

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111023\
 Data File : VU056158.D
 Acq On : 10 Nov 2023 08:56
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 10 22:13:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 09 21:34:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	436309	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	427050	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	210137	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	104144	3.846	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.000%
7) Chloroethane-d5	1.904	69	65428	3.560	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.200%
11) 1,1-Dichloroethene-d2	2.560	65	48292	4.047	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.000%
20) 2-Butanone-d5	4.625	46	214582	48.298	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.600%
24) Chloroform-d	5.059	84	224977	4.364	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	5.695	65	96616	4.256	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
32) Benzene-d6	5.721	84	442483	4.314	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
36) 1,2-Dichloropropane-d6	6.686	67	129322	4.283	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.600%
41) Toluene-d8	7.894	98	410031	4.363	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	8.177	79	48979	4.244	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.800%
46) 2-Hexanone-d5	8.634	63	200547	53.018	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.040%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	99473	4.616	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	138458	4.273	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	172490	4.662	ug/L	99
3) Chloromethane	1.515	50	152105	4.388	ug/L	97
5) Vinyl chloride	1.602	62	161369	4.500	ug/L	97
6) Bromomethane	1.853	94	80753	3.921	ug/L	100
8) Chloroethane	1.927	64	77656	3.994	ug/L	99
9) Trichlorofluoromethane	2.129	101	227397	4.794	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	147114	4.869	ug/L	98
12) 1,1-Dichloroethene	2.573	96	133124	4.747	ug/L	98
13) Acetone	2.631	43	153305	46.788	ug/L	98
14) Carbon disulfide	2.789	76	420323	4.399	ug/L	99
15) Methyl Acetate	2.946	43	41659	4.506	ug/L	97
16) Methylene chloride	3.039	84	142313	4.426	ug/L	99
17) Methyl tert-butyl Ether	3.358	73	296277	4.690	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	138239	4.652	ug/L	99
19) 1,1-Dichloroethane	3.862	63	251957	4.648	ug/L	96
21) 2-Butanone	4.702	43	259754	48.070	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	149812	4.670	ug/L	99
23) Bromochloromethane	4.969	128	65169	4.579	ug/L	95
25) Chloroform	5.081	83	265174	4.591	ug/L	98

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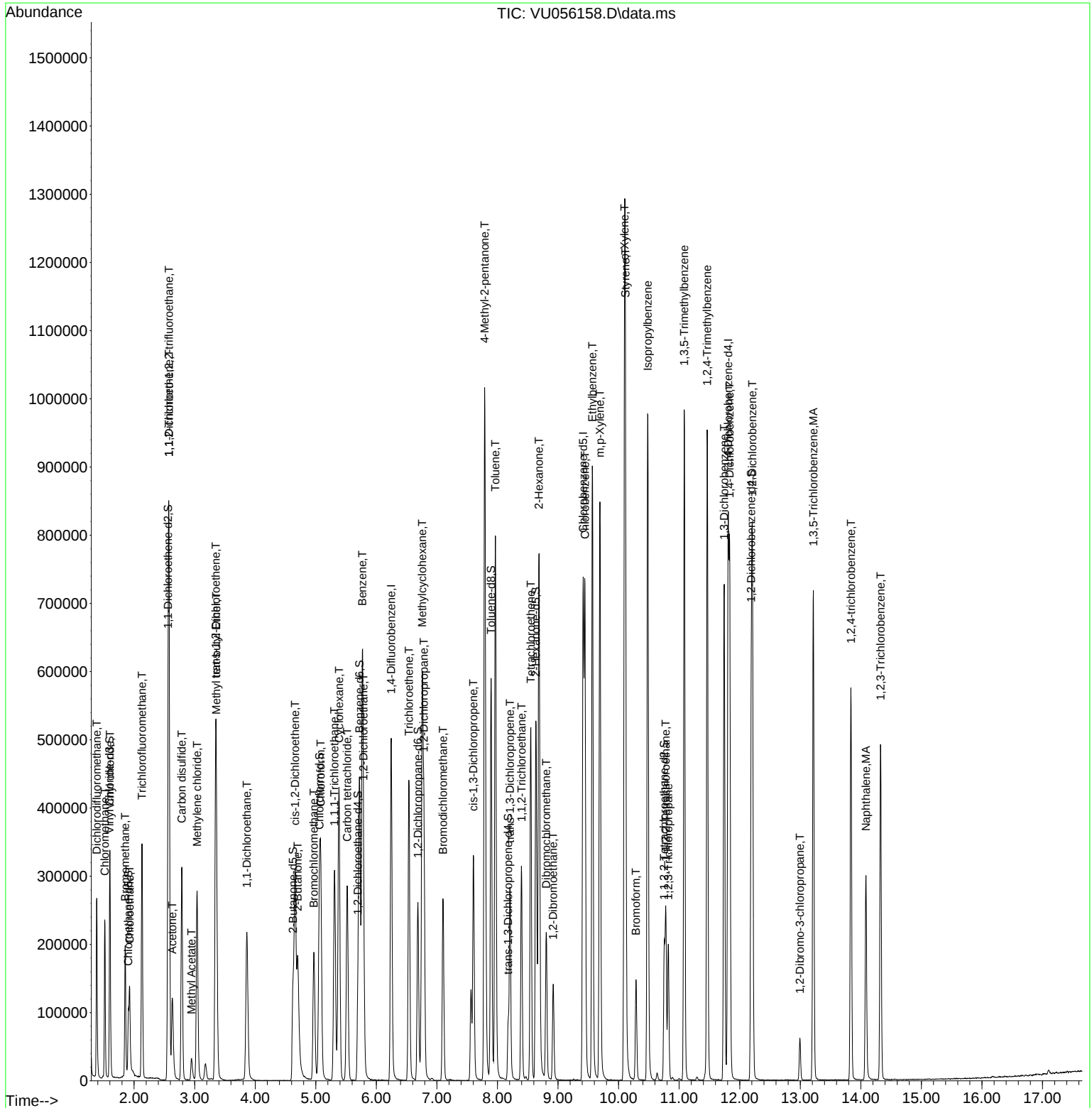
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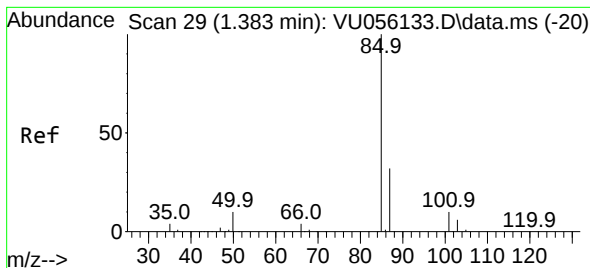
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 09 21:34:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	150206	4.595	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	231420	4.730	ug/L	98
30) Cyclohexane	5.383	56	218614	4.783	ug/L	99
31) Carbon tetrachloride	5.518	117	203848	4.692	ug/L	100
33) Benzene	5.769	78	580232	4.745	ug/L	100
34) Trichloroethene	6.538	95	156367	4.682	ug/L	94
35) Methylcyclohexane	6.759	83	235704	4.748	ug/L	99
37) 1,2-Dichloropropane	6.785	63	147668	4.644	ug/L	99
38) Bromodichloromethane	7.100	83	181482	4.570	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	209318	4.664	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	679459	48.850	ug/L	100
42) Toluene	7.965	91	616893	4.785	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	167180	4.601	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	102272	4.705	ug/L	98
47) Tetrachloroethene	8.550	164	117487	4.687	ug/L	98
48) 2-Hexanone	8.685	43	493656	48.747	ug/L	98
49) Dibromochloromethane	8.804	129	117326	4.704	ug/L	95
50) 1,2-Dibromoethane	8.920	107	95260	4.690	ug/L	97
51) Chlorobenzene	9.444	112	389384	4.682	ug/L	99
52) Ethylbenzene	9.566	91	674028	4.798	ug/L	100
53) m,p-Xylene	9.692	106	263644	4.935	ug/L	99
54) o-Xylene	10.097	106	250527	4.892	ug/L	97
55) Styrene	10.113	104	423301	5.052	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.779	83	122045	4.777	ug/L	98
59) Bromoform	10.287	173	69475	4.760	ug/L	96
60) Isopropylbenzene	10.483	105	669194	4.912	ug/L	100
61) 1,2,3-Trichloropropane	10.820	75	87514	4.825	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	543682	4.920	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	541533	4.996	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	311595	4.829	ug/L	100
65) 1,4-Dichlorobenzene	11.833	146	300791	4.714	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	286034	4.810	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	16589	4.336	ug/L	84
69) 1,3,5-Trichlorobenzene	13.216	180	229013	4.739	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	176590	4.606	ug/L	98
71) Naphthalene	14.084	128	258749	4.550	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	154409	4.593	ug/L	99

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

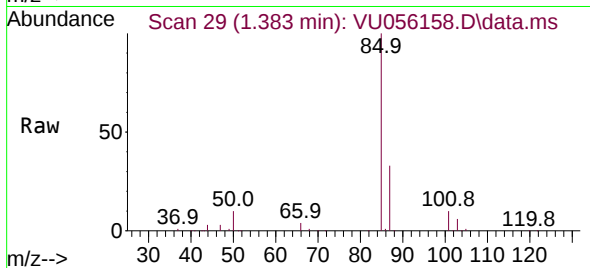
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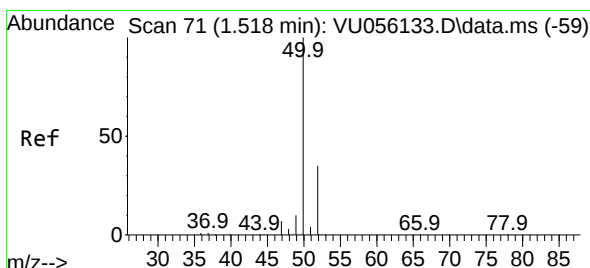
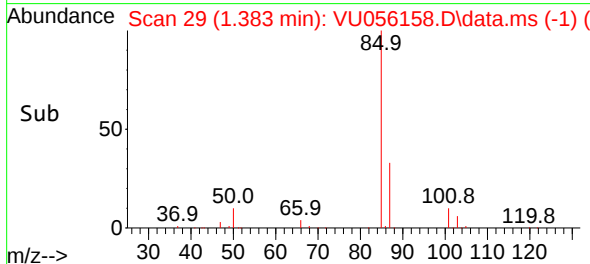
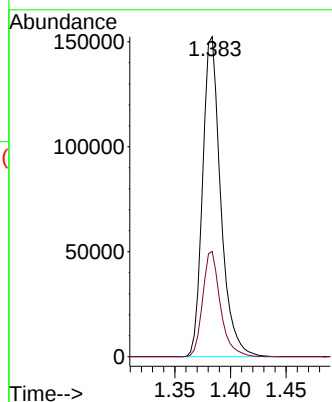


#2
 Dichlorodifluoromethane
 Concen: 4.662 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU056158.D
 Acq: 10 Nov 2023 08:56

Instrument :
 MSVOA_U
 ClientSampleId :

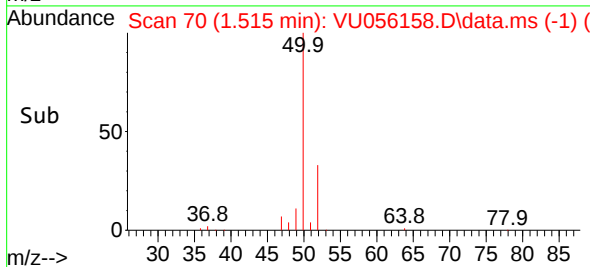
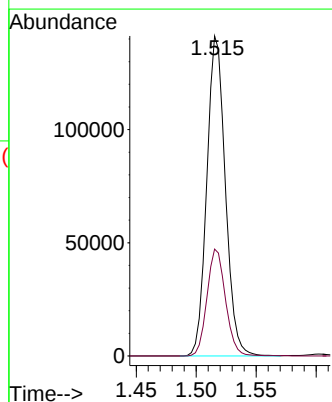
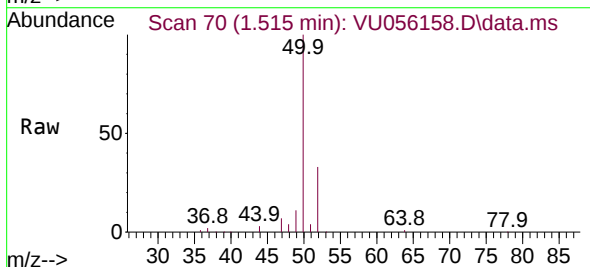


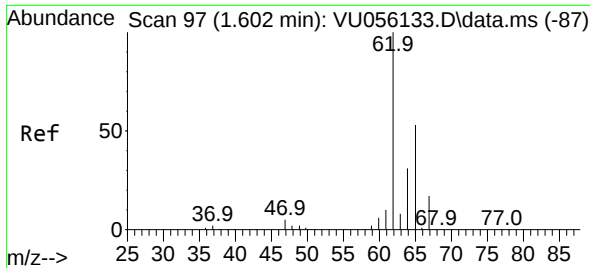
Tgt Ion: 85 Resp: 172490
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.4 39.6



#3
 Chloromethane
 Concen: 4.388 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VU056158.D
 Acq: 10 Nov 2023 08:56

Tgt Ion: 50 Resp: 152105
 Ion Ratio Lower Upper
 50 100
 52 33.4 22.2 41.2

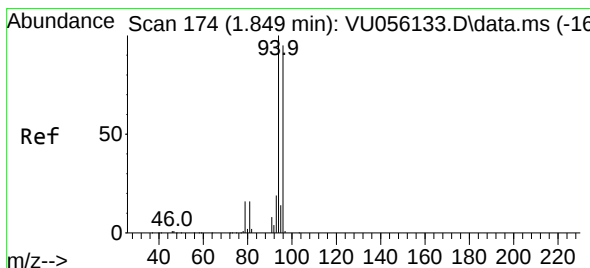
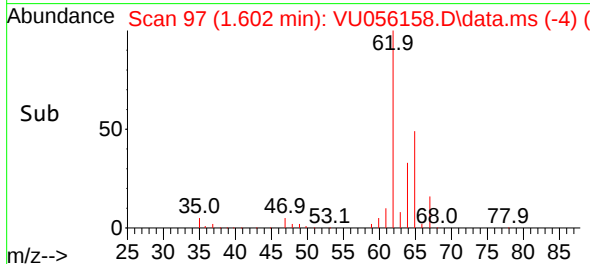
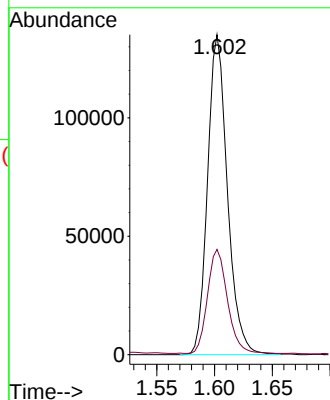
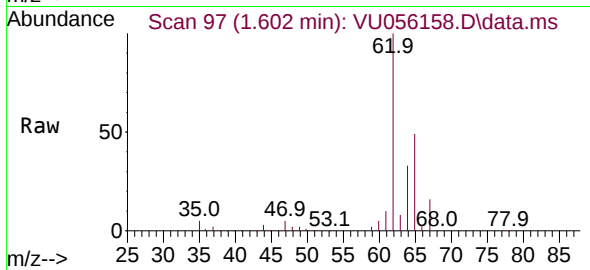




#5
 Vinyl chloride
 Concen: 4.500 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU056158.D
 Acq: 10 Nov 2023 08:56

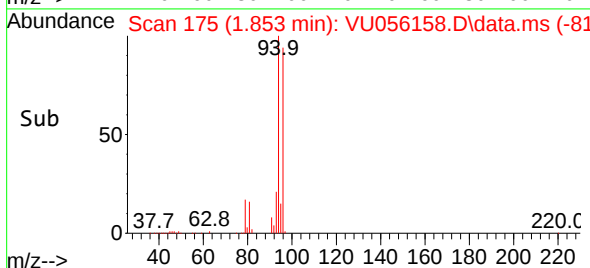
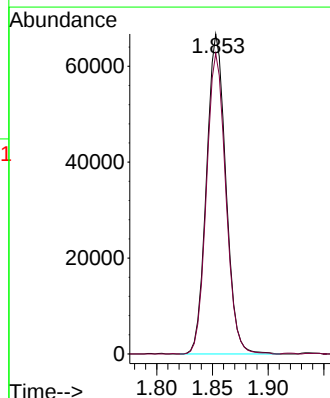
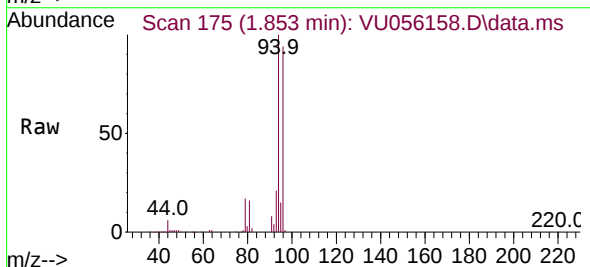
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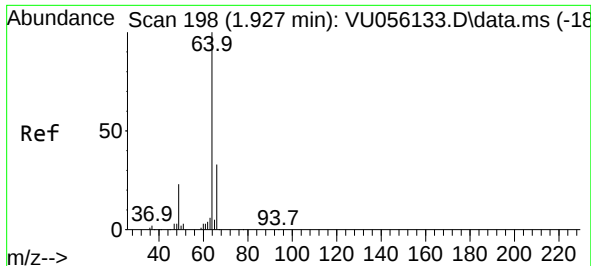
Tgt Ion: 62 Resp: 161369
 Ion Ratio Lower Upper
 62 100
 64 32.9 24.1 44.7



#6
 Bromomethane
 Concen: 3.921 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.003 min
 Lab File: VU056158.D
 Acq: 10 Nov 2023 08:56

Tgt Ion: 94 Resp: 80753
 Ion Ratio Lower Upper
 94 100
 96 93.9 65.6 121.8

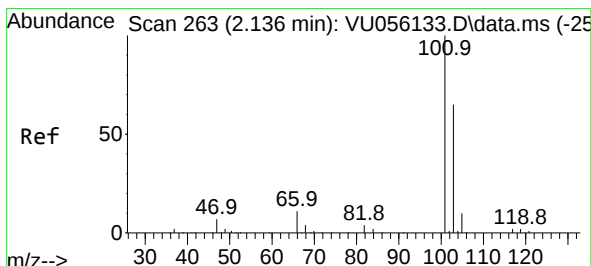
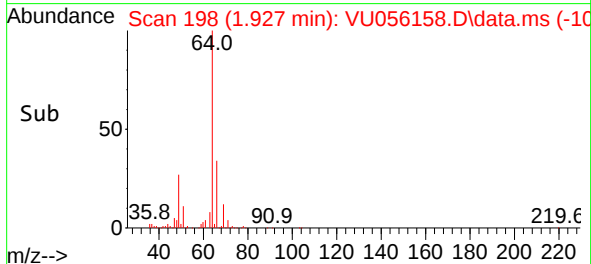
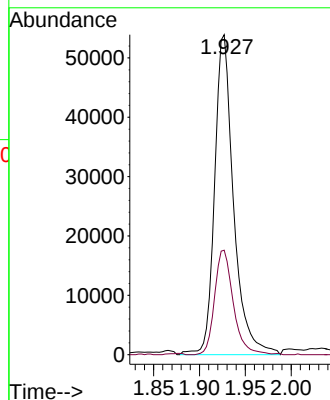
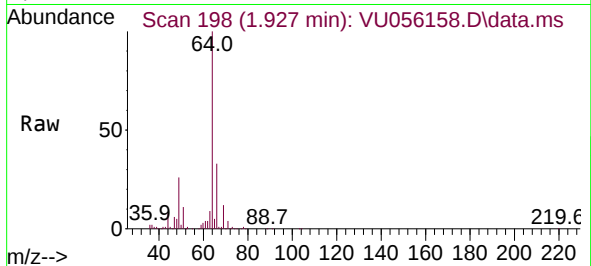




#8
Chloroethane
Concen: 3.994 ug/L
RT: 1.927 min Scan# 198
Delta R.T. 0.000 min
Lab File: VU056158.D
Acq: 10 Nov 2023 08:56

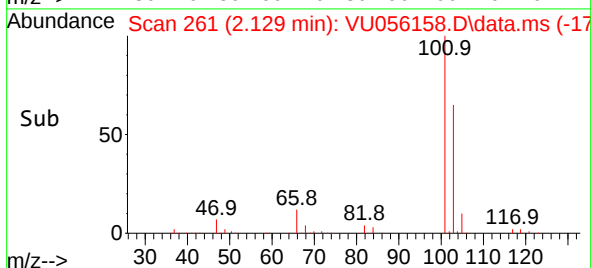
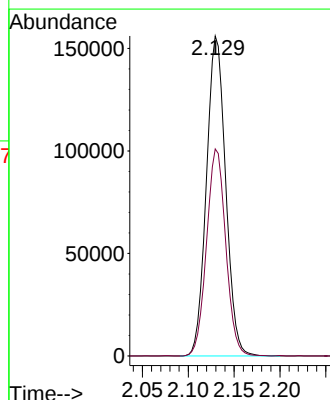
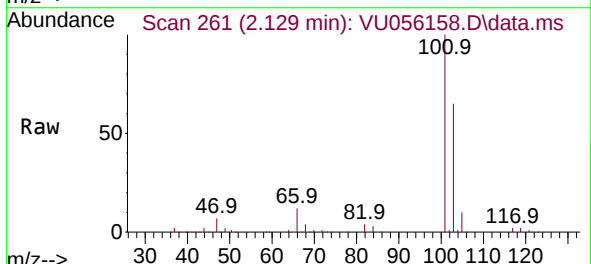
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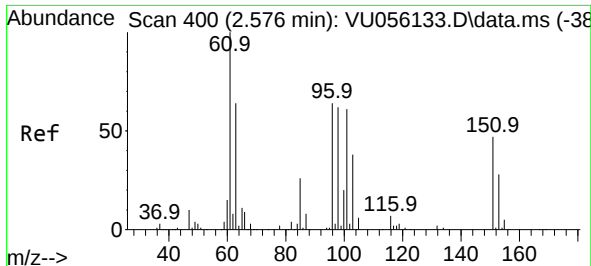
Tgt Ion: 64 Resp: 77656
Ion Ratio Lower Upper
64 100
66 32.6 22.4 41.6



#9
Trichlorofluoromethane
Concen: 4.794 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.006 min
Lab File: VU056158.D
Acq: 10 Nov 2023 08:56

Tgt Ion:101 Resp: 227397
Ion Ratio Lower Upper
101 100
103 64.7 51.8 77.6

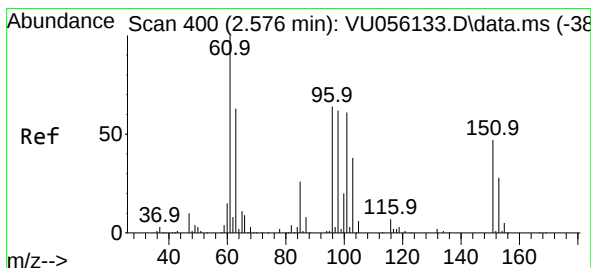
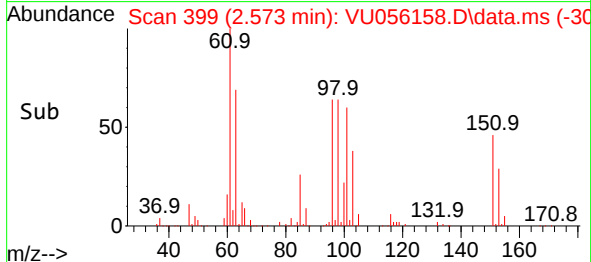
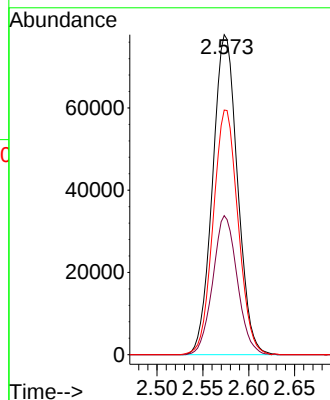
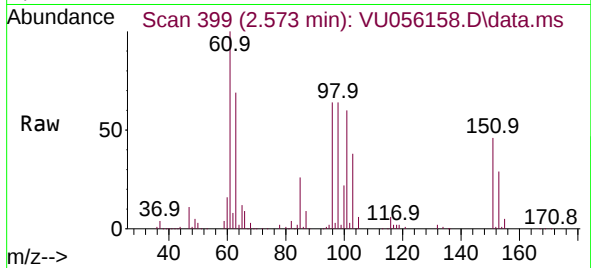




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.869 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU056158.D
 Acq: 10 Nov 2023 08:56

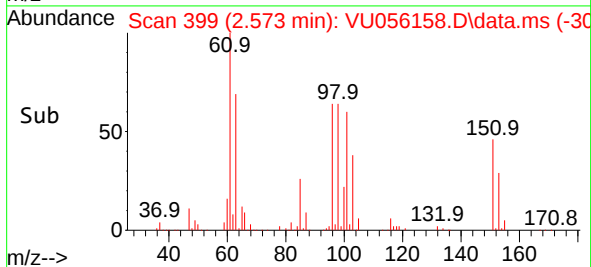
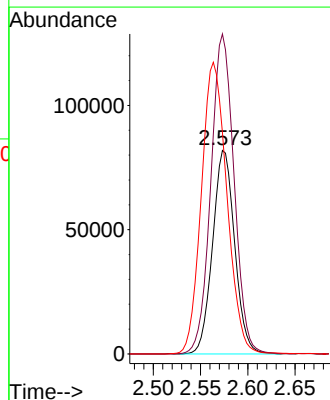
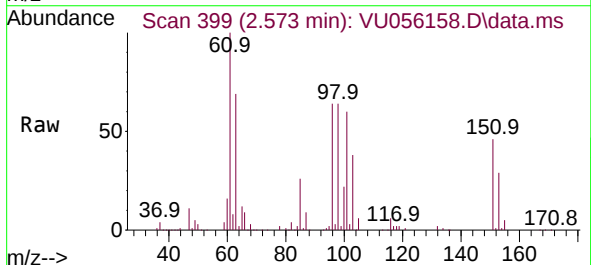
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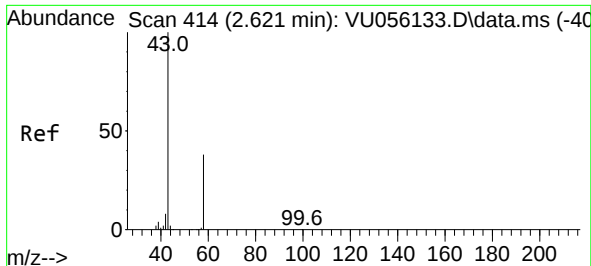
Tgt Ion:101 Resp: 147114
 Ion Ratio Lower Upper
 101 100
 85 42.6 34.2 51.4
 151 76.4 59.3 88.9



#12
 1,1-Dichloroethene
 Concen: 4.747 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU056158.D
 Acq: 10 Nov 2023 08:56

Tgt Ion: 96 Resp: 133124
 Ion Ratio Lower Upper
 96 100
 61 157.2 111.7 207.5
 63 108.7 74.5 138.3





#13

Acetone

Concen: 46.788 ug/L

RT: 2.631 min Scan# 41

Delta R.T. 0.010 min

Lab File: VU056158.D

Acq: 10 Nov 2023 08:56

Instrument :

MSVOA_U

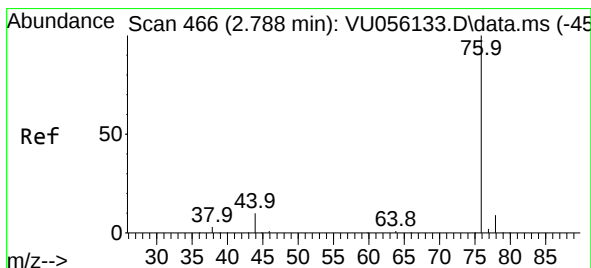
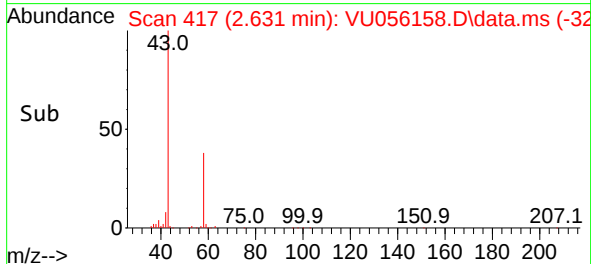
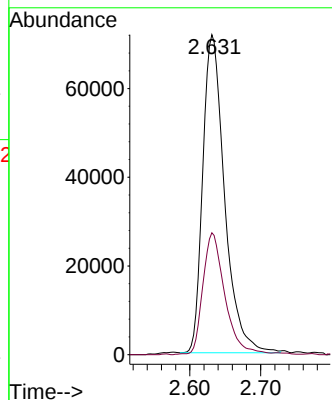
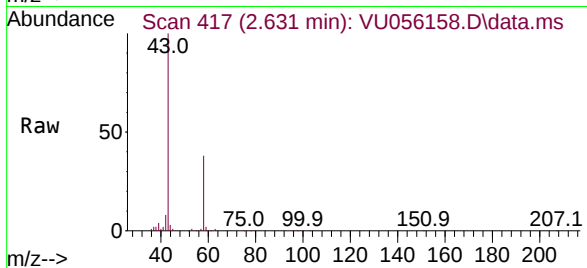
ClientSampleId :

Tgt Ion: 43 Resp: 153305

Ion Ratio Lower Upper

43 100

58 38.6 0.0 74.4



#14

Carbon disulfide

Concen: 4.399 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU056158.D

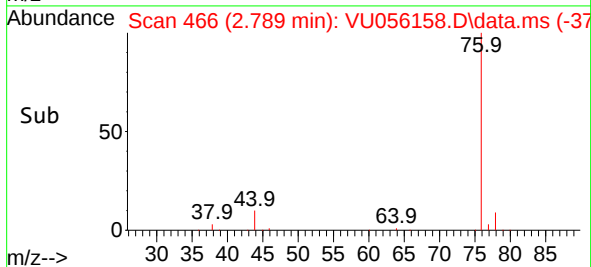
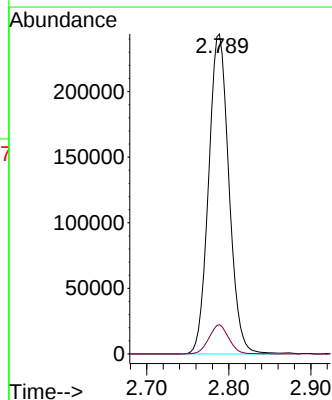
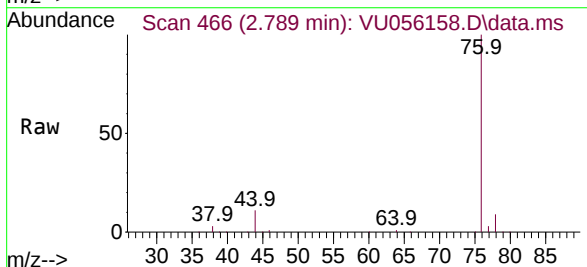
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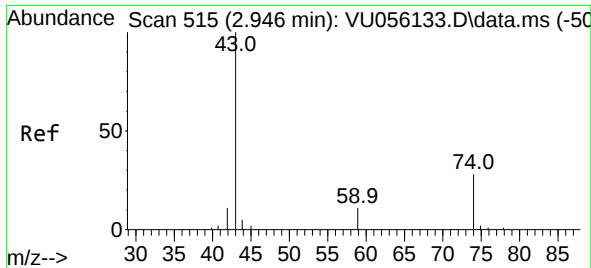
Tgt Ion: 76 Resp: 420323

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.6

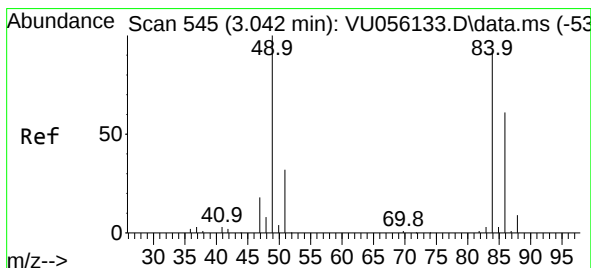
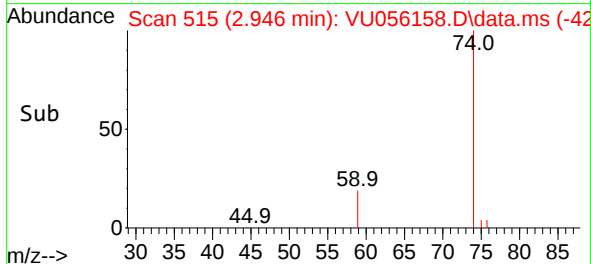
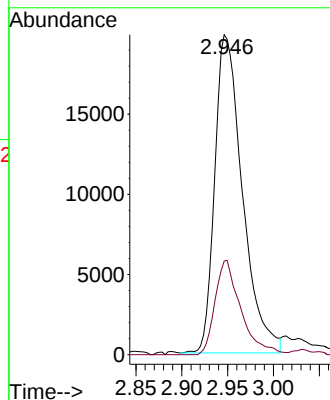
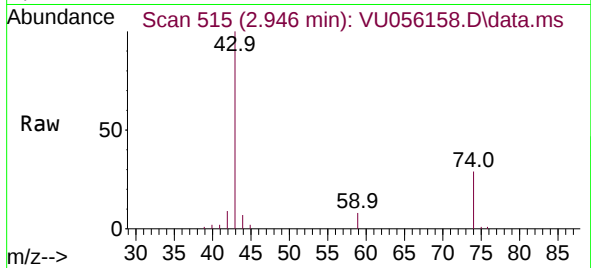




#15
Methyl Acetate
Concen: 4.506 ug/L
RT: 2.946 min Scan# 515
Delta R.T. 0.000 min
Lab File: VU056158.D
Acq: 10 Nov 2023 08:56

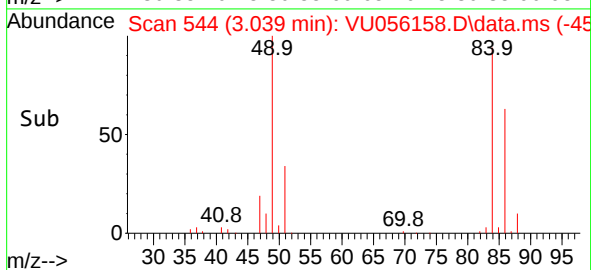
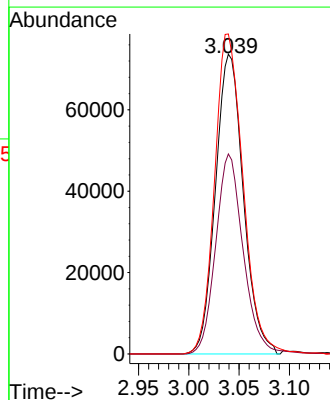
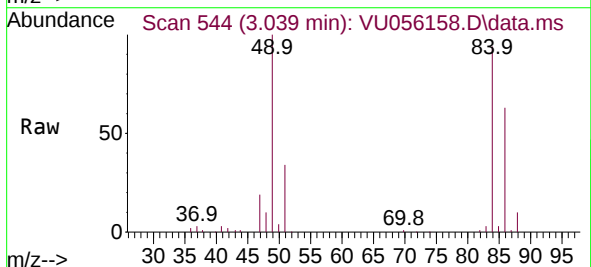
Instrument :
MSVOA_U
ClientSampleId :

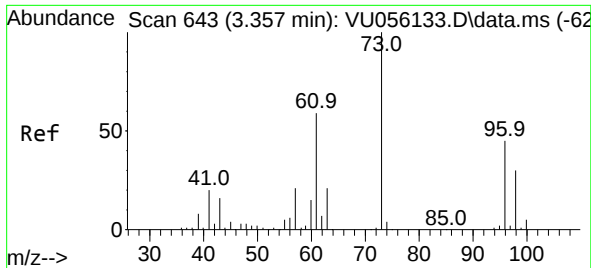
Tgt Ion: 43 Resp: 41659
Ion Ratio Lower Upper
43 100
74 27.7 23.3 34.9



#16
Methylene chloride
Concen: 4.426 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU056158.D
Acq: 10 Nov 2023 08:56

Tgt Ion: 84 Resp: 142313
Ion Ratio Lower Upper
84 100
86 66.7 44.9 83.5
49 106.7 75.0 139.4

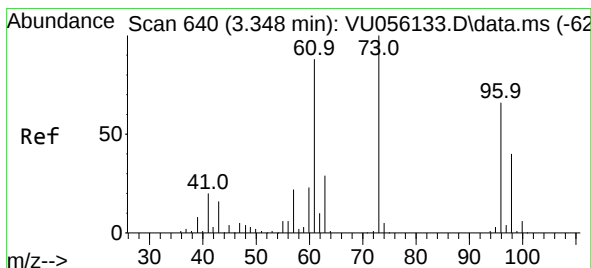
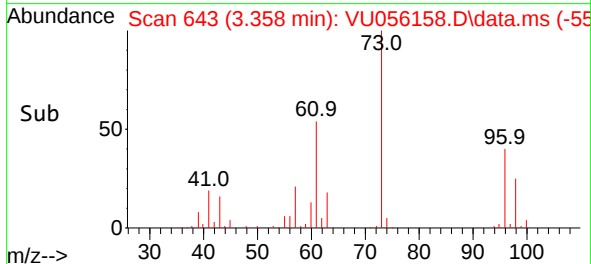
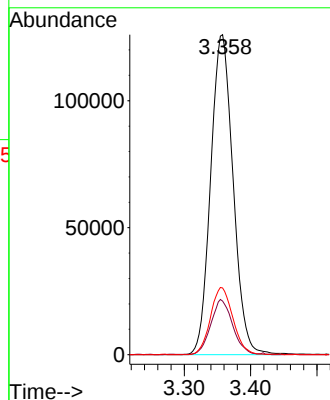
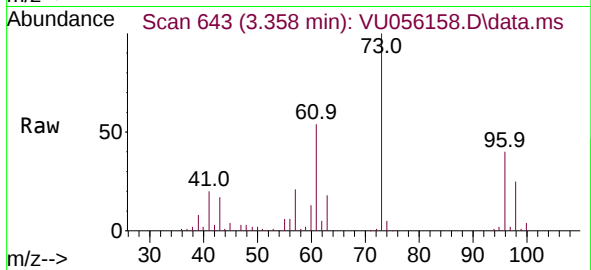




#17
Methyl tert-butyl Ether
Concen: 4.690 ug/L
RT: 3.358 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU056158.D
Acq: 10 Nov 2023 08:56

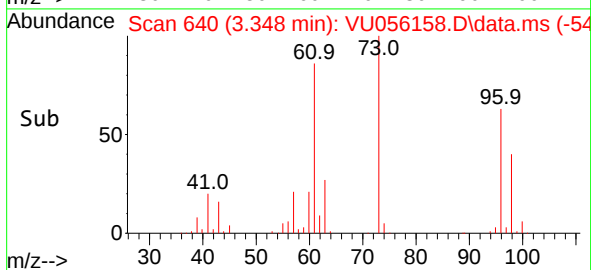
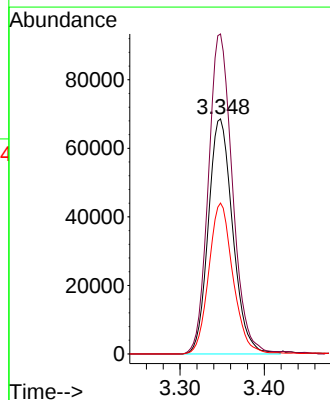
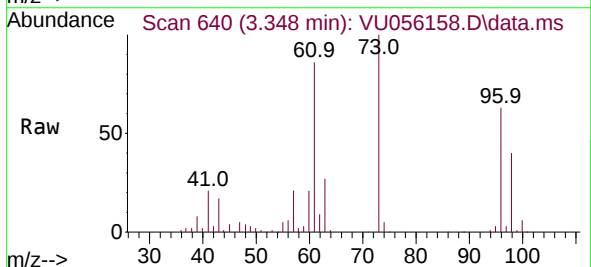
Instrument :
MSVOA_U
ClientSampleId :

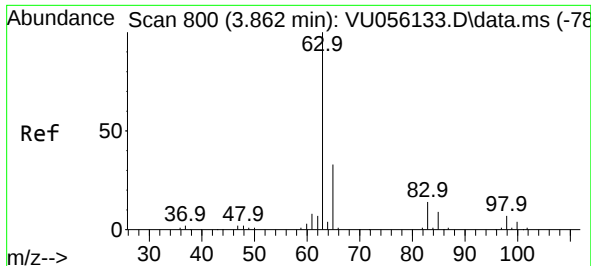
Tgt Ion: 73 Resp: 296277
Ion Ratio Lower Upper
73 100
43 16.5 13.6 20.4
57 21.0 17.3 25.9



#18
trans-1,2-Dichloroethene
Concen: 4.652 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU056158.D
Acq: 10 Nov 2023 08:56

Tgt Ion: 96 Resp: 138239
Ion Ratio Lower Upper
96 100
61 136.2 96.7 179.5
98 64.2 44.3 82.3





#19

1,1-Dichloroethane

Concen: 4.648 ug/L

RT: 3.862 min Scan# 80

Delta R.T. 0.000 min

Lab File: VU056158.D

Acq: 10 Nov 2023 08:56

Instrument :

MSVOA_U

ClientSampleId :

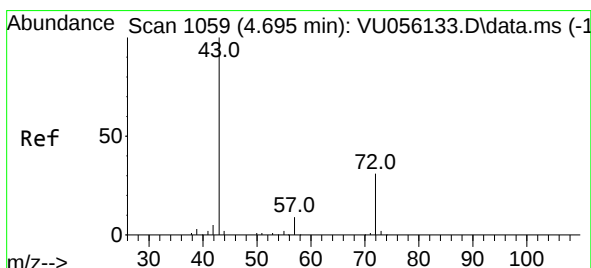
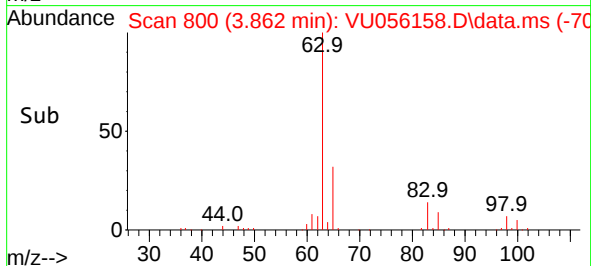
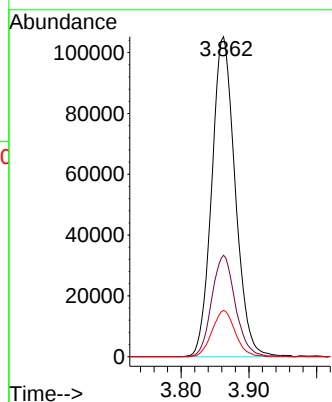
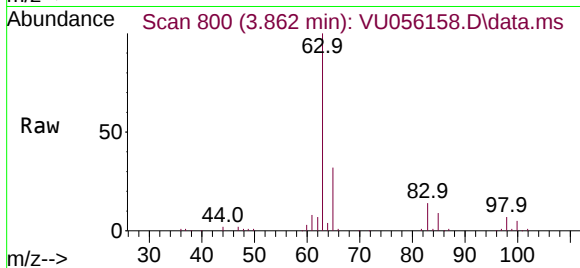
Tgt Ion: 63 Resp: 251957

Ion Ratio Lower Upper

63 100

65 31.7 20.6 38.2

83 14.5 9.6 17.8



#21

2-Butanone

Concen: 48.070 ug/L

RT: 4.702 min Scan# 1061

Delta R.T. 0.007 min

Lab File: VU056158.D

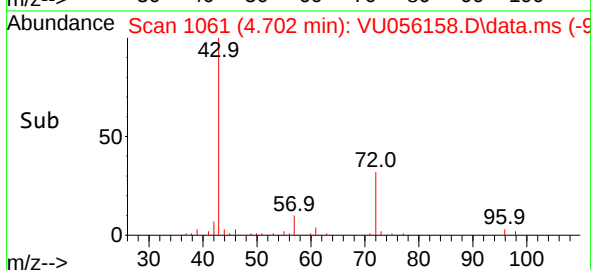
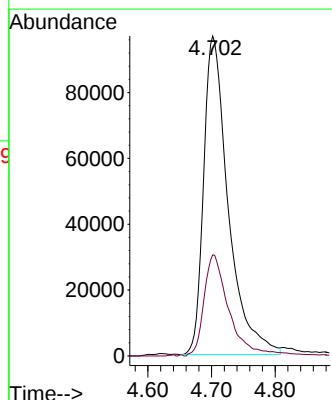
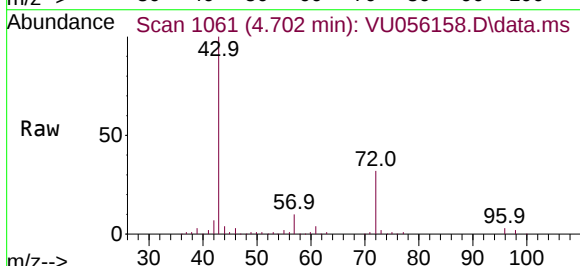
Acq: 10 Nov 2023 08:56

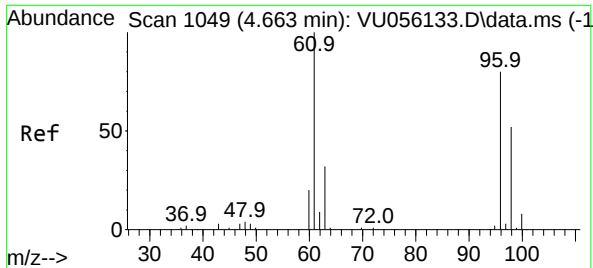
Tgt Ion: 43 Resp: 259754

Ion Ratio Lower Upper

43 100

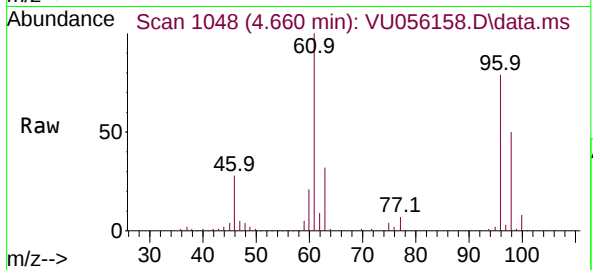
72 32.7 15.7 47.0



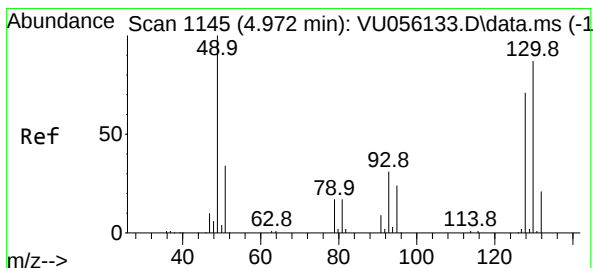
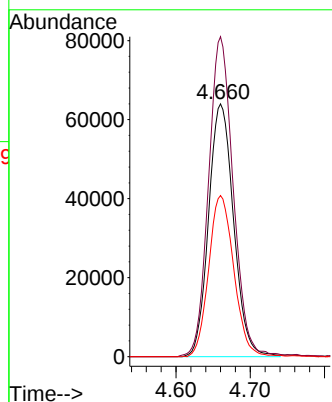
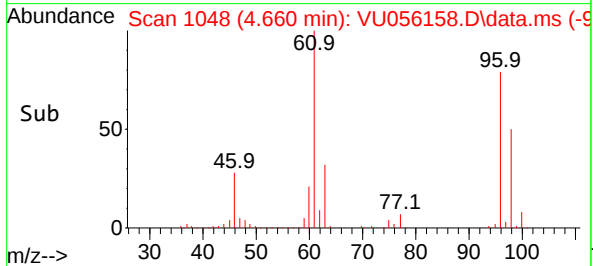


#22
 cis-1,2-Dichloroethene
 Concen: 4.670 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.003 min
 Lab File: VU056158.D
 Acq: 10 Nov 2023 08:56

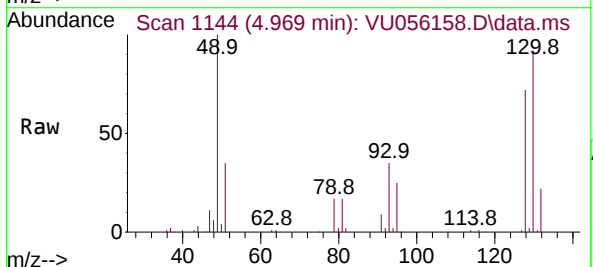
Instrument :
 MSVOA_U
 ClientSampleId :



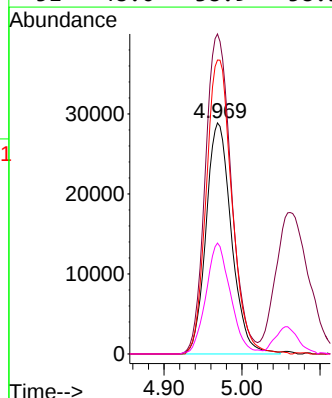
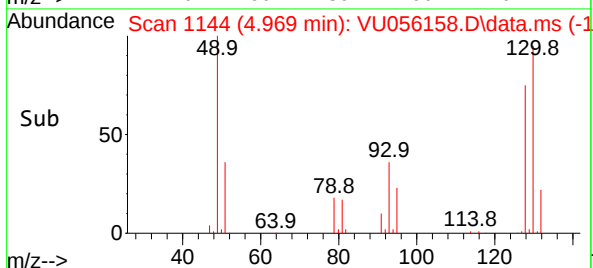
Tgt Ion: 96 Resp: 149812
 Ion Ratio Lower Upper
 96 100
 61 126.6 87.8 163.2
 98 63.7 43.5 80.7

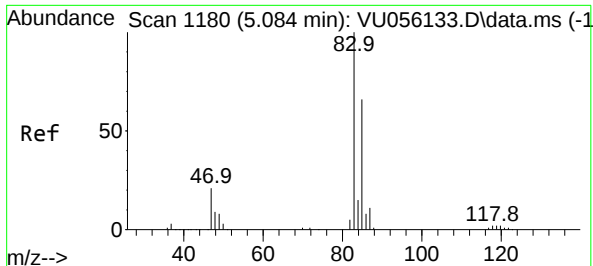


#23
 Bromochloromethane
 Concen: 4.579 ug/L
 RT: 4.969 min Scan# 1144
 Delta R.T. -0.003 min
 Lab File: VU056158.D
 Acq: 10 Nov 2023 08:56



Tgt Ion: 128 Resp: 65169
 Ion Ratio Lower Upper
 128 100
 49 138.5 103.7 192.7
 130 127.2 91.8 170.6
 51 48.0 38.9 58.3





#25

Chloroform

Concen: 4.591 ug/L

RT: 5.081 min Scan# 1180

Delta R.T. -0.003 min

Lab File: VU056158.D

Acq: 10 Nov 2023 08:56

Instrument :

MSVOA_U

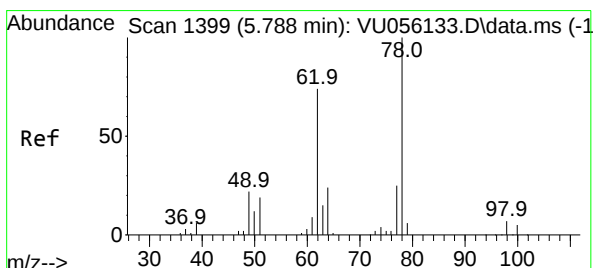
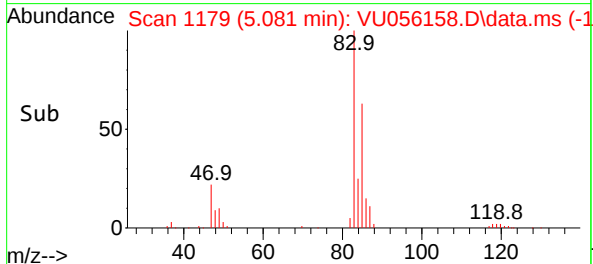
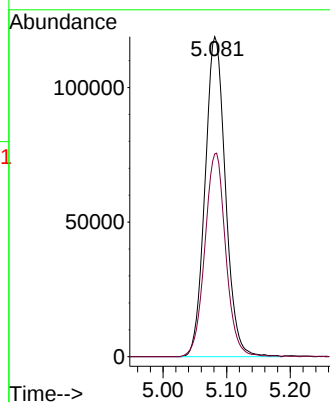
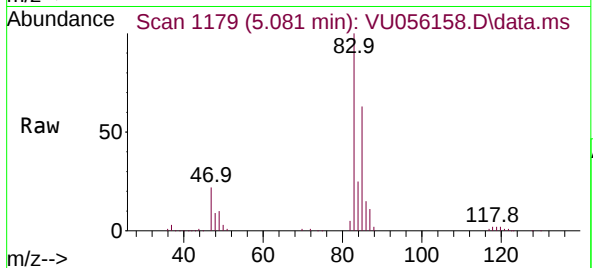
ClientSampleId :

Tgt Ion: 83 Resp: 265174

Ion Ratio Lower Upper

83 100

85 63.4 45.3 84.1



#27

1,2-Dichloroethane

Concen: 4.595 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU056158.D

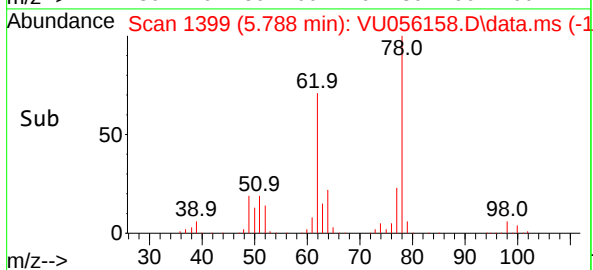
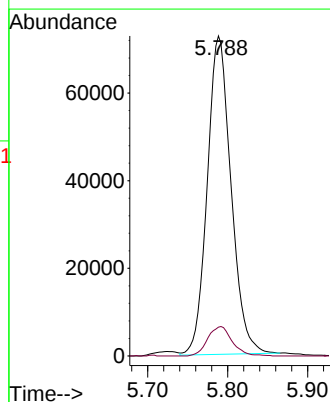
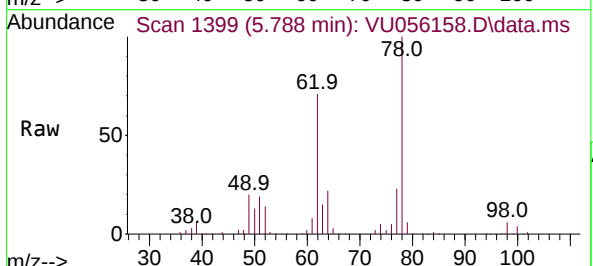
Acq: 10 Nov 2023 08:56

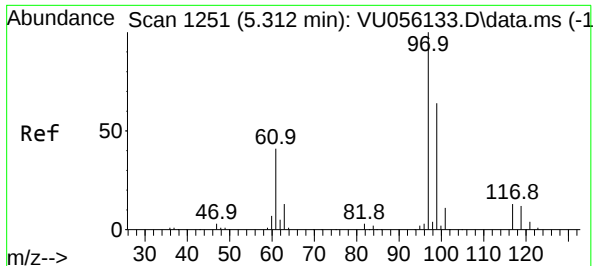
Tgt Ion: 62 Resp: 150206

Ion Ratio Lower Upper

62 100

98 9.0 7.1 10.7





#29

1,1,1-Trichloroethane

Concen: 4.730 ug/L

RT: 5.309 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU056158.D

Acq: 10 Nov 2023 08:56

Instrument :

MSVOA_U

ClientSampleId :

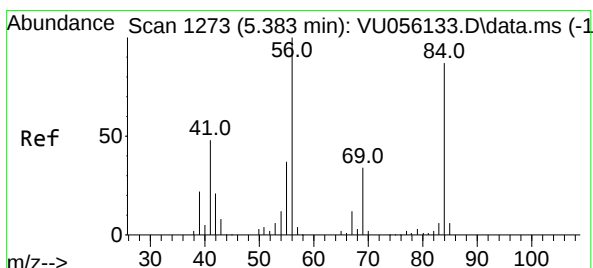
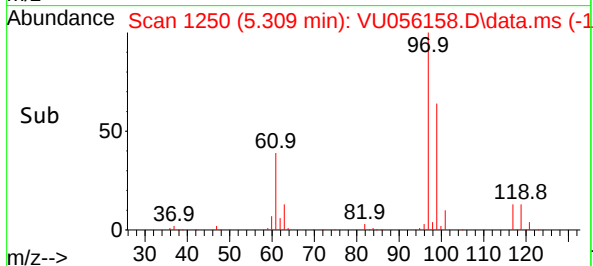
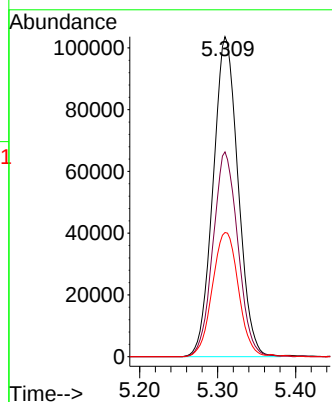
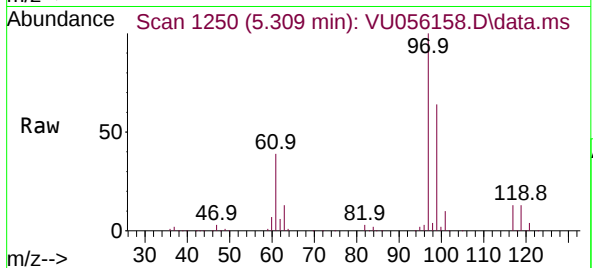
Tgt Ion: 97 Resp: 231420

Ion Ratio Lower Upper

97 100

99 63.9 52.0 78.0

61 40.5 33.4 50.0



#30

Cyclohexane

Concen: 4.783 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VU056158.D

Acq: 10 Nov 2023 08:56

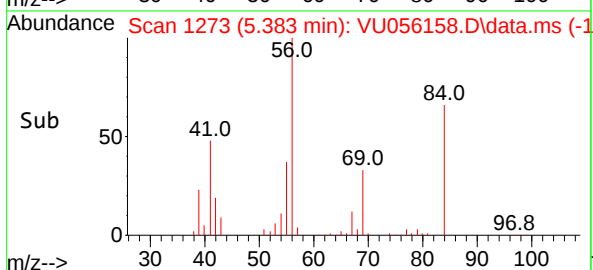
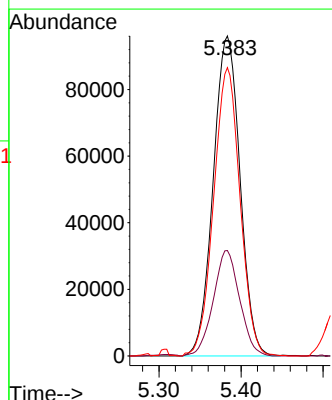
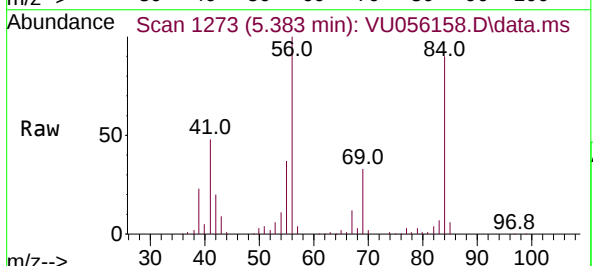
Tgt Ion: 56 Resp: 218614

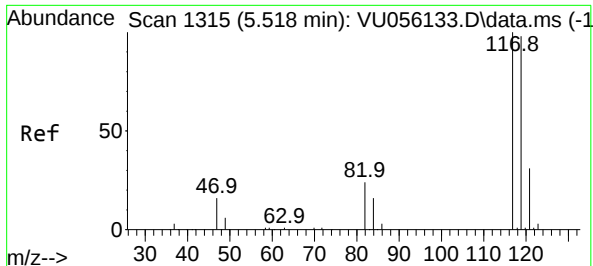
Ion Ratio Lower Upper

56 100

69 32.3 26.6 39.8

84 88.7 70.4 105.6

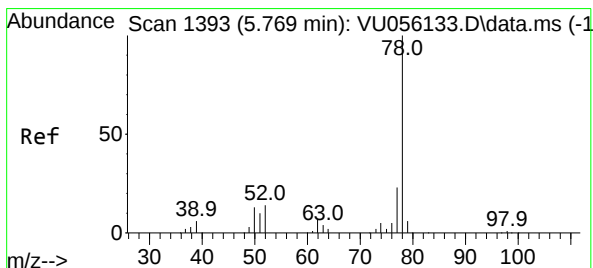
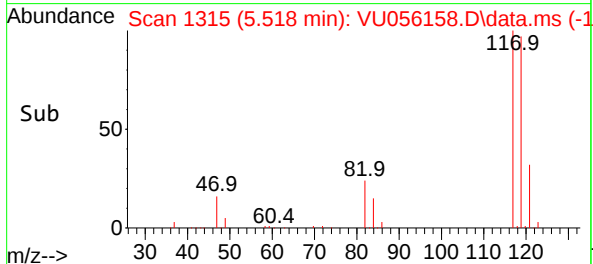
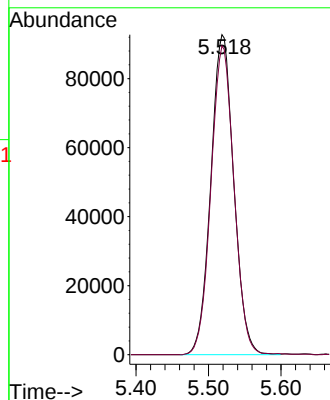
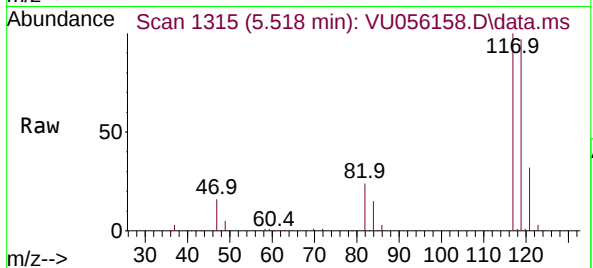




#31
Carbon tetrachloride
Concen: 4.692 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU056158.D
Acq: 10 Nov 2023 08:56

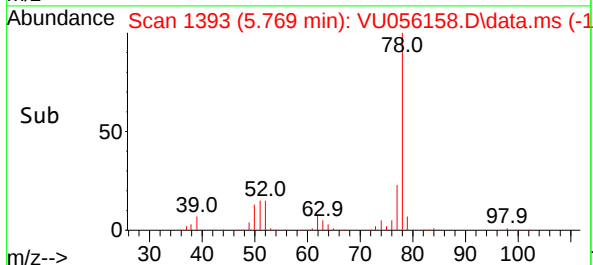
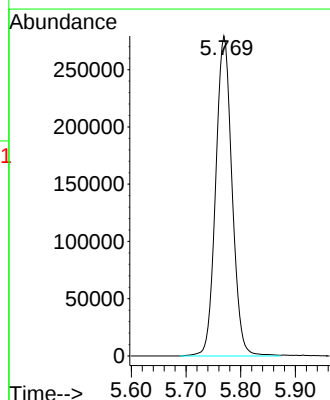
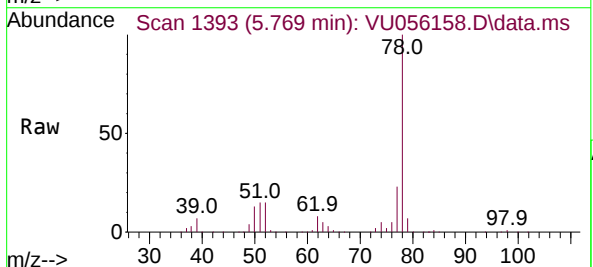
Instrument :
MSVOA_U
ClientSampleId :

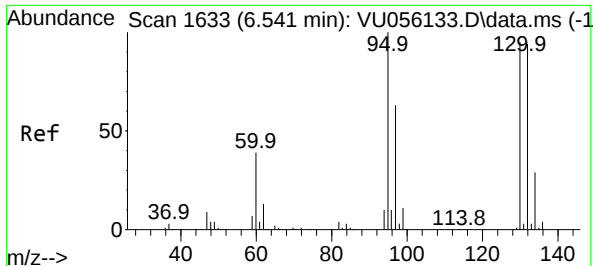
Tgt Ion:117 Resp: 203848
Ion Ratio Lower Upper
117 100
119 96.6 77.2 115.8



#33
Benzene
Concen: 4.745 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU056158.D
Acq: 10 Nov 2023 08:56

Tgt Ion: 78 Resp: 580232

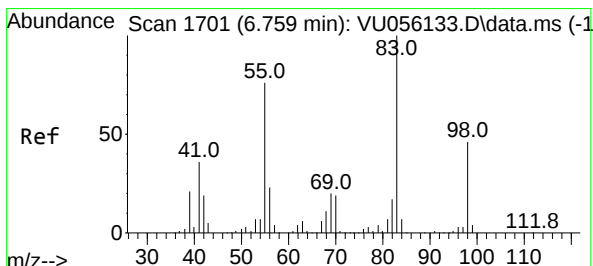
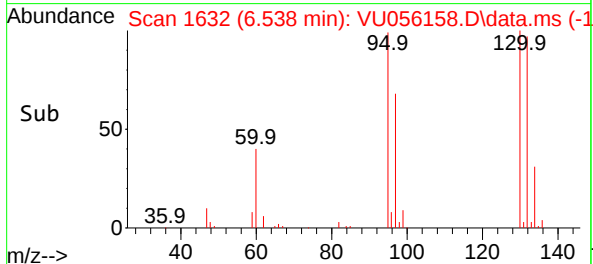
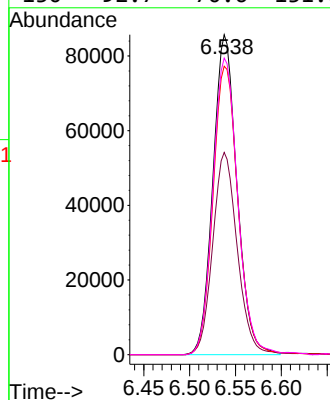
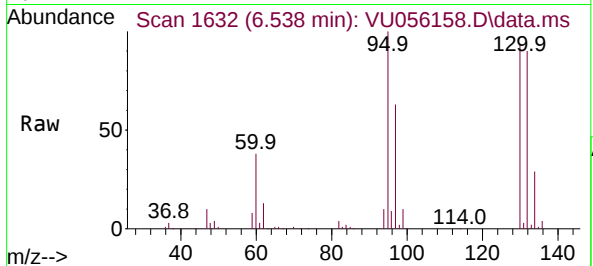




#34
Trichloroethene
Concen: 4.682 ug/L
RT: 6.538 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU056158.D
Acq: 10 Nov 2023 08:56

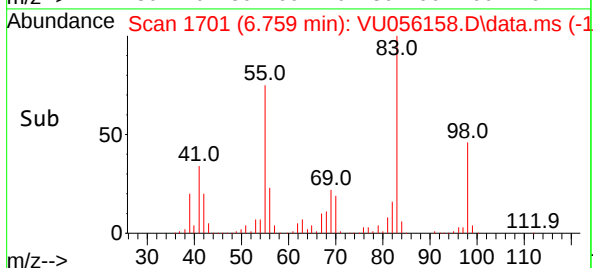
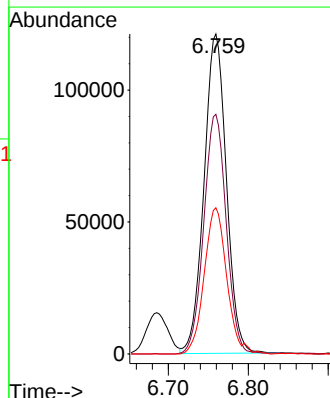
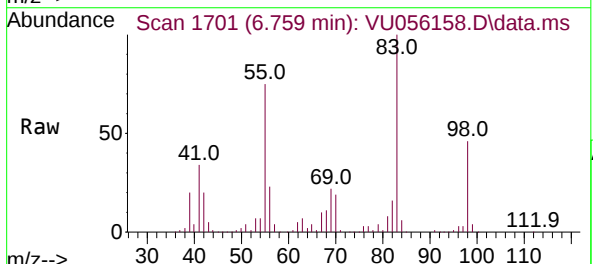
Instrument :
MSVOA_U
ClientSampleId :

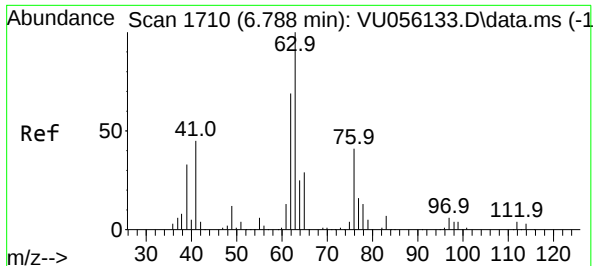
Tgt Ion: 95 Resp: 156367
Ion Ratio Lower Upper
95 100
97 63.2 46.8 87.0
132 90.1 66.5 123.5
130 92.7 70.6 131.0



#35
Methylcyclohexane
Concen: 4.748 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU056158.D
Acq: 10 Nov 2023 08:56

Tgt Ion: 83 Resp: 235704
Ion Ratio Lower Upper
83 100
55 75.5 60.6 91.0
98 46.0 36.2 54.4





#37

1,2-Dichloropropane

Concen: 4.644 ug/L

RT: 6.785 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU056158.D

Acq: 10 Nov 2023 08:56

Instrument :

MSVOA_U

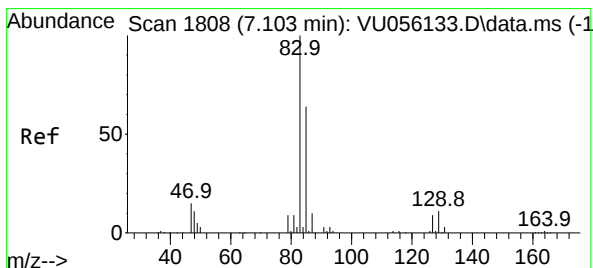
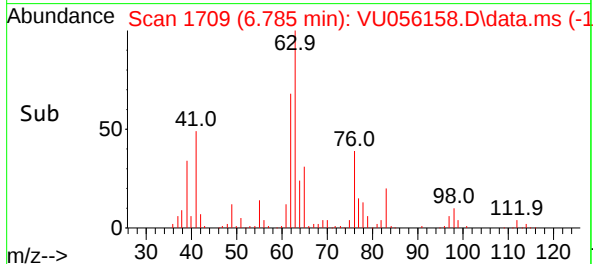
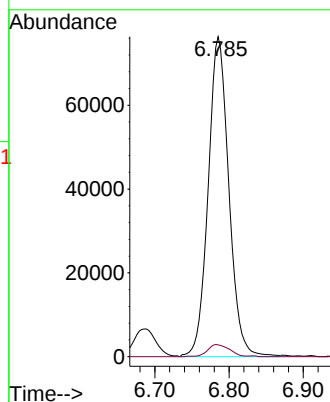
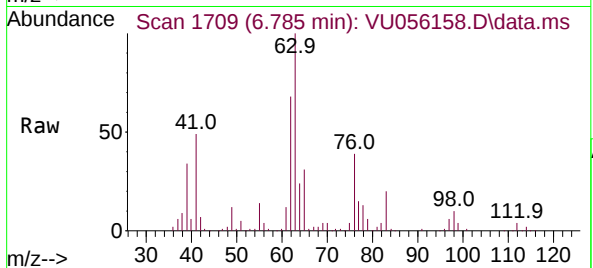
ClientSampleId :

Tgt Ion: 63 Resp: 147668

Ion Ratio Lower Upper

63 100

112 4.1 3.4 5.2



#38

Bromodichloromethane

Concen: 4.570 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. -0.003 min

Lab File: VU056158.D

Acq: 10 Nov 2023 08:56

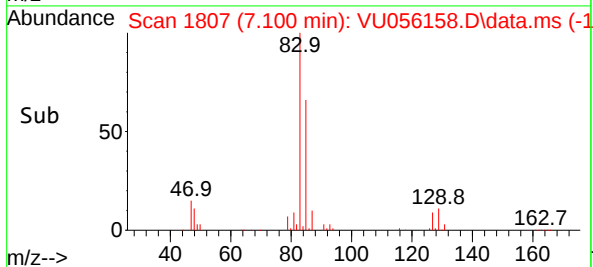
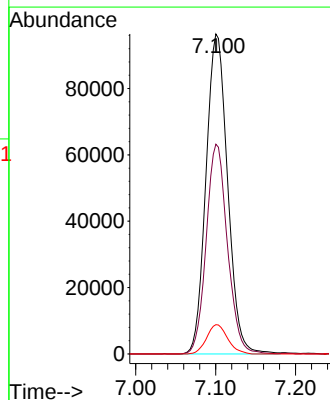
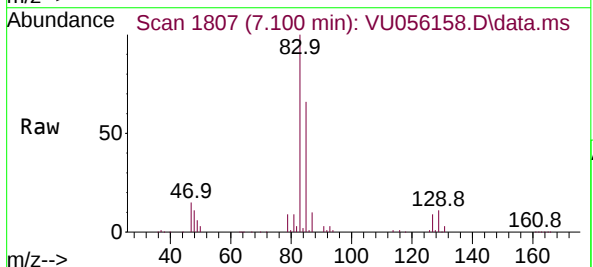
Tgt Ion: 83 Resp: 181482

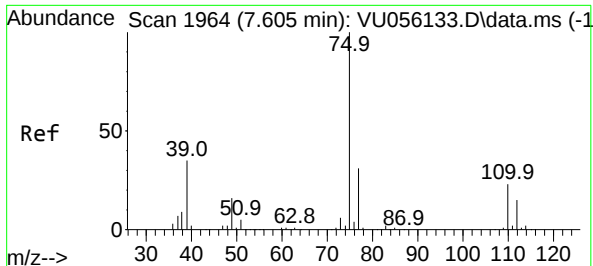
Ion Ratio Lower Upper

83 100

85 65.5 46.6 86.6

127 9.2 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 4.664 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. -0.003 min

Lab File: VU056158.D

Acq: 10 Nov 2023 08:56

Instrument :

MSVOA_U

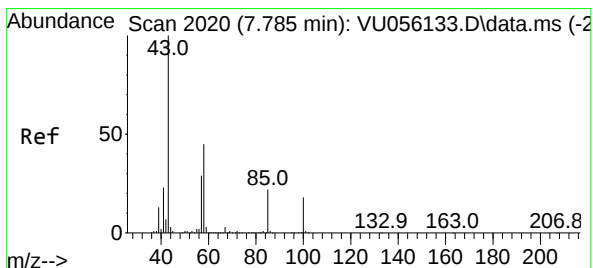
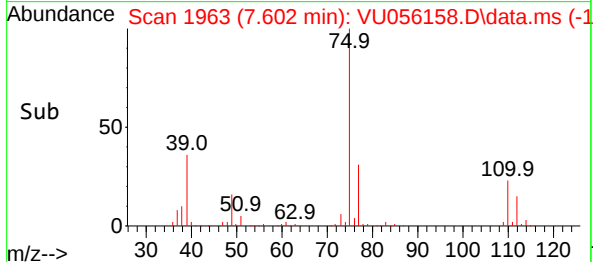
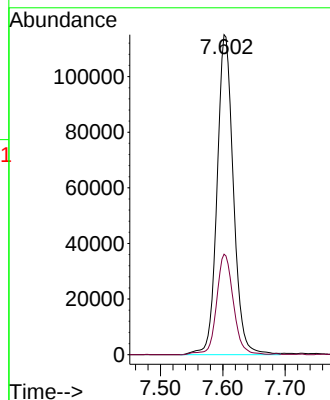
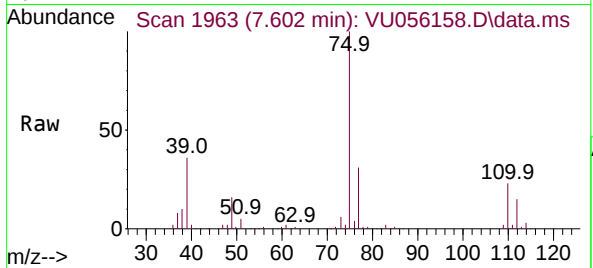
ClientSampleId :

Tgt Ion: 75 Resp: 209318

Ion Ratio Lower Upper

75 100

77 31.4 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 48.850 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. 0.003 min

Lab File: VU056158.D

Acq: 10 Nov 2023 08:56

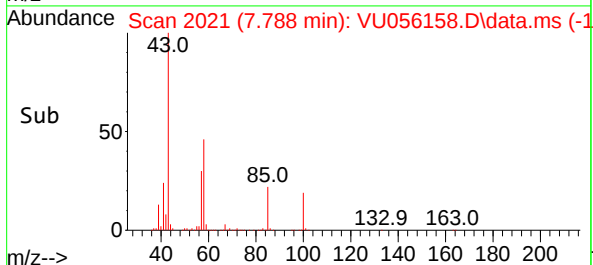
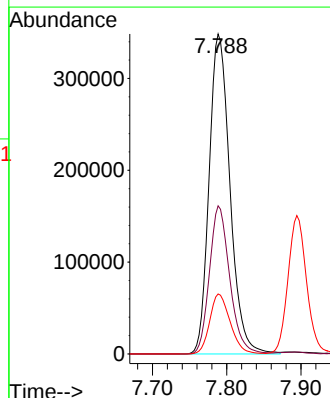
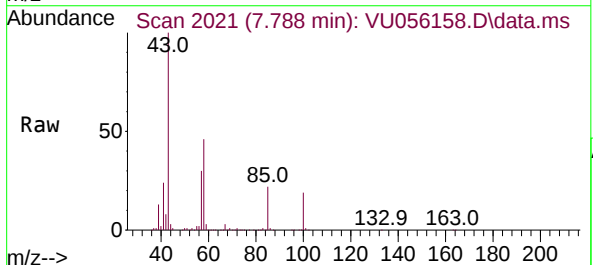
Tgt Ion: 43 Resp: 679459

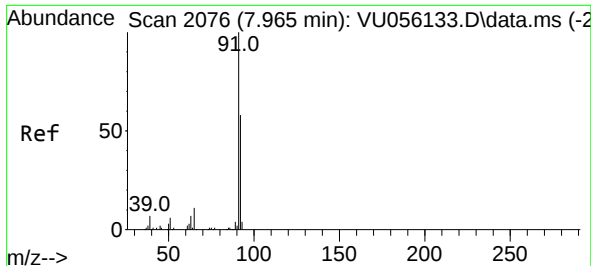
Ion Ratio Lower Upper

43 100

58 45.1 36.0 54.0

100 18.4 14.2 21.4





#42

Toluene

Concen: 4.785 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU056158.D

Acq: 10 Nov 2023 08:56

Instrument :

MSVOA_U

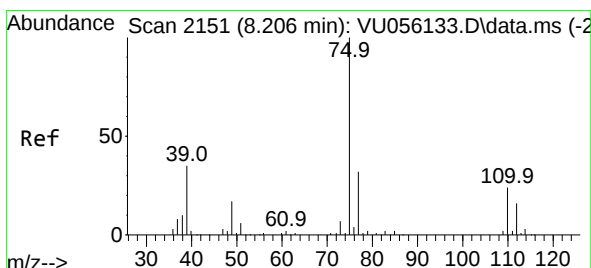
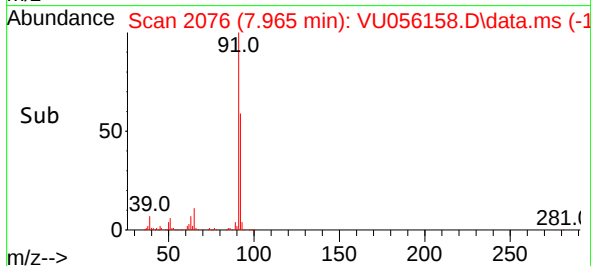
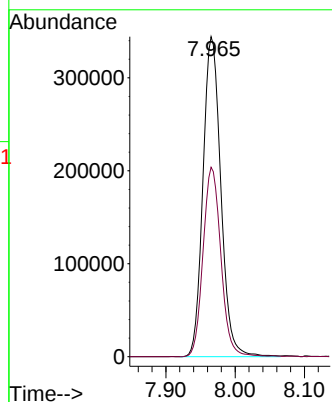
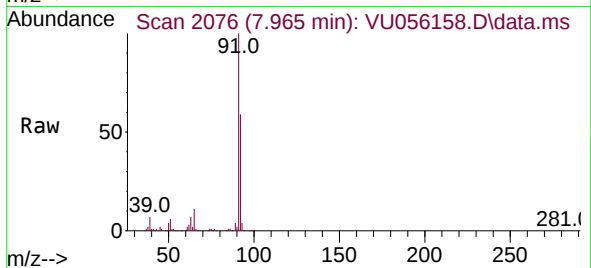
ClientSampleId :

Tgt Ion: 91 Resp: 616893

Ion Ratio Lower Upper

91 100

92 59.2 40.9 75.9



#44

trans-1,3-Dichloropropene

Concen: 4.601 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU056158.D

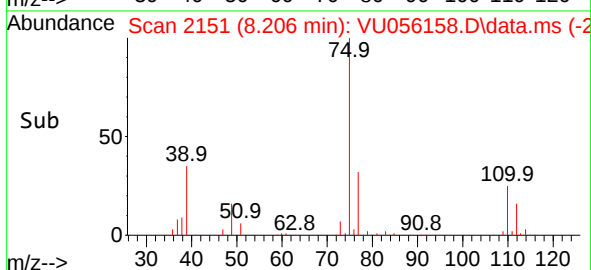
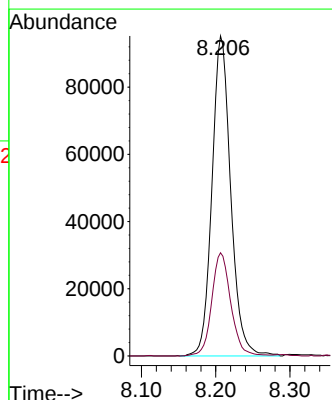
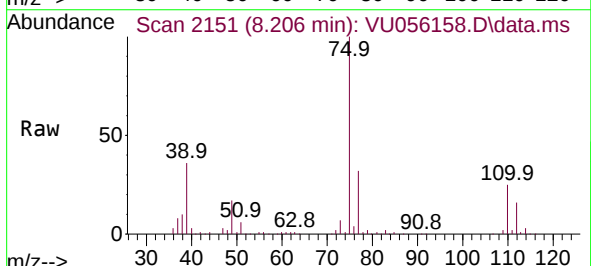
Acq: 10 Nov 2023 08:56

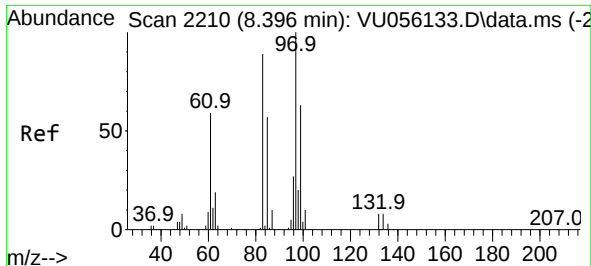
Tgt Ion: 75 Resp: 167180

Ion Ratio Lower Upper

75 100

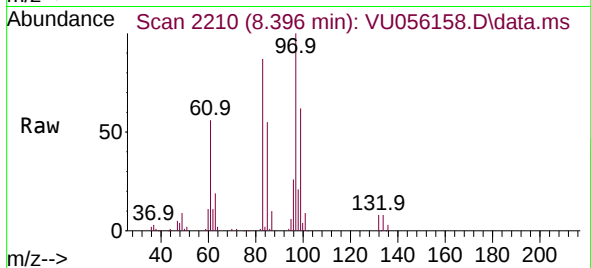
77 32.3 21.7 40.3



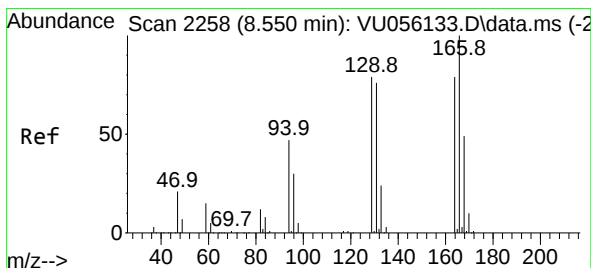
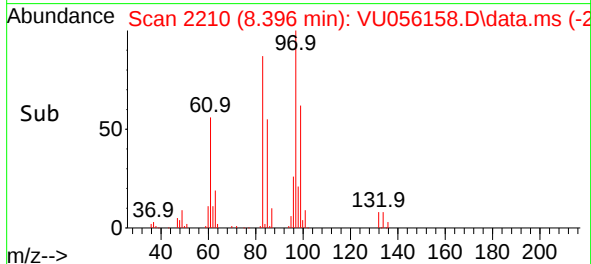
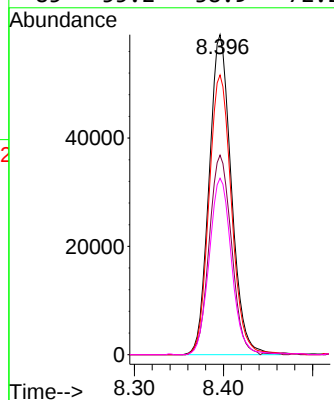


#45
1,1,2-Trichloroethane
Concen: 4.705 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VU056158.D
Acq: 10 Nov 2023 08:56

Instrument :
MSVOA_U
ClientSampleId :

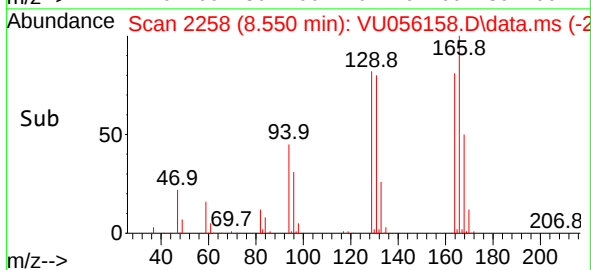
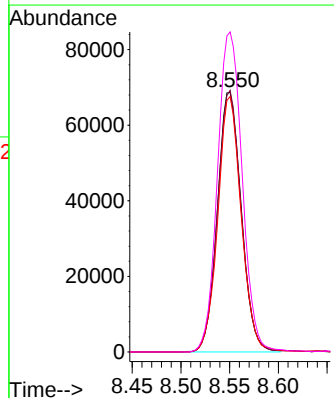
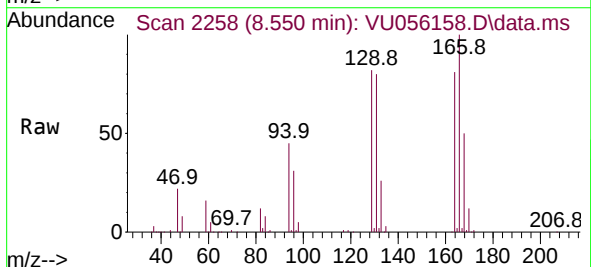


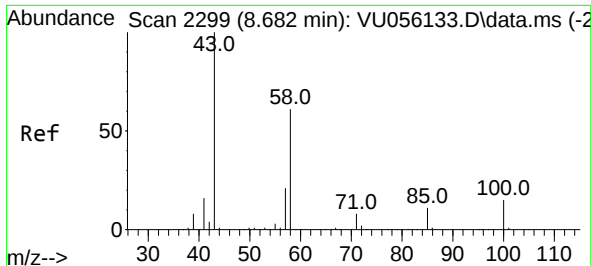
Tgt Ion:	97	Resp:	102272
Ion	Ratio	Lower	Upper
97	100		
99	62.4	44.7	82.9
83	87.4	59.4	110.2
85	55.2	38.9	72.2



#47
Tetrachloroethene
Concen: 4.687 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU056158.D
Acq: 10 Nov 2023 08:56

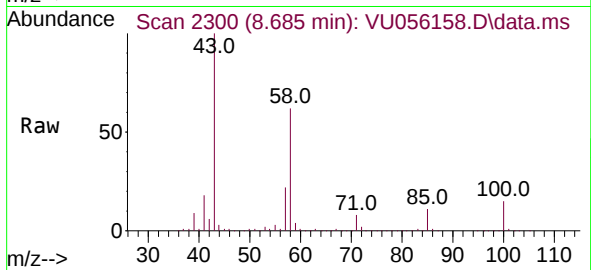
Tgt Ion:	164	Resp:	117487
Ion	Ratio	Lower	Upper
164	100		
129	100.8	66.6	123.8
131	98.4	67.8	126.0
166	123.3	85.9	159.5



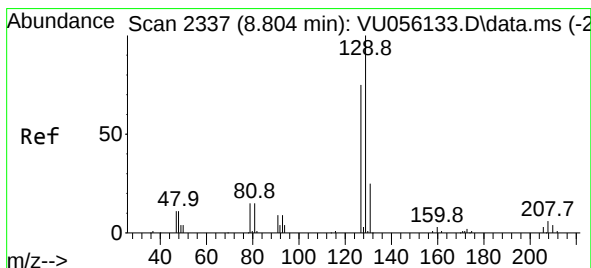
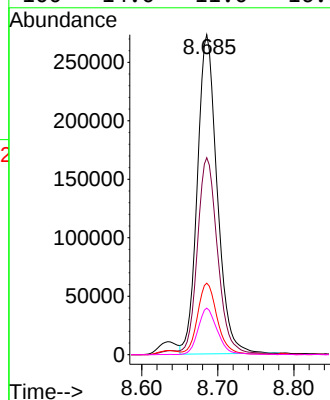
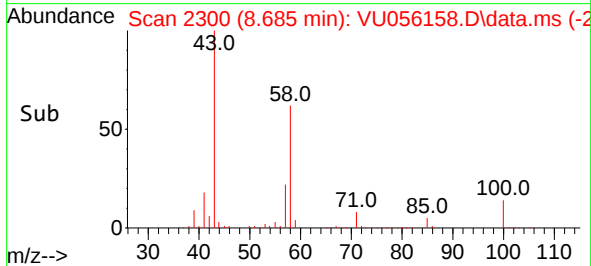


#48
2-Hexanone
Concen: 48.747 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056158.D
Acq: 10 Nov 2023 08:56

Instrument :
MSVOA_U
ClientSampleId :

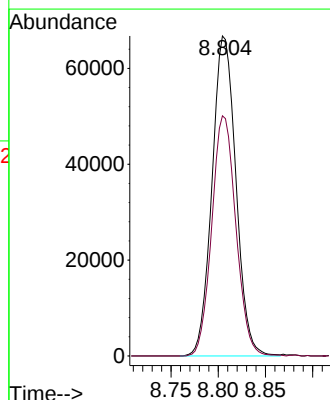
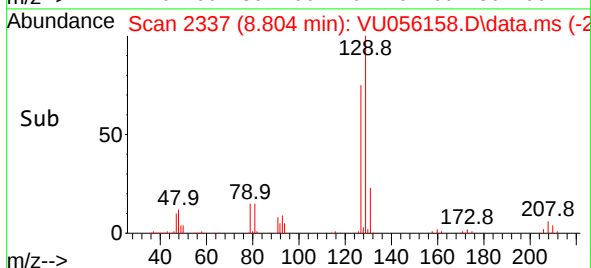
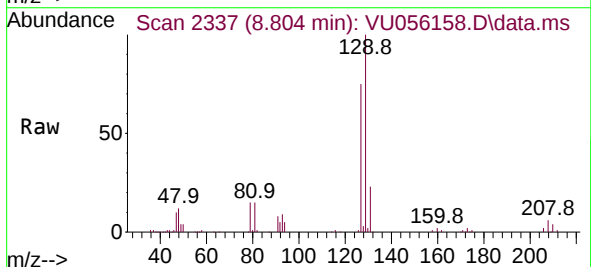


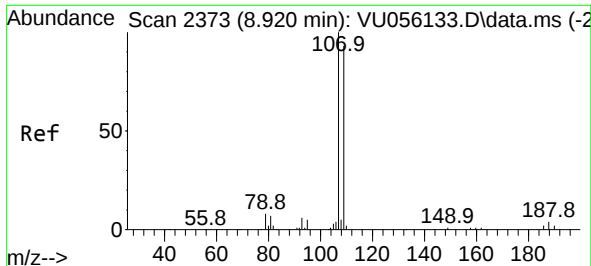
Tgt Ion: 43 Resp: 493656
Ion Ratio Lower Upper
43 100
58 62.6 52.0 78.0
57 22.3 17.4 26.2
100 14.0 11.0 16.6



#49
Dibromochloromethane
Concen: 4.704 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU056158.D
Acq: 10 Nov 2023 08:56

Tgt Ion: 129 Resp: 117326
Ion Ratio Lower Upper
129 100
127 75.1 55.4 102.8





#50

1,2-Dibromoethane

Concen: 4.690 ug/L

RT: 8.920 min Scan# 21

Delta R.T. 0.000 min

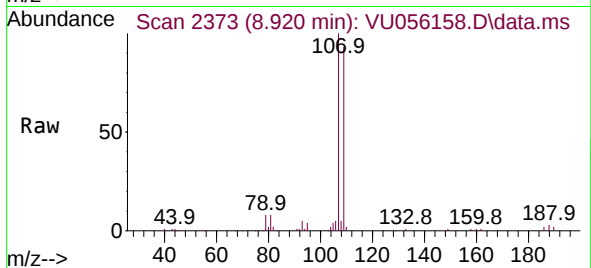
Lab File: VU056158.D

Acq: 10 Nov 2023 08:56

Instrument :

MSVOA_U

ClientSampleId :



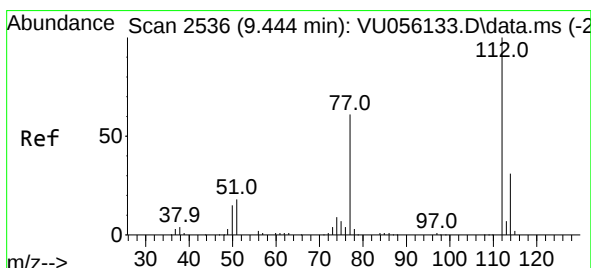
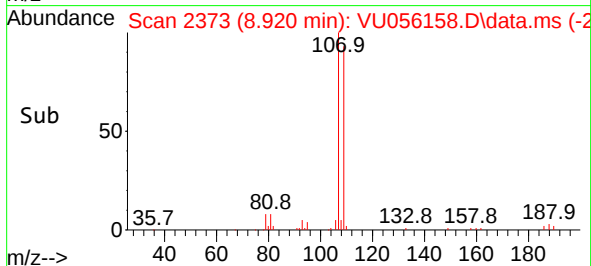
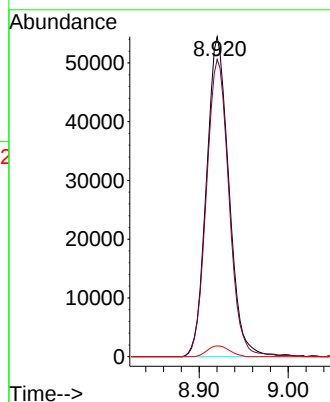
Tgt Ion:107 Resp: 95260

Ion Ratio Lower Upper

107 100

109 92.9 66.9 124.3

188 3.4 2.5 3.7



#51

Chlorobenzene

Concen: 4.682 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. 0.000 min

Lab File: VU056158.D

Acq: 10 Nov 2023 08:56

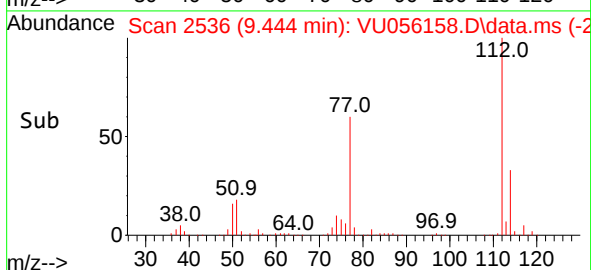
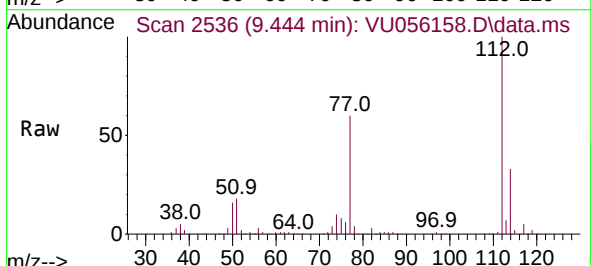
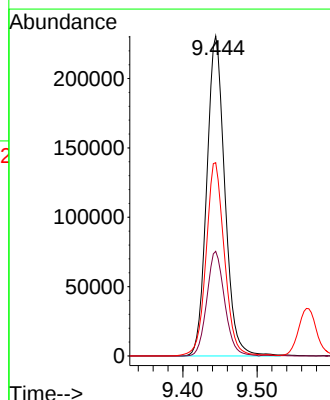
Tgt Ion:112 Resp: 389384

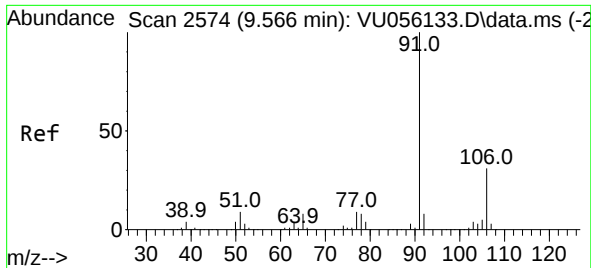
Ion Ratio Lower Upper

112 100

114 32.7 21.8 40.4

77 60.4 48.2 72.4

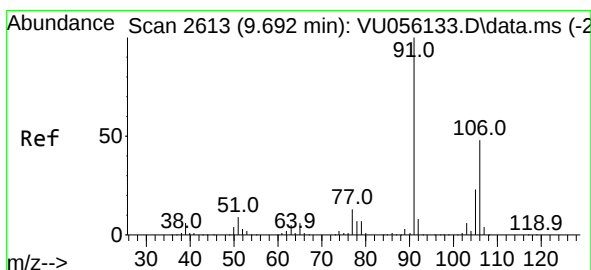
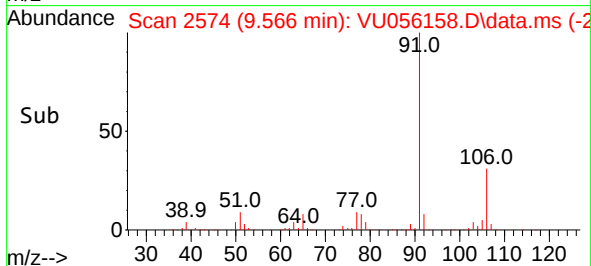
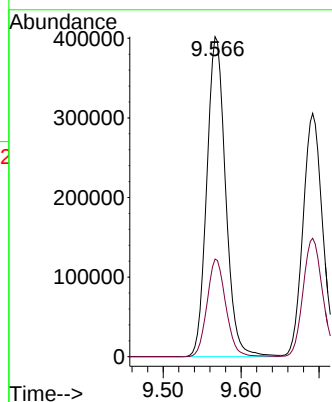
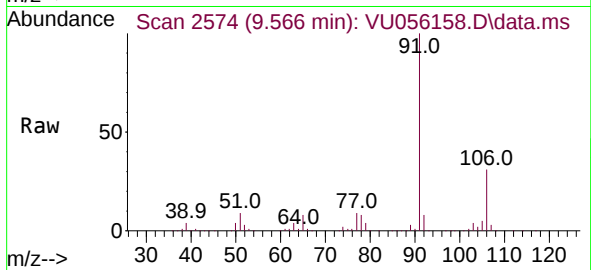




#52
Ethylbenzene
Concen: 4.798 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU056158.D
Acq: 10 Nov 2023 08:56

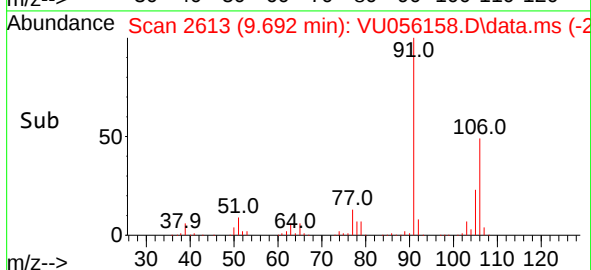
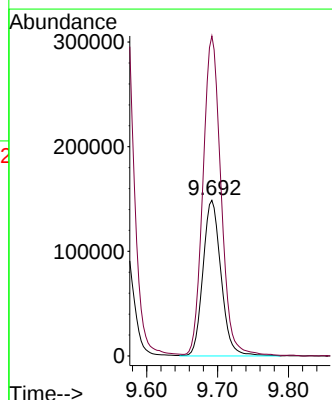
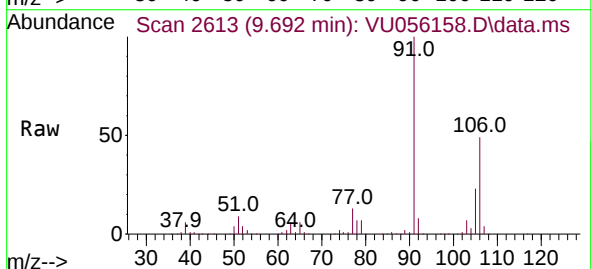
Instrument :
MSVOA_U
ClientSampleId :

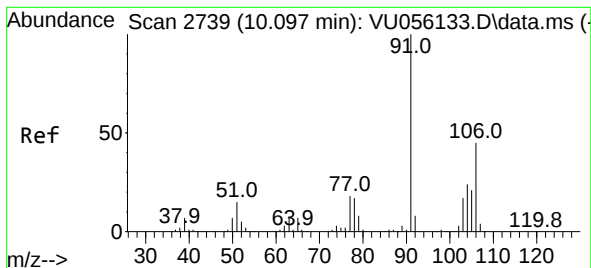
Tgt Ion: 91 Resp: 674028
Ion Ratio Lower Upper
91 100
106 30.5 21.2 39.4



#53
m,p-Xylene
Concen: 4.935 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU056158.D
Acq: 10 Nov 2023 08:56

Tgt Ion:106 Resp: 263644
Ion Ratio Lower Upper
106 100
91 205.5 144.9 269.1





#54

o-Xylene

Concen: 4.892 ug/L

RT: 10.097 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU056158.D

Acq: 10 Nov 2023 08:56

Instrument :

MSVOA_U

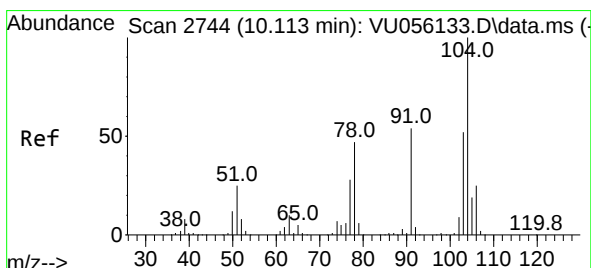
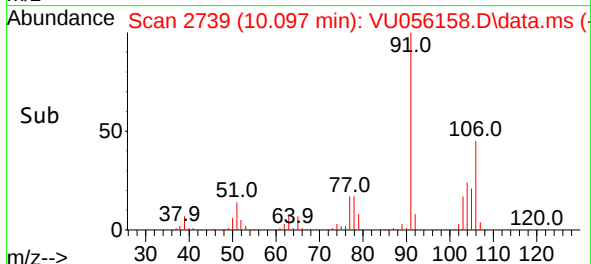
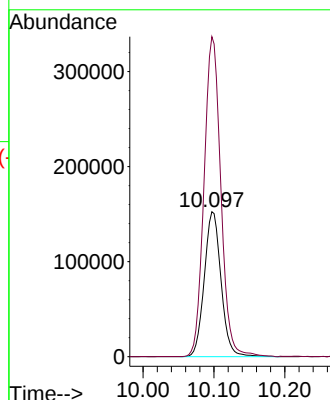
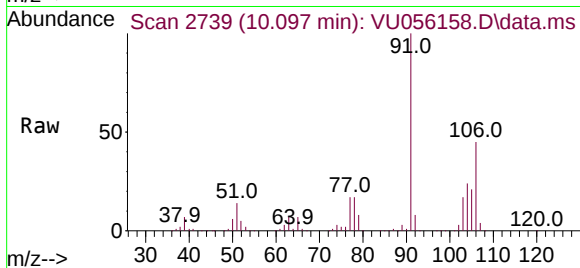
ClientSampleId :

Tgt Ion:106 Resp: 250527

Ion Ratio Lower Upper

106 100

91 220.6 158.2 293.8



#55

Styrene

Concen: 5.052 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. 0.000 min

Lab File: VU056158.D

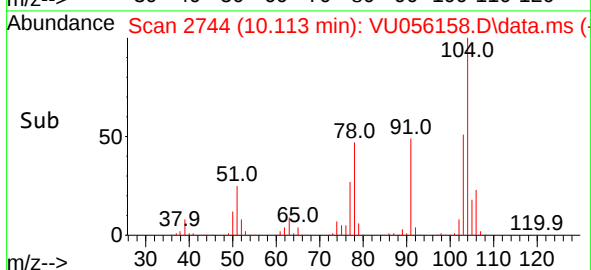
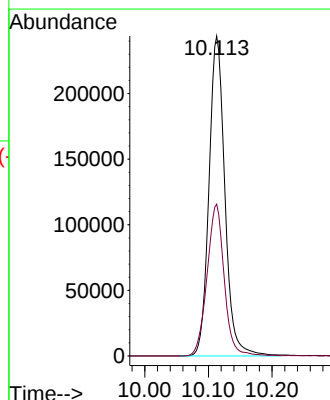
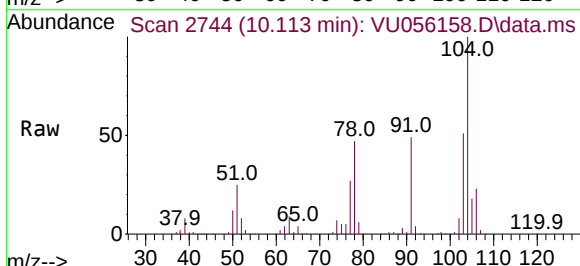
Acq: 10 Nov 2023 08:56

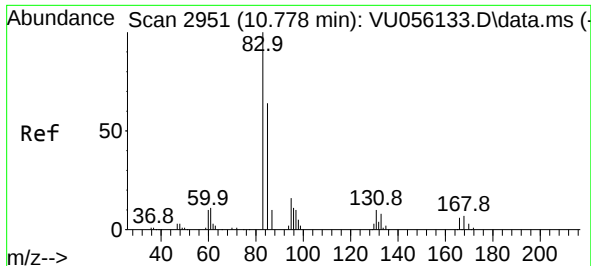
Tgt Ion:104 Resp: 423301

Ion Ratio Lower Upper

104 100

78 47.4 33.5 62.3

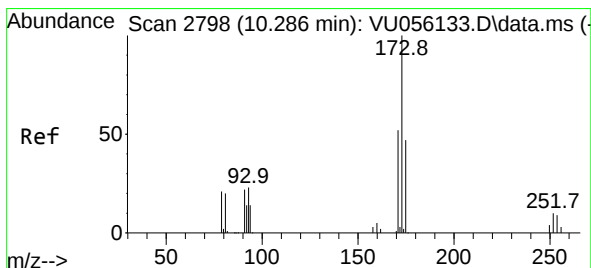
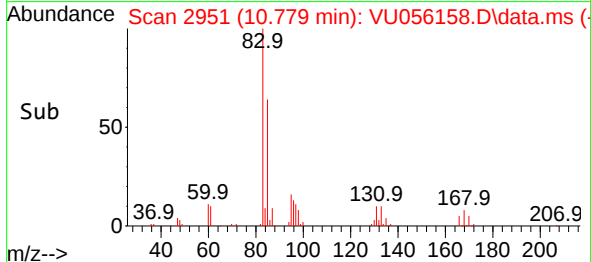
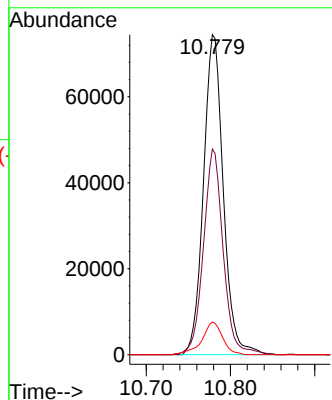
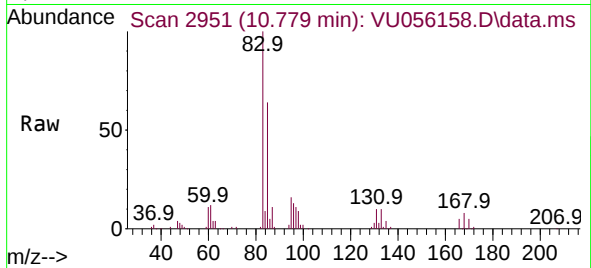




#57
1,1,2,2-Tetrachloroethane
Concen: 4.777 ug/L
RT: 10.779 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU056158.D
Acq: 10 Nov 2023 08:56

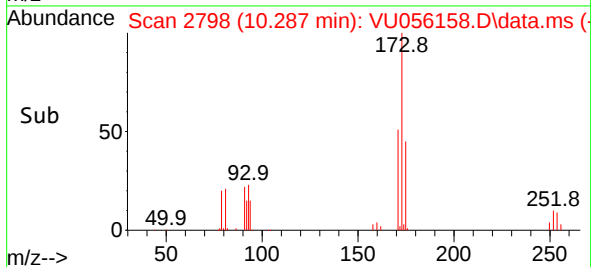
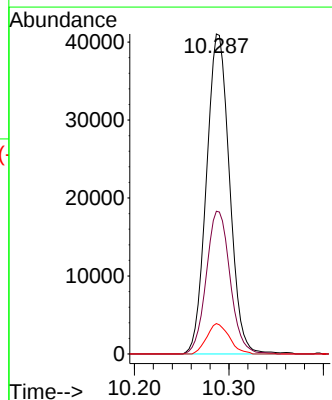
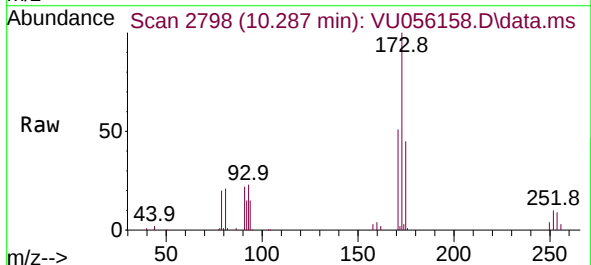
Instrument :
MSVOA_U
ClientSampleId :

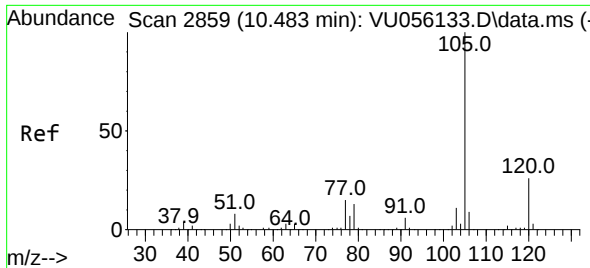
Tgt Ion: 83 Resp: 122045
Ion Ratio Lower Upper
83 100
85 64.3 44.0 81.8
131 10.2 7.4 11.2



#59
Bromoform
Concen: 4.760 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. 0.000 min
Lab File: VU056158.D
Acq: 10 Nov 2023 08:56

Tgt Ion:173 Resp: 69475
Ion Ratio Lower Upper
173 100
175 46.1 39.0 58.4
254 9.2 8.2 12.2

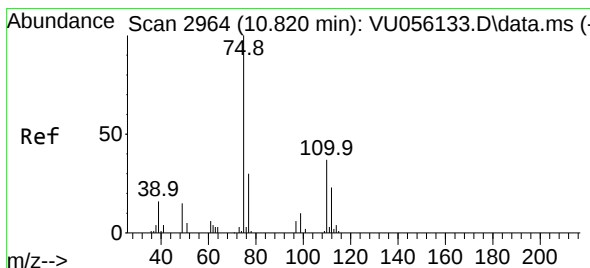
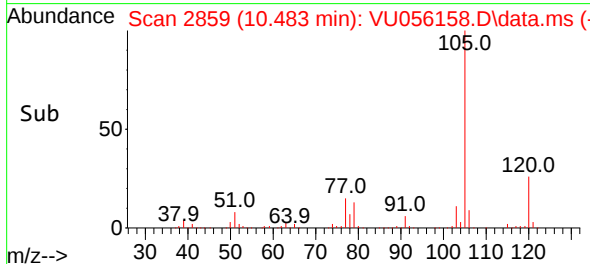
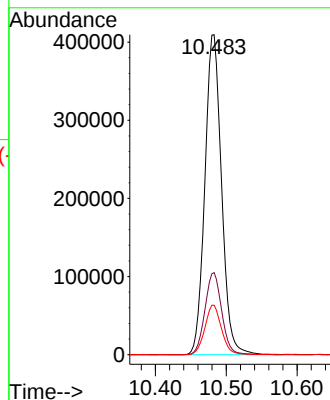
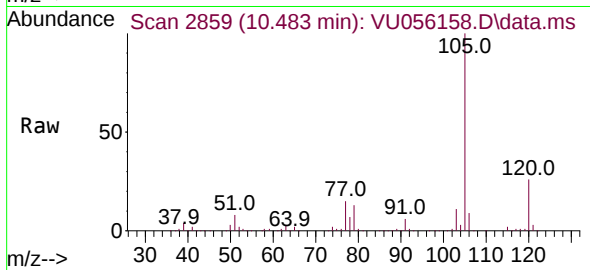




#60
Isopropylbenzene
Concen: 4.912 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. 0.000 min
Lab File: VU056158.D
Acq: 10 Nov 2023 08:56

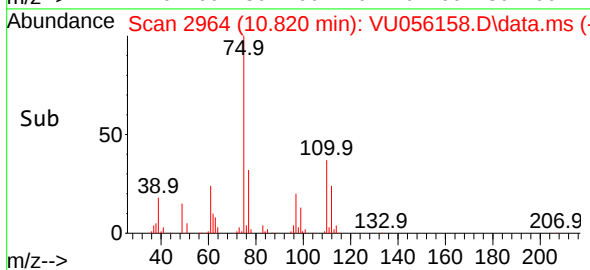
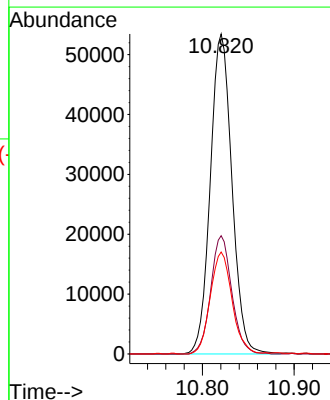
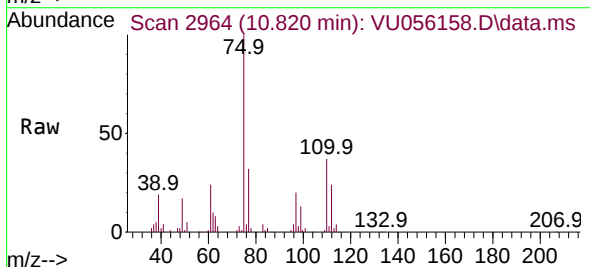
Instrument :
MSVOA_U
ClientSampleId :

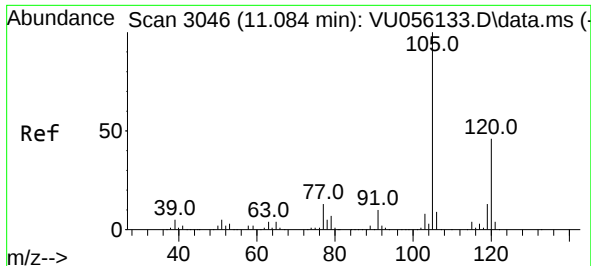
Tgt Ion:105 Resp: 669194
Ion Ratio Lower Upper
105 100
120 25.8 20.6 30.8
77 15.5 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.825 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. 0.000 min
Lab File: VU056158.D
Acq: 10 Nov 2023 08:56

Tgt Ion: 75 Resp: 87514
Ion Ratio Lower Upper
75 100
110 36.0 29.7 44.5
77 32.1 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 4.920 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU056158.D

Acq: 10 Nov 2023 08:56

Instrument :

MSVOA_U

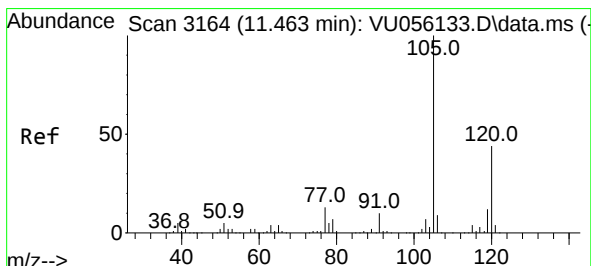
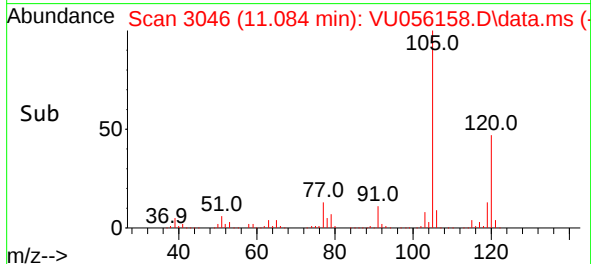
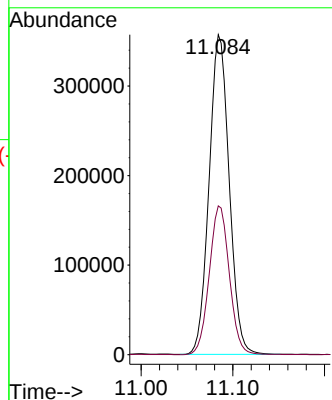
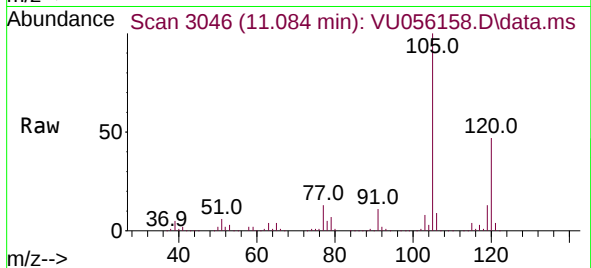
ClientSampleId :

Tgt Ion:105 Resp: 543682

Ion Ratio Lower Upper

105 100

120 46.6 37.9 56.9



#63

1,2,4-Trimethylbenzene

Concen: 4.996 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU056158.D

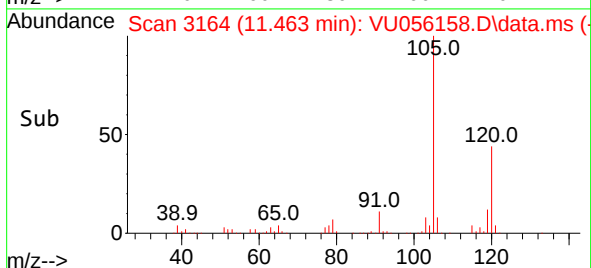
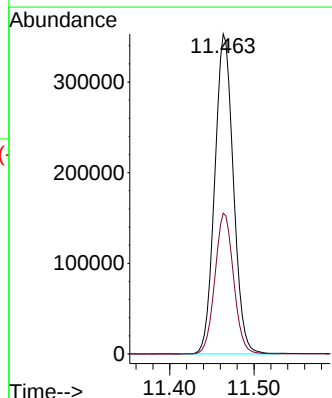
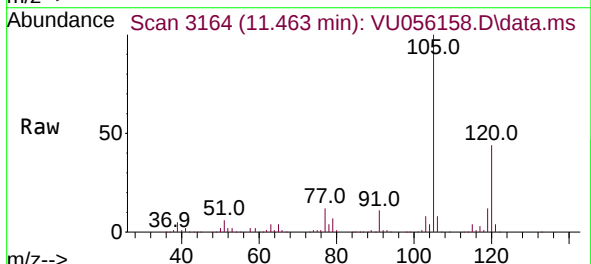
Acq: 10 Nov 2023 08:56

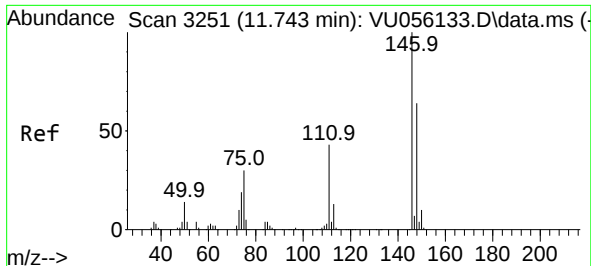
Tgt Ion:105 Resp: 541533

Ion Ratio Lower Upper

105 100

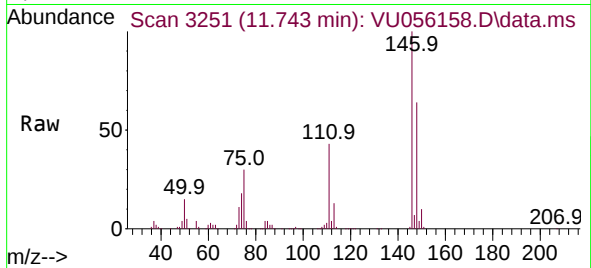
120 44.0 35.4 53.0



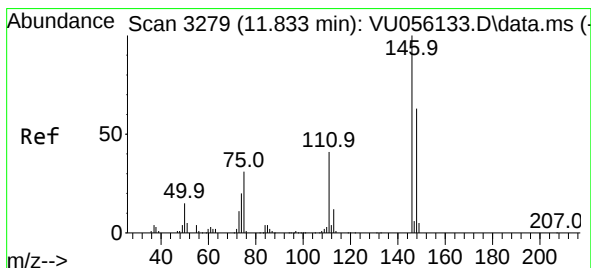
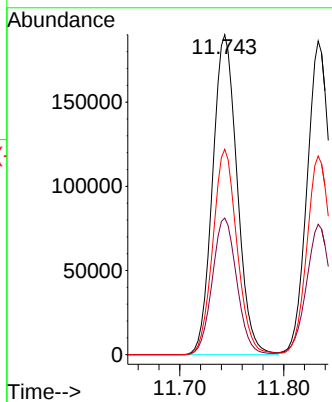
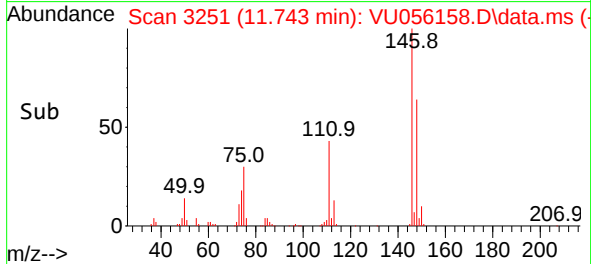


#64
1,3-Dichlorobenzene
Concen: 4.829 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU056158.D
Acq: 10 Nov 2023 08:56

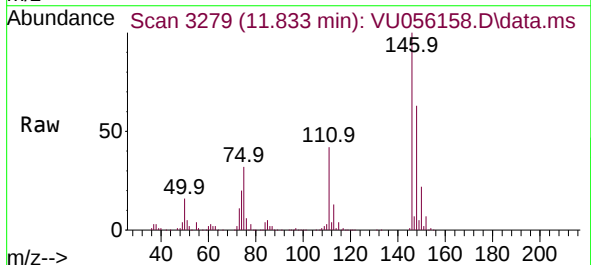
Instrument :
MSVOA_U
ClientSampleId :



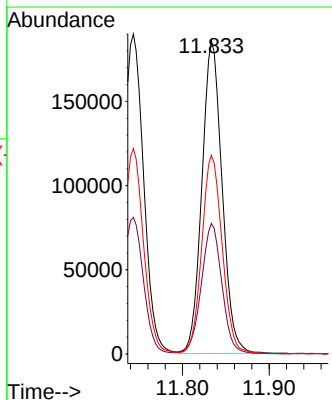
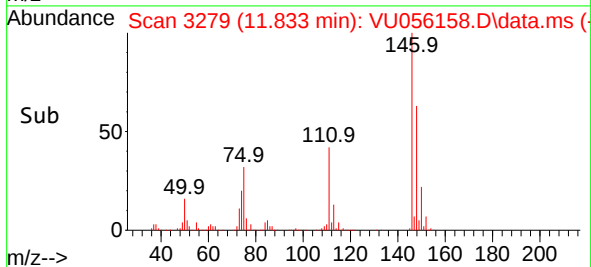
Tgt Ion:146 Resp: 311595
Ion Ratio Lower Upper
146 100
111 42.7 29.7 55.1
148 64.2 44.7 83.1

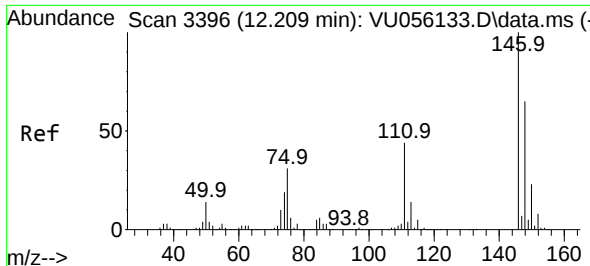


#65
1,4-Dichlorobenzene
Concen: 4.714 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU056158.D
Acq: 10 Nov 2023 08:56



Tgt Ion:146 Resp: 300791
Ion Ratio Lower Upper
146 100
111 41.6 29.0 53.8
148 63.3 43.9 81.5

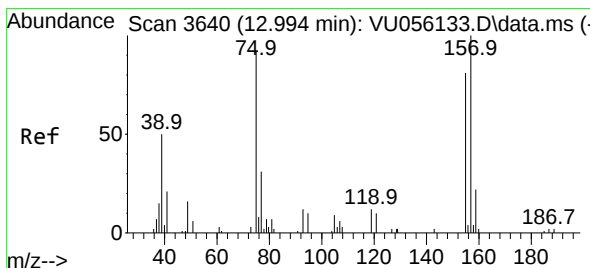
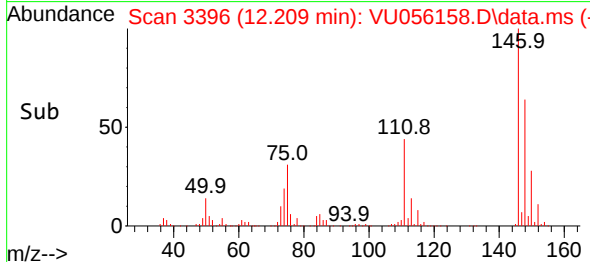
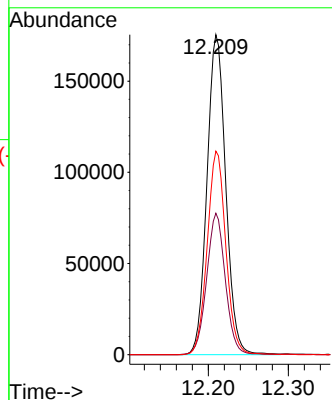
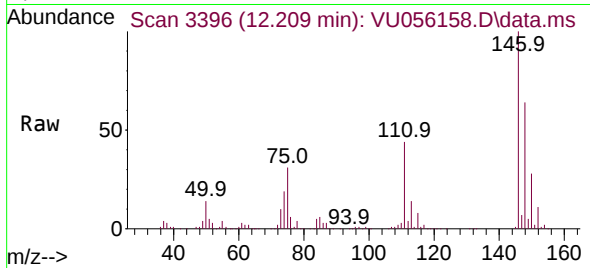




#67
1,2-Dichlorobenzene
Concen: 4.810 ug/L
RT: 12.209 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU056158.D
Acq: 10 Nov 2023 08:56

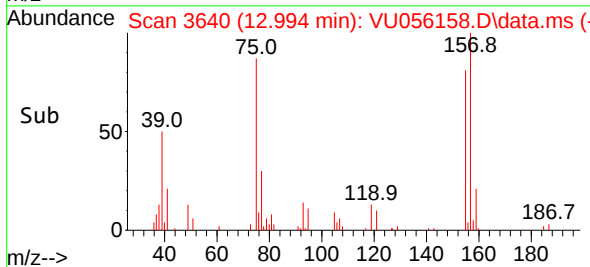
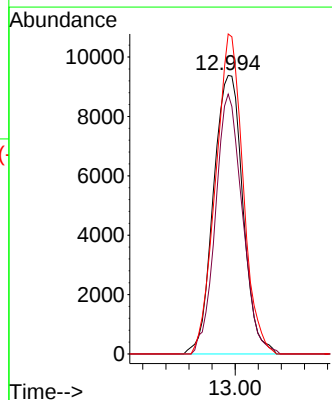
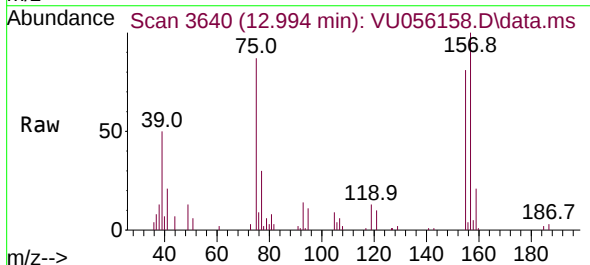
Instrument :
MSVOA_U
ClientSampleId :

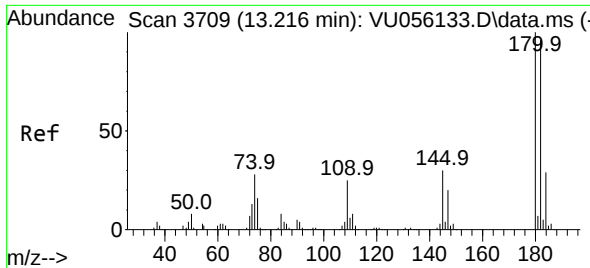
Tgt Ion:146 Resp: 286034
Ion Ratio Lower Upper
146 100
111 44.2 35.2 52.8
148 63.6 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 4.336 ug/L
RT: 12.994 min Scan# 3640
Delta R.T. 0.000 min
Lab File: VU056158.D
Acq: 10 Nov 2023 08:56

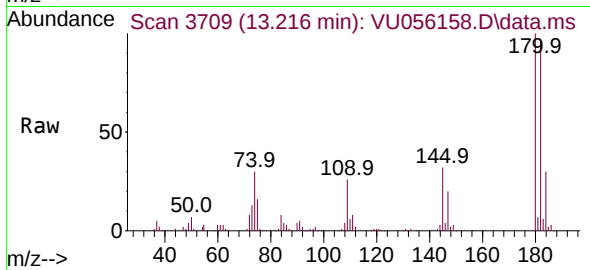
Tgt Ion: 75 Resp: 16589
Ion Ratio Lower Upper
75 100
155 93.2 63.3 94.9
157 114.8 79.1 118.7



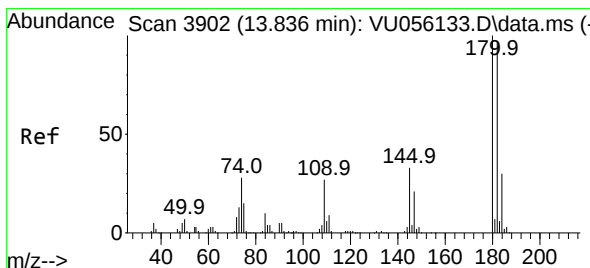
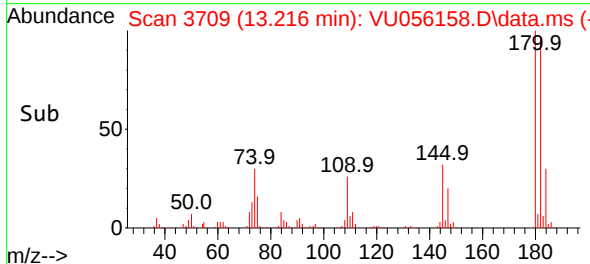
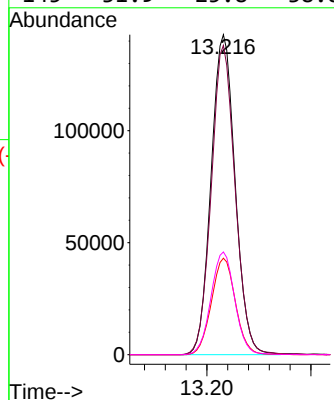


#69
 1,3,5-Trichlorobenzene
 Concen: 4.739 ug/L
 RT: 13.216 min Scan# 3709
 Delta R.T. 0.000 min
 Lab File: VU056158.D
 Acq: 10 Nov 2023 08:56

Instrument :
 MSVOA_U
 ClientSampleId :

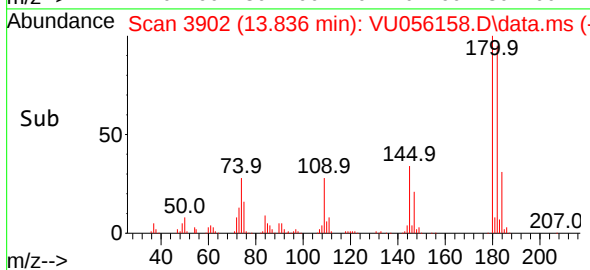
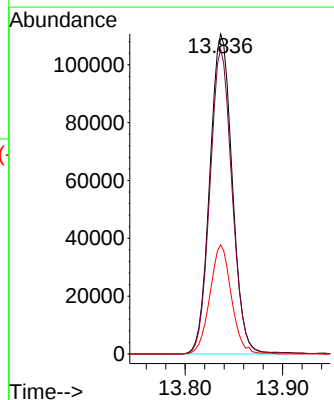
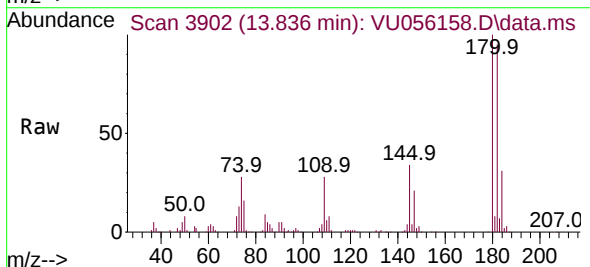


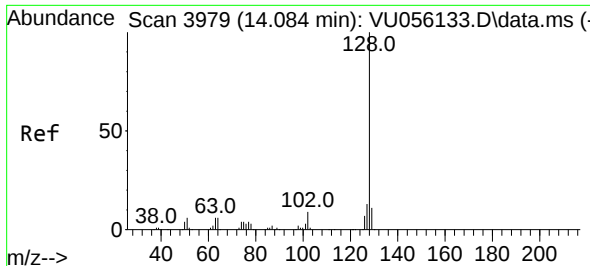
Tgt Ion:180 Resp: 229013
 Ion Ratio Lower Upper
 180 100
 182 96.0 76.0 114.0
 184 30.2 24.0 36.0
 145 31.9 25.8 38.8



#70
 1,2,4-trichlorobenzene
 Concen: 4.606 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. 0.000 min
 Lab File: VU056158.D
 Acq: 10 Nov 2023 08:56

Tgt Ion:180 Resp: 176590
 Ion Ratio Lower Upper
 180 100
 182 93.8 77.4 116.2
 145 32.8 25.9 38.9

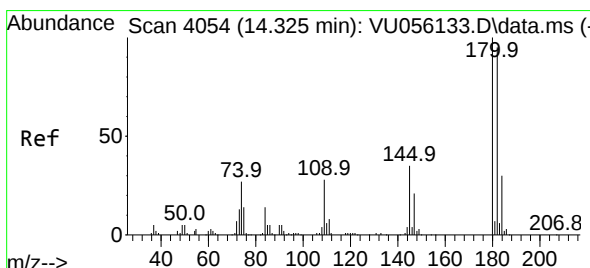
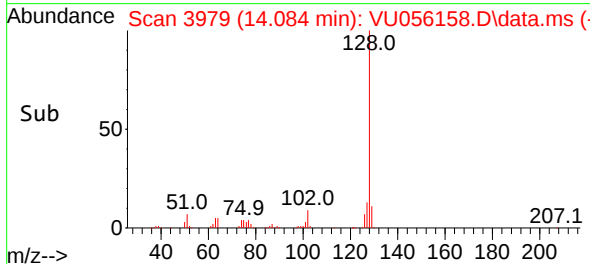
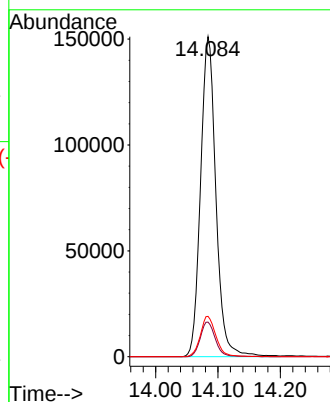
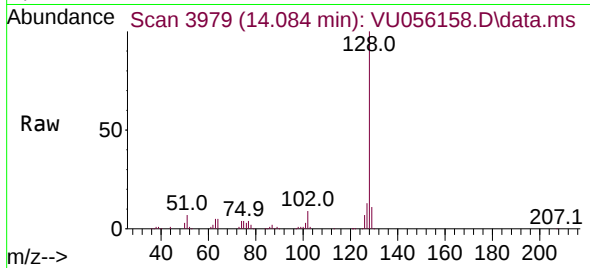




#71
Naphthalene
Concen: 4.550 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU056158.D
Acq: 10 Nov 2023 08:56

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 258749
Ion Ratio Lower Upper
128 100
129 10.5 8.4 12.6
127 12.8 10.5 15.7



#72
1,2,3-Trichlorobenzene
Concen: 4.593 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU056158.D
Acq: 10 Nov 2023 08:56

Tgt Ion:180 Resp: 154409
Ion Ratio Lower Upper
180 100
182 95.4 76.6 115.0
145 34.3 28.0 42.0

