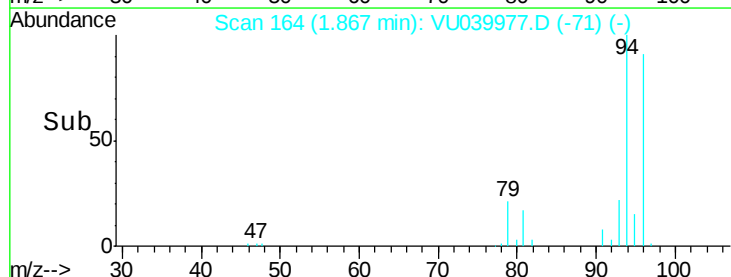
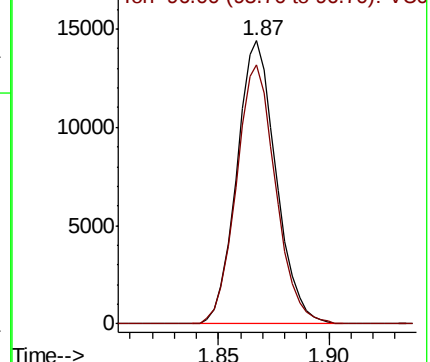
Ion Ratio Lower Upper

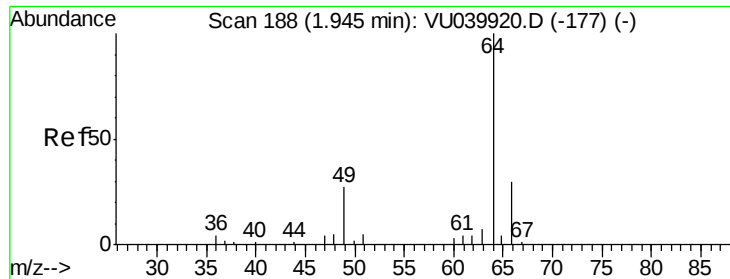
94 100

96 91.5 65.5 121.7



Abundance Ion 94.00 (93.70 to 94.70): VU039977.D (-71) (-)

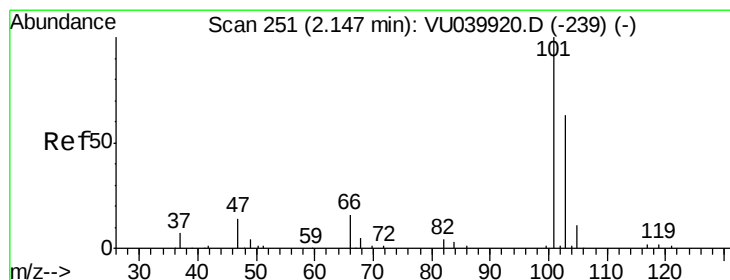
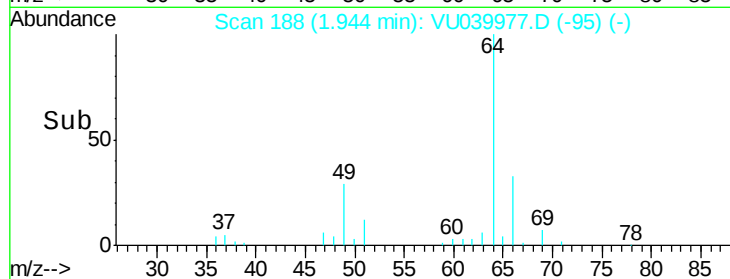
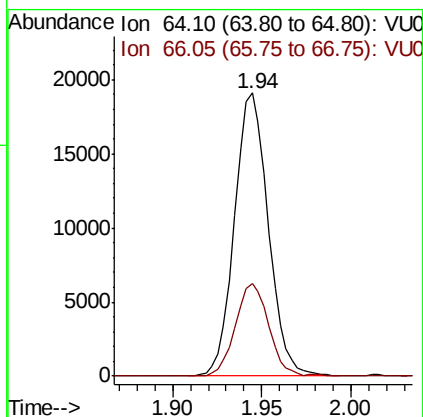
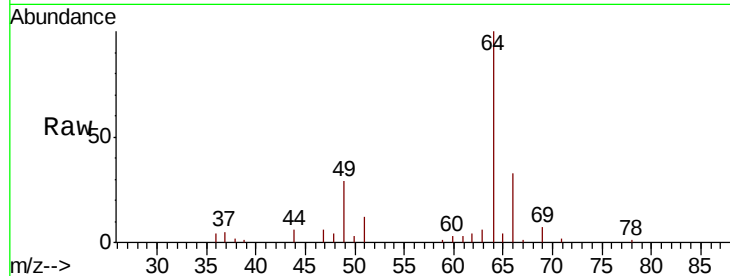




#8
Chloroethane
Concen: 4.606 ug/L
RT: 1.94 min Scan# 188
Delta R.T. -0.00 min
Lab File: VU039977.D
Acq: 26 Aug 2020 10:06

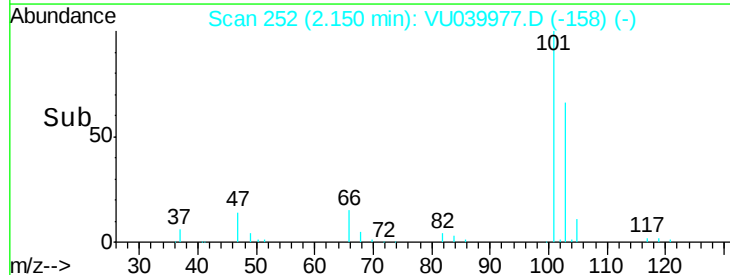
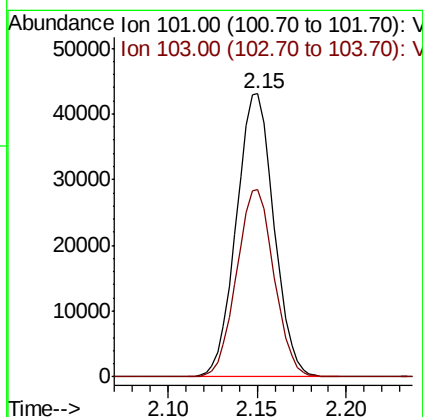
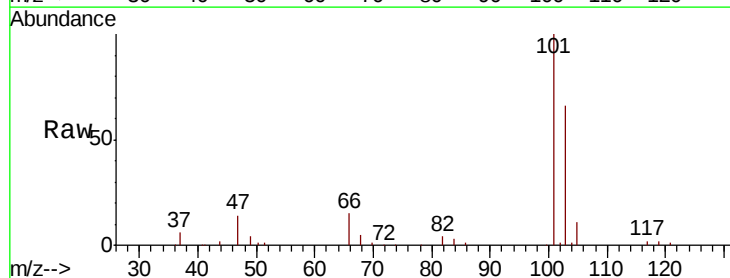
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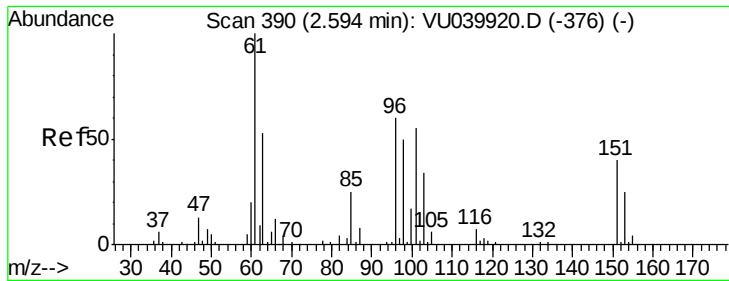
Tot Ion: 64 Resp: 25153
Ion Ratio Lower Upper
64 100
66 32.7 22.6 42.0



#9
Trichlorofluoromethane
Concen: 4.967 ug/L
RT: 2.15 min Scan# 252
Delta R.T. 0.00 min
Lab File: VU039977.D
Acq: 26 Aug 2020 10:06

Tgt Ion:101 Resp: 63452
Ion Ratio Lower Upper
101 100
103 65.9 51.0 76.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.272 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU039977.D

Acq: 26 Aug 2020 10:06

Instrument :

MSVOA_U

ClientSampleId :

BFB22

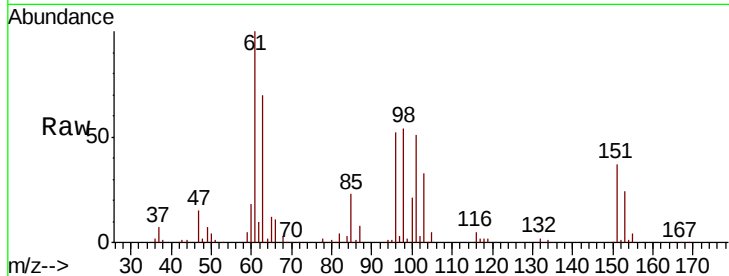
Tot Ion:101 Resp: 37049

Ion Ratio Lower Upper

101 100

85 45.0 34.5 51.7

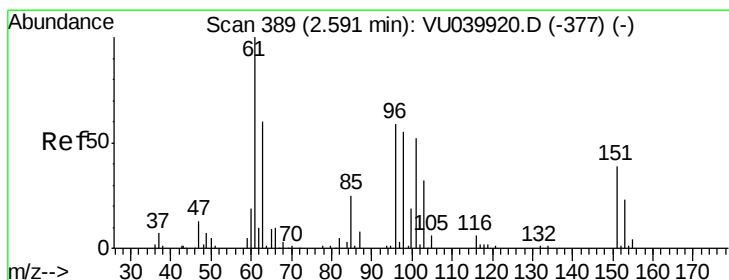
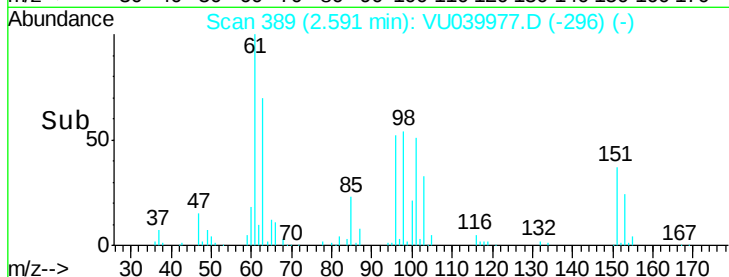
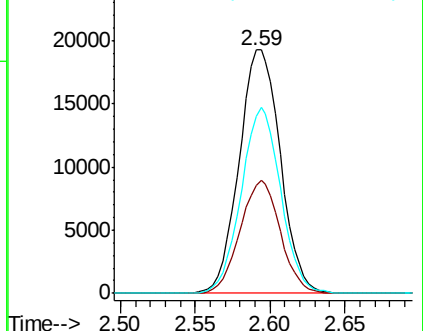
151 73.0 54.4 81.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 4.784 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU039977.D

Acq: 26 Aug 2020 10:06

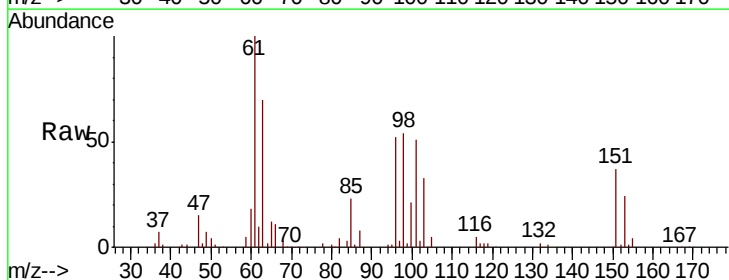
Tgt Ion: 96 Resp: 32120

Ion Ratio Lower Upper

96 100

61 191.2 126.8 235.4

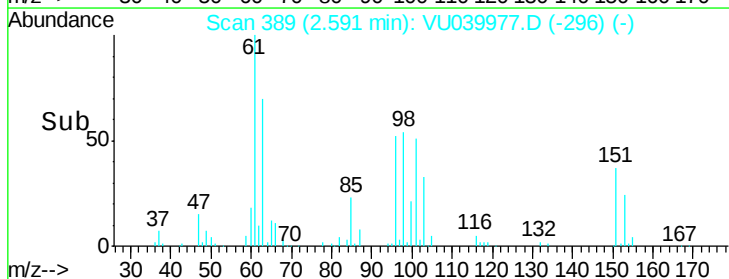
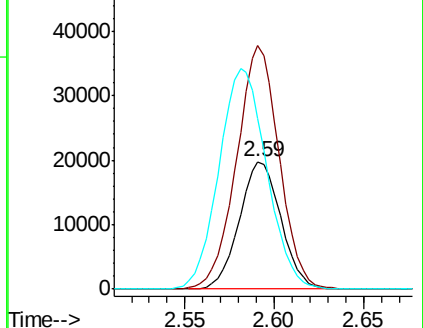
63 134.3 88.6 164.6

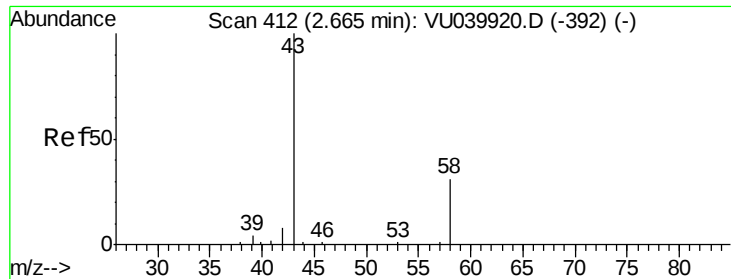


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

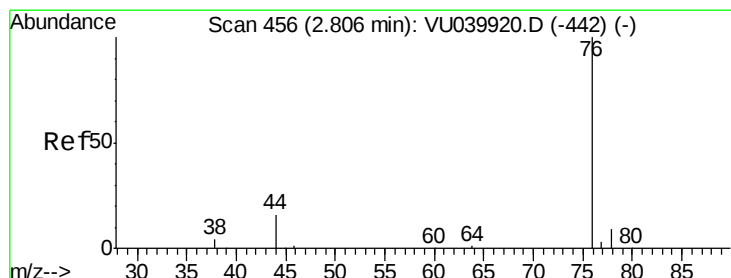
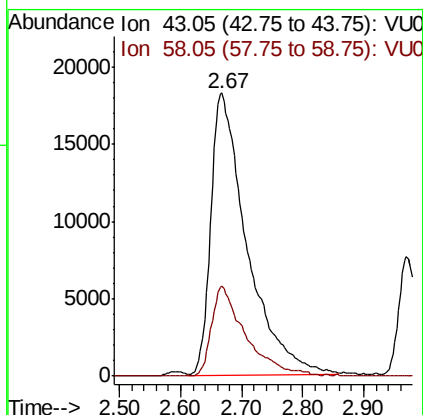
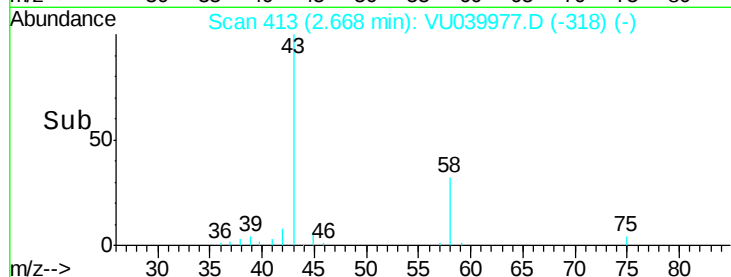
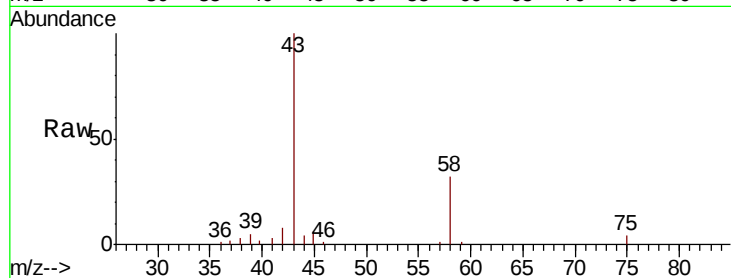




#13
Acetone
Concen: 51.435 ug/L
RT: 2.67 min Scan# 413
Delta R.T. 0.01 min
Lab File: VU039977.D
Acq: 26 Aug 2020 10:06

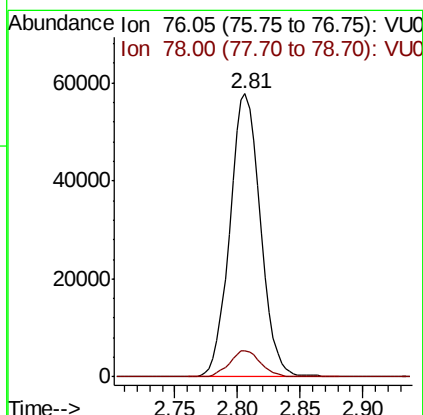
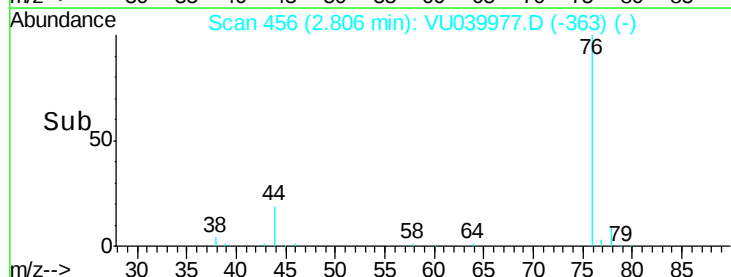
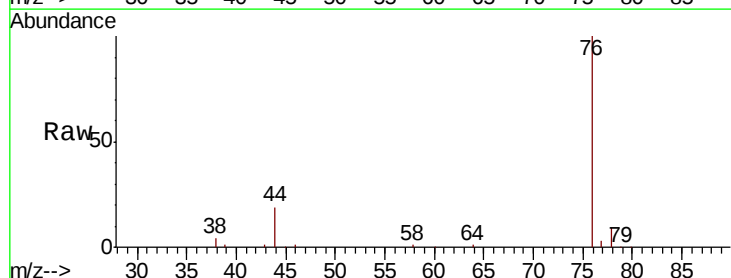
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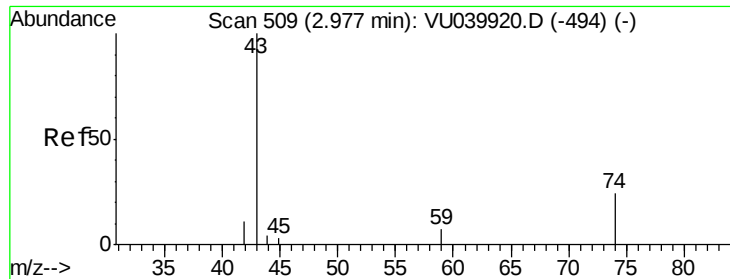
Tot Ion: 43 Resp: 75307
Ion Ratio Lower Upper
43 100
58 29.4 0.0 19.0#



#14
Carbon disulfide
Concen: 4.504 ug/L
RT: 2.81 min Scan# 456
Delta R.T. -0.00 min
Lab File: VU039977.D
Acq: 26 Aug 2020 10:06

Tgt Ion: 76 Resp: 97714
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0

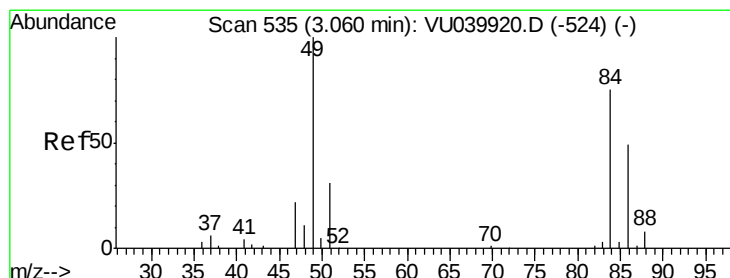
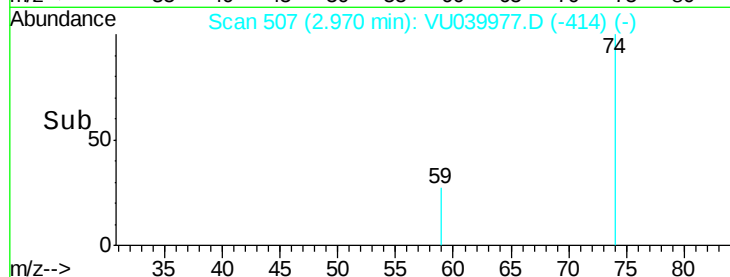
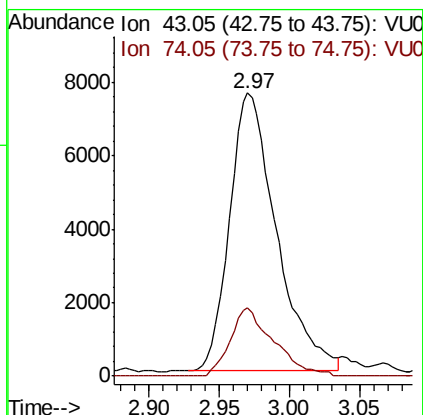
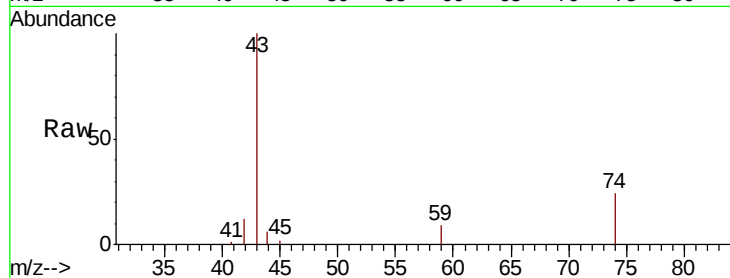




#15
Methvl Acetate
Concen: 4.673 ug/L
RT: 2.97 min Scan# 507
Delta R.T. -0.00 min
Lab File: VU039977.D
Acq: 26 Aug 2020 10:06

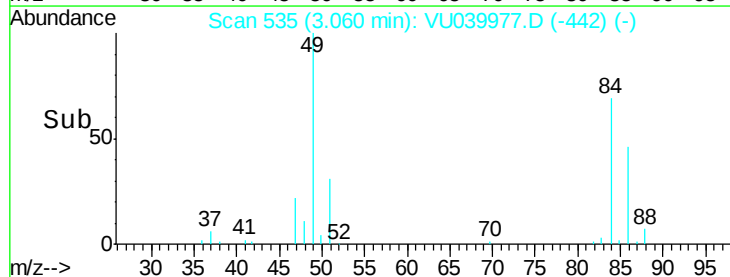
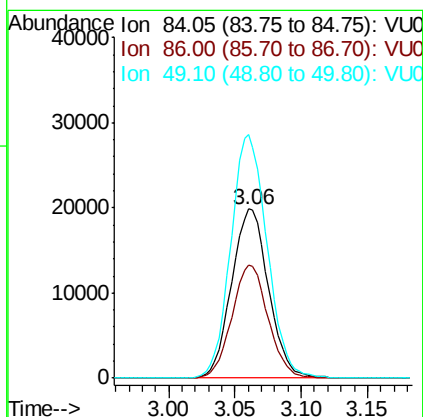
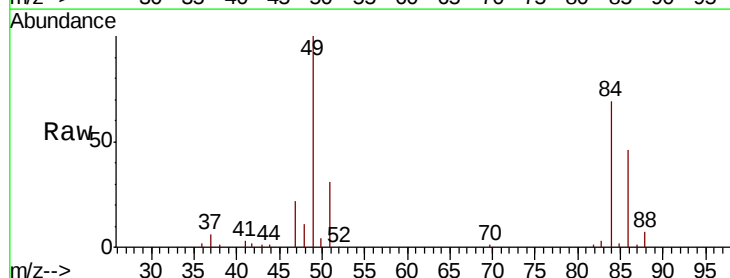
Instrument :
MSVOA_U
ClientSampleId :
BFB22

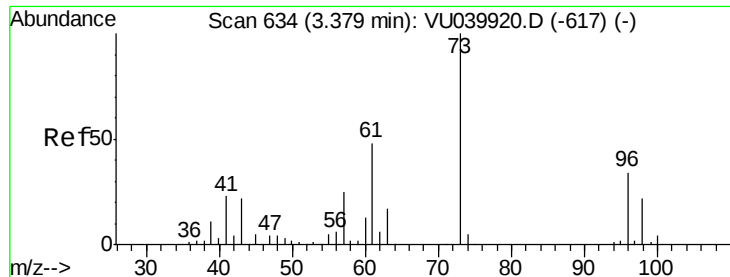
Tot Ion: 43 Resp: 17563
Ion Ratio Lower Upper
43 100
74 22.7 16.3 24.5



#16
Methylene chloride
Concen: 4.176 ug/L
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU039977.D
Acq: 26 Aug 2020 10:06

Tgt Ion: 84 Resp: 38548
Ion Ratio Lower Upper
84 100
86 66.9 47.2 87.6
49 144.0 99.8 185.4

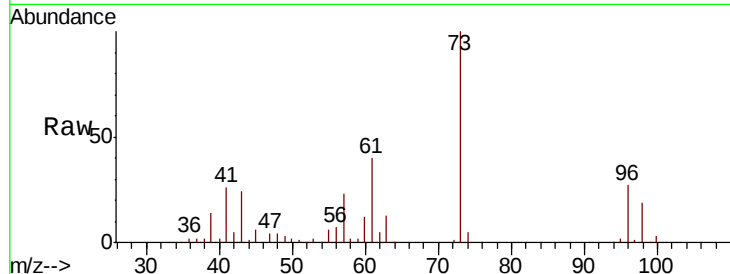




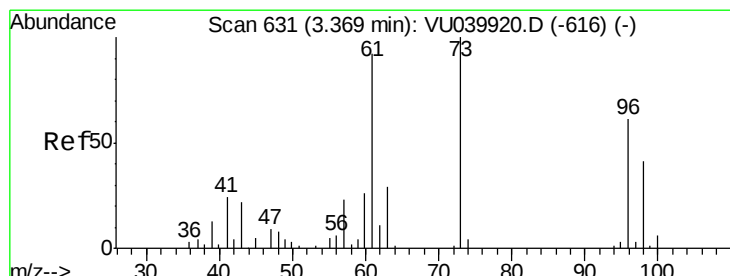
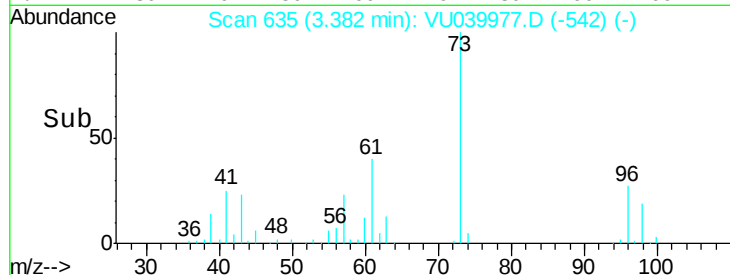
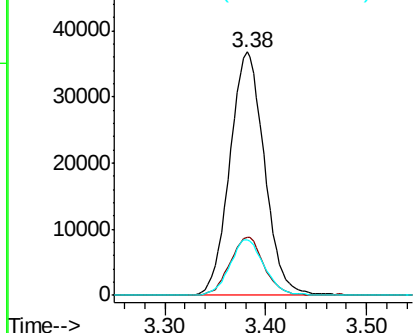
#17
Methvl tert-butvl Ether
Concen: 5.181 ug/L
RT: 3.38 min Scan# 635
Delta R.T. -0.00 min
Lab File: VU039977.D
Acq: 26 Aug 2020 10:06

Instrument :
MSVOA_U
ClientSampleId :
BFB22

Tot Ion: 73 Resp: 87713
Ion Ratio Lower Upper
73 100
43 23.5 16.6 24.8
57 22.5 18.2 27.4

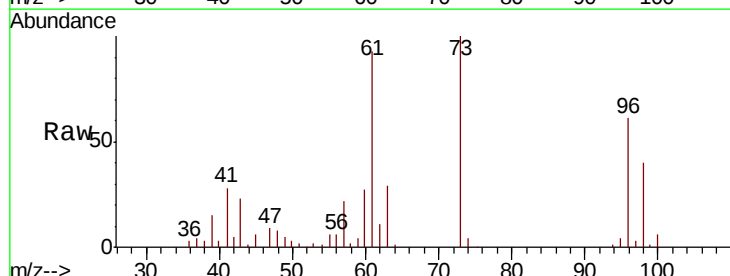


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

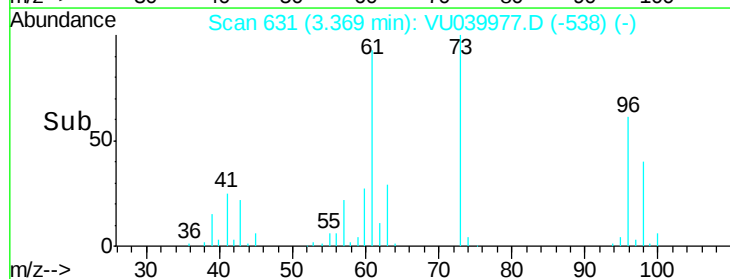
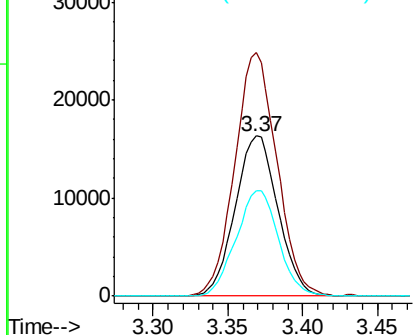


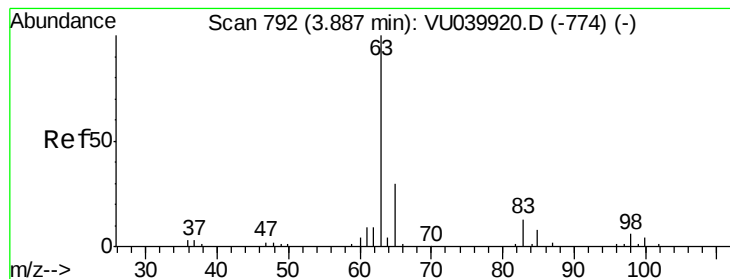
#18
trans-1,2-Dichloroethene
Concen: 4.666 ug/L
RT: 3.37 min Scan# 631
Delta R.T. -0.00 min
Lab File: VU039977.D
Acq: 26 Aug 2020 10:06

Tgt Ion: 96 Resp: 32533
Ion Ratio Lower Upper
96 100
61 151.9 93.7 173.9
98 65.7 40.7 75.5



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0





#19

1,1-Dichloroethane

Concen: 5.215 ug/L

RT: 3.89 min Scan# 792

Delta R.T. -0.00 min

Lab File: VU039977.D

Acq: 26 Aug 2020 10:06

Instrument :

MSVOA_U

ClientSampleId :

BFB22

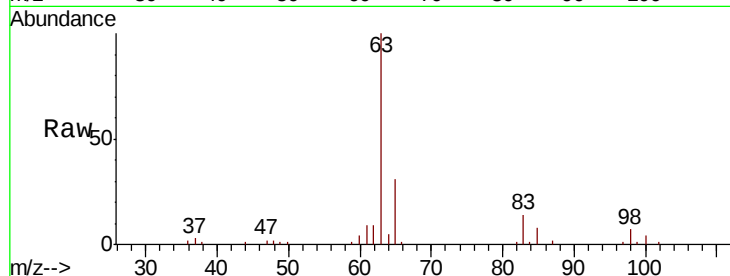
Tot Ion: 63 Resp: 67404

Ion Ratio Lower Upper

63 100

65 31.2 21.6 40.0

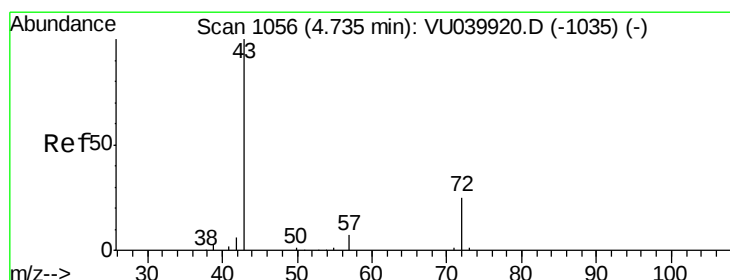
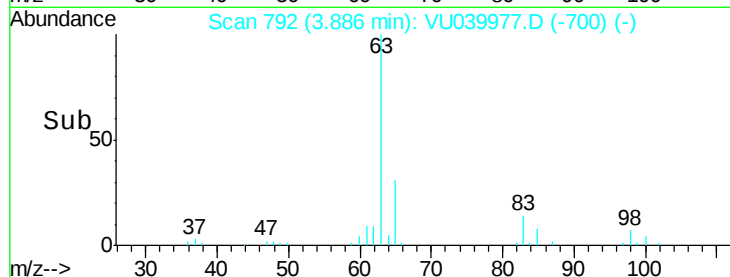
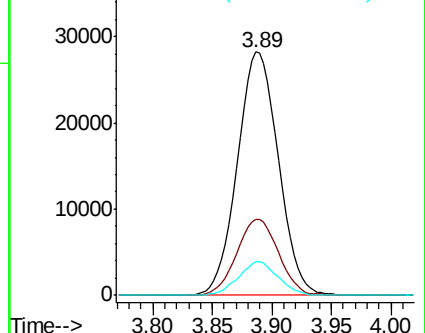
83 13.6 10.3 19.1



Abundance Ion 63.10 (62.80 to 63.80): VU039977.D (-700) (-)

Ion 65.10 (64.80 to 65.80): VU039977.D (-700) (-)

Ion 83.05 (82.75 to 83.75): VU039977.D (-700) (-)



#21

2-Butanone

Concen: 48.730 ug/L

RT: 4.74 min Scan# 1056

Delta R.T. -0.00 min

Lab File: VU039977.D

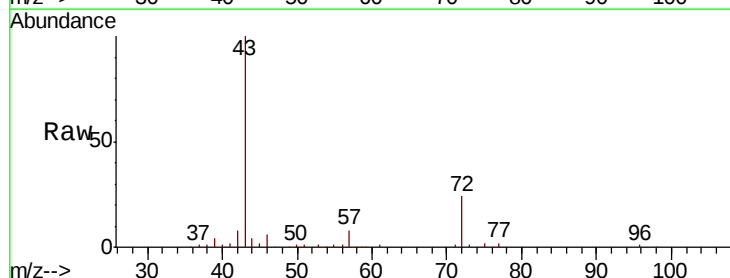
Acq: 26 Aug 2020 10:06

Tgt Ion: 43 Resp: 123967

Ion Ratio Lower Upper

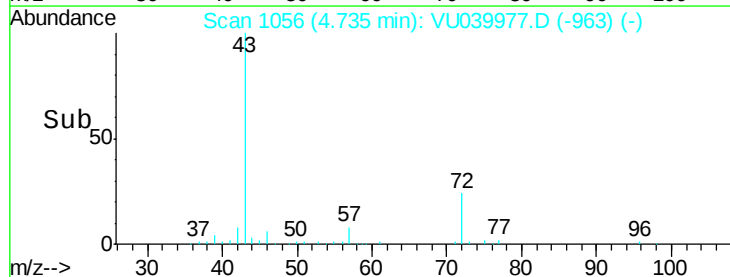
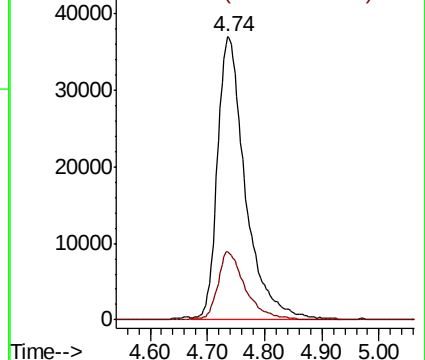
43 100

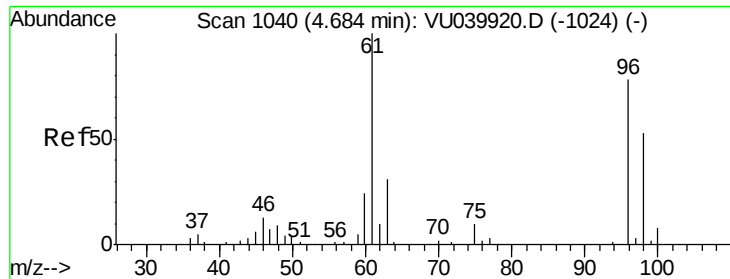
72 24.3 12.7 38.0



Abundance Ion 43.05 (42.75 to 43.75): VU039977.D (-963) (-)

Ion 72.10 (71.80 to 72.80): VU039977.D (-963) (-)





#22

cis-1,2-Dichloroethene

Concen: 4.982 ug/L

RT: 4.68 min Scan# 1040

Delta R.T. -0.00 min

Lab File: VU039977.D

Acq: 26 Aug 2020 10:06

Instrument :

MSVOA_U

ClientSampleId :

BFB22

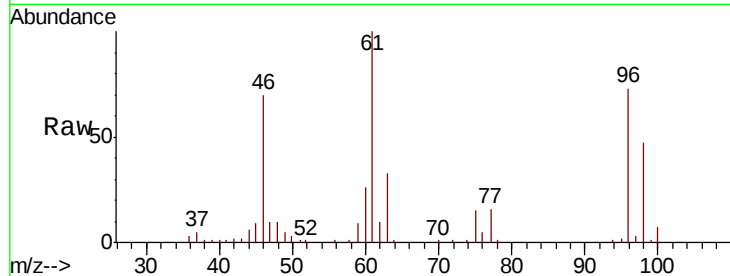
Tot Ion: 96 Resp: 36368

Ion Ratio Lower Upper

96 100

61 137.6 90.9 168.9

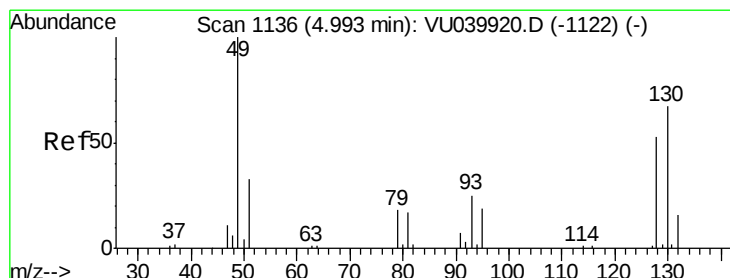
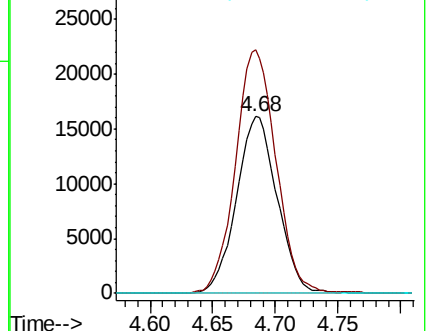
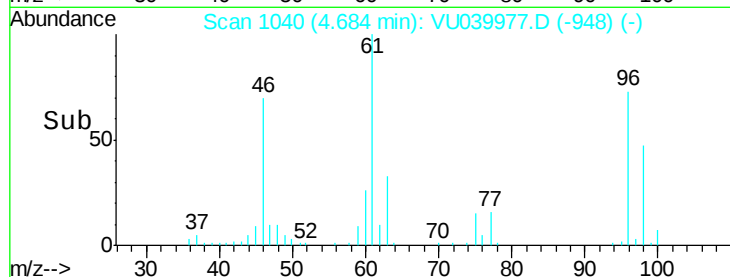
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU039977.D (-948) (-)

Ion 61.05 (60.75 to 61.75): VU039977.D (-948) (-)

Ion 68.15 (67.85 to 68.85): VU039977.D (-948) (-)



#23

Bromochloromethane

Concen: 4.898 ug/L

RT: 5.00 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VU039977.D

Acq: 26 Aug 2020 10:06

Tgt Ion: 128 Resp: 16816

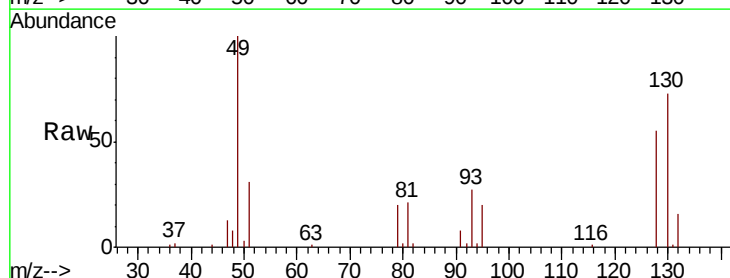
Ion Ratio Lower Upper

128 100

49 181.0 121.2 225.2

130 132.1 90.2 167.6

51 56.7 47.2 70.8

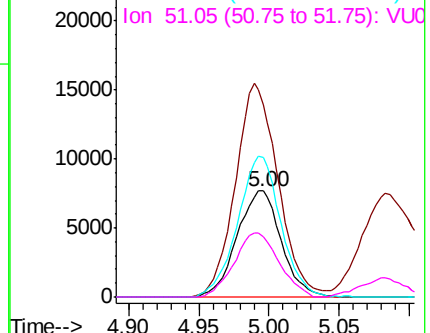
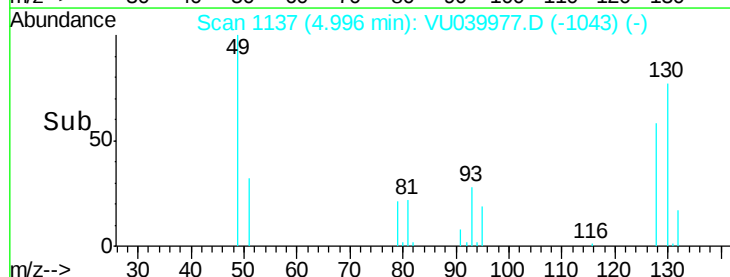


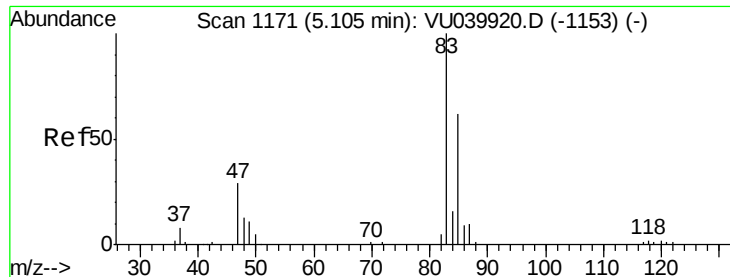
Abundance Ion 127.90 (127.60 to 128.60): VU039977.D (-1043) (-)

Ion 49.10 (48.80 to 49.80): VU039977.D (-1043) (-)

Ion 129.95 (129.65 to 130.65): VU039977.D (-1043) (-)

Ion 51.05 (50.75 to 51.75): VU039977.D (-1043) (-)

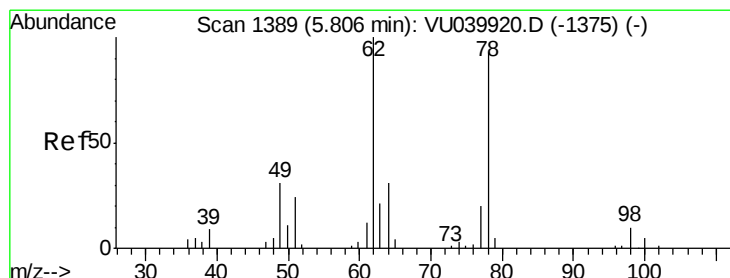
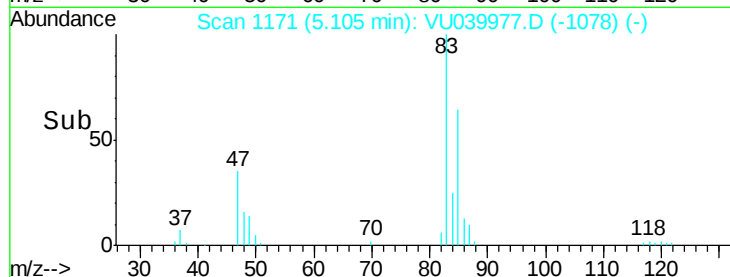
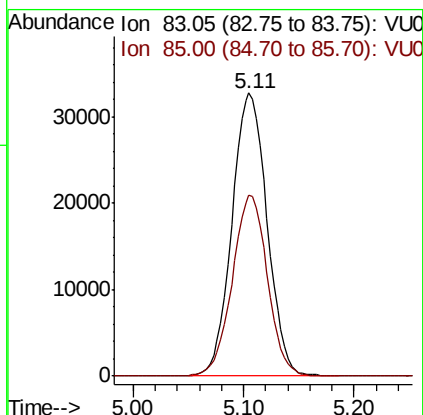
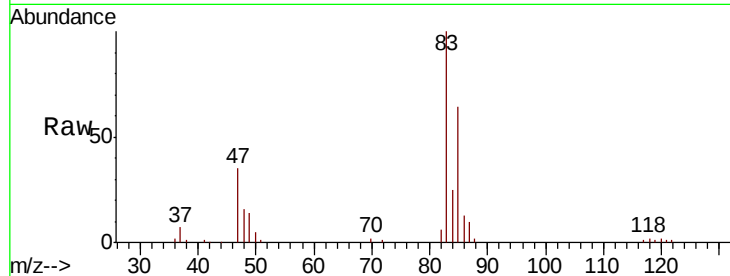




#25
Chloroform
Concen: 5.505 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU039977.D
Acq: 26 Aug 2020 10:06

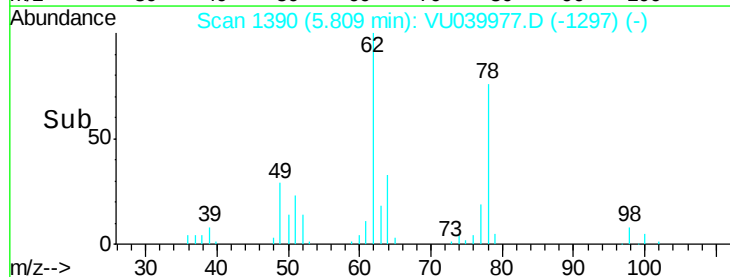
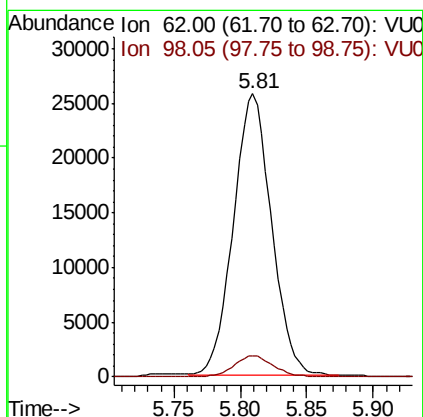
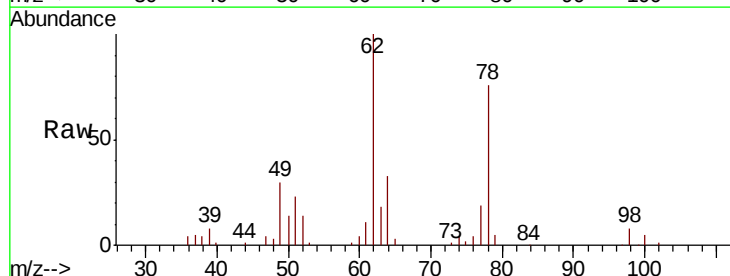
Instrument :
MSVOA_U
ClientSampleId :
BFB22

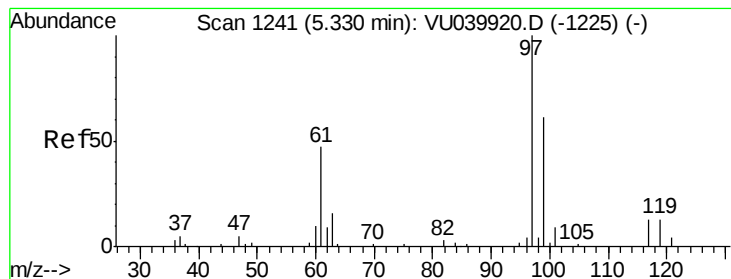
Tot Ion: 83 Resp: 72119
Ion Ratio Lower Upper
83 100
85 63.8 46.4 86.2



#27
1,2-Dichloroethane
Concen: 5.592 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VU039977.D
Acq: 26 Aug 2020 10:06

Tgt Ion: 62 Resp: 51411
Ion Ratio Lower Upper
62 100
98 7.6 7.4 11.2





#29

1,1,1-Trichloroethane

Concen: 5.702 ug/L

RT: 5.33 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VU039977.D

Acq: 26 Aug 2020 10:06

Instrument :

MSVOA_U

ClientSampleId :

BFB22

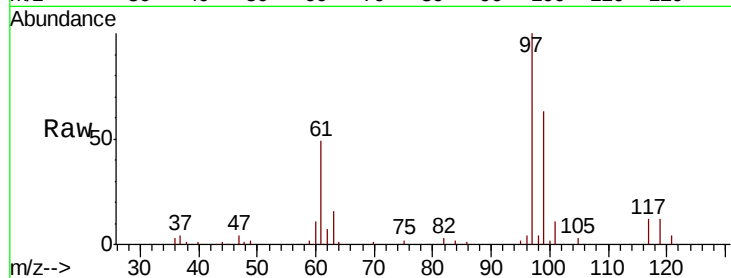
Tot Ion: 97 Resp: 61003

Ion Ratio Lower Upper

97 100

99 64.2 51.4 77.2

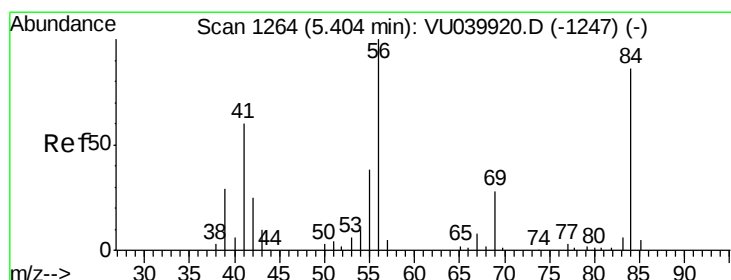
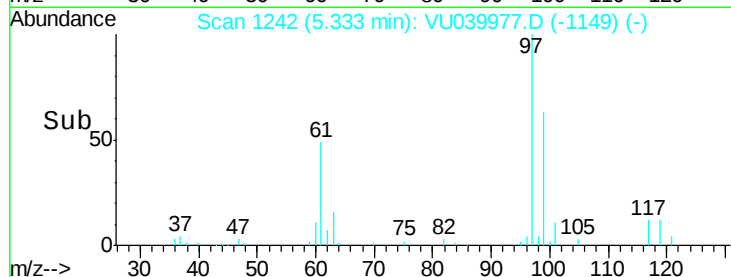
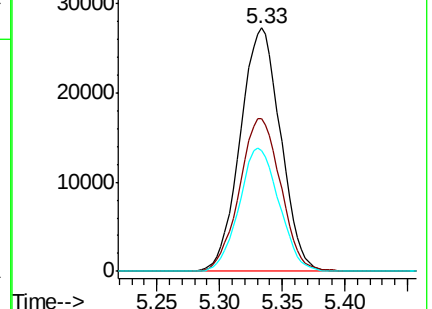
61 50.0 39.1 58.7



Abundance Ion 96.95 (96.65 to 97.65): VU039977.D (-1149) (-)

Ion 99.05 (98.75 to 99.75): VU039977.D (-1149) (-)

Ion 61.05 (60.75 to 61.75): VU039977.D (-1149) (-)



#30

Cyclohexane

Concen: 5.277 ug/L

RT: 5.40 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VU039977.D

Acq: 26 Aug 2020 10:06

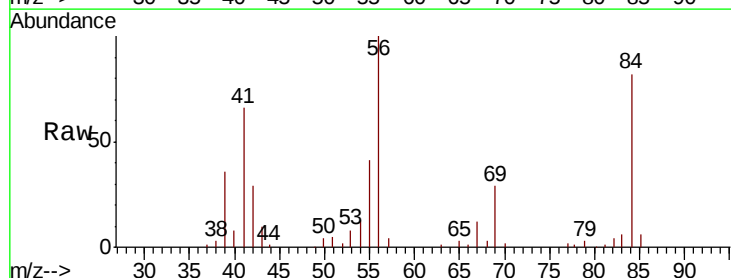
Tgt Ion: 56 Resp: 55895

Ion Ratio Lower Upper

56 100

69 29.0 23.1 34.7

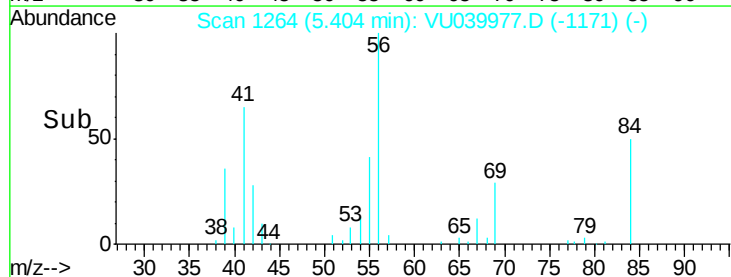
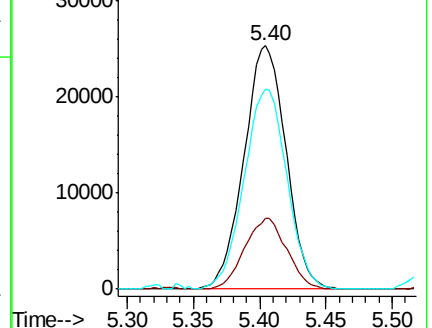
84 83.8 69.0 103.6

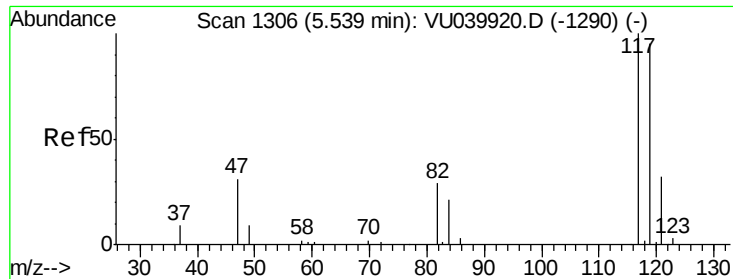


Abundance Ion 56.10 (55.80 to 56.80): VU039977.D (-1171) (-)

Ion 69.15 (68.85 to 69.85): VU039977.D (-1171) (-)

Ion 84.15 (83.85 to 84.85): VU039977.D (-1171) (-)





#31

Carbon tetrachloride

Concen: 5.681 ug/L

RT: 5.54 min Scan# 1306

Delta R.T. -0.00 min

Lab File: VU039977.D

Acq: 26 Aug 2020 10:06

Instrument :

MSVOA_U

ClientSampled :

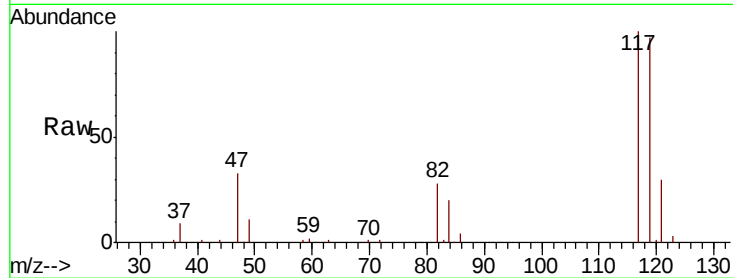
BFB22

Tot Ion:117 Resp: 53663

Ion Ratio Lower Upper

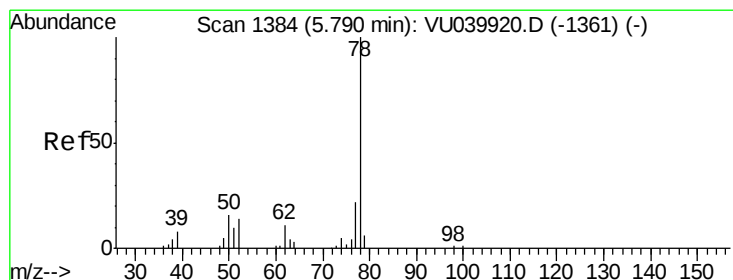
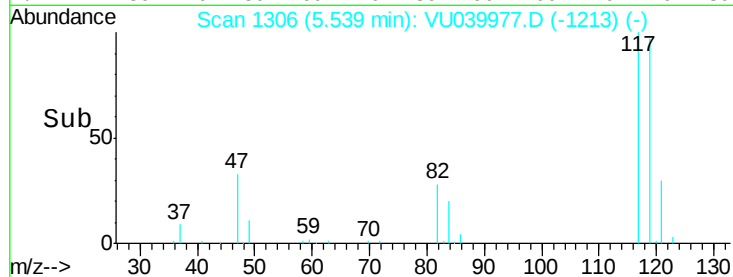
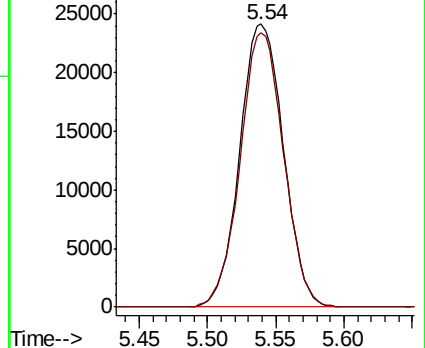
117 100

119 96.3 77.6 116.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 5.272 ug/L

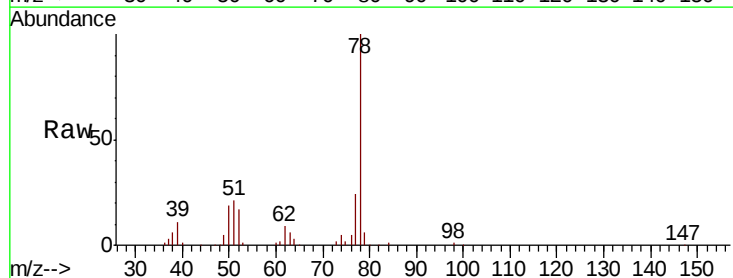
RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VU039977.D

Acq: 26 Aug 2020 10:06

Tgt Ion: 78 Resp: 139359



Abundance Ion 78.10 (77.80 to 78.80): VU0

80000

60000

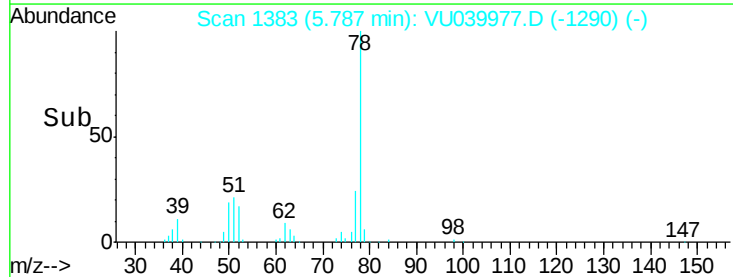
40000

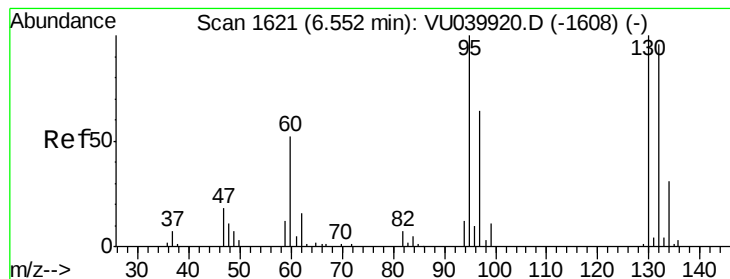
20000

0

5.79

Time-->





#34

Trichloroethene

Concen: 5.276 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VU039977.D

Acq: 26 Aug 2020 10:06

Instrument :

MSVOA_U

ClientSampleId :

BFB22

Tot Ion: 95 Resp: 36191

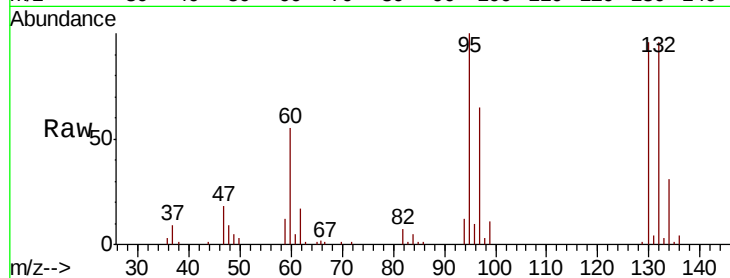
Ion Ratio Lower Upper

95 100

97 64.6 42.0 78.0

132 95.6 65.0 120.8

130 95.5 65.5 121.7



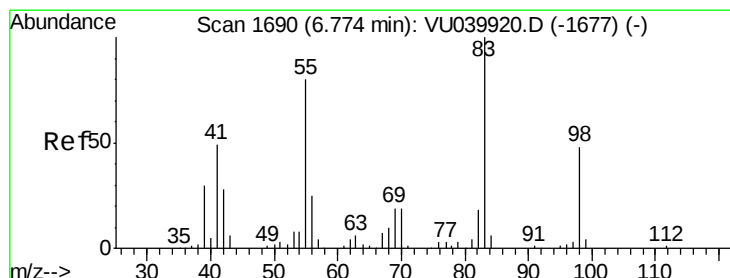
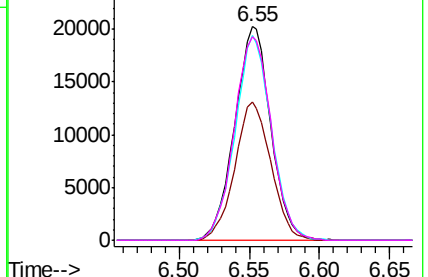
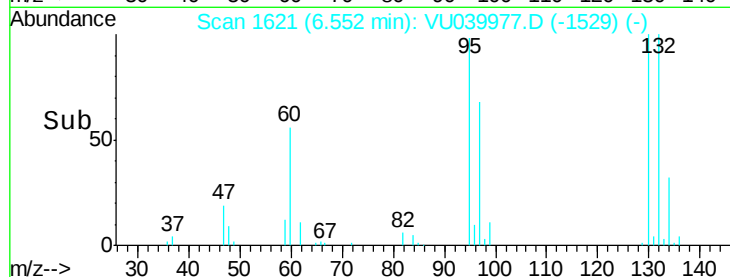
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

Time-->



#35

Methylcyclohexane

Concen: 5.299 ug/L

RT: 6.77 min Scan# 1690

Delta R.T. -0.00 min

Lab File: VU039977.D

Acq: 26 Aug 2020 10:06

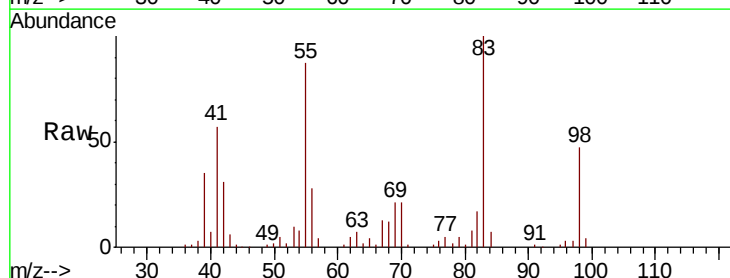
Tgt Ion: 83 Resp: 55685

Ion Ratio Lower Upper

83 100

55 84.3 64.1 96.1

98 48.3 39.4 59.0

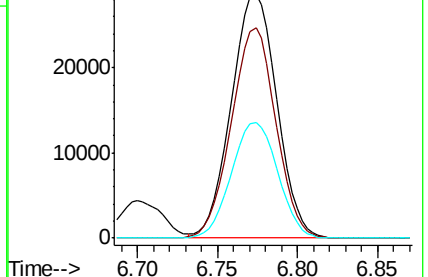
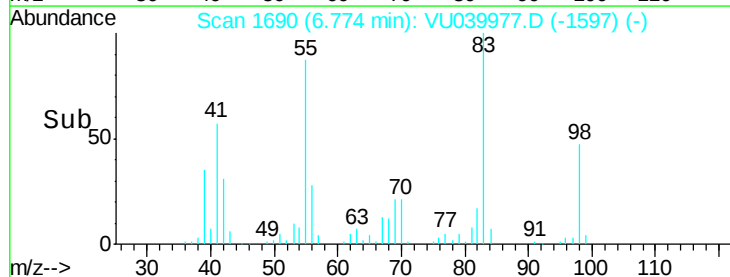


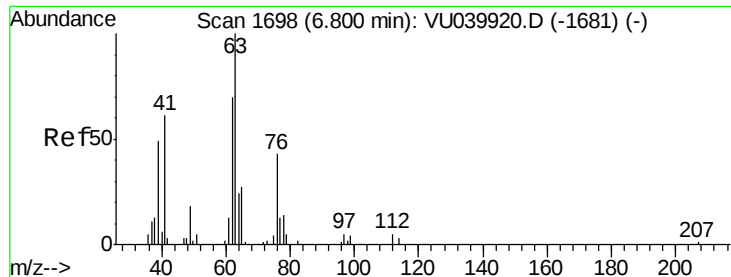
Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

Time-->





#37

1,2-Dichloropropane

Concen: 5.438 ug/L

RT: 6.80 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VU039977.D

Acq: 26 Aug 2020 10:06

Instrument :

MSVOA_U

ClientSampleId :

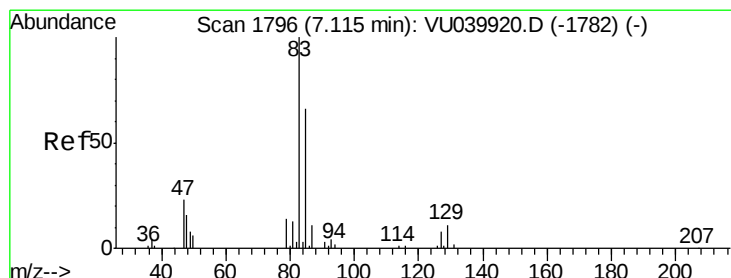
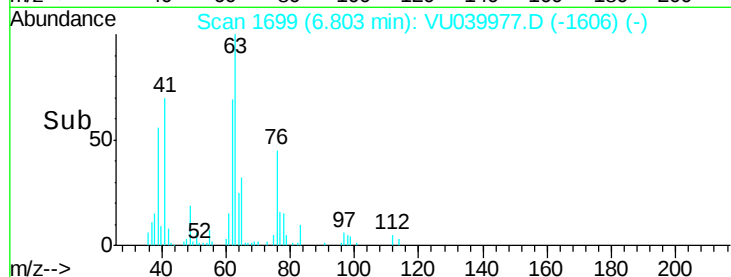
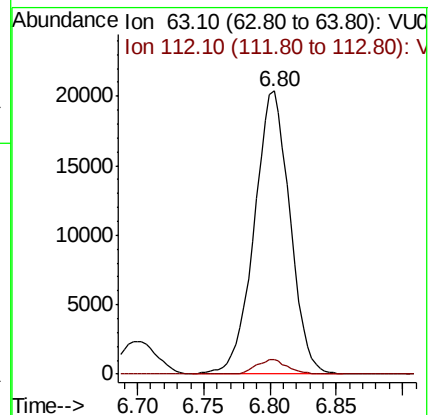
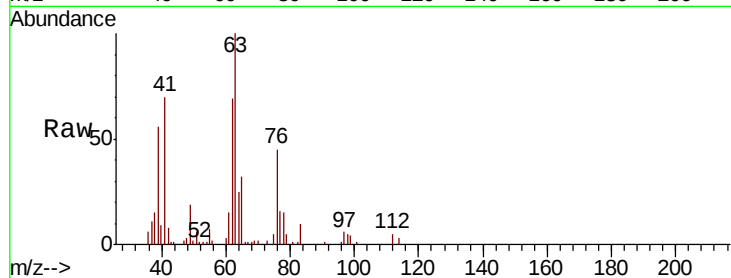
BFB22

Tot Ion: 63 Resp: 38198

Ion Ratio Lower Upper

63 100

112 4.4 4.1 6.1



#38

Bromodichloromethane

Concen: 5.686 ug/L

RT: 7.11 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VU039977.D

Acq: 26 Aug 2020 10:06

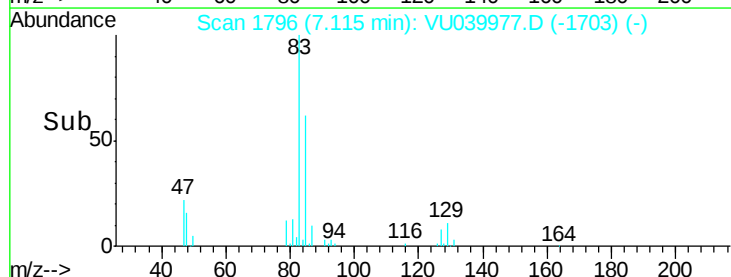
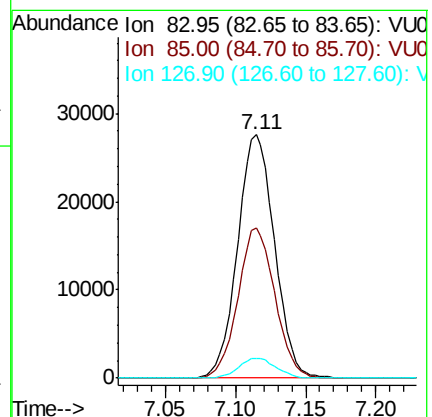
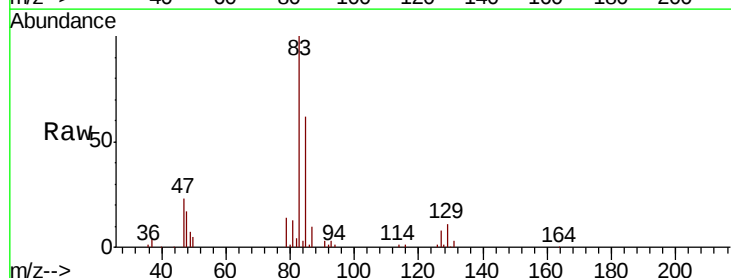
Tgt Ion: 83 Resp: 50758

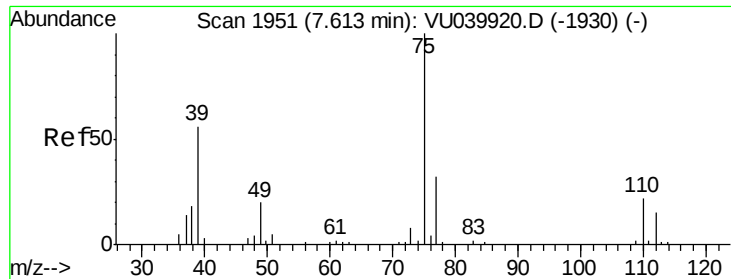
Ion Ratio Lower Upper

83 100

85 61.6 44.3 82.3

127 8.2 6.7 10.1

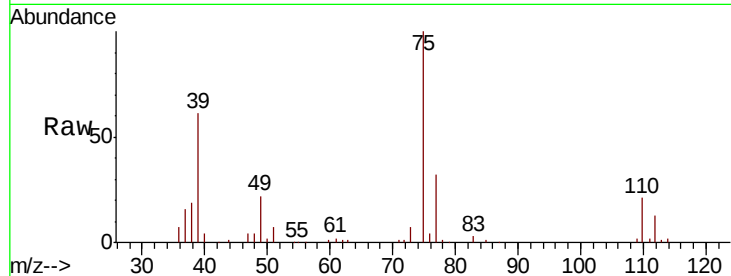




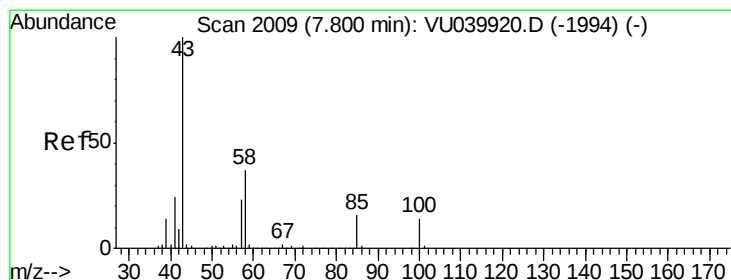
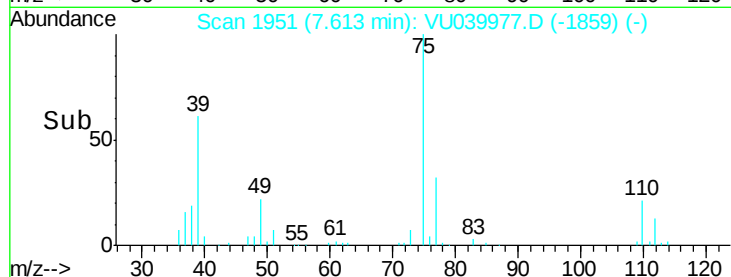
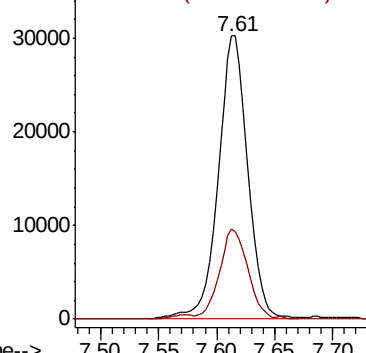
#39
 cis-1,3-Dichloropropene
 Concen: 5.463 ug/L
 RT: 7.61 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VU039977.D
 Acq: 26 Aug 2020 10:06

Instrument :
 MSVOA_U
 ClientSampleId :
 BFB22

Tot Ion: 75 Resp: 53629
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.6 42.0

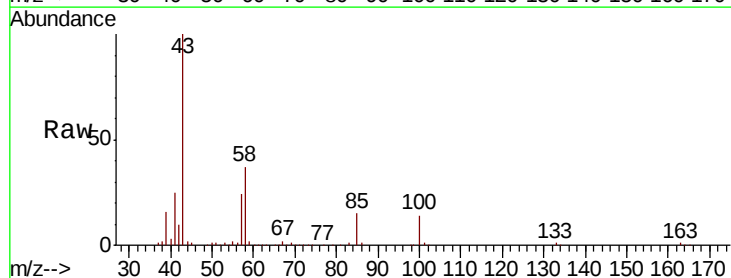


Abundance Ion 75.05 (74.75 to 75.75): VU0
 Ion 77.05 (76.75 to 77.75): VU0

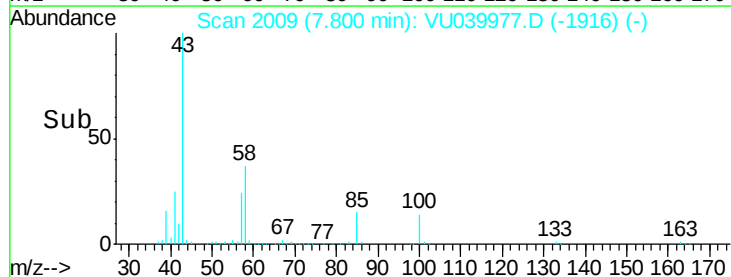
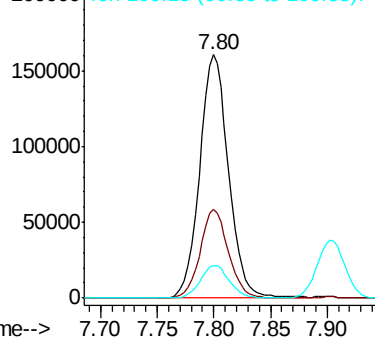


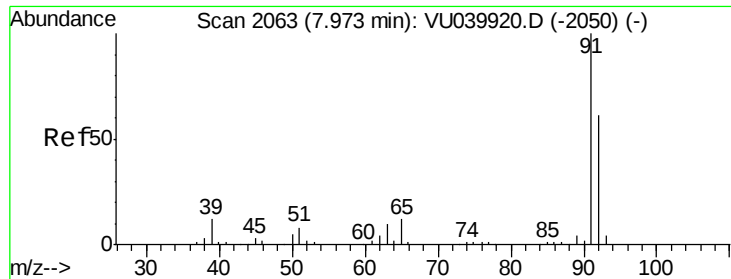
#40
 4-Methyl-2-pentanone
 Concen: 51.175 ug/L
 RT: 7.80 min Scan# 2009
 Delta R.T. -0.00 min
 Lab File: VU039977.D
 Acq: 26 Aug 2020 10:06

Tgt Ion: 43 Resp: 284688
 Ion Ratio Lower Upper
 43 100
 58 35.7 29.7 44.5
 100 13.6 11.2 16.8



Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 58.05 (57.75 to 58.75): VU0
 Ion 100.15 (99.85 to 100.85): VU0





#42

Toluene

Concen: 5.278 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU039977.D

Acq: 26 Aug 2020 10:06

Instrument :

MSVOA_U

ClientSampleId :

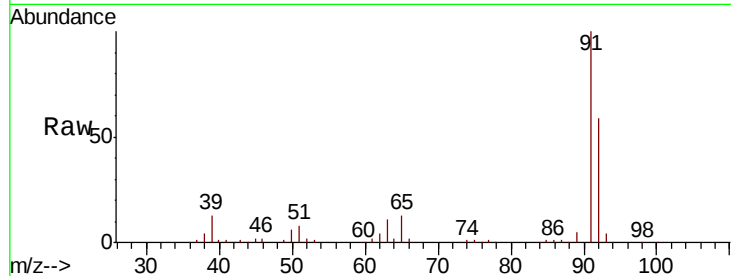
BFB22

Tot Ion: 91 Resp: 142689

Ion Ratio Lower Upper

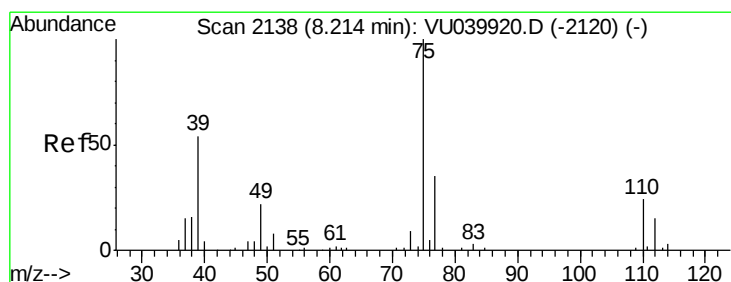
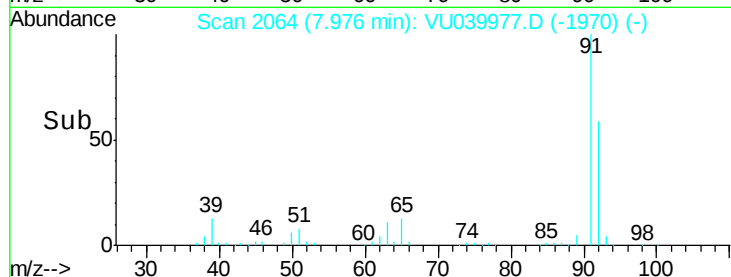
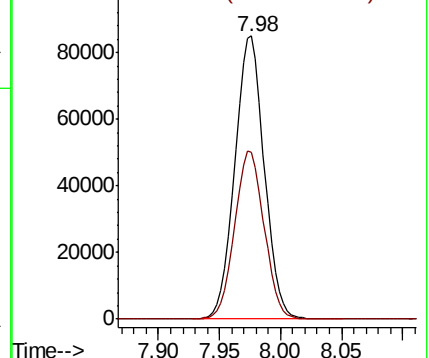
91 100

92 59.1 42.3 78.5



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0



#44

trans-1,3-Dichloropropene

Concen: 5.395 ug/L

RT: 8.21 min Scan# 2138

Delta R.T. -0.00 min

Lab File: VU039977.D

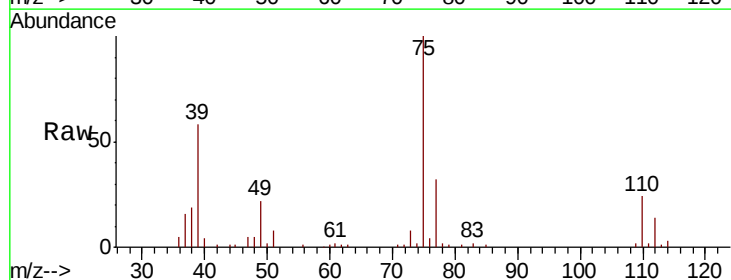
Acq: 26 Aug 2020 10:06

Tgt Ion: 75 Resp: 49769

Ion Ratio Lower Upper

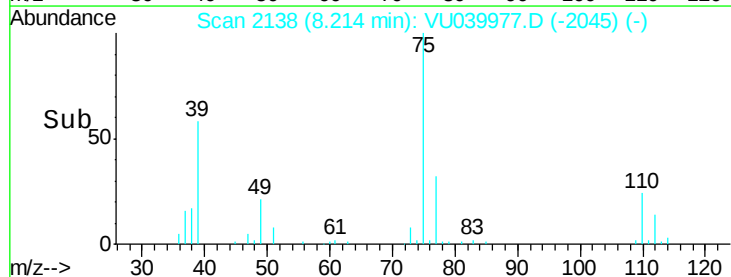
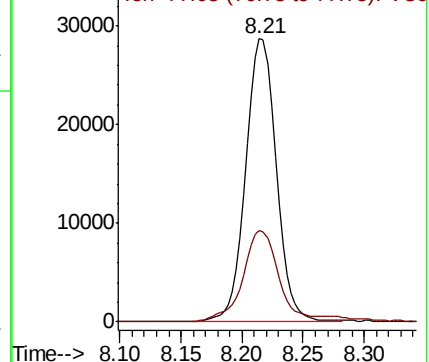
75 100

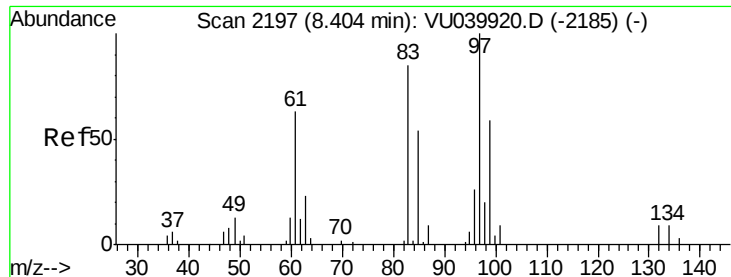
77 32.4 25.3 46.9



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

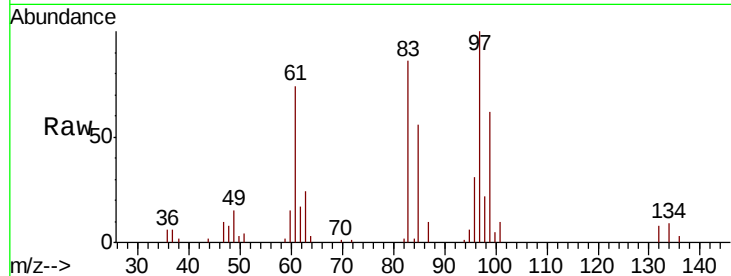




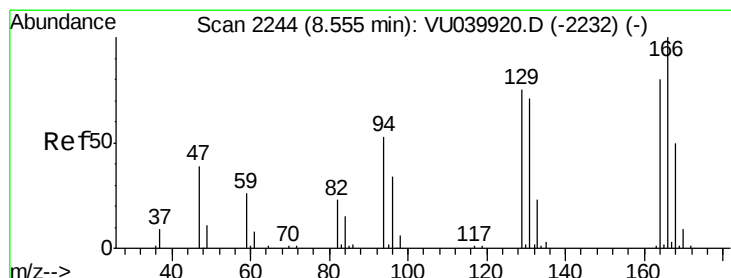
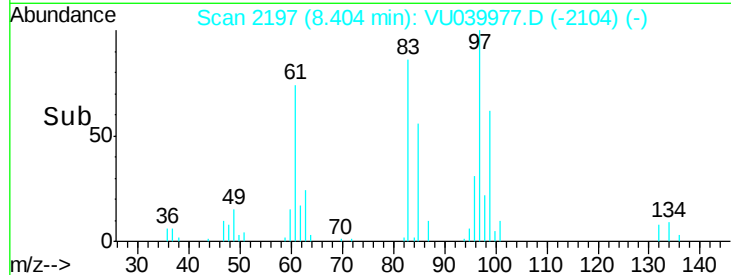
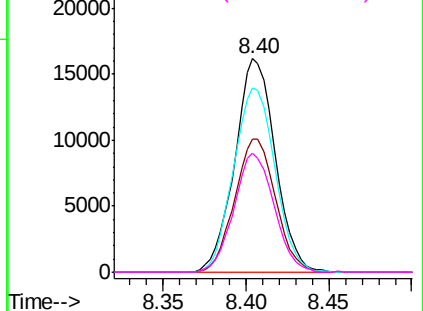
#45
 1,1,2-Trichloroethane
 Concen: 5.147 ug/L
 RT: 8.40 min Scan# 2197
 Delta R.T. -0.00 min
 Lab File: VU039977.D
 Acq: 26 Aug 2020 10:06

Instrument :
 MSVOA_U
 ClientSampled :
 BFB22

Tot Ion:	97	Resp:	27472
Ion	Ratio	Lower	Upper
97	100		
99	62.1	42.1	78.3
83	86.3	59.3	110.1
85	55.6	37.2	69.2

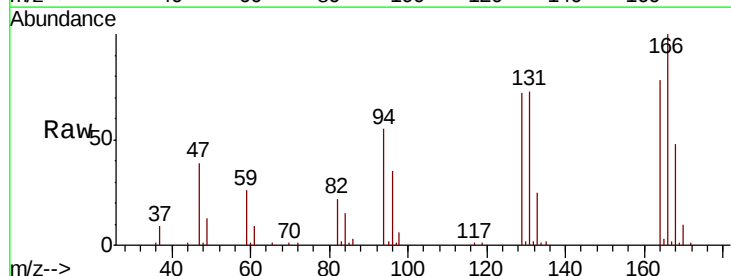


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 82.95 (82.65 to 83.65): VU0
 Ion 85.00 (84.70 to 85.70): VU0

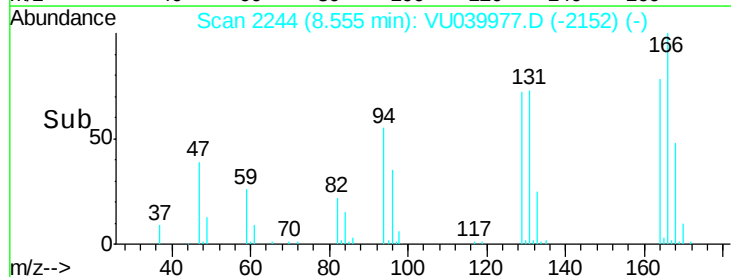
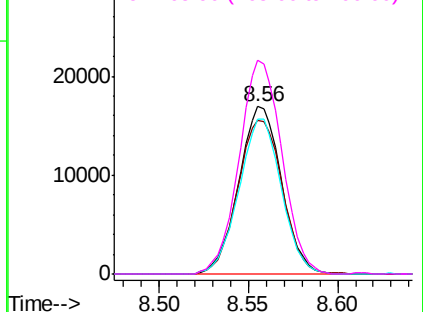


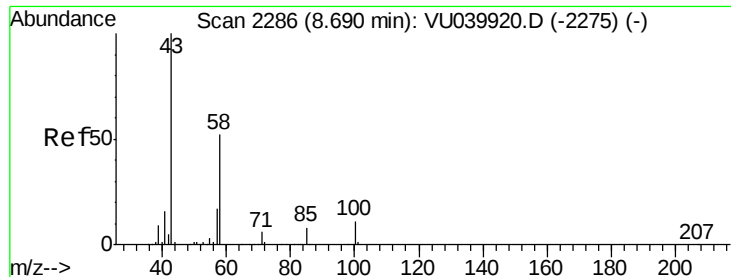
#47
 Tetrachloroethene
 Concen: 5.584 ug/L
 RT: 8.56 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: VU039977.D
 Acq: 26 Aug 2020 10:06

Tgt Ion:	164	Resp:	28258
Ion	Ratio	Lower	Upper
164	100		
129	92.1	69.1	128.3
131	92.6	66.0	122.6
166	127.7	94.0	174.6



Abundance Ion 163.90 (163.60 to 164.60): V
 Ion 128.95 (128.65 to 129.65): V
 Ion 130.95 (130.65 to 131.65): V
 Ion 165.90 (165.60 to 166.60): V

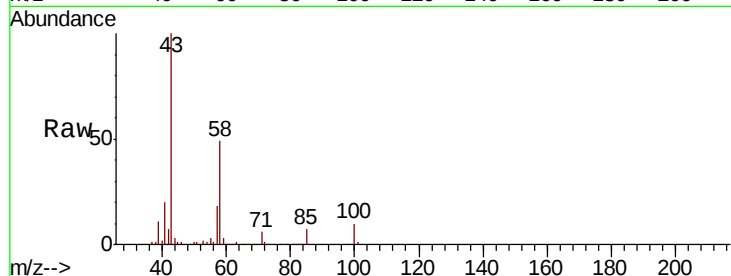




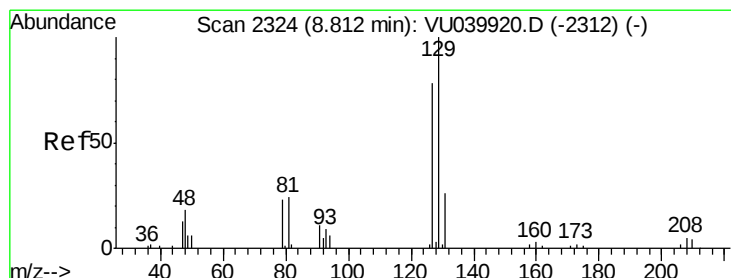
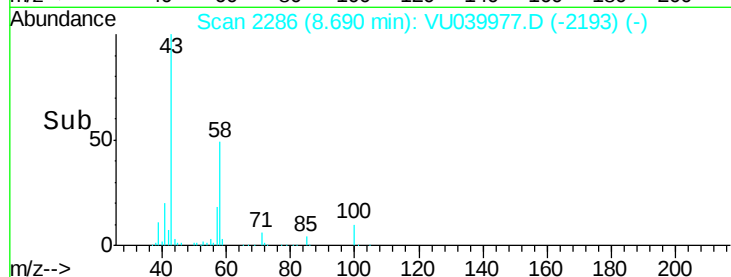
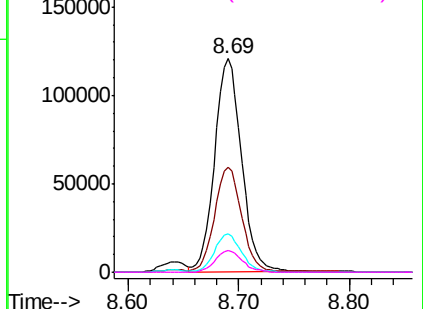
#48
2-Hexanone
Concen: 51.240 ug/L
RT: 8.69 min Scan# 2286
Delta R.T. -0.00 min
Lab File: VU039977.D
Acq: 26 Aug 2020 10:06

Instrument :
MSVOA_U
ClientSampled :
BFB22

Tot Ion:	43	Resp:	204270
Ion	Ratio	Lower	Upper
43	100		
58	49.5	41.3	61.9
57	17.7	14.1	21.1
100	10.4	9.1	13.7

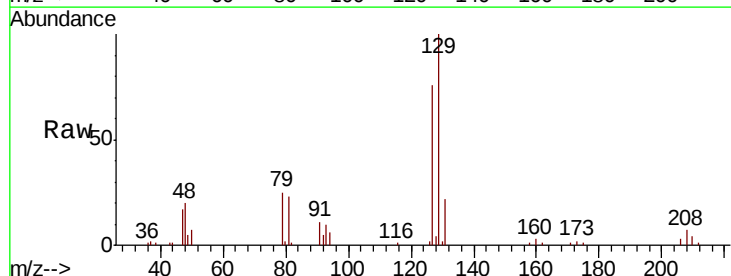


Abundance Ion 43.05 (42.75 to 43.75): VU039977.D (-2193) (-)
Ion 58.05 (57.75 to 58.75): VU039977.D (-2193) (-)
Ion 57.20 (56.90 to 57.90): VU039977.D (-2193) (-)
Ion 100.15 (99.85 to 100.85): VU039977.D (-2193) (-)

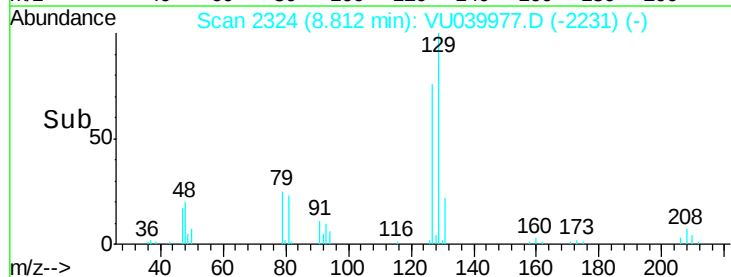
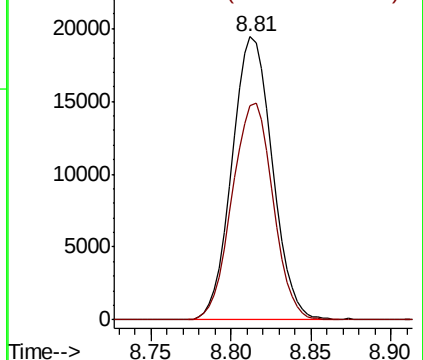


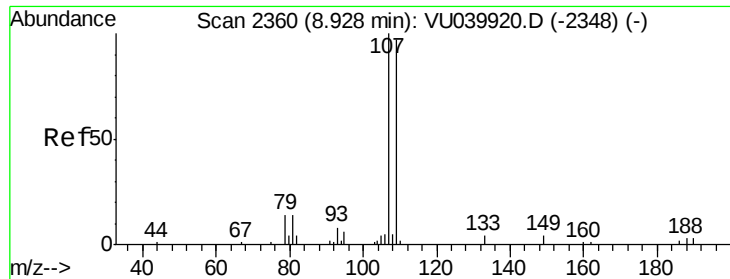
#49
Dibromochloromethane
Concen: 5.234 ug/L
RT: 8.81 min Scan# 2324
Delta R.T. -0.00 min
Lab File: VU039977.D
Acq: 26 Aug 2020 10:06

Tgt Ion:	129	Resp:	33353
Ion	Ratio	Lower	Upper
129	100		
127	75.6	53.1	98.7



Abundance Ion 128.95 (128.65 to 129.65): VU039977.D (-2231) (-)
Ion 126.90 (126.60 to 127.60): VU039977.D (-2231) (-)

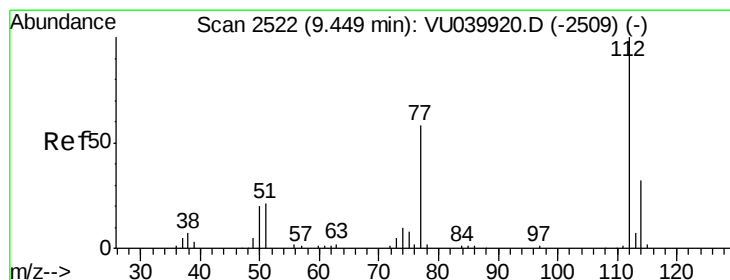
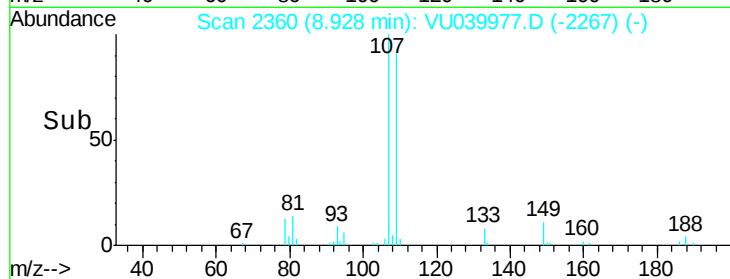
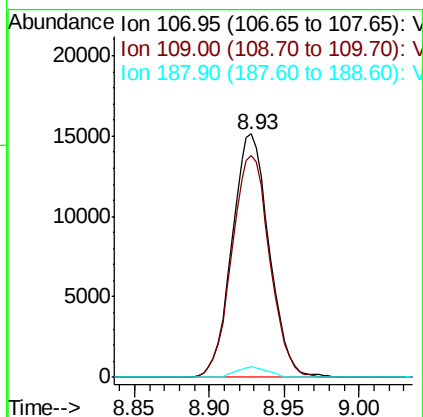
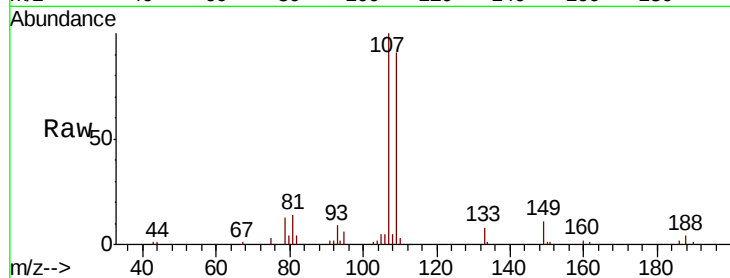




#50
 1,2-Dibromoethane
 Concen: 5.140 ug/L
 RT: 8.93 min Scan# 2360
 Delta R.T. -0.00 min
 Lab File: VU039977.D
 Acq: 26 Aug 2020 10:06

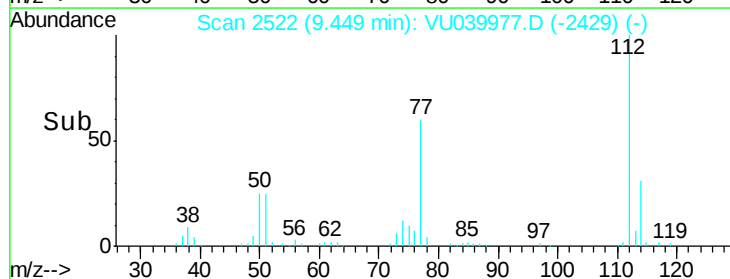
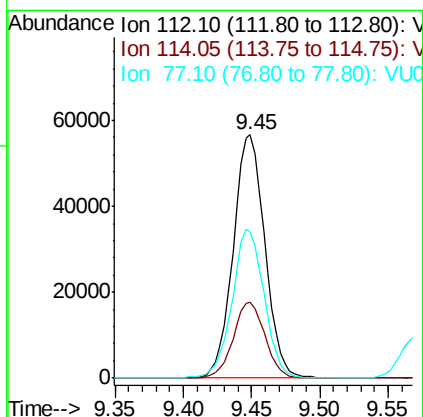
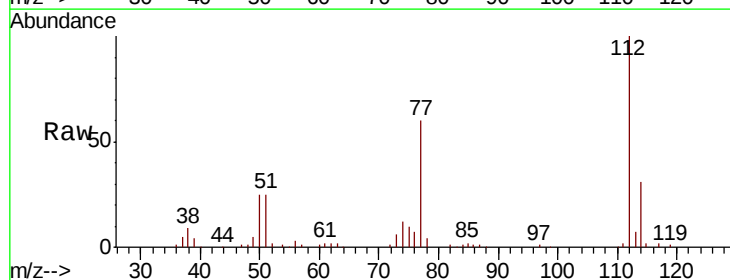
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB22

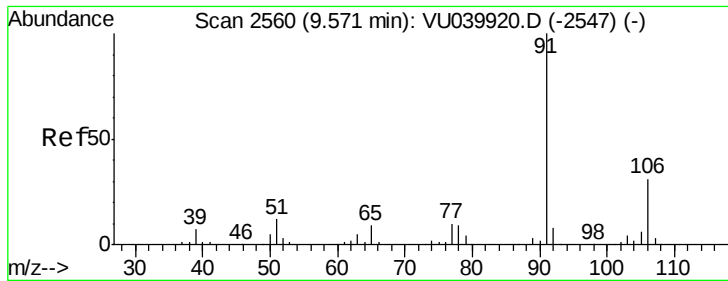
Tot Ion:107 Resp: 26128
 Ion Ratio Lower Upper
 107 100
 109 91.3 68.3 126.9
 188 4.2 2.2 3.4#



#51
 Chlorobenzene
 Concen: 5.176 ug/L
 RT: 9.45 min Scan# 2522
 Delta R.T. -0.00 min
 Lab File: VU039977.D
 Acq: 26 Aug 2020 10:06

Tgt Ion:112 Resp: 91359
 Ion Ratio Lower Upper
 112 100
 114 30.9 21.8 40.4
 77 60.2 45.4 68.0





#52

Ethylbenzene

Concen: 5.396 ug/L

RT: 9.57 min Scan# 2560

Delta R.T. -0.00 min

Lab File: VU039977.D

Acq: 26 Aug 2020 10:06

Instrument :

MSVOA_U

ClientSampleId :

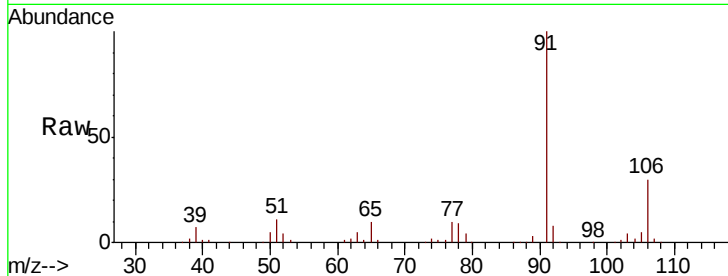
BFB22

Tot Ion: 91 Resp: 158679

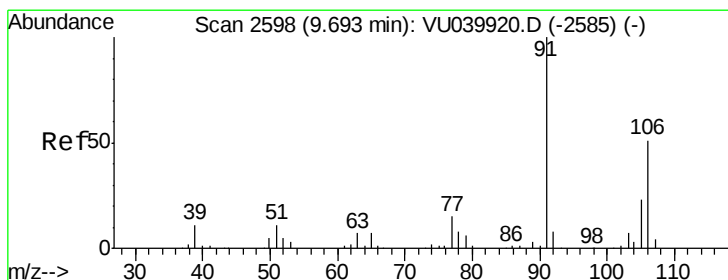
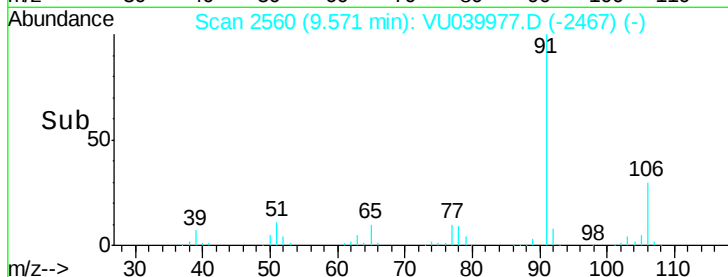
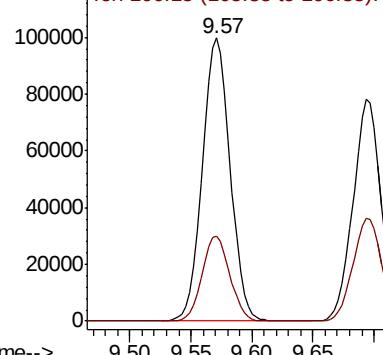
Ion Ratio Lower Upper

91 100

106 30.1 21.2 39.4



Abundance Ion 91.15 (90.85 to 91.85): VU039977.D (-2547) (-)



#53

m,p-Xylene

Concen: 5.254 ug/L

RT: 9.69 min Scan# 2598

Delta R.T. -0.00 min

Lab File: VU039977.D

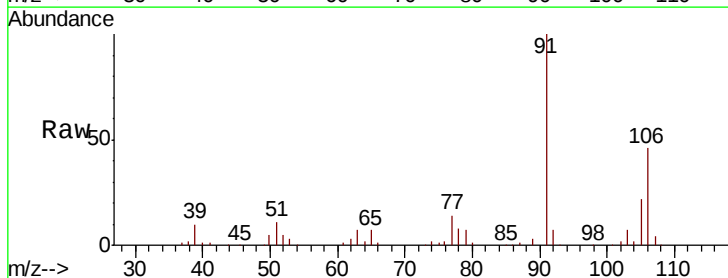
Acq: 26 Aug 2020 10:06

Tgt Ion: 106 Resp: 59299

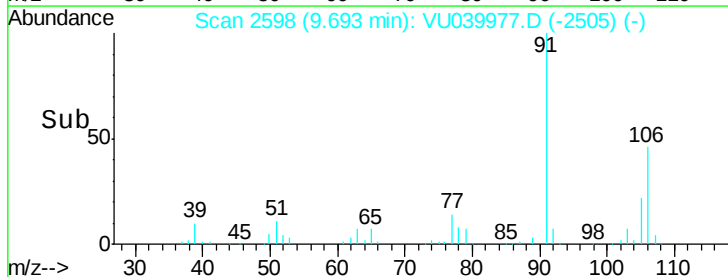
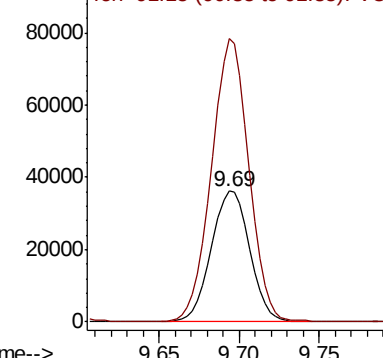
Ion Ratio Lower Upper

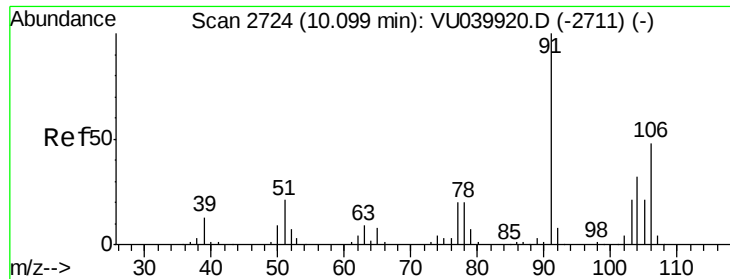
106 100

91 216.3 139.8 259.6



Abundance Ion 106.15 (105.85 to 106.85): VU039977.D (-2598) (-)

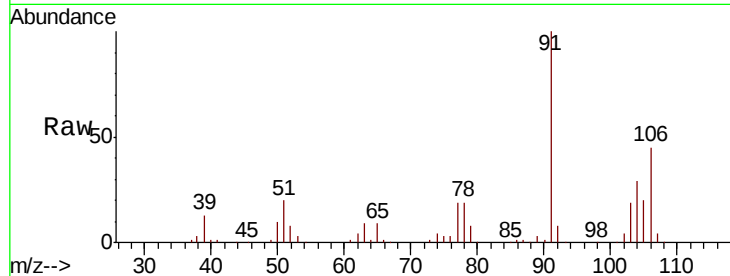




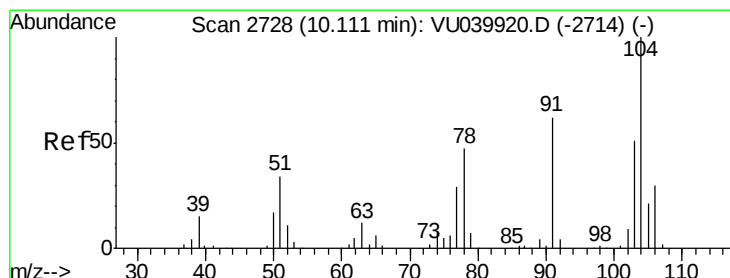
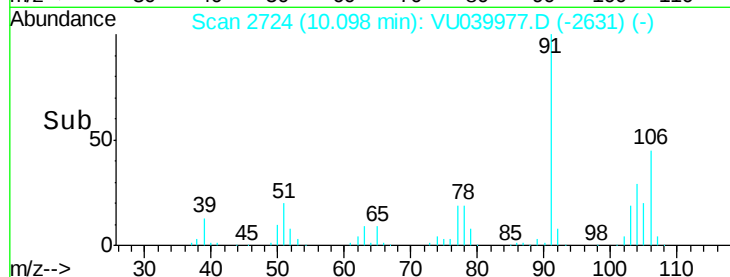
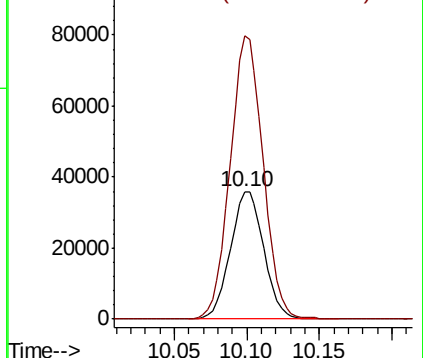
#54
o-Xylene
Concen: 5.368 ug/L
RT: 10.10 min Scan# 2724
Delta R.T. -0.00 min
Lab File: VU039977.D
Acq: 26 Aug 2020 10:06

Instrument :
MSVOA_U
ClientSampled :
BFB22

Tot Ion:106 Resp: 57268
Ion Ratio Lower Upper
106 100
91 221.9 144.6 268.6

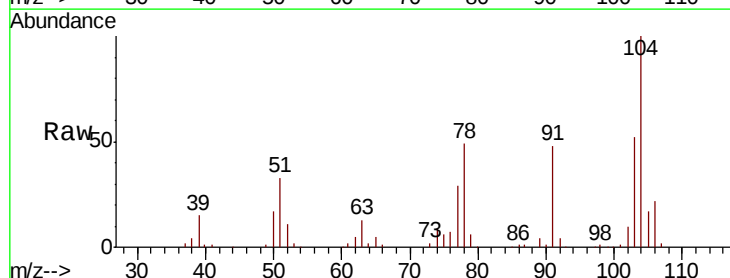


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

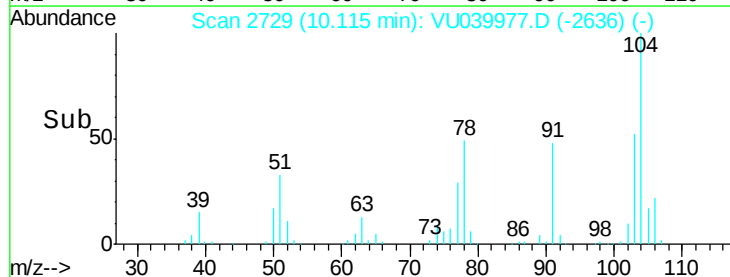
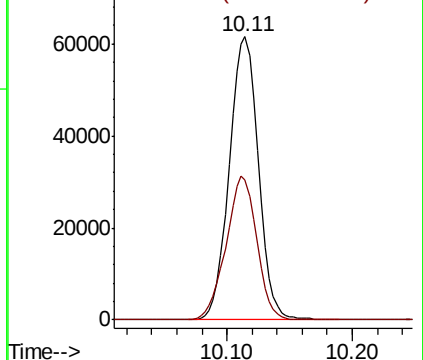


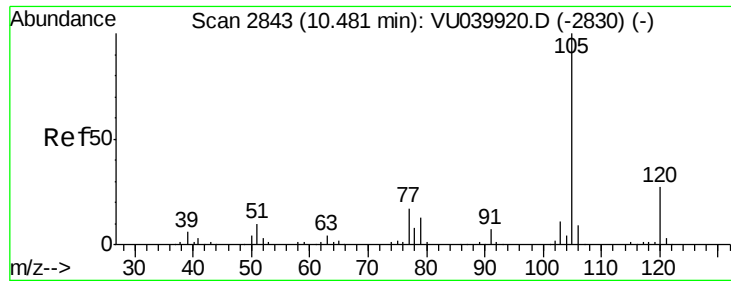
#55
Styrene
Concen: 5.360 ug/L
RT: 10.11 min Scan# 2729
Delta R.T. -0.00 min
Lab File: VU039977.D
Acq: 26 Aug 2020 10:06

Tgt Ion:104 Resp: 99120
Ion Ratio Lower Upper
104 100
78 49.4 32.3 59.9



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VU0





#56

Isopropylbenzene

Concen: 5.388 ug/L

RT: 10.48 min Scan# 2843

Delta R.T. -0.00 min

Lab File: VU039977.D

Acq: 26 Aug 2020 10:06

Instrument :

MSVOA_U

ClientSampleId :

BFB22

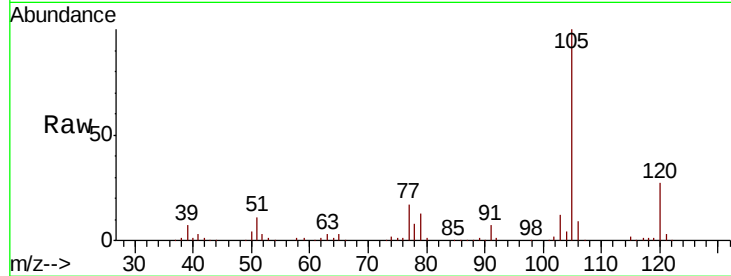
Tot Ion:105 Resp: 154074

Ion Ratio Lower Upper

105 100

120 26.5 21.5 32.3

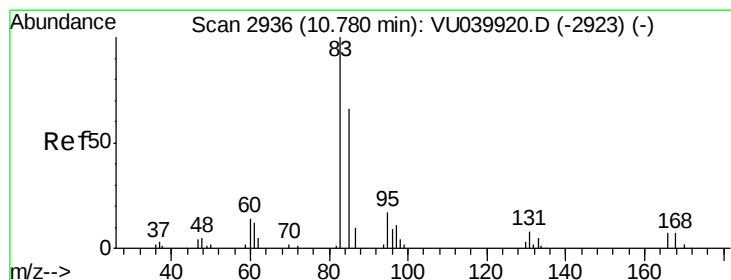
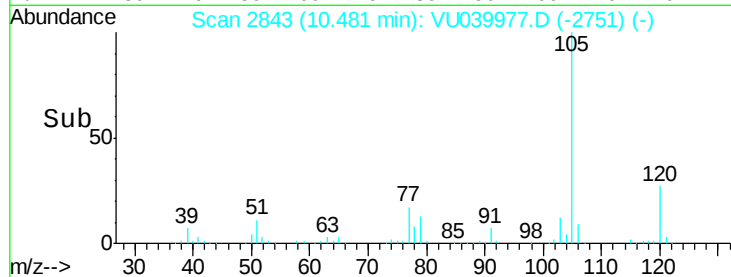
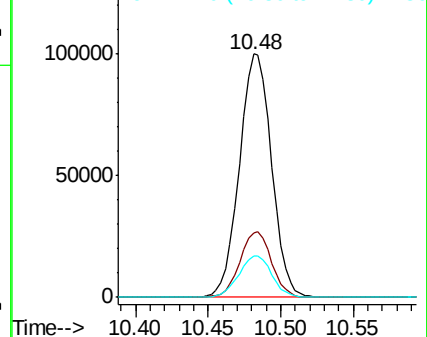
77 17.5 13.0 19.6



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#58

1,1,2,2-Tetrachloroethane

Concen: 4.870 ug/L

RT: 10.78 min Scan# 2936

Delta R.T. -0.00 min

Lab File: VU039977.D

Acq: 26 Aug 2020 10:06

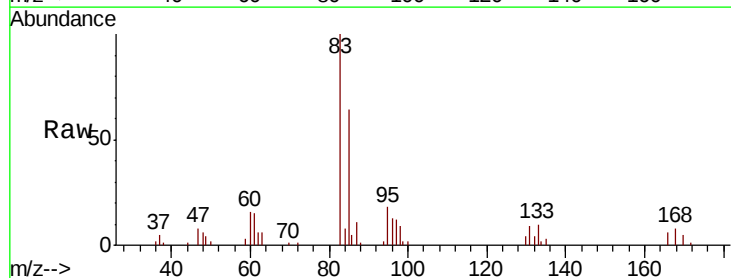
Tgt Ion: 83 Resp: 33565

Ion Ratio Lower Upper

83 100

85 63.5 42.8 79.6

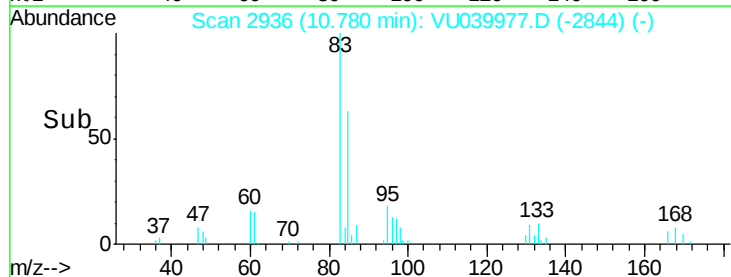
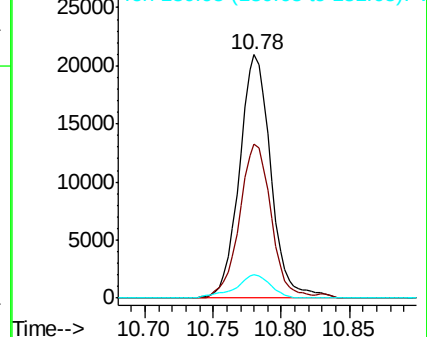
131 9.4 7.4 11.2

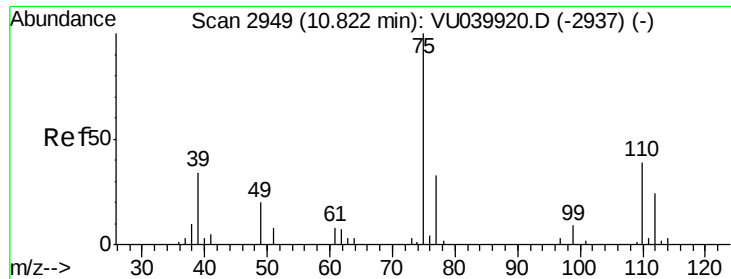


Abundance Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 130.95 (130.65 to 131.65): V





#59

1,2,3-Trichloropropane

Concen: 4.963 ug/L

RT: 10.82 min Scan# 2949

Delta R.T. -0.00 min

Lab File: VU039977.D

Acq: 26 Aug 2020 10:06

Instrument :

MSVOA_U

ClientSampleId :

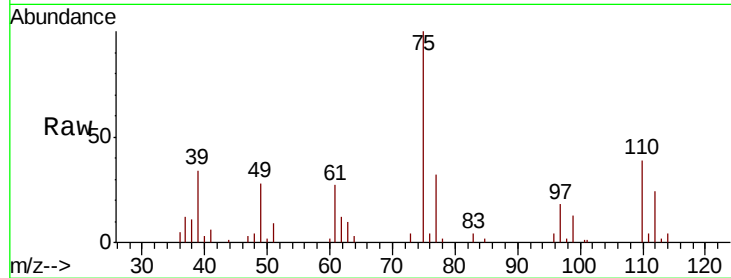
BFB22

Tot Ion: 75 Resp: 24981

Ion Ratio Lower Upper

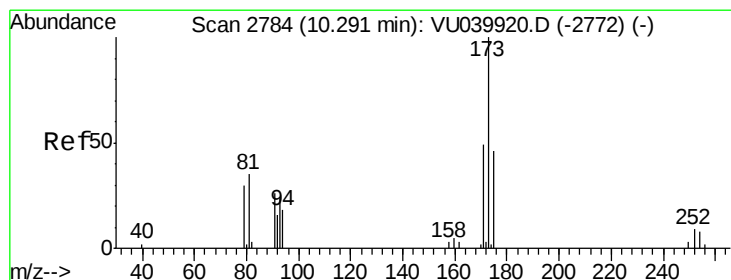
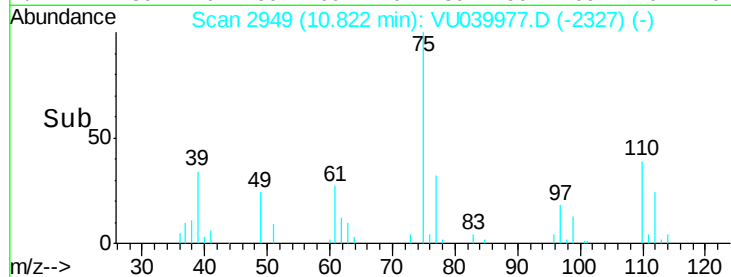
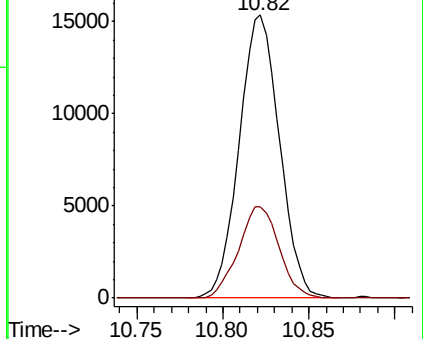
75 100

77 32.6 27.4 41.2



Abundance Ion 75.00 (74.70 to 75.70): VU039977.D (-2327) (-)

Ion 77.00 (76.70 to 77.70): VU039977.D (-2327) (-)



#61

Bromoform

Concen: 5.693 ug/L

RT: 10.29 min Scan# 2784

Delta R.T. -0.00 min

Lab File: VU039977.D

Acq: 26 Aug 2020 10:06

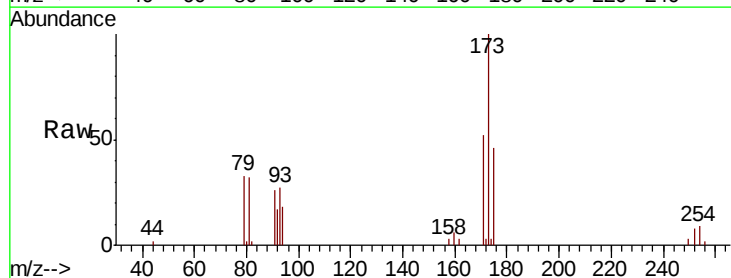
Tgt Ion:173 Resp: 19342

Ion Ratio Lower Upper

173 100

175 46.2 37.6 56.4

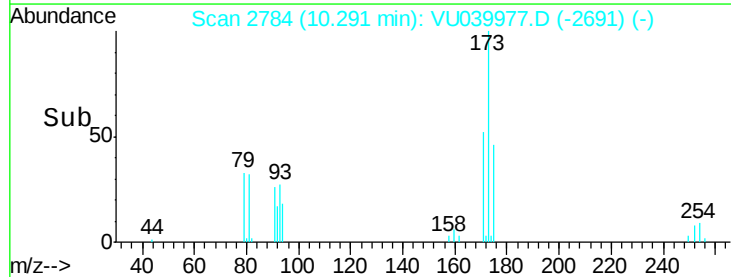
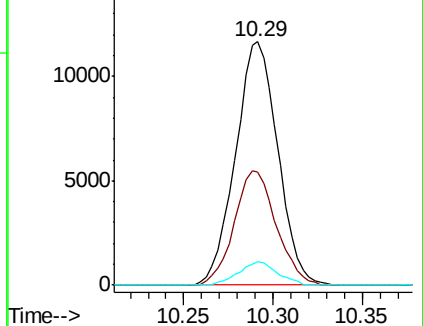
254 8.7 5.8 8.8

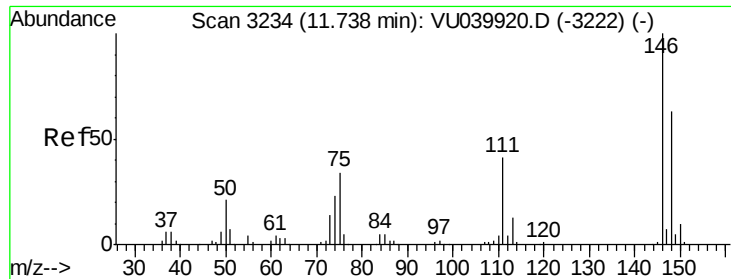


Abundance Ion 172.90 (172.60 to 173.60): VU039977.D (-2691) (-)

Ion 174.90 (174.60 to 175.60): VU039977.D (-2691) (-)

Ion 253.75 (253.45 to 254.45): VU039977.D (-2691) (-)





#62

1,3-Dichlorobenzene

Concen: 5.213 ug/L

RT: 11.74 min Scan# 3235

Delta R.T. -0.00 min

Lab File: VU039977.D

Acq: 26 Aug 2020 10:06

Instrument :

MSVOA_U

ClientSampleId :

BFB22

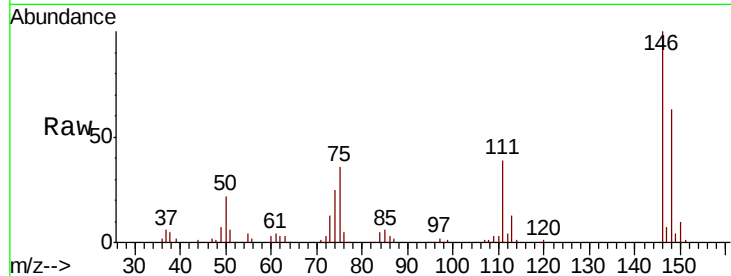
Tot Ion:146 Resp: 74455

Ion Ratio Lower Upper

146 100

111 39.4 27.6 51.4

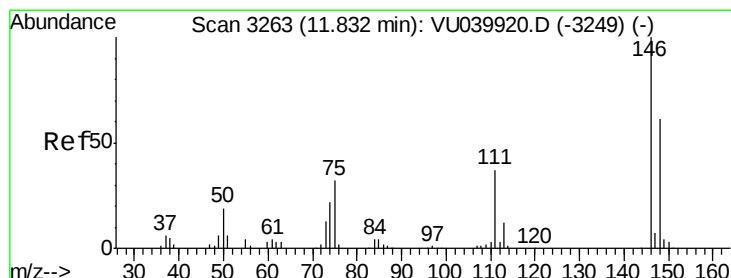
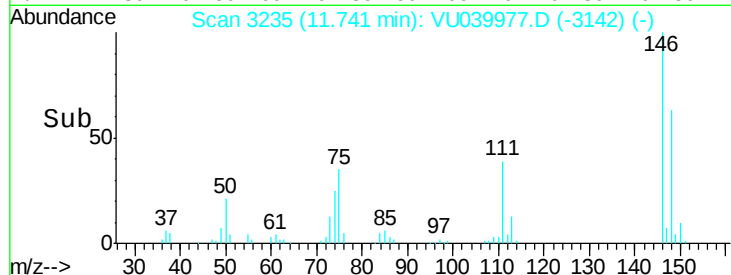
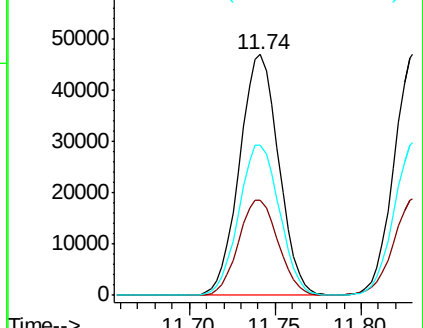
148 62.7 43.8 81.4



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 5.195 ug/L

RT: 11.83 min Scan# 3263

Delta R.T. -0.00 min

Lab File: VU039977.D

Acq: 26 Aug 2020 10:06

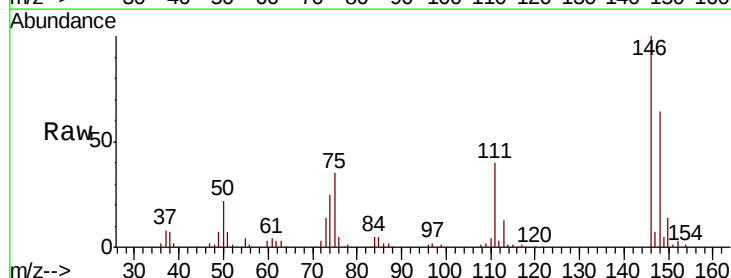
Tgt Ion:146 Resp: 75552

Ion Ratio Lower Upper

146 100

111 40.1 26.5 49.1

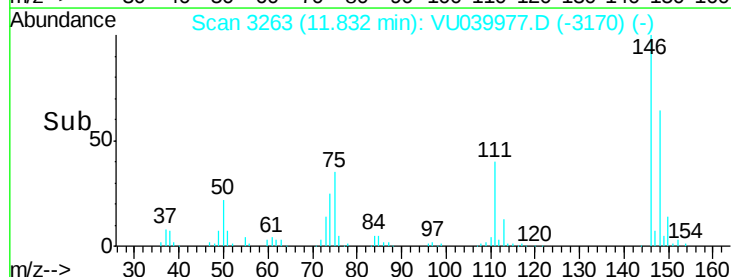
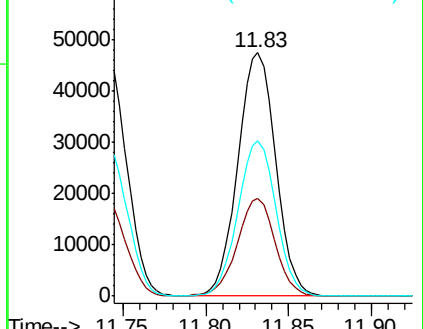
148 64.0 42.8 79.4

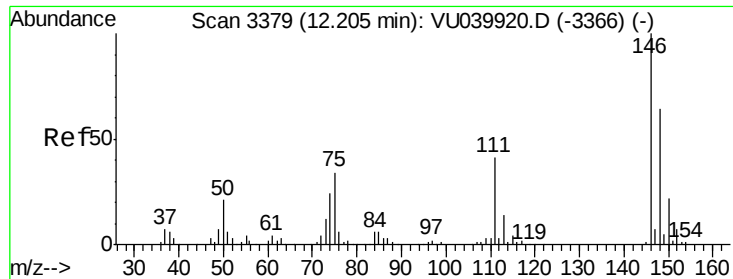


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 5.056 ug/L

RT: 12.21 min Scan# 3380

Delta R.T. 0.00 min

Lab File: VU039977.D

Acq: 26 Aug 2020 10:06

Instrument :

MSVOA_U

ClientSampleId :

BFB22

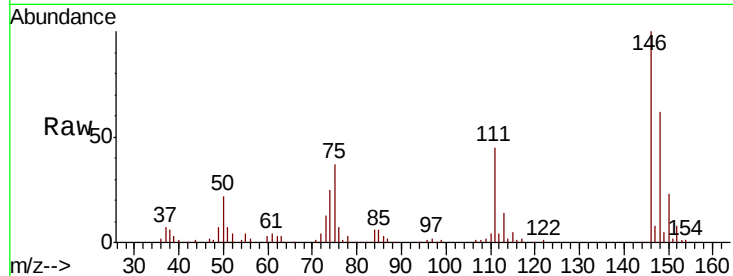
Tot Ion:146 Resp: 69689

Ion Ratio Lower Upper

146 100

111 45.2 33.4 50.0

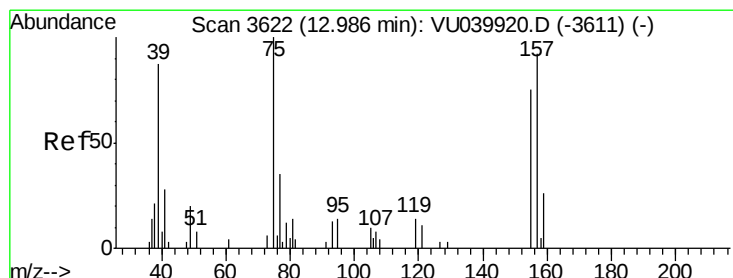
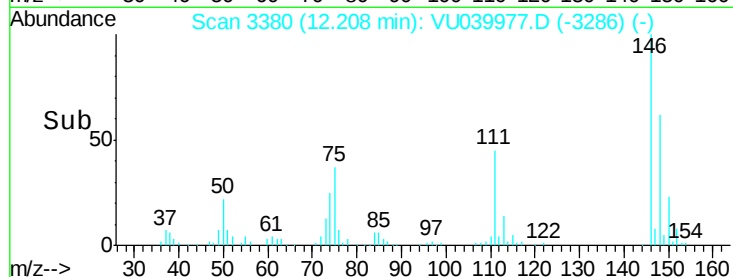
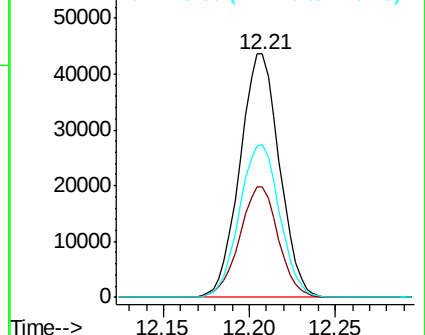
148 62.5 51.4 77.0



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 5.627 ug/L

RT: 12.99 min Scan# 3623

Delta R.T. -0.00 min

Lab File: VU039977.D

Acq: 26 Aug 2020 10:06

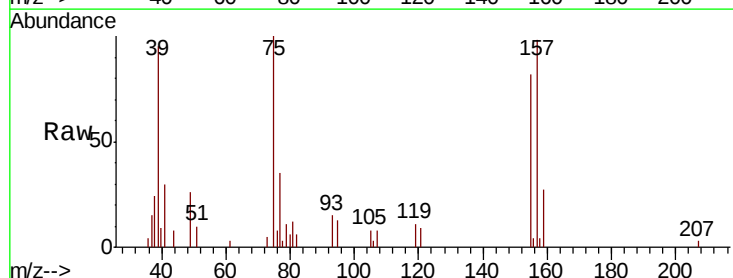
Tgt Ion: 75 Resp: 6343

Ion Ratio Lower Upper

75 100

155 82.0 54.6 82.0#

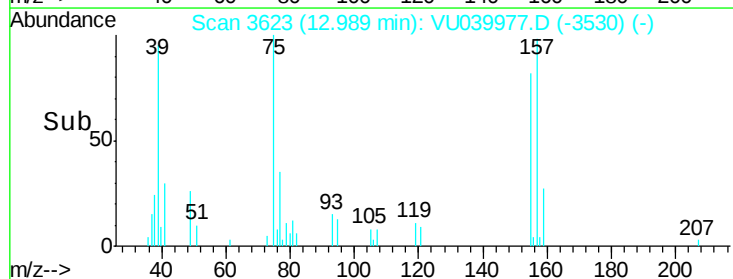
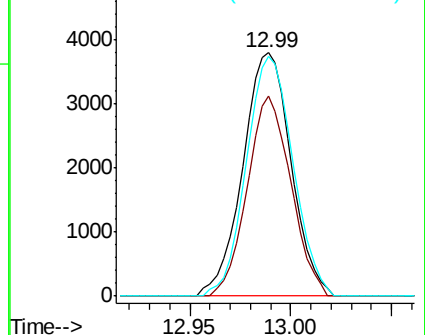
157 98.4 72.2 108.4

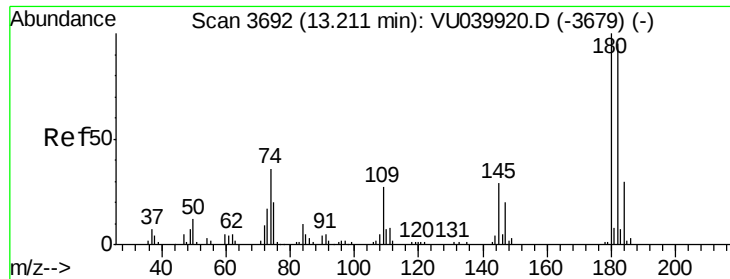


Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

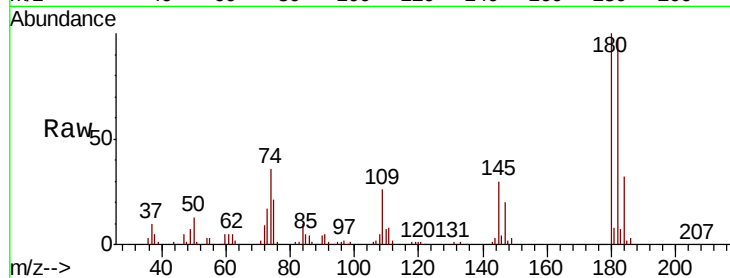




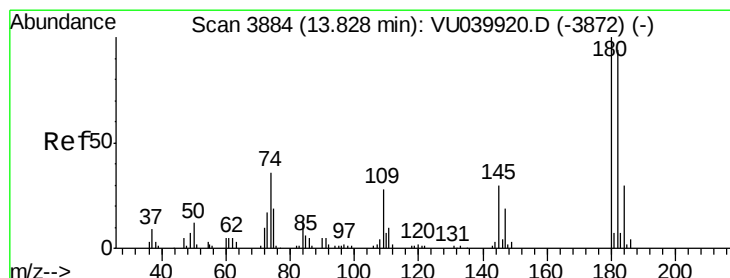
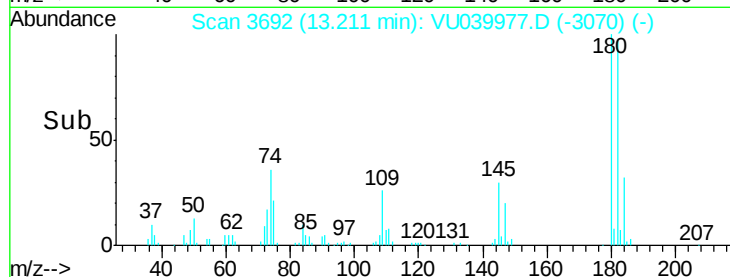
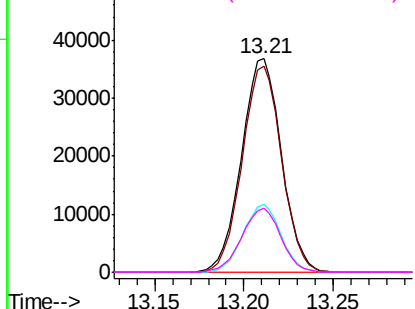
#67
 1,3,5-Trichlorobenzene
 Concen: 5.407 ug/L
 RT: 13.21 min Scan# 3692
 Delta R.T. -0.00 min
 Lab File: VU039977.D
 Acq: 26 Aug 2020 10:06

Instrument :
 MSVOA_U
 ClientSampled :
 BFB22

Tot Ion:180 Resp: 57350
 Ion Ratio Lower Upper
 180 100
 182 95.1 79.2 118.8
 184 30.2 24.6 36.8
 145 29.4 25.7 38.5

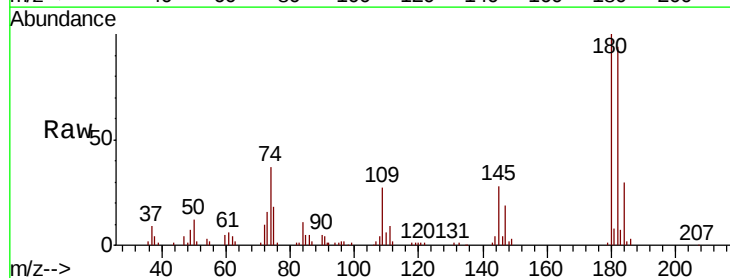


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

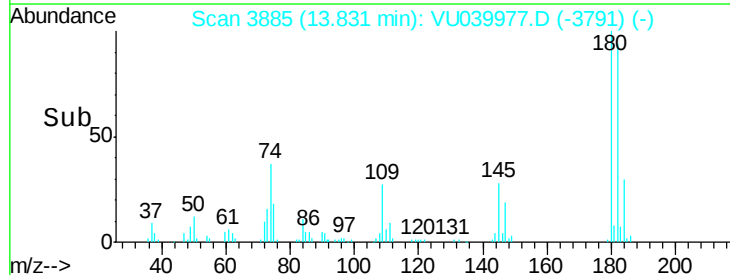
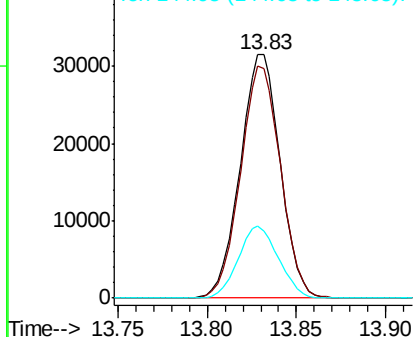


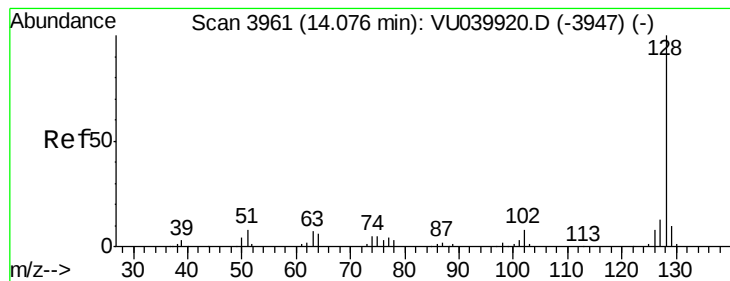
#68
 1,2,4-trichlorobenzene
 Concen: 5.459 ug/L
 RT: 13.83 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VU039977.D
 Acq: 26 Aug 2020 10:06

Tgt Ion:180 Resp: 49396
 Ion Ratio Lower Upper
 180 100
 182 95.2 75.2 112.8
 145 29.6 24.6 36.8



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V





#69

Naphthalene

Concen: 4.764 ug/L

RT: 14.08 min Scan# 3961

Delta R.T. -0.00 min

Lab File: VU039977.D

Acq: 26 Aug 2020 10:06

Instrument :

MSVOA_U

ClientSampleId :

BFB22

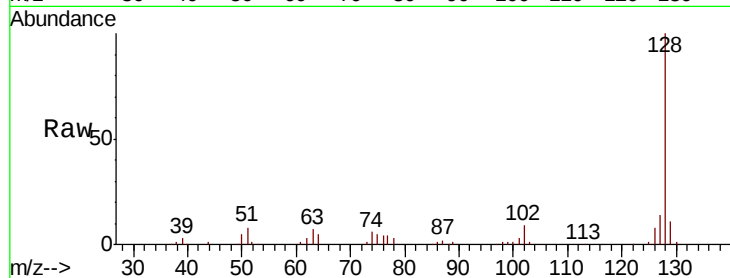
Tot Ion:128 Resp: 79628

Ion Ratio Lower Upper

128 100

129 10.8 8.5 12.7

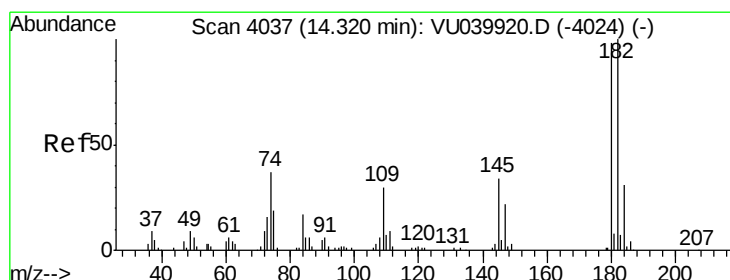
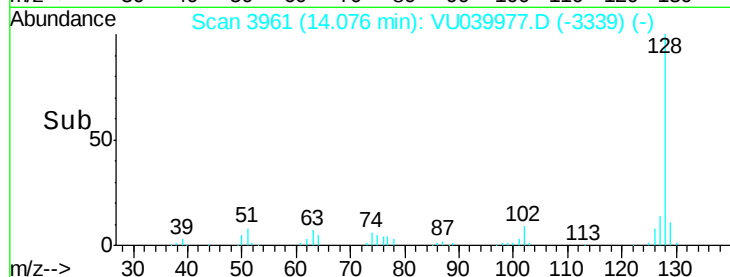
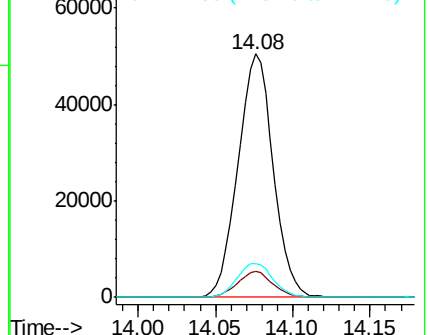
127 14.3 10.2 15.4



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 5.284 ug/L

RT: 14.32 min Scan# 4036

Delta R.T. -0.00 min

Lab File: VU039977.D

Acq: 26 Aug 2020 10:06

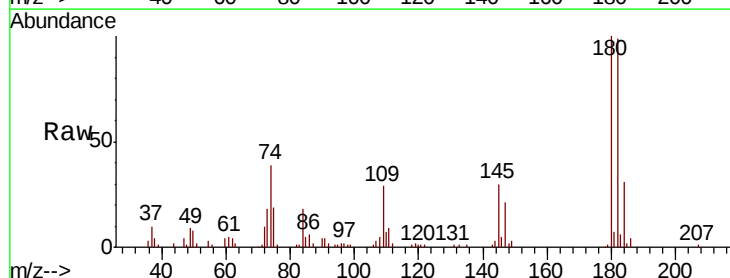
Tgt Ion:180 Resp: 44678

Ion Ratio Lower Upper

180 100

182 97.4 75.0 112.6

145 31.1 26.4 39.6



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

