

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U072920\
 Data File : VU039702.D
 Acq On : 29 Jul 2020 14:02
 Operator : SY/MD
 Sample : VSTDIC0.5
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Quant Time: Jul 30 01:23:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 30 01:17:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	6.13	96	20764	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	7353	0.91	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	7410	0.94	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.39	85	3483	0.491	ug/l	94
3) Chloromethane	1.53	50	4701	0.557	ug/l	97
4) Vinyl Chloride	1.61	62	4052	0.490	ug/l	100
5) Bromomethane	1.86	94	3133	0.611	ug/l	97
6) Chloroethane	1.94	64	3387	0.672	ug/l	89
7) Trichlorofluoromethane	2.15	101	5592	0.621	ug/l	97
8) 1,1,2-Trichloro-1,2,2-trif	2.60	101	3172	0.574	ug/l	98
9) 1,1-Dichloroethene	2.59	96	2914	0.531	ug/l	96
10) Iodomethane	2.74	142	2293	0.628	ug/l	98
11) Allyl Chloride	2.94	41	6562	0.631	ug/l	95
12) Acrylonitrile	3.33	53	2037	1.306	ug/l	95
13) Acetone	2.64	43	5580	4.321	ug/l	98
14) Carbon Disulfide	2.81	76	10766	0.537	ug/l	96
15) Methylene Chloride	3.06	84	5381	0.706	ug/l	94
16) trans-1,2-Dichloroethene	3.37	96	3190	0.530	ug/l #	87
17) 1,1-Dichloroethane	3.89	63	7264	0.618	ug/l	98
18) 2-Butanone	4.74	43	9301	4.668	ug/l	90
19) Cyclohexane	5.40	56	7024	0.621	ug/l	97
20) Methylcyclohexane	6.77	83	4819	0.450	ug/l	92
21) 2,2-Dichloropropane	4.68	77	6452	0.664	ug/l	92
22) cis-1,2-Dichloroethene	4.69	96	3497	0.548	ug/l	91
23) Diethyl Ether	2.39	59	3255	0.661	ug/l	93
24) tert-Butyl Alcohol	3.20	59	9629	17.161	ug/l #	87
25) Methyl tert-Butyl Ether	3.38	73	9129	0.588	ug/l	91
26) Bromochloromethane	5.00	128	1545	0.600	ug/l	92
27) Chloroform	5.11	83	7157	0.651	ug/l	99
28) 1,1,1-Trichloroethane	5.33	97	5522	0.613	ug/l	96
29) 1,1-Dichloropropene	5.54	75	5360	0.596	ug/l	93
30) Carbon Tetrachloride	5.53	117	4518	0.601	ug/l	98
31) Isopropyl Ether	4.03	45	13793	0.700	ug/l	98
32) Ethyl-t-butyl ether	4.53	59	11196	0.637	ug/l	99
33) Tert-Amyl methyl ether	5.96	73	7832	0.533	ug/l	99
34) Propionitrile	4.80	54	2037	3.680	ug/l #	97
35) Benzene	5.79	78	13216	0.536	ug/l	96
36) 1,2-Dichloroethane	5.82	62	4729	0.620	ug/l #	94
37) Trichloroethene	6.55	130	2843	0.445	ug/l	80
38) 1,2-Dichloropropane	6.81	63	3397	0.504	ug/l	98
39) Methacrylonitrile	5.01	41	2540	0.972	ug/l	89
40) Methyl acrylate	4.87	55	2657	0.700	ug/l #	94
41) Tetrahydrofuran	5.08	42	2445	1.861	ug/l #	85
42) 1-Chlorobutane	5.47	56	8622	0.654	ug/l	90

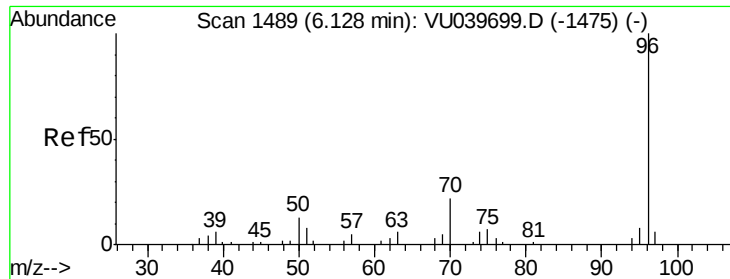
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072920\
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Quant Time: Jul 30 01:23:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 30 01:17:29 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.93	93	1827	0.572	ug/l	97
44) Bromodichloromethane	7.12	83	4212	0.530	ug/l	95
45) 4-Methyl-2-Pentanone	7.81	43	14042	3.121	ug/l	98
46) t-1,4-Dichloro-2-butene	10.83	75	4120	2.997	ug/l #	43
47) Methyl methacrylate	6.98	69	3198	0.988	ug/l	87
48) Ethyl methacrylate	8.35	69	3006	0.504	ug/l	96
49) Toluene	7.98	92	7229	0.464	ug/l	98
50) t-1,3-Dichloropropene	8.22	75	3307	0.413	ug/l	99
51) cis-1,3-Dichloropropene	7.62	75	4167	0.438	ug/l	94
52) 1,1,2-Trichloroethane	8.41	97	2454	0.549	ug/l	92
53) 1,3-Dichloropropane	8.58	76	4883	0.581	ug/l	97
54) 2-Hexanone	8.70	43	10008	3.137	ug/l	95
55) Dibromochloromethane	8.82	129	2360	0.477	ug/l	94
56) 1,2-Dibromoethane	8.93	107	2331	0.549	ug/l	98
58) Tetrachloroethene	8.56	164	2581	0.441	ug/l	93
59) Chlorobenzene	9.45	112	7814	0.474	ug/l	96
60) 1,1,1,2-Tetrachloroethane	9.54	131	2436	0.480	ug/l	95
61) Pentachloroethane	11.42	117	2183	0.556	ug/l	84
62) Hexachloroethane	12.47	117	1763	0.438	ug/l	94
63) Ethyl Benzene	9.57	91	12563	0.426	ug/l	99
64) m/p-Xylenes	9.70	106	9656	0.847	ug/l	97
65) o-Xylene	10.10	106	4385	0.397	ug/l	91
66) Styrene	10.12	104	7368	0.402	ug/l	97
67) Bromoform	10.29	173	1078	0.415	ug/l #	86
69) Isopropylbenzene	10.48	105	12842	0.444	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.78	83	3260	0.555	ug/l #	96
71) 1,2,3-Trichloropropane	10.83	75	4120	0.929	ug/l #	57
72) Bromobenzene	10.79	156	2950	0.459	ug/l	95
73) n-propylbenzene	10.91	120	3450	0.434	ug/l	96
74) 2-Chlorotoluene	10.98	126	3140	0.470	ug/l	98
75) 1,3,5-Trimethylbenzene	11.09	105	9726	0.401	ug/l	96
76) 4-Chlorotoluene	11.10	126	2959	0.426	ug/l	85
77) tert-Butylbenzene	11.42	119	10428	0.453	ug/l	98
78) 1,2,4-Trimethylbenzene	11.47	105	10283	0.412	ug/l	100
79) sec-Butylbenzene	11.64	105	14032	0.426	ug/l	97
80) Nitrobenzene	13.21	77	313	1.962	ug/l #	44
81) p-Isopropyltoluene	11.79	119	10904	0.410	ug/l	98
82) 1,3-Dichlorobenzene	11.74	146	6913	0.515	ug/l	96
83) 1,4-Dichlorobenzene	11.83	146	6818	0.502	ug/l	98
84) n-Butylbenzene	12.20	91	12432	0.465	ug/l	97
85) 1,2-Dichlorobenzene	12.21	146	6494	0.516	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.99	75	466	0.488	ug/l	93
87) 1,2,4-Trichlorobenzene	13.83	180	4048	0.449	ug/l	94
88) Hexachlorobutadiene	14.01	225	1883	0.471	ug/l	95
89) Naphthalene	14.08	128	8734	0.492	ug/l	97
90) 1,2,3-Trichlorobenzene	14.32	180	3788	0.469	ug/l	97

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.13 min Scan# 1489

Delta R.T. -0.00 min

Lab File: VU039702.D

Acq: 29 Jul 2020 14:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tot Ion: 96 Resp: 20764

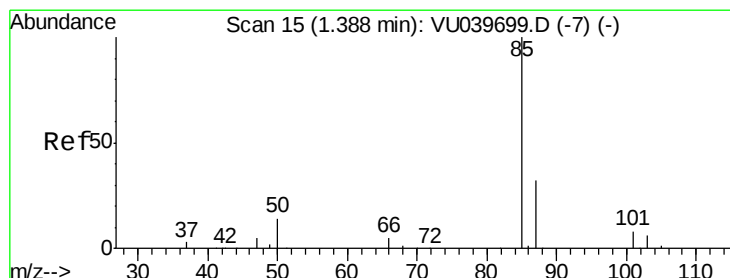
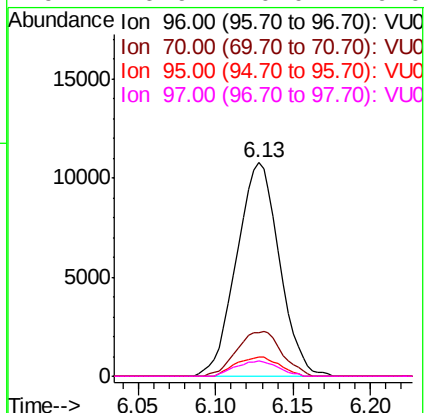
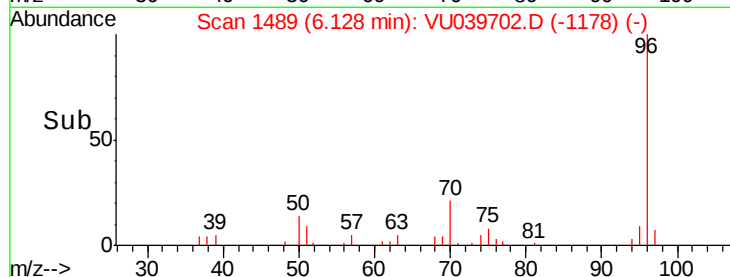
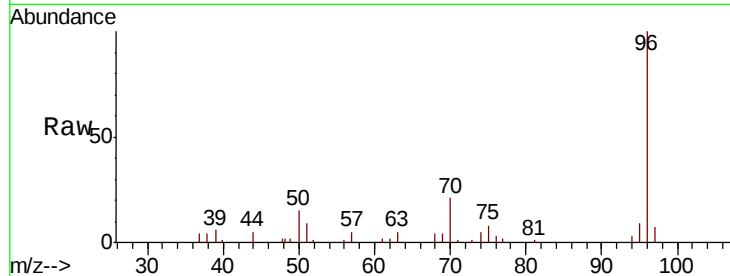
Ion Ratio Lower Upper

96 100

70 22.0 16.3 24.5

95 9.1 6.8 10.2

97 6.9 0.0 0.0#



#2

Dichlorodifluoromethane

Concen: 0.491 ug/l

RT: 1.39 min Scan# 15

Delta R.T. -0.00 min

Lab File: VU039702.D

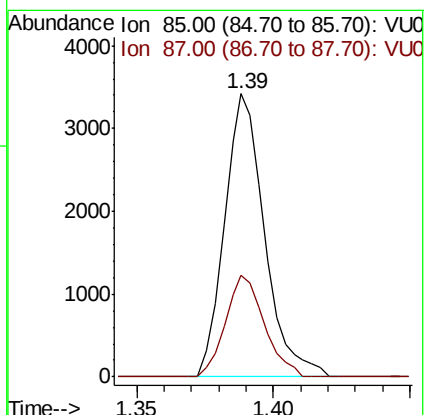
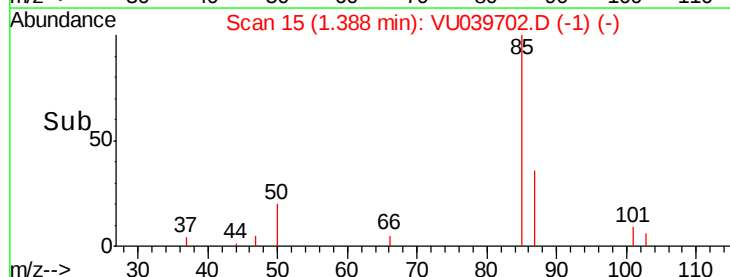
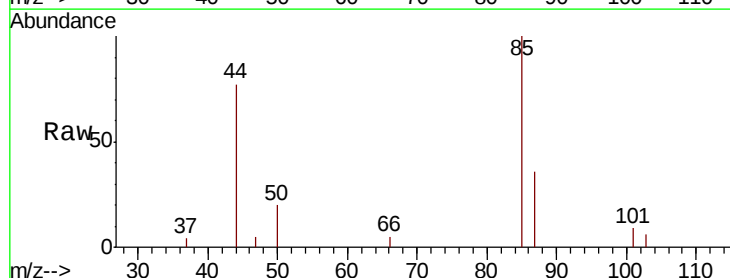
Acq: 29 Jul 2020 14:02

Tgt Ion: 85 Resp: 3483

Ion Ratio Lower Upper

85 100

87 36.0 16.2 48.6

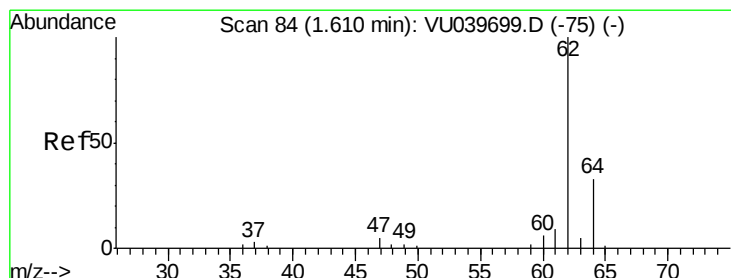
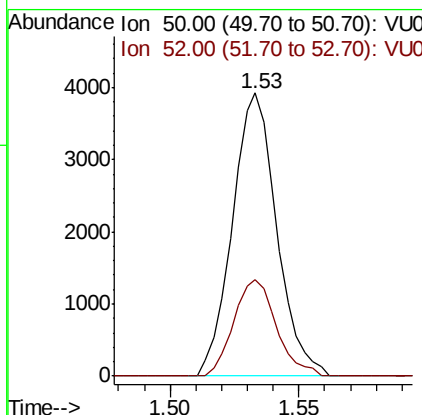
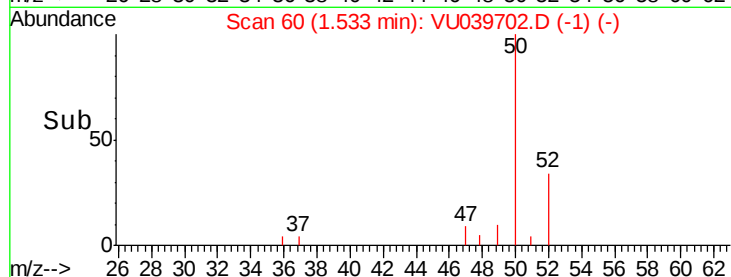
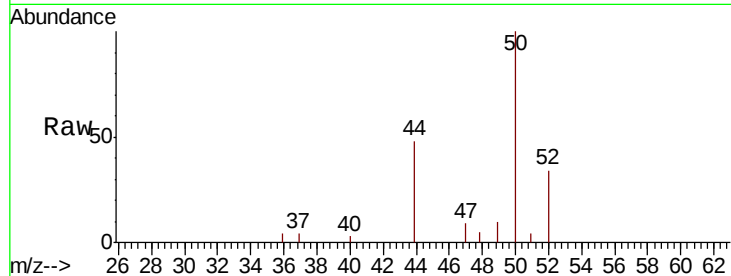




#3
 Chloromethane
 Concen: 0.557 ug/l
 RT: 1.53 min Scan# 60
 Delta R.T. 0.00 min
 Lab File: VU039702.D
 Acq: 29 Jul 2020 14:02

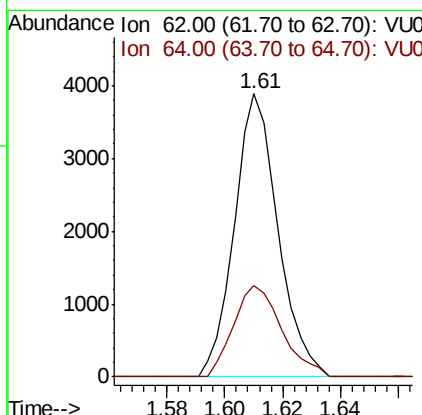
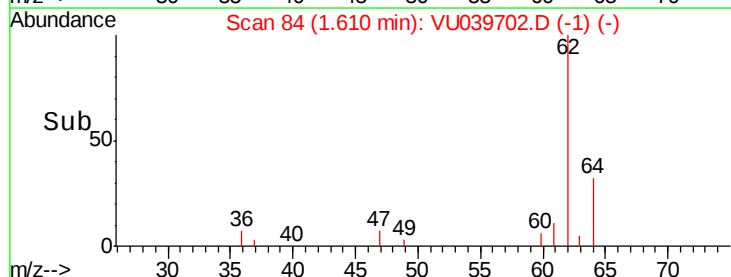
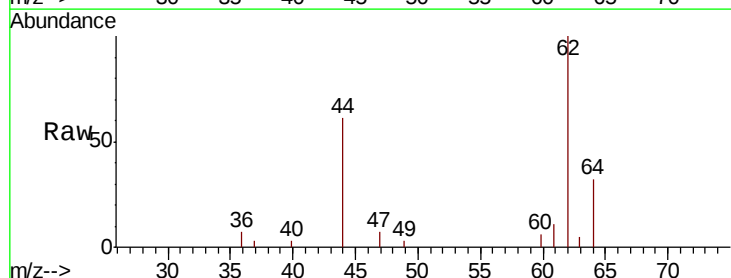
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

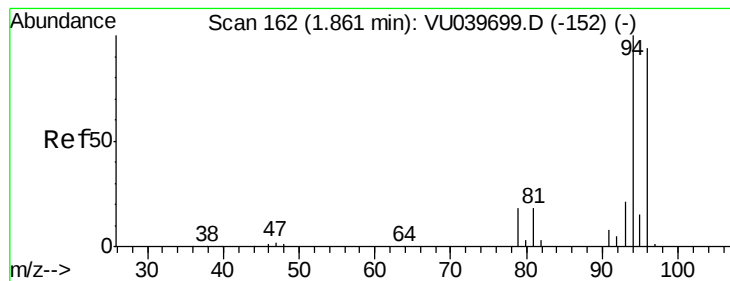
Tot Ion: 50 Resp: 4701
 Ion Ratio Lower Upper
 50 100
 52 34.2 26.0 39.0



#4
 Vinyl Chloride
 Concen: 0.490 ug/l
 RT: 1.61 min Scan# 84
 Delta R.T. -0.00 min
 Lab File: VU039702.D
 Acq: 29 Jul 2020 14:02

Tgt Ion: 62 Resp: 4052
 Ion Ratio Lower Upper
 62 100
 64 32.3 26.0 39.0





#5

Bromomethane

Concen: 0.611 ug/l

RT: 1.86 min Scan# 163

Delta R.T. 0.00 min

Lab File: VU039702.D

Acq: 29 Jul 2020 14:02

Instrument :

MSVOA_U

ClientSampleId :

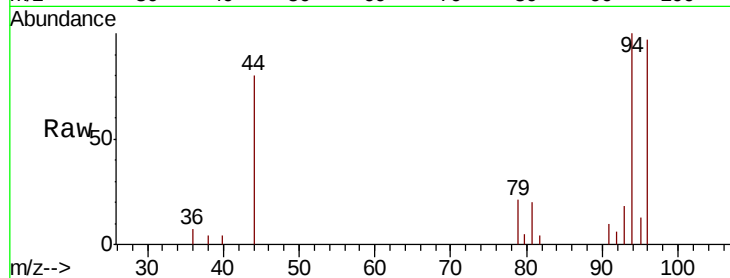
VSTDIC0.5

Tot Ion: 94 Resp: 3133

Ion Ratio Lower Upper

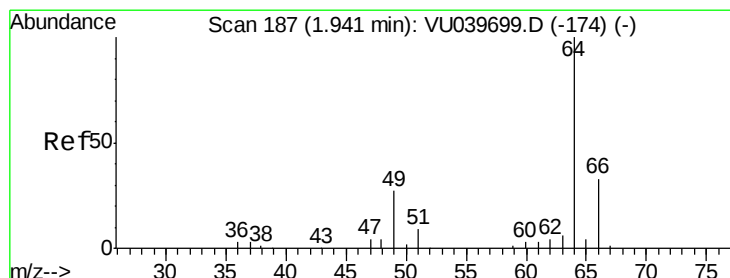
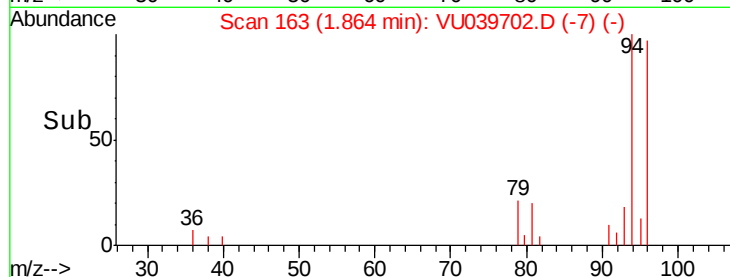
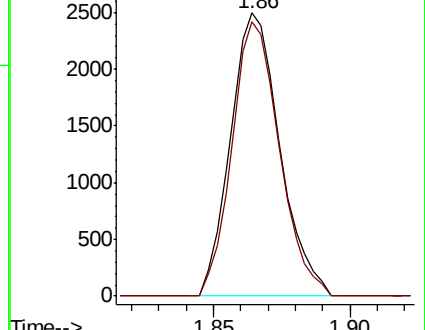
94 100

96 97.2 75.0 112.6



Abundance Ion 94.00 (93.70 to 94.70): VU039699.D (-152) (-)

Ion 96.00 (95.70 to 96.70): VU039702.D (-7) (-)



#6

Chloroethane

Concen: 0.672 ug/l

RT: 1.94 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU039702.D

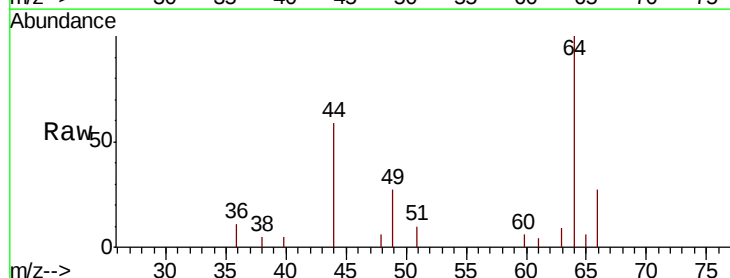
Acq: 29 Jul 2020 14:02

Tgt Ion: 64 Resp: 3387

Ion Ratio Lower Upper

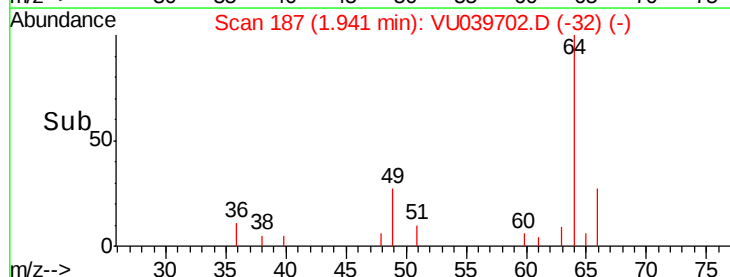
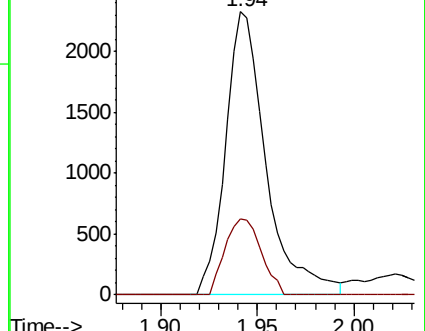
64 100

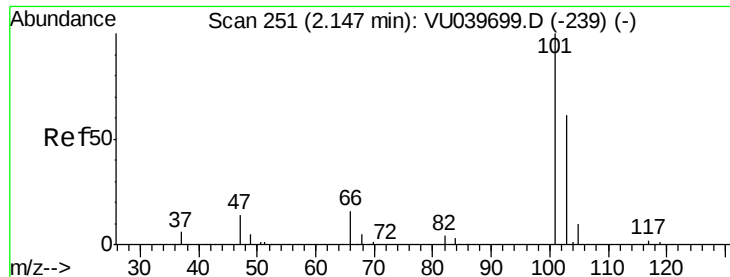
66 26.8 26.2 39.2



Abundance Ion 64.00 (63.70 to 64.70): VU039699.D (-174) (-)

Ion 66.00 (65.70 to 66.70): VU039702.D (-32) (-)



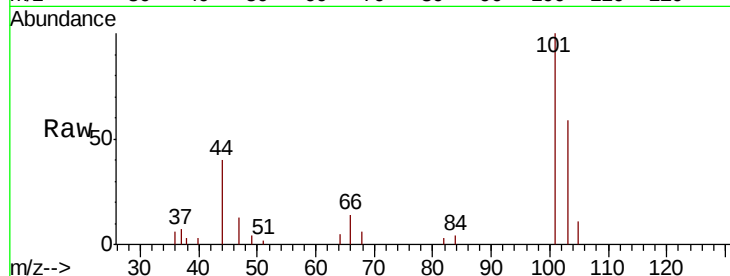


#7

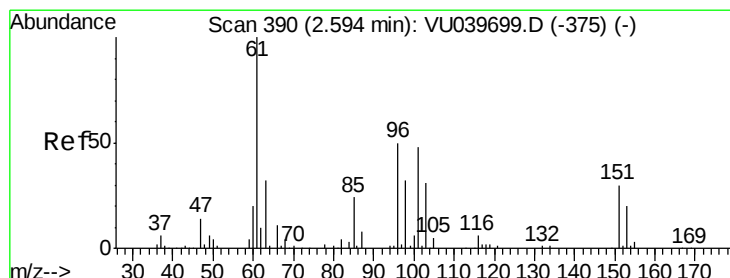
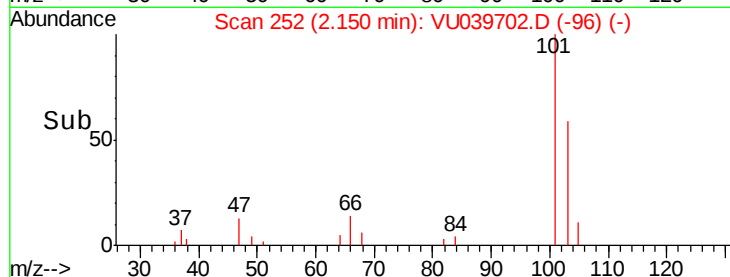
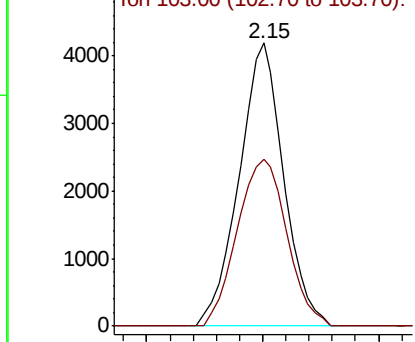
Trichlorofluoromethane
Concen: 0.621 ug/l
RT: 2.15 min Scan# 252
Delta R.T. 0.00 min
Lab File: VU039702.D
Acq: 29 Jul 2020 14:02

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tot Ion:101 Resp: 5592
Ion Ratio Lower Upper
101 100
103 59.0 48.8 73.2



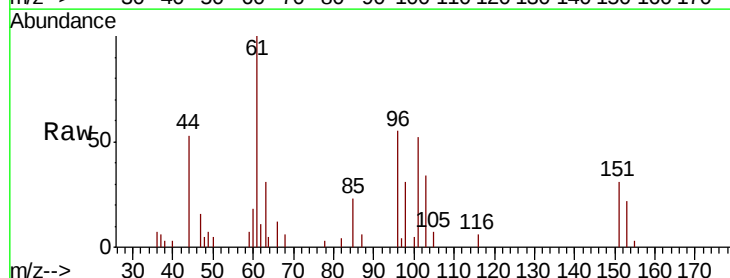
Abundance Ion 101.00 (100.70 to 101.70): V
Ion 103.00 (102.70 to 103.70): V



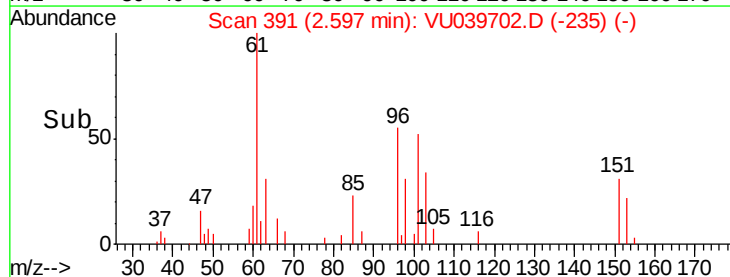
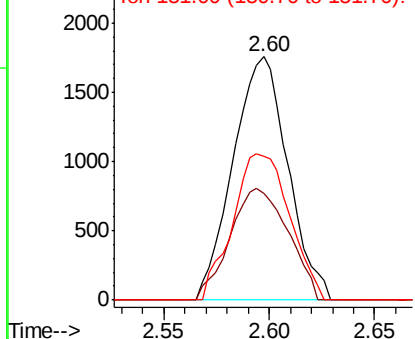
#8

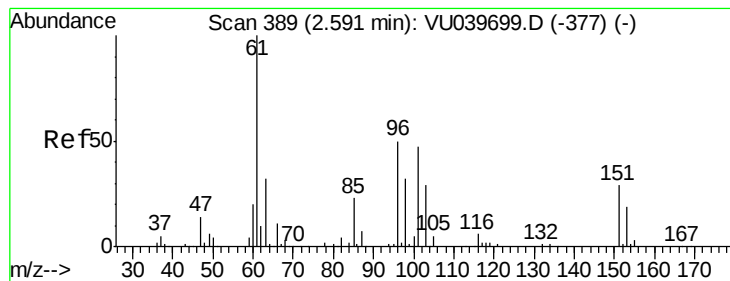
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.574 ug/l
RT: 2.60 min Scan# 391
Delta R.T. 0.00 min
Lab File: VU039702.D
Acq: 29 Jul 2020 14:02

Tgt Ion:101 Resp: 3172
Ion Ratio Lower Upper
101 100
85 48.6 39.9 59.9
151 62.3 51.0 76.4



Abundance Ion 101.00 (100.70 to 101.70): V
Ion 85.00 (84.70 to 85.70): VU
Ion 151.00 (150.70 to 151.70): V

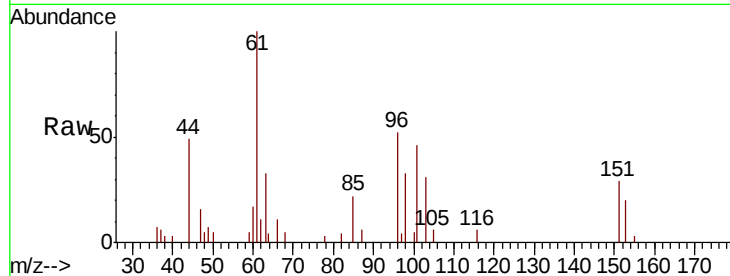




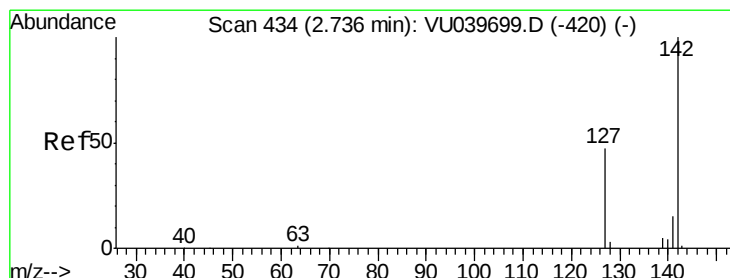
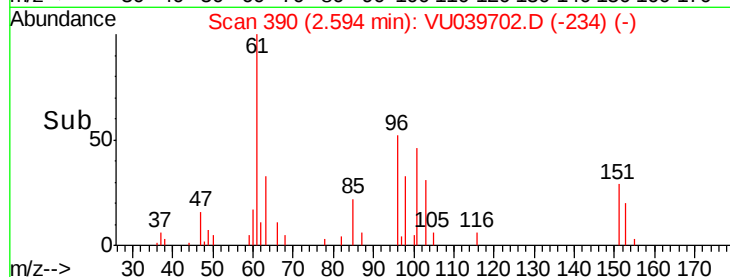
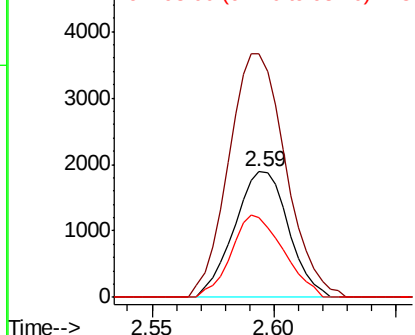
#9
 1,1-Dichloroethene
 Concen: 0.531 ug/l
 RT: 2.59 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VU039702.D
 Acq: 29 Jul 2020 14:02

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tot Ion: 96 Resp: 2914
 Ion Ratio Lower Upper
 96 100
 61 193.7 0.0 604.5
 98 63.0 0.0 127.2

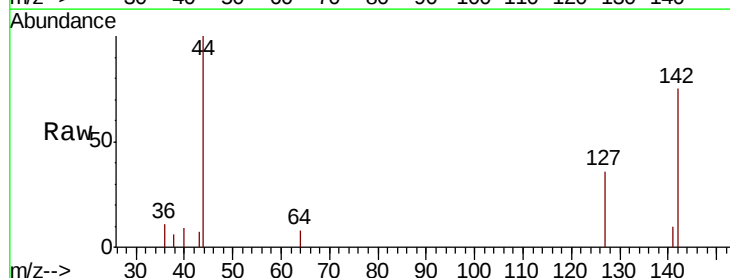


Abundance Ion 96.00 (95.70 to 96.70): VU039699.D (-377) (-)
 Ion 61.00 (60.70 to 61.70): VU039699.D (-377) (-)
 Ion 98.00 (97.70 to 98.70): VU039699.D (-377) (-)

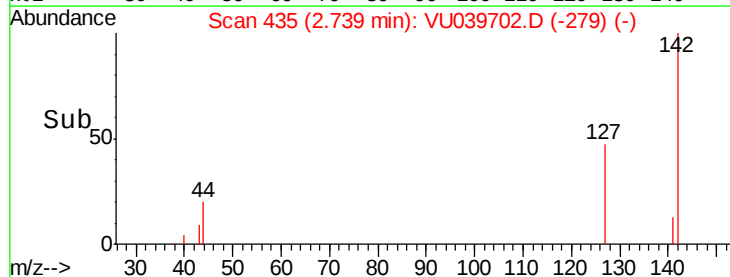
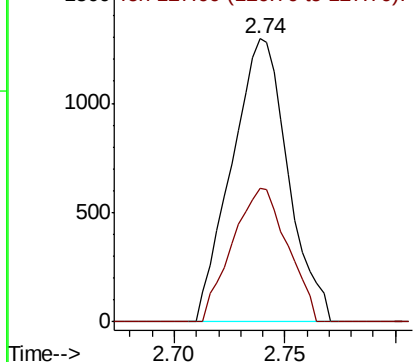


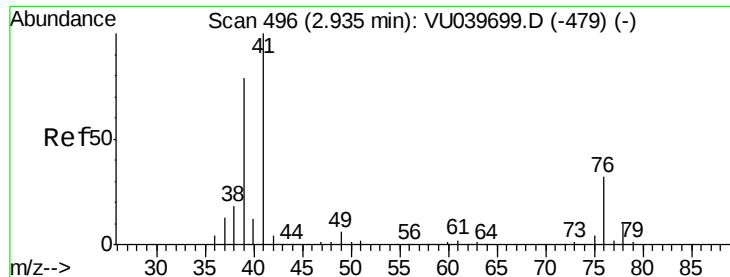
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 Iodomethane
 Concen: 0.628 ug/l
 RT: 2.74 min Scan# 435
 Delta R.T. 0.00 min
 Lab File: VU039702.D
 Acq: 29 Jul 2020 14:02

Tgt Ion: 142 Resp: 2293
 Ion Ratio Lower Upper
 142 100
 127 46.3 38.4 57.6



Abundance Ion 142.00 (141.70 to 142.70): VU039699.D (-420) (-)
 Ion 127.00 (126.70 to 127.70): VU039699.D (-420) (-)

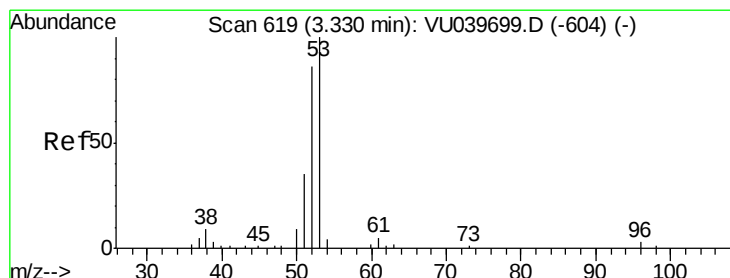
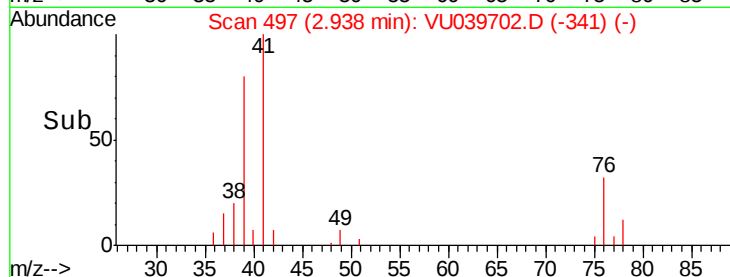
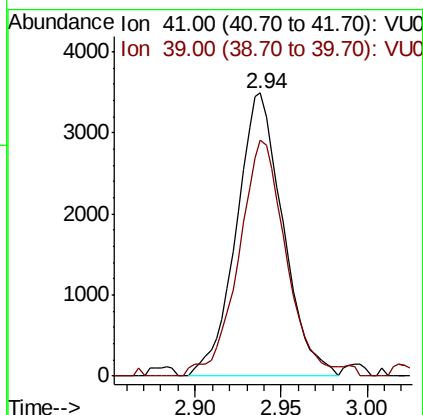
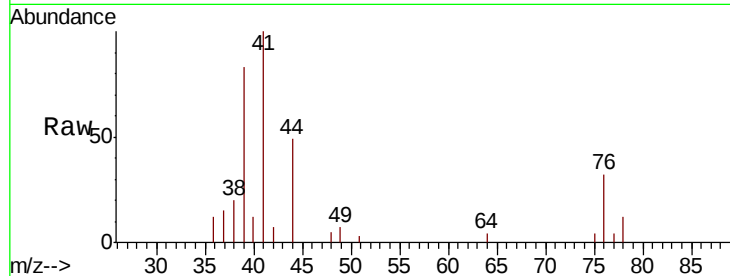




#11
Allvl Chloride
Concen: 0.631 ug/l
RT: 2.94 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU039702.D
Acq: 29 Jul 2020 14:02

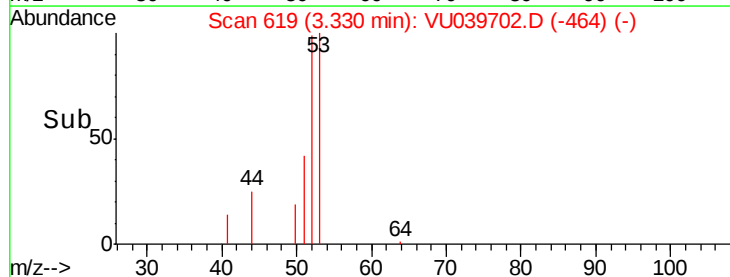
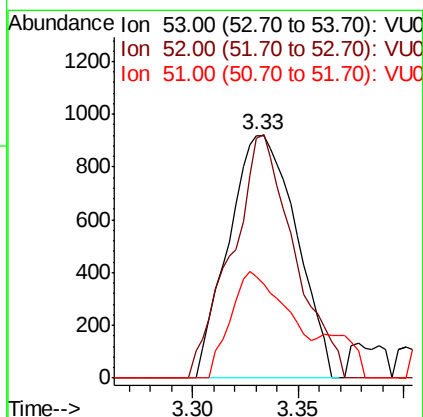
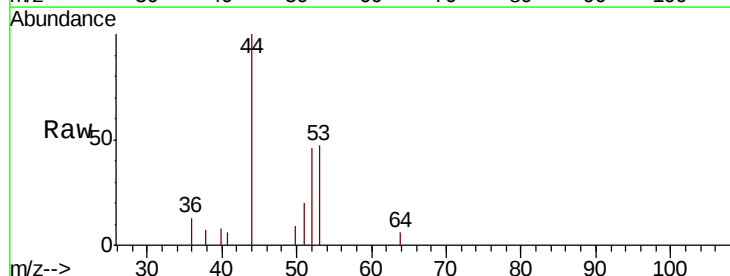
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tot Ion: 41 Resp: 6562
Ion Ratio Lower Upper
41 100
39 84.7 64.2 96.2



#12
Acrylonitrile
Concen: 1.306 ug/l
RT: 3.33 min Scan# 619
Delta R.T. -0.00 min
Lab File: VU039702.D
Acq: 29 Jul 2020 14:02

Tgt Ion: 53 Resp: 2037
Ion Ratio Lower Upper
53 100
52 92.9 69.1 103.7
51 37.4 29.4 44.2





#13

Acetone

Concen: 4.321 ug/l

RT: 2.64 min Scan# 404

Delta R.T. 0.00 min

Lab File: VU039702.D

Acq: 29 Jul 2020 14:02

Instrument :

MSVOA_U

ClientSampleId :

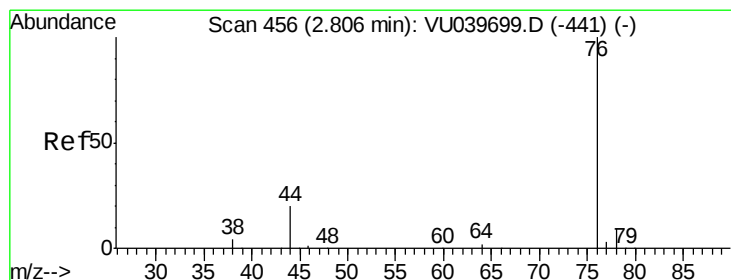
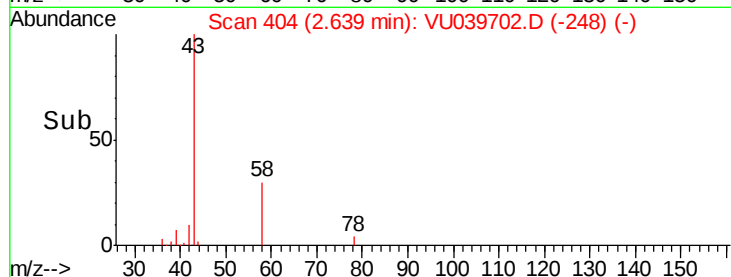
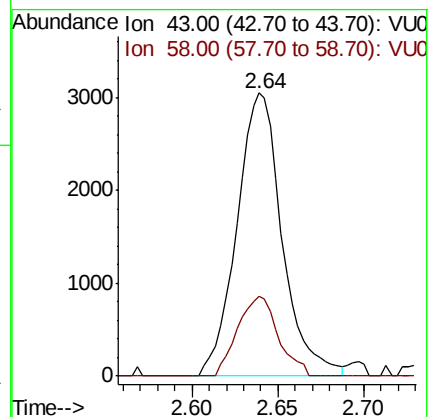
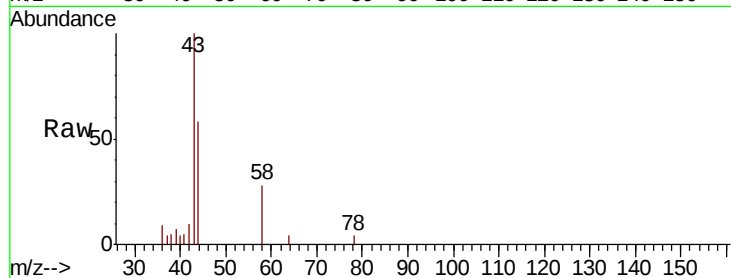
VSTDIC0.5

Tot Ion: 43 Resp: 5580

Ion Ratio Lower Upper

43 100

58 28.4 21.8 32.6



#14

Carbon Disulfide

Concen: 0.537 ug/l

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU039702.D

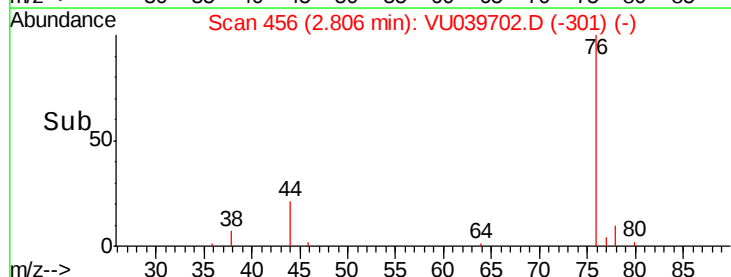
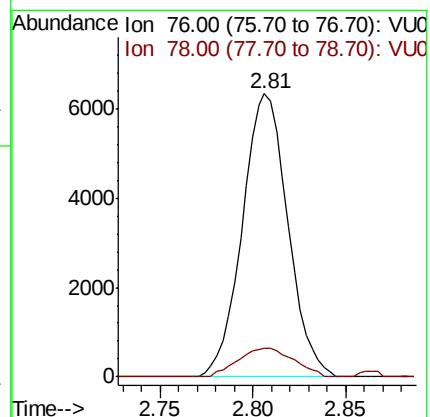
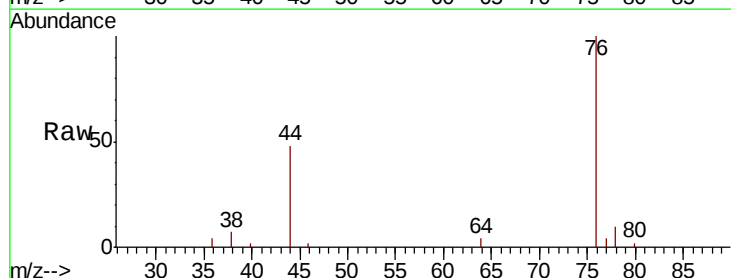
Acq: 29 Jul 2020 14:02

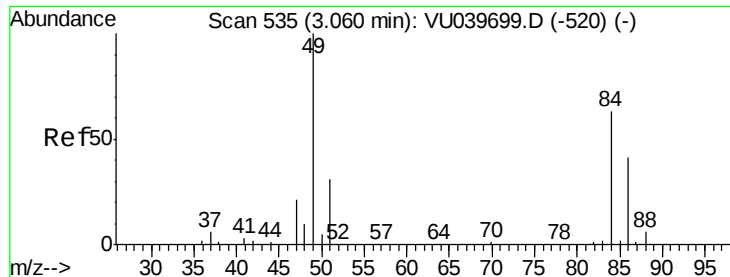
Tgt Ion: 76 Resp: 10766

Ion Ratio Lower Upper

76 100

78 10.1 7.0 10.6

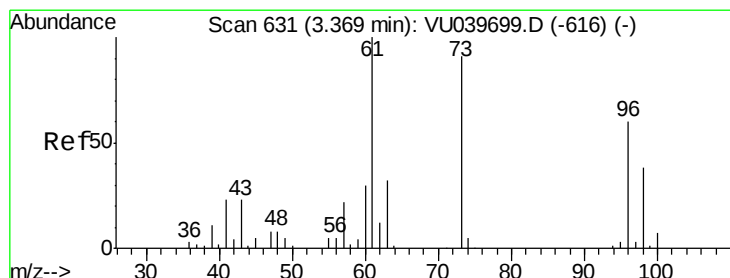
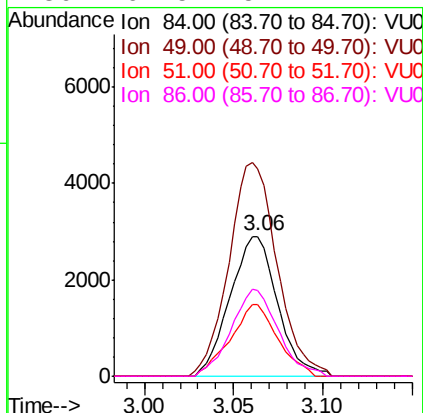
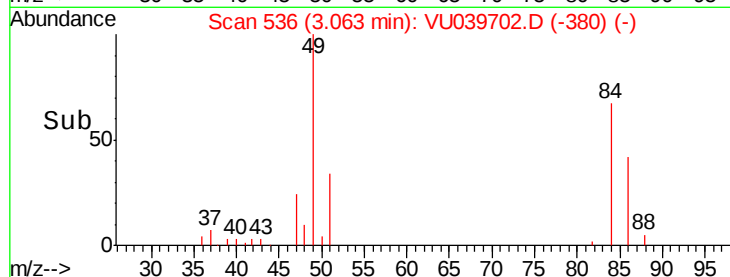
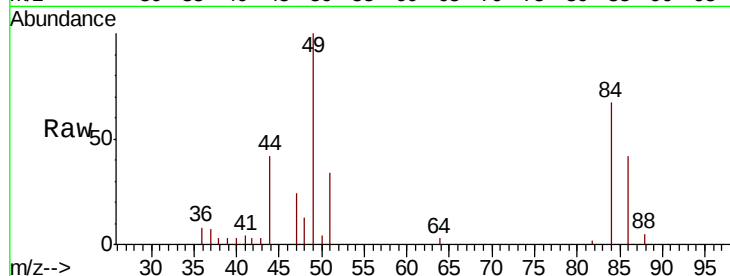




#15
Methvlene Chloride
Concen: 0.706 ug/l
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU039702.D
Acq: 29 Jul 2020 14:02

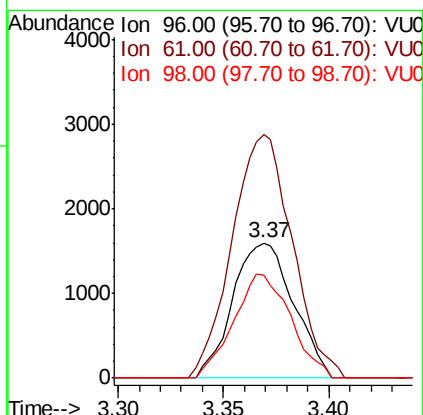
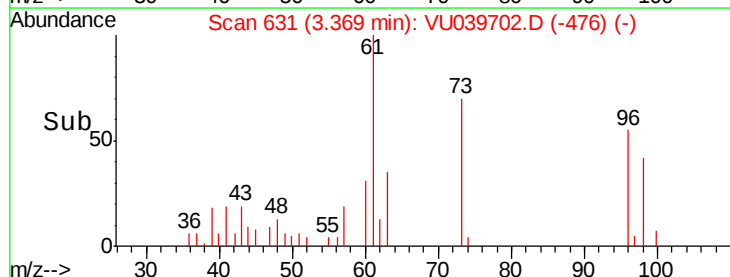
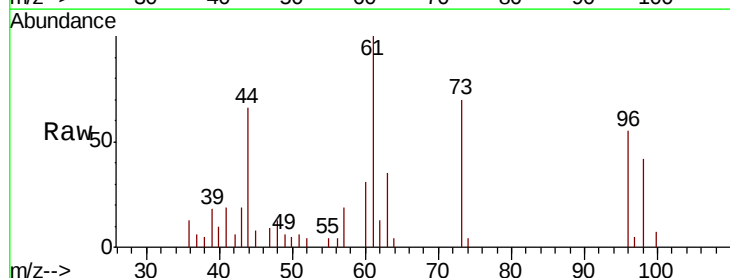
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

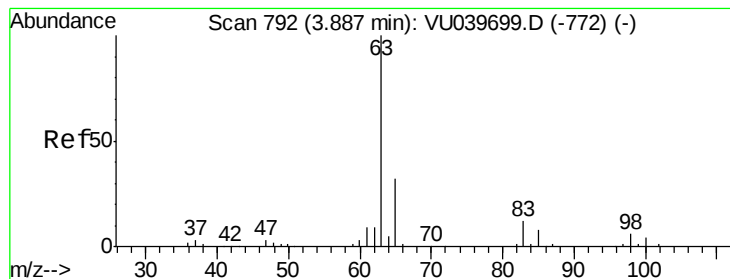
Tot Ion: 84 Resp: 5381
Ion Ratio Lower Upper
84 100
49 148.2 126.8 190.2
51 50.9 0.0 97.2
86 61.5 51.4 77.2



#16
trans-1,2-Dichloroethene
Concen: 0.530 ug/l
RT: 3.37 min Scan# 631
Delta R.T. -0.00 min
Lab File: VU039702.D
Acq: 29 Jul 2020 14:02

Tgt Ion: 96 Resp: 3190
Ion Ratio Lower Upper
96 100
61 180.4 132.6 199.0
98 76.1 50.2 75.2#

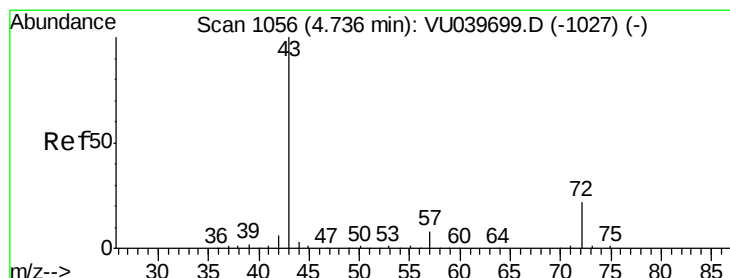
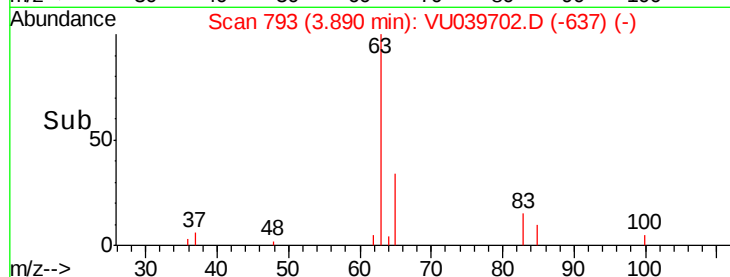
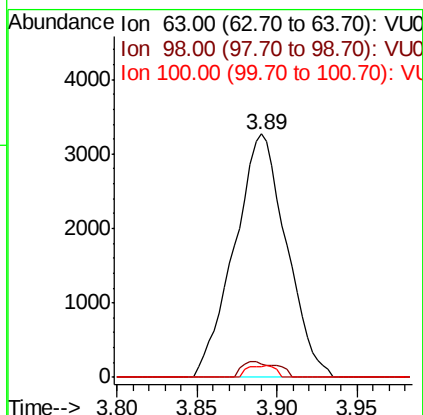
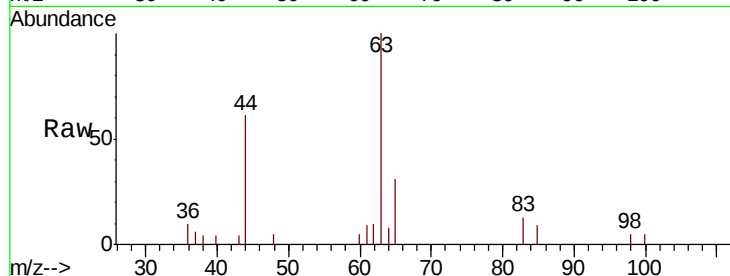




#17
 1,1-Dichloroethane
 Concen: 0.618 ug/l
 RT: 3.89 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: VU039702.D
 Acq: 29 Jul 2020 14:02

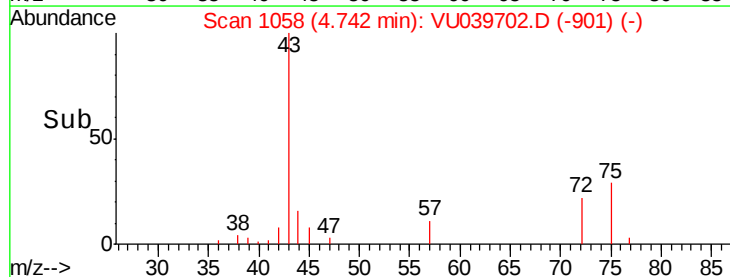
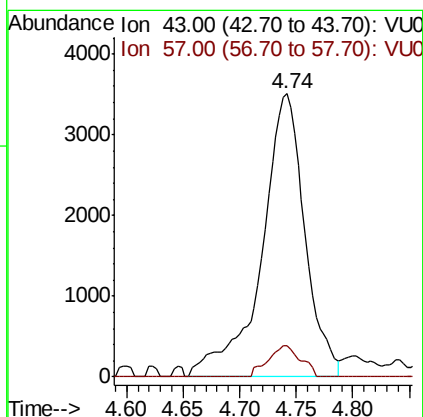
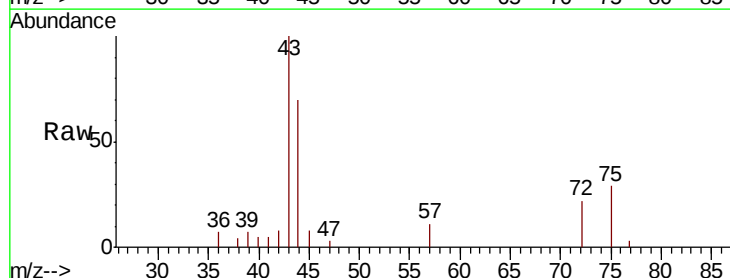
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

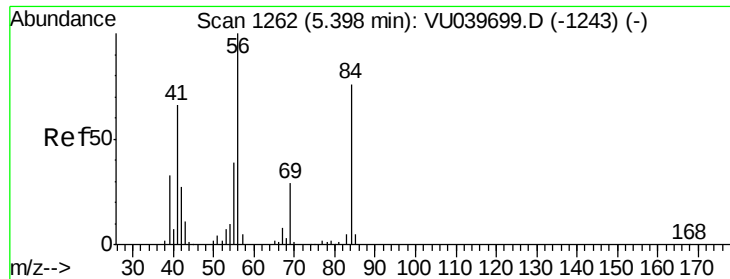
Tot Ion	Ratio	Lower	Upper
63	100		
98	5.3	2.9	8.7
100	4.6	2.0	6.0



#18
 2-Butanone
 Concen: 4.668 ug/l
 RT: 4.74 min Scan# 1058
 Delta R.T. 0.01 min
 Lab File: VU039702.D
 Acq: 29 Jul 2020 14:02

Tgt Ion	Ratio	Lower	Upper
43	100		
57	11.0	0.0	15.2

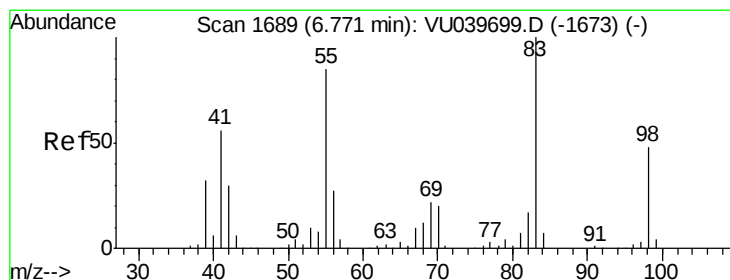
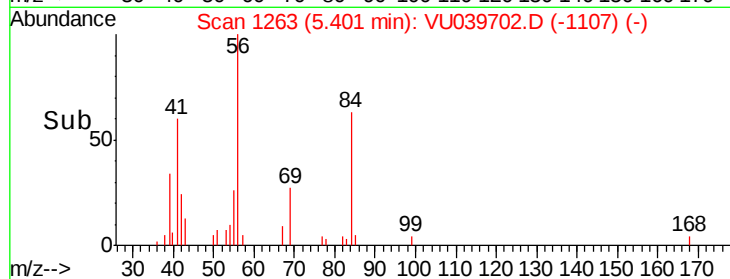
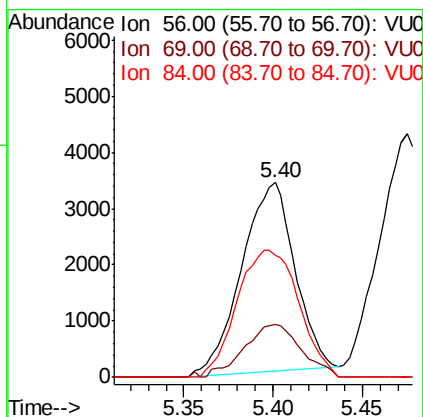
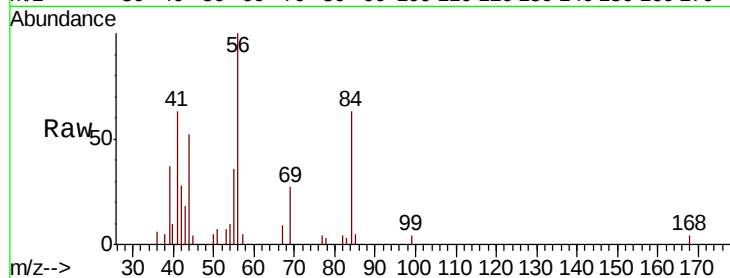




#19
Cyclohexane
Concen: 0.621 ug/l
RT: 5.40 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VU039702.D
Acq: 29 Jul 2020 14:02

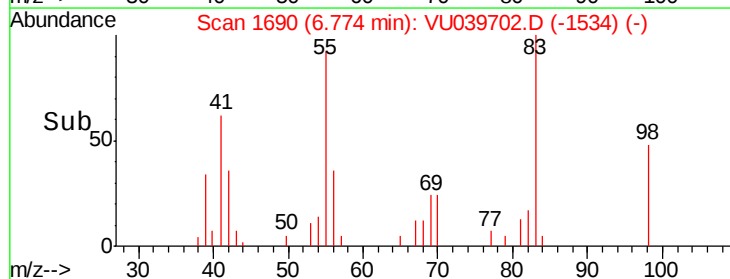
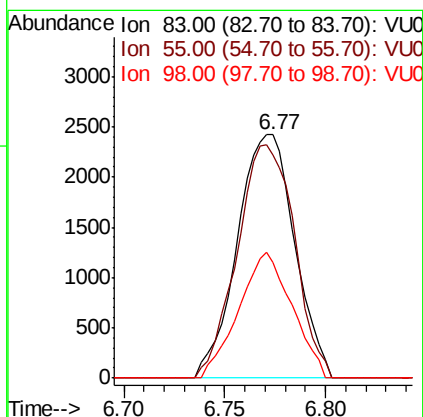
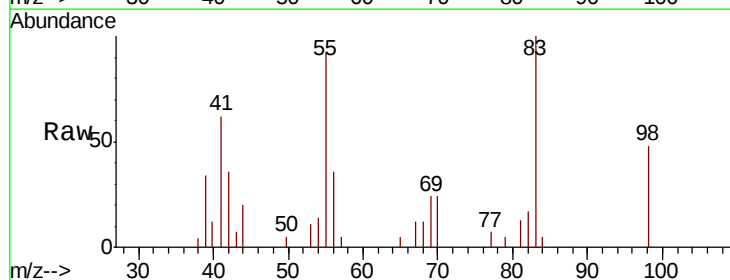
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

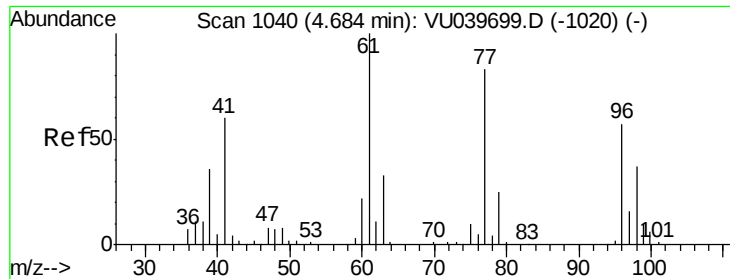
Tot Ion: 56 Resp: 7024
Ion Ratio Lower Upper
56 100
69 29.8 22.8 34.2
84 77.6 59.9 89.9



#20
Methylcyclohexane
Concen: 0.450 ug/l
RT: 6.77 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VU039702.D
Acq: 29 Jul 2020 14:02

Tgt Ion: 83 Resp: 4819
Ion Ratio Lower Upper
83 100
55 95.5 67.6 101.4
98 47.8 37.3 55.9

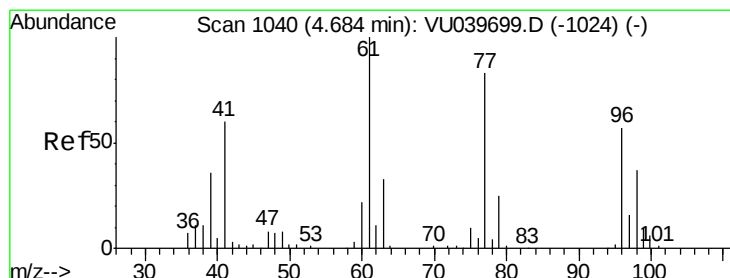
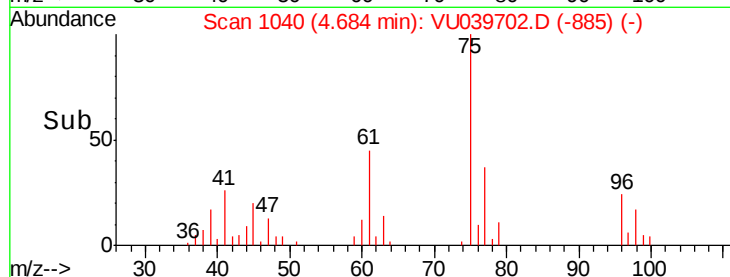
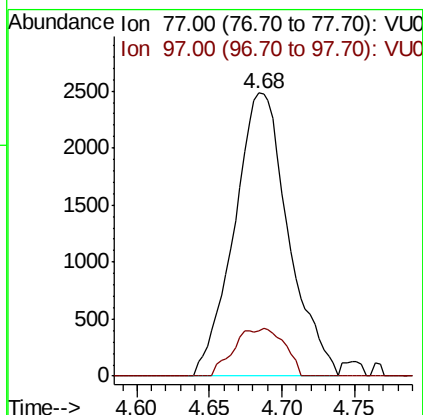
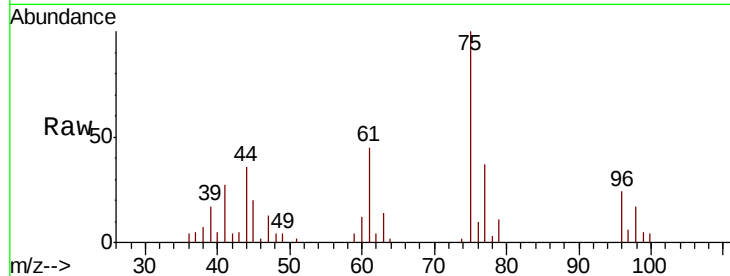




#21
 2,2-Dichloropropane
 Concen: 0.664 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: VU039702.D
 Acq: 29 Jul 2020 14:02

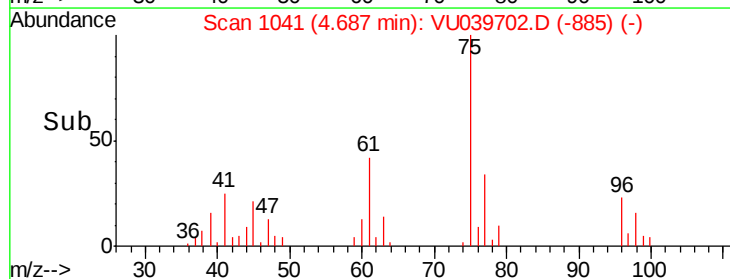
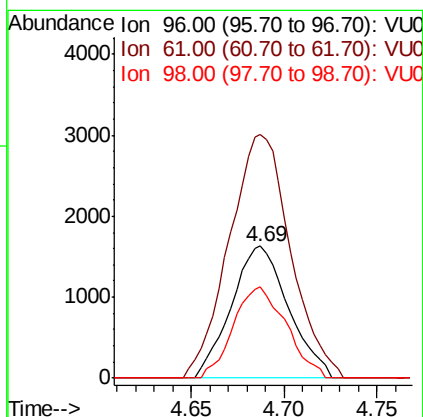
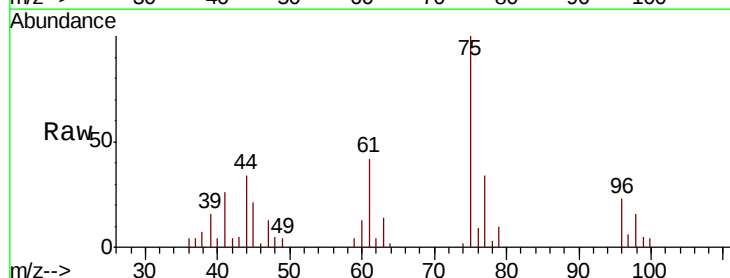
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

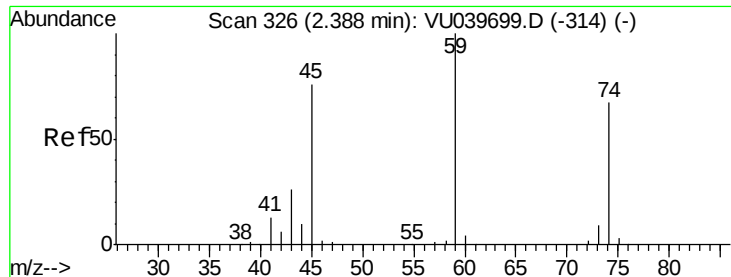
Tot Ion: 77 Resp: 6452
 Ion Ratio Lower Upper
 77 100
 97 15.6 15.2 22.8



#22
 cis-1,2-Dichloroethene
 Concen: 0.548 ug/l
 RT: 4.69 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: VU039702.D
 Acq: 29 Jul 2020 14:02

Tgt Ion: 96 Resp: 3497
 Ion Ratio Lower Upper
 96 100
 61 197.5 0.0 451.3
 98 63.8 32.6 98.0

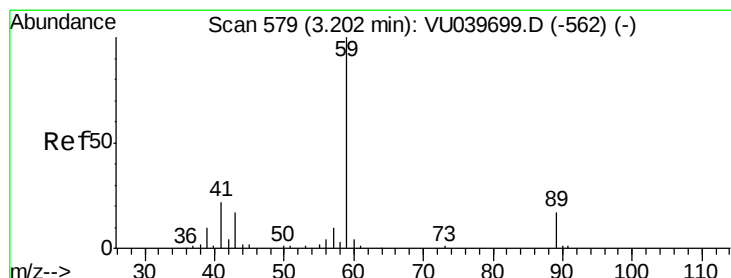
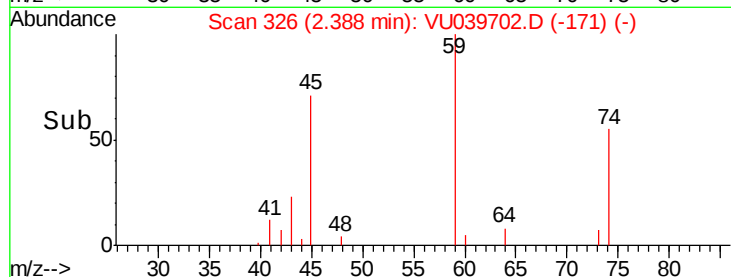
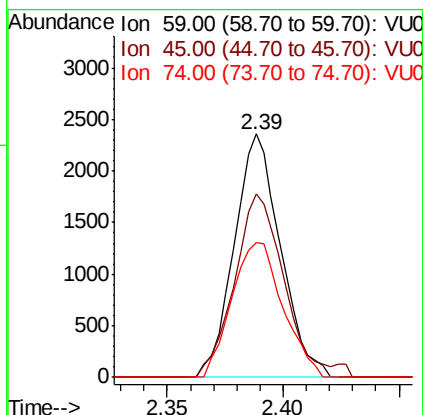
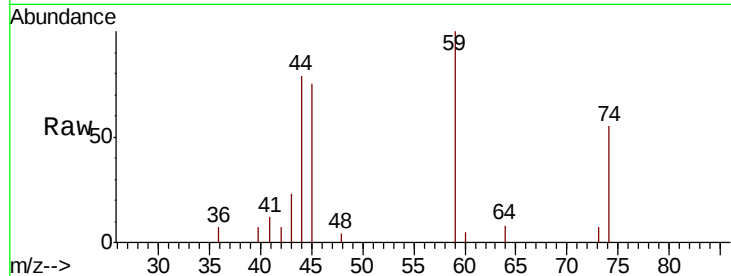




#23
Diethyl Ether
Concen: 0.661 ug/l
RT: 2.39 min Scan# 326
Delta R.T. -0.00 min
Lab File: VU039702.D
Acq: 29 Jul 2020 14:02

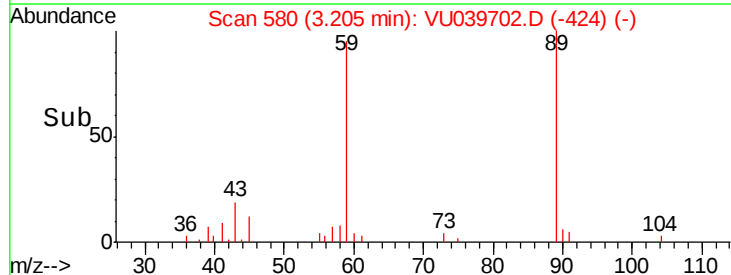
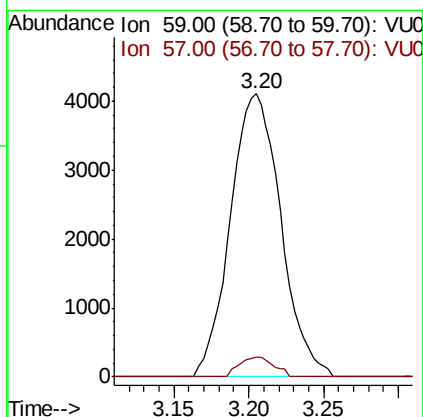
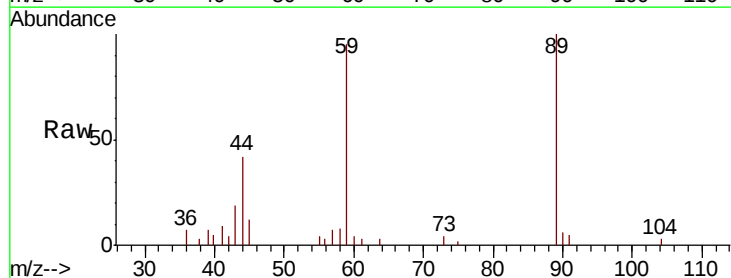
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

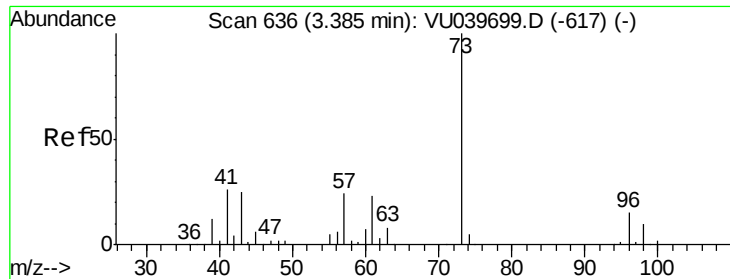
Tot Ion: 59 Resp: 3255
Ion Ratio Lower Upper
59 100
45 81.8 61.5 92.3
74 61.3 54.3 81.5



#24
tert-Butyl Alcohol
Concen: 17.161 ug/l
RT: 3.20 min Scan# 580
Delta R.T. 0.00 min
Lab File: VU039702.D
Acq: 29 Jul 2020 14:02

Tgt Ion: 59 Resp: 9629
Ion Ratio Lower Upper
59 100
57 4.8 7.8 11.6#



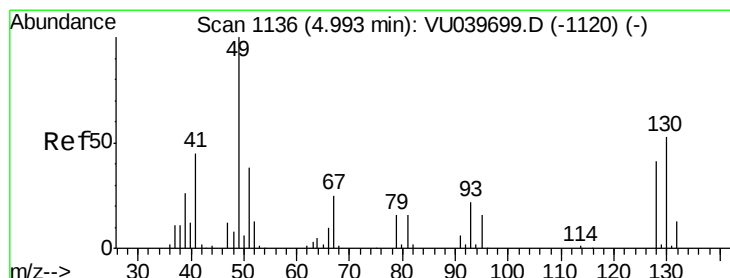
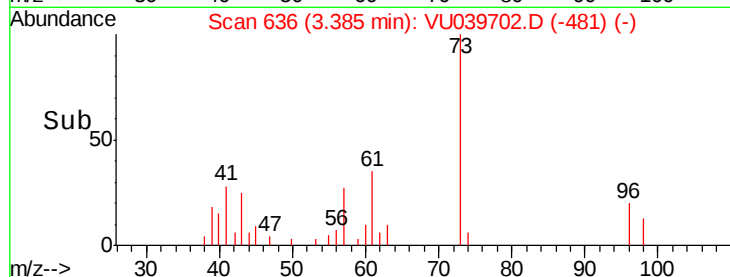
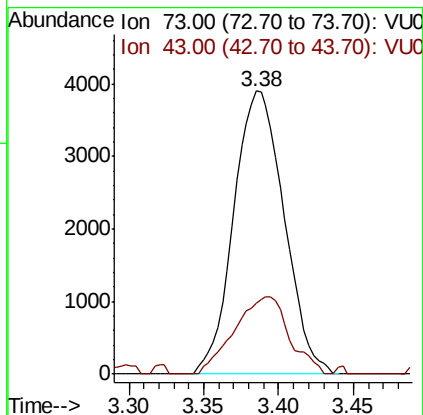
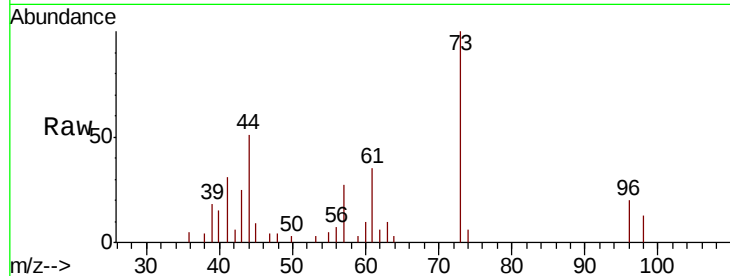


#25

Methyl tert-Butyl Ether
 Concen: 0.588 ug/l
 RT: 3.38 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: VU039702.D
 Acq: 29 Jul 2020 14:02

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

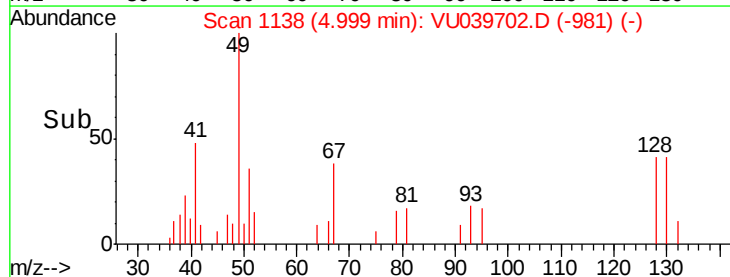
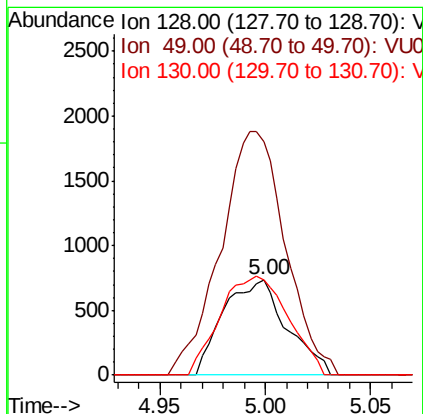
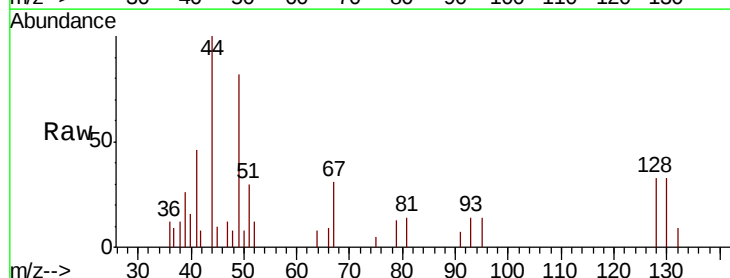
Tot Ion: 73 Resp: 9129
 Ion Ratio Lower Upper
 73 100
 43 29.8 20.1 30.1

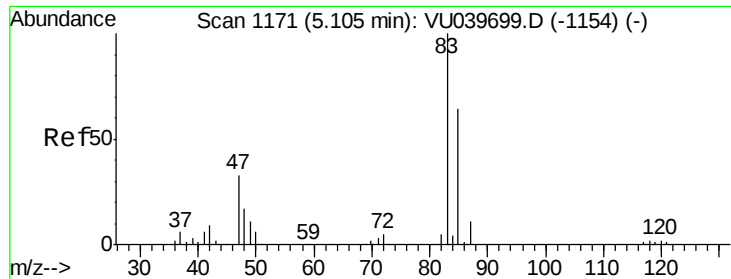


#26

Bromochloromethane
 Concen: 0.600 ug/l
 RT: 5.00 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VU039702.D
 Acq: 29 Jul 2020 14:02

Tgt Ion: 128 Resp: 1545
 Ion Ratio Lower Upper
 128 100
 49 260.1 0.0 503.8
 130 110.7 102.7 154.1

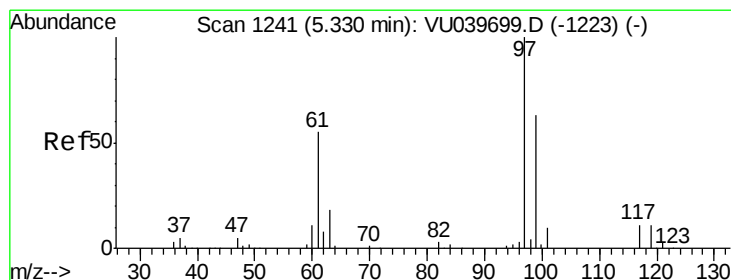
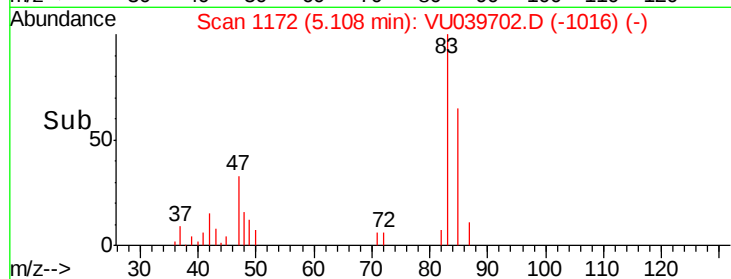
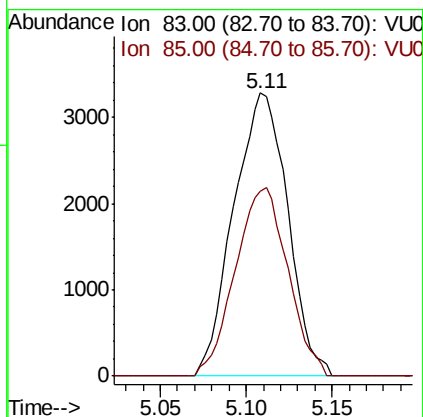
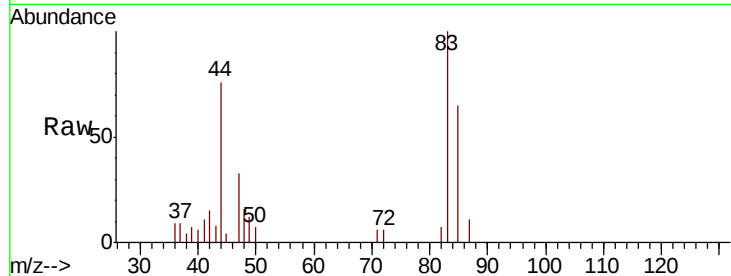




#27
Chloroform
Concen: 0.651 ug/l
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU039702.D
Acq: 29 Jul 2020 14:02

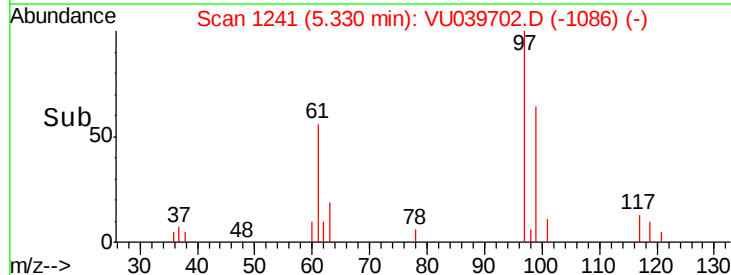
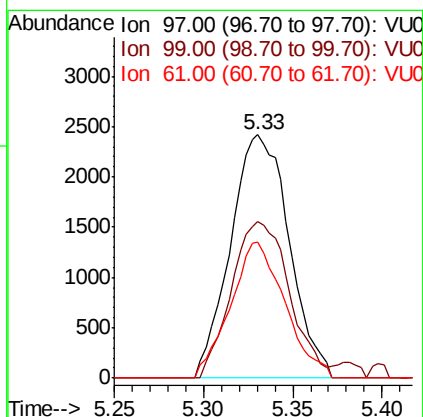
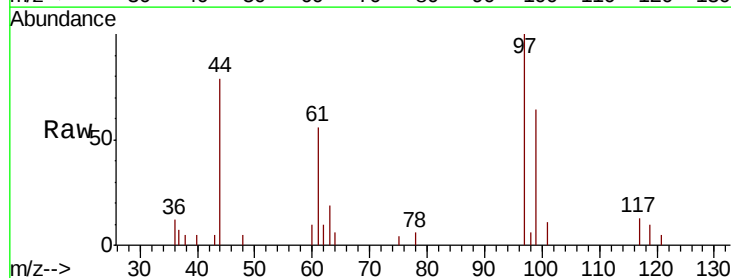
Instrument :
MSVOA_U
ClientSampled :
VSTDIC0.5

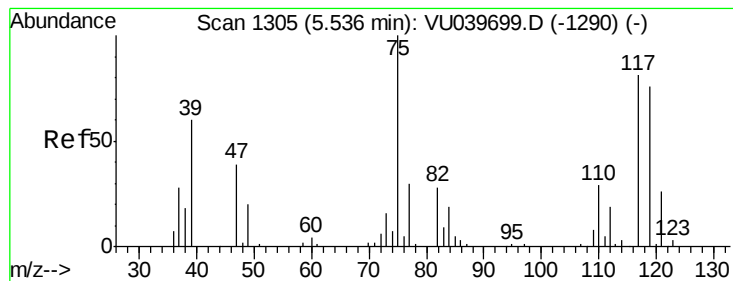
Tot Ion: 83 Resp: 7157
Ion Ratio Lower Upper
83 100
85 65.2 0.0 128.8



#28
1,1,1-Trichloroethane
Concen: 0.613 ug/l
RT: 5.33 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VU039702.D
Acq: 29 Jul 2020 14:02

Tgt Ion: 97 Resp: 5522
Ion Ratio Lower Upper
97 100
99 63.7 32.2 96.6
61 51.9 28.3 85.0





#29

1,1-Dichloropropene

Concen: 0.596 ug/l

RT: 5.54 min Scan# 1305

Delta R.T. -0.00 min

Lab File: VU039702.D

Acq: 29 Jul 2020 14:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

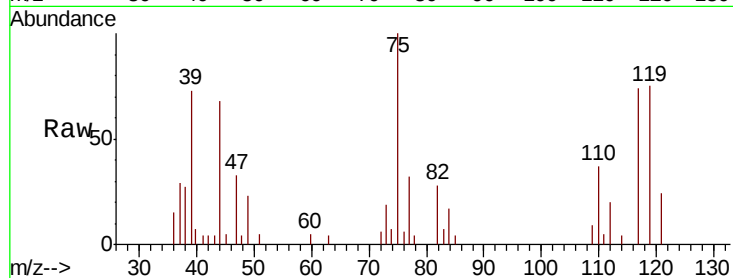
Tot Ion: 75 Resp: 5360

Ion Ratio Lower Upper

75 100

110 32.1 14.6 44.0

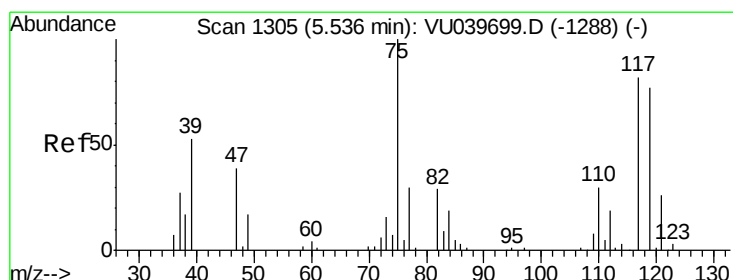
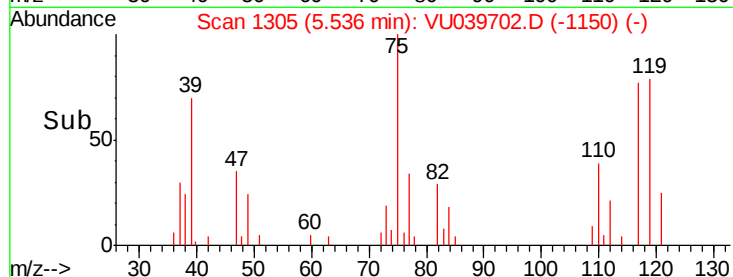
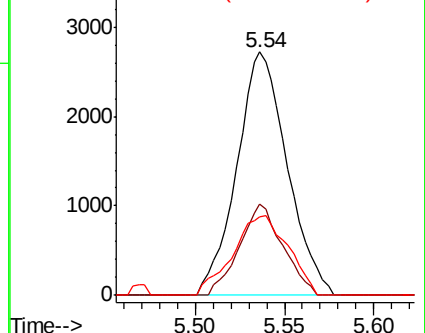
77 35.8 25.0 37.4



Abundance Ion 75.00 (74.70 to 75.70): VU039699.D (-1290) (-)

Ion 110.00 (109.70 to 110.70): VU039699.D (-1290) (-)

Ion 77.00 (76.70 to 77.70): VU039699.D (-1290) (-)



#30

Carbon Tetrachloride

Concen: 0.601 ug/l

RT: 5.53 min Scan# 1304

Delta R.T. -0.00 min

Lab File: VU039702.D

Acq: 29 Jul 2020 14:02

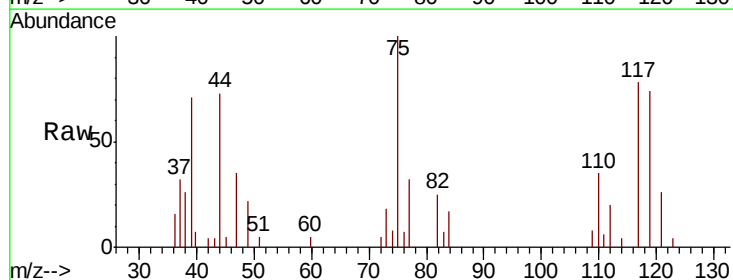
Tgt Ion: 117 Resp: 4518

Ion Ratio Lower Upper

117 100

119 95.5 75.2 112.8

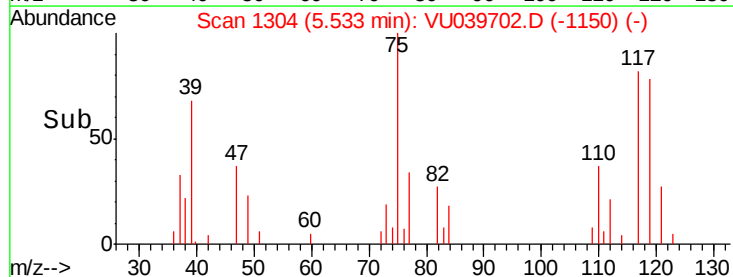
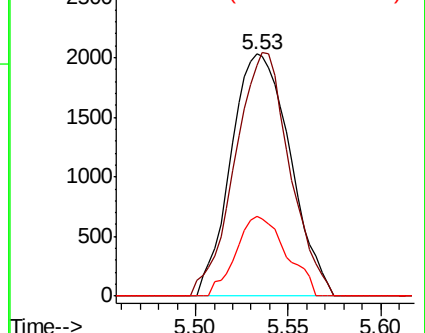
121 32.9 25.4 38.2

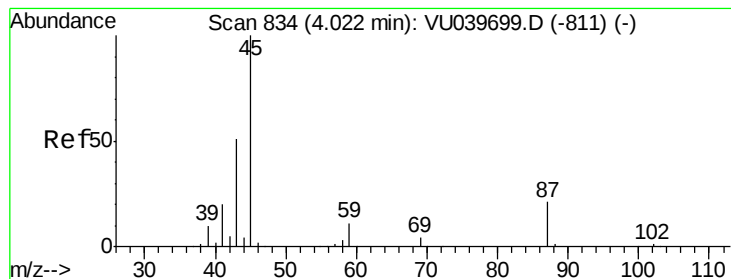


Abundance Ion 117.00 (116.70 to 117.70): VU039699.D (-1288) (-)

Ion 119.00 (118.70 to 119.70): VU039699.D (-1288) (-)

Ion 121.00 (120.70 to 121.70): VU039699.D (-1288) (-)





#31

Isopropyl Ether

Concen: 0.700 ug/l

RT: 4.03 min Scan# 836

Delta R.T. 0.01 min

Lab File: VU039702.D

Acq: 29 Jul 2020 14:02

Instrument :

MSVOA_U

ClientSampleId :

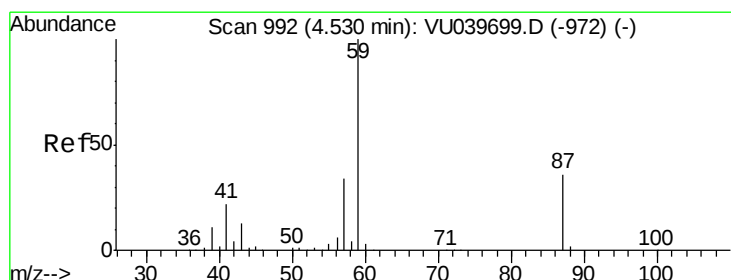
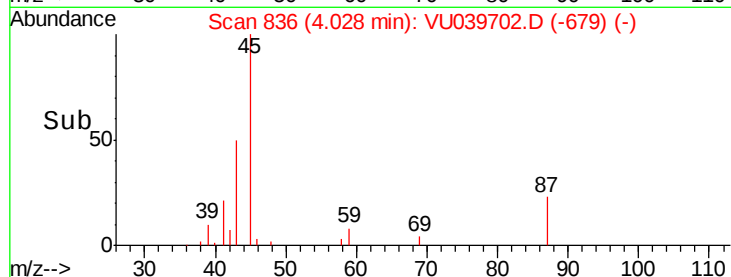
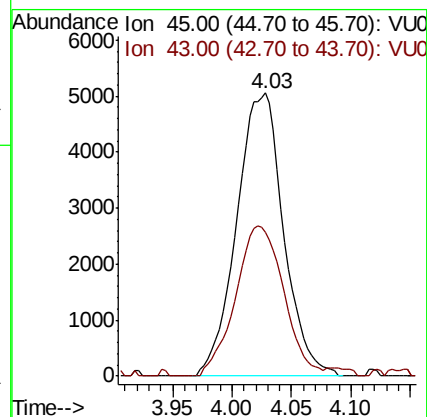
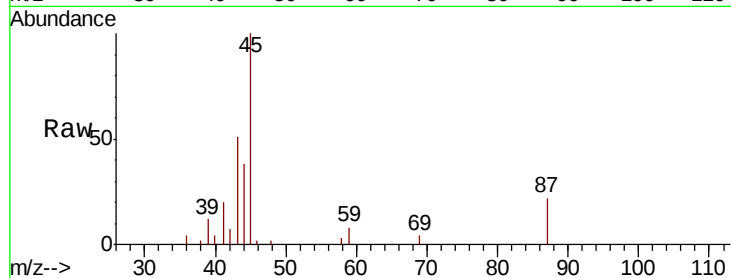
VSTDIC0.5

Tot Ion: 45 Resp: 13793

Ion Ratio Lower Upper

45 100

43 54.4 26.5 79.4



#32

Ethyl-t-butyl ether

Concen: 0.637 ug/l

RT: 4.53 min Scan# 992

Delta R.T. -0.00 min

Lab File: VU039702.D

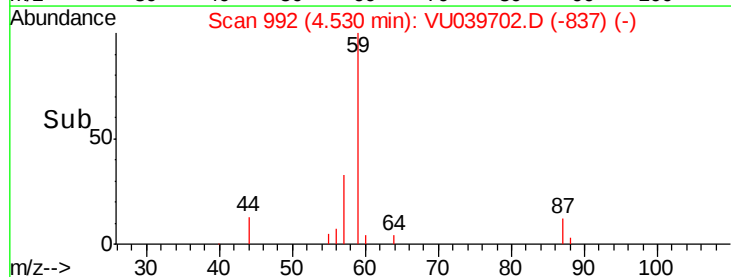
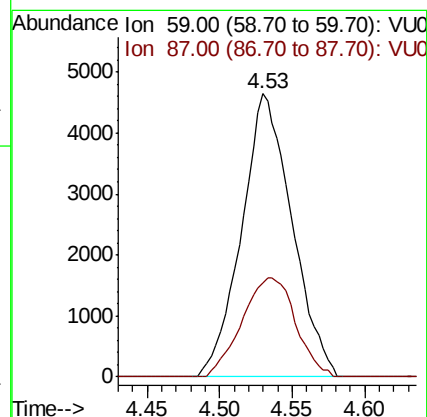
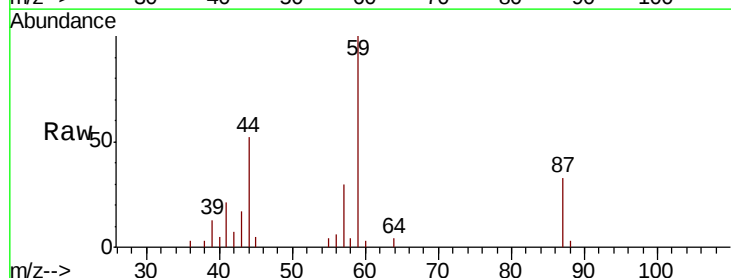
Acq: 29 Jul 2020 14:02

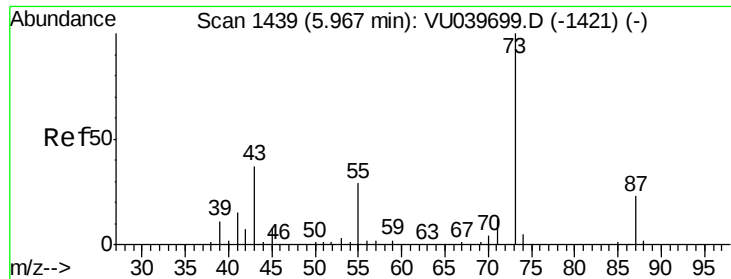
Tgt Ion: 59 Resp: 11196

Ion Ratio Lower Upper

59 100

87 37.3 29.4 44.0

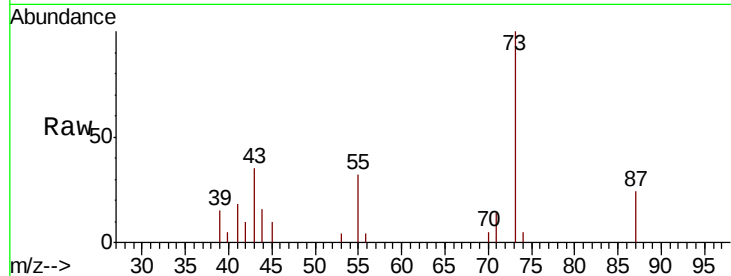




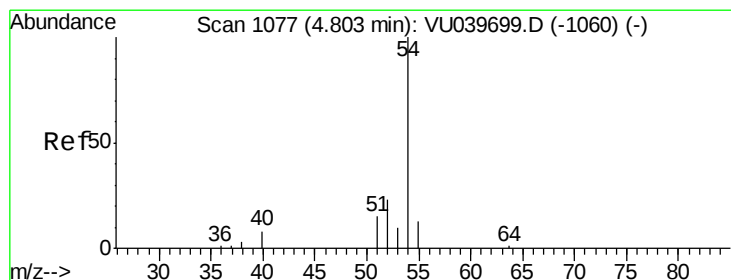
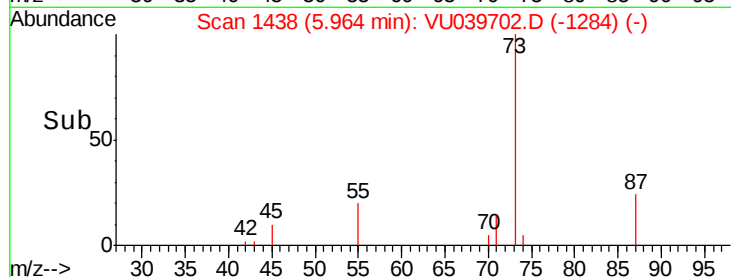
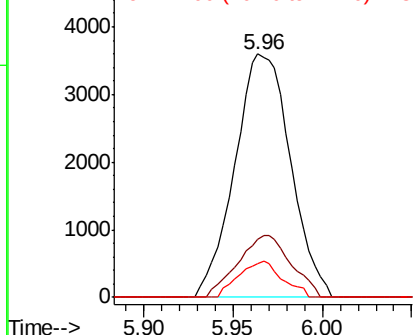
#33
Tert-Butyl methyl ether
Concen: 0.533 ug/l
RT: 5.96 min Scan# 1438
Delta R.T. -0.00 min
Lab File: VU039702.D
Acq: 29 Jul 2020 14:02

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tot Ion: 73 Resp: 7832
Ion Ratio Lower Upper
73 100
87 24.2 18.7 28.1
71 11.6 9.1 13.7

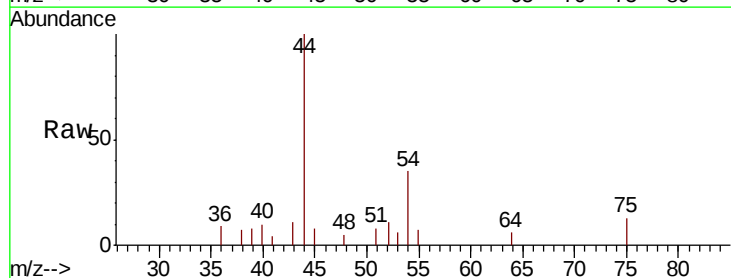


Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

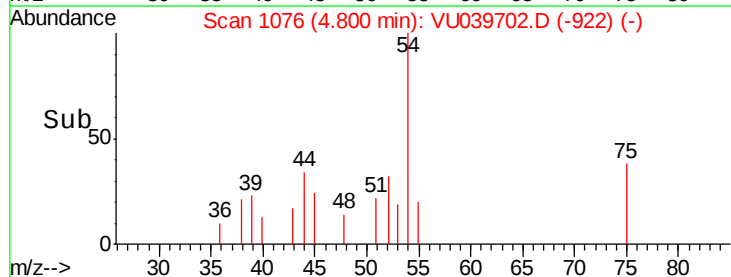
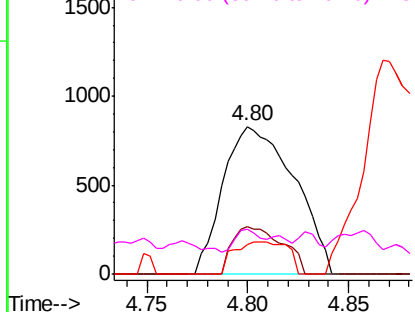


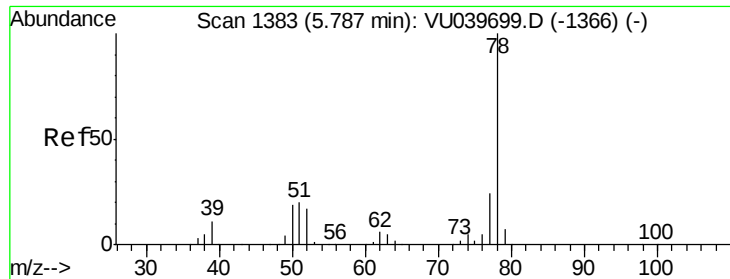
#34
Propionitrile
Concen: 3.680 ug/l
RT: 4.80 min Scan# 1076
Delta R.T. -0.00 min
Lab File: VU039702.D
Acq: 29 Jul 2020 14:02

Tgt Ion: 54 Resp: 2037
Ion Ratio Lower Upper
54 100
52 22.7 16.9 25.3
55 16.6 12.9 19.3
40 5.7 6.2 9.2#



Abundance Ion 54.00 (53.70 to 54.70): VU0
Ion 52.00 (51.70 to 52.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 40.00 (39.70 to 40.70): VU0





#35

Benzene

Concen: 0.536 ug/l

RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VU039702.D

Acq: 29 Jul 2020 14:02

Instrument :

MSVOA_U

ClientSampleId :

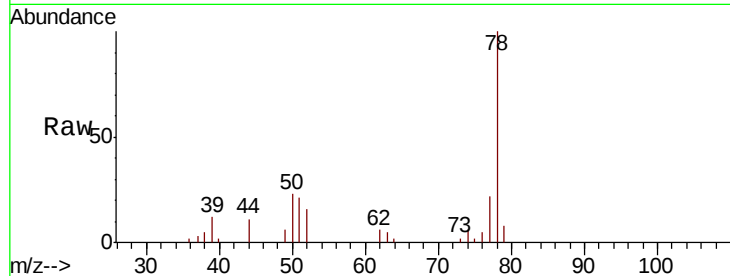
VSTDIC0.5

Tot Ion: 78 Resp: 13216

Ion Ratio Lower Upper

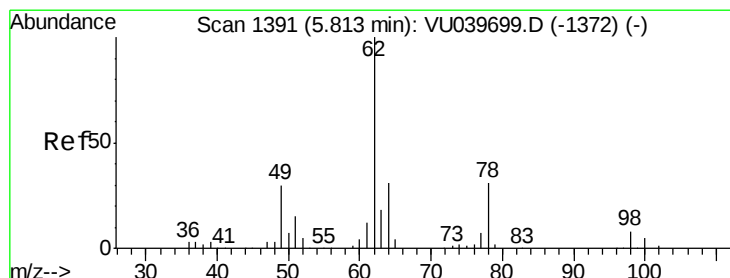
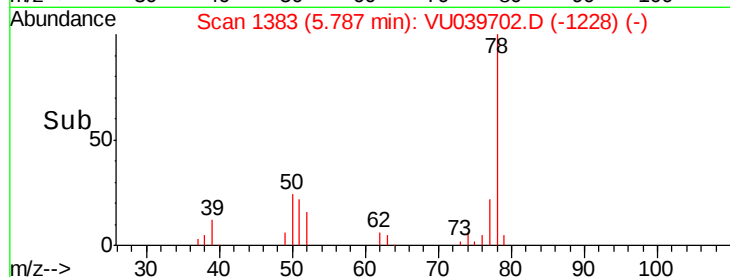
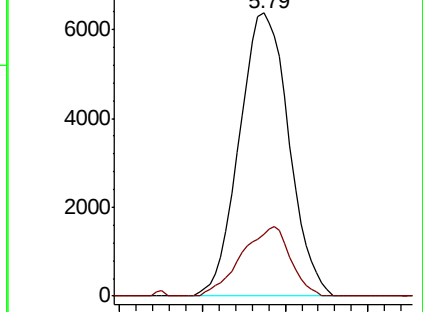
78 100

77 22.1 19.2 28.8



Abundance Ion 78.10 (77.80 to 78.80): VU039699.D (-1366) (-)

Ion 77.00 (76.70 to 77.70): VU039699.D (-1366) (-)



#36

1,2-Dichloroethane

Concen: 0.620 ug/l

RT: 5.82 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VU039702.D

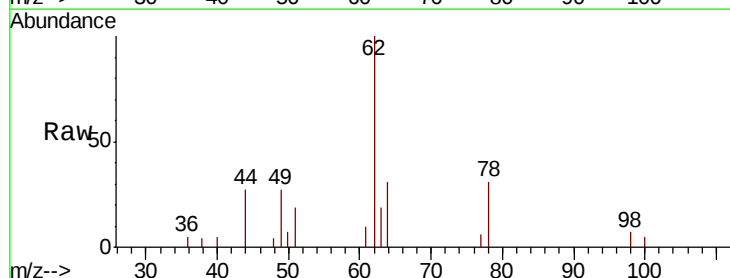
Acq: 29 Jul 2020 14:02

Tgt Ion: 62 Resp: 4729

Ion Ratio Lower Upper

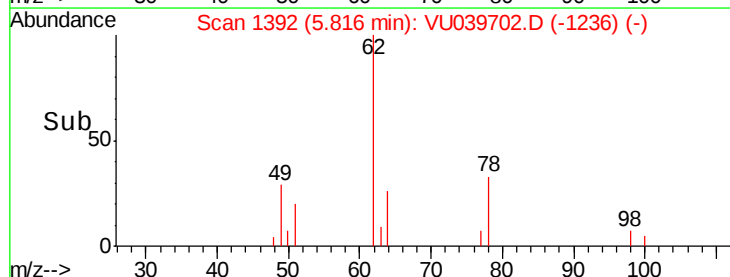
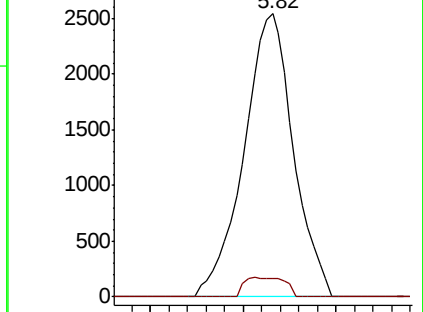
62 100

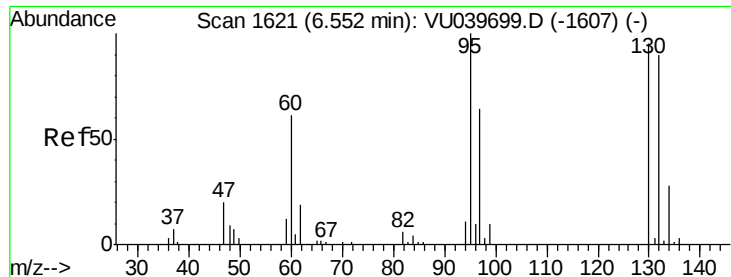
98 5.6 6.2 9.2#



Abundance Ion 62.00 (61.70 to 62.70): VU039699.D (-1372) (-)

Ion 98.00 (97.70 to 98.70): VU039699.D (-1372) (-)

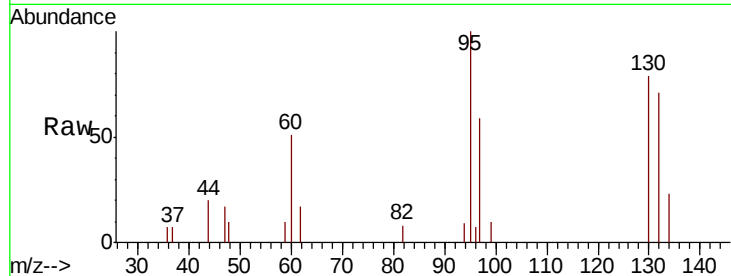




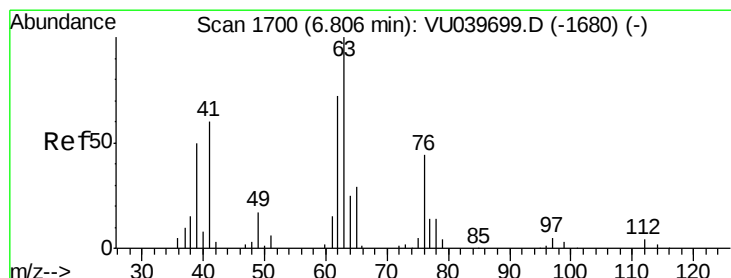
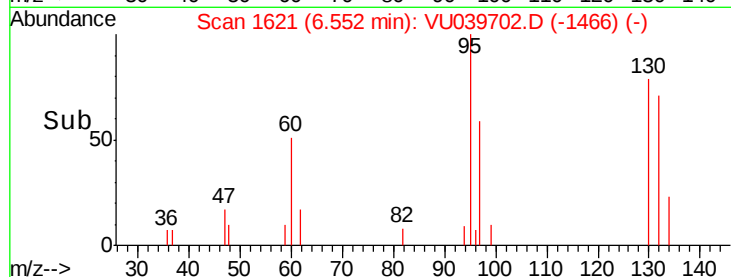
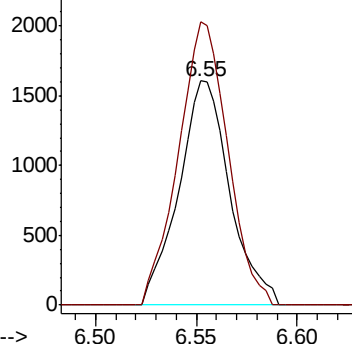
#37
 Trichloroethene
 Concen: 0.445 ug/l
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU039702.D
 Acq: 29 Jul 2020 14:02

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tot Ion:130 Resp: 2843
 Ion Ratio Lower Upper
 130 100
 95 126.2 84.3 126.5

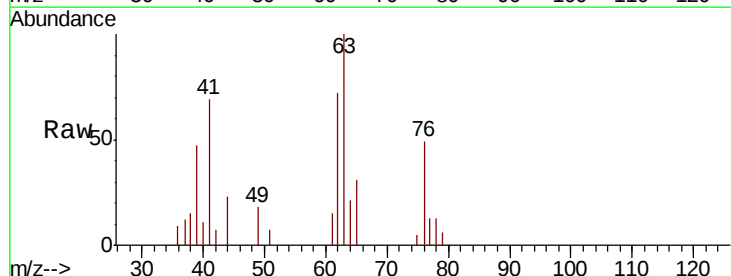


Abundance Ion 129.90 (129.60 to 130.60): VU039699.D (-1607) (-)
 Ion 94.90 (94.60 to 95.60): VU039699.D (-1607) (-)

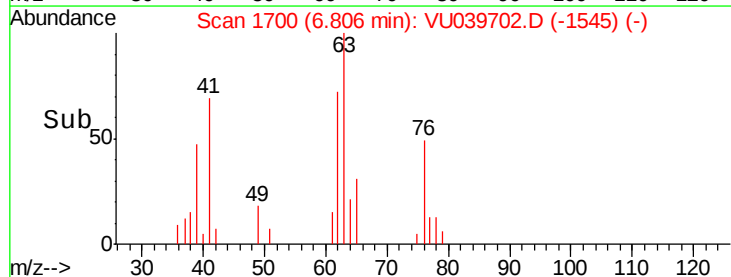
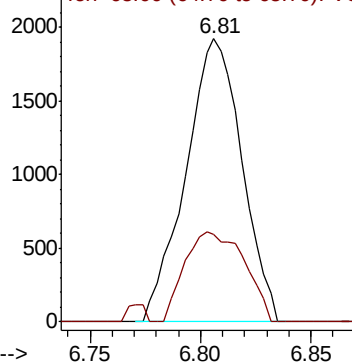


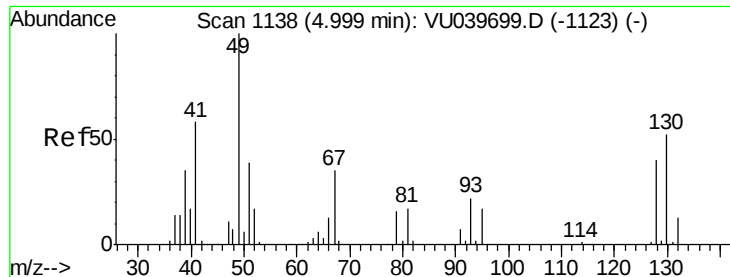
#38
 1,2-Dichloropropane
 Concen: 0.504 ug/l
 RT: 6.81 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: VU039702.D
 Acq: 29 Jul 2020 14:02

Tgt Ion: 63 Resp: 3397
 Ion Ratio Lower Upper
 63 100
 65 30.9 23.8 35.6



Abundance Ion 63.00 (62.70 to 63.70): VU039699.D (-1680) (-)
 Ion 65.00 (64.70 to 65.70): VU039699.D (-1680) (-)

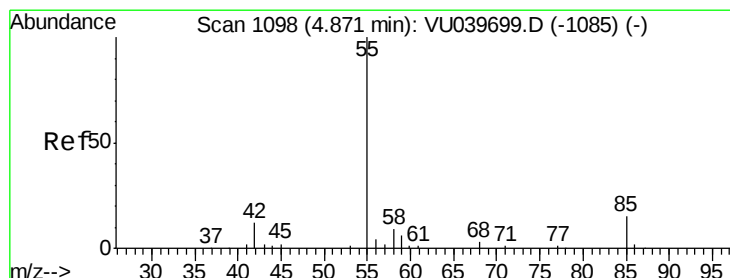
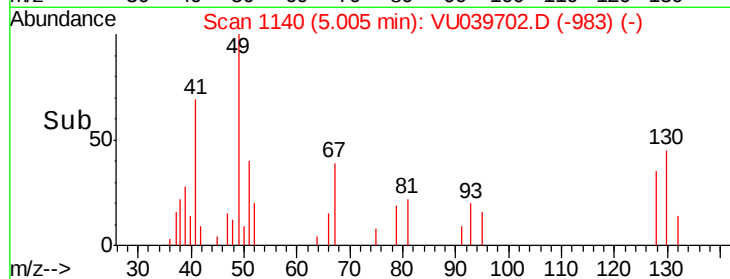
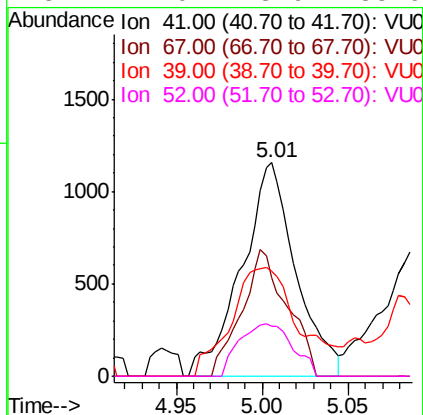
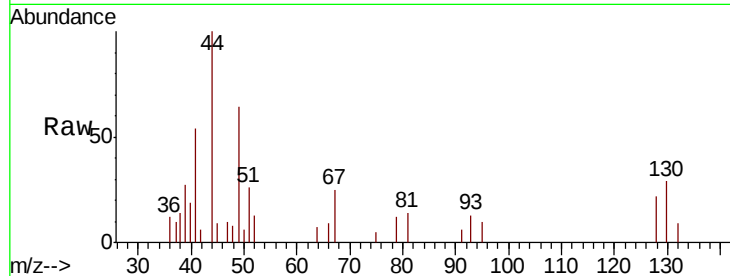




#39
Methacrylonitrile
Concen: 0.972 ug/l
RT: 5.01 min Scan# 1140
Delta R.T. 0.01 min
Lab File: VU039702.D
Acq: 29 Jul 2020 14:02

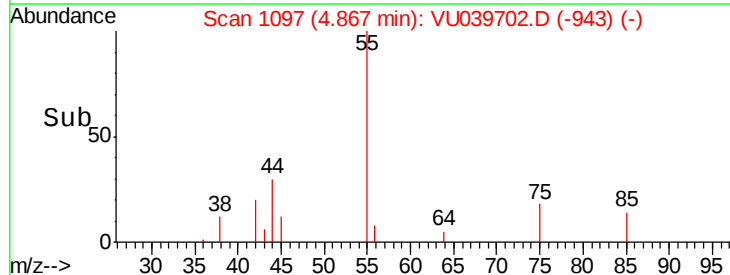
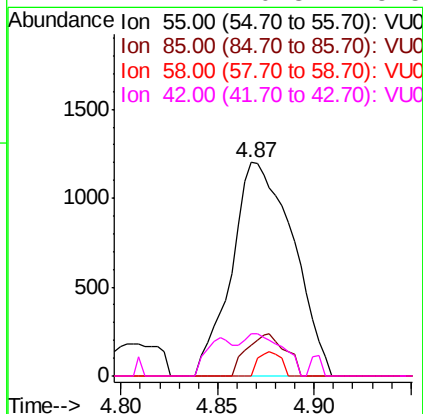
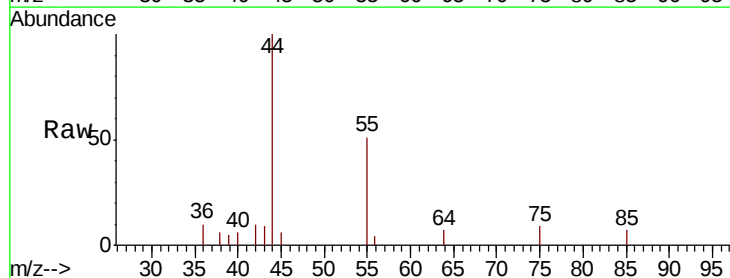
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

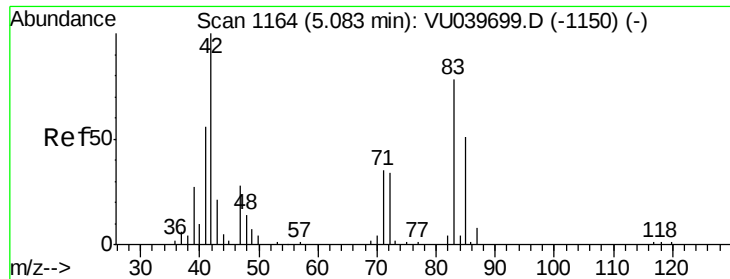
Tot Ion:	41	Resp:	2540
Ion	Ratio	Lower	Upper
41	100		
67	49.5	48.3	72.5
39	64.8	47.6	71.4
52	24.0	23.9	35.9



#40
Methyl acrylate
Concen: 0.700 ug/l
RT: 4.87 min Scan# 1097
Delta R.T. -0.00 min
Lab File: VU039702.D
Acq: 29 Jul 2020 14:02

Tgt Ion:	55	Resp:	2657
Ion	Ratio	Lower	Upper
55	100		
85	12.3	11.4	17.0
58	4.3	7.4	11.0#
42	12.4	10.3	15.5





#41

Tetrahydrofuran

Concen: 1.861 ug/l

RT: 5.08 min Scan# 1164

Delta R.T. -0.00 min

Lab File: VU039702.D

Acq: 29 Jul 2020 14:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

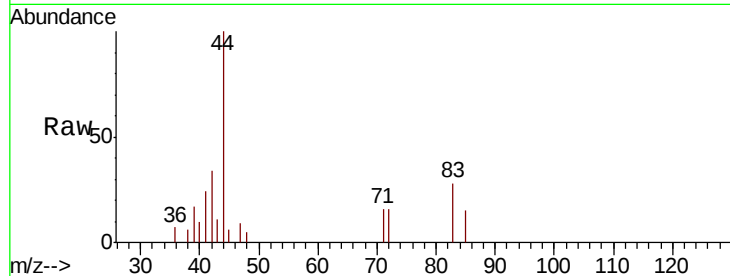
Tot Ion: 42 Resp: 2445

Ion Ratio Lower Upper

42 100

72 34.0 31.0 46.6

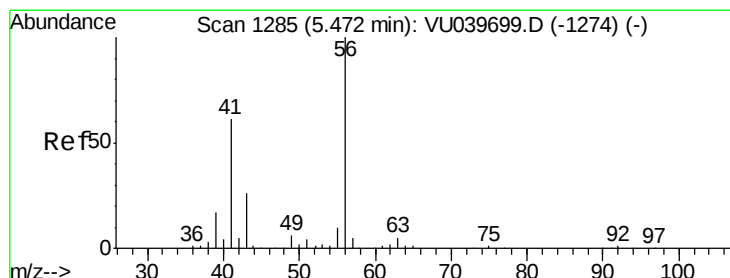
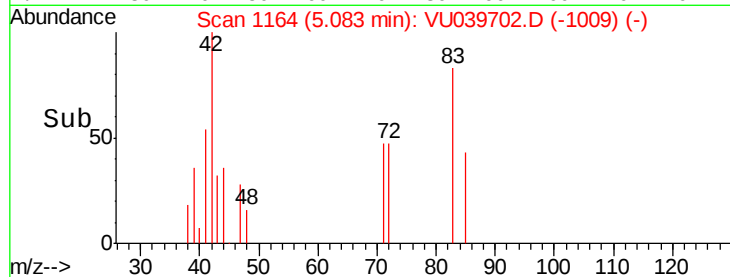
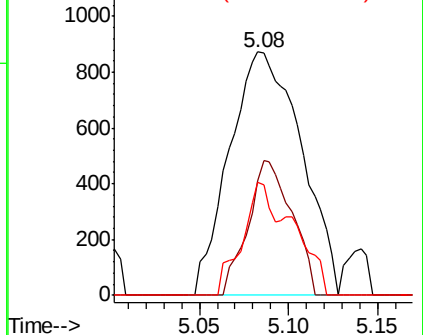
71 21.6 28.2 42.4#



Abundance Ion 42.00 (41.70 to 42.70): VU039702.D (-1099) (-)

Ion 72.00 (71.70 to 72.70): VU039702.D (-1099) (-)

Ion 71.00 (70.70 to 71.70): VU039702.D (-1099) (-)



#42

1-Chlorobutane

Concen: 0.654 ug/l

RT: 5.47 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU039702.D

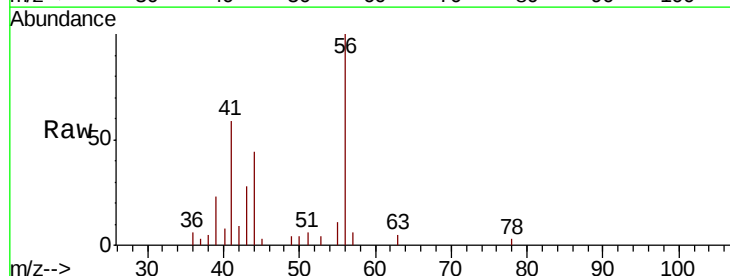
Acq: 29 Jul 2020 14:02

Tgt Ion: 56 Resp: 8622

Ion Ratio Lower Upper

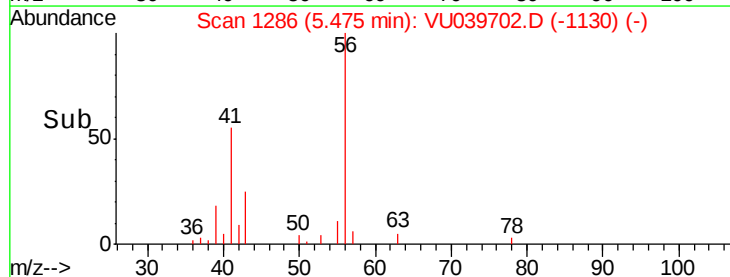
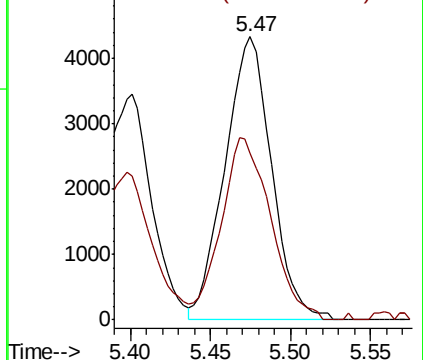
56 100

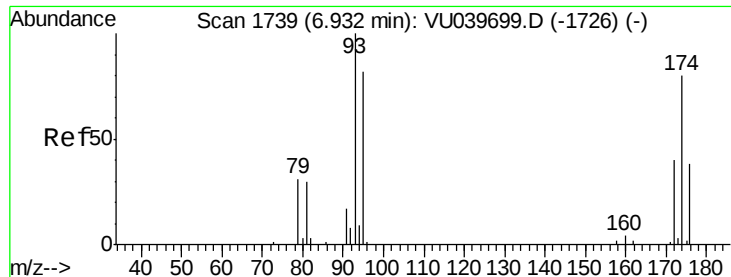
41 68.7 30.5 91.5



Abundance Ion 56.00 (55.70 to 56.70): VU039702.D (-1130) (-)

Ion 41.00 (40.70 to 41.70): VU039702.D (-1130) (-)





#43

Dibromomethane

Concen: 0.572 ug/l

RT: 6.93 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VU039702.D

Acq: 29 Jul 2020 14:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

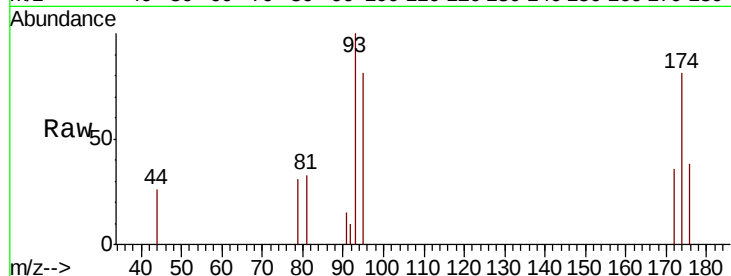
Tot Ion: 93 Resp: 1827

Ion Ratio Lower Upper

93 100

95 86.6 66.6 99.8

174 76.5 62.7 94.1

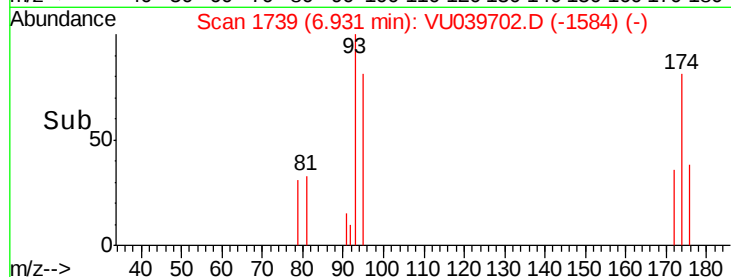


Abundance Ion 93.00 (92.70 to 93.70): VU039702.D (-1584) (-)

Ion 95.00 (94.70 to 95.70): VU039702.D (-1584) (-)

Ion 174.00 (173.70 to 174.70): VU039702.D (-1584) (-)

Time-->



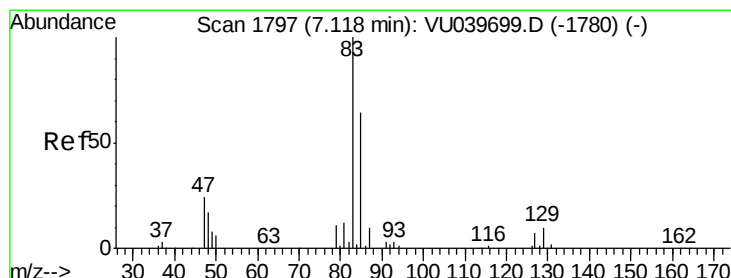
Abundance

Ion 93.00 (92.70 to 93.70): VU039702.D (-1584) (-)

Ion 95.00 (94.70 to 95.70): VU039702.D (-1584) (-)

Ion 174.00 (173.70 to 174.70): VU039702.D (-1584) (-)

Time-->



#44

Bromodichloromethane

Concen: 0.530 ug/l

RT: 7.12 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VU039702.D

Acq: 29 Jul 2020 14:02

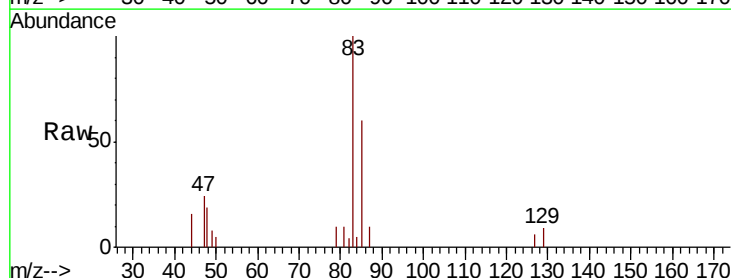
Tgt Ion: 83 Resp: 4212

Ion Ratio Lower Upper

83 100

85 59.6 50.8 76.2

127 6.4 5.8 8.6

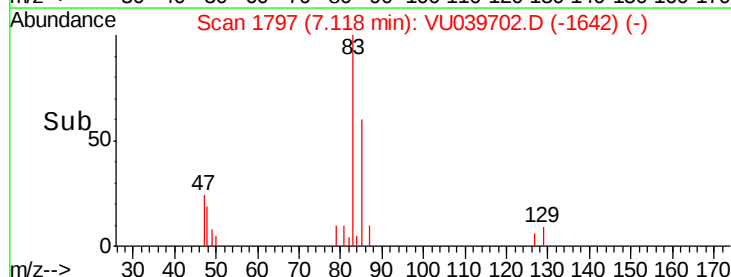


Abundance Ion 83.00 (82.70 to 83.70): VU039702.D (-1642) (-)

Ion 85.00 (84.70 to 85.70): VU039702.D (-1642) (-)

Ion 127.00 (126.70 to 127.70): VU039702.D (-1642) (-)

Time-->



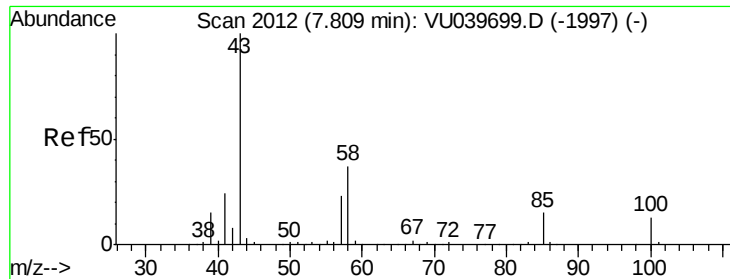
Abundance

Ion 83.00 (82.70 to 83.70): VU039702.D (-1642) (-)

Ion 85.00 (84.70 to 85.70): VU039702.D (-1642) (-)

Ion 127.00 (126.70 to 127.70): VU039702.D (-1642) (-)

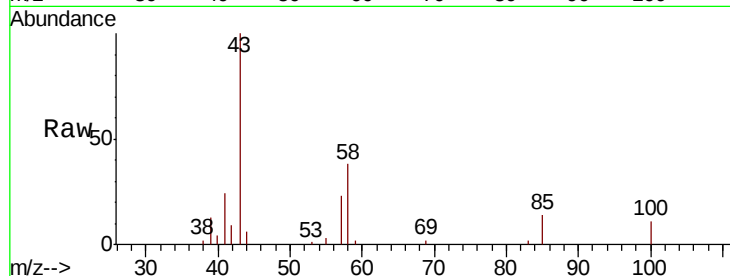
Time-->



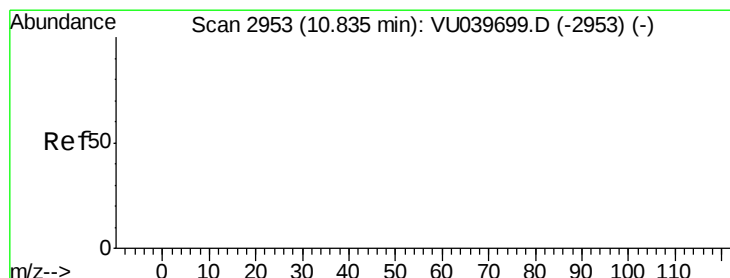
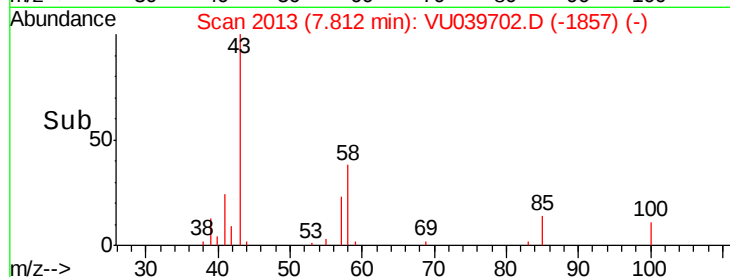
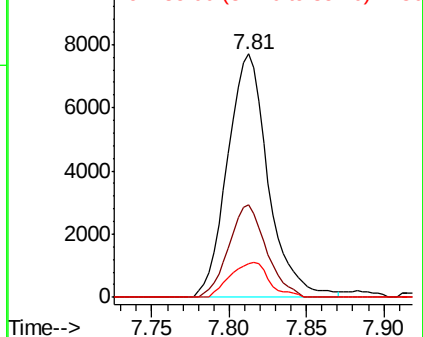
#45
4-Methyl-2-Pentanone
Concen: 3.121 ug/l
RT: 7.81 min Scan# 2013
Delta R.T. 0.00 min
Lab File: VU039702.D
Acq: 29 Jul 2020 14:02

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tot Ion: 43 Resp: 14042
Ion Ratio Lower Upper
43 100
58 35.1 18.4 55.0
85 14.0 11.8 17.6

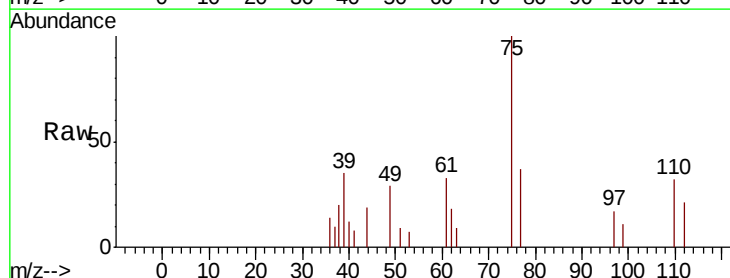


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 85.00 (84.70 to 85.70): VU0

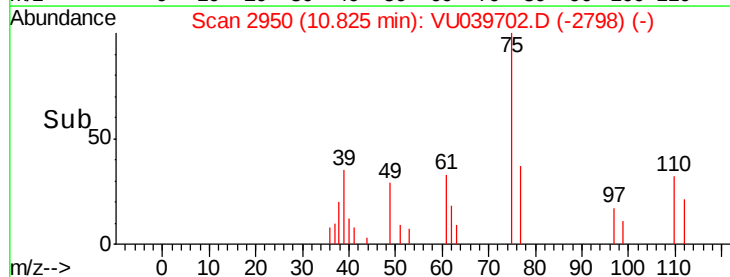
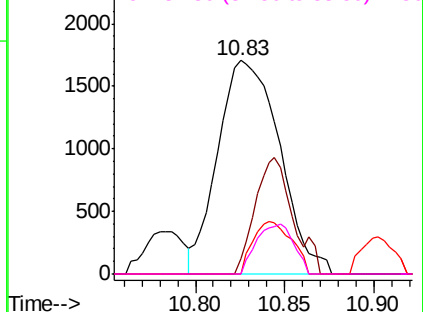


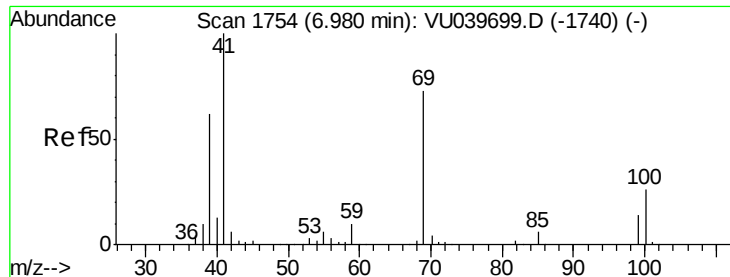
#46
t-1,4-Dichloro-2-butene
Concen: 2.997 ug/l
RT: 10.83 min Scan# 2950
Delta R.T. -0.01 min
Lab File: VU039702.D
Acq: 29 Jul 2020 14:02

Tgt Ion: 75 Resp: 4120
Ion Ratio Lower Upper
75 100
53 33.2 78.6 118.0#
89 15.4 40.3 60.5#
88 14.2 34.0 51.0#



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.80 (88.50 to 89.50): VU0
Ion 87.80 (87.50 to 88.50): VU0

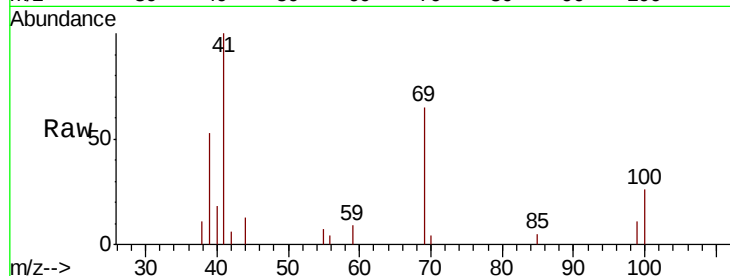




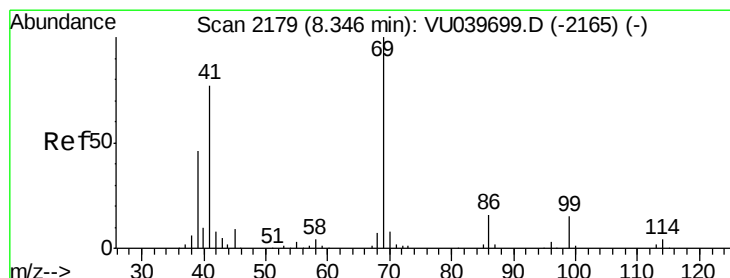
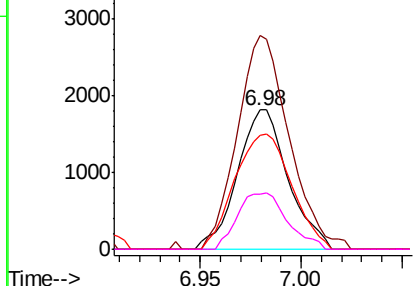
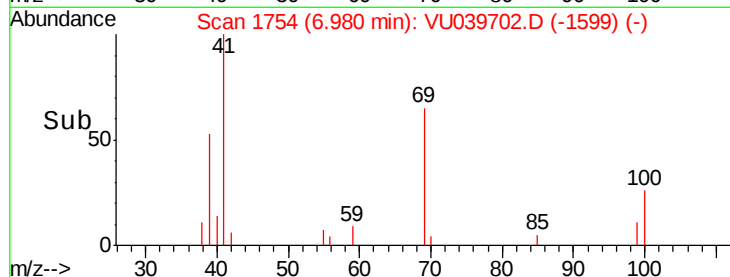
#47
Methyl methacrylate
Concen: 0.988 ug/l
RT: 6.98 min Scan# 1754
Delta R.T. -0.00 min
Lab File: VU039702.D
Acq: 29 Jul 2020 14:02

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tot Ion: 69 Resp: 3198
Ion Ratio Lower Upper
69 100
41 156.4 0.0 271.6
39 91.8 67.4 101.2
100 39.6 28.3 42.5

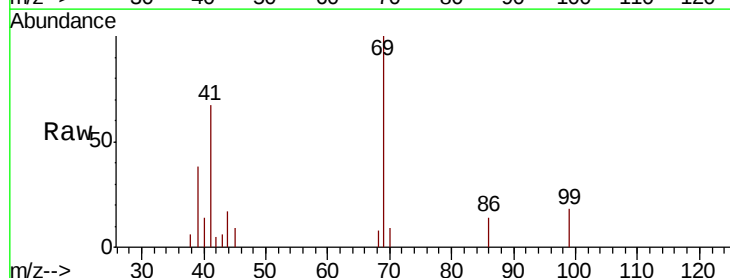


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

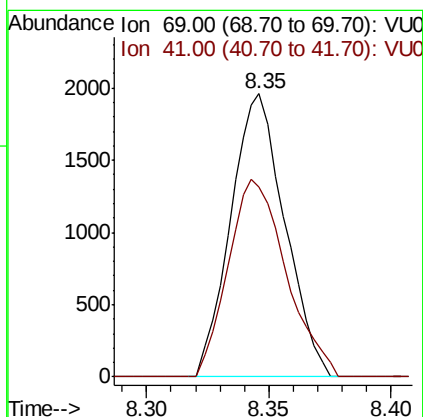
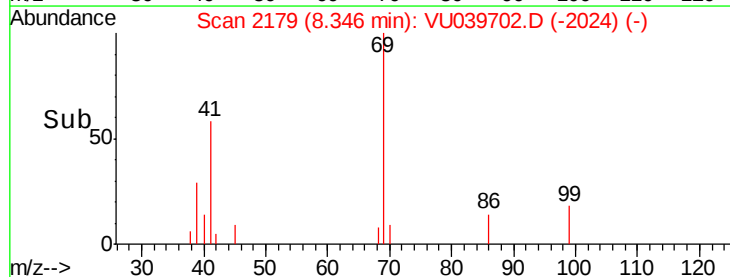


#48
Ethyl methacrylate
Concen: 0.504 ug/l
RT: 8.35 min Scan# 2179
Delta R.T. -0.00 min
Lab File: VU039702.D
Acq: 29 Jul 2020 14:02

Tgt Ion: 69 Resp: 3006
Ion Ratio Lower Upper
69 100
41 75.0 39.1 117.5



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





#49

Toluene

Concen: 0.464 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU039702.D

Acq: 29 Jul 2020 14:02

Instrument :

MSVOA_U

ClientSampleId :

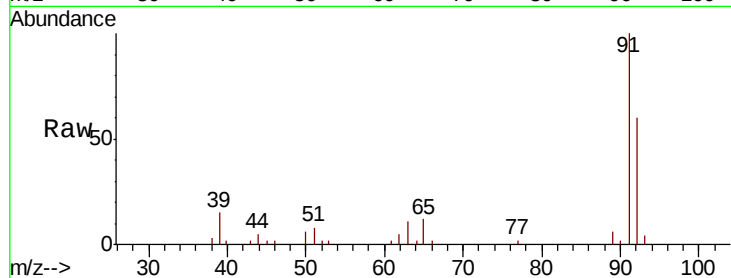
VSTDIC0.5

Tot Ion: 92 Resp: 7229

Ion Ratio Lower Upper

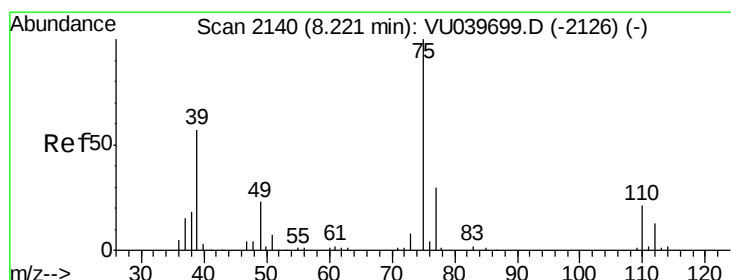
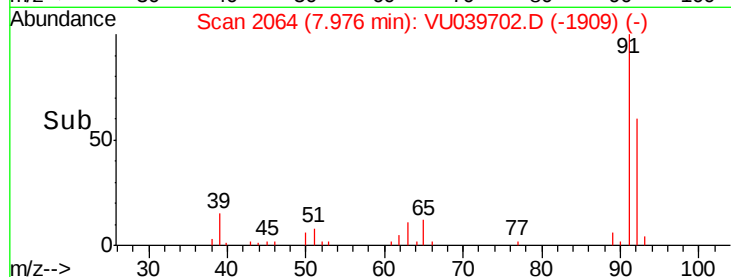
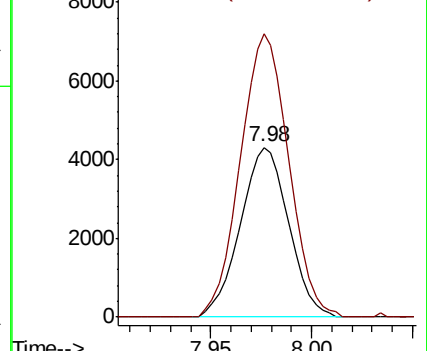
92 100

91 166.8 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VU039699.D (-2049) (-)

Ion 91.00 (90.70 to 91.70): VU039699.D (-2049) (-)



#50

t-1,3-Dichloropropene

Concen: 0.413 ug/l

RT: 8.22 min Scan# 2140

Delta R.T. -0.00 min

Lab File: VU039702.D

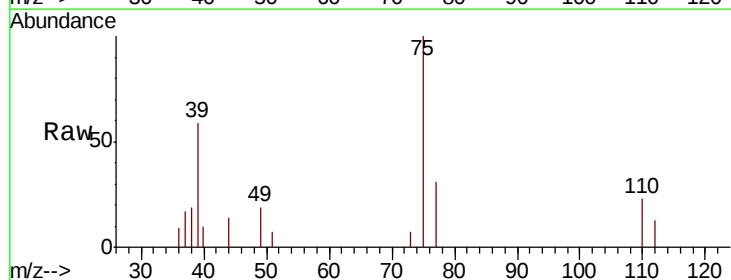
Acq: 29 Jul 2020 14:02

Tgt Ion: 75 Resp: 3307

Ion Ratio Lower Upper

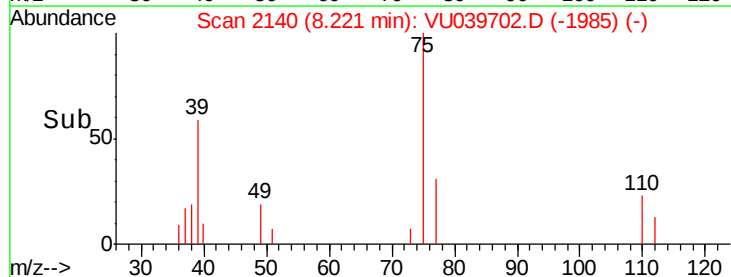
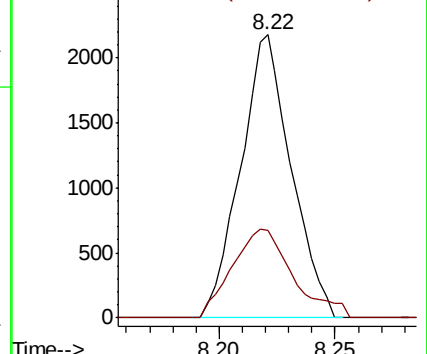
75 100

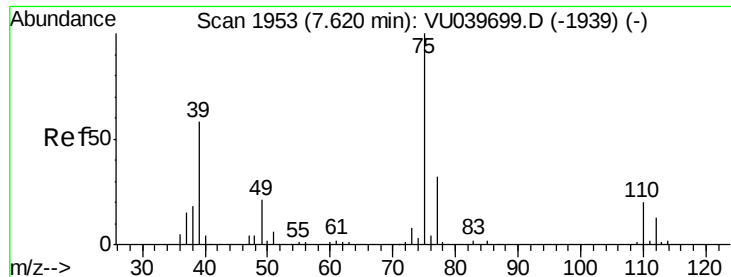
77 30.7 24.3 36.5



Abundance Ion 75.00 (74.70 to 75.70): VU039699.D (-2126) (-)

Ion 77.00 (76.70 to 77.70): VU039699.D (-2126) (-)



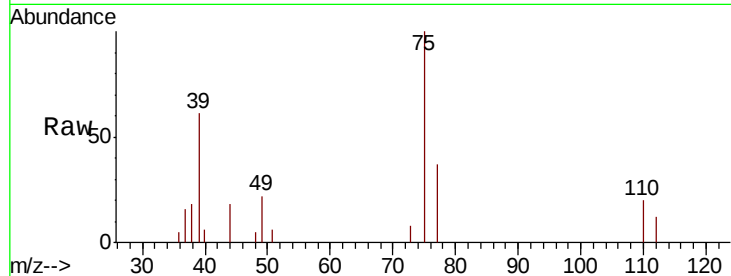


#51

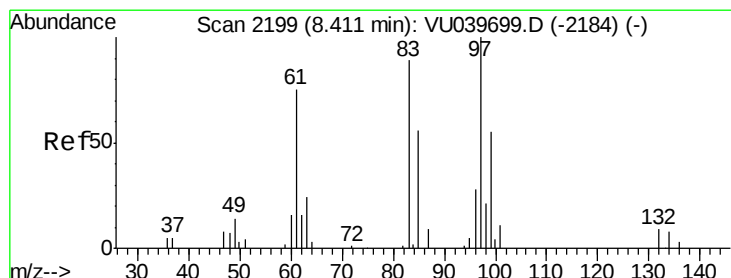
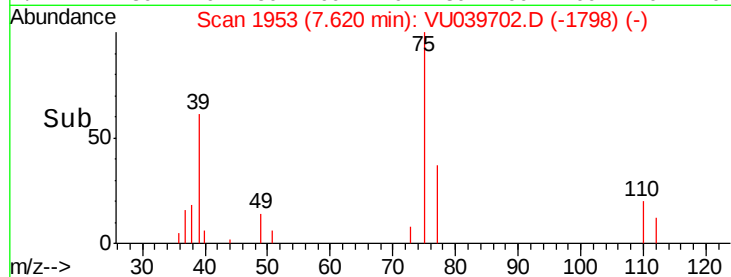
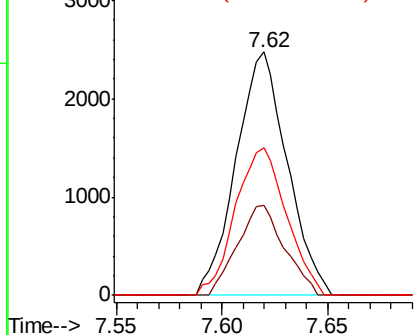
cis-1,3-Dichloropropene
Concen: 0.438 ug/l
RT: 7.62 min Scan# 1953
Delta R.T. -0.00 min
Lab File: VU039702.D
Acq: 29 Jul 2020 14:02

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tot Ion: 75 Resp: 4167
Ion Ratio Lower Upper
75 100
77 37.2 25.7 38.5
39 60.8 46.1 69.1



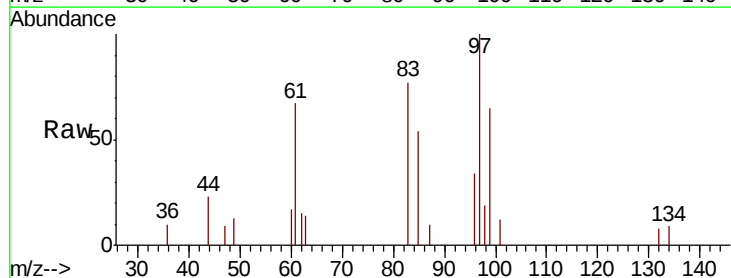
Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0
Ion 39.00 (38.70 to 39.70): VU0



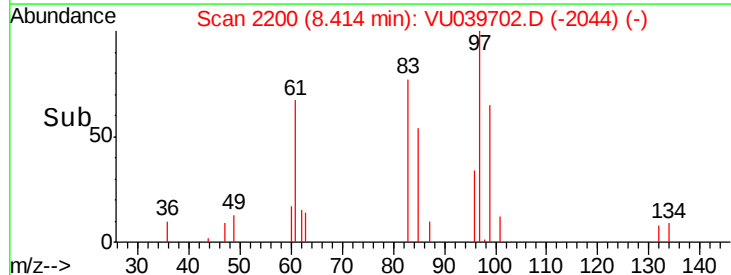
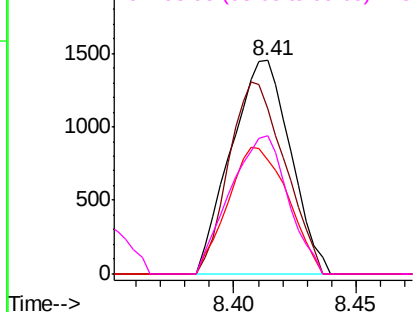
#52

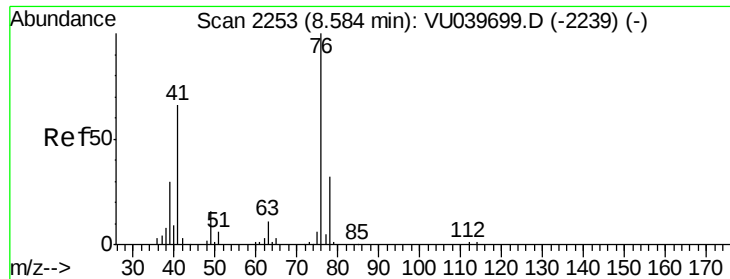
1,1,2-Trichloroethane
Concen: 0.549 ug/l
RT: 8.41 min Scan# 2200
Delta R.T. 0.00 min
Lab File: VU039702.D
Acq: 29 Jul 2020 14:02

Tgt Ion: 97 Resp: 2454
Ion Ratio Lower Upper
97 100
83 77.5 71.3 106.9
85 53.5 45.4 68.2
99 64.9 49.4 74.0



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

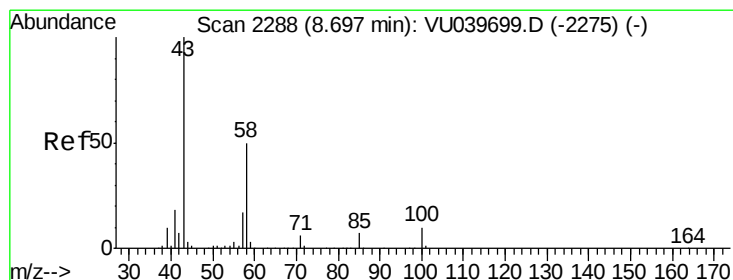
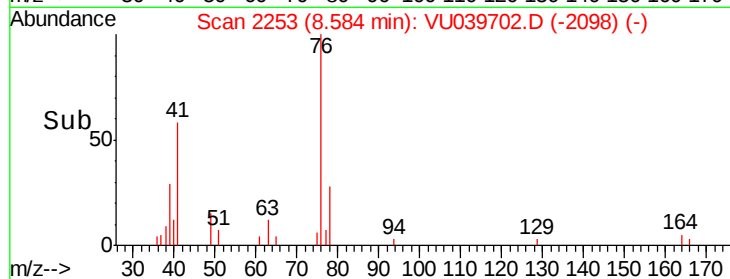
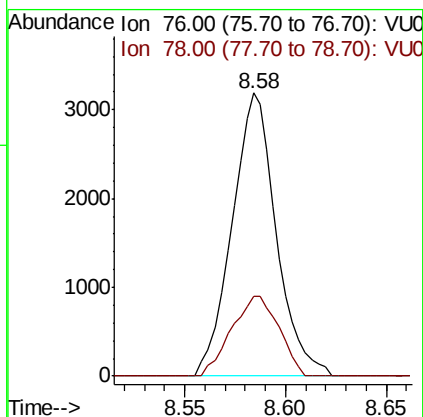
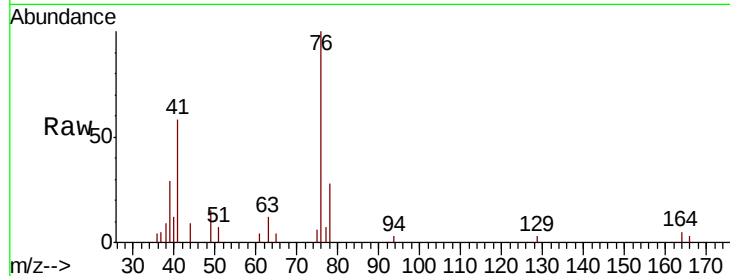




#53
 1,3-Dichloropropane
 Concen: 0.581 ug/l
 RT: 8.58 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VU039702.D
 Acq: 29 Jul 2020 14:02

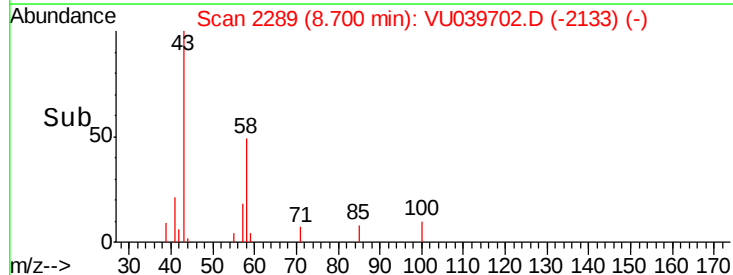
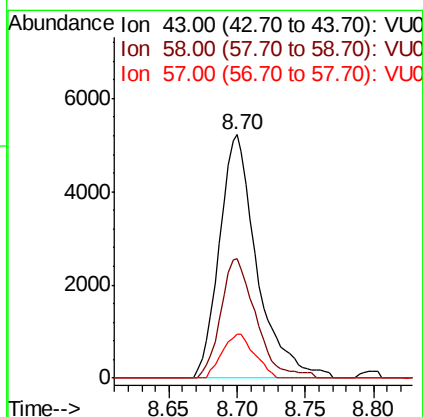
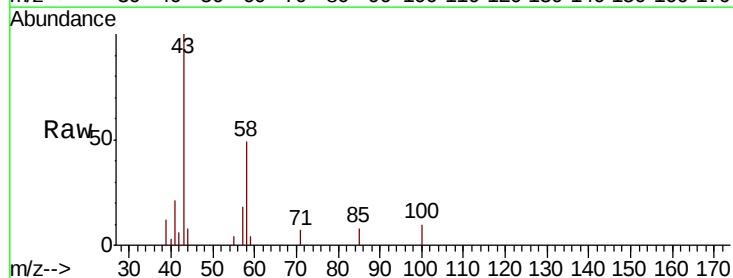
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

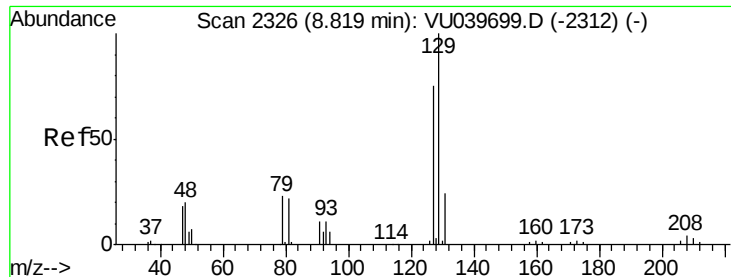
Tot Ion: 76 Resp: 4883
 Ion Ratio Lower Upper
 76 100
 78 30.3 25.4 38.2



#54
 2-Hexanone
 Concen: 3.137 ug/l
 RT: 8.70 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: VU039702.D
 Acq: 29 Jul 2020 14:02

Tgt Ion: 43 Resp: 10008
 Ion Ratio Lower Upper
 43 100
 58 46.1 29.9 69.9
 57 15.5 0.0 37.2





#55

Dibromochloromethane

Concen: 0.477 ug/l

RT: 8.82 min Scan# 2325

Delta R.T. -0.00 min

Lab File: VU039702.D

Acq: 29 Jul 2020 14:02

Instrument :

MSVOA_U

ClientSampleId :

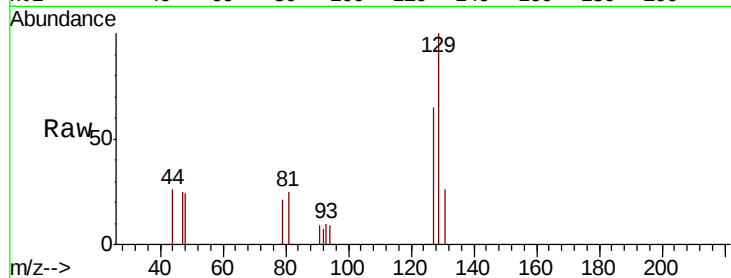
VSTDIC0.5

Tot Ion:129 Resp: 2360

Ion Ratio Lower Upper

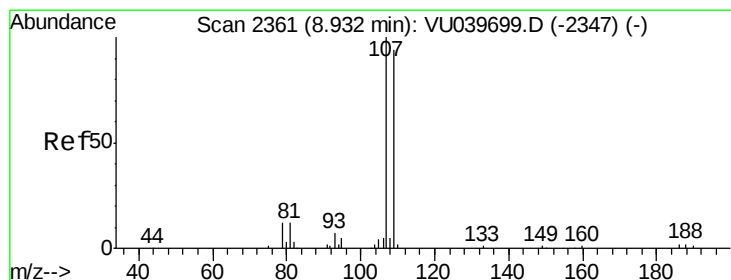
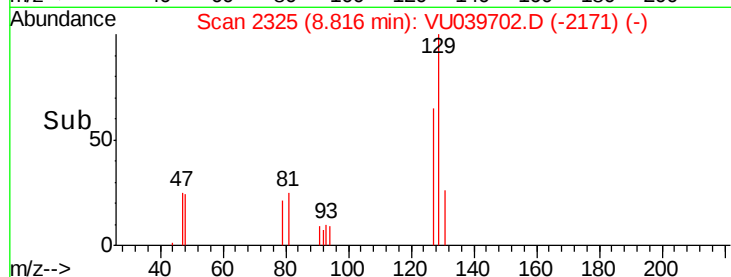
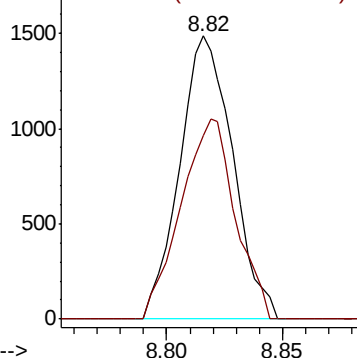
129 100

127 72.8 62.4 93.6



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 0.549 ug/l

RT: 8.93 min Scan# 2361

Delta R.T. -0.00 min

Lab File: VU039702.D

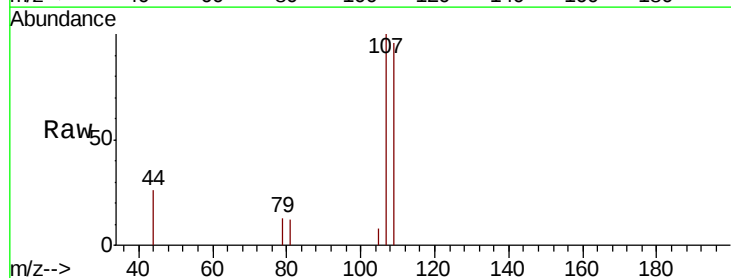
Acq: 29 Jul 2020 14:02

Tgt Ion:107 Resp: 2331

Ion Ratio Lower Upper

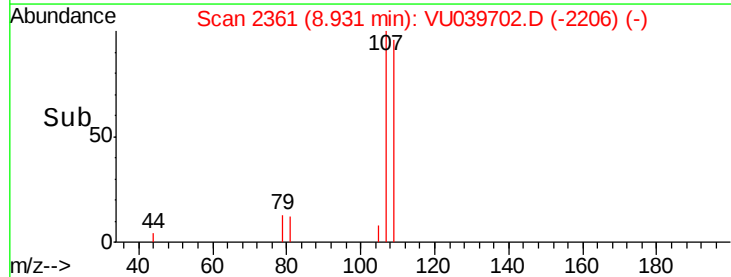
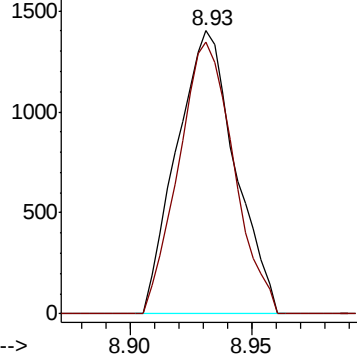
107 100

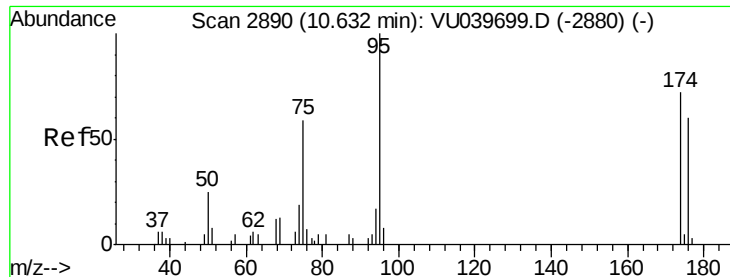
109 90.3 0.0 185.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

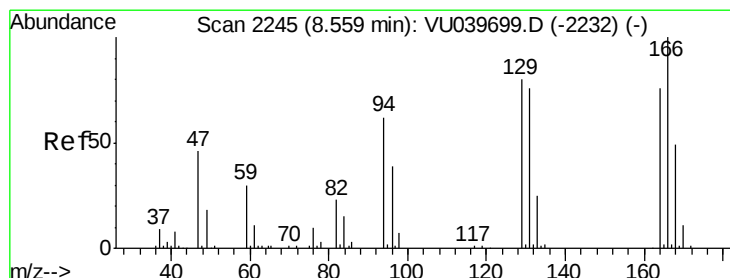
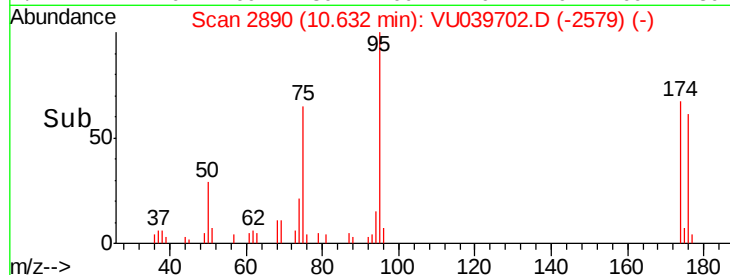
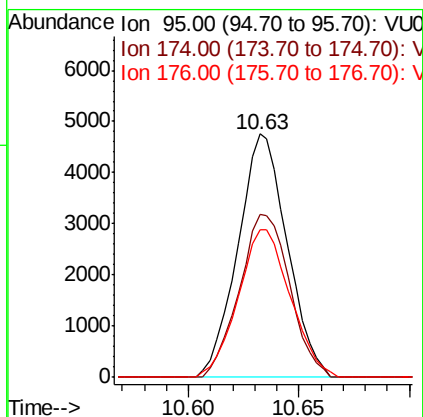
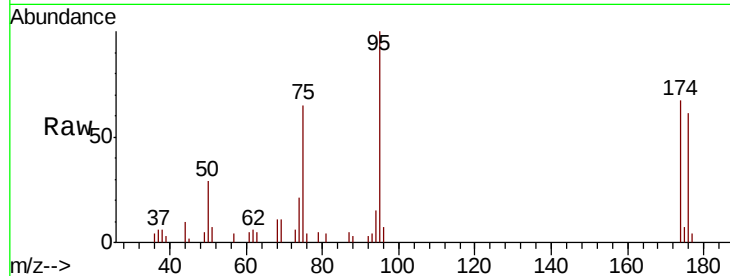




#57
4-Bromofluorobenzene
Concen: 0.907 ug/l
RT: 10.63 min Scan# 2890
Delta R.T. -0.00 min
Lab File: VU039702.D
Acq: 29 Jul 2020 14:02

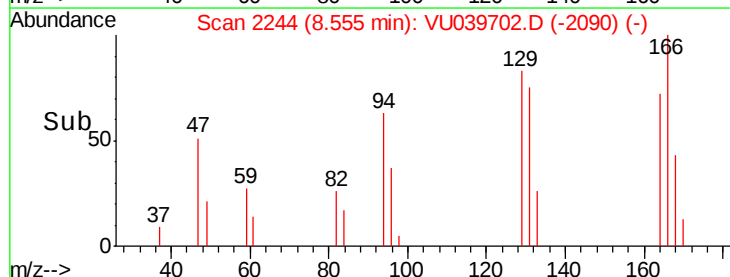
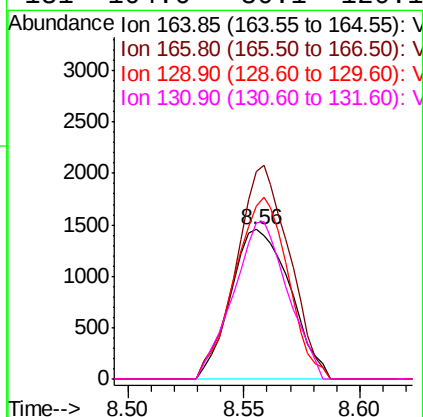
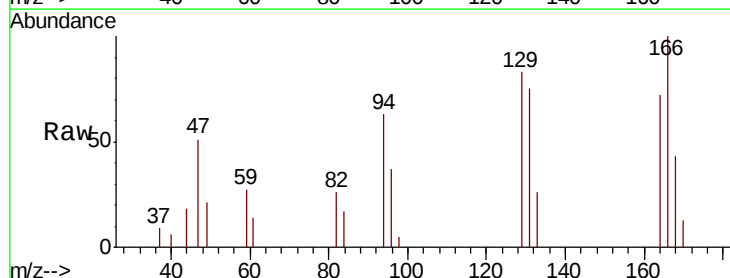
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tot Ion: 95 Resp: 7353
Ion Ratio Lower Upper
95 100
174 68.4 57.0 85.4
176 64.3 50.2 75.2



#58
Tetrachloroethene
Concen: 0.441 ug/l
RT: 8.56 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VU039702.D
Acq: 29 Jul 2020 14:02

Tgt Ion: 164 Resp: 2581
Ion Ratio Lower Upper
164 100
166 138.8 104.8 157.2
129 115.7 84.1 126.1
131 104.6 80.1 120.1





#59

Chlorobenzene

Concen: 0.474 ug/l

RT: 9.45 min Scan# 2523

Delta R.T. 0.00 min

Lab File: VU039702.D

Acq: 29 Jul 2020 14:02

Instrument :

MSVOA_U

ClientSampleId :

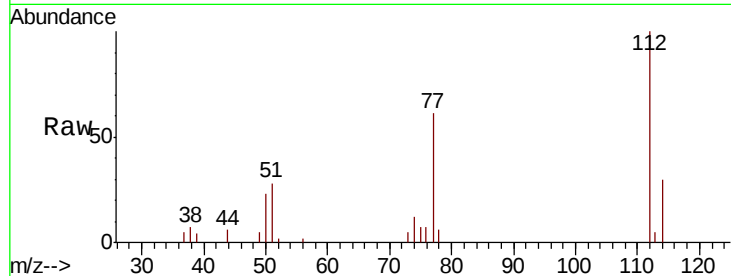
VSTDIC0.5

Tot Ion:112 Resp: 7814

Ion Ratio Lower Upper

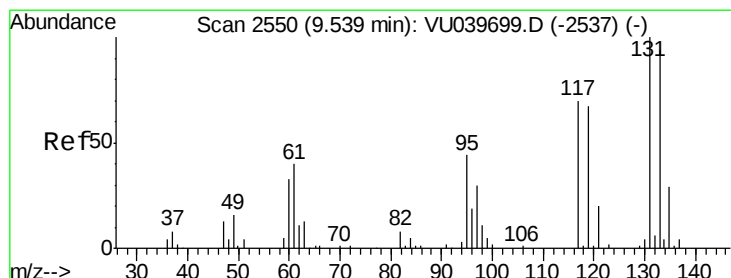
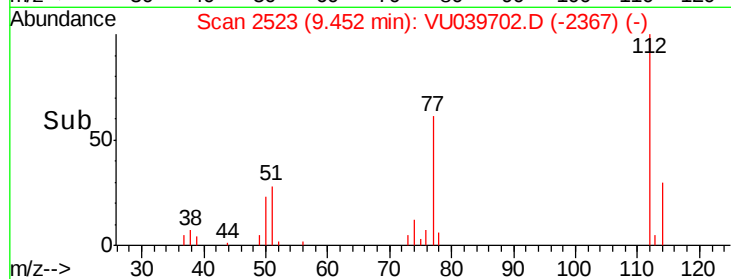
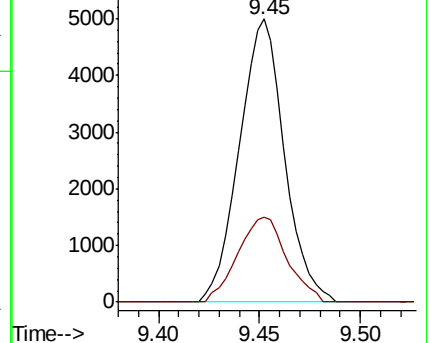
112 100

114 30.2 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#60

1,1,1,2-Tetrachloroethane

Concen: 0.480 ug/l

RT: 9.54 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VU039702.D

Acq: 29 Jul 2020 14:02

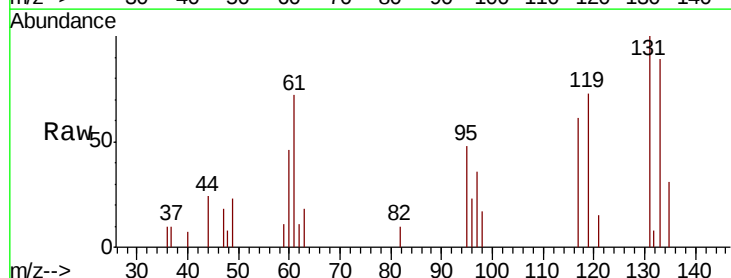
Tgt Ion:131 Resp: 2436

Ion Ratio Lower Upper

131 100

133 98.4 75.8 113.8

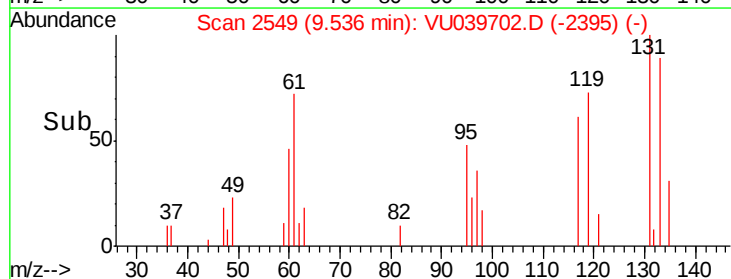
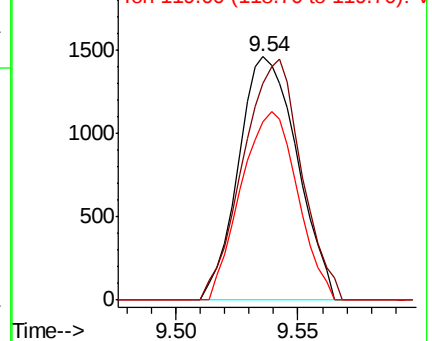
119 74.5 54.6 81.8

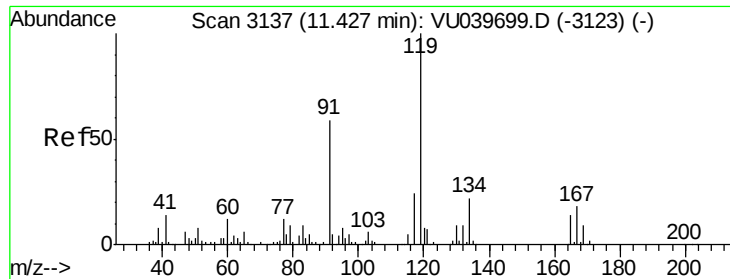


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

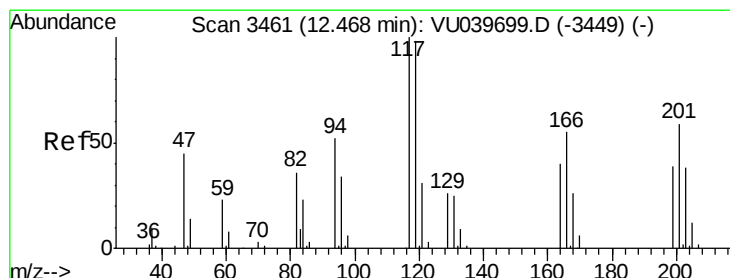
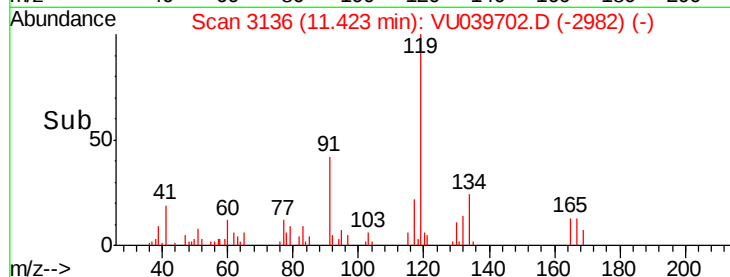
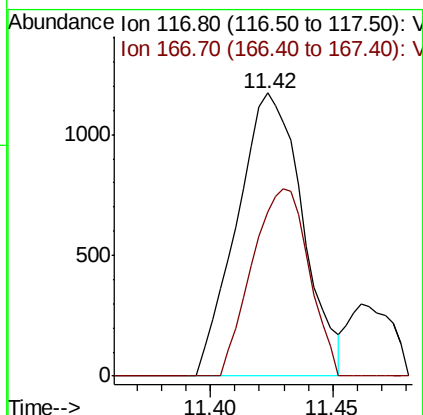
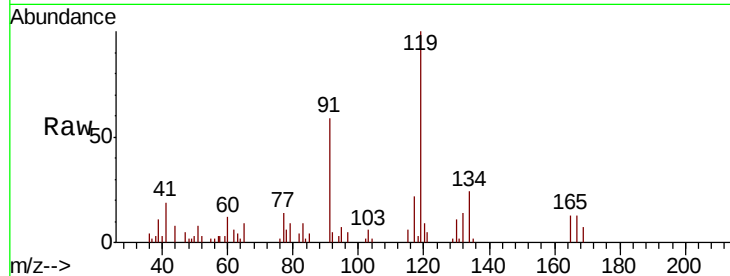




#61
 Pentachloroethane
 Concen: 0.556 ug/l
 RT: 11.42 min Scan# 3136
 Delta R.T. -0.00 min
 Lab File: VU039702.D
 Acq: 29 Jul 2020 14:02

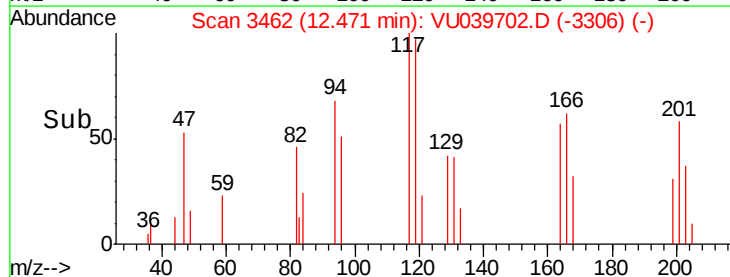
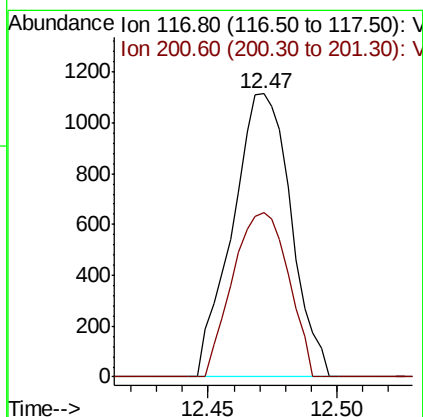
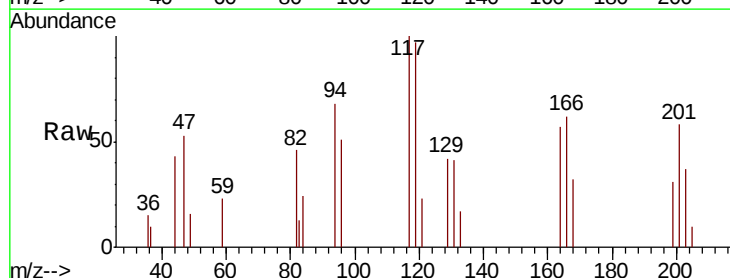
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

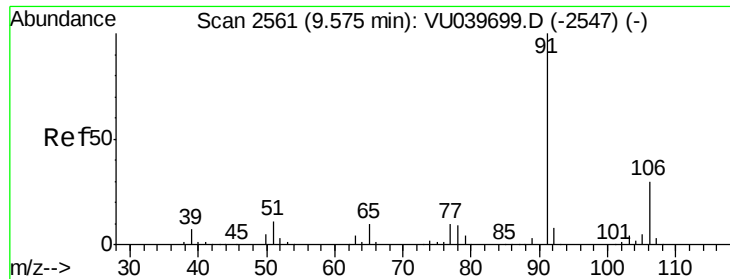
Tot Ion:117 Resp: 2183
 Ion Ratio Lower Upper
 117 100
 167 57.3 56.6 85.0



#62
 Hexachloroethane
 Concen: 0.438 ug/l
 RT: 12.47 min Scan# 3462
 Delta R.T. 0.00 min
 Lab File: VU039702.D
 Acq: 29 Jul 2020 14:02

Tgt Ion:117 Resp: 1763
 Ion Ratio Lower Upper
 117 100
 201 55.4 48.1 72.1

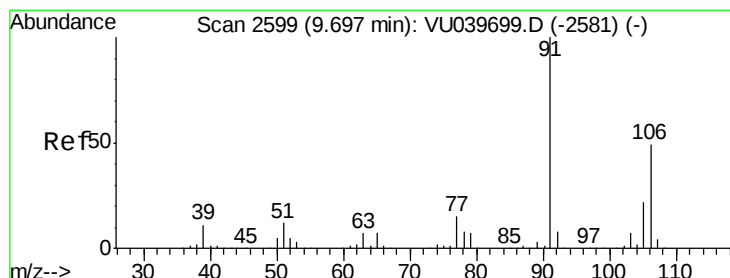
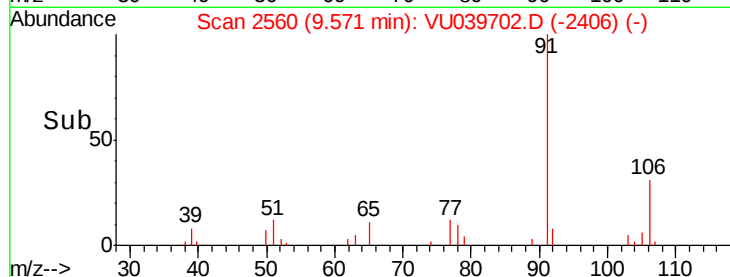
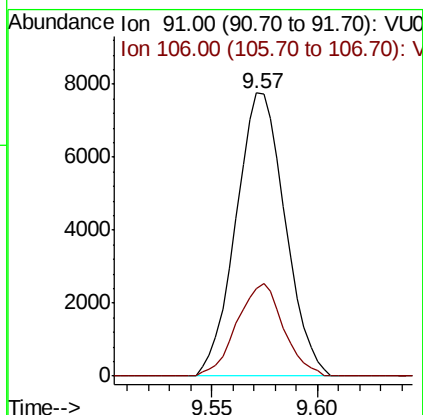
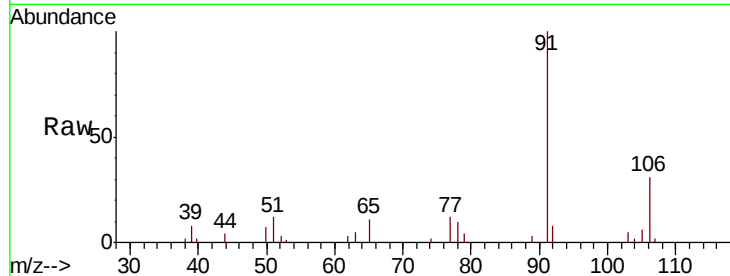




#63
Ethyl Benzene
Concen: 0.426 ug/l
RT: 9.57 min Scan# 2560
Delta R.T. -0.00 min
Lab File: VU039702.D
Acq: 29 Jul 2020 14:02

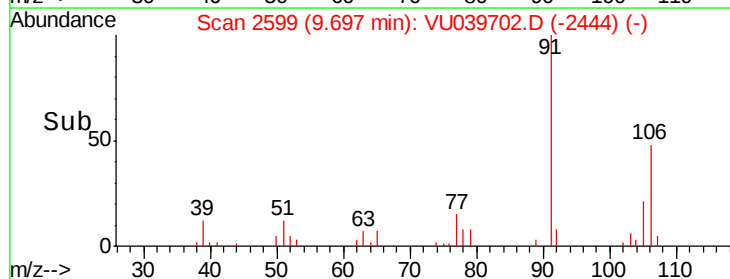
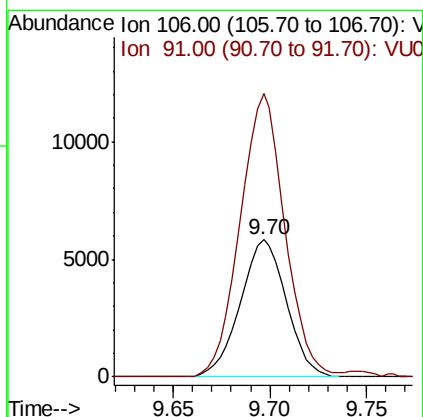
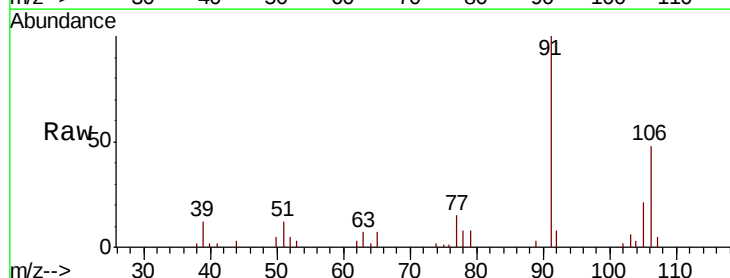
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

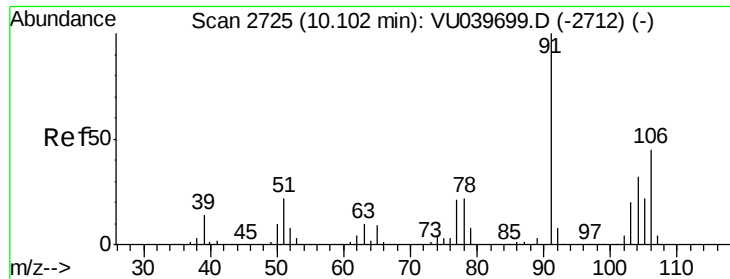
Tot Ion: 91 Resp: 12563
Ion Ratio Lower Upper
91 100
106 30.8 24.2 36.4



#64
m/p-Xylenes
Concen: 0.847 ug/l
RT: 9.70 min Scan# 2599
Delta R.T. -0.00 min
Lab File: VU039702.D
Acq: 29 Jul 2020 14:02

Tgt Ion: 106 Resp: 9656
Ion Ratio Lower Upper
106 100
91 200.7 163.9 245.9

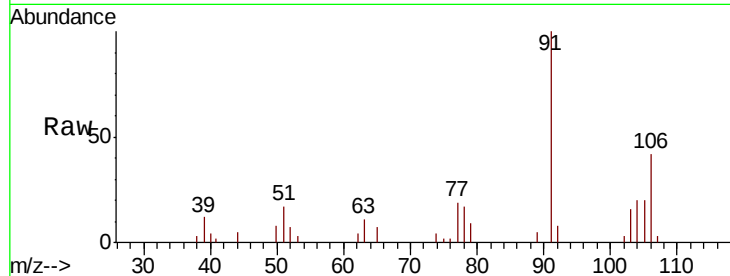




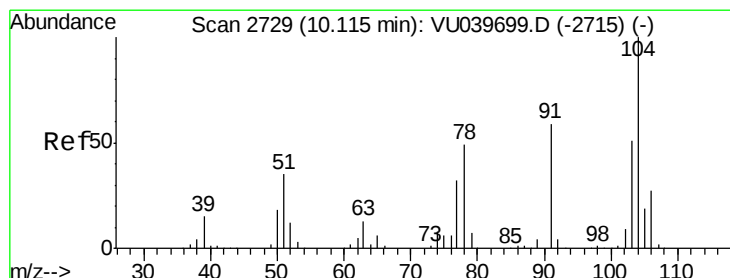
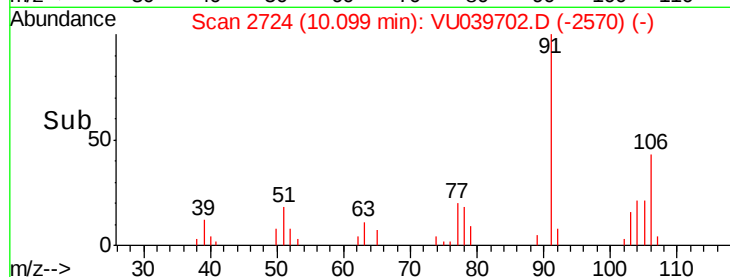
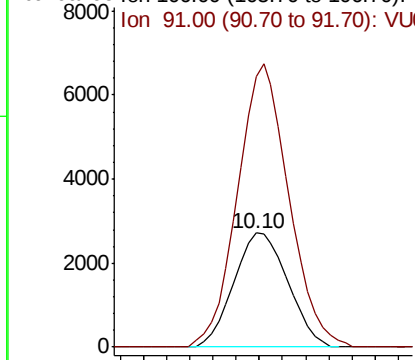
#65
o-Xylene
Concen: 0.397 ug/l
RT: 10.10 min Scan# 2724
Delta R.T. -0.00 min
Lab File: VU039702.D
Acq: 29 Jul 2020 14:02

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tot Ion:106 Resp: 4385
Ion Ratio Lower Upper
106 100
91 235.8 110.3 331.0

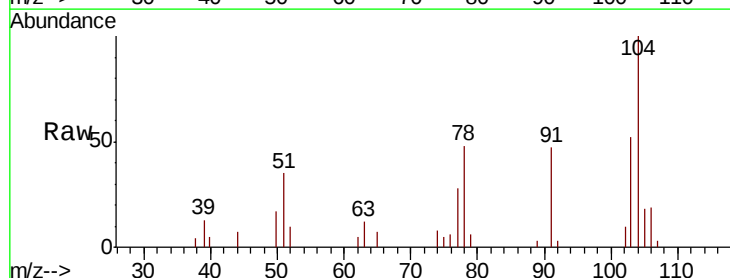


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

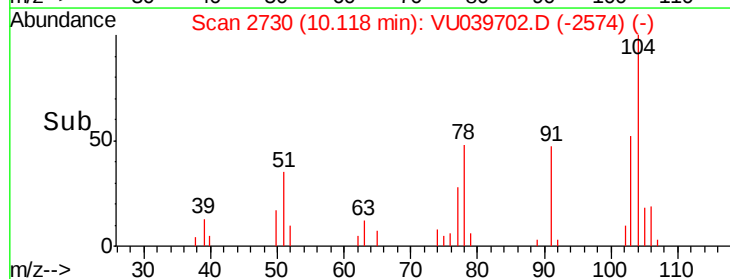
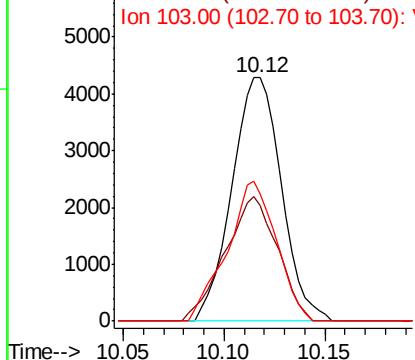


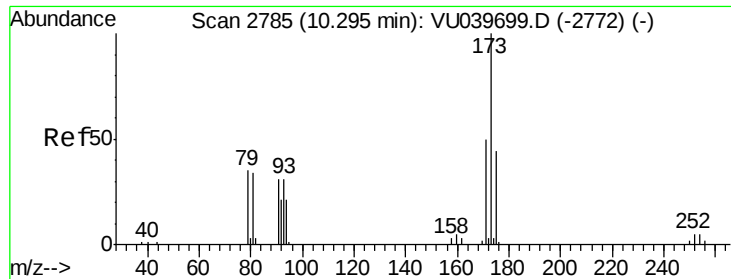
#66
Styrene
Concen: 0.402 ug/l
RT: 10.12 min Scan# 2730
Delta R.T. 0.00 min
Lab File: VU039702.D
Acq: 29 Jul 2020 14:02

Tgt Ion:104 Resp: 7368
Ion Ratio Lower Upper
104 100
78 53.9 42.2 63.4
103 57.0 43.4 65.2



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

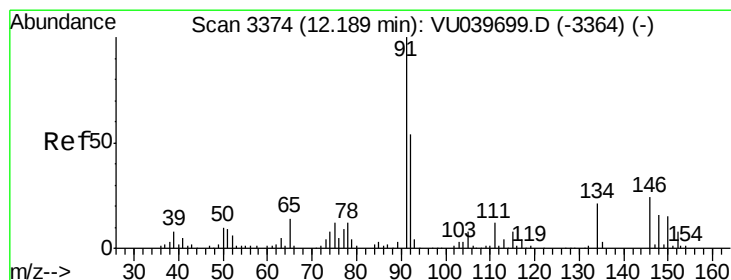
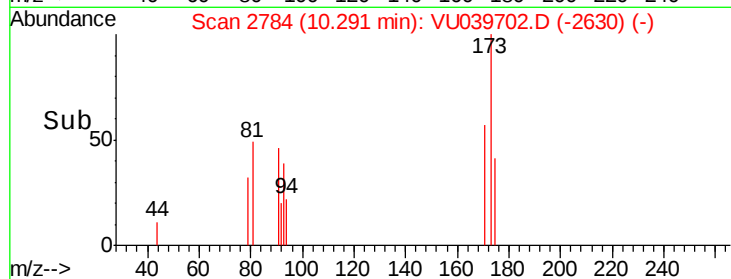
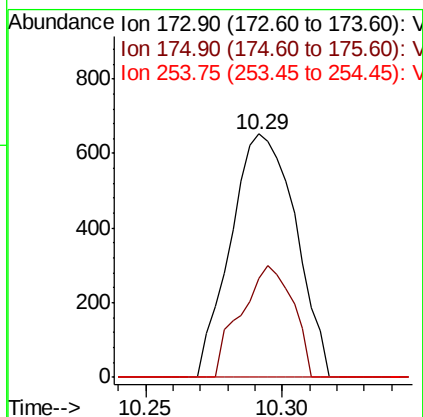
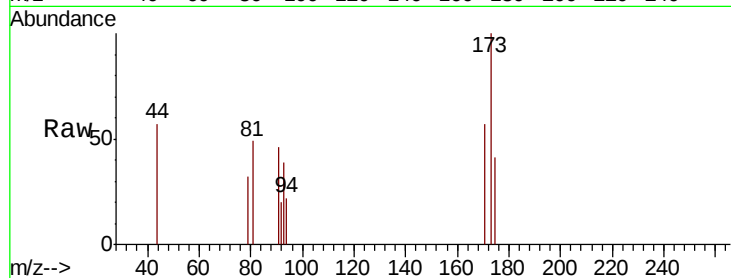




#67
Bromoform
Concen: 0.415 ug/l
RT: 10.29 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VU039702.D
Acq: 29 Jul 2020 14:02

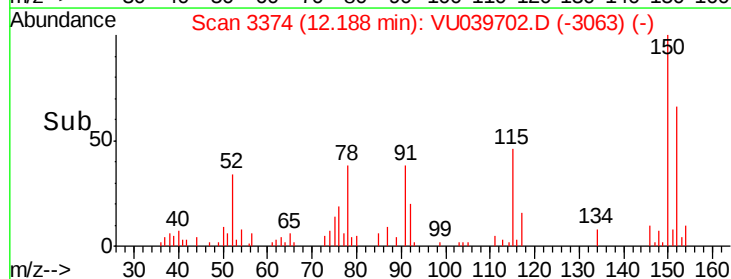
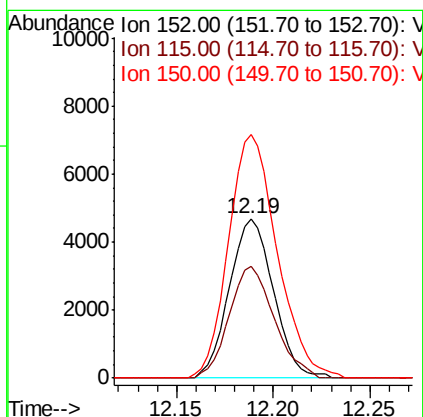
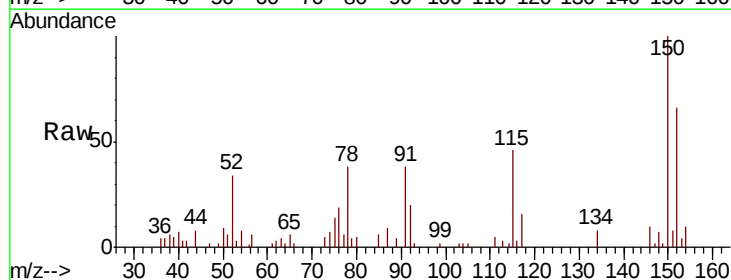
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

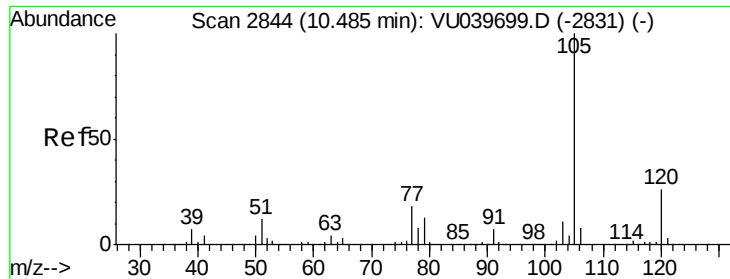
Tot Ion:173 Resp: 1078
Ion Ratio Lower Upper
173 100
175 36.7 36.7 55.1
254 0.0 3.8 5.8#



#68
1,2-Dichlorobenzene-d4
Concen: 0.939 ug/l
RT: 12.19 min Scan# 3374
Delta R.T. -0.00 min
Lab File: VU039702.D
Acq: 29 Jul 2020 14:02

Tgt Ion:152 Resp: 7410
Ion Ratio Lower Upper
152 100
115 71.7 0.0 302.4
150 168.6 0.0 645.8





#69

Isopropylbenzene

Concen: 0.444 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. -0.00 min

Lab File: VU039702.D

Acq: 29 Jul 2020 14:02

Instrument :

MSVOA_U

ClientSampleId :

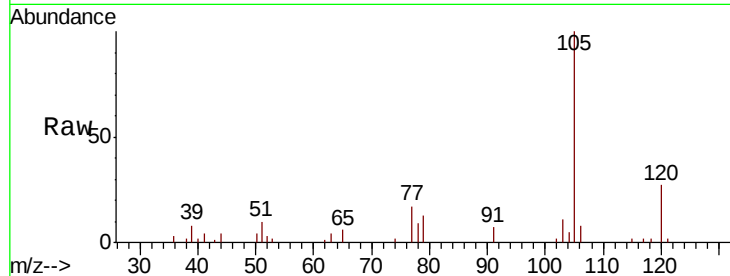
VSTDIC0.5

Tot Ion:105 Resp: 12842

Ion Ratio Lower Upper

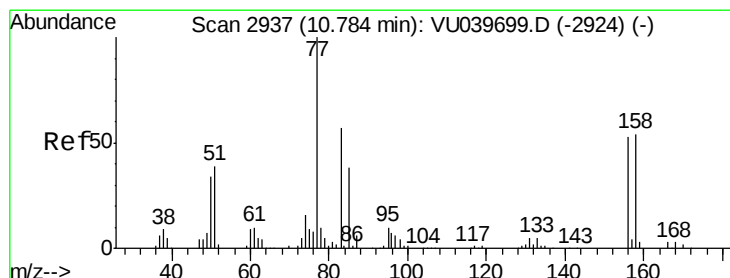
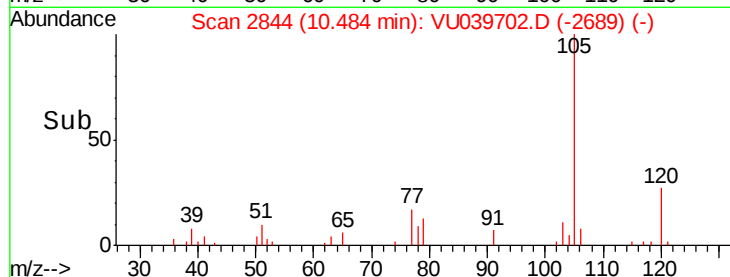
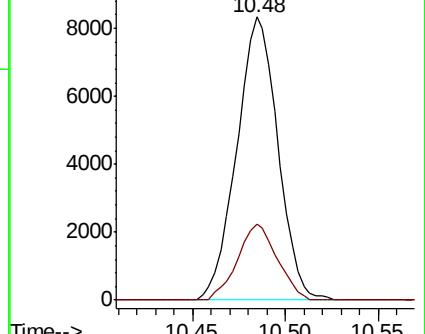
105 100

120 25.8 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#70

1,1,2,2-Tetrachloroethane

Concen: 0.555 ug/l

RT: 10.78 min Scan# 2937

Delta R.T. -0.00 min

Lab File: VU039702.D

Acq: 29 Jul 2020 14:02

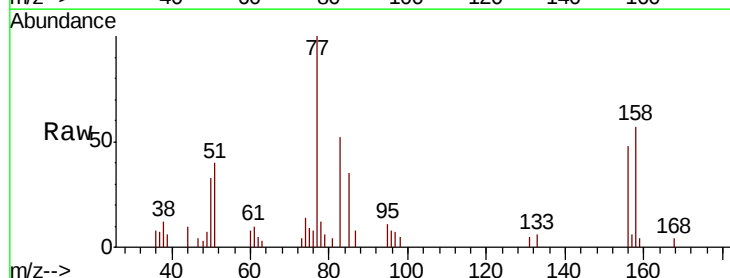
Tgt Ion: 83 Resp: 3260

Ion Ratio Lower Upper

83 100

131 6.9 7.0 10.6#

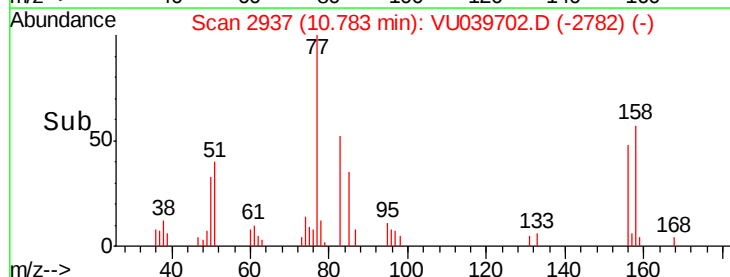
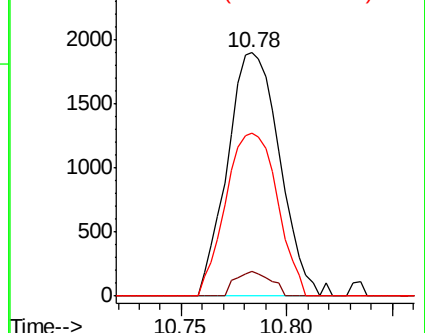
85 66.1 50.6 75.8

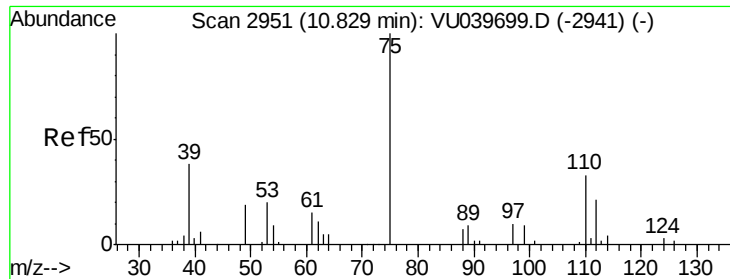


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

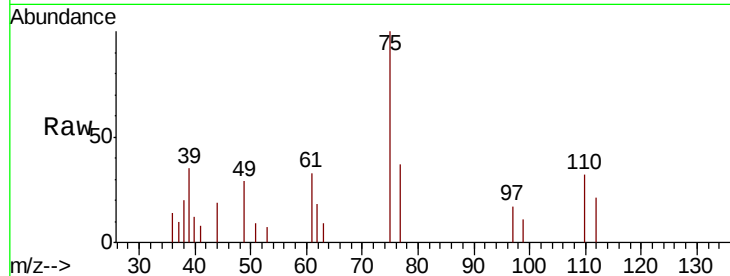




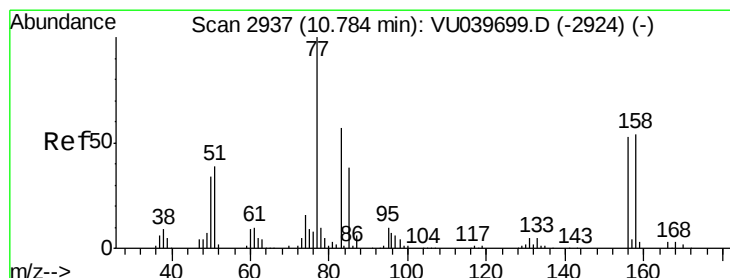
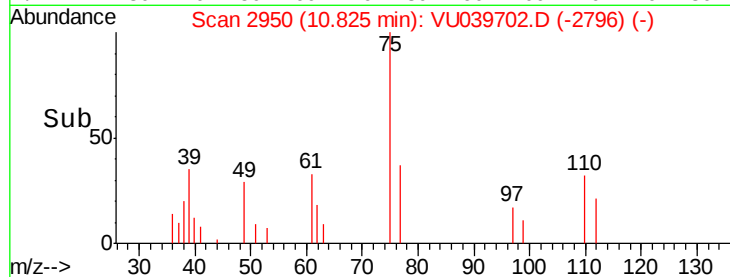
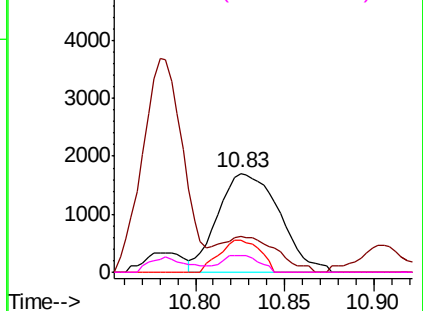
#71
 1,2,3-Trichloropropane
 Concen: 0.929 ug/l
 RT: 10.83 min Scan# 2950
 Delta R.T. -0.00 min
 Lab File: VU039702.D
 Acq: 29 Jul 2020 14:02

Instrument :
 MSVOA_U
 ClientSampled :
 VSTDIC0.5

Tot Ion:	75	Resp:	4120
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	91.0
110	21.3	0.0	64.2
97	10.0	0.0	32.6

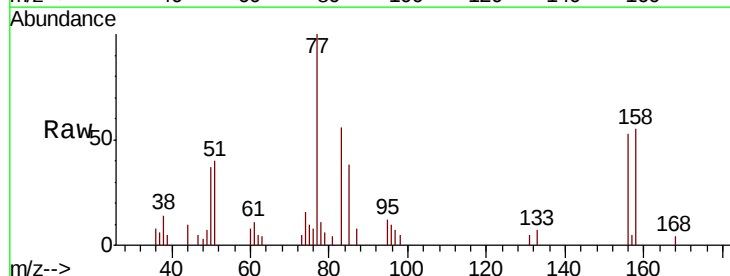


Abundance Ion 75.00 (74.70 to 75.70): VU039699.D (-2941) (-)
 Ion 77.00 (76.70 to 77.70): VU039699.D (-2941) (-)
 Ion 110.00 (109.70 to 110.70): VU039699.D (-2941) (-)
 Ion 97.00 (96.70 to 97.70): VU039699.D (-2941) (-)

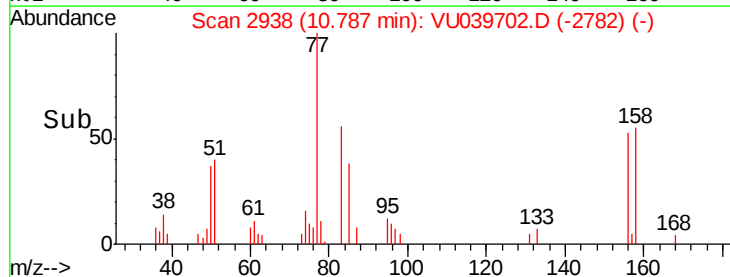
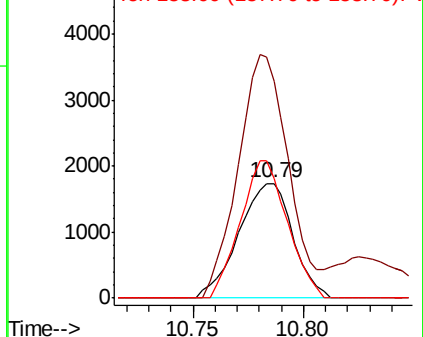


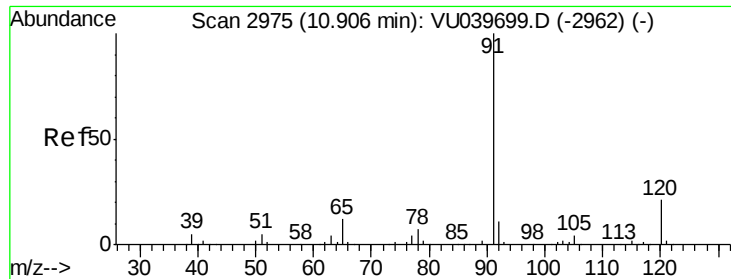
#72
 Bromobenzene
 Concen: 0.459 ug/l
 RT: 10.79 min Scan# 2938
 Delta R.T. 0.00 min
 Lab File: VU039702.D
 Acq: 29 Jul 2020 14:02

Tgt Ion:	156	Resp:	2950
Ion	Ratio	Lower	Upper
156	100		
77	199.5	0.0	385.2
158	104.9	0.0	200.8



Abundance Ion 156.00 (155.70 to 156.70): VU039699.D (-2924) (-)
 Ion 77.00 (76.70 to 77.70): VU039699.D (-2924) (-)
 Ion 158.00 (157.70 to 158.70): VU039699.D (-2924) (-)

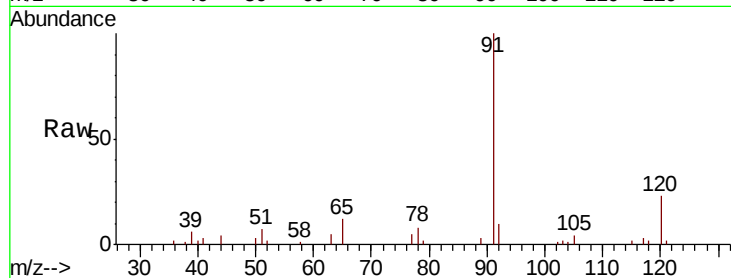




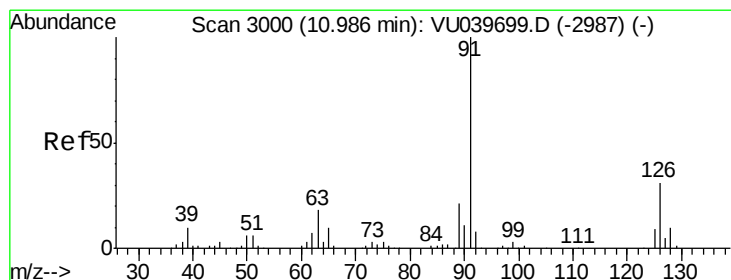
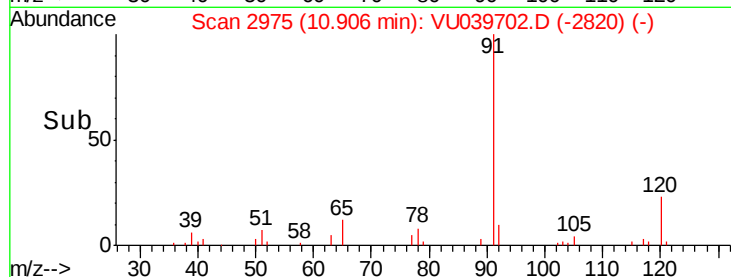
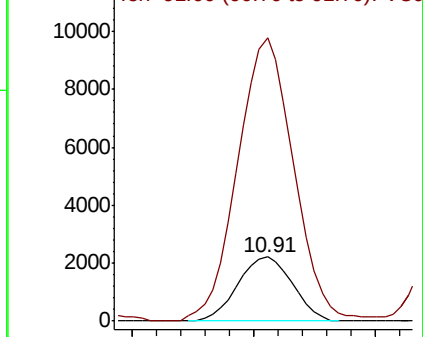
#73
n-propylbenzene
Concen: 0.434 ug/l
RT: 10.91 min Scan# 2975
Delta R.T. -0.00 min
Lab File: VU039702.D
Acq: 29 Jul 2020 14:02

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tot Ion:120 Resp: 3450
Ion Ratio Lower Upper
120 100
91 454.4 371.7 557.5

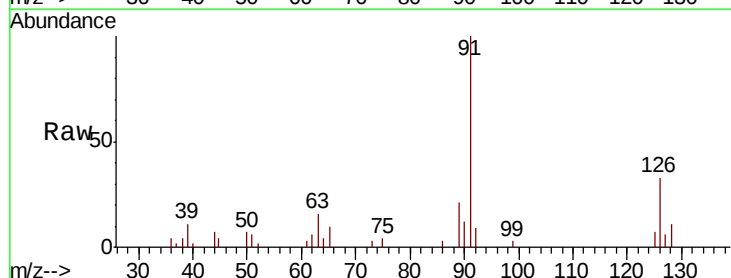


Abundance Ion 120.00 (119.70 to 120.70): V
Ion 91.00 (90.70 to 91.70): VU0

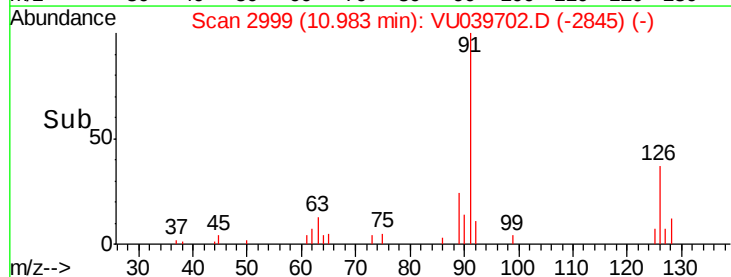
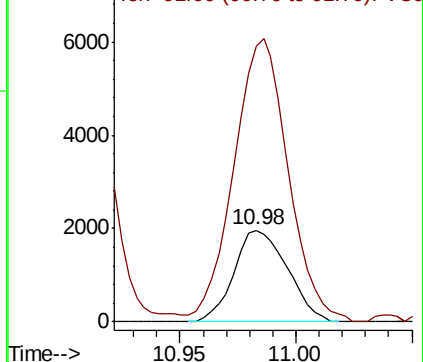


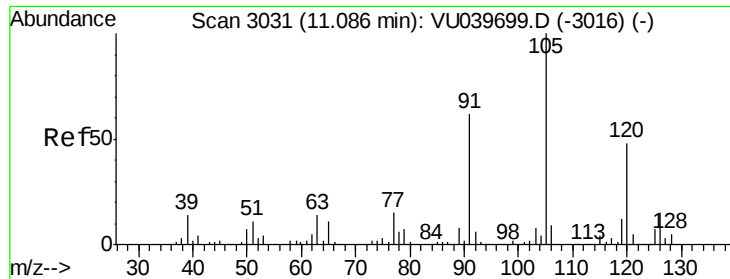
#74
2-Chlorotoluene
Concen: 0.470 ug/l
RT: 10.98 min Scan# 2999
Delta R.T. -0.00 min
Lab File: VU039702.D
Acq: 29 Jul 2020 14:02

Tgt Ion:126 Resp: 3140
Ion Ratio Lower Upper
126 100
91 314.9 0.0 637.0



Abundance Ion 126.00 (125.70 to 126.70): V
Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 0.401 ug/l

RT: 11.09 min Scan# 3032

Delta R.T. 0.00 min

Lab File: VU039702.D

Acq: 29 Jul 2020 14:02

Instrument :

MSVOA_U

ClientSampleId :

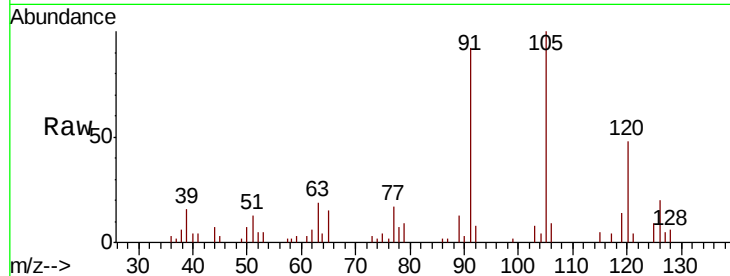
VSTDIC0.5

Tot Ion:105 Resp: 9726

Ion Ratio Lower Upper

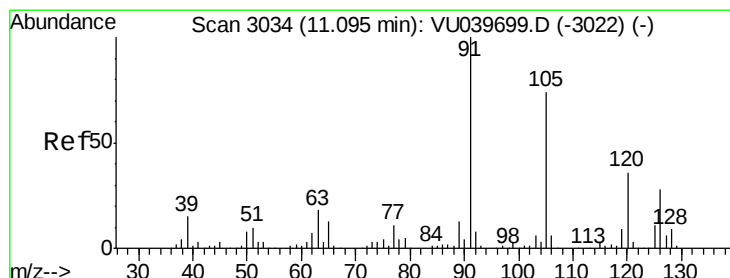
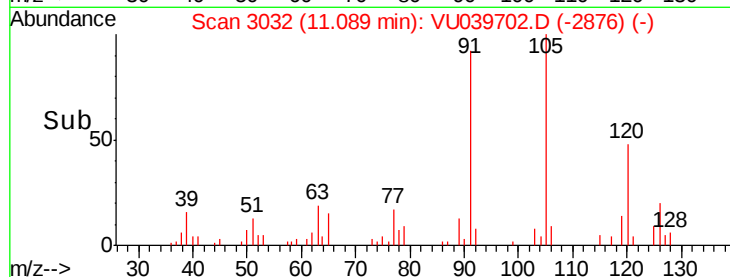
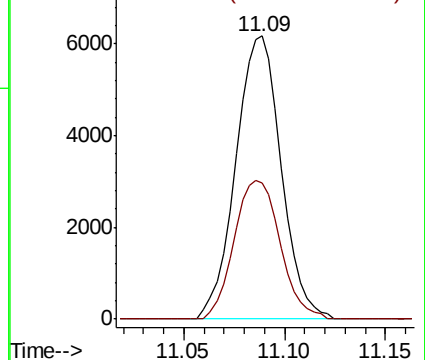
105 100

120 49.9 38.0 57.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 0.426 ug/l

RT: 11.10 min Scan# 3035

Delta R.T. 0.00 min

Lab File: VU039702.D

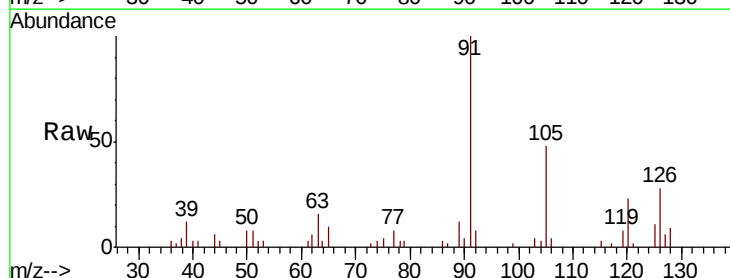
Acq: 29 Jul 2020 14:02

Tgt Ion:126 Resp: 2959

Ion Ratio Lower Upper

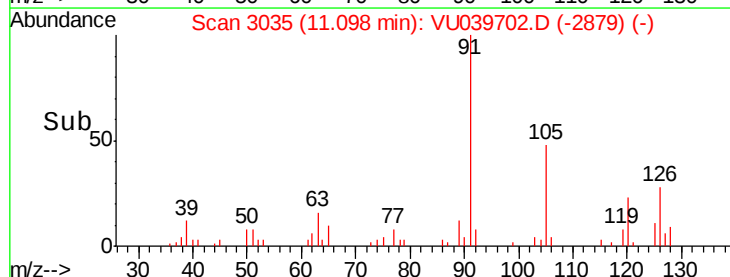
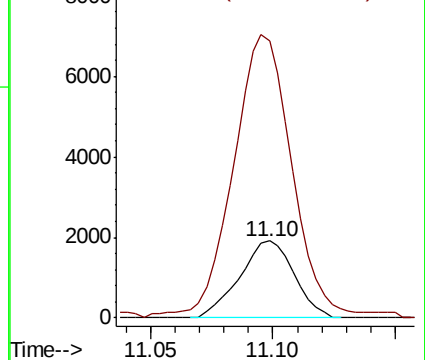
126 100

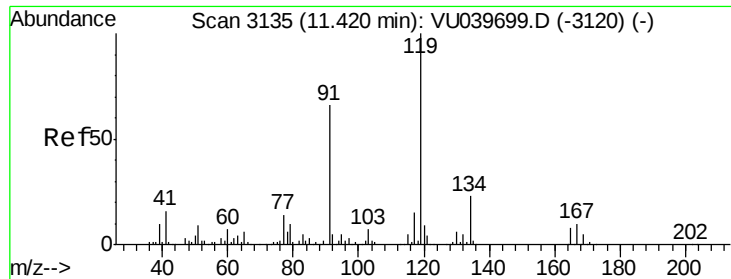
91 399.9 0.0 732.2



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#77

tert-Butylbenzene

Concen: 0.453 ug/l

RT: 11.42 min Scan# 3134

Delta R.T. -0.00 min

Lab File: VU039702.D

Acq: 29 Jul 2020 14:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

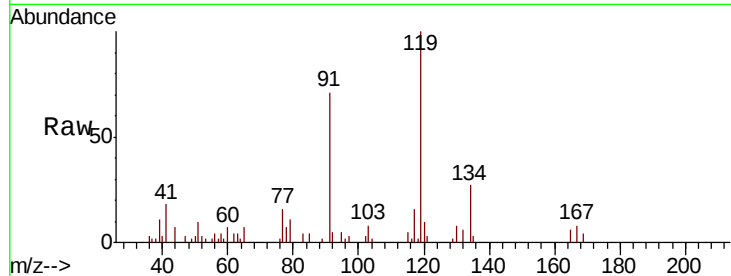
Tot Ion:119 Resp: 10428

Ion Ratio Lower Upper

119 100

91 62.5 31.9 95.5

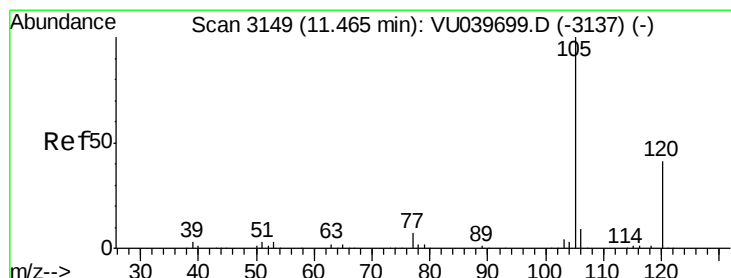
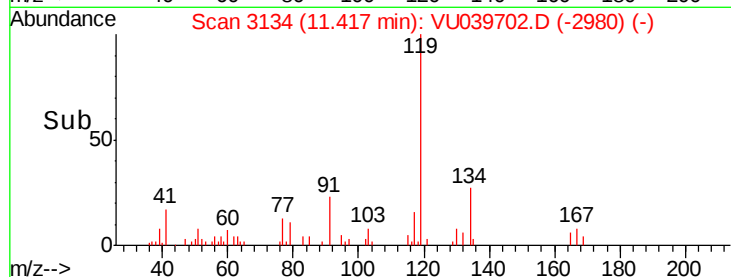
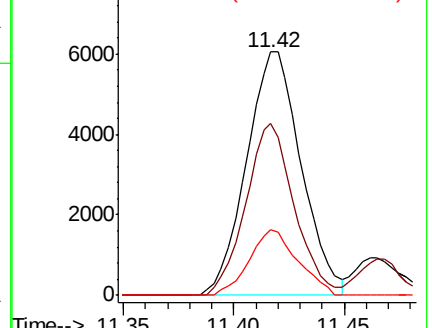
134 23.8 18.2 27.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#78

1,2,4-Trimethylbenzene

Concen: 0.412 ug/l

RT: 11.47 min Scan# 3149

Delta R.T. -0.00 min

Lab File: VU039702.D

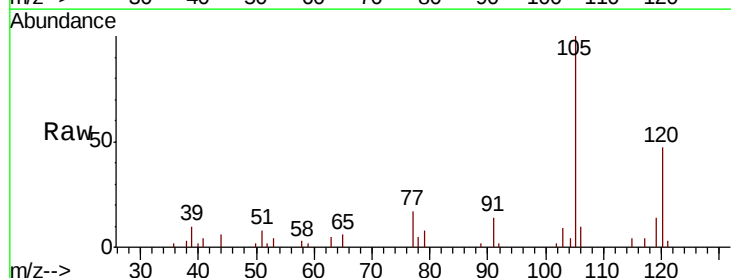
Acq: 29 Jul 2020 14:02

Tgt Ion:105 Resp: 10283

Ion Ratio Lower Upper

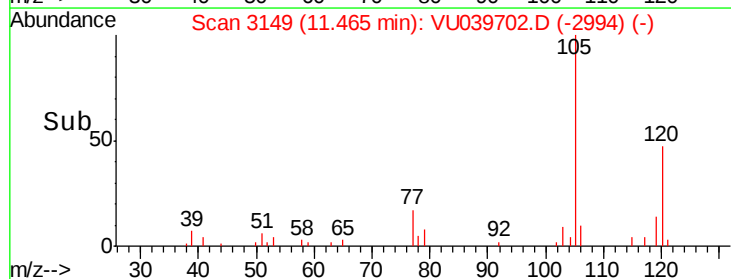
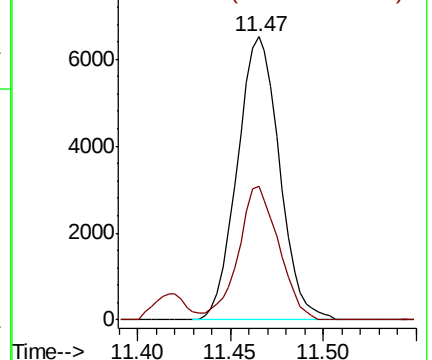
105 100

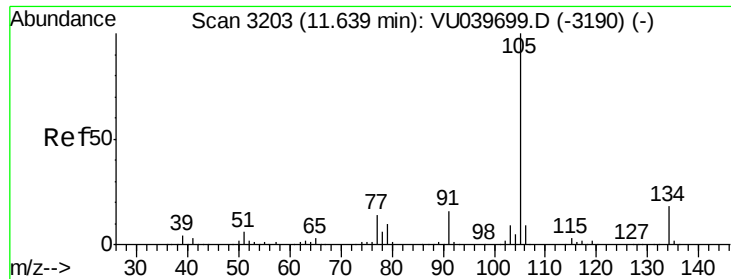
120 45.5 22.7 68.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

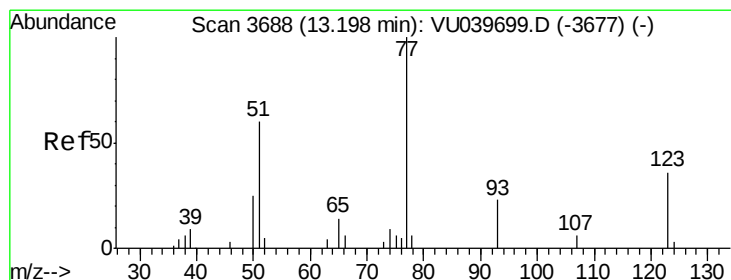
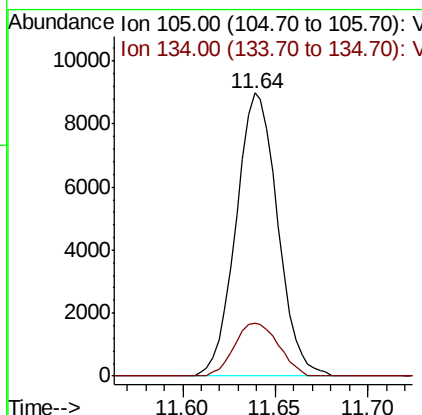
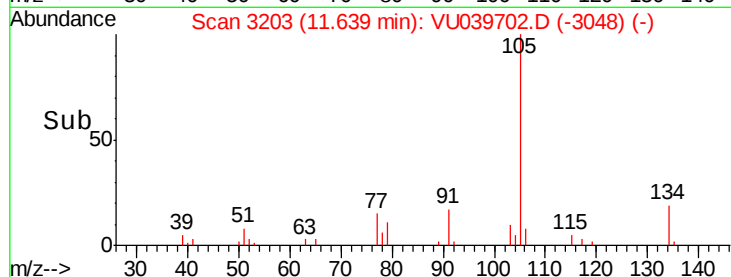
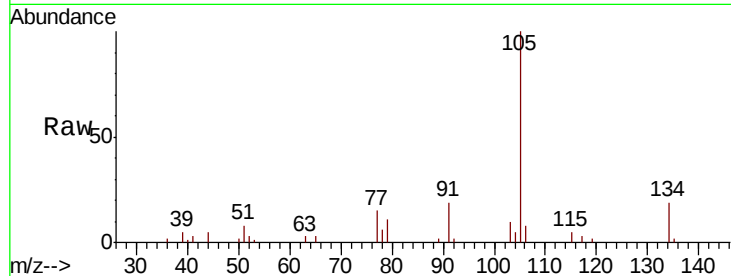




#79
 sec-Butylbenzene
 Concen: 0.426 ug/l
 RT: 11.64 min Scan# 3203
 Delta R.T. -0.00 min
 Lab File: VU039702.D
 Acq: 29 Jul 2020 14:02

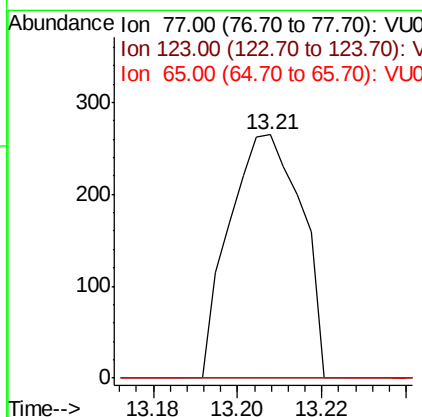
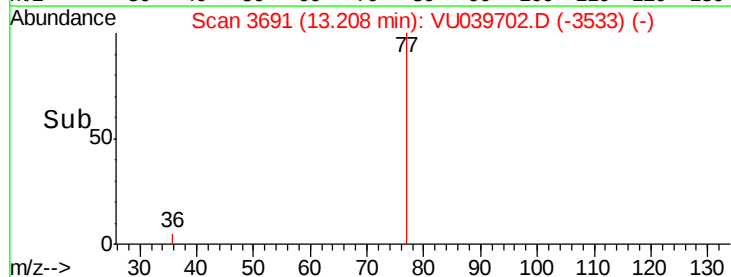
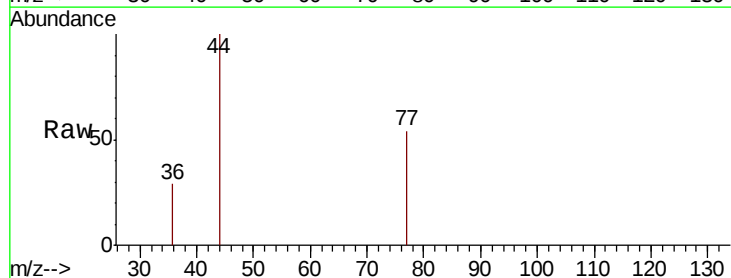
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

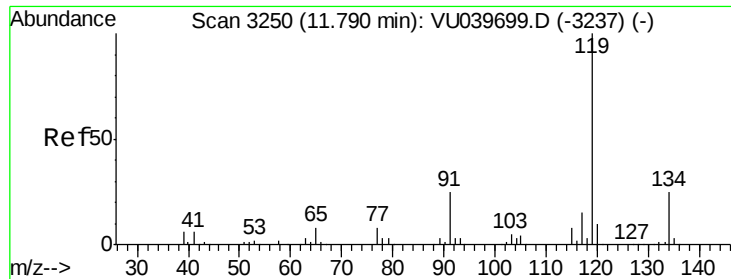
Tot Ion: 105 Resp: 14032
 Ion Ratio Lower Upper
 105 100
 134 19.8 14.8 22.2



#80
 Nitrobenzene
 Concen: 1.962 ug/l
 RT: 13.21 min Scan# 3691
 Delta R.T. 0.01 min
 Lab File: VU039702.D
 Acq: 29 Jul 2020 14:02

Tgt Ion: 77 Resp: 313
 Ion Ratio Lower Upper
 77 100
 123 0.0 16.9 59.9#
 65 0.0 14.4 18.4#

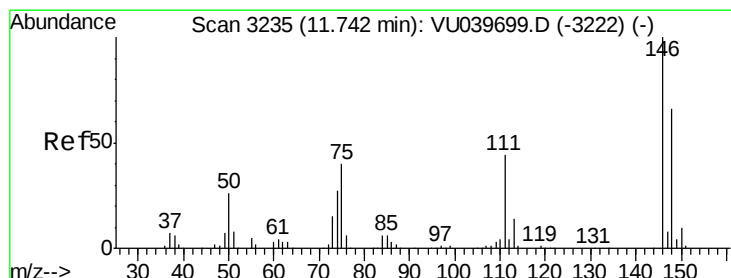
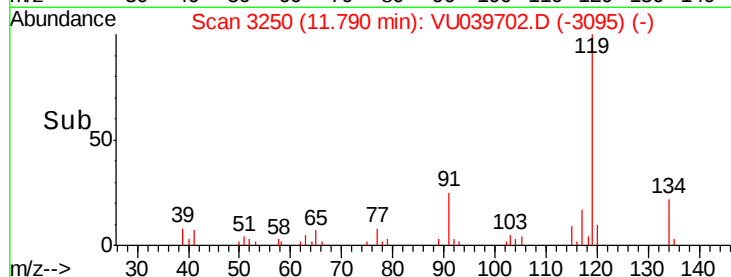
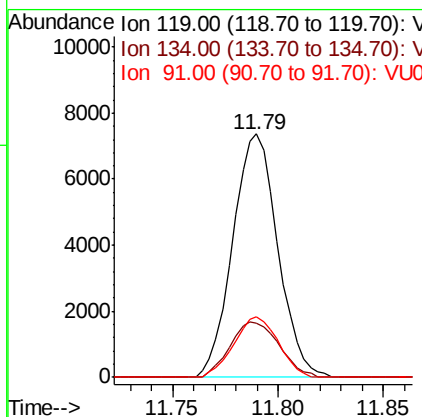
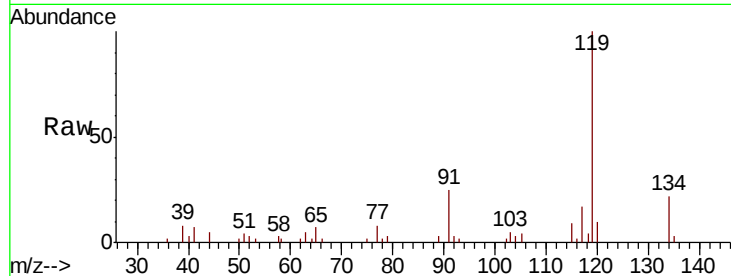




#81
 p-Isopropyltoluene
 Concen: 0.410 ug/l
 RT: 11.79 min Scan# 3250
 Delta R.T. -0.00 min
 Lab File: VU039702.D
 Acq: 29 Jul 2020 14:02

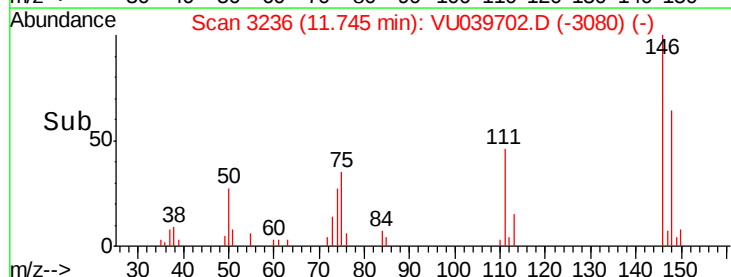
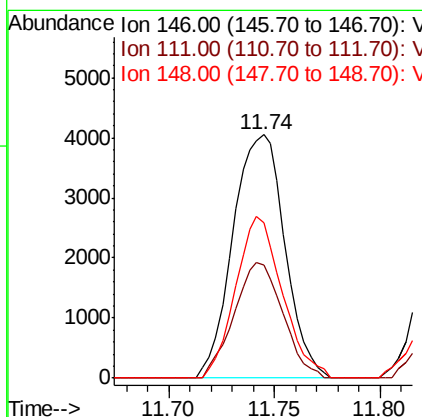
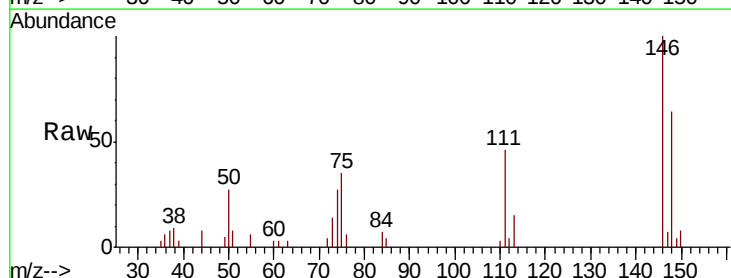
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

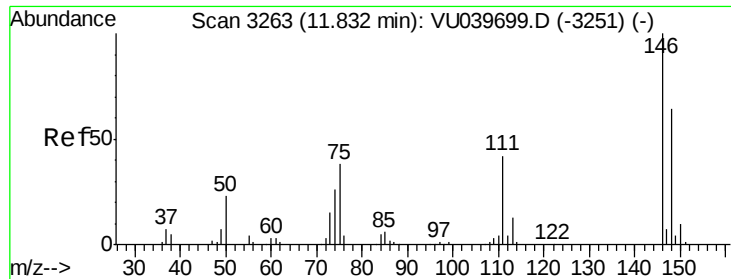
Tot Ion:119 Resp: 10904
 Ion Ratio Lower Upper
 119 100
 134 24.8 20.2 30.4
 91 24.5 20.7 31.1



#82
 1,3-Dichlorobenzene
 Concen: 0.515 ug/l
 RT: 11.74 min Scan# 3236
 Delta R.T. 0.00 min
 Lab File: VU039702.D
 Acq: 29 Jul 2020 14:02

Tgt Ion:146 Resp: 6913
 Ion Ratio Lower Upper
 146 100
 111 44.5 34.5 51.7
 148 59.8 51.4 77.0





#83

1,4-Dichlorobenzene

Concen: 0.502 ug/l

RT: 11.83 min Scan# 3263

Delta R.T. -0.00 min

Lab File: VU039702.D

Acq: 29 Jul 2020 14:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

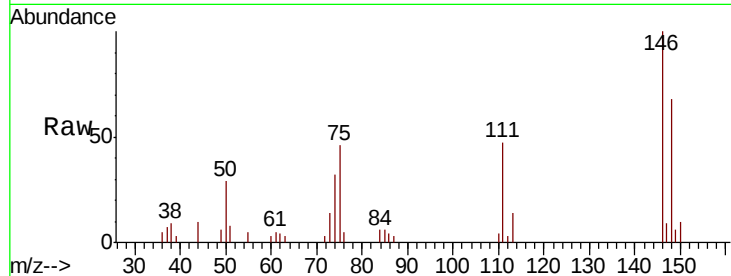
Tot Ion:146 Resp: 6818

Ion Ratio Lower Upper

146 100

111 41.4 33.8 50.6

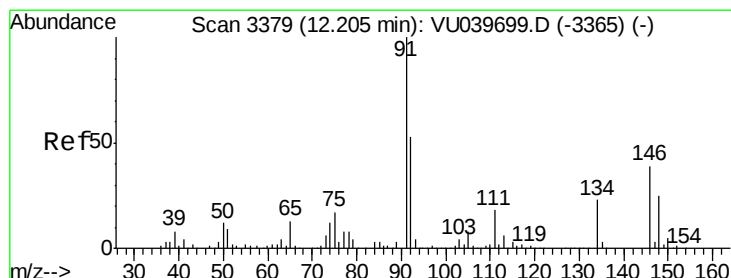
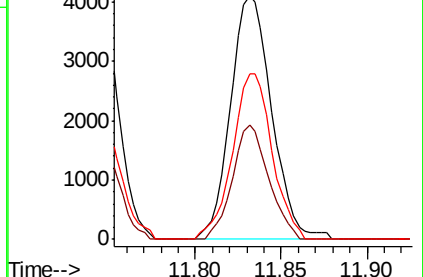
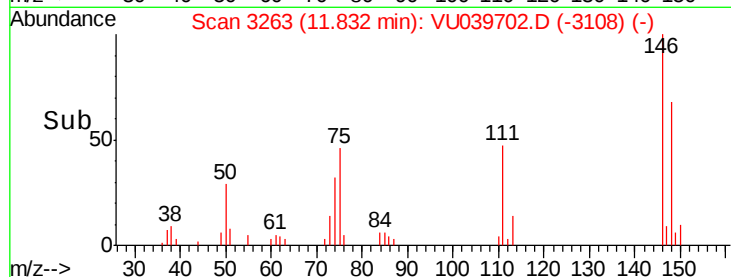
148 65.7 51.1 76.7



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

n-Butylbenzene

Concen: 0.465 ug/l

RT: 12.20 min Scan# 3379

Delta R.T. -0.00 min

Lab File: VU039702.D

Acq: 29 Jul 2020 14:02

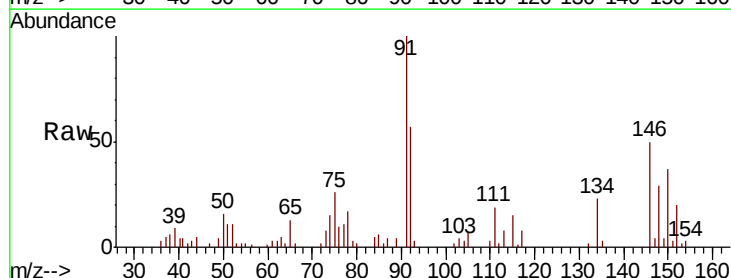
Tgt Ion: 91 Resp: 12432

Ion Ratio Lower Upper

91 100

92 55.6 42.6 64.0

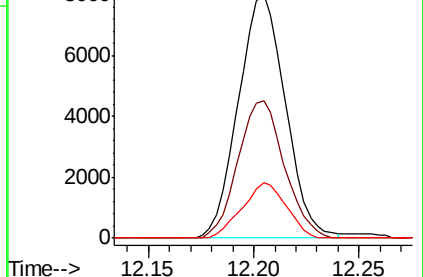
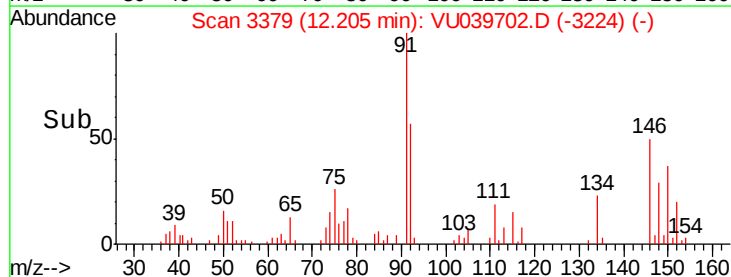
134 21.4 18.2 27.4

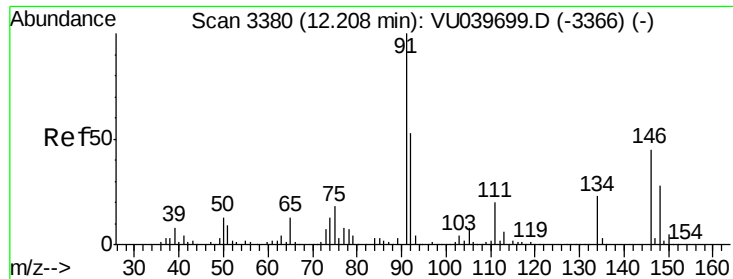


Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

Ion 134.00 (133.70 to 134.70): V

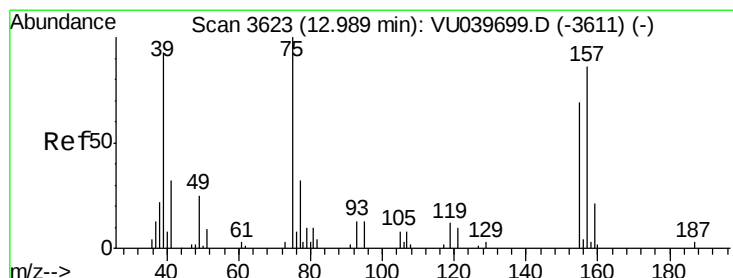
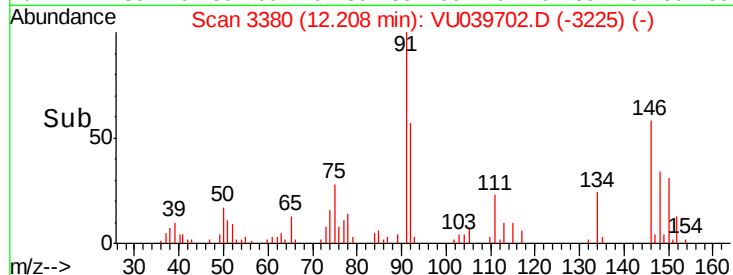
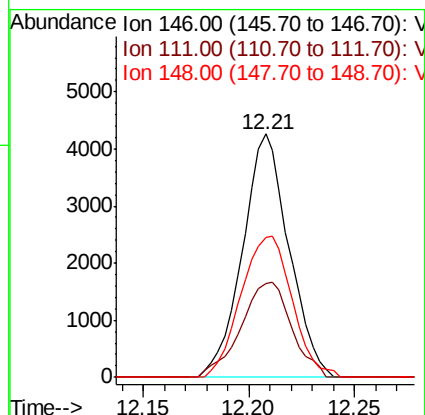
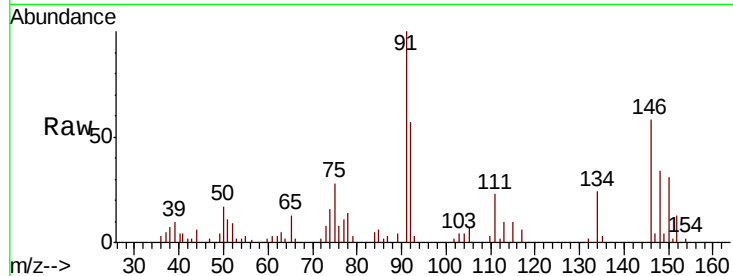




#85
 1,2-Dichlorobenzene
 Concen: 0.516 ug/l
 RT: 12.21 min Scan# 3380
 Delta R.T. -0.00 min
 Lab File: VU039702.D
 Acq: 29 Jul 2020 14:02

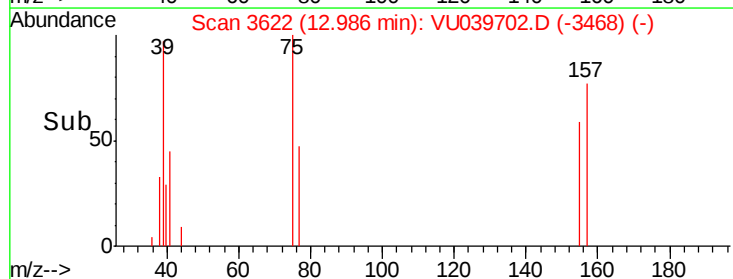
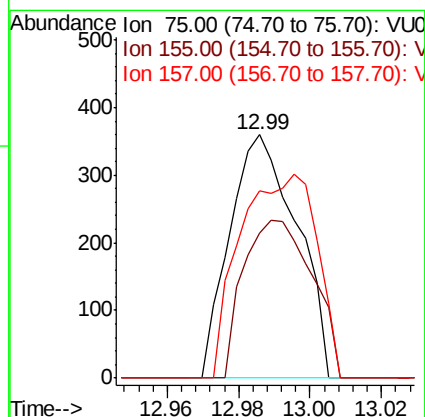
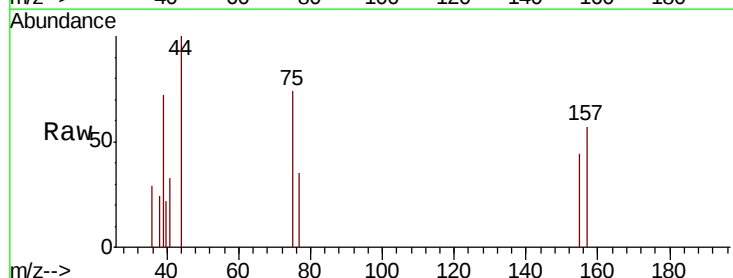
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

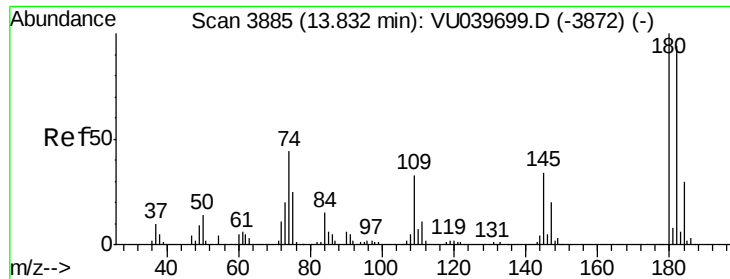
Tot Ion:146 Resp: 6494
 Ion Ratio Lower Upper
 146 100
 111 42.8 22.8 68.3
 148 64.1 31.7 95.1



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.488 ug/l
 RT: 12.99 min Scan# 3622
 Delta R.T. -0.00 min
 Lab File: VU039702.D
 Acq: 29 Jul 2020 14:02

Tgt Ion: 75 Resp: 466
 Ion Ratio Lower Upper
 75 100
 155 66.7 52.9 79.3
 157 96.1 67.8 101.6

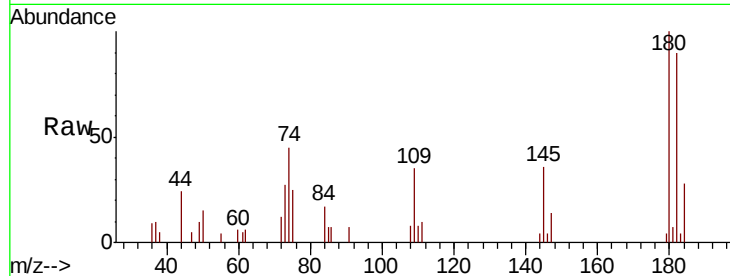




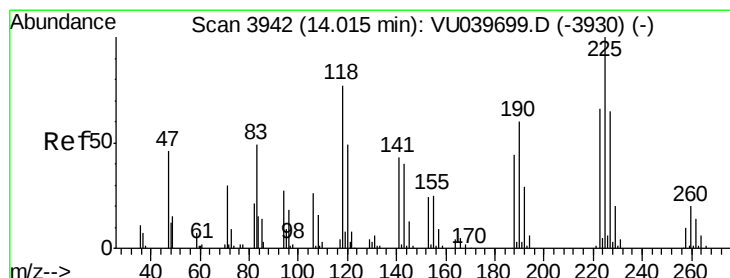
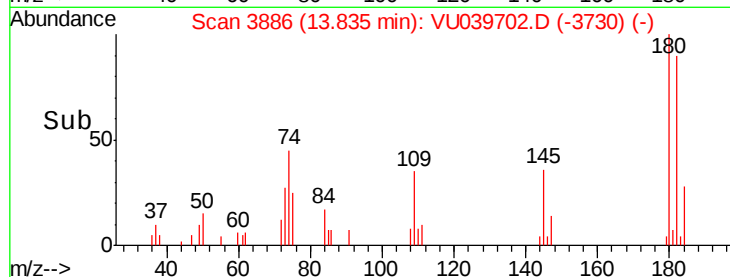
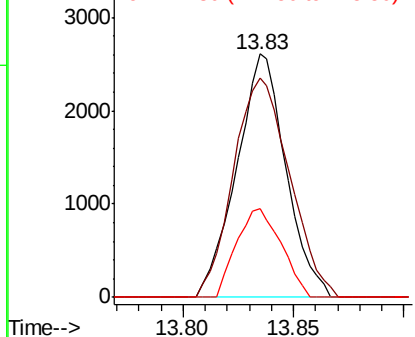
#87
 1,2,4-Trichlorobenzene
 Concen: 0.449 ug/l
 RT: 13.83 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VU039702.D
 Acq: 29 Jul 2020 14:02

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tot Ion:180 Resp: 4048
 Ion Ratio Lower Upper
 180 100
 182 102.7 76.2 114.4
 145 33.0 26.8 40.2

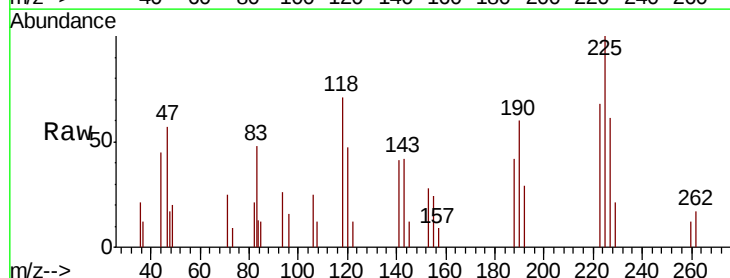


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

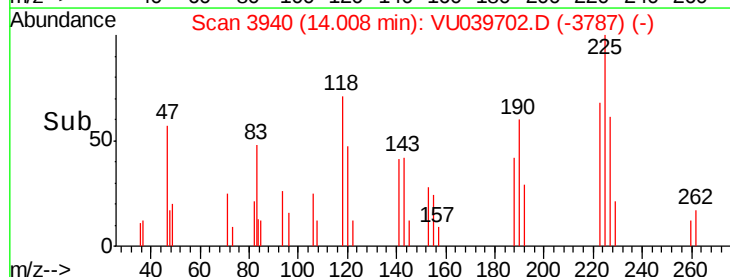
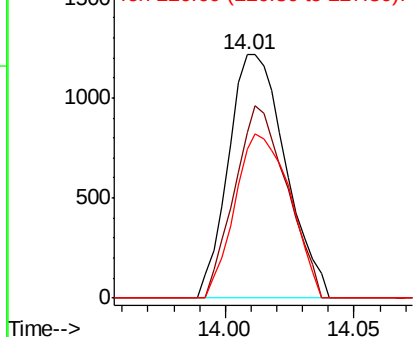


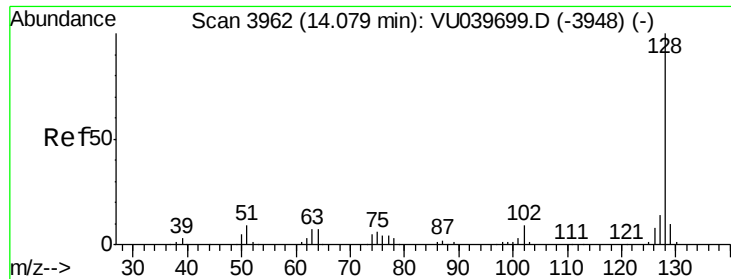
#88
 Hexachlorobutadiene
 Concen: 0.471 ug/l
 RT: 14.01 min Scan# 3940
 Delta R.T. -0.01 min
 Lab File: VU039702.D
 Acq: 29 Jul 2020 14:02

Tgt Ion:225 Resp: 1883
 Ion Ratio Lower Upper
 225 100
 223 72.3 52.4 78.6
 227 65.2 50.7 76.1



Abundance Ion 224.60 (224.30 to 225.30): V
 Ion 222.60 (222.30 to 223.30): V
 Ion 226.60 (226.30 to 227.30): V





#89

Naphthalene

Concen: 0.492 ug/l

RT: 14.08 min Scan# 3963

Delta R.T. 0.00 min

Lab File: VU039702.D

Acq: 29 Jul 2020 14:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

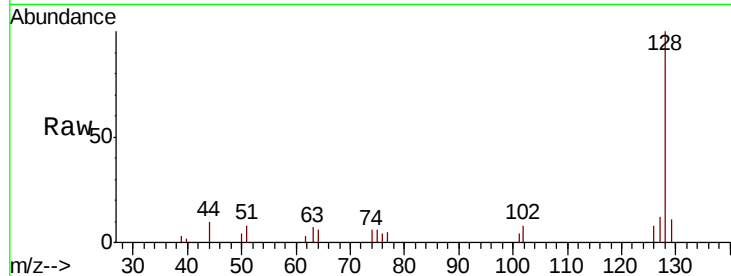
Tot Ion:128 Resp: 8734

Ion Ratio Lower Upper

128 100

127 12.0 11.0 16.4

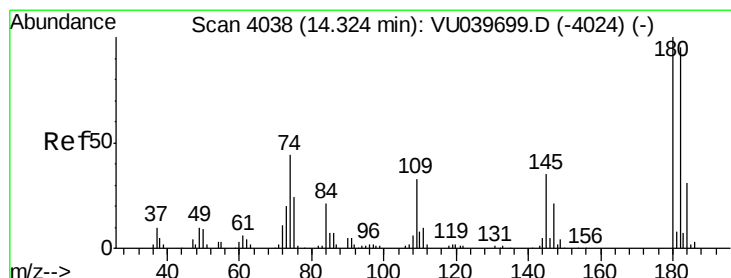
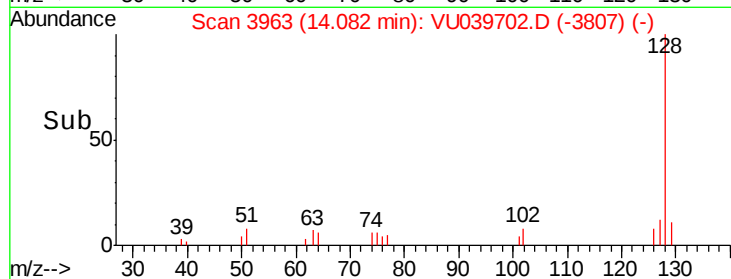
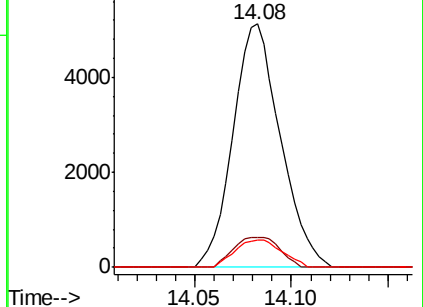
129 11.1 8.4 12.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#90

1,2,3-Trichlorobenzene

Concen: 0.469 ug/l

RT: 14.32 min Scan# 4038

Delta R.T. -0.00 min

Lab File: VU039702.D

Acq: 29 Jul 2020 14:02

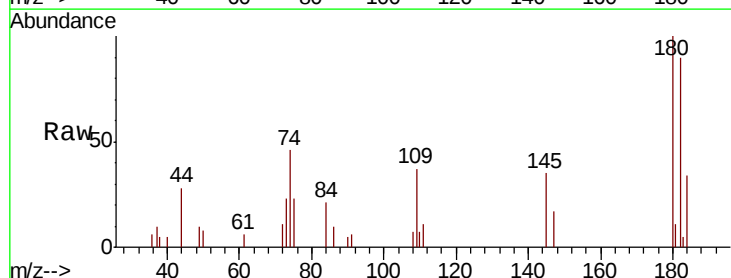
Tgt Ion:180 Resp: 3788

Ion Ratio Lower Upper

180 100

182 97.0 76.0 114.0

145 31.7 27.8 41.6



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

