

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010924\
 Data File : VU057457.D
 Acq On : 09 Jan 2024 22:14
 Operator : MD/SY
 Sample : 01059-02MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 10 00:41:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010824WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 10 00:35:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	259058	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	311428	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	148689	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	59356	33.290	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.580%
7) Chloroethane-d5	1.911	69	51466	37.300	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.600%
11) 1,1-Dichloroethene-d2	2.563	63	149327	39.513	ug/L	0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.020%
21) 2-Butanone-d5	4.631	46	85287	98.715	ug/L	-0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.710%
24) Chloroform-d	5.055	84	177904	42.193	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.380%
26) 1,2-Dichloroethane-d4	5.692	65	121888	43.759	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.520%
32) Benzene-d6	5.721	84	297136	35.544	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.080%
36) 1,2-Dichloropropane-d6	6.682	67	84994	36.022	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	72.040%
41) Toluene-d8	7.891	98	275856	35.213	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	70.420%#
43) trans-1,3-Dichloroprop...	8.174	79	51571	36.619	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.240%
47) 2-Hexanone-d5	8.637	63	65795	85.301	ug/L	-0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.300%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	134090	38.029	ug/L	-0.01
Spiked Amount	50.000	Range	65 - 120	Recovery	=	76.060%
66) 1,2-Dichlorobenzene-d4	12.190	152	112848	38.804	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.600%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	135845	45.965	ug/L	99
3) Chloromethane	1.518	50	86250	46.509	ug/L	98
5) Vinyl chloride	1.605	62	95173	47.939	ug/L	98
6) Bromomethane	1.856	94	59154	45.017	ug/L	99
8) Chloroethane	1.933	64	54927	47.299	ug/L	97
9) Trichlorofluoromethane	2.129	101	198180	47.842	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	92772	46.634	ug/L	97
12) 1,1-Dichloroethene	2.573	96	85765	48.860	ug/L	92
13) Acetone	2.641	43	189967	180.556	ug/L	95
14) Carbon disulfide	2.785	76	254064	46.730	ug/L	99
16) Methylene chloride	3.039	84	93943	47.071	ug/L	99
17) trans-1,2-Dichloroethene	3.345	96	86474	48.154	ug/L	100
18) Methyl tert-butyl Ether	3.354	73	303292	52.764	ug/L	99
19) 1,1-Dichloroethane	3.859	63	173824	52.285	ug/L	99
20) cis-1,2-Dichloroethene	4.657	96	97742	50.882	ug/L	92
22) 2-Butanone	4.708	43	119149	114.932	ug/L	99
23) Bromochloromethane	4.965	128	53995	48.967	ug/L	98
25) Chloroform	5.081	83	198889	49.294	ug/L	99
27) 1,2-Dichloroethane	5.785	62	166594	49.018	ug/L	100

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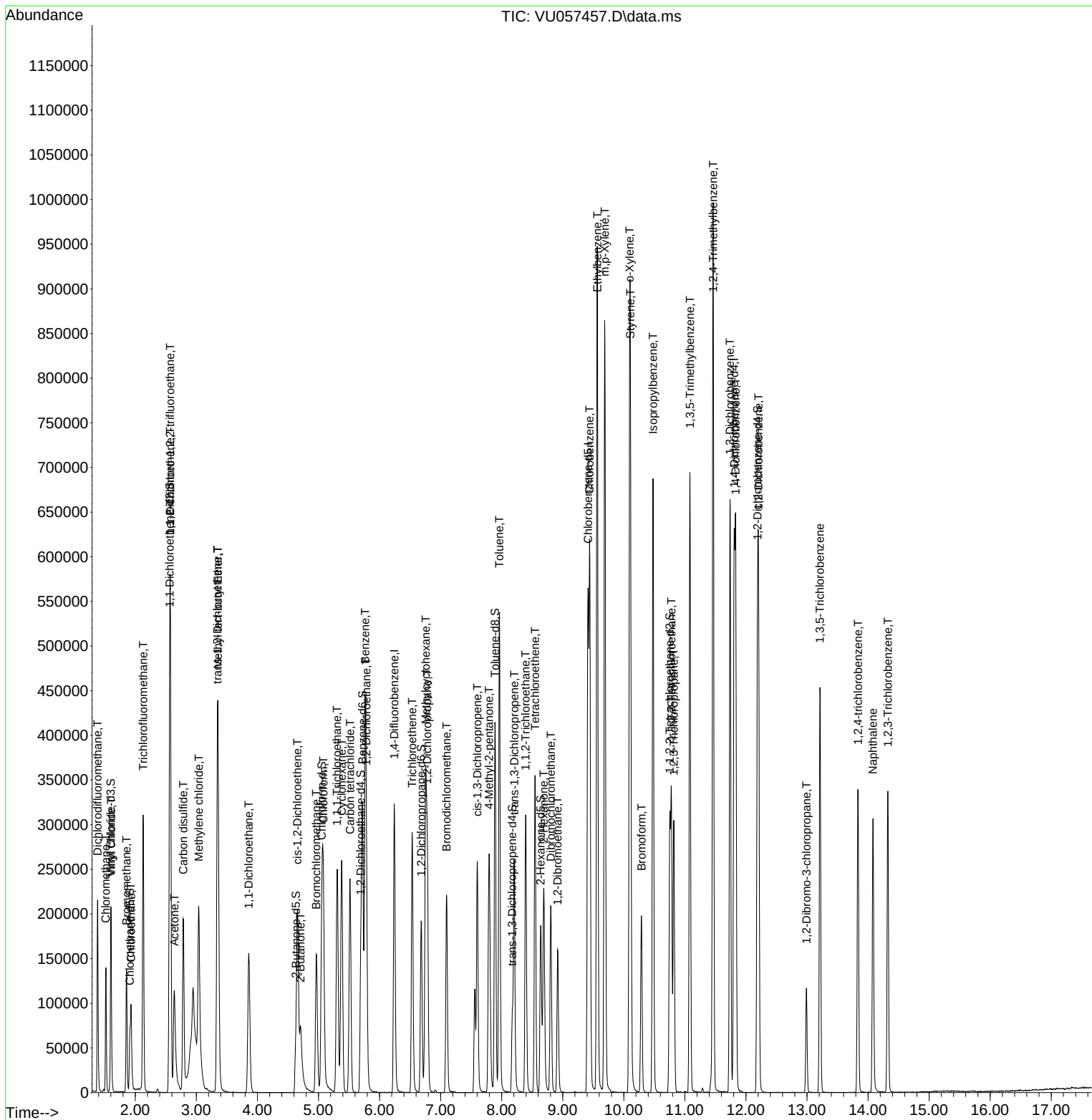
Instrument :
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 ClientSampleId :

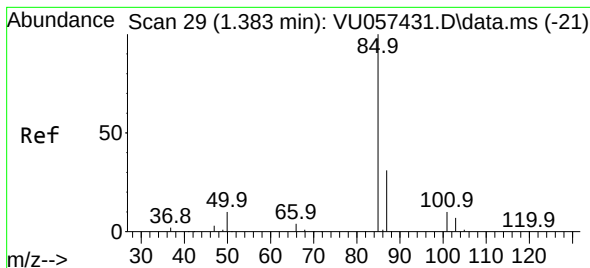
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 Quant Title : VOC Analysis
 QLast Update : Wed Jan 10 00:35:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	5.380	56	122070	41.430	ug/L	100
30) 1,1,1-Trichloroethane	5.306	97	192413	40.157	ug/L	100
31) Carbon tetrachloride	5.518	117	170532	40.127	ug/L	99
33) Benzene	5.766	78	362346	41.402	ug/L	100
34) Trichloroethene	6.534	95	101572	39.751	ug/L	96
35) Methylcyclohexane	6.756	83	140681	40.467	ug/L	100
37) 1,2-Dichloropropane	6.782	63	90063	41.701	ug/L	99
38) Bromodichloromethane	7.100	83	148819	40.676	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	153416	40.566	ug/L	99
40) 4-Methyl-2-pentanone	7.795	43	196757	89.412	ug/L	99
42) Toluene	7.962	91	393346	41.796	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	156878	41.318	ug/L	95
45) 1,1,2-Trichloroethane	8.393	97	98333	41.380	ug/L	97
46) Tetrachloroethene	8.547	164	76716	39.690	ug/L	96
48) 2-Hexanone	8.689	43	149856	84.644	ug/L	98
49) Dibromochloromethane	8.804	129	114867	39.664	ug/L	99
50) 1,2-Dibromoethane	8.917	107	105431	41.826	ug/L	99
51) Chlorobenzene	9.441	112	318990	50.445	ug/L	99
52) Ethylbenzene	9.566	91	673116	64.230	ug/L	100
53) m,p-Xylene	9.688	106	242552	61.915	ug/L	100
54) o-Xylene	10.097	106	162278	42.417	ug/L	98
55) Styrene	10.110	104	283196	43.713	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	147694	41.218	ug/L	98
59) Bromoform	10.290	173	92641	42.970	ug/L	98
60) 1,2,3-Trichloropropane	10.820	75	125125	44.427	ug/L	99
61) Isopropylbenzene	10.479	105	445016	45.701	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	381341	45.792	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	547664	66.993	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	260203	56.701	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	233721	49.615	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	197368	42.670	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	31368	41.711	ug/L	94
69) 1,3,5-Trichlorobenzene	13.212	180	134952	41.082	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	103235	41.278	ug/L	98
71) Naphthalene	14.081	128	243744	41.710	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	100337	42.423	ug/L	99

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

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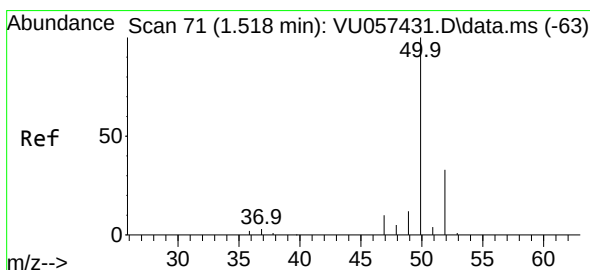
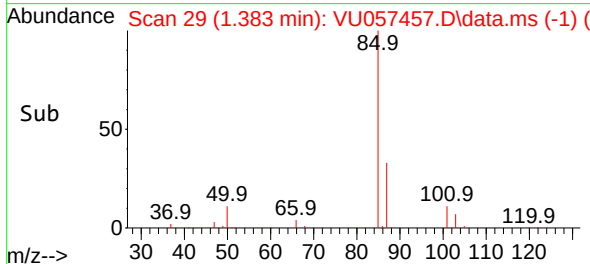
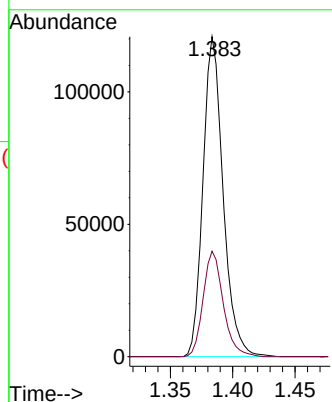
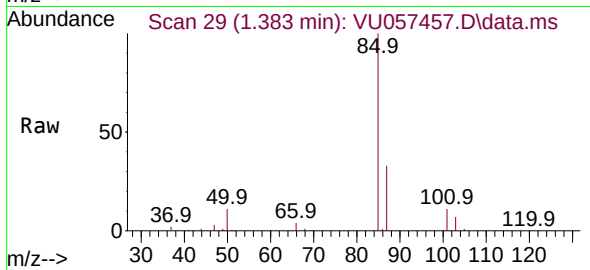




#2
 Dichlorodifluoromethane
 Concen: 45.965 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU057457.D
 Acq: 09 Jan 2024 22:14

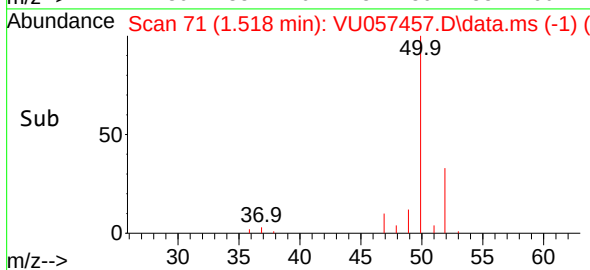
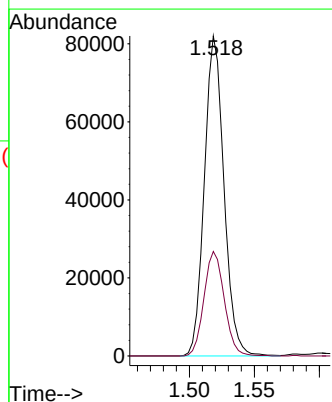
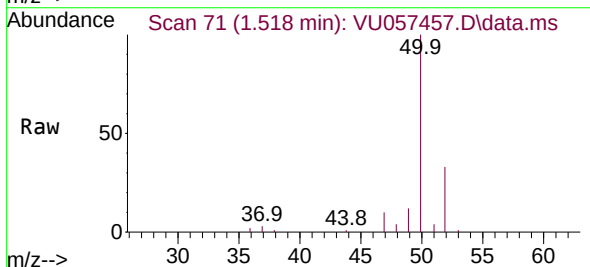
Instrument :
 MSVOA_U
 ClientSampleId :

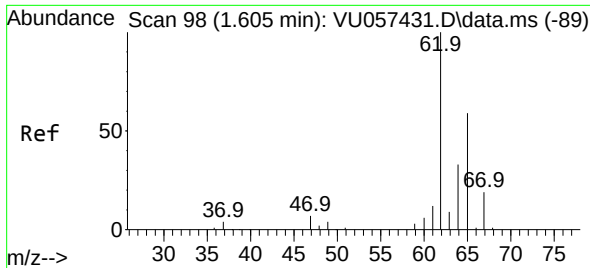
Tgt Ion: 85 Resp: 135845
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.8 38.6



#3
 Chloromethane
 Concen: 46.509 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU057457.D
 Acq: 09 Jan 2024 22:14

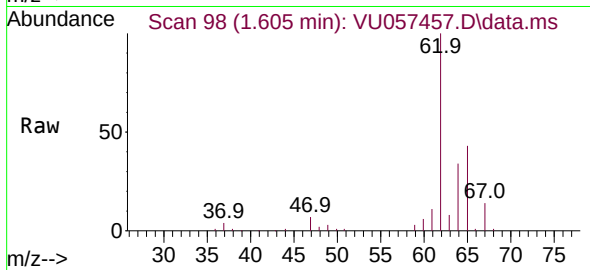
Tgt Ion: 50 Resp: 86250
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.7 43.9



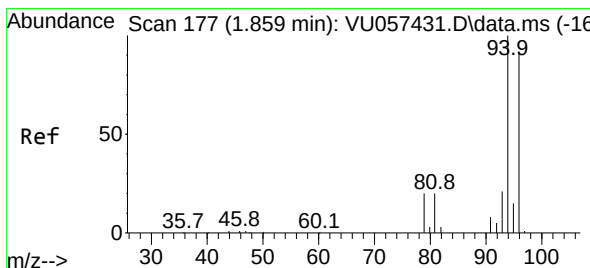
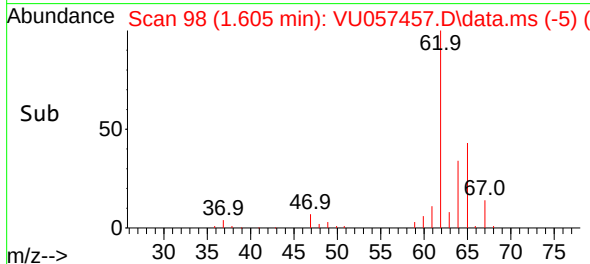
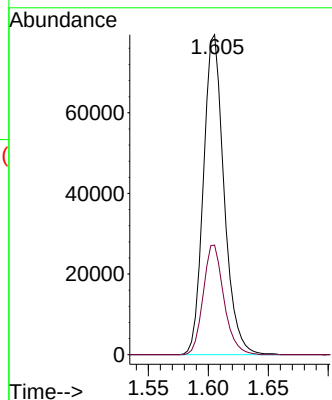


#5
 Vinyl chloride
 Concen: 47.939 ug/L
 RT: 1.605 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU057457.D
 Acq: 09 Jan 2024 22:14

Instrument :
 MSVOA_U
 ClientSampleId :

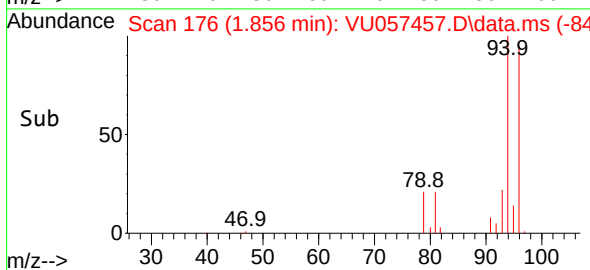
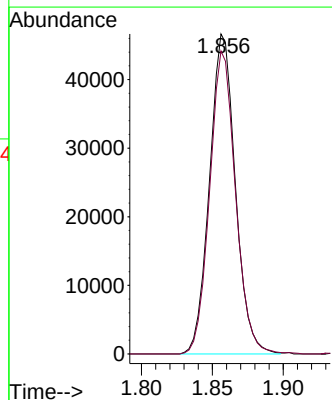
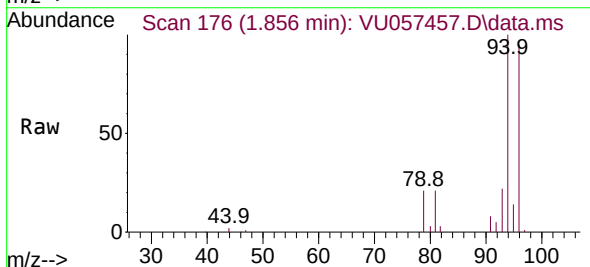


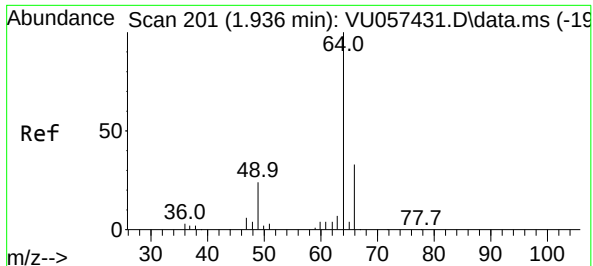
Tgt Ion: 62 Resp: 95173
 Ion Ratio Lower Upper
 62 100
 64 34.2 23.3 43.3



#6
 Bromomethane
 Concen: 45.017 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. -0.003 min
 Lab File: VU057457.D
 Acq: 09 Jan 2024 22:14

Tgt Ion: 94 Resp: 59154
 Ion Ratio Lower Upper
 94 100
 96 94.7 65.9 122.5





#8

Chloroethane

Concen: 47.299 ug/L

RT: 1.933 min Scan# 201

Delta R.T. -0.003 min

Lab File: VU057457.D

Acq: 09 Jan 2024 22:14

Instrument :

MSVOA_U

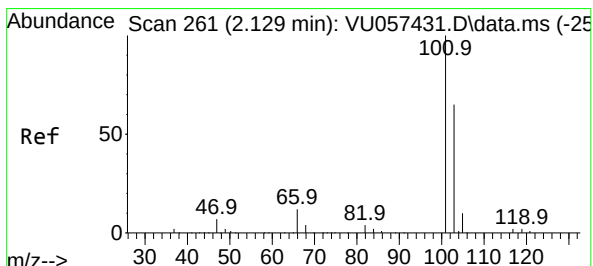
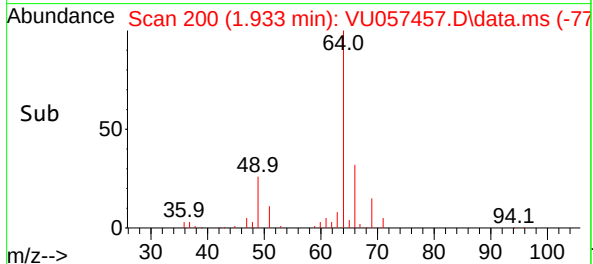
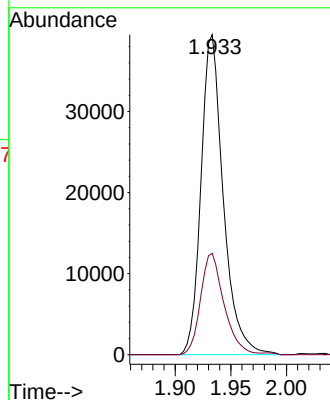
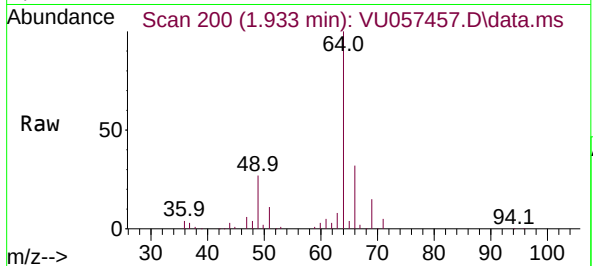
ClientSampleId :

Tgt Ion: 64 Resp: 54927

Ion Ratio Lower Upper

64 100

66 31.6 20.9 38.9



#9

Trichlorofluoromethane

Concen: 47.842 ug/L

RT: 2.129 min Scan# 261

Delta R.T. 0.000 min

Lab File: VU057457.D

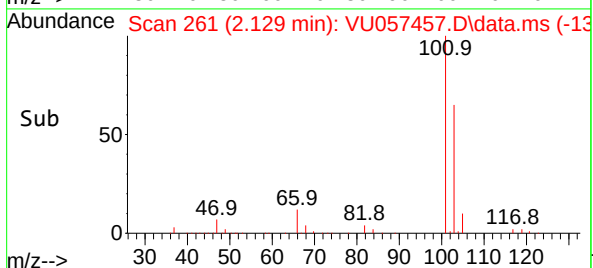
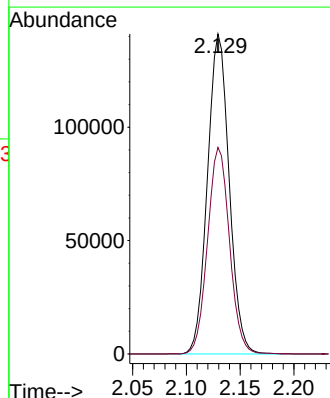
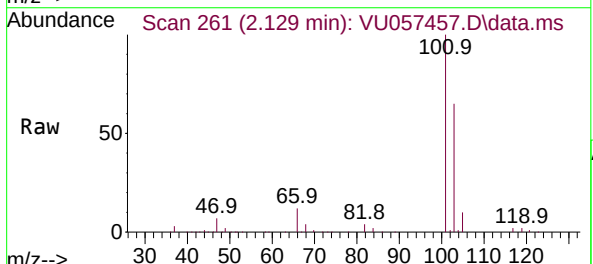
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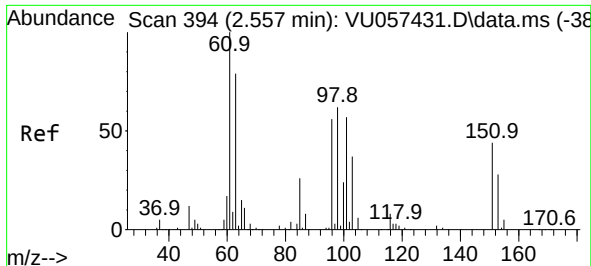
Tgt Ion:101 Resp: 198180

Ion Ratio Lower Upper

101 100

103 65.2 53.4 80.0

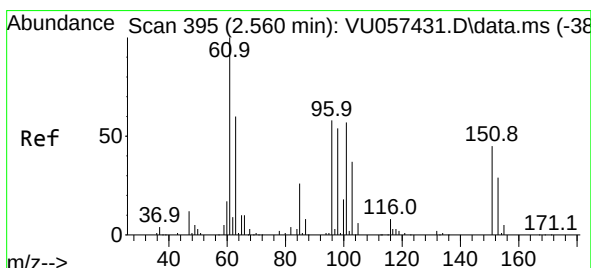
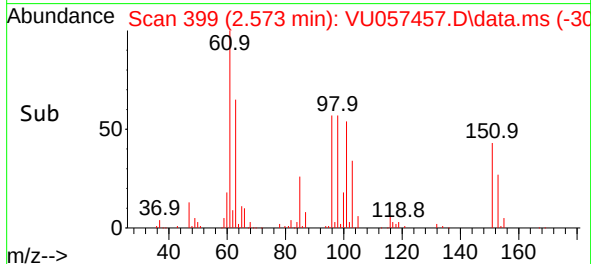
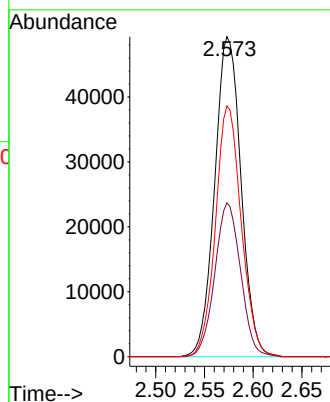
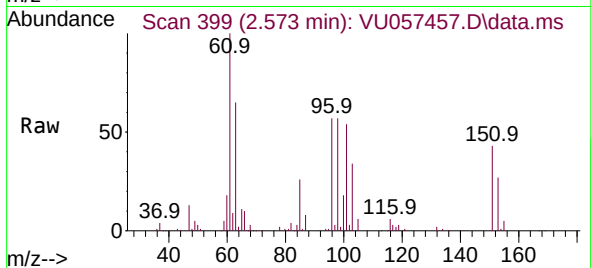




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 46.634 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.016 min
 Lab File: VU057457.D
 Acq: 09 Jan 2024 22:14

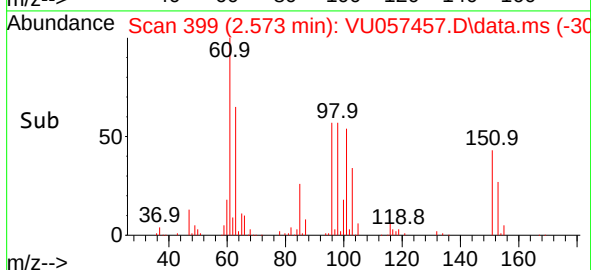
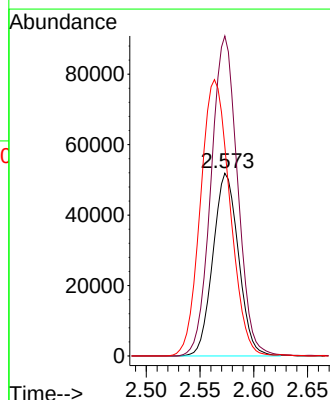
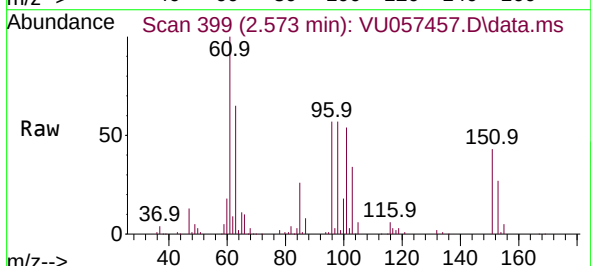
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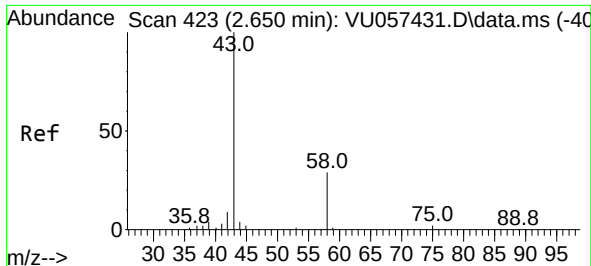
Tgt Ion:101 Resp: 92772
 Ion Ratio Lower Upper
 101 100
 85 46.9 37.0 55.4
 151 76.7 63.7 95.5



#12
 1,1-Dichloroethene
 Concen: 48.860 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.013 min
 Lab File: VU057457.D
 Acq: 09 Jan 2024 22:14

Tgt Ion: 96 Resp: 85765
 Ion Ratio Lower Upper
 96 100
 61 175.2 128.3 238.3
 63 114.7 90.4 168.0





#13

Acetone

Concen: 180.556 ug/L

RT: 2.641 min Scan# 41

Delta R.T. -0.009 min

Lab File: VU057457.D

Acq: 09 Jan 2024 22:14

Instrument :

MSVOA_U

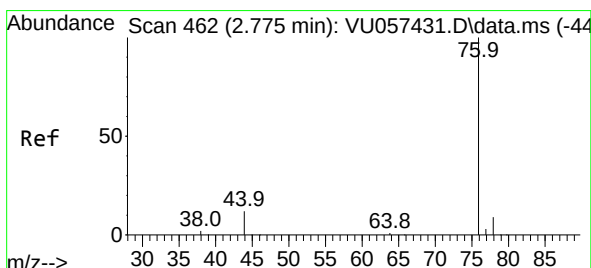
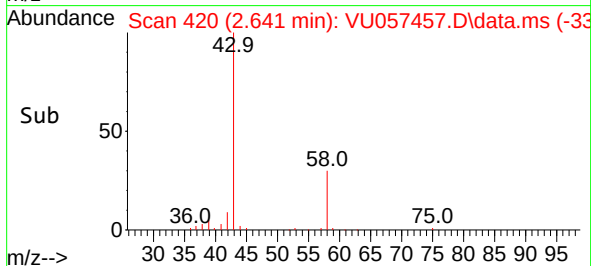
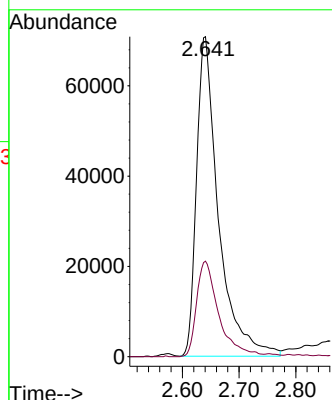
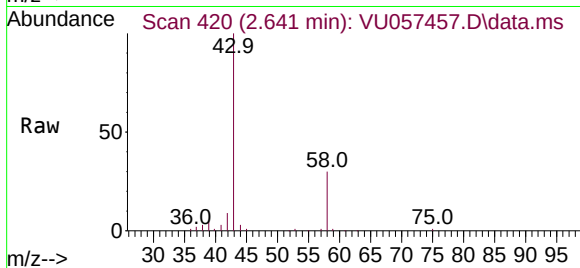
ClientSampleId :

Tgt Ion: 43 Resp: 189967

Ion Ratio Lower Upper

43 100

58 29.8 0.0 65.2



#14

Carbon disulfide

Concen: 46.730 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.010 min

Lab File: VU057457.D

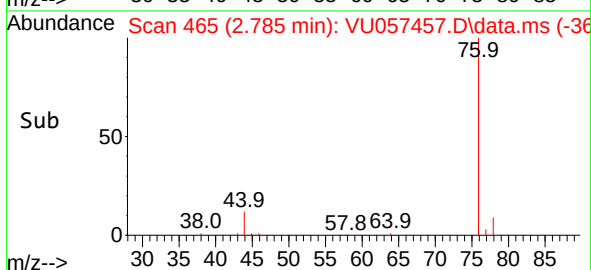
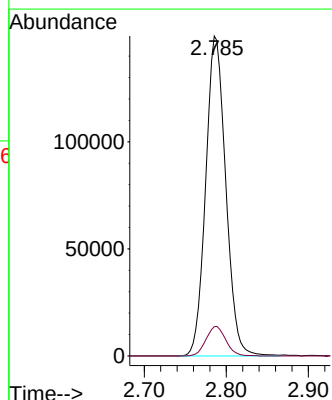
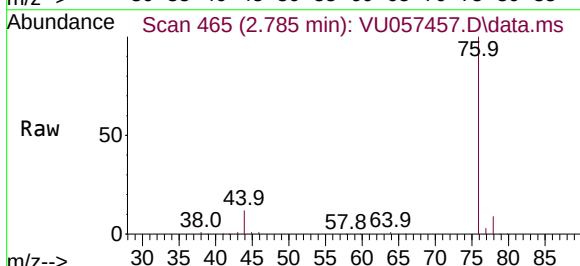
Acq: 09 Jan 2024 22:14

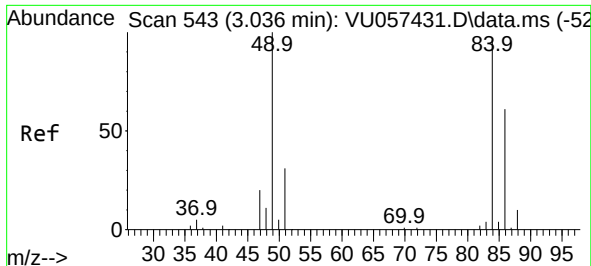
Tgt Ion: 76 Resp: 254064

Ion Ratio Lower Upper

76 100

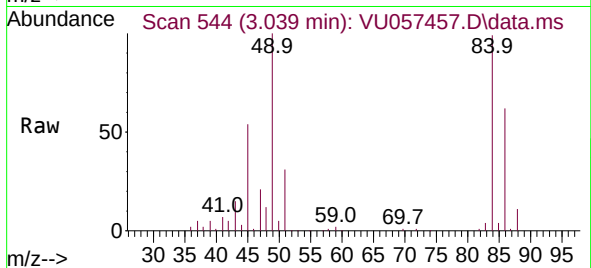
78 9.2 7.5 11.3



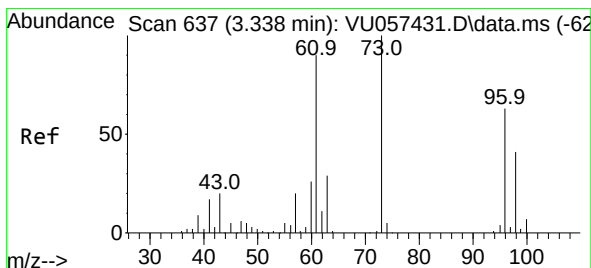
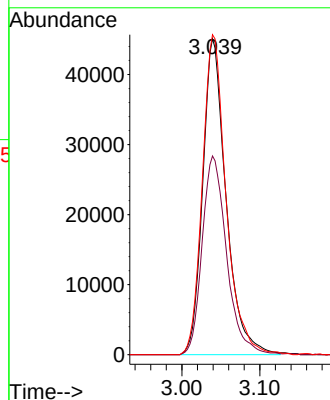
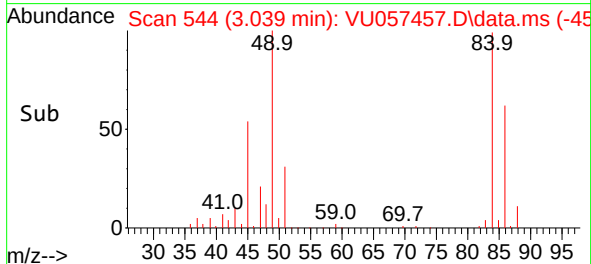


#16
Methylene chloride
Concen: 47.071 ug/L
RT: 3.039 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU057457.D
Acq: 09 Jan 2024 22:14

Instrument :
MSVOA_U
ClientSampleId :

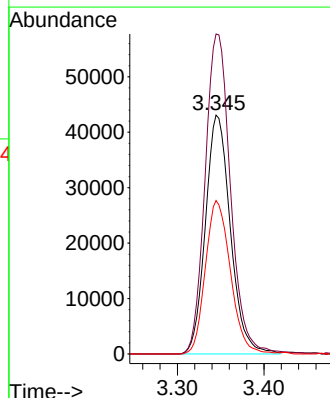
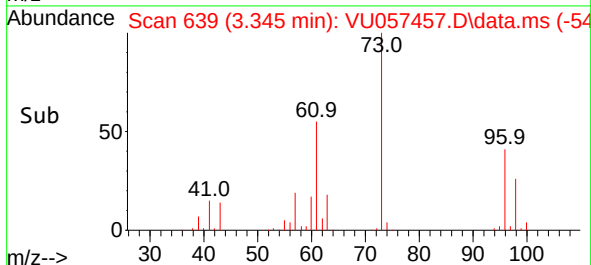
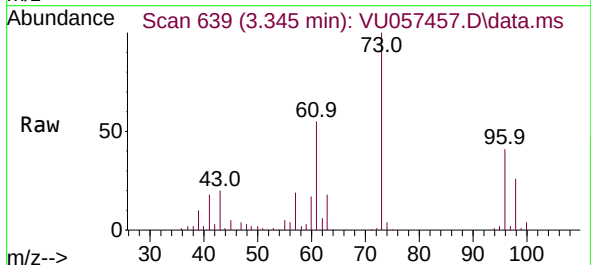


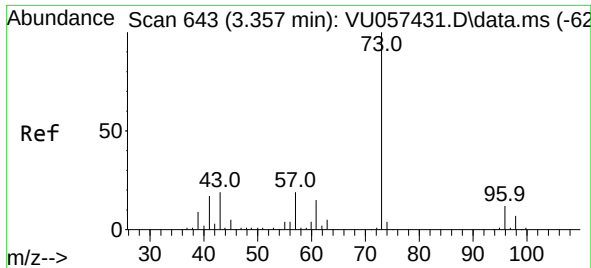
Tgt Ion: 84 Resp: 93943
Ion Ratio Lower Upper
84 100
86 62.9 44.3 82.3
49 101.2 72.2 134.2



#17
trans-1,2-Dichloroethene
Concen: 48.154 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.007 min
Lab File: VU057457.D
Acq: 09 Jan 2024 22:14

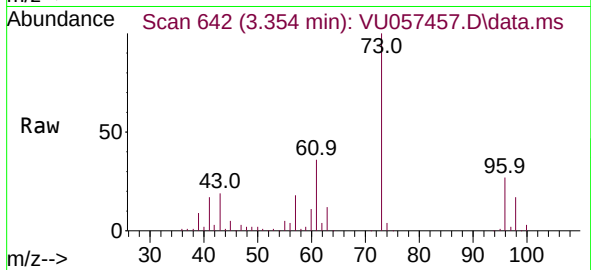
Tgt Ion: 96 Resp: 86474
Ion Ratio Lower Upper
96 100
61 134.0 93.9 174.5
98 64.2 44.8 83.2





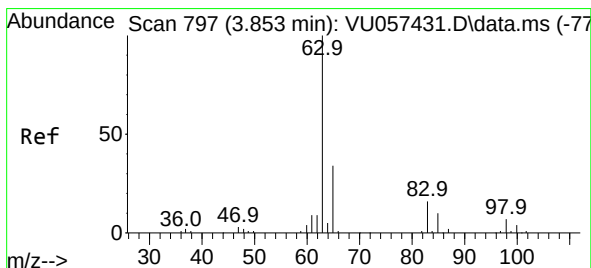
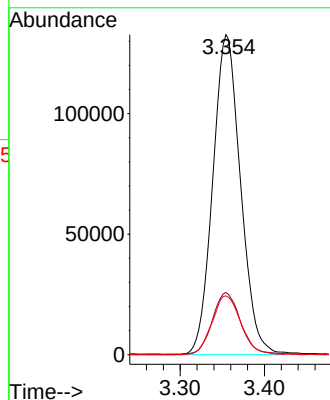
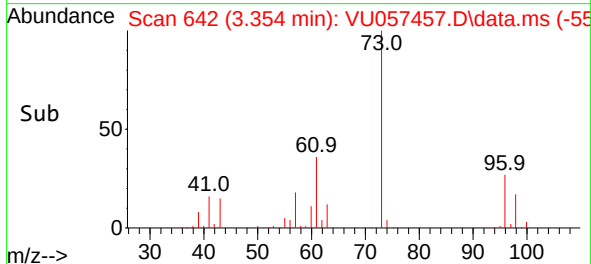
#18
Methyl tert-butyl Ether
Concen: 52.764 ug/L
RT: 3.354 min Scan# 643
Delta R.T. -0.003 min
Lab File: VU057457.D
Acq: 09 Jan 2024 22:14

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 73 Resp: 303292

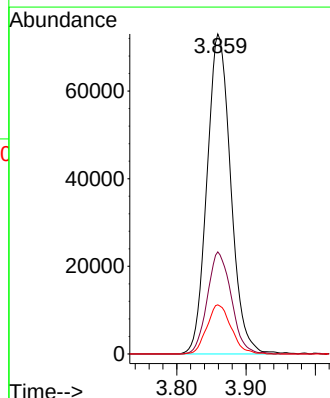
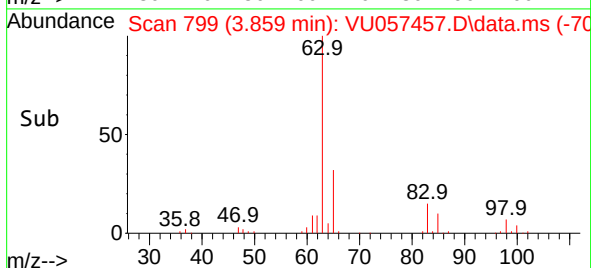
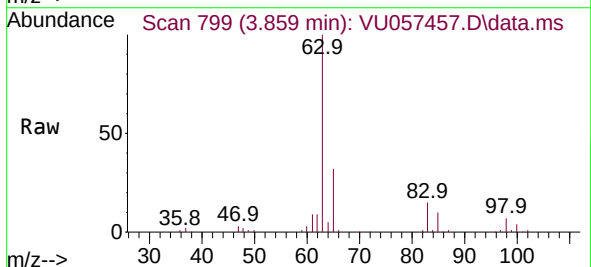
Ion	Ratio	Lower	Upper
73	100		
43	19.5	16.3	24.5
57	19.1	15.0	22.6

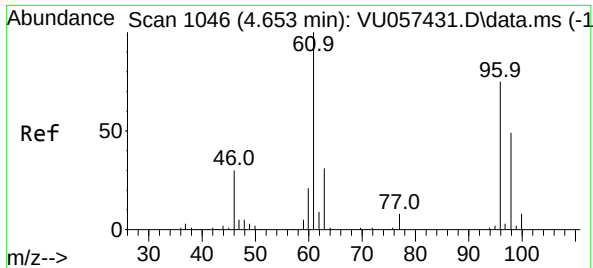


#19
1,1-Dichloroethane
Concen: 52.285 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.007 min
Lab File: VU057457.D
Acq: 09 Jan 2024 22:14

Tgt Ion: 63 Resp: 173824

Ion	Ratio	Lower	Upper
63	100		
65	31.9	22.4	41.6
83	15.3	11.3	21.1

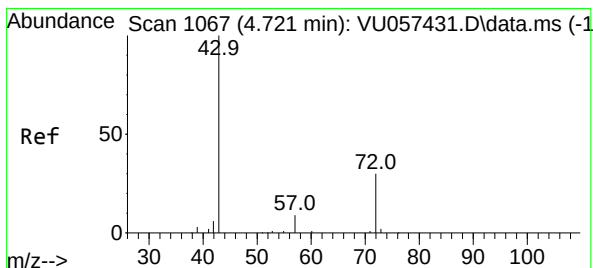
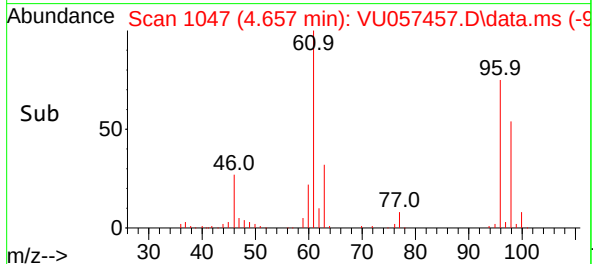
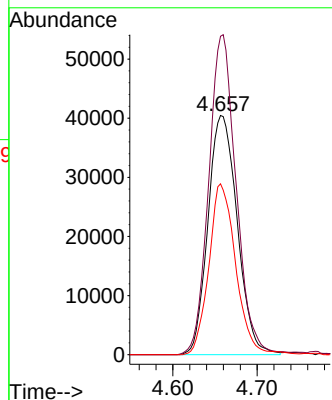
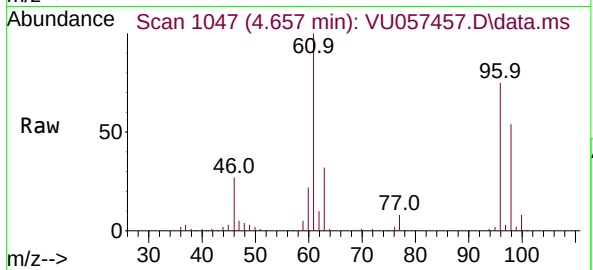




#20
cis-1,2-Dichloroethene
Concen: 50.882 ug/L
RT: 4.657 min Scan# 1046
Delta R.T. 0.003 min
Lab File: VU057457.D
Acq: 09 Jan 2024 22:14

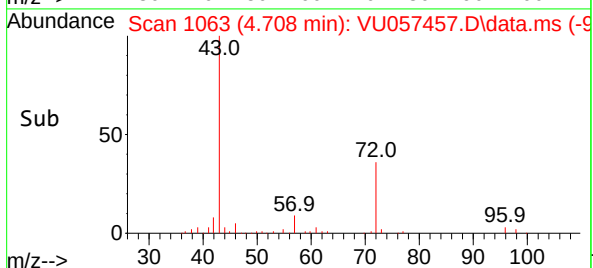
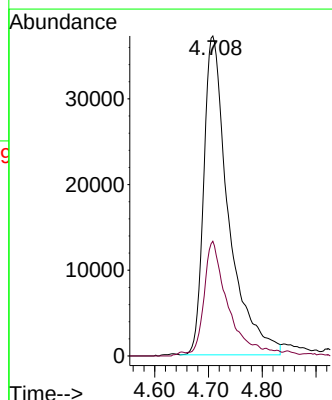
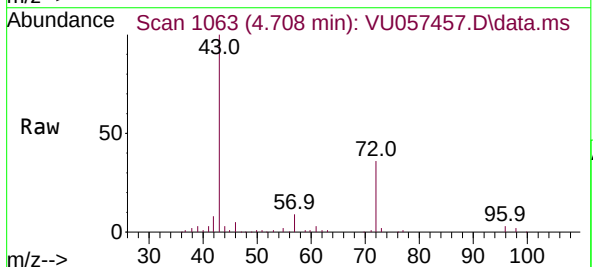
Instrument :
MSVOA_U
ClientSampleId :

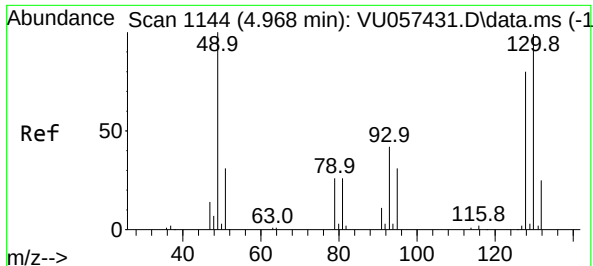
Tgt Ion: 96 Resp: 97742
Ion Ratio Lower Upper
96 100
61 133.1 88.0 163.4
98 71.5 43.4 80.6



#22
2-Butanone
Concen: 114.932 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. -0.013 min
Lab File: VU057457.D
Acq: 09 Jan 2024 22:14

Tgt Ion: 43 Resp: 119149
Ion Ratio Lower Upper
43 100
72 30.9 15.2 45.6





#23

Bromochloromethane

Concen: 48.967 ug/L

RT: 4.965 min Scan# 1143

Delta R.T. -0.003 min

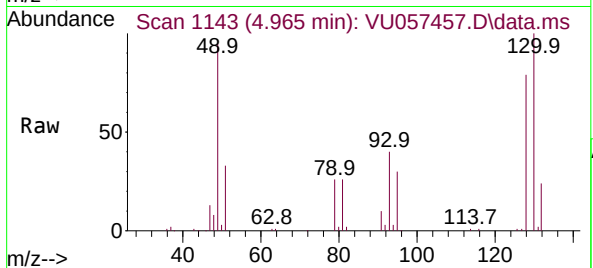
Lab File: VU057457.D

Acq: 09 Jan 2024 22:14

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:128 Resp: 53995

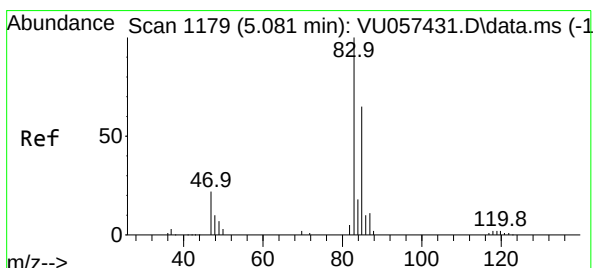
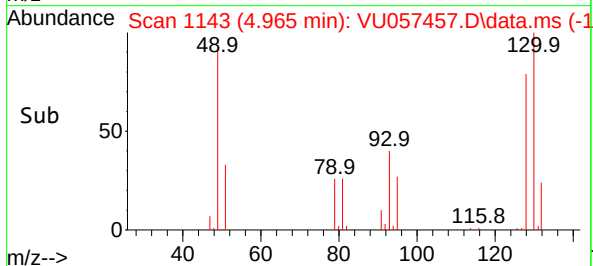
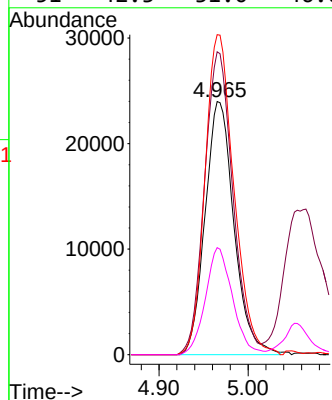
Ion Ratio Lower Upper

128 100

49 119.6 83.4 154.8

130 126.4 87.6 162.6

51 42.3 31.0 46.6



#25

Chloroform

Concen: 49.294 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VU057457.D

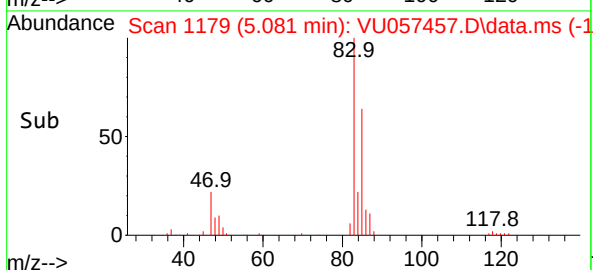
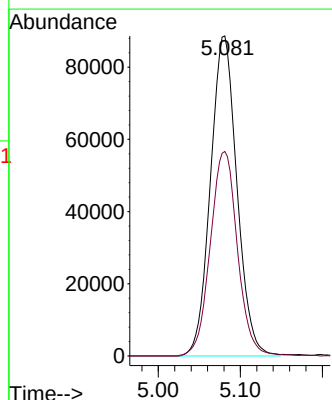
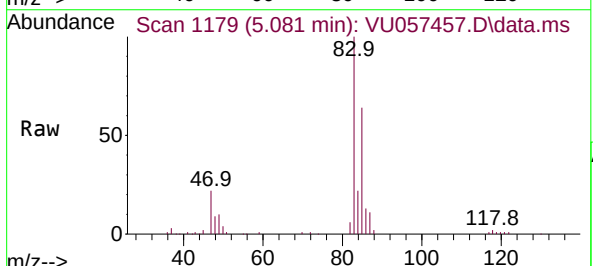
Acq: 09 Jan 2024 22:14

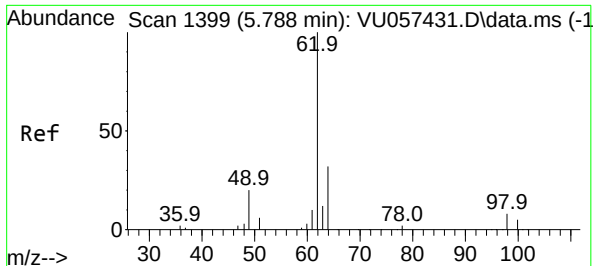
Tgt Ion: 83 Resp: 198889

Ion Ratio Lower Upper

83 100

85 63.9 45.5 84.5





#27

1,2-Dichloroethane

Concen: 49.018 ug/L

RT: 5.785 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU057457.D

Acq: 09 Jan 2024 22:14

Instrument :

MSVOA_U

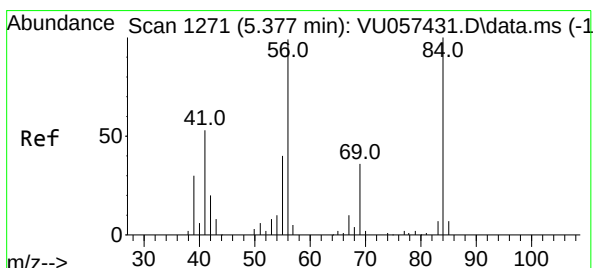
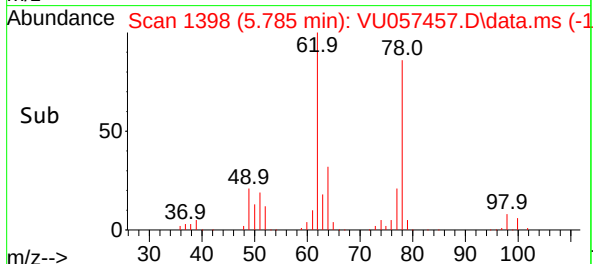
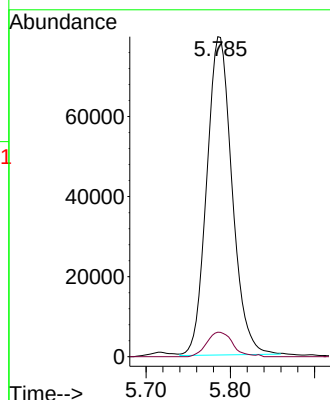
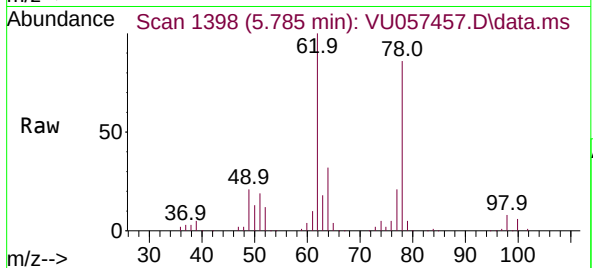
ClientSampleId :

Tgt Ion: 62 Resp: 166594

Ion Ratio Lower Upper

62 100

98 7.7 6.1 9.1



#29

Cyclohexane

Concen: 41.430 ug/L

RT: 5.380 min Scan# 1272

Delta R.T. 0.003 min

Lab File: VU057457.D

Acq: 09 Jan 2024 22:14

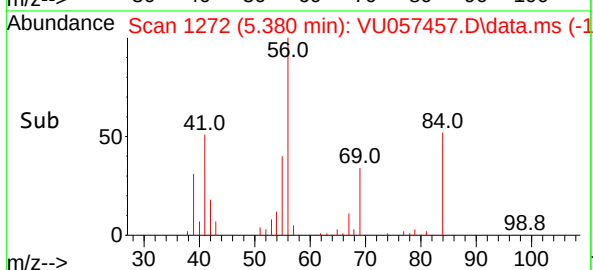
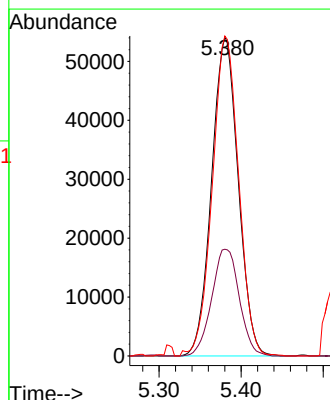
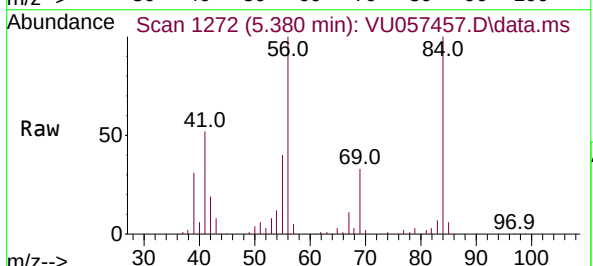
Tgt Ion: 56 Resp: 122070

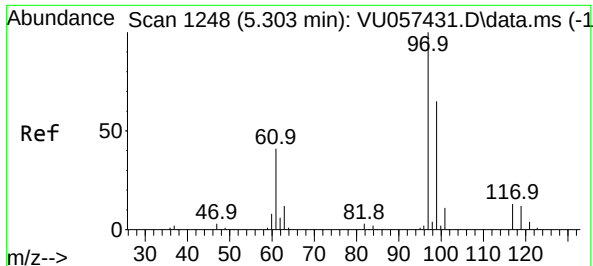
Ion Ratio Lower Upper

56 100

69 34.7 27.8 41.8

84 98.9 79.3 118.9





#30

1,1,1-Trichloroethane

Concen: 40.157 ug/L

RT: 5.306 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU057457.D

Acq: 09 Jan 2024 22:14

Instrument :

MSVOA_U

ClientSampleId :

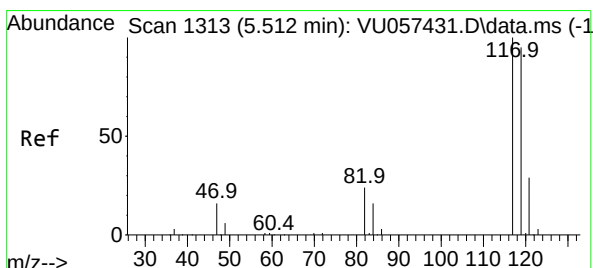
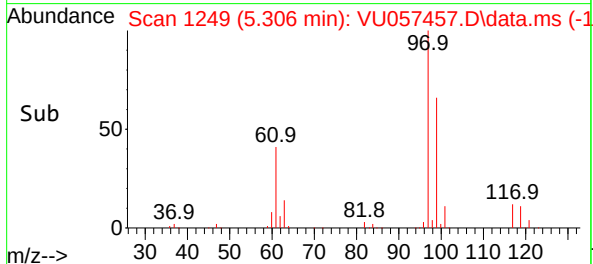
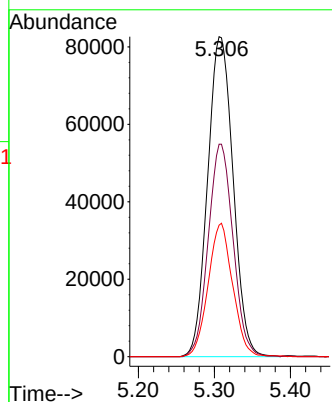
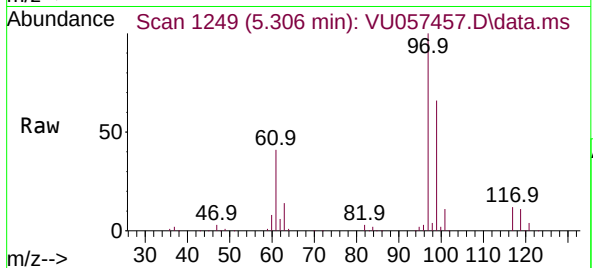
Tgt Ion: 97 Resp: 192413

Ion Ratio Lower Upper

97 100

99 64.6 52.1 78.1

61 40.0 31.9 47.9



#31

Carbon tetrachloride

Concen: 40.127 ug/L

RT: 5.518 min Scan# 1315

Delta R.T. 0.007 min

Lab File: VU057457.D

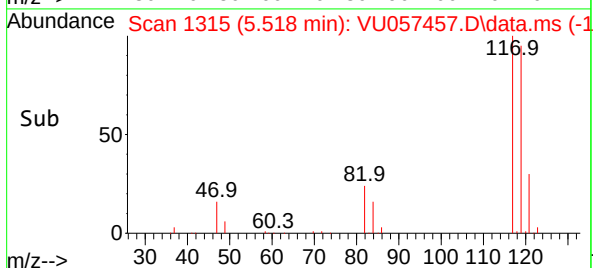
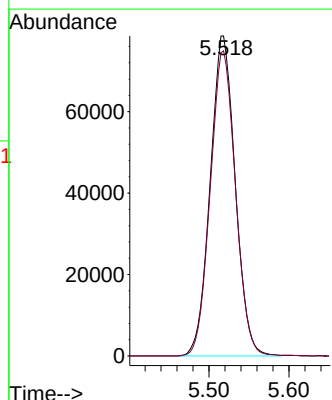
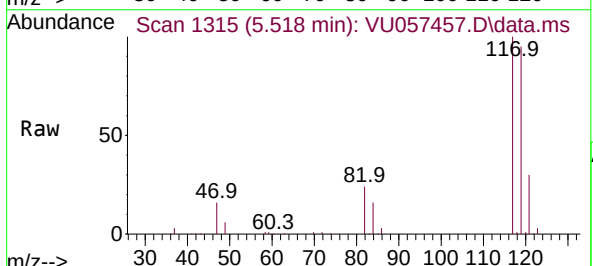
Acq: 09 Jan 2024 22:14

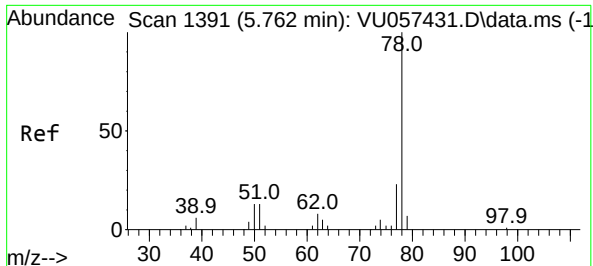
Tgt Ion: 117 Resp: 170532

Ion Ratio Lower Upper

117 100

119 96.1 76.5 114.7

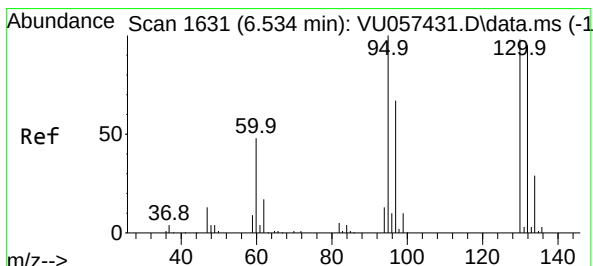
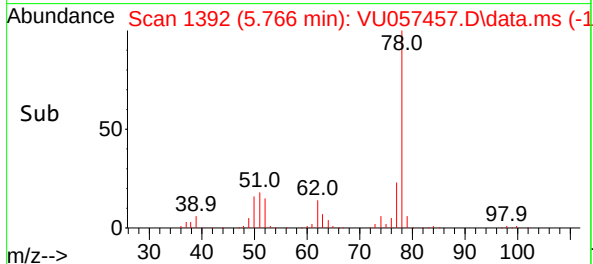
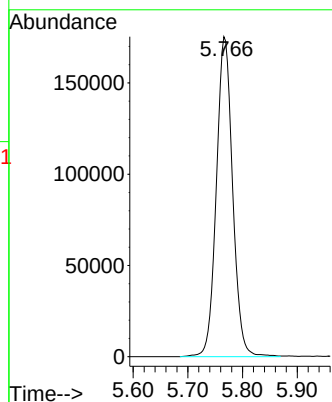
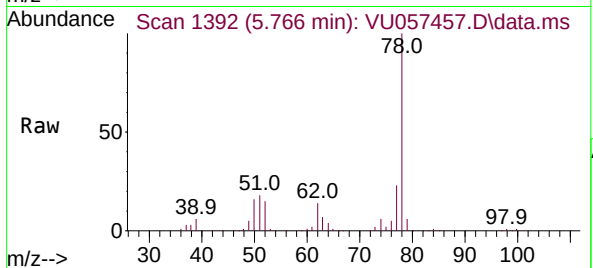




#33
Benzene
Concen: 41.402 ug/L
RT: 5.766 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU057457.D
Acq: 09 Jan 2024 22:14

Instrument :
MSVOA_U
ClientSampleId :

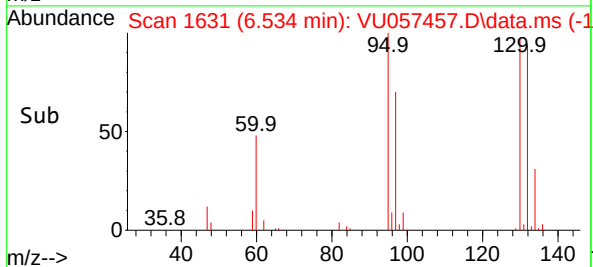
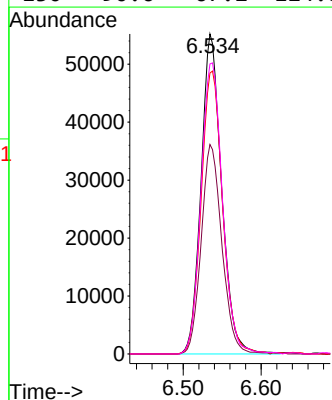
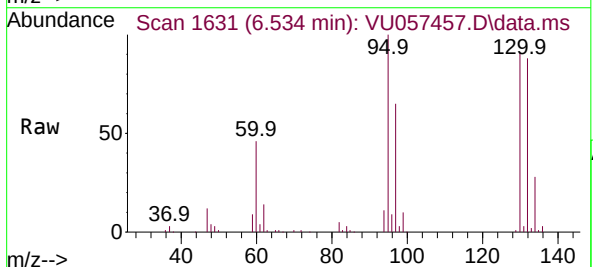
Tgt Ion: 78 Resp: 362346

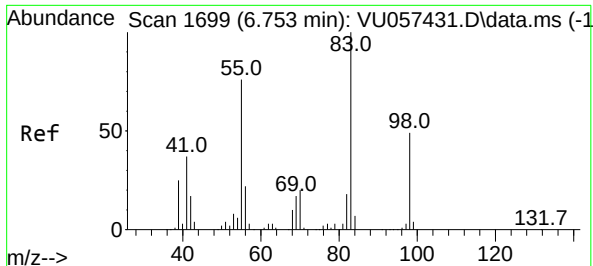


#34
Trichloroethene
Concen: 39.751 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU057457.D
Acq: 09 Jan 2024 22:14

Tgt Ion: 95 Resp: 101572

Ion	Ratio	Lower	Upper
95	100		
97	65.5	46.2	85.8
132	87.8	64.3	119.5
130	90.6	67.2	124.8

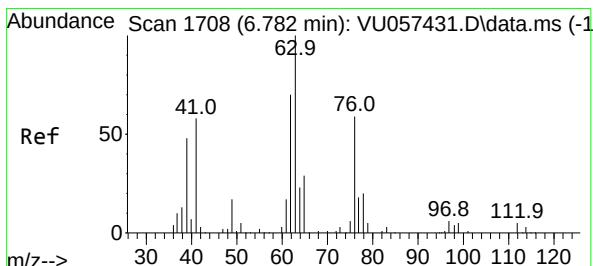
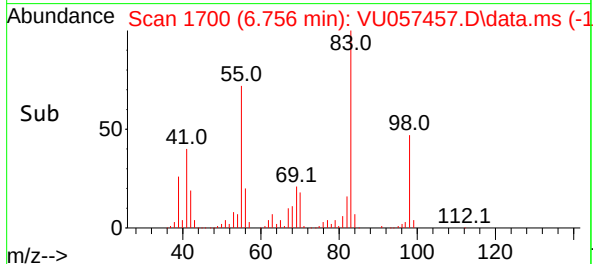
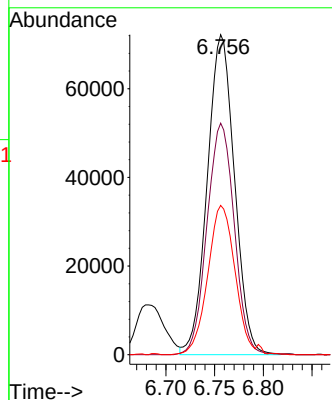
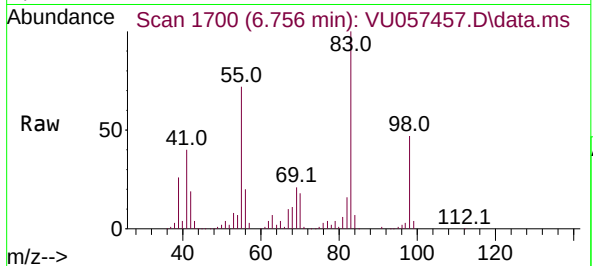




#35
Methylcyclohexane
Concen: 40.467 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.003 min
Lab File: VU057457.D
Acq: 09 Jan 2024 22:14

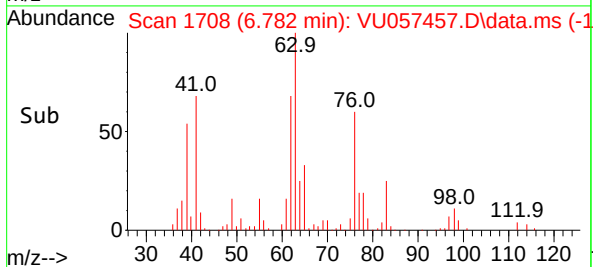
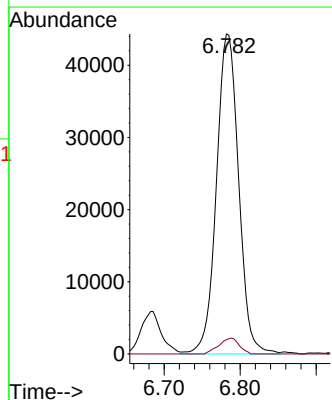
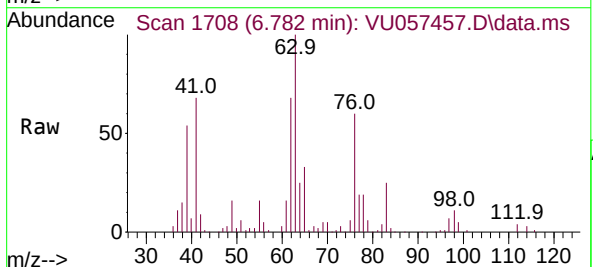
Instrument :
MSVOA_U
ClientSampleId :

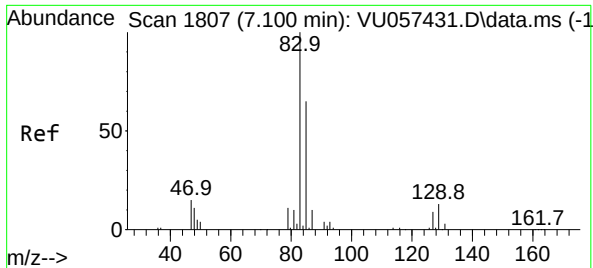
Tgt Ion: 83 Resp: 140681
Ion Ratio Lower Upper
83 100
55 72.4 58.0 87.0
98 46.4 36.6 55.0



#37
1,2-Dichloropropane
Concen: 41.701 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VU057457.D
Acq: 09 Jan 2024 22:14

Tgt Ion: 63 Resp: 90063
Ion Ratio Lower Upper
63 100
112 4.5 3.8 5.8

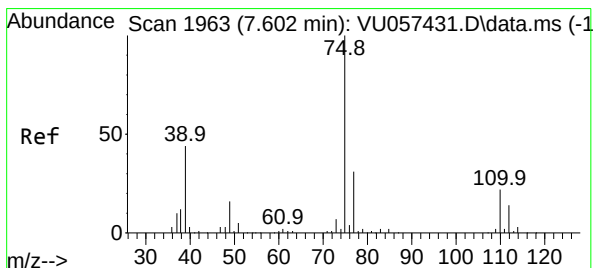
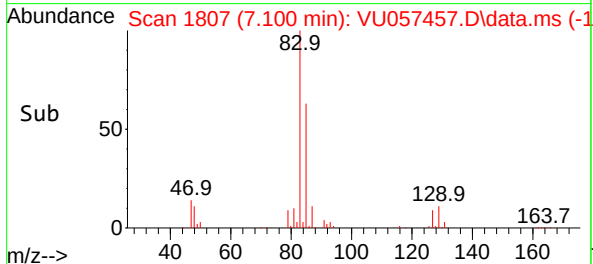
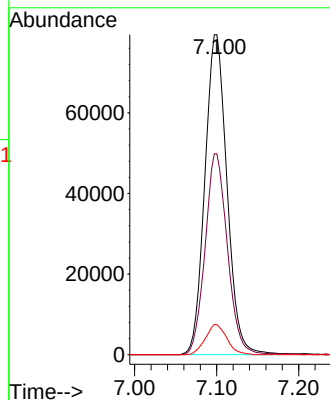
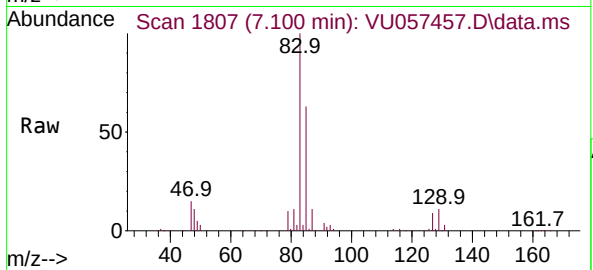




#38
Bromodichloromethane
Concen: 40.676 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU057457.D
Acq: 09 Jan 2024 22:14

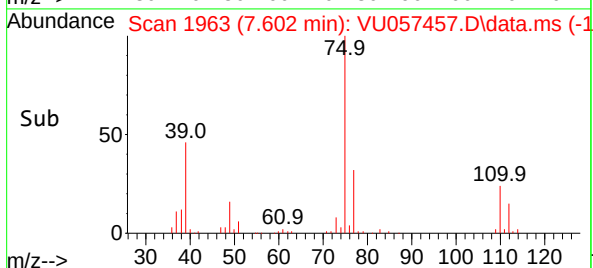
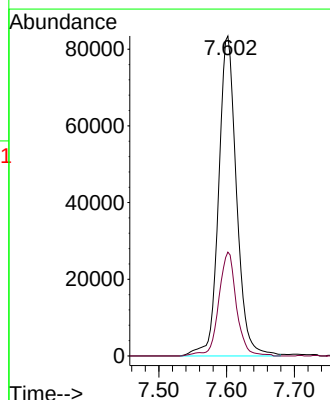
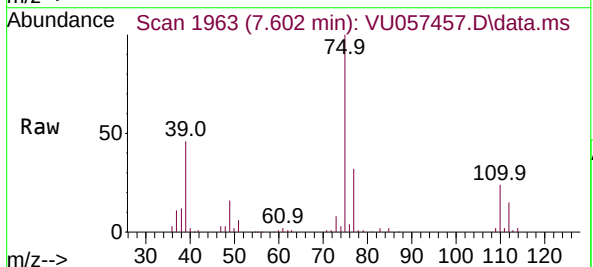
Instrument :
MSVOA_U
ClientSampleId :

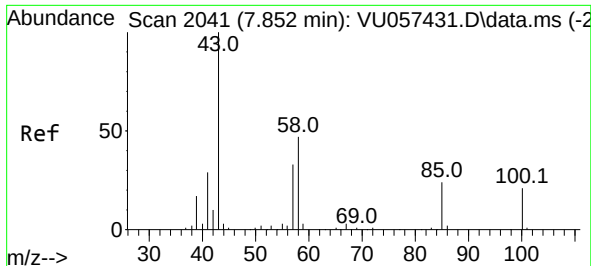
Tgt Ion: 83 Resp: 148819
Ion Ratio Lower Upper
83 100
85 62.8 44.7 83.1
127 9.4 7.7 11.5



#39
cis-1,3-Dichloropropene
Concen: 40.566 ug/L
RT: 7.602 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VU057457.D
Acq: 09 Jan 2024 22:14

Tgt Ion: 75 Resp: 153416
Ion Ratio Lower Upper
75 100
77 32.5 22.2 41.2





#40

4-Methyl-2-pentanone

Concen: 89.412 ug/L

RT: 7.795 min Scan# 2041

Delta R.T. -0.058 min

Lab File: VU057457.D

Acq: 09 Jan 2024 22:14

Instrument :

MSVOA_U

ClientSampleId :

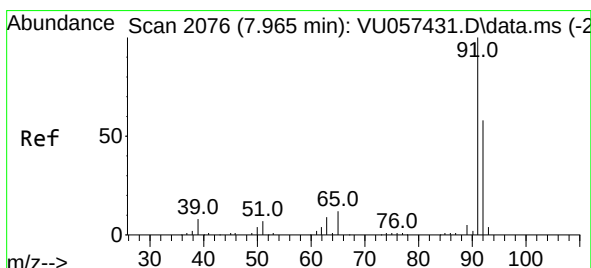
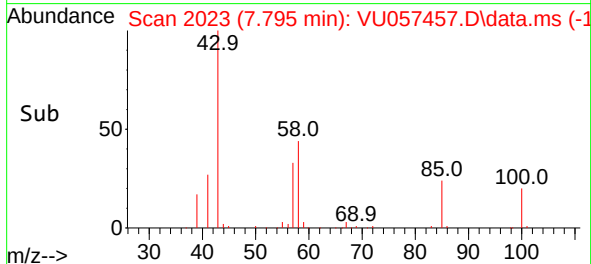
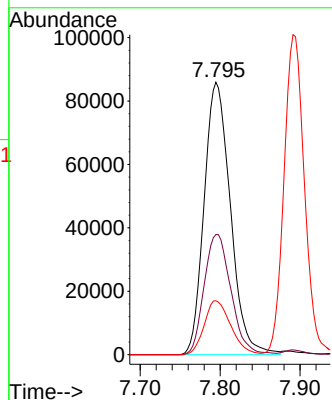
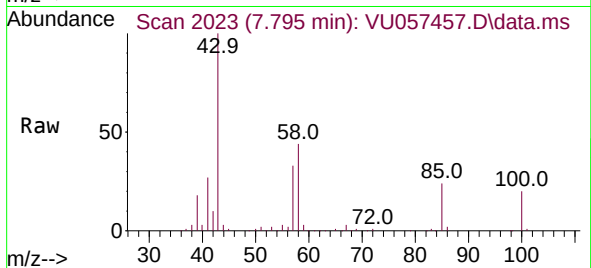
Tgt Ion: 43 Resp: 196757

Ion Ratio Lower Upper

43 100

58 44.9 36.2 54.4

100 20.0 16.6 24.8



#42

Toluene

Concen: 41.796 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.003 min

Lab File: VU057457.D

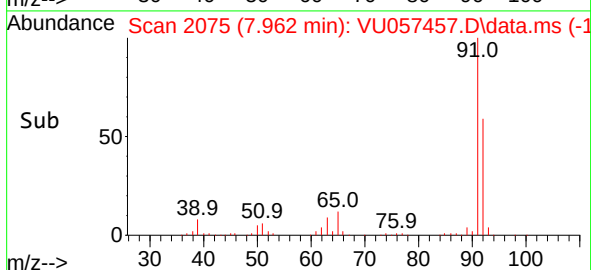
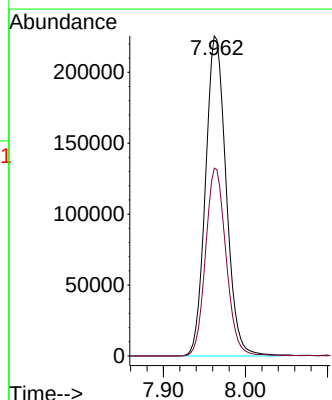
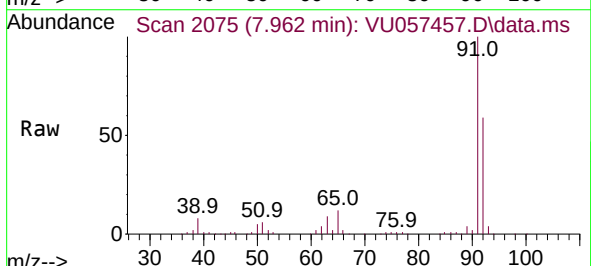
Acq: 09 Jan 2024 22:14

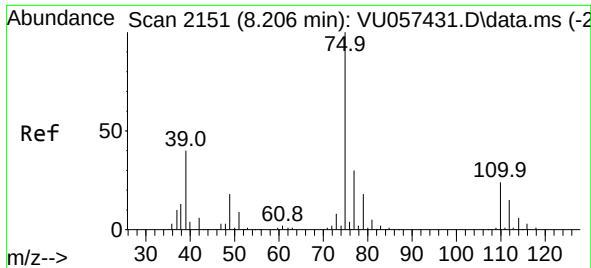
Tgt Ion: 91 Resp: 393346

Ion Ratio Lower Upper

91 100

92 58.7 40.3 74.9

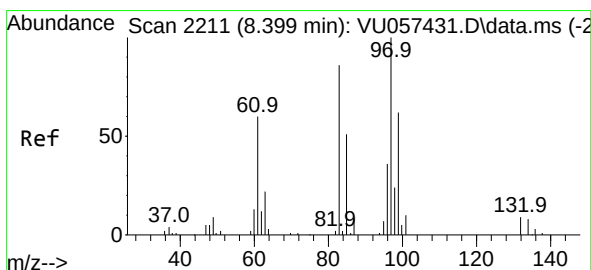
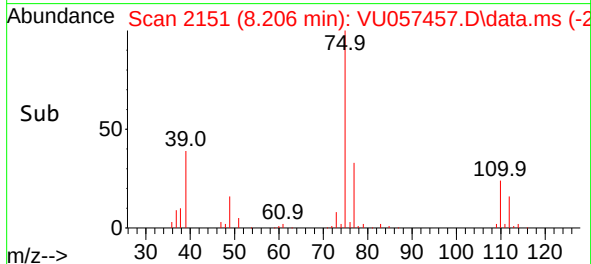
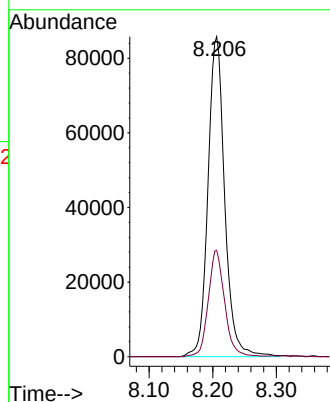
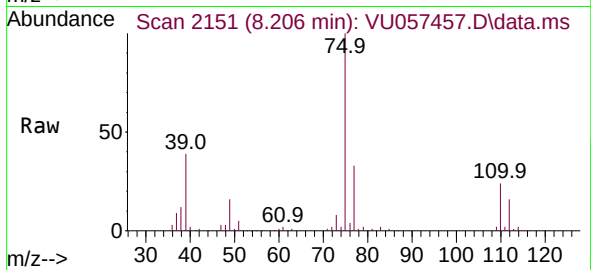




#44
trans-1,3-Dichloropropene
Concen: 41.318 ug/L
RT: 8.206 min Scan# 2151
Delta R.T. 0.000 min
Lab File: VU057457.D
Acq: 09 Jan 2024 22:14

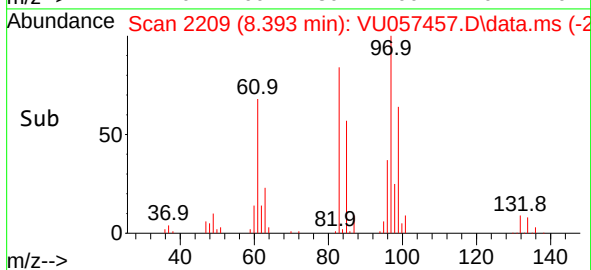
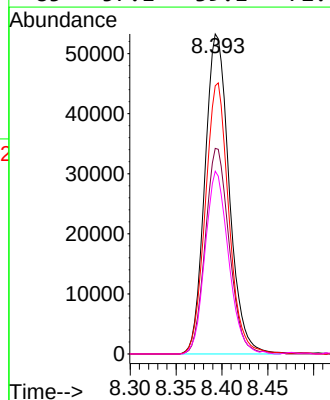
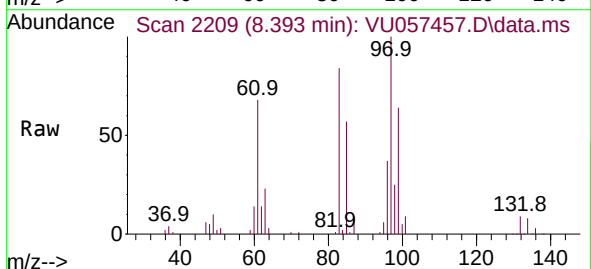
Instrument :
MSVOA_U
ClientSampleId :

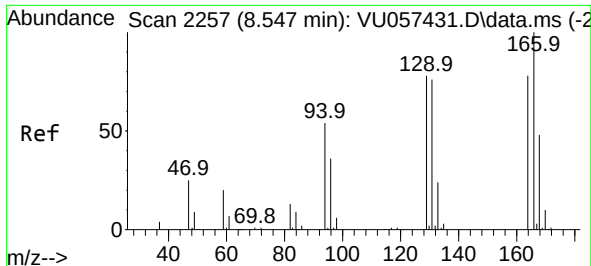
Tgt Ion: 75 Resp: 156878
Ion Ratio Lower Upper
75 100
77 33.2 21.3 39.5



#45
1,1,2-Trichloroethane
Concen: 41.380 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.006 min
Lab File: VU057457.D
Acq: 09 Jan 2024 22:14

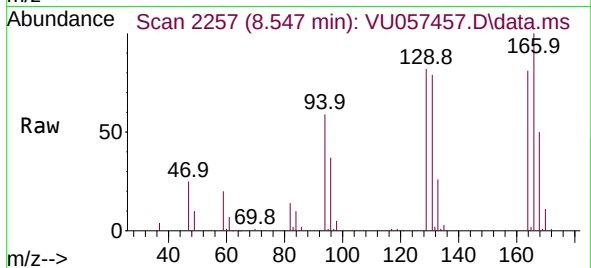
Tgt Ion: 97 Resp: 98333
Ion Ratio Lower Upper
97 100
99 64.3 43.3 80.5
83 83.8 56.9 105.7
85 57.1 39.1 72.7



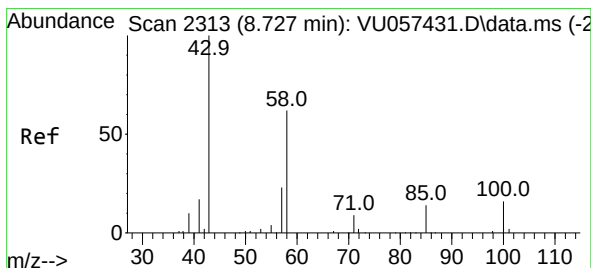
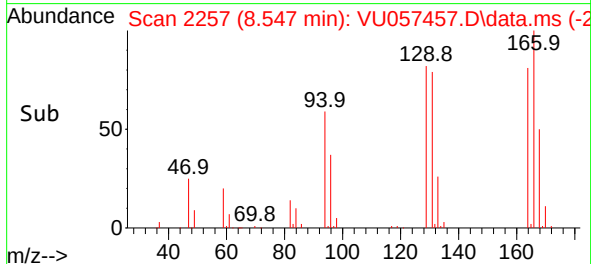
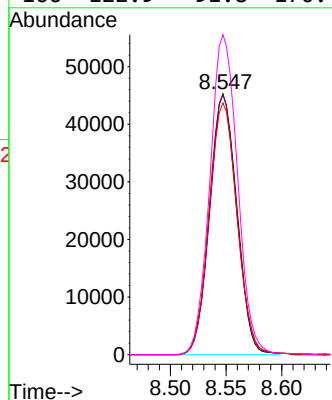


#46
Tetrachloroethene
Concen: 39.690 ug/L
RT: 8.547 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057457.D
Acq: 09 Jan 2024 22:14

Instrument :
MSVOA_U
ClientSampleId :

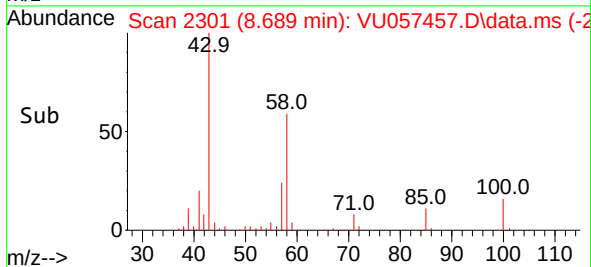
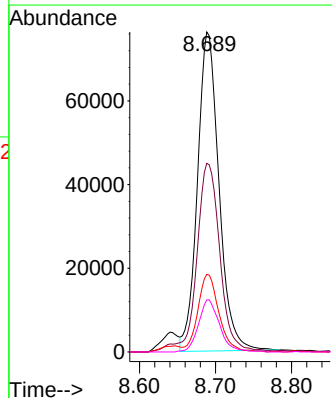
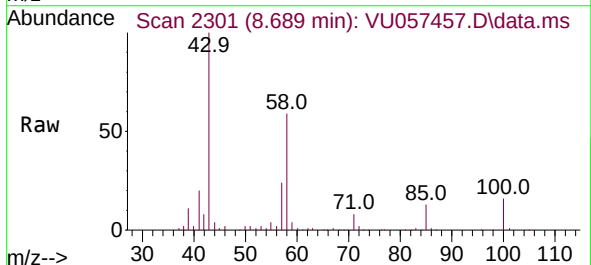


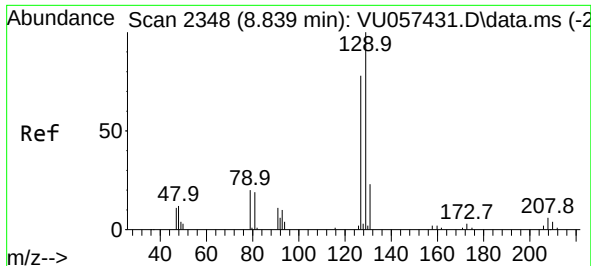
Tgt Ion:	164	Resp:	76716
Ion	Ratio	Lower	Upper
164	100		
129	100.2	72.3	134.3
131	96.6	68.8	127.8
166	122.9	91.8	170.4



#48
2-Hexanone
Concen: 84.644 ug/L
RT: 8.689 min Scan# 2301
Delta R.T. -0.038 min
Lab File: VU057457.D
Acq: 09 Jan 2024 22:14

Tgt Ion:	43	Resp:	149856
Ion	Ratio	Lower	Upper
43	100		
58	59.9	49.4	74.2
57	23.7	19.1	28.7
100	15.9	13.0	19.6





#49

Dibromochloromethane

Concen: 39.664 ug/L

RT: 8.804 min Scan# 21

Delta R.T. -0.035 min

Lab File: VU057457.D

Acq: 09 Jan 2024 22:14

Instrument :

MSVOA_U

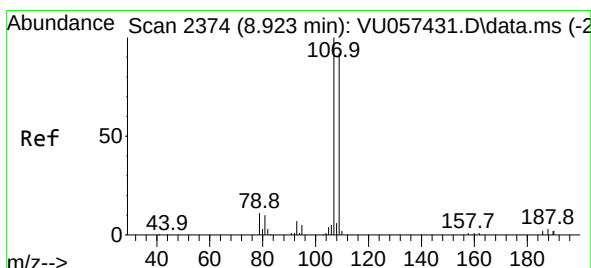
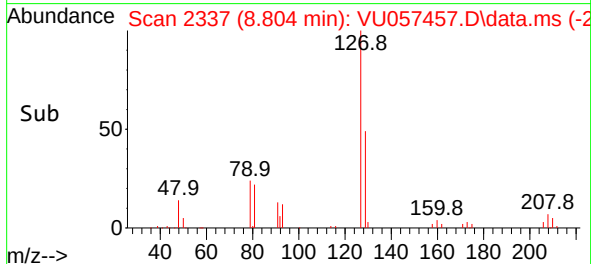
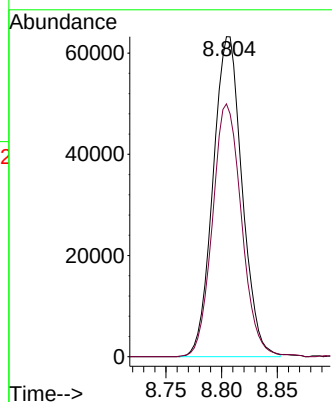
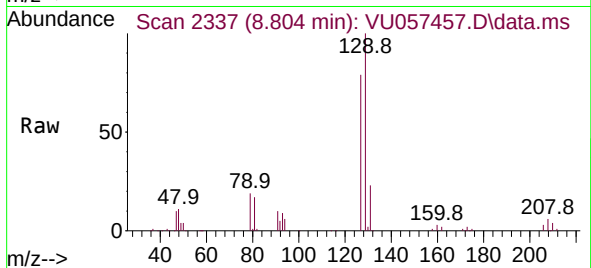
ClientSampleId :

Tgt Ion:129 Resp: 114867

Ion Ratio Lower Upper

129 100

127 79.0 54.5 101.1



#50

1,2-Dibromoethane

Concen: 41.826 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. -0.006 min

Lab File: VU057457.D

Acq: 09 Jan 2024 22:14

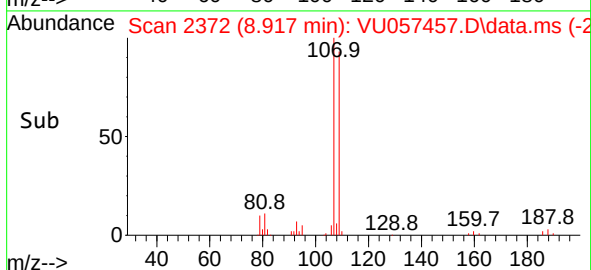
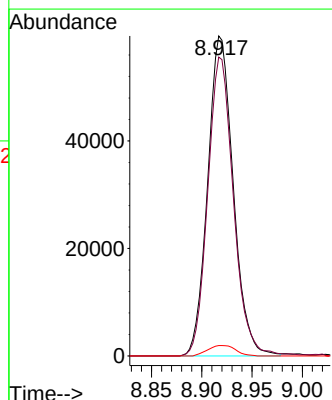
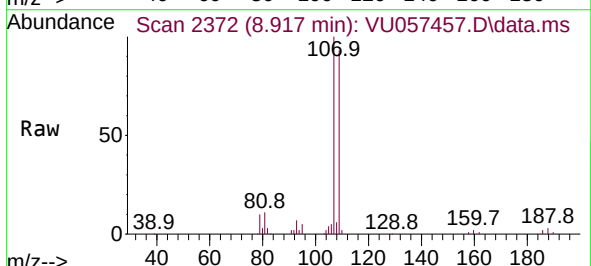
Tgt Ion:107 Resp: 105431

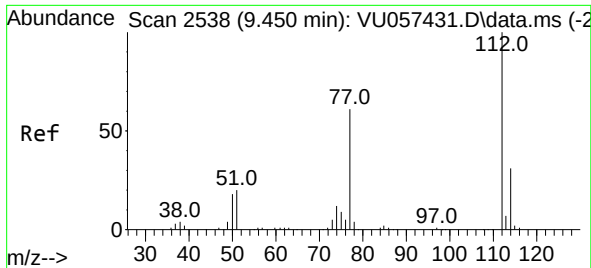
Ion Ratio Lower Upper

107 100

109 93.4 64.4 119.6

188 3.2 2.8 4.2

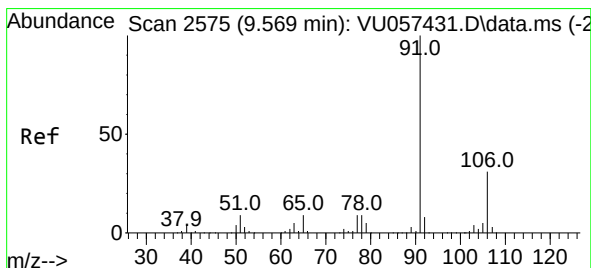
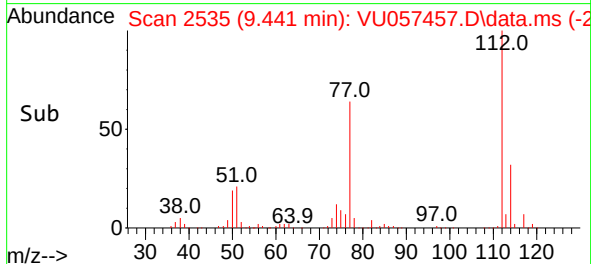
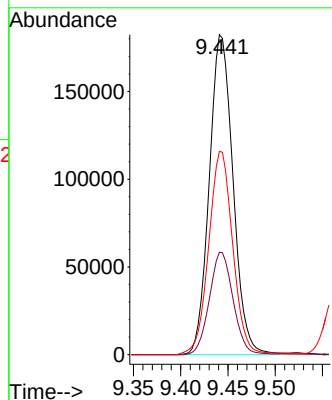
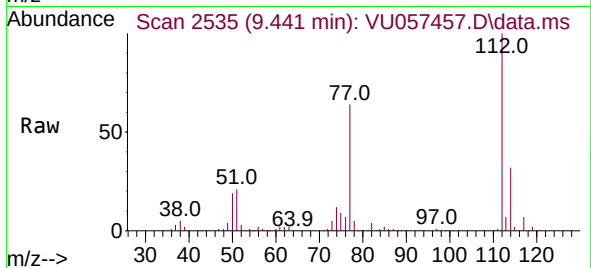




#51
Chlorobenzene
Concen: 50.445 ug/L
RT: 9.441 min Scan# 21
Delta R.T. -0.009 min
Lab File: VU057457.D
Acq: 09 Jan 2024 22:14

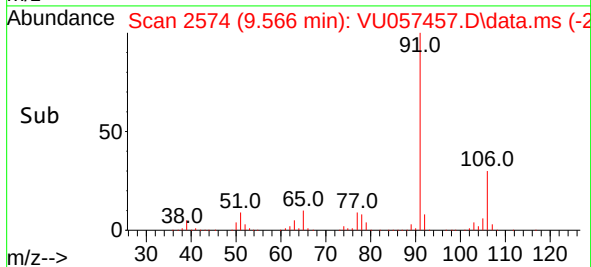
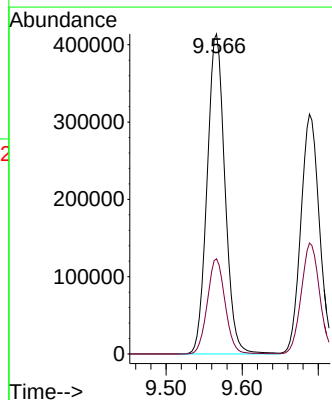
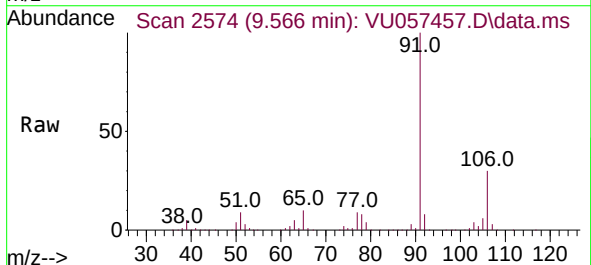
Instrument :
MSVOA_U
ClientSampleId :

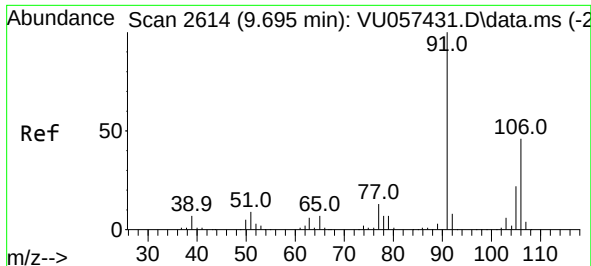
Tgt Ion:112 Resp: 318990
Ion Ratio Lower Upper
112 100
114 32.0 22.5 41.7
77 63.6 50.1 75.1



#52
Ethylbenzene
Concen: 64.230 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. -0.003 min
Lab File: VU057457.D
Acq: 09 Jan 2024 22:14

Tgt Ion: 91 Resp: 673116
Ion Ratio Lower Upper
91 100
106 29.8 21.0 39.0

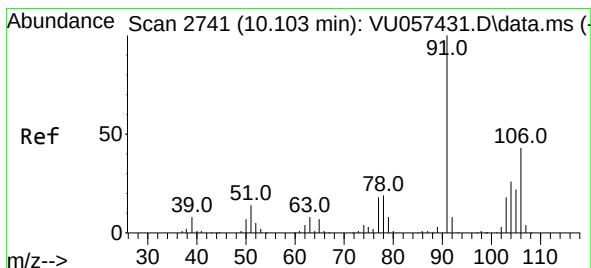
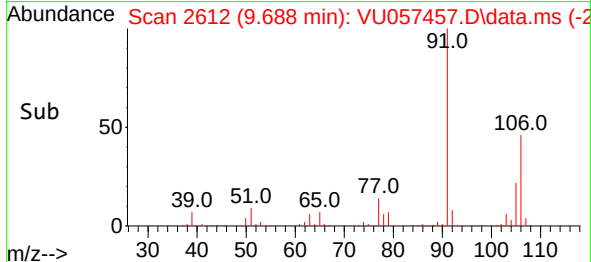
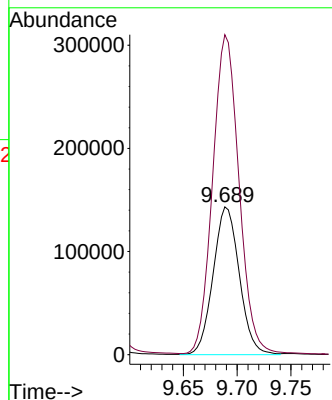
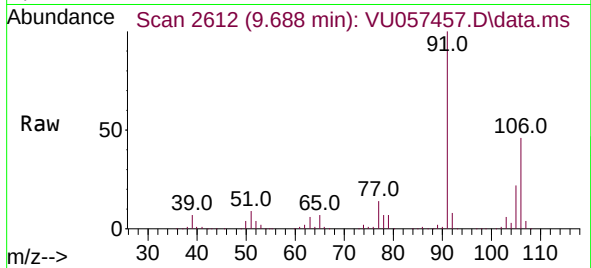




#53
m,p-Xylene
Concen: 61.915 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.006 min
Lab File: VU057457.D
Acq: 09 Jan 2024 22:14

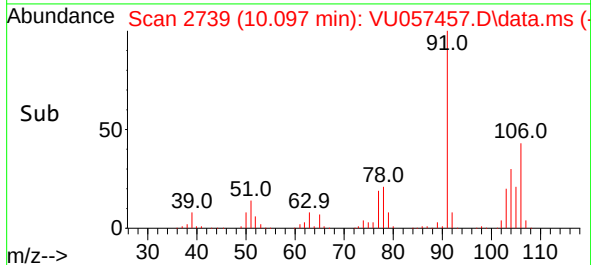
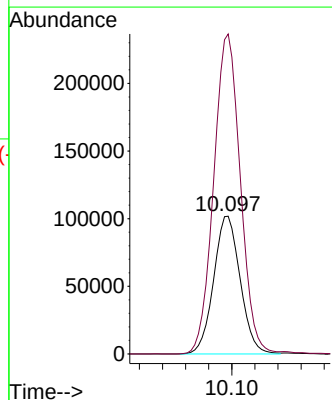
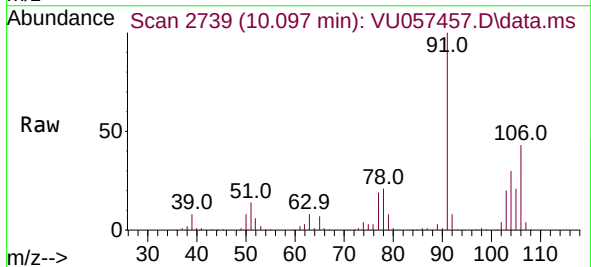
Instrument :
MSVOA_U
ClientSampleId :

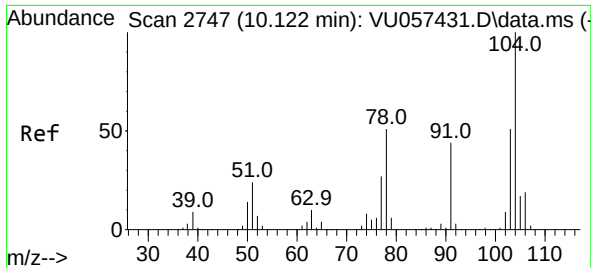
Tgt Ion:106 Resp: 242552
Ion Ratio Lower Upper
106 100
91 216.4 151.8 281.8



#54
o-Xylene
Concen: 42.417 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. -0.006 min
Lab File: VU057457.D
Acq: 09 Jan 2024 22:14

Tgt Ion:106 Resp: 162278
Ion Ratio Lower Upper
106 100
91 232.3 160.4 297.8

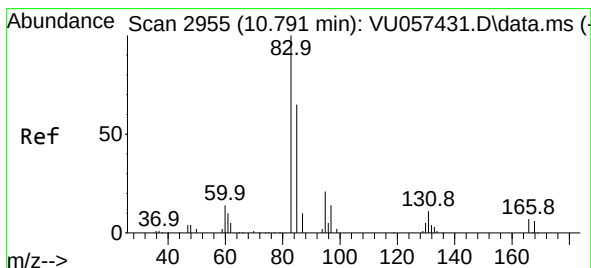
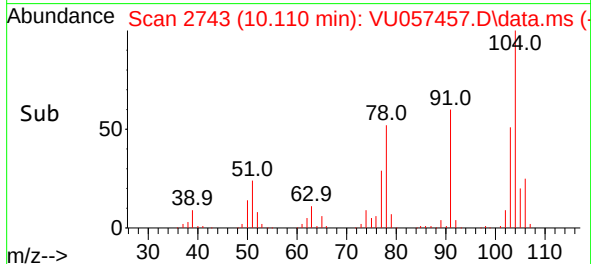
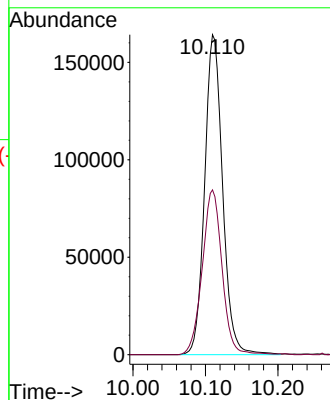
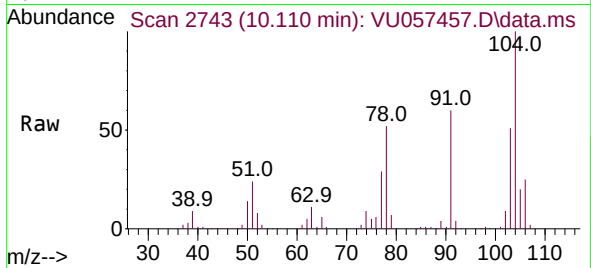




#55
Styrene
Concen: 43.713 ug/L
RT: 10.110 min Scan# 21
Delta R.T. -0.013 min
Lab File: VU057457.D
Acq: 09 Jan 2024 22:14

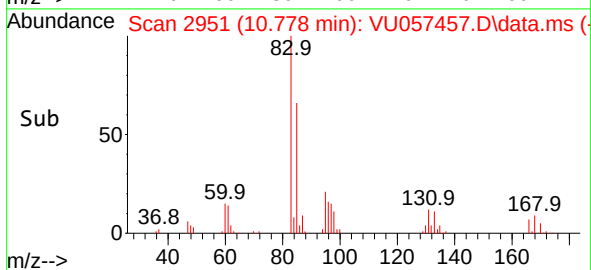
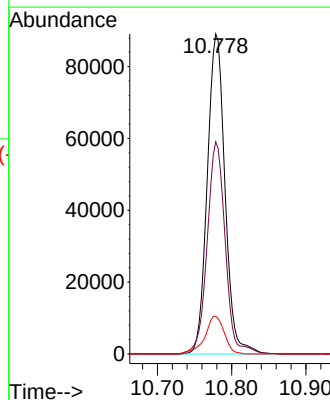
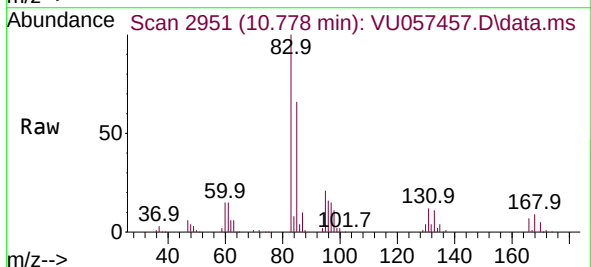
Instrument :
MSVOA_U
ClientSampleId :

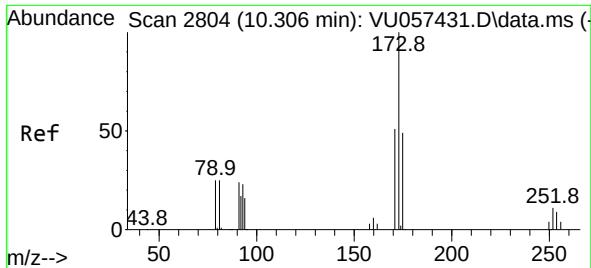
Tgt Ion:104 Resp: 283196
Ion Ratio Lower Upper
104 100
78 51.5 35.8 66.6



#57
1,1,2,2-Tetrachloroethane
Concen: 41.218 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. -0.013 min
Lab File: VU057457.D
Acq: 09 Jan 2024 22:14

Tgt Ion: 83 Resp: 147694
Ion Ratio Lower Upper
83 100
85 66.3 47.9 88.9
131 11.8 9.8 14.8

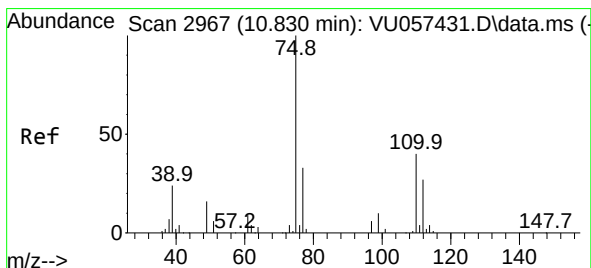
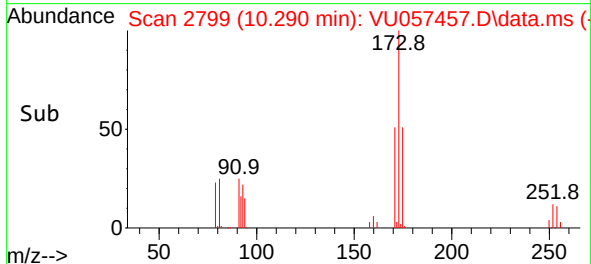
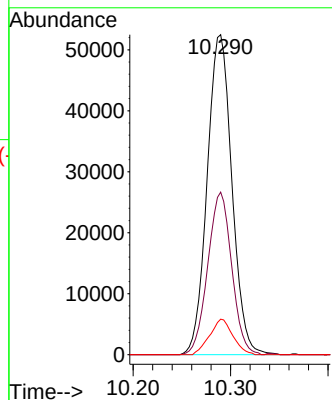
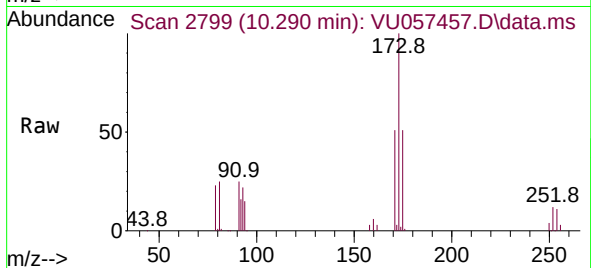




#59
Bromoform
Concen: 42.970 ug/L
RT: 10.290 min Scan# 21
Delta R.T. -0.016 min
Lab File: VU057457.D
Acq: 09 Jan 2024 22:14

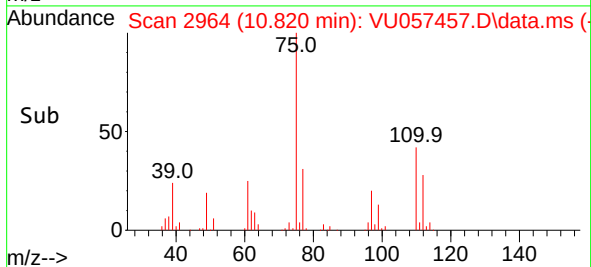
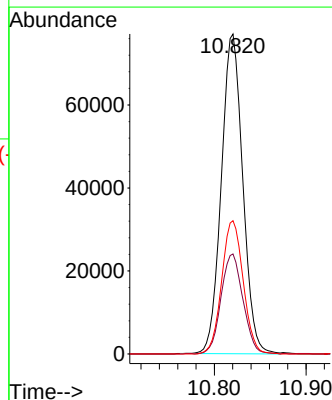
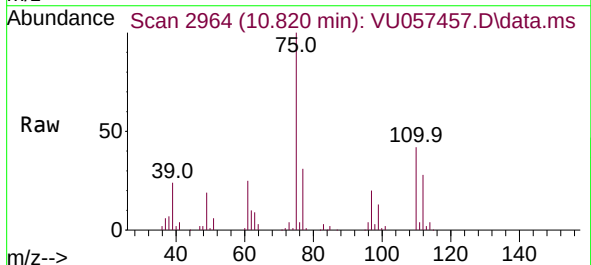
Instrument :
MSVOA_U
ClientSampleId :

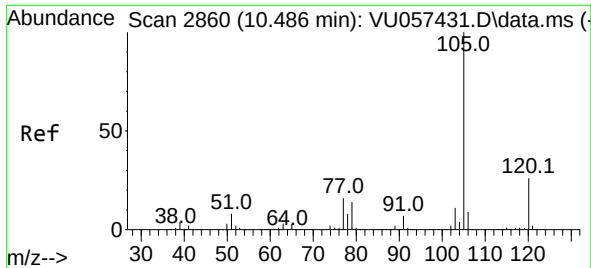
Tgt Ion:173 Resp: 92641
Ion Ratio Lower Upper
173 100
175 49.0 38.4 57.6
254 10.4 7.9 11.9



#60
1,2,3-Trichloropropane
Concen: 44.427 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. -0.009 min
Lab File: VU057457.D
Acq: 09 Jan 2024 22:14

Tgt Ion: 75 Resp: 125125
Ion Ratio Lower Upper
75 100
77 32.0 26.0 39.0
110 41.8 33.6 50.4

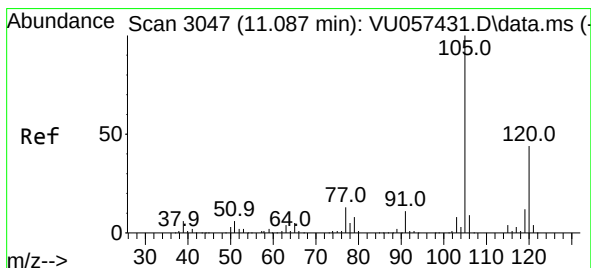
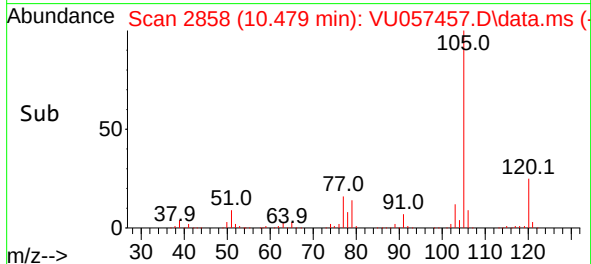
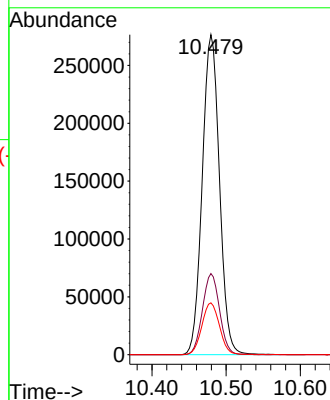
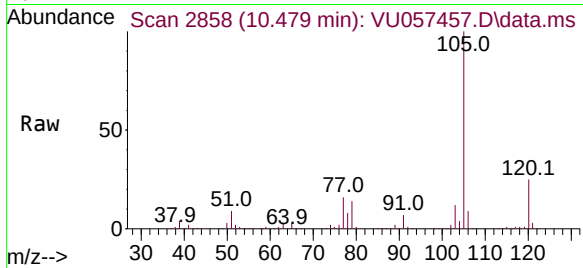




#61
Isopropylbenzene
Concen: 45.701 ug/L
RT: 10.479 min Scan# 2860
Delta R.T. -0.006 min
Lab File: VU057457.D
Acq: 09 Jan 2024 22:14

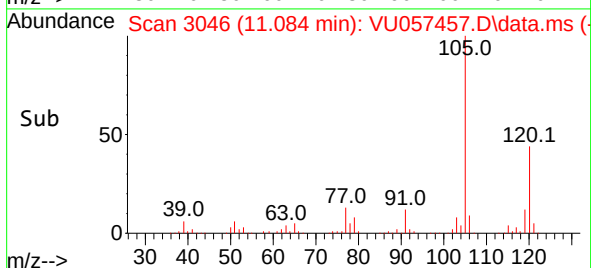
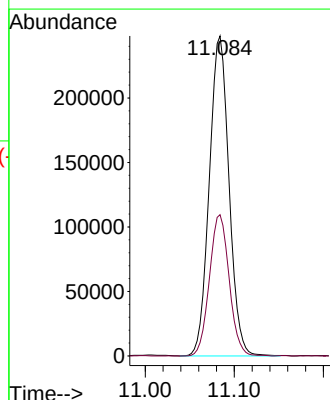
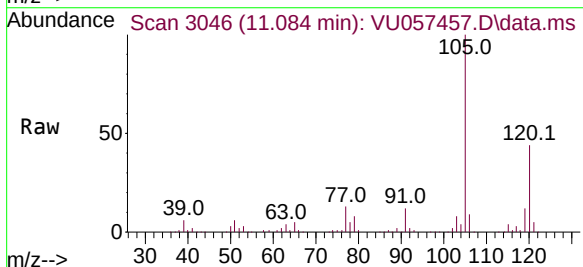
Instrument :
MSVOA_U
ClientSampleId :

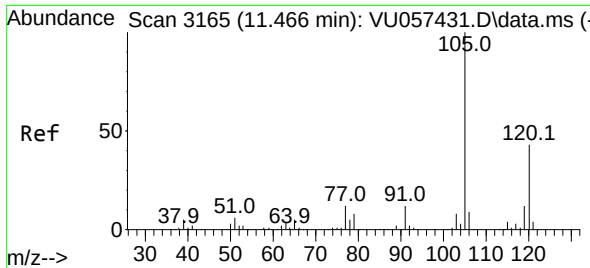
Tgt Ion:105 Resp: 445016
Ion Ratio Lower Upper
105 100
120 25.1 19.9 29.9
77 16.6 13.3 19.9



#62
1,3,5-Trimethylbenzene
Concen: 45.792 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.003 min
Lab File: VU057457.D
Acq: 09 Jan 2024 22:14

Tgt Ion:105 Resp: 381341
Ion Ratio Lower Upper
105 100
120 44.2 36.1 54.1

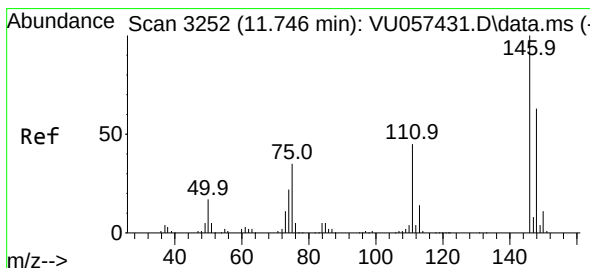
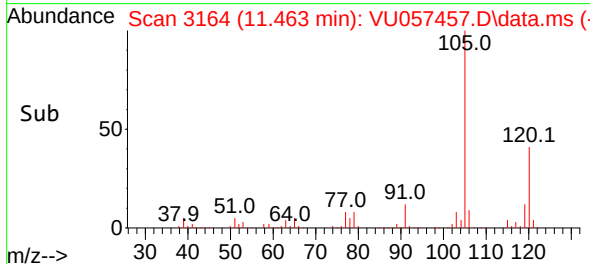
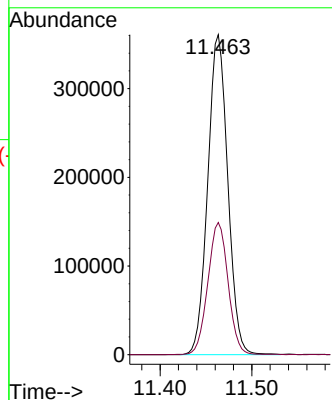
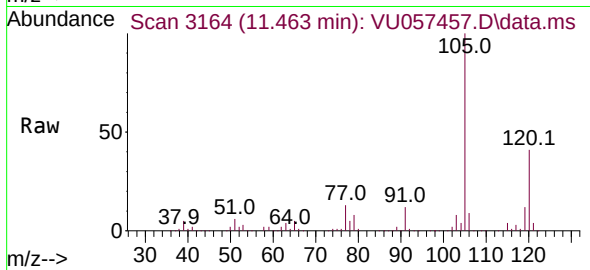




#63
1,2,4-Trimethylbenzene
Concen: 66.993 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.003 min
Lab File: VU057457.D
Acq: 09 Jan 2024 22:14

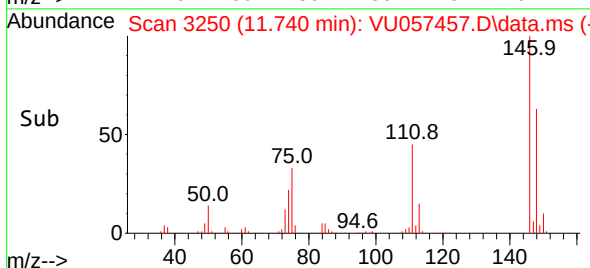
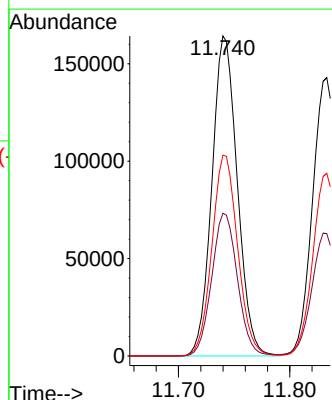
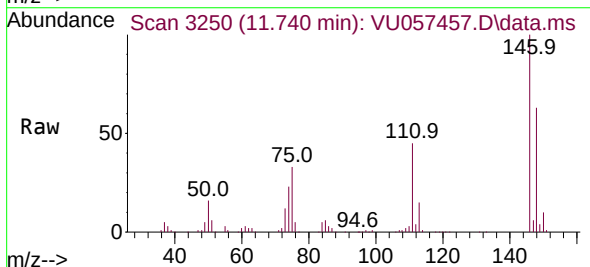
Instrument :
MSVOA_U
ClientSampleId :

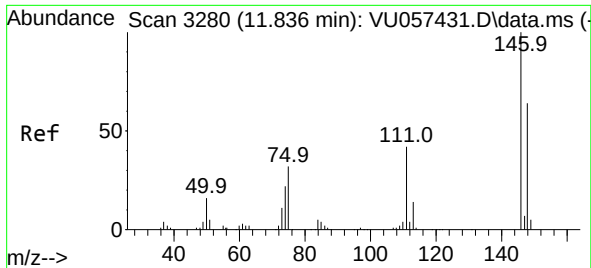
Tgt Ion:105 Resp: 547664
Ion Ratio Lower Upper
105 100
120 41.8 33.4 50.2



#64
1,3-Dichlorobenzene
Concen: 56.701 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. -0.006 min
Lab File: VU057457.D
Acq: 09 Jan 2024 22:14

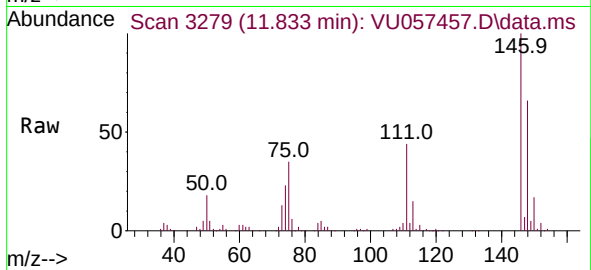
Tgt Ion:146 Resp: 260203
Ion Ratio Lower Upper
146 100
111 44.6 31.6 58.8
148 62.7 45.0 83.6



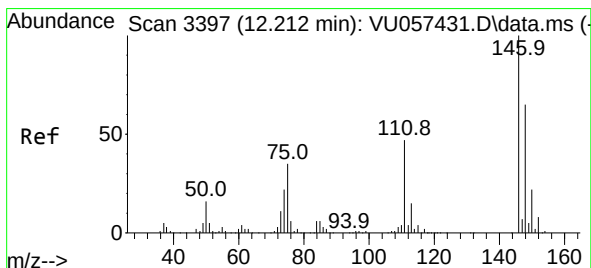
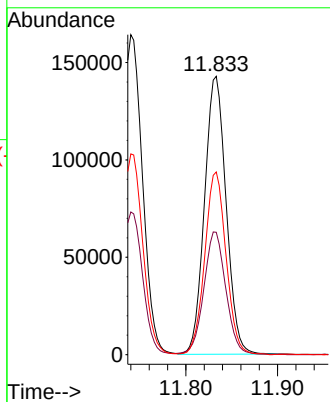
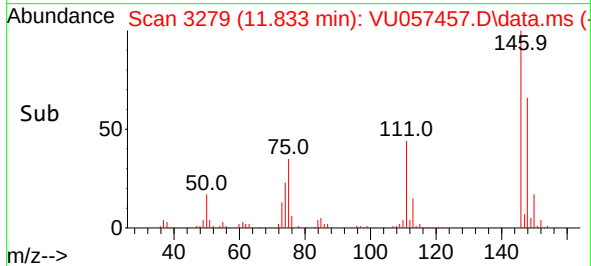


#65
1,4-Dichlorobenzene
Concen: 49.615 ug/L
RT: 11.833 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU057457.D
Acq: 09 Jan 2024 22:14

Instrument :
MSVOA_U
ClientSampleId :

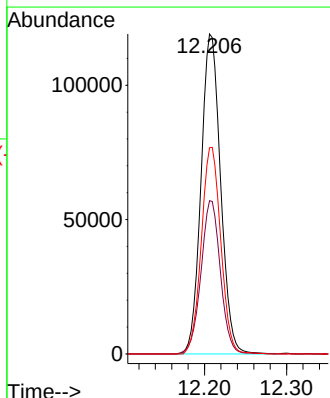
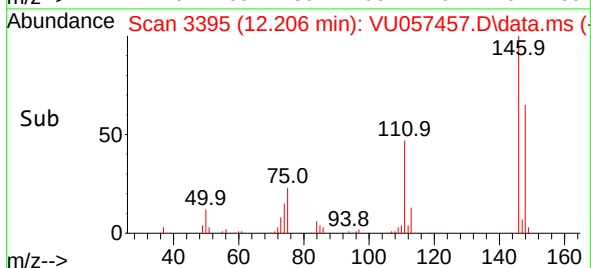
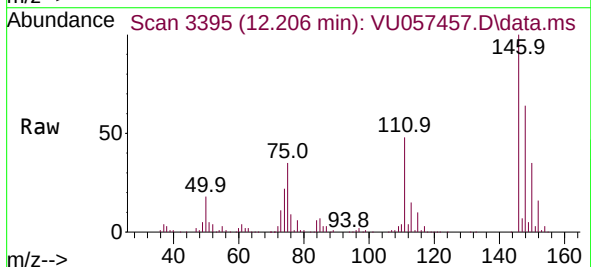


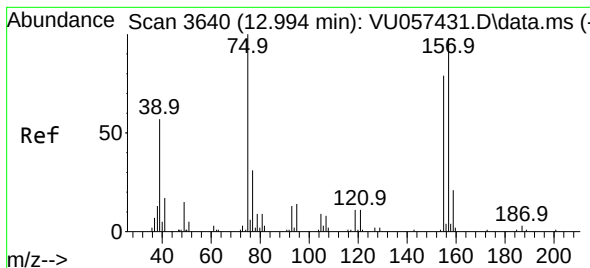
Tgt Ion:146 Resp: 233721
Ion Ratio Lower Upper
146 100
111 44.0 30.3 56.3
148 65.6 45.9 85.3



#67
1,2-Dichlorobenzene
Concen: 42.670 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. -0.006 min
Lab File: VU057457.D
Acq: 09 Jan 2024 22:14

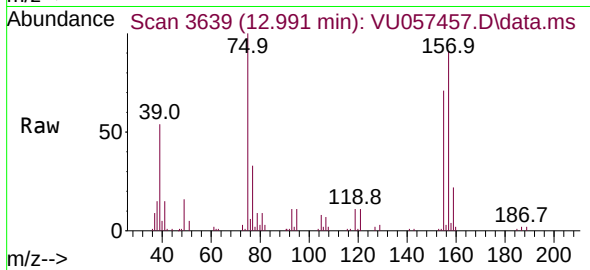
Tgt Ion:146 Resp: 197368
Ion Ratio Lower Upper
146 100
111 47.9 36.9 55.3
148 64.5 52.2 78.2



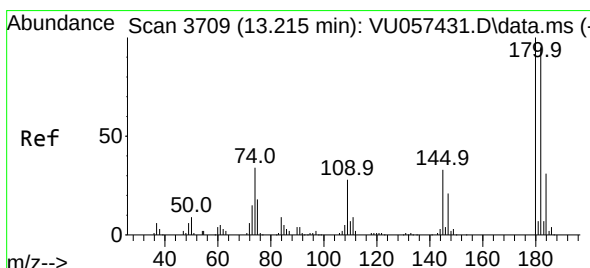
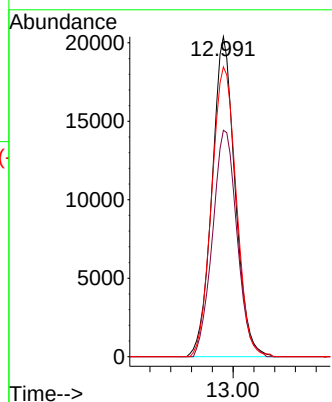
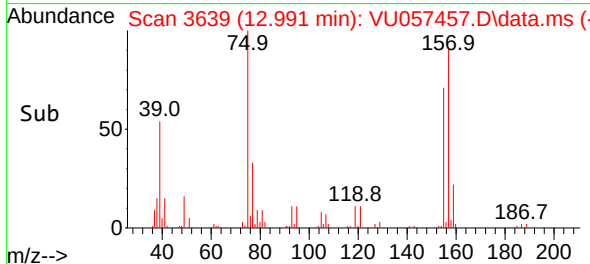


#68
 1,2-Dibromo-3-chloropropane
 Concen: 41.711 ug/L
 RT: 12.991 min Scan# 3639
 Delta R.T. -0.003 min
 Lab File: VU057457.D
 Acq: 09 Jan 2024 22:14

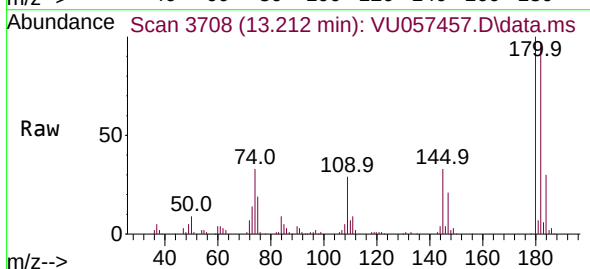
Instrument :
 MSVOA_U
 ClientSampleId :



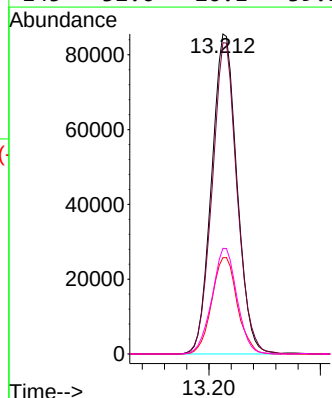
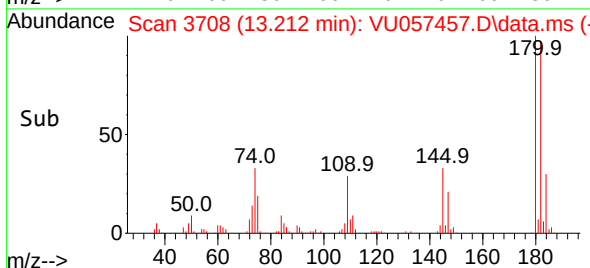
Tgt Ion: 75 Resp: 31368
 Ion Ratio Lower Upper
 75 100
 155 70.8 64.3 96.5
 157 90.5 73.8 110.6

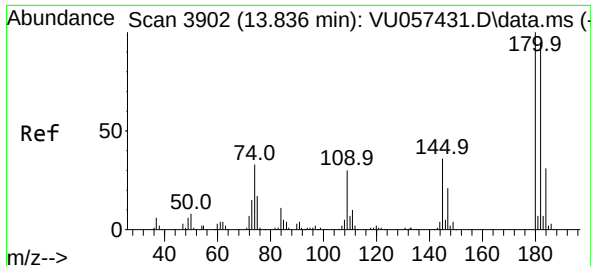


#69
 1,3,5-Trichlorobenzene
 Concen: 41.082 ug/L
 RT: 13.212 min Scan# 3708
 Delta R.T. -0.003 min
 Lab File: VU057457.D
 Acq: 09 Jan 2024 22:14



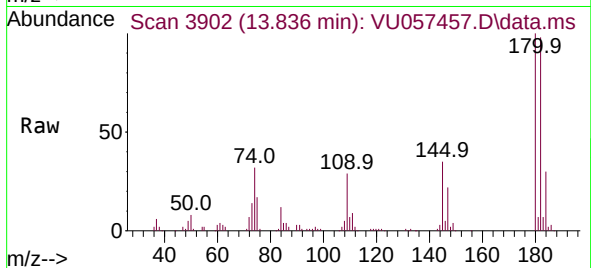
Tgt Ion: 180 Resp: 134952
 Ion Ratio Lower Upper
 180 100
 182 95.9 75.6 113.4
 184 30.3 23.9 35.9
 145 32.6 26.1 39.1



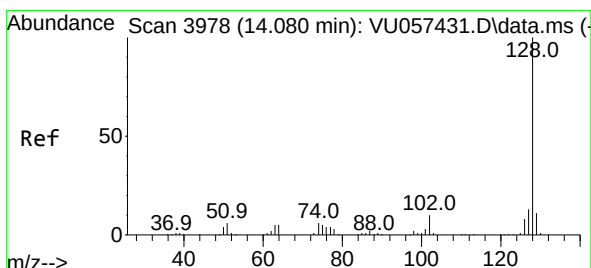
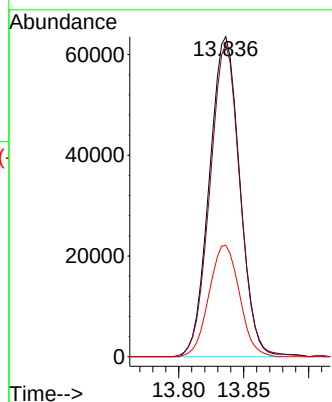
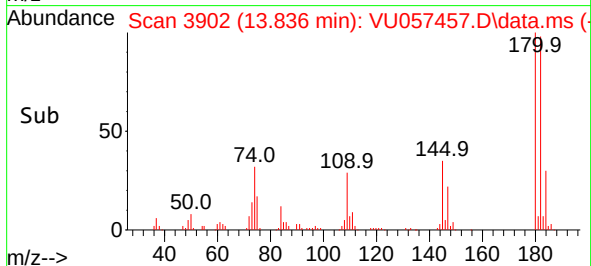


#70
1,2,4-trichlorobenzene
Concen: 41.278 ug/L
RT: 13.836 min Scan# 3902
Delta R.T. 0.000 min
Lab File: VU057457.D
Acq: 09 Jan 2024 22:14

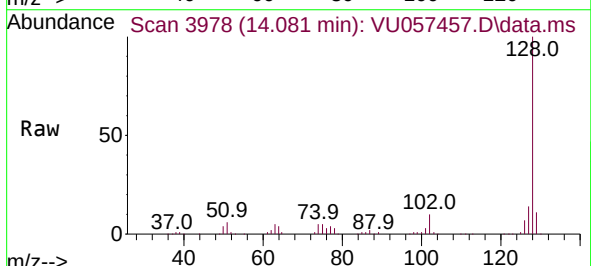
Instrument :
MSVOA_U
ClientSampleId :



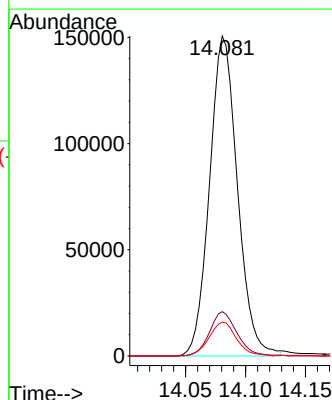
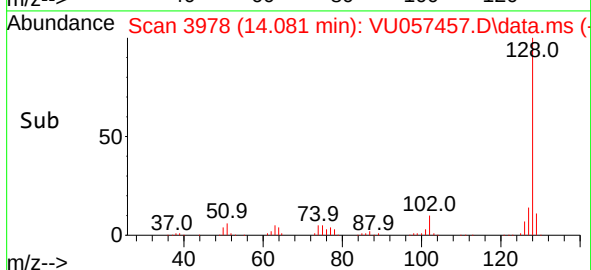
Tgt Ion:180 Resp: 103235
Ion Ratio Lower Upper
180 100
182 96.5 75.8 113.8
145 34.9 27.4 41.0

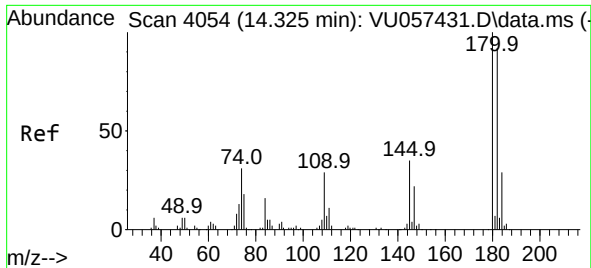


#71
Naphthalene
Concen: 41.710 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU057457.D
Acq: 09 Jan 2024 22:14



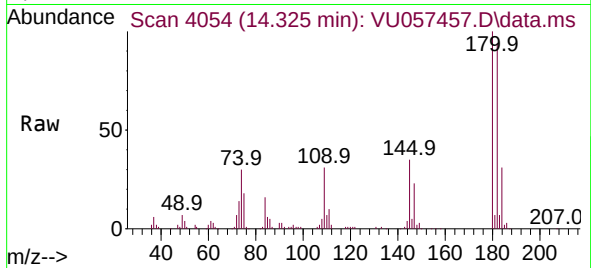
Tgt Ion:128 Resp: 243744
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.2
129 10.3 8.5 12.7





#72
 1,2,3-Trichlorobenzene
 Concen: 42.423 ug/L
 RT: 14.325 min Scan# 40
 Delta R.T. 0.000 min
 Lab File: VU057457.D
 Acq: 09 Jan 2024 22:14

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 100337
 Ion Ratio Lower Upper
 180 100
 182 95.6 77.5 116.3
 145 35.4 28.2 42.4

