

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022723\
 Data File : VU053152.D
 Acq On : 27 Feb 2023 14:13
 Operator : JC/MD
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICSVU022723

Quant Time: Feb 28 03:40:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U022723DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 28 03:35:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.112	96	27853	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	11459	0.975	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
68) 1,2-Dichlorobenzene-d4	12.189	152	10077	1.081	ug/l	0.00
Spiked Amount 1.000			Recovery	=	108.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.386	85	61384	8.683	ug/l	100
3) Chloromethane	1.521	50	71920	9.873	ug/l	98
4) Vinyl Chloride	1.605	62	83461	10.761	ug/l	99
5) Bromomethane	1.859	94	52141	11.810	ug/l	97
6) Chloroethane	1.936	64	52874	11.222	ug/l	98
7) Trichlorofluoromethane	2.142	101	113999	10.210	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.582	101	70658	10.122	ug/l	99
9) 1,1-Dichloroethene	2.582	96	68354	11.273	ug/l	99
10) Iodomethane	2.724	142	76170	12.213	ug/l	99
11) Allyl Chloride	2.923	41	98672	10.424	ug/l	99
12) Acrylonitrile	3.315	53	75315	48.513	ug/l	96
13) Acetone	2.637	43	90089	40.593	ug/l	90
14) Carbon Disulfide	2.794	76	197677	14.211	ug/l	100
15) Methylene Chloride	3.045	84	84686	9.772	ug/l	94
16) trans-1,2-Dichloroethene	3.350	96	76319	11.451	ug/l	96
17) 1,1-Dichloroethane	3.865	63	147363	10.105	ug/l	99
18) 2-Butanone	4.714	43	108510	40.725	ug/l	97
19) Cyclohexane	5.383	56	112684	9.676	ug/l	88
20) Methylcyclohexane	6.759	83	136665	12.227	ug/l	98
21) 2,2-Dichloropropane	4.662	77	128805	10.082	ug/l	99
22) cis-1,2-Dichloroethene	4.662	96	88190	10.722	ug/l	96
23) Diethyl Ether	2.376	59	49482	9.974	ug/l	98
24) tert-Butyl Alcohol	3.232	59	24421	41.905	ug/l	# 71
25) Methyl tert-Butyl Ether	3.363	73	182123	10.331	ug/l	97
26) Bromochloromethane	4.971	128	30360	9.545	ug/l	90
27) Chloroform	5.087	83	146084	9.723	ug/l	99
28) 1,1,1-Trichloroethane	5.312	97	124131	9.836	ug/l	98
29) 1,1-Dichloropropene	5.521	75	104637	11.062	ug/l	99
30) Carbon Tetrachloride	5.518	117	94487	10.873	ug/l	99
31) Isopropyl Ether	3.994	45	220870	9.495	ug/l	# 1
32) Ethyl-t-butyl ether	4.666	59	2655	0.120	ug/l	# 35
33) Tert-Amyl methyl ether	5.768	73	5204	0.297	ug/l	# 1
34) Propionitrile	4.788	54	59060	95.284	ug/l	98
35) Benzene	5.768	78	301673	10.809	ug/l	100
36) 1,2-Dichloroethane	5.791	62	82910	9.938	ug/l	99
37) Trichloroethene	6.540	130	72835	11.373	ug/l	94
38) 1,2-Dichloropropane	6.788	63	81673	10.119	ug/l	98
39) Methacrylonitrile	4.974	41	23269	8.801	ug/l	96
40) Methyl acrylate	4.849	55	42521	10.404	ug/l	98
41) Tetrahydrofuran	5.064	42	58268	44.946	ug/l	96
42) 1-Chlorobutane	5.453	56	142680	10.837	ug/l	99
43) Dibromomethane	6.916	93	39374	11.006	ug/l	98
44) Bromodichloromethane	7.103	83	102779	10.502	ug/l	98

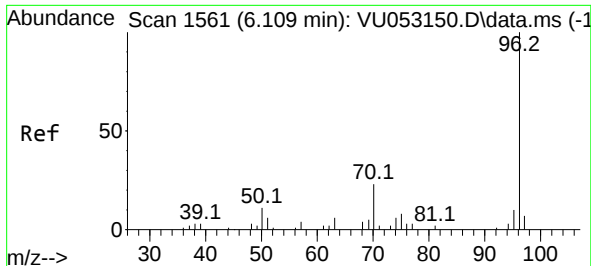
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.794	43	213544	48.890	ug/l	97
46) t-1,4-Dichloro-2-butene	10.820	75	71880	32.658	ug/l #	43
47) Methyl methacrylate	6.961	69	38505	10.457	ug/l	97
48) Ethyl methacrylate	8.334	69	80398	10.640	ug/l	97
49) Toluene	7.964	92	194957	11.343	ug/l	99
50) t-1,3-Dichloropropene	8.209	75	104921	11.036	ug/l	100
51) cis-1,3-Dichloropropene	7.604	75	126119	10.947	ug/l	96
52) 1,1,2-Trichloroethane	8.399	97	55715	10.603	ug/l	98
53) 1,3-Dichloropropane	8.572	76	99550	10.567	ug/l	100
54) 2-Hexanone	8.685	43	170016	45.685	ug/l	98
55) Dibromochloromethane	8.807	129	62656	10.451	ug/l	100
56) 1,2-Dibromoethane	8.919	107	52147	11.170	ug/l	99
58) Tetrachloroethene	8.550	164	59784	11.707	ug/l	97
59) Chlorobenzene	9.443	112	203513	10.589	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.530	131	67787	10.677	ug/l	99
61) Pentachloroethane	11.424	117	60137	10.902	ug/l	97
62) Hexachloroethane	12.472	117	65051	10.696	ug/l	97
63) Ethyl Benzene	9.566	91	396387	11.175	ug/l	99
64) m/p-Xylenes	9.691	106	300792	23.380	ug/l	96
65) o-Xylene	10.096	106	146162	11.125	ug/l	96
66) Styrene	10.112	104	242827	11.659	ug/l	98
67) Bromoform	10.289	173	31993	10.973	ug/l	100
69) Isopropylbenzene	10.482	105	390211	11.089	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.778	83	72116	10.184	ug/l	98
71) 1,2,3-Trichloropropane	10.820	75	71880	11.794	ug/l	81
72) Bromobenzene	10.778	156	78142	11.444	ug/l	94
73) n-propylbenzene	10.903	120	105723	11.324	ug/l	99
74) 2-Chlorotoluene	10.984	126	87728	11.349	ug/l	95
75) 1,3,5-Trimethylbenzene	11.083	105	333514	11.390	ug/l	99
76) 4-Chlorotoluene	11.093	126	89849	11.057	ug/l	94
77) tert-Butylbenzene	11.418	119	315404	10.992	ug/l	99
78) 1,2,4-Trimethylbenzene	11.463	105	333463	11.174	ug/l	99
79) sec-Butylbenzene	11.640	105	449511	11.289	ug/l	99
80) Nitrobenzene	13.209	77	3484	9.413	ug/l #	93
81) p-Isopropyltoluene	11.791	119	359687	11.403	ug/l	98
82) 1,3-Dichlorobenzene	11.742	146	169280	11.292	ug/l	100
83) 1,4-Dichlorobenzene	11.832	146	168858	11.033	ug/l	99
84) n-Butylbenzene	12.205	91	369983	11.322	ug/l	99
85) 1,2-Dichlorobenzene	12.209	146	154312	10.796	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.993	75	12120	9.042	ug/l	87
87) 1,2,4-Trichlorobenzene	13.836	180	103686	11.820	ug/l	99
88) Hexachlorobutadiene	14.019	225	48680	11.362	ug/l	99
89) Naphthalene	14.083	128	215042	11.523	ug/l	99
90) 1,2,3-Trichlorobenzene	14.324	180	89581	11.606	ug/l	99

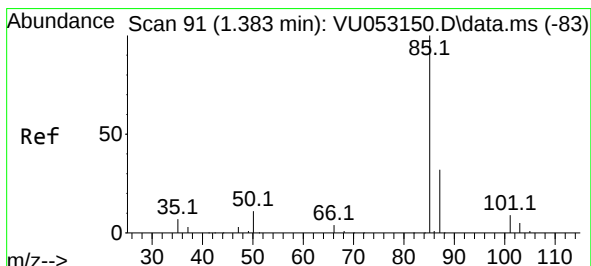
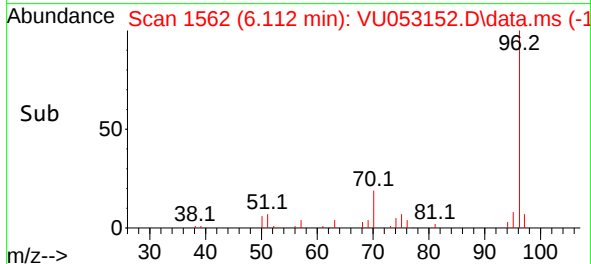
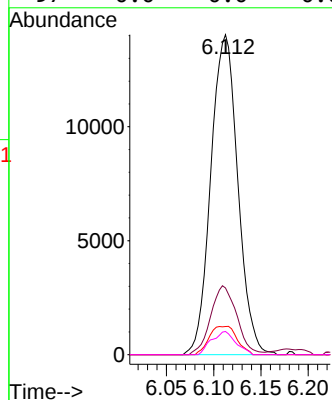
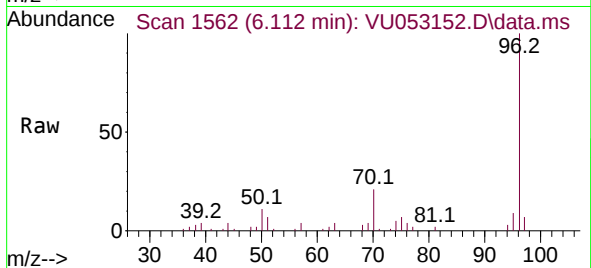
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

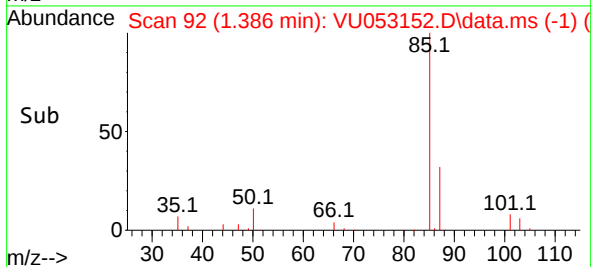
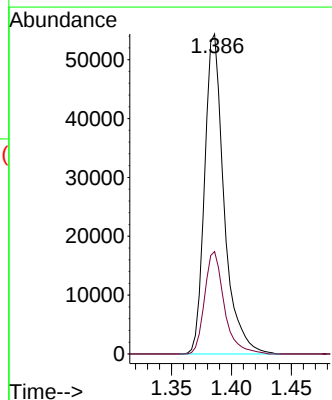
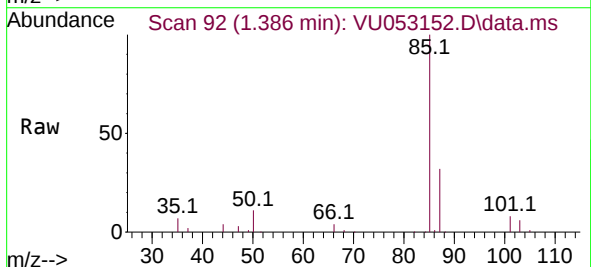
Instrument :
MSVOA_U
ClientSampleId :
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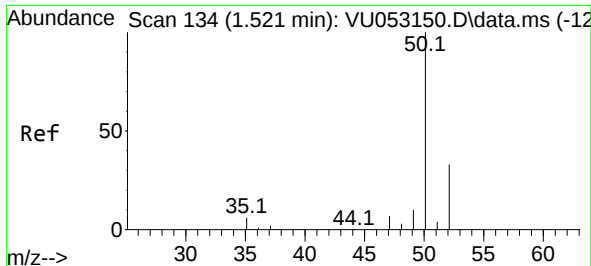
Tgt Ion: 96	Resp: 27853
Ion Ratio	Lower Upper
96 100	
70 19.9	15.5 23.3
95 9.1	7.0 10.6
97 0.0	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 8.683 ug/l
RT: 1.386 min Scan# 92
Delta R.T. 0.003 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

Tgt Ion: 85	Resp: 61384
Ion Ratio	Lower Upper
85 100	
87 32.0	16.1 48.2





#3

Chloromethane

Concen: 9.873 ug/l

RT: 1.521 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU053152.D

Acq: 27 Feb 2023 14:13

Instrument :

MSVOA_U

ClientSampleId :

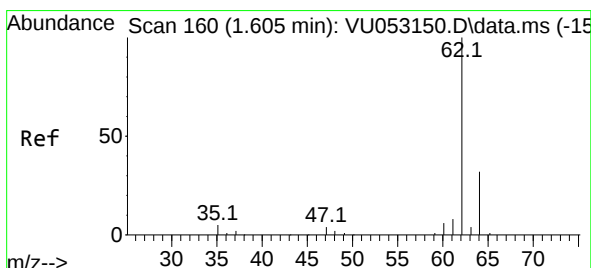
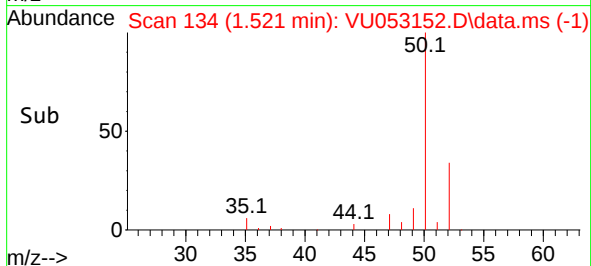
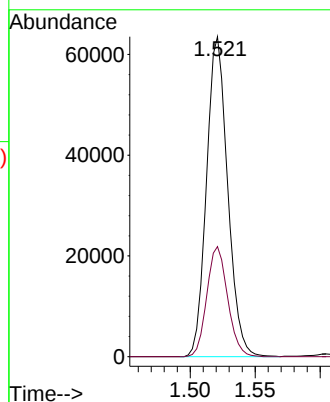
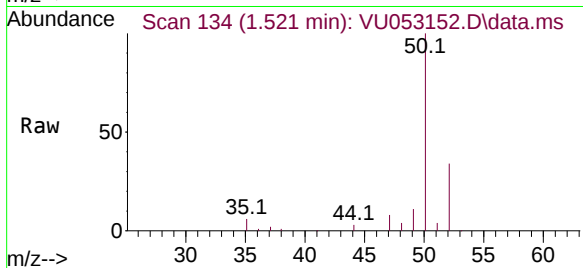
ICVVU022723

Tgt Ion: 50 Resp: 71920

Ion Ratio Lower Upper

50 100

52 34.4 26.7 40.1



#4

Vinyl Chloride

Concen: 10.761 ug/l

RT: 1.605 min Scan# 160

Delta R.T. 0.000 min

Lab File: VU053152.D

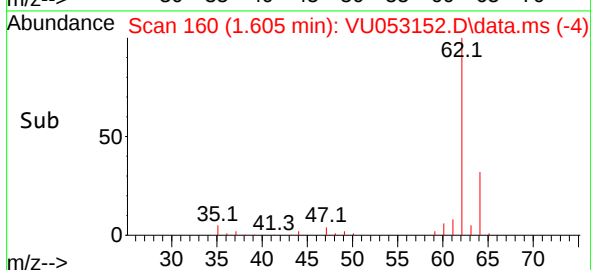
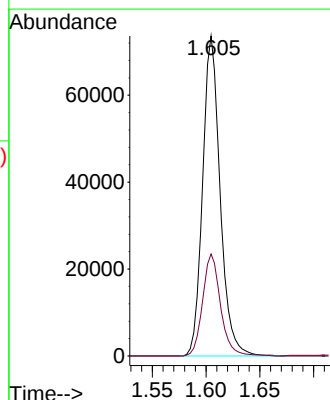
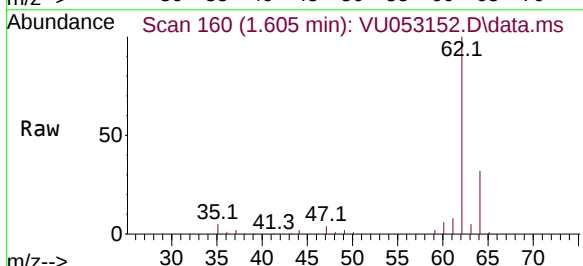
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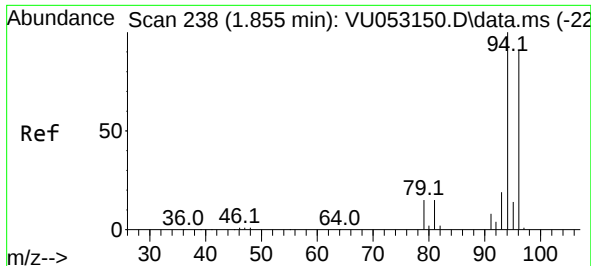
Tgt Ion: 62 Resp: 83461

Ion Ratio Lower Upper

62 100

64 31.8 25.8 38.6

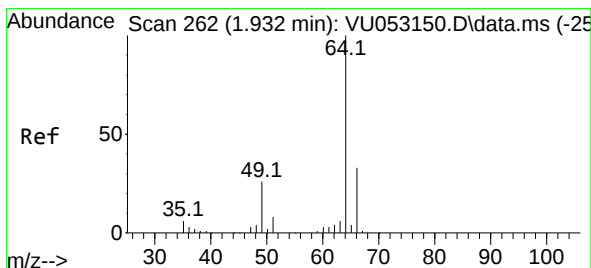
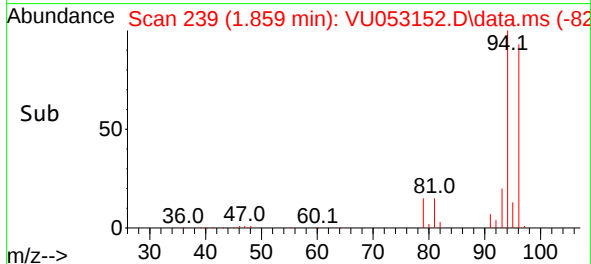
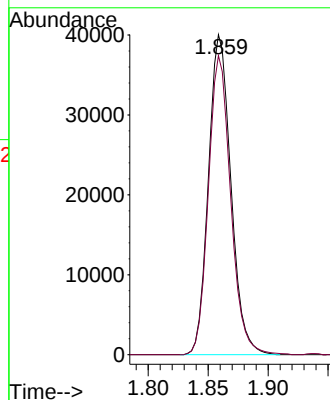
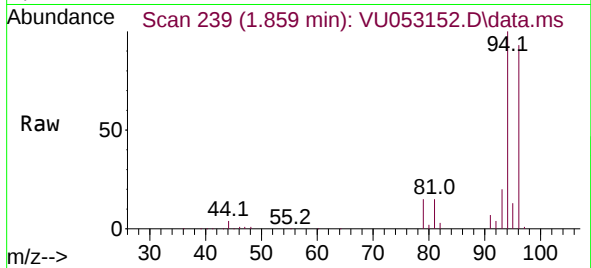




#5
Bromomethane
Concen: 11.810 ug/l
RT: 1.859 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

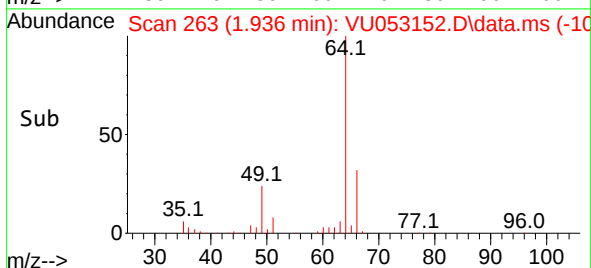
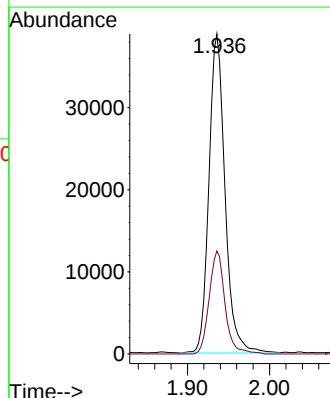
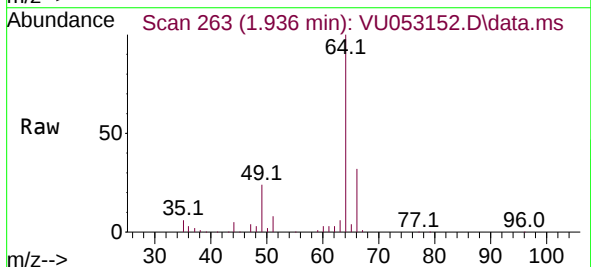
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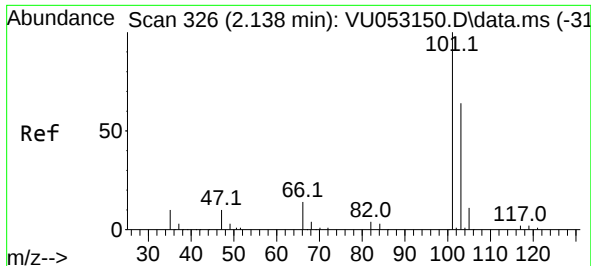
Tgt Ion: 94 Resp: 52141
Ion Ratio Lower Upper
94 100
96 93.5 72.6 108.8



#6
Chloroethane
Concen: 11.222 ug/l
RT: 1.936 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

Tgt Ion: 64 Resp: 52874
Ion Ratio Lower Upper
64 100
66 32.3 26.8 40.2

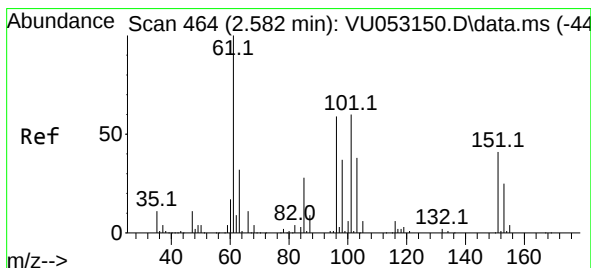
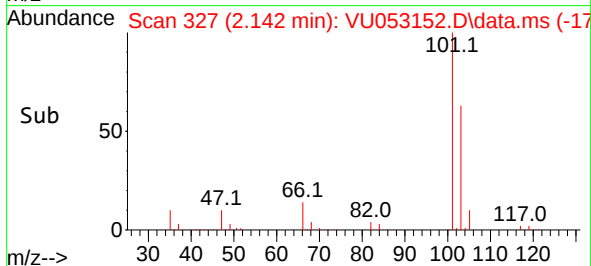
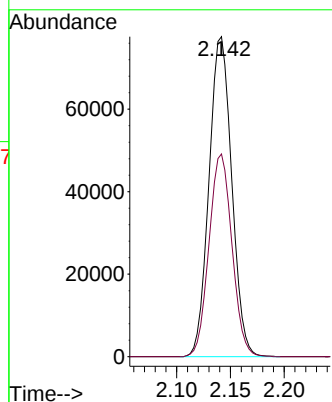
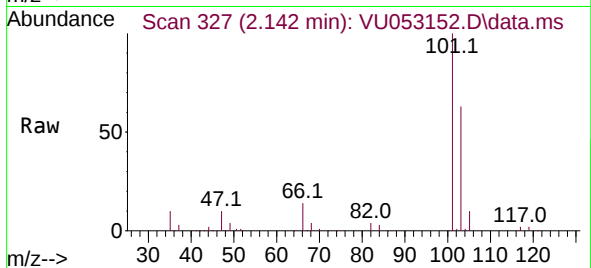




#7
Trichlorofluoromethane
Concen: 10.210 ug/l
RT: 2.142 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

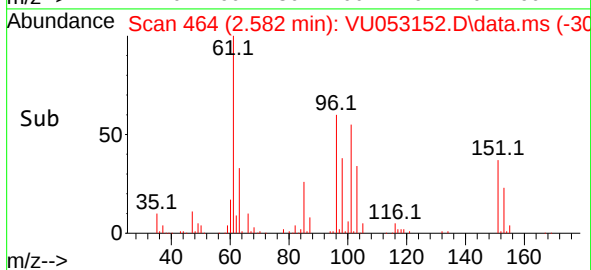
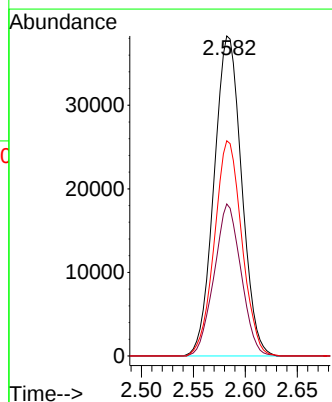
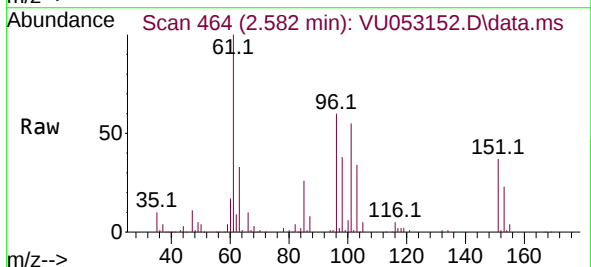
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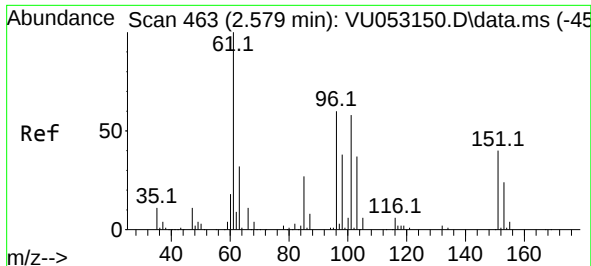
Tgt Ion:101 Resp: 113999
Ion Ratio Lower Upper
101 100
103 63.4 51.2 76.8



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.122 ug/l
RT: 2.582 min Scan# 464
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

Tgt Ion:101 Resp: 70658
Ion Ratio Lower Upper
101 100
85 46.3 37.3 55.9
151 67.0 52.4 78.6

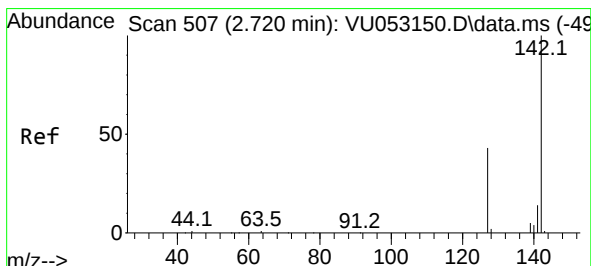
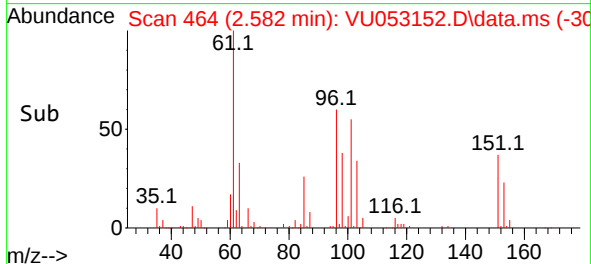
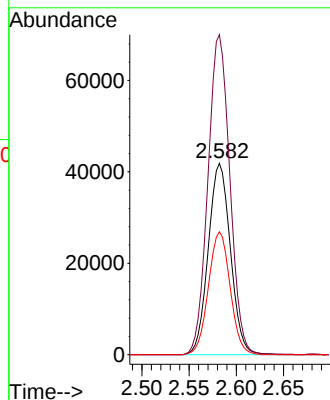
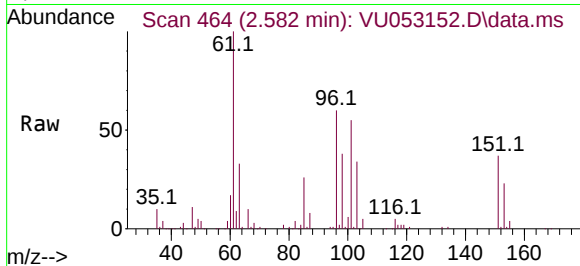




#9
1,1-Dichloroethene
Concen: 11.273 ug/l
RT: 2.582 min Scan# 464
Delta R.T. 0.003 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

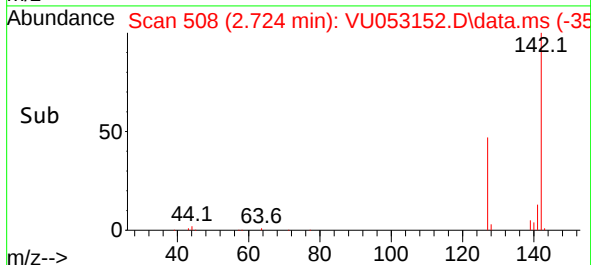
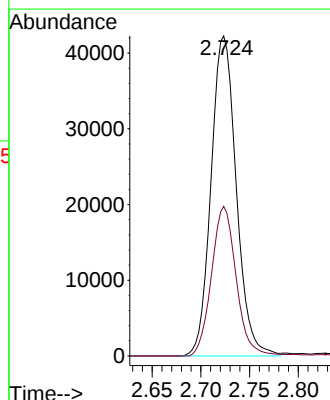
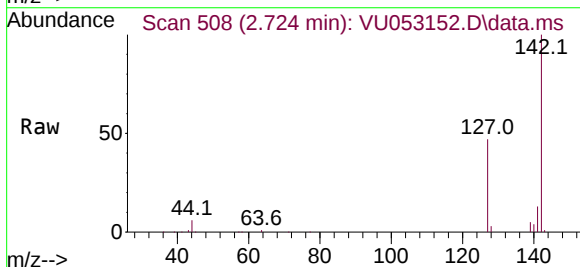
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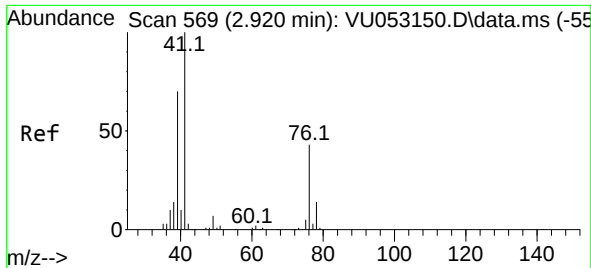
Tgt Ion: 96 Resp: 68354
Ion Ratio Lower Upper
96 100
61 167.2 0.0 502.5
98 64.2 0.0 126.2



#10
Iodomethane
Concen: 12.213 ug/l
RT: 2.724 min Scan# 508
Delta R.T. 0.003 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

Tgt Ion: 142 Resp: 76170
Ion Ratio Lower Upper
142 100
127 45.6 35.8 53.8





#11

Allyl Chloride

Concen: 10.424 ug/l

RT: 2.923 min Scan# 51

Delta R.T. 0.003 min

Lab File: VU053152.D

Acq: 27 Feb 2023 14:13

Instrument :

MSVOA_U

ClientSampleId :

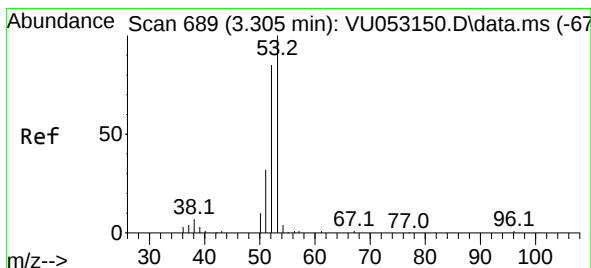
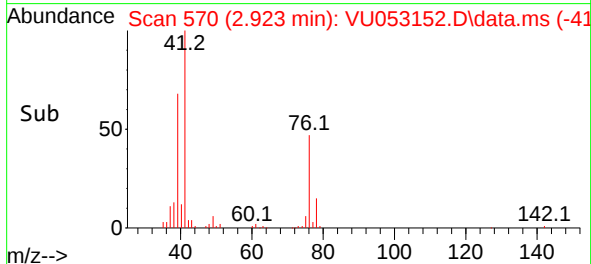
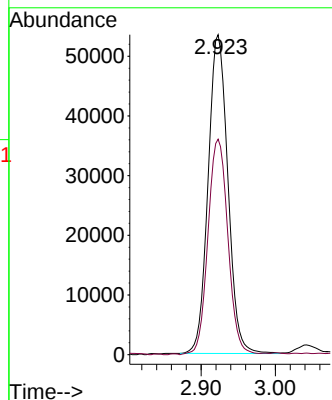
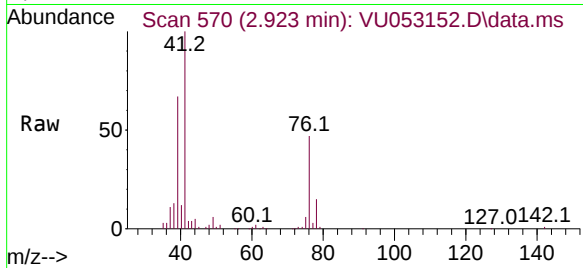
ICVVU022723

Tgt Ion: 41 Resp: 98672

Ion Ratio Lower Upper

41 100

39 68.2 55.3 82.9



#12

Acrylonitrile

Concen: 48.513 ug/l

RT: 3.315 min Scan# 692

Delta R.T. 0.010 min

Lab File: VU053152.D

Acq: 27 Feb 2023 14:13

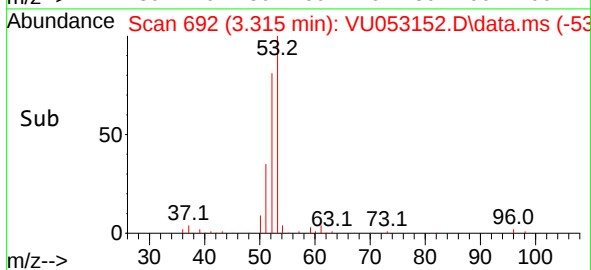
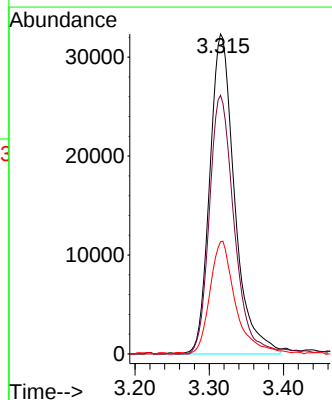
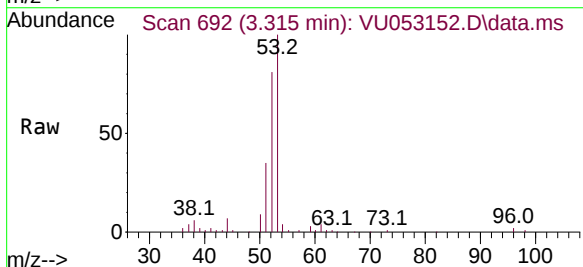
Tgt Ion: 53 Resp: 75315

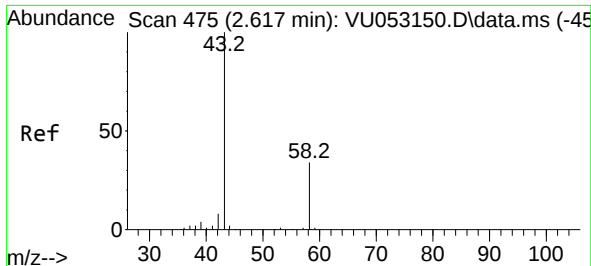
Ion Ratio Lower Upper

53 100

52 80.1 65.9 98.9

51 36.2 31.8 47.8





#13

Acetone

Concen: 40.593 ug/l

RT: 2.637 min Scan# 41

Delta R.T. 0.019 min

Lab File: VU053152.D

Acq: 27 Feb 2023 14:13

Instrument :

MSVOA_U

ClientSampleId :

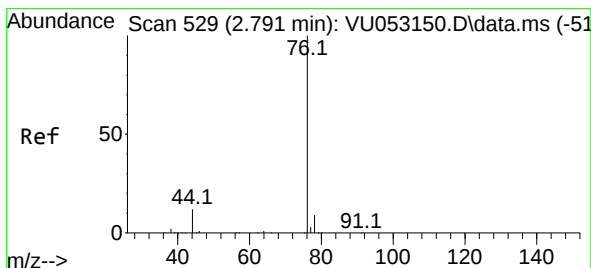
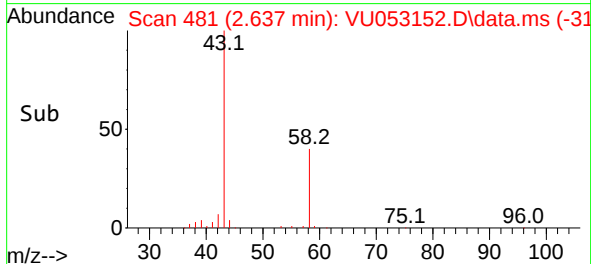
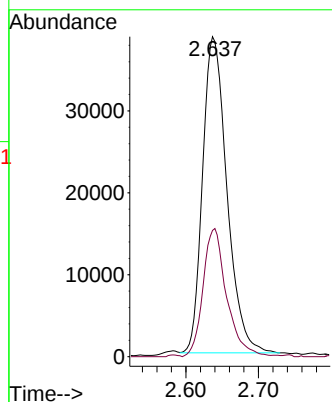
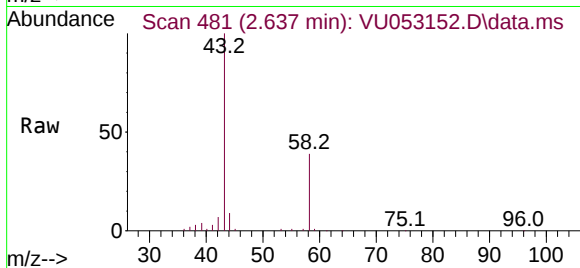
ICVVU022723

Tgt Ion: 43 Resp: 90089

Ion Ratio Lower Upper

43 100

58 39.6 27.2 40.8



#14

Carbon Disulfide

Concen: 14.211 ug/l

RT: 2.794 min Scan# 530

Delta R.T. 0.003 min

Lab File: VU053152.D

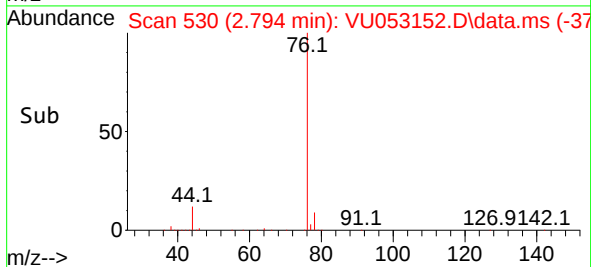
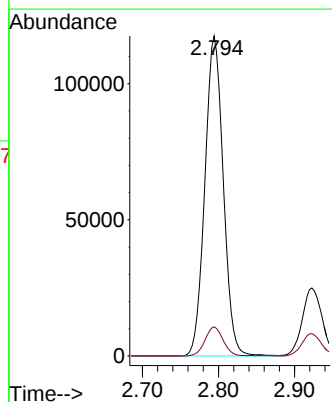
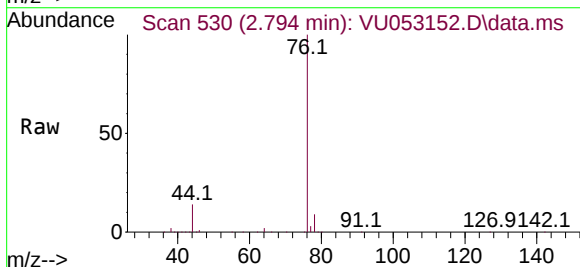
Acq: 27 Feb 2023 14:13

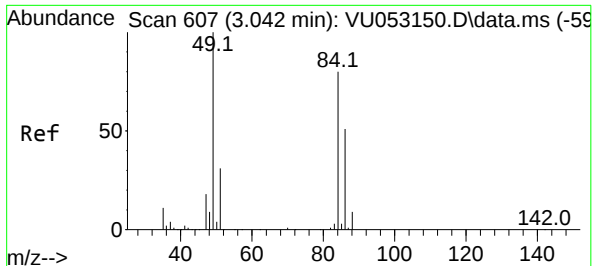
Tgt Ion: 76 Resp: 197677

Ion Ratio Lower Upper

76 100

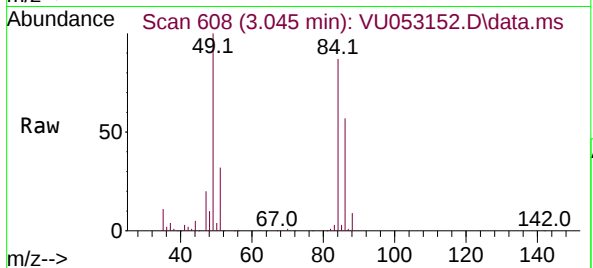
78 9.1 7.2 10.8





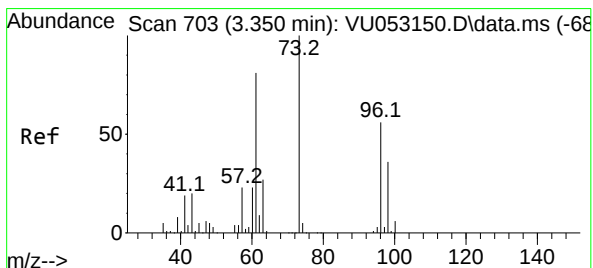
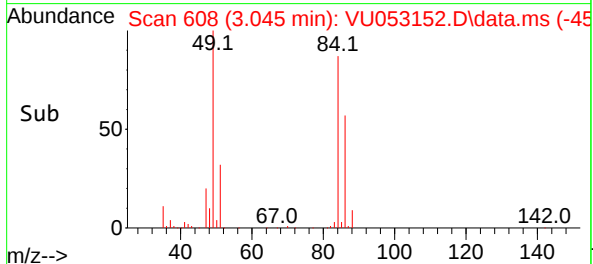
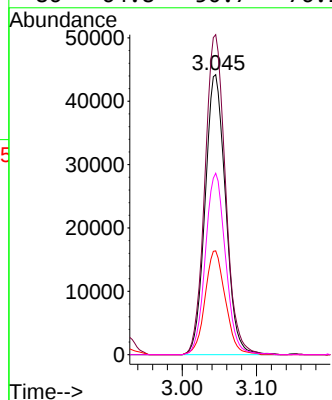
#15
Methylene Chloride
Concen: 9.772 ug/l
RT: 3.045 min Scan# 607
Delta R.T. 0.003 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

Instrument :
MSVOA_U
ClientSampleId :
ICVVU022723



Tgt Ion: 84 Resp: 84686

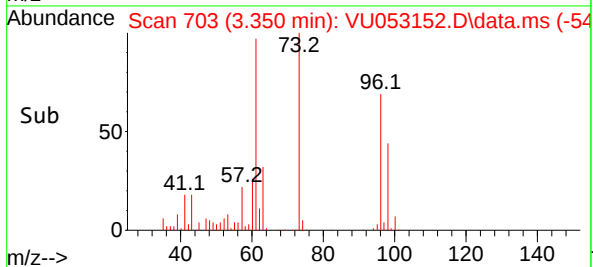
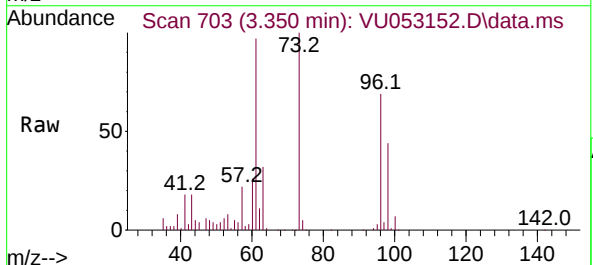
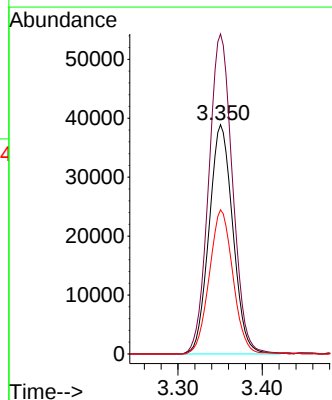
Ion	Ratio	Lower	Upper
84	100		
49	114.3	99.5	149.3
51	37.1	0.0	76.8
86	64.8	50.7	76.1

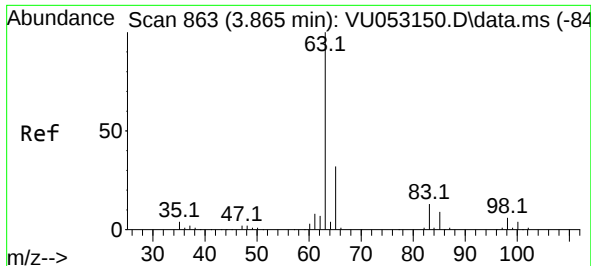


#16
trans-1,2-Dichloroethene
Concen: 11.451 ug/l
RT: 3.350 min Scan# 703
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

Tgt Ion: 96 Resp: 76319

Ion	Ratio	Lower	Upper
96	100		
61	139.6	116.1	174.1
98	62.9	51.4	77.2

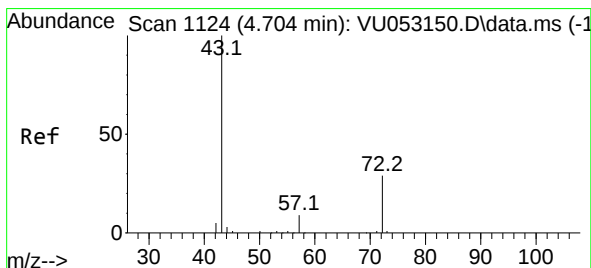
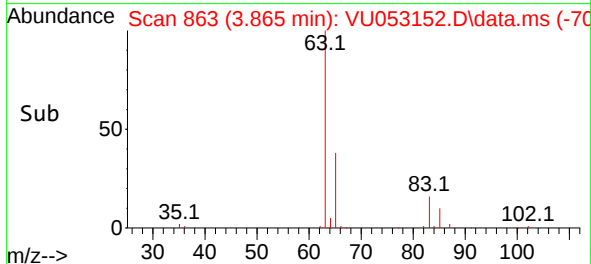
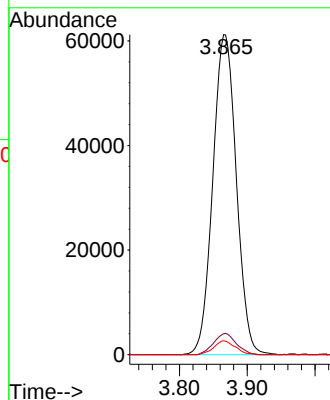
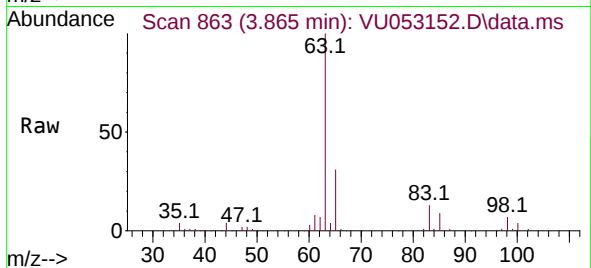




#17
1,1-Dichloroethane
Concen: 10.105 ug/l
RT: 3.865 min Scan# 863
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

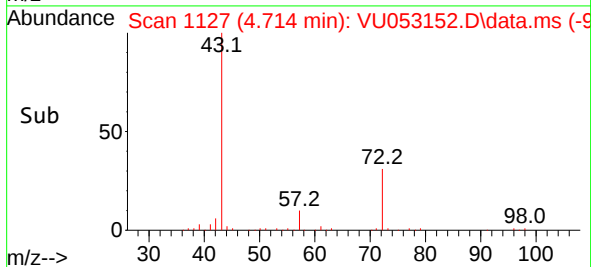
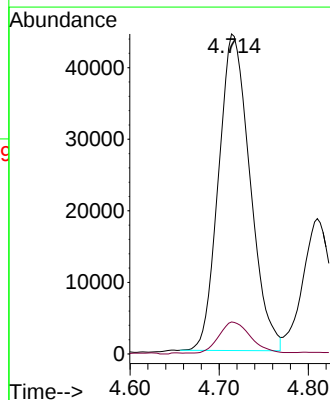
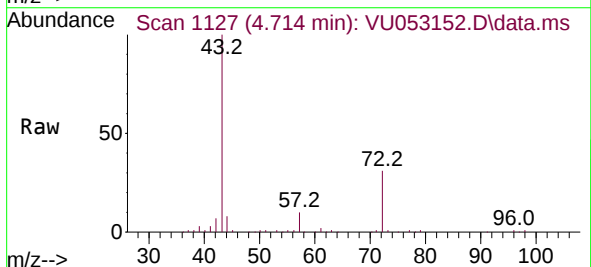
Instrument :
MSVOA_U
ClientSampleId :
ICVVU022723

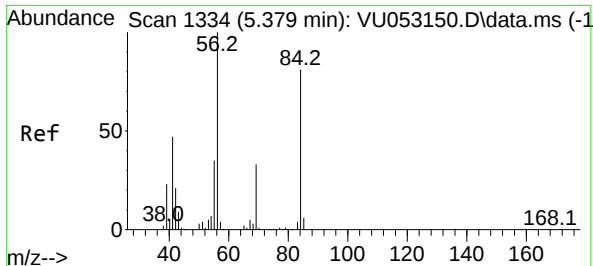
Tgt Ion: 63 Resp: 147363
Ion Ratio Lower Upper
63 100
98 6.5 3.1 9.4
100 4.3 2.1 6.2



#18
2-Butanone
Concen: 40.725 ug/l
RT: 4.714 min Scan# 1127
Delta R.T. 0.010 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

Tgt Ion: 43 Resp: 108510
Ion Ratio Lower Upper
43 100
57 9.8 0.0 17.6





#19

Cyclohexane

Concen: 9.676 ug/l

RT: 5.383 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU053152.D

Acq: 27 Feb 2023 14:13

Instrument :

MSVOA_U

ClientSampleId :

ICVVU022723

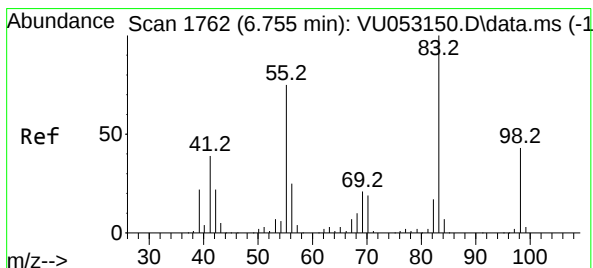
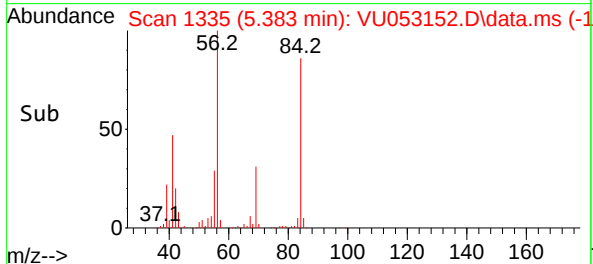
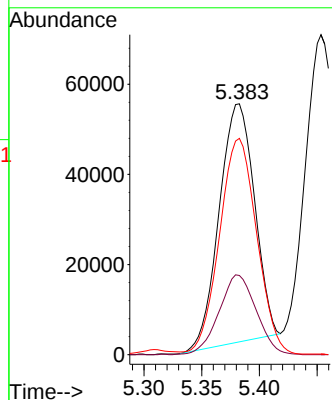
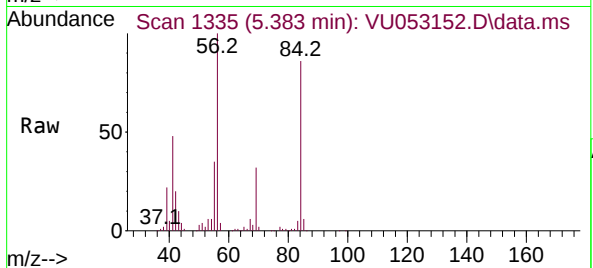
Tgt Ion: 56 Resp: 112684

Ion Ratio Lower Upper

56 100

69 35.1 26.1 39.1

84 94.1 64.7 97.1



#20

Methylcyclohexane

Concen: 12.227 ug/l

RT: 6.759 min Scan# 1763

Delta R.T. 0.003 min

Lab File: VU053152.D

Acq: 27 Feb 2023 14:13

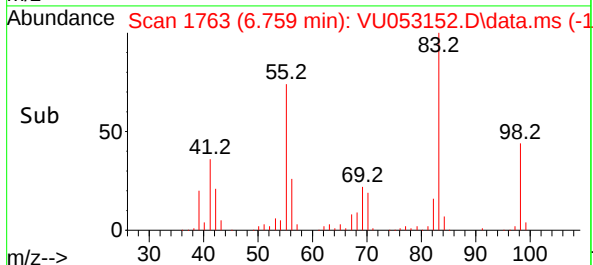
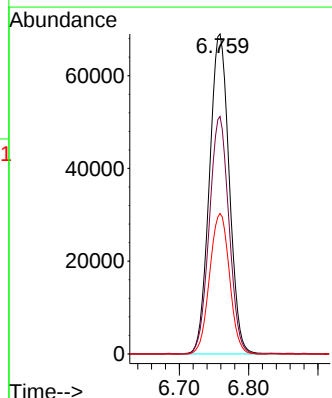
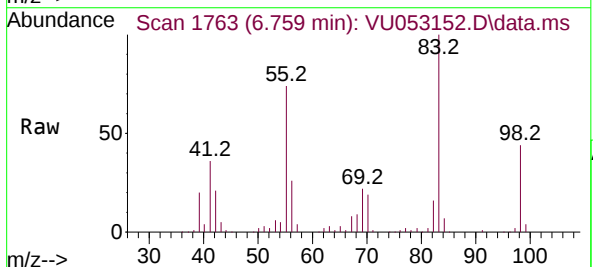
Tgt Ion: 83 Resp: 136665

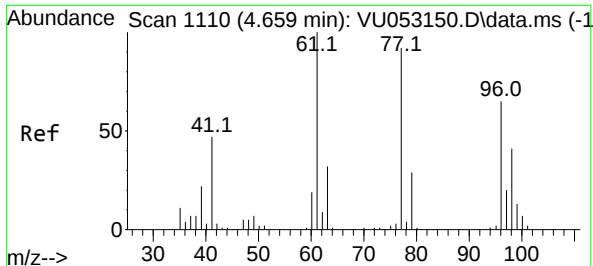
Ion Ratio Lower Upper

83 100

55 73.7 60.2 90.2

98 44.0 33.9 50.9





#21

2,2-Dichloropropane

Concen: 10.082 ug/l

RT: 4.662 min Scan# 1111

Delta R.T. 0.003 min

Lab File: VU053152.D

Acq: 27 Feb 2023 14:13

Instrument :

MSVOA_U

ClientSampleId :

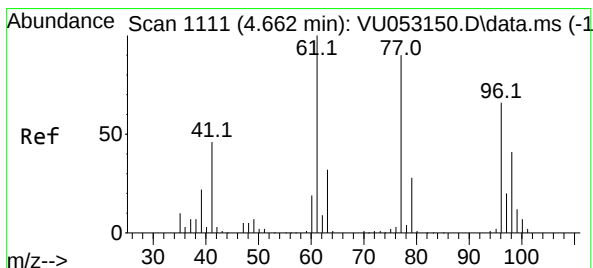
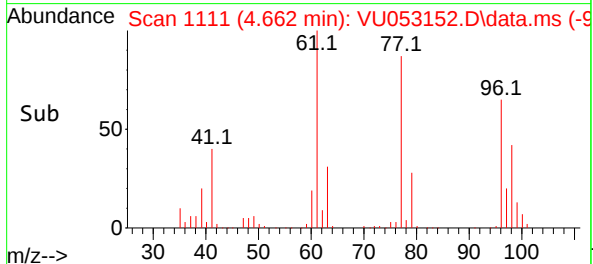
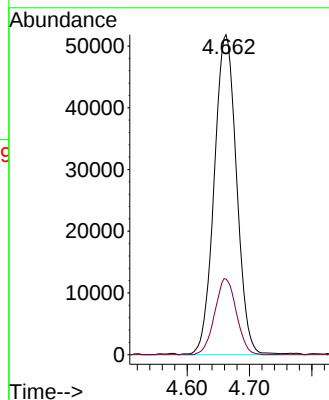
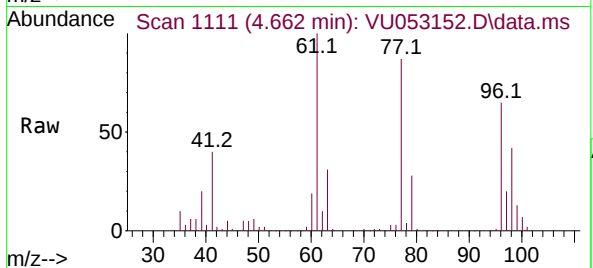
ICVVU022723

Tgt Ion: 77 Resp: 128805

Ion Ratio Lower Upper

77 100

97 23.0 17.9 26.9



#22

cis-1,2-Dichloroethene

Concen: 10.722 ug/l

RT: 4.662 min Scan# 1111

Delta R.T. 0.000 min

Lab File: VU053152.D

Acq: 27 Feb 2023 14:13

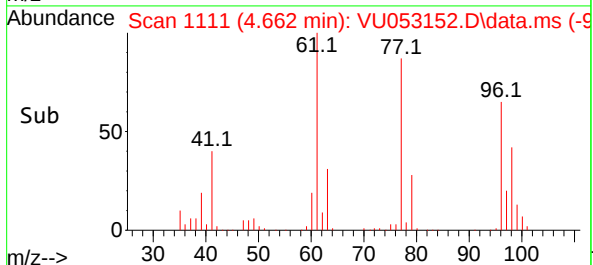
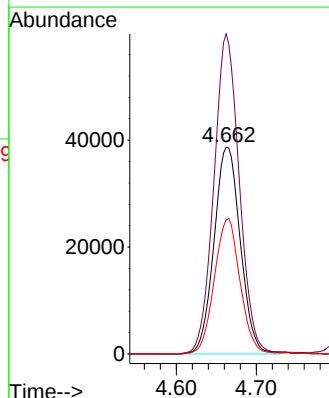
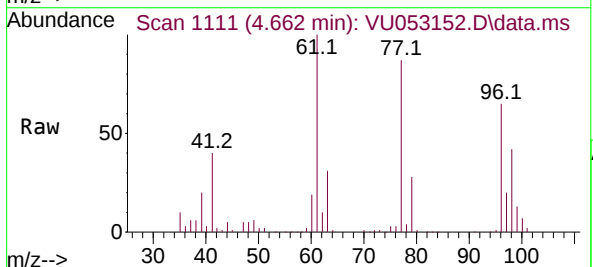
Tgt Ion: 96 Resp: 88190

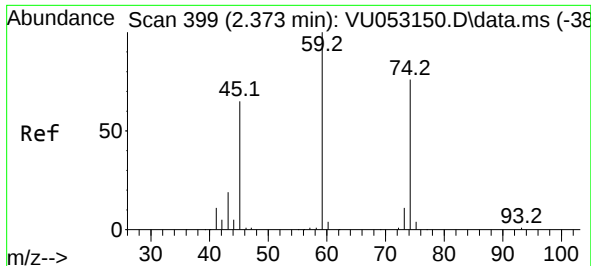
Ion Ratio Lower Upper

96 100

61 149.9 0.0 390.5

98 64.0 31.9 95.9

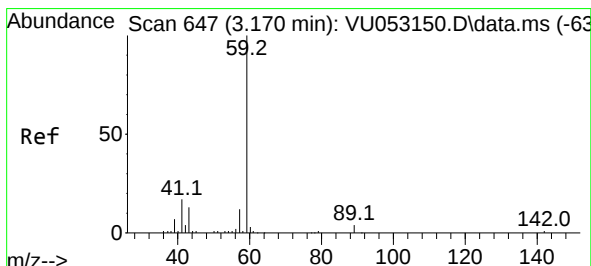
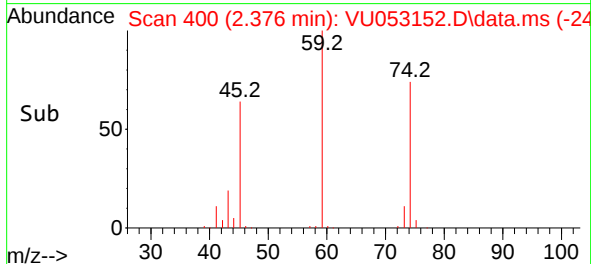
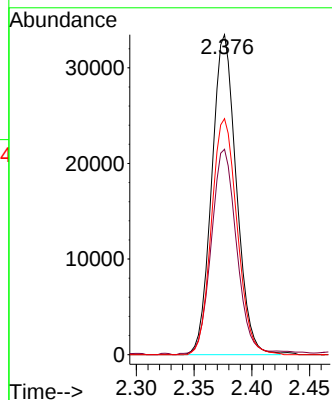
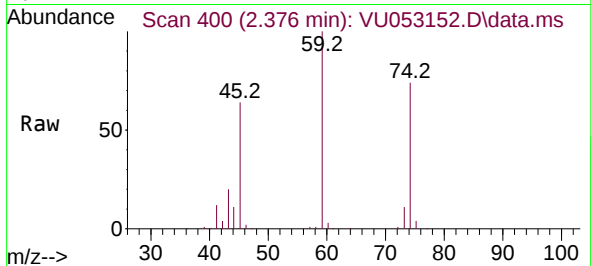




#23
Diethyl Ether
Concen: 9.974 ug/l
RT: 2.376 min Scan# 40
Delta R.T. 0.003 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

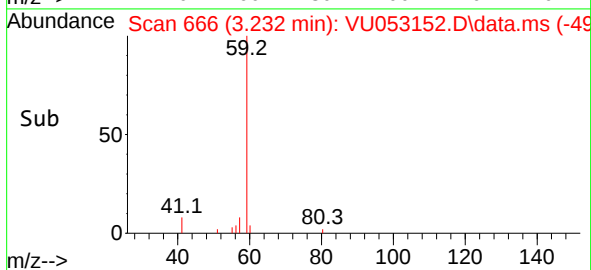
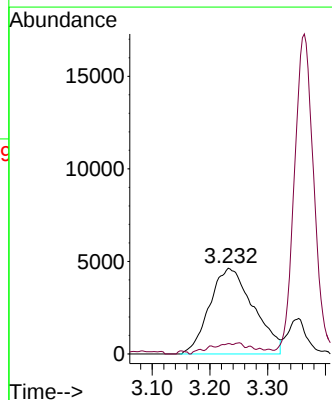
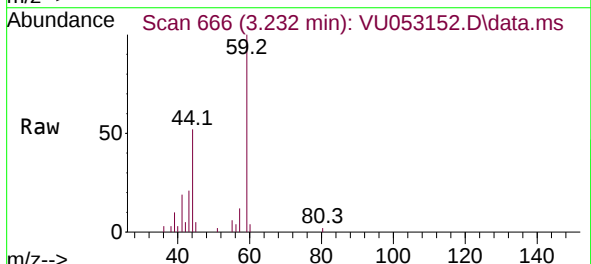
Instrument :
MSVOA_U
ClientSampleId :
ICVVU022723

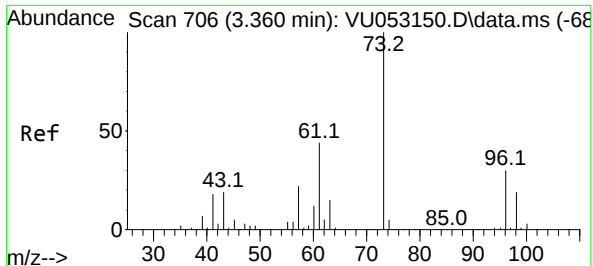
Tgt Ion: 59 Resp: 49482
Ion Ratio Lower Upper
59 100
45 66.1 54.2 81.2
74 77.0 60.4 90.6



#24
tert-Butyl Alcohol
Concen: 41.905 ug/l
RT: 3.232 min Scan# 666
Delta R.T. 0.061 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

Tgt Ion: 59 Resp: 24421
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

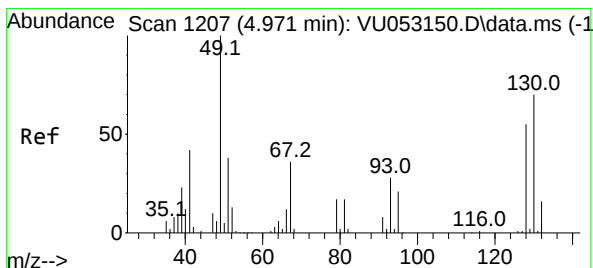
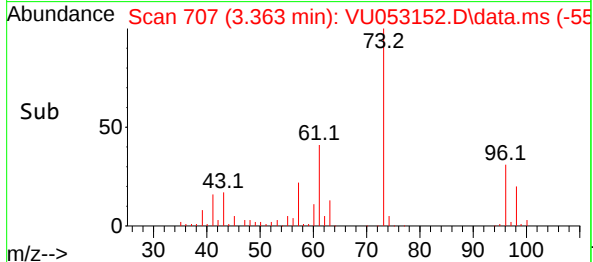
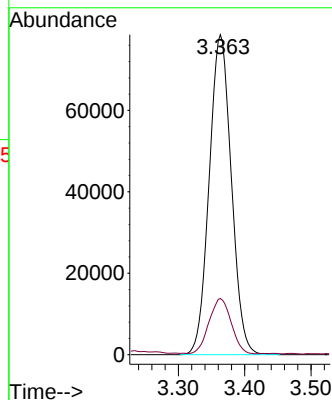
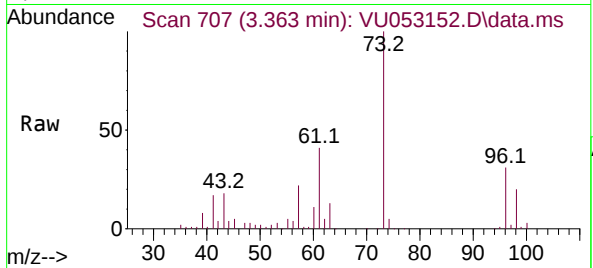




#25
Methyl tert-Butyl Ether
Concen: 10.331 ug/l
RT: 3.363 min Scan# 706
Delta R.T. 0.003 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

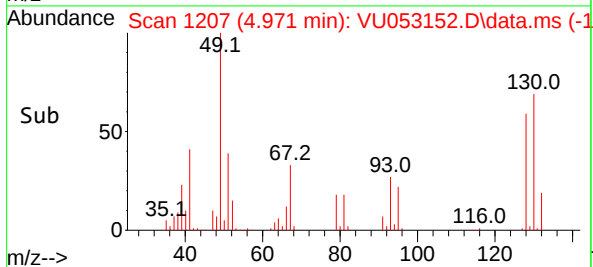
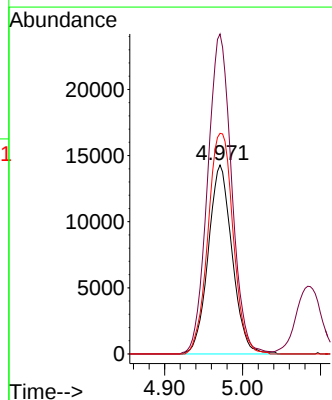
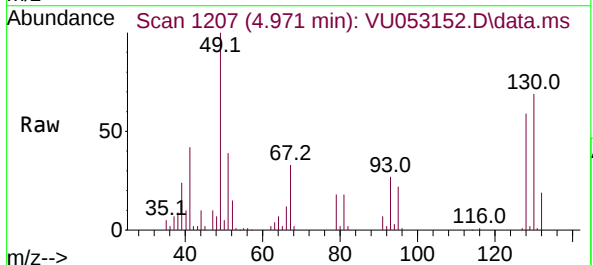
Instrument :
MSVOA_U
ClientSampleId :
ICVVU022723

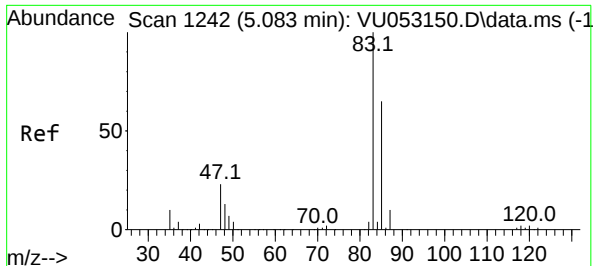
Tgt Ion: 73 Resp: 182123
Ion Ratio Lower Upper
73 100
43 17.3 15.0 22.6



#26
Bromochloromethane
Concen: 9.545 ug/l
RT: 4.971 min Scan# 1207
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

Tgt Ion: 128 Resp: 30360
Ion Ratio Lower Upper
128 100
49 170.9 0.0 376.8
130 123.4 104.8 157.2





#27

Chloroform

Concen: 9.723 ug/l

RT: 5.087 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU053152.D

Acq: 27 Feb 2023 14:13

Instrument :

MSVOA_U

ClientSampleId :

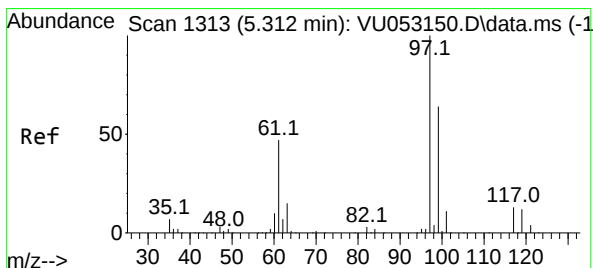
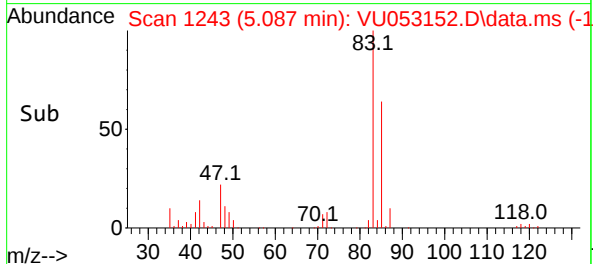
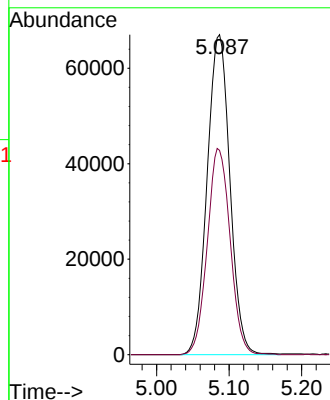
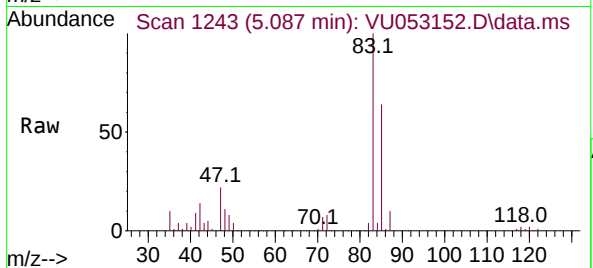
ICVVU022723

Tgt Ion: 83 Resp: 146084

Ion Ratio Lower Upper

83 100

85 63.9 0.0 129.2



#28

1,1,1-Trichloroethane

Concen: 9.836 ug/l

RT: 5.312 min Scan# 1313

Delta R.T. 0.000 min

Lab File: VU053152.D

Acq: 27 Feb 2023 14:13

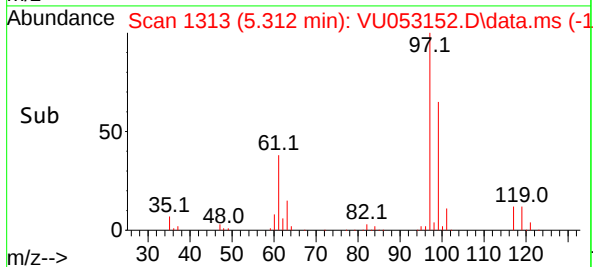
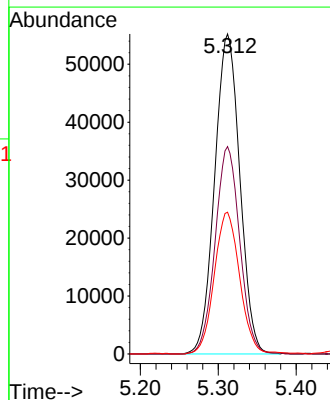
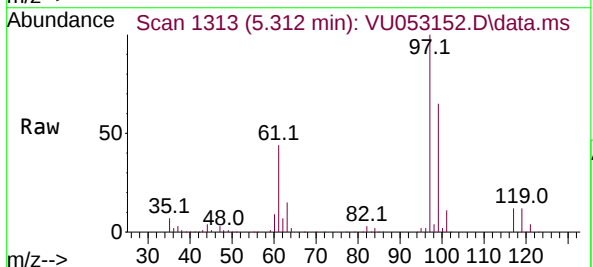
Tgt Ion: 97 Resp: 124131

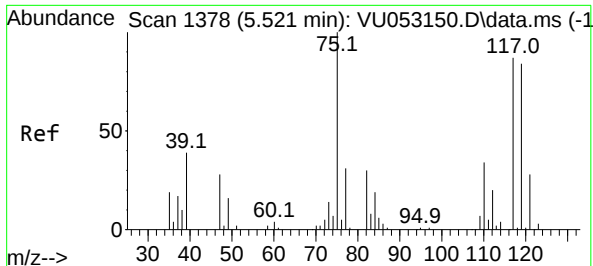
Ion Ratio Lower Upper

97 100

99 63.3 31.6 94.8

61 44.9 23.9 71.7





#29

1,1-Dichloropropene

Concen: 11.062 ug/l

RT: 5.521 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU053152.D

Acq: 27 Feb 2023 14:13

Instrument :

MSVOA_U

ClientSampleId :

ICVVU022723

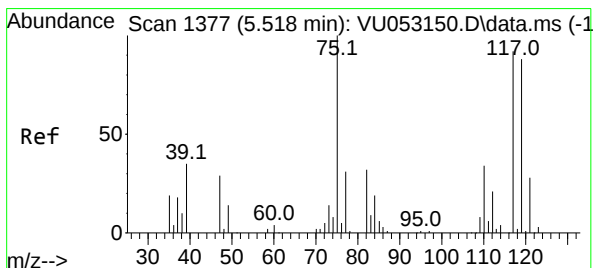
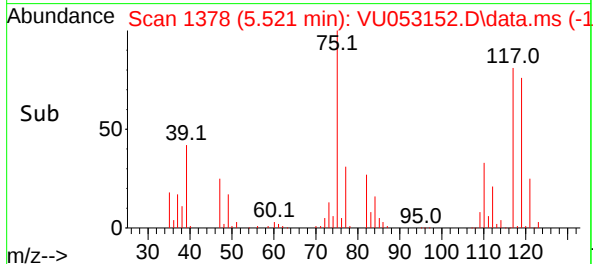
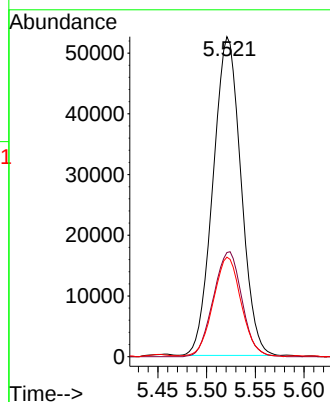
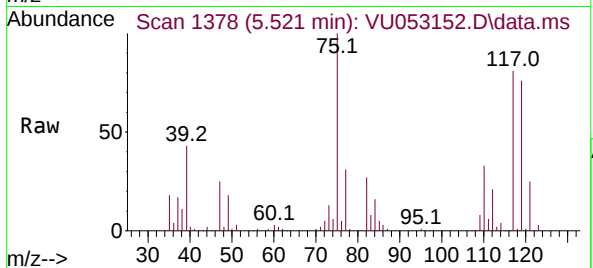
Tgt Ion: 75 Resp: 104637

Ion Ratio Lower Upper

75 100

110 33.6 16.3 48.8

77 31.6 24.9 37.3



#30

Carbon Tetrachloride

Concen: 10.873 ug/l

RT: 5.518 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VU053152.D

Acq: 27 Feb 2023 14:13

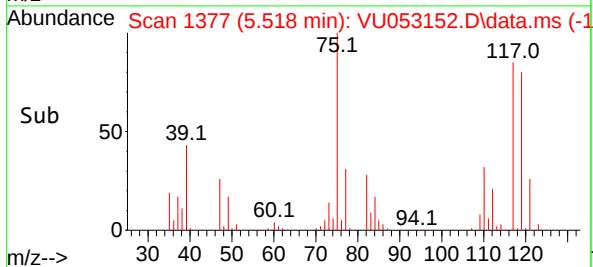
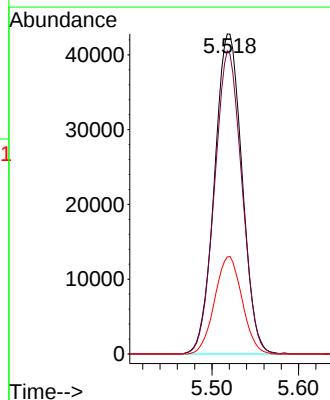
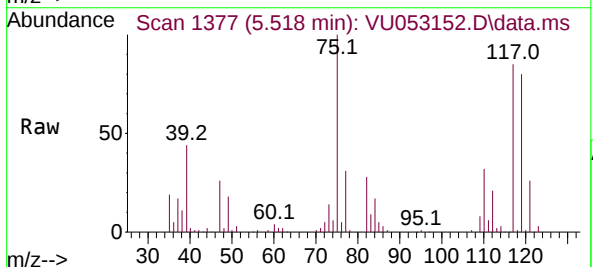
Tgt Ion: 117 Resp: 94487

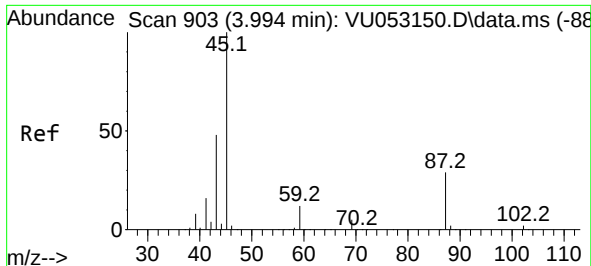
Ion Ratio Lower Upper

117 100

119 94.7 76.2 114.2

121 30.3 24.6 36.8

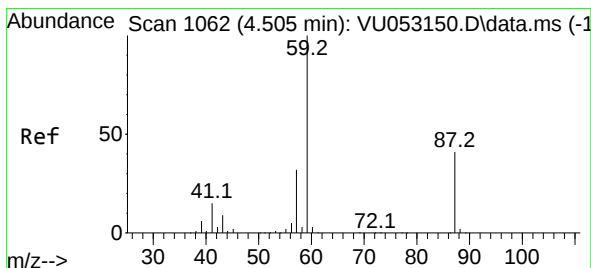
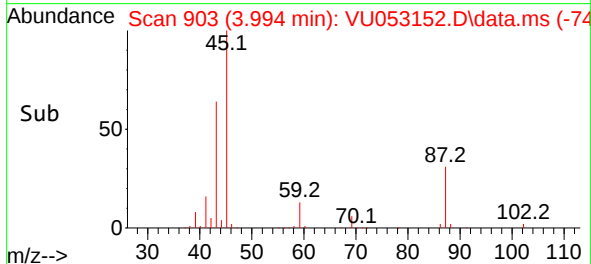
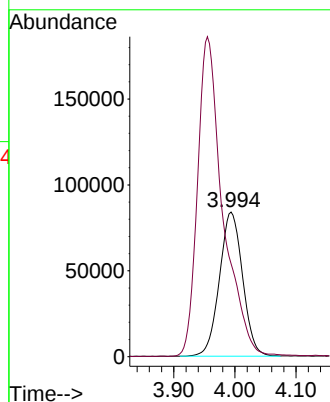
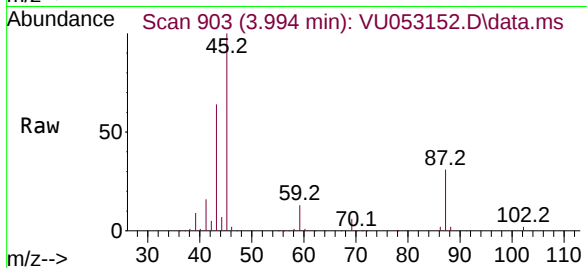




#31
Isopropyl Ether
Concen: 9.495 ug/l
RT: 3.994 min Scan# 903
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

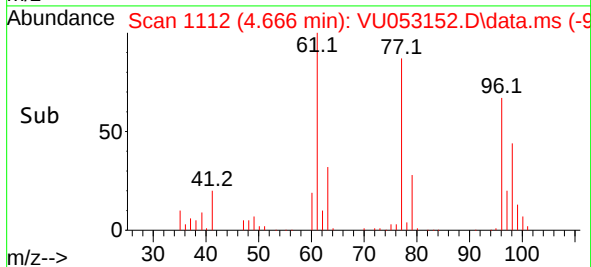
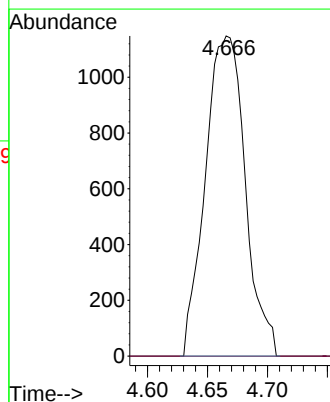
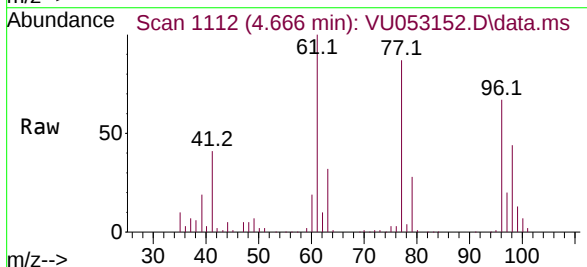
Instrument :
MSVOA_U
ClientSampleId :
ICVVU022723

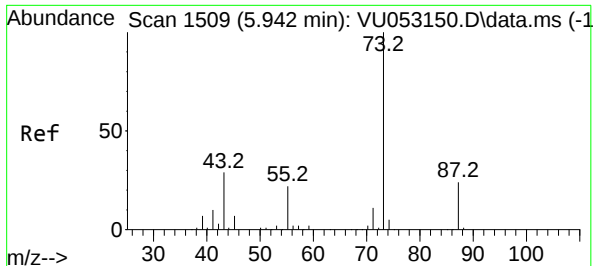
Tgt Ion: 45 Resp: 220870
Ion Ratio Lower Upper
45 100
43 242.7 24.4 73.2#



#32
Ethyl-t-butyl ether
Concen: 0.120 ug/l
RT: 4.666 min Scan# 1112
Delta R.T. 0.161 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

Tgt Ion: 59 Resp: 2655
Ion Ratio Lower Upper
59 100
87 0.0 32.5 48.7#

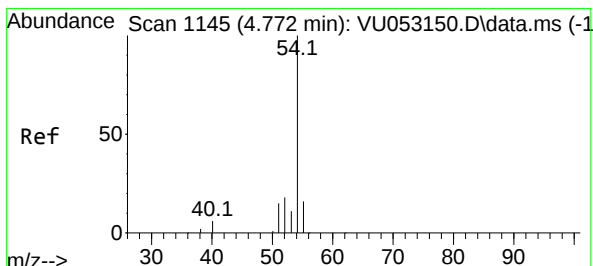
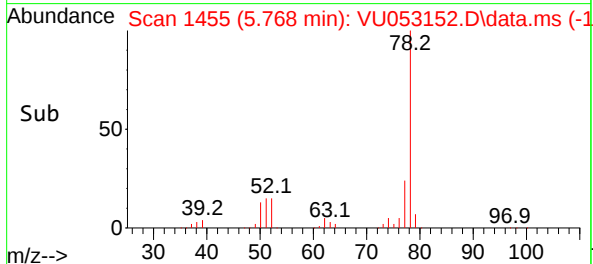
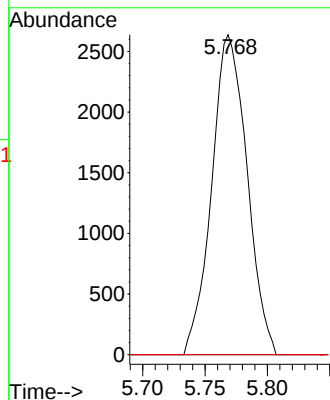
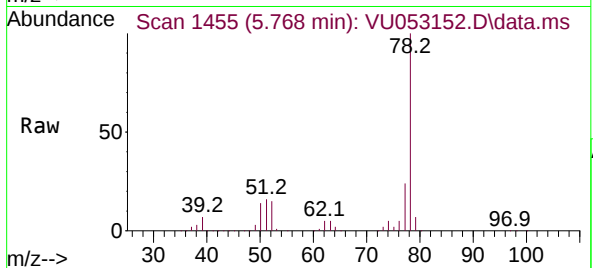




#33
Tert-Amyl methyl ether
Concen: 0.297 ug/l
RT: 5.768 min Scan# 14
Delta R.T. -0.174 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

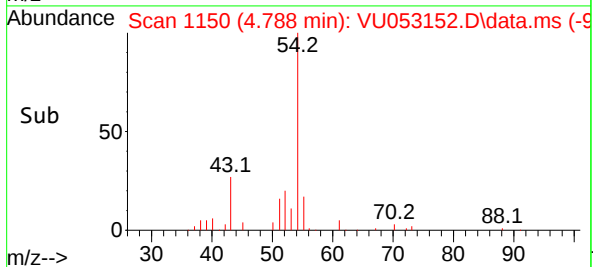
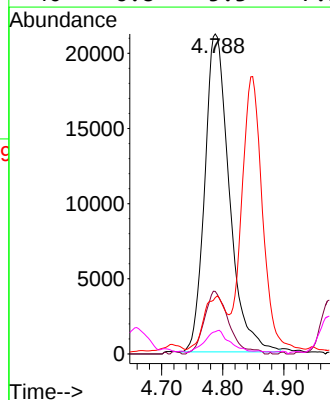
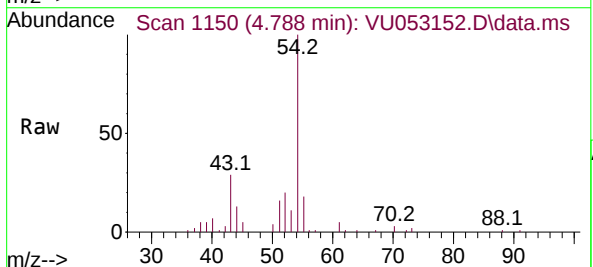
Instrument :
MSVOA_U
ClientSampleId :
ICVVU022723

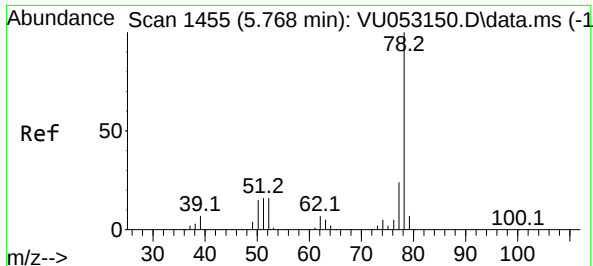
Tgt Ion: 73 Resp: 5204
Ion Ratio Lower Upper
73 100
87 238.9 19.0 28.4#
71 0.0 9.2 13.8#



#34
Propionitrile
Concen: 95.284 ug/l
RT: 4.788 min Scan# 1150
Delta R.T. 0.016 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

Tgt Ion: 54 Resp: 59060
Ion Ratio Lower Upper
54 100
52 19.6 16.5 24.7
55 15.0 11.4 17.2
40 6.8 5.3 7.9

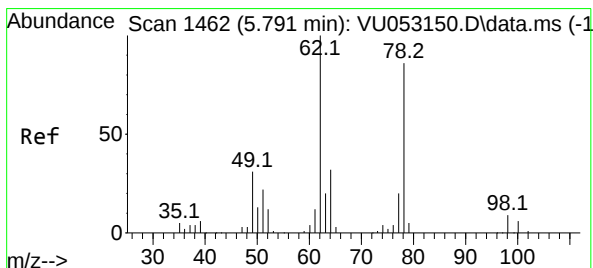
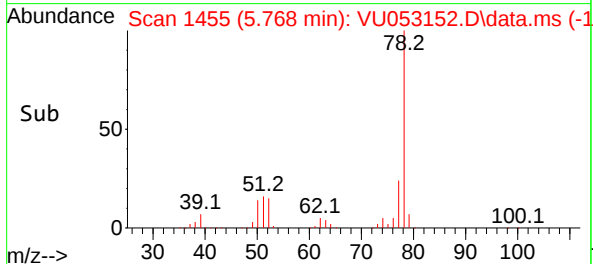
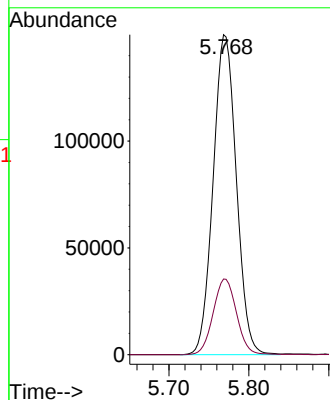
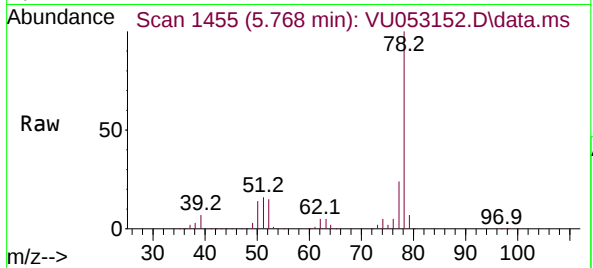




#35
Benzene
Concen: 10.809 ug/l
RT: 5.768 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

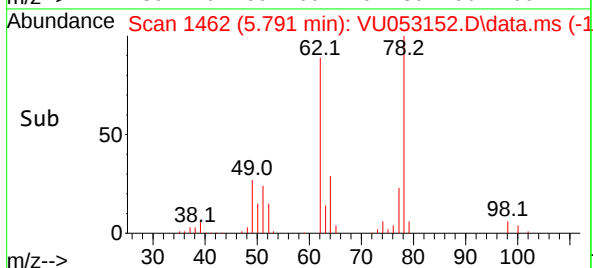
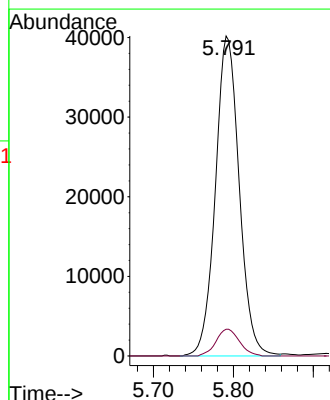
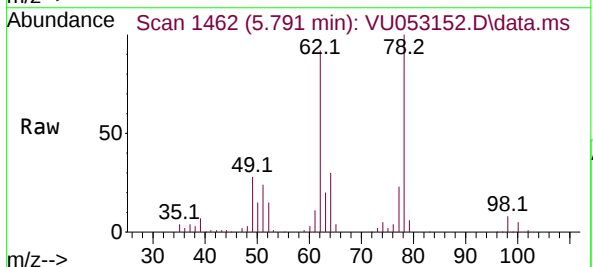
Instrument :
MSVOA_U
ClientSampleId :
ICVVU022723

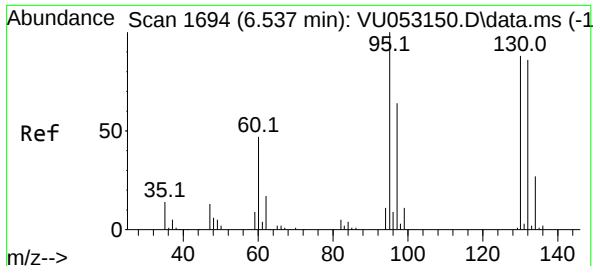
Tgt Ion: 78 Resp: 301673
Ion Ratio Lower Upper
78 100
77 23.7 18.9 28.3



#36
1,2-Dichloroethane
Concen: 9.938 ug/l
RT: 5.791 min Scan# 1462
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

Tgt Ion: 62 Resp: 82910
Ion Ratio Lower Upper
62 100
98 8.3 7.0 10.4





#37

Trichloroethene

Concen: 11.373 ug/l

RT: 6.540 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU053152.D

Acq: 27 Feb 2023 14:13

Instrument :

MSVOA_U

ClientSampleId :

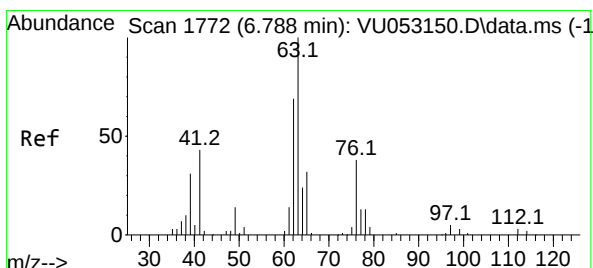
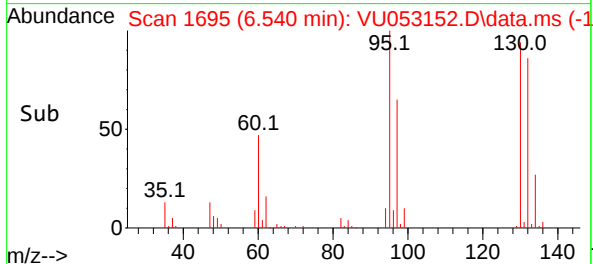
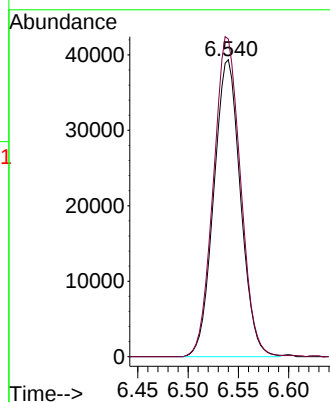
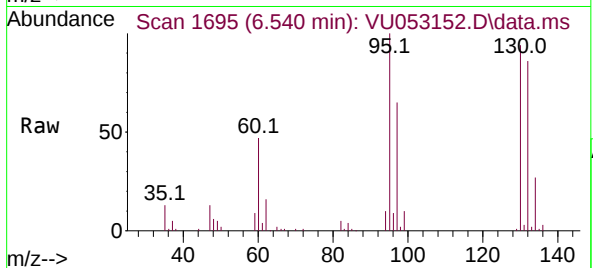
ICVVU022723

Tgt Ion:130 Resp: 72835

Ion Ratio Lower Upper

130 100

95 106.9 91.1 136.7



#38

1,2-Dichloropropane

Concen: 10.119 ug/l

RT: 6.788 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VU053152.D

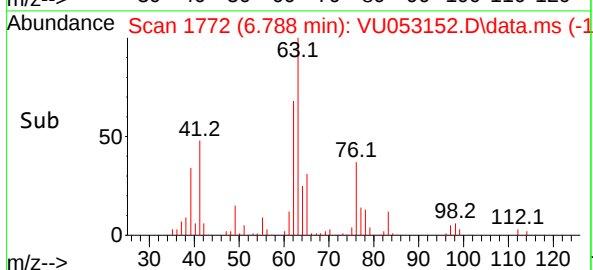
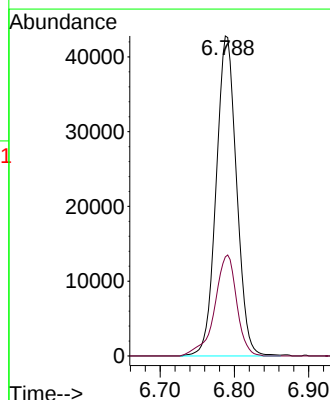
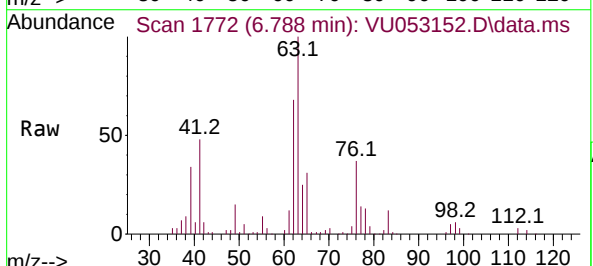
Acq: 27 Feb 2023 14:13

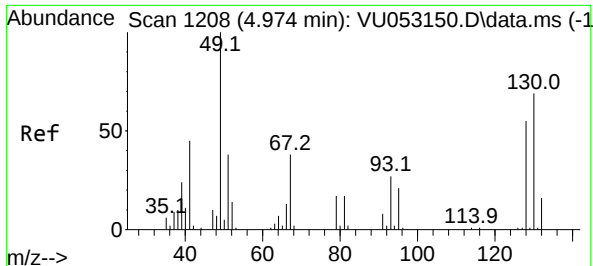
Tgt Ion: 63 Resp: 81673

Ion Ratio Lower Upper

63 100

65 30.9 25.5 38.3





#39

Methacrylonitrile

Concen: 8.801 ug/l

RT: 4.974 min Scan# 1169

Delta R.T. 0.000 min

Lab File: VU053152.D

Acq: 27 Feb 2023 14:13

Instrument :

MSVOA_U

ClientSampleId :

ICVVU022723

Tgt Ion: 41 Resp: 23269

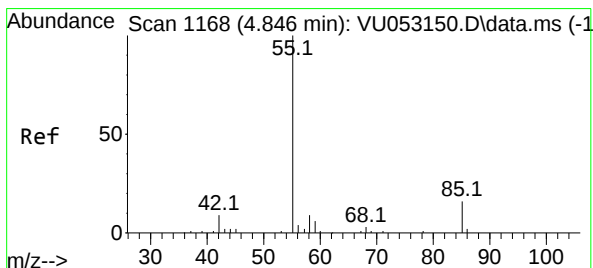
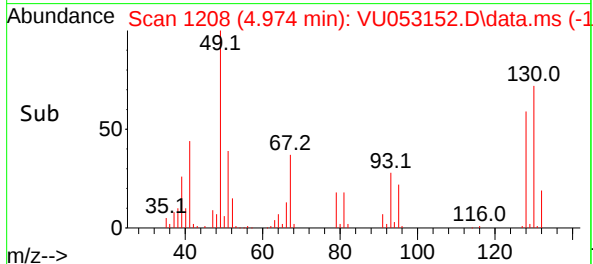
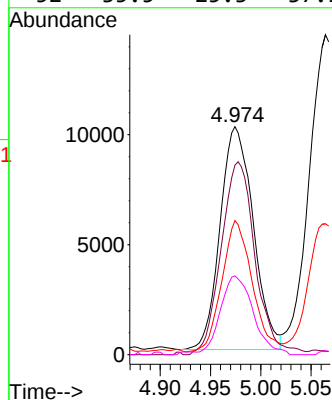
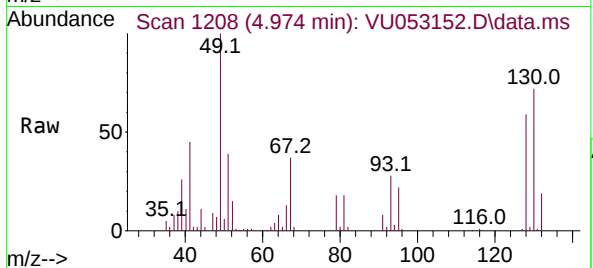
Ion Ratio Lower Upper

41 100

67 88.5 67.1 100.7

39 53.9 42.6 64.0

52 35.5 25.3 37.9



#40

Methyl acrylate

Concen: 10.404 ug/l

RT: 4.849 min Scan# 1169

Delta R.T. 0.003 min

Lab File: VU053152.D

Acq: 27 Feb 2023 14:13

Tgt Ion: 55 Resp: 42521

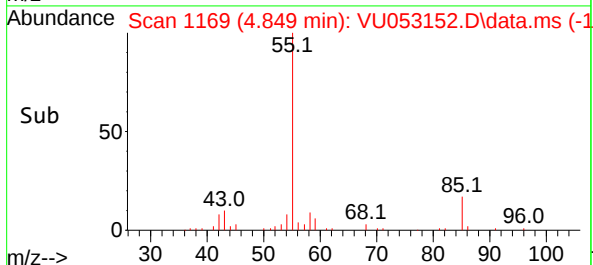
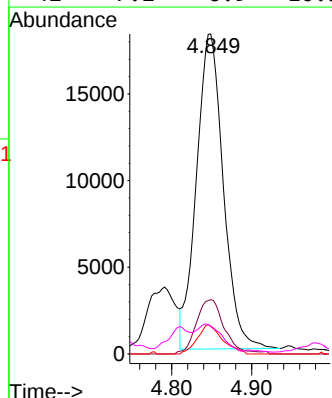
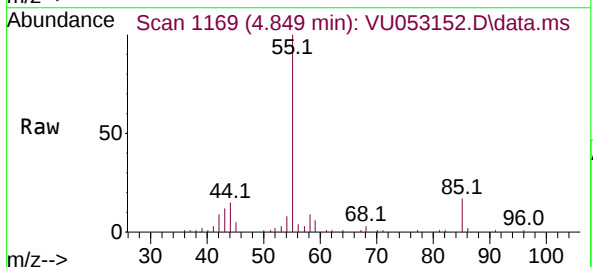
Ion Ratio Lower Upper

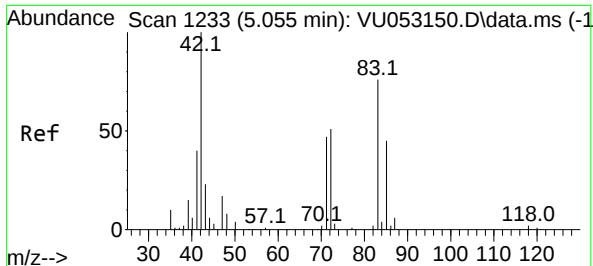
55 100

85 17.8 13.5 20.3

58 8.6 7.3 10.9

42 7.2 6.9 10.3





#41

Tetrahydrofuran

Concen: 44.946 ug/l

RT: 5.064 min Scan# 11

Delta R.T. 0.010 min

Lab File: VU053152.D

Acq: 27 Feb 2023 14:13

Instrument :

MSVOA_U

ClientSampleId :

ICVVU022723

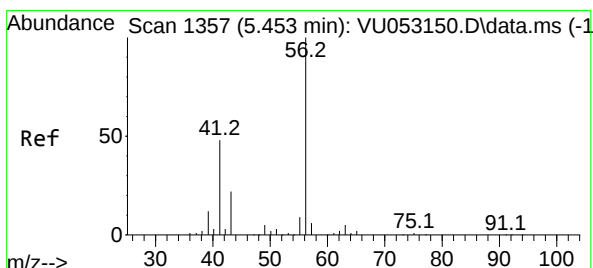
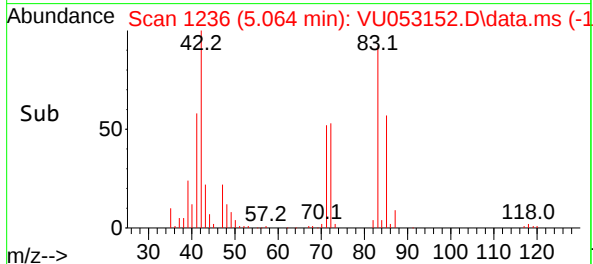
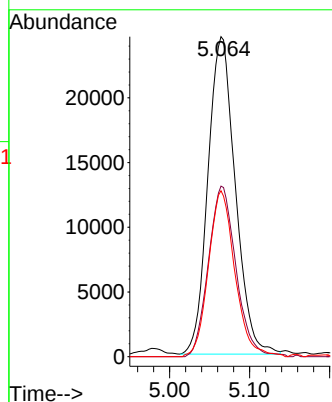
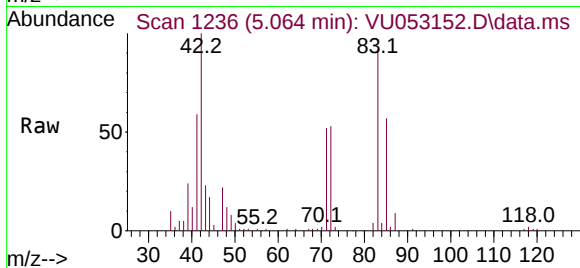
Tgt Ion: 42 Resp: 58268

Ion Ratio Lower Upper

42 100

72 54.1 41.6 62.4

71 50.5 37.9 56.9



#42

1-Chlorobutane

Concen: 10.837 ug/l

RT: 5.453 min Scan# 1357

Delta R.T. 0.000 min

Lab File: VU053152.D

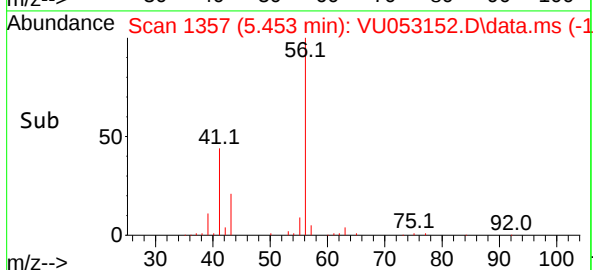
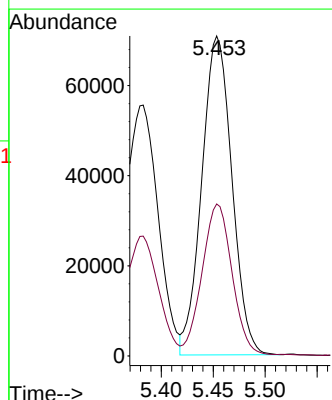
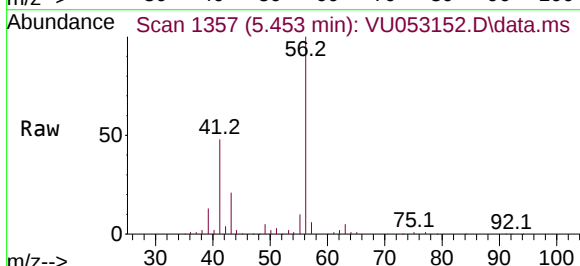
Acq: 27 Feb 2023 14:13

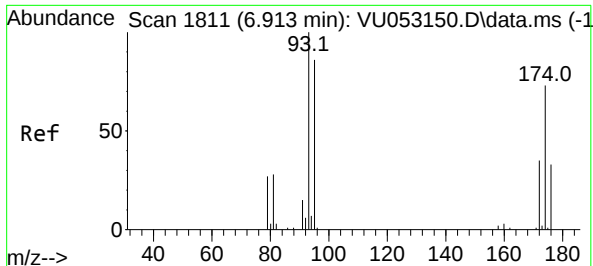
Tgt Ion: 56 Resp: 142680

Ion Ratio Lower Upper

56 100

41 46.7 23.7 71.1





#43

Dibromomethane

Concen: 11.006 ug/l

RT: 6.916 min Scan# 1811

Delta R.T. 0.003 min

Lab File: VU053152.D

Acq: 27 Feb 2023 14:13

Instrument :

MSVOA_U

ClientSampleId :

ICVVU022723

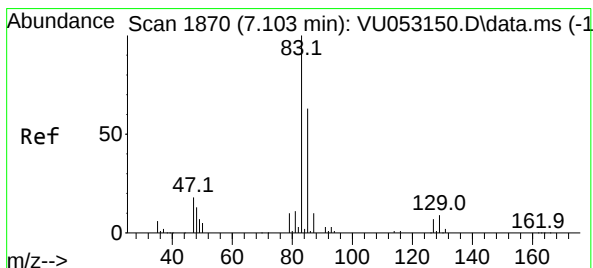
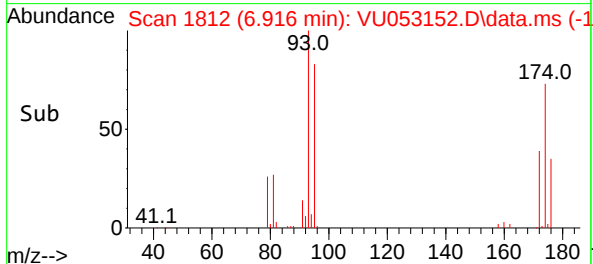
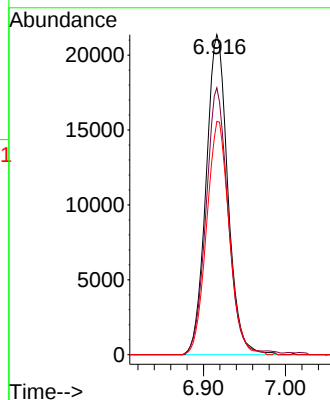
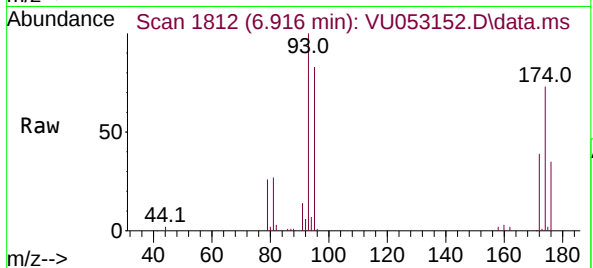
Tgt Ion: 93 Resp: 39374

Ion Ratio Lower Upper

93 100

95 84.3 66.5 99.7

174 75.9 58.2 87.4



#44

Bromodichloromethane

Concen: 10.502 ug/l

RT: 7.103 min Scan# 1870

Delta R.T. 0.000 min

Lab File: VU053152.D

Acq: 27 Feb 2023 14:13

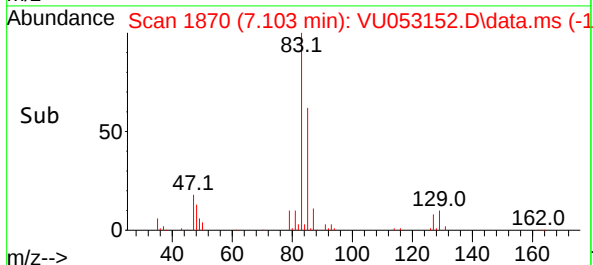
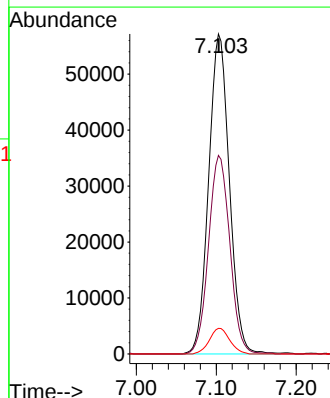
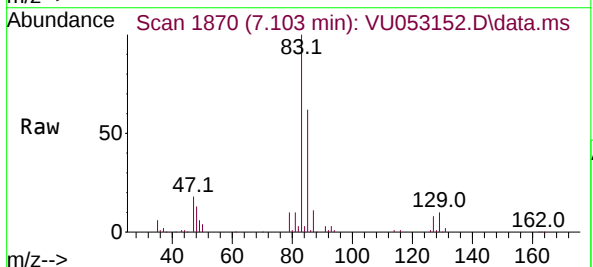
Tgt Ion: 83 Resp: 102779

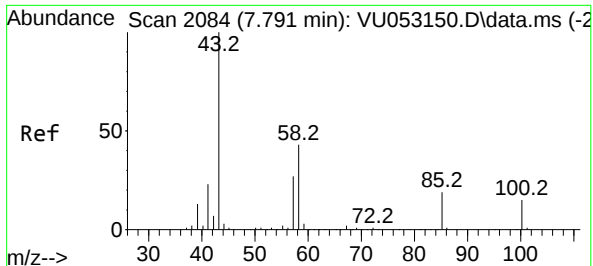
Ion Ratio Lower Upper

83 100

85 62.1 50.6 75.8

127 8.0 5.8 8.8





#45

4-Methyl-2-Pentanone

Concen: 48.890 ug/l

RT: 7.794 min Scan# 2085

Delta R.T. 0.003 min

Lab File: VU053152.D

Acq: 27 Feb 2023 14:13

Instrument :

MSVOA_U

ClientSampleId :

ICVVU022723

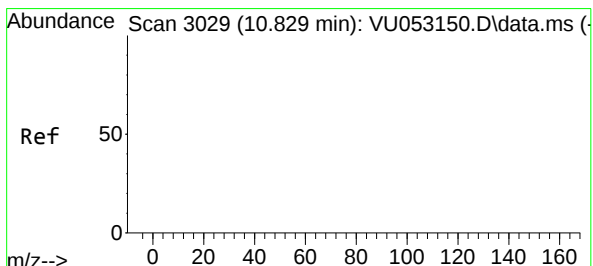
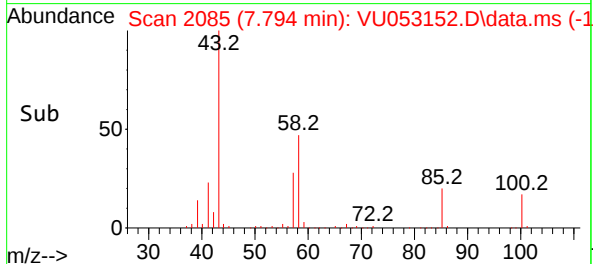
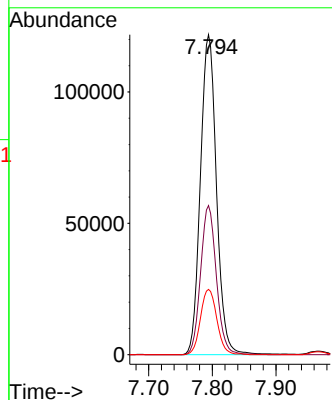
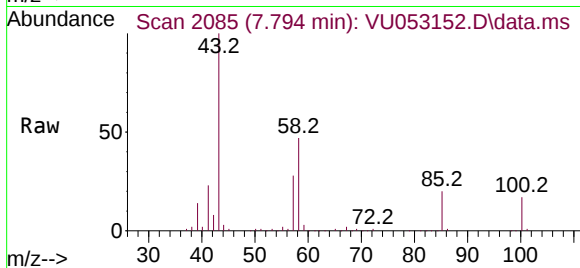
Tgt Ion: 43 Resp: 213544

Ion Ratio Lower Upper

43 100

58 45.7 22.0 66.0

85 20.8 15.7 23.5



#46

t-1,4-Dichloro-2-butene

Concen: 32.658 ug/l

RT: 10.820 min Scan# 3026

Delta R.T. -0.010 min

Lab File: VU053152.D

Acq: 27 Feb 2023 14:13

Tgt Ion: 75 Resp: 71880

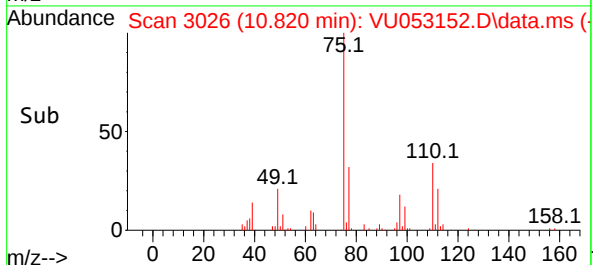
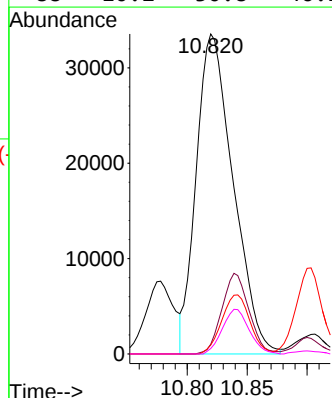
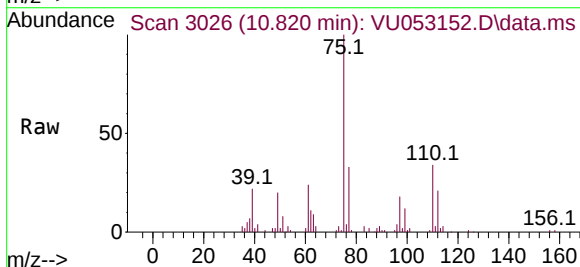
Ion Ratio Lower Upper

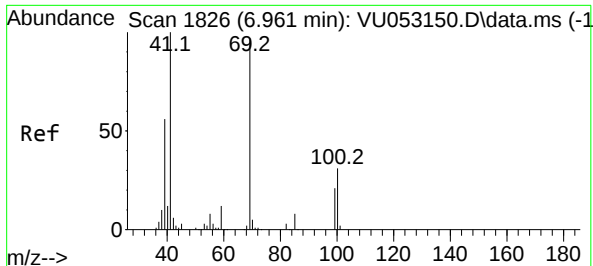
75 100

53 18.5 57.0 85.4#

89 14.1 43.1 64.7#

88 10.2 30.8 46.2#





#47

Methyl methacrylate

Concen: 10.457 ug/l

RT: 6.961 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VU053152.D

Acq: 27 Feb 2023 14:13

Instrument :

MSVOA_U

ClientSampleId :

ICVVU022723

Tgt Ion: 69 Resp: 38505

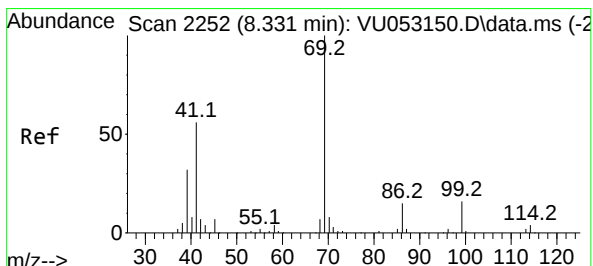
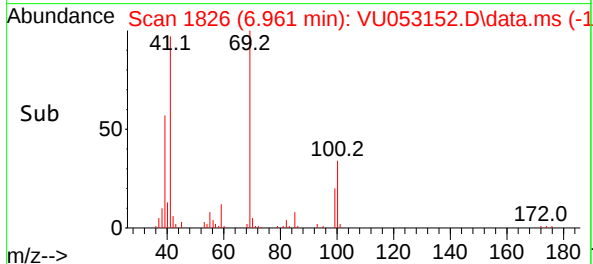
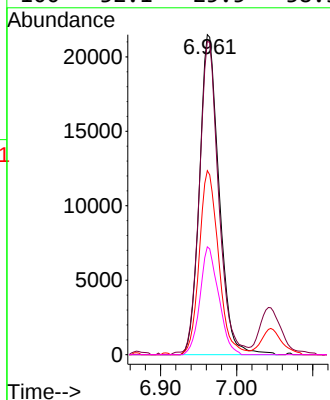
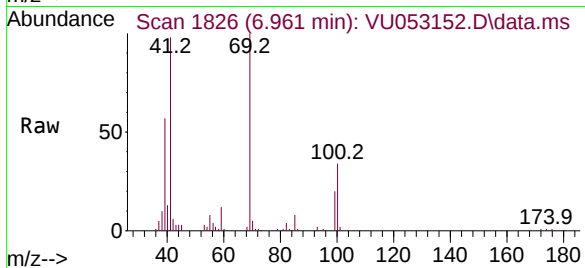
Ion Ratio Lower Upper

69 100

41 96.9 0.0 201.0

39 56.6 47.1 70.7

100 32.1 25.5 38.3



#48

Ethyl methacrylate

Concen: 10.640 ug/l

RT: 8.334 min Scan# 2253

Delta R.T. 0.003 min

Lab File: VU053152.D

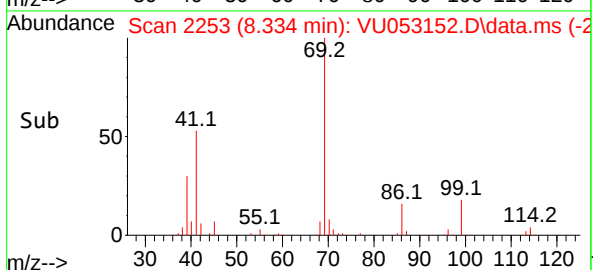
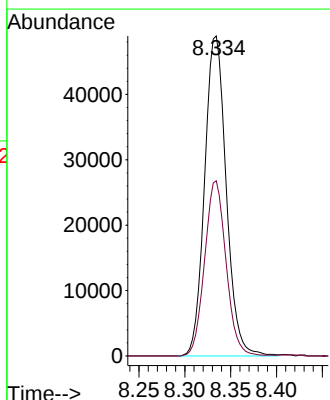
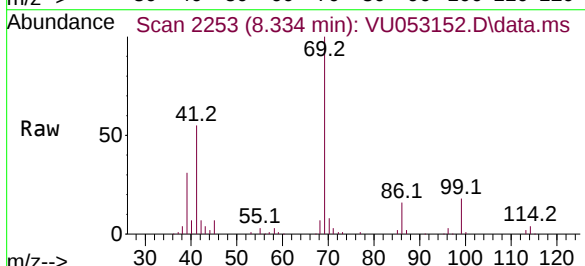
Acq: 27 Feb 2023 14:13

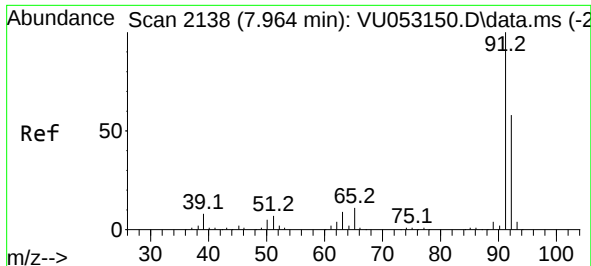
Tgt Ion: 69 Resp: 80398

Ion Ratio Lower Upper

69 100

41 54.3 28.2 84.6





#49

Toluene

Concen: 11.343 ug/l

RT: 7.964 min Scan# 2138

Delta R.T. 0.000 min

Lab File: VU053152.D

Acq: 27 Feb 2023 14:13

Instrument :

MSVOA_U

ClientSampleId :

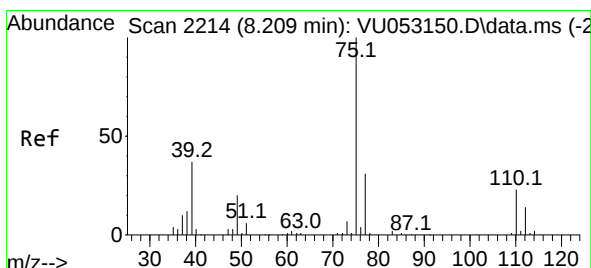
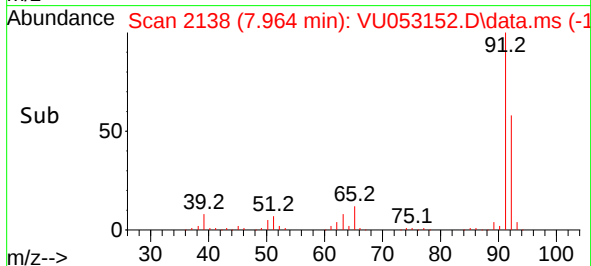
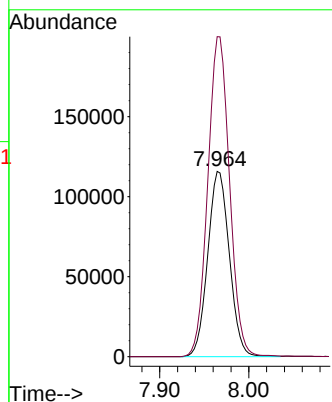
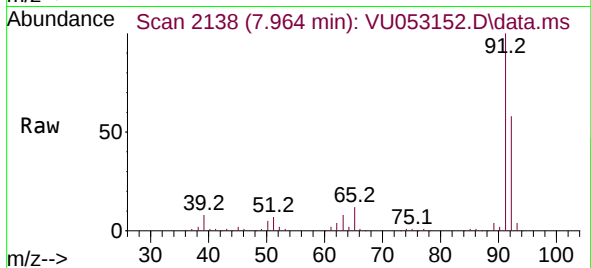
ICVVU022723

Tgt Ion: 92 Resp: 194957

Ion Ratio Lower Upper

92 100

91 174.1 138.2 207.2



#50

t-1,3-Dichloropropene

Concen: 11.036 ug/l

RT: 8.209 min Scan# 2214

Delta R.T. 0.000 min

Lab File: VU053152.D

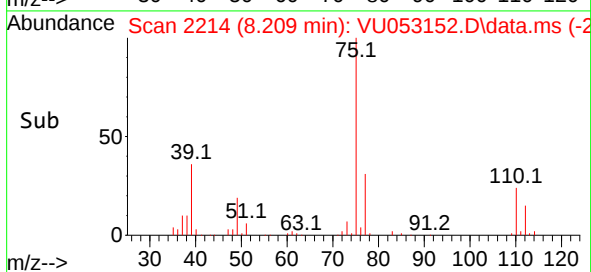
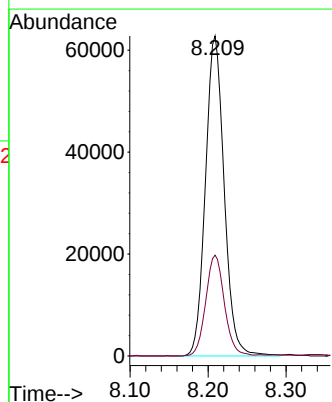
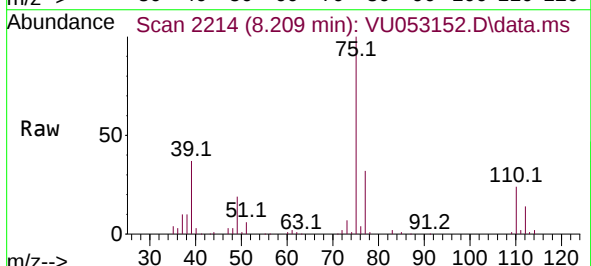
Acq: 27 Feb 2023 14:13

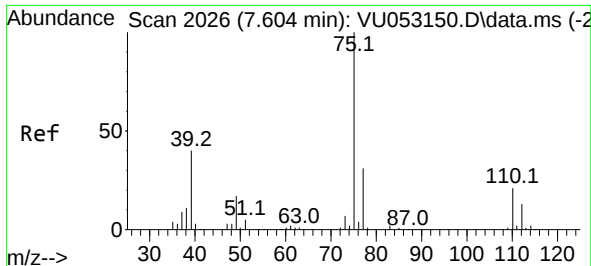
Tgt Ion: 75 Resp: 104921

Ion Ratio Lower Upper

75 100

77 31.5 25.1 37.7

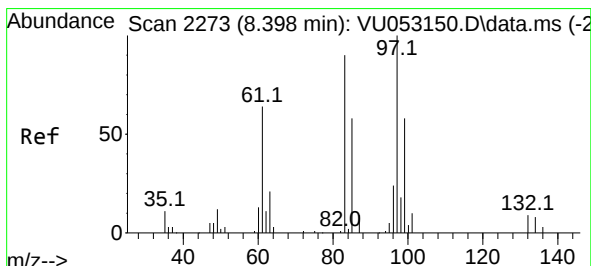
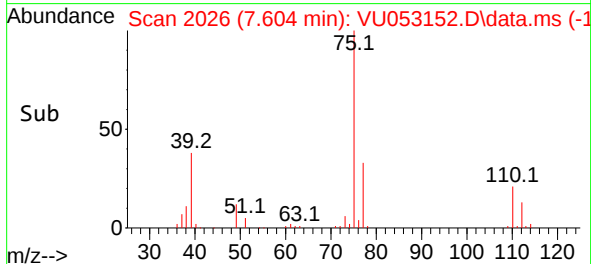
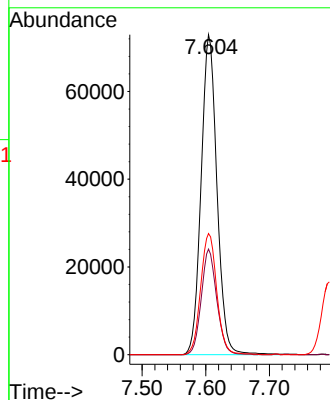
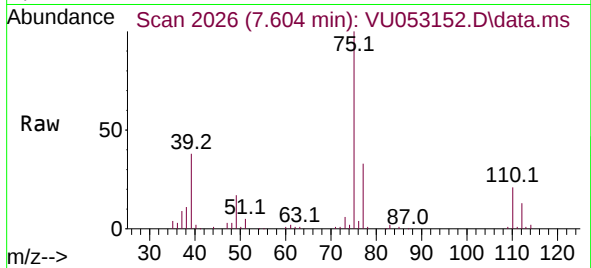




#51
 cis-1,3-Dichloropropene
 Concen: 10.947 ug/l
 RT: 7.604 min Scan# 2026
 Delta R.T. 0.000 min
 Lab File: VU053152.D
 Acq: 27 Feb 2023 14:13

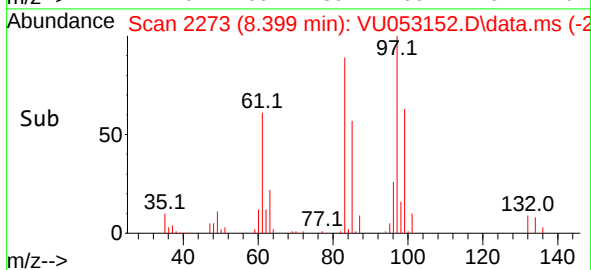
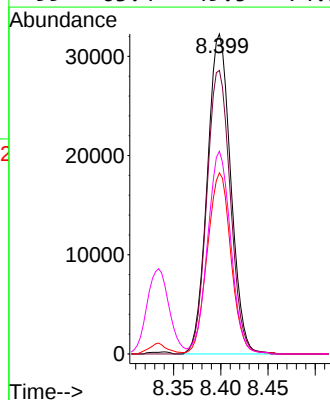
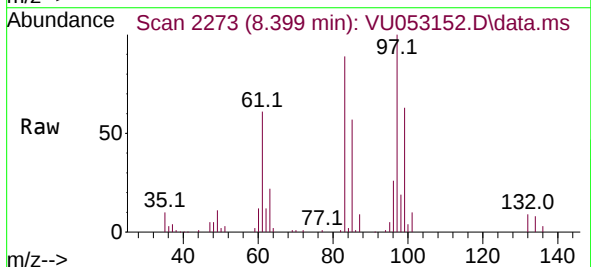
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU022723

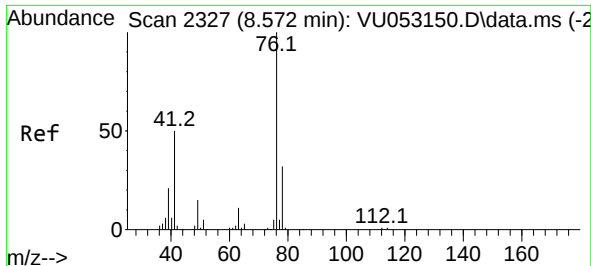
Tgt Ion: 75 Resp: 126119
 Ion Ratio Lower Upper
 75 100
 77 33.0 24.9 37.3
 39 37.8 32.2 48.2



#52
 1,1,2-Trichloroethane
 Concen: 10.603 ug/l
 RT: 8.399 min Scan# 2273
 Delta R.T. 0.000 min
 Lab File: VU053152.D
 Acq: 27 Feb 2023 14:13

Tgt Ion: 97 Resp: 55715
 Ion Ratio Lower Upper
 97 100
 83 88.6 71.9 107.9
 85 56.6 46.5 69.7
 99 63.4 49.5 74.3





#53

1,3-Dichloropropane

Concen: 10.567 ug/l

RT: 8.572 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU053152.D

Acq: 27 Feb 2023 14:13

Instrument :

MSVOA_U

ClientSampleId :

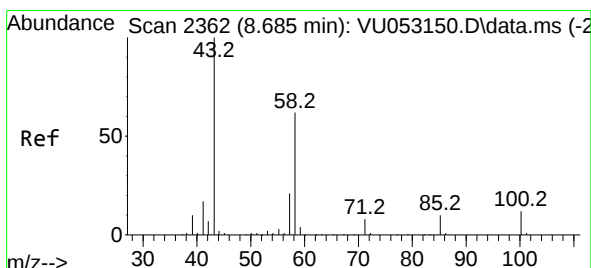
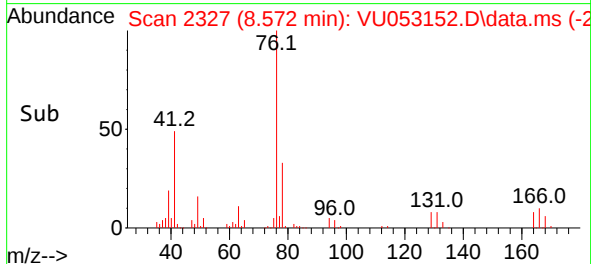
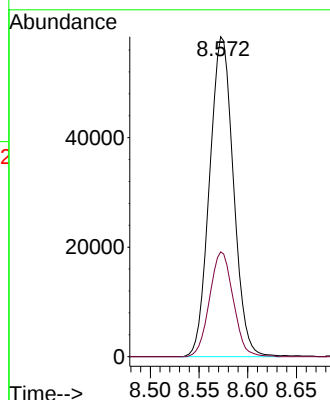
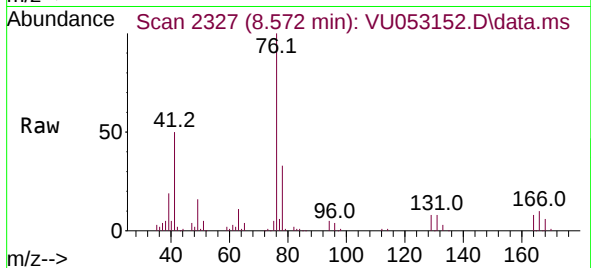
ICVVU022723

Tgt Ion: 76 Resp: 99550

Ion Ratio Lower Upper

76 100

78 32.4 25.9 38.9



#54

2-Hexanone

Concen: 45.685 ug/l

RT: 8.685 min Scan# 2362

Delta R.T. 0.000 min

Lab File: VU053152.D

Acq: 27 Feb 2023 14:13

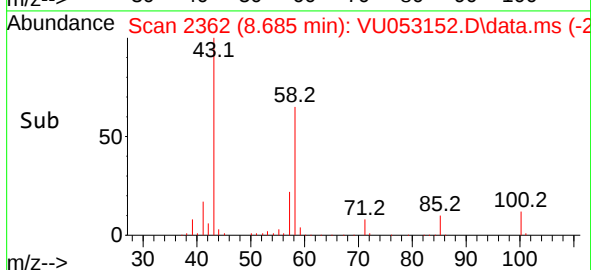
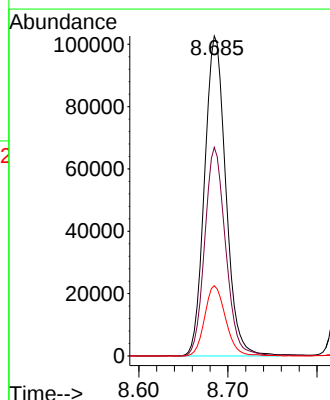
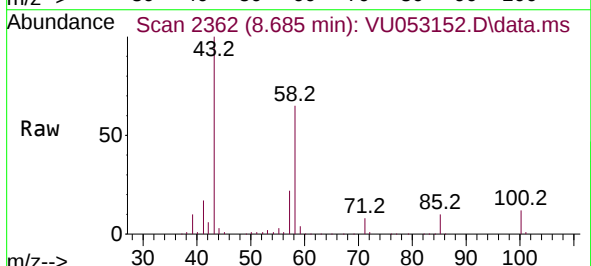
Tgt Ion: 43 Resp: 170016

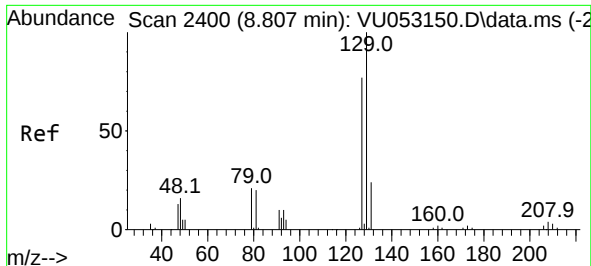
Ion Ratio Lower Upper

43 100

58 64.1 42.0 82.0

57 21.7 1.2 41.2

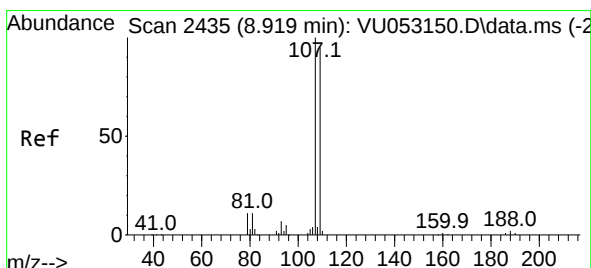
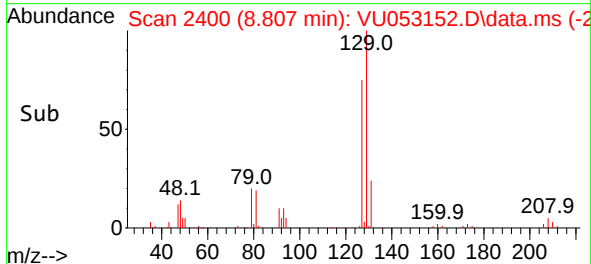
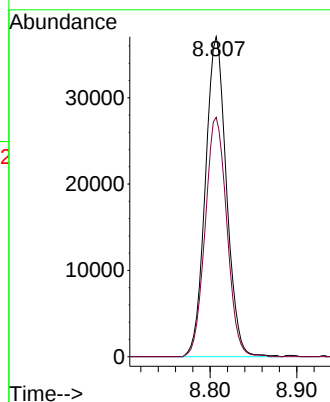
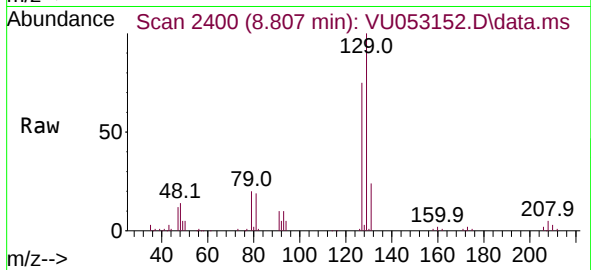




#55
Dibromochloromethane
Concen: 10.451 ug/l
RT: 8.807 min Scan# 2400
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

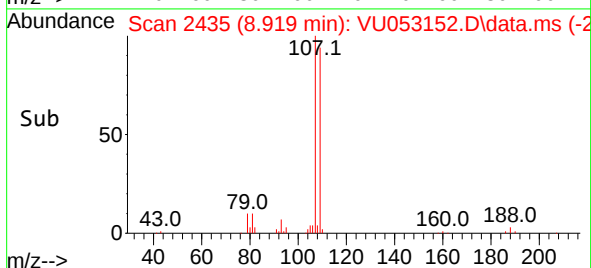
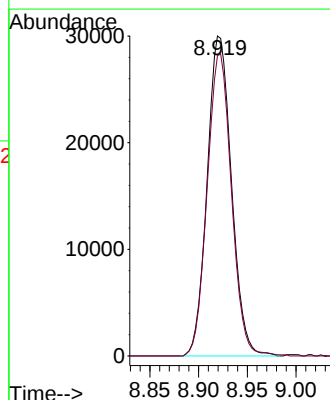
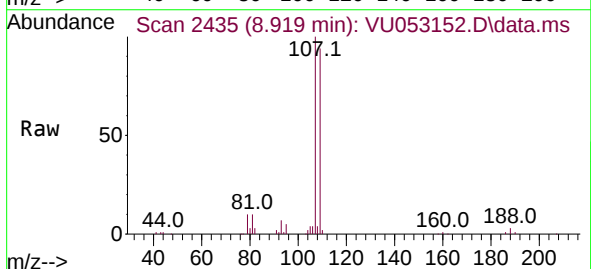
Instrument :
MSVOA_U
ClientSampleId :
ICVVU022723

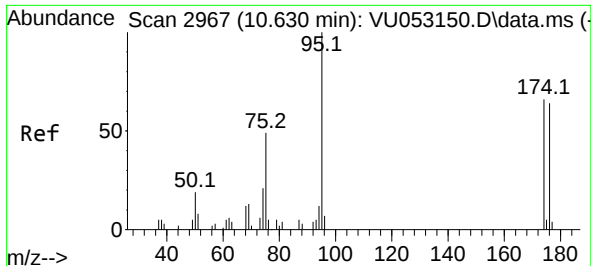
Tgt Ion:129 Resp: 62656
Ion Ratio Lower Upper
129 100
127 76.8 61.1 91.7



#56
1,2-Dibromoethane
Concen: 11.170 ug/l
RT: 8.919 min Scan# 2435
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

Tgt Ion:107 Resp: 52147
Ion Ratio Lower Upper
107 100
109 94.1 0.0 186.2

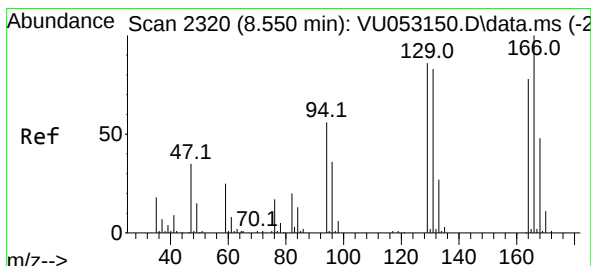
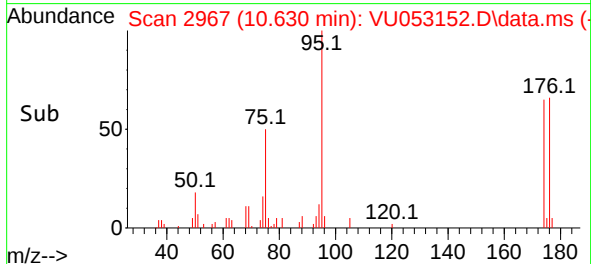
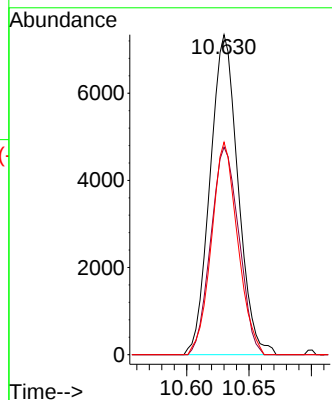
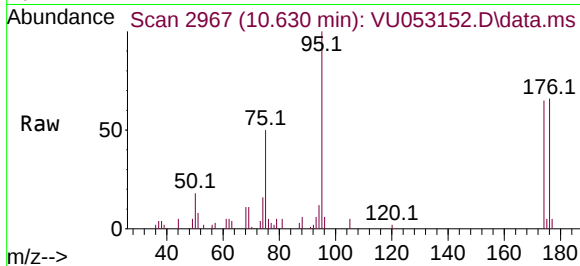




#57
4-Bromofluorobenzene
Concen: 0.975 ug/l
RT: 10.630 min Scan# 2967
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

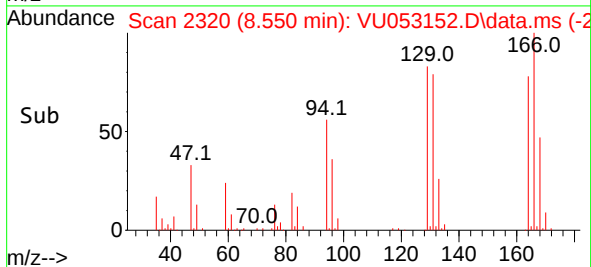
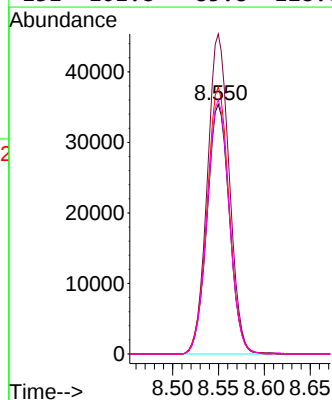
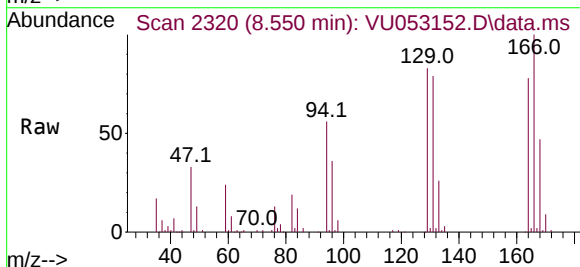
Instrument :
MSVOA_U
ClientSampleId :
ICVVU022723

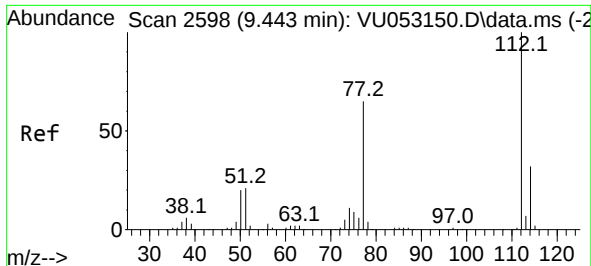
Tgt Ion: 95 Resp: 11459
Ion Ratio Lower Upper
95 100
174 65.0 50.7 76.1
176 62.4 47.8 71.6



#58
Tetrachloroethene
Concen: 11.707 ug/l
RT: 8.550 min Scan# 2320
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

Tgt Ion: 164 Resp: 59784
Ion Ratio Lower Upper
164 100
166 128.2 103.2 154.8
129 107.0 88.8 133.2
131 101.8 85.8 128.6





#59

Chlorobenzene

Concen: 10.589 ug/l

RT: 9.443 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU053152.D

Acq: 27 Feb 2023 14:13

Instrument :

MSVOA_U

ClientSampleId :

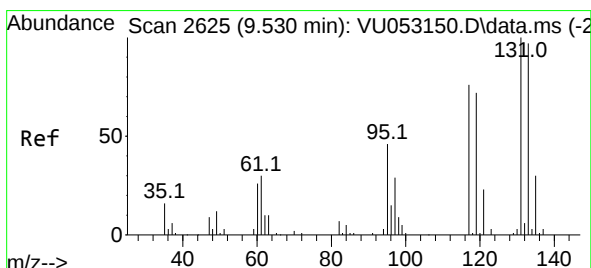
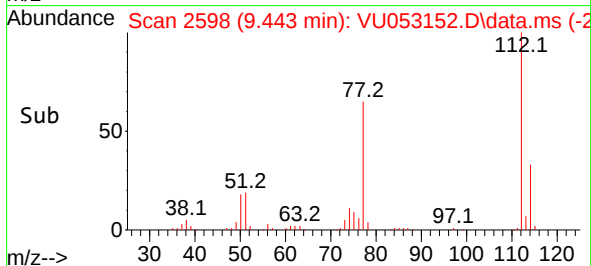
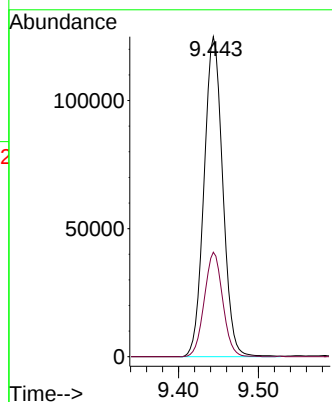
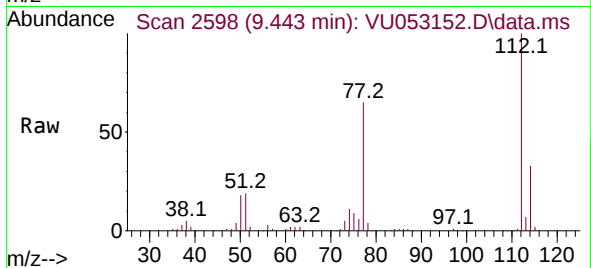
ICVVU022723

Tgt Ion:112 Resp: 203513

Ion Ratio Lower Upper

112 100

114 32.7 25.8 38.6



#60

1,1,1,2-Tetrachloroethane

Concen: 10.677 ug/l

RT: 9.530 min Scan# 2625

Delta R.T. 0.000 min

Lab File: VU053152.D

Acq: 27 Feb 2023 14:13

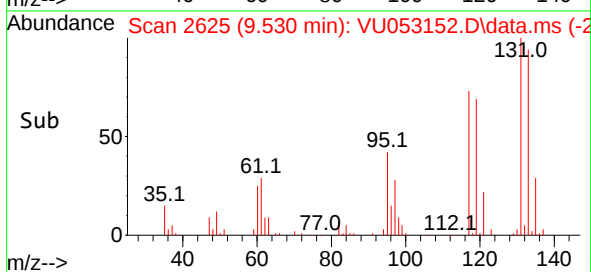
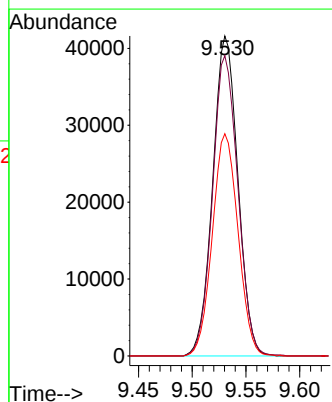
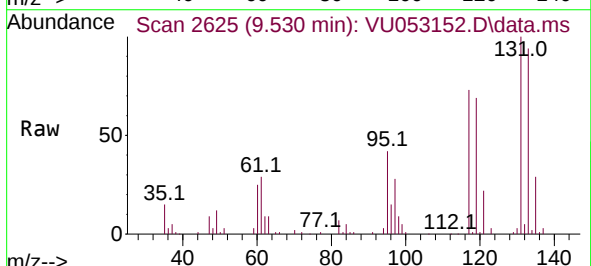
Tgt Ion:131 Resp: 67787

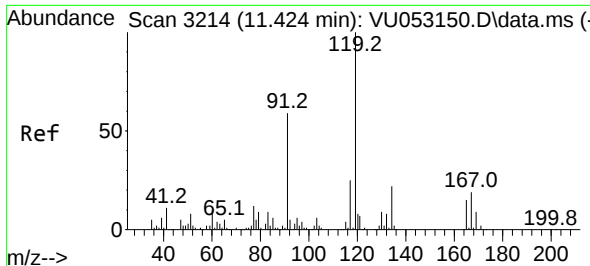
Ion Ratio Lower Upper

131 100

133 94.8 76.7 115.1

119 71.0 57.6 86.4

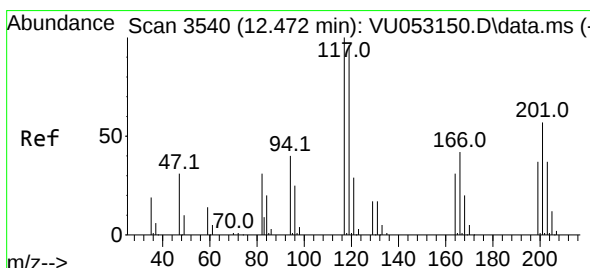
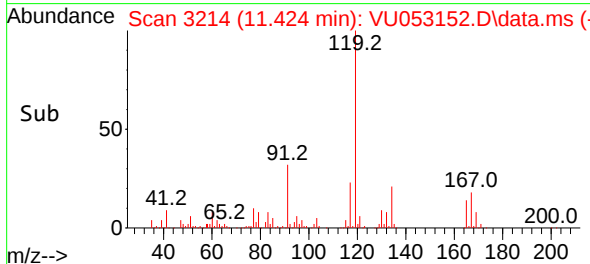
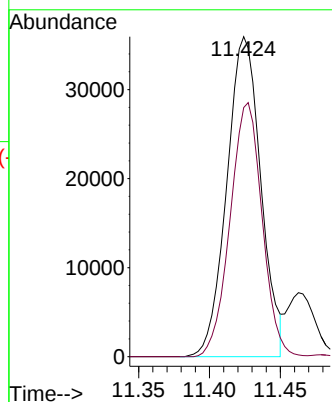
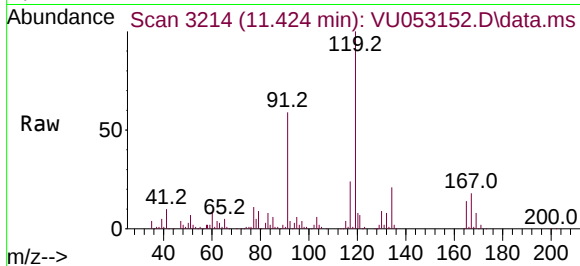




#61
Pentachloroethane
Concen: 10.902 ug/l
RT: 11.424 min Scan# 3214
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

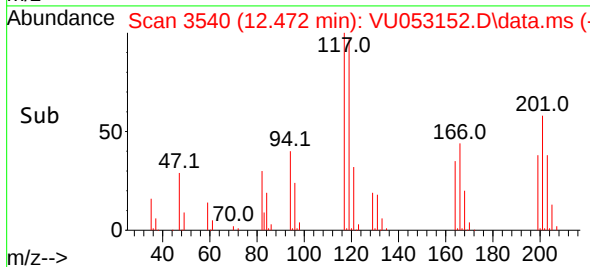
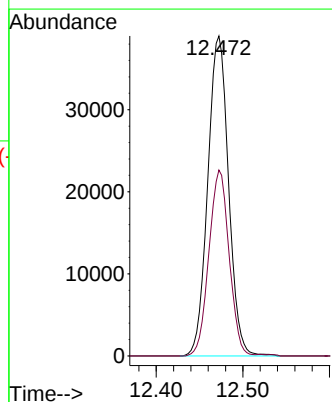
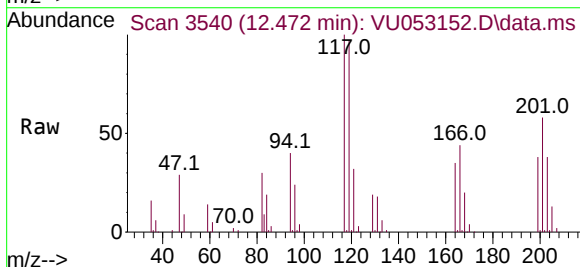
Instrument :
MSVOA_U
ClientSampleId :
ICVVU022723

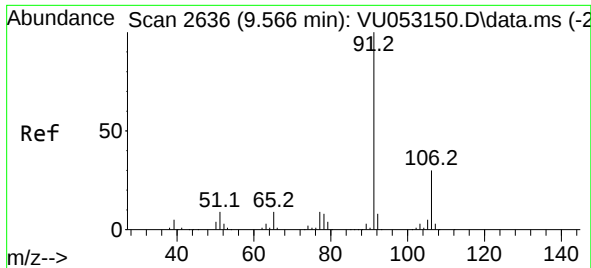
Tgt Ion:117 Resp: 60137
Ion Ratio Lower Upper
117 100
167 74.7 57.5 86.3



#62
Hexachloroethane
Concen: 10.696 ug/l
RT: 12.472 min Scan# 3540
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

Tgt Ion:117 Resp: 65051
Ion Ratio Lower Upper
117 100
201 56.4 46.7 70.1

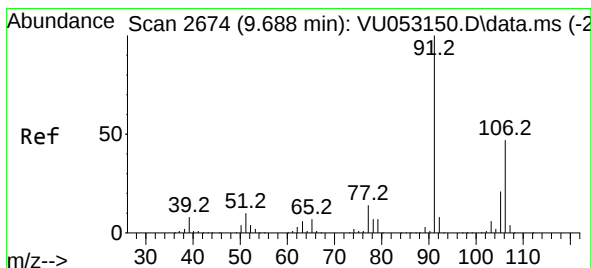
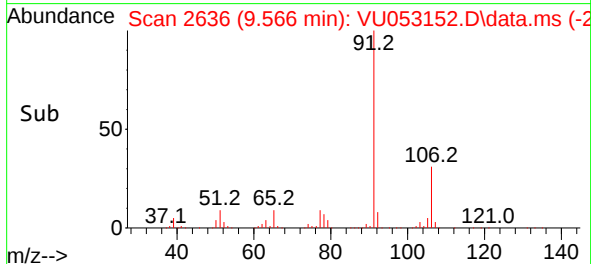
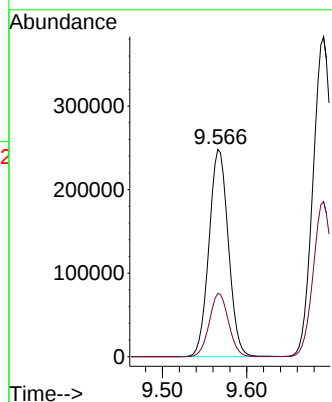
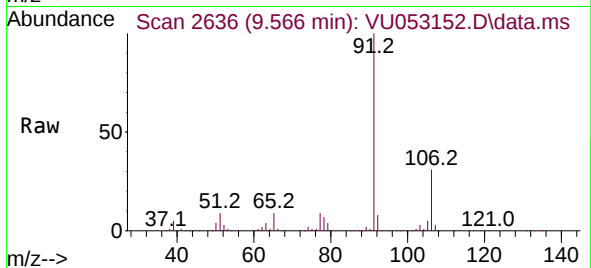




#63
Ethyl Benzene
Concen: 11.175 ug/l
RT: 9.566 min Scan# 2636
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

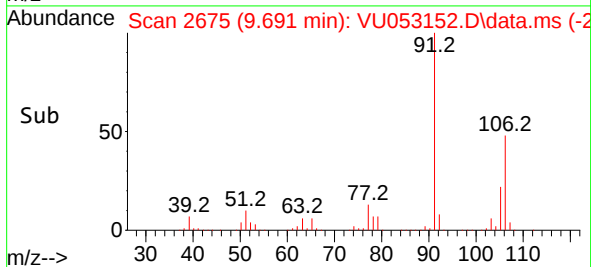
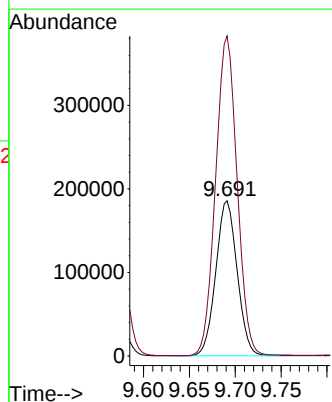
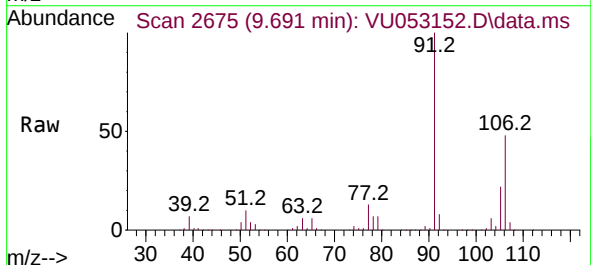
Instrument :
MSVOA_U
ClientSampleId :
ICVVU022723

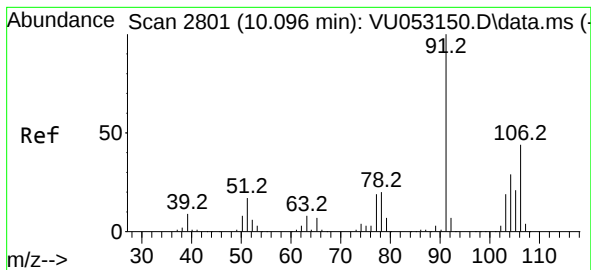
Tgt Ion: 91 Resp: 396387
Ion Ratio Lower Upper
91 100
106 30.5 24.0 36.0



#64
m/p-Xylenes
Concen: 23.380 ug/l
RT: 9.691 min Scan# 2675
Delta R.T. 0.003 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

Tgt Ion: 106 Resp: 300792
Ion Ratio Lower Upper
106 100
91 207.6 170.7 256.1





#65

o-Xylene

Concen: 11.125 ug/l

RT: 10.096 min Scan# 2801

Delta R.T. 0.000 min

Lab File: VU053152.D

Acq: 27 Feb 2023 14:13

Instrument :

MSVOA_U

ClientSampleId :

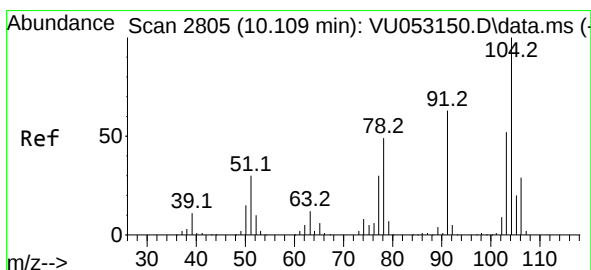
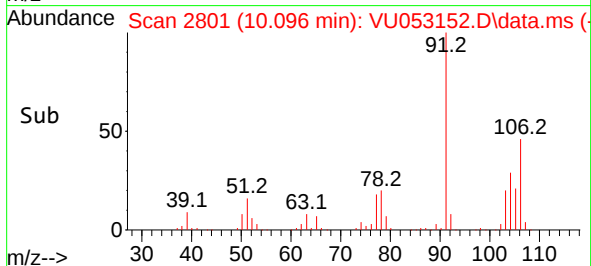
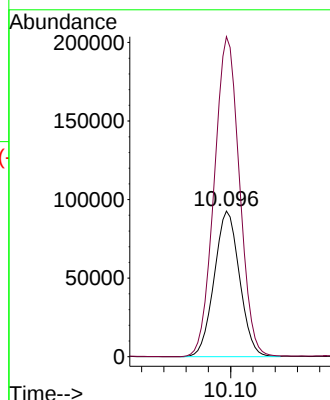
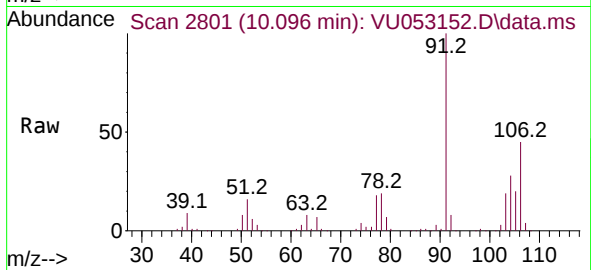
ICVVU022723

Tgt Ion:106 Resp: 146162

Ion Ratio Lower Upper

106 100

91 219.9 112.8 338.4



#66

Styrene

Concen: 11.659 ug/l

RT: 10.112 min Scan# 2806

Delta R.T. 0.003 min

Lab File: VU053152.D

Acq: 27 Feb 2023 14:13

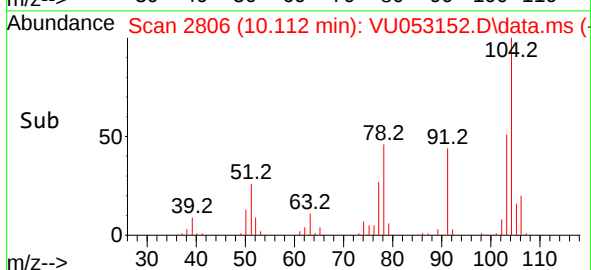
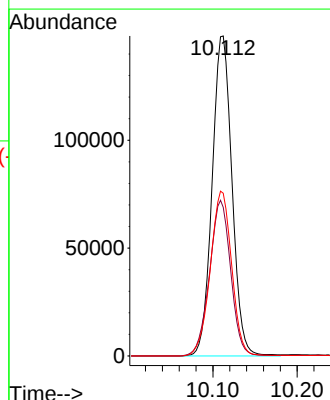
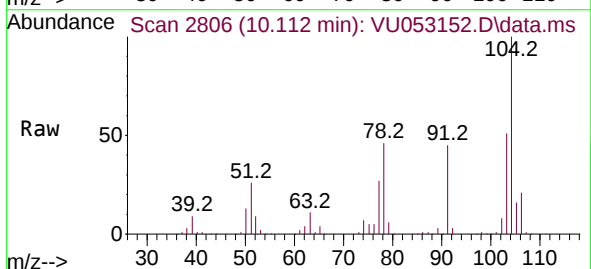
Tgt Ion:104 Resp: 242827

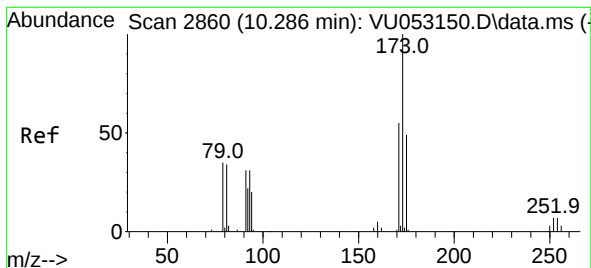
Ion Ratio Lower Upper

104 100

78 52.0 43.3 64.9

103 55.3 45.2 67.8





#67

Bromoform

Concen: 10.973 ug/l

RT: 10.289 min Scan# 2860

Delta R.T. 0.003 min

Lab File: VU053152.D

Acq: 27 Feb 2023 14:13

Instrument :

MSVOA_U

ClientSampleId :

ICVVU022723

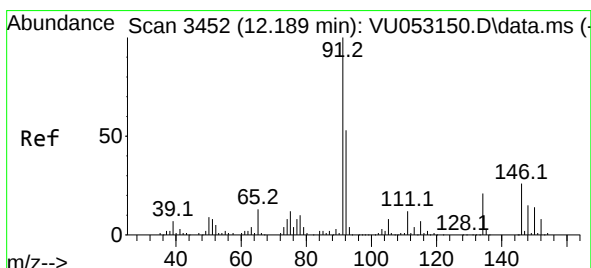
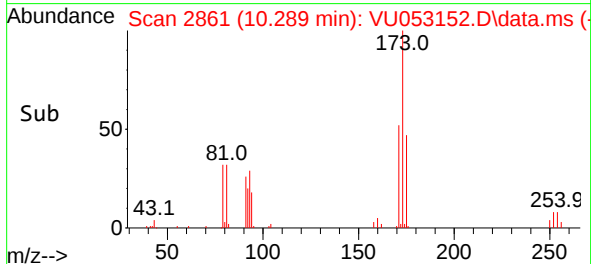
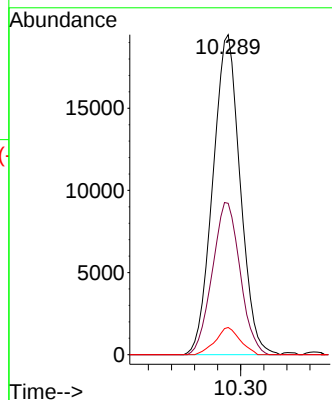
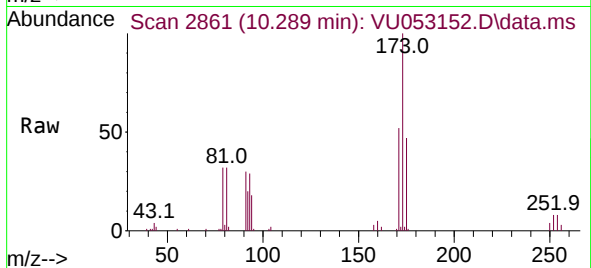
Tgt Ion:173 Resp: 31993

Ion Ratio Lower Upper

173 100

175 48.3 38.7 58.1

254 7.7 5.8 8.8



#68

1,2-Dichlorobenzene-d4

Concen: 1.081 ug/l

RT: 12.189 min Scan# 3452

Delta R.T. 0.000 min

Lab File: VU053152.D

Acq: 27 Feb 2023 14:13

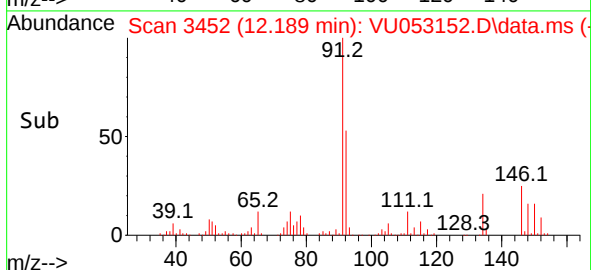
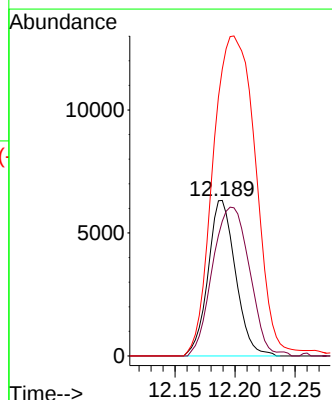
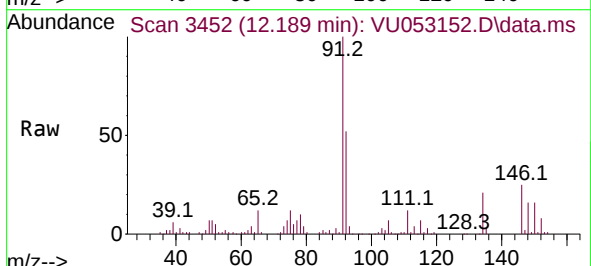
Tgt Ion:152 Resp: 10077

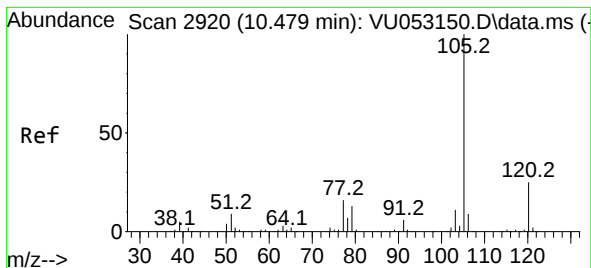
Ion Ratio Lower Upper

152 100

115 129.1 0.0 267.8

150 320.7 0.0 623.0





#69

Isopropylbenzene

Concen: 11.089 ug/l

RT: 10.482 min Scan# 2920

Delta R.T. 0.003 min

Lab File: VU053152.D

Acq: 27 Feb 2023 14:13

Instrument :

MSVOA_U

ClientSampleId :

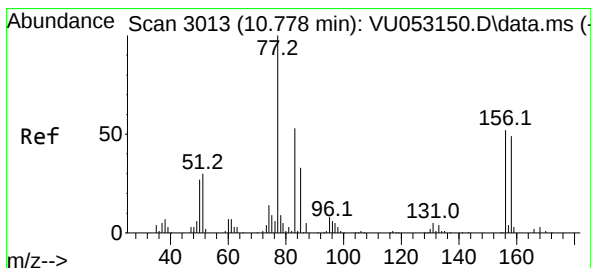
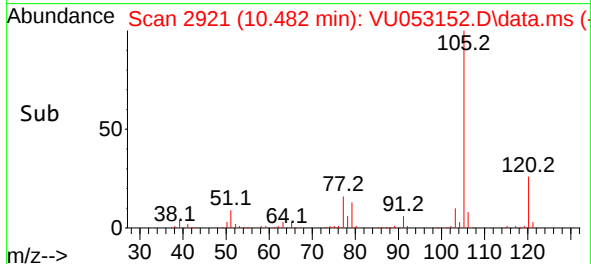
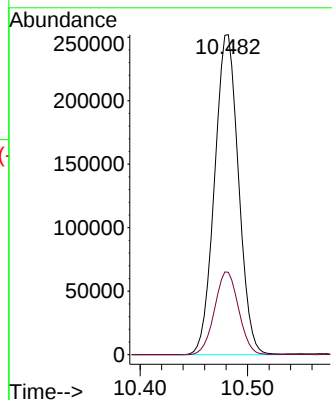
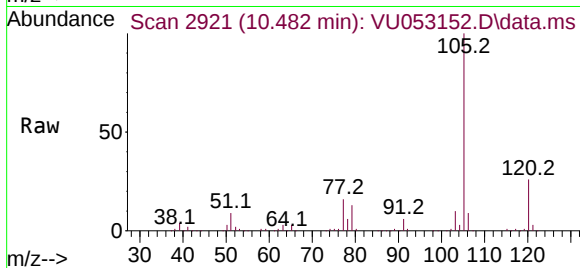
ICVVU022723

Tgt Ion:105 Resp: 390211

Ion Ratio Lower Upper

105 100

120 26.0 12.6 37.6



#70

1,1,2,2-Tetrachloroethane

Concen: 10.184 ug/l

RT: 10.778 min Scan# 3013

Delta R.T. 0.000 min

Lab File: VU053152.D

Acq: 27 Feb 2023 14:13

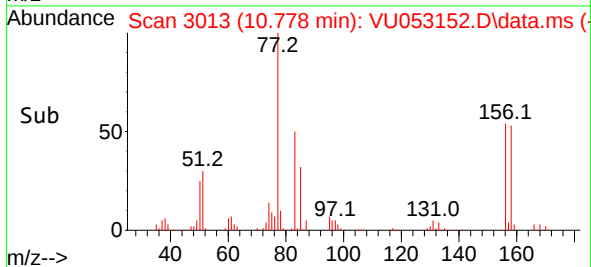
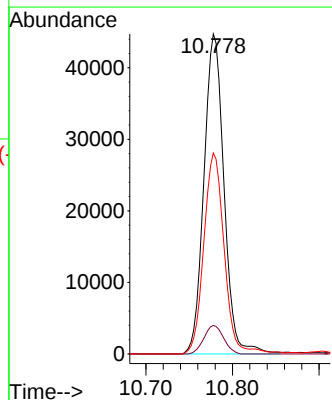
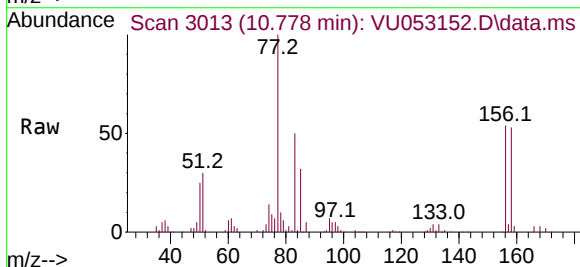
Tgt Ion: 83 Resp: 72116

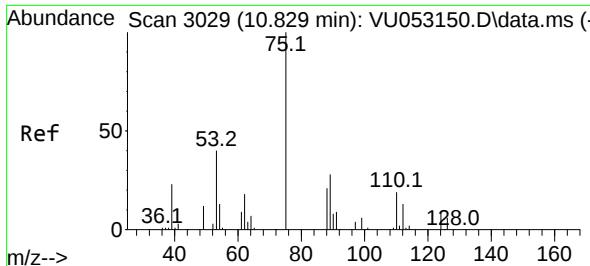
Ion Ratio Lower Upper

83 100

131 8.7 6.6 9.8

85 63.5 49.3 73.9

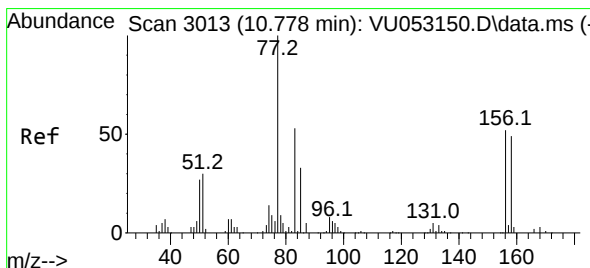
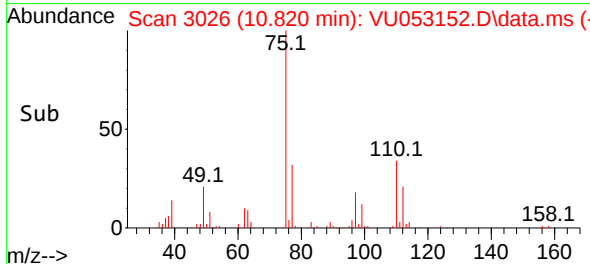
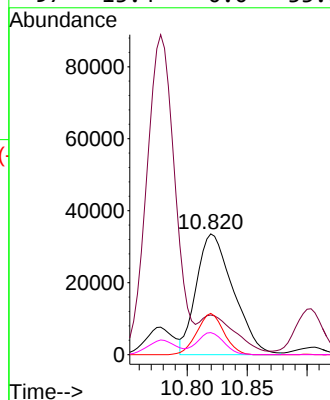
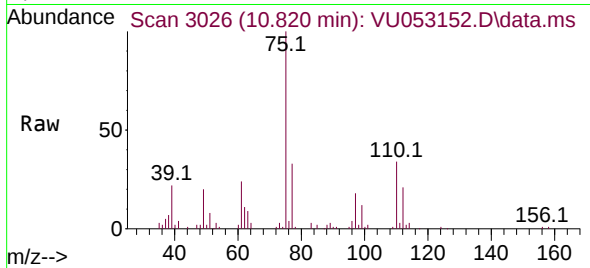




#71
1,2,3-Trichloropropane
Concen: 11.794 ug/l
RT: 10.820 min Scan# 3029
Delta R.T. -0.010 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

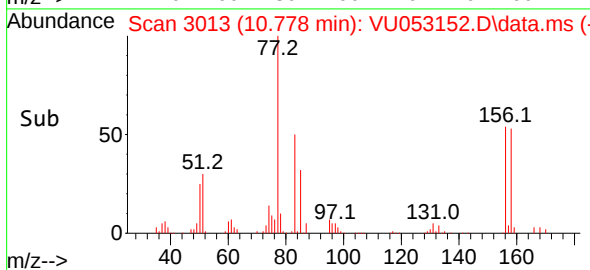
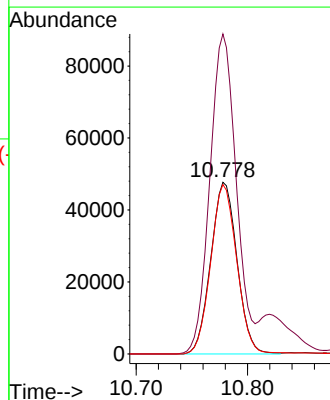
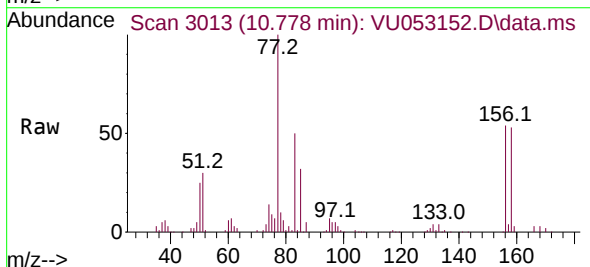
Instrument :
MSVOA_U
ClientSampleId :
ICVVU022723

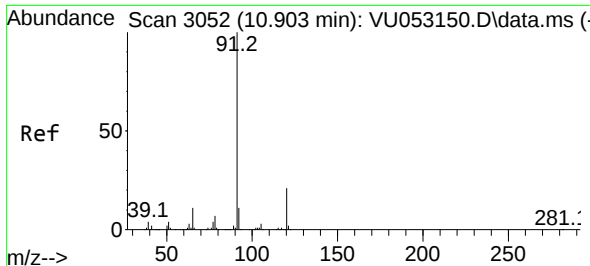
Tgt Ion: 75	Resp: 71880
Ion Ratio	Lower Upper
75 100	
77 28.6	0.0 98.2
110 25.0	0.0 57.0
97 13.4	0.0 33.6



#72
Bromobenzene
Concen: 11.444 ug/l
RT: 10.778 min Scan# 3013
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

Tgt Ion:156	Resp:	78142	
Ion	Ratio	Lower	Upper
156	100		
77	187.3	0.0	397.0
158	97.9	0.0	189.2

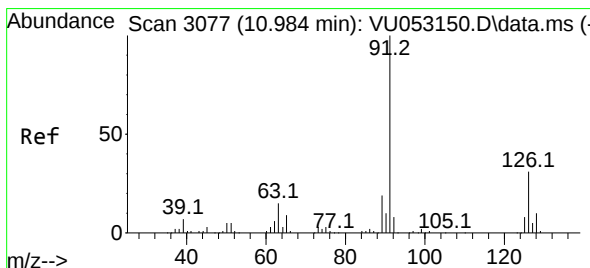
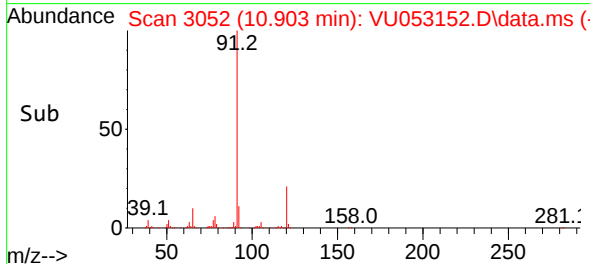
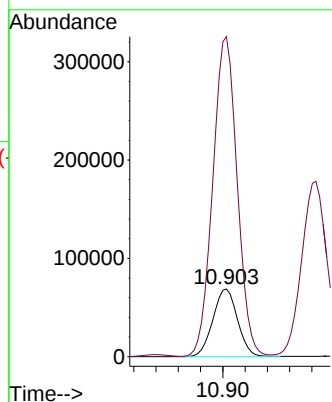
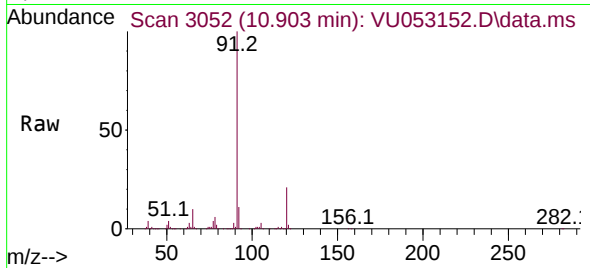




#73
n-propylbenzene
Concen: 11.324 ug/l
RT: 10.903 min Scan# 3052
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

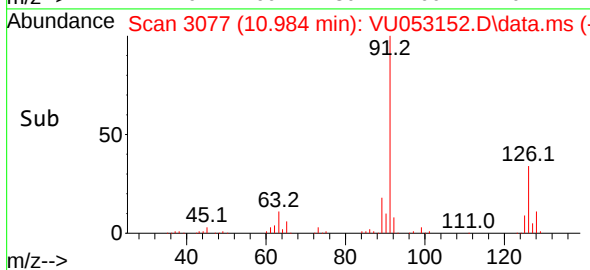
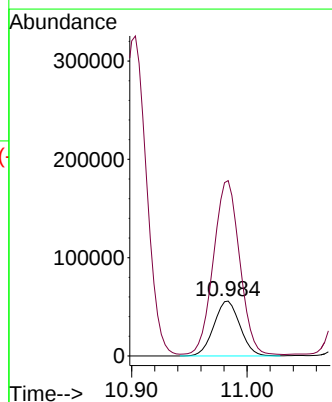
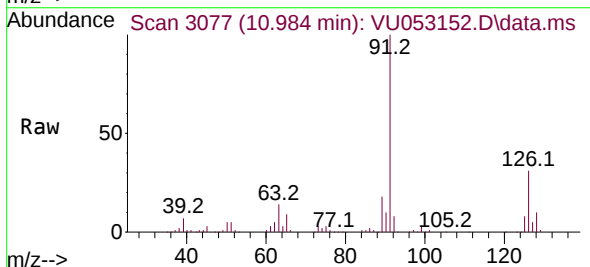
Instrument :
MSVOA_U
ClientSampleId :
ICVVU022723

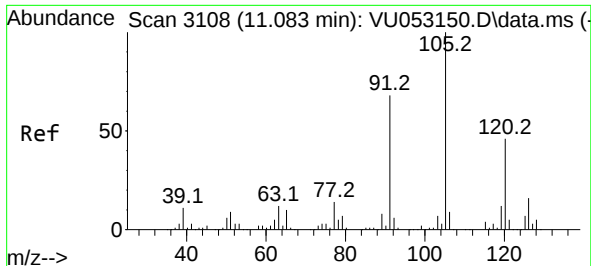
Tgt Ion:120 Resp: 105723
Ion Ratio Lower Upper
120 100
91 467.3 372.5 558.7



#74
2-Chlorotoluene
Concen: 11.349 ug/l
RT: 10.984 min Scan# 3077
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

Tgt Ion:126 Resp: 87728
Ion Ratio Lower Upper
126 100
91 318.4 0.0 658.6

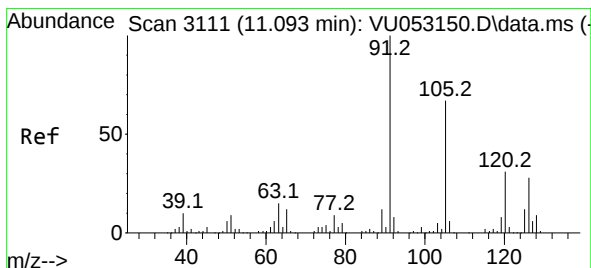
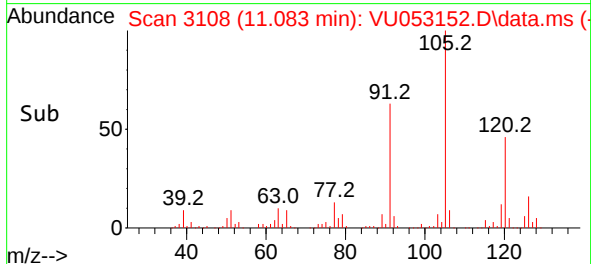
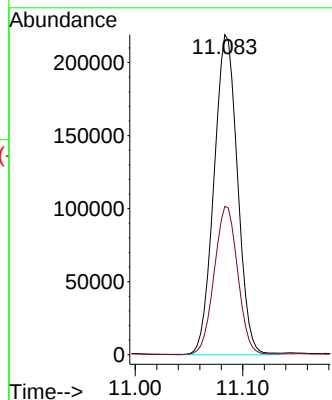
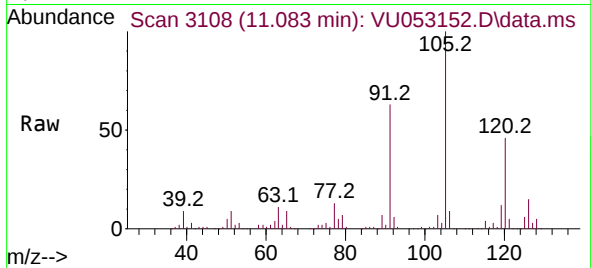




#75
1,3,5-Trimethylbenzene
Concen: 11.390 ug/l
RT: 11.083 min Scan# 3108
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

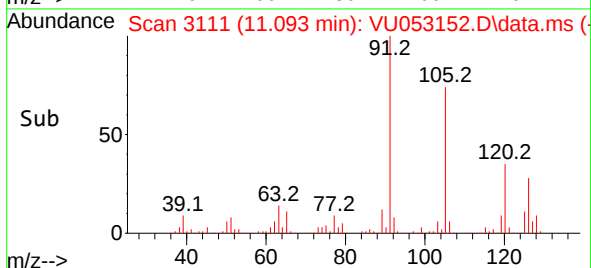
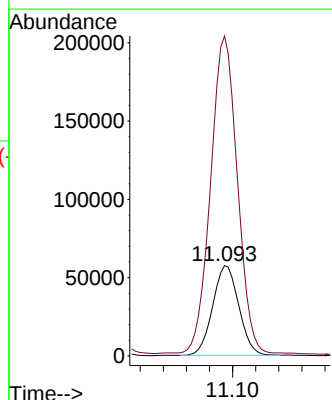
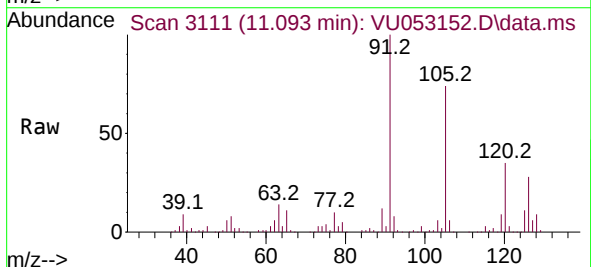
Instrument :
MSVOA_U
ClientSampleId :
ICVVU022723

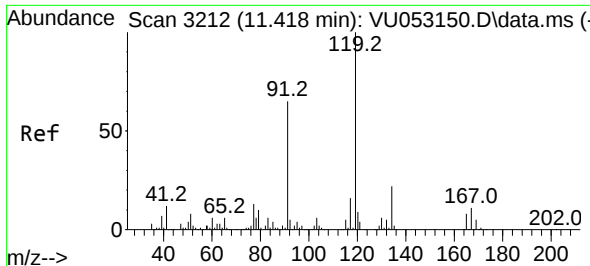
Tgt Ion:105 Resp: 333514
Ion Ratio Lower Upper
105 100
120 46.1 36.5 54.7



#76
4-Chlorotoluene
Concen: 11.057 ug/l
RT: 11.093 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

Tgt Ion:126 Resp: 89849
Ion Ratio Lower Upper
126 100
91 367.4 0.0 760.6

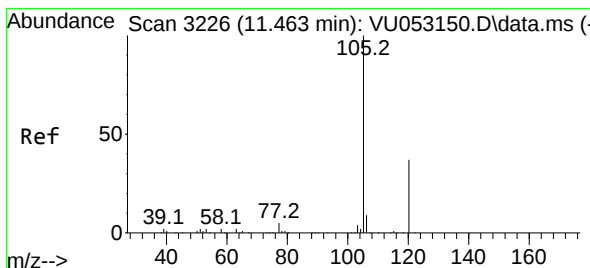
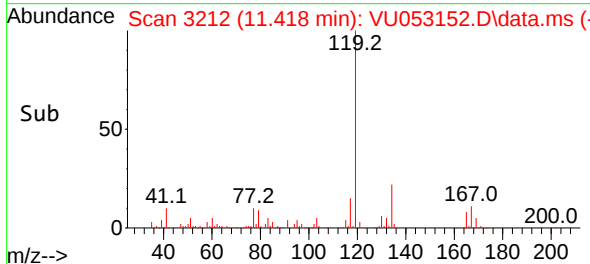
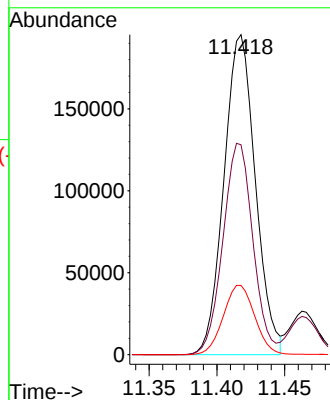
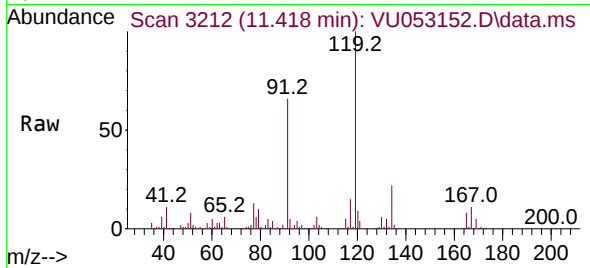




#77
tert-Butylbenzene
Concen: 10.992 ug/l
RT: 11.418 min Scan# 3212
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

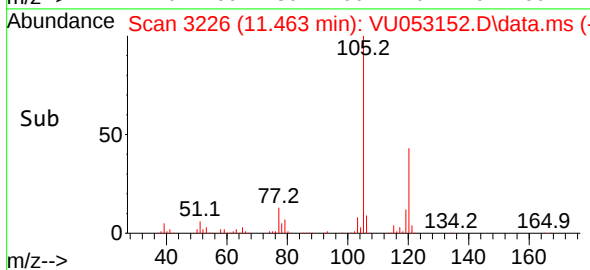
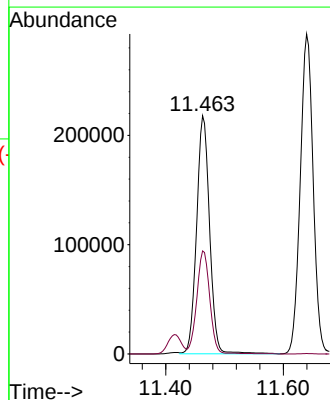
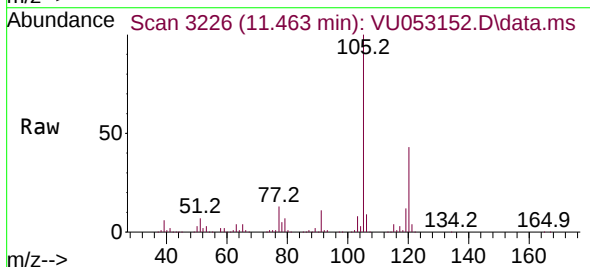
Instrument :
MSVOA_U
ClientSampleId :
ICVVU022723

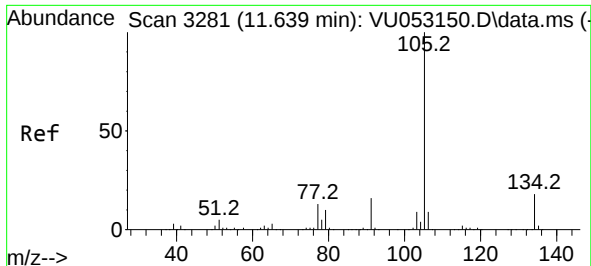
Tgt Ion:119 Resp: 315404
Ion Ratio Lower Upper
119 100
91 62.9 31.9 95.7
134 21.8 17.4 26.0



#78
1,2,4-Trimethylbenzene
Concen: 11.174 ug/l
RT: 11.463 min Scan# 3226
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

Tgt Ion:105 Resp: 333463
Ion Ratio Lower Upper
105 100
120 42.6 21.1 63.1

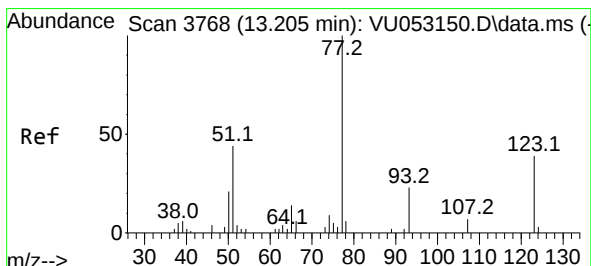
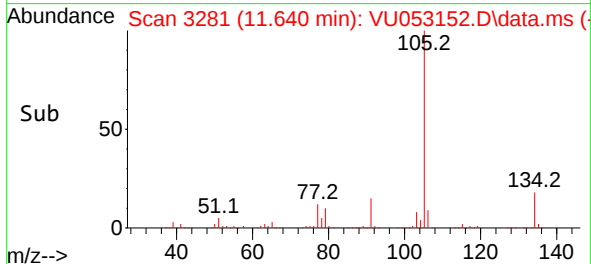
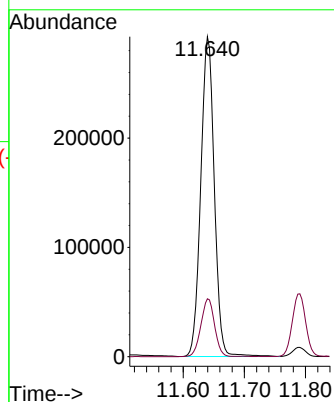
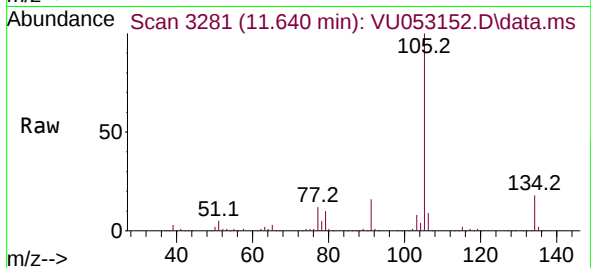




#79
 sec-Butylbenzene
 Concen: 11.289 ug/l
 RT: 11.640 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU053152.D
 Acq: 27 Feb 2023 14:13

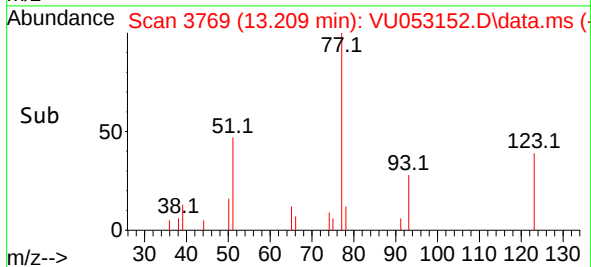
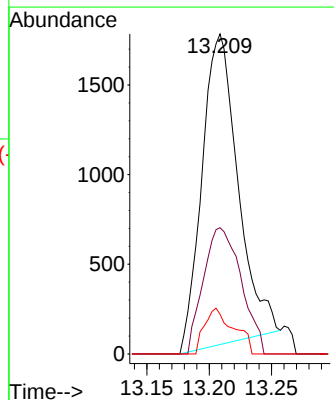
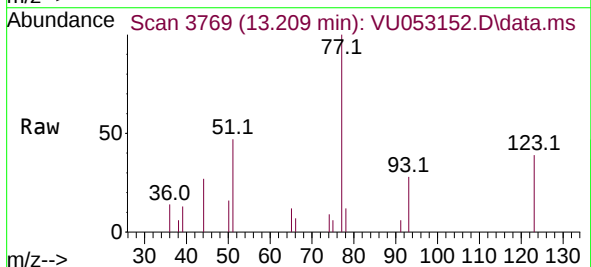
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU022723

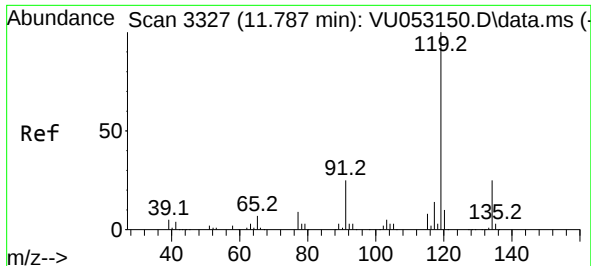
Tgt Ion:105 Resp: 449511
 Ion Ratio Lower Upper
 105 100
 134 18.3 14.4 21.6



#80
 Nitrobenzene
 Concen: 9.413 ug/l
 RT: 13.209 min Scan# 3769
 Delta R.T. 0.003 min
 Lab File: VU053152.D
 Acq: 27 Feb 2023 14:13

Tgt Ion: 77 Resp: 3484
 Ion Ratio Lower Upper
 77 100
 123 42.7 17.0 60.2
 65 12.0 12.9 16.5#

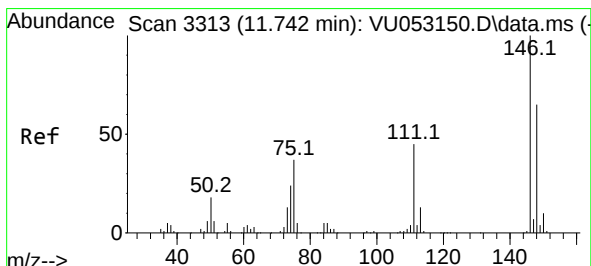
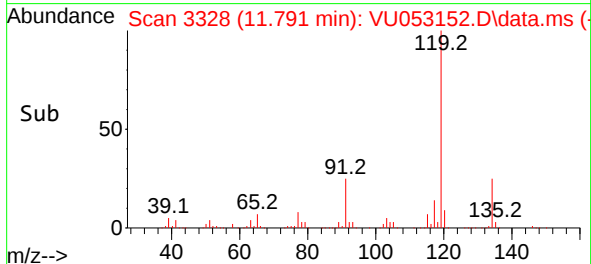
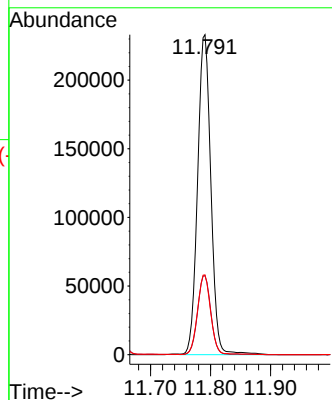
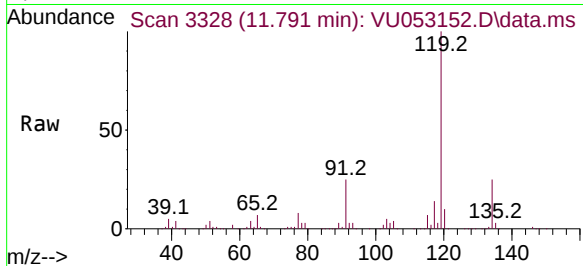




#81
p-Isopropyltoluene
Concen: 11.403 ug/l
RT: 11.791 min Scan# 3328
Delta R.T. 0.003 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

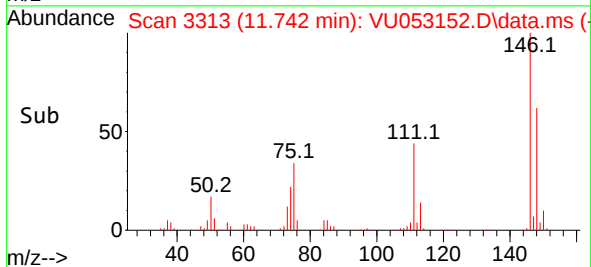
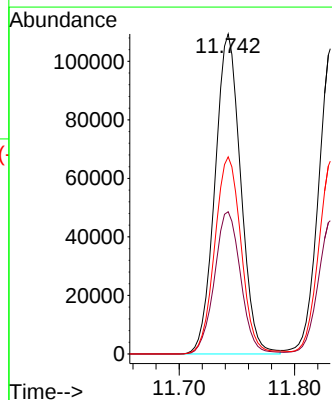
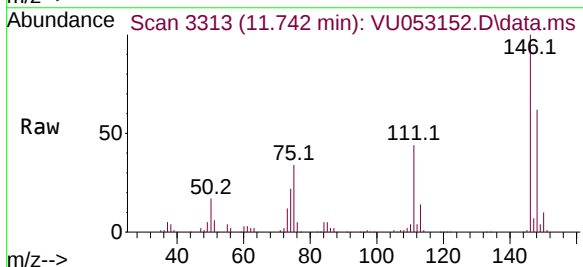
Instrument :
MSVOA_U
ClientSampleId :
ICVVU022723

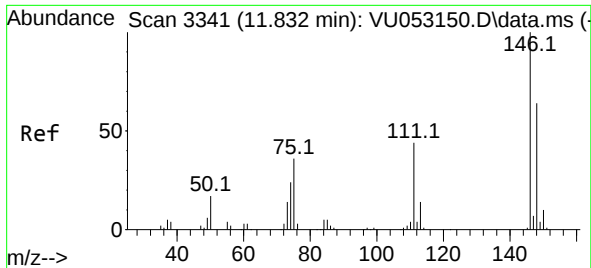
Tgt Ion:119 Resp: 359687
Ion Ratio Lower Upper
119 100
134 24.3 19.8 29.6
91 24.5 20.5 30.7



#82
1,3-Dichlorobenzene
Concen: 11.292 ug/l
RT: 11.742 min Scan# 3313
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

Tgt Ion:146 Resp: 169280
Ion Ratio Lower Upper
146 100
111 45.4 36.0 54.0
148 63.4 50.8 76.2

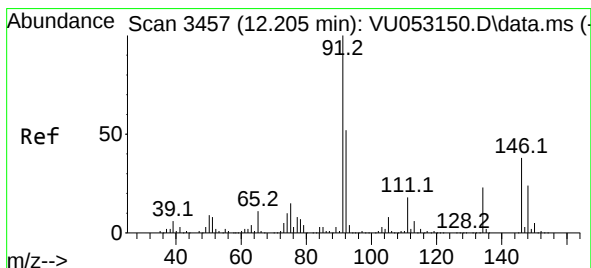
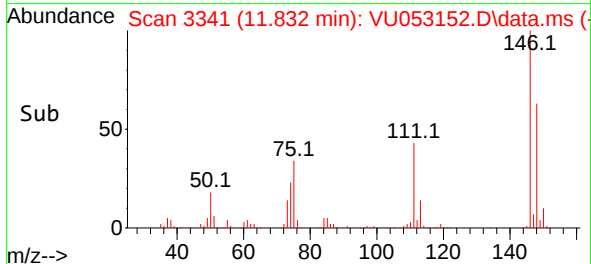
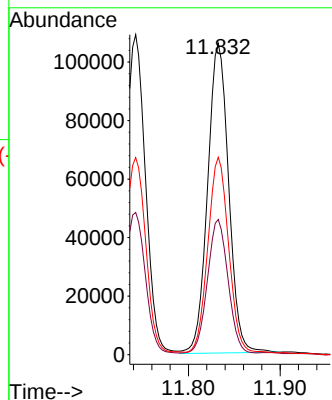
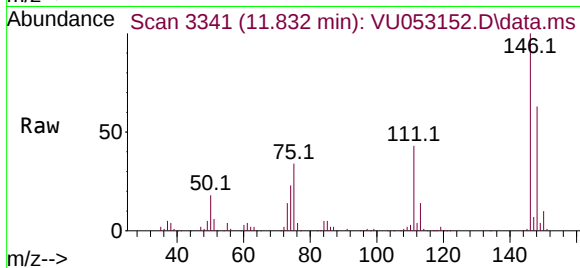




#83
1,4-Dichlorobenzene
Concen: 11.033 ug/l
RT: 11.832 min Scan# 3341
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

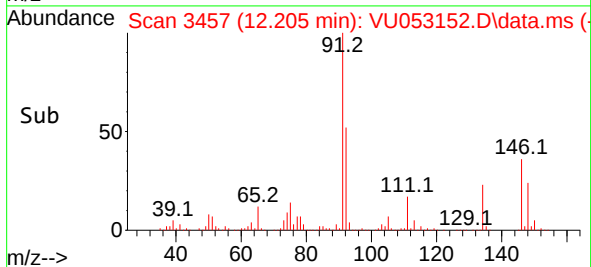
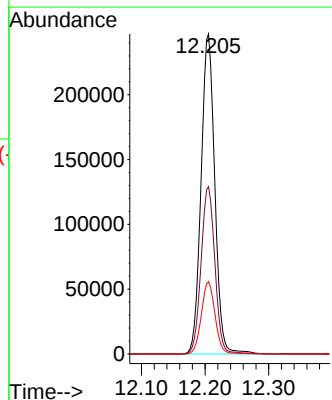
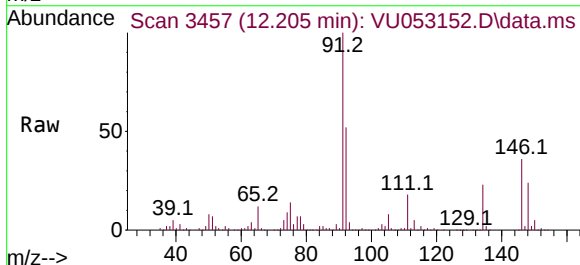
Instrument :
MSVOA_U
ClientSampleId :
ICVVU022723

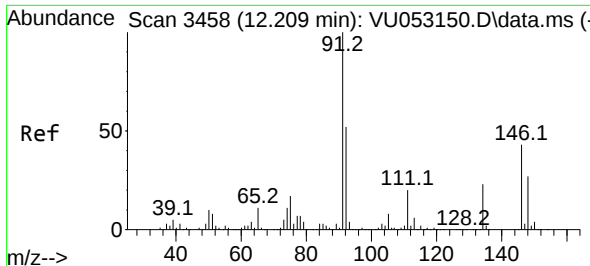
Tgt Ion:146 Resp: 168858
Ion Ratio Lower Upper
146 100
111 42.3 34.0 51.0
148 62.8 49.8 74.6



#84
n-Butylbenzene
Concen: 11.322 ug/l
RT: 12.205 min Scan# 3457
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

Tgt Ion: 91 Resp: 369983
Ion Ratio Lower Upper
91 100
92 52.8 41.8 62.6
134 22.7 17.9 26.9

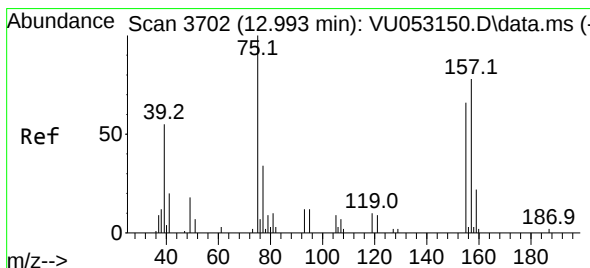
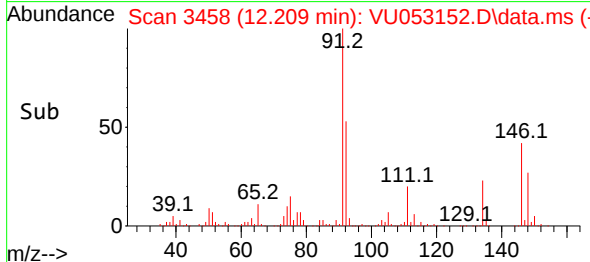
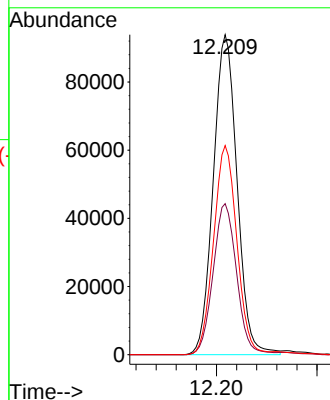
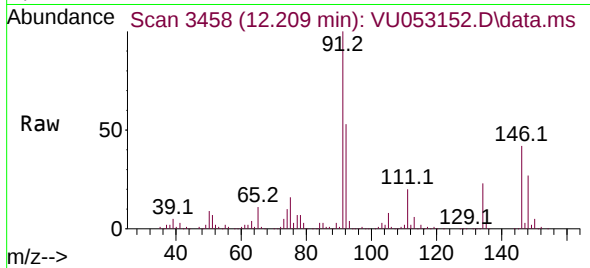




#85
 1,2-Dichlorobenzene
 Concen: 10.796 ug/l
 RT: 12.209 min Scan# 3458
 Delta R.T. 0.000 min
 Lab File: VU053152.D
 Acq: 27 Feb 2023 14:13

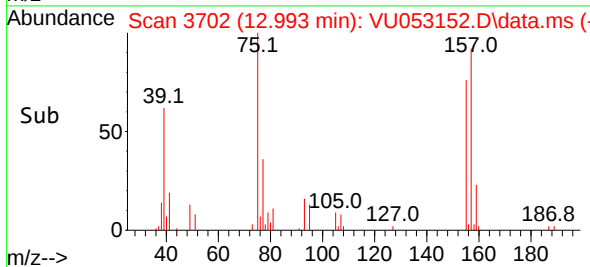
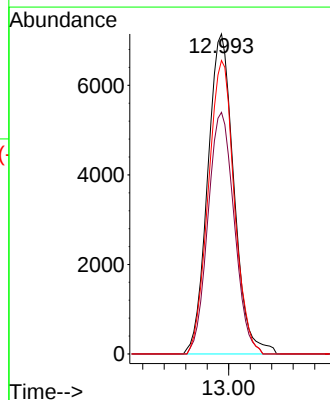
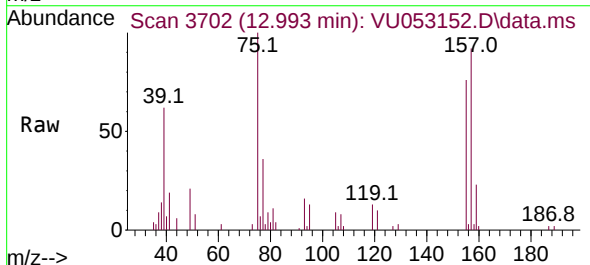
Instrument :
 MSVOA_U
 ClientSampleId :
 ICSVU022723

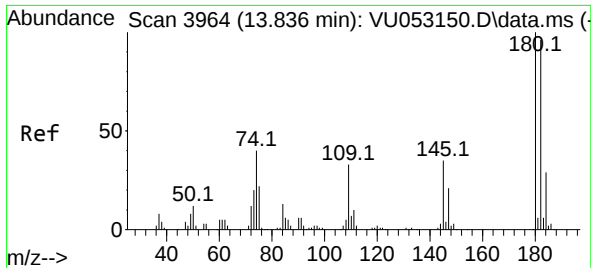
Tgt Ion:146 Resp: 154312
 Ion Ratio Lower Upper
 146 100
 111 46.6 23.2 69.6
 148 64.1 31.4 94.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 9.042 ug/l
 RT: 12.993 min Scan# 3702
 Delta R.T. 0.000 min
 Lab File: VU053152.D
 Acq: 27 Feb 2023 14:13

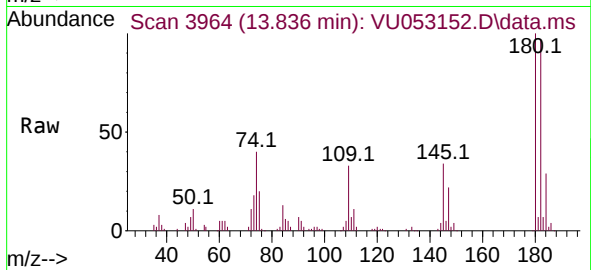
Tgt Ion: 75 Resp: 12120
 Ion Ratio Lower Upper
 75 100
 155 75.3 53.4 80.0
 157 90.3 61.7 92.5



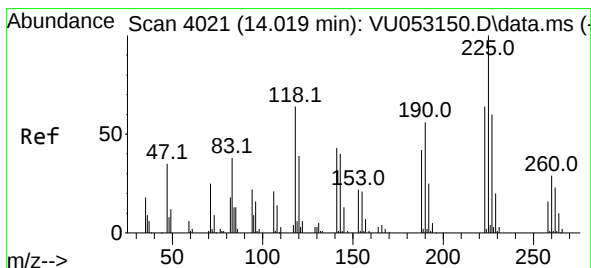
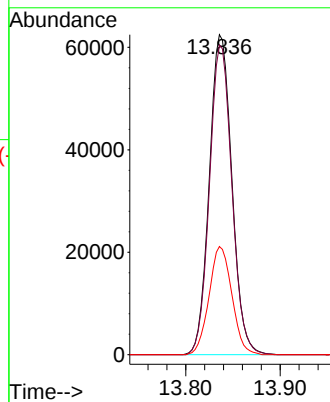
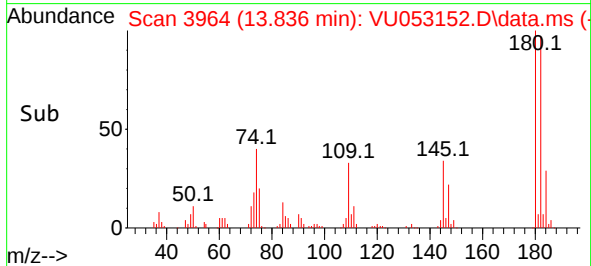


#87
1,2,4-Trichlorobenzene
Concen: 11.820 ug/l
RT: 13.836 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

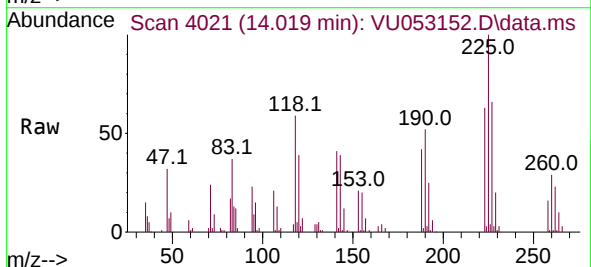
Instrument :
MSVOA_U
ClientSampleId :
ICVVU022723



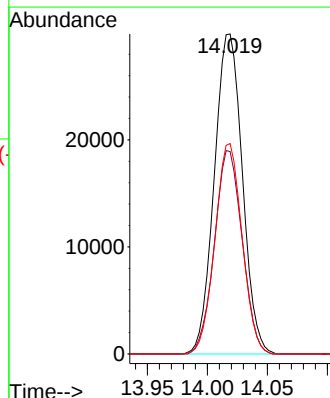
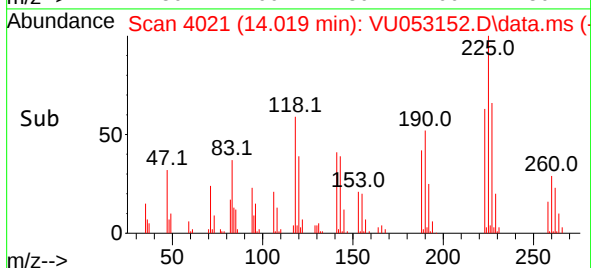
Tgt Ion:180 Resp: 103686
Ion Ratio Lower Upper
180 100
182 95.9 77.4 116.0
145 34.2 28.3 42.5

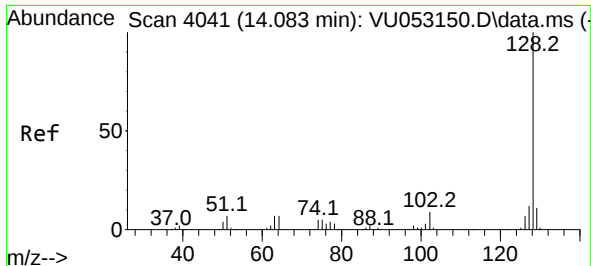


#88
Hexachlorobutadiene
Concen: 11.362 ug/l
RT: 14.019 min Scan# 4021
Delta R.T. -0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13



Tgt Ion:225 Resp: 48680
Ion Ratio Lower Upper
225 100
223 62.7 51.1 76.7
227 63.5 49.9 74.9

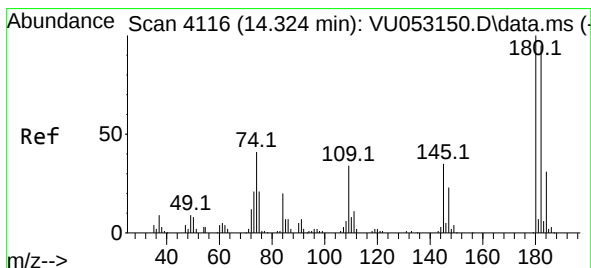
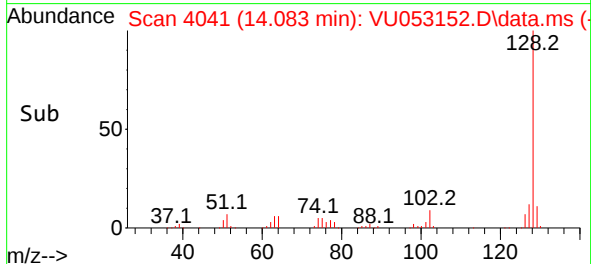
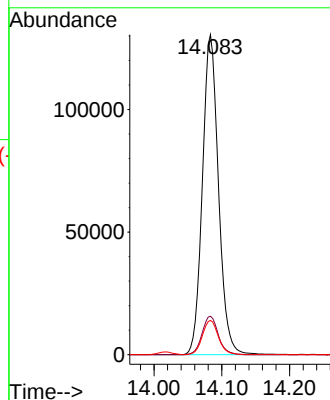
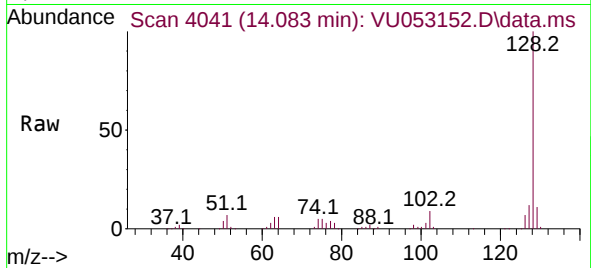




#89
Naphthalene
Concen: 11.523 ug/l
RT: 14.083 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

Instrument :
MSVOA_U
ClientSampleId :
ICVVU022723

Tgt Ion:128 Resp: 215042
Ion Ratio Lower Upper
128 100
127 12.1 9.9 14.9
129 10.6 8.3 12.5



#90
1,2,3-Trichlorobenzene
Concen: 11.606 ug/l
RT: 14.324 min Scan# 4116
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

Tgt Ion:180 Resp: 89581
Ion Ratio Lower Upper
180 100
182 94.5 76.6 115.0
145 36.5 29.0 43.6

