

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030824\
 Data File : VU058025.D
 Acq On : 08 Mar 2024 18:19
 Operator : MD/SY
 Sample : P1636-03MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCNO6MS

Quant Time: Mar 09 00:15:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 09 00:10:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	141580	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	133580	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	64755	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	42413	4.164	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.200%
7) Chloroethane-d5	1.904	69	38239	4.567	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.560	65	19554	4.436	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.800%
20) 2-Butanone-d5	4.608	46	95225	56.736	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.480%
24) Chloroform-d	5.052	84	96847	5.027	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.695	65	44213	5.065	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.718	84	185179	4.757	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.682	67	58177	4.916	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.891	98	167495	4.749	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
43) trans-1,3-Dichloroprop...	8.174	79	19353	4.756	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.200%
46) 2-Hexanone-d5	8.624	63	81336	59.529	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.060%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	40583	5.592	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	54456	5.106	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	43661	5.090	ug/L	99
3) Chloromethane	1.515	50	50047	4.989	ug/L	100
5) Vinyl chloride	1.599	62	54446	5.046	ug/L	100
6) Bromomethane	1.850	94	25839	4.547	ug/L	99
8) Chloroethane	1.927	64	35268	5.191	ug/L	97
9) Trichlorofluoromethane	2.132	101	80180	5.217	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	49037	5.103	ug/L	99
12) 1,1-Dichloroethene	2.570	96	43698	5.115	ug/L	99
13) Acetone	2.612	43	62478	50.020	ug/L	100
14) Carbon disulfide	2.785	76	126622	4.794	ug/L	100
15) Methyl Acetate	2.943	43	14683	5.297	ug/L	95
16) Methylene chloride	3.033	84	50226	4.837	ug/L	97
17) Methyl tert-butyl Ether	3.351	73	106200	5.257	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	47119	5.064	ug/L	96
19) 1,1-Dichloroethane	3.859	63	99820	5.378	ug/L	98
21) 2-Butanone	4.689	43	98040	49.814	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	53700	5.246	ug/L	94
23) Bromochloromethane	4.965	128	20382	5.362	ug/L	94
25) Chloroform	5.078	83	99610	5.257	ug/L	99

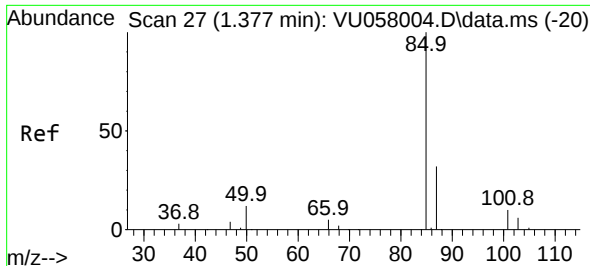
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030824\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	57479	5.479	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	85174	5.357	ug/L	99
30) Cyclohexane	5.380	56	78835	4.910	ug/L	99
31) Carbon tetrachloride	5.515	117	72419	5.242	ug/L	98
33) Benzene	5.766	78	215587	5.259	ug/L	100
34) Trichloroethene	6.534	95	55572	5.153	ug/L	96
35) Methylcyclohexane	6.756	83	80336	4.859	ug/L	99
37) 1,2-Dichloropropane	6.782	63	56474	5.343	ug/L	99
38) Bromodichloromethane	7.097	83	66965	5.222	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	73132	5.022	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	263275	54.145	ug/L	99
42) Toluene	7.962	91	223818	5.243	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	59741	5.148	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	33932	5.414	ug/L	98
47) Tetrachloroethene	8.547	164	38330	5.123	ug/L	98
48) 2-Hexanone	8.676	43	181438	50.882	ug/L	98
49) Dibromochloromethane	8.804	129	40307	5.433	ug/L	96
50) 1,2-Dibromoethane	8.917	107	30878	5.552	ug/L	93
51) Chlorobenzene	9.441	112	138211	5.163	ug/L	98
52) Ethylbenzene	9.563	91	246268	5.155	ug/L	100
53) m,p-Xylene	9.688	106	88985	5.214	ug/L	99
54) o-Xylene	10.094	106	86731	5.099	ug/L	99
55) Styrene	10.110	104	141557	5.302	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	41094	5.566	ug/L	99
59) Bromoform	10.286	173	19031	5.270	ug/L	97
60) Isopropylbenzene	10.479	105	227194	5.268	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	29045	5.476	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	188409	5.180	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	190808	5.315	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	103608	5.285	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	98149	5.115	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	90758	5.303	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	5881	5.588	ug/L	94
69) 1,3,5-Trichlorobenzene	13.212	180	70393	4.992	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	54151	5.111	ug/L	97
71) Naphthalene	14.084	128	67540	4.668	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	42888	5.125	ug/L	96

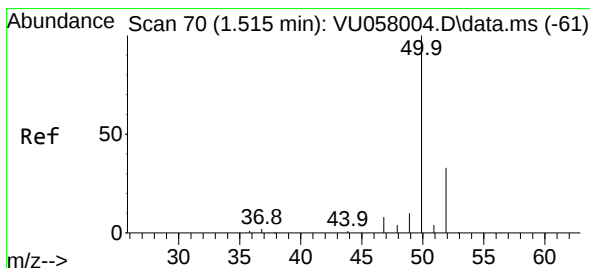
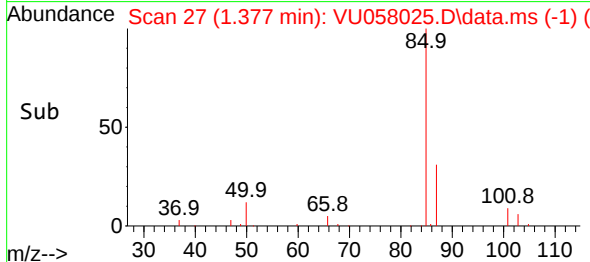
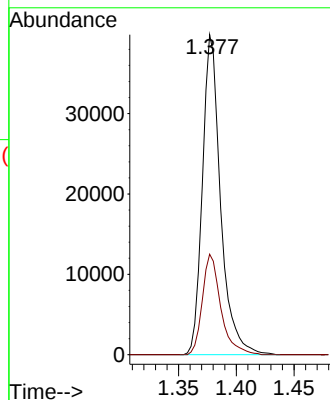
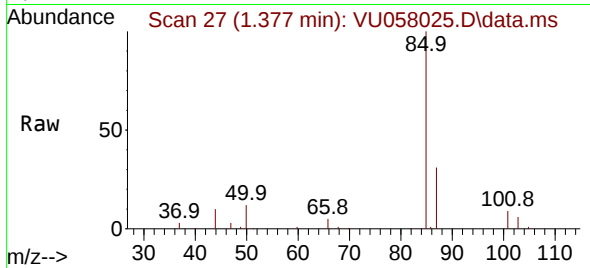
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 5.090 ug/L
 RT: 1.377 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU058025.D
 Acq: 08 Mar 2024 18:19

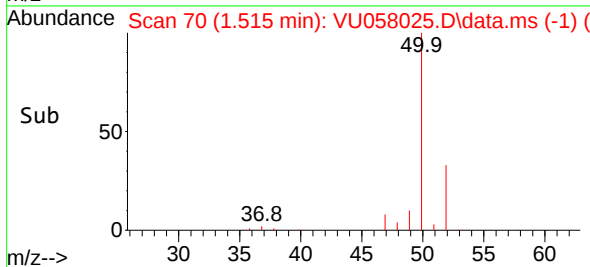
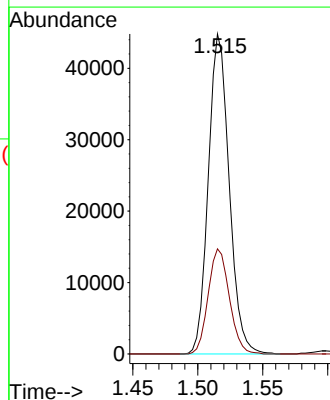
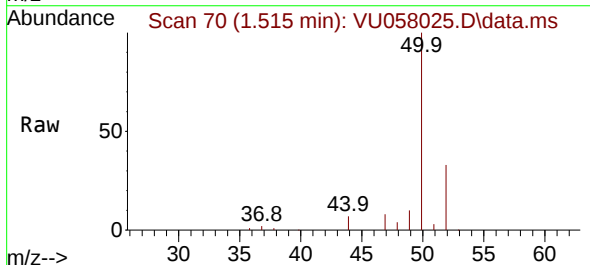
Instrument :
 MSVOA_U
 ClientSampleId :
 DCNO6MS

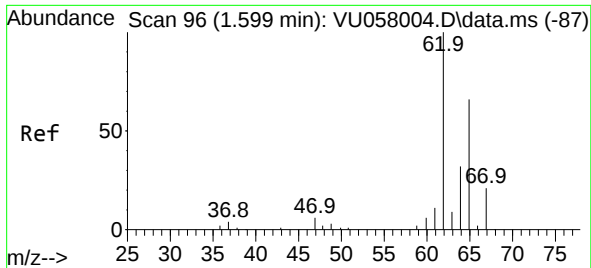
Tgt Ion: 85 Resp: 43661
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.8 38.6



#3
 Chloromethane
 Concen: 4.989 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU058025.D
 Acq: 08 Mar 2024 18:19

Tgt Ion: 50 Resp: 50047
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.1 42.9

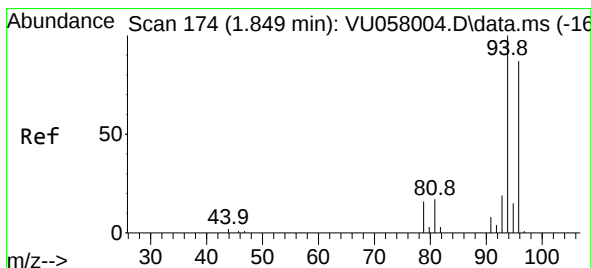
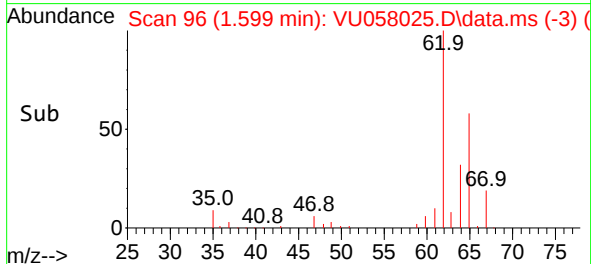
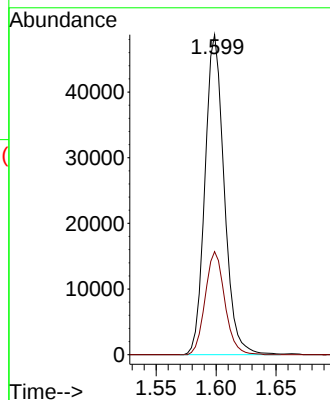
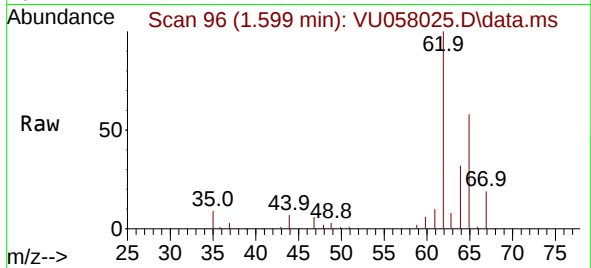




#5
Vinyl chloride
Concen: 5.046 ug/L
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU058025.D
Acq: 08 Mar 2024 18:19

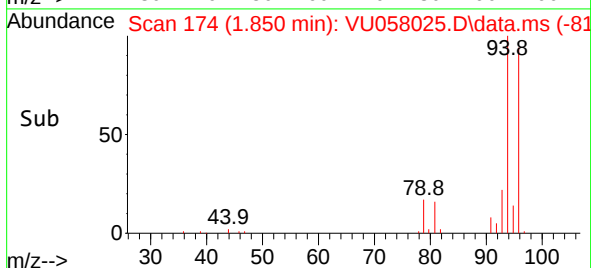
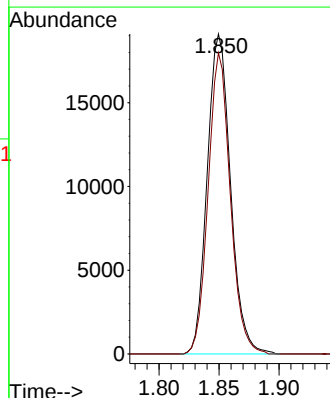
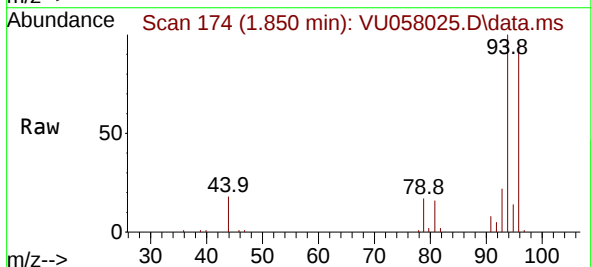
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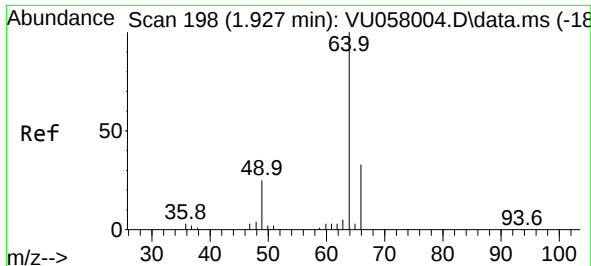
Tgt Ion: 62 Resp: 54446
Ion Ratio Lower Upper
62 100
64 32.2 22.5 41.7



#6
Bromomethane
Concen: 4.547 ug/L
RT: 1.850 min Scan# 174
Delta R.T. 0.000 min
Lab File: VU058025.D
Acq: 08 Mar 2024 18:19

Tgt Ion: 94 Resp: 25839
Ion Ratio Lower Upper
94 100
96 94.1 65.2 121.2

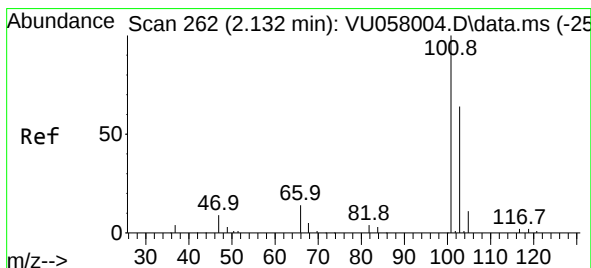
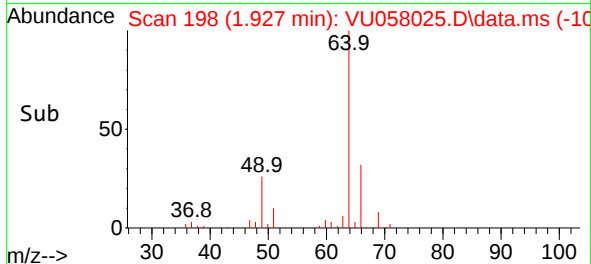
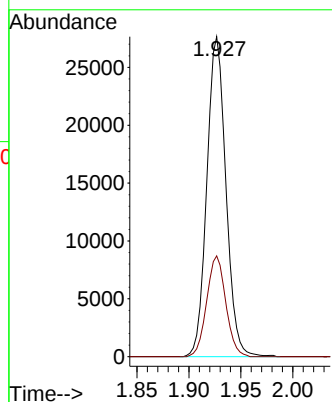
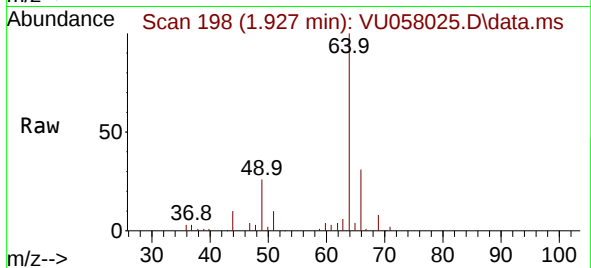




#8
Chloroethane
Concen: 5.191 ug/L
RT: 1.927 min Scan# 198
Delta R.T. 0.000 min
Lab File: VU058025.D
Acq: 08 Mar 2024 18:19

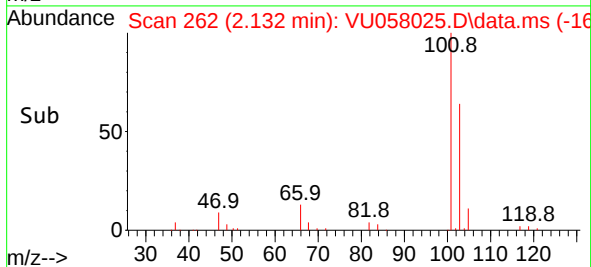
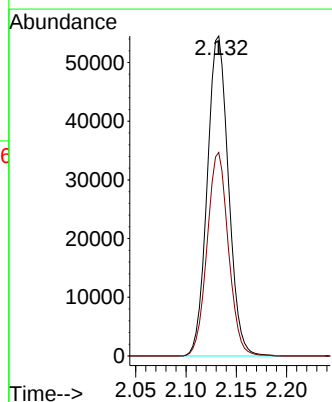
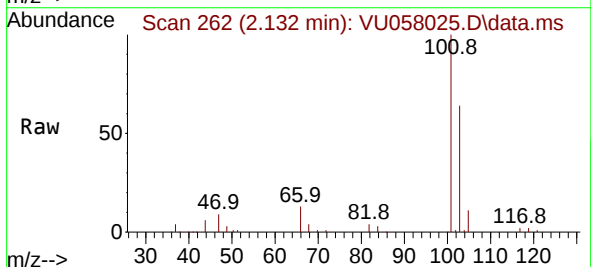
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ClientSampleId :
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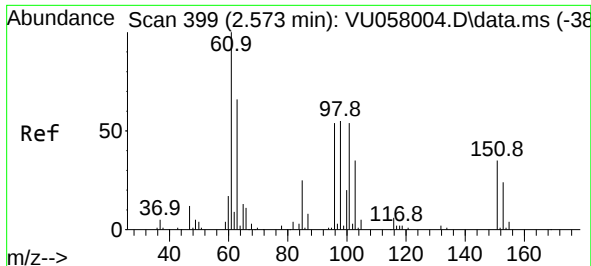
Tgt Ion: 64 Resp: 35268
Ion Ratio Lower Upper
64 100
66 31.5 20.9 38.9



#9
Trichlorofluoromethane
Concen: 5.217 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU058025.D
Acq: 08 Mar 2024 18:19

Tgt Ion:101 Resp: 80180
Ion Ratio Lower Upper
101 100
103 63.7 51.4 77.2

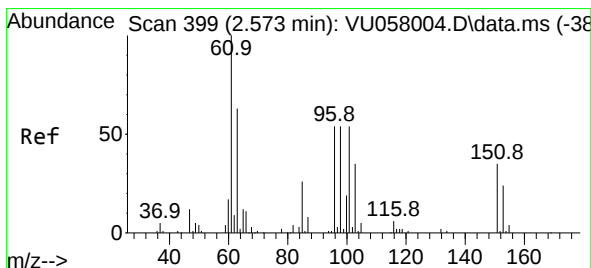
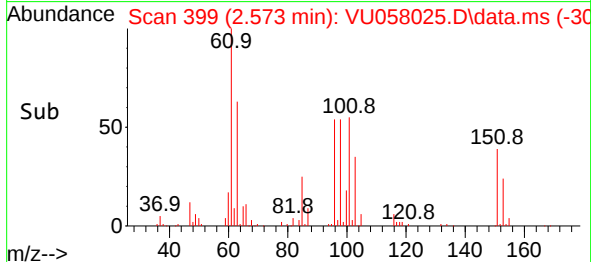
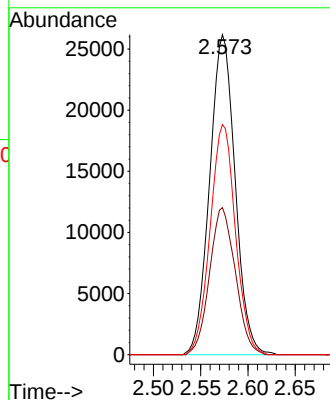
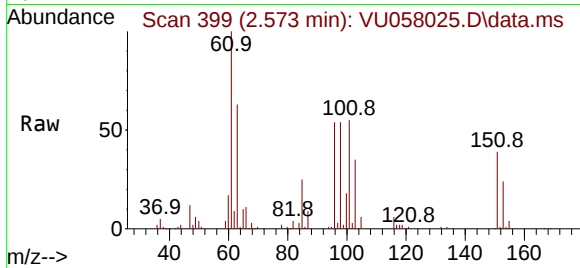




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.103 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU058025.D
 Acq: 08 Mar 2024 18:19

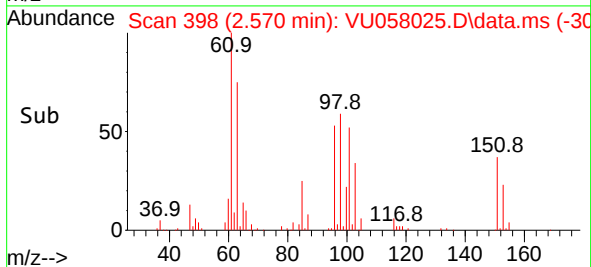
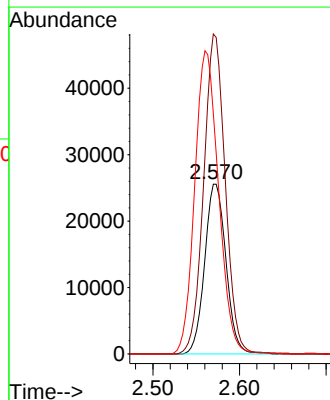
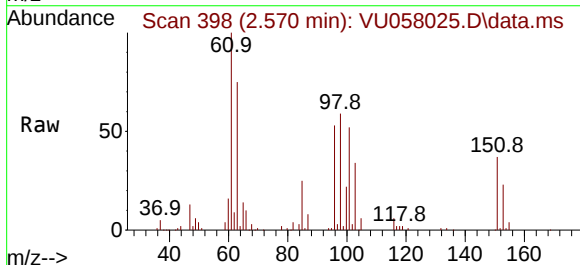
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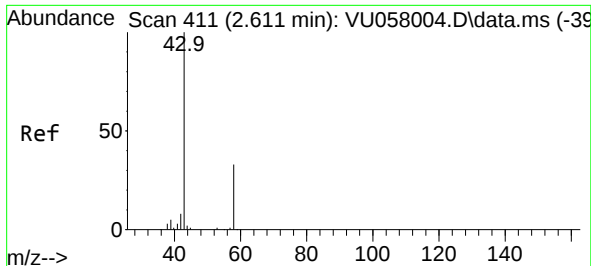
Tgt Ion:101 Resp: 49037
 Ion Ratio Lower Upper
 101 100
 85 46.5 37.3 55.9
 151 71.6 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 5.115 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. -0.003 min
 Lab File: VU058025.D
 Acq: 08 Mar 2024 18:19

Tgt Ion: 96 Resp: 43698
 Ion Ratio Lower Upper
 96 100
 61 188.4 131.8 244.8
 63 141.7 98.1 182.1





#13

Acetone

Concen: 50.020 ug/L

RT: 2.612 min Scan# 411

Delta R.T. 0.000 min

Lab File: VU058025.D

Acq: 08 Mar 2024 18:19

Instrument :

MSVOA_U

ClientSampleId :

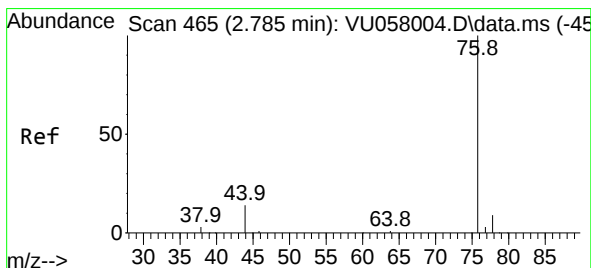
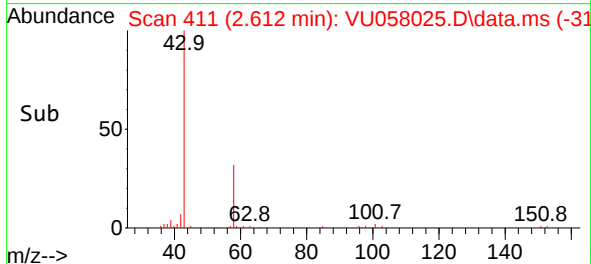
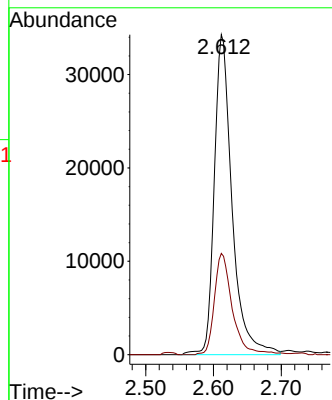
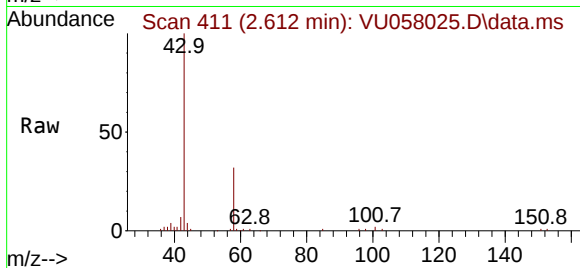
DCNO6MS

Tgt Ion: 43 Resp: 62478

Ion Ratio Lower Upper

43 100

58 31.8 0.0 63.6



#14

Carbon disulfide

Concen: 4.794 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU058025.D

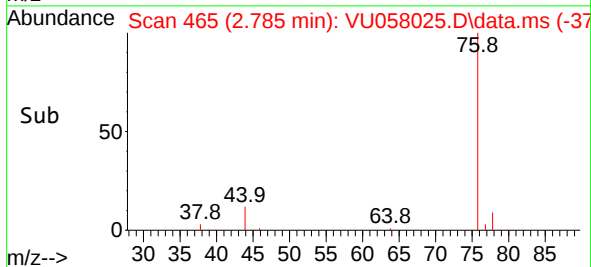
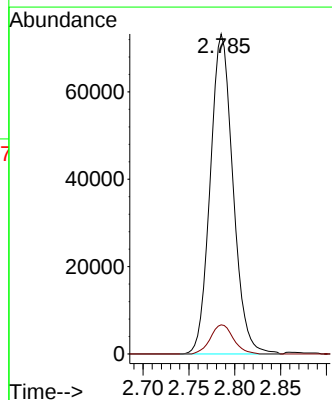
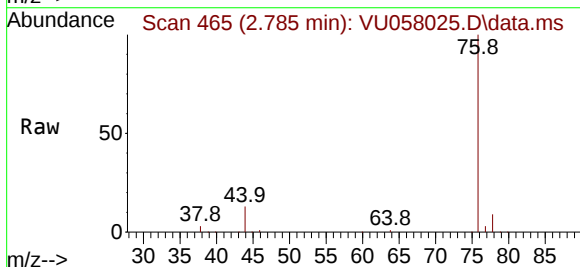
Acq: 08 Mar 2024 18:19

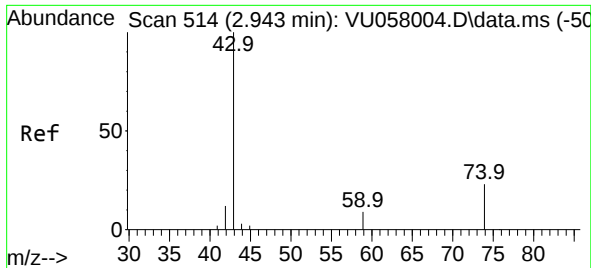
Tgt Ion: 76 Resp: 126622

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

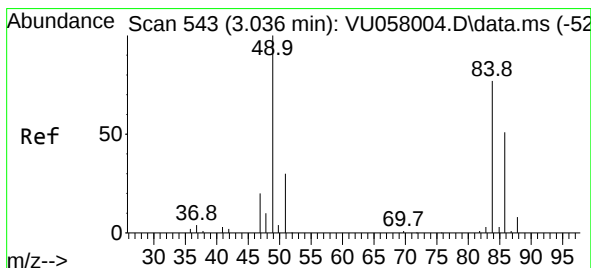
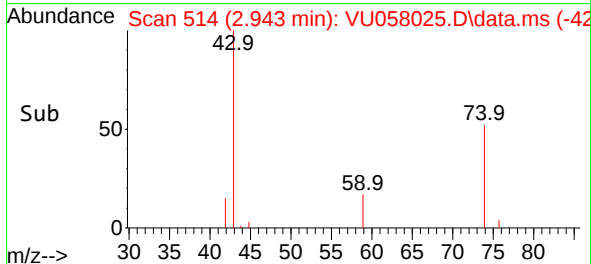
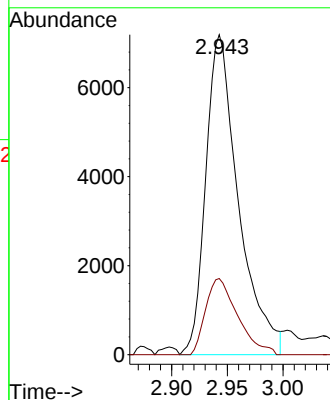
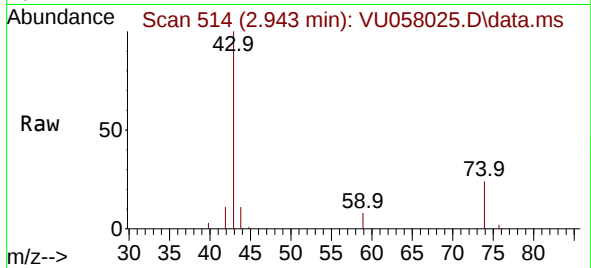




#15
Methyl Acetate
Concen: 5.297 ug/L
RT: 2.943 min Scan# 514
Delta R.T. 0.000 min
Lab File: VU058025.D
Acq: 08 Mar 2024 18:19

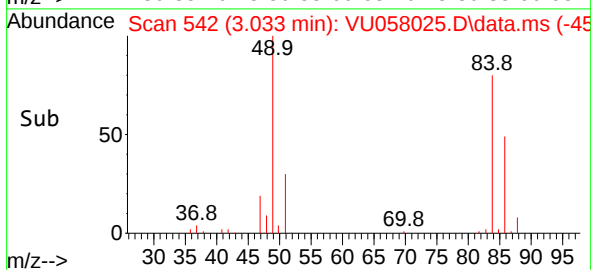
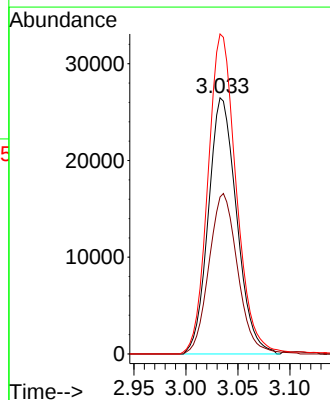
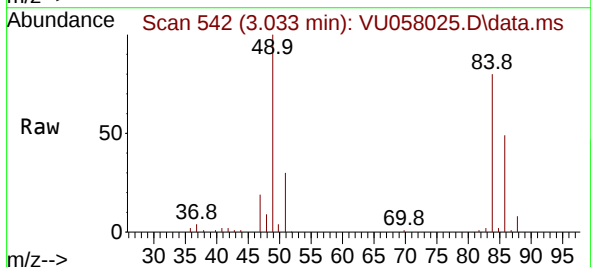
Instrument :
MSVOA_U
ClientSampleId :
DCNO6MS

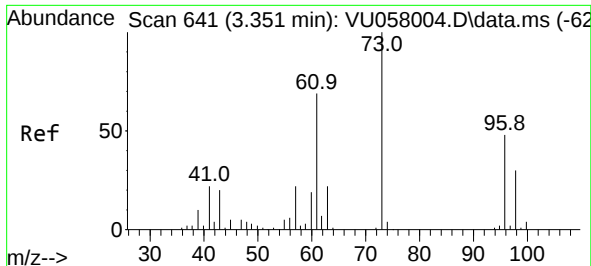
Tgt Ion: 43 Resp: 14683
Ion Ratio Lower Upper
43 100
74 23.3 20.6 31.0



#16
Methylene chloride
Concen: 4.837 ug/L
RT: 3.033 min Scan# 542
Delta R.T. -0.003 min
Lab File: VU058025.D
Acq: 08 Mar 2024 18:19

Tgt Ion: 84 Resp: 50226
Ion Ratio Lower Upper
84 100
86 61.3 44.4 82.4
49 130.4 88.8 165.0

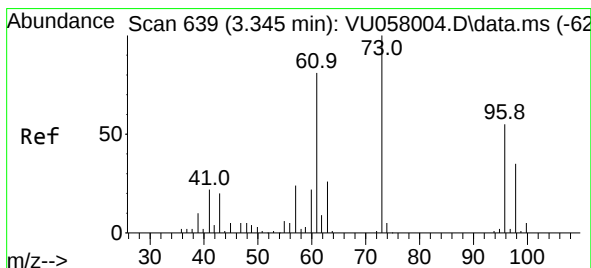
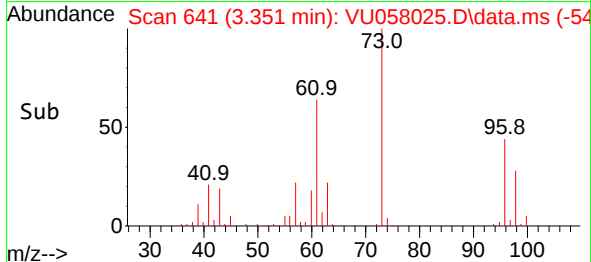
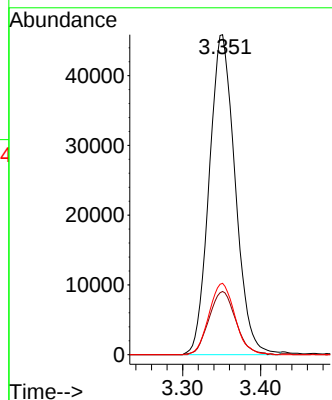
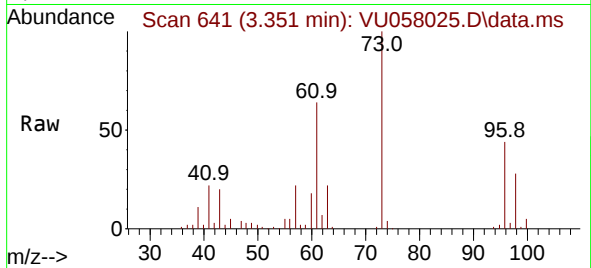




#17
Methyl tert-butyl Ether
Concen: 5.257 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU058025.D
Acq: 08 Mar 2024 18:19

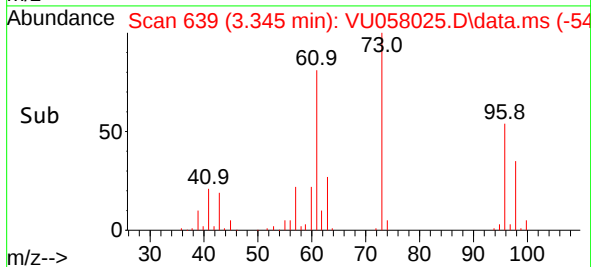
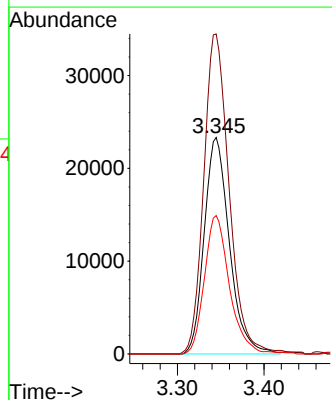
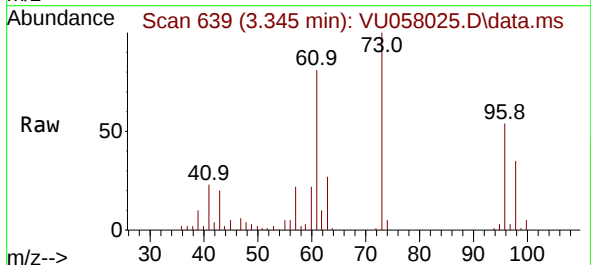
Instrument :
MSVOA_U
ClientSampleId :
DCNO6MS

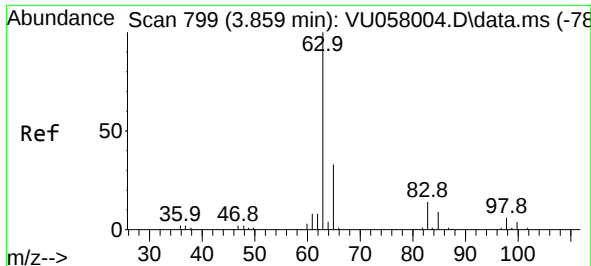
Tgt Ion: 73 Resp: 106200
Ion Ratio Lower Upper
73 100
43 20.5 16.2 24.4
57 22.2 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 5.064 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU058025.D
Acq: 08 Mar 2024 18:19

Tgt Ion: 96 Resp: 47119
Ion Ratio Lower Upper
96 100
61 147.8 107.7 199.9
98 63.9 45.8 85.0

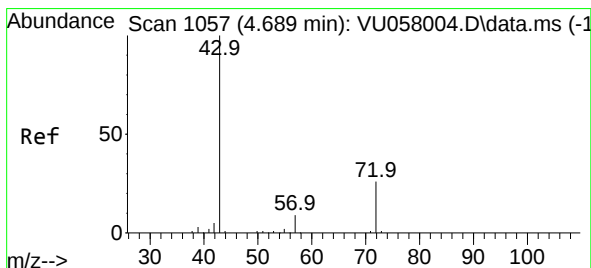
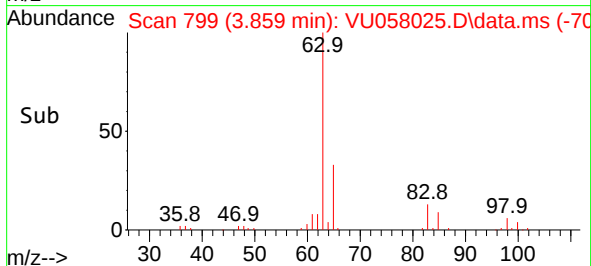
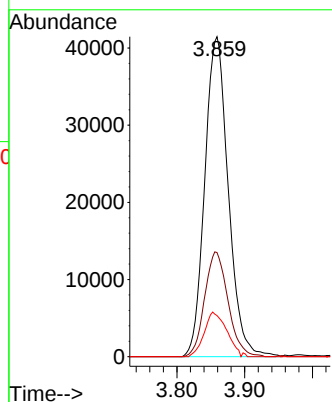
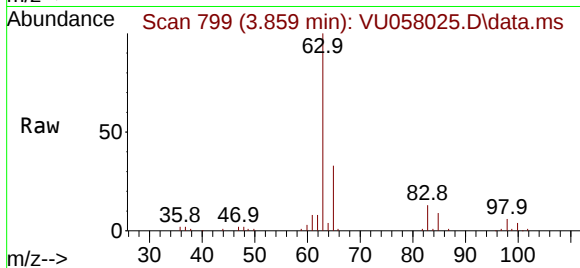




#19
1,1-Dichloroethane
Concen: 5.378 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU058025.D
Acq: 08 Mar 2024 18:19

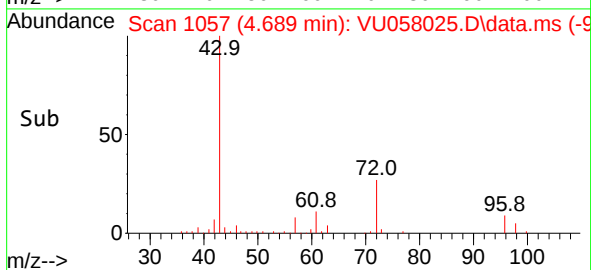
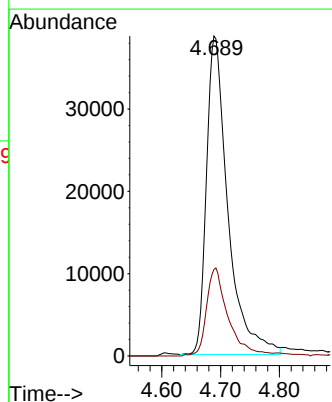
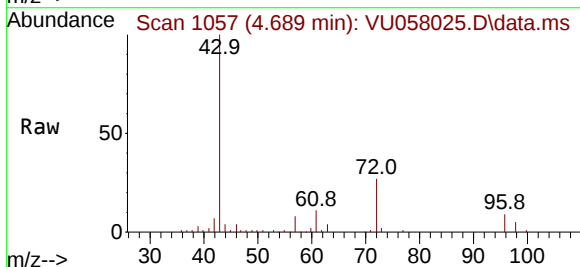
Instrument :
MSVOA_U
ClientSampleId :
DCNO6MS

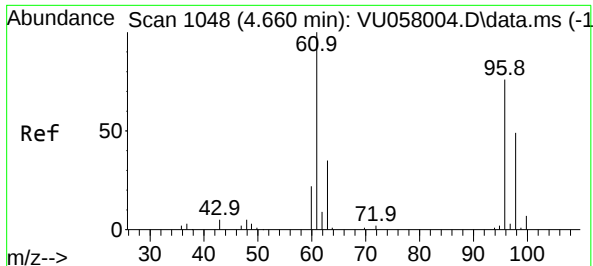
Tgt Ion:	63	Resp:	99820
Ion Ratio	Lower	Upper	
63	100		
65	33.1	22.1	41.1
83	12.8	9.0	16.6



#21
2-Butanone
Concen: 49.814 ug/L
RT: 4.689 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VU058025.D
Acq: 08 Mar 2024 18:19

Tgt Ion:	43	Resp:	98040
Ion Ratio	Lower	Upper	
43	100		
72	27.7	13.0	39.0

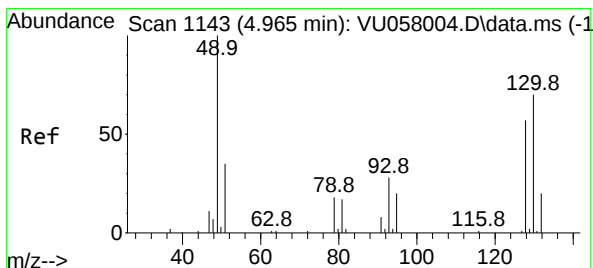
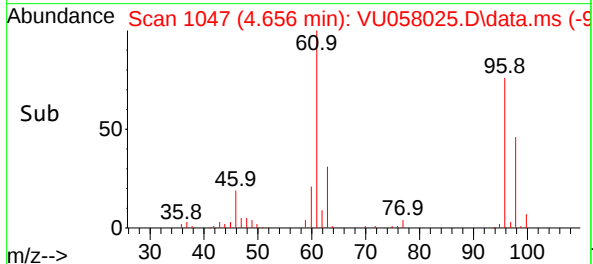
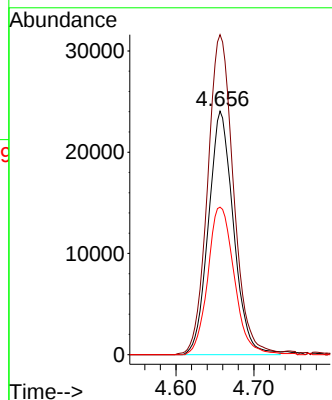
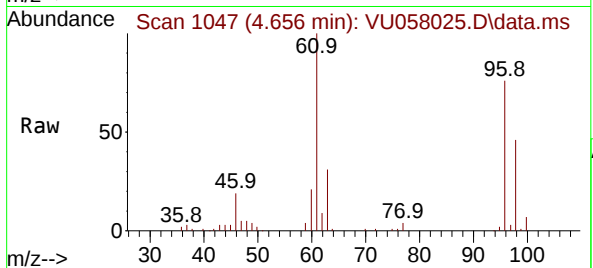




#22
cis-1,2-Dichloroethene
Concen: 5.246 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU058025.D
Acq: 08 Mar 2024 18:19

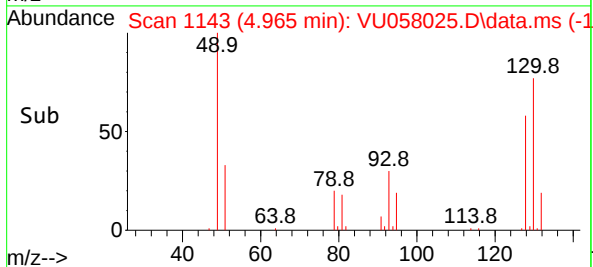
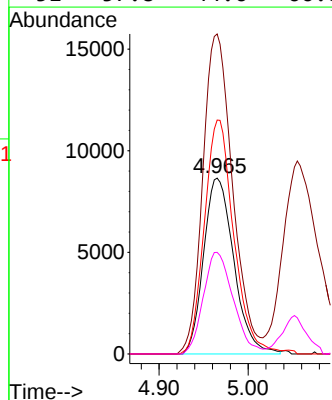
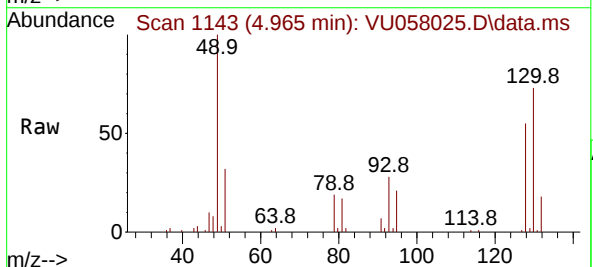
Instrument :
MSVOA_U
ClientSampleId :
DCNO6MS

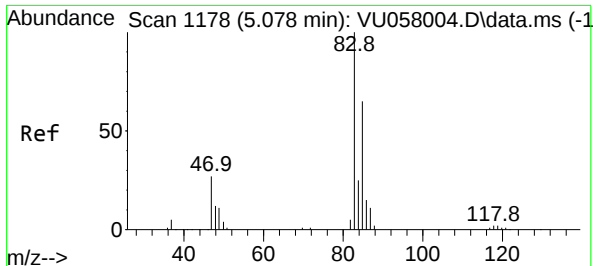
Tgt Ion: 96 Resp: 53700
Ion Ratio Lower Upper
96 100
61 131.4 97.2 180.4
98 60.6 45.5 84.5



#23
Bromochloromethane
Concen: 5.362 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VU058025.D
Acq: 08 Mar 2024 18:19

Tgt Ion:128 Resp: 20382
Ion Ratio Lower Upper
128 100
49 182.0 122.0 226.6
130 133.1 86.6 160.8
51 57.8 44.6 66.8





#25

Chloroform

Concen: 5.257 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU058025.D

Acq: 08 Mar 2024 18:19

Instrument :

MSVOA_U

ClientSampleId :

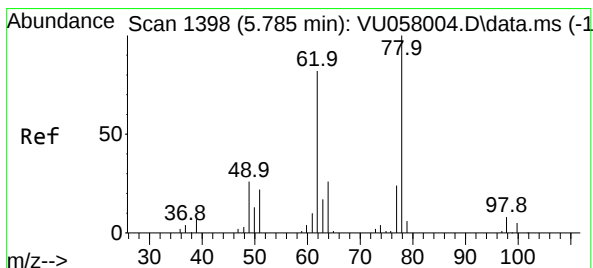
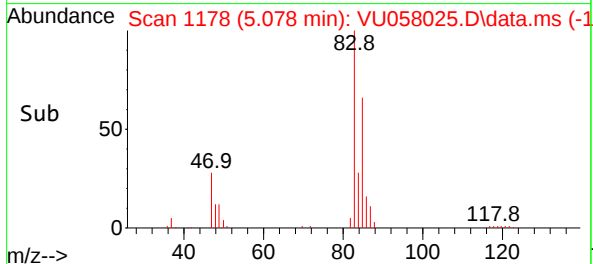
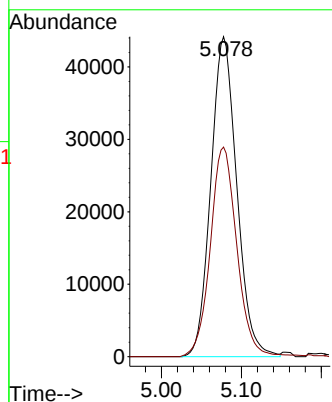
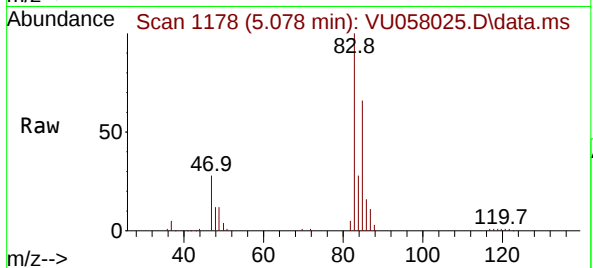
DCNO6MS

Tgt Ion: 83 Resp: 99610

Ion Ratio Lower Upper

83 100

85 65.5 45.4 84.4



#27

1,2-Dichloroethane

Concen: 5.479 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU058025.D

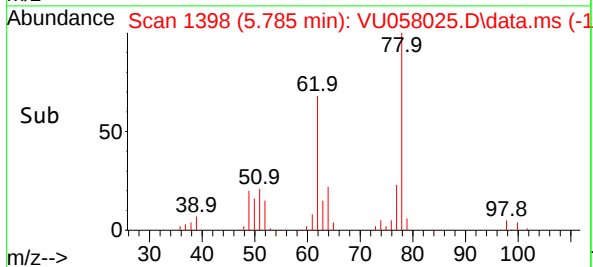
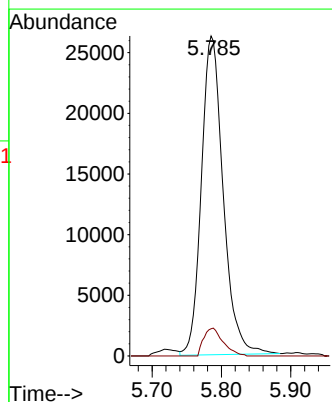
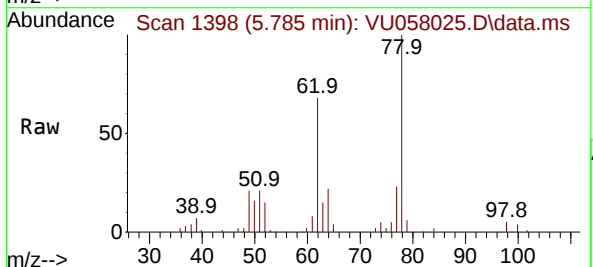
Acq: 08 Mar 2024 18:19

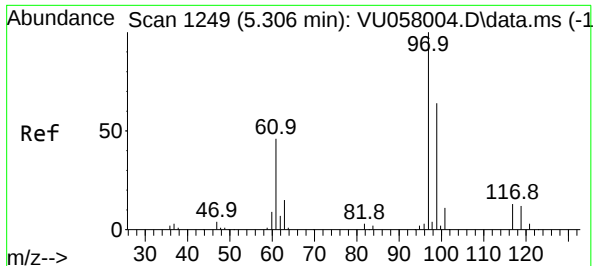
Tgt Ion: 62 Resp: 57479

Ion Ratio Lower Upper

62 100

98 8.5 7.0 10.4





#29

1,1,1-Trichloroethane

Concen: 5.357 ug/L

RT: 5.306 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU058025.D

Acq: 08 Mar 2024 18:19

Instrument :

MSVOA_U

ClientSampleId :

DCNO6MS

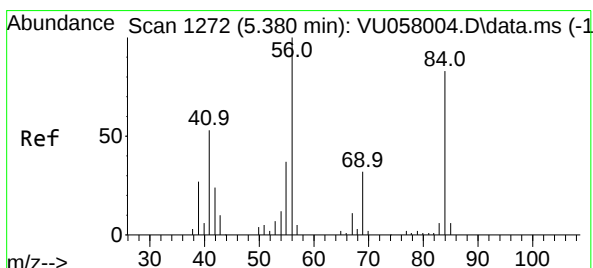
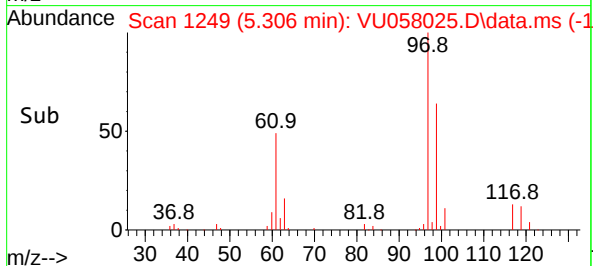
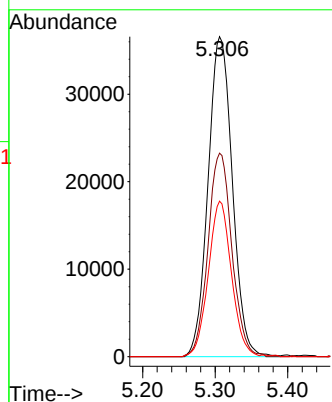
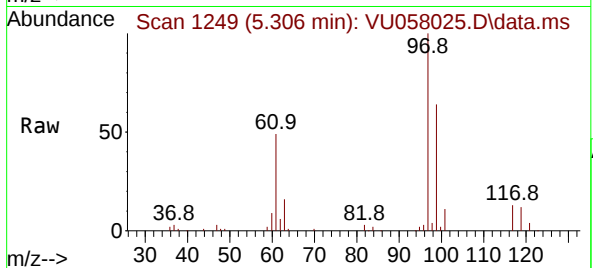
Tgt Ion: 97 Resp: 85174

Ion Ratio Lower Upper

97 100

99 62.6 51.2 76.8

61 46.2 37.4 56.2



#30

Cyclohexane

Concen: 4.910 ug/L

RT: 5.380 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VU058025.D

Acq: 08 Mar 2024 18:19

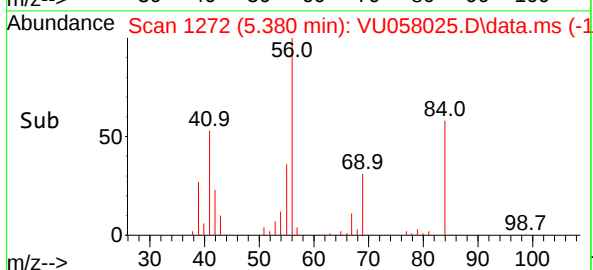
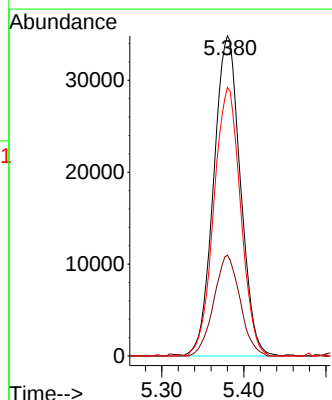
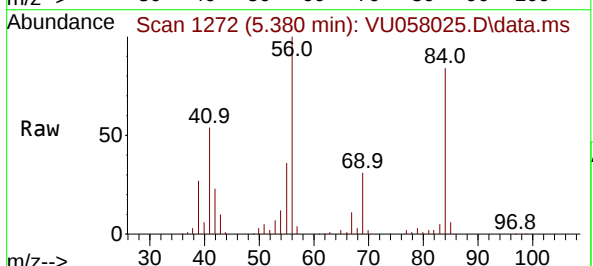
Tgt Ion: 56 Resp: 78835

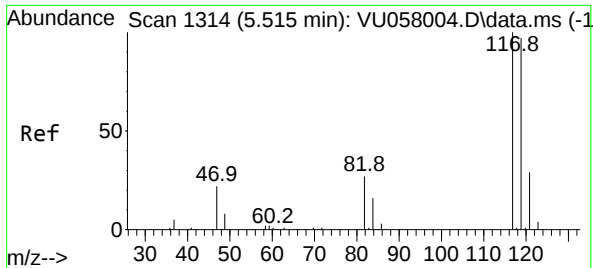
Ion Ratio Lower Upper

56 100

69 31.0 24.2 36.2

84 84.1 66.6 99.8

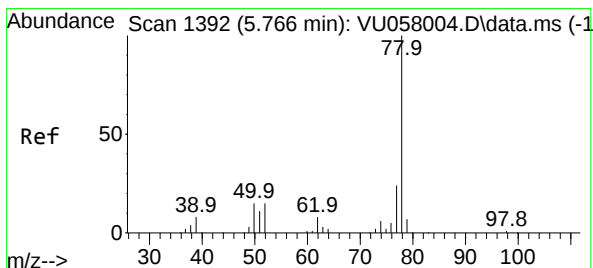
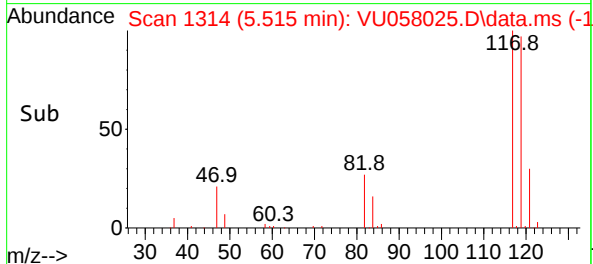
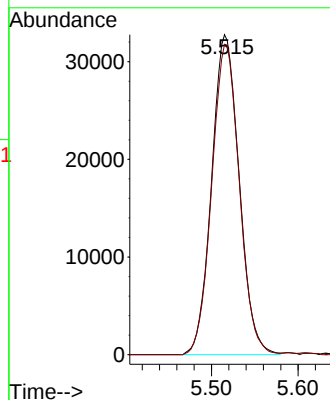
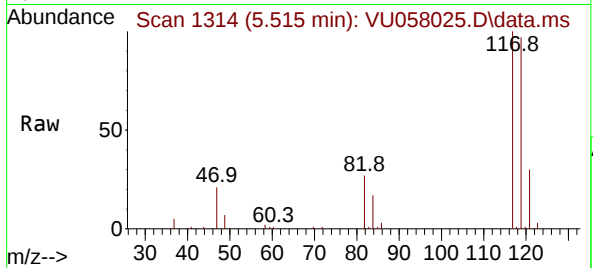




#31
Carbon tetrachloride
Concen: 5.242 ug/L
RT: 5.515 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU058025.D
Acq: 08 Mar 2024 18:19

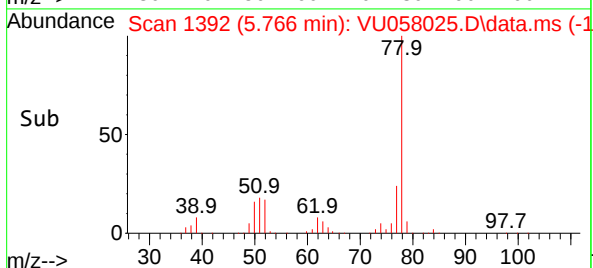
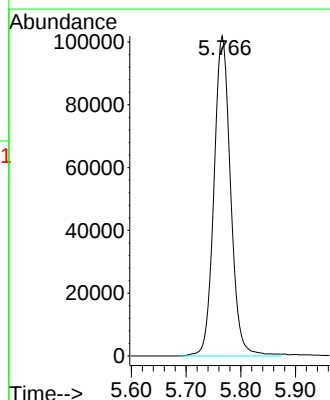
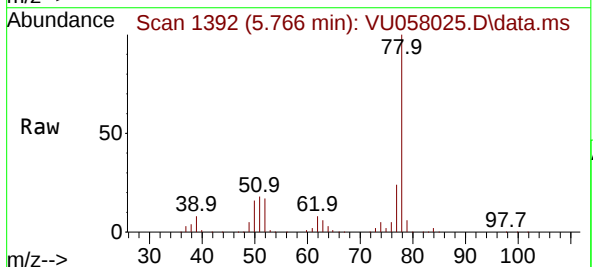
Instrument :
MSVOA_U
ClientSampleId :
DCNO6MS

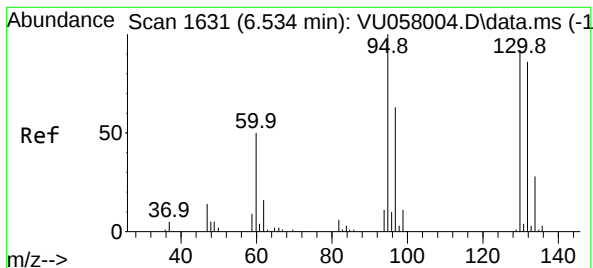
Tgt Ion:117 Resp: 72419
Ion Ratio Lower Upper
117 100
119 96.9 75.8 113.8



#33
Benzene
Concen: 5.259 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU058025.D
Acq: 08 Mar 2024 18:19

Tgt Ion: 78 Resp: 215587





#34

Trichloroethene

Concen: 5.153 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU058025.D

Acq: 08 Mar 2024 18:19

Instrument :

MSVOA_U

ClientSampleId :

DCNO6MS

Tgt Ion: 95 Resp: 55572

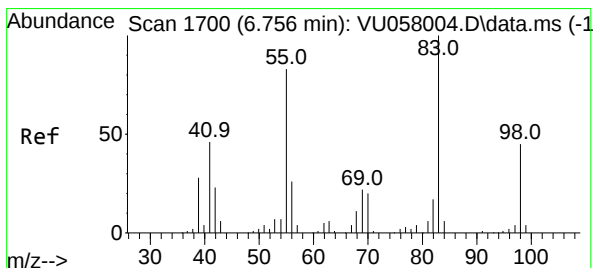
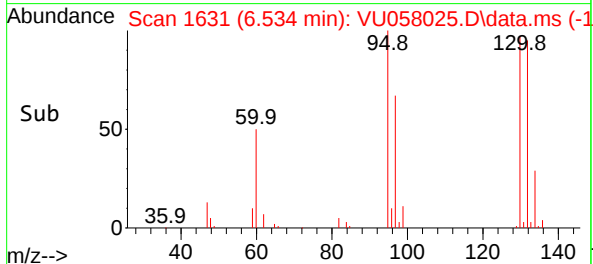
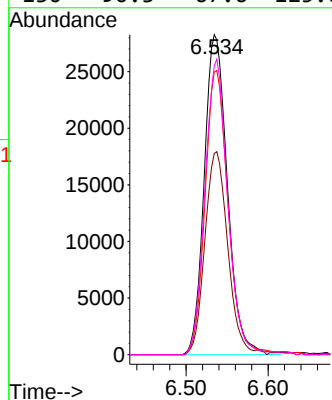
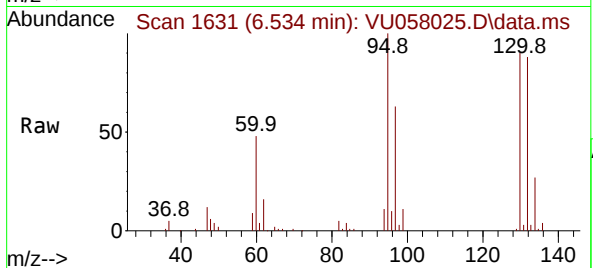
Ion Ratio Lower Upper

95 100

97 62.9 45.3 84.1

132 88.3 63.1 117.1

130 90.3 67.6 125.6



#35

Methylcyclohexane

Concen: 4.859 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU058025.D

Acq: 08 Mar 2024 18:19

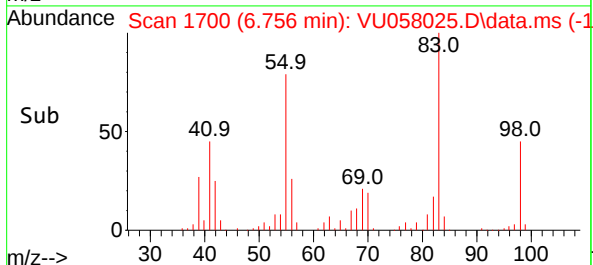
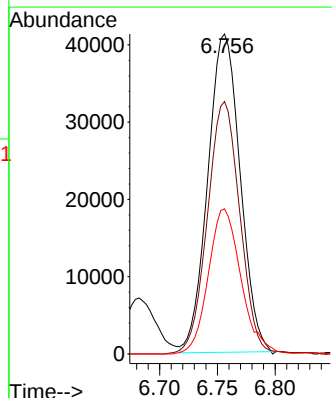
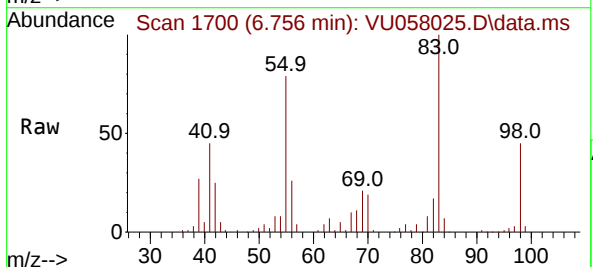
Tgt Ion: 83 Resp: 80336

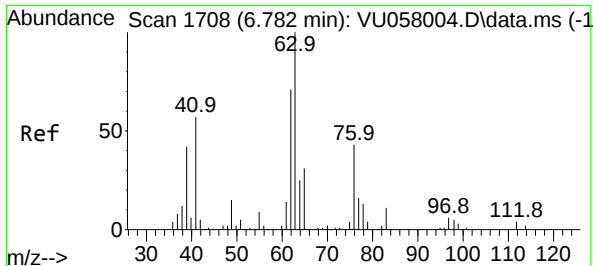
Ion Ratio Lower Upper

83 100

55 79.6 63.0 94.6

98 46.0 36.2 54.4

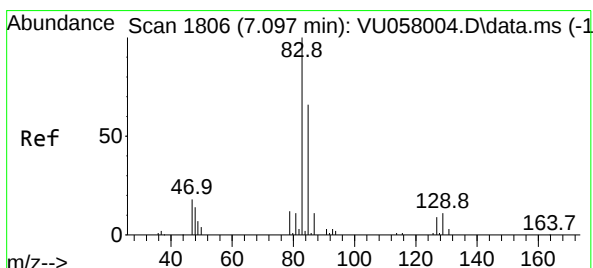
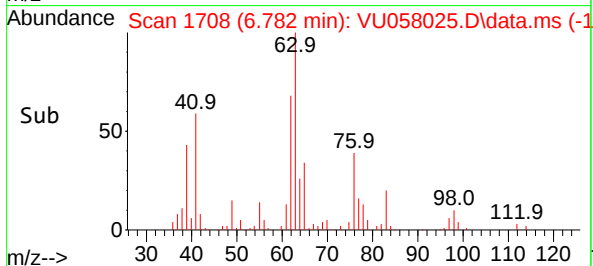
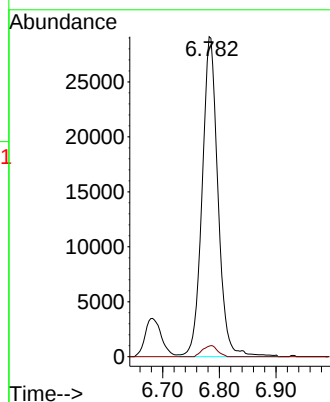
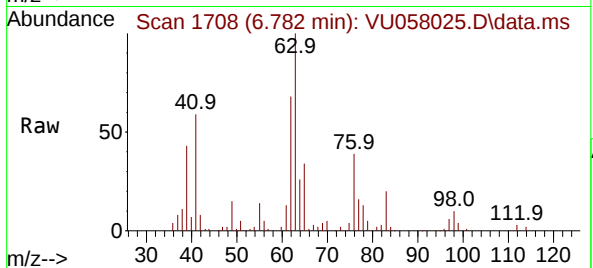




#37
1,2-Dichloropropane
Concen: 5.343 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU058025.D
Acq: 08 Mar 2024 18:19

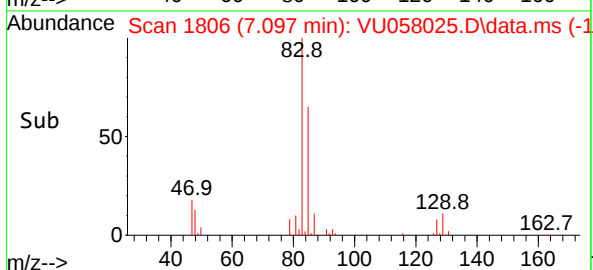
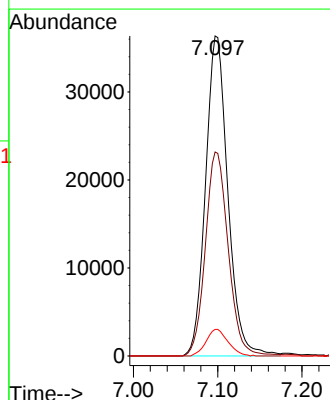
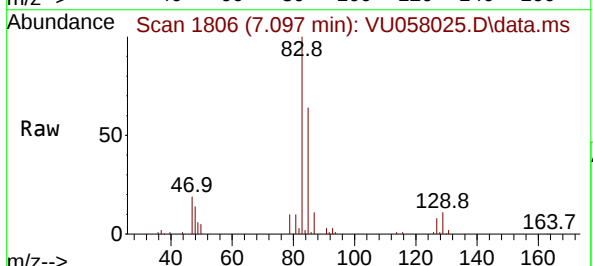
Instrument :
MSVOA_U
ClientSampleId :
DCNO6MS

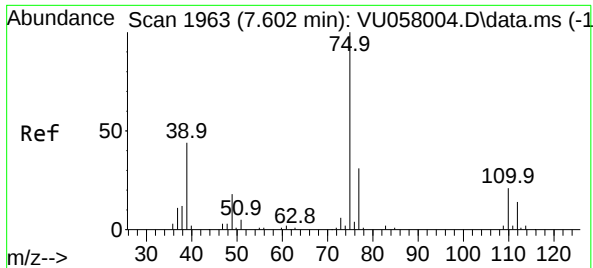
Tgt Ion: 63 Resp: 56474
Ion Ratio Lower Upper
63 100
112 3.3 3.0 4.4



#38
Bromodichloromethane
Concen: 5.222 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU058025.D
Acq: 08 Mar 2024 18:19

Tgt Ion: 83 Resp: 66965
Ion Ratio Lower Upper
83 100
85 63.7 44.5 82.7
127 8.3 6.6 9.8

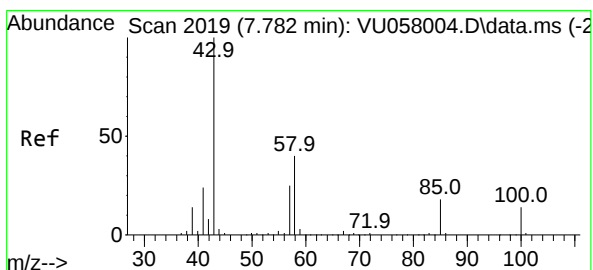
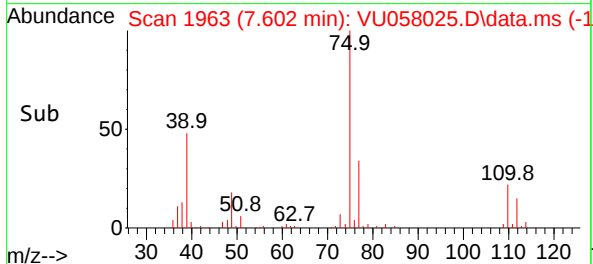
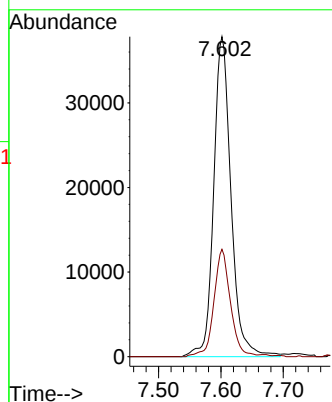
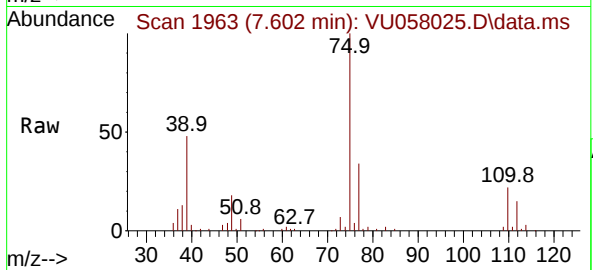




#39
 cis-1,3-Dichloropropene
 Concen: 5.022 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU058025.D
 Acq: 08 Mar 2024 18:19

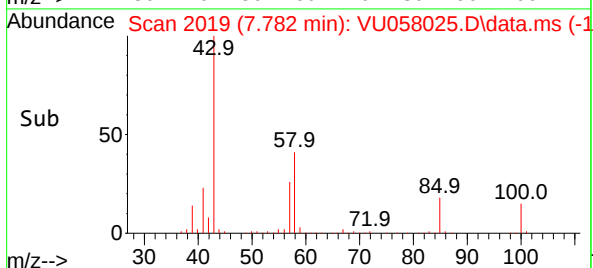
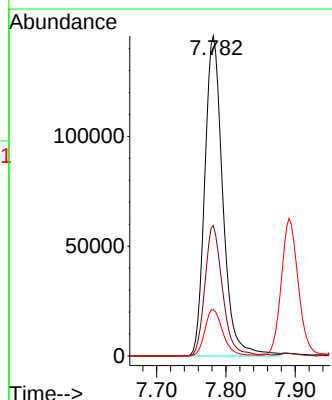
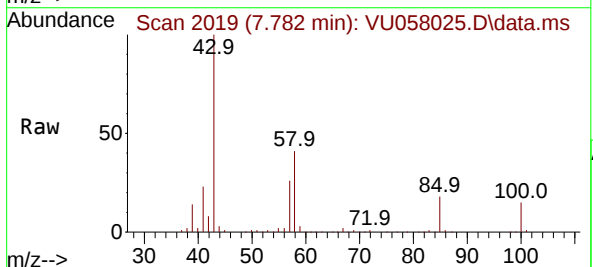
Instrument :
 MSVOA_U
 ClientSampleId :
 DCNO6MS

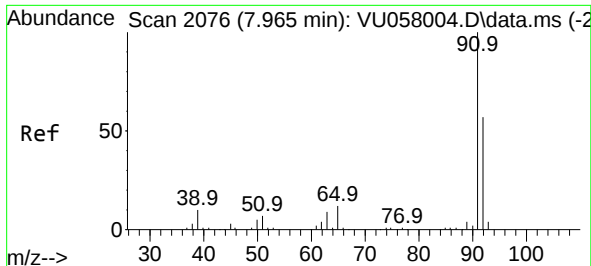
Tgt Ion: 75 Resp: 73132
 Ion Ratio Lower Upper
 75 100
 77 33.5 22.3 41.5



#40
 4-Methyl-2-pentanone
 Concen: 54.145 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VU058025.D
 Acq: 08 Mar 2024 18:19

Tgt Ion: 43 Resp: 263275
 Ion Ratio Lower Upper
 43 100
 58 39.8 31.7 47.5
 100 14.6 11.3 16.9





#42

Toluene

Concen: 5.243 ug/L

RT: 7.962 min Scan# 2076

Delta R.T. -0.003 min

Lab File: VU058025.D

Acq: 08 Mar 2024 18:19

Instrument :

MSVOA_U

ClientSampleId :

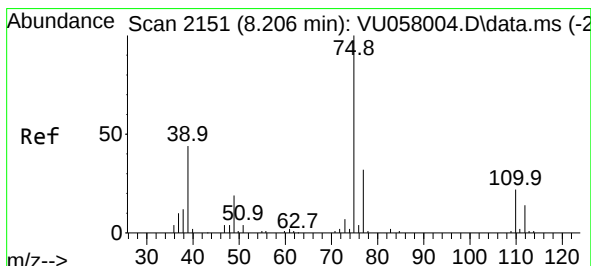
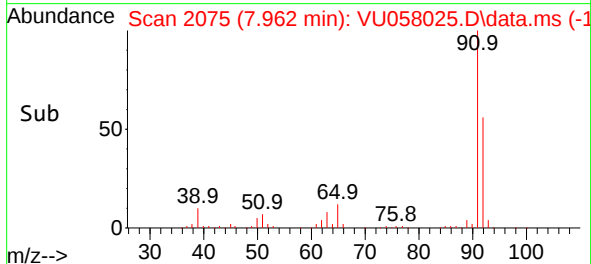
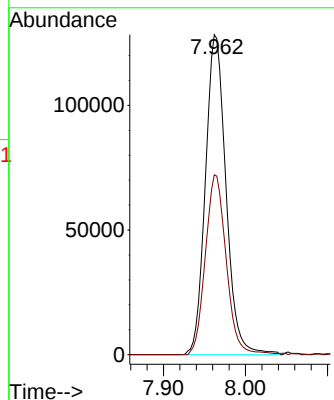
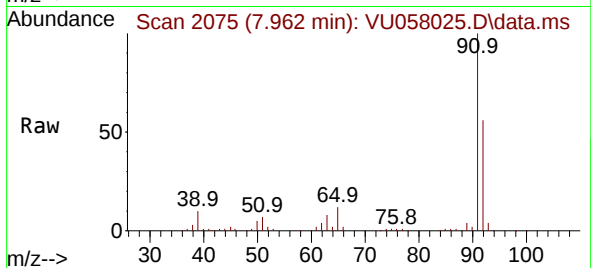
DCNO6MS

Tgt Ion: 91 Resp: 223818

Ion Ratio Lower Upper

91 100

92 56.2 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 5.148 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU058025.D

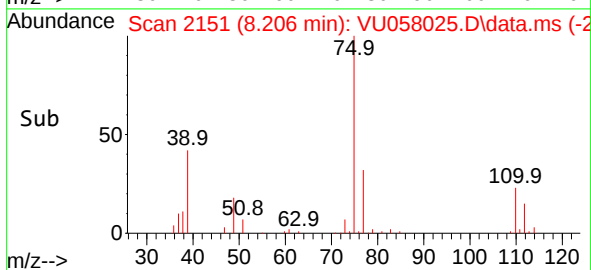
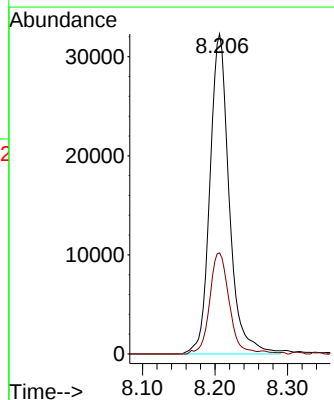
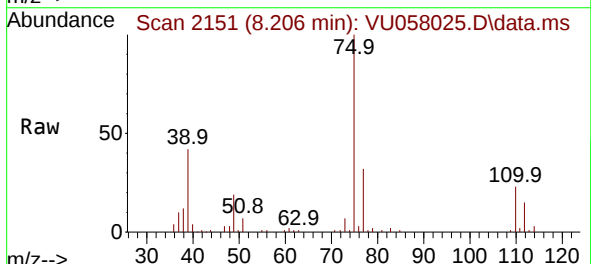
Acq: 08 Mar 2024 18:19

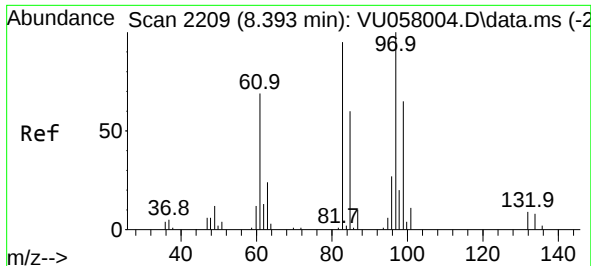
Tgt Ion: 75 Resp: 59741

Ion Ratio Lower Upper

75 100

77 31.6 23.1 42.9

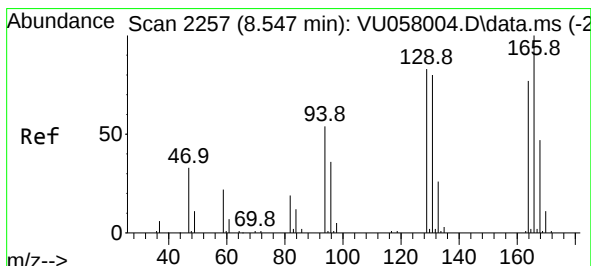
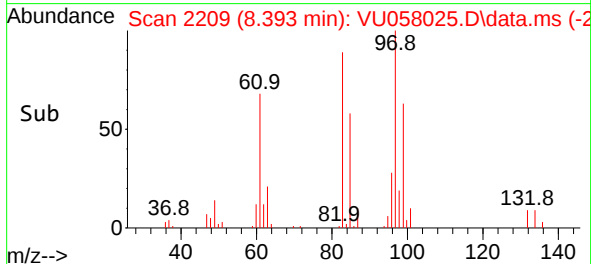
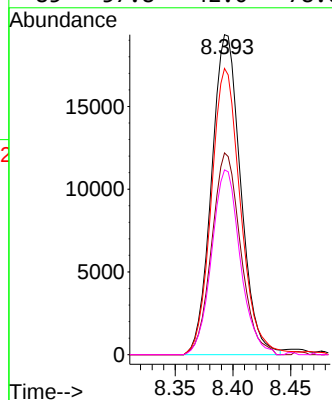
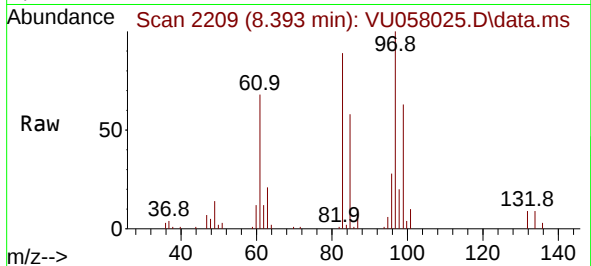




#45
1,1,2-Trichloroethane
Concen: 5.414 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU058025.D
Acq: 08 Mar 2024 18:19

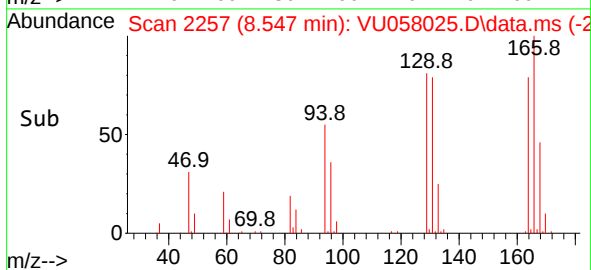
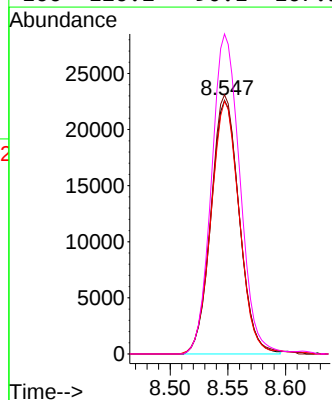
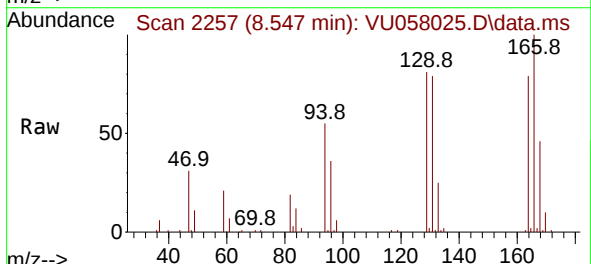
Instrument :
MSVOA_U
ClientSampleId :
DCNO6MS

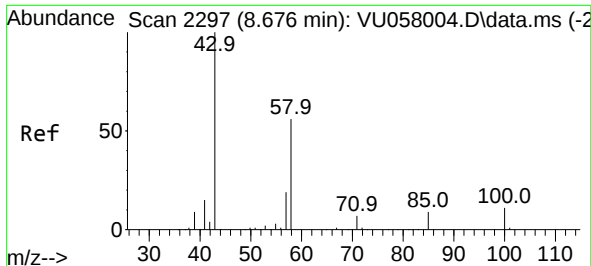
Tgt Ion:	97	Resp:	33932
Ion	Ratio	Lower	Upper
97	100		
99	63.0	44.2	82.2
83	89.4	64.2	119.2
85	57.8	42.0	78.0



#47
Tetrachloroethene
Concen: 5.123 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU058025.D
Acq: 08 Mar 2024 18:19

Tgt Ion:	164	Resp:	38330
Ion	Ratio	Lower	Upper
164	100		
129	102.2	69.3	128.7
131	99.8	69.9	129.9
166	126.2	90.1	167.3

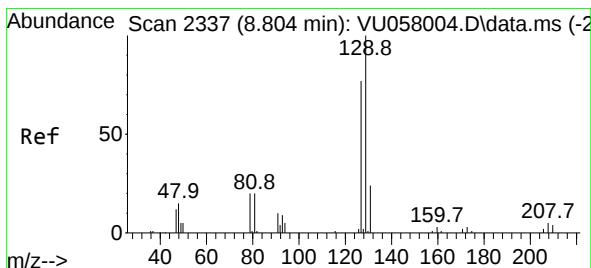
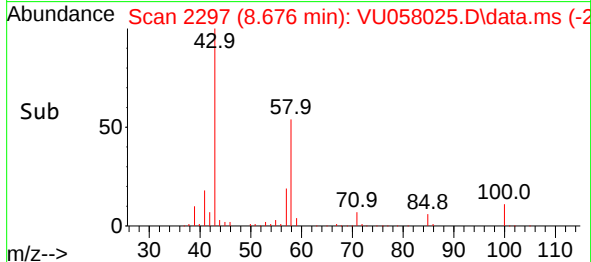
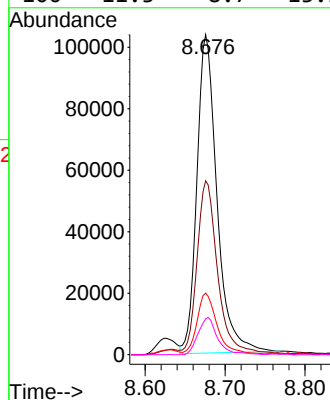
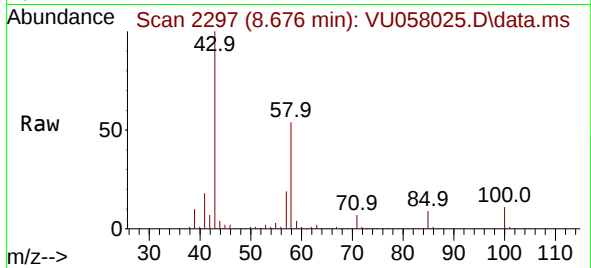




#48
2-Hexanone
Concen: 50.882 ug/L
RT: 8.676 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU058025.D
Acq: 08 Mar 2024 18:19

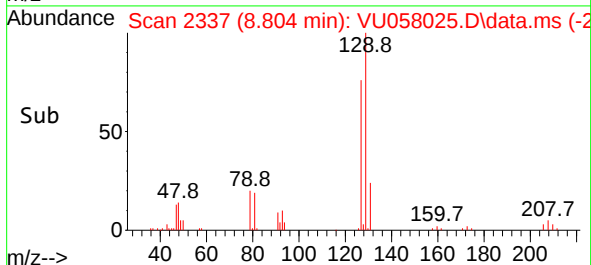
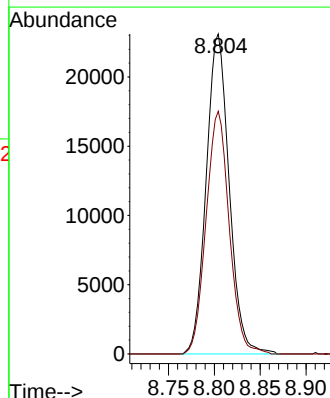
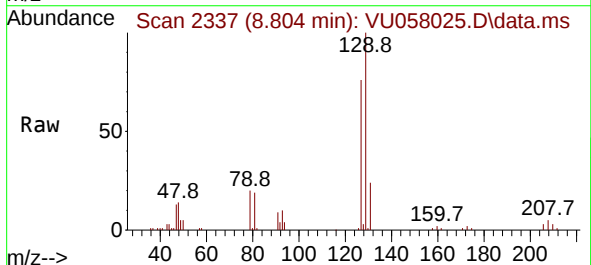
Instrument :
MSVOA_U
ClientSampleId :
DCNO6MS

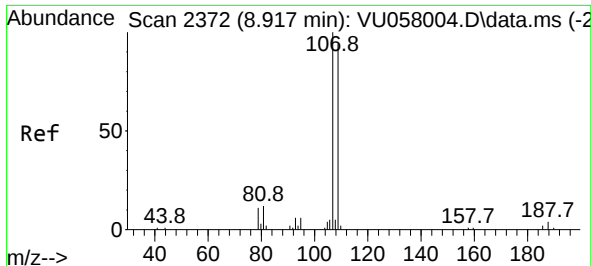
Tgt Ion: 43 Resp: 181438
Ion Ratio Lower Upper
43 100
58 55.6 43.3 64.9
57 19.1 15.2 22.8
100 11.3 8.7 13.1



#49
Dibromochloromethane
Concen: 5.433 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU058025.D
Acq: 08 Mar 2024 18:19

Tgt Ion: 129 Resp: 40307
Ion Ratio Lower Upper
129 100
127 75.8 55.2 102.6





#50

1,2-Dibromoethane

Concen: 5.552 ug/L

RT: 8.917 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU058025.D

Acq: 08 Mar 2024 18:19

Instrument :

MSVOA_U

ClientSampleId :

DCNO6MS

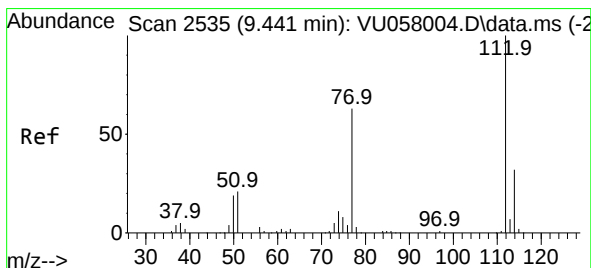
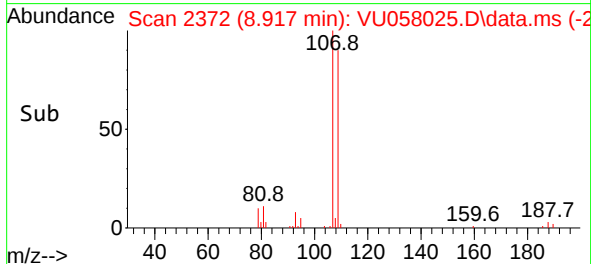
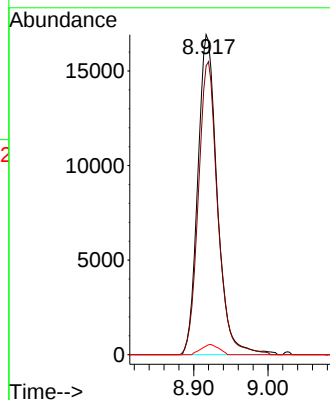
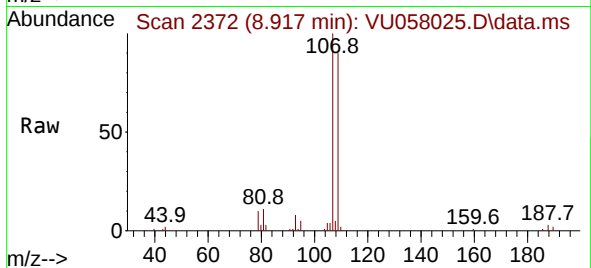
Tgt Ion:107 Resp: 30878

Ion Ratio Lower Upper

107 100

109 90.2 67.8 125.8

188 2.7 2.4 3.6



#51

Chlorobenzene

Concen: 5.163 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.000 min

Lab File: VU058025.D

Acq: 08 Mar 2024 18:19

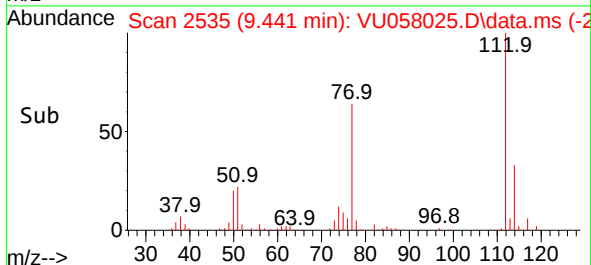
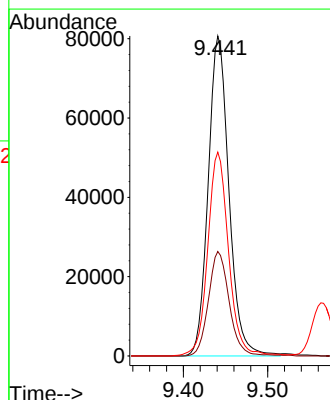
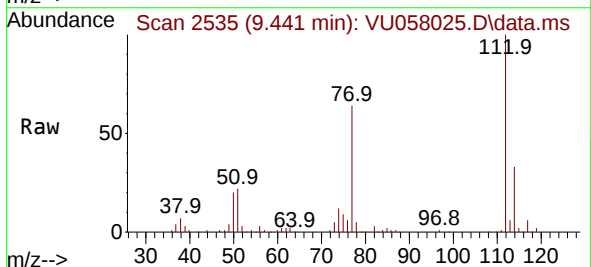
Tgt Ion:112 Resp: 138211

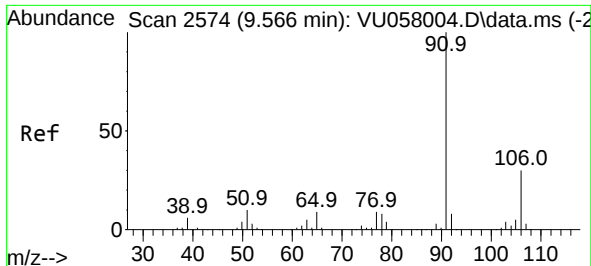
Ion Ratio Lower Upper

112 100

114 32.7 22.7 42.1

77 63.7 52.3 78.5

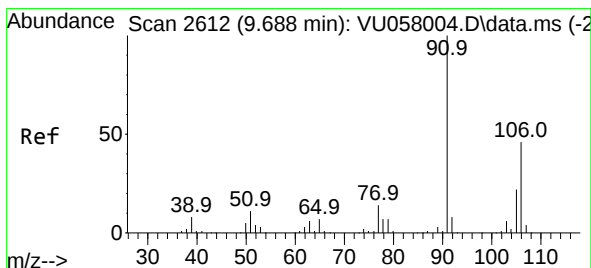
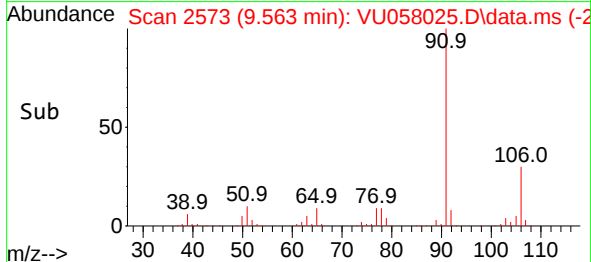
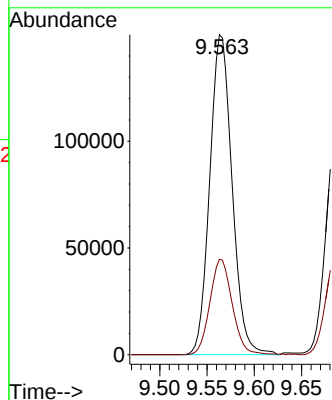
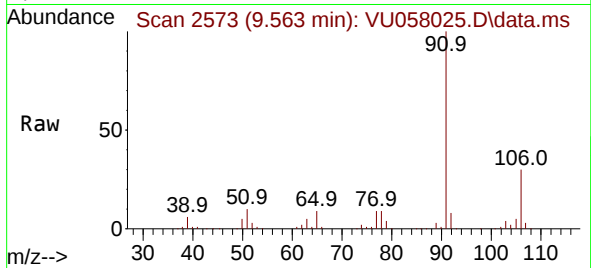




#52
Ethylbenzene
Concen: 5.155 ug/L
RT: 9.563 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU058025.D
Acq: 08 Mar 2024 18:19

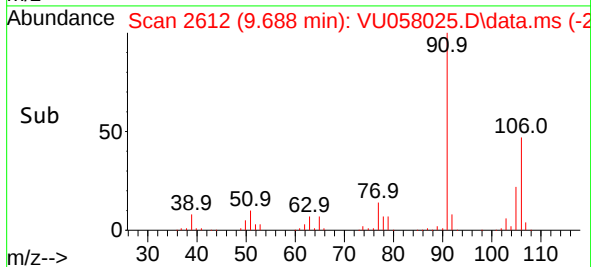
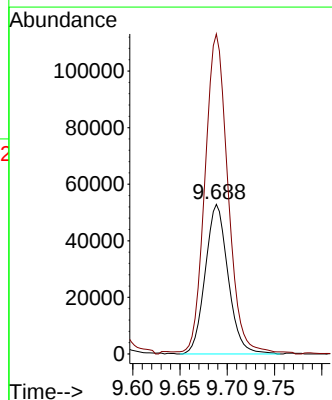
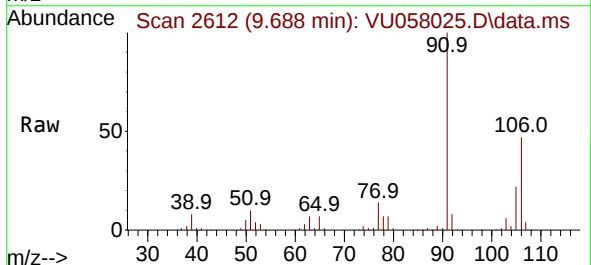
Instrument :
MSVOA_U
ClientSampleId :
DCNO6MS

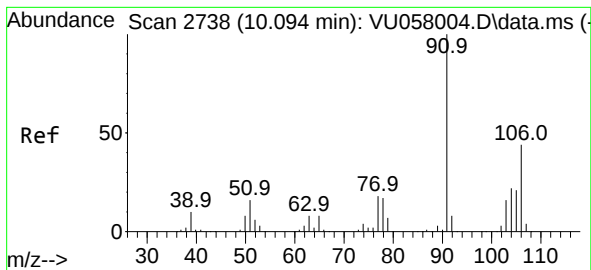
Tgt Ion: 91 Resp: 246268
Ion Ratio Lower Upper
91 100
106 29.8 20.9 38.7



#53
m,p-Xylene
Concen: 5.214 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU058025.D
Acq: 08 Mar 2024 18:19

Tgt Ion:106 Resp: 88985
Ion Ratio Lower Upper
106 100
91 213.8 148.8 276.4





#54

o-Xylene

Concen: 5.099 ug/L

RT: 10.094 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU058025.D

Acq: 08 Mar 2024 18:19

Instrument :

MSVOA_U

ClientSampleId :

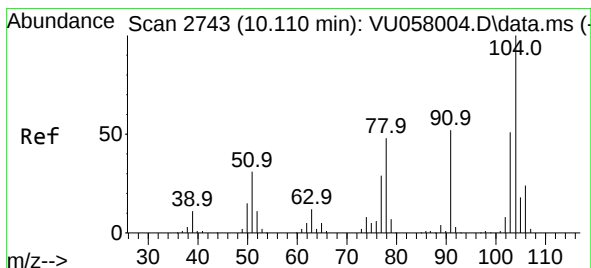
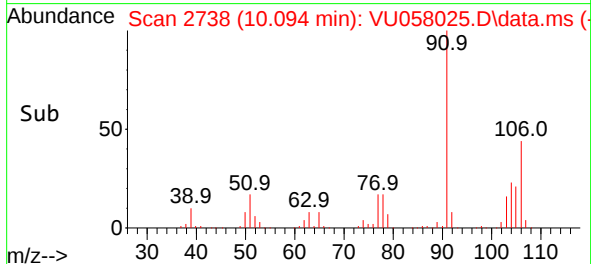
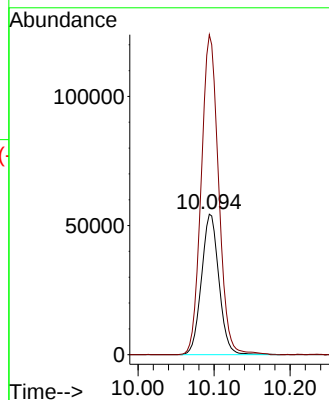
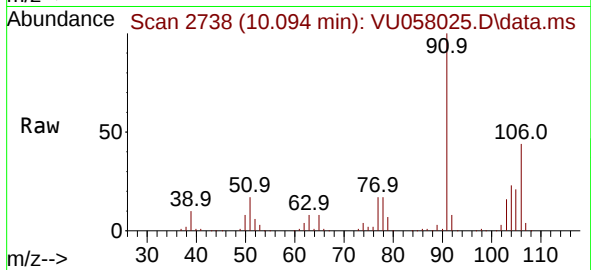
DCNO6MS

Tgt Ion:106 Resp: 86731

Ion Ratio Lower Upper

106 100

91 227.8 158.3 294.1



#55

Styrene

Concen: 5.302 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. 0.000 min

Lab File: VU058025.D

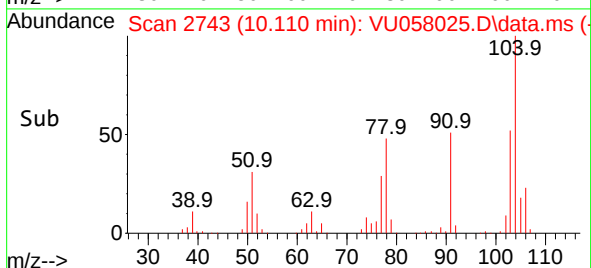
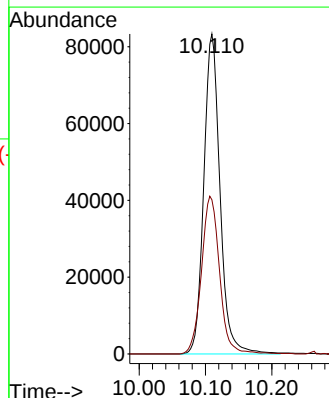
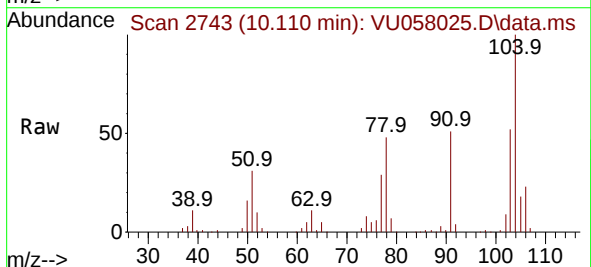
Acq: 08 Mar 2024 18:19

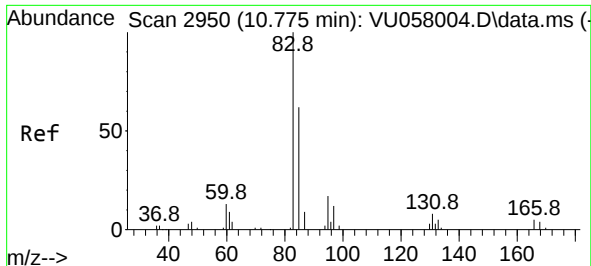
Tgt Ion:104 Resp: 141557

Ion Ratio Lower Upper

104 100

78 48.2 34.2 63.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.566 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU058025.D

Acq: 08 Mar 2024 18:19

Instrument :

MSVOA_U

ClientSampleId :

DCNO6MS

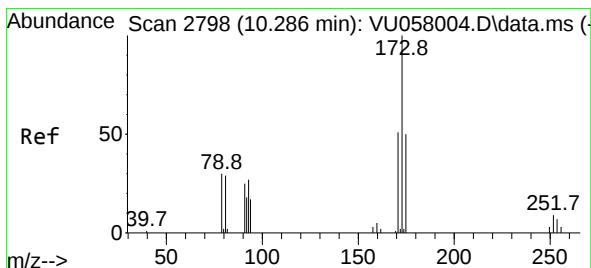
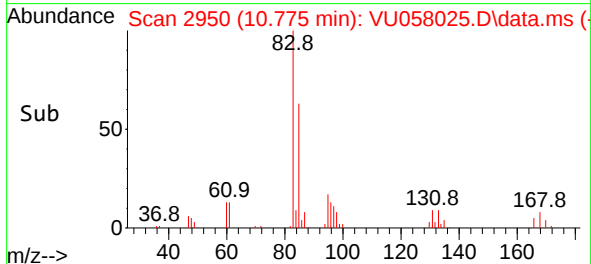
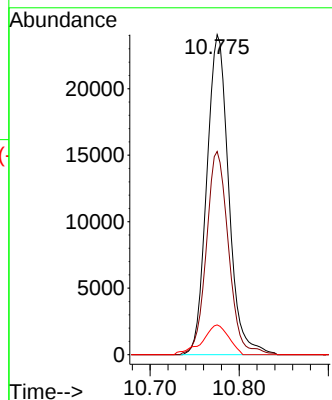
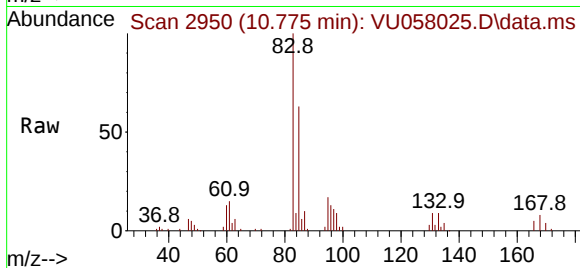
Tgt Ion: 83 Resp: 41094

Ion Ratio Lower Upper

83 100

85 63.5 44.0 81.6

131 9.3 6.9 10.3



#59

Bromoform

Concen: 5.270 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. 0.000 min

Lab File: VU058025.D

Acq: 08 Mar 2024 18:19

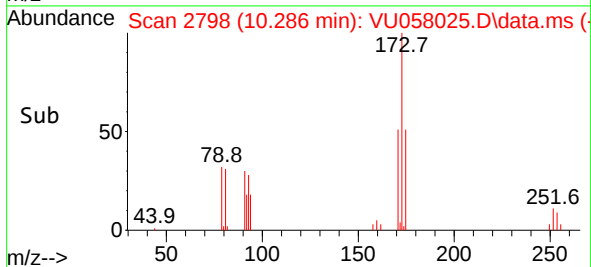
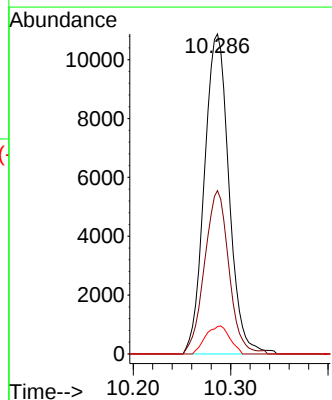
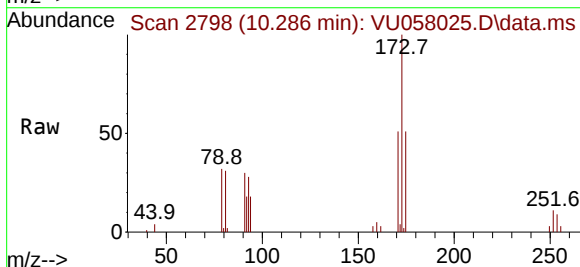
Tgt Ion:173 Resp: 19031

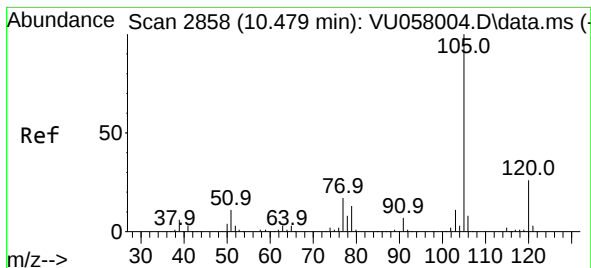
Ion Ratio Lower Upper

173 100

175 50.7 38.6 57.8

254 8.6 7.3 10.9





#60

Isopropylbenzene

Concen: 5.268 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU058025.D

Acq: 08 Mar 2024 18:19

Instrument :

MSVOA_U

ClientSampleId :

DCNO6MS

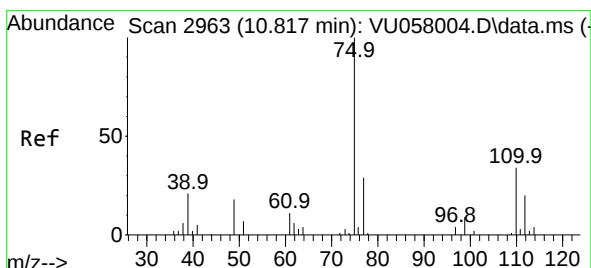
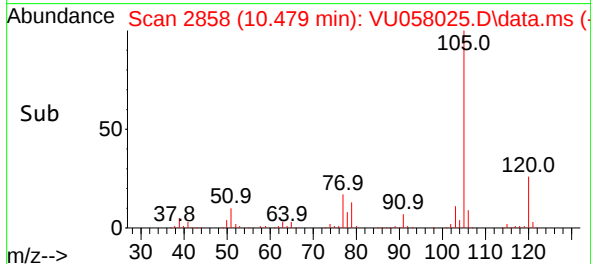
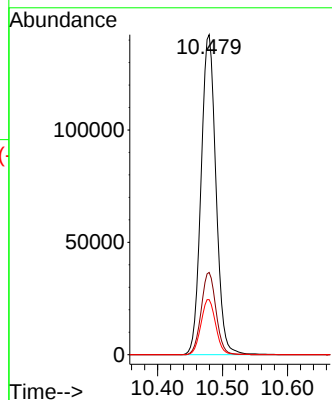
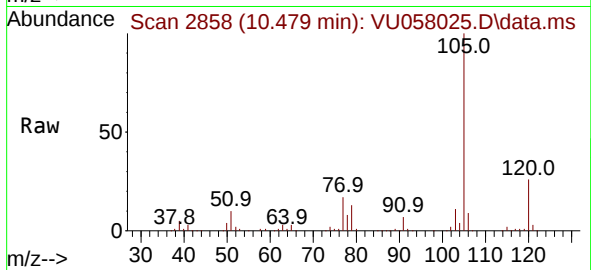
Tgt Ion:105 Resp: 227194

Ion Ratio Lower Upper

105 100

120 25.6 20.4 30.6

77 17.1 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 5.476 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU058025.D

Acq: 08 Mar 2024 18:19

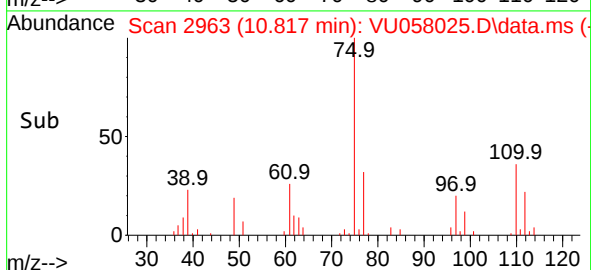
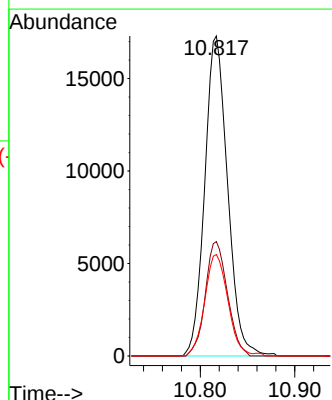
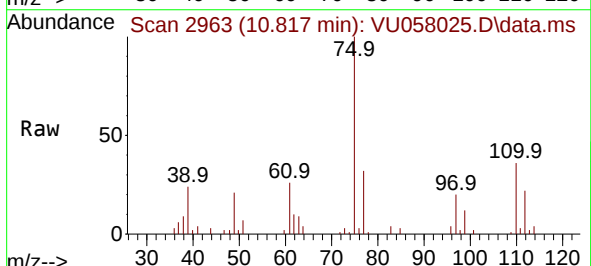
Tgt Ion: 75 Resp: 29045

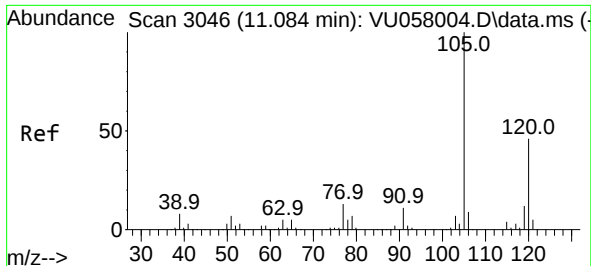
Ion Ratio Lower Upper

75 100

110 34.6 28.0 42.0

77 32.0 24.7 37.1





#62

1,3,5-Trimethylbenzene

Concen: 5.180 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU058025.D

Acq: 08 Mar 2024 18:19

Instrument :

MSVOA_U

ClientSampleId :

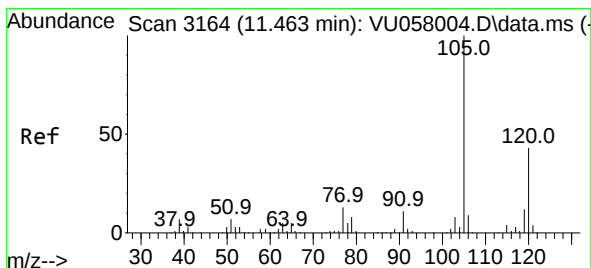
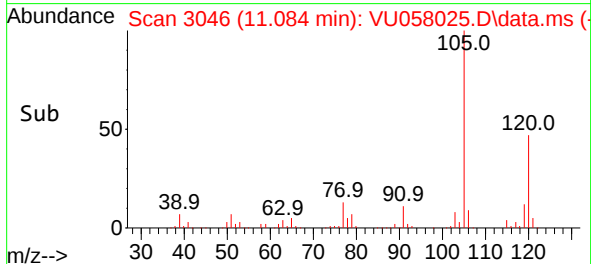
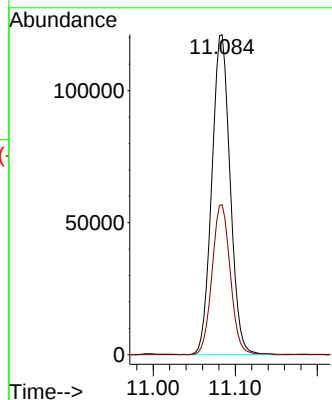
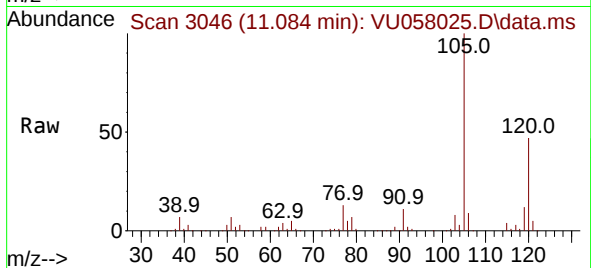
DCNO6MS

Tgt Ion:105 Resp: 188409

Ion Ratio Lower Upper

105 100

120 46.6 37.1 55.7



#63

1,2,4-Trimethylbenzene

Concen: 5.315 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU058025.D

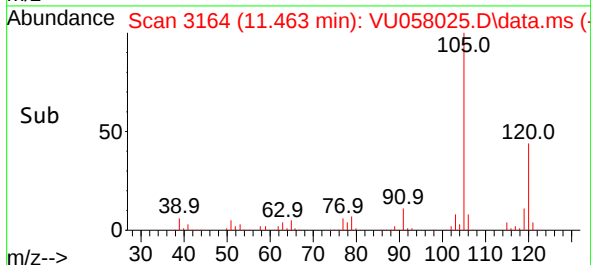
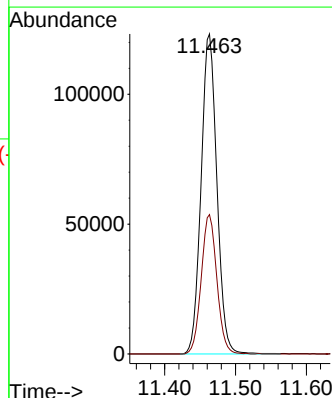
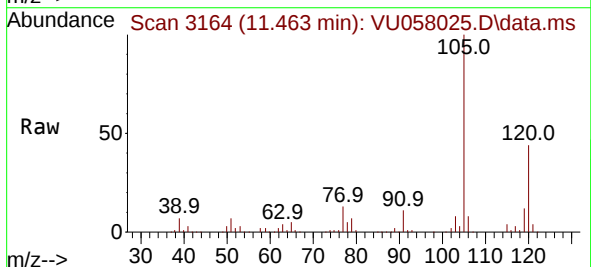
Acq: 08 Mar 2024 18:19

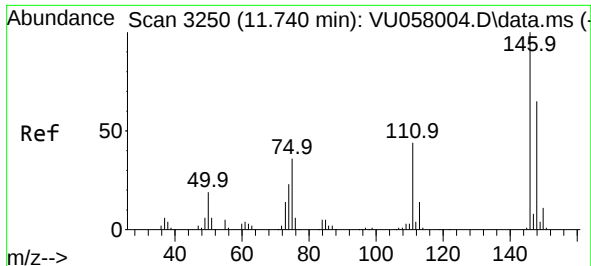
Tgt Ion:105 Resp: 190808

Ion Ratio Lower Upper

105 100

120 43.1 34.8 52.2

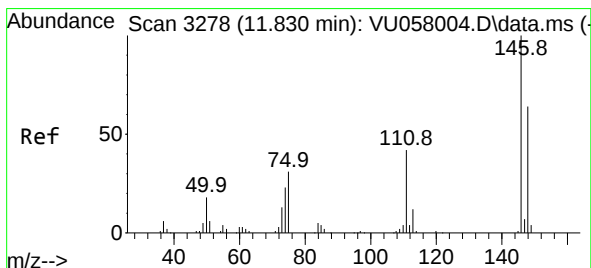
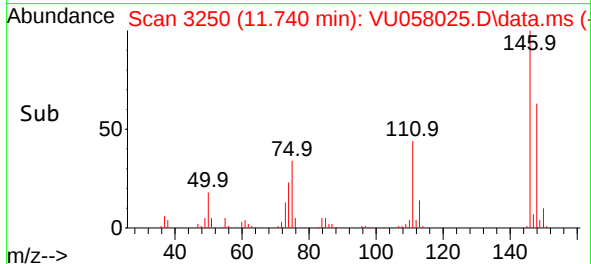
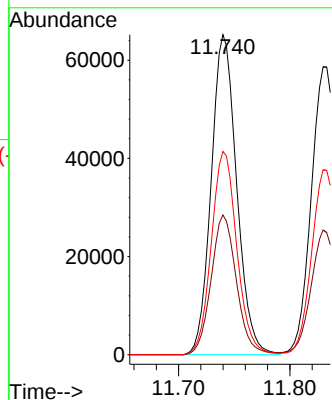
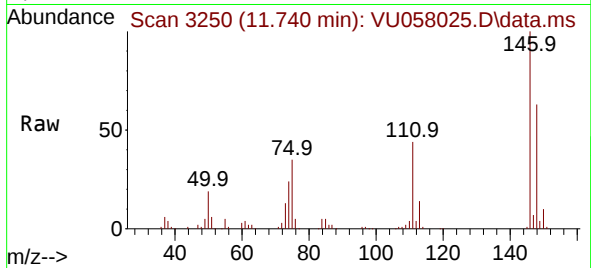




#64
1,3-Dichlorobenzene
Concen: 5.285 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU058025.D
Acq: 08 Mar 2024 18:19

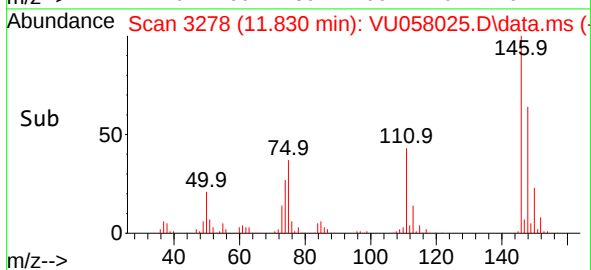
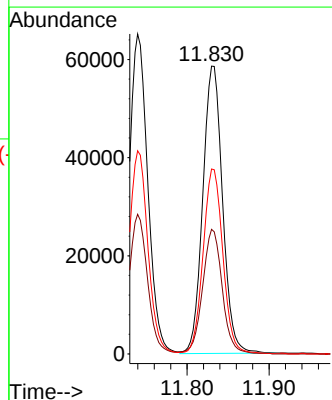
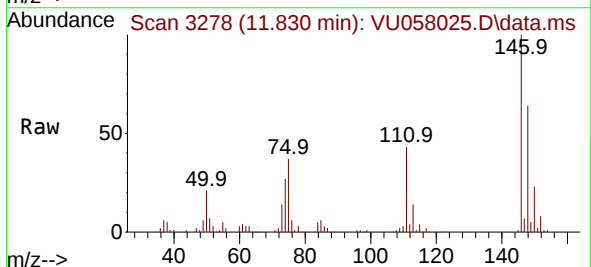
Instrument :
MSVOA_U
ClientSampleId :
DCNO6MS

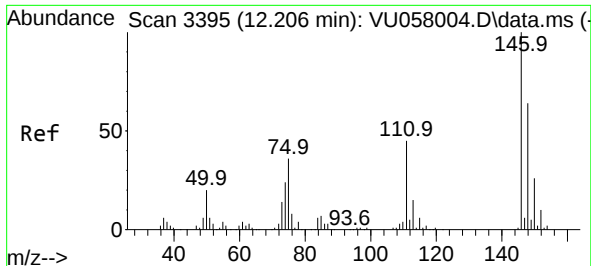
Tgt Ion:146 Resp: 103608
Ion Ratio Lower Upper
146 100
111 43.7 30.9 57.5
148 63.5 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 5.115 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU058025.D
Acq: 08 Mar 2024 18:19

Tgt Ion:146 Resp: 98149
Ion Ratio Lower Upper
146 100
111 43.3 30.1 55.9
148 64.2 45.0 83.6





#67

1,2-Dichlorobenzene

Concen: 5.303 ug/L

RT: 12.206 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU058025.D

Acq: 08 Mar 2024 18:19

Instrument :

MSVOA_U

ClientSampleId :

DCNO6MS

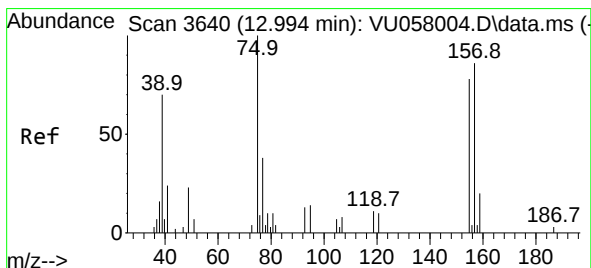
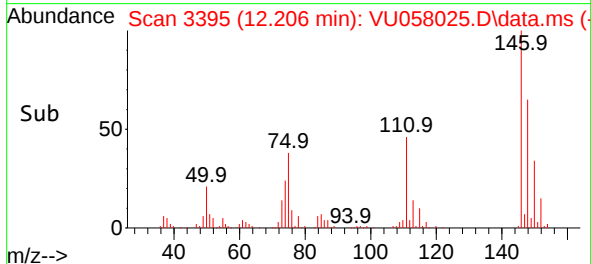
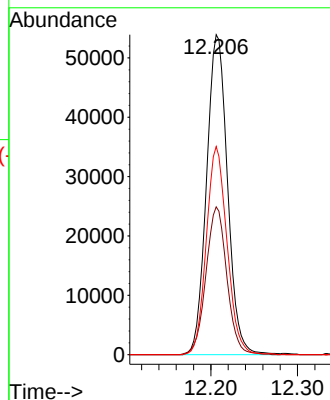
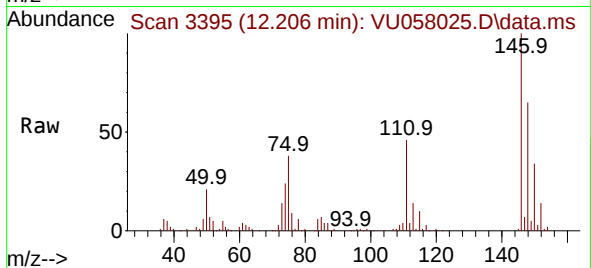
Tgt Ion:146 Resp: 90758

Ion Ratio Lower Upper

146 100

111 46.2 37.4 56.0

148 65.1 50.8 76.2



#68

1,2-Dibromo-3-chloropropane

Concen: 5.588 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.003 min

Lab File: VU058025.D

Acq: 08 Mar 2024 18:19

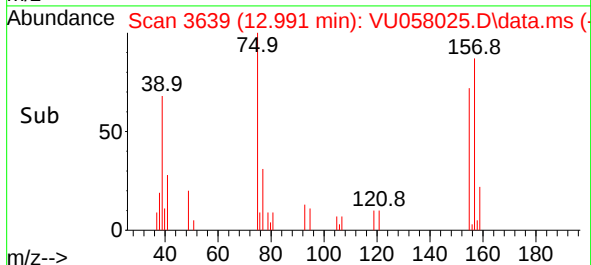
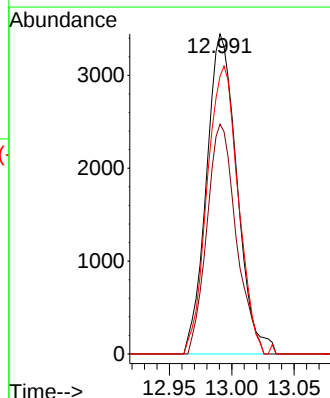
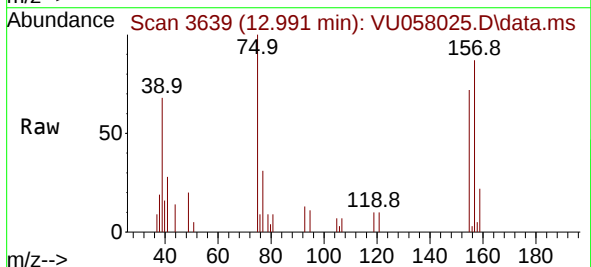
Tgt Ion: 75 Resp: 5881

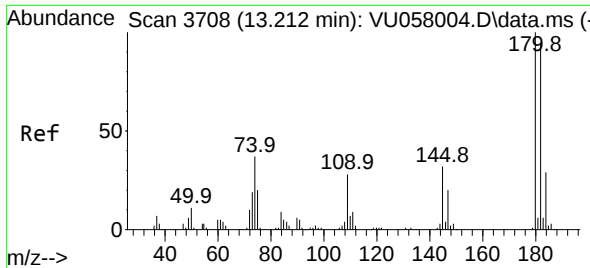
Ion Ratio Lower Upper

75 100

155 71.8 61.0 91.6

157 86.8 74.6 112.0





#69

1,3,5-Trichlorobenzene

Concen: 4.992 ug/L

RT: 13.212 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU058025.D

Acq: 08 Mar 2024 18:19

Instrument :

MSVOA_U

ClientSampleId :

DCNO6MS

Tgt Ion:180 Resp: 70393

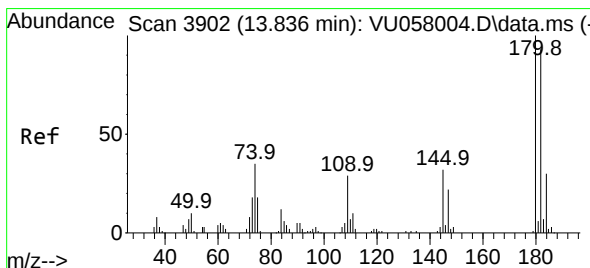
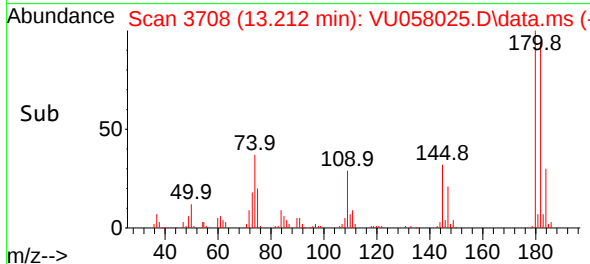
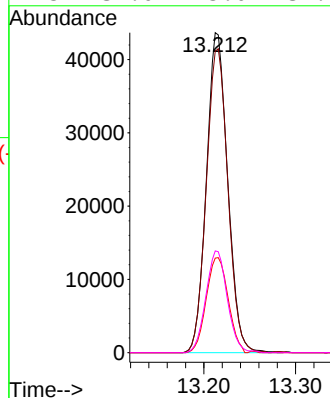
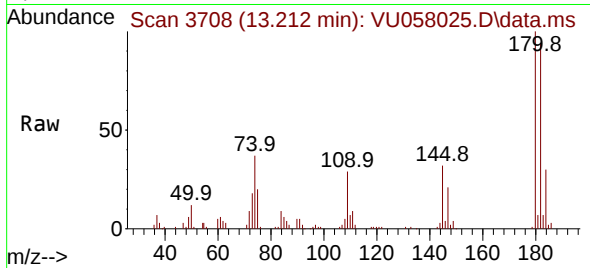
Ion Ratio Lower Upper

180 100

182 96.5 76.3 114.5

184 30.7 24.6 36.8

145 32.0 25.0 37.6



#70

1,2,4-trichlorobenzene

Concen: 5.111 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.003 min

Lab File: VU058025.D

Acq: 08 Mar 2024 18:19

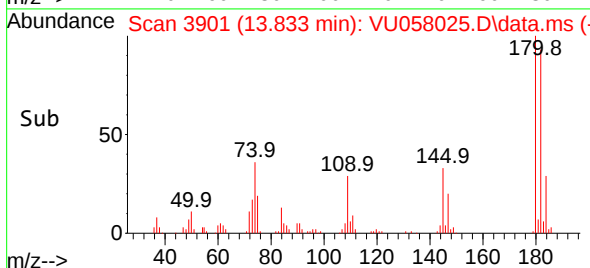
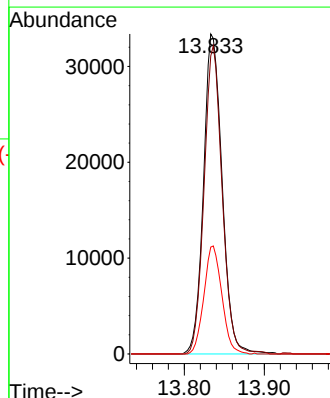
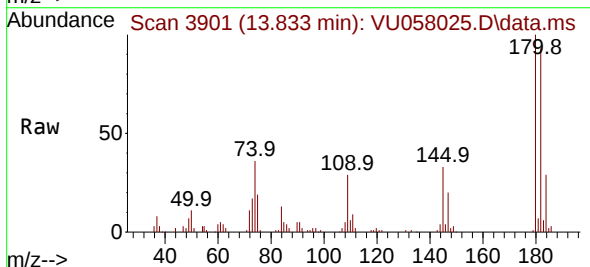
Tgt Ion:180 Resp: 54151

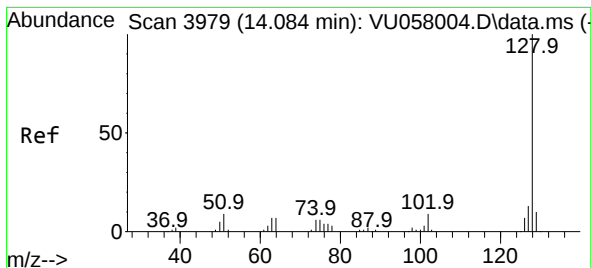
Ion Ratio Lower Upper

180 100

182 93.6 77.9 116.9

145 32.5 25.8 38.8





#71

Naphthalene

Concen: 4.668 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. 0.000 min

Lab File: VU058025.D

Acq: 08 Mar 2024 18:19

Instrument :

MSVOA_U

ClientSampleId :

DCNO6MS

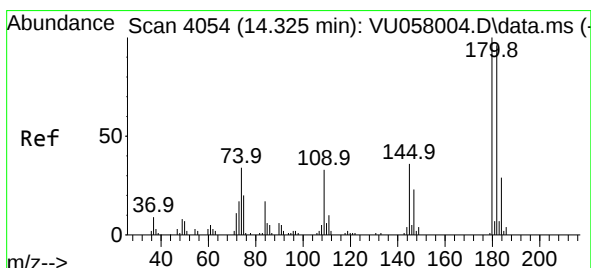
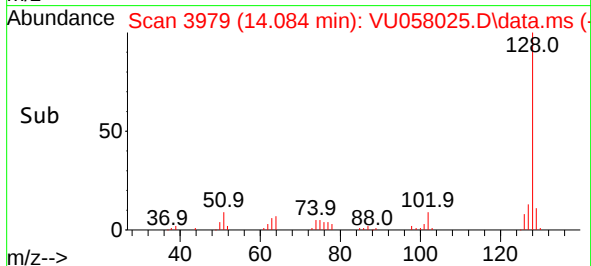
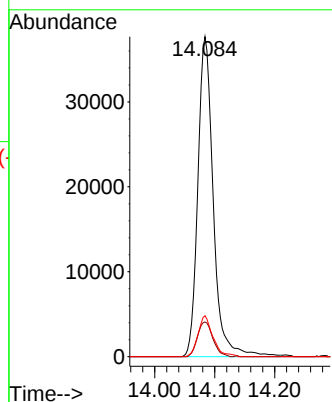
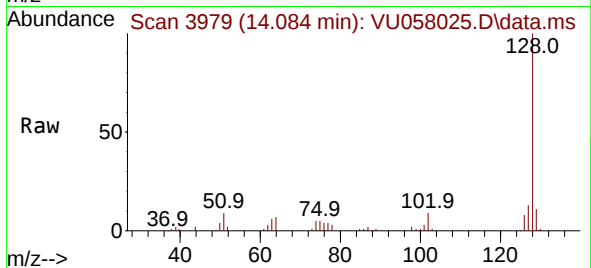
Tgt Ion:128 Resp: 67540

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.6

127 12.4 10.6 16.0



#72

1,2,3-Trichlorobenzene

Concen: 5.125 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VU058025.D

Acq: 08 Mar 2024 18:19

Tgt Ion:180 Resp: 42888

Ion Ratio Lower Upper

180 100

182 93.3 77.6 116.4

145 33.6 28.7 43.1

