

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111023\
 Data File : VU056175.D
 Acq On : 10 Nov 2023 16:31
 Operator : MD/SY
 Sample : 05340-21MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCDM5MS

Quant Time: Nov 10 22:22:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 10 22:17:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	373631	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	367235	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	191535	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	95142	4.102	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.000%
7) Chloroethane-d5	1.907	69	68491	4.352	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.000%
11) 1,1-Dichloroethene-d2	2.563	65	43910	4.298	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.000%
20) 2-Butanone-d5	4.621	46	209208	54.987	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.980%
24) Chloroform-d	5.055	84	209027	4.735	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.695	65	93532	4.812	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	5.721	84	415696	4.713	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.685	67	122120	4.704	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.894	98	381620	4.722	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
43) trans-1,3-Dichloroprop...	8.177	79	45055	4.540	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.631	63	197614	60.752	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.500%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	98348	5.307	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	137398	4.652	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	152100	4.800	ug/L	99
3) Chloromethane	1.515	50	142165	4.789	ug/L	95
5) Vinyl chloride	1.602	62	147634	4.808	ug/L	99
6) Bromomethane	1.853	94	82346	4.669	ug/L	98
8) Chloroethane	1.930	64	78750	4.730	ug/L	100
9) Trichlorofluoromethane	2.133	101	200092	4.927	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	130059	5.027	ug/L	98
12) 1,1-Dichloroethene	2.576	96	117499	4.893	ug/L	97
13) Acetone	2.631	43	164705	58.700	ug/L	99
14) Carbon disulfide	2.788	76	382724	4.677	ug/L	100
15) Methyl Acetate	2.949	43	37843	4.780	ug/L	99
16) Methylene chloride	3.039	84	130294	4.732	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	278914	5.155	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	124652	4.898	ug/L	97
19) 1,1-Dichloroethane	3.862	63	233671	5.034	ug/L	98
21) 2-Butanone	4.702	43	260303	56.252	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	142461	5.186	ug/L	99
23) Bromochloromethane	4.968	128	61803	5.071	ug/L	97
25) Chloroform	5.081	83	248419	5.022	ug/L	100

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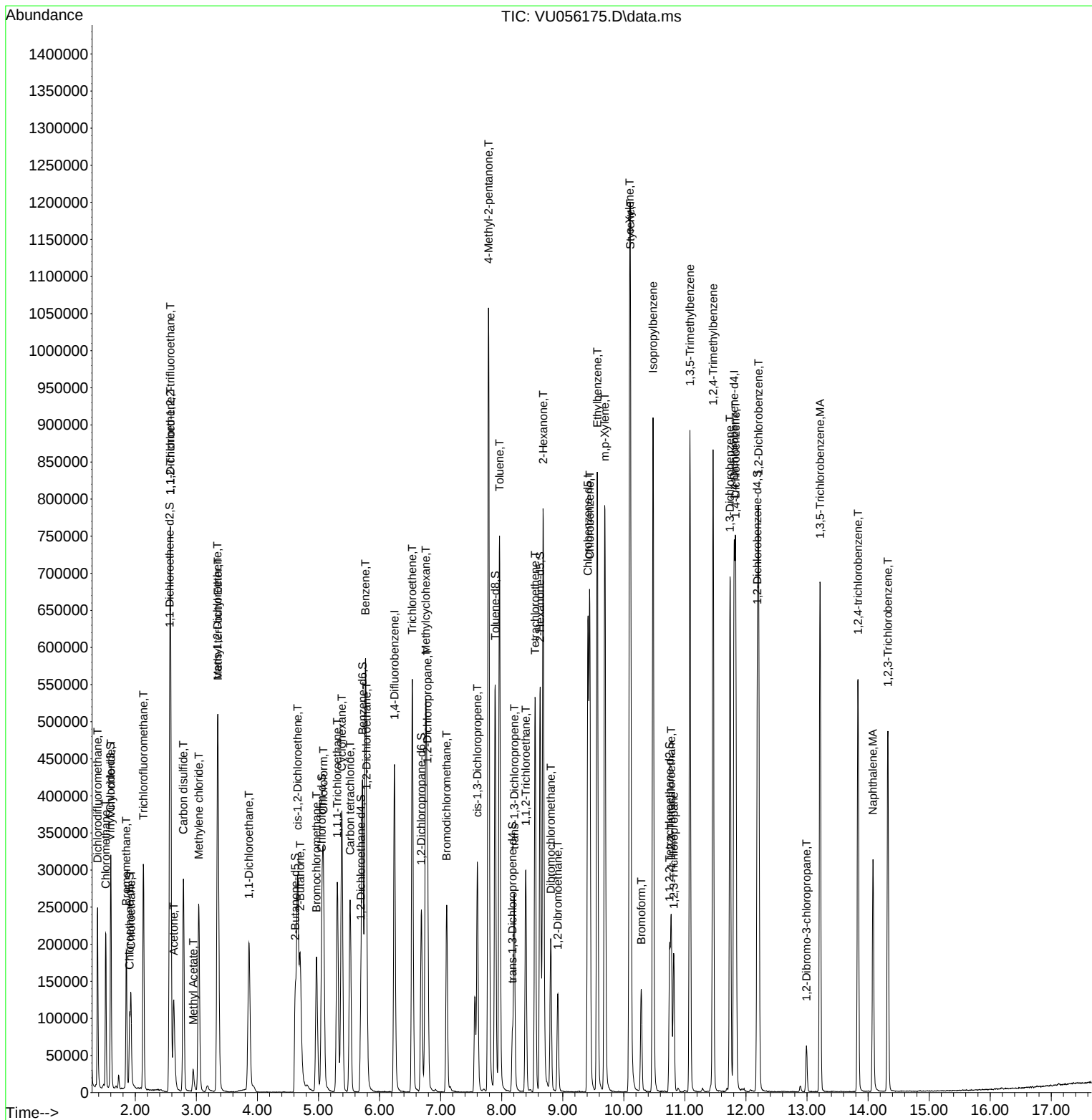
Instrument :
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 ClientSampleId :
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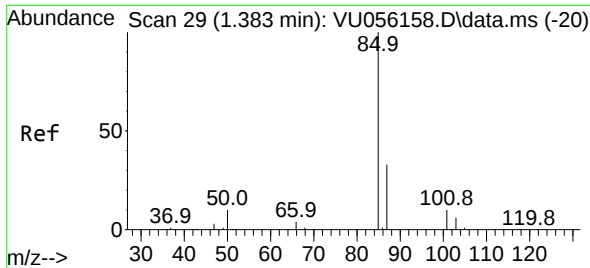
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 10 22:17:51 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	140150	5.006	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	214623	5.101	ug/L	99
30) Cyclohexane	5.380	56	189279	4.815	ug/L	98
31) Carbon tetrachloride	5.518	117	185359	4.962	ug/L	100
33) Benzene	5.769	78	533825	5.077	ug/L	100
34) Trichloroethene	6.537	95	200032	6.964	ug/L	97
35) Methylcyclohexane	6.759	83	207488	4.861	ug/L	99
37) 1,2-Dichloropropane	6.785	63	136665	4.998	ug/L	99
38) Bromodichloromethane	7.100	83	169437	4.962	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	193244	5.007	ug/L	96
40) 4-Methyl-2-pentanone	7.785	43	654628	54.731	ug/L	99
42) Toluene	7.965	91	574434	5.182	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	160908	5.149	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	97968	5.241	ug/L	97
47) Tetrachloroethene	8.550	164	123130	5.712	ug/L	97
48) 2-Hexanone	8.679	43	481925	55.340	ug/L	98
49) Dibromochloromethane	8.804	129	110475	5.150	ug/L	98
50) 1,2-Dibromoethane	8.920	107	91846	5.258	ug/L	98
51) Chlorobenzene	9.444	112	367442	5.138	ug/L	98
52) Ethylbenzene	9.566	91	620101	5.133	ug/L	99
53) m,p-Xylene	9.688	106	241618	5.259	ug/L	100
54) o-Xylene	10.097	106	231997	5.268	ug/L	96
55) Styrene	10.110	104	384555	5.337	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	118064	5.374	ug/L	97
59) Bromoform	10.287	173	65134	4.896	ug/L	99
60) Isopropylbenzene	10.479	105	611271	4.922	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	83349	5.041	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	492100	4.886	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	496521	5.026	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	291368	4.954	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	289372	4.976	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	268716	4.958	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	17617	5.052	ug/L	96
69) 1,3,5-Trichlorobenzene	13.216	180	220600	5.008	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	177572	5.081	ug/L	97
71) Naphthalene	14.081	128	259837	5.013	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	154650	5.047	ug/L	99

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

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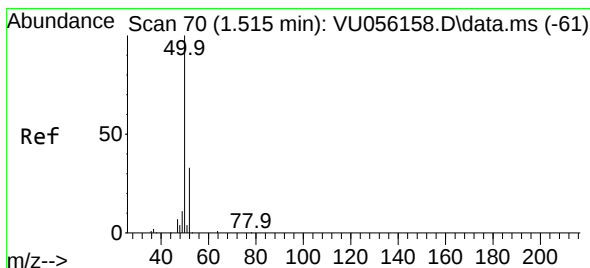
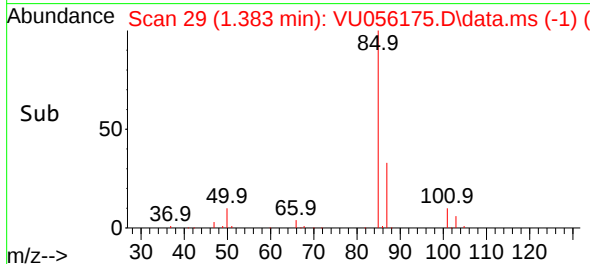
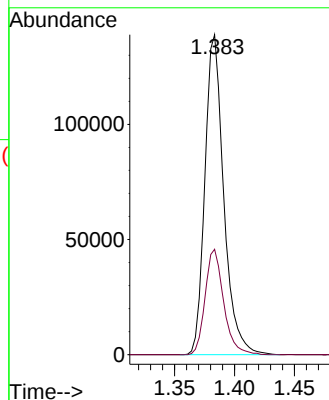
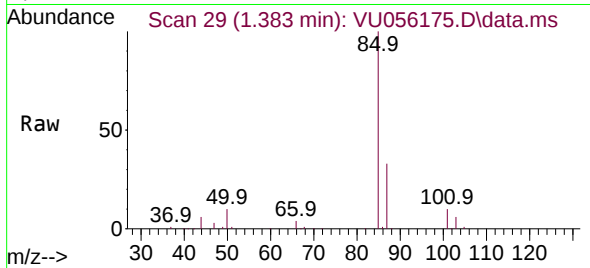




#2
Dichlorodifluoromethane
Concen: 4.800 ug/L
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU056175.D
Acq: 10 Nov 2023 16:31

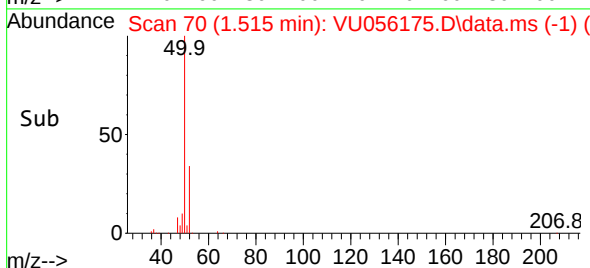
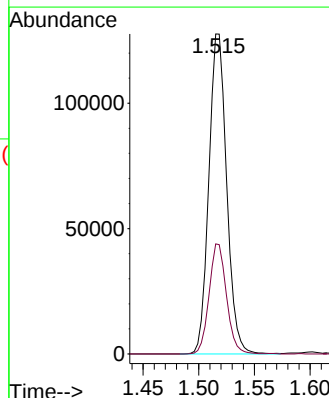
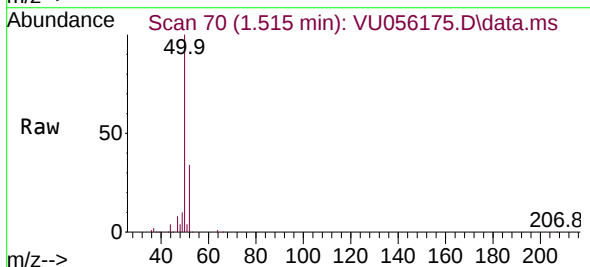
Instrument :
MSVOA_U
ClientSampleId :
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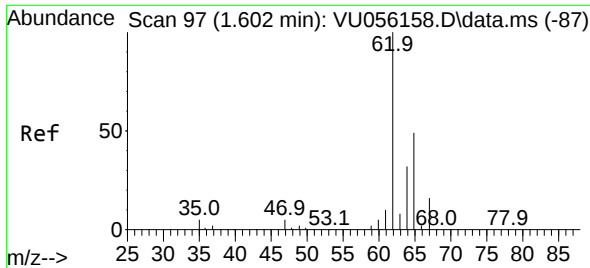
Tgt Ion: 85 Resp: 152100
Ion Ratio Lower Upper
85 100
87 32.4 26.4 39.6



#3
Chloromethane
Concen: 4.789 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU056175.D
Acq: 10 Nov 2023 16:31

Tgt Ion: 50 Resp: 142165
Ion Ratio Lower Upper
50 100
52 34.4 22.2 41.2

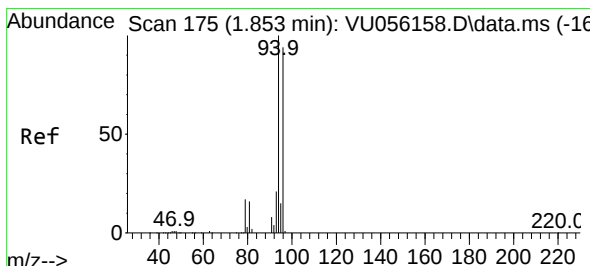
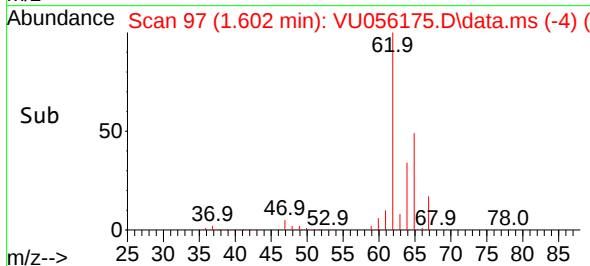
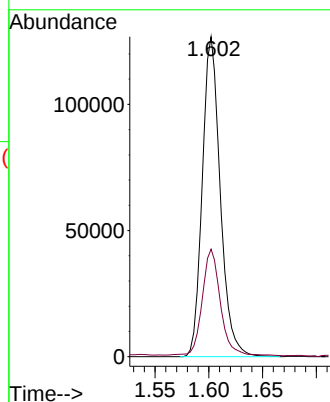
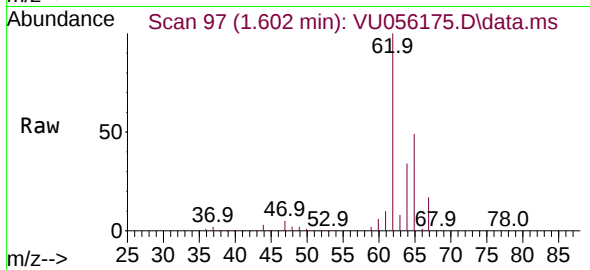




#5
 Vinyl chloride
 Concen: 4.808 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU056175.D
 Acq: 10 Nov 2023 16:31

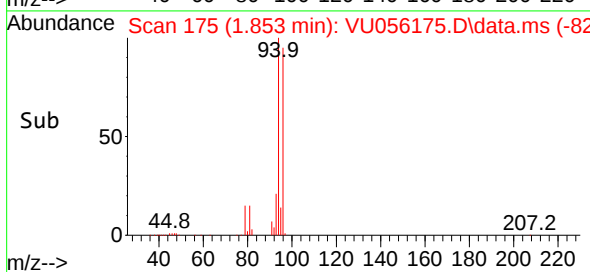
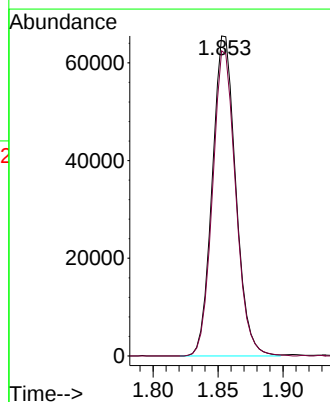
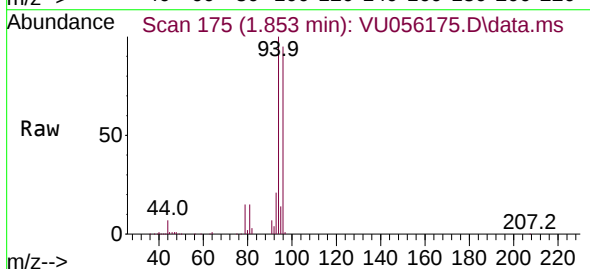
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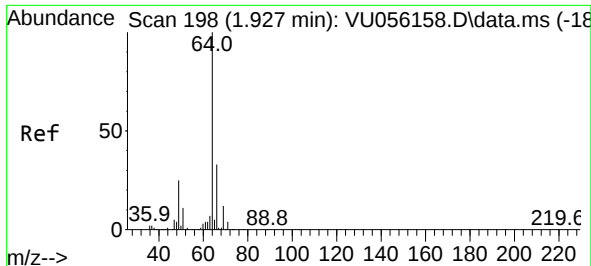
Tgt Ion: 62 Resp: 147634
 Ion Ratio Lower Upper
 62 100
 64 33.6 24.1 44.7



#6
 Bromomethane
 Concen: 4.669 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU056175.D
 Acq: 10 Nov 2023 16:31

Tgt Ion: 94 Resp: 82346
 Ion Ratio Lower Upper
 94 100
 96 95.3 65.6 121.8

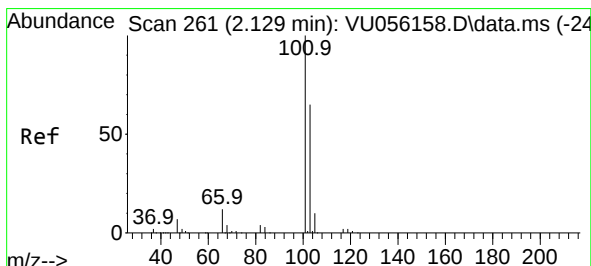
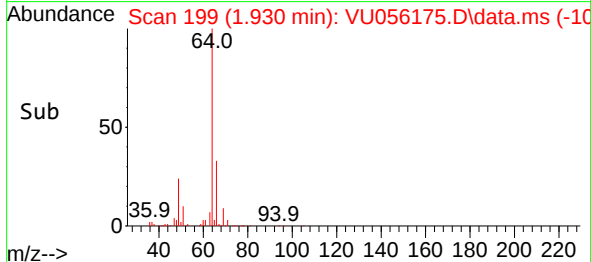
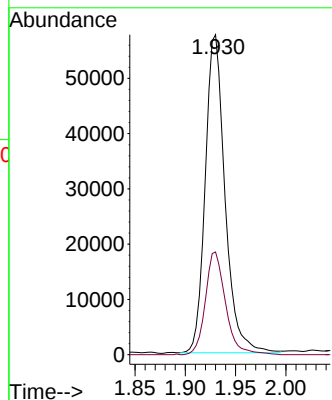
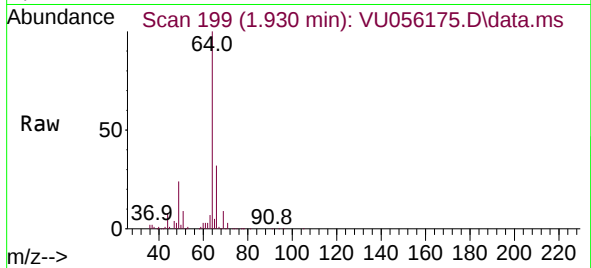




#8
Chloroethane
Concen: 4.730 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.003 min
Lab File: VU056175.D
Acq: 10 Nov 2023 16:31

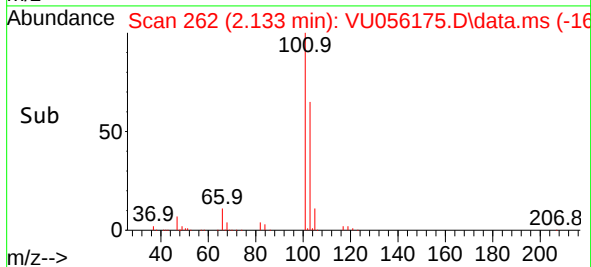
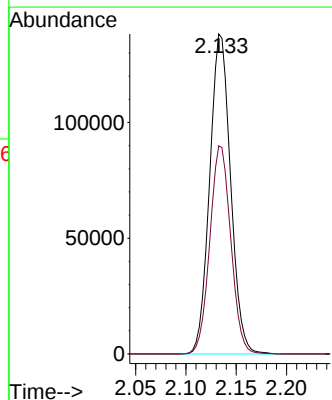
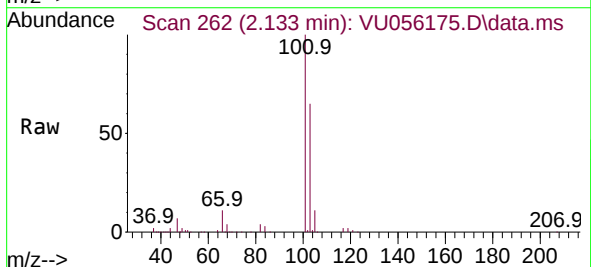
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ClientSampleId :
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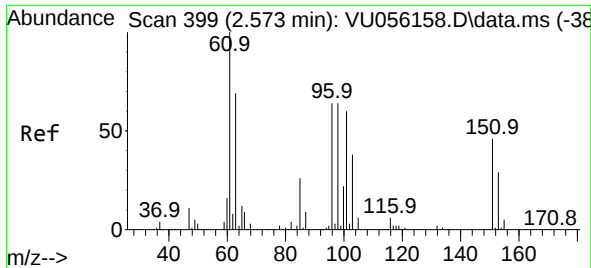
Tgt Ion: 64 Resp: 78750
Ion Ratio Lower Upper
64 100
66 32.1 22.4 41.6



#9
Trichlorofluoromethane
Concen: 4.927 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.003 min
Lab File: VU056175.D
Acq: 10 Nov 2023 16:31

Tgt Ion:101 Resp: 200092
Ion Ratio Lower Upper
101 100
103 65.1 51.8 77.6

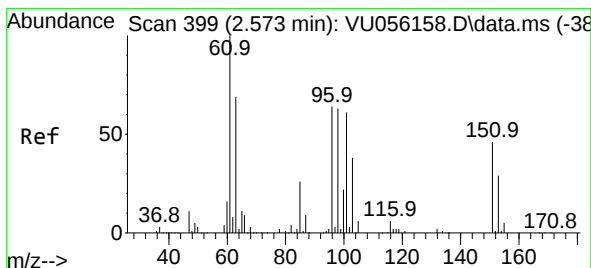
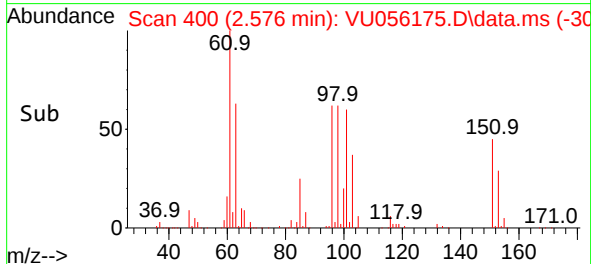
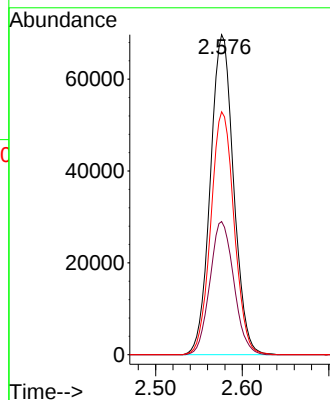
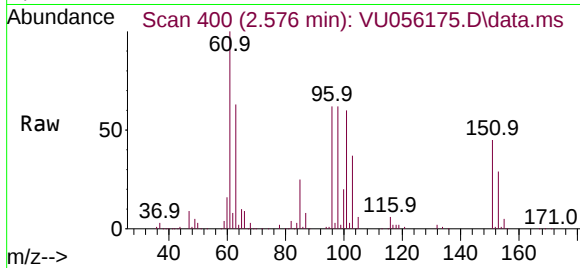




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.027 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU056175.D
Acq: 10 Nov 2023 16:31

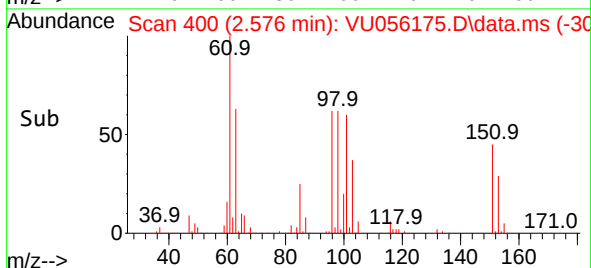
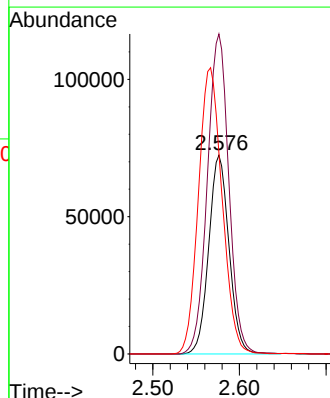
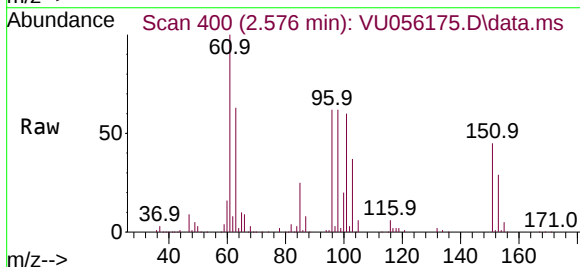
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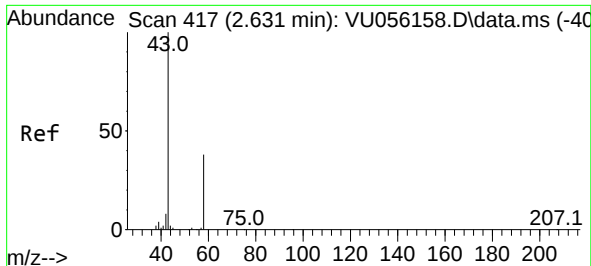
Tgt Ion:101 Resp: 130059
Ion Ratio Lower Upper
101 100
85 42.7 34.2 51.4
151 76.2 59.3 88.9



#12
1,1-Dichloroethene
Concen: 4.893 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU056175.D
Acq: 10 Nov 2023 16:31

Tgt Ion: 96 Resp: 117499
Ion Ratio Lower Upper
96 100
61 161.1 111.7 207.5
63 101.1 74.5 138.3

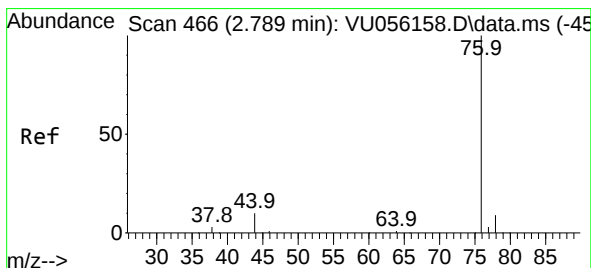
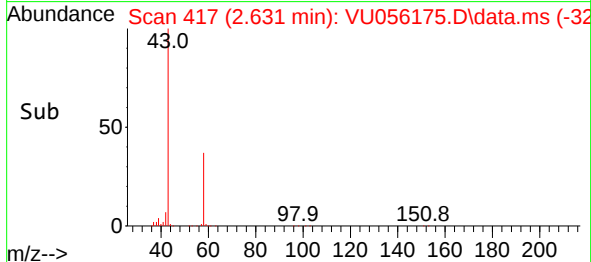
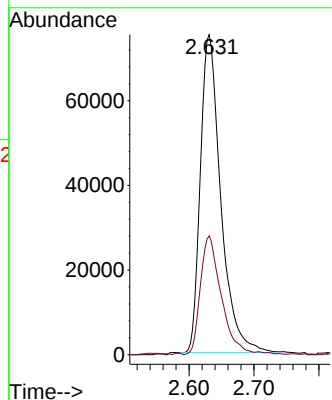
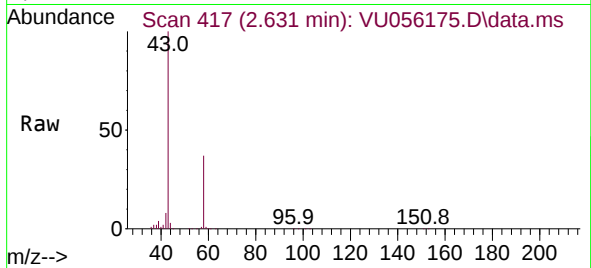




#13
Acetone
Concen: 58.700 ug/L
RT: 2.631 min Scan# 417
Delta R.T. -0.000 min
Lab File: VU056175.D
Acq: 10 Nov 2023 16:31

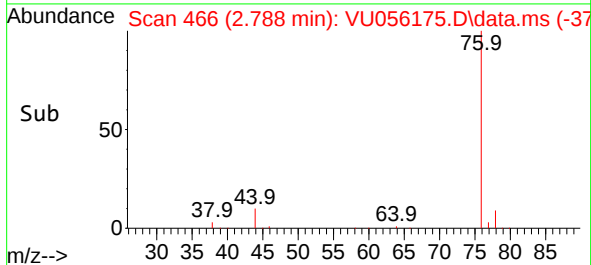
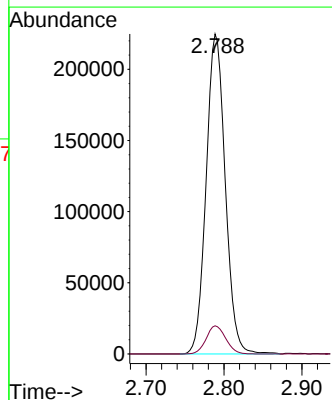
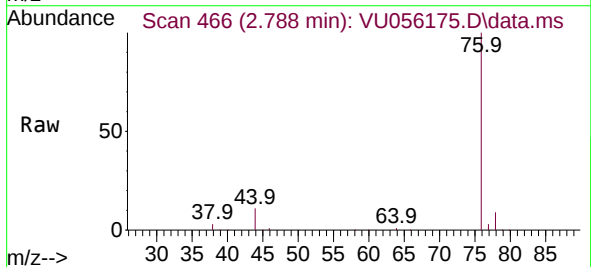
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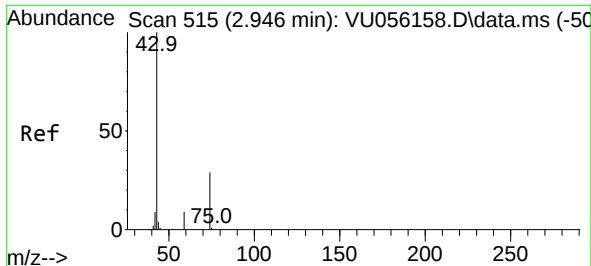
Tgt Ion: 43 Resp: 164705
Ion Ratio Lower Upper
43 100
58 37.8 0.0 74.4



#14
Carbon disulfide
Concen: 4.677 ug/L
RT: 2.788 min Scan# 466
Delta R.T. -0.000 min
Lab File: VU056175.D
Acq: 10 Nov 2023 16:31

Tgt Ion: 76 Resp: 382724
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6

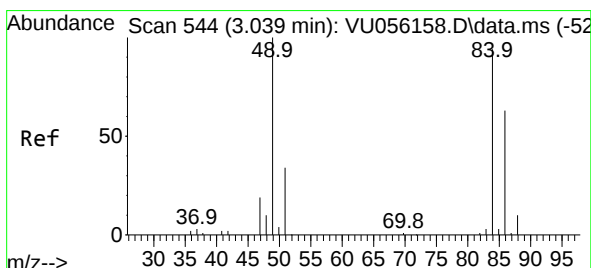
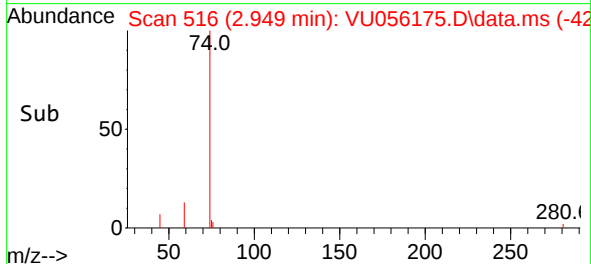
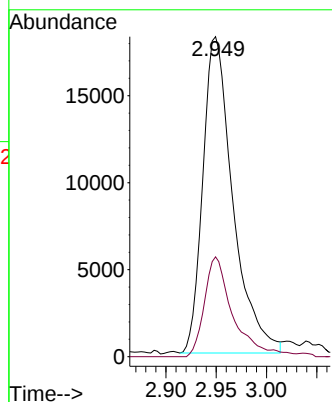
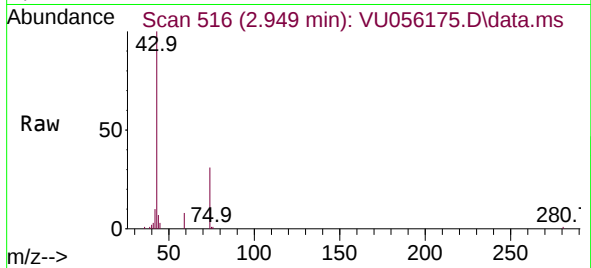




#15
Methyl Acetate
Concen: 4.780 ug/L
RT: 2.949 min Scan# 515
Delta R.T. 0.003 min
Lab File: VU056175.D
Acq: 10 Nov 2023 16:31

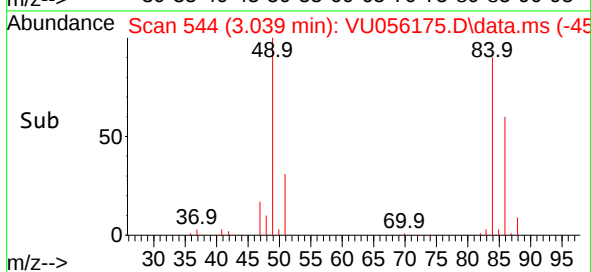
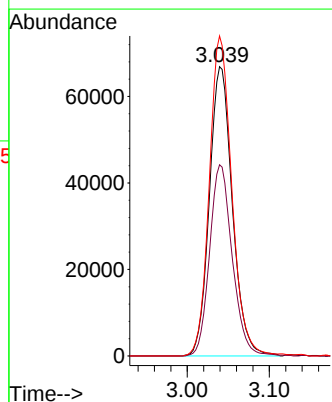
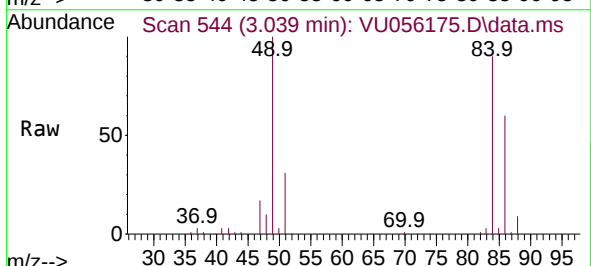
Instrument :
MSVOA_U
ClientSampleId :
GCDM5MS

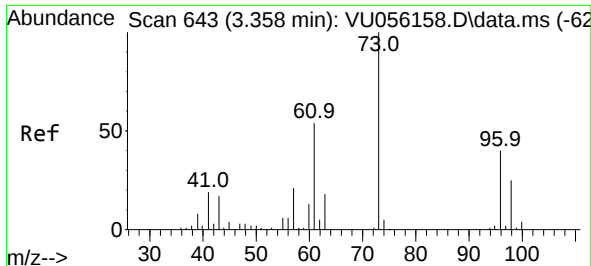
Tgt Ion: 43 Resp: 37843
Ion Ratio Lower Upper
43 100
74 29.9 23.3 34.9



#16
Methylene chloride
Concen: 4.732 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU056175.D
Acq: 10 Nov 2023 16:31

Tgt Ion: 84 Resp: 130294
Ion Ratio Lower Upper
84 100
86 66.1 44.9 83.5
49 110.6 75.0 139.4





#17

Methyl tert-butyl Ether

Concen: 5.155 ug/L

RT: 3.354 min Scan# 643

Delta R.T. -0.003 min

Lab File: VU056175.D

Acq: 10 Nov 2023 16:31

Instrument :

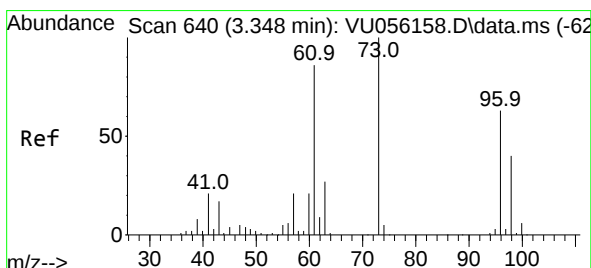
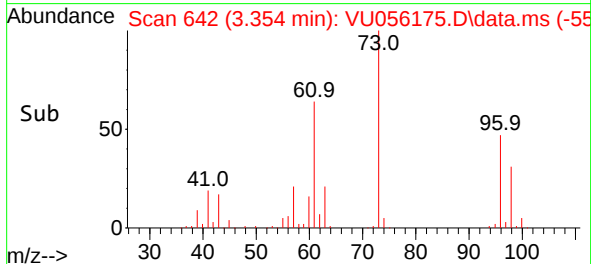
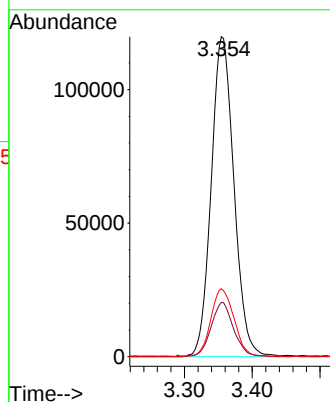
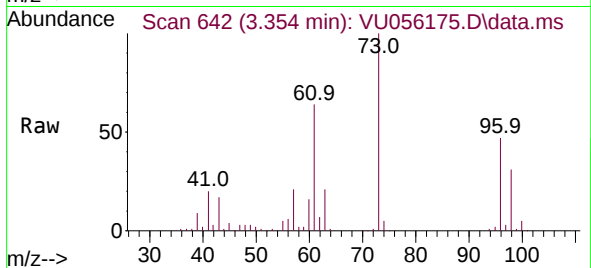
MSVOA_U

ClientSampleId :

GCDM5MS

Tgt Ion: 73 Resp: 278914

Ion	Ratio	Lower	Upper
73	100		
43	16.4	13.6	20.4
57	21.7	17.3	25.9



#18

trans-1,2-Dichloroethene

Concen: 4.898 ug/L

RT: 3.348 min Scan# 640

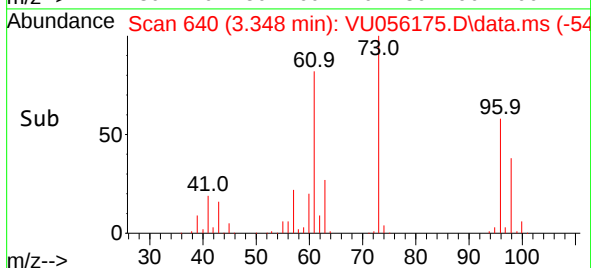
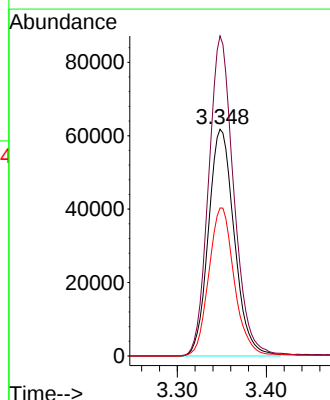
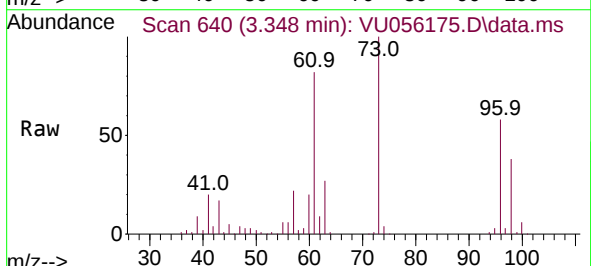
Delta R.T. -0.000 min

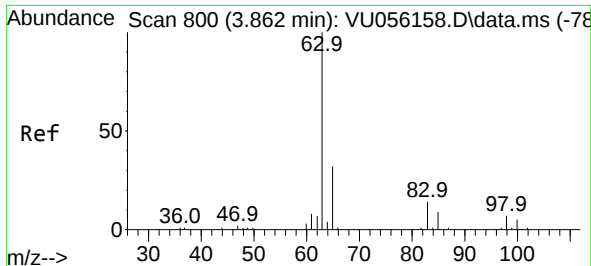
Lab File: VU056175.D

Acq: 10 Nov 2023 16:31

Tgt Ion: 96 Resp: 124652

Ion	Ratio	Lower	Upper
96	100		
61	141.2	96.7	179.5
98	65.3	44.3	82.3

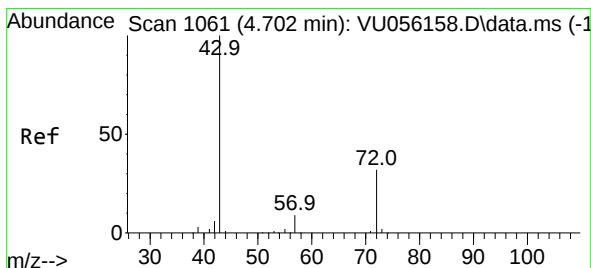
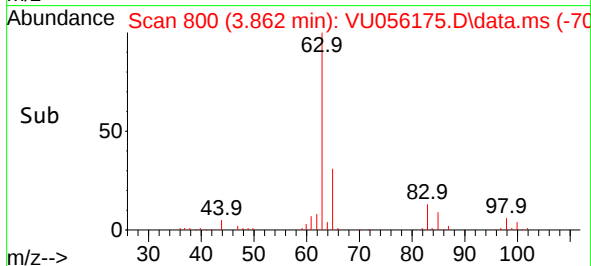
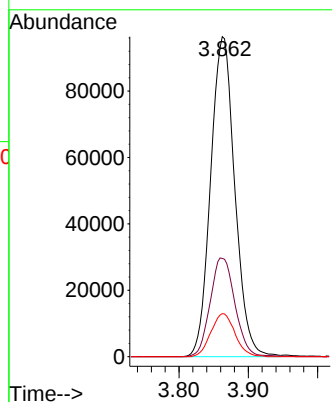
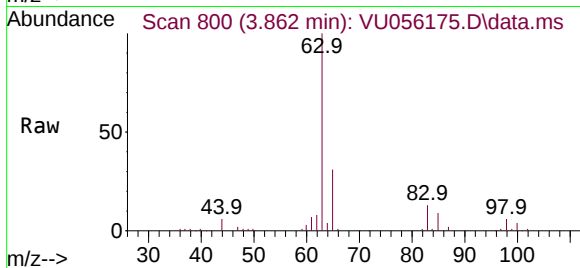




#19
1,1-Dichloroethane
Concen: 5.034 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU056175.D
Acq: 10 Nov 2023 16:31

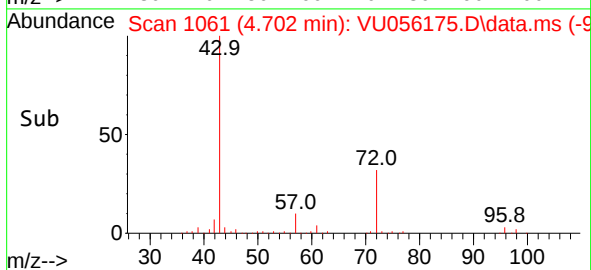
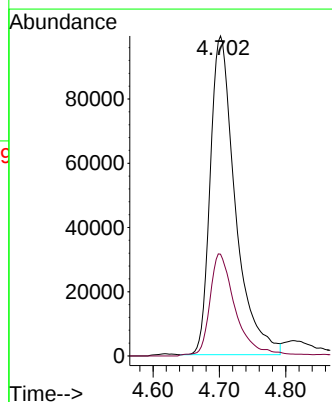
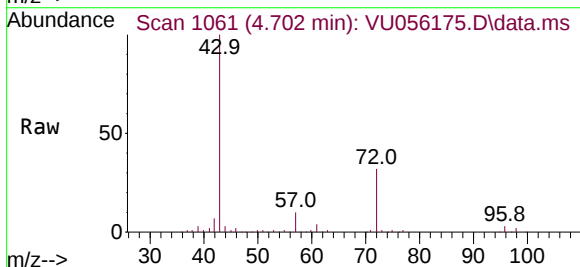
Instrument :
MSVOA_U
ClientSampleId :
GCDM5MS

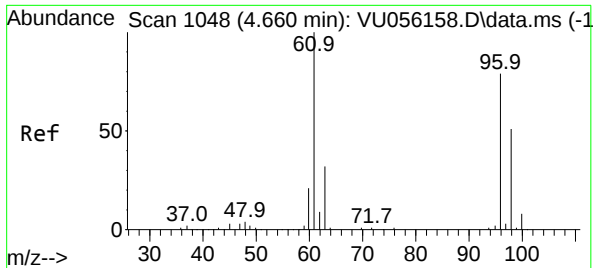
Tgt Ion: 63 Resp: 233671
Ion Ratio Lower Upper
63 100
65 30.7 20.6 38.2
83 13.5 9.6 17.8



#21
2-Butanone
Concen: 56.252 ug/L
RT: 4.702 min Scan# 1061
Delta R.T. -0.000 min
Lab File: VU056175.D
Acq: 10 Nov 2023 16:31

Tgt Ion: 43 Resp: 260303
Ion Ratio Lower Upper
43 100
72 33.0 15.7 47.0

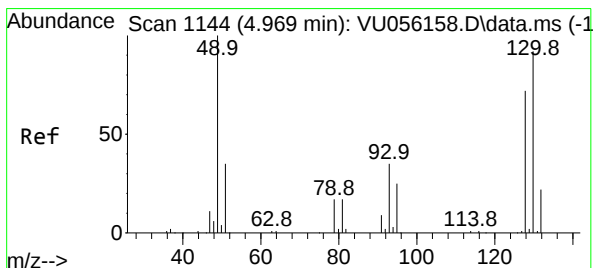
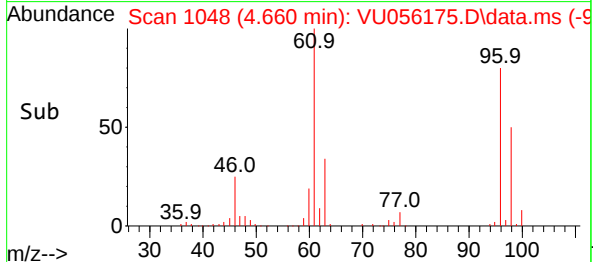
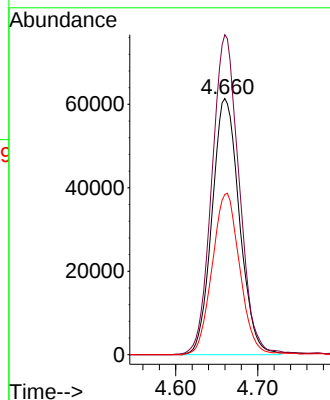
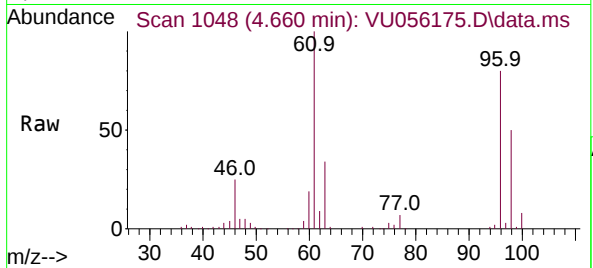




#22
 cis-1,2-Dichloroethene
 Concen: 5.186 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU056175.D
 Acq: 10 Nov 2023 16:31

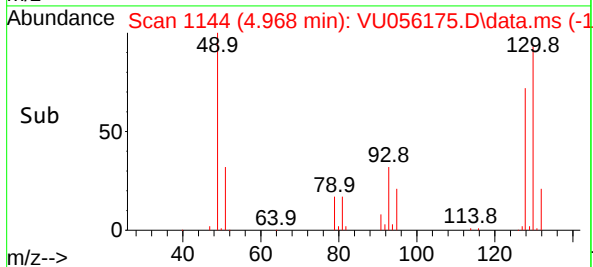
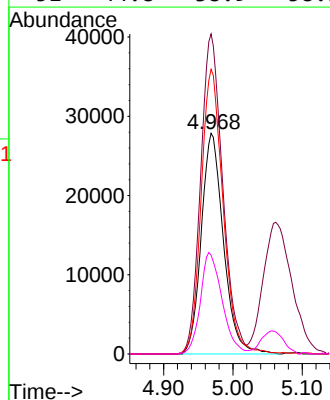
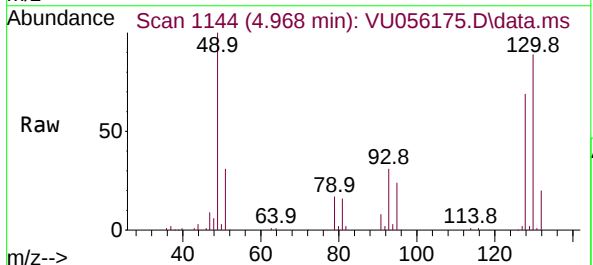
Instrument :
 MSVOA_U
 ClientSampleId :
 GCDM5MS

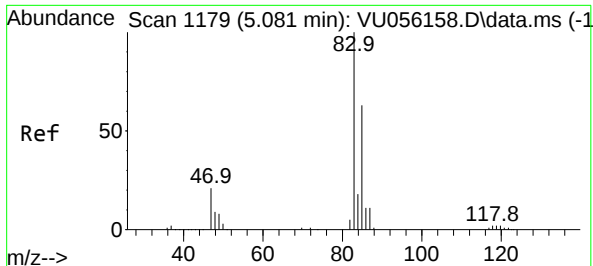
Tgt Ion: 96 Resp: 142461
 Ion Ratio Lower Upper
 96 100
 61 124.9 87.8 163.2
 98 62.6 43.5 80.7



#23
 Bromochloromethane
 Concen: 5.071 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.000 min
 Lab File: VU056175.D
 Acq: 10 Nov 2023 16:31

Tgt Ion: 128 Resp: 61803
 Ion Ratio Lower Upper
 128 100
 49 145.0 103.7 192.7
 130 129.0 91.8 170.6
 51 44.8 38.9 58.3





#25

Chloroform

Concen: 5.022 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VU056175.D

Acq: 10 Nov 2023 16:31

Instrument :

MSVOA_U

ClientSampleId :

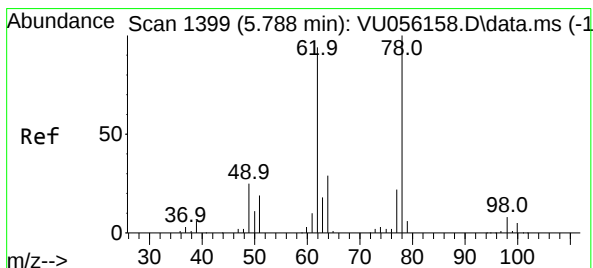
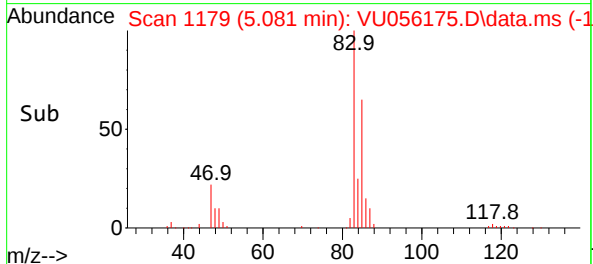
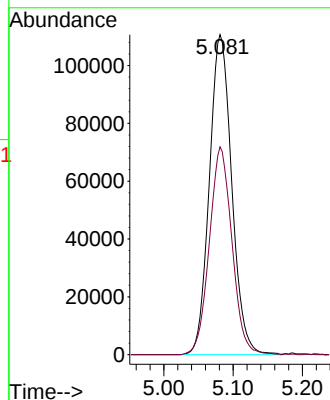
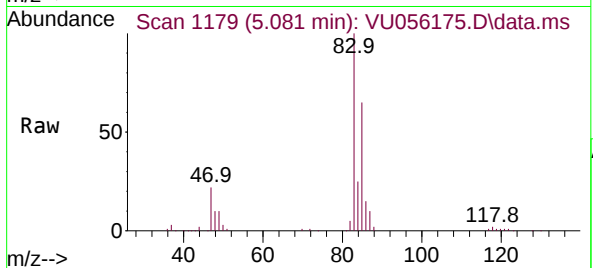
GCDM5MS

Tgt Ion: 83 Resp: 248419

Ion Ratio Lower Upper

83 100

85 64.9 45.3 84.1



#27

1,2-Dichloroethane

Concen: 5.006 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VU056175.D

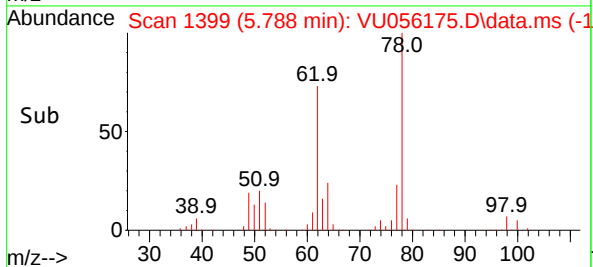
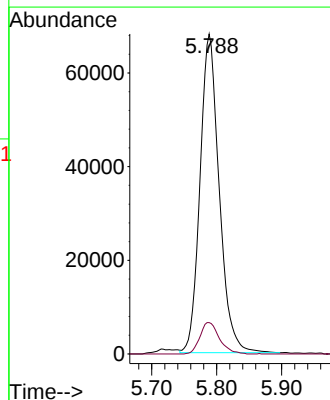
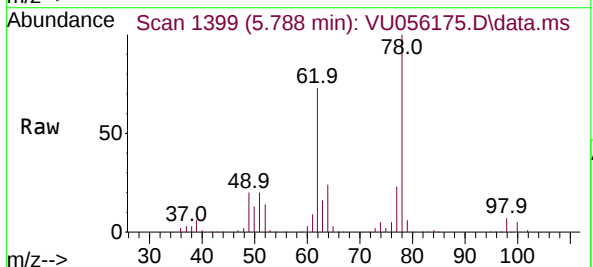
Acq: 10 Nov 2023 16:31

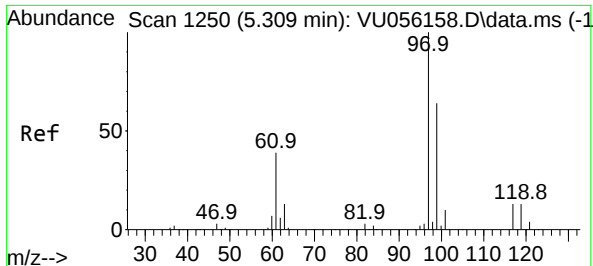
Tgt Ion: 62 Resp: 140150

Ion Ratio Lower Upper

62 100

98 9.8 7.1 10.7





#29

1,1,1-Trichloroethane

Concen: 5.101 ug/L

RT: 5.309 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU056175.D

Acq: 10 Nov 2023 16:31

Instrument :

MSVOA_U

ClientSampleId :

GCDM5MS

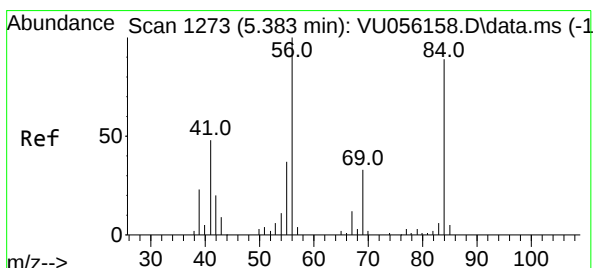
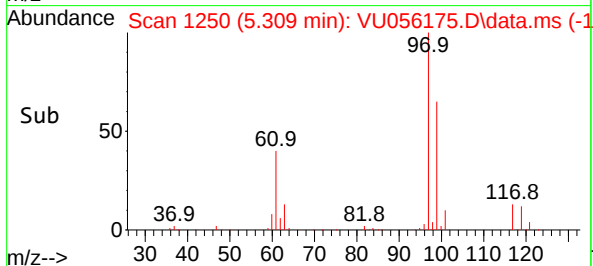
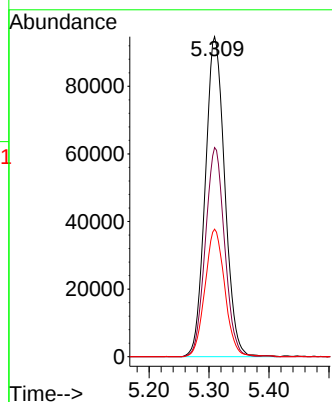
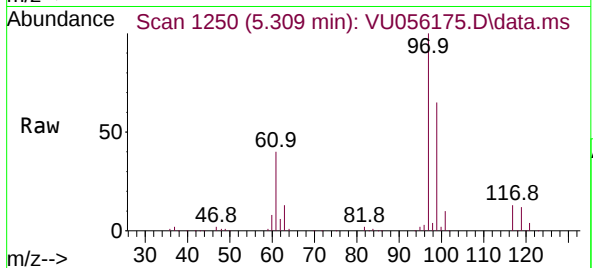
Tgt Ion: 97 Resp: 214623

Ion Ratio Lower Upper

97 100

99 64.4 52.0 78.0

61 40.4 33.4 50.0



#30

Cyclohexane

Concen: 4.815 ug/L

RT: 5.380 min Scan# 1272

Delta R.T. -0.003 min

Lab File: VU056175.D

Acq: 10 Nov 2023 16:31

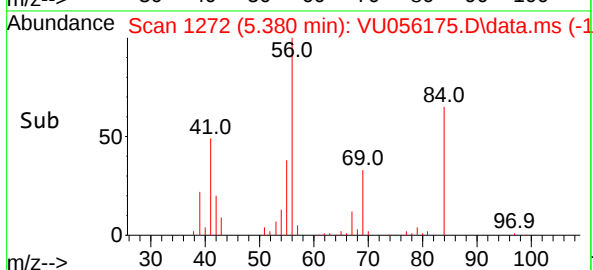
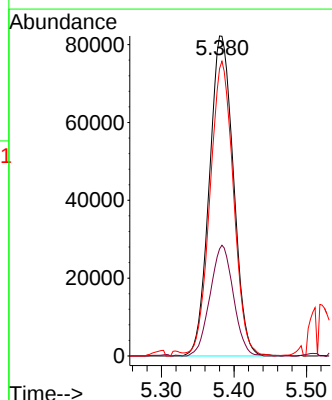
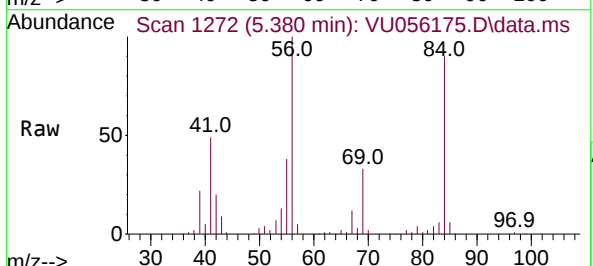
Tgt Ion: 56 Resp: 189279

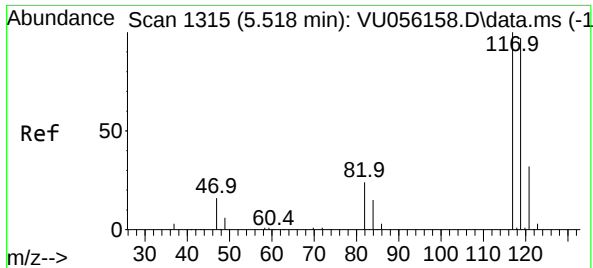
Ion Ratio Lower Upper

56 100

69 33.5 26.6 39.8

84 89.9 70.4 105.6

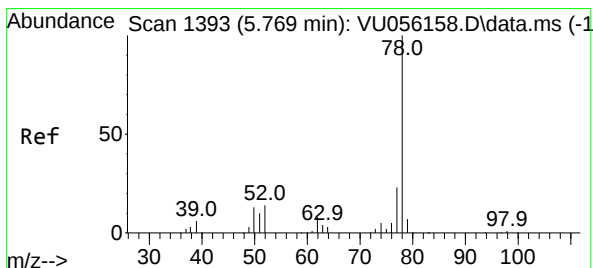
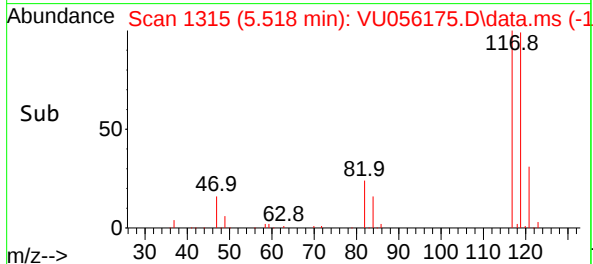
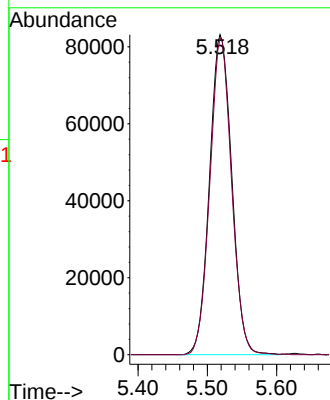
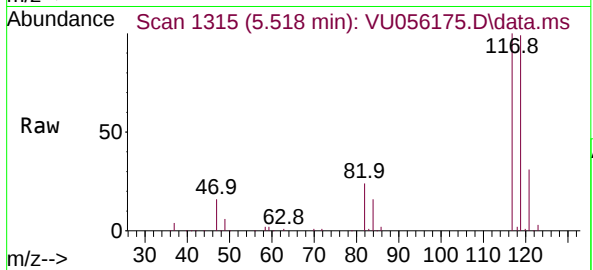




#31
Carbon tetrachloride
Concen: 4.962 ug/L
RT: 5.518 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU056175.D
Acq: 10 Nov 2023 16:31

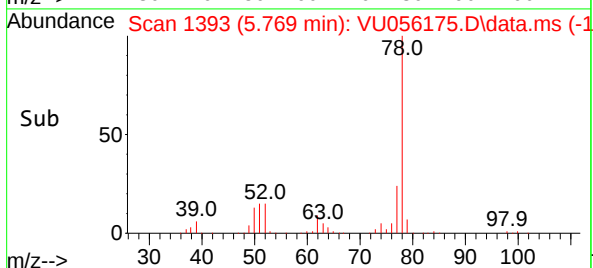
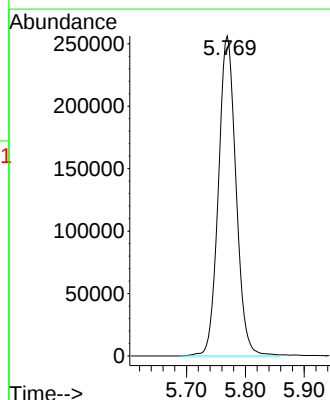
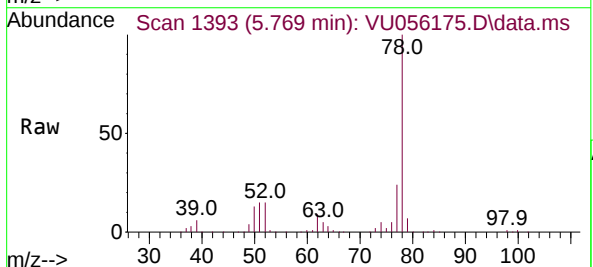
Instrument :
MSVOA_U
ClientSampleId :
GCDM5MS

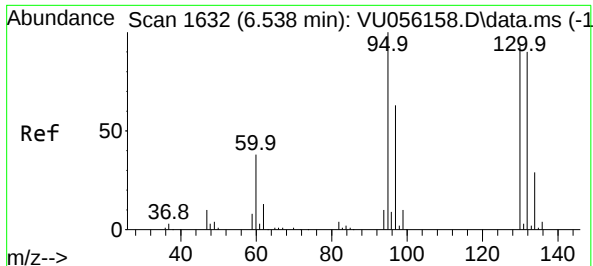
Tgt Ion:117 Resp: 185359
Ion Ratio Lower Upper
117 100
119 96.5 77.2 115.8



#33
Benzene
Concen: 5.077 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU056175.D
Acq: 10 Nov 2023 16:31

Tgt Ion: 78 Resp: 533825

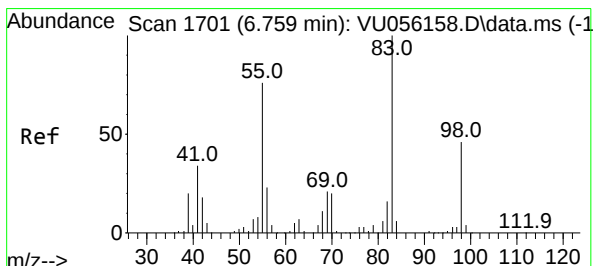
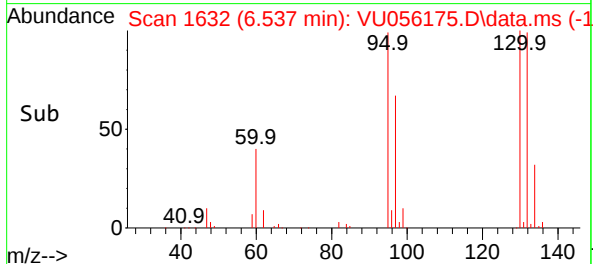
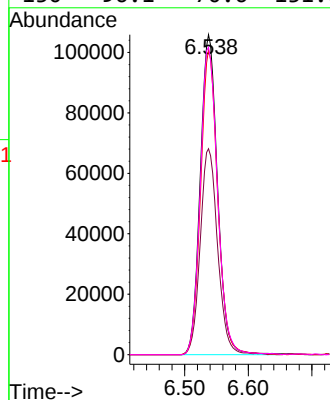
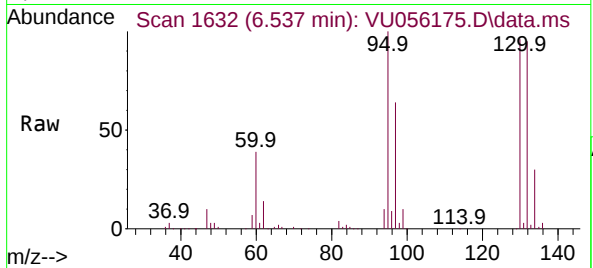




#34
Trichloroethene
Concen: 6.964 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU056175.D
Acq: 10 Nov 2023 16:31

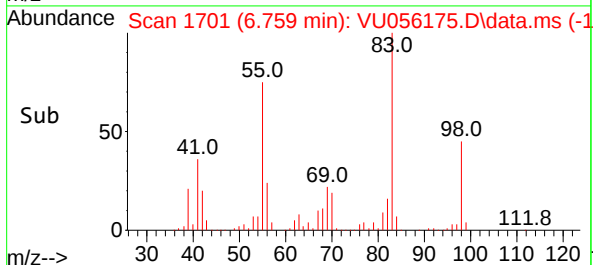
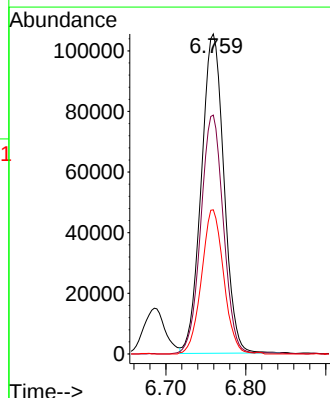
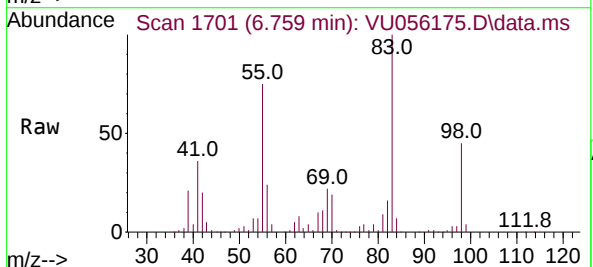
Instrument :
MSVOA_U
ClientSampleId :
GCDM5MS

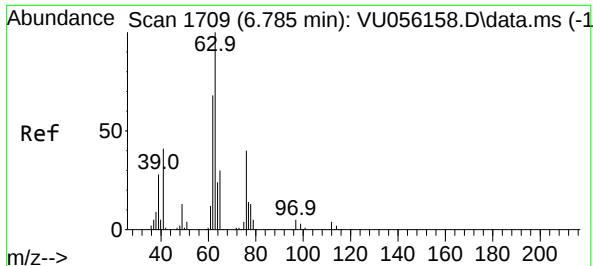
Tgt Ion: 95 Resp: 200032
Ion Ratio Lower Upper
95 100
97 64.3 46.8 87.0
132 95.1 66.5 123.5
130 96.1 70.6 131.0



#35
Methylcyclohexane
Concen: 4.861 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VU056175.D
Acq: 10 Nov 2023 16:31

Tgt Ion: 83 Resp: 207488
Ion Ratio Lower Upper
83 100
55 74.8 60.6 91.0
98 44.2 36.2 54.4





#37

1,2-Dichloropropane

Concen: 4.998 ug/L

RT: 6.785 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU056175.D

Acq: 10 Nov 2023 16:31

Instrument :

MSVOA_U

ClientSampleId :

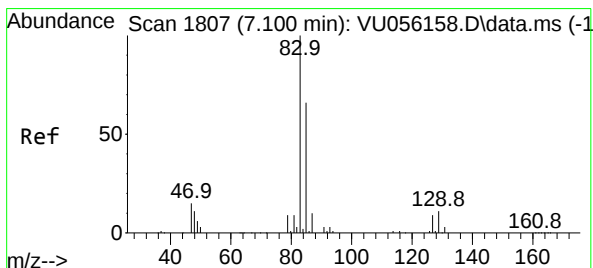
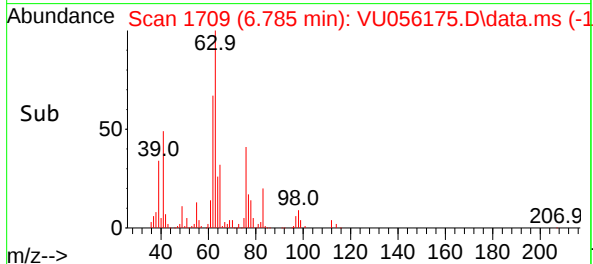
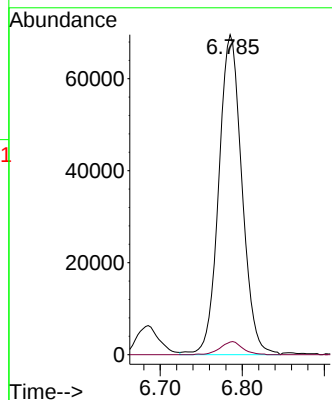
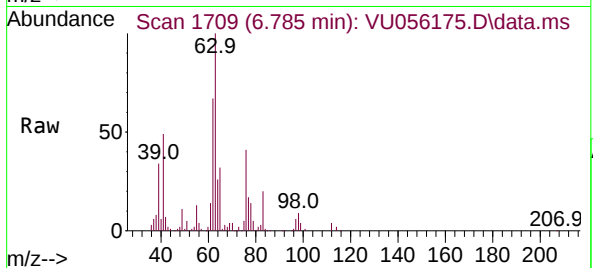
GCDM5MS

Tgt Ion: 63 Resp: 136665

Ion Ratio Lower Upper

63 100

112 3.9 3.4 5.2



#38

Bromodichloromethane

Concen: 4.962 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VU056175.D

Acq: 10 Nov 2023 16:31

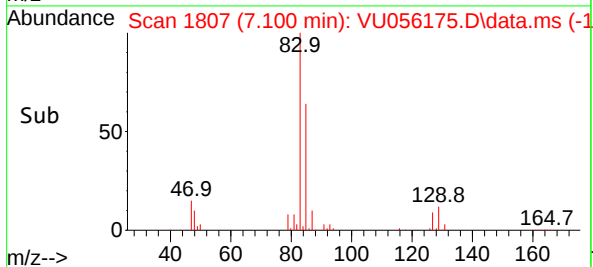
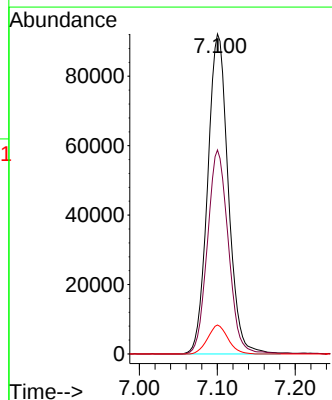
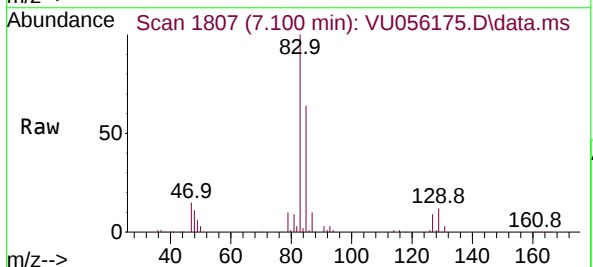
Tgt Ion: 83 Resp: 169437

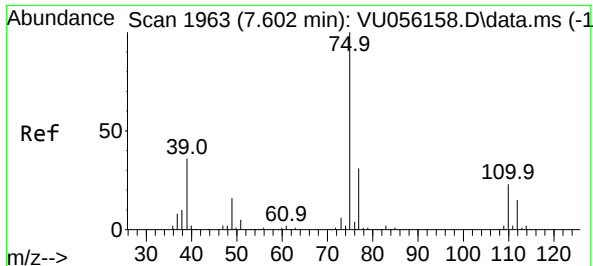
Ion Ratio Lower Upper

83 100

85 63.8 46.6 86.6

127 9.1 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 5.007 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VU056175.D

Acq: 10 Nov 2023 16:31

Instrument :

MSVOA_U

ClientSampleId :

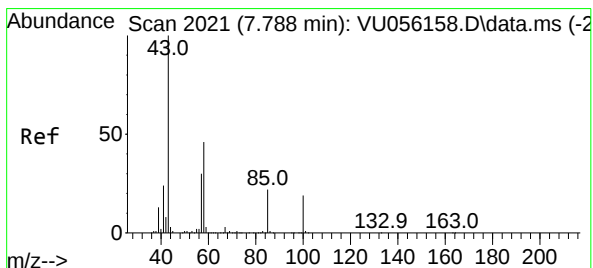
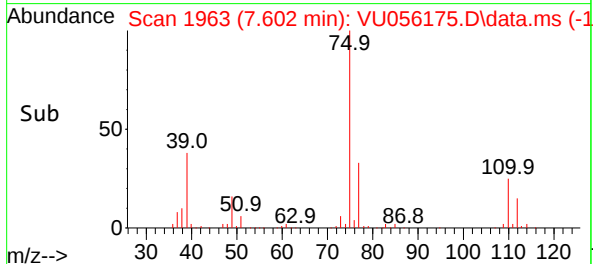
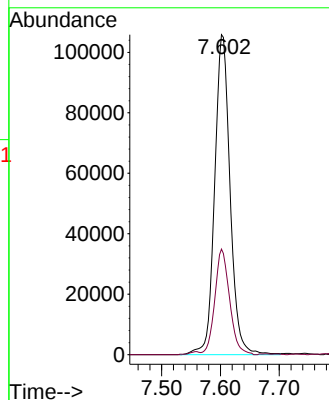
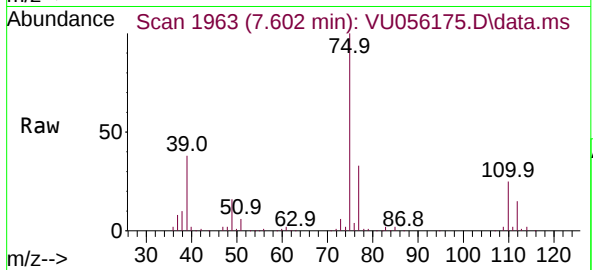
GCDM5MS

Tgt Ion: 75 Resp: 193244

Ion Ratio Lower Upper

75 100

77 33.0 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 54.731 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.003 min

Lab File: VU056175.D

Acq: 10 Nov 2023 16:31

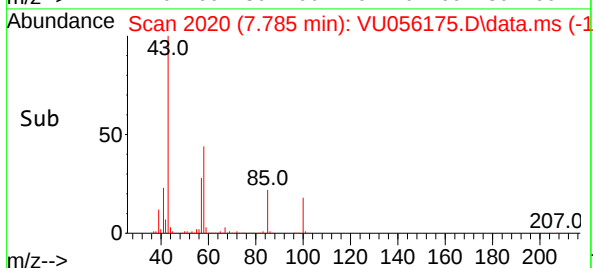
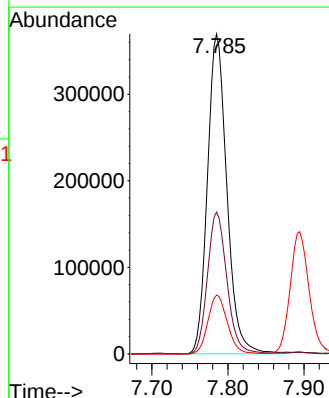
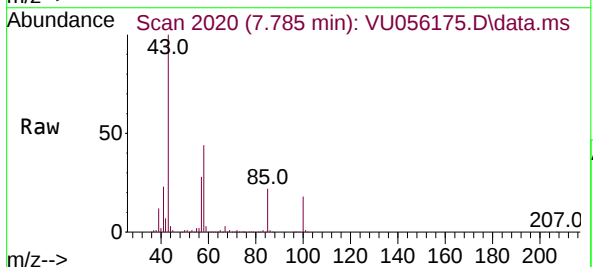
Tgt Ion: 43 Resp: 654628

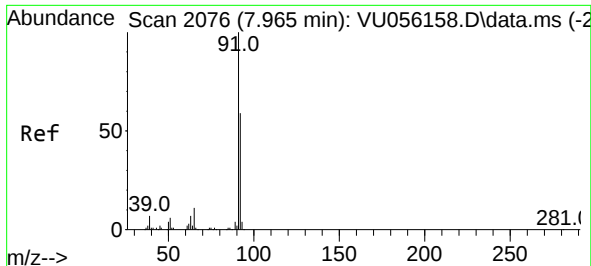
Ion Ratio Lower Upper

43 100

58 44.6 36.0 54.0

100 18.6 14.2 21.4

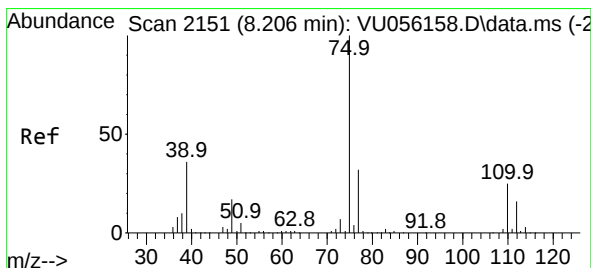
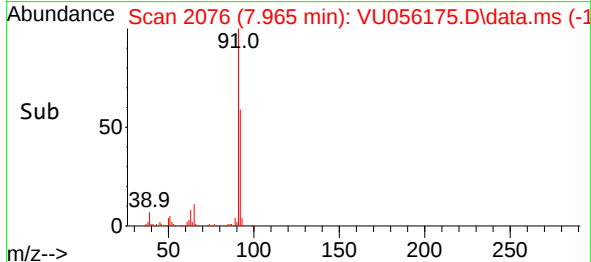
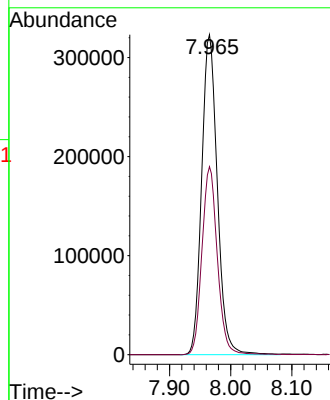
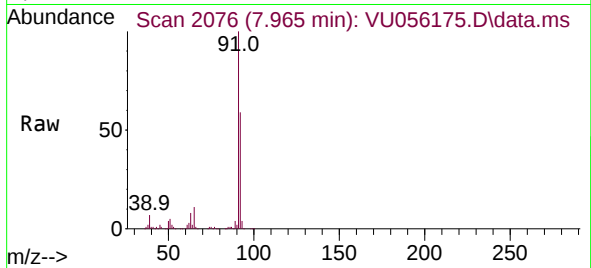




#42
Toluene
Concen: 5.182 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. -0.000 min
Lab File: VU056175.D
Acq: 10 Nov 2023 16:31

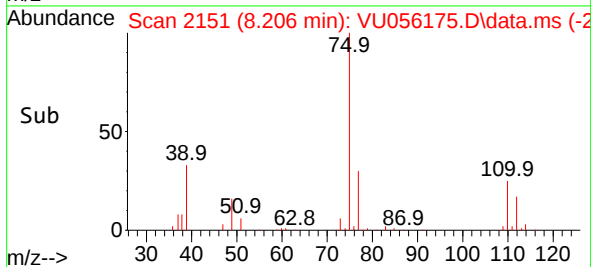
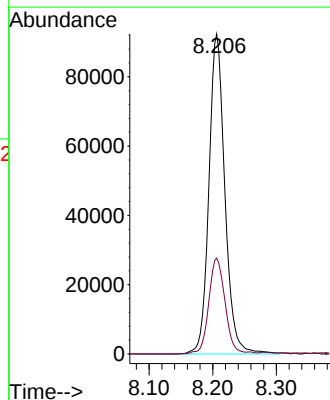
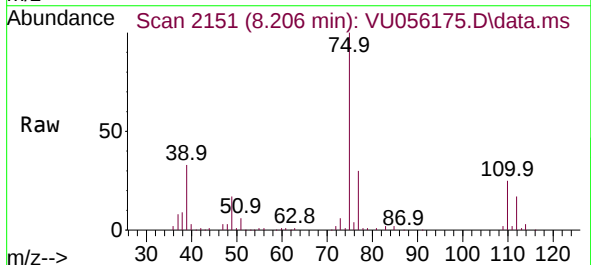
Instrument :
MSVOA_U
ClientSampleId :
GCDM5MS

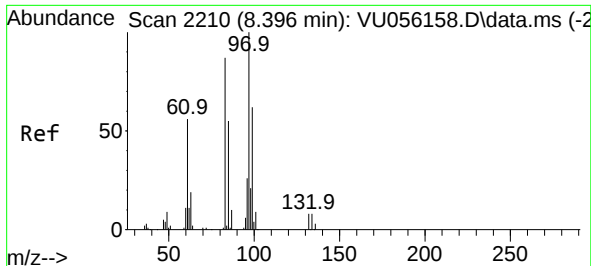
Tgt Ion: 91 Resp: 574434
Ion Ratio Lower Upper
91 100
92 58.8 40.9 75.9



#44
trans-1,3-Dichloropropene
Concen: 5.149 ug/L
RT: 8.206 min Scan# 2151
Delta R.T. -0.000 min
Lab File: VU056175.D
Acq: 10 Nov 2023 16:31

Tgt Ion: 75 Resp: 160908
Ion Ratio Lower Upper
75 100
77 30.0 21.7 40.3

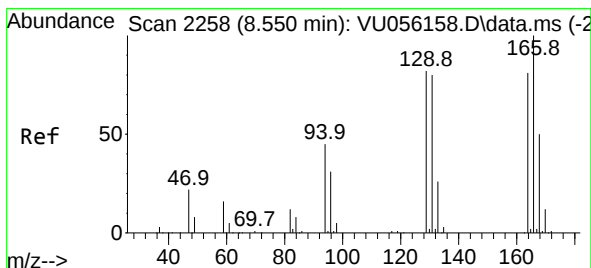
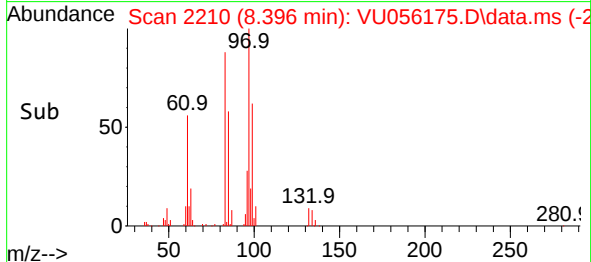
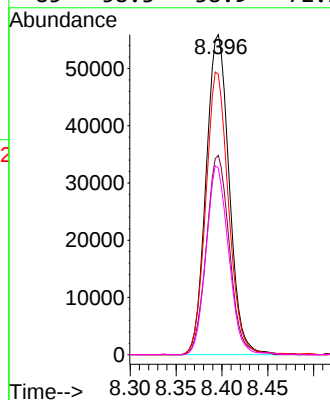
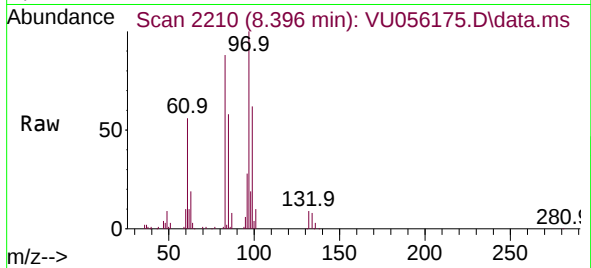




#45
1,1,2-Trichloroethane
Concen: 5.241 ug/L
RT: 8.396 min Scan# 2110
Delta R.T. -0.000 min
Lab File: VU056175.D
Acq: 10 Nov 2023 16:31

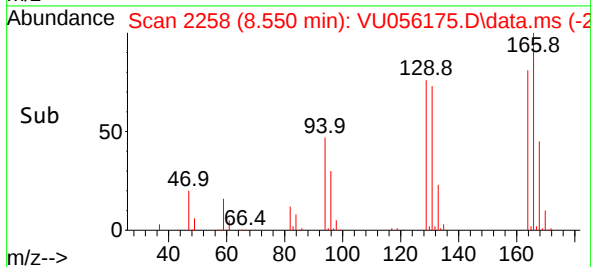
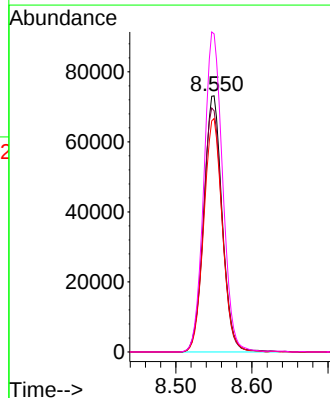
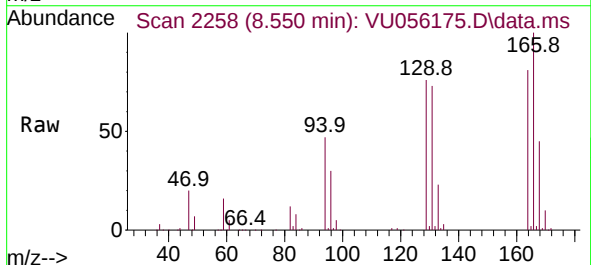
Instrument :
MSVOA_U
ClientSampleId :
GCDM5MS

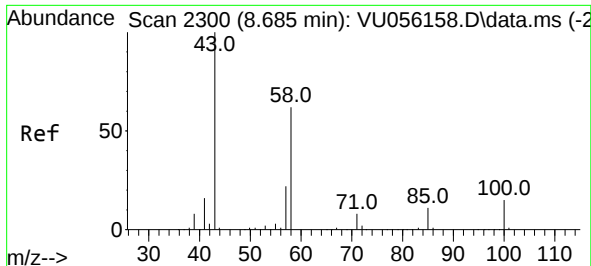
Tgt Ion:	97	Resp:	97968
Ion	Ratio	Lower	Upper
97	100		
99	62.3	44.7	82.9
83	87.6	59.4	110.2
85	58.3	38.9	72.2



#47
Tetrachloroethene
Concen: 5.712 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU056175.D
Acq: 10 Nov 2023 16:31

Tgt Ion:	164	Resp:	123130
Ion	Ratio	Lower	Upper
164	100		
129	94.1	66.6	123.8
131	91.1	67.8	126.0
166	124.1	85.9	159.5

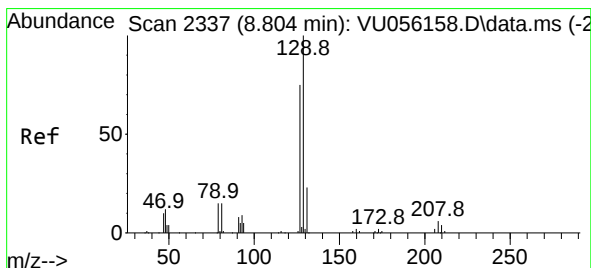
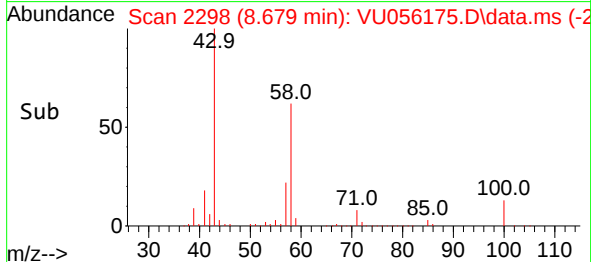
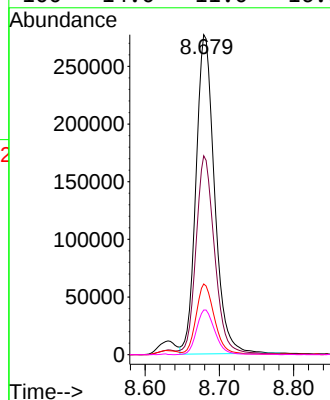
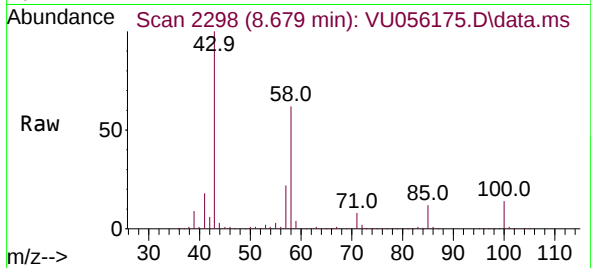




#48
2-Hexanone
Concen: 55.340 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.007 min
Lab File: VU056175.D
Acq: 10 Nov 2023 16:31

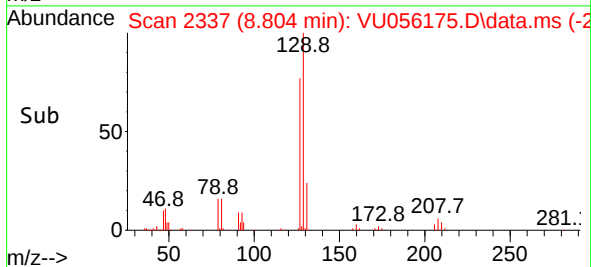
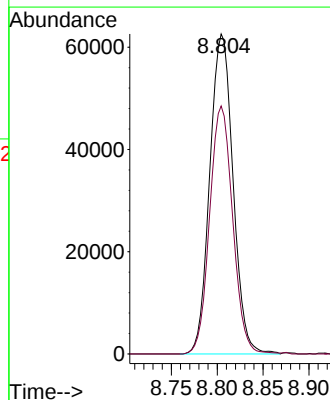
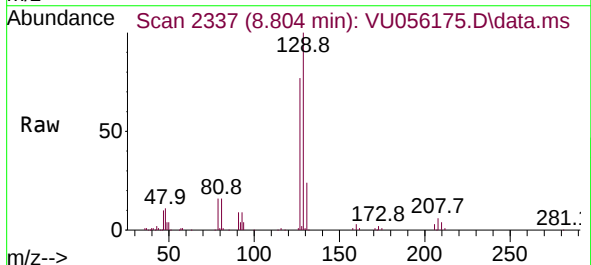
Instrument :
MSVOA_U
ClientSampleId :
GCDM5MS

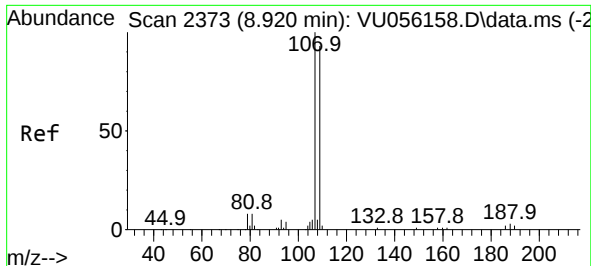
Tgt Ion:	43	Resp:	481925
Ion	Ratio	Lower	Upper
43	100		
58	62.7	52.0	78.0
57	21.8	17.4	26.2
100	14.0	11.0	16.6



#49
Dibromochloromethane
Concen: 5.150 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU056175.D
Acq: 10 Nov 2023 16:31

Tgt Ion:	129	Resp:	110475
Ion	Ratio	Lower	Upper
129	100		
127	77.5	55.4	102.8





#50

1,2-Dibromoethane

Concen: 5.258 ug/L

RT: 8.920 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU056175.D

Acq: 10 Nov 2023 16:31

Instrument :

MSVOA_U

ClientSampleId :

GCDM5MS

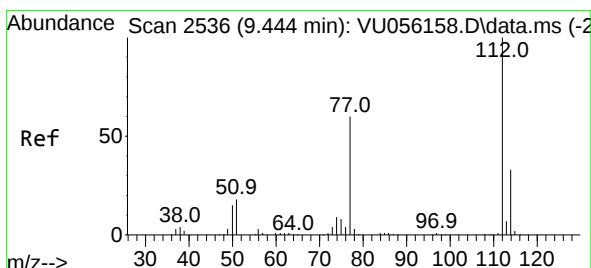
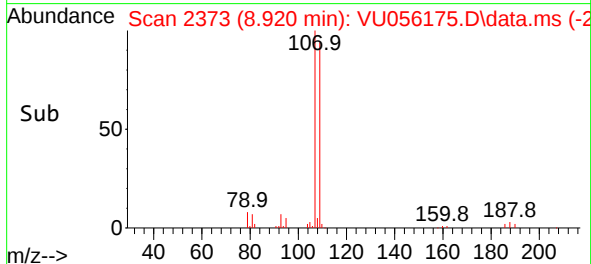
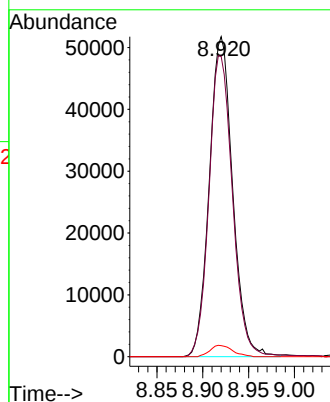
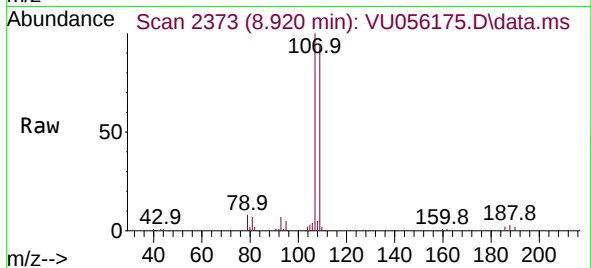
Tgt Ion:107 Resp: 91846

Ion Ratio Lower Upper

107 100

109 93.9 66.9 124.3

188 3.5 2.5 3.7



#51

Chlorobenzene

Concen: 5.138 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. -0.000 min

Lab File: VU056175.D

Acq: 10 Nov 2023 16:31

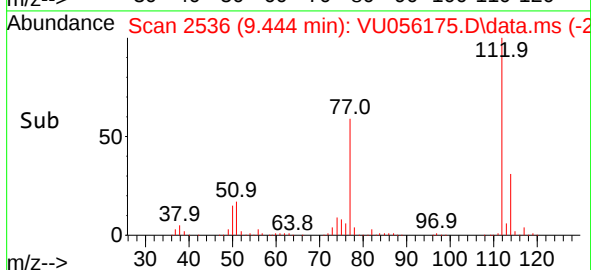
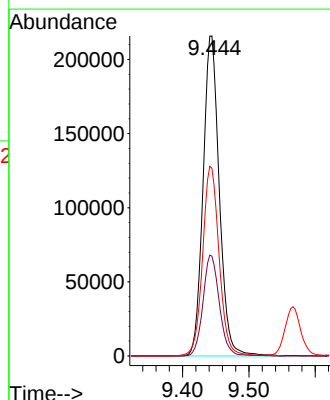
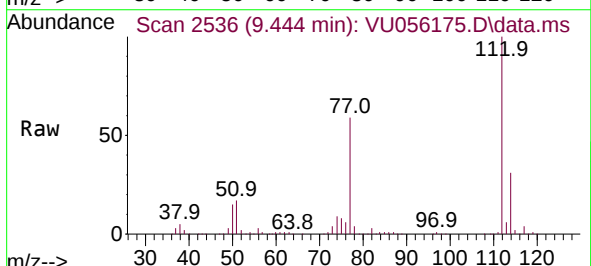
Tgt Ion:112 Resp: 367442

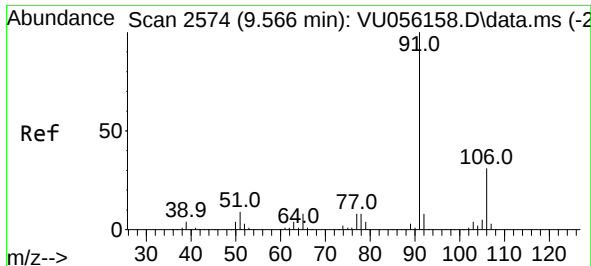
Ion Ratio Lower Upper

112 100

114 31.2 21.8 40.4

77 58.7 48.2 72.4

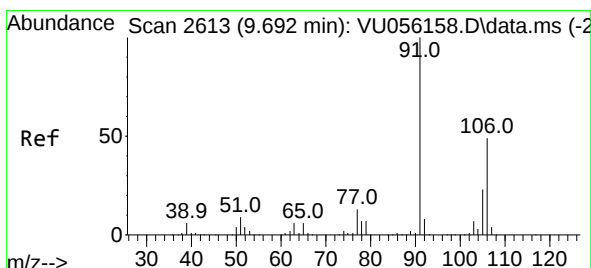
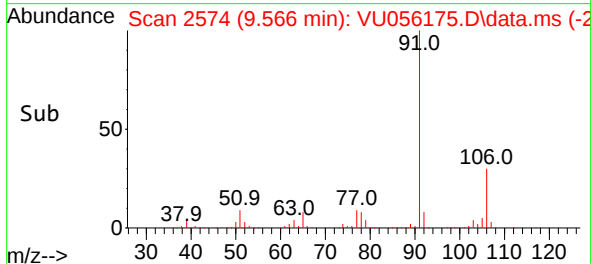
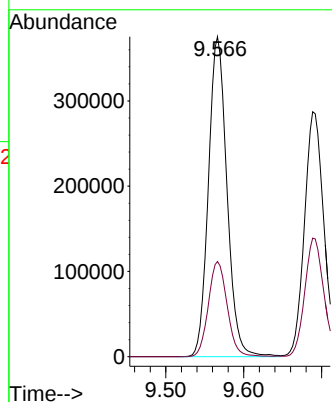
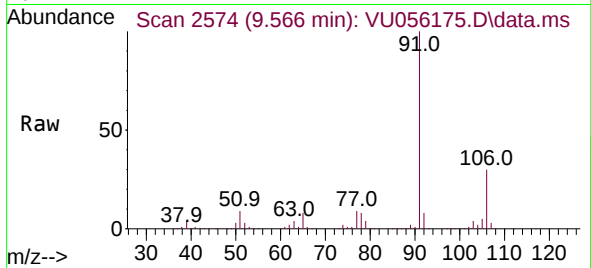




#52
Ethylbenzene
Concen: 5.133 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056175.D
Acq: 10 Nov 2023 16:31

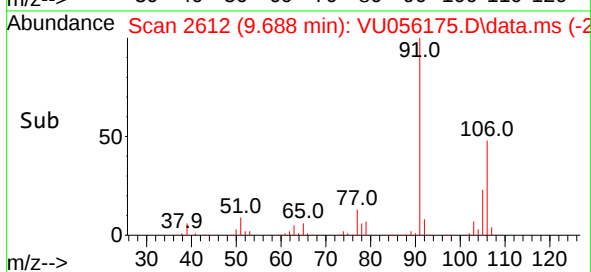
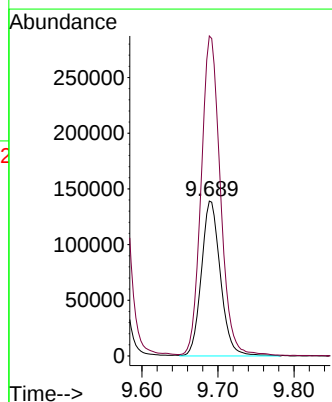
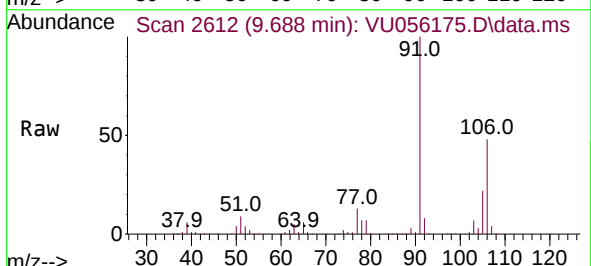
Instrument :
MSVOA_U
ClientSampleId :
GCDM5MS

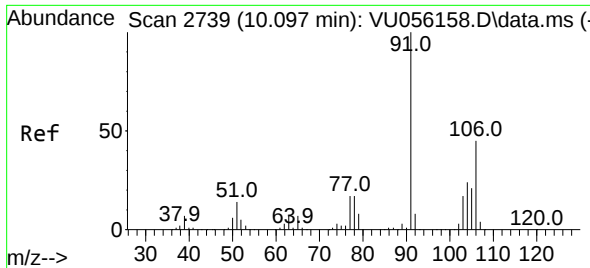
Tgt Ion: 91 Resp: 620101
Ion Ratio Lower Upper
91 100
106 29.8 21.2 39.4



#53
m,p-Xylene
Concen: 5.259 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.003 min
Lab File: VU056175.D
Acq: 10 Nov 2023 16:31

Tgt Ion: 106 Resp: 241618
Ion Ratio Lower Upper
106 100
91 206.6 144.9 269.1

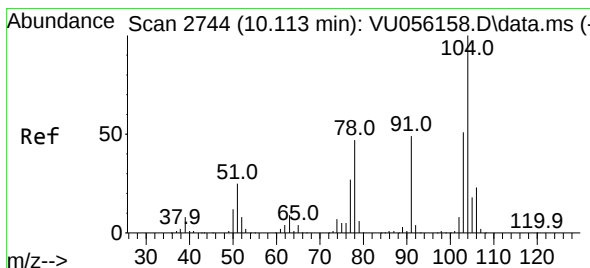
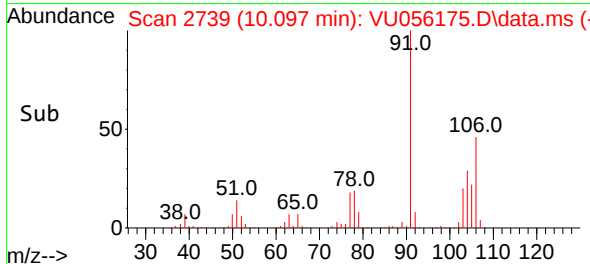
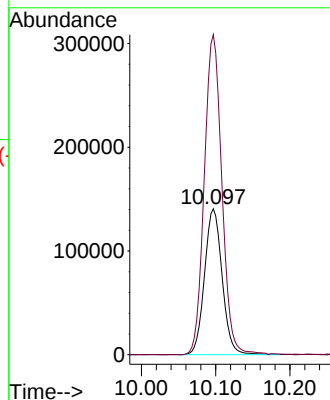
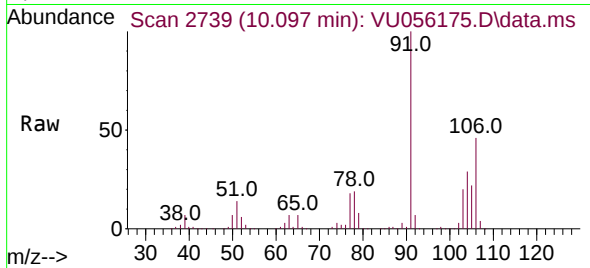




#54
o-Xylene
Concen: 5.268 ug/L
RT: 10.097 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056175.D
Acq: 10 Nov 2023 16:31

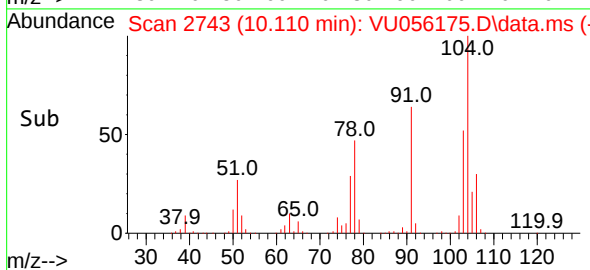
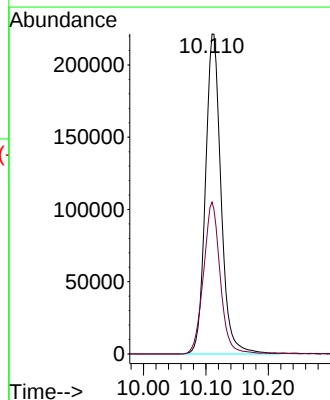
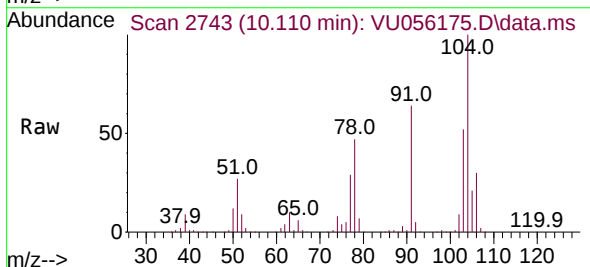
Instrument :
MSVOA_U
ClientSampleId :
GCDM5MS

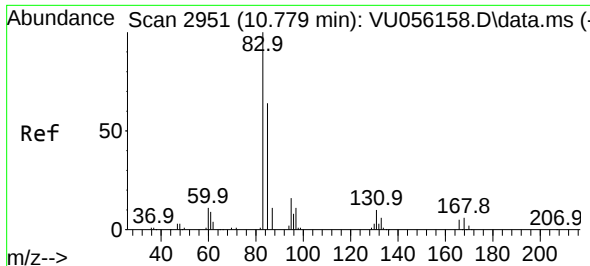
Tgt Ion:106 Resp: 231997
Ion Ratio Lower Upper
106 100
91 219.2 158.2 293.8



#55
Styrene
Concen: 5.337 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.003 min
Lab File: VU056175.D
Acq: 10 Nov 2023 16:31

Tgt Ion:104 Resp: 384555
Ion Ratio Lower Upper
104 100
78 47.4 33.5 62.3

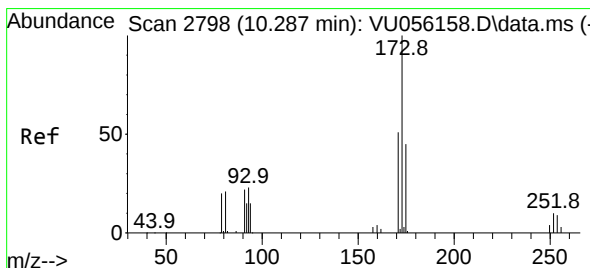
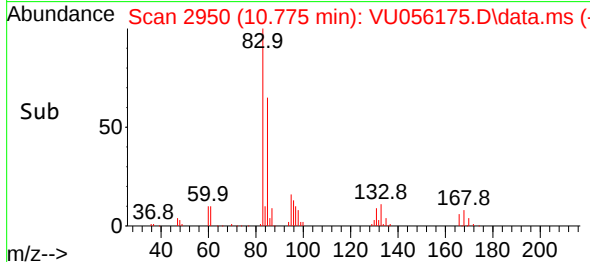
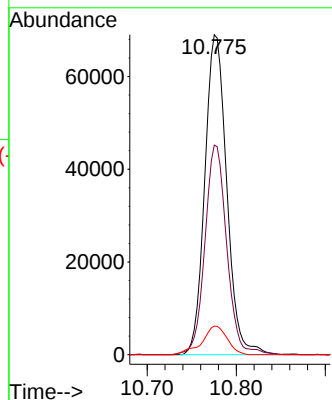
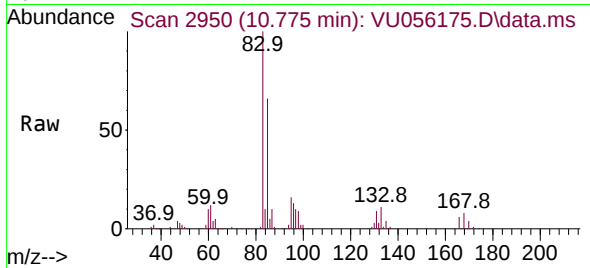




#57
1,1,2,2-Tetrachloroethane
Concen: 5.374 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU056175.D
Acq: 10 Nov 2023 16:31

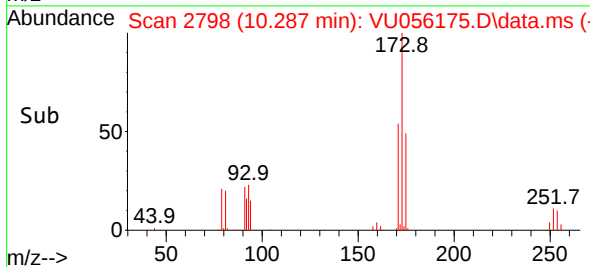
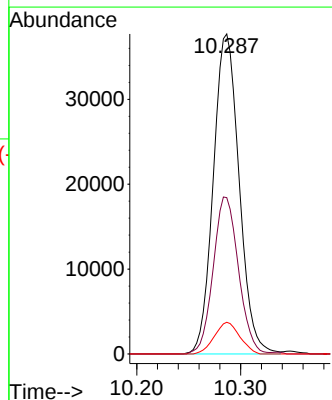
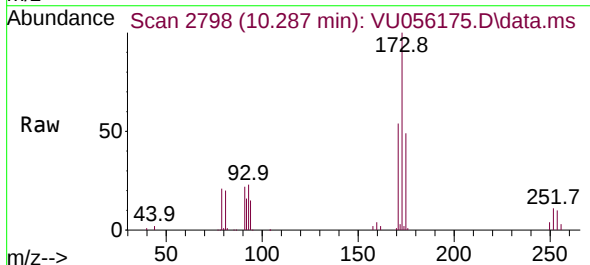
Instrument :
MSVOA_U
ClientSampleId :
GCDM5MS

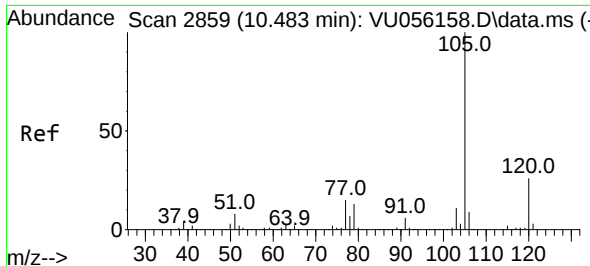
Tgt Ion: 83 Resp: 118064
Ion Ratio Lower Upper
83 100
85 65.5 44.0 81.8
131 8.9 7.4 11.2



#59
Bromoform
Concen: 4.896 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. -0.000 min
Lab File: VU056175.D
Acq: 10 Nov 2023 16:31

Tgt Ion:173 Resp: 65134
Ion Ratio Lower Upper
173 100
175 48.0 39.0 58.4
254 9.7 8.2 12.2

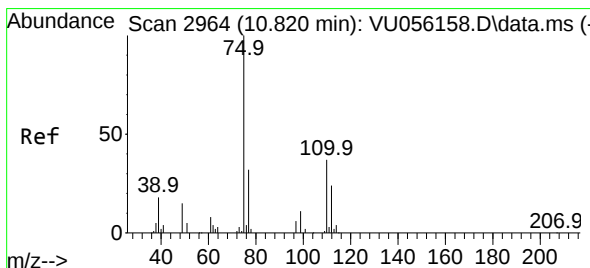
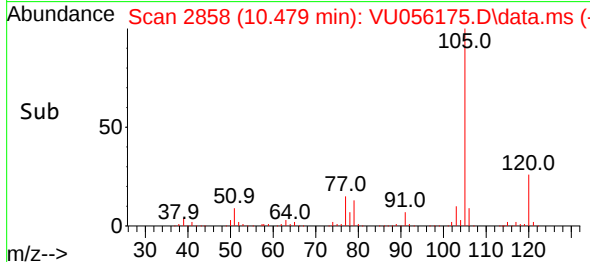
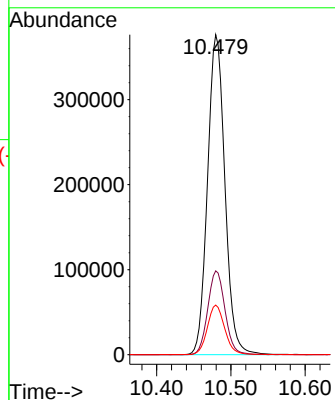
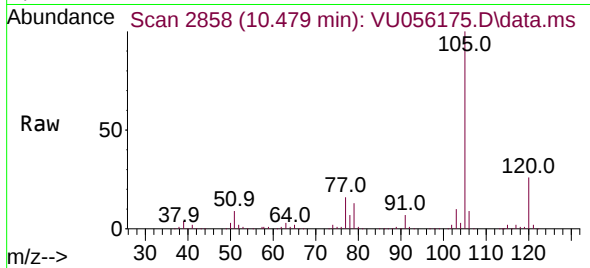




#60
Isopropylbenzene
Concen: 4.922 ug/L
RT: 10.479 min Scan# 2859
Delta R.T. -0.003 min
Lab File: VU056175.D
Acq: 10 Nov 2023 16:31

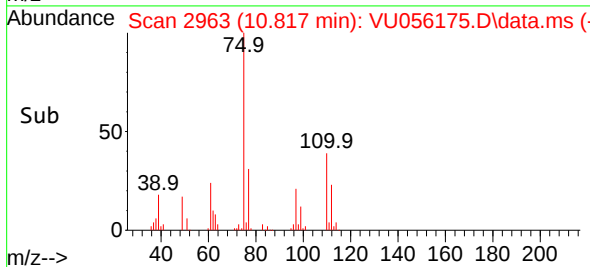
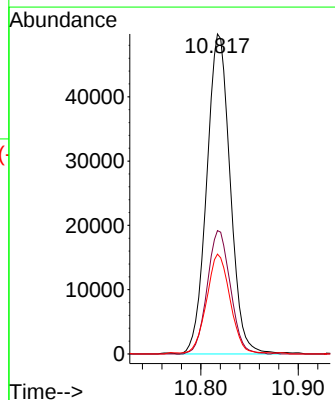
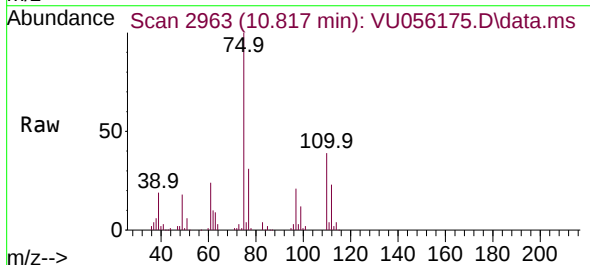
Instrument :
MSVOA_U
ClientSampleId :
GCDM5MS

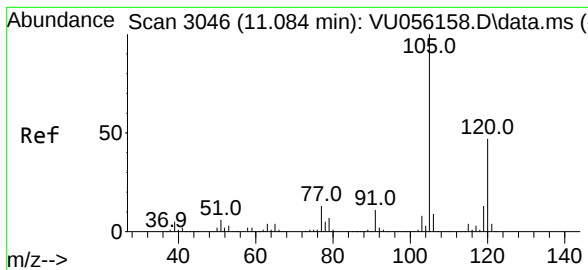
Tgt Ion:105 Resp: 611271
Ion Ratio Lower Upper
105 100
120 26.0 20.6 30.8
77 15.3 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.041 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.003 min
Lab File: VU056175.D
Acq: 10 Nov 2023 16:31

Tgt Ion: 75 Resp: 83349
Ion Ratio Lower Upper
75 100
110 38.0 29.7 44.5
77 30.6 25.5 38.3

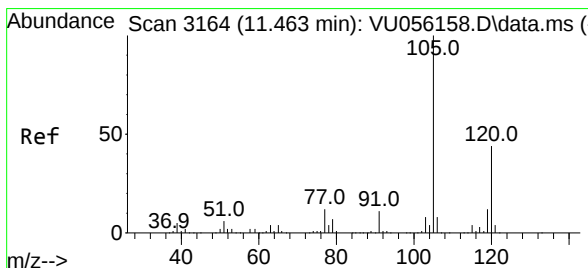
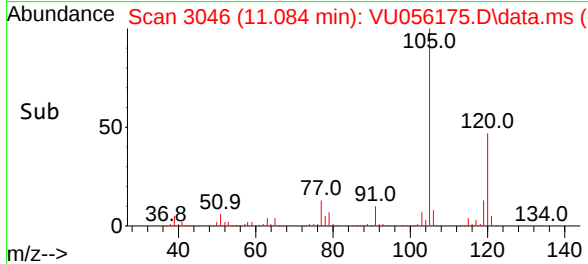
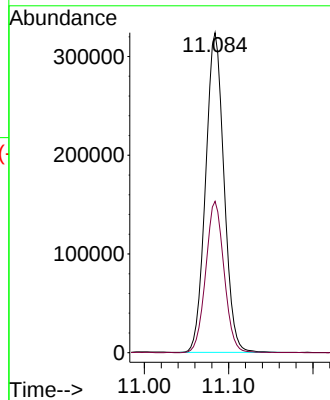
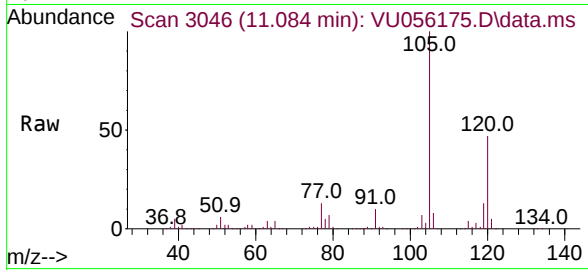




#62
 1,3,5-Trimethylbenzene
 Concen: 4.886 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. -0.000 min
 Lab File: VU056175.D
 Acq: 10 Nov 2023 16:31

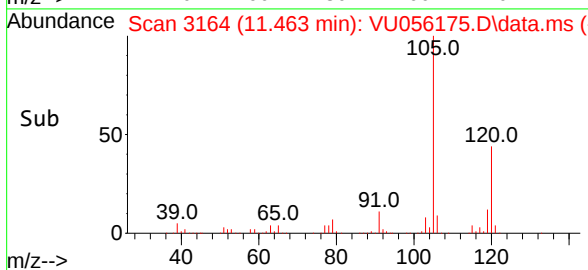
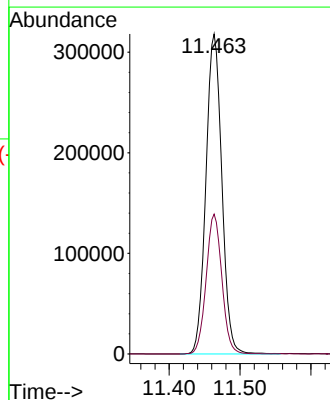
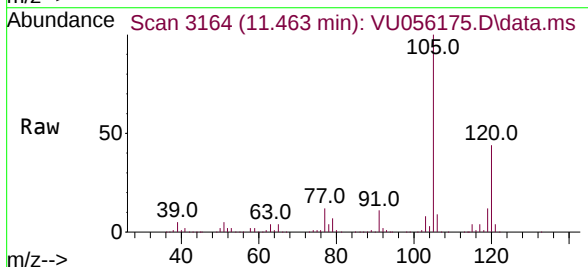
Instrument :
 MSVOA_U
 ClientSampleId :
 GCDM5MS

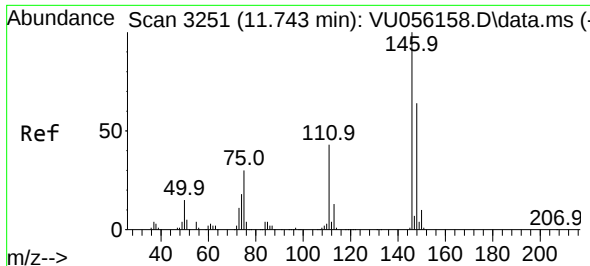
Tgt Ion:105 Resp: 492100
 Ion Ratio Lower Upper
 105 100
 120 47.3 37.9 56.9



#63
 1,2,4-Trimethylbenzene
 Concen: 5.026 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. -0.000 min
 Lab File: VU056175.D
 Acq: 10 Nov 2023 16:31

Tgt Ion:105 Resp: 496521
 Ion Ratio Lower Upper
 105 100
 120 43.1 35.4 53.0

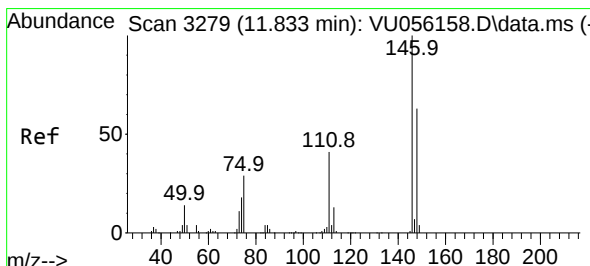
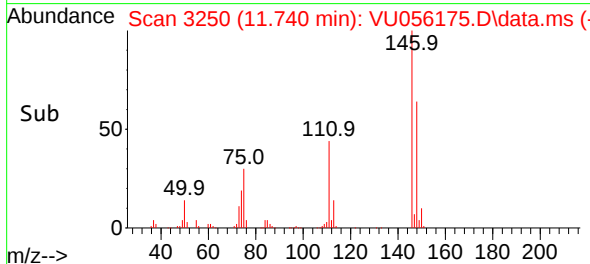
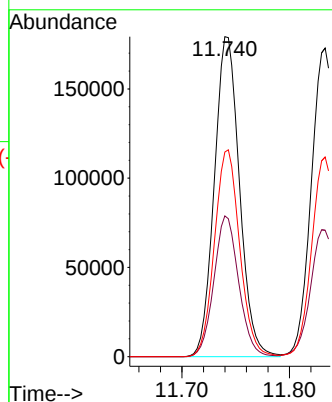
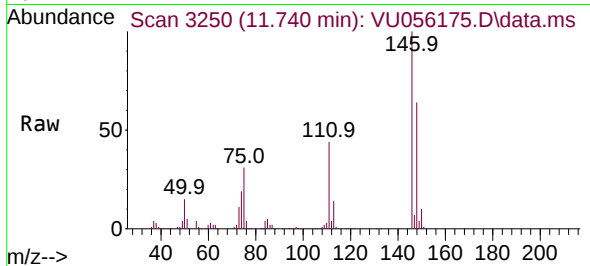




#64
1,3-Dichlorobenzene
Concen: 4.954 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU056175.D
Acq: 10 Nov 2023 16:31

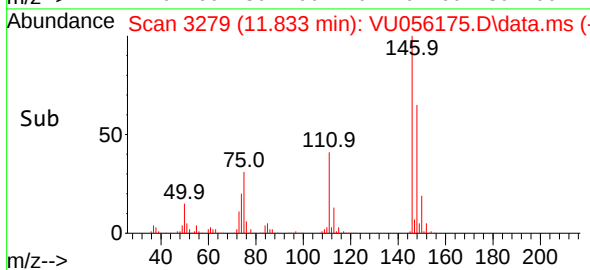
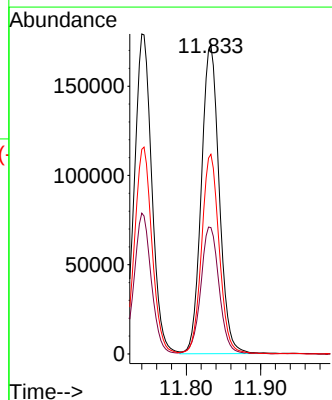
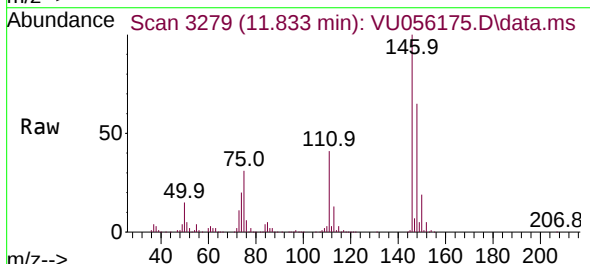
Instrument :
MSVOA_U
ClientSampleId :
GCDM5MS

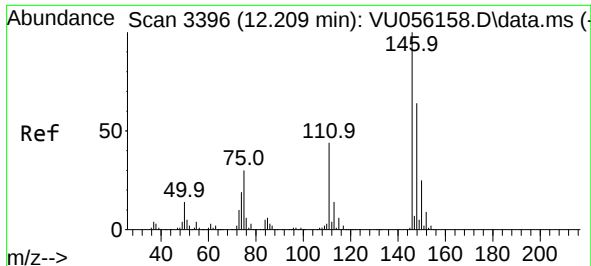
Tgt Ion:146 Resp: 291368
Ion Ratio Lower Upper
146 100
111 44.0 29.7 55.1
148 63.9 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 4.976 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU056175.D
Acq: 10 Nov 2023 16:31

Tgt Ion:146 Resp: 289372
Ion Ratio Lower Upper
146 100
111 41.0 29.0 53.8
148 64.7 43.9 81.5





#67

1,2-Dichlorobenzene

Concen: 4.958 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU056175.D

Acq: 10 Nov 2023 16:31

Instrument :

MSVOA_U

ClientSampleId :

GCDM5MS

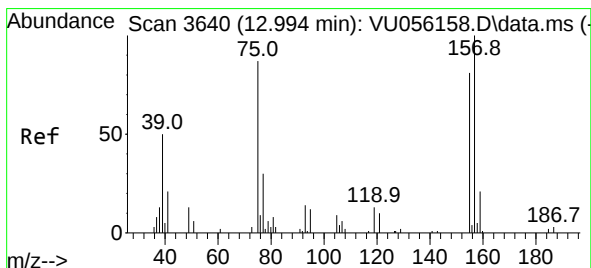
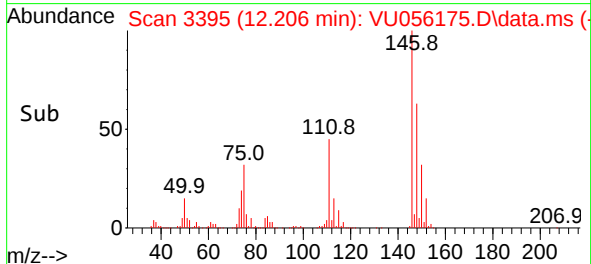
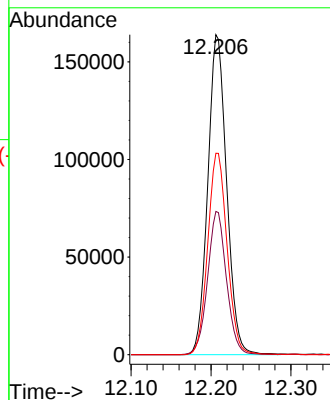
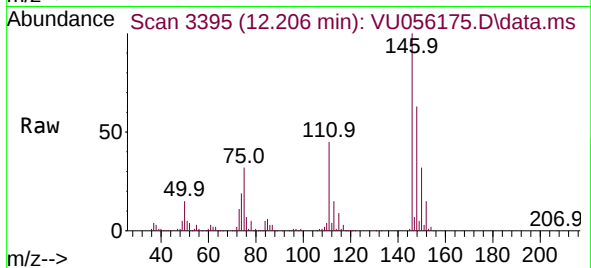
Tgt Ion:146 Resp: 268716

Ion Ratio Lower Upper

146 100

111 44.8 35.2 52.8

148 63.0 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 5.052 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.003 min

Lab File: VU056175.D

Acq: 10 Nov 2023 16:31

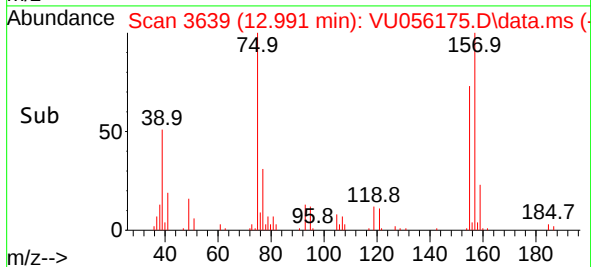
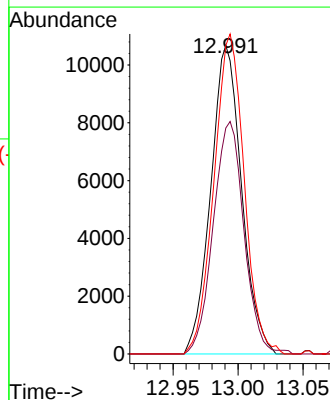
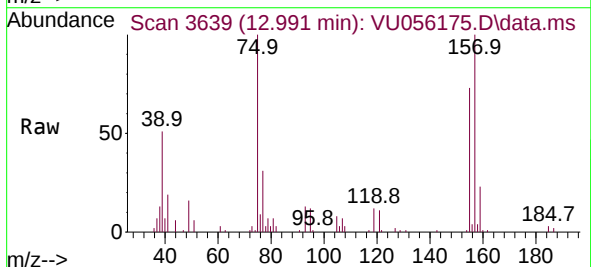
Tgt Ion: 75 Resp: 17617

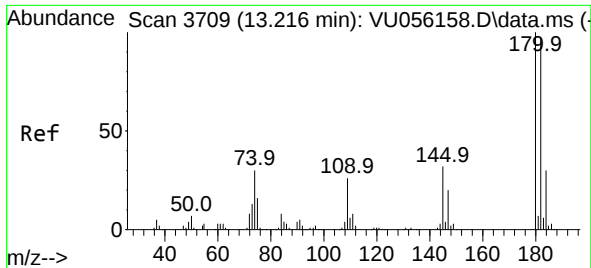
Ion Ratio Lower Upper

75 100

155 73.2 63.3 94.9

157 99.9 79.1 118.7

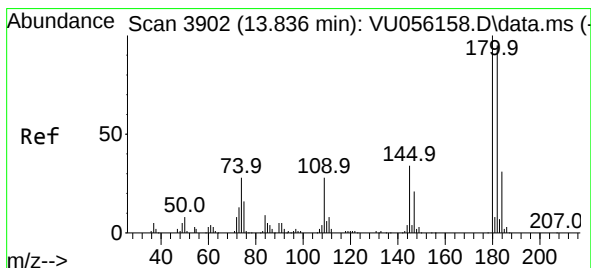
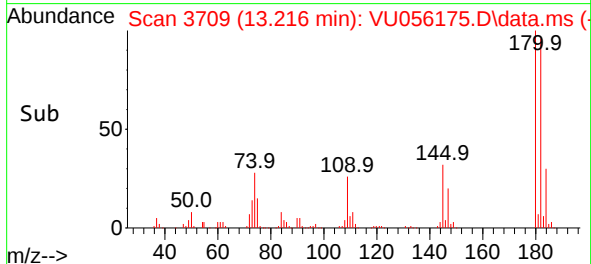
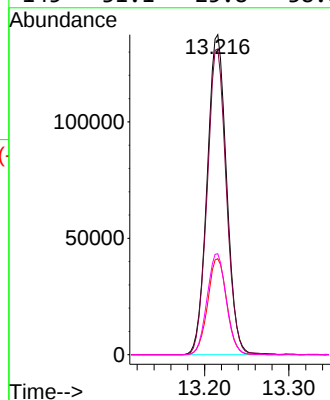
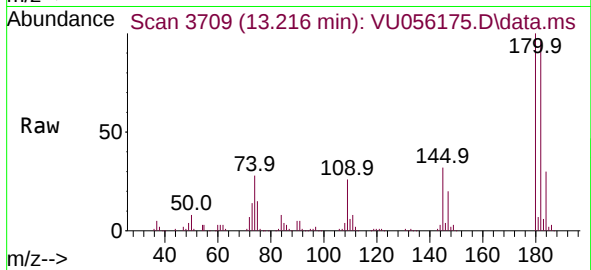




#69
1,3,5-Trichlorobenzene
Concen: 5.008 ug/L
RT: 13.216 min Scan# 3709
Delta R.T. -0.000 min
Lab File: VU056175.D
Acq: 10 Nov 2023 16:31

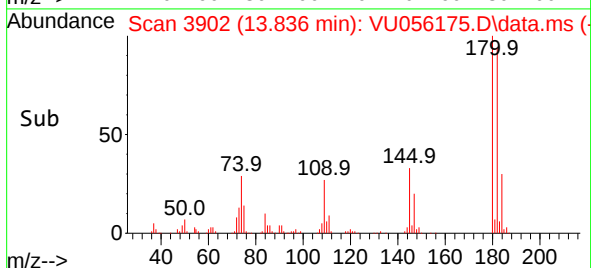
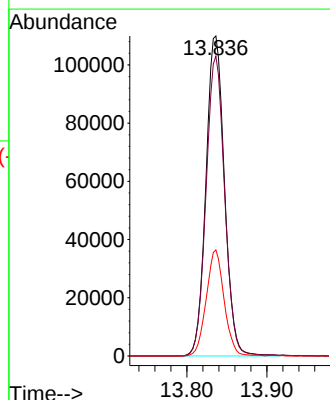
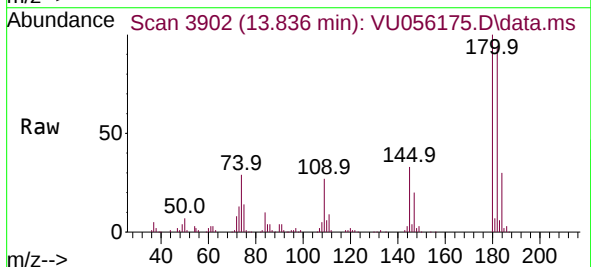
Instrument :
MSVOA_U
ClientSampleId :
GCDM5MS

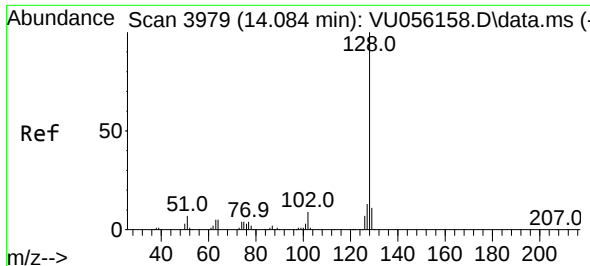
Tgt Ion:180 Resp: 220600
Ion Ratio Lower Upper
180 100
182 94.3 76.0 114.0
184 29.6 24.0 36.0
145 31.1 25.8 38.8



#70
1,2,4-trichlorobenzene
Concen: 5.081 ug/L
RT: 13.836 min Scan# 3902
Delta R.T. -0.000 min
Lab File: VU056175.D
Acq: 10 Nov 2023 16:31

Tgt Ion:180 Resp: 177572
Ion Ratio Lower Upper
180 100
182 93.6 77.4 116.2
145 32.0 25.9 38.9

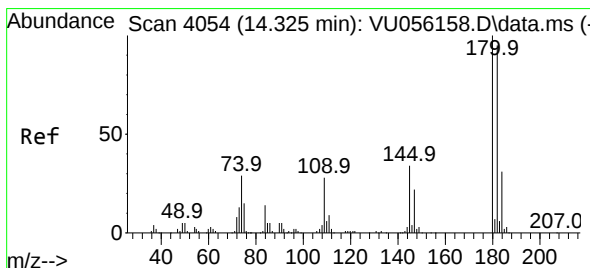
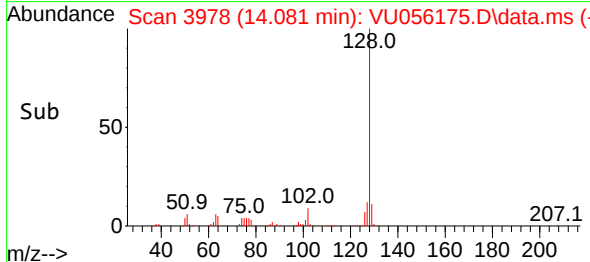
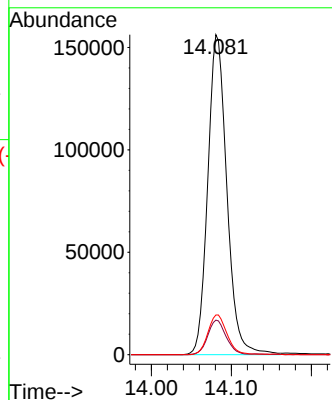
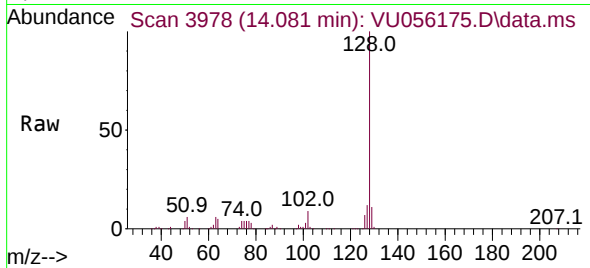




#71
Naphthalene
Concen: 5.013 ug/L
RT: 14.081 min Scan# 3979
Delta R.T. -0.003 min
Lab File: VU056175.D
Acq: 10 Nov 2023 16:31

Instrument :
MSVOA_U
ClientSampleId :
GCDM5MS

Tgt Ion:	128	Resp:	259837
Ion Ratio	Lower	Upper	
128	100		
129	10.4	8.4	12.6
127	12.4	10.5	15.7



#72
1,2,3-Trichlorobenzene
Concen: 5.047 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU056175.D
Acq: 10 Nov 2023 16:31

Tgt Ion:	180	Resp:	154650
Ion Ratio	Lower	Upper	
180	100		
182	95.3	76.6	115.0
145	34.2	28.0	42.0

