

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030124\
 Data File : VU057979.D
 Acq On : 01 Mar 2024 15:38
 Operator : MD/SY
 Sample : P1601-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 01 22:45:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 01 22:42:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	146748	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	139850	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	65157	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	49613	4.699	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.000%
7) Chloroethane-d5	1.907	69	41296	4.759	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.560	65	22071	4.831	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.600%
20) 2-Butanone-d5	4.612	46	87477	50.284	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.560%
24) Chloroform-d	5.055	84	96472	4.831	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.695	65	46716	5.163	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	5.721	84	195107	4.787	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	6.682	67	60869	4.913	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.894	98	172754	4.678	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
43) trans-1,3-Dichloroprop...	8.177	79	20530	4.819	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.400%
46) 2-Hexanone-d5	8.627	63	70634	49.378	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.760%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	37139	4.888	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	54837	5.110	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.200%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.380	85	2219	0.250	ug/L	91
3) Chloromethane	1.515	50	2812	0.270	ug/L	100
5) Vinyl chloride	1.602	62	3098	0.277	ug/L #	79
6) Bromomethane	1.853	94	1442	0.245	ug/L	96
8) Chloroethane	1.927	64	1758	0.250	ug/L	99
9) Trichlorofluoromethane	2.133	101	4440	0.279	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	3059	0.307	ug/L #	84
12) 1,1-Dichloroethene	2.576	96	2705	0.306	ug/L #	1
14) Carbon disulfide	2.788	76	6995	0.255	ug/L	95
16) Methylene chloride	3.039	84	3850	0.358	ug/L #	79
17) Methyl tert-butyl Ether	3.358	73	5062	0.242	ug/L #	83
18) trans-1,2-Dichloroethene	3.351	96	2276	0.236	ug/L	95
19) 1,1-Dichloroethane	3.862	63	5051	0.263	ug/L	95
22) cis-1,2-Dichloroethene	4.660	96	2715	0.256	ug/L	92
23) Bromochloromethane	4.972	128	946	0.240	ug/L #	86
25) Chloroform	5.078	83	7442	0.379	ug/L	96
27) 1,2-Dichloroethane	5.795	62	2948	0.271	ug/L	96
30) Cyclohexane	5.380	56	4125	0.245	ug/L	97
31) Carbon tetrachloride	5.518	117	3569	0.247	ug/L	99

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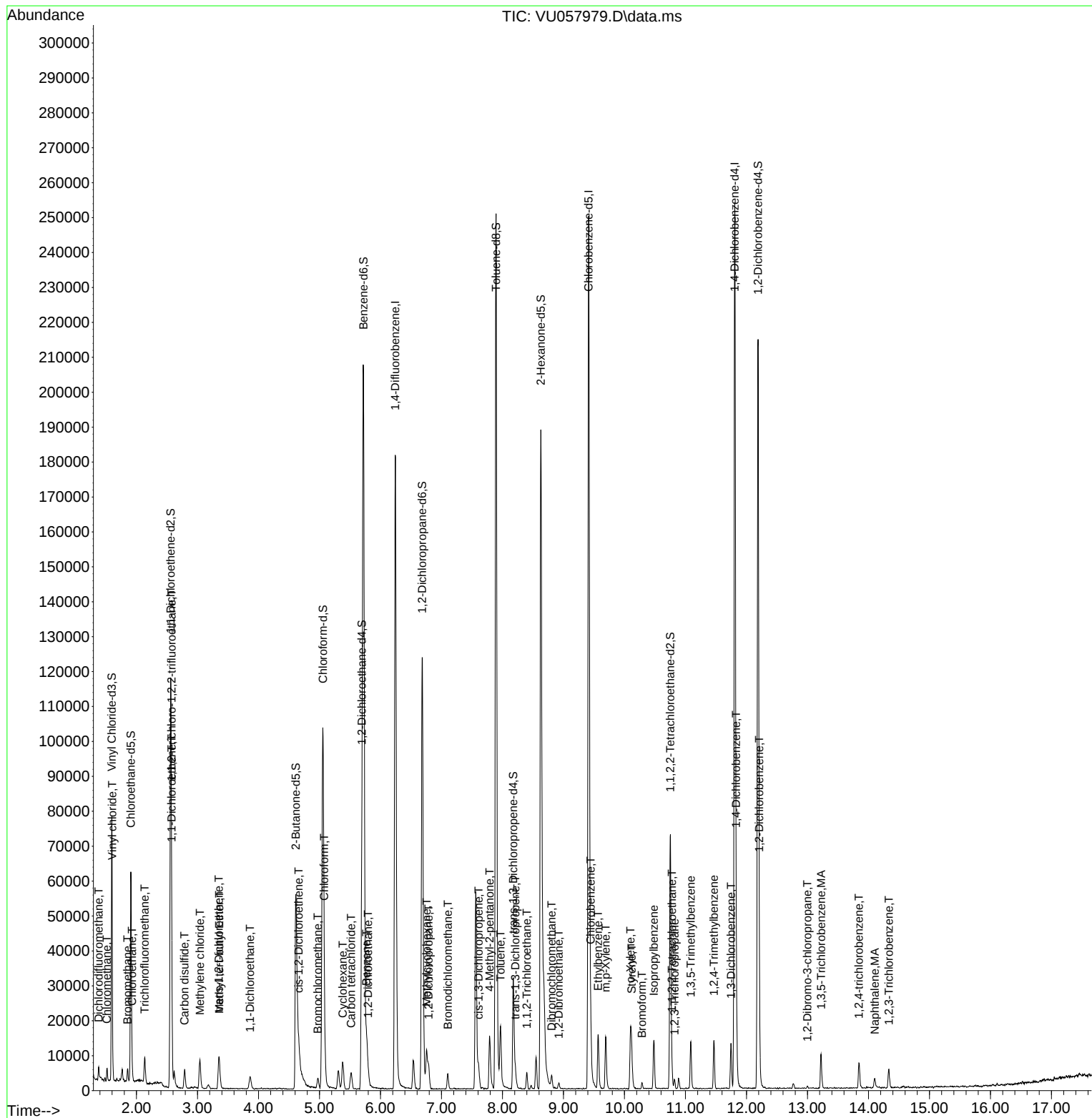
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) Benzene	5.769	78	10798	0.252	ug/L	100
35) Methylcyclohexane	6.759	83	4256	0.246	ug/L	96
37) 1,2-Dichloropropane	6.788	63	2576	0.233	ug/L #	91
38) Bromodichloromethane	7.103	83	3405	0.254	ug/L #	92
39) cis-1,3-Dichloropropene	7.608	75	3482	0.228	ug/L	90
40) 4-Methyl-2-pentanone	7.788	43	11289	2.218	ug/L #	90
42) Toluene	7.968	91	12507	0.280	ug/L	98
44) trans-1,3-Dichloropropene	8.209	75	3340	0.275	ug/L	90
45) 1,1,2-Trichloroethane	8.396	97	1447	0.221	ug/L	91
49) Dibromochloromethane	8.804	129	1895	0.244	ug/L	89
50) 1,2-Dibromoethane	8.923	107	1358	0.233	ug/L #	95
51) Chlorobenzene	9.444	112	7449	0.266	ug/L	96
52) Ethylbenzene	9.566	91	11888	0.238	ug/L	97
53) m,p-Xylene	9.692	106	4633	0.259	ug/L	84
54) o-Xylene	10.100	106	4041	0.227	ug/L	90
55) Styrene	10.116	104	6024	0.216	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	1844	0.239	ug/L #	76
59) Bromoform	10.287	173	831	0.229	ug/L #	92
60) Isopropylbenzene	10.483	105	9970	0.230	ug/L	94
61) 1,2,3-Trichloropropane	10.820	75	1479	0.277	ug/L	90
62) 1,3,5-Trimethylbenzene	11.087	105	8437	0.231	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	8235	0.228	ug/L	96
64) 1,3-Dichlorobenzene	11.746	146	5211	0.264	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	7684	0.398	ug/L	96
67) 1,2-Dichlorobenzene	12.209	146	4437	0.258	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.997	75	213	0.201	ug/L #	69
69) 1,3,5-Trichlorobenzene	13.222	180	3286	0.232	ug/L	92
70) 1,2,4-trichlorobenzene	13.843	180	3027	0.284	ug/L	95
71) Naphthalene	14.103	128	3670	0.252	ug/L #	84
72) 1,2,3-Trichlorobenzene	14.335	180	2089	0.248	ug/L	92

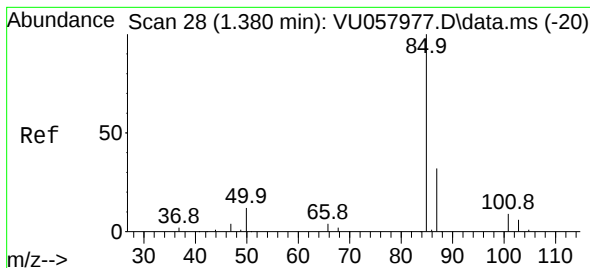
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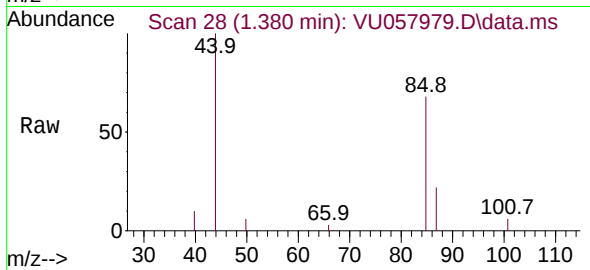
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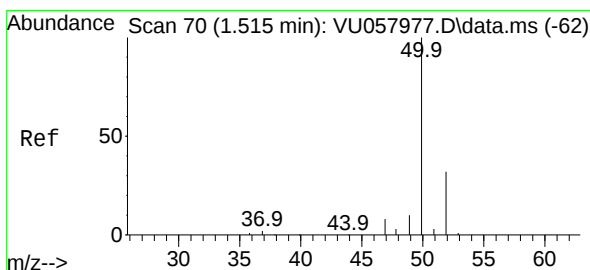
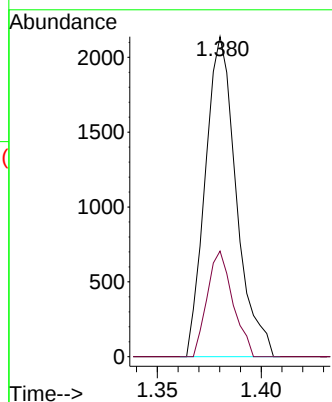
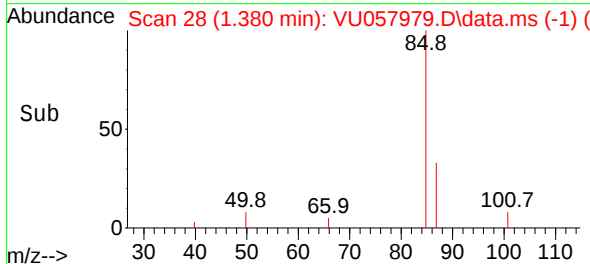


#2
 Dichlorodifluoromethane
 Concen: 0.250 ug/L
 RT: 1.380 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU057979.D
 Acq: 01 Mar 2024 15:38

Instrument :
 MSVOA_U
 ClientSampleId :

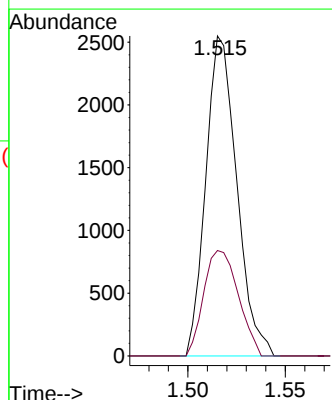
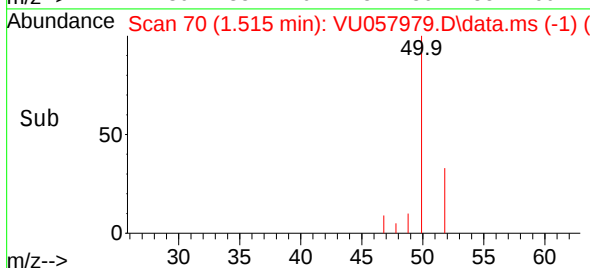
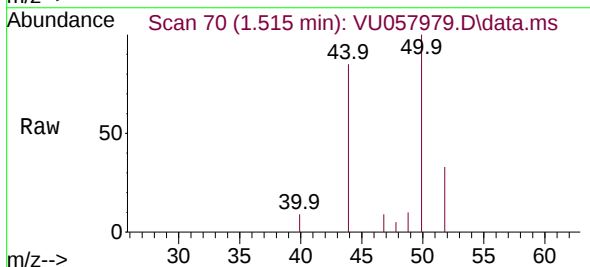


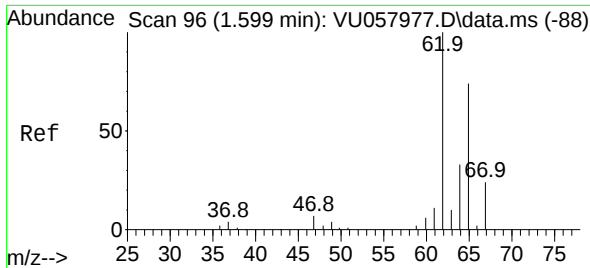
Tgt Ion: 85 Resp: 2219
 Ion Ratio Lower Upper
 85 100
 87 27.2 25.8 38.6



#3
 Chloromethane
 Concen: 0.270 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU057979.D
 Acq: 01 Mar 2024 15:38

Tgt Ion: 50 Resp: 2812
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.1 42.9

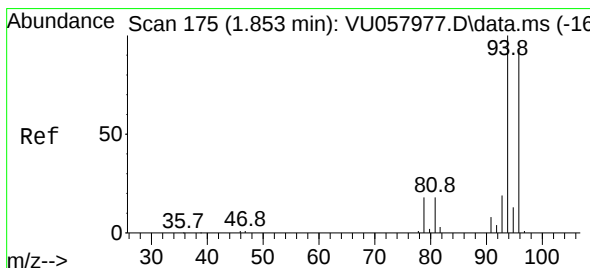
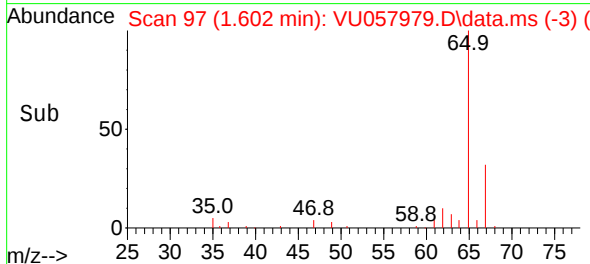
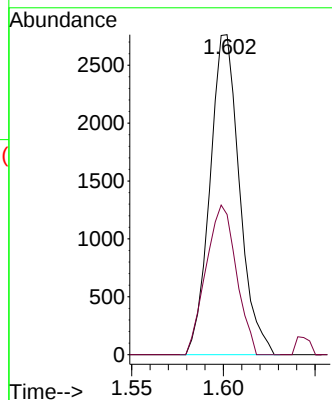
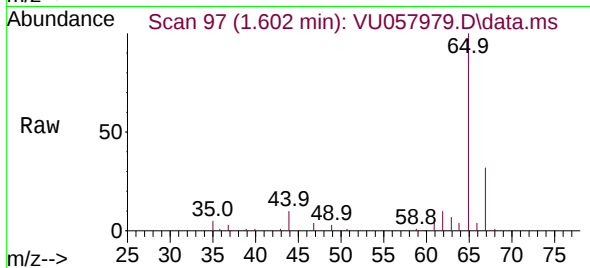




#5
 Vinyl chloride
 Concen: 0.277 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VU057979.D
 Acq: 01 Mar 2024 15:38

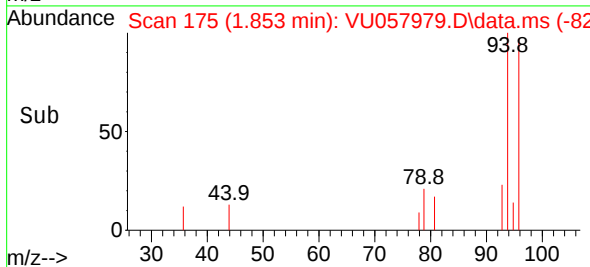
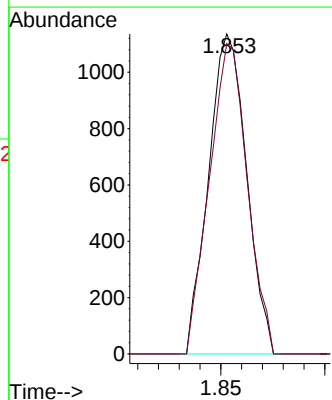
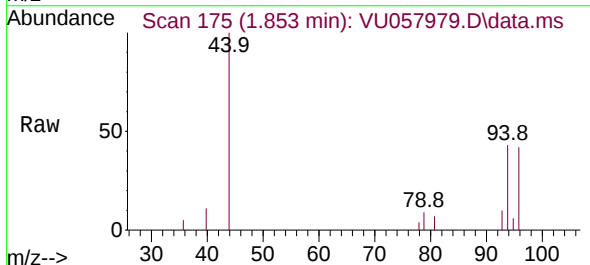
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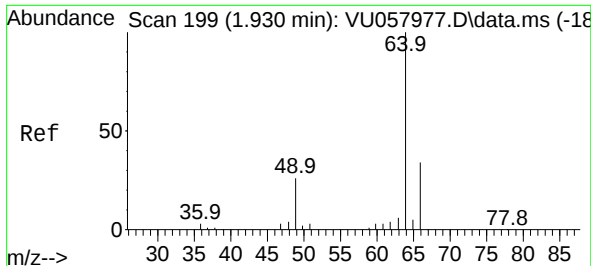
Tgt Ion: 62 Resp: 3098
 Ion Ratio Lower Upper
 62 100
 64 43.8 22.5 41.7#



#6
 Bromomethane
 Concen: 0.245 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.000 min
 Lab File: VU057979.D
 Acq: 01 Mar 2024 15:38

Tgt Ion: 94 Resp: 1442
 Ion Ratio Lower Upper
 94 100
 96 97.0 65.2 121.2

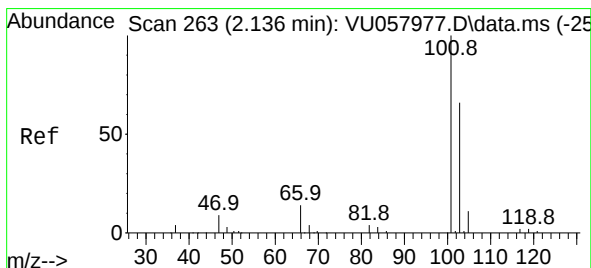
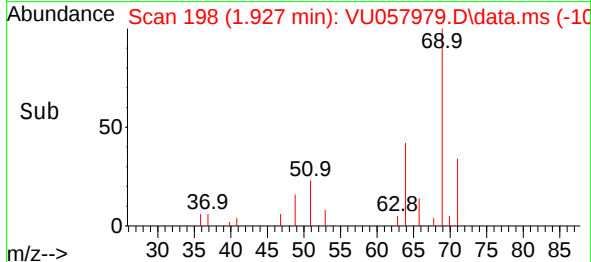
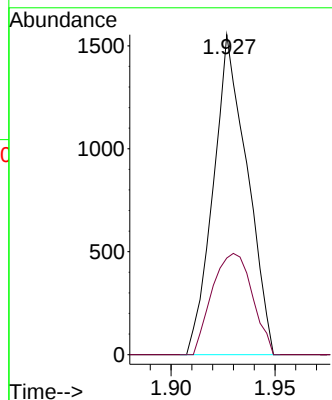
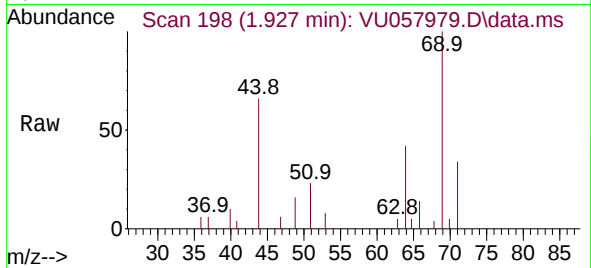




#8
Chloroethane
Concen: 0.250 ug/L
RT: 1.927 min Scan# 199
Delta R.T. -0.003 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

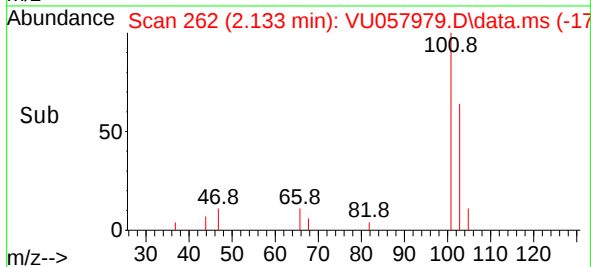
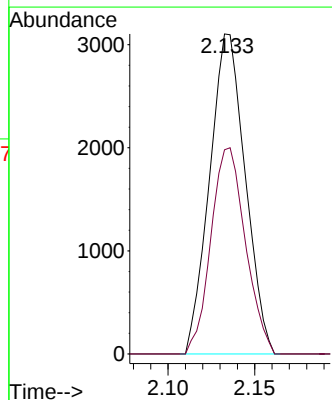
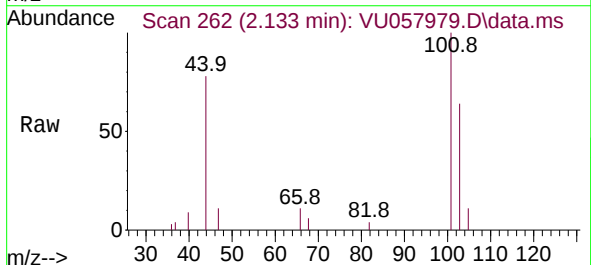
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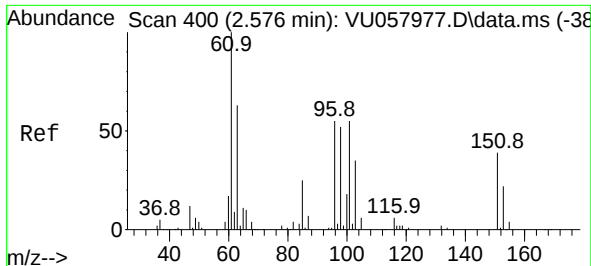
Tgt Ion: 64 Resp: 1758
Ion Ratio Lower Upper
64 100
66 30.2 20.9 38.9



#9
Trichlorofluoromethane
Concen: 0.279 ug/L
RT: 2.133 min Scan# 262
Delta R.T. -0.003 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

Tgt Ion:101 Resp: 4440
Ion Ratio Lower Upper
101 100
103 62.4 51.4 77.2

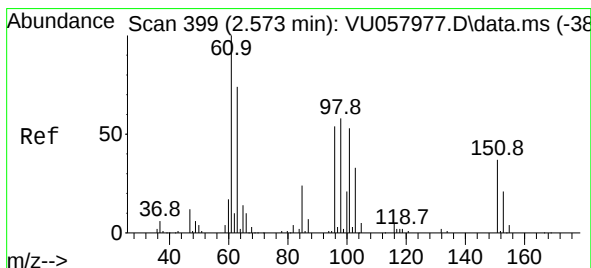
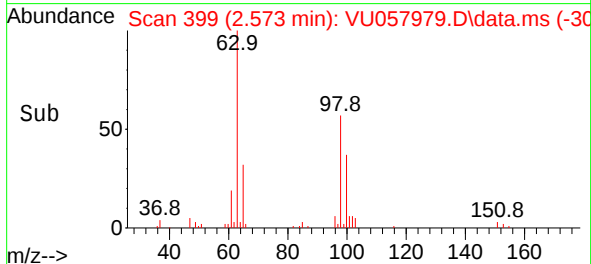
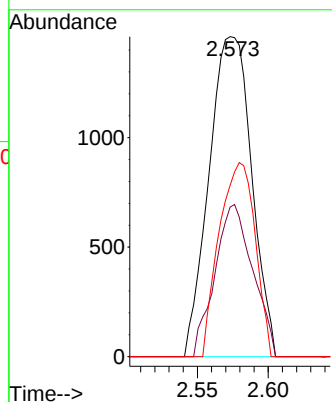
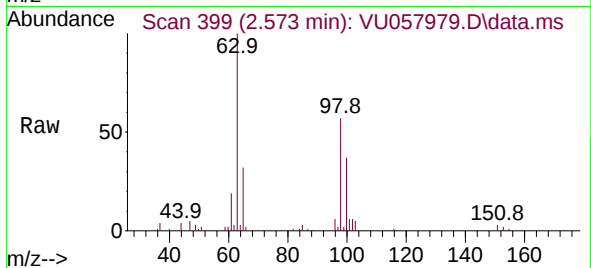




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.307 ug/L
 RT: 2.573 min Scan# 30
 Delta R.T. -0.003 min
 Lab File: VU057979.D
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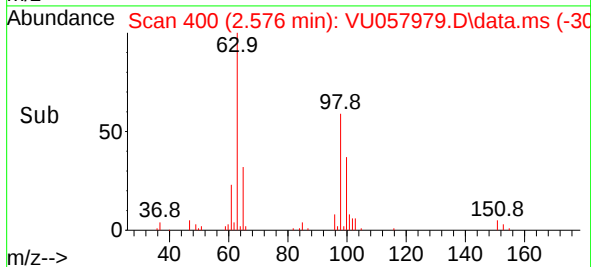
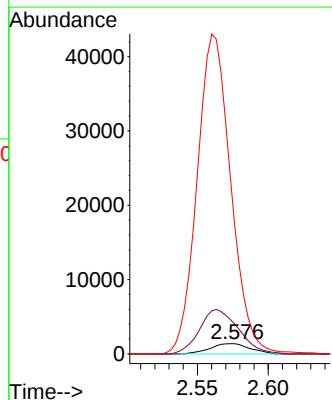
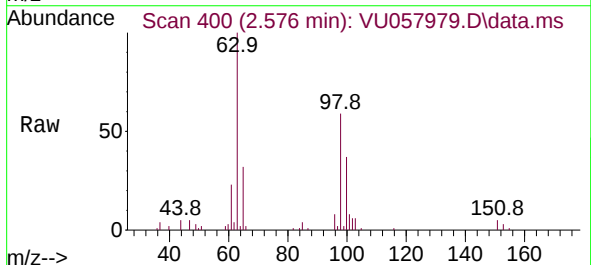
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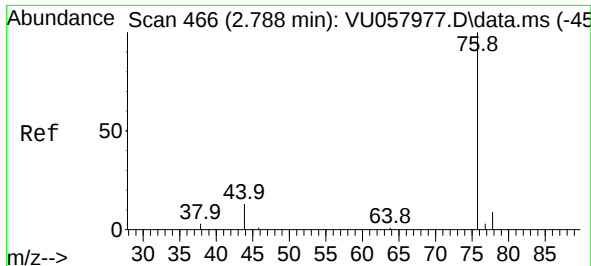
Tgt Ion:101 Resp: 3059
 Ion Ratio Lower Upper
 101 100
 85 42.3 37.3 55.9
 151 51.1 56.0 84.0#



#12
 1,1-Dichloroethene
 Concen: 0.306 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.003 min
 Lab File: VU057979.D
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Tgt Ion: 96 Resp: 2705
 Ion Ratio Lower Upper
 96 100
 61 291.8 131.8 244.8#
 63 1261.0 98.1 182.1#





#14

Carbon disulfide

Concen: 0.255 ug/L

RT: 2.788 min Scan# 4

Delta R.T. 0.000 min

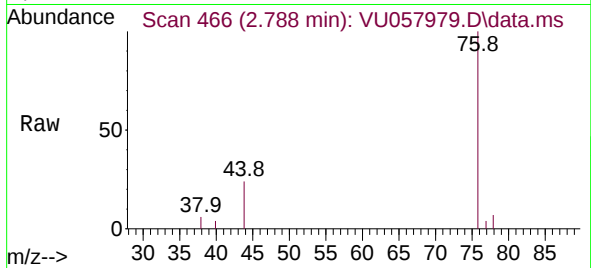
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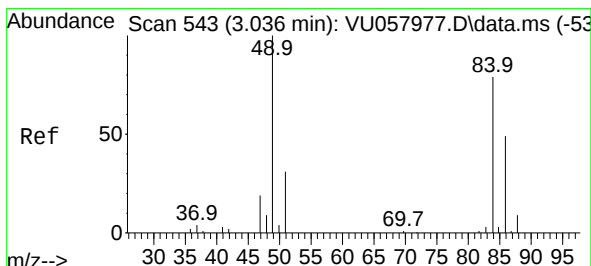
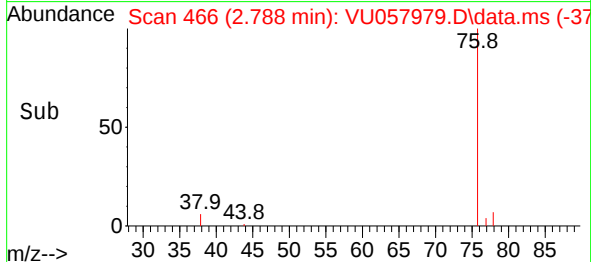
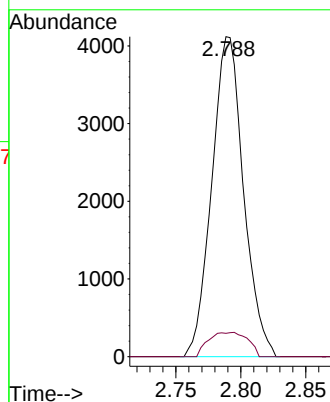


Tgt Ion: 76 Resp: 6995

Ion Ratio Lower Upper

76 100

78 7.3 7.3 10.9



#16

Methylene chloride

Concen: 0.358 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.003 min

Lab File: VU057979.D

Acq: 01 Mar 2024 15:38

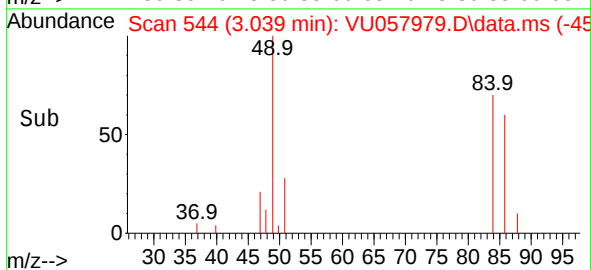
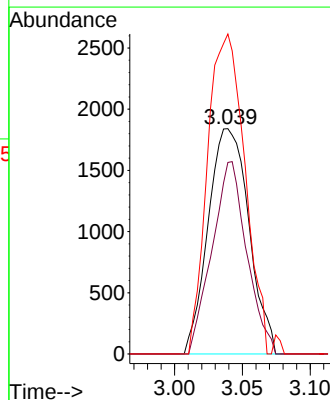
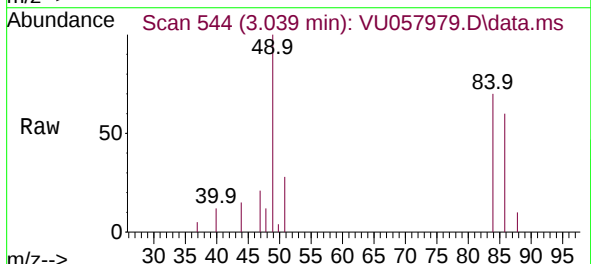
Tgt Ion: 84 Resp: 3850

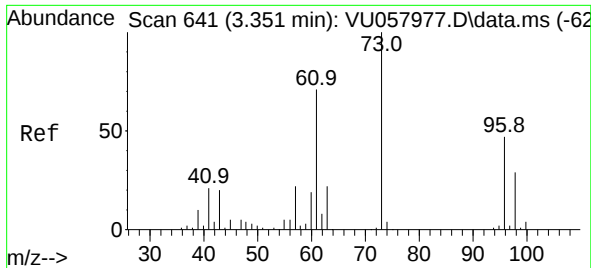
Ion Ratio Lower Upper

84 100

86 85.0 44.4 82.4#

49 147.7 88.8 165.0

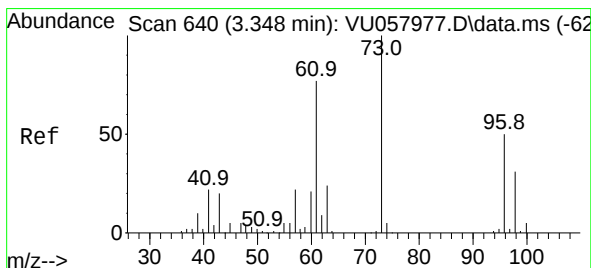
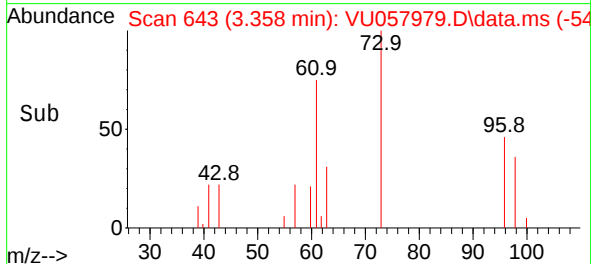
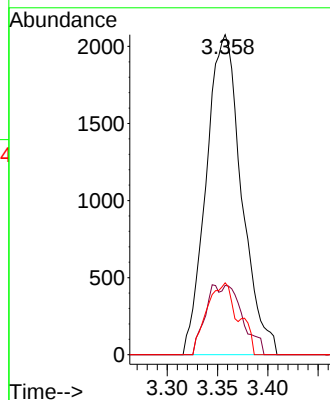
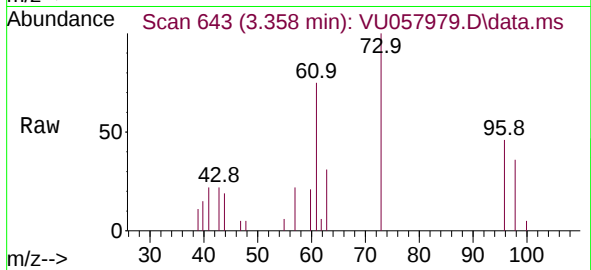




#17
Methyl tert-butyl Ether
Concen: 0.242 ug/L
RT: 3.358 min Scan# 643
Delta R.T. 0.007 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

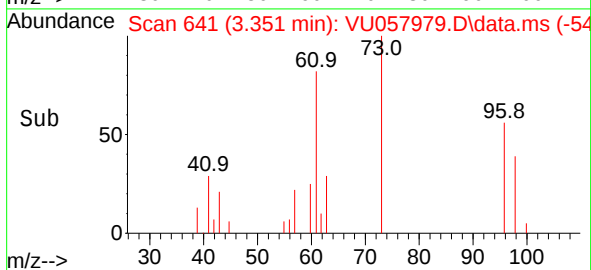
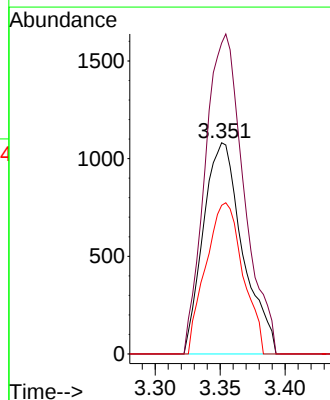
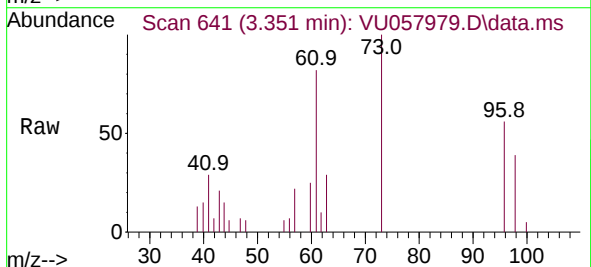
Instrument :
MSVOA_U
ClientSampleId :

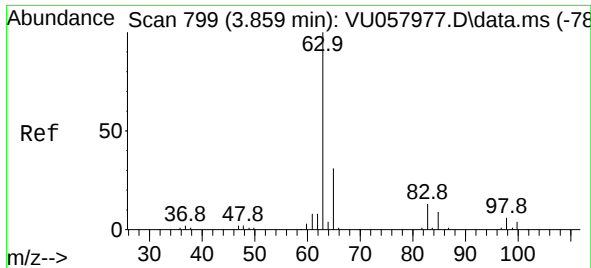
Tgt Ion: 73 Resp: 5062
Ion Ratio Lower Upper
73 100
43 9.1 16.2 24.4#
57 16.9 17.9 26.9#



#18
trans-1,2-Dichloroethene
Concen: 0.236 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

Tgt Ion: 96 Resp: 2276
Ion Ratio Lower Upper
96 100
61 147.2 107.7 199.9
98 70.4 45.8 85.0

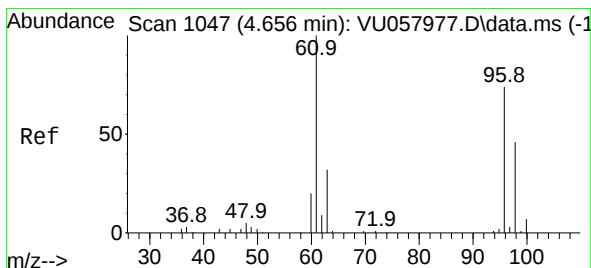
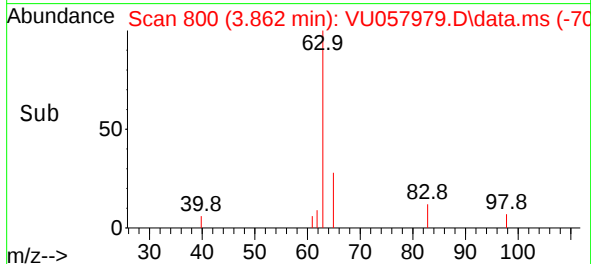
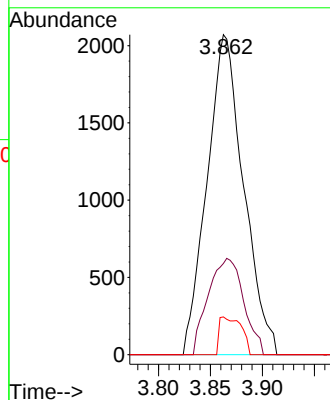
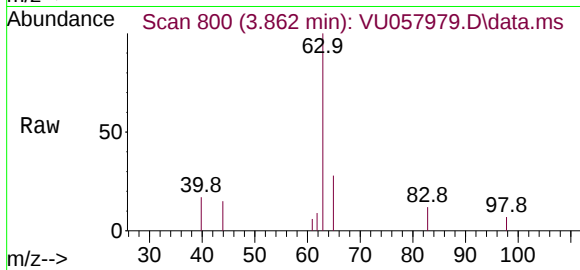




#19
1,1-Dichloroethane
Concen: 0.263 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.003 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

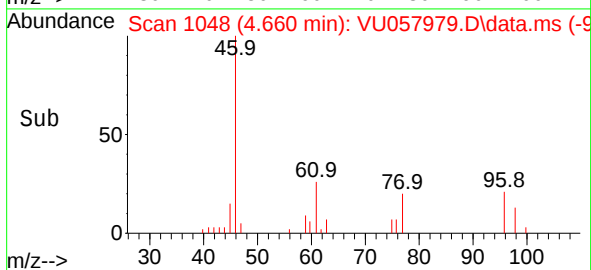
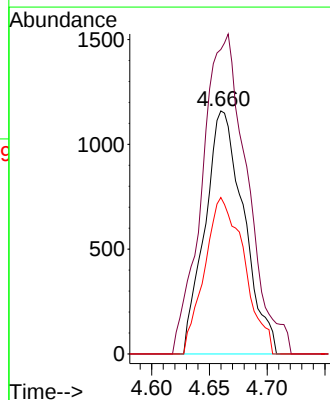
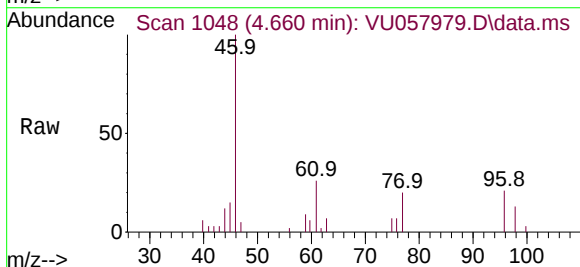
Instrument :
MSVOA_U
ClientSampleId :

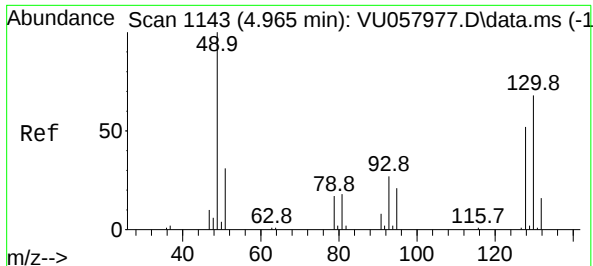
Tgt Ion: 63 Resp: 5051
Ion Ratio Lower Upper
63 100
65 28.5 22.1 41.1
83 11.8 9.0 16.6



#22
cis-1,2-Dichloroethene
Concen: 0.256 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

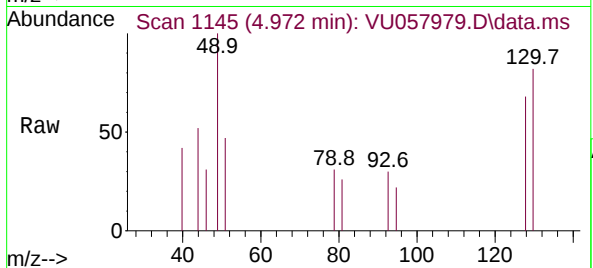
Tgt Ion: 96 Resp: 2715
Ion Ratio Lower Upper
96 100
61 125.3 97.2 180.4
98 64.4 45.5 84.5



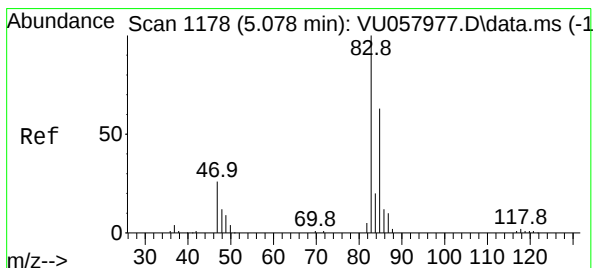
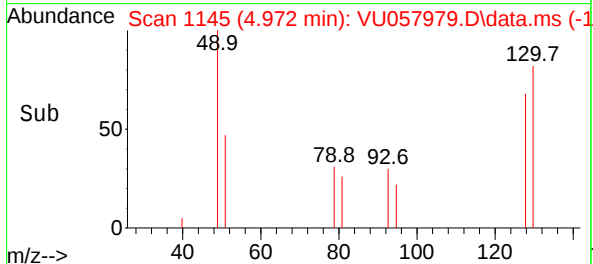
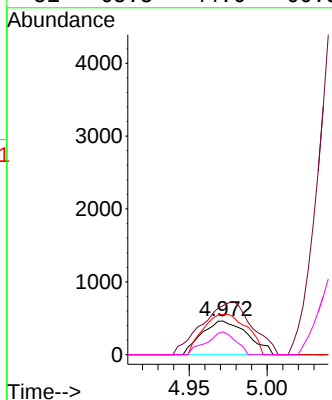


#23
Bromochloromethane
Concen: 0.240 ug/L
RT: 4.972 min Scan# 1145
Delta R.T. 0.007 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

Instrument :
MSVOA_U
ClientSampleId :

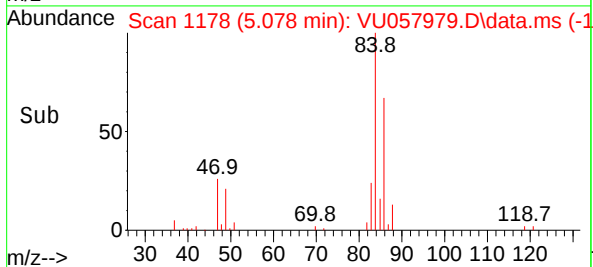
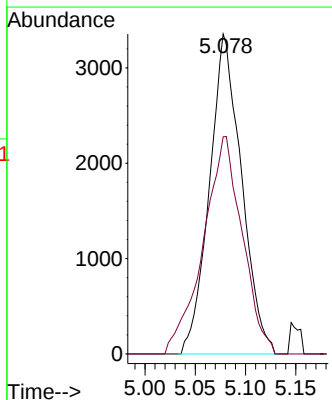
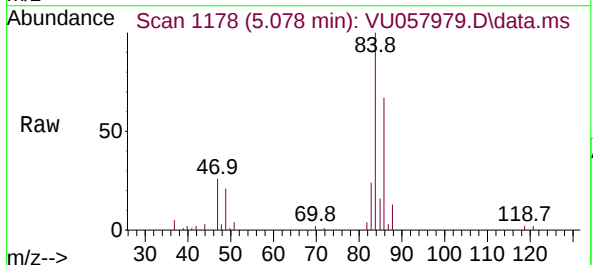


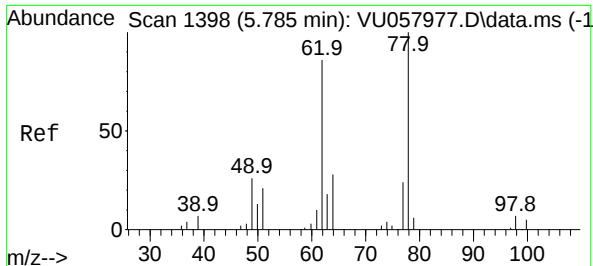
Tgt Ion:	128	Resp:	946
Ion	Ratio	Lower	Upper
128	100		
49	146.4	122.0	226.6
130	119.5	86.6	160.8
51	68.3	44.6	66.8



#25
Chloroform
Concen: 0.379 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

Tgt Ion:	83	Resp:	7442
Ion	Ratio	Lower	Upper
83	100		
85	67.8	45.4	84.4

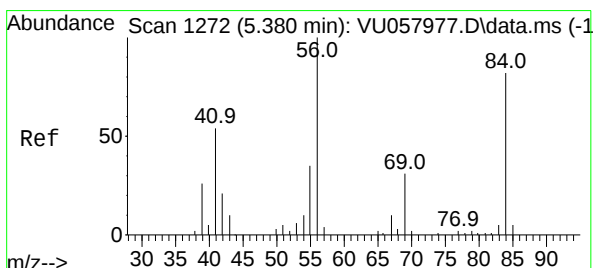
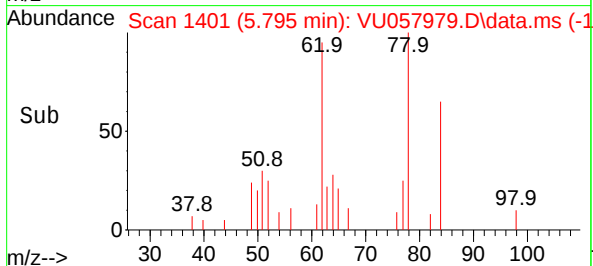
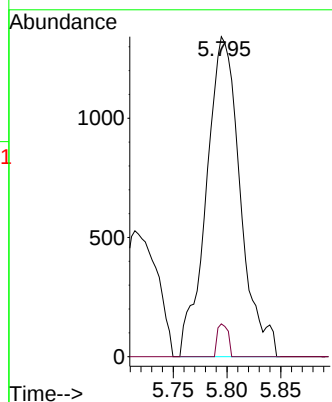
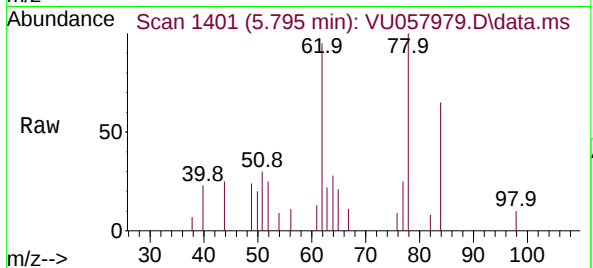




#27
1,2-Dichloroethane
Concen: 0.271 ug/L
RT: 5.795 min Scan# 1401
Delta R.T. 0.010 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

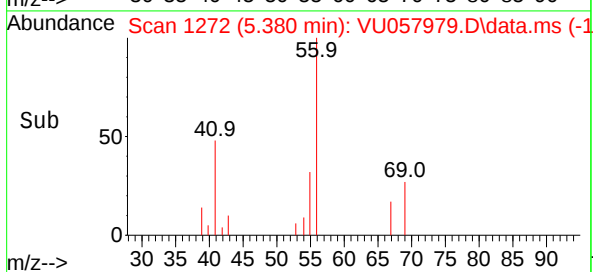
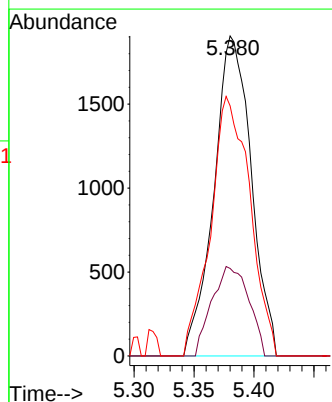
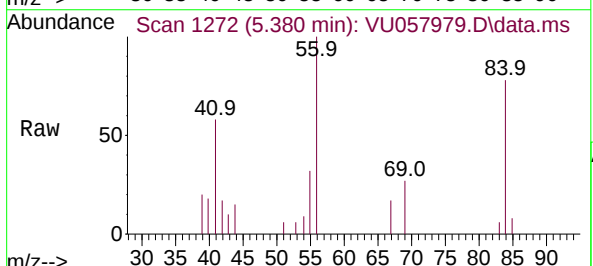
Instrument :
MSVOA_U
ClientSampleId :

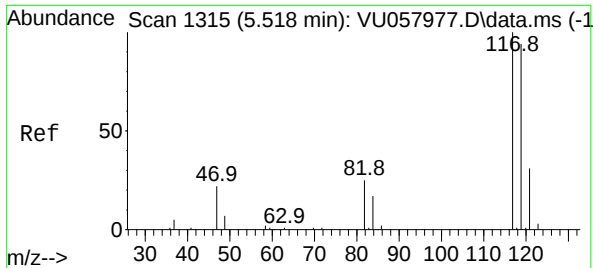
Tgt Ion: 62 Resp: 2948
Ion Ratio Lower Upper
62 100
98 10.3 7.0 10.4



#30
Cyclohexane
Concen: 0.245 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

Tgt Ion: 56 Resp: 4125
Ion Ratio Lower Upper
56 100
69 27.6 24.2 36.2
84 85.2 66.6 99.8

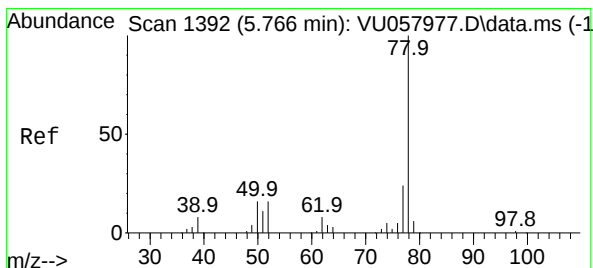
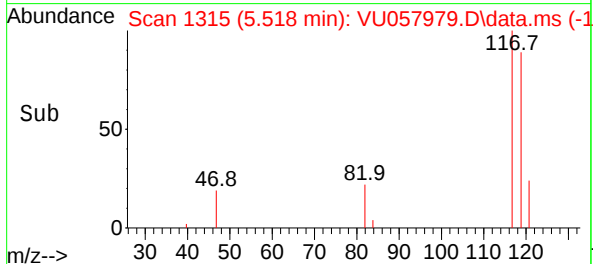
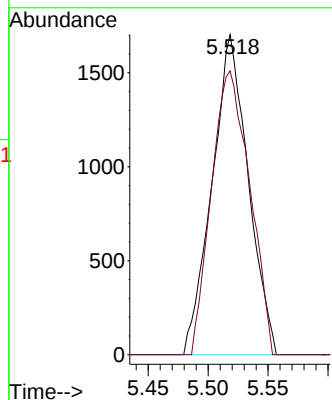
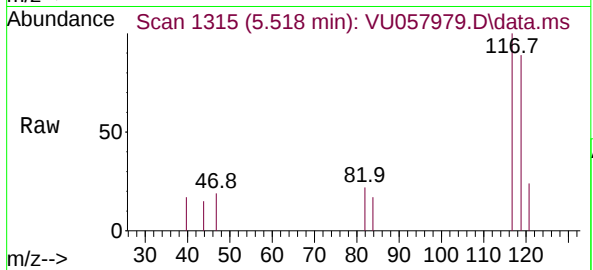




#31
Carbon tetrachloride
Concen: 0.247 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

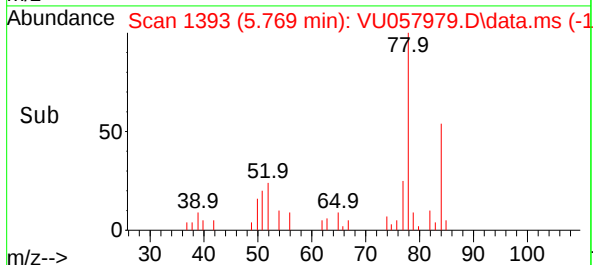
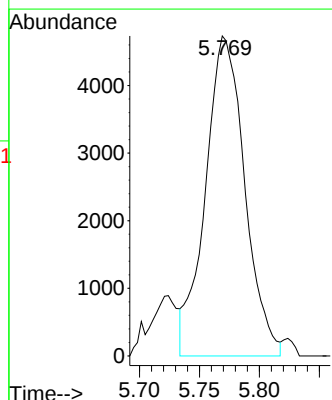
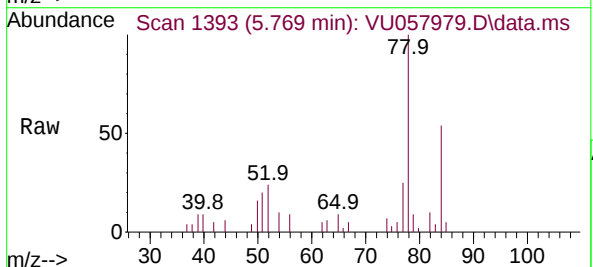
Instrument :
MSVOA_U
ClientSampleId :

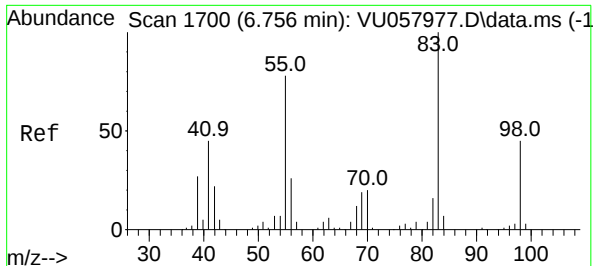
Tgt Ion:117 Resp: 3569
Ion Ratio Lower Upper
117 100
119 94.0 75.8 113.8



#33
Benzene
Concen: 0.252 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

Tgt Ion: 78 Resp: 10798

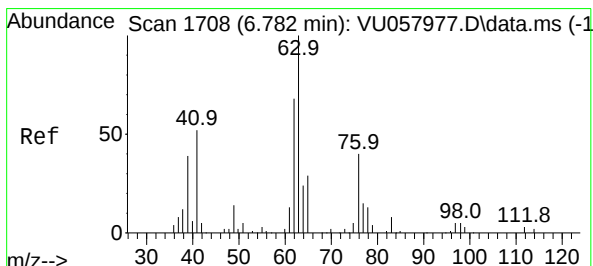
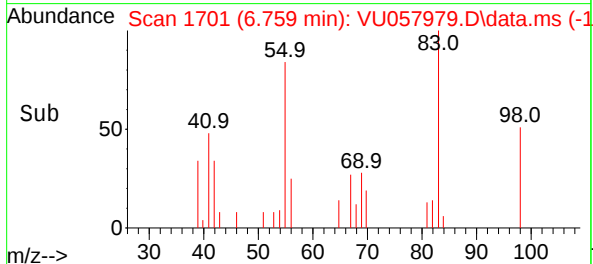
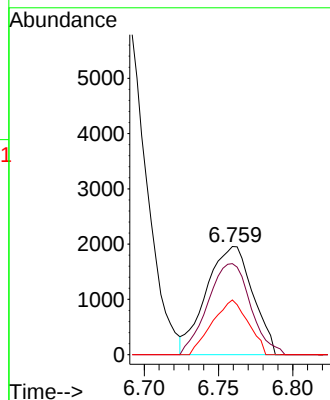
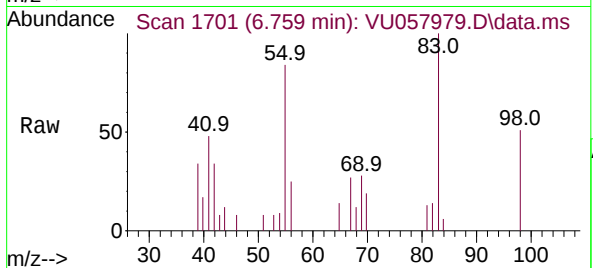




#35
Methylcyclohexane
Concen: 0.246 ug/L
RT: 6.759 min Scan# 1710
Delta R.T. 0.003 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

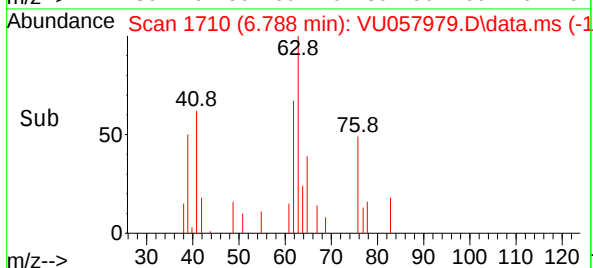
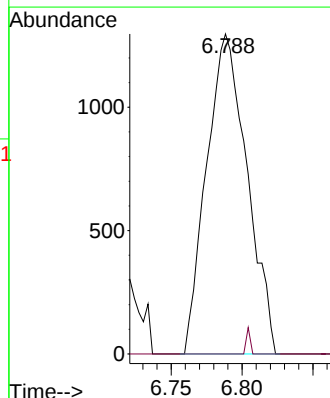
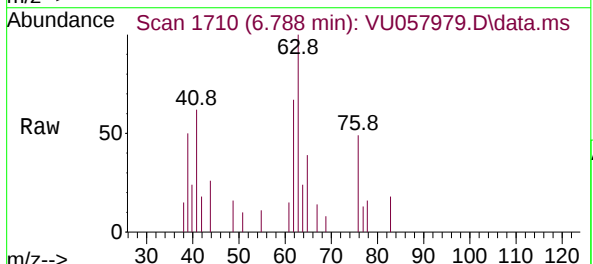
Instrument :
MSVOA_U
ClientSampleId :

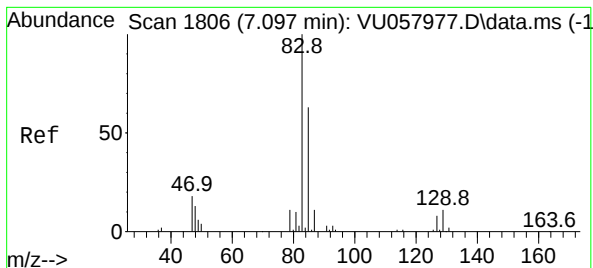
Tgt Ion: 83 Resp: 4256
Ion Ratio Lower Upper
83 100
55 77.4 63.0 94.6
98 39.1 36.2 54.4



#37
1,2-Dichloropropane
Concen: 0.233 ug/L
RT: 6.788 min Scan# 1710
Delta R.T. 0.007 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

Tgt Ion: 63 Resp: 2576
Ion Ratio Lower Upper
63 100
112 0.8 3.0 4.4#





#38

Bromodichloromethane

Concen: 0.254 ug/L

RT: 7.103 min Scan# 11

Delta R.T. 0.007 min

Lab File: VU057979.D

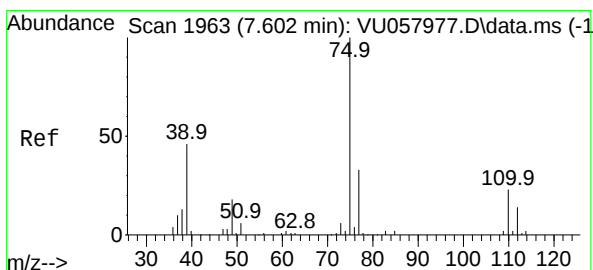
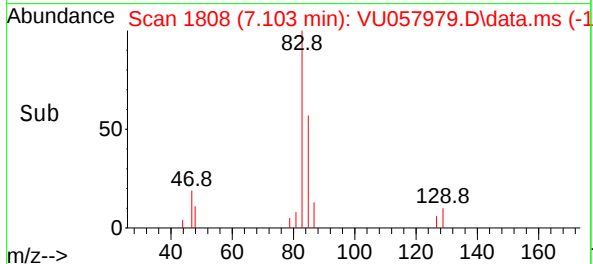
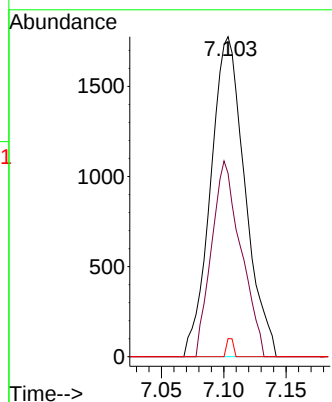
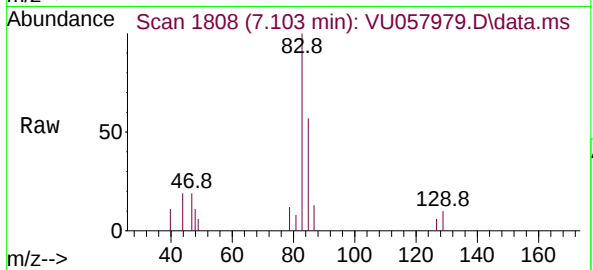
Acq: 01 Mar 2024 15:38

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp:	3405
Ion Ratio	Lower	Upper
83	100	
85	57.3	44.5 82.7
127	5.7	6.6 9.8#



#39

cis-1,3-Dichloropropene

Concen: 0.228 ug/L

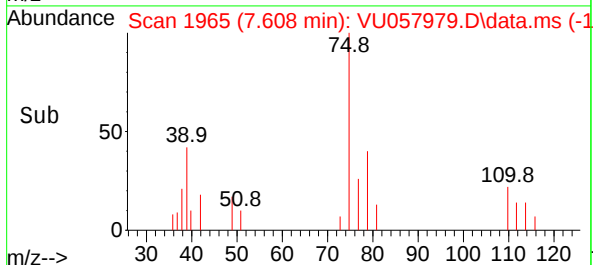
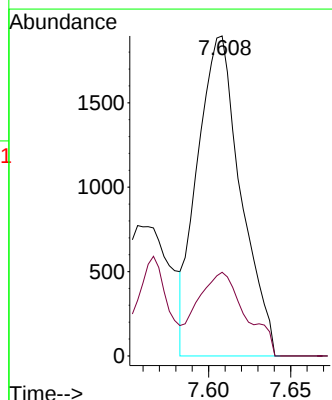
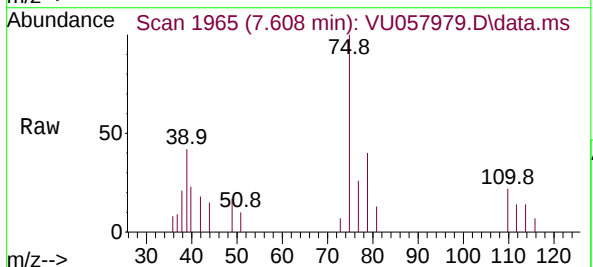
RT: 7.608 min Scan# 1965

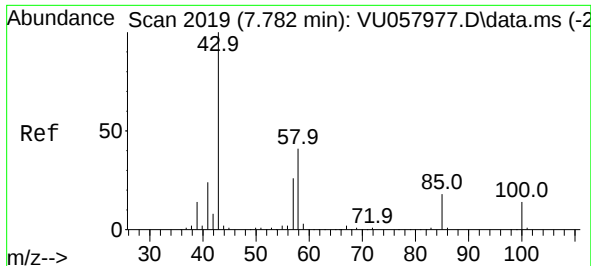
Delta R.T. 0.007 min

Lab File: VU057979.D

Acq: 01 Mar 2024 15:38

Tgt Ion: 75	Resp:	3482
Ion Ratio	Lower	Upper
75	100	
77	26.2	22.3 41.5

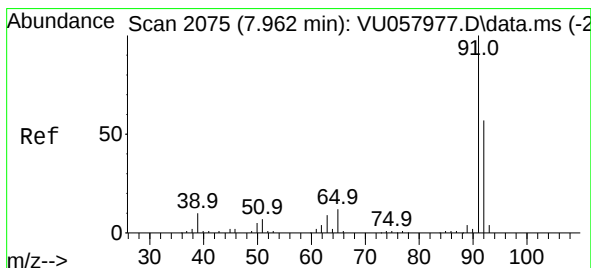
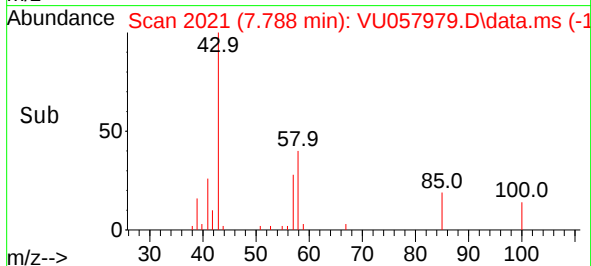
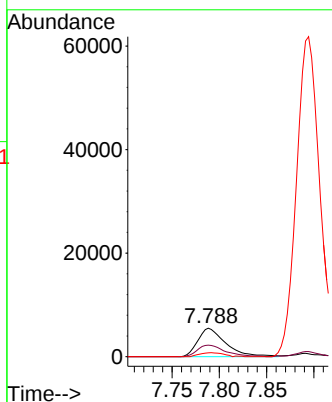
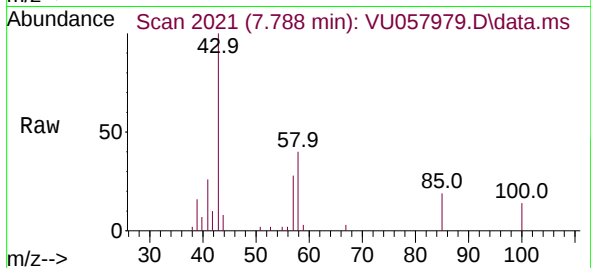




#40
4-Methyl-2-pentanone
Concen: 2.218 ug/L
RT: 7.788 min Scan# 2019
Delta R.T. 0.007 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

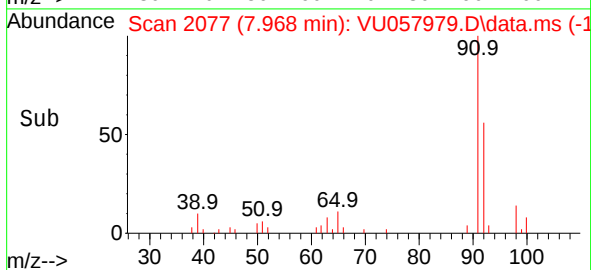
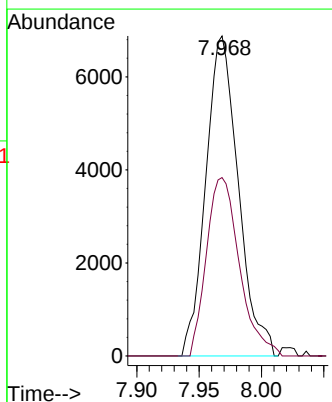
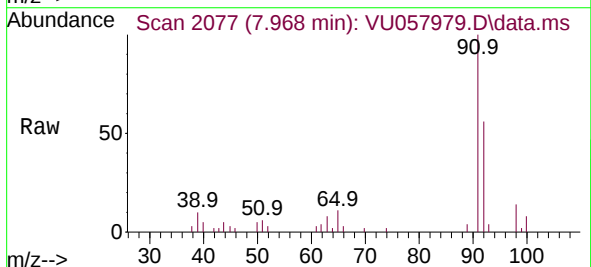
Instrument :
MSVOA_U
ClientSampleId :

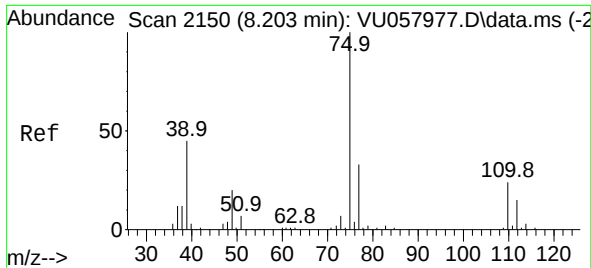
Tgt Ion: 43 Resp: 11289
Ion Ratio Lower Upper
43 100
58 40.6 31.7 47.5
100 0.0 11.3 16.9#



#42
Toluene
Concen: 0.280 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. 0.007 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

Tgt Ion: 91 Resp: 12507
Ion Ratio Lower Upper
91 100
92 55.7 40.2 74.6

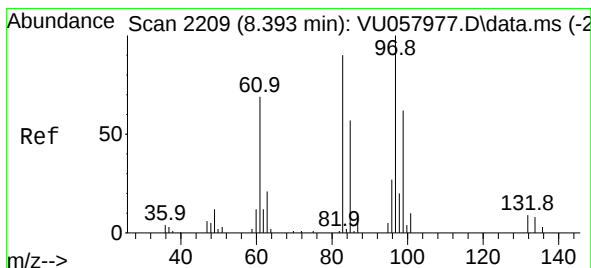
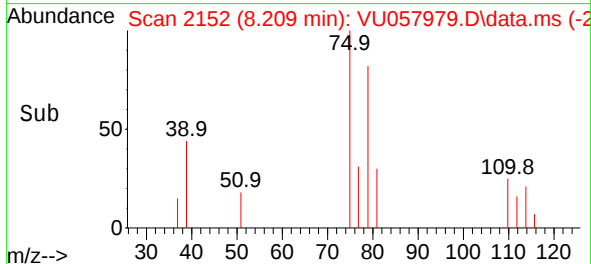
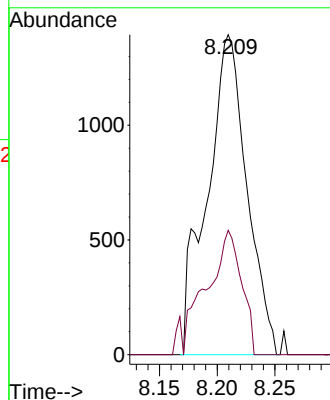
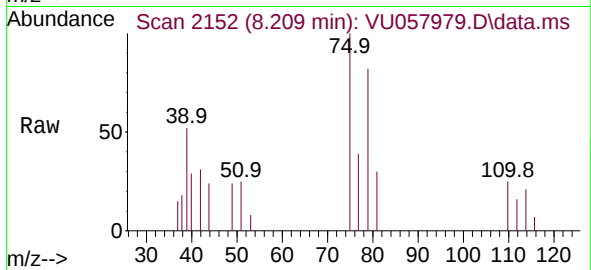




#44
trans-1,3-Dichloropropene
Concen: 0.275 ug/L
RT: 8.209 min Scan# 2150
Delta R.T. 0.007 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

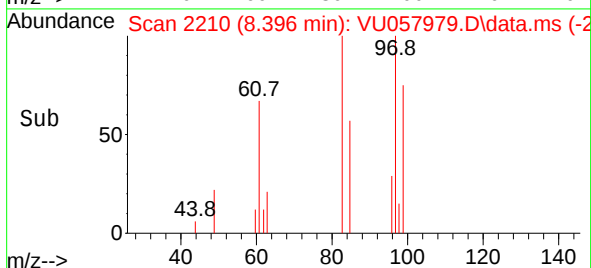
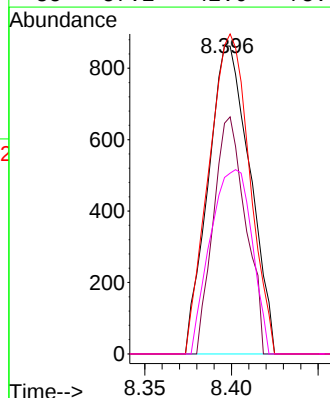
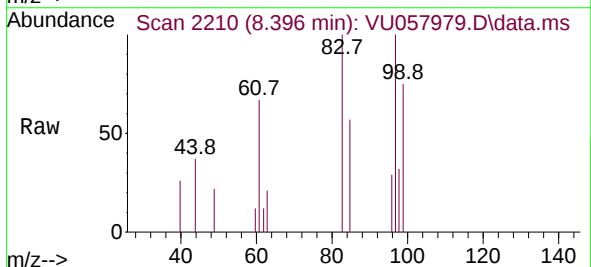
Instrument :
MSVOA_U
ClientSampleId :

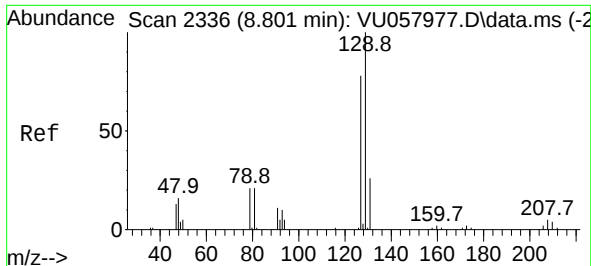
Tgt Ion: 75 Resp: 3340
Ion Ratio Lower Upper
75 100
77 38.9 23.1 42.9



#45
1,1,2-Trichloroethane
Concen: 0.221 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.003 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

Tgt Ion: 97 Resp: 1447
Ion Ratio Lower Upper
97 100
99 74.9 44.2 82.2
83 100.1 64.2 119.2
85 57.2 42.0 78.0





#49

Dibromochloromethane

Concen: 0.244 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. 0.003 min

Lab File: VU057979.D

Acq: 01 Mar 2024 15:38

Instrument :

MSVOA_U

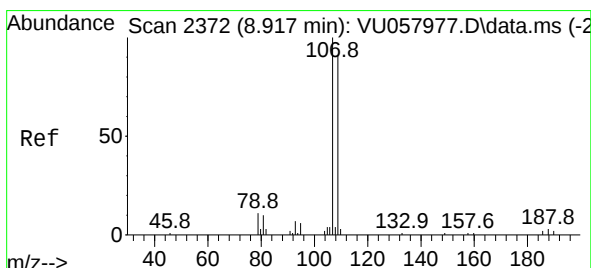
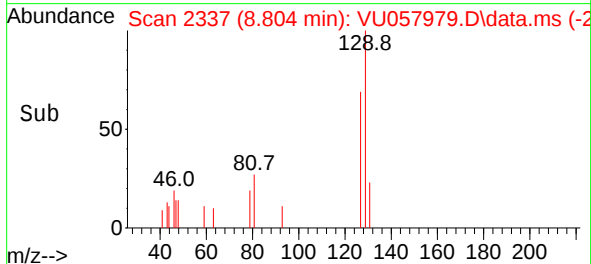
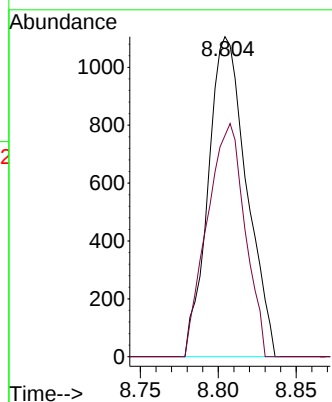
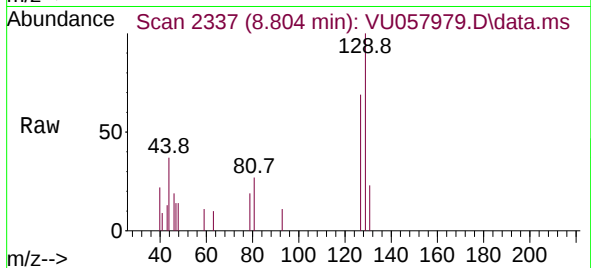
ClientSampleId :

Tgt Ion:129 Resp: 1895

Ion Ratio Lower Upper

129 100

127 69.2 55.2 102.6



#50

1,2-Dibromoethane

Concen: 0.233 ug/L

RT: 8.923 min Scan# 2374

Delta R.T. 0.007 min

Lab File: VU057979.D

Acq: 01 Mar 2024 15:38

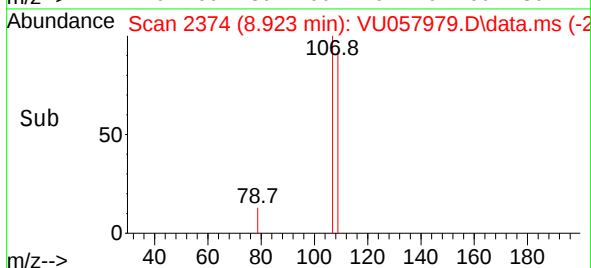
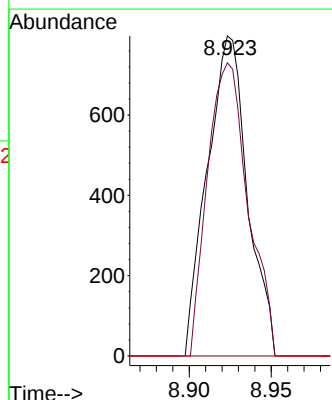
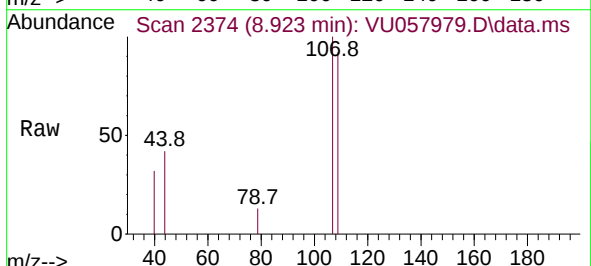
Tgt Ion:107 Resp: 1358

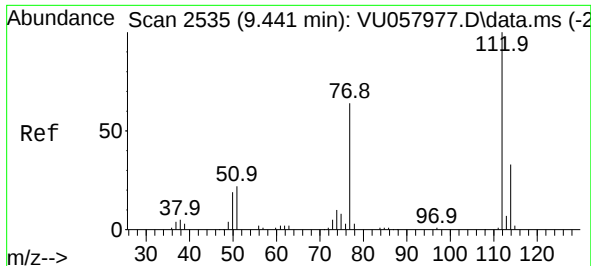
Ion Ratio Lower Upper

107 100

109 91.6 67.8 125.8

188 0.0 2.4 3.6#





#51

Chlorobenzene

Concen: 0.266 ug/L

RT: 9.444 min Scan# 2535

Delta R.T. 0.003 min

Lab File: VU057979.D

Acq: 01 Mar 2024 15:38

Instrument :

MSVOA_U

ClientSampleId :

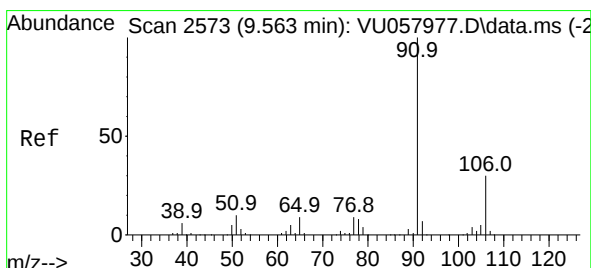
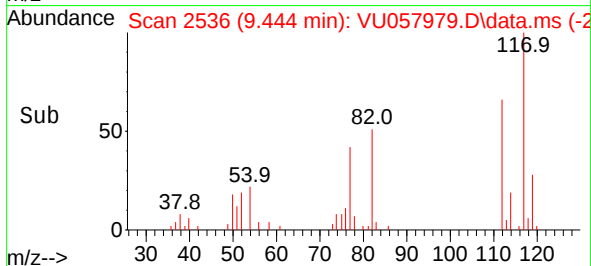
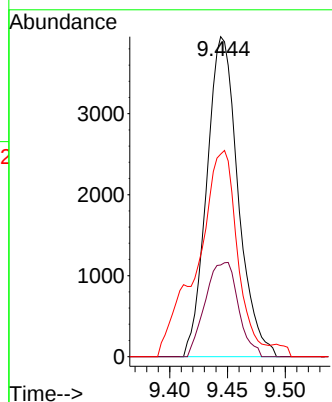
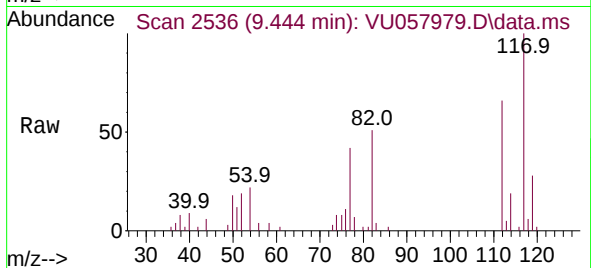
Tgt Ion:112 Resp: 7449

Ion Ratio Lower Upper

112 100

114 28.7 22.7 42.1

77 63.3 52.3 78.5



#52

Ethylbenzene

Concen: 0.238 ug/L

RT: 9.566 min Scan# 2574

Delta R.T. 0.003 min

Lab File: VU057979.D

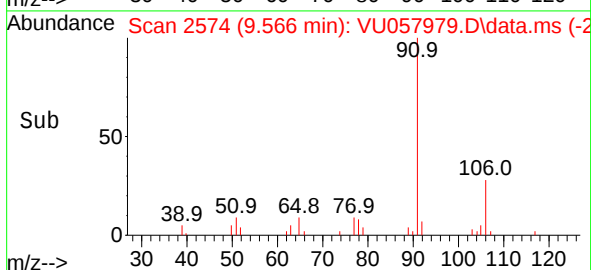
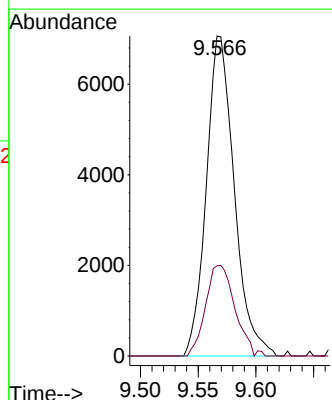
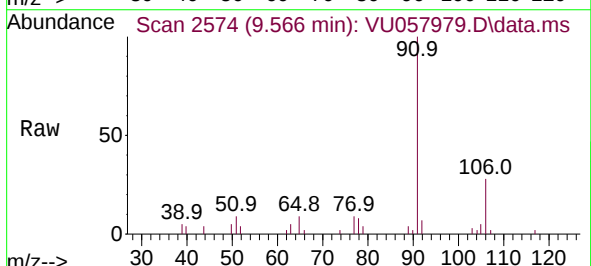
Acq: 01 Mar 2024 15:38

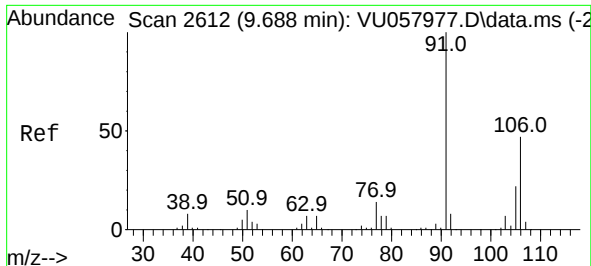
Tgt Ion: 91 Resp: 11888

Ion Ratio Lower Upper

91 100

106 28.2 20.9 38.7





#53

m,p-Xylene

Concen: 0.259 ug/L

RT: 9.692 min Scan# 2

Delta R.T. 0.003 min

Lab File: VU057979.D

Acq: 01 Mar 2024 15:38

Instrument :

MSVOA_U

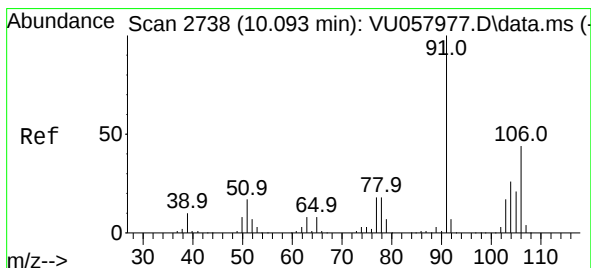
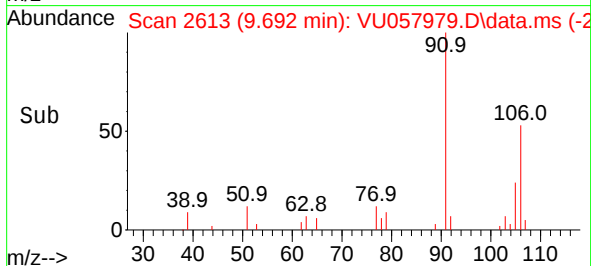
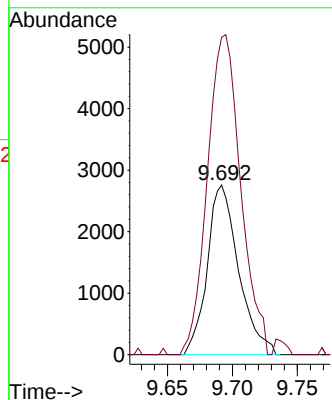
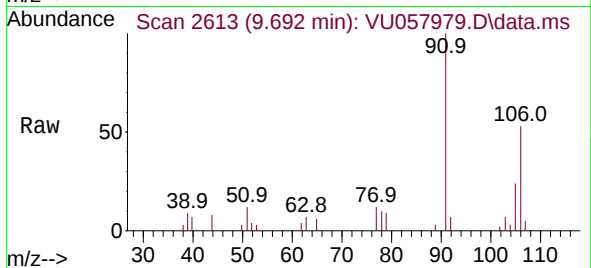
ClientSampleId :

Tgt Ion:106 Resp: 4633

Ion Ratio Lower Upper

106 100

91 187.1 148.8 276.4



#54

o-Xylene

Concen: 0.227 ug/L

RT: 10.100 min Scan# 2740

Delta R.T. 0.007 min

Lab File: VU057979.D

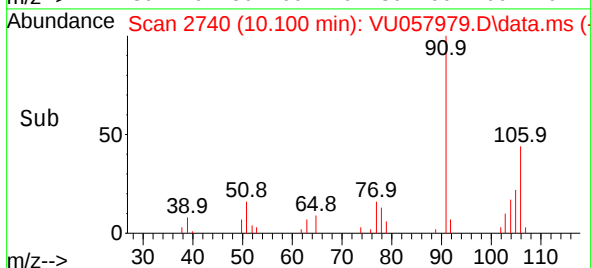
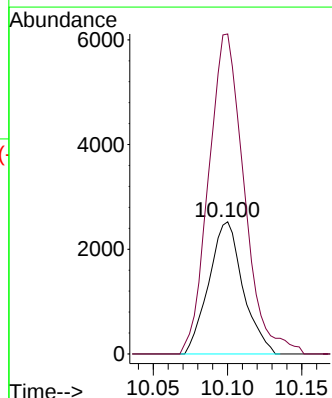
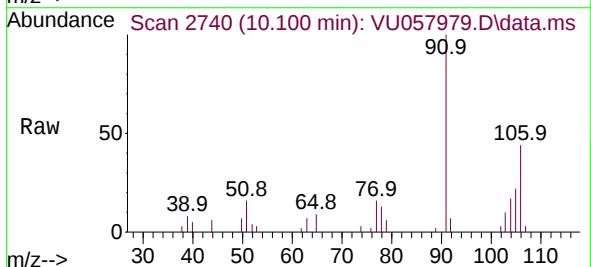
Acq: 01 Mar 2024 15:38

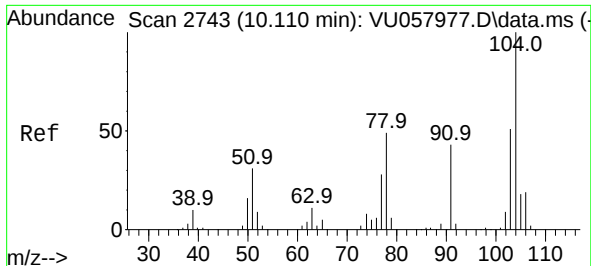
Tgt Ion:106 Resp: 4041

Ion Ratio Lower Upper

106 100

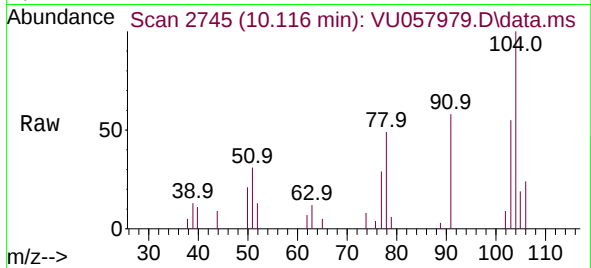
91 242.2 158.3 294.1



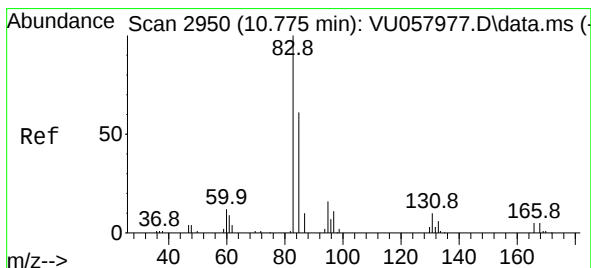
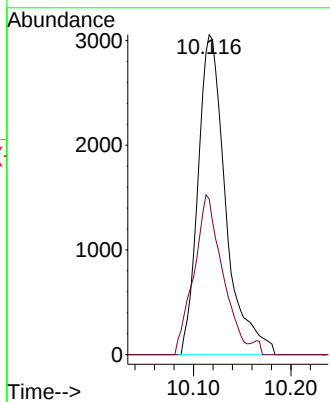
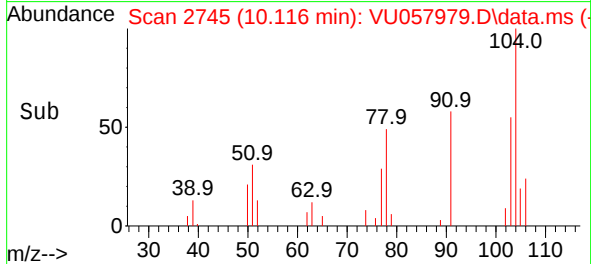


#55
Styrene
Concen: 0.216 ug/L
RT: 10.116 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

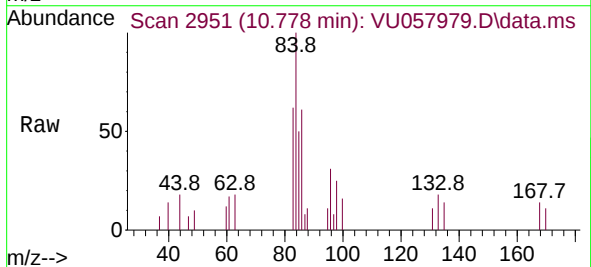
Instrument :
MSVOA_U
ClientSampleId :



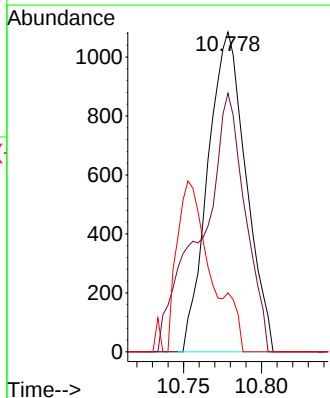
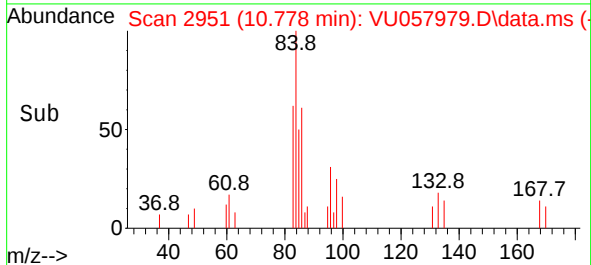
Tgt Ion:104 Resp: 6024
Ion Ratio Lower Upper
104 100
78 48.6 34.2 63.4

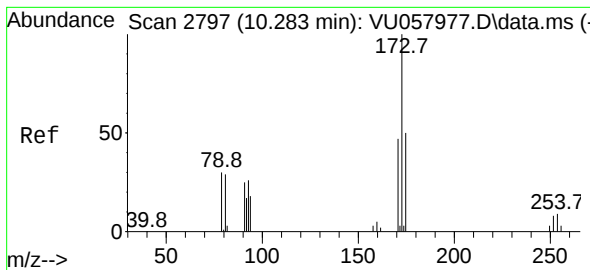


#57
1,1,2,2-Tetrachloroethane
Concen: 0.239 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38



Tgt Ion: 83 Resp: 1844
Ion Ratio Lower Upper
83 100
85 80.8 44.0 81.6
131 18.4 6.9 10.3#





#59

Bromoform

Concen: 0.229 ug/L

RT: 10.287 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU057979.D

Acq: 01 Mar 2024 15:38

Instrument :

MSVOA_U

ClientSampleId :

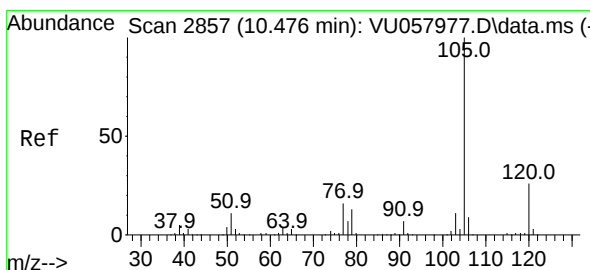
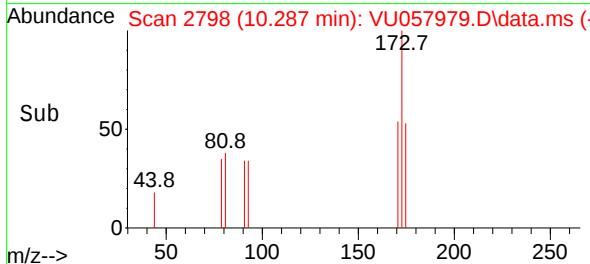
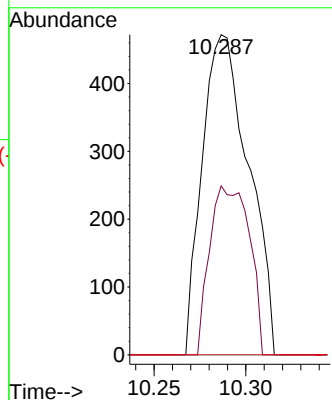
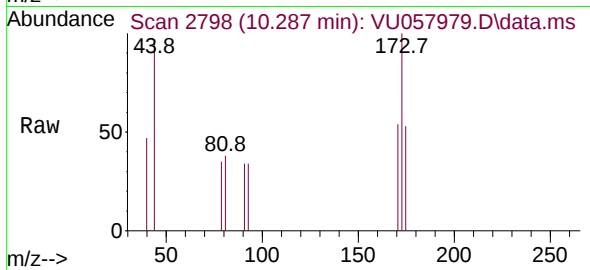
Tgt Ion:173 Resp: 831

Ion Ratio Lower Upper

173 100

175 44.9 38.6 57.8

254 0.0 7.3 10.9#



#60

Isopropylbenzene

Concen: 0.230 ug/L

RT: 10.483 min Scan# 2859

Delta R.T. 0.007 min

Lab File: VU057979.D

Acq: 01 Mar 2024 15:38

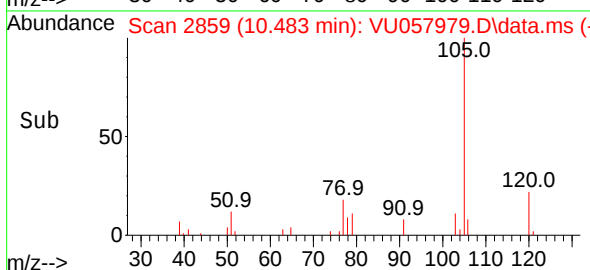
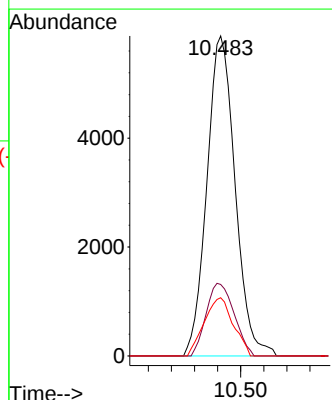
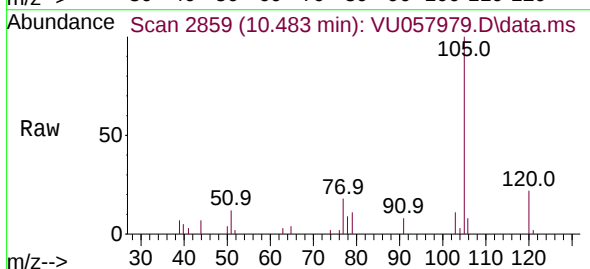
Tgt Ion:105 Resp: 9970

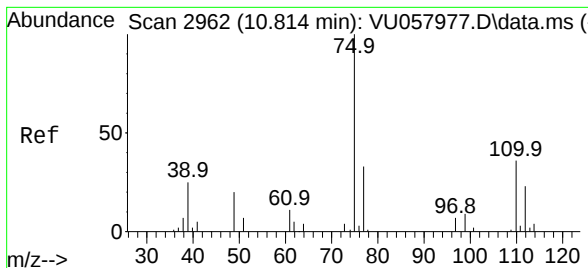
Ion Ratio Lower Upper

105 100

120 22.5 20.4 30.6

77 18.6 13.2 19.8





#61

1,2,3-Trichloropropane

Concen: 0.277 ug/L

RT: 10.820 min Scan# 2964

Delta R.T. 0.007 min

Lab File: VU057979.D

Acq: 01 Mar 2024 15:38

Instrument :

MSVOA_U

ClientSampleId :

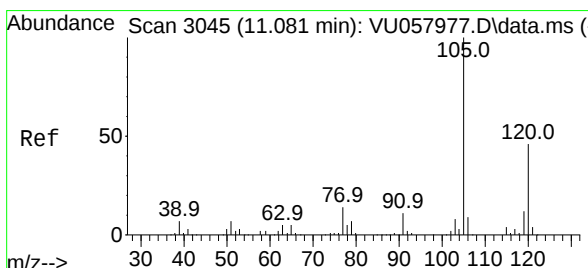
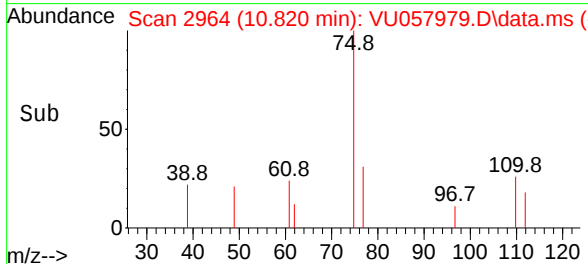
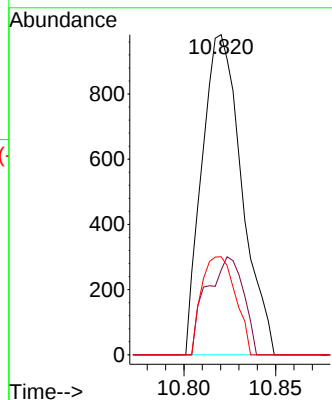
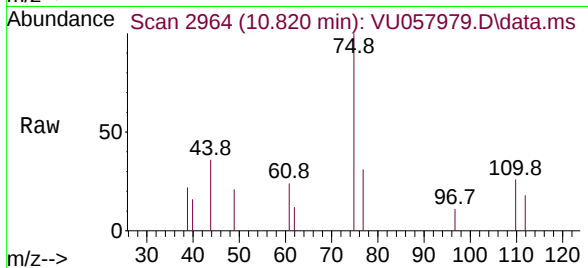
Tgt Ion: 75 Resp: 1479

Ion Ratio Lower Upper

75 100

110 28.1 28.0 42.0

77 26.0 24.7 37.1



#62

1,3,5-Trimethylbenzene

Concen: 0.231 ug/L

RT: 11.087 min Scan# 3047

Delta R.T. 0.007 min

Lab File: VU057979.D

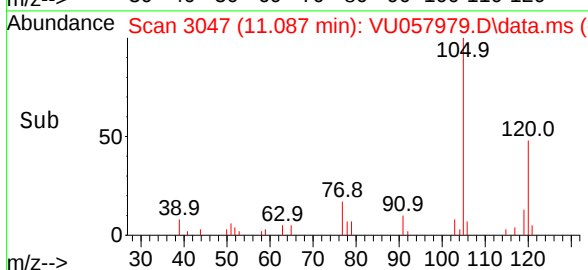
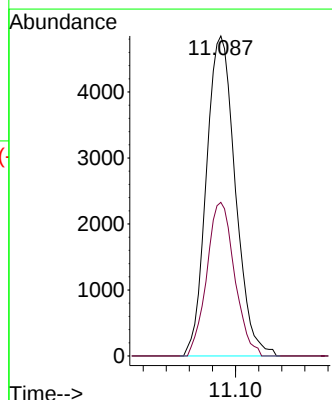
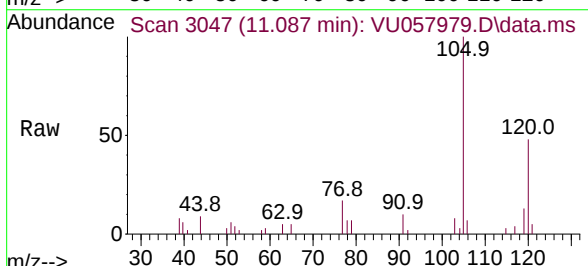
Acq: 01 Mar 2024 15:38

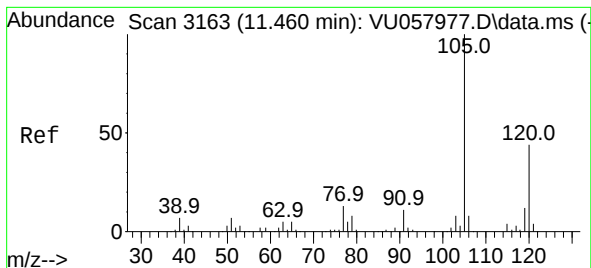
Tgt Ion:105 Resp: 8437

Ion Ratio Lower Upper

105 100

120 45.9 37.1 55.7





#63

1,2,4-Trimethylbenzene

Concen: 0.228 ug/L

RT: 11.467 min Scan# 3165

Delta R.T. 0.007 min

Lab File: VU057979.D

Acq: 01 Mar 2024 15:38

Instrument :

MSVOA_U

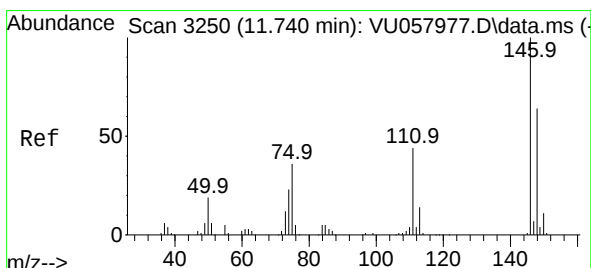
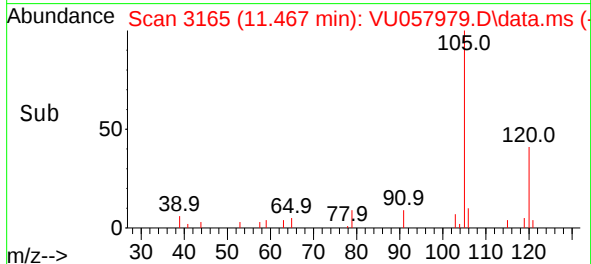
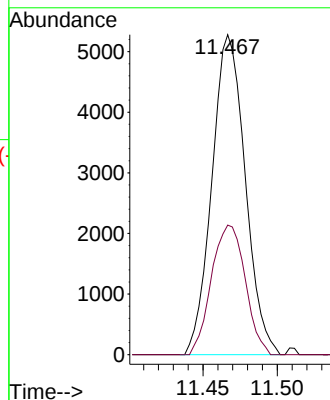
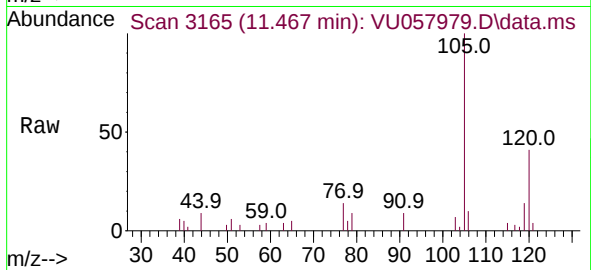
ClientSampleId :

Tgt Ion:105 Resp: 8235

Ion Ratio Lower Upper

105 100

120 41.0 34.8 52.2



#64

1,3-Dichlorobenzene

Concen: 0.264 ug/L

RT: 11.746 min Scan# 3252

Delta R.T. 0.007 min

Lab File: VU057979.D

Acq: 01 Mar 2024 15:38

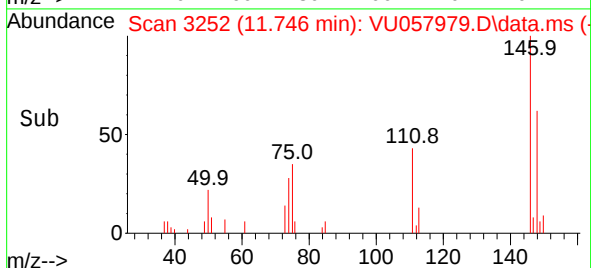
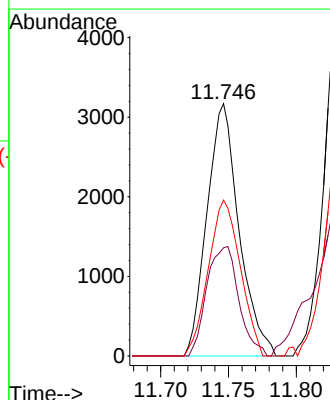
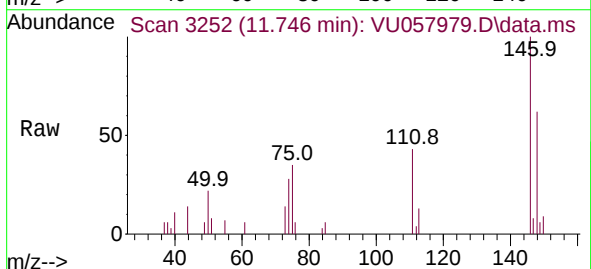
Tgt Ion:146 Resp: 5211

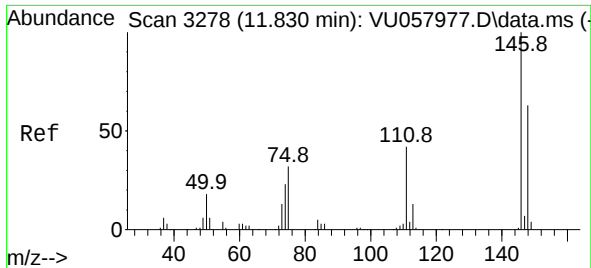
Ion Ratio Lower Upper

146 100

111 42.9 30.9 57.5

148 61.8 45.4 84.4





#65

1,4-Dichlorobenzene

Concen: 0.398 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU057979.D

Acq: 01 Mar 2024 15:38

Instrument :

MSVOA_U

ClientSampleId :

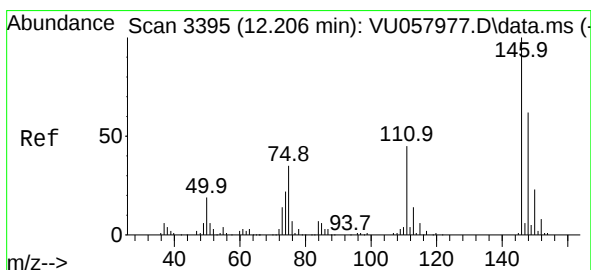
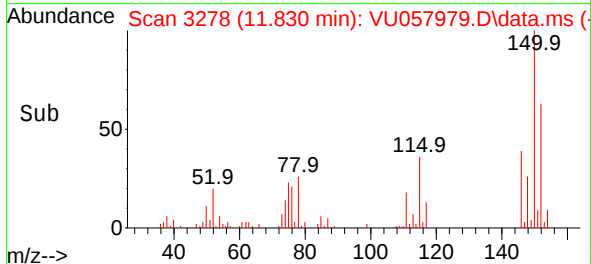
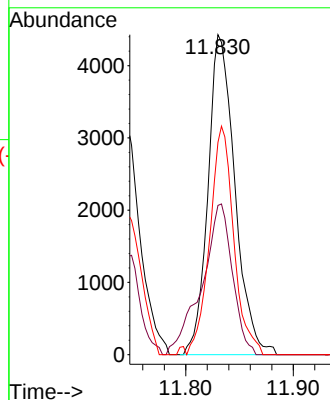
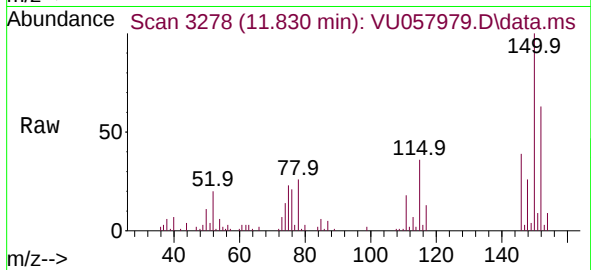
Tgt Ion:146 Resp: 7684

Ion Ratio Lower Upper

146 100

111 46.6 30.1 55.9

148 66.4 45.0 83.6



#67

1,2-Dichlorobenzene

Concen: 0.258 ug/L

RT: 12.209 min Scan# 3396

Delta R.T. 0.003 min

Lab File: VU057979.D

Acq: 01 Mar 2024 15:38

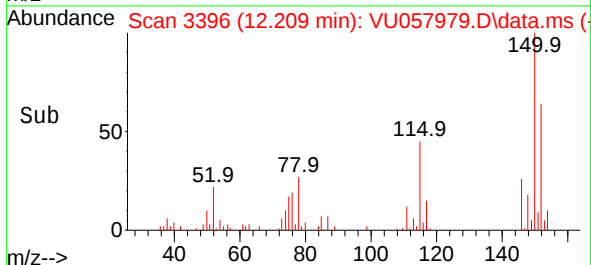
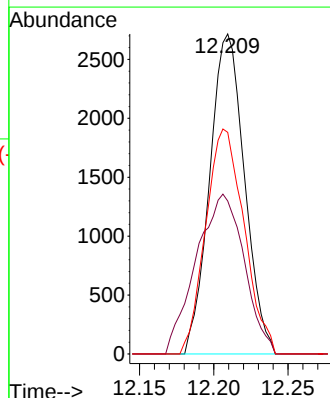
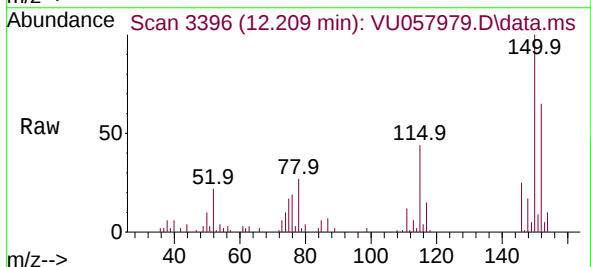
Tgt Ion:146 Resp: 4437

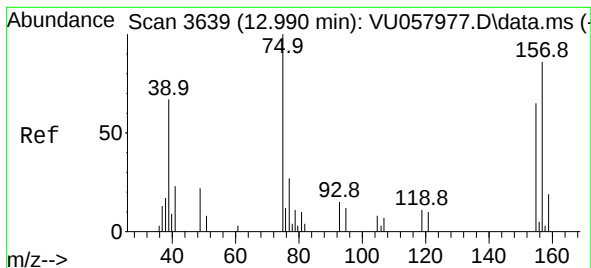
Ion Ratio Lower Upper

146 100

111 47.8 37.4 56.0

148 69.3 50.8 76.2

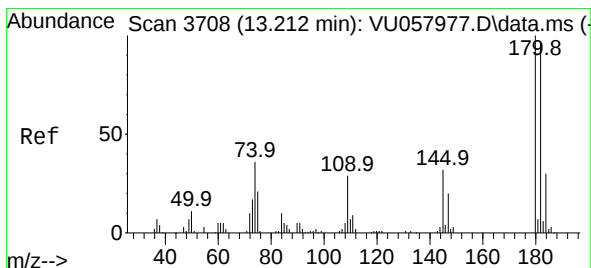
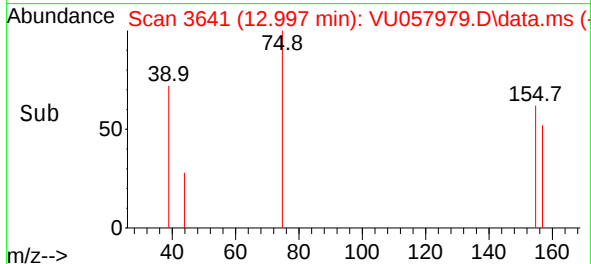
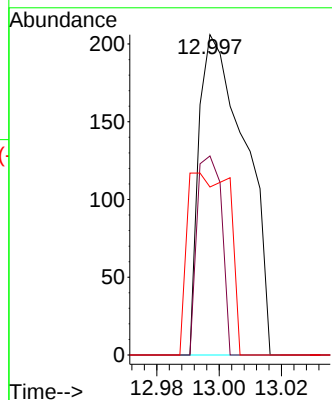
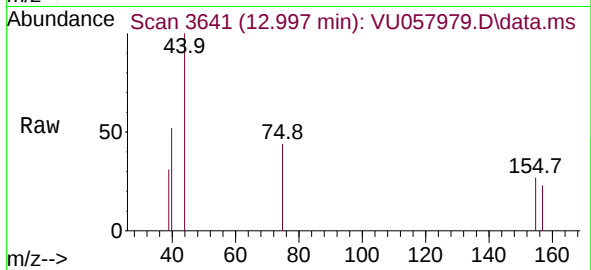




#68
1,2-Dibromo-3-chloropropane
Concen: 0.201 ug/L
RT: 12.997 min Scan# 3641
Delta R.T. 0.007 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

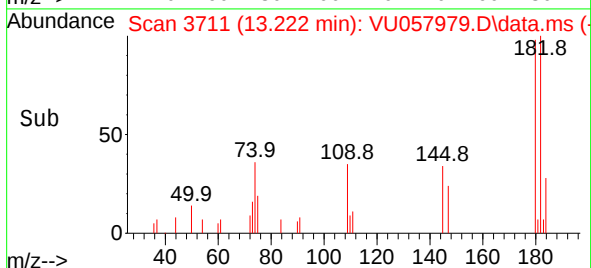
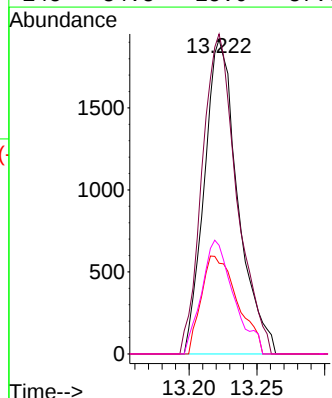
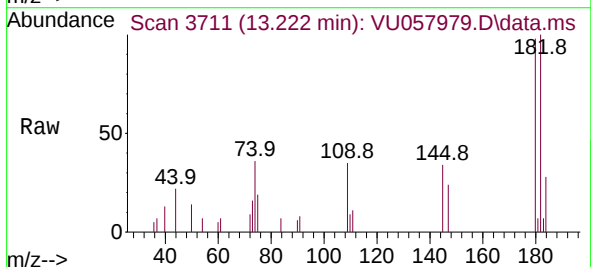
Instrument :
MSVOA_U
ClientSampleId :

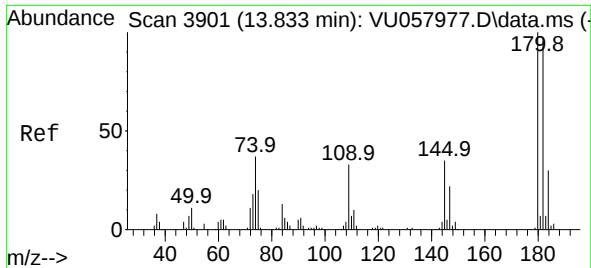
Tgt Ion: 75 Resp: 213
Ion Ratio Lower Upper
75 100
155 62.1 61.0 91.6
157 52.4 74.6 112.0#



#69
1,3,5-Trichlorobenzene
Concen: 0.232 ug/L
RT: 13.222 min Scan# 3711
Delta R.T. 0.010 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

Tgt Ion:180 Resp: 3286
Ion Ratio Lower Upper
180 100
182 105.1 76.3 114.5
184 33.6 24.6 36.8
145 34.8 25.0 37.6





#70

1,2,4-trichlorobenzene

Concen: 0.284 ug/L

RT: 13.843 min Scan# 3904

Delta R.T. 0.010 min

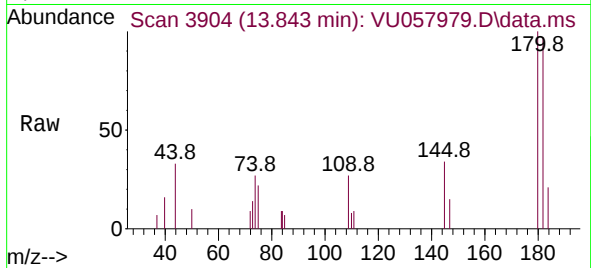
Lab File: VU057979.D

Acq: 01 Mar 2024 15:38

Instrument :

MSVOA_U

ClientSampleId :



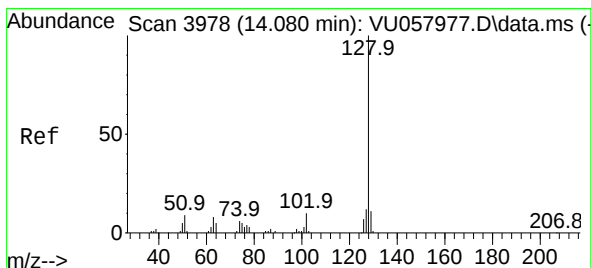
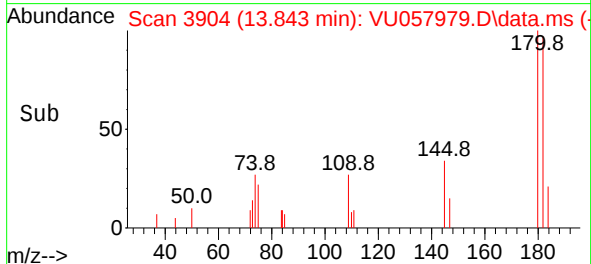
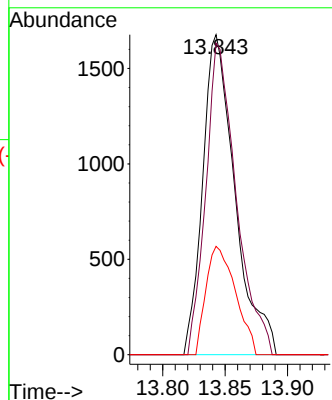
Tgt Ion:180 Resp: 3027

Ion Ratio Lower Upper

180 100

182 91.7 77.9 116.9

145 30.8 25.8 38.8



#71

Naphthalene

Concen: 0.252 ug/L

RT: 14.103 min Scan# 3985

Delta R.T. 0.023 min

Lab File: VU057979.D

Acq: 01 Mar 2024 15:38

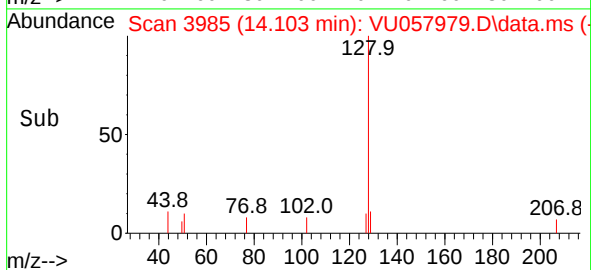
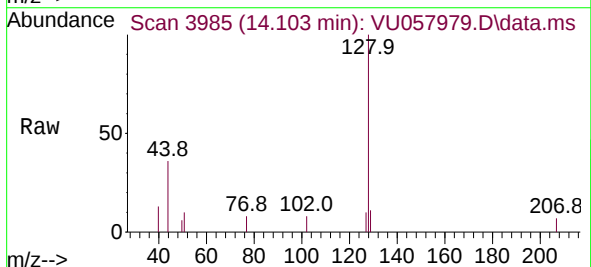
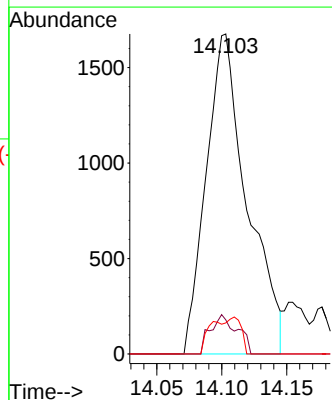
Tgt Ion:128 Resp: 3670

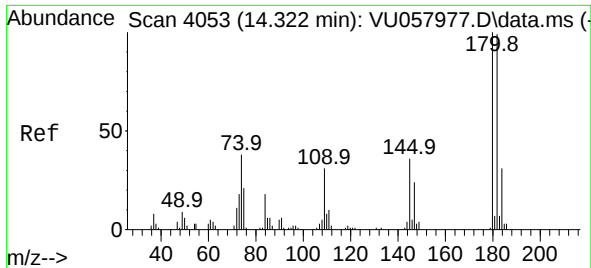
Ion Ratio Lower Upper

128 100

129 8.1 9.0 13.6#

127 4.4 10.6 16.0#





#72

1,2,3-Trichlorobenzene

Concen: 0.248 ug/L

RT: 14.335 min Scan# 4057

Delta R.T. 0.013 min

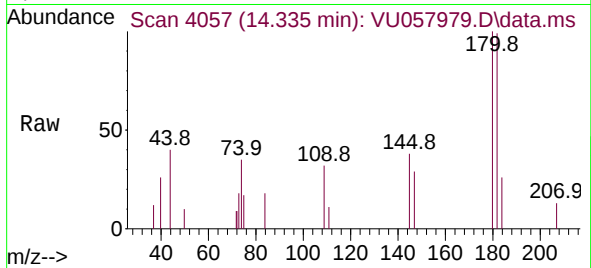
Lab File: VU057979.D

Acq: 01 Mar 2024 15:38

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 2089

Ion Ratio Lower Upper

180 100

182 105.9 77.6 116.4

145 32.8 28.7 43.1

