

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083023\
 Data File : VU054989.D
 Acq On : 30 Aug 2023 10:39
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 31 02:30:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 30 01:18:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	174757	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	159823	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	88772	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	21252	3.853	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.000%
7) Chloroethane-d5	1.908	69	30261	4.247	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.000%
11) 1,1-Dichloroethene-d2	2.564	65	13624	4.370	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.400%
20) 2-Butanone-d5	4.628	46	186198	62.539	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.080%
24) Chloroform-d	5.062	84	100713	4.922	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	5.699	65	55146	5.065	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	5.724	84	173465	4.828	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	6.689	67	64255	5.085	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.800%
41) Toluene-d8	7.898	98	160929	4.677	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
43) trans-1,3-Dichloroprop...	8.181	79	20071	4.827	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.631	63	126495	64.093	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	128.180%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	63443	5.855	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	70309	4.960	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.384	85	59144	5.462	ug/L	99
3) Chloromethane	1.519	50	58795	5.204	ug/L	98
5) Vinyl chloride	1.599	62	63052	5.376	ug/L	98
6) Bromomethane	1.853	94	27741	3.790	ug/L	97
8) Chloroethane	1.930	64	39387	5.106	ug/L	96
9) Trichlorofluoromethane	2.136	101	91083	5.457	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	52740	5.816	ug/L	96
12) 1,1-Dichloroethene	2.576	96	44015	5.578	ug/L	89
13) Acetone	2.634	43	99616	61.899	ug/L	98
14) Carbon disulfide	2.789	76	112293	5.138	ug/L	96
15) Methyl Acetate	2.953	43	21134	6.415	ug/L	98
16) Methylene chloride	3.039	84	61661	5.086	ug/L	95
17) Methyl tert-butyl Ether	3.361	73	131040	5.706	ug/L	100
18) trans-1,2-Dichloroethene	3.351	96	45433	5.269	ug/L	95
19) 1,1-Dichloroethane	3.866	63	97418	5.386	ug/L	97
21) 2-Butanone	4.708	43	154894	62.812	ug/L	98
22) cis-1,2-Dichloroethene	4.666	96	56233	5.470	ug/L	97
23) Bromochloromethane	4.975	128	23833	5.357	ug/L	93
25) Chloroform	5.088	83	104205	5.252	ug/L	100

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 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 31 02:30:53 2023
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 Quant Title : TRACE VOA SFAM1.0
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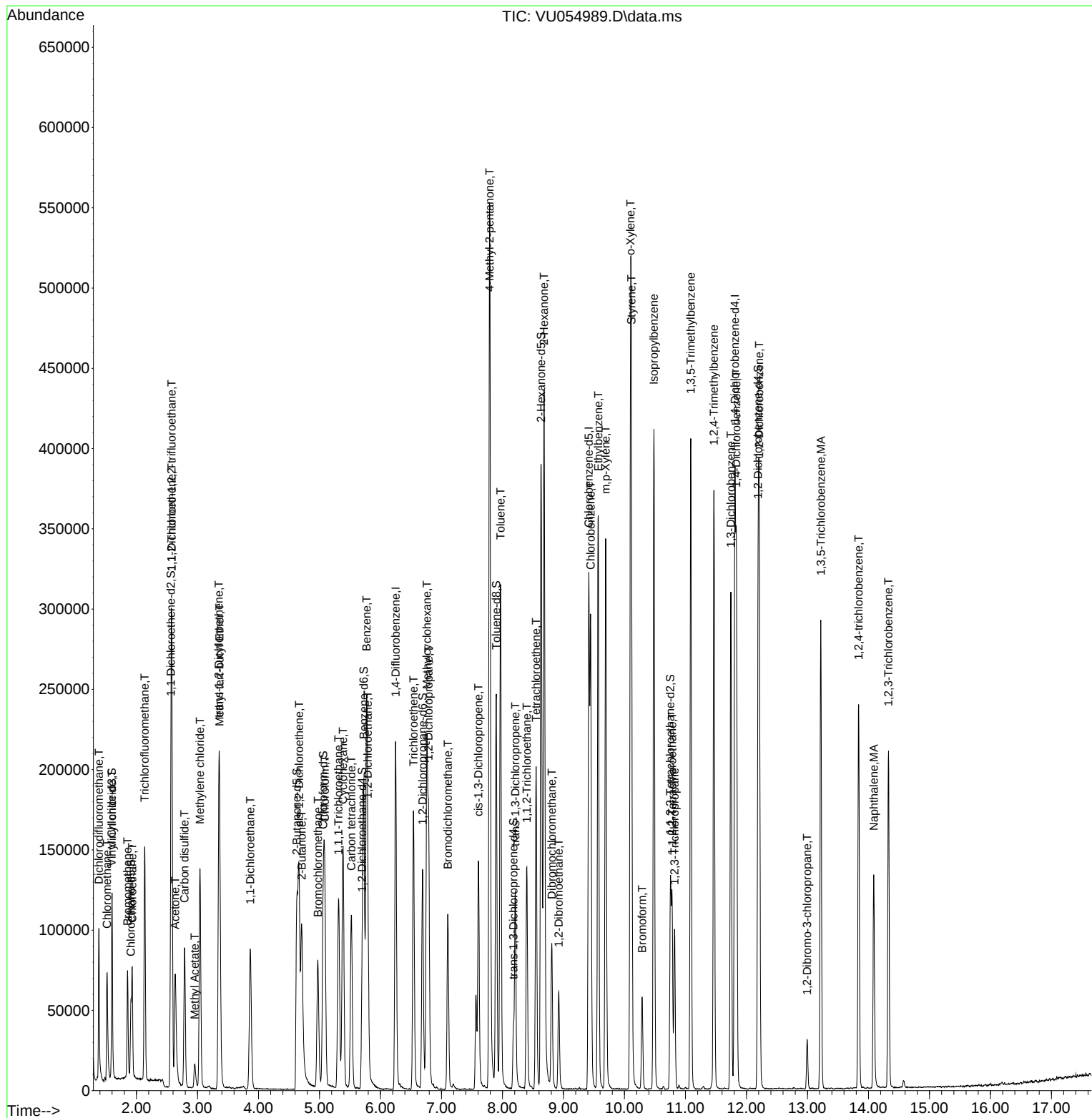
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	66600	5.494	ug/L	98
29) 1,1,1-Trichloroethane	5.313	97	85537	5.384	ug/L	99
30) Cyclohexane	5.387	56	75593	5.368	ug/L	98
31) Carbon tetrachloride	5.522	117	71171	5.265	ug/L	98
33) Benzene	5.773	78	206895	5.488	ug/L	100
34) Trichloroethene	6.541	95	58627	5.611	ug/L	98
35) Methylcyclohexane	6.763	83	78834	5.099	ug/L	98
37) 1,2-Dichloropropane	6.789	63	58360	5.552	ug/L	99
38) Bromodichloromethane	7.104	83	71477	5.482	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	84041	5.549	ug/L	98
40) 4-Methyl-2-pentanone	7.789	43	367701	62.752	ug/L	99
42) Toluene	7.969	91	226237	5.408	ug/L	98
44) trans-1,3-Dichloropropene	8.210	75	67551	5.401	ug/L	99
45) 1,1,2-Trichloroethane	8.399	97	41757	5.886	ug/L	96
47) Tetrachloroethene	8.551	164	41489	5.526	ug/L	92
48) 2-Hexanone	8.682	43	283265	65.277	ug/L	98
49) Dibromochloromethane	8.808	129	45106	5.489	ug/L	91
50) 1,2-Dibromoethane	8.924	107	39226	5.744	ug/L #	99
51) Chlorobenzene	9.444	112	147136	5.403	ug/L	99
52) Ethylbenzene	9.570	91	252725	5.356	ug/L	99
53) m,p-Xylene	9.692	106	95266	5.387	ug/L	91
54) o-Xylene	10.100	106	94424	5.570	ug/L	96
55) Styrene	10.113	104	159594	5.711	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.782	83	54061	6.161	ug/L	96
59) Bromoform	10.290	173	24208	5.489	ug/L	97
60) Isopropylbenzene	10.483	105	259048	5.436	ug/L	99
61) 1,2,3-Trichloropropane	10.821	75	39767	6.016	ug/L	98
62) 1,3,5-Trimethylbenzene	11.087	105	217743	5.324	ug/L	98
63) 1,2,4-Trimethylbenzene	11.467	105	206159	5.433	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	122271	5.514	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	121085	5.459	ug/L	98
67) 1,2-Dichlorobenzene	12.210	146	113456	5.614	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	7849	6.129	ug/L	92
69) 1,3,5-Trichlorobenzene	13.219	180	84872	5.741	ug/L	97
70) 1,2,4-trichlorobenzene	13.840	180	67739	5.851	ug/L	100
71) Naphthalene	14.087	128	103787	5.958	ug/L #	97
72) 1,2,3-Trichlorobenzene	14.328	180	57463	5.990	ug/L	99

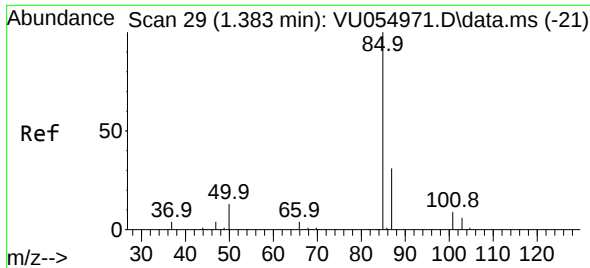
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Data File : VU054989.D
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ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Aug 31 02:30:53 2023
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QLast Update : Wed Aug 30 01:18:16 2023
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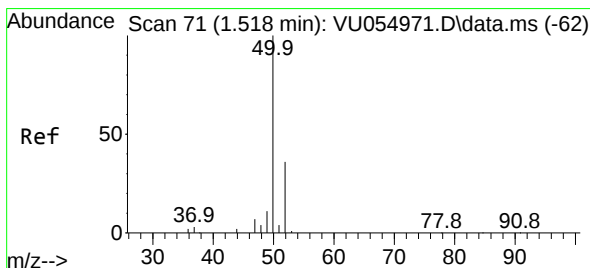
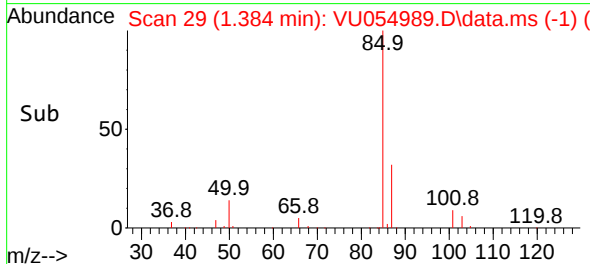
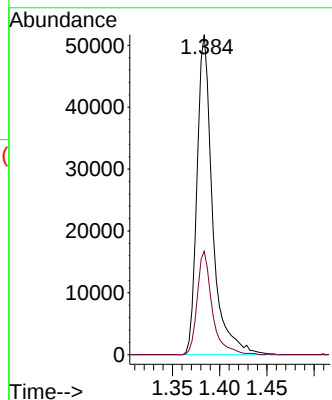
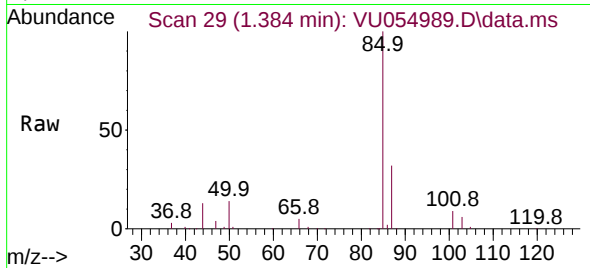




#2
 Dichlorodifluoromethane
 Concen: 5.462 ug/L
 RT: 1.384 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU054989.D
 Acq: 30 Aug 2023 10:39

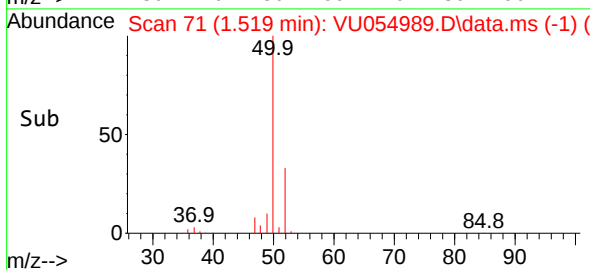
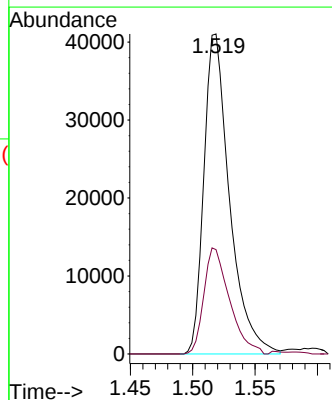
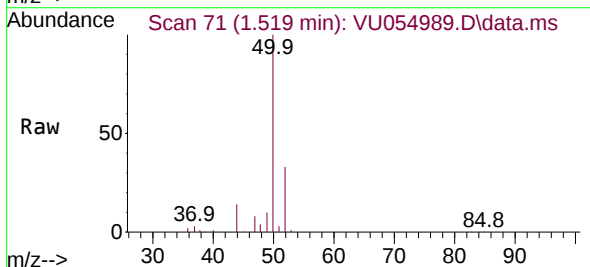
Instrument :
 MSVOA_U
 ClientSampleId :

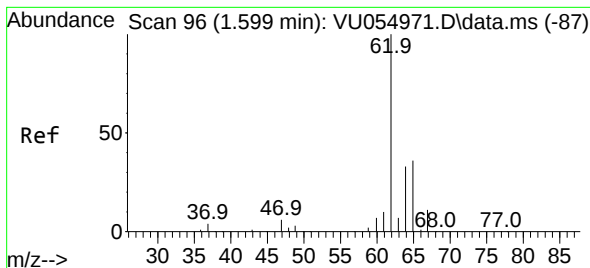
Tgt Ion: 85 Resp: 59144
 Ion Ratio Lower Upper
 85 100
 87 31.2 25.4 38.0



#3
 Chloromethane
 Concen: 5.204 ug/L
 RT: 1.519 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU054989.D
 Acq: 30 Aug 2023 10:39

Tgt Ion: 50 Resp: 58795
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.4 43.6





#5

Vinyl chloride

Concen: 5.376 ug/L

RT: 1.599 min Scan# 96

Delta R.T. 0.000 min

Lab File: VU054989.D

Acq: 30 Aug 2023 10:39

Instrument :

MSVOA_U

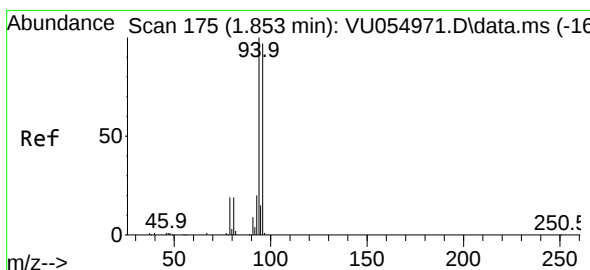
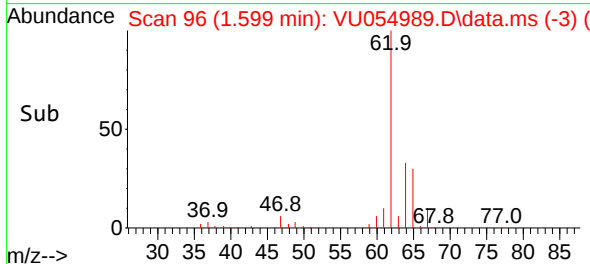
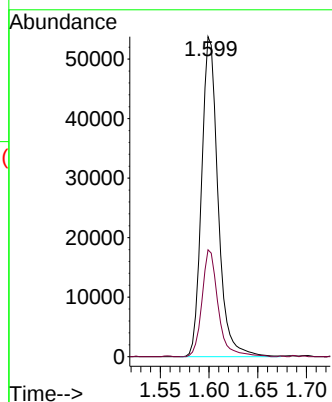
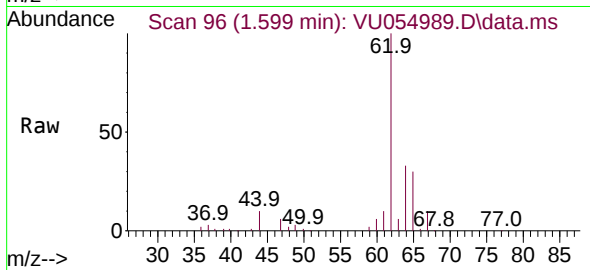
ClientSampleId :

Tgt Ion: 62 Resp: 63052

Ion Ratio Lower Upper

62 100

64 33.4 22.7 42.1



#6

Bromomethane

Concen: 3.790 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.000 min

Lab File: VU054989.D

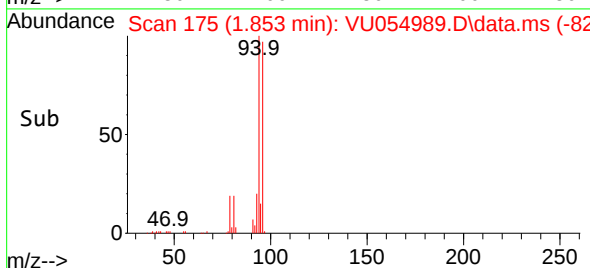
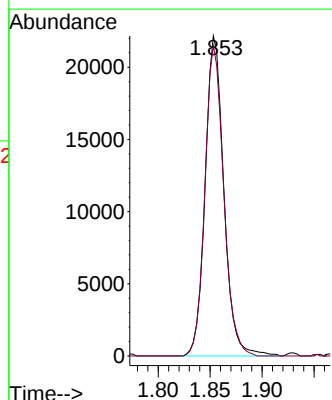
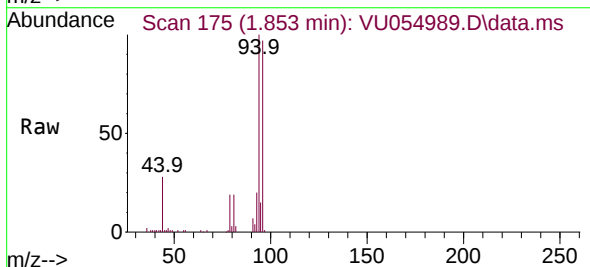
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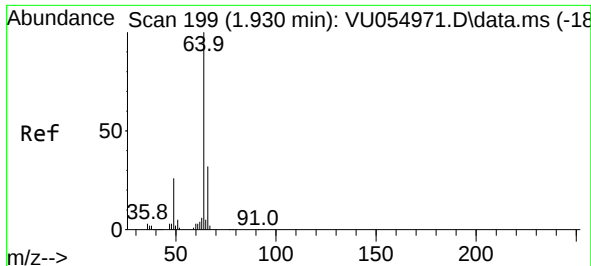
Tgt Ion: 94 Resp: 27741

Ion Ratio Lower Upper

94 100

96 97.0 65.5 121.7

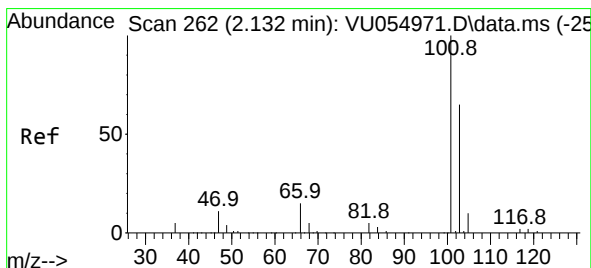
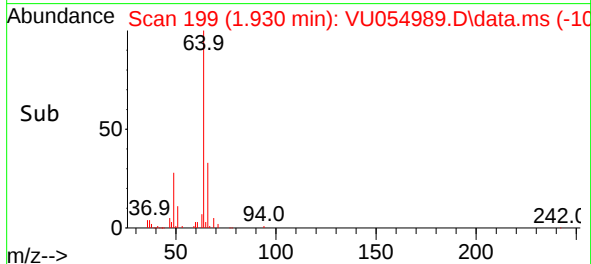
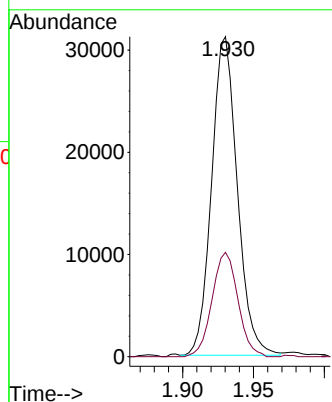
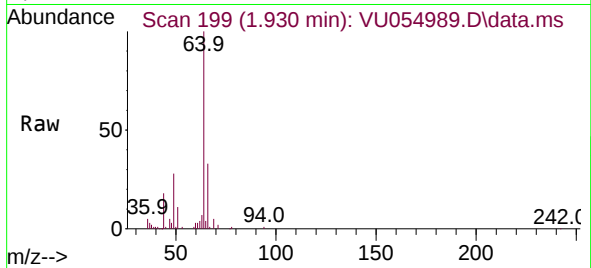




#8
Chloroethane
Concen: 5.106 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU054989.D
Acq: 30 Aug 2023 10:39

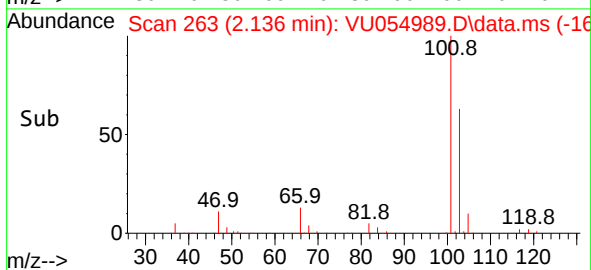
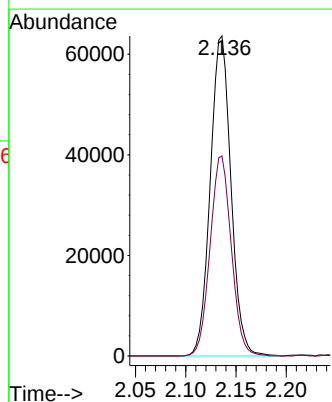
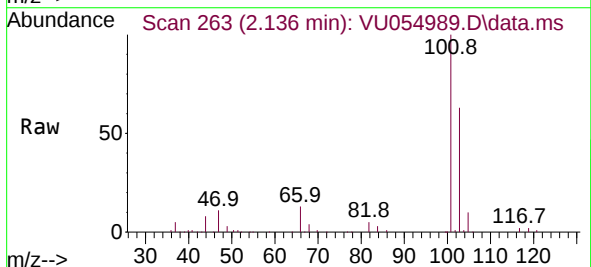
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MSVOA_U
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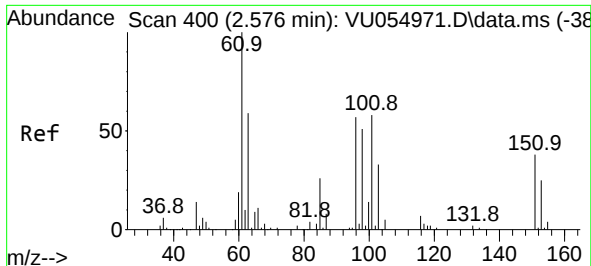
Tgt Ion: 64 Resp: 39387
Ion Ratio Lower Upper
64 100
66 32.6 21.5 39.9



#9
Trichlorofluoromethane
Concen: 5.457 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU054989.D
Acq: 30 Aug 2023 10:39

Tgt Ion:101 Resp: 91083
Ion Ratio Lower Upper
101 100
103 64.0 51.0 76.4

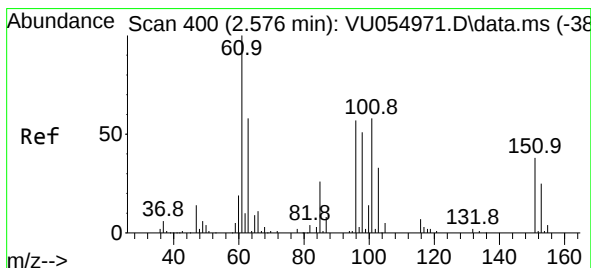
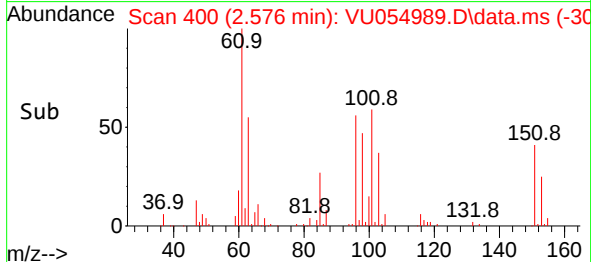
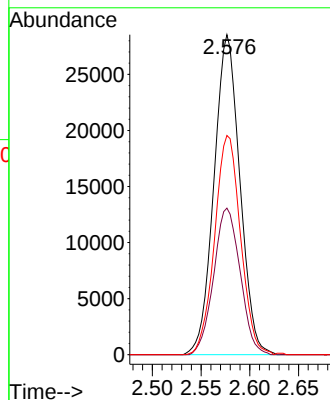
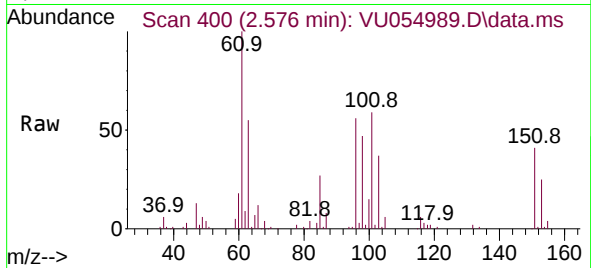




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.816 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU054989.D
 Acq: 30 Aug 2023 10:39

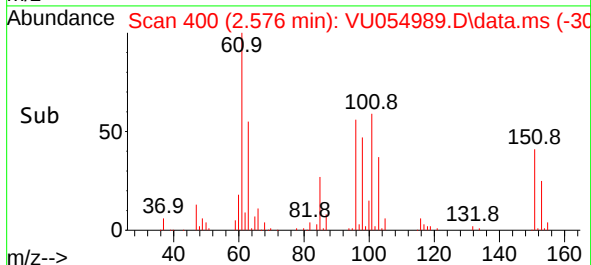
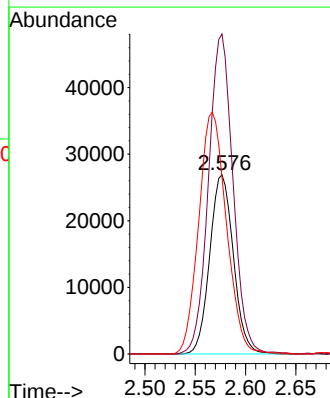
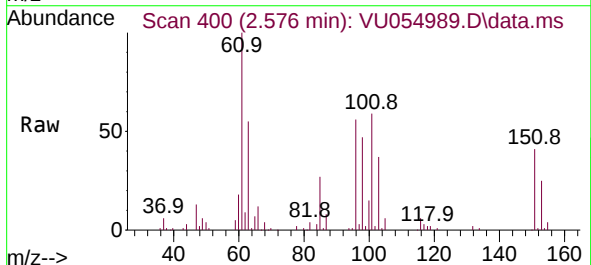
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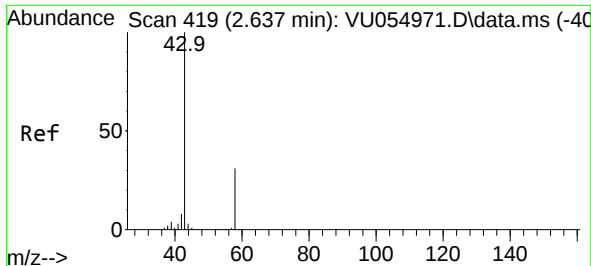
Tgt Ion:101 Resp: 52740
 Ion Ratio Lower Upper
 101 100
 85 46.8 38.3 57.5
 151 68.6 51.5 77.3



#12
 1,1-Dichloroethene
 Concen: 5.578 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU054989.D
 Acq: 30 Aug 2023 10:39

Tgt Ion: 96 Resp: 44015
 Ion Ratio Lower Upper
 96 100
 61 178.6 132.4 245.8
 63 98.9 82.5 153.1





#13

Acetone

Concen: 61.899 ug/L

RT: 2.634 min Scan# 419

Delta R.T. -0.003 min

Lab File: VU054989.D

Acq: 30 Aug 2023 10:39

Instrument :

MSVOA_U

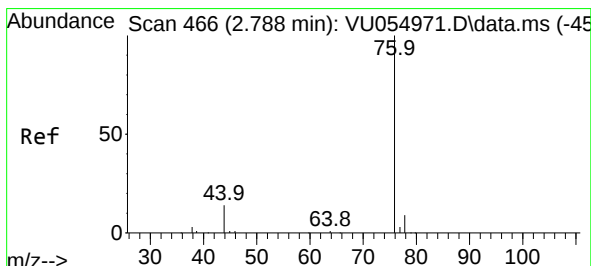
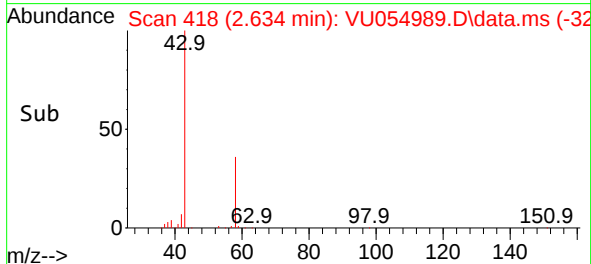
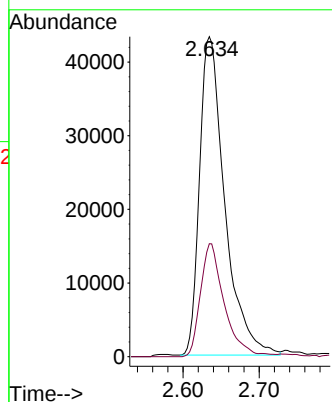
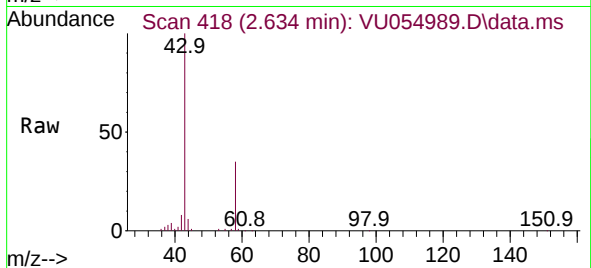
ClientSampleId :

Tgt Ion: 43 Resp: 99616

Ion Ratio Lower Upper

43 100

58 33.5 0.0 64.4



#14

Carbon disulfide

Concen: 5.138 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU054989.D

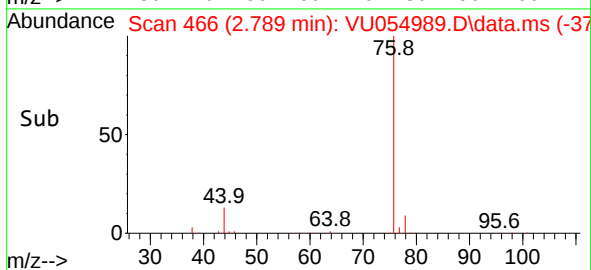
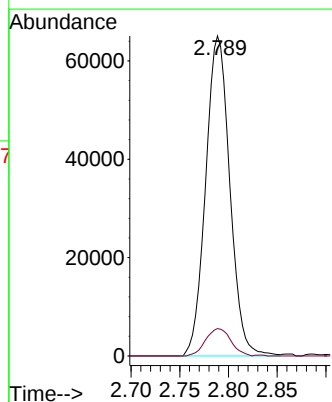
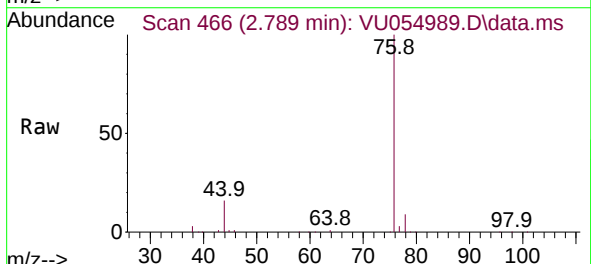
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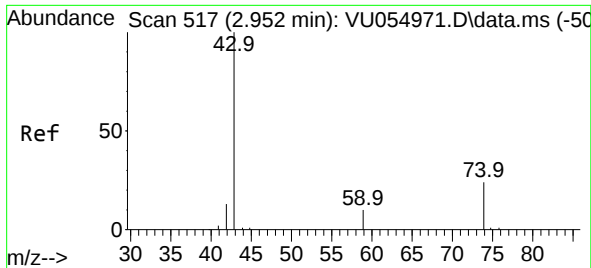
Tgt Ion: 76 Resp: 112293

Ion Ratio Lower Upper

76 100

78 8.5 8.2 12.2

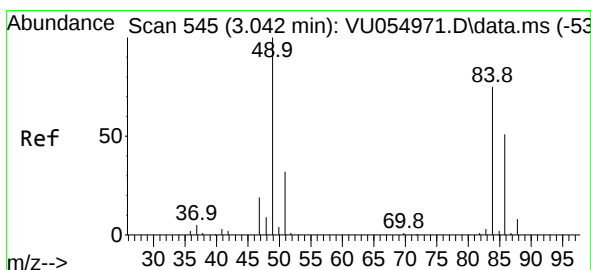
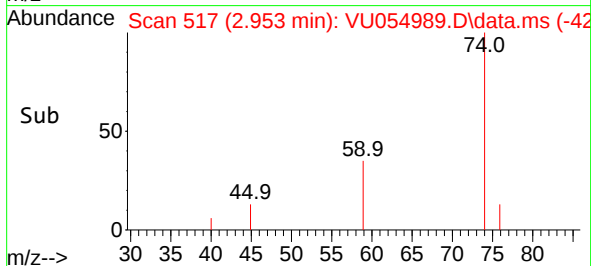
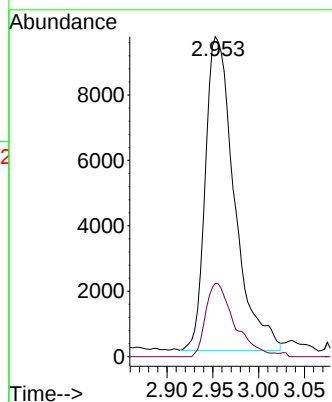
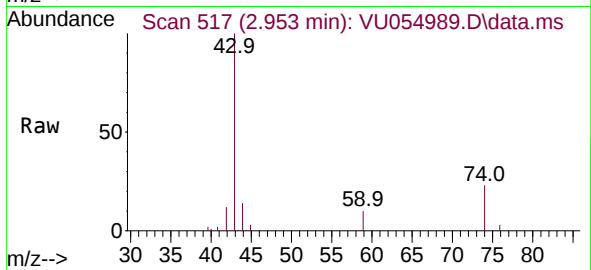




#15
Methyl Acetate
Concen: 6.415 ug/L
RT: 2.953 min Scan# 517
Delta R.T. 0.000 min
Lab File: VU054989.D
Acq: 30 Aug 2023 10:39

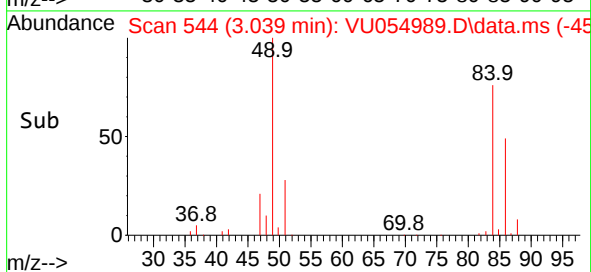
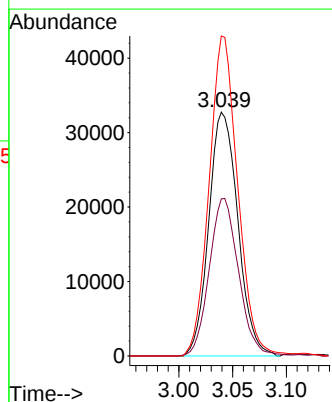
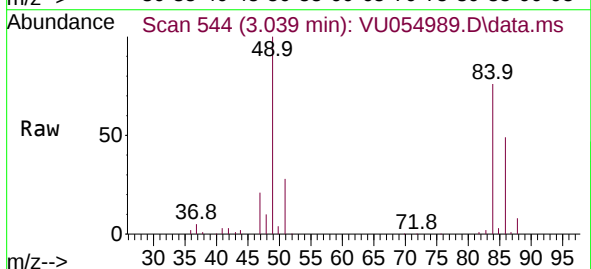
Instrument :
MSVOA_U
ClientSampleId :

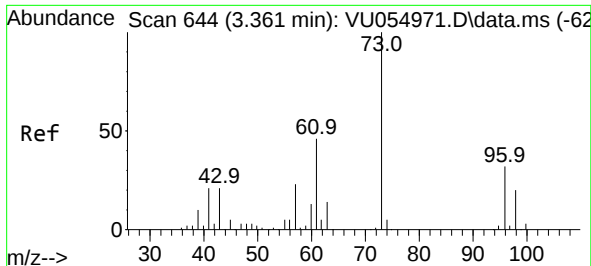
Tgt Ion: 43 Resp: 21134
Ion Ratio Lower Upper
43 100
74 23.2 19.5 29.3



#16
Methylene chloride
Concen: 5.086 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU054989.D
Acq: 30 Aug 2023 10:39

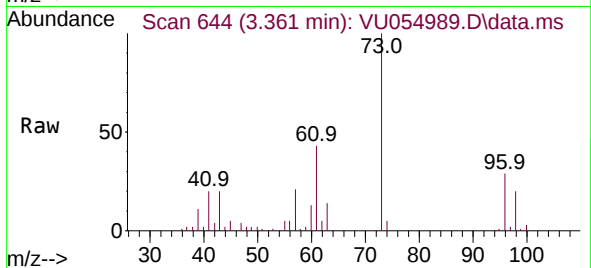
Tgt Ion: 84 Resp: 61661
Ion Ratio Lower Upper
84 100
86 64.5 45.1 83.7
49 137.2 89.5 166.3



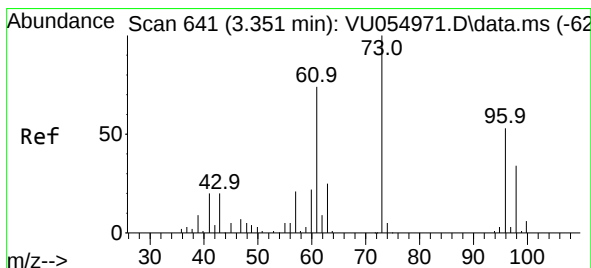
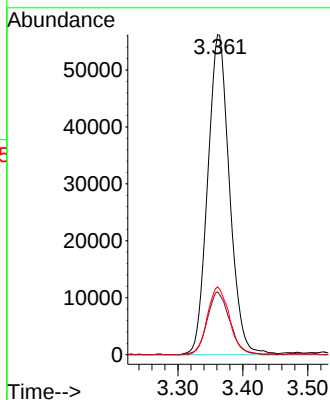
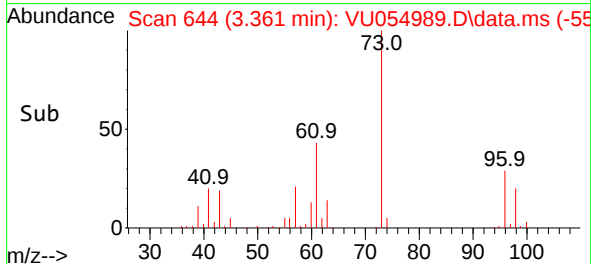


#17
Methyl tert-butyl Ether
Concen: 5.706 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU054989.D
Acq: 30 Aug 2023 10:39

Instrument :
MSVOA_U
ClientSampleId :

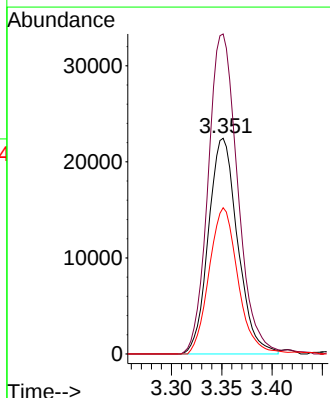
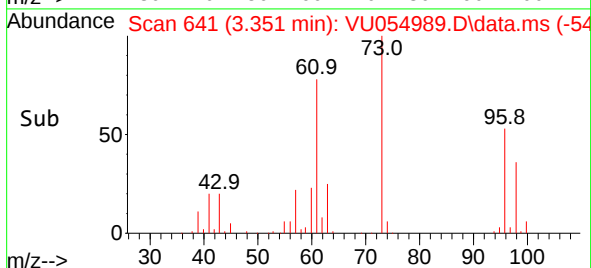
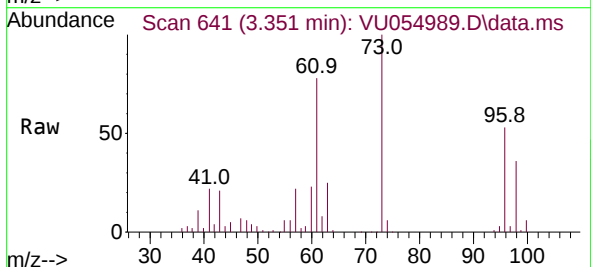


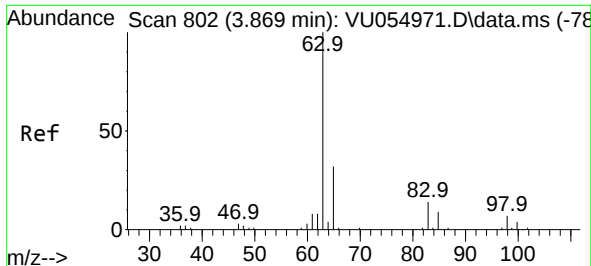
Tgt Ion: 73 Resp: 131040
Ion Ratio Lower Upper
73 100
43 20.3 16.2 24.2
57 21.4 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 5.269 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU054989.D
Acq: 30 Aug 2023 10:39

Tgt Ion: 96 Resp: 45433
Ion Ratio Lower Upper
96 100
61 148.4 108.8 202.0
98 67.9 45.8 85.2





#19

1,1-Dichloroethane

Concen: 5.386 ug/L

RT: 3.866 min Scan# 80

Delta R.T. -0.003 min

Lab File: VU054989.D

Acq: 30 Aug 2023 10:39

Instrument :

MSVOA_U

ClientSampleId :

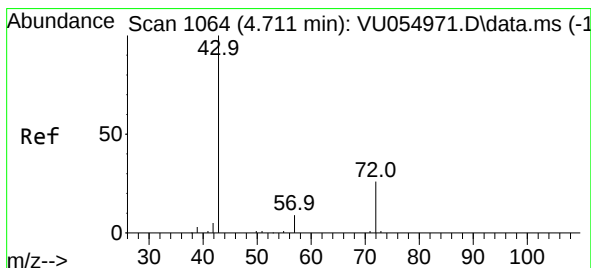
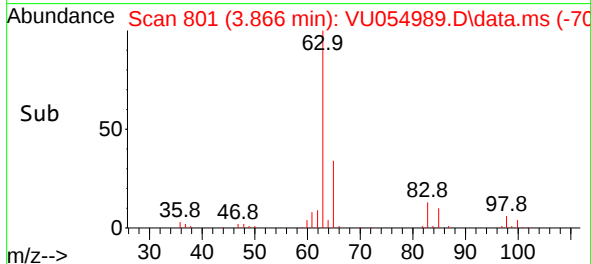
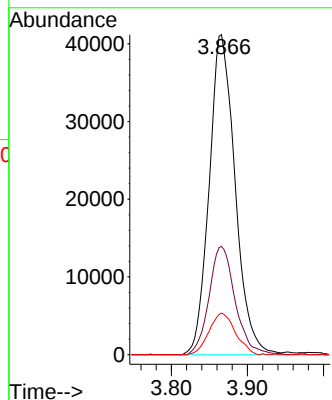
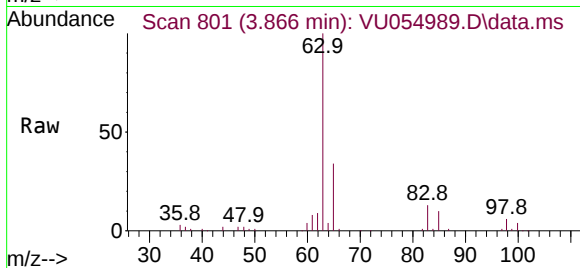
Tgt Ion: 63 Resp: 97418

Ion Ratio Lower Upper

63 100

65 33.9 22.5 41.7

83 13.0 9.5 17.7



#21

2-Butanone

Concen: 62.812 ug/L

RT: 4.708 min Scan# 1063

Delta R.T. -0.003 min

Lab File: VU054989.D

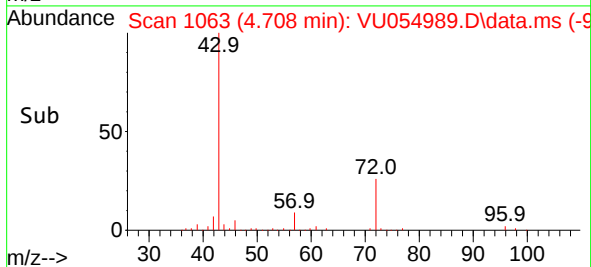
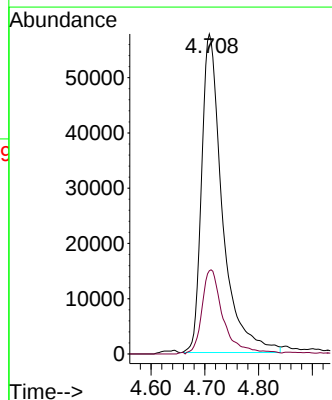
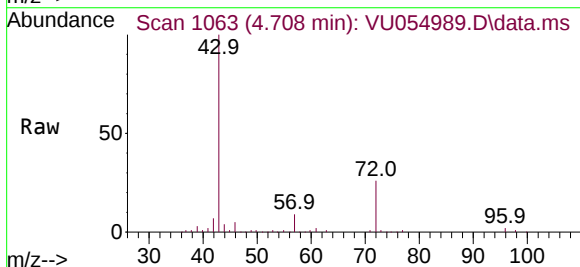
Acq: 30 Aug 2023 10:39

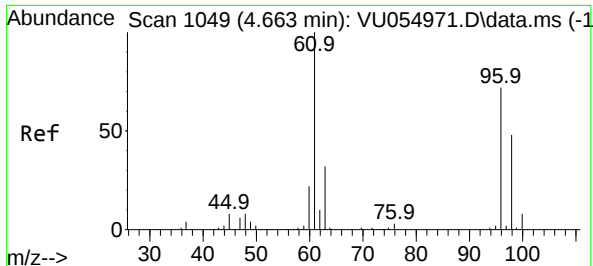
Tgt Ion: 43 Resp: 154894

Ion Ratio Lower Upper

43 100

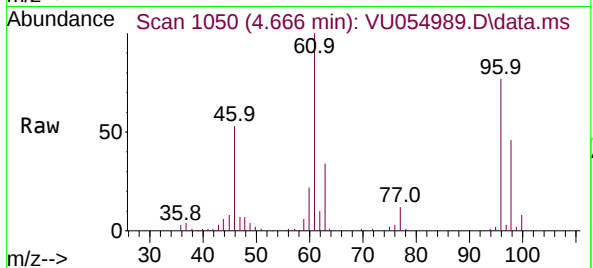
72 27.1 14.1 42.3





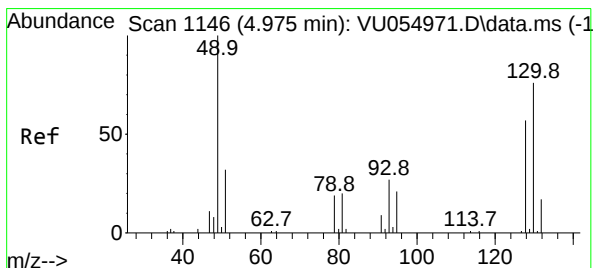
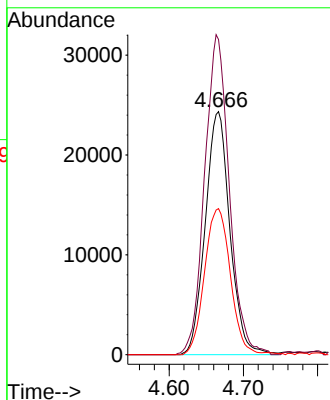
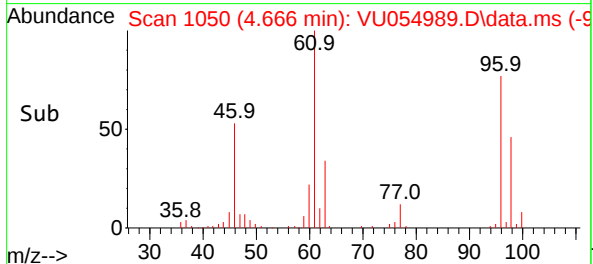
#22
 cis-1,2-Dichloroethene
 Concen: 5.470 ug/L
 RT: 4.666 min Scan# 1050
 Delta R.T. 0.003 min
 Lab File: VU054989.D
 Acq: 30 Aug 2023 10:39

Instrument :
 MSVOA_U
 ClientSampleId :

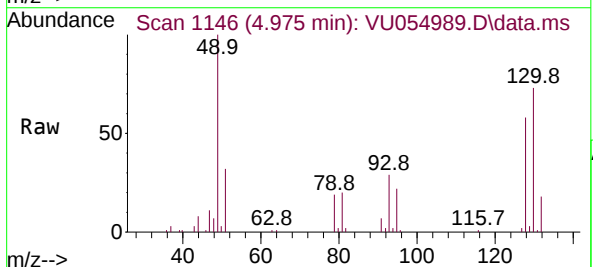


Tgt Ion: 96 Resp: 56233

Ion	Ratio	Lower	Upper
96	100		
61	129.7	88.4	164.2
98	60.1	44.0	81.6

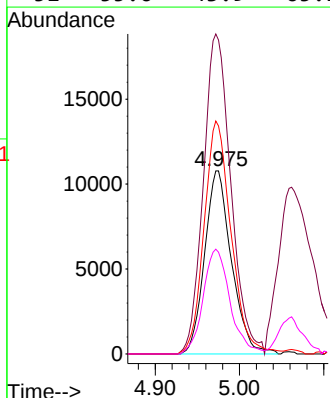
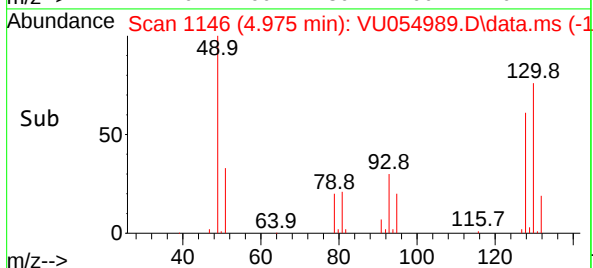


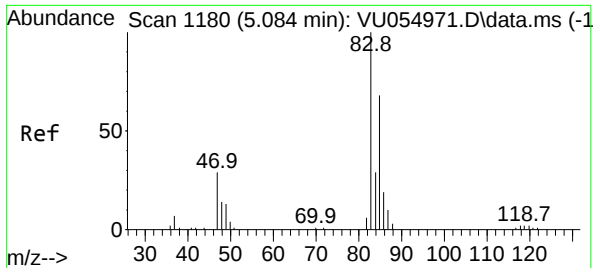
#23
 Bromochloromethane
 Concen: 5.357 ug/L
 RT: 4.975 min Scan# 1146
 Delta R.T. 0.000 min
 Lab File: VU054989.D
 Acq: 30 Aug 2023 10:39



Tgt Ion: 128 Resp: 23833

Ion	Ratio	Lower	Upper
128	100		
49	176.9	113.8	211.3
130	124.5	83.9	155.7
51	55.6	43.9	65.9

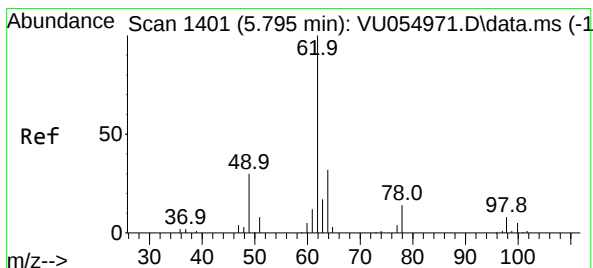
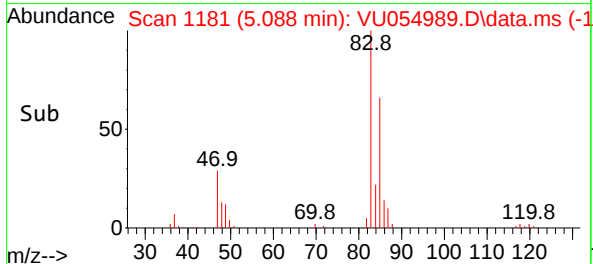
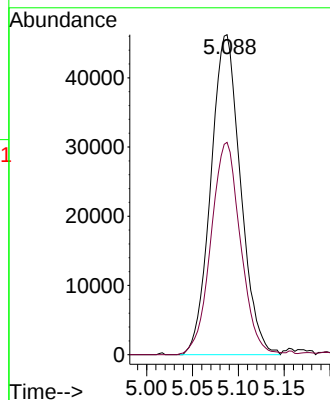
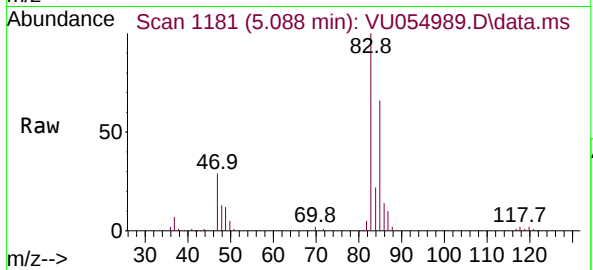




#25
Chloroform
Concen: 5.252 ug/L
RT: 5.088 min Scan# 1180
Delta R.T. 0.003 min
Lab File: VU054989.D
Acq: 30 Aug 2023 10:39

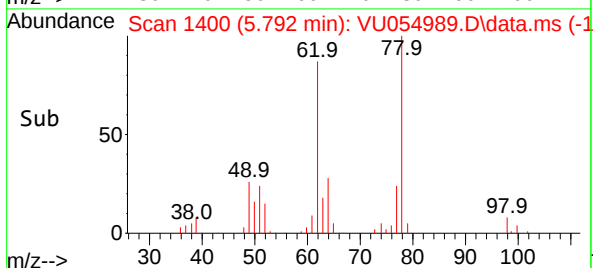
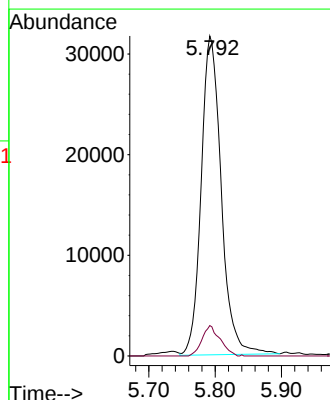
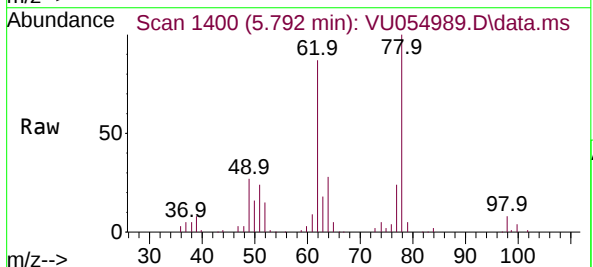
Instrument :
MSVOA_U
ClientSampleId :

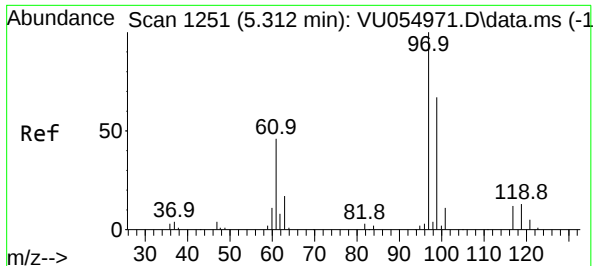
Tgt Ion: 83 Resp: 104205
Ion Ratio Lower Upper
83 100
85 66.4 46.7 86.7



#27
1,2-Dichloroethane
Concen: 5.494 ug/L
RT: 5.792 min Scan# 1400
Delta R.T. -0.003 min
Lab File: VU054989.D
Acq: 30 Aug 2023 10:39

Tgt Ion: 62 Resp: 66600
Ion Ratio Lower Upper
62 100
98 9.5 7.0 10.6

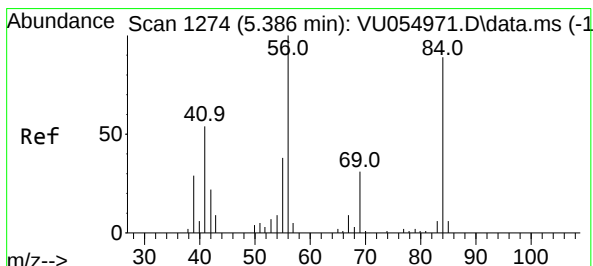
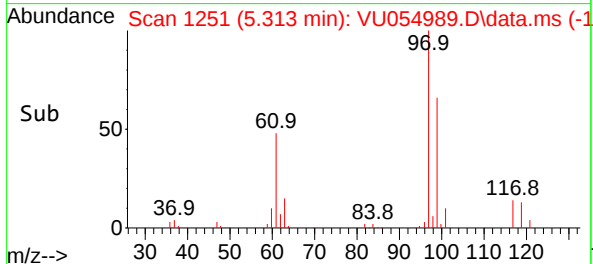
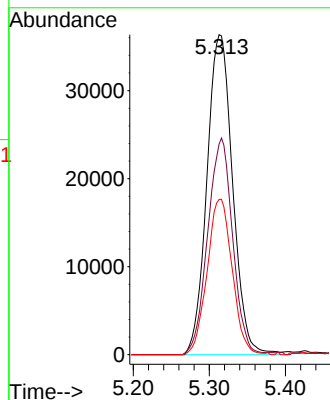
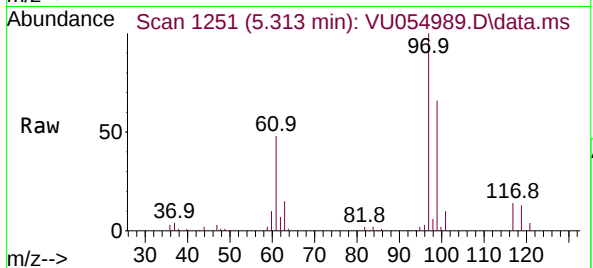




#29
1,1,1-Trichloroethane
Concen: 5.384 ug/L
RT: 5.313 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054989.D
Acq: 30 Aug 2023 10:39

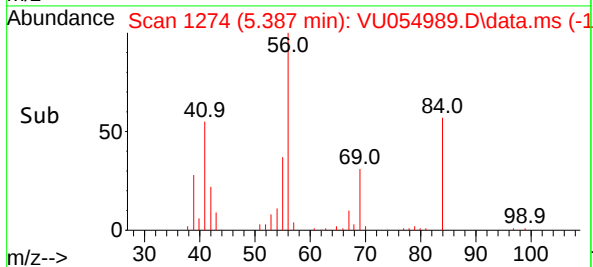
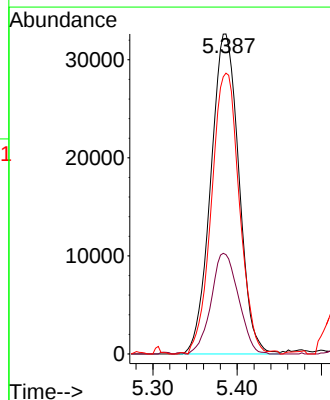
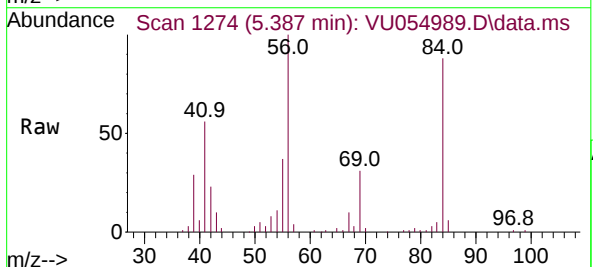
Instrument :
MSVOA_U
ClientSampleId :

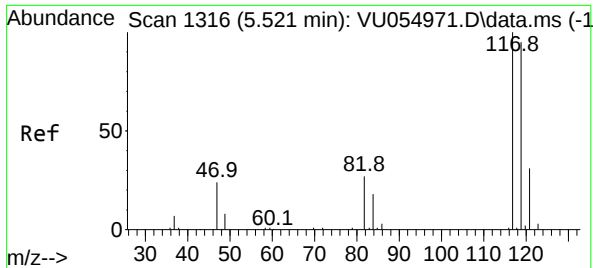
Tgt Ion: 97 Resp: 85537
Ion Ratio Lower Upper
97 100
99 65.7 51.5 77.3
61 47.2 37.2 55.8



#30
Cyclohexane
Concen: 5.368 ug/L
RT: 5.387 min Scan# 1274
Delta R.T. 0.000 min
Lab File: VU054989.D
Acq: 30 Aug 2023 10:39

Tgt Ion: 56 Resp: 75593
Ion Ratio Lower Upper
56 100
69 30.5 24.5 36.7
84 86.7 71.3 106.9

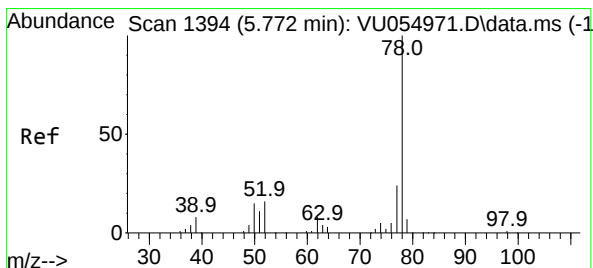
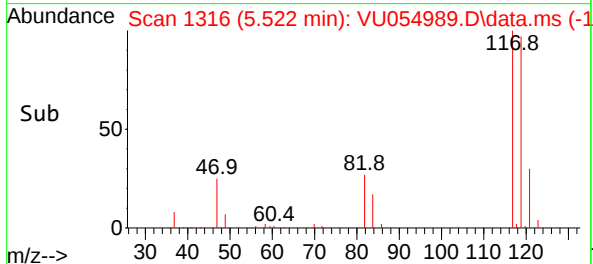
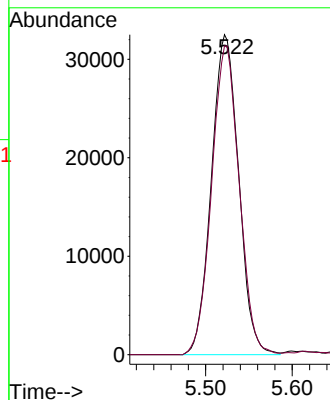
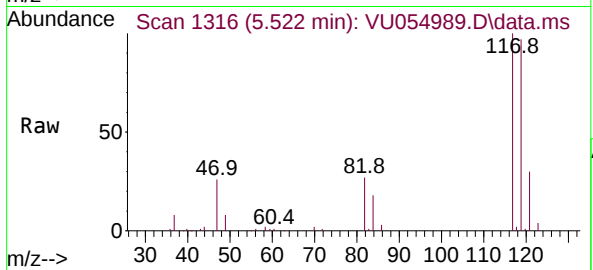




#31
Carbon tetrachloride
Concen: 5.265 ug/L
RT: 5.522 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VU054989.D
Acq: 30 Aug 2023 10:39

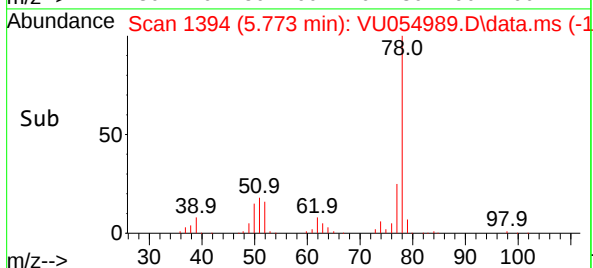
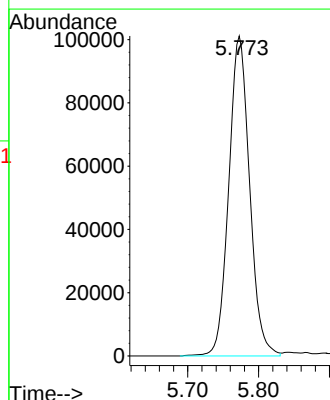
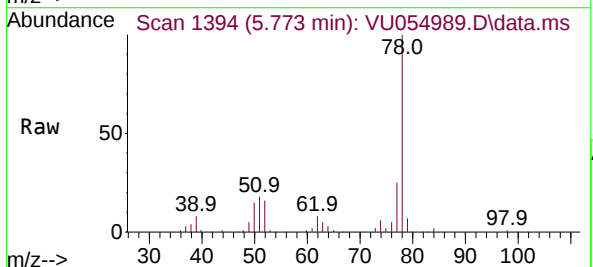
Instrument :
MSVOA_U
ClientSampleId :

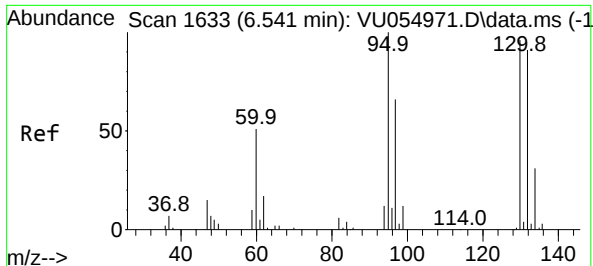
Tgt Ion:117 Resp: 71171
Ion Ratio Lower Upper
117 100
119 97.6 76.6 115.0



#33
Benzene
Concen: 5.488 ug/L
RT: 5.773 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VU054989.D
Acq: 30 Aug 2023 10:39

Tgt Ion: 78 Resp: 206895





#34

Trichloroethene

Concen: 5.611 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU054989.D

Acq: 30 Aug 2023 10:39

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 58627

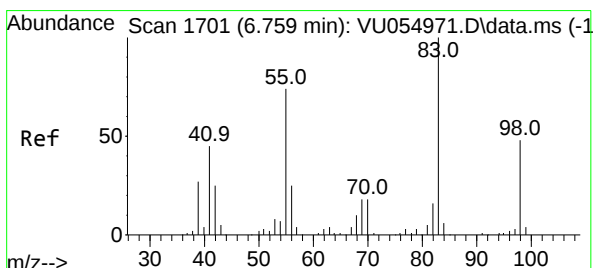
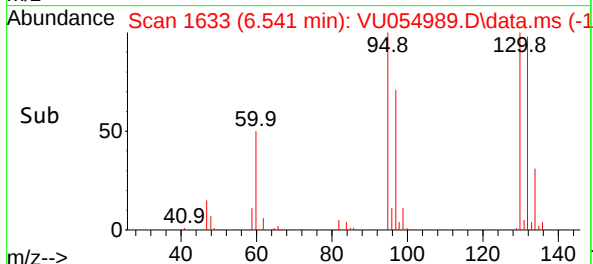
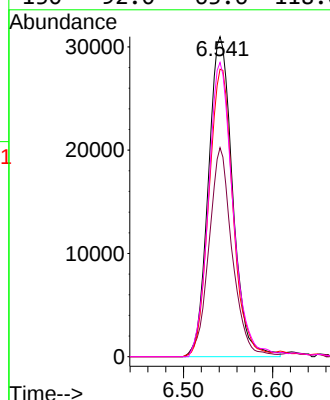
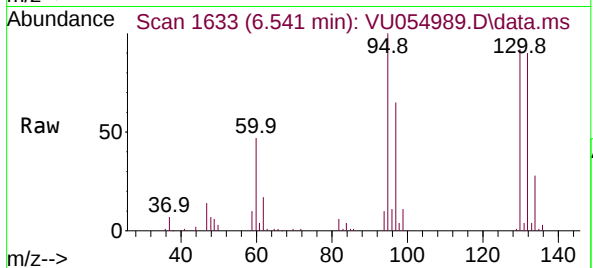
Ion Ratio Lower Upper

95 100

97 65.3 44.1 81.9

132 89.8 63.6 118.2

130 92.0 63.6 118.0



#35

Methylcyclohexane

Concen: 5.099 ug/L

RT: 6.763 min Scan# 1702

Delta R.T. 0.003 min

Lab File: VU054989.D

Acq: 30 Aug 2023 10:39

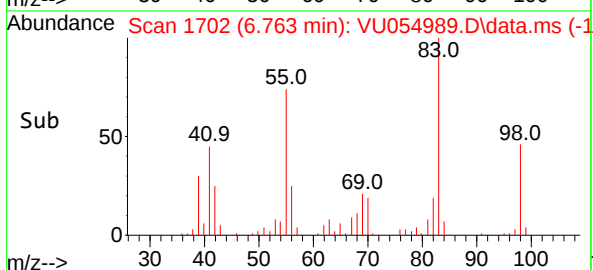
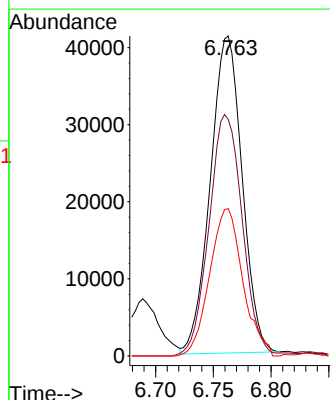
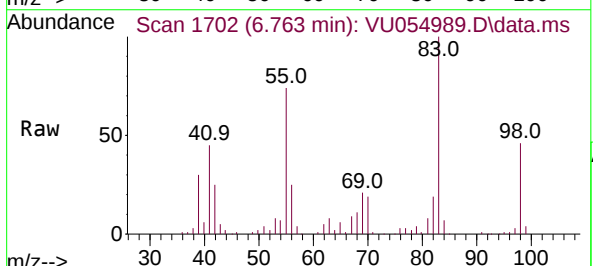
Tgt Ion: 83 Resp: 78834

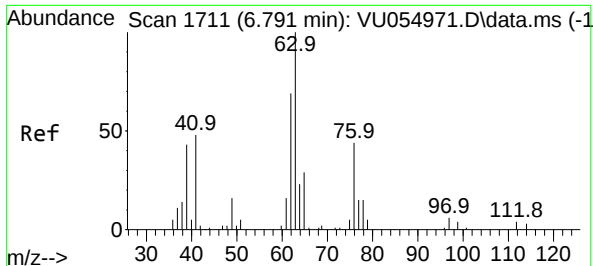
Ion Ratio Lower Upper

83 100

55 79.7 62.1 93.1

98 48.4 37.8 56.6





#37

1,2-Dichloropropane

Concen: 5.552 ug/L

RT: 6.789 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU054989.D

Acq: 30 Aug 2023 10:39

Instrument :

MSVOA_U

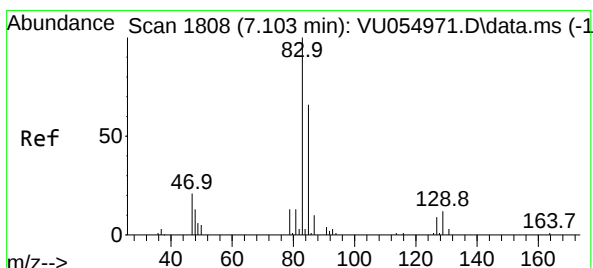
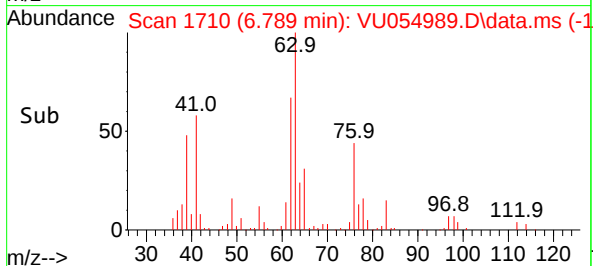
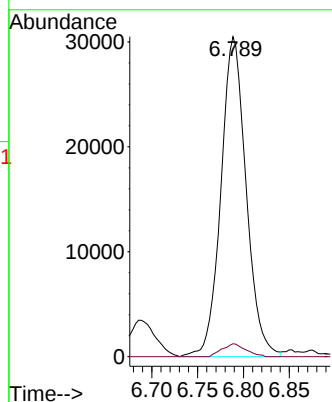
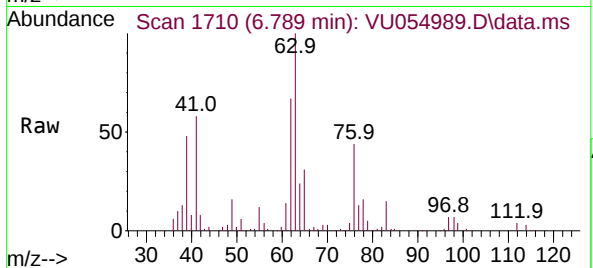
ClientSampleId :

Tgt Ion: 63 Resp: 58360

Ion Ratio Lower Upper

63 100

112 3.8 2.7 4.1



#38

Bromodichloromethane

Concen: 5.482 ug/L

RT: 7.104 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VU054989.D

Acq: 30 Aug 2023 10:39

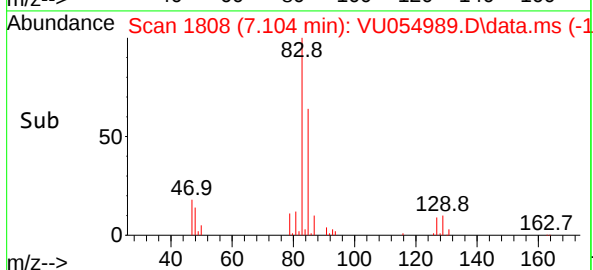
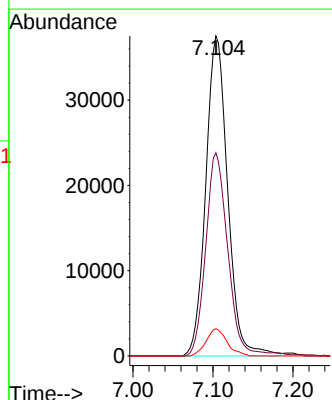
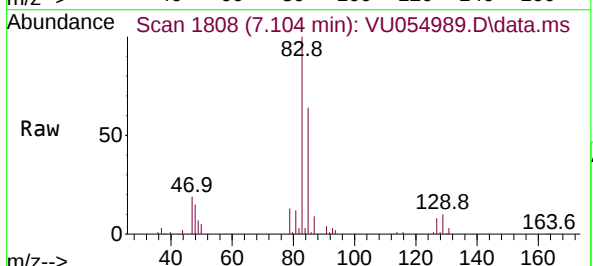
Tgt Ion: 83 Resp: 71477

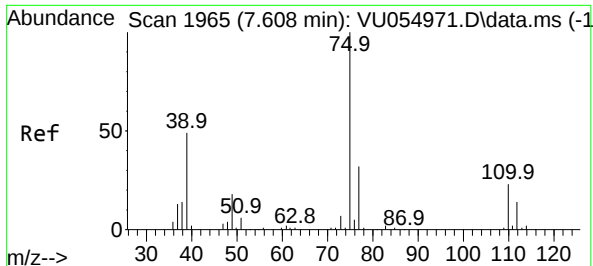
Ion Ratio Lower Upper

83 100

85 63.5 45.1 83.7

127 8.5 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 5.549 ug/L

RT: 7.605 min Scan# 1965

Delta R.T. -0.003 min

Lab File: VU054989.D

Acq: 30 Aug 2023 10:39

Instrument :

MSVOA_U

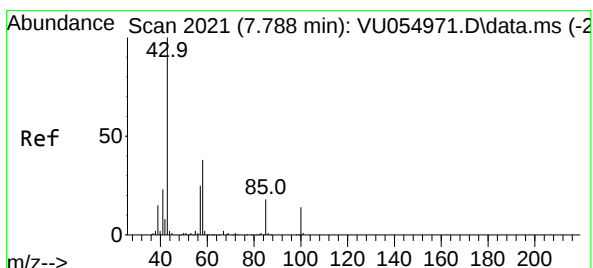
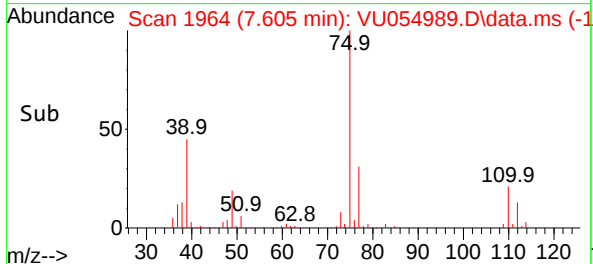
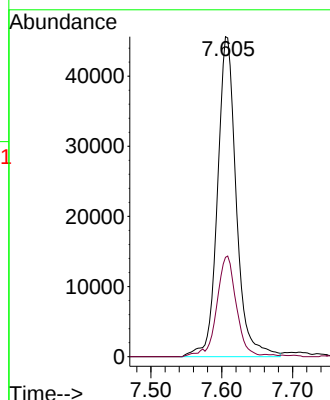
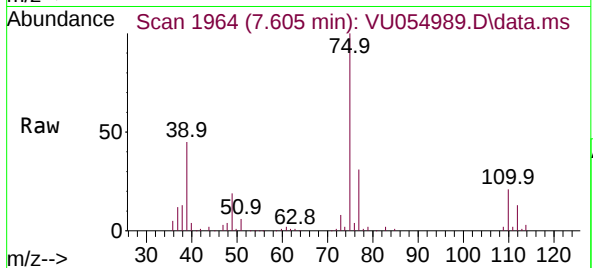
ClientSampleId :

Tgt Ion: 75 Resp: 84041

Ion Ratio Lower Upper

75 100

77 31.1 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 62.752 ug/L

RT: 7.789 min Scan# 2021

Delta R.T. 0.000 min

Lab File: VU054989.D

Acq: 30 Aug 2023 10:39

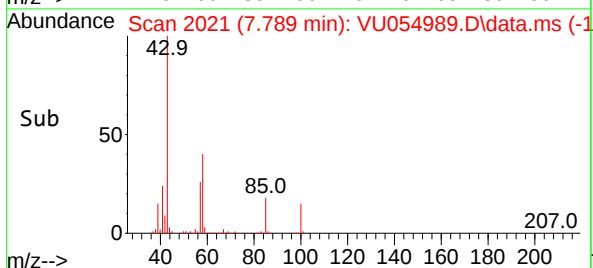
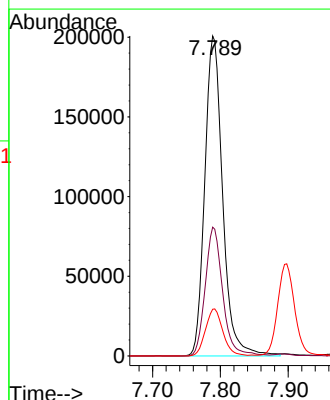
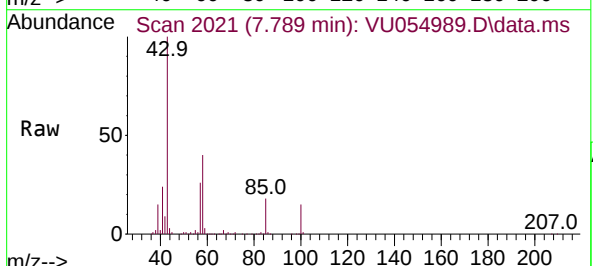
Tgt Ion: 43 Resp: 367701

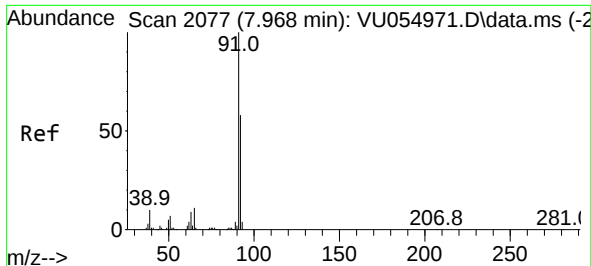
Ion Ratio Lower Upper

43 100

58 39.3 32.1 48.1

100 14.3 11.8 17.6





#42

Toluene

Concen: 5.408 ug/L

RT: 7.969 min Scan# 2077

Delta R.T. 0.000 min

Lab File: VU054989.D

Acq: 30 Aug 2023 10:39

Instrument :

MSVOA_U

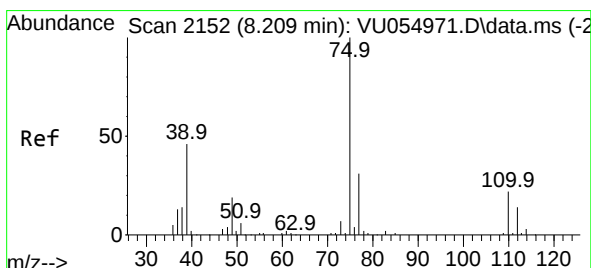
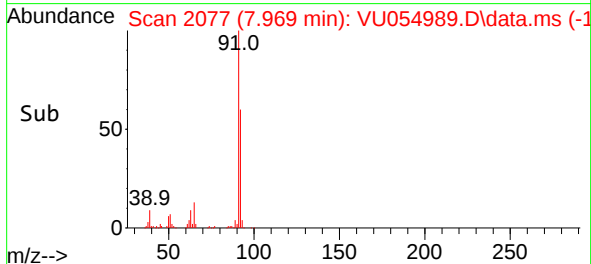
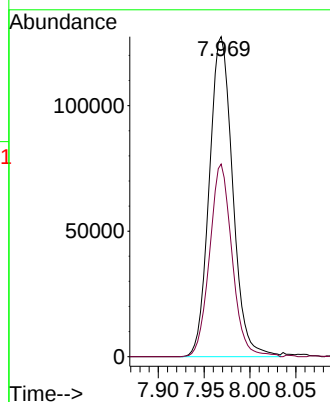
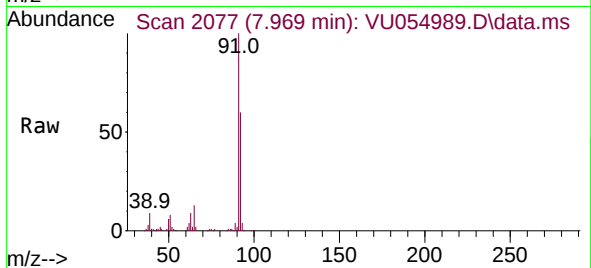
ClientSampleId :

Tgt Ion: 91 Resp: 226237

Ion Ratio Lower Upper

91 100

92 60.2 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 5.401 ug/L

RT: 8.210 min Scan# 2152

Delta R.T. 0.000 min

Lab File: VU054989.D

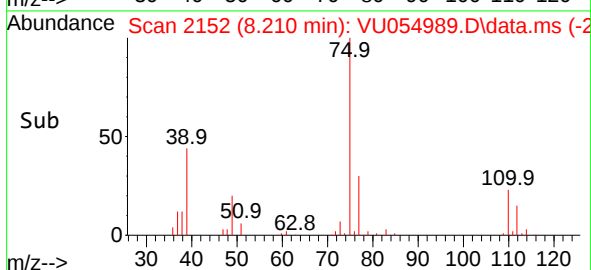
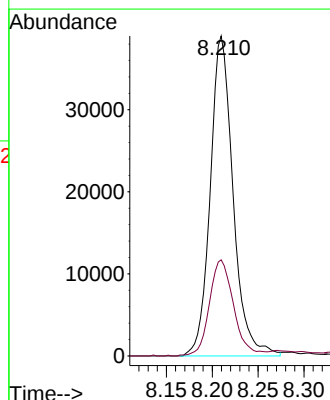
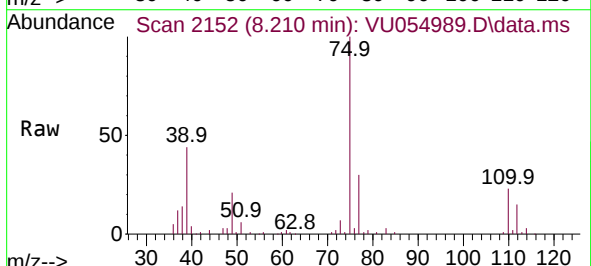
Acq: 30 Aug 2023 10:39

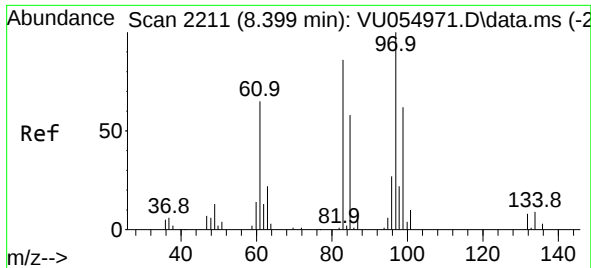
Tgt Ion: 75 Resp: 67551

Ion Ratio Lower Upper

75 100

77 30.1 21.3 39.5



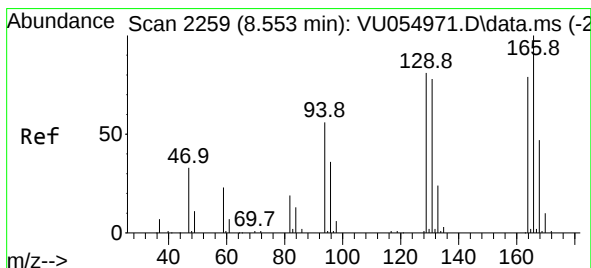
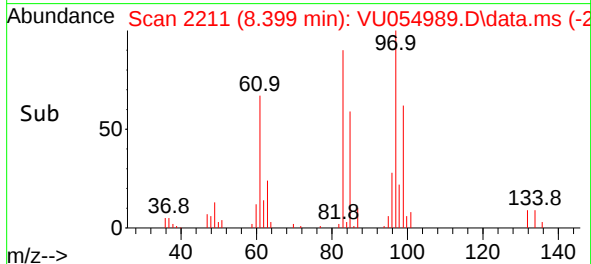
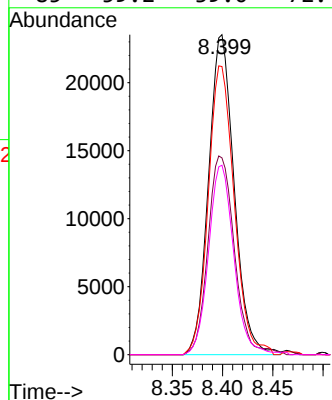
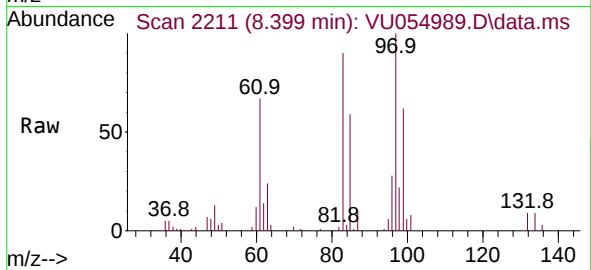


#45
1,1,2-Trichloroethane
Concen: 5.886 ug/L
RT: 8.399 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU054989.D
Acq: 30 Aug 2023 10:39

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 41757

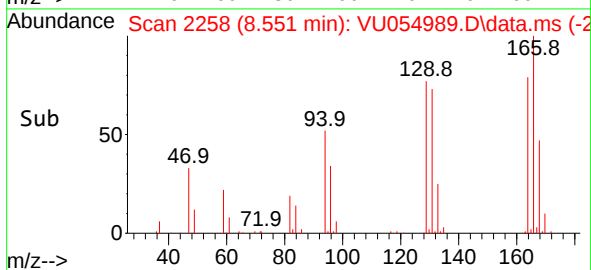
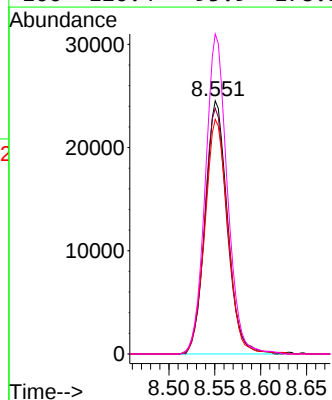
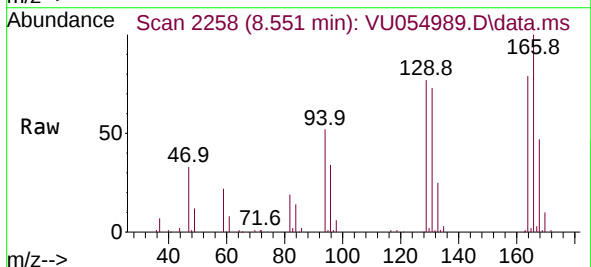
Ion	Ratio	Lower	Upper
97	100		
99	61.5	41.5	77.1
83	90.0	59.8	111.1
85	59.2	39.0	72.4

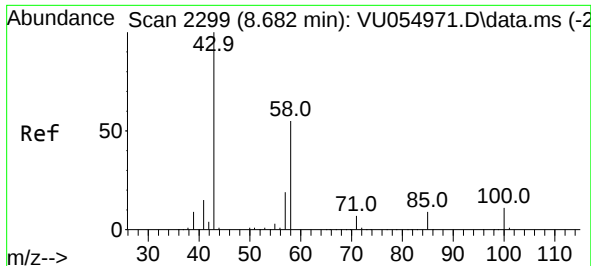


#47
Tetrachloroethene
Concen: 5.526 ug/L
RT: 8.551 min Scan# 2258
Delta R.T. -0.003 min
Lab File: VU054989.D
Acq: 30 Aug 2023 10:39

Tgt Ion: 164 Resp: 41489

Ion	Ratio	Lower	Upper
164	100		
129	97.0	72.8	135.2
131	92.7	70.7	131.3
166	126.4	95.9	178.1



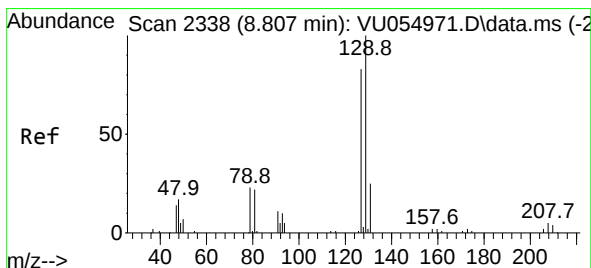
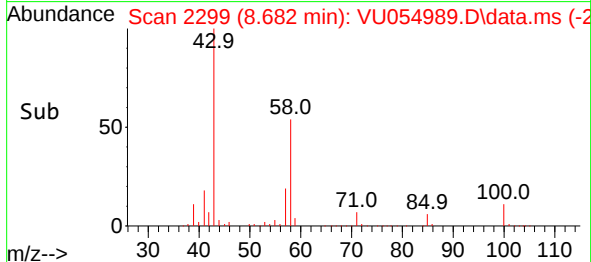
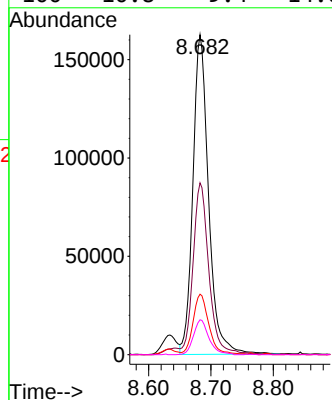
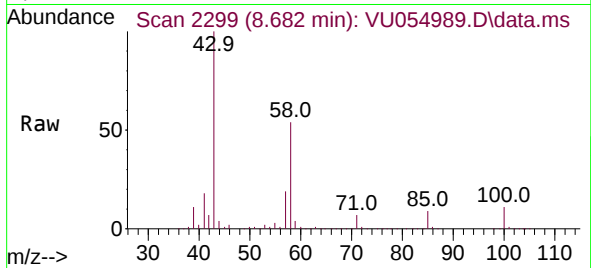


#48
2-Hexanone
Concen: 65.277 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VU054989.D
Acq: 30 Aug 2023 10:39

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 283265

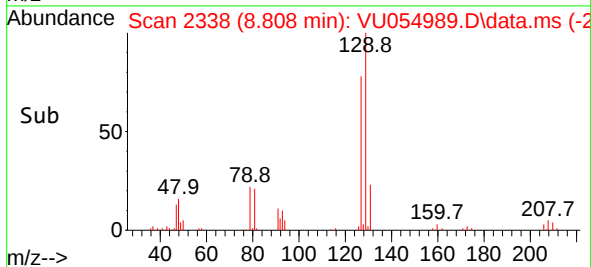
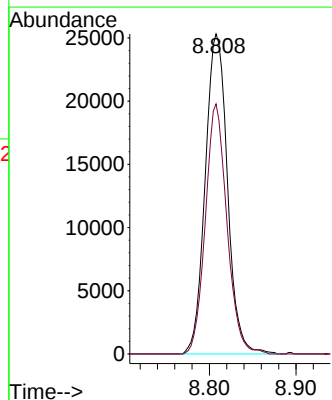
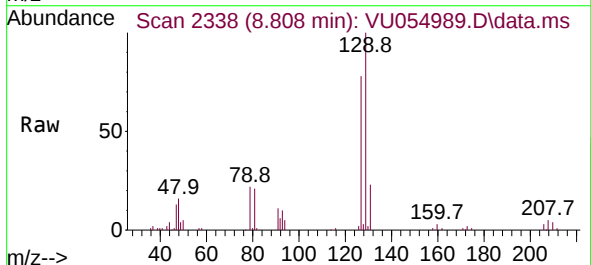
Ion	Ratio	Lower	Upper
43	100		
58	53.4	44.0	66.0
57	18.5	15.9	23.9
100	10.8	9.4	14.0

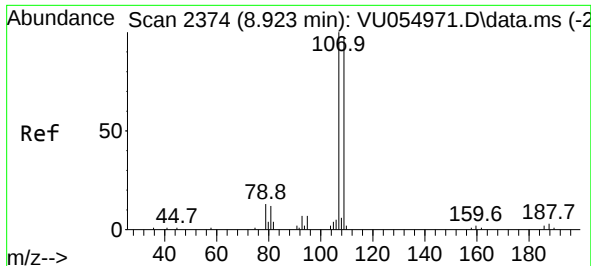


#49
Dibromochloromethane
Concen: 5.489 ug/L
RT: 8.808 min Scan# 2338
Delta R.T. 0.000 min
Lab File: VU054989.D
Acq: 30 Aug 2023 10:39

Tgt Ion: 129 Resp: 45106

Ion	Ratio	Lower	Upper
129	100		
127	78.2	60.5	112.5

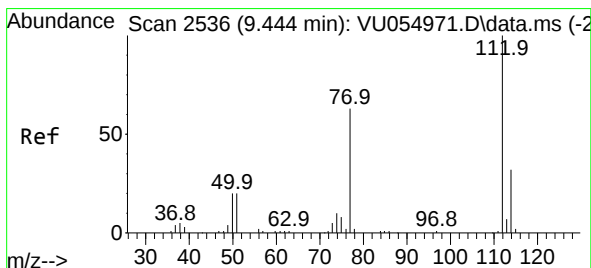
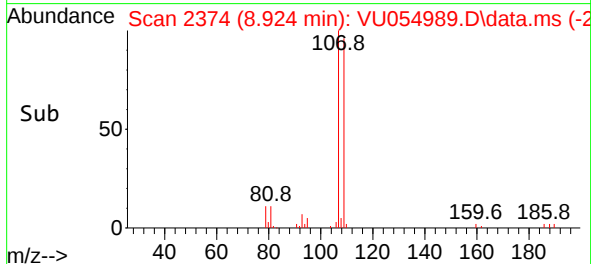
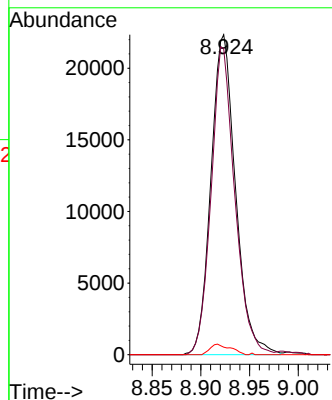
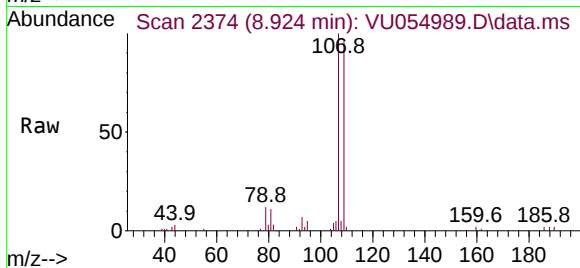




#50
1,2-Dibromoethane
Concen: 5.744 ug/L
RT: 8.924 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054989.D
Acq: 30 Aug 2023 10:39

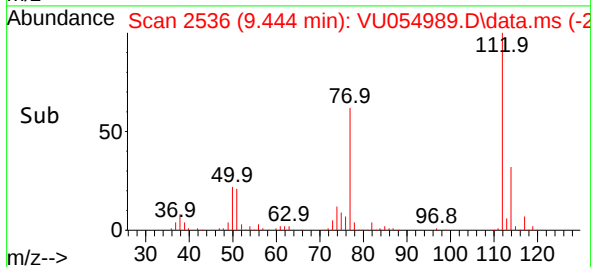
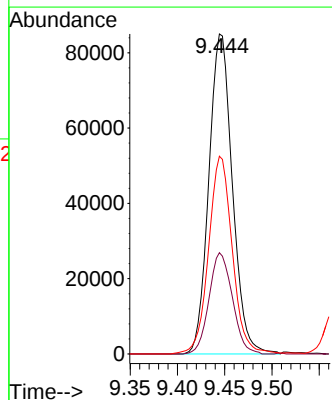
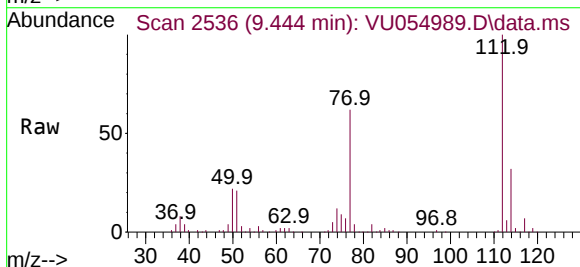
Instrument :
MSVOA_U
ClientSampleId :

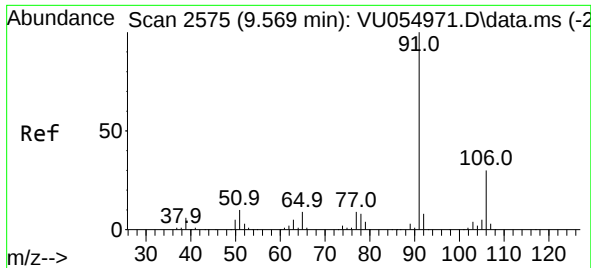
Tgt Ion:107 Resp: 39226
Ion Ratio Lower Upper
107 100
109 95.6 67.8 125.8
188 2.4 2.5 3.7#



#51
Chlorobenzene
Concen: 5.403 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU054989.D
Acq: 30 Aug 2023 10:39

Tgt Ion:112 Resp: 147136
Ion Ratio Lower Upper
112 100
114 31.6 23.4 43.4
77 61.8 49.3 73.9

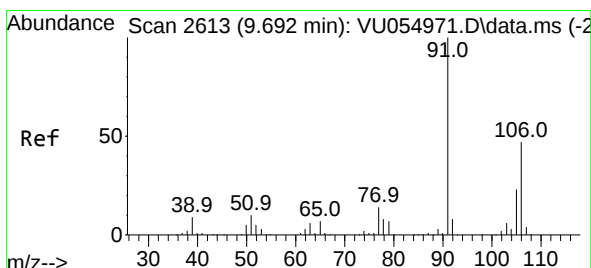
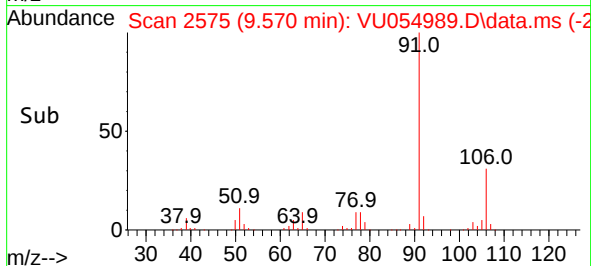
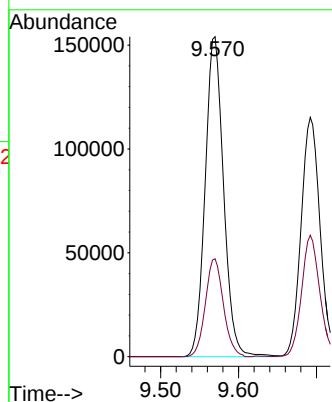
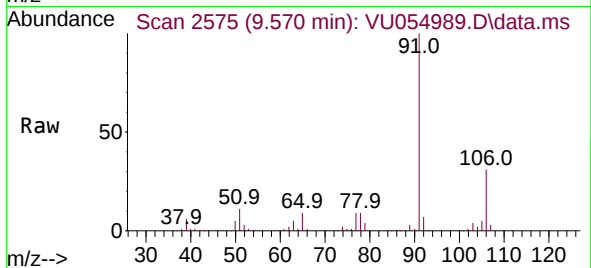




#52
Ethylbenzene
Concen: 5.356 ug/L
RT: 9.570 min Scan# 2575
Delta R.T. 0.000 min
Lab File: VU054989.D
Acq: 30 Aug 2023 10:39

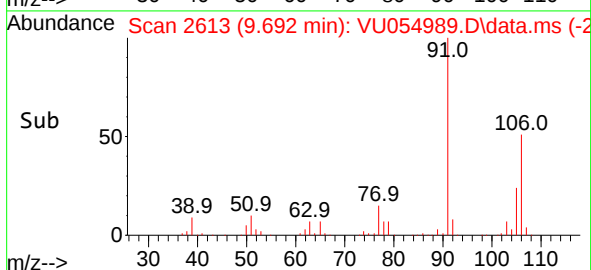
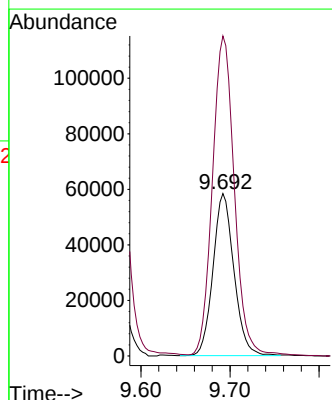
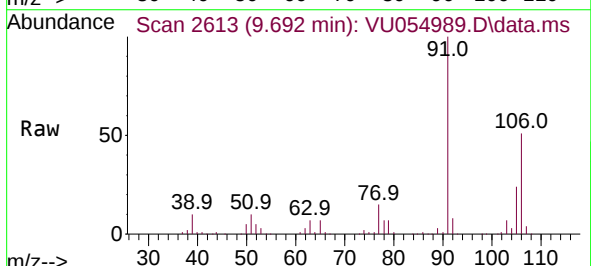
Instrument :
MSVOA_U
ClientSampleId :

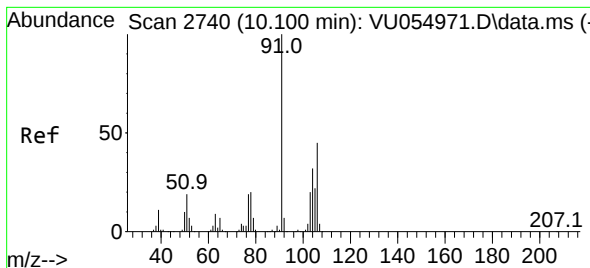
Tgt Ion: 91 Resp: 252725
Ion Ratio Lower Upper
91 100
106 30.6 21.2 39.4



#53
m,p-Xylene
Concen: 5.387 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU054989.D
Acq: 30 Aug 2023 10:39

Tgt Ion:106 Resp: 95266
Ion Ratio Lower Upper
106 100
91 197.1 147.7 274.3





#54

o-Xylene

Concen: 5.570 ug/L

RT: 10.100 min Scan# 2740

Delta R.T. 0.000 min

Lab File: VU054989.D

Acq: 30 Aug 2023 10:39

Instrument :

MSVOA_U

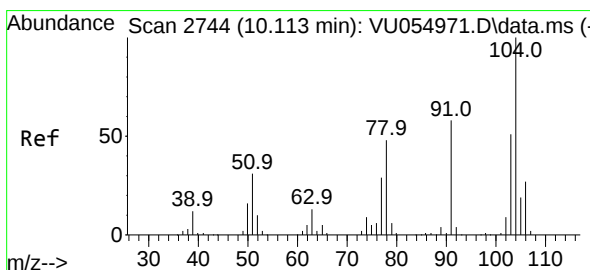
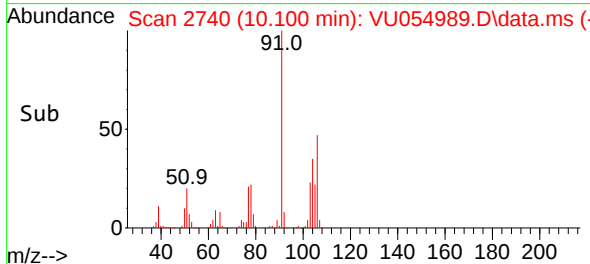
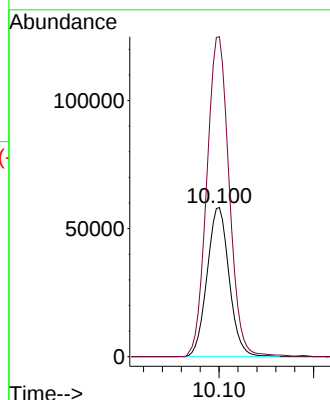
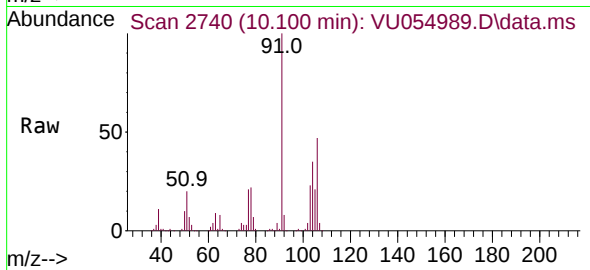
ClientSampleId :

Tgt Ion:106 Resp: 94424

Ion Ratio Lower Upper

106 100

91 214.5 154.2 286.4



#55

Styrene

Concen: 5.711 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. 0.000 min

Lab File: VU054989.D

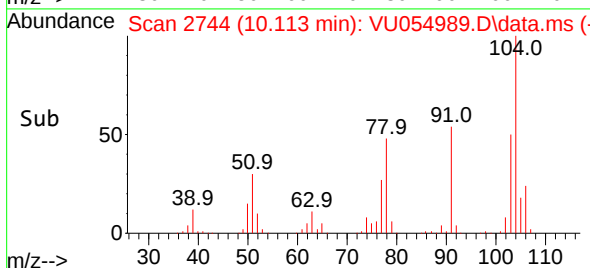
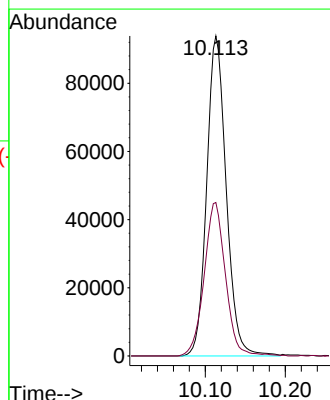
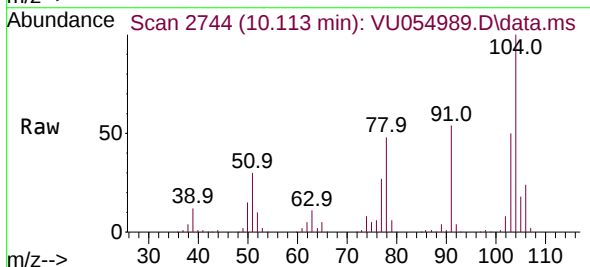
Acq: 30 Aug 2023 10:39

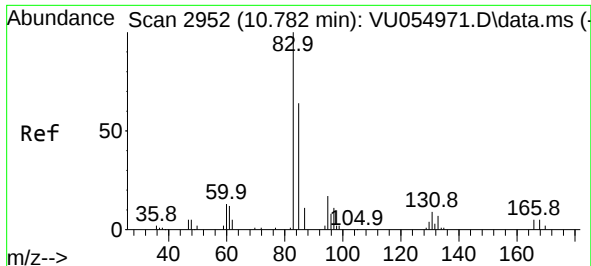
Tgt Ion:104 Resp: 159594

Ion Ratio Lower Upper

104 100

78 48.0 33.7 62.7

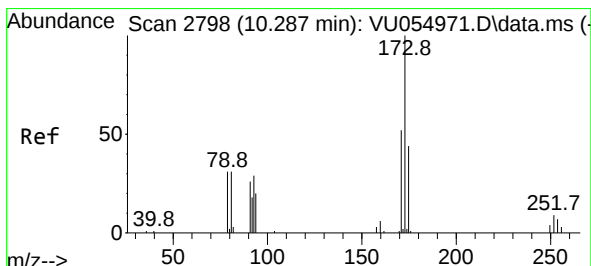
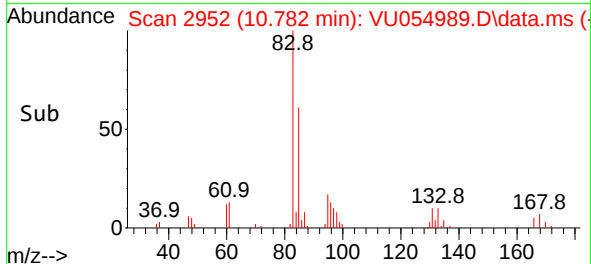
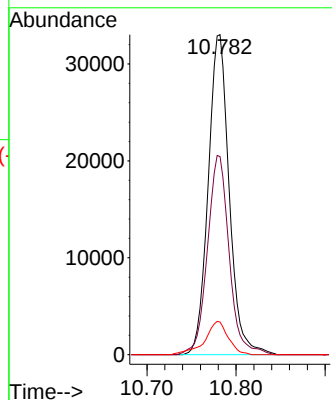
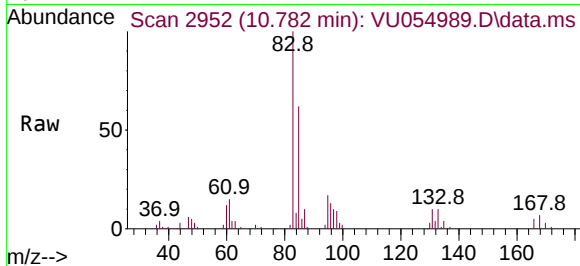




#57
1,1,2,2-Tetrachloroethane
Concen: 6.161 ug/L
RT: 10.782 min Scan# 2952
Delta R.T. 0.000 min
Lab File: VU054989.D
Acq: 30 Aug 2023 10:39

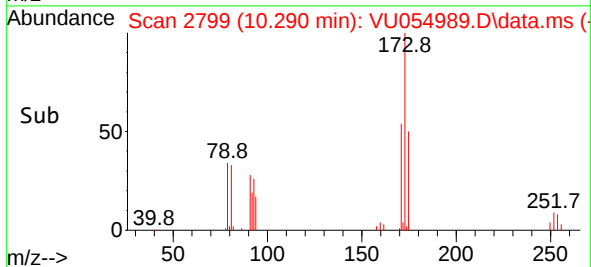
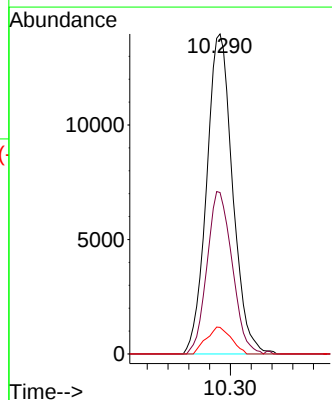
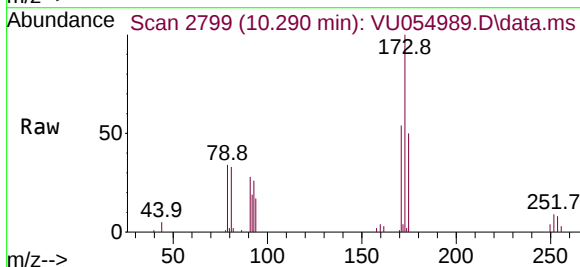
Instrument :
MSVOA_U
ClientSampleId :

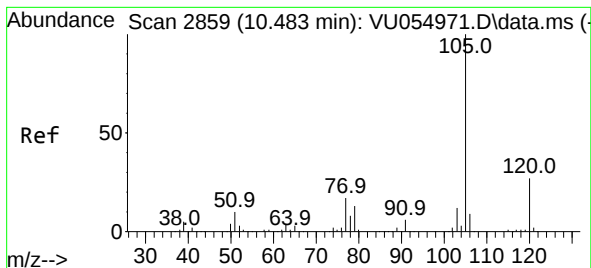
Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.9	46.1	85.5
131	10.2	7.7	11.5



#59
Bromoform
Concen: 5.489 ug/L
RT: 10.290 min Scan# 2799
Delta R.T. 0.003 min
Lab File: VU054989.D
Acq: 30 Aug 2023 10:39

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.0	40.8	61.2
254	8.0	6.8	10.2





#60

Isopropylbenzene

Concen: 5.436 ug/L

RT: 10.483 min Scan# 2859

Delta R.T. 0.000 min

Lab File: VU054989.D

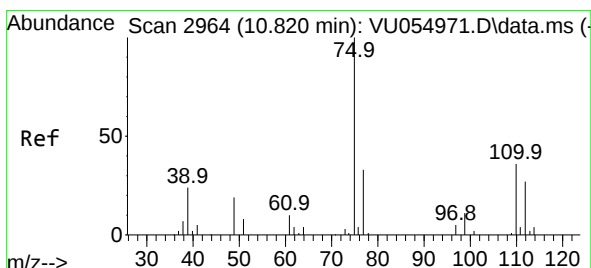
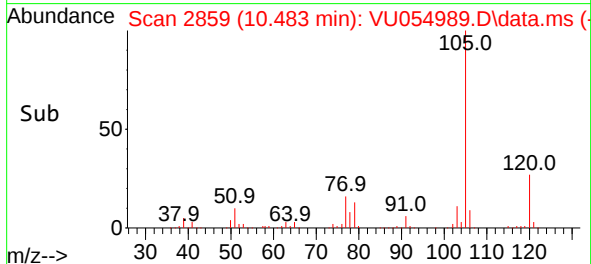
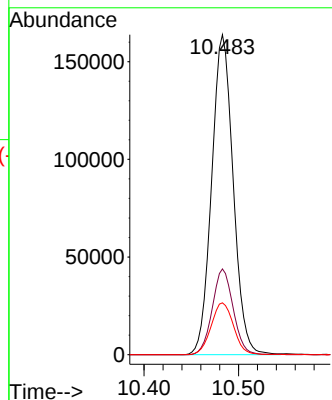
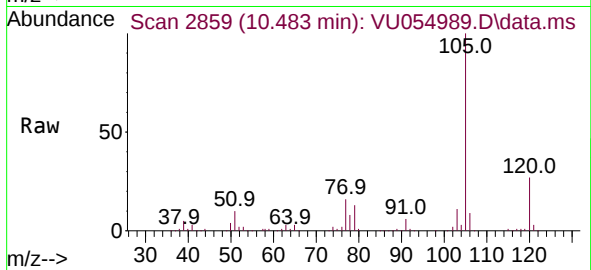
Acq: 30 Aug 2023 10:39

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	259048
Ion Ratio	Lower	Upper	
105	100		
120	26.0	20.8	31.2
77	16.9	13.0	19.4



#61

1,2,3-Trichloropropane

Concen: 6.016 ug/L

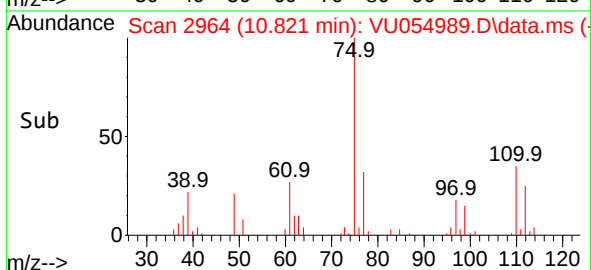
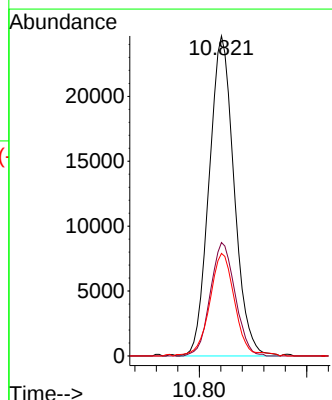
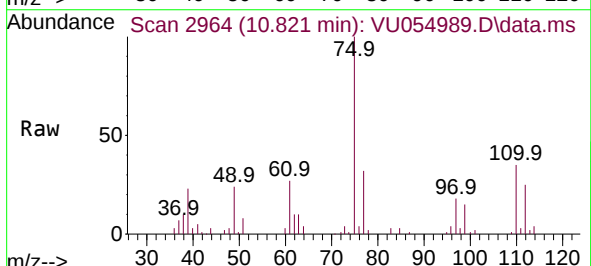
RT: 10.821 min Scan# 2964

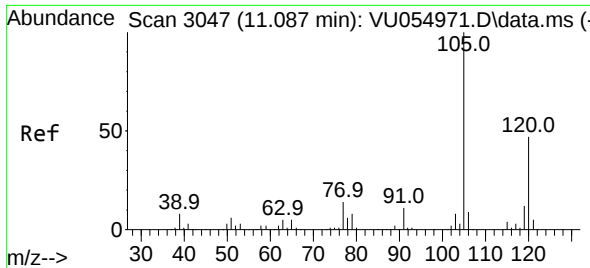
Delta R.T. 0.000 min

Lab File: VU054989.D

Acq: 30 Aug 2023 10:39

Tgt Ion:	75	Resp:	39767
Ion Ratio	Lower	Upper	
75	100		
110	35.1	29.0	43.6
77	32.2	26.5	39.7

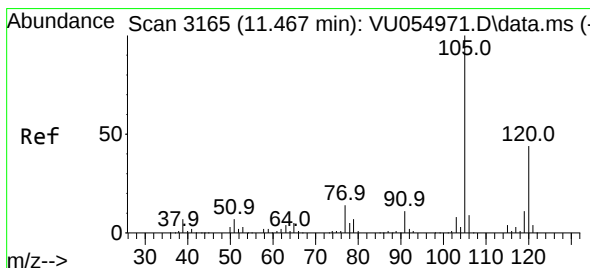
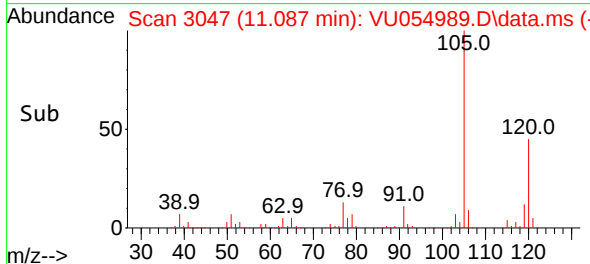
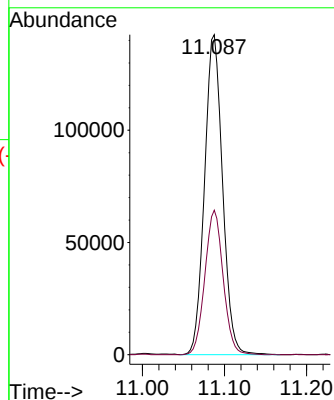
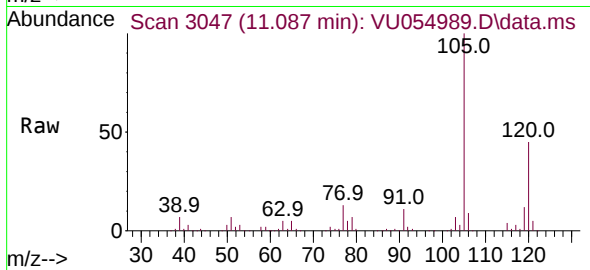




#62
1,3,5-Trimethylbenzene
Concen: 5.324 ug/L
RT: 11.087 min Scan# 3047
Delta R.T. 0.000 min
Lab File: VU054989.D
Acq: 30 Aug 2023 10:39

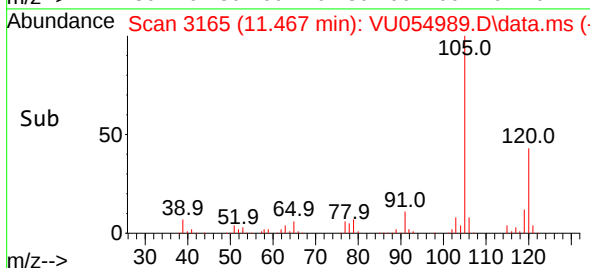
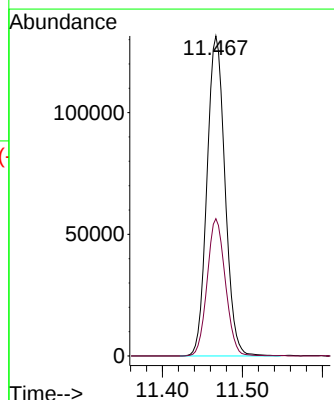
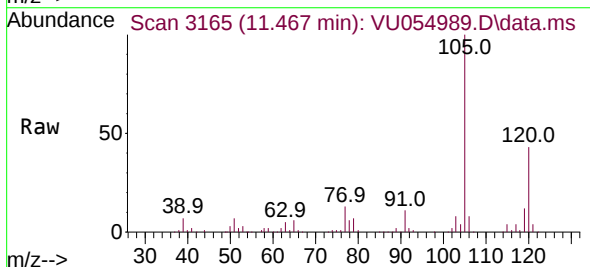
Instrument :
MSVOA_U
ClientSampleId :

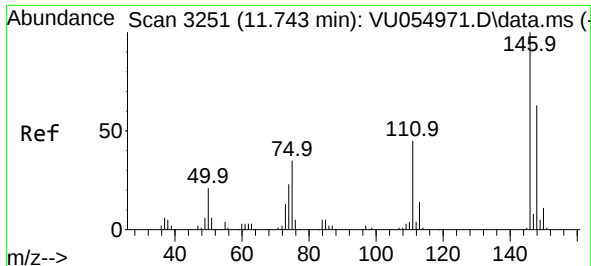
Tgt Ion:105 Resp: 217743
Ion Ratio Lower Upper
105 100
120 45.8 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 5.433 ug/L
RT: 11.467 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VU054989.D
Acq: 30 Aug 2023 10:39

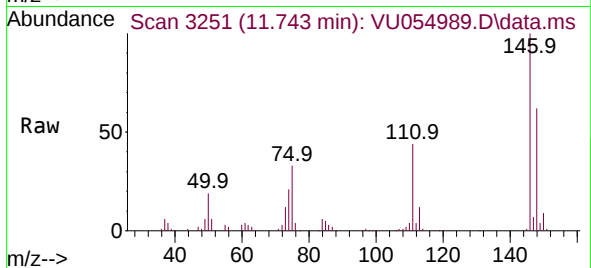
Tgt Ion:105 Resp: 206159
Ion Ratio Lower Upper
105 100
120 43.3 34.3 51.5



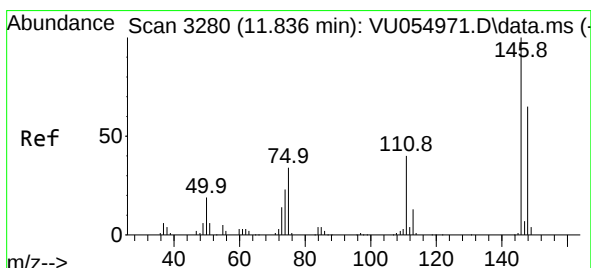
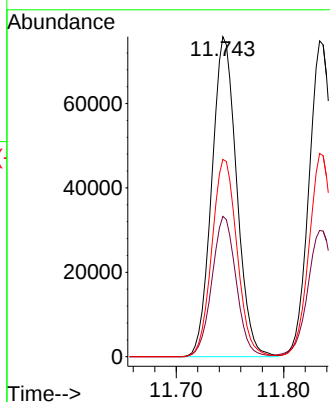
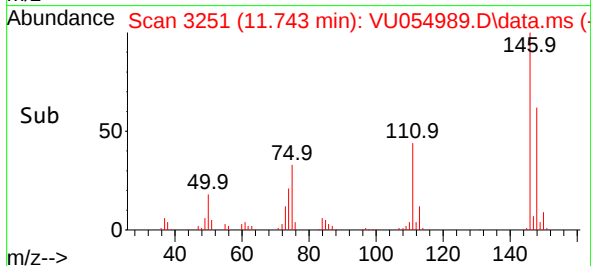


#64
1,3-Dichlorobenzene
Concen: 5.514 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU054989.D
Acq: 30 Aug 2023 10:39

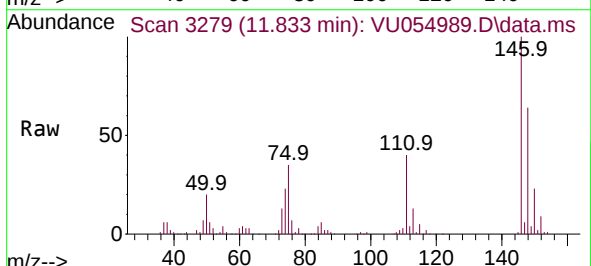
Instrument :
MSVOA_U
ClientSampleId :



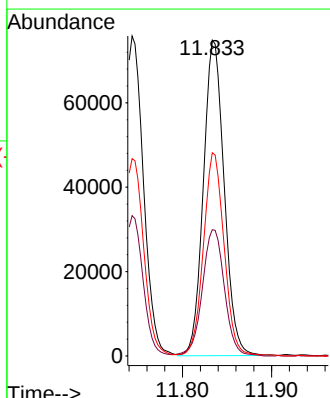
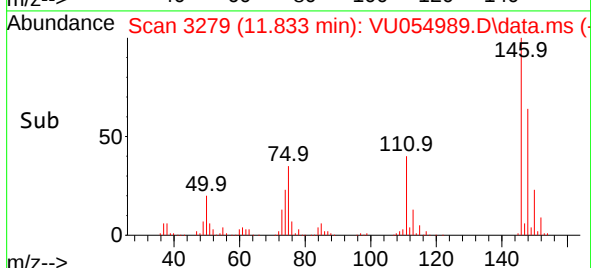
Tgt Ion:146 Resp: 122271
Ion Ratio Lower Upper
146 100
111 43.8 30.4 56.4
148 61.7 44.4 82.4

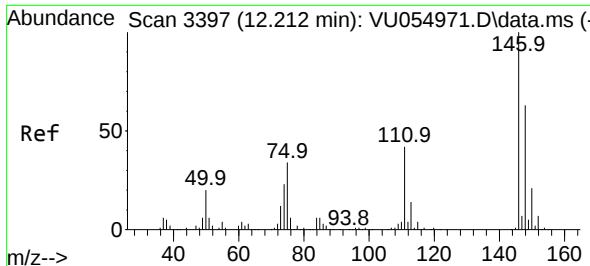


#65
1,4-Dichlorobenzene
Concen: 5.459 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.003 min
Lab File: VU054989.D
Acq: 30 Aug 2023 10:39



Tgt Ion:146 Resp: 121085
Ion Ratio Lower Upper
146 100
111 40.0 29.9 55.5
148 64.3 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 5.614 ug/L

RT: 12.210 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU054989.D

Acq: 30 Aug 2023 10:39

Instrument :

MSVOA_U

ClientSampleId :

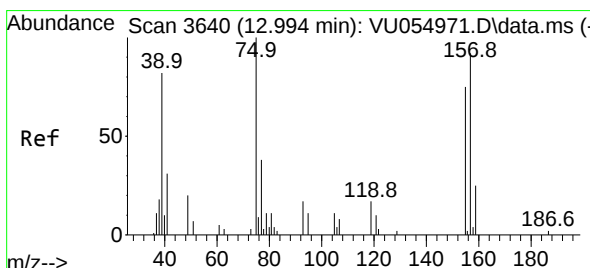
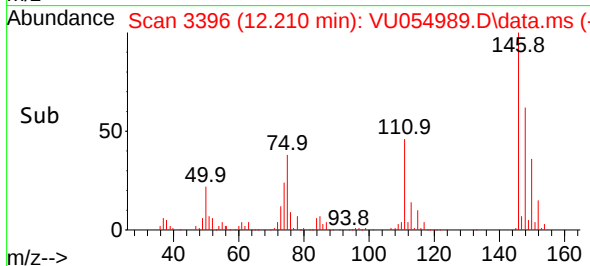
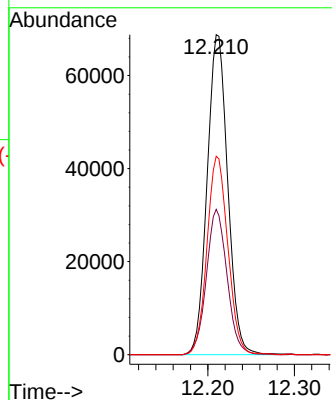
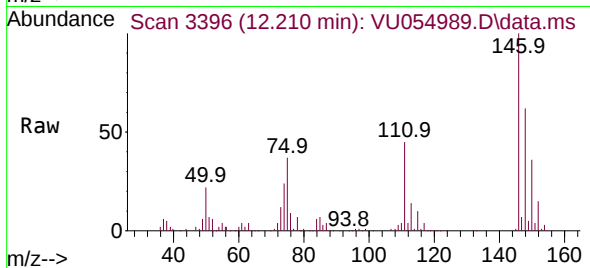
Tgt Ion:146 Resp: 113456

Ion Ratio Lower Upper

146 100

111 45.4 34.9 52.3

148 62.0 49.4 74.0



#68

1,2-Dibromo-3-chloropropane

Concen: 6.129 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.000 min

Lab File: VU054989.D

Acq: 30 Aug 2023 10:39

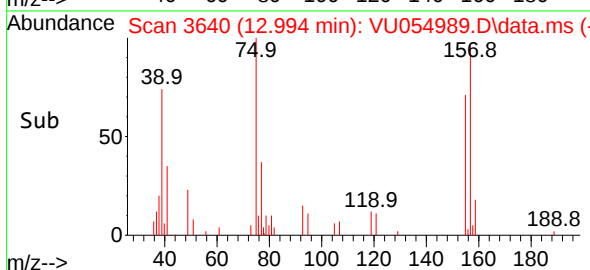
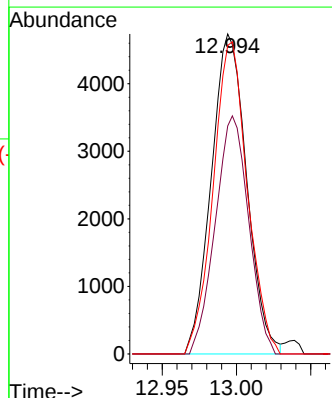
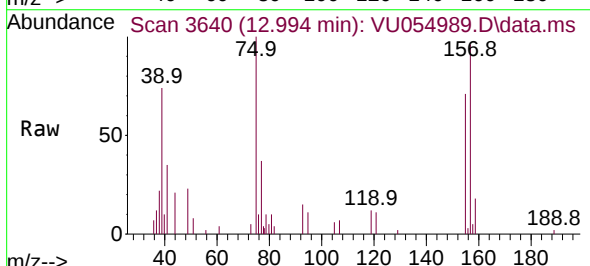
Tgt Ion: 75 Resp: 7849

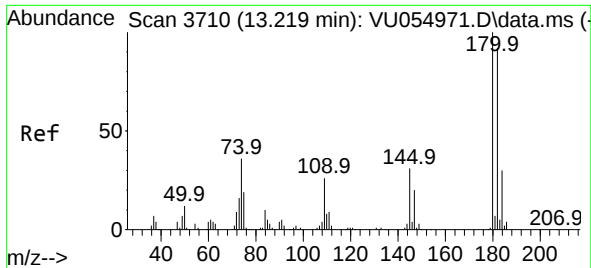
Ion Ratio Lower Upper

75 100

155 71.2 53.3 79.9

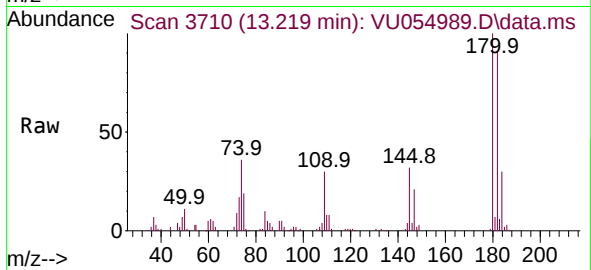
157 96.4 69.5 104.3



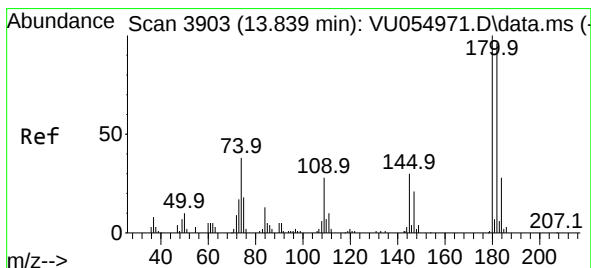
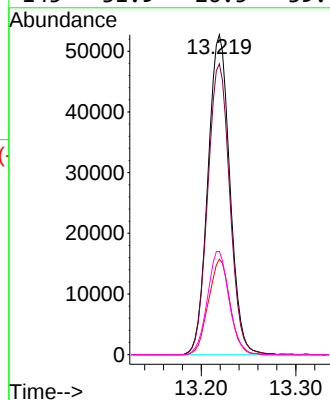
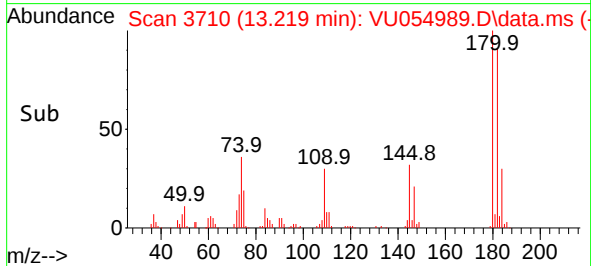


#69
 1,3,5-Trichlorobenzene
 Concen: 5.741 ug/L
 RT: 13.219 min Scan# 3710
 Delta R.T. 0.000 min
 Lab File: VU054989.D
 Acq: 30 Aug 2023 10:39

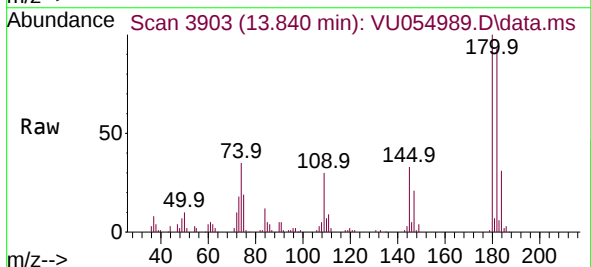
Instrument :
 MSVOA_U
 ClientSampleId :



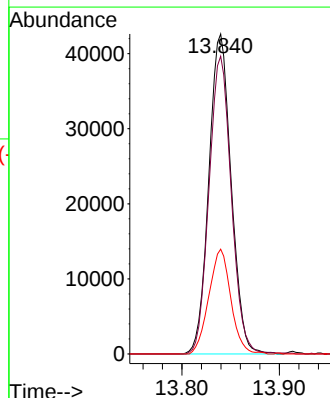
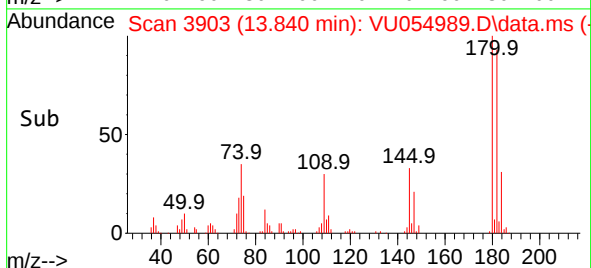
Tgt Ion:180 Resp: 84872
 Ion Ratio Lower Upper
 180 100
 182 91.6 76.6 114.8
 184 29.4 23.6 35.4
 145 31.9 26.5 39.7

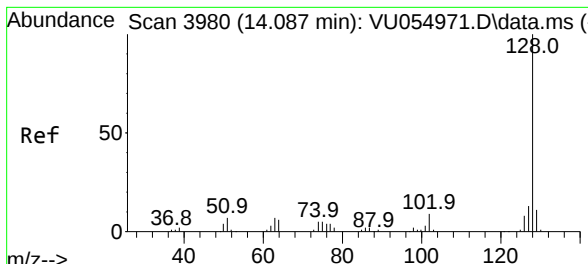


#70
 1,2,4-trichlorobenzene
 Concen: 5.851 ug/L
 RT: 13.840 min Scan# 3903
 Delta R.T. 0.000 min
 Lab File: VU054989.D
 Acq: 30 Aug 2023 10:39



Tgt Ion:180 Resp: 67739
 Ion Ratio Lower Upper
 180 100
 182 93.0 74.9 112.3
 145 32.3 25.8 38.8

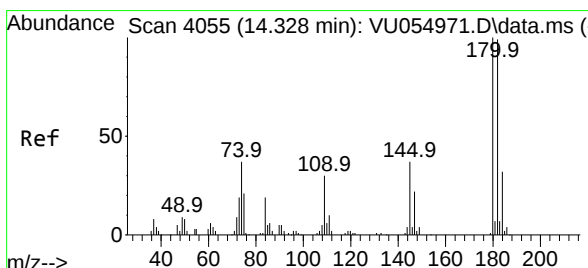
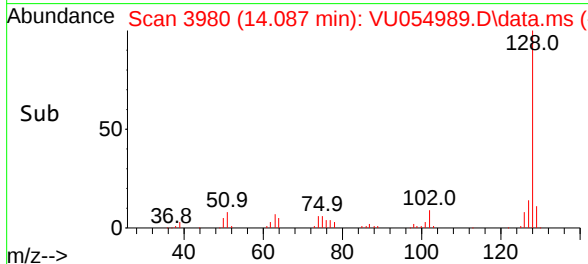
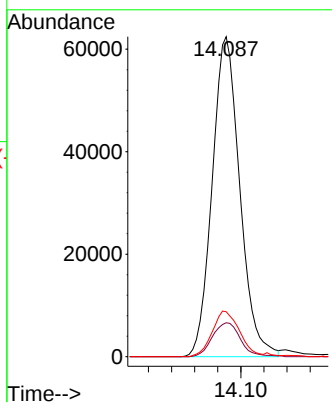
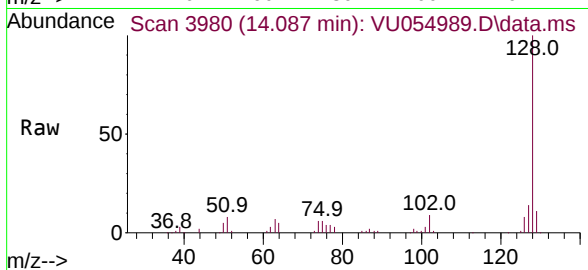




#71
 Naphthalene
 Concen: 5.958 ug/L
 RT: 14.087 min Scan# 3980
 Delta R.T. 0.000 min
 Lab File: VU054989.D
 Acq: 30 Aug 2023 10:39

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:	128	Resp:	103787
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	12.8
127	14.1	9.3	13.9#



#72
 1,2,3-Trichlorobenzene
 Concen: 5.990 ug/L
 RT: 14.328 min Scan# 4055
 Delta R.T. 0.000 min
 Lab File: VU054989.D
 Acq: 30 Aug 2023 10:39

Tgt Ion:	180	Resp:	57463
Ion	Ratio	Lower	Upper
180	100		
182	96.5	77.7	116.5
145	35.7	28.1	42.1

