

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110123\
 Data File : VU056053.D
 Acq On : 01 Nov 2023 20:42
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 02 02:13:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 02 02:08:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	331543	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	324817	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	158474	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	116536	4.443	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.914	69	89165	4.362	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.567	65	49904	4.482	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.600%
20) 2-Butanone-d5	4.631	46	230176	49.196	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.400%
24) Chloroform-d	5.058	84	224543	4.620	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.698	65	102256	4.319	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
32) Benzene-d6	5.724	84	450659	4.658	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	6.685	67	133257	4.646	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.894	98	410366	4.675	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
43) trans-1,3-Dichloroprop...	8.177	79	50837	4.532	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.631	63	191420	67.219	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	134.440%#
56) 1,1,2,2-Tetrachloroeth...	10.749	84	101021	4.836	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	135788	4.593	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.386	85	85667	4.534	ug/L	96
3) Chloromethane	1.518	50	76231	4.225	ug/L	98
5) Vinyl chloride	1.605	62	85556	4.305	ug/L	99
6) Bromomethane	1.859	94	53472	4.344	ug/L	98
8) Chloroethane	1.933	64	51833	4.451	ug/L	99
9) Trichlorofluoromethane	2.136	101	133608	4.874	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	90928	5.050	ug/L	97
12) 1,1-Dichloroethene	2.579	96	79712	4.961	ug/L	85
13) Acetone	2.640	43	115166	43.194	ug/L	95
14) Carbon disulfide	2.792	76	174633	4.244	ug/L	99
15) Methyl Acetate	2.956	43	27798	5.118	ug/L	95
16) Methylene chloride	3.046	84	99157	5.446	ug/L	94
17) Methyl tert-butyl Ether	3.357	73	198924	5.101	ug/L	100
18) trans-1,2-Dichloroethene	3.351	96	79485	4.989	ug/L	96
19) 1,1-Dichloroethane	3.865	63	164747	5.093	ug/L	97
21) 2-Butanone	4.711	43	185415	47.307	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	96410	4.998	ug/L	92
23) Bromochloromethane	4.972	128	42592	5.419	ug/L	90
25) Chloroform	5.081	83	187541	5.407	ug/L	98

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Quant Time: Nov 02 02:13:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 02 02:08:05 2023
 Response via : Initial Calibration

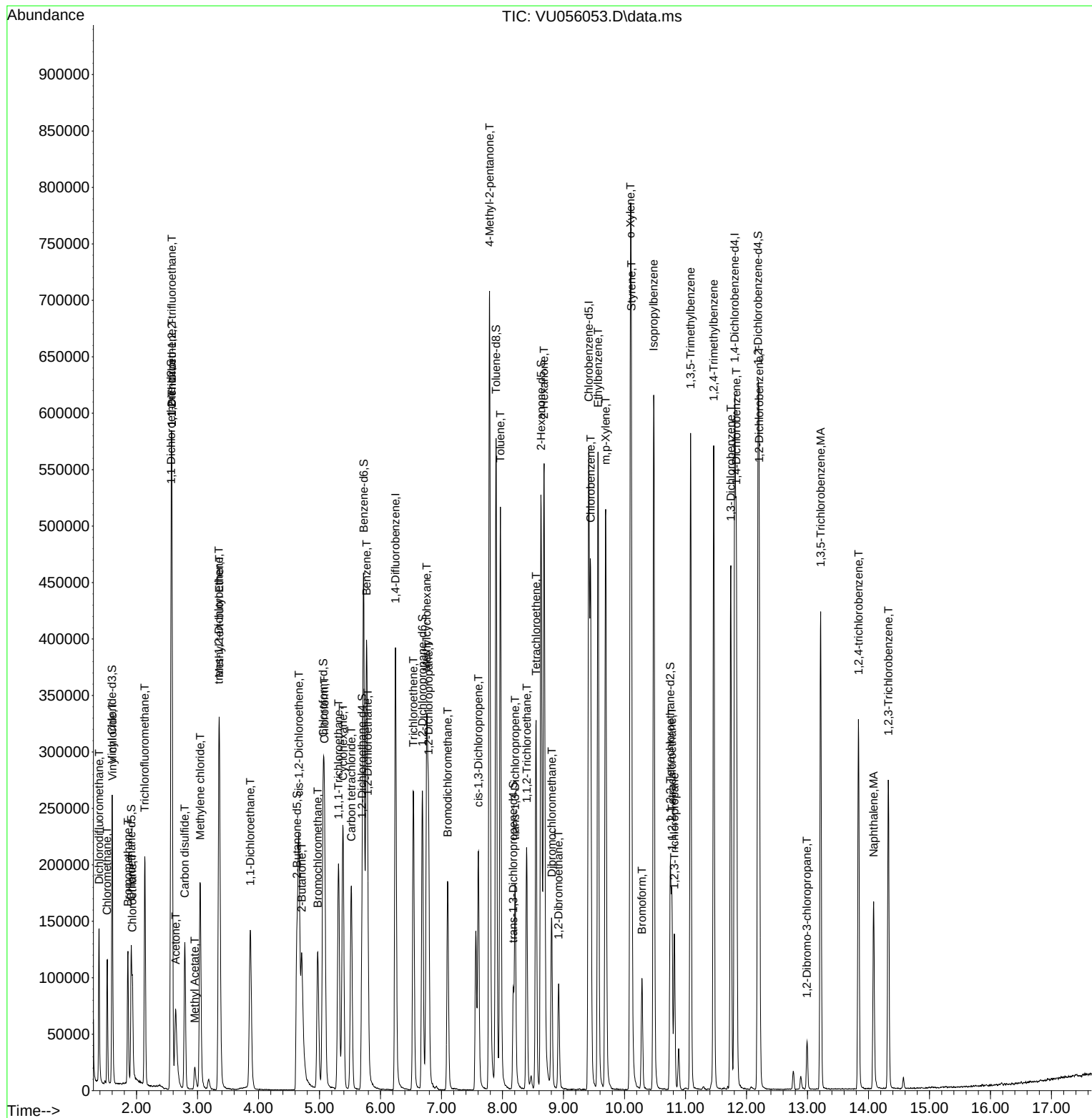
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	99093	4.863	ug/L	97
29) 1,1,1-Trichloroethane	5.312	97	152428	5.149	ug/L	98
30) Cyclohexane	5.383	56	118122	4.729	ug/L	99
31) Carbon tetrachloride	5.521	117	128068	5.071	ug/L	96
33) Benzene	5.772	78	365732	5.102	ug/L	100
34) Trichloroethene	6.537	95	96371	4.806	ug/L	97
35) Methylcyclohexane	6.759	83	126796	4.685	ug/L	97
37) 1,2-Dichloropropane	6.788	63	100593	5.285	ug/L	100
38) Bromodichloromethane	7.100	83	124990	5.231	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	137412	5.068	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	461443	50.294	ug/L	98
42) Toluene	7.965	91	394258	5.263	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	109602	5.007	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	71367	5.333	ug/L	95
47) Tetrachloroethene	8.550	164	73184	5.212	ug/L	97
48) 2-Hexanone	8.682	43	352561	48.872	ug/L	99
49) Dibromochloromethane	8.807	129	80445	5.476	ug/L	100
50) 1,2-Dibromoethane	8.920	107	64458	5.308	ug/L	100
51) Chlorobenzene	9.444	112	253243	5.158	ug/L	97
52) Ethylbenzene	9.566	91	424729	5.001	ug/L	99
53) m,p-Xylene	9.692	106	162329	5.115	ug/L	96
54) o-Xylene	10.097	106	156334	5.034	ug/L	98
55) Styrene	10.113	104	263741	5.298	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.778	83	85031	5.489	ug/L	96
59) Bromoform	10.286	173	46871	5.814	ug/L	98
60) Isopropylbenzene	10.479	105	421684	5.340	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	57677	5.301	ug/L	95
62) 1,3,5-Trimethylbenzene	11.084	105	329751	5.110	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	322456	5.378	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	197528	5.277	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	191496	5.126	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	181160	5.271	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	11637	5.994	ug/L	98
69) 1,3,5-Trichlorobenzene	13.216	180	134433	5.255	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	104884	5.547	ug/L	97
71) Naphthalene	14.084	128	143480	5.240	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	86058	5.279	ug/L	98

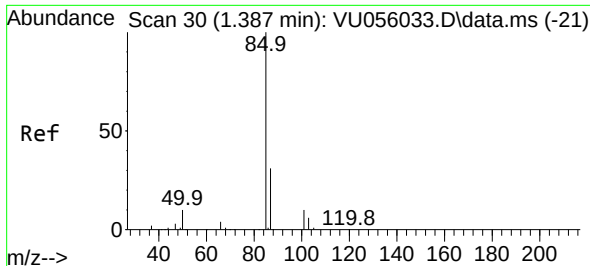
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

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ClientSampleId :

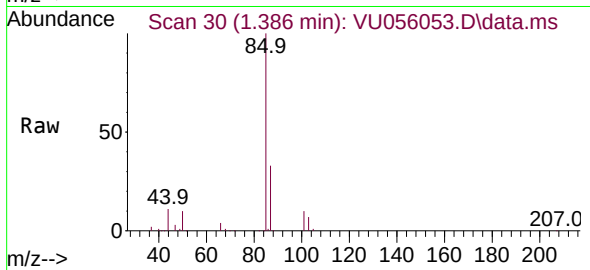
Quant Time: Nov 02 02:13:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 02 02:08:05 2023
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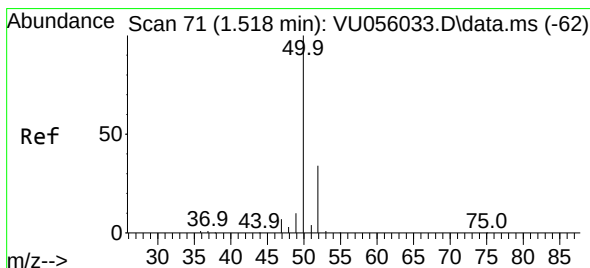
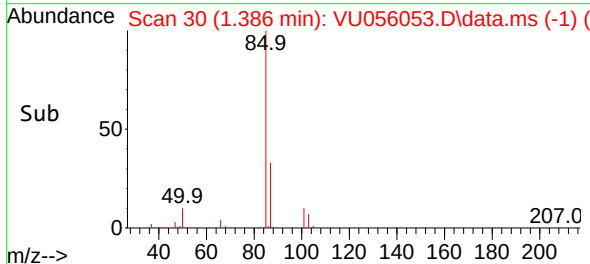
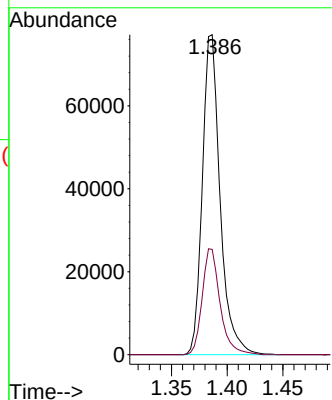


#2
 Dichlorodifluoromethane
 Concen: 4.534 ug/L
 RT: 1.386 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: VU056053.D
 Acq: 01 Nov 2023 20:42

Instrument :
 MSVOA_U
 ClientSampleId :

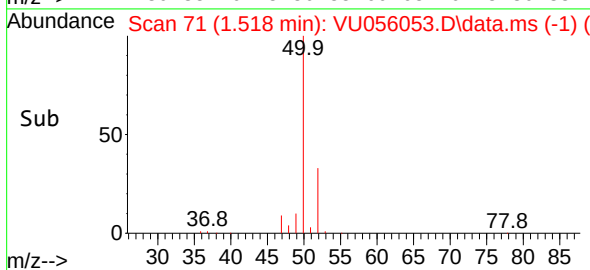
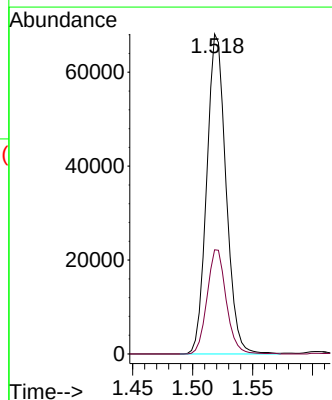
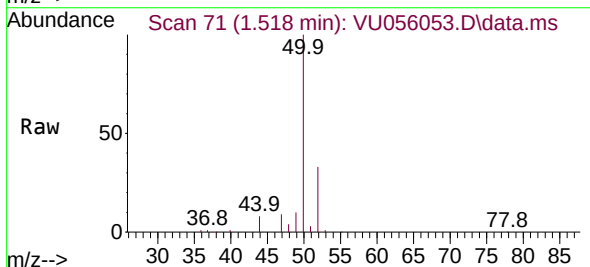


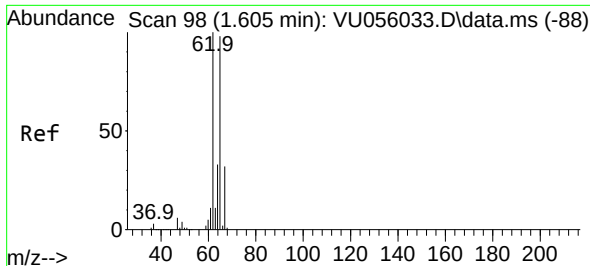
Tgt Ion: 85 Resp: 85667
 Ion Ratio Lower Upper
 85 100
 87 33.4 25.0 37.4



#3
 Chloromethane
 Concen: 4.225 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU056053.D
 Acq: 01 Nov 2023 20:42

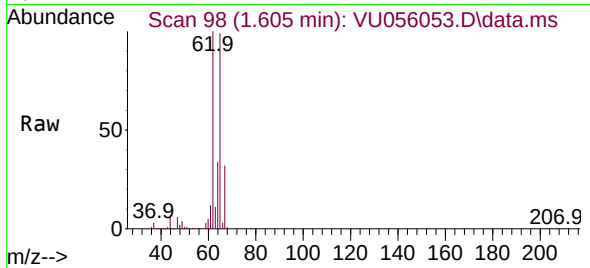
Tgt Ion: 50 Resp: 76231
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.0 40.8



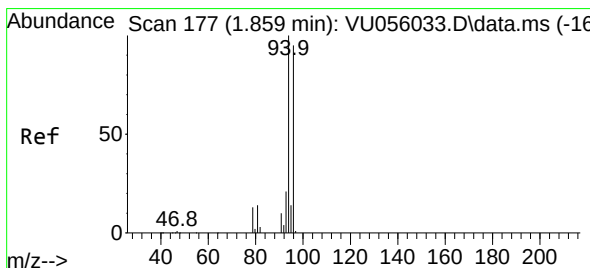
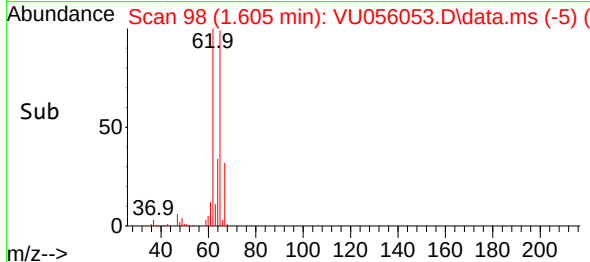
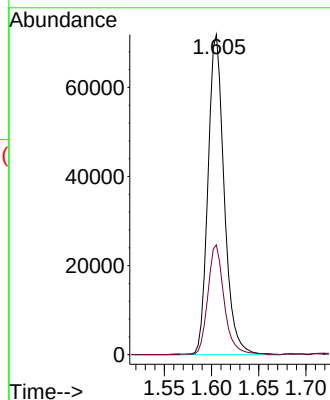


#5
 Vinyl chloride
 Concen: 4.305 ug/L
 RT: 1.605 min Scan# 98
 Delta R.T. -0.000 min
 Lab File: VU056053.D
 Acq: 01 Nov 2023 20:42

Instrument :
 MSVOA_U
 ClientSampleId :

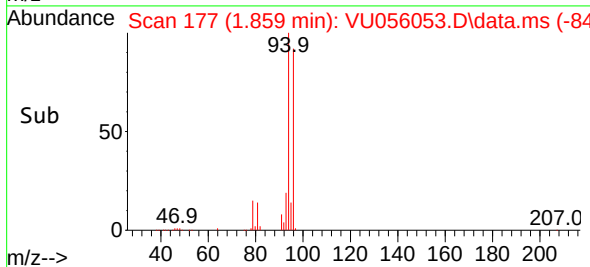
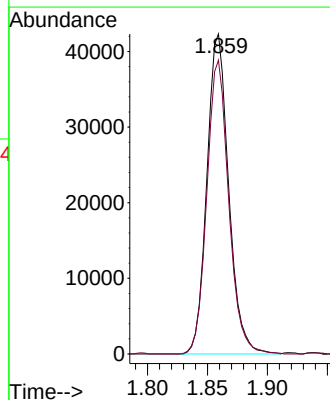
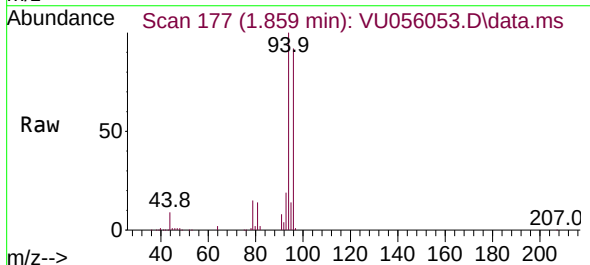


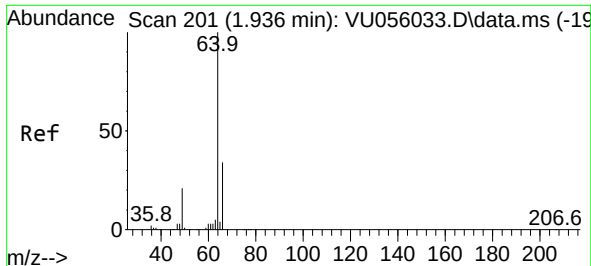
Tgt Ion: 62 Resp: 85556
 Ion Ratio Lower Upper
 62 100
 64 34.3 24.2 45.0



#6
 Bromomethane
 Concen: 4.344 ug/L
 RT: 1.859 min Scan# 177
 Delta R.T. -0.000 min
 Lab File: VU056053.D
 Acq: 01 Nov 2023 20:42

Tgt Ion: 94 Resp: 53472
 Ion Ratio Lower Upper
 94 100
 96 91.8 65.9 122.5





#8

Chloroethane

Concen: 4.451 ug/L

RT: 1.933 min Scan# 20

Delta R.T. -0.003 min

Lab File: VU056053.D

Acq: 01 Nov 2023 20:42

Instrument :

MSVOA_U

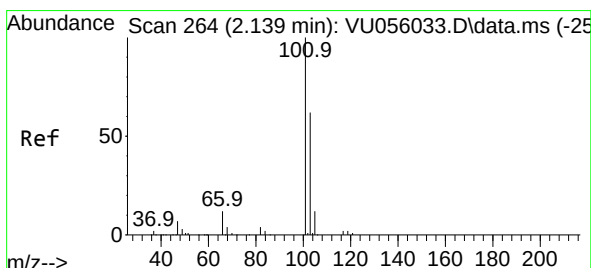
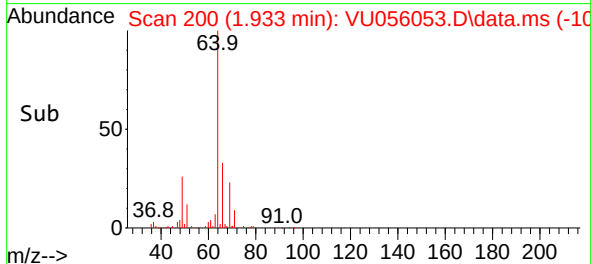
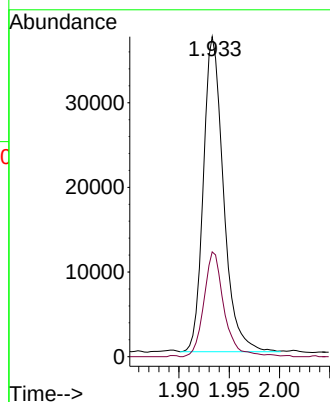
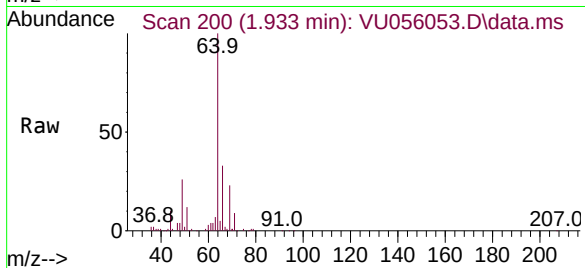
ClientSampleId :

Tgt Ion: 64 Resp: 51833

Ion Ratio Lower Upper

64 100

66 32.8 22.7 42.1



#9

Trichlorofluoromethane

Concen: 4.874 ug/L

RT: 2.136 min Scan# 263

Delta R.T. -0.003 min

Lab File: VU056053.D

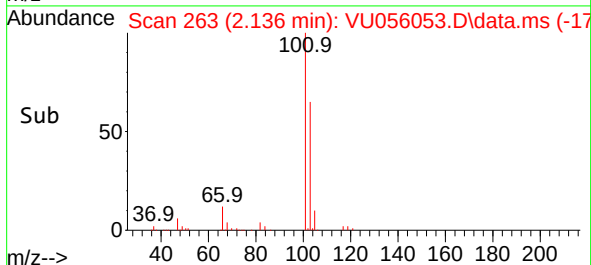
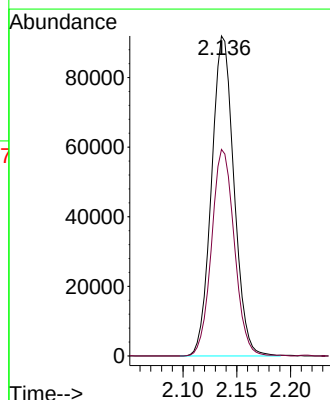
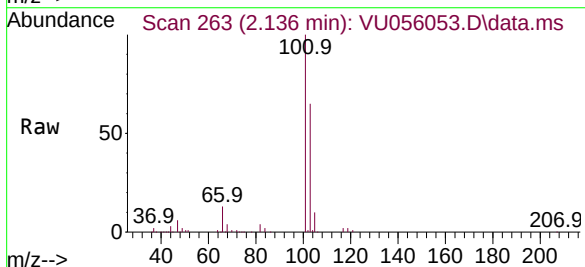
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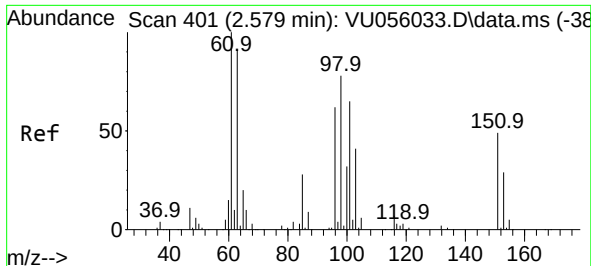
Tgt Ion:101 Resp: 133608

Ion Ratio Lower Upper

101 100

103 65.5 52.2 78.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.050 ug/L

RT: 2.579 min Scan# 401

Delta R.T. -0.000 min

Lab File: VU056053.D

Acq: 01 Nov 2023 20:42

Instrument :

MSVOA_U

ClientSampleId :

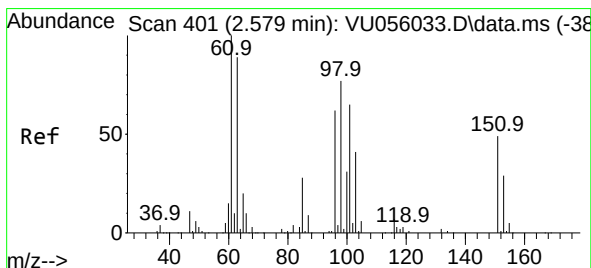
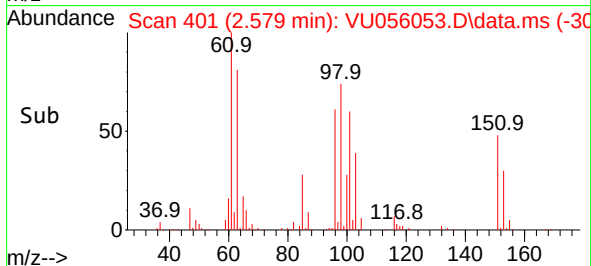
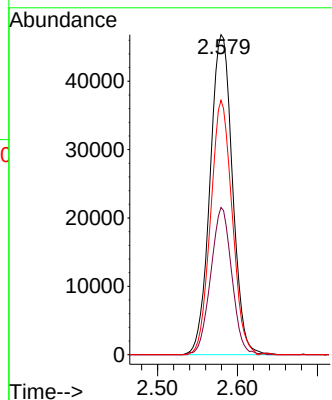
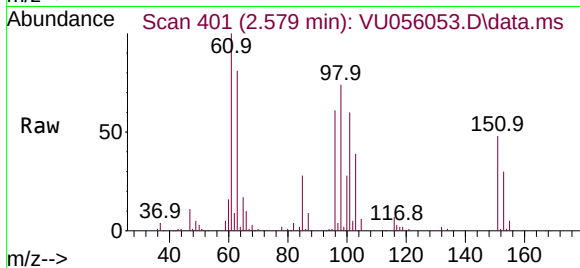
Tgt Ion:101 Resp: 90928

Ion Ratio Lower Upper

101 100

85 43.3 34.4 51.6

151 76.4 58.4 87.6



#12

1,1-Dichloroethene

Concen: 4.961 ug/L

RT: 2.579 min Scan# 401

Delta R.T. -0.000 min

Lab File: VU056053.D

Acq: 01 Nov 2023 20:42

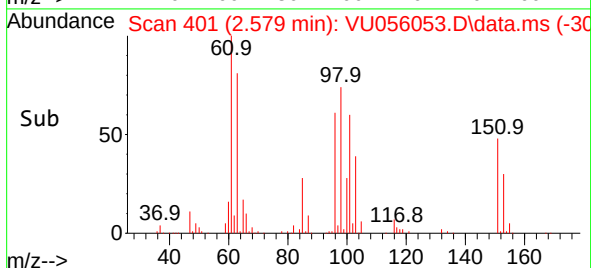
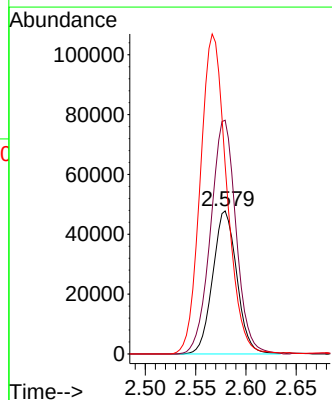
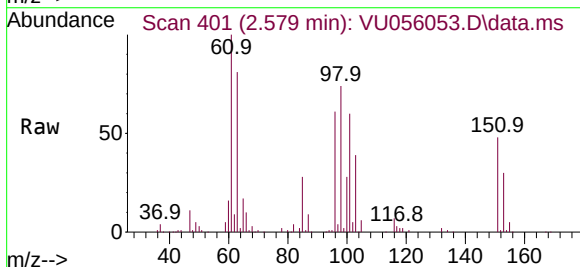
Tgt Ion: 96 Resp: 79712

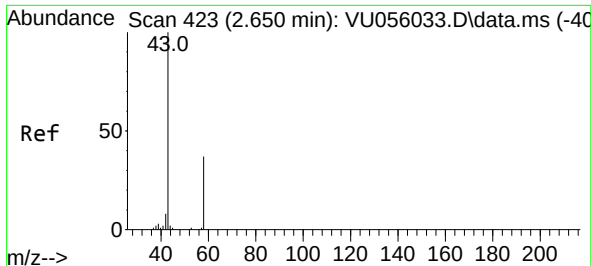
Ion Ratio Lower Upper

96 100

61 163.4 123.8 230.0

63 132.2 111.0 206.2





#13

Acetone

Concen: 43.194 ug/L

RT: 2.640 min Scan# 41

Delta R.T. -0.010 min

Lab File: VU056053.D

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Instrument :

MSVOA_U

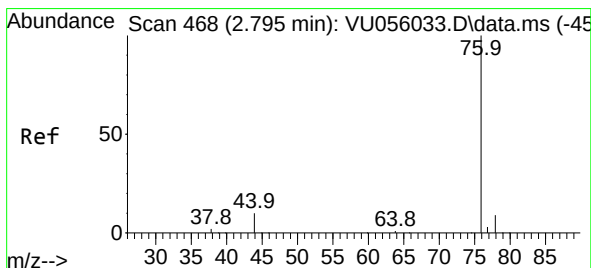
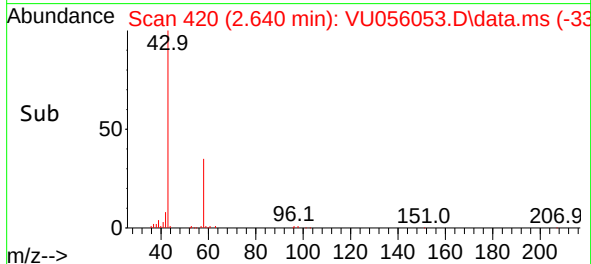
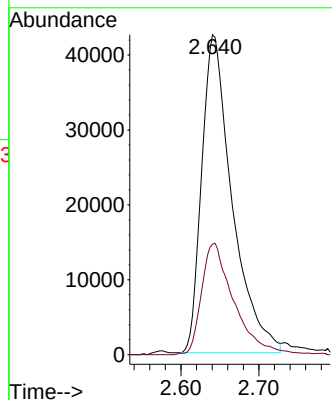
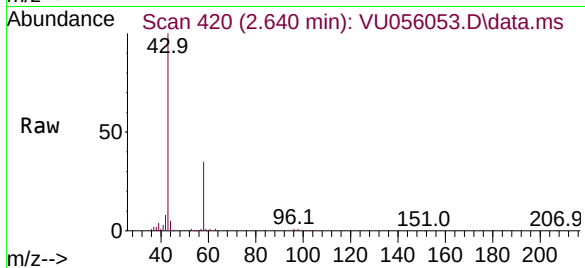
ClientSampleId :

Tgt Ion: 43 Resp: 115166

Ion Ratio Lower Upper

43 100

58 37.3 0.0 69.0



#14

Carbon disulfide

Concen: 4.244 ug/L

RT: 2.792 min Scan# 467

Delta R.T. -0.003 min

Lab File: VU056053.D

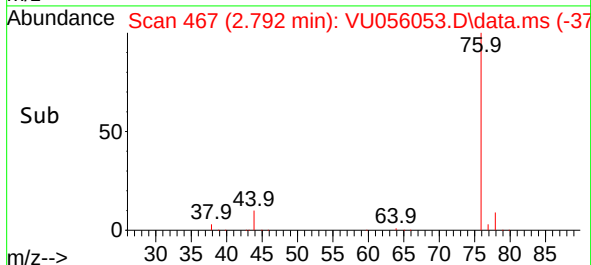
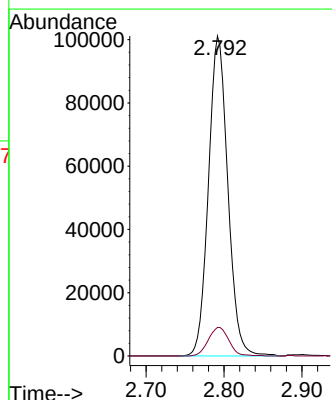
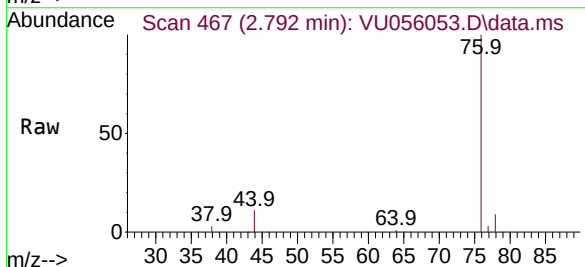
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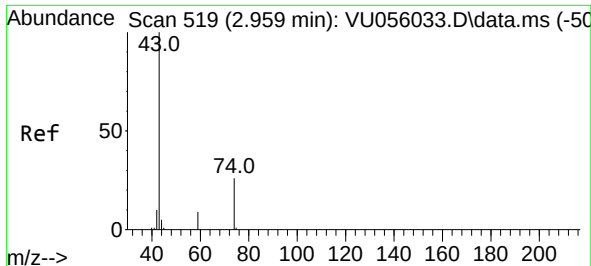
Tgt Ion: 76 Resp: 174633

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3

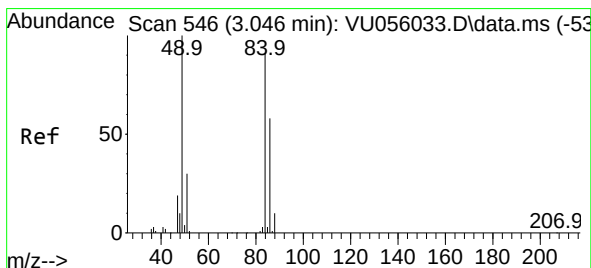
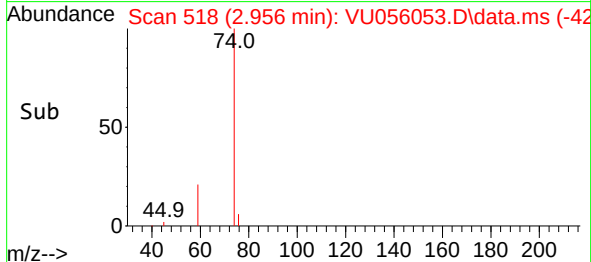
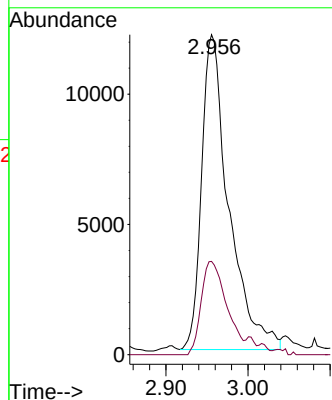
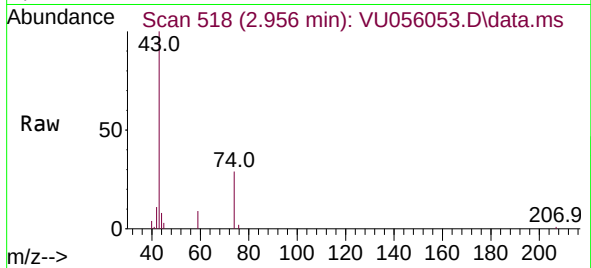




#15
Methyl Acetate
Concen: 5.118 ug/L
RT: 2.956 min Scan# 519
Delta R.T. -0.003 min
Lab File: VU056053.D
Acq: 01 Nov 2023 20:42

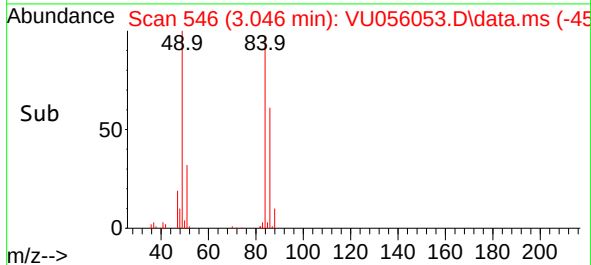
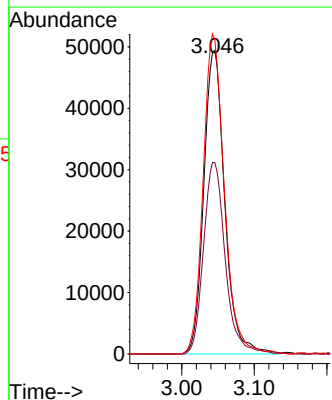
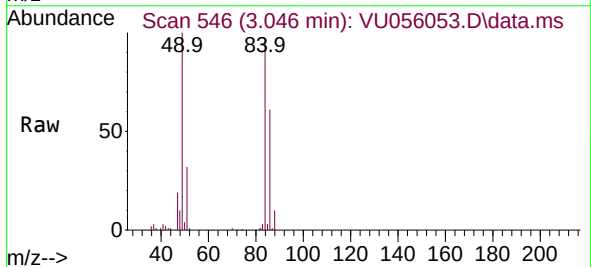
Instrument :
MSVOA_U
ClientSampleId :

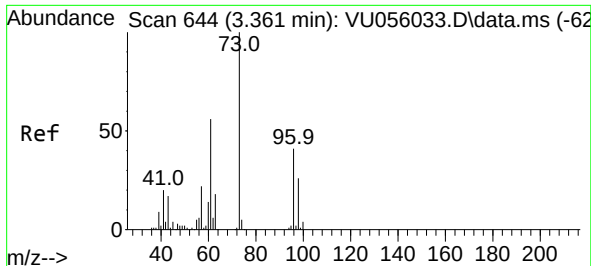
Tgt Ion: 43 Resp: 27798
Ion Ratio Lower Upper
43 100
74 27.6 19.9 29.9



#16
Methylene chloride
Concen: 5.446 ug/L
RT: 3.046 min Scan# 546
Delta R.T. -0.000 min
Lab File: VU056053.D
Acq: 01 Nov 2023 20:42

Tgt Ion: 84 Resp: 99157
Ion Ratio Lower Upper
84 100
86 63.0 45.2 84.0
49 103.2 78.8 146.3

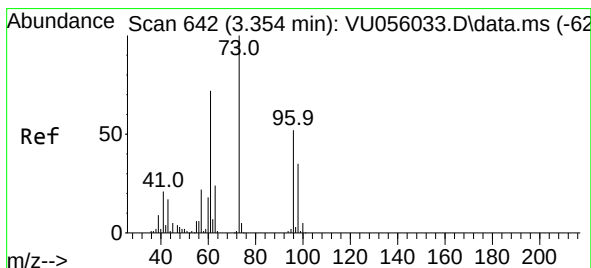
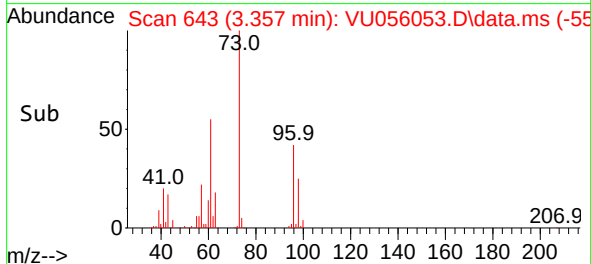
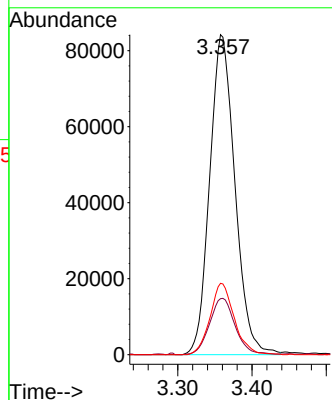
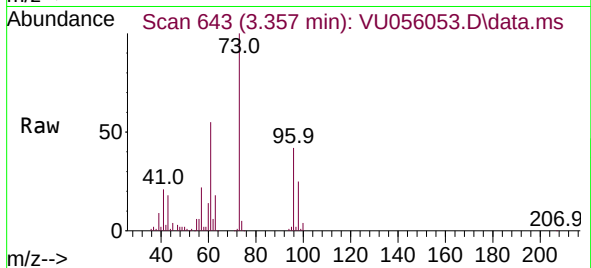




#17
Methyl tert-butyl Ether
Concen: 5.101 ug/L
RT: 3.357 min Scan# 644
Delta R.T. -0.003 min
Lab File: VU056053.D
Acq: 01 Nov 2023 20:42

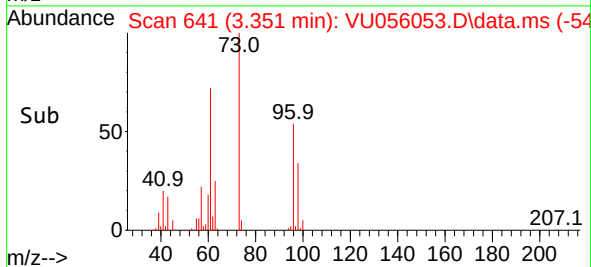
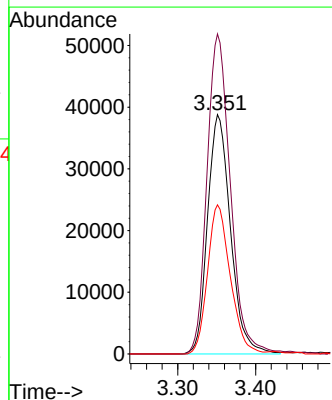
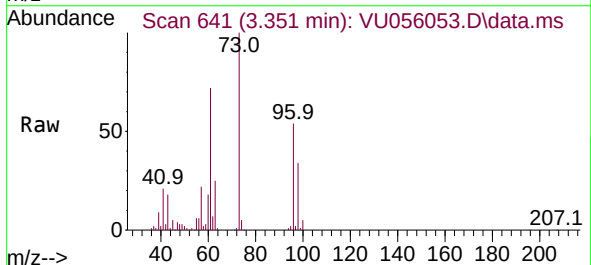
Instrument :
MSVOA_U
ClientSampleId :

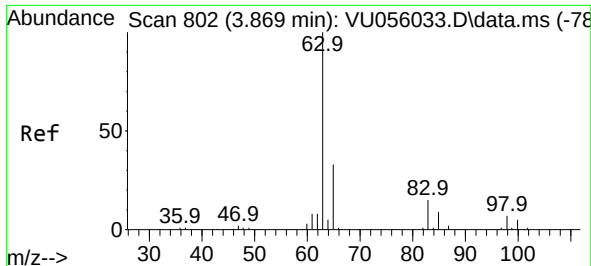
Tgt Ion: 73 Resp: 198924
Ion Ratio Lower Upper
73 100
43 17.9 14.4 21.6
57 21.4 17.0 25.4



#18
trans-1,2-Dichloroethene
Concen: 4.989 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU056053.D
Acq: 01 Nov 2023 20:42

Tgt Ion: 96 Resp: 79485
Ion Ratio Lower Upper
96 100
61 133.7 97.5 181.1
98 62.3 42.7 79.3





#19

1,1-Dichloroethane

Concen: 5.093 ug/L

RT: 3.865 min Scan# 80

Delta R.T. -0.003 min

Lab File: VU056053.D

Acq: 01 Nov 2023 20:42

Instrument :

MSVOA_U

ClientSampleId :

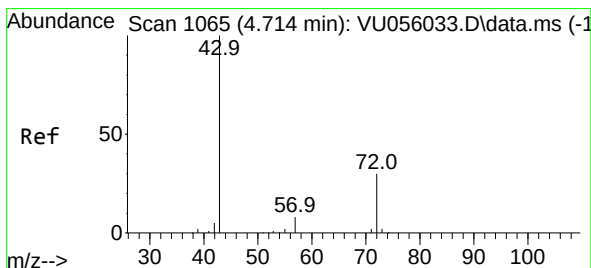
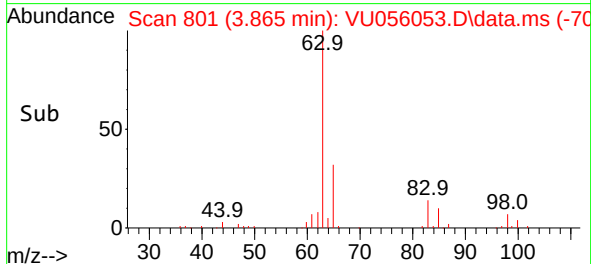
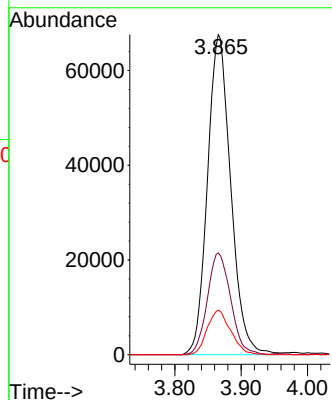
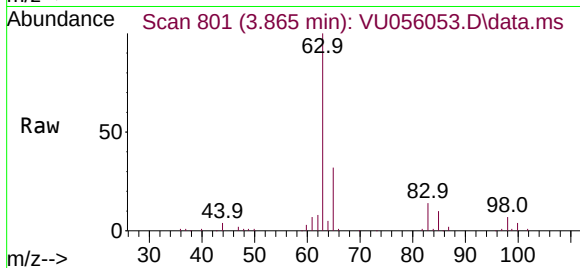
Tgt Ion: 63 Resp: 164747

Ion Ratio Lower Upper

63 100

65 31.8 23.3 43.3

83 13.9 10.5 19.5



#21

2-Butanone

Concen: 47.307 ug/L

RT: 4.711 min Scan# 1064

Delta R.T. -0.003 min

Lab File: VU056053.D

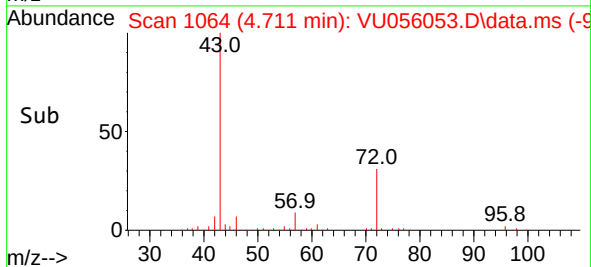
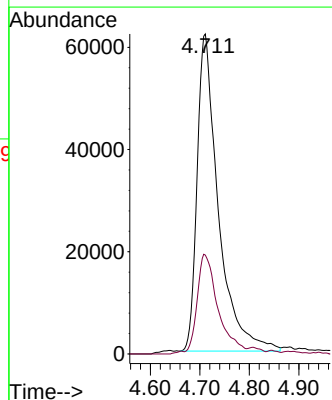
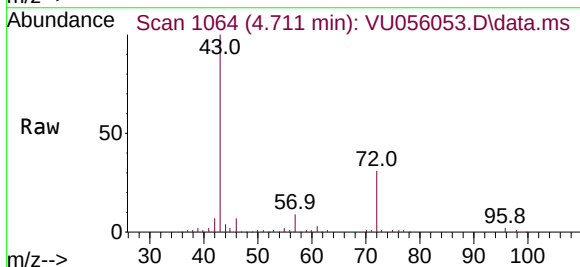
Acq: 01 Nov 2023 20:42

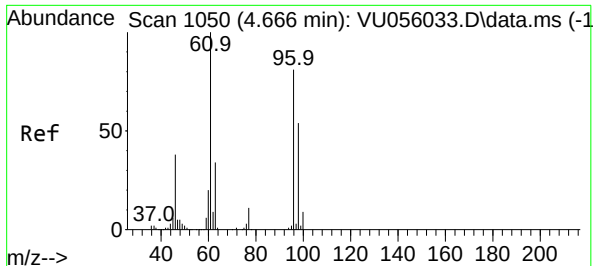
Tgt Ion: 43 Resp: 185415

Ion Ratio Lower Upper

43 100

72 29.9 14.4 43.4





#22

cis-1,2-Dichloroethene

Concen: 4.998 ug/L

RT: 4.663 min Scan# 110

Delta R.T. -0.003 min

Lab File: VU056053.D

Acq: 01 Nov 2023 20:42

Instrument :

MSVOA_U

ClientSampleId :

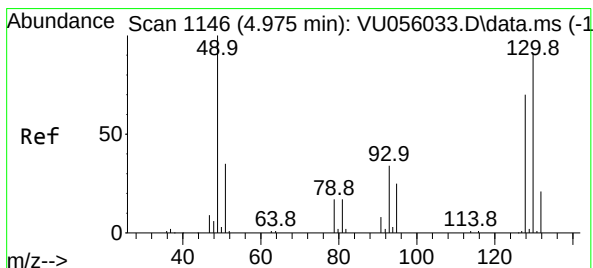
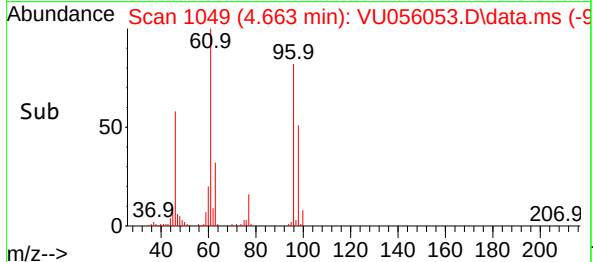
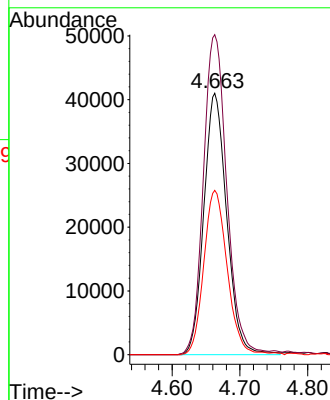
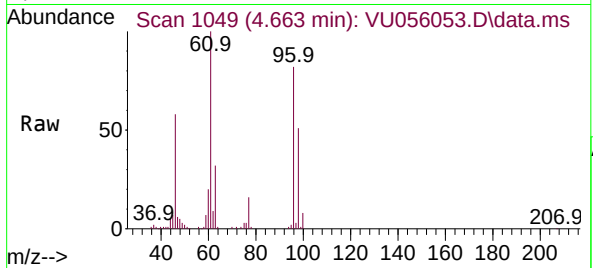
Tgt Ion: 96 Resp: 96410

Ion Ratio Lower Upper

96 100

61 122.4 93.8 174.2

98 62.8 45.6 84.8



#23

Bromochloromethane

Concen: 5.419 ug/L

RT: 4.972 min Scan# 1145

Delta R.T. -0.003 min

Lab File: VU056053.D

Acq: 01 Nov 2023 20:42

Tgt Ion:128 Resp: 42592

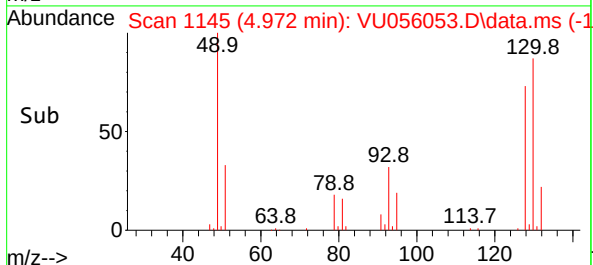
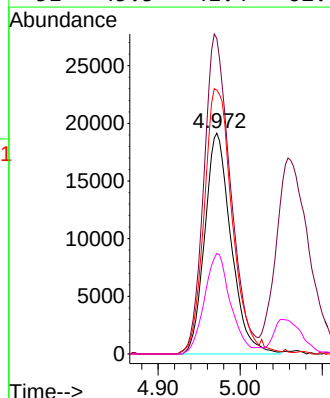
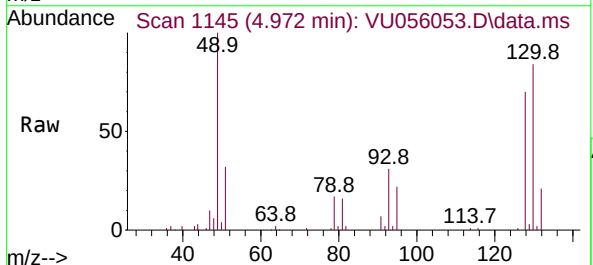
Ion Ratio Lower Upper

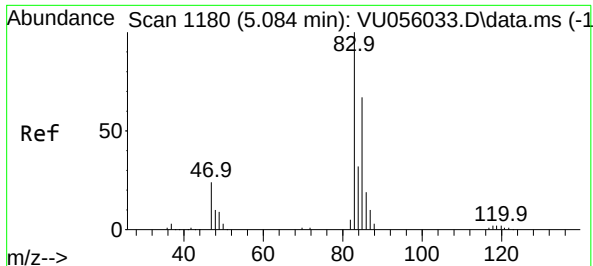
128 100

49 142.8 108.7 201.9

130 119.5 91.5 169.9

51 45.5 41.4 62.0





#25

Chloroform

Concen: 5.407 ug/L

RT: 5.081 min Scan# 1180

Delta R.T. -0.003 min

Lab File: VU056053.D

Acq: 01 Nov 2023 20:42

Instrument :

MSVOA_U

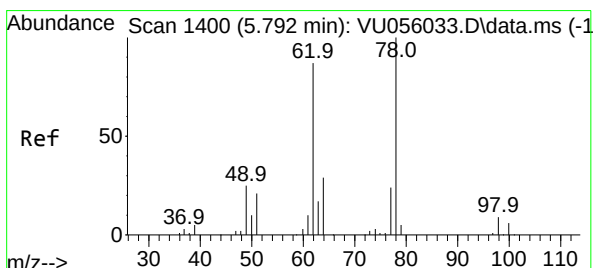
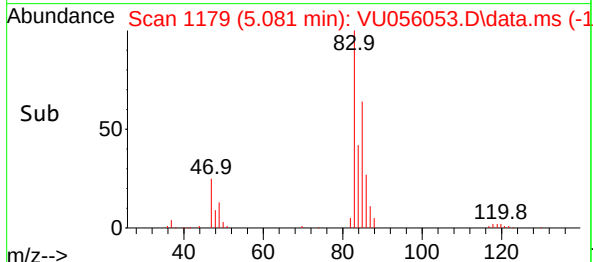
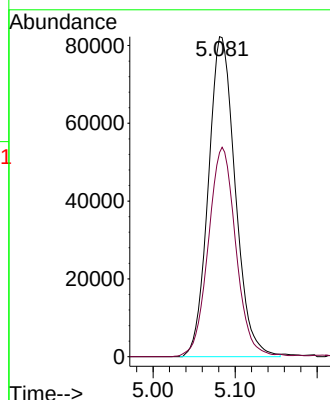
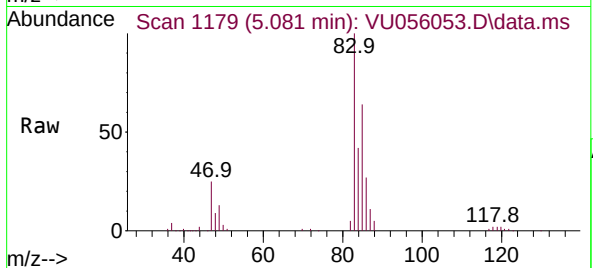
ClientSampleId :

Tgt Ion: 83 Resp: 187541

Ion Ratio Lower Upper

83 100

85 63.8 45.6 84.8



#27

1,2-Dichloroethane

Concen: 4.863 ug/L

RT: 5.791 min Scan# 1400

Delta R.T. -0.000 min

Lab File: VU056053.D

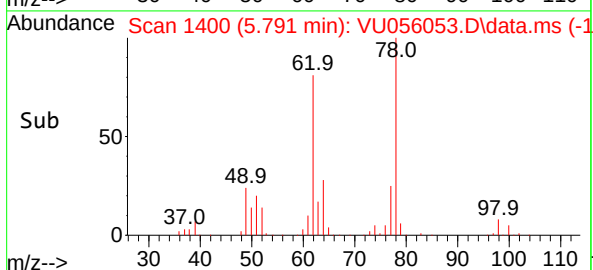
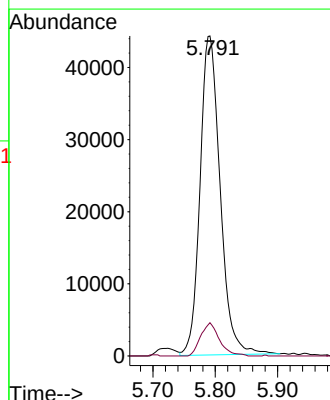
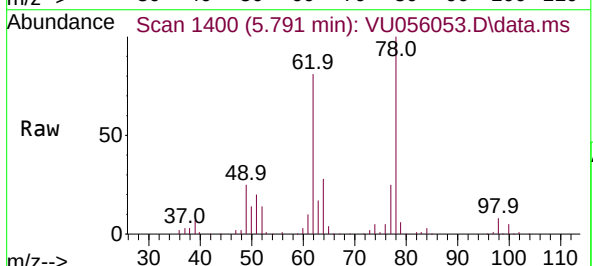
Acq: 01 Nov 2023 20:42

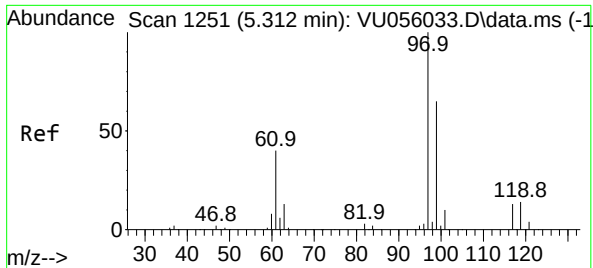
Tgt Ion: 62 Resp: 99093

Ion Ratio Lower Upper

62 100

98 10.4 7.4 11.2

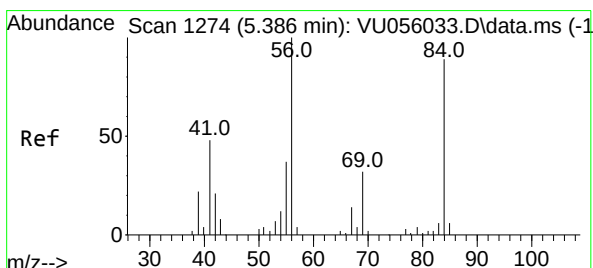
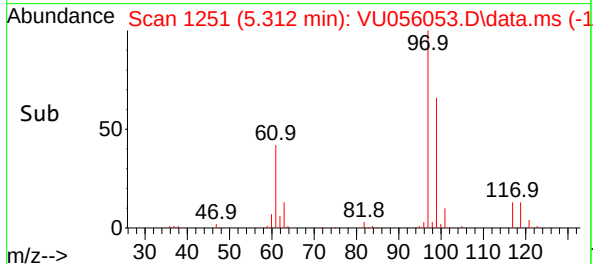
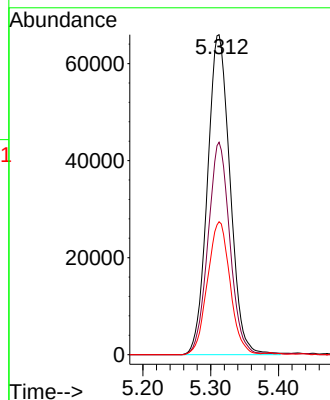
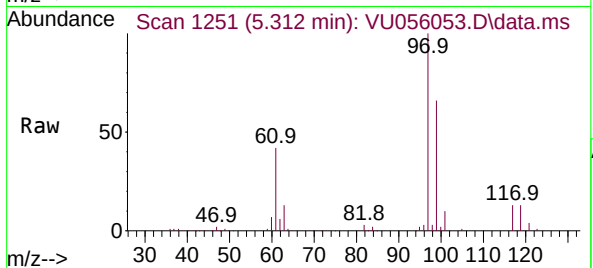




#29
1,1,1-Trichloroethane
Concen: 5.149 ug/L
RT: 5.312 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU056053.D
Acq: 01 Nov 2023 20:42

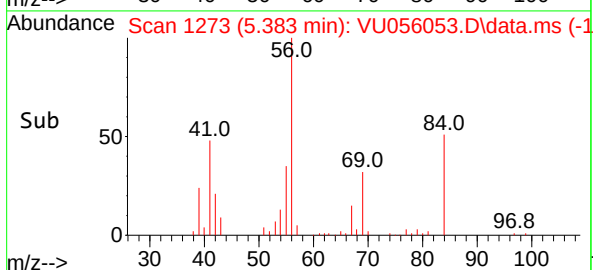
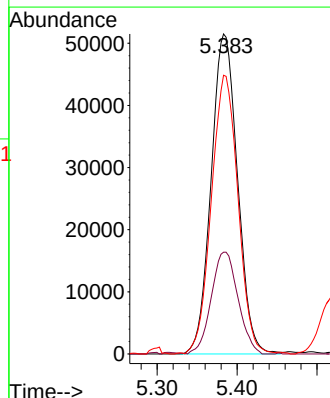
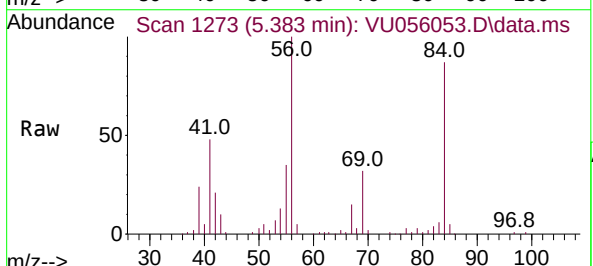
Instrument :
MSVOA_U
ClientSampleId :

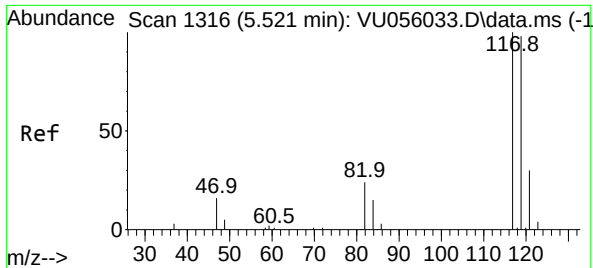
Tgt Ion: 97 Resp: 152428
Ion Ratio Lower Upper
97 100
99 64.5 50.8 76.2
61 41.6 35.0 52.4



#30
Cyclohexane
Concen: 4.729 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. -0.003 min
Lab File: VU056053.D
Acq: 01 Nov 2023 20:42

Tgt Ion: 56 Resp: 118122
Ion Ratio Lower Upper
56 100
69 32.2 25.4 38.2
84 87.8 71.0 106.6

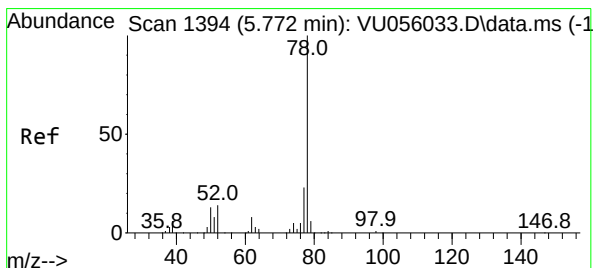
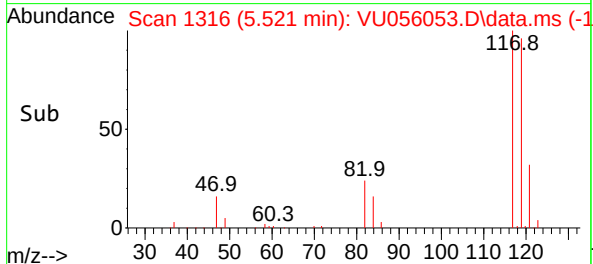
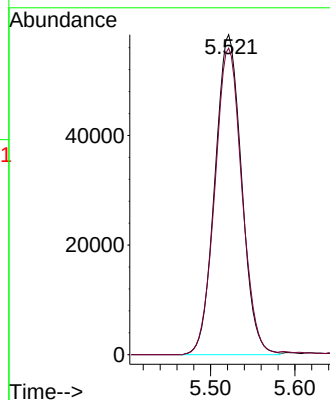
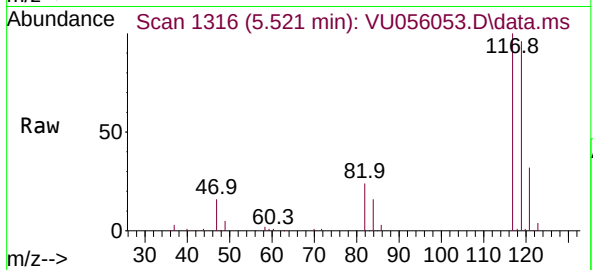




#31
Carbon tetrachloride
Concen: 5.071 ug/L
RT: 5.521 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU056053.D
Acq: 01 Nov 2023 20:42

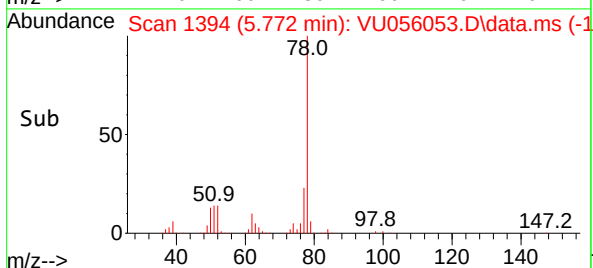
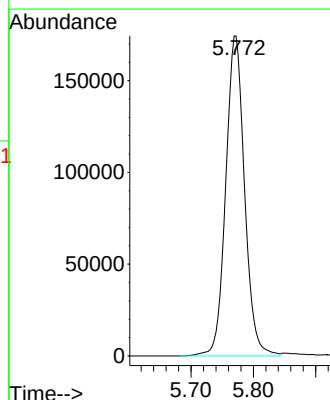
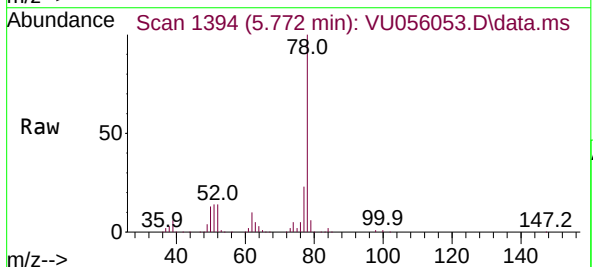
Instrument :
MSVOA_U
ClientSampleId :

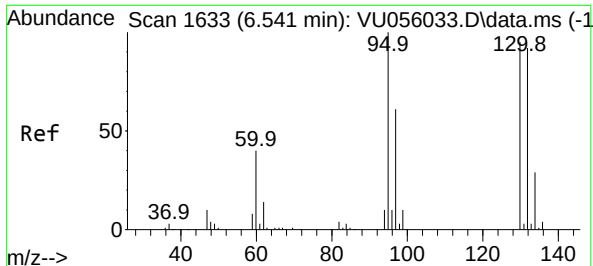
Tgt Ion:117 Resp: 128068
Ion Ratio Lower Upper
117 100
119 97.4 75.1 112.7



#33
Benzene
Concen: 5.102 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VU056053.D
Acq: 01 Nov 2023 20:42

Tgt Ion: 78 Resp: 365732

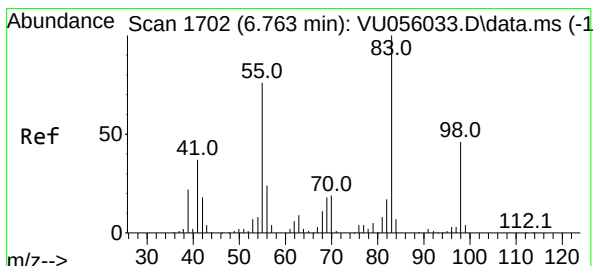
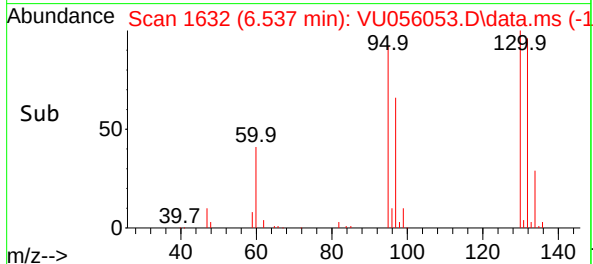
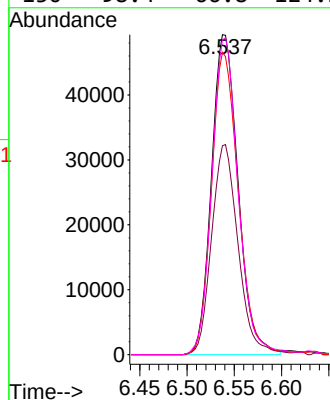
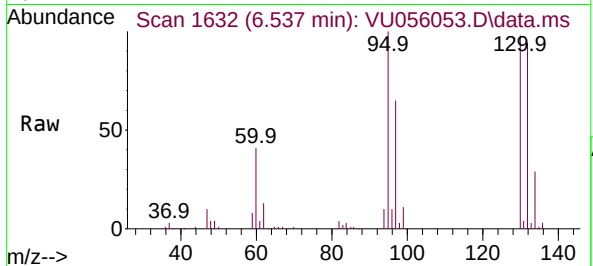




#34
Trichloroethene
Concen: 4.806 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU056053.D
Acq: 01 Nov 2023 20:42

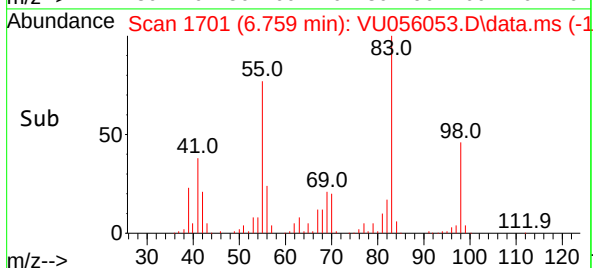
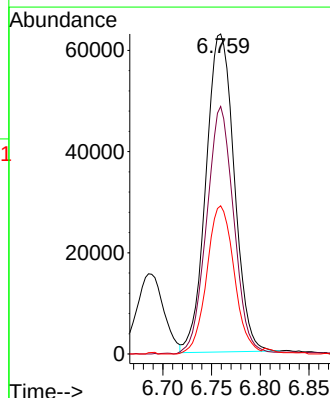
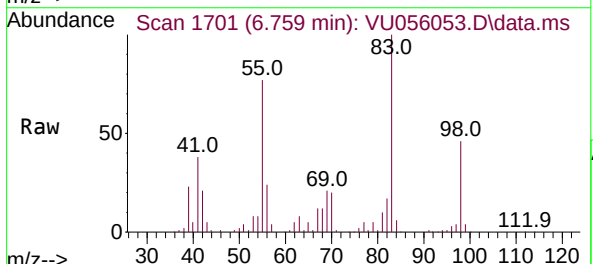
Instrument :
MSVOA_U
ClientSampleId :

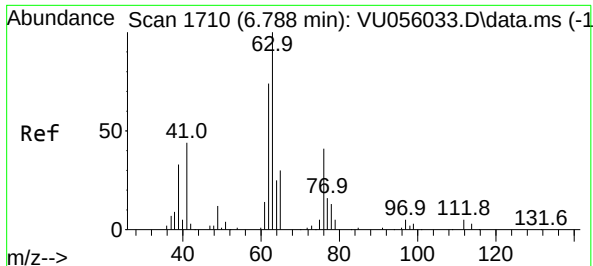
Tgt Ion: 95 Resp: 96371
Ion Ratio Lower Upper
95 100
97 65.3 45.4 84.2
132 94.5 63.9 118.7
130 98.4 66.8 124.2



#35
Methylcyclohexane
Concen: 4.685 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. -0.003 min
Lab File: VU056053.D
Acq: 01 Nov 2023 20:42

Tgt Ion: 83 Resp: 126796
Ion Ratio Lower Upper
83 100
55 74.9 62.4 93.6
98 45.2 37.4 56.2

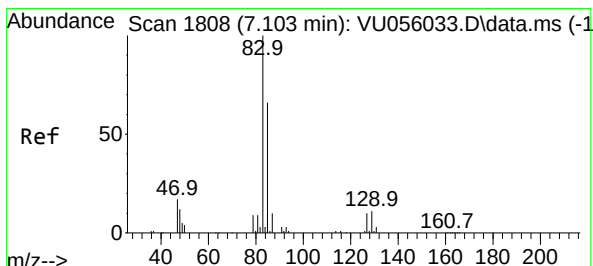
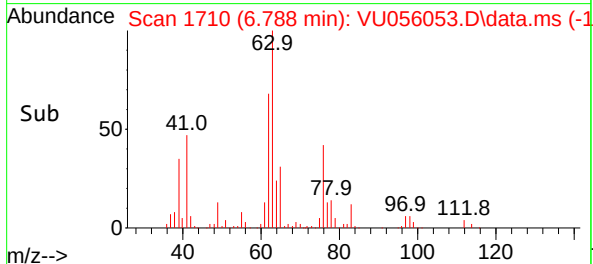
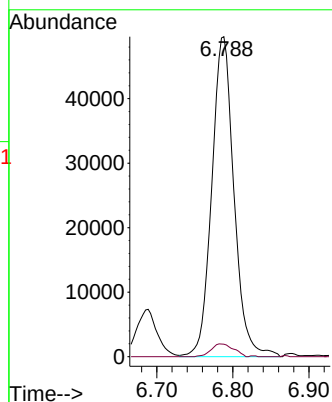
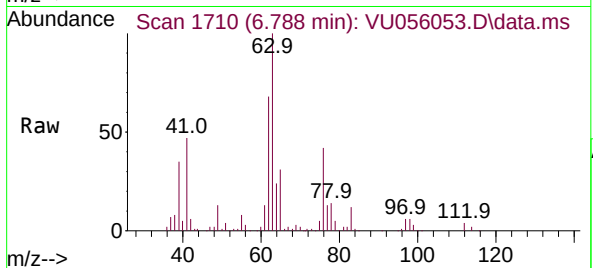




#37
1,2-Dichloropropane
Concen: 5.285 ug/L
RT: 6.788 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU056053.D
Acq: 01 Nov 2023 20:42

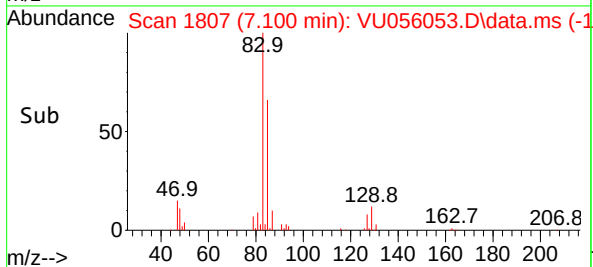
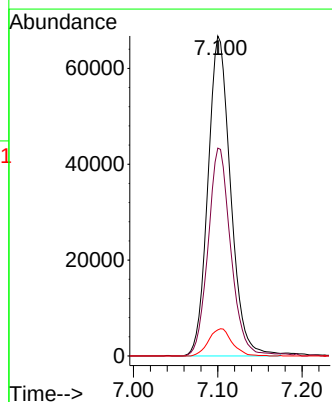
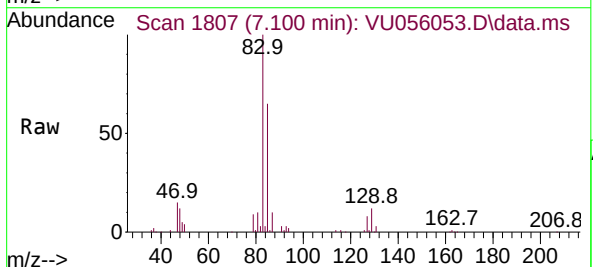
Instrument :
MSVOA_U
ClientSampleId :

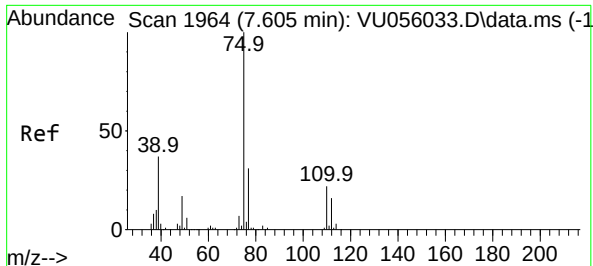
Tgt Ion: 63 Resp: 100593
Ion Ratio Lower Upper
63 100
112 4.1 3.1 4.7



#38
Bromodichloromethane
Concen: 5.231 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.003 min
Lab File: VU056053.D
Acq: 01 Nov 2023 20:42

Tgt Ion: 83 Resp: 124990
Ion Ratio Lower Upper
83 100
85 64.9 44.9 83.3
127 8.2 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 5.068 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. -0.000 min

Lab File: VU056053.D

Acq: 01 Nov 2023 20:42

Instrument :

MSVOA_U

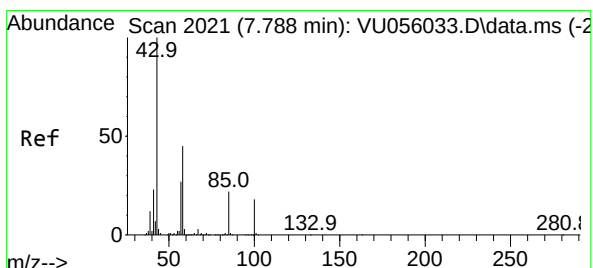
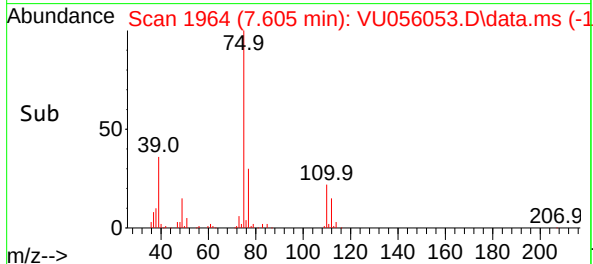
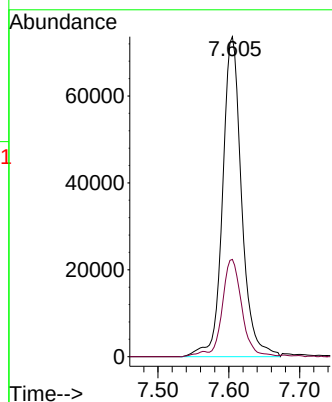
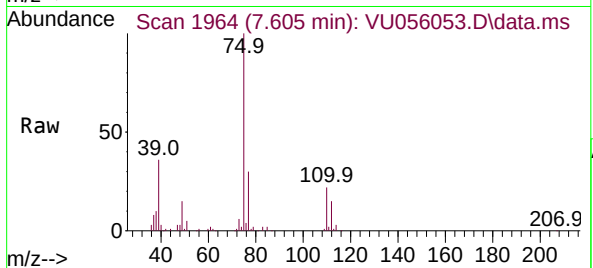
ClientSampleId :

Tgt Ion: 75 Resp: 137412

Ion Ratio Lower Upper

75 100

77 30.4 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 50.294 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. -0.000 min

Lab File: VU056053.D

Acq: 01 Nov 2023 20:42

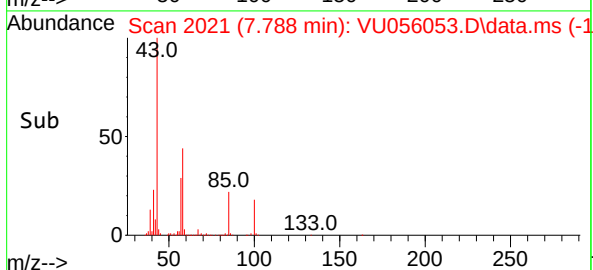
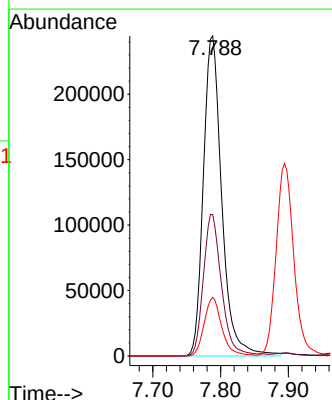
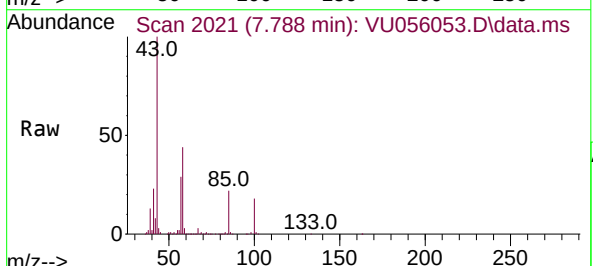
Tgt Ion: 43 Resp: 461443

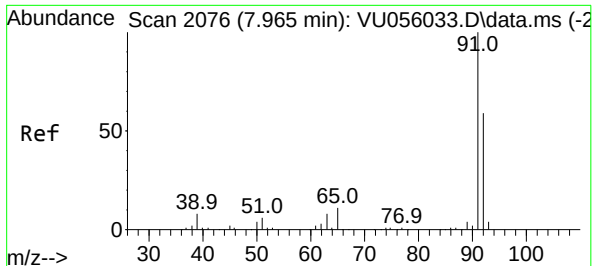
Ion Ratio Lower Upper

43 100

58 43.5 34.0 51.0

100 17.5 13.0 19.6

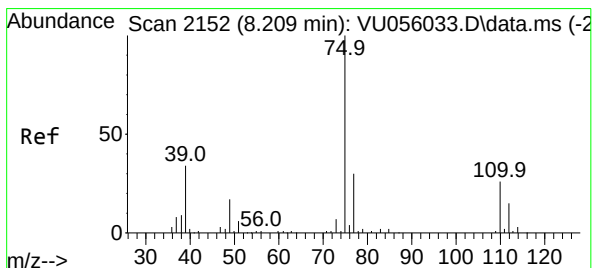
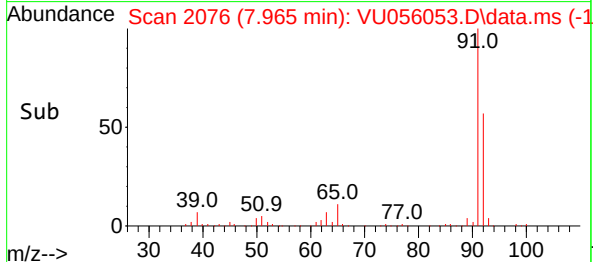
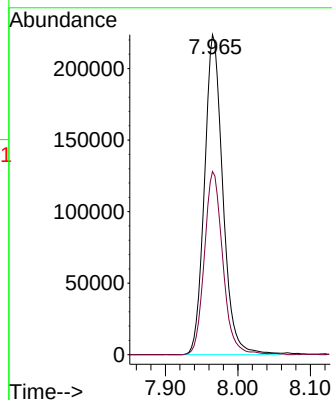
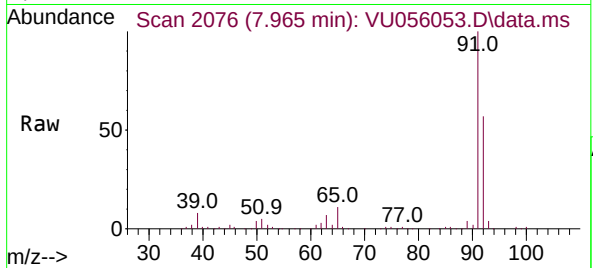




#42
Toluene
Concen: 5.263 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. -0.000 min
Lab File: VU056053.D
Acq: 01 Nov 2023 20:42

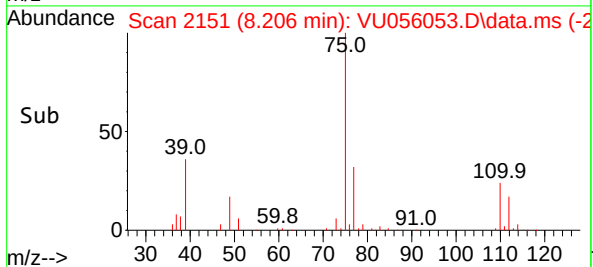
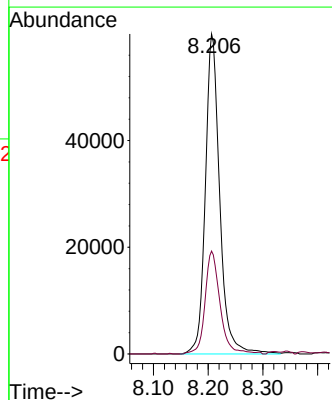
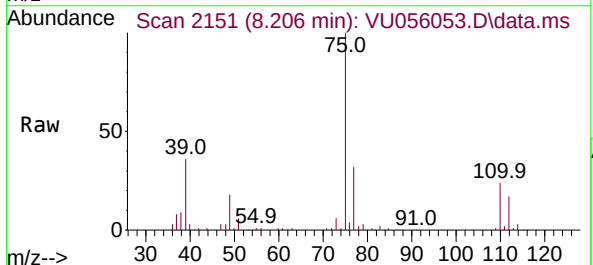
Instrument :
MSVOA_U
ClientSampleId :

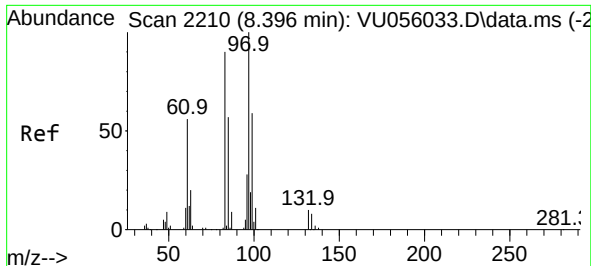
Tgt Ion: 91 Resp: 394258
Ion Ratio Lower Upper
91 100
92 57.2 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 5.007 ug/L
RT: 8.206 min Scan# 2151
Delta R.T. -0.003 min
Lab File: VU056053.D
Acq: 01 Nov 2023 20:42

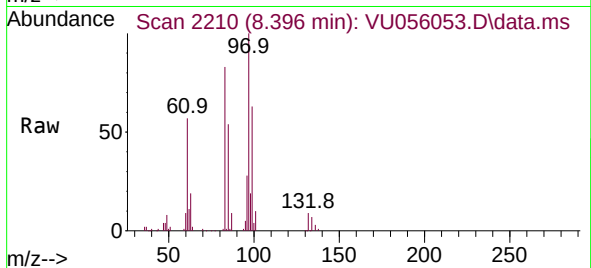
Tgt Ion: 75 Resp: 109602
Ion Ratio Lower Upper
75 100
77 32.2 21.7 40.3



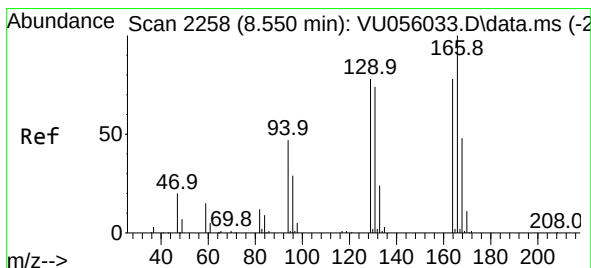
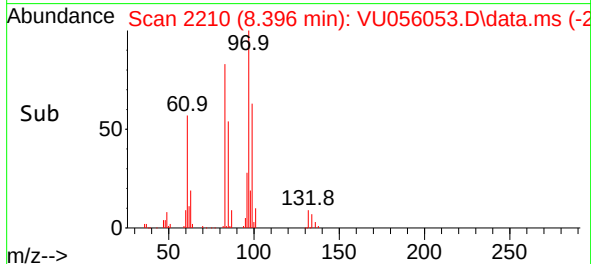
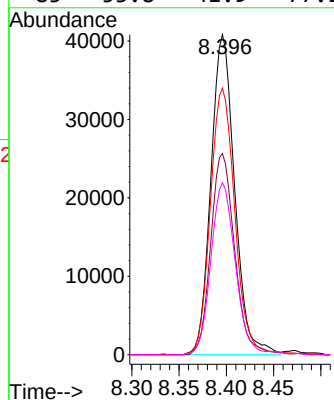


#45
1,1,2-Trichloroethane
Concen: 5.333 ug/L
RT: 8.396 min Scan# 2110
Delta R.T. -0.000 min
Lab File: VU056053.D
Acq: 01 Nov 2023 20:42

Instrument :
MSVOA_U
ClientSampleId :

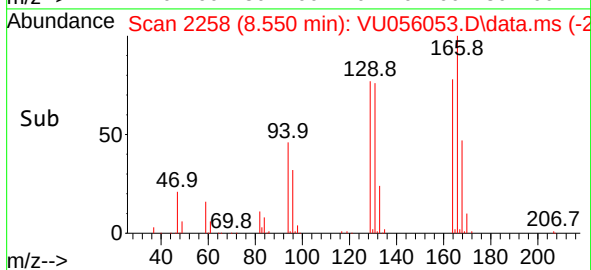
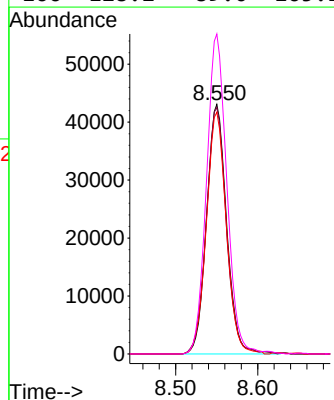
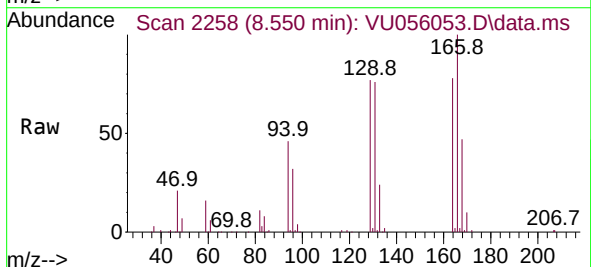


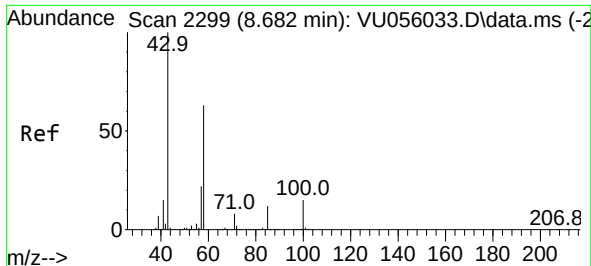
Tgt Ion: 97	Resp: 71367
Ion Ratio	Lower Upper
97 100	
99 62.9	45.3 84.1
83 83.3	61.9 115.1
85 53.8	41.9 77.9



#47
Tetrachloroethene
Concen: 5.212 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU056053.D
Acq: 01 Nov 2023 20:42

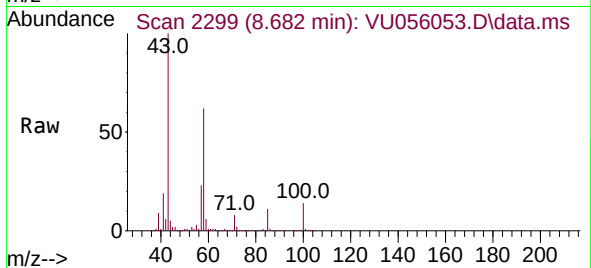
Tgt	Ion:164	Resp:	73184
Ion	Ratio	Lower	Upper
164	100		
129	98.8	72.2	134.0
131	96.9	70.8	131.6
166	128.2	89.0	165.2



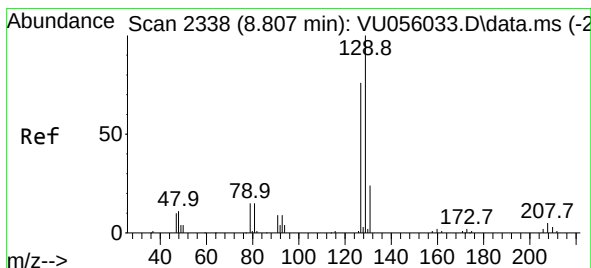
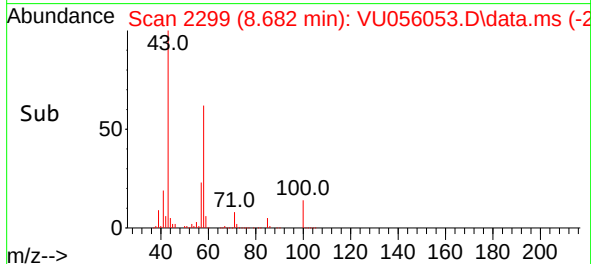
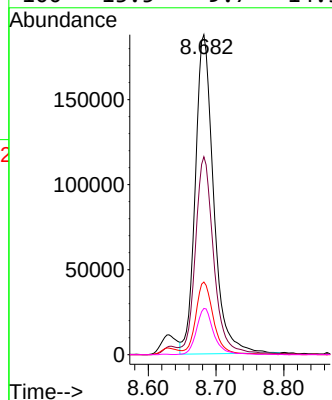


#48
2-Hexanone
Concen: 48.872 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056053.D
Acq: 01 Nov 2023 20:42

Instrument :
MSVOA_U
ClientSampleId :

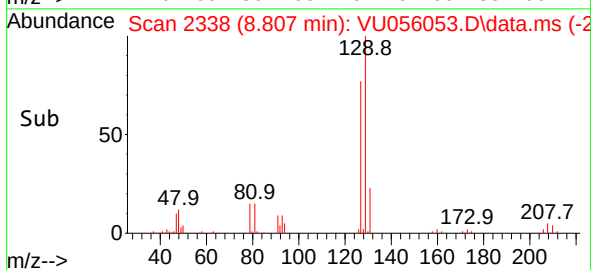
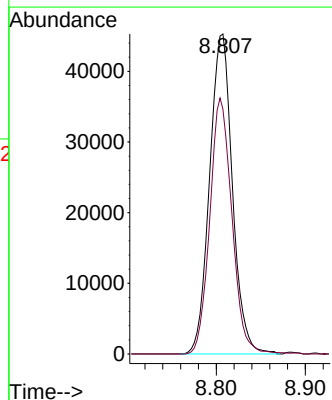
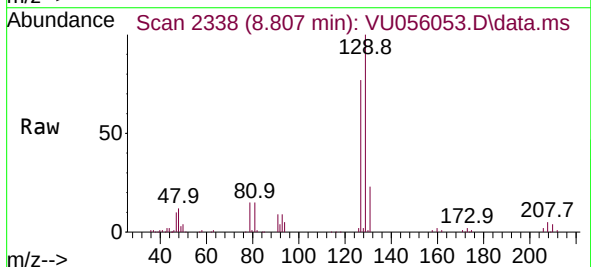


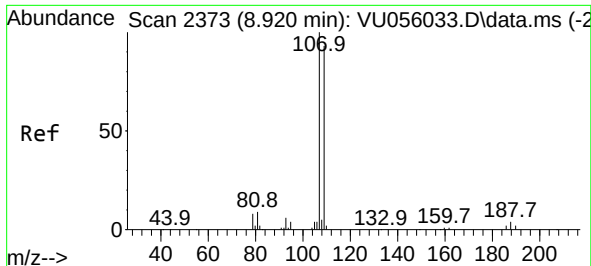
Tgt Ion: 43 Resp: 352561
Ion Ratio Lower Upper
43 100
58 61.1 49.5 74.3
57 21.3 16.9 25.3
100 13.5 9.7 14.5



#49
Dibromochloromethane
Concen: 5.476 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. -0.000 min
Lab File: VU056053.D
Acq: 01 Nov 2023 20:42

Tgt Ion: 129 Resp: 80445
Ion Ratio Lower Upper
129 100
127 76.5 53.5 99.5





#50

1,2-Dibromoethane

Concen: 5.308 ug/L

RT: 8.920 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU056053.D

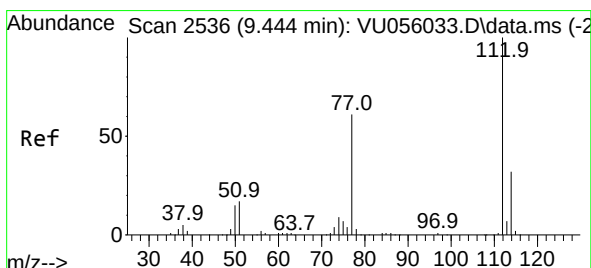
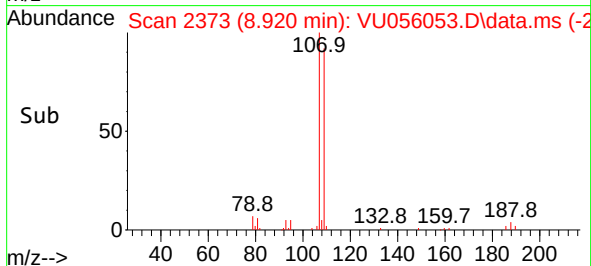
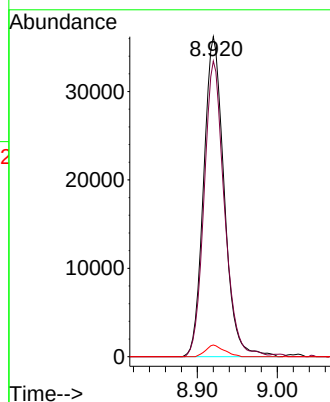
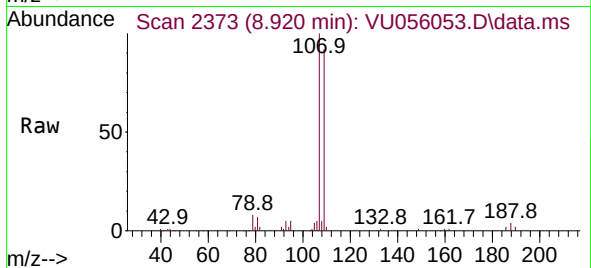
Acq: 01 Nov 2023 20:42

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	64458
Ion	Ratio	Lower	Upper
107	100		
109	92.4	65.0	120.6
188	3.6	2.5	3.7



#51

Chlorobenzene

Concen: 5.158 ug/L

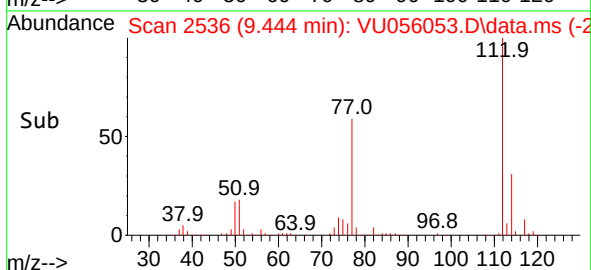
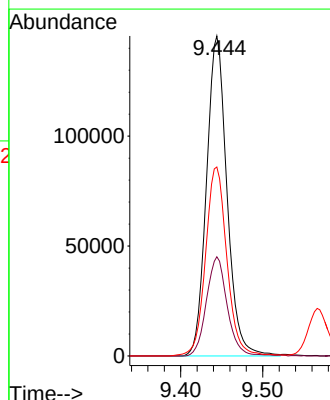
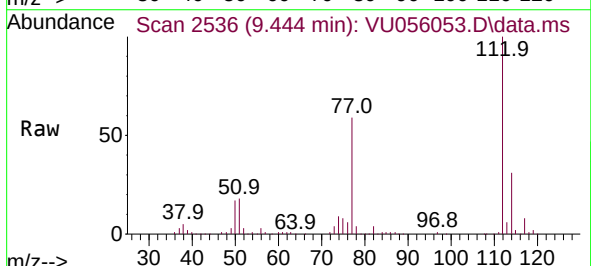
RT: 9.444 min Scan# 2536

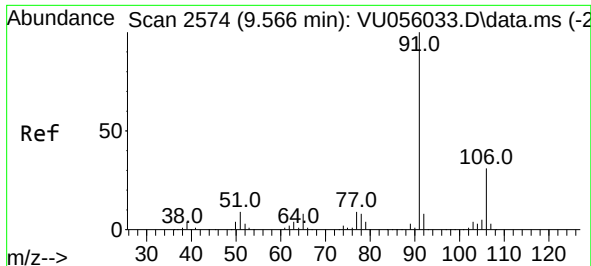
Delta R.T. -0.000 min

Lab File: VU056053.D

Acq: 01 Nov 2023 20:42

Tgt Ion:	112	Resp:	253243
Ion	Ratio	Lower	Upper
112	100		
114	31.0	22.3	41.5
77	59.0	49.9	74.9

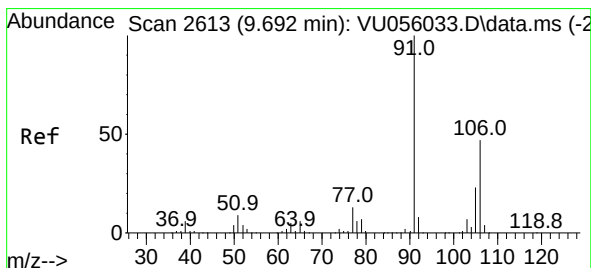
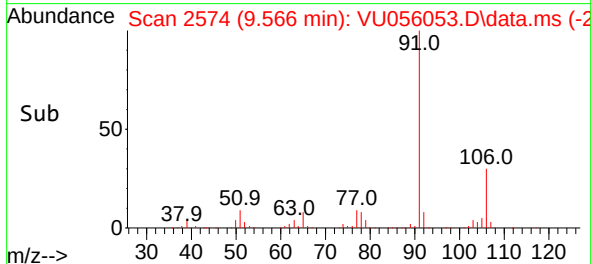
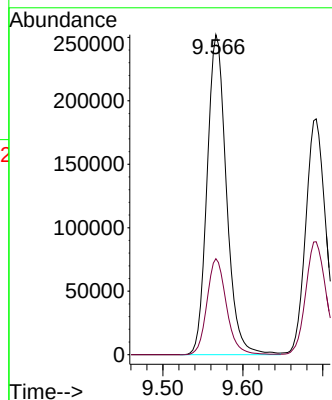
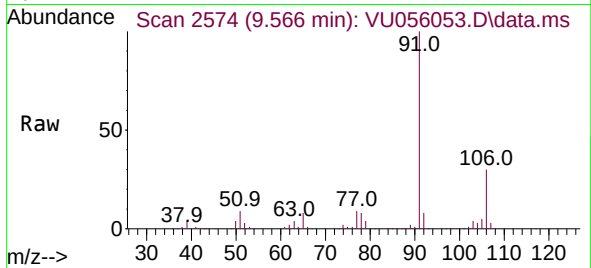




#52
Ethylbenzene
Concen: 5.001 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. -0.000 min
Lab File: VU056053.D
Acq: 01 Nov 2023 20:42

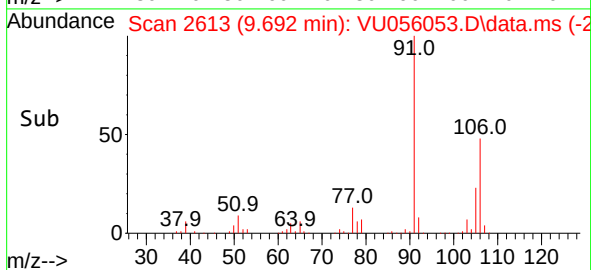
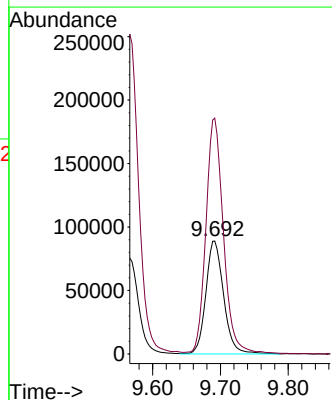
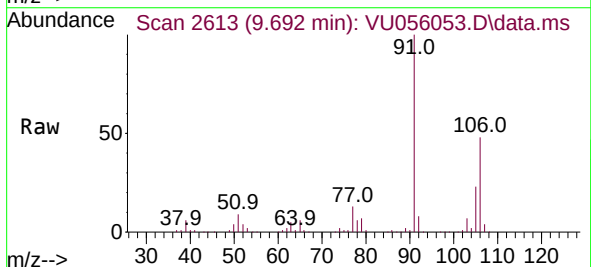
Instrument :
MSVOA_U
ClientSampleId :

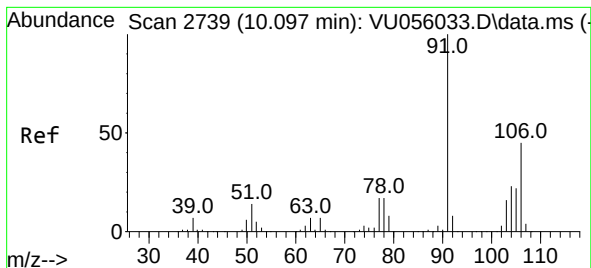
Tgt Ion: 91 Resp: 424729
Ion Ratio Lower Upper
91 100
106 30.0 21.3 39.5



#53
m,p-Xylene
Concen: 5.115 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU056053.D
Acq: 01 Nov 2023 20:42

Tgt Ion: 106 Resp: 162329
Ion Ratio Lower Upper
106 100
91 208.9 150.4 279.2





#54

o-Xylene

Concen: 5.034 ug/L

RT: 10.097 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU056053.D

Acq: 01 Nov 2023 20:42

Instrument :

MSVOA_U

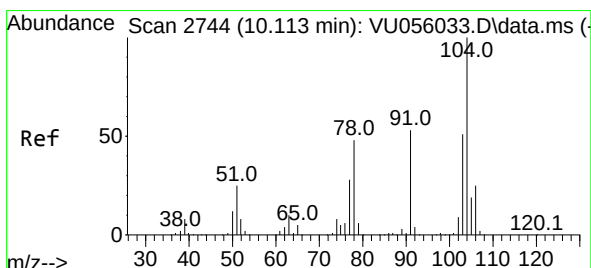
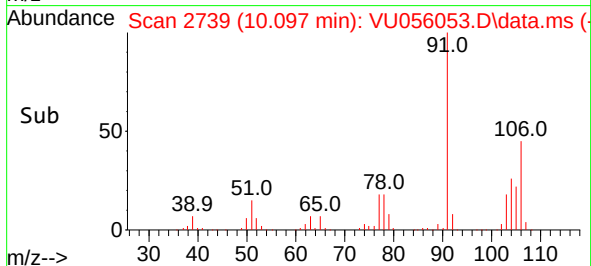
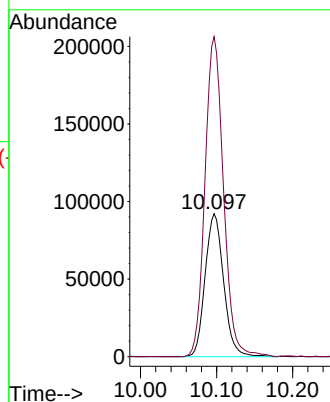
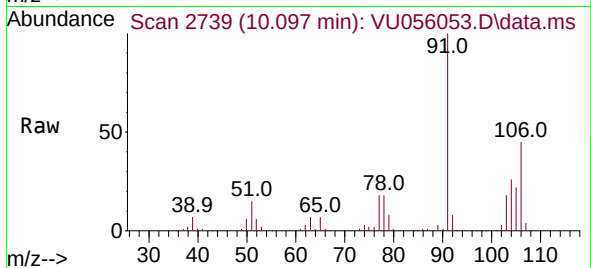
ClientSampleId :

Tgt Ion:106 Resp: 156334

Ion Ratio Lower Upper

106 100

91 223.7 154.6 287.2



#55

Styrene

Concen: 5.298 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. -0.000 min

Lab File: VU056053.D

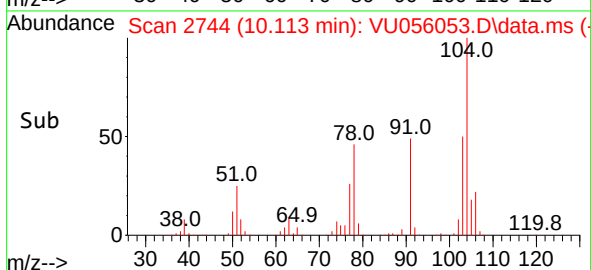
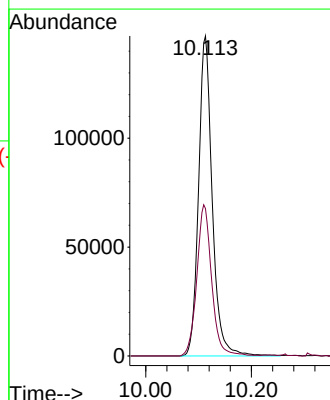
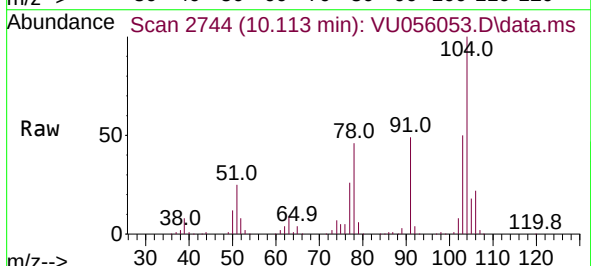
Acq: 01 Nov 2023 20:42

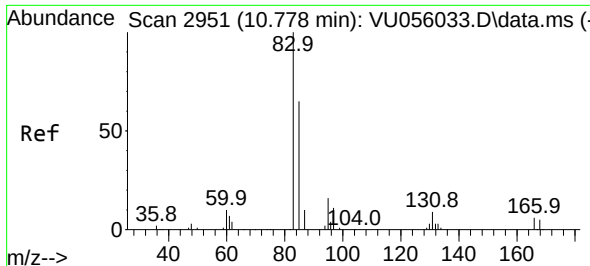
Tgt Ion:104 Resp: 263741

Ion Ratio Lower Upper

104 100

78 46.0 33.9 63.0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.489 ug/L

RT: 10.778 min Scan# 2951

Delta R.T. -0.000 min

Lab File: VU056053.D

Acq: 01 Nov 2023 20:42

Instrument :

MSVOA_U

ClientSampleId :

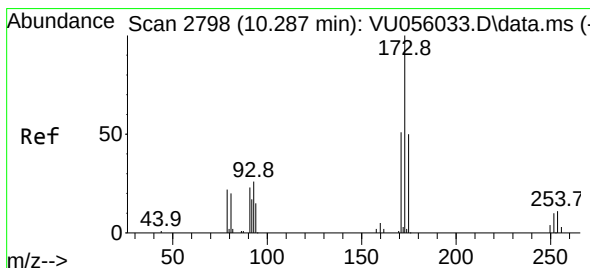
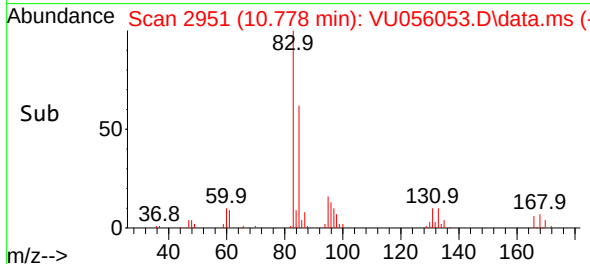
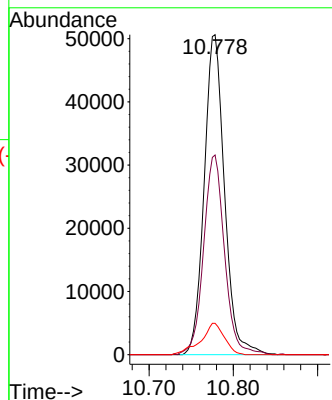
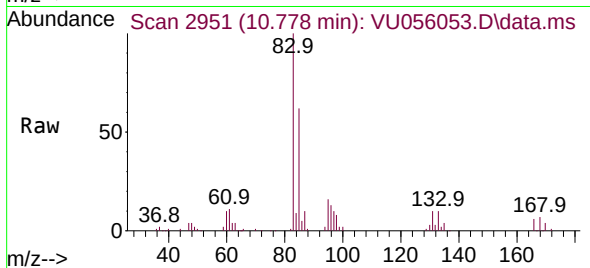
Tgt Ion: 83 Resp: 85031

Ion Ratio Lower Upper

83 100

85 62.4 46.2 85.8

131 9.8 7.2 10.8



#59

Bromoform

Concen: 5.814 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. -0.000 min

Lab File: VU056053.D

Acq: 01 Nov 2023 20:42

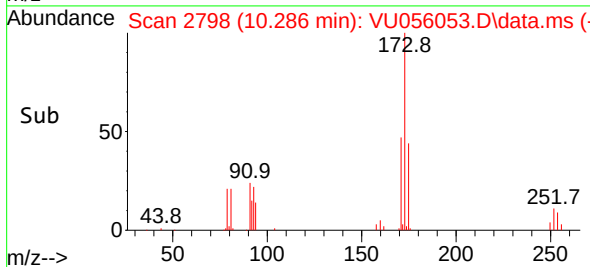
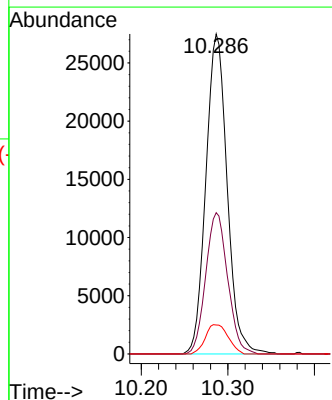
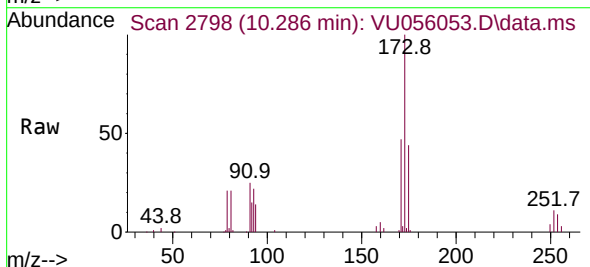
Tgt Ion:173 Resp: 46871

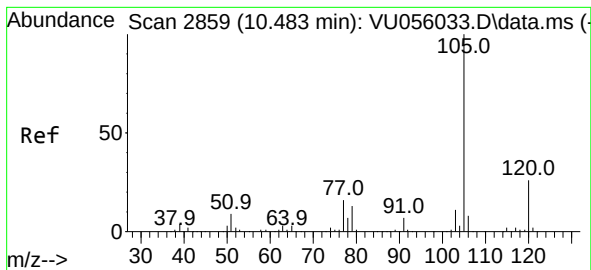
Ion Ratio Lower Upper

173 100

175 45.5 37.8 56.6

254 9.8 7.4 11.0





#60

Isopropylbenzene

Concen: 5.340 ug/L

RT: 10.479 min Scan# 2859

Delta R.T. -0.003 min

Lab File: VU056053.D

Acq: 01 Nov 2023 20:42

Instrument :

MSVOA_U

ClientSampleId :

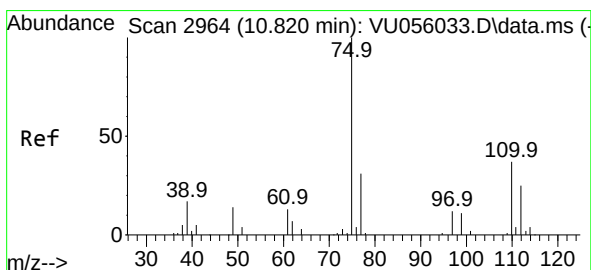
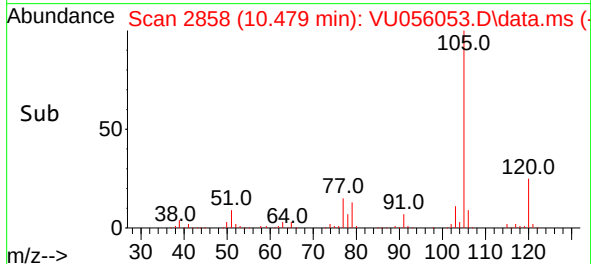
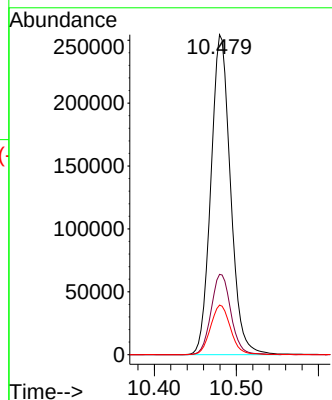
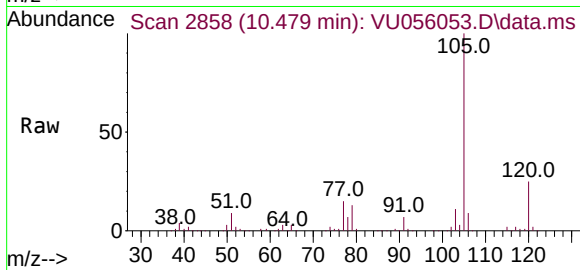
Tgt Ion:105 Resp: 421684

Ion Ratio Lower Upper

105 100

120 25.4 20.2 30.4

77 15.8 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 5.301 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. -0.003 min

Lab File: VU056053.D

Acq: 01 Nov 2023 20:42

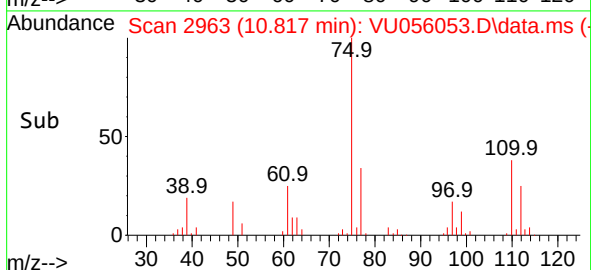
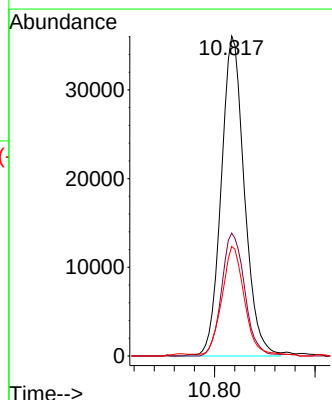
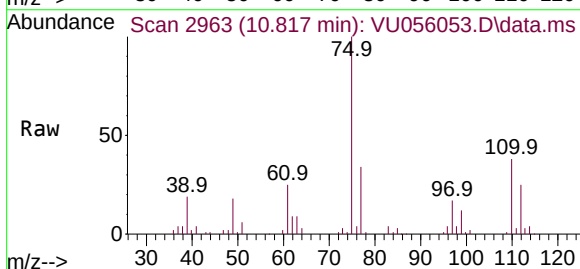
Tgt Ion: 75 Resp: 57677

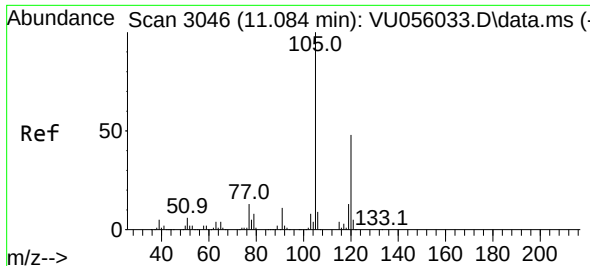
Ion Ratio Lower Upper

75 100

110 38.5 29.0 43.6

77 33.9 24.5 36.7

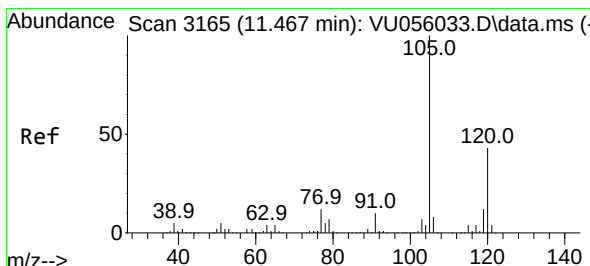
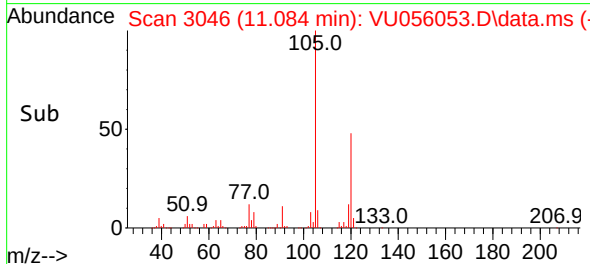
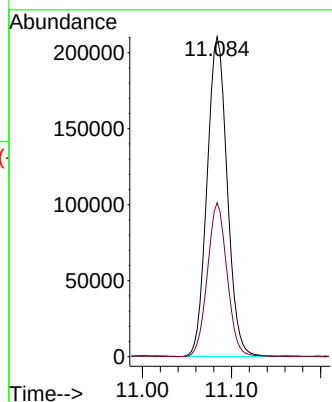
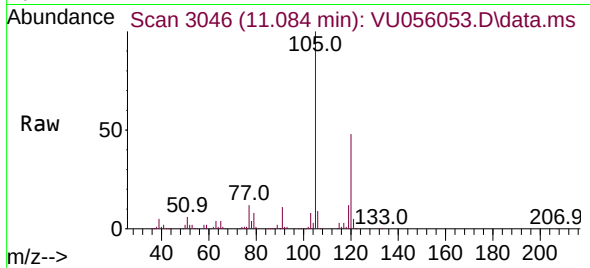




#62
1,3,5-Trimethylbenzene
Concen: 5.110 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU056053.D
Acq: 01 Nov 2023 20:42

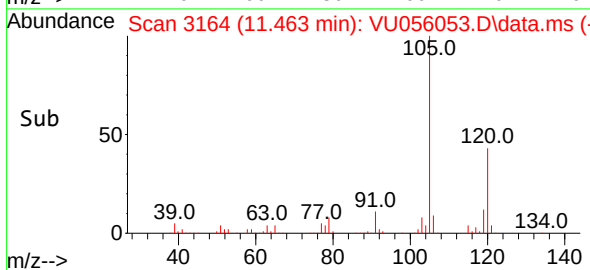
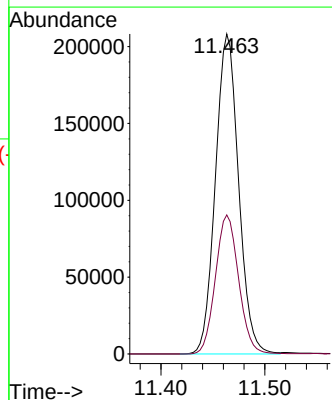
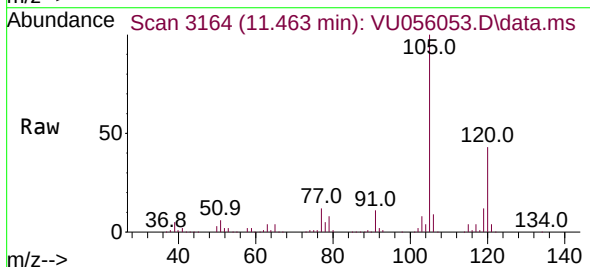
Instrument :
MSVOA_U
ClientSampleId :

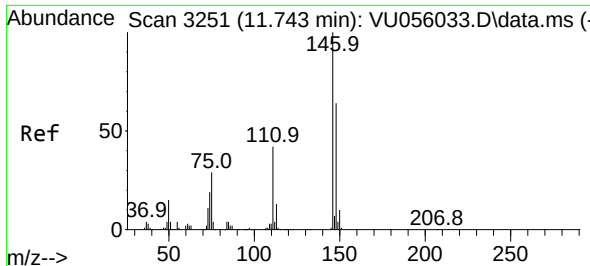
Tgt Ion:105 Resp: 329751
Ion Ratio Lower Upper
105 100
120 47.1 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 5.378 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.003 min
Lab File: VU056053.D
Acq: 01 Nov 2023 20:42

Tgt Ion:105 Resp: 322456
Ion Ratio Lower Upper
105 100
120 43.5 34.6 52.0

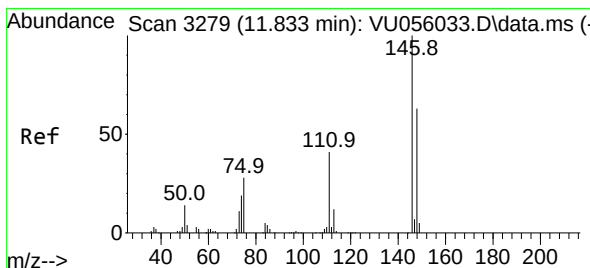
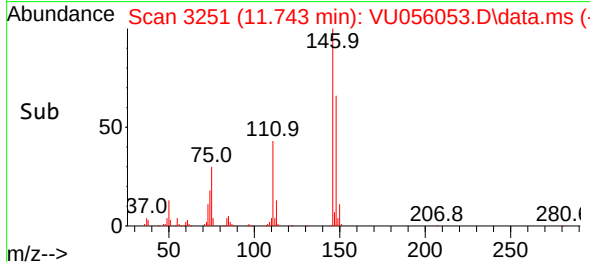
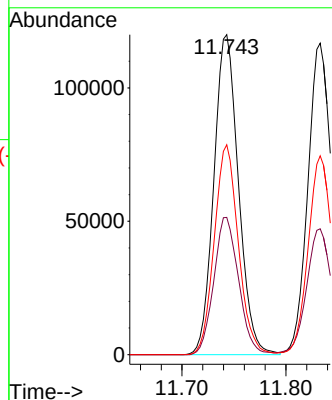
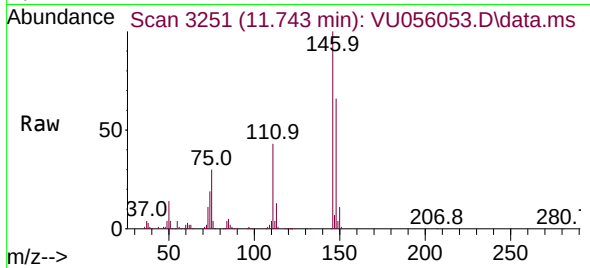




#64
1,3-Dichlorobenzene
Concen: 5.277 ug/L
RT: 11.743 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU056053.D
Acq: 01 Nov 2023 20:42

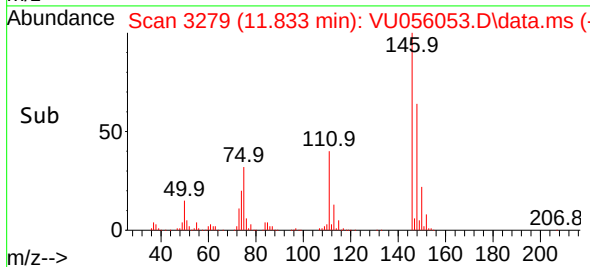
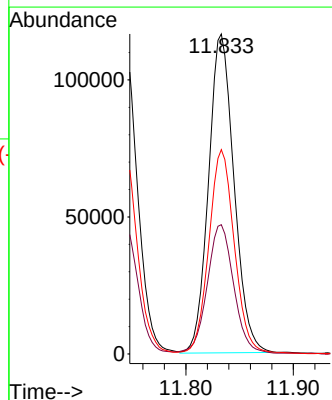
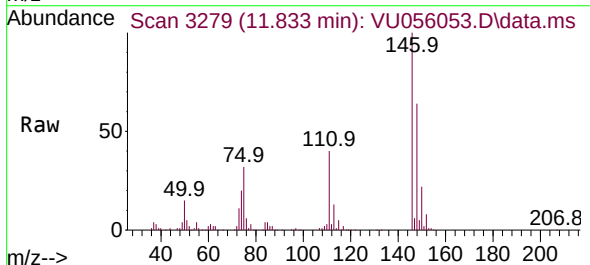
Instrument :
MSVOA_U
ClientSampleId :

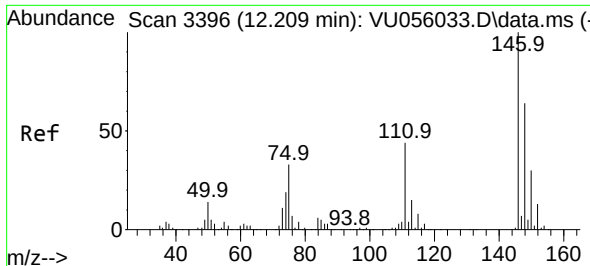
Tgt Ion:146 Resp: 197528
Ion Ratio Lower Upper
146 100
111 42.9 31.1 57.9
148 65.6 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 5.126 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU056053.D
Acq: 01 Nov 2023 20:42

Tgt Ion:146 Resp: 191496
Ion Ratio Lower Upper
146 100
111 40.4 29.3 54.3
148 63.8 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 5.271 ug/L

RT: 12.209 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU056053.D

Acq: 01 Nov 2023 20:42

Instrument :

MSVOA_U

ClientSampleId :

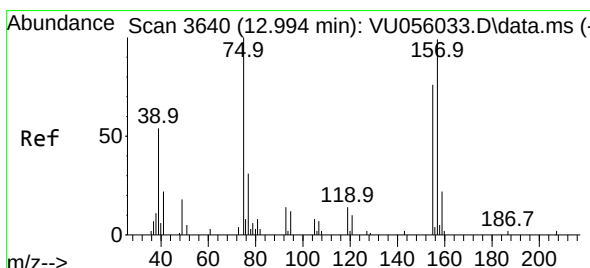
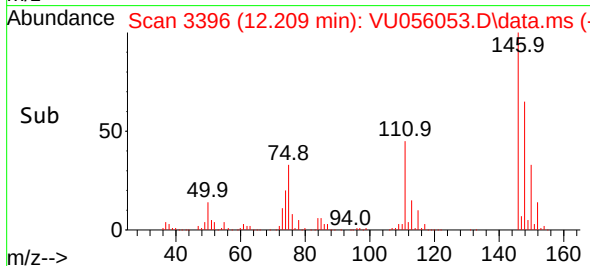
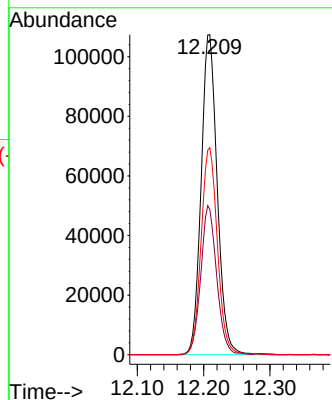
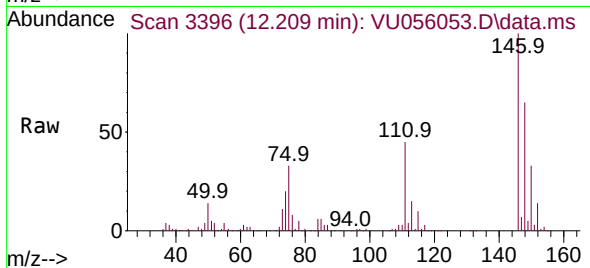
Tgt Ion:146 Resp: 181160

Ion Ratio Lower Upper

146 100

111 45.4 36.7 55.1

148 64.7 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.994 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.003 min

Lab File: VU056053.D

Acq: 01 Nov 2023 20:42

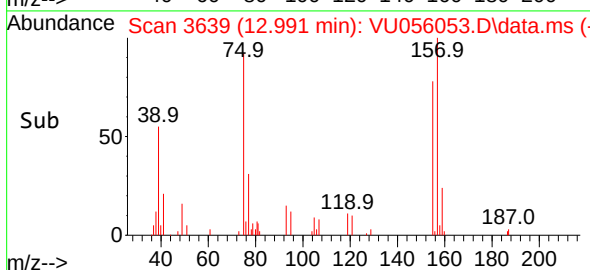
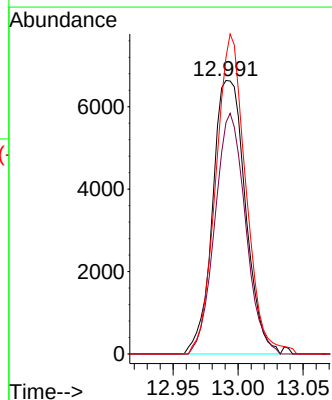
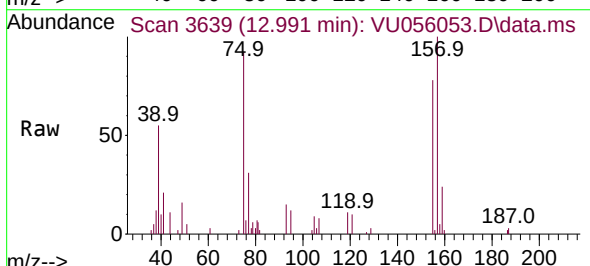
Tgt Ion: 75 Resp: 11637

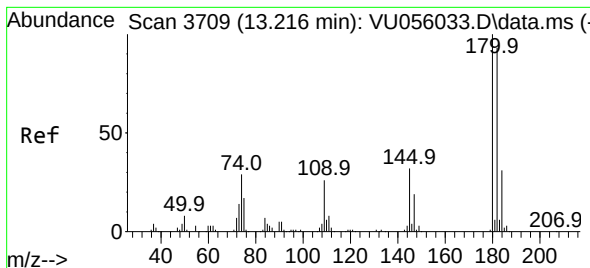
Ion Ratio Lower Upper

75 100

155 84.6 65.3 97.9

157 108.4 87.9 131.9





#69

1,3,5-Trichlorobenzene

Concen: 5.255 ug/L

RT: 13.216 min Scan# 31

Delta R.T. -0.000 min

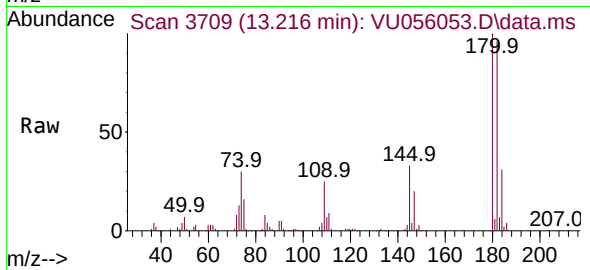
Lab File: VU056053.D

Acq: 01 Nov 2023 20:42

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 134433

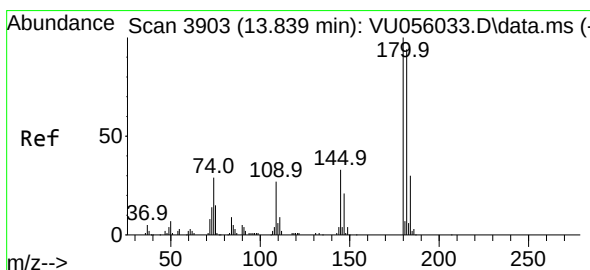
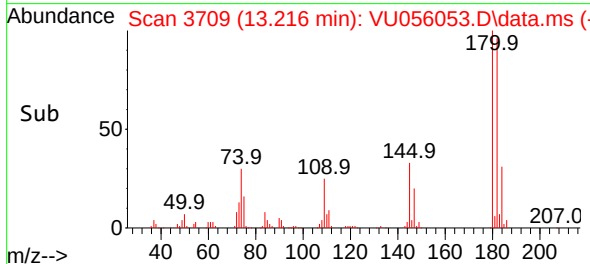
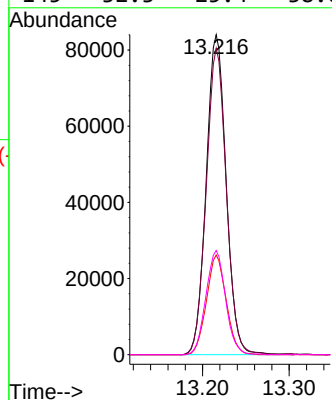
Ion Ratio Lower Upper

180 100

182 96.3 74.7 112.1

184 30.8 23.8 35.8

145 32.3 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 5.547 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.003 min

Lab File: VU056053.D

Acq: 01 Nov 2023 20:42

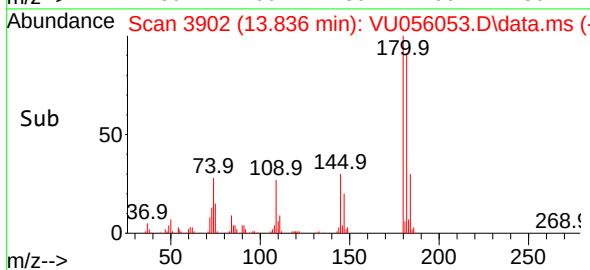
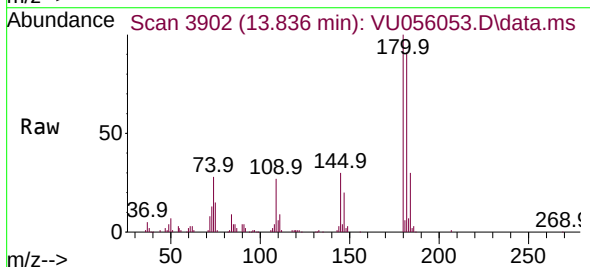
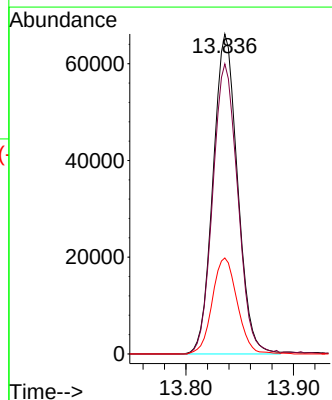
Tgt Ion:180 Resp: 104884

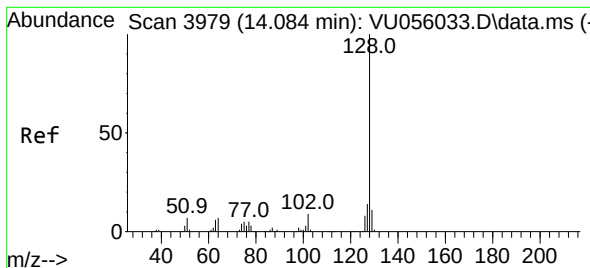
Ion Ratio Lower Upper

180 100

182 92.4 76.1 114.1

145 30.6 26.4 39.6





#71

Naphthalene

Concen: 5.240 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. -0.000 min

Lab File: VU056053.D

Acq: 01 Nov 2023 20:42

Instrument :

MSVOA_U

ClientSampleId :

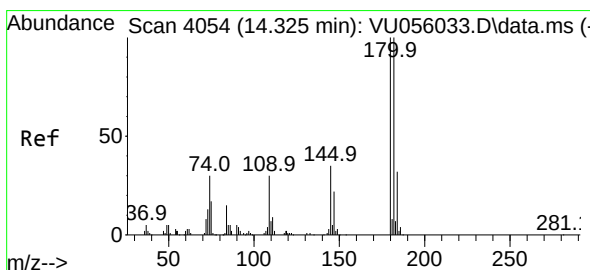
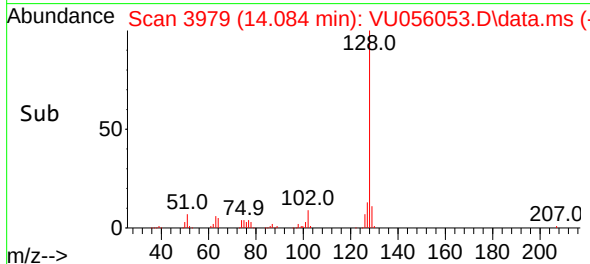
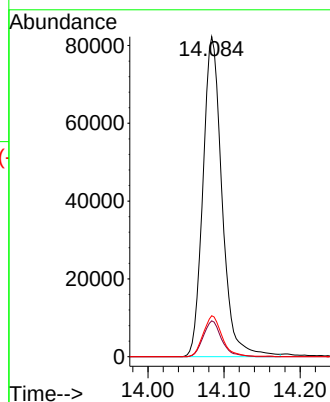
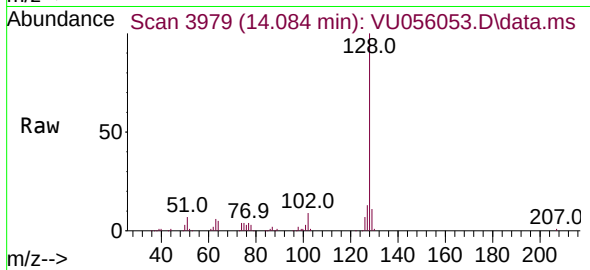
Tgt Ion:128 Resp: 143480

Ion Ratio Lower Upper

128 100

129 10.8 8.3 12.5

127 12.6 10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 5.279 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU056053.D

Acq: 01 Nov 2023 20:42

Tgt Ion:180 Resp: 86058

Ion Ratio Lower Upper

180 100

182 96.1 74.6 112.0

145 34.4 27.4 41.2

