

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090123\
 Data File : VU055081.D
 Acq On : 02 Sep 2023 07:56
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 04 01:37:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 02 00:23:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	179323	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	182322	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	105240	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	40791	4.853	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.000%
7) Chloroethane-d5	1.911	69	50921	5.234	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.600%
11) 1,1-Dichloroethene-d2	2.560	65	25155	5.253	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.000%
20) 2-Butanone-d5	4.628	46	156036	63.977	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.960%
24) Chloroform-d	5.062	84	121830	5.463	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.200%
26) 1,2-Dichloroethane-d4	5.698	65	61840	5.542	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.800%
32) Benzene-d6	5.724	84	237128	5.269	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.400%
36) 1,2-Dichloropropane-d6	6.689	67	77056	5.383	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.600%
41) Toluene-d8	7.894	98	220386	5.316	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.400%
43) trans-1,3-Dichloroprop...	8.177	79	20253	5.138	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.800%
46) 2-Hexanone-d5	8.631	63	103080	64.411	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	128.820%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	58989	5.860	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	78231	5.093	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	57307	5.499	ug/L	97
3) Chloromethane	1.518	50	55991	5.278	ug/L	99
5) Vinyl chloride	1.602	62	61400	5.486	ug/L	98
6) Bromomethane	1.856	94	25364	3.758	ug/L	98
8) Chloroethane	1.930	64	42084	5.775	ug/L	100
9) Trichlorofluoromethane	2.136	101	83568	5.135	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	50241	5.306	ug/L	98
12) 1,1-Dichloroethene	2.576	96	44159	5.327	ug/L	96
13) Acetone	2.634	43	90034	55.079	ug/L	100
14) Carbon disulfide	2.788	76	106541	5.248	ug/L	98
15) Methyl Acetate	2.956	43	21162	6.325	ug/L	98
16) Methylene chloride	3.039	84	72616	5.732	ug/L	97
17) Methyl tert-butyl Ether	3.361	73	132131	6.077	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	46680	5.550	ug/L	91
19) 1,1-Dichloroethane	3.866	63	102121	5.618	ug/L	98
21) 2-Butanone	4.708	43	151367	63.025	ug/L	100
22) cis-1,2-Dichloroethene	4.663	96	57875	5.621	ug/L	95
23) Bromochloromethane	4.972	128	24325	5.744	ug/L	97
25) Chloroform	5.084	83	105131	5.553	ug/L	95

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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 02 00:23:04 2023
 Response via : Initial Calibration

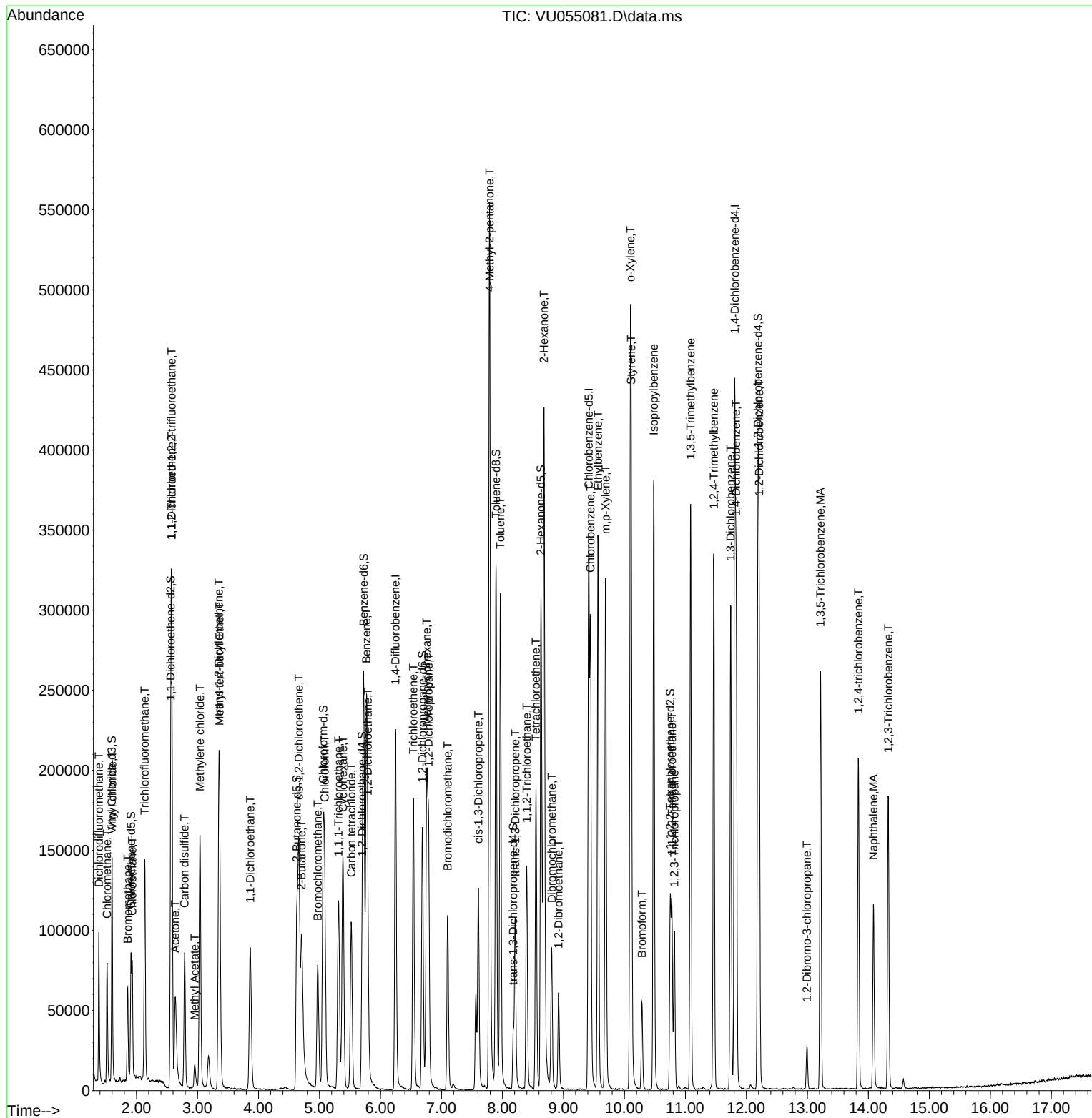
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	65862	5.700	ug/L	98
29) 1,1,1-Trichloroethane	5.312	97	85499	5.421	ug/L	99
30) Cyclohexane	5.386	56	72456	5.166	ug/L	100
31) Carbon tetrachloride	5.521	117	69194	5.276	ug/L	97
33) Benzene	5.769	78	214647	5.532	ug/L	100
34) Trichloroethene	6.541	95	60694	5.628	ug/L	98
35) Methylcyclohexane	6.759	83	74640	4.933	ug/L	98
37) 1,2-Dichloropropane	6.788	63	59145	5.598	ug/L #	98
38) Bromodichloromethane	7.103	83	71160	5.642	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	74441	5.181	ug/L	95
40) 4-Methyl-2-pentanone	7.788	43	368252	61.109	ug/L	99
42) Toluene	7.965	91	225530	5.452	ug/L	100
44) trans-1,3-Dichloropropene	8.209	75	60176	5.336	ug/L	99
45) 1,1,2-Trichloroethane	8.399	97	44578	6.265	ug/L	91
47) Tetrachloroethene	8.550	164	38248	5.132	ug/L	97
48) 2-Hexanone	8.682	43	276145	58.503	ug/L	97
49) Dibromochloromethane	8.807	129	42912	5.525	ug/L	99
50) 1,2-Dibromoethane	8.920	107	39696	6.126	ug/L #	90
51) Chlorobenzene	9.444	112	147571	5.386	ug/L	100
52) Ethylbenzene	9.566	91	246148	5.319	ug/L	99
53) m,p-Xylene	9.692	106	89226	5.210	ug/L	99
54) o-Xylene	10.100	106	89965	5.339	ug/L	98
55) Styrene	10.113	104	149057	5.356	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	54056	6.099	ug/L	95
59) Bromoform	10.287	173	22517	5.355	ug/L	96
60) Isopropylbenzene	10.483	105	243669	4.965	ug/L	100
61) 1,2,3-Trichloropropane	10.820	75	40306	5.771	ug/L	99
62) 1,3,5-Trimethylbenzene	11.087	105	199230	4.880	ug/L	98
63) 1,2,4-Trimethylbenzene	11.467	105	184193	4.578	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	113888	4.834	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	113580	4.837	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	105228	4.764	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	7126	5.297	ug/L	97
69) 1,3,5-Trichlorobenzene	13.216	180	76918	4.320	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	59145	3.543	ug/L	97
71) Naphthalene	14.084	128	91056	3.001	ug/L	98
72) 1,2,3-Trichlorobenzene	14.328	180	51942	3.585	ug/L	97

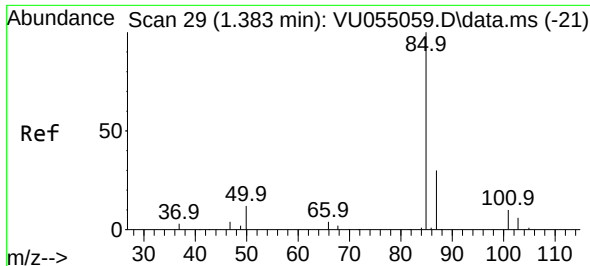
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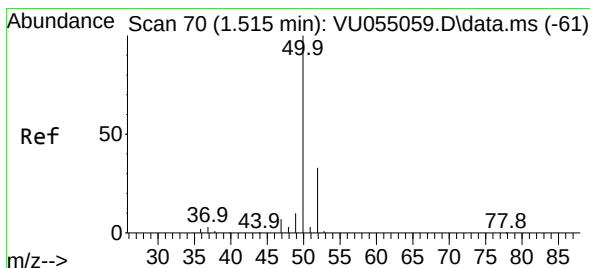
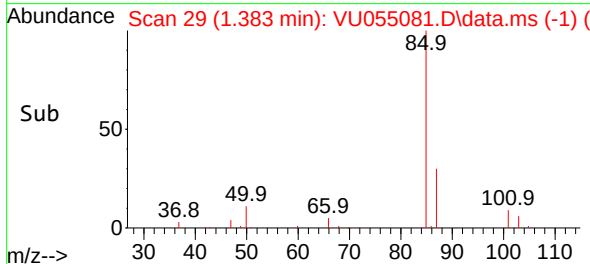
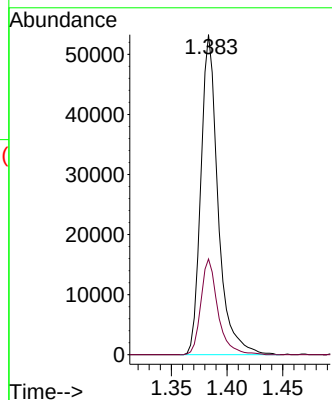
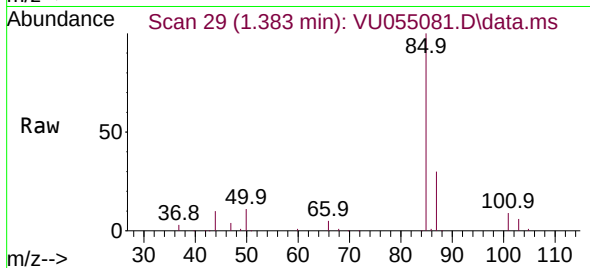




#2
 Dichlorodifluoromethane
 Concen: 5.499 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU055081.D
 Acq: 02 Sep 2023 07:56

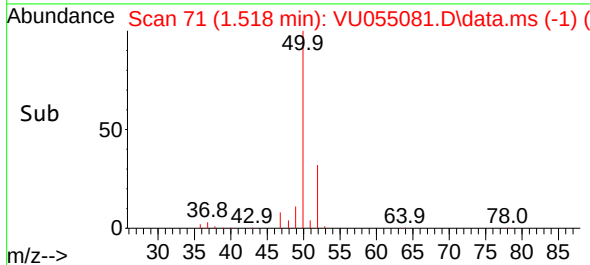
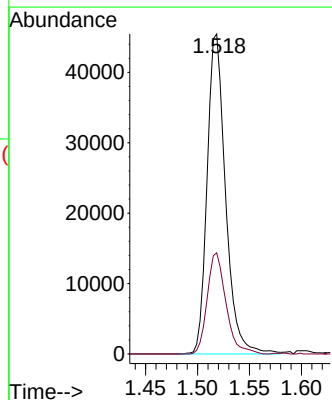
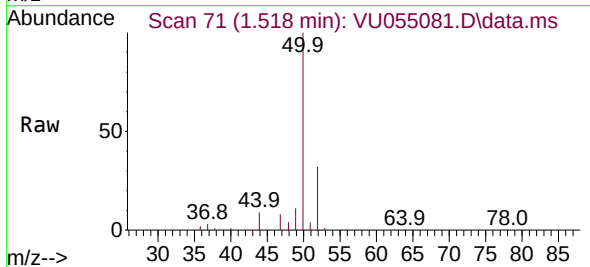
Instrument :
 MSVOA_U
 ClientSampleId :

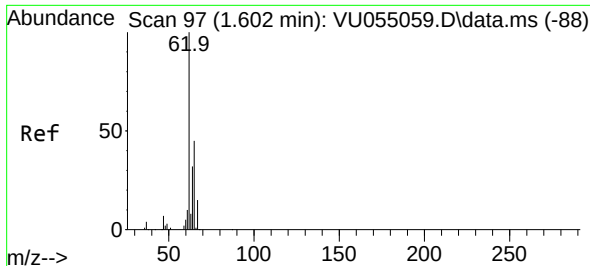
Tgt Ion: 85 Resp: 57307
 Ion Ratio Lower Upper
 85 100
 87 29.5 25.1 37.7



#3
 Chloromethane
 Concen: 5.278 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU055081.D
 Acq: 02 Sep 2023 07:56

Tgt Ion: 50 Resp: 55991
 Ion Ratio Lower Upper
 50 100
 52 31.6 22.5 41.7

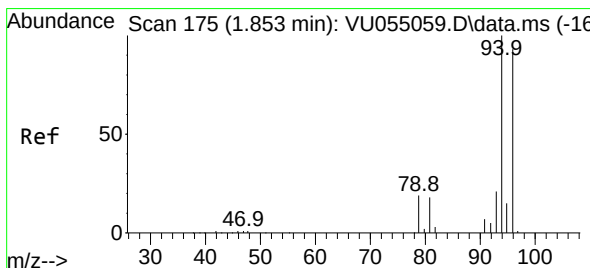
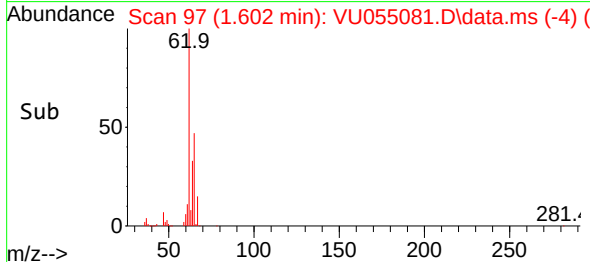
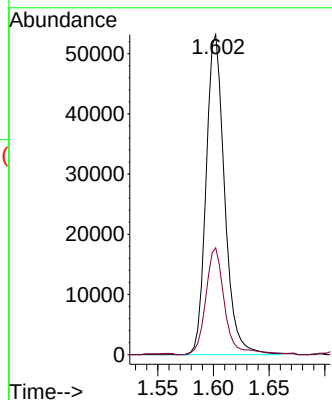
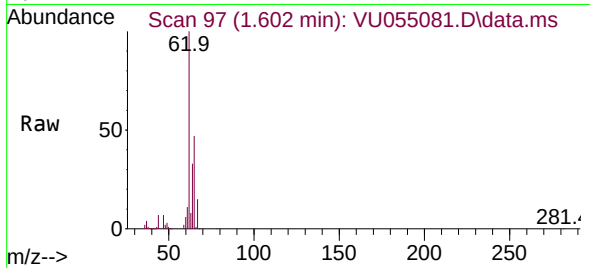




#5
 Vinyl chloride
 Concen: 5.486 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU055081.D
 Acq: 02 Sep 2023 07:56

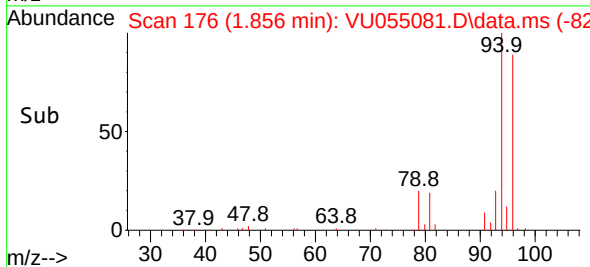
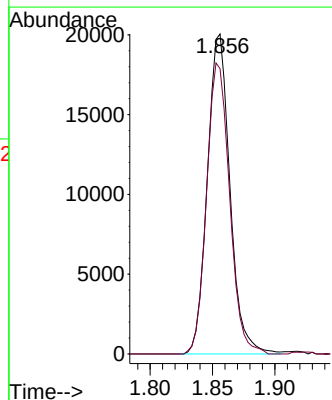
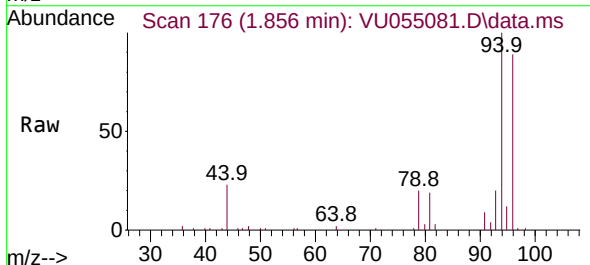
Instrument :
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 ClientSampleId :

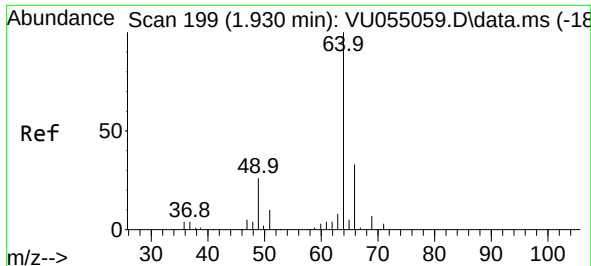
Tgt Ion: 62 Resp: 61400
 Ion Ratio Lower Upper
 62 100
 64 33.4 24.2 45.0



#6
 Bromomethane
 Concen: 3.758 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. 0.003 min
 Lab File: VU055081.D
 Acq: 02 Sep 2023 07:56

Tgt Ion: 94 Resp: 25364
 Ion Ratio Lower Upper
 94 100
 96 89.2 63.8 118.4





#8

Chloroethane

Concen: 5.775 ug/L

RT: 1.930 min Scan# 199

Delta R.T. 0.000 min

Lab File: VU055081.D

Acq: 02 Sep 2023 07:56

Instrument :

MSVOA_U

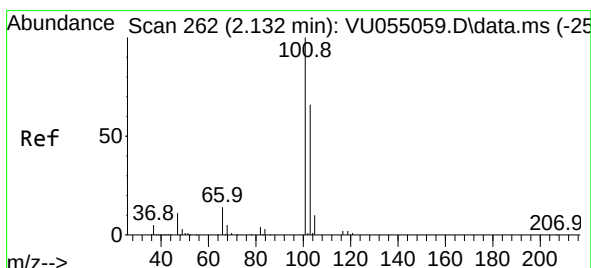
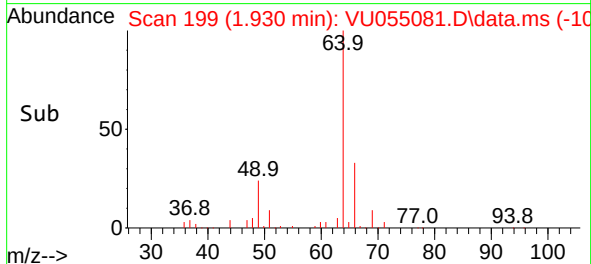
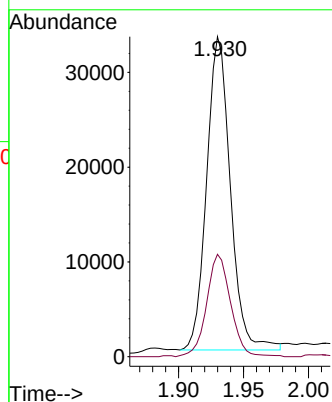
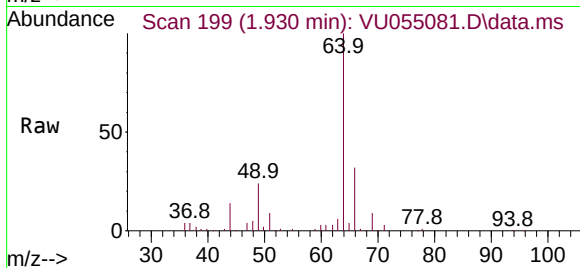
ClientSampleId :

Tgt Ion: 64 Resp: 42084

Ion Ratio Lower Upper

64 100

66 32.0 22.4 41.6



#9

Trichlorofluoromethane

Concen: 5.135 ug/L

RT: 2.136 min Scan# 263

Delta R.T. 0.003 min

Lab File: VU055081.D

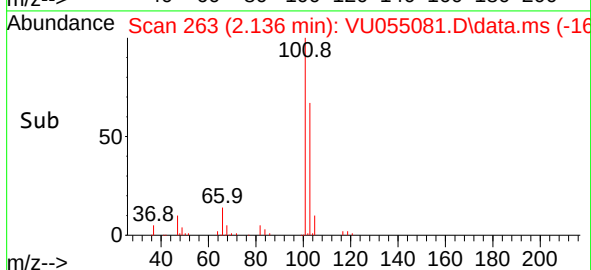
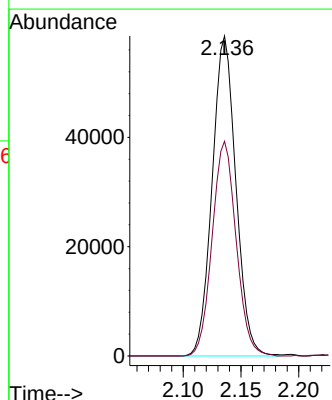
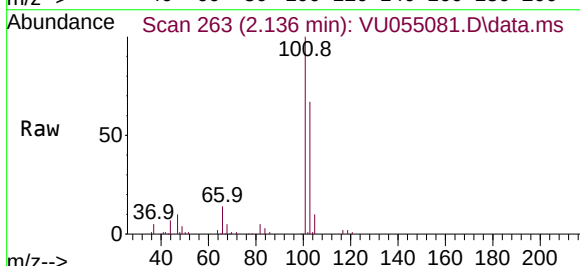
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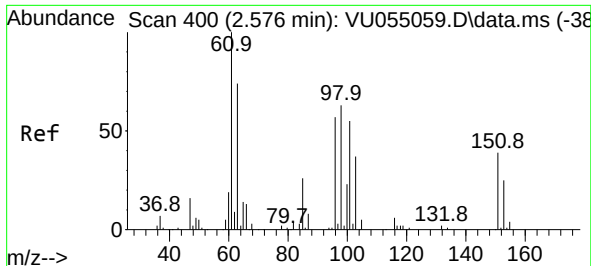
Tgt Ion:101 Resp: 83568

Ion Ratio Lower Upper

101 100

103 68.0 51.9 77.9

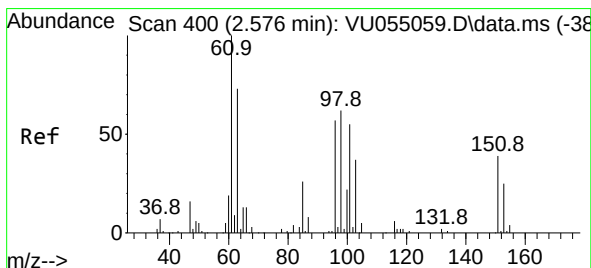
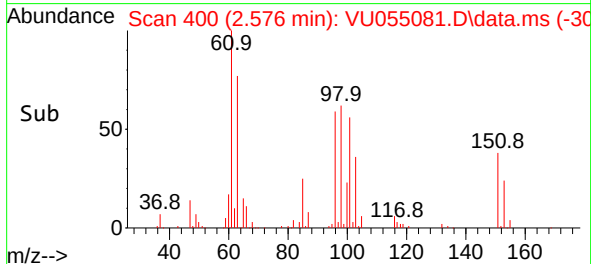
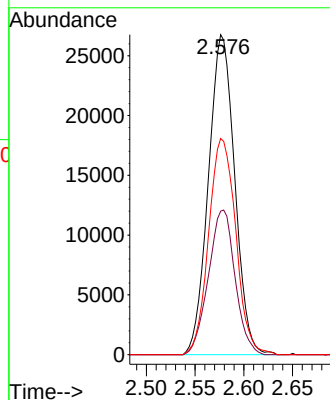
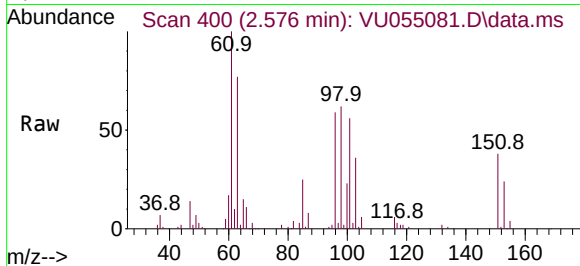




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.306 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU055081.D
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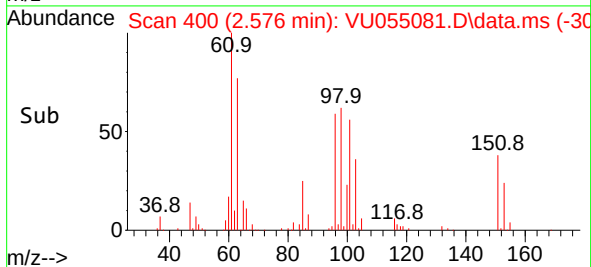
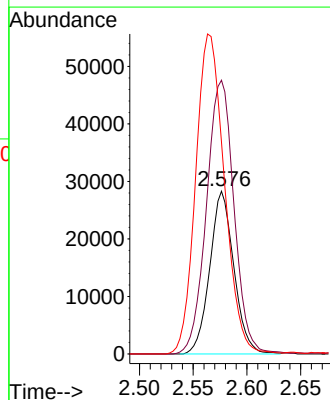
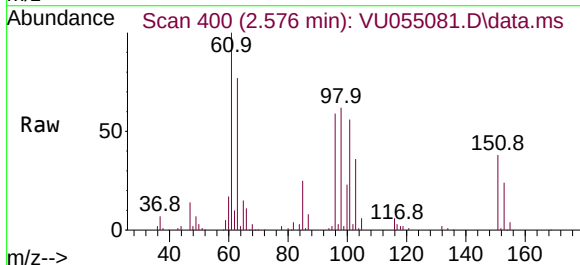
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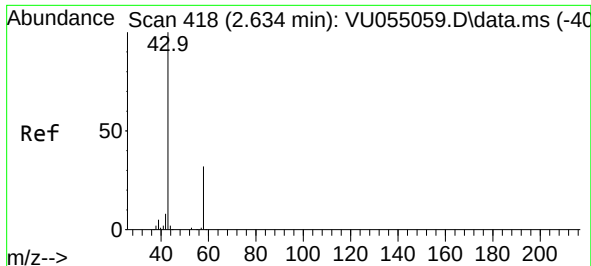
Tgt Ion:101 Resp: 50241
 Ion Ratio Lower Upper
 101 100
 85 45.8 37.3 55.9
 151 69.7 57.6 86.4



#12
 1,1-Dichloroethene
 Concen: 5.327 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU055081.D
 Acq: 02 Sep 2023 07:56

Tgt Ion: 96 Resp: 44159
 Ion Ratio Lower Upper
 96 100
 61 168.2 120.8 224.4
 63 130.2 94.5 175.5





#13

Acetone

Concen: 55.079 ug/L

RT: 2.634 min Scan# 418

Delta R.T. 0.000 min

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Instrument :

MSVOA_U

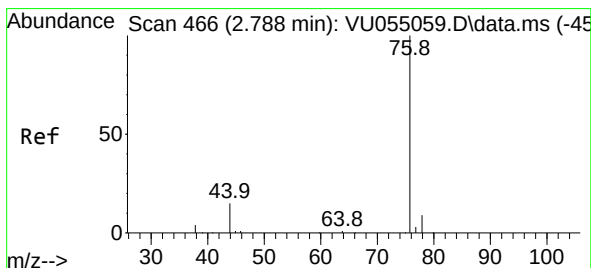
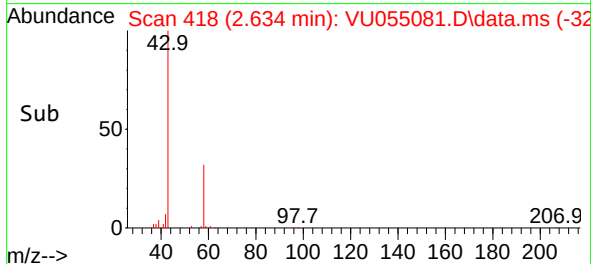
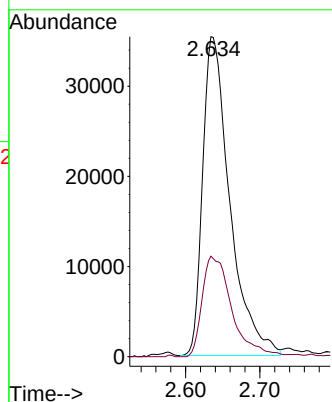
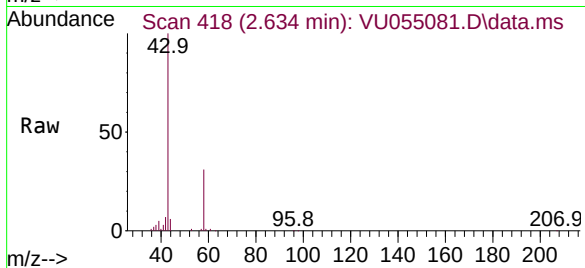
ClientSampleId :

Tgt Ion: 43 Resp: 90034

Ion Ratio Lower Upper

43 100

58 34.2 0.0 67.8



#14

Carbon disulfide

Concen: 5.248 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU055081.D

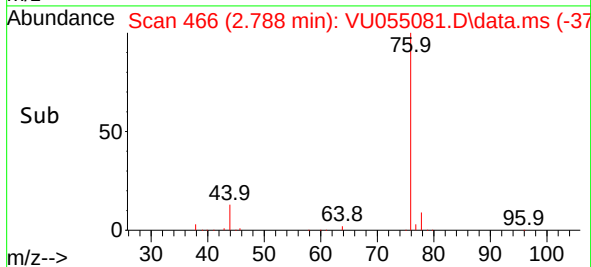
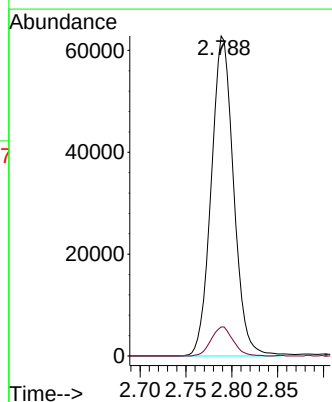
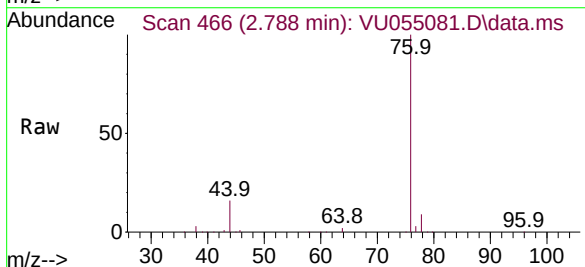
Acq: 02 Sep 2023 07:56

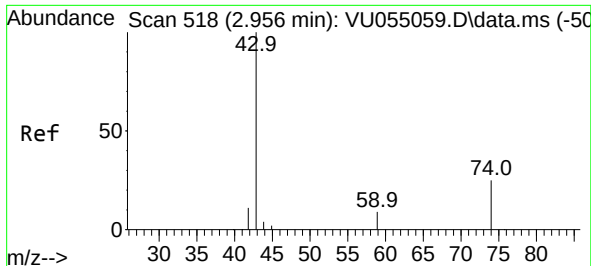
Tgt Ion: 76 Resp: 106541

Ion Ratio Lower Upper

76 100

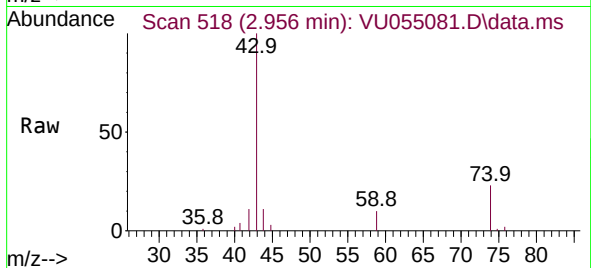
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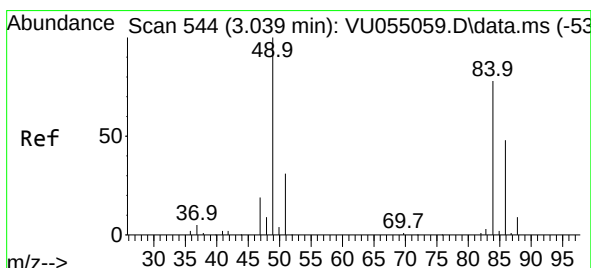
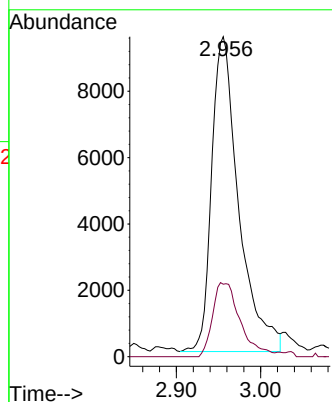
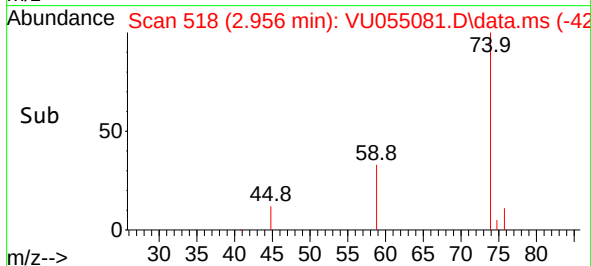


#15
Methyl Acetate
Concen: 6.325 ug/L
RT: 2.956 min Scan# 518
Delta R.T. 0.000 min
Lab File: VU055081.D
Acq: 02 Sep 2023 07:56

Instrument :
MSVOA_U
ClientSampleId :

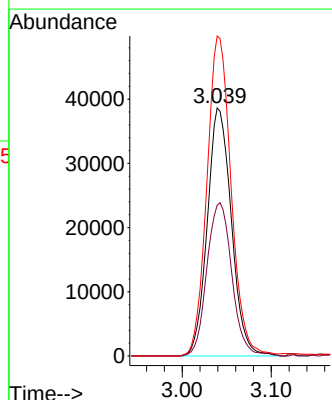
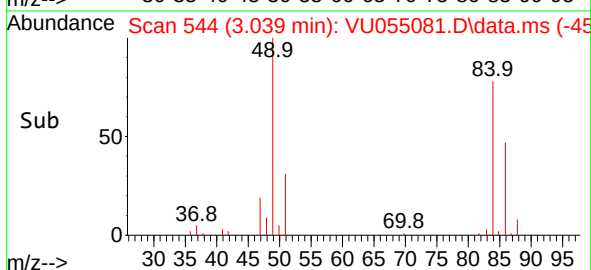
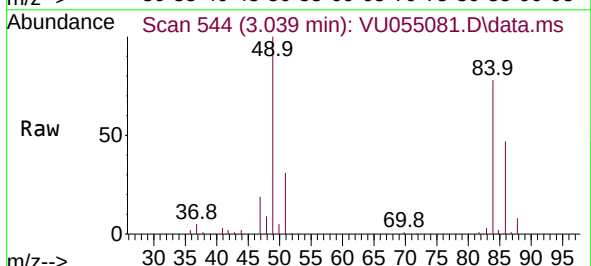


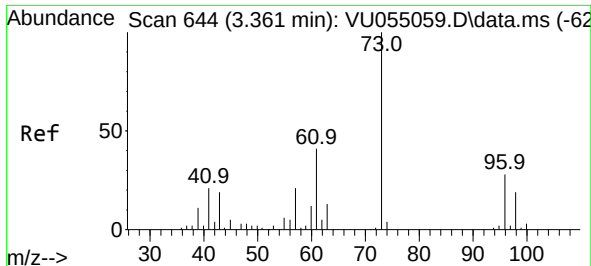
Tgt Ion: 43 Resp: 21162
Ion Ratio Lower Upper
43 100
74 23.8 18.4 27.6



#16
Methylene chloride
Concen: 5.732 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU055081.D
Acq: 02 Sep 2023 07:56

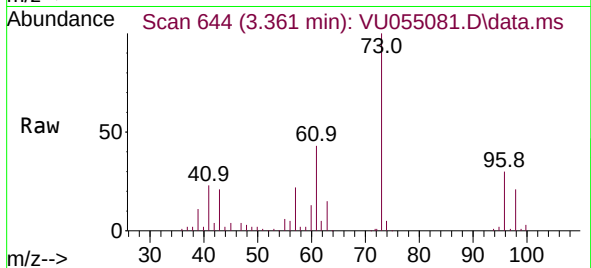
Tgt Ion: 84 Resp: 72616
Ion Ratio Lower Upper
84 100
86 60.7 43.4 80.6
49 129.0 87.7 162.9



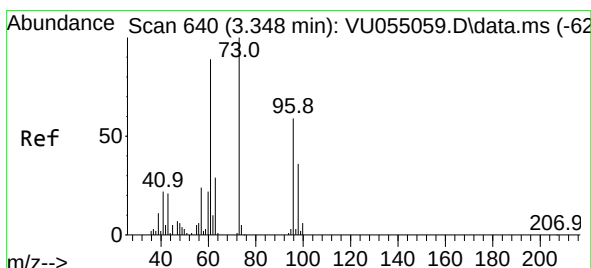
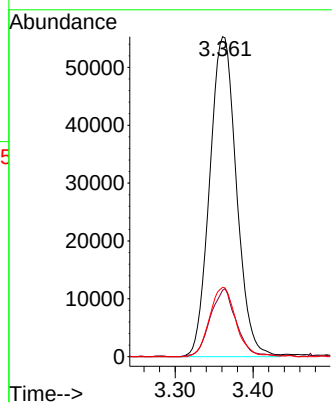
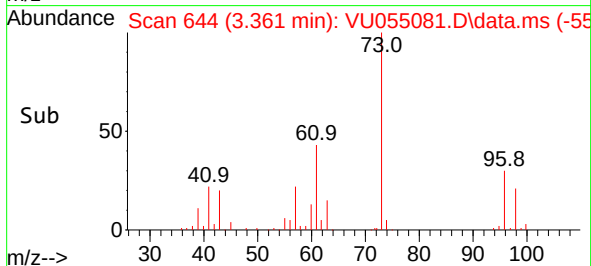


#17
Methyl tert-butyl Ether
Concen: 6.077 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU055081.D
Acq: 02 Sep 2023 07:56

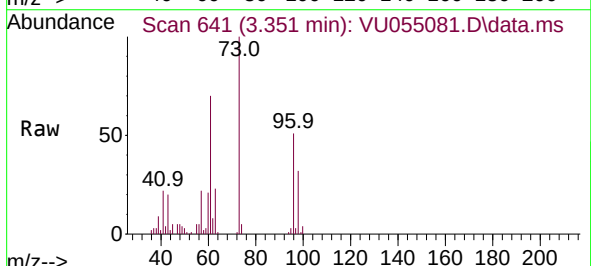
Instrument :
MSVOA_U
ClientSampleId :



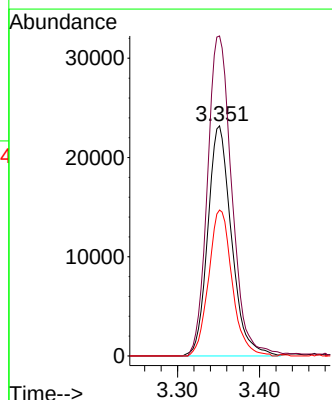
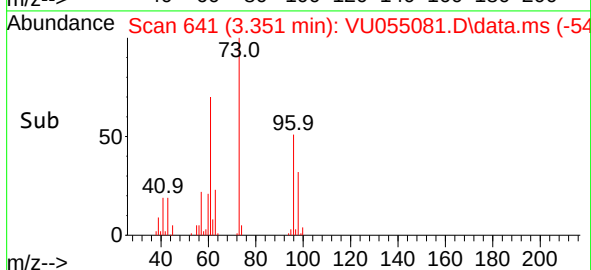
Tgt Ion: 73 Resp: 132131
Ion Ratio Lower Upper
73 100
43 20.7 16.2 24.2
57 21.4 17.4 26.2

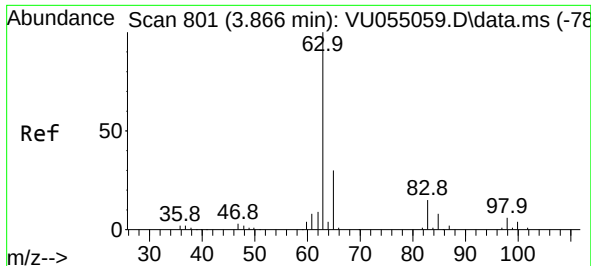


#18
trans-1,2-Dichloroethene
Concen: 5.550 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU055081.D
Acq: 02 Sep 2023 07:56



Tgt Ion: 96 Resp: 46680
Ion Ratio Lower Upper
96 100
61 139.1 108.1 200.9
98 63.5 45.4 84.4





#19

1,1-Dichloroethane

Concen: 5.618 ug/L

RT: 3.866 min Scan# 801

Delta R.T. 0.000 min

Lab File: VU055081.D

Acq: 02 Sep 2023 07:56

Instrument :

MSVOA_U

ClientSampleId :

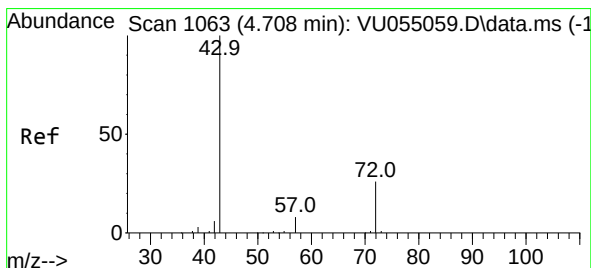
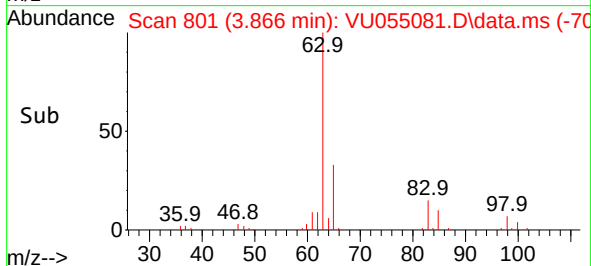
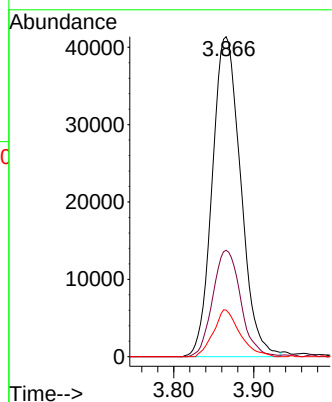
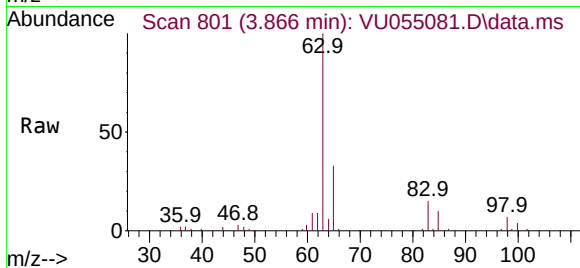
Tgt Ion: 63 Resp: 102121

Ion Ratio Lower Upper

63 100

65 33.3 22.2 41.2

83 14.6 10.6 19.8



#21

2-Butanone

Concen: 63.025 ug/L

RT: 4.708 min Scan# 1063

Delta R.T. 0.000 min

Lab File: VU055081.D

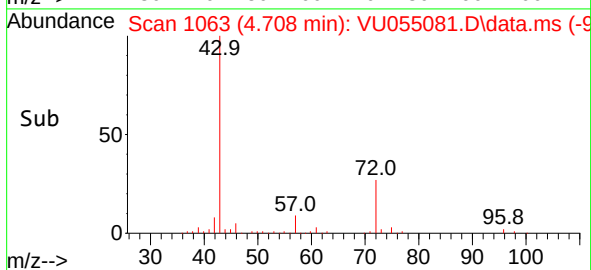
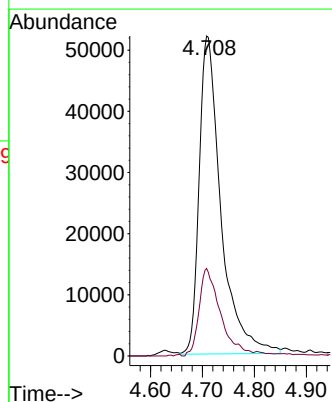
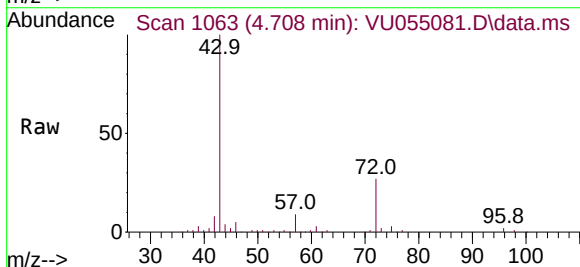
Acq: 02 Sep 2023 07:56

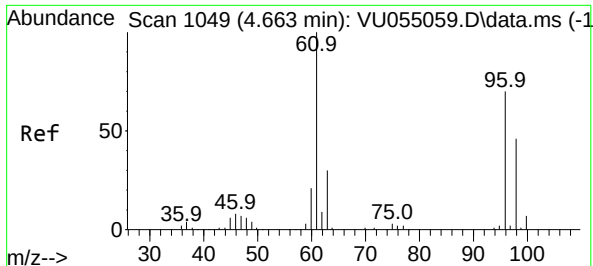
Tgt Ion: 43 Resp: 151367

Ion Ratio Lower Upper

43 100

72 26.9 13.5 40.5

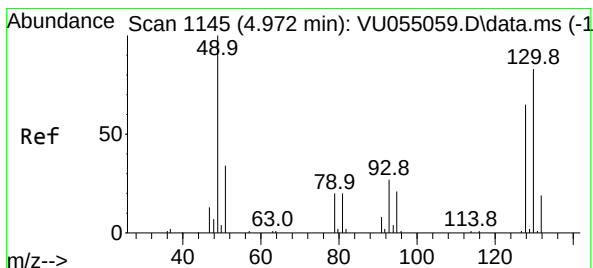
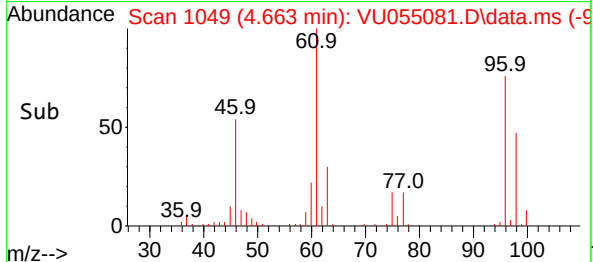
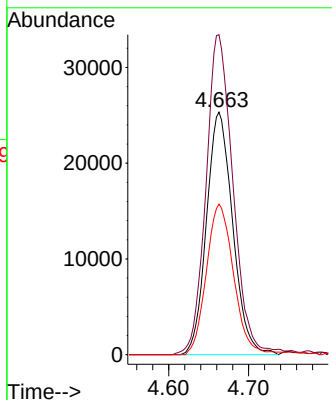
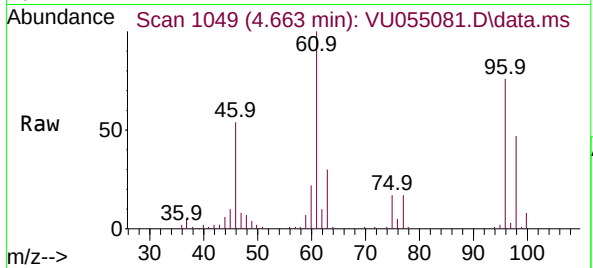




#22
 cis-1,2-Dichloroethene
 Concen: 5.621 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.000 min
 Lab File: VU055081.D
 Acq: 02 Sep 2023 07:56

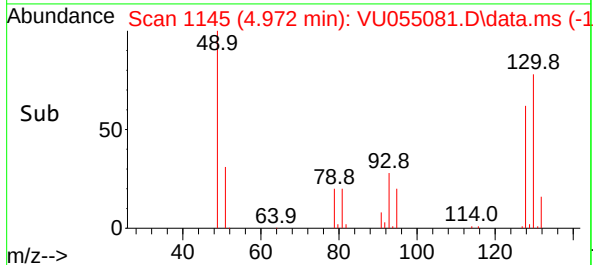
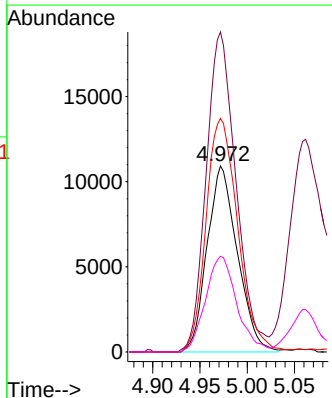
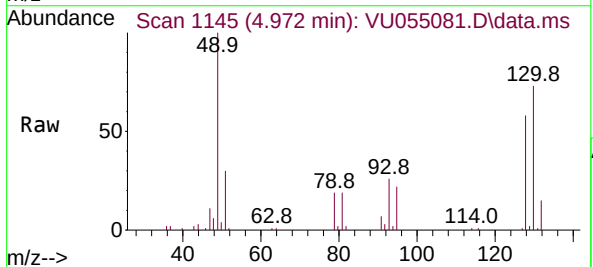
Instrument :
 MSVOA_U
 ClientSampleId :

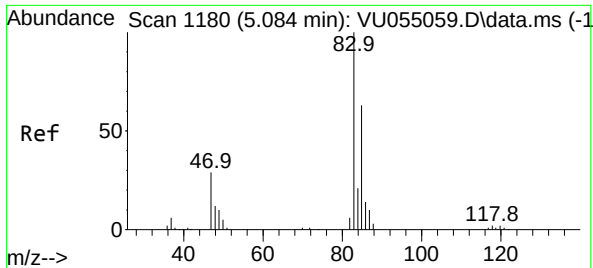
Tgt Ion: 96 Resp: 57875
 Ion Ratio Lower Upper
 96 100
 61 132.0 97.2 180.4
 98 62.1 46.1 85.7



#23
 Bromochloromethane
 Concen: 5.744 ug/L
 RT: 4.972 min Scan# 1145
 Delta R.T. 0.000 min
 Lab File: VU055081.D
 Acq: 02 Sep 2023 07:56

Tgt Ion: 128 Resp: 24325
 Ion Ratio Lower Upper
 128 100
 49 178.4 118.9 220.9
 130 125.6 88.0 163.4
 51 51.5 40.4 60.6





#25

Chloroform

Concen: 5.553 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VU055081.D

Acq: 02 Sep 2023 07:56

Instrument :

MSVOA_U

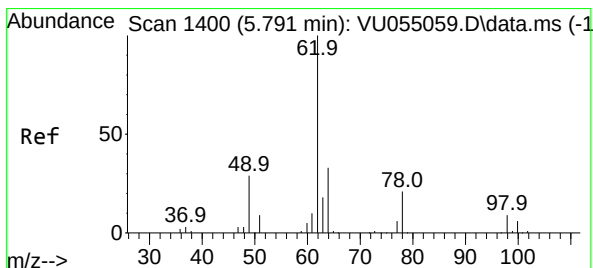
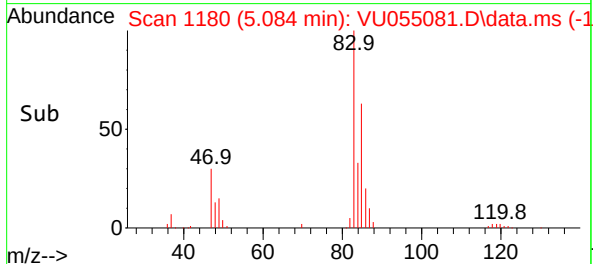
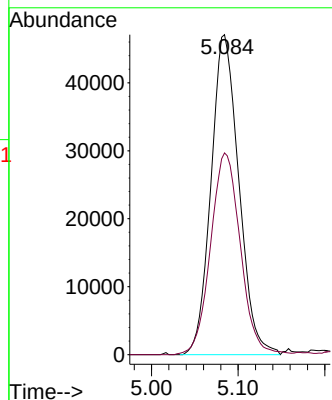
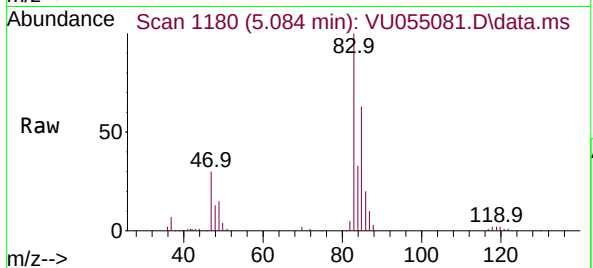
ClientSampleId :

Tgt Ion: 83 Resp: 105131

Ion Ratio Lower Upper

83 100

85 63.1 47.2 87.6



#27

1,2-Dichloroethane

Concen: 5.700 ug/L

RT: 5.792 min Scan# 1400

Delta R.T. 0.000 min

Lab File: VU055081.D

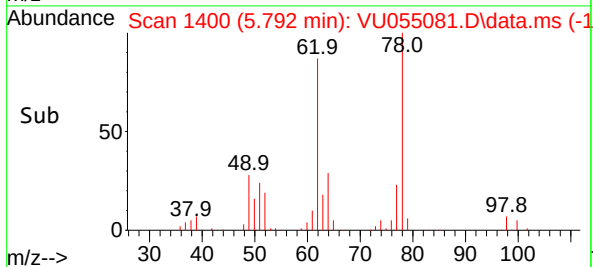
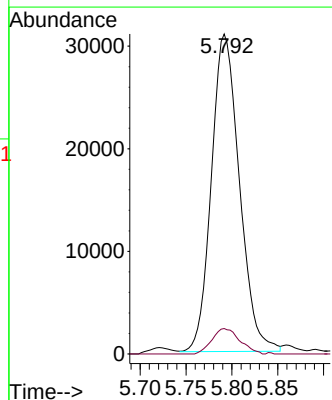
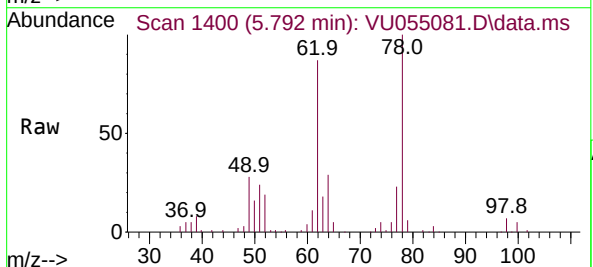
Acq: 02 Sep 2023 07:56

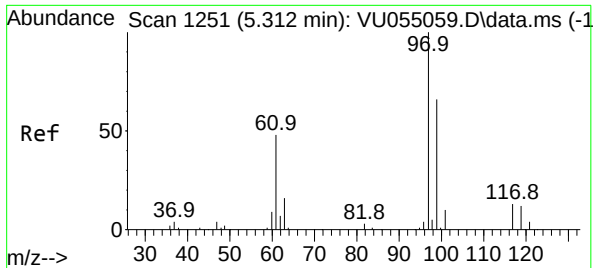
Tgt Ion: 62 Resp: 65862

Ion Ratio Lower Upper

62 100

98 7.9 6.9 10.3

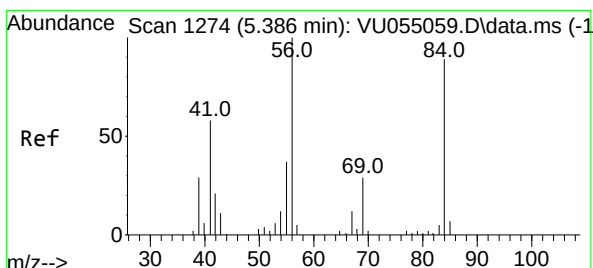
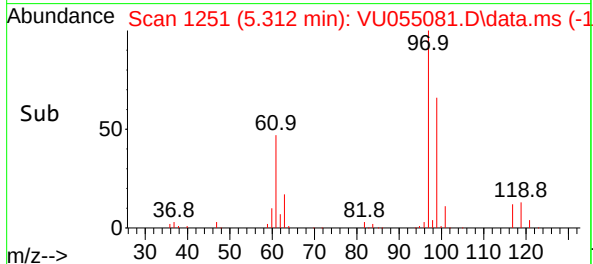
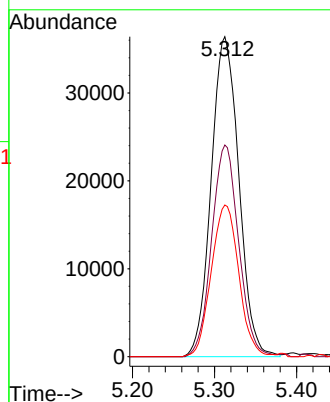
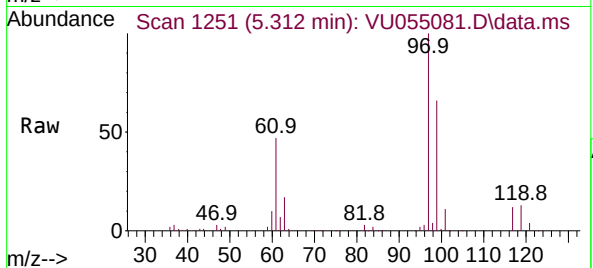




#29
1,1,1-Trichloroethane
Concen: 5.421 ug/L
RT: 5.312 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VU055081.D
Acq: 02 Sep 2023 07:56

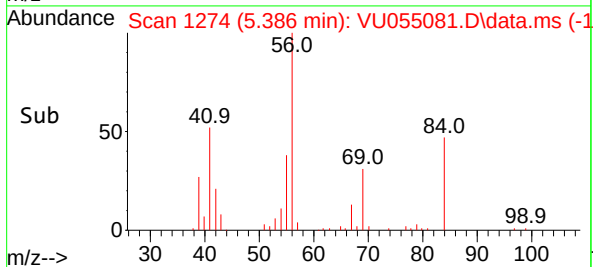
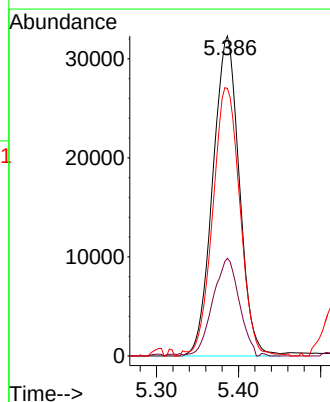
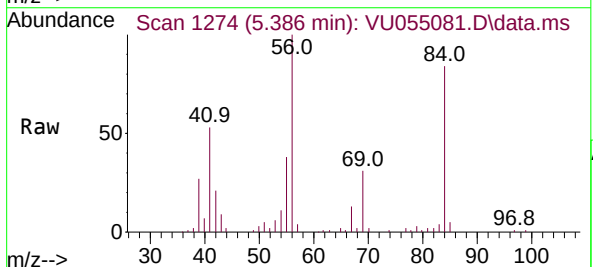
Instrument :
MSVOA_U
ClientSampleId :

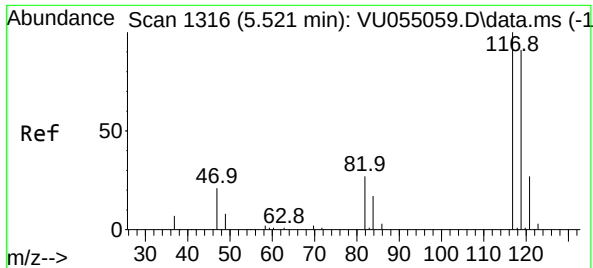
Tgt Ion: 97 Resp: 85499
Ion Ratio Lower Upper
97 100
99 64.5 51.8 77.8
61 47.1 36.8 55.2



#30
Cyclohexane
Concen: 5.166 ug/L
RT: 5.386 min Scan# 1274
Delta R.T. 0.000 min
Lab File: VU055081.D
Acq: 02 Sep 2023 07:56

Tgt Ion: 56 Resp: 72456
Ion Ratio Lower Upper
56 100
69 30.4 24.6 37.0
84 86.3 68.8 103.2

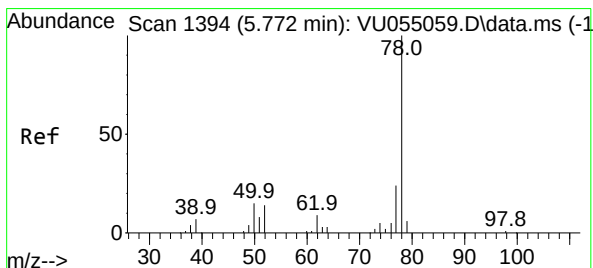
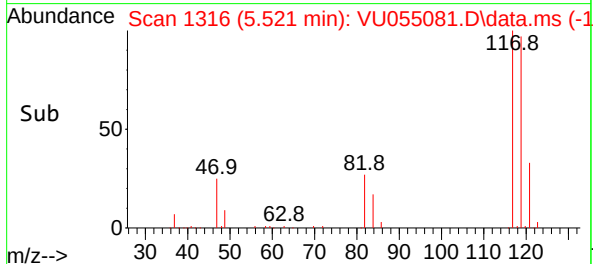
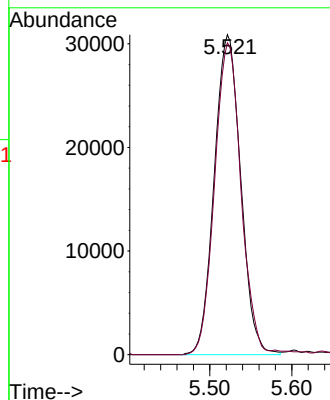
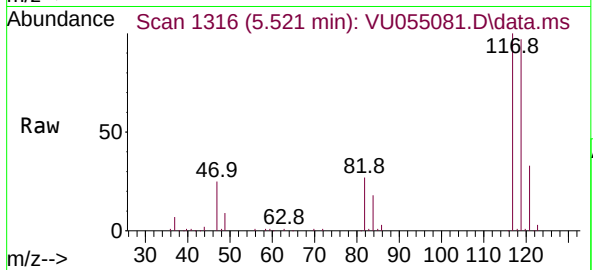




#31
Carbon tetrachloride
Concen: 5.276 ug/L
RT: 5.521 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VU055081.D
Acq: 02 Sep 2023 07:56

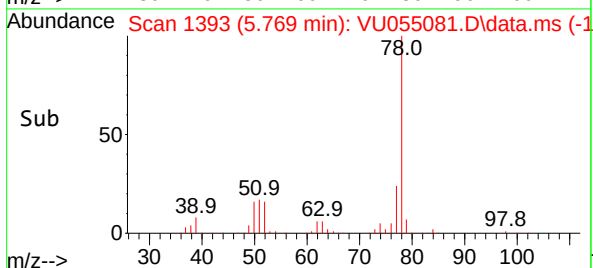
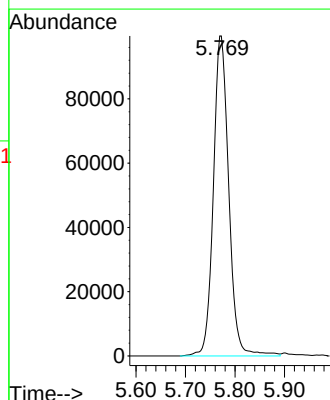
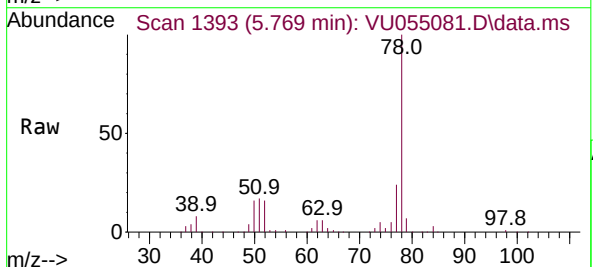
Instrument :
MSVOA_U
ClientSampleId :

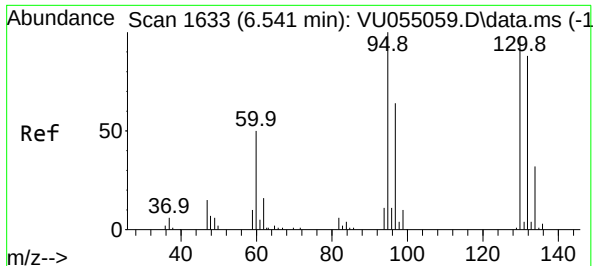
Tgt Ion:117 Resp: 69194
Ion Ratio Lower Upper
117 100
119 96.9 75.4 113.0



#33
Benzene
Concen: 5.532 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.003 min
Lab File: VU055081.D
Acq: 02 Sep 2023 07:56

Tgt Ion: 78 Resp: 214647





#34

Trichloroethene

Concen: 5.628 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.000 min

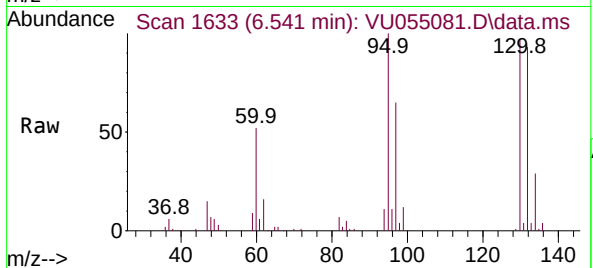
Lab File: VU055081.D

Acq: 02 Sep 2023 07:56

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 60694

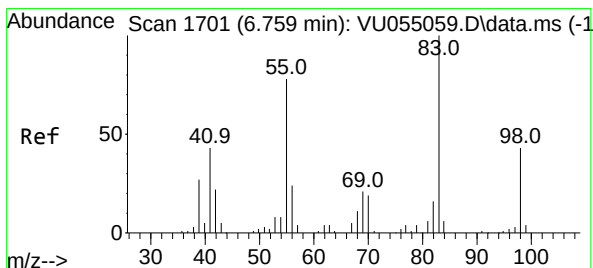
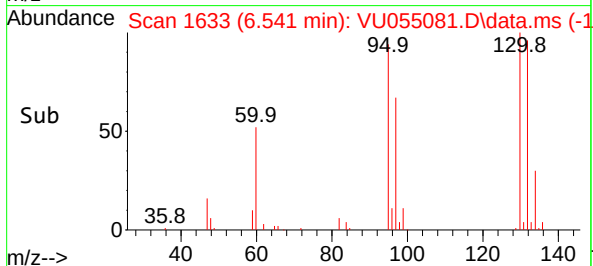
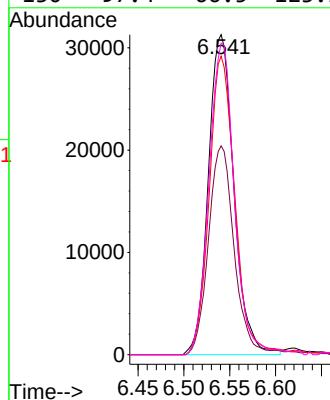
Ion Ratio Lower Upper

95 100

97 65.3 44.7 83.1

132 93.3 66.6 123.6

130 97.4 66.5 123.5



#35

Methylcyclohexane

Concen: 4.933 ug/L

RT: 6.759 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VU055081.D

Acq: 02 Sep 2023 07:56

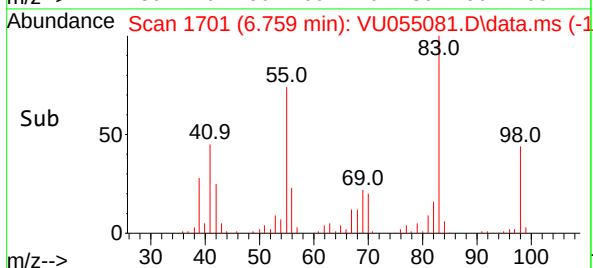
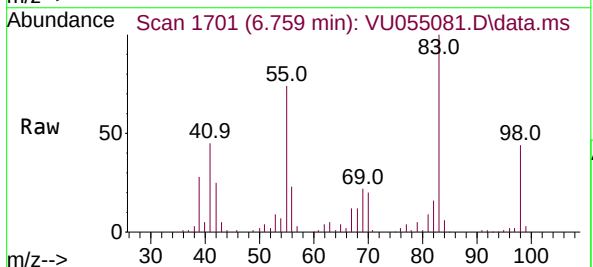
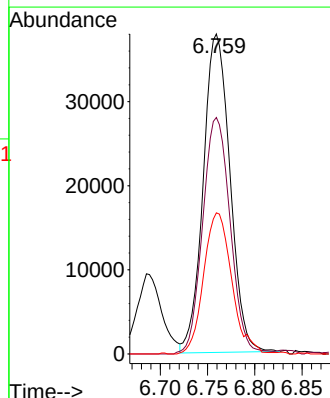
Tgt Ion: 83 Resp: 74640

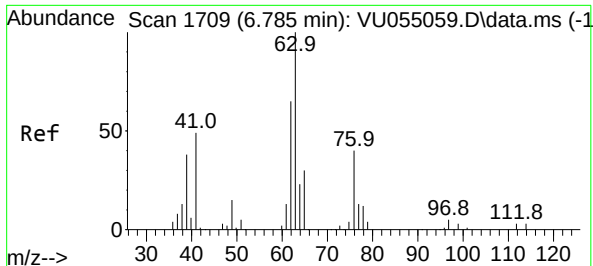
Ion Ratio Lower Upper

83 100

55 76.4 60.4 90.6

98 46.4 35.3 52.9





#37

1,2-Dichloropropane

Concen: 5.598 ug/L

RT: 6.788 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU055081.D

Acq: 02 Sep 2023 07:56

Instrument :

MSVOA_U

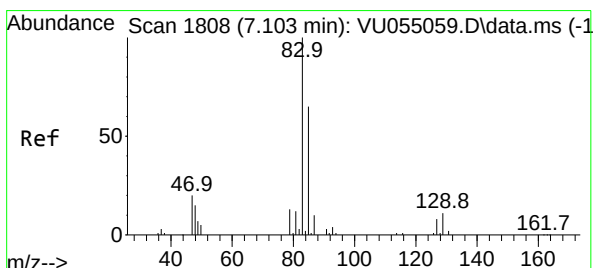
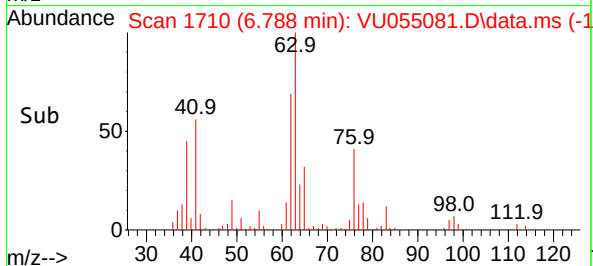
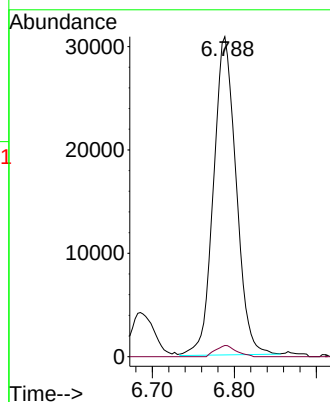
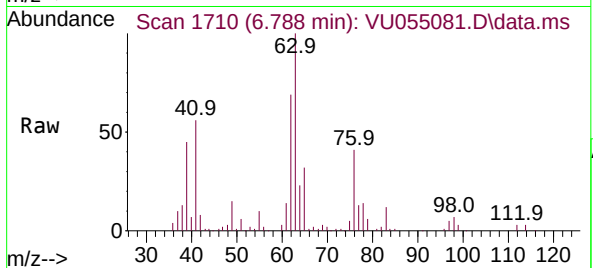
ClientSampleId :

Tgt Ion: 63 Resp: 59145

Ion Ratio Lower Upper

63 100

112 3.2 3.2 4.8#



#38

Bromodichloromethane

Concen: 5.642 ug/L

RT: 7.103 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VU055081.D

Acq: 02 Sep 2023 07:56

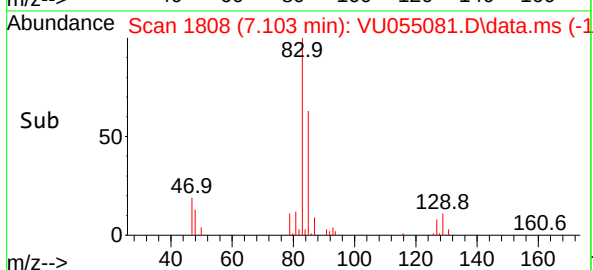
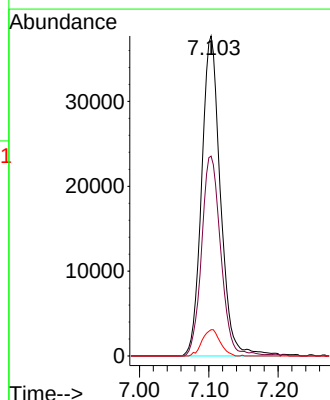
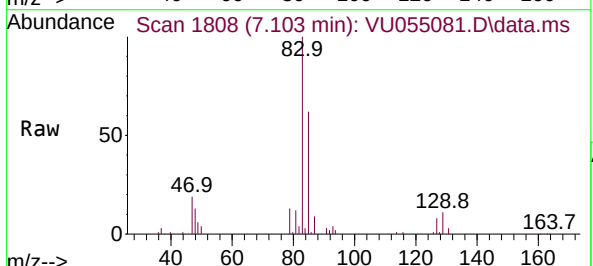
Tgt Ion: 83 Resp: 71160

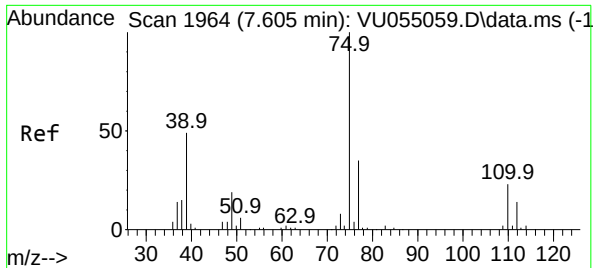
Ion Ratio Lower Upper

83 100

85 62.5 44.9 83.5

127 8.2 7.8 11.8

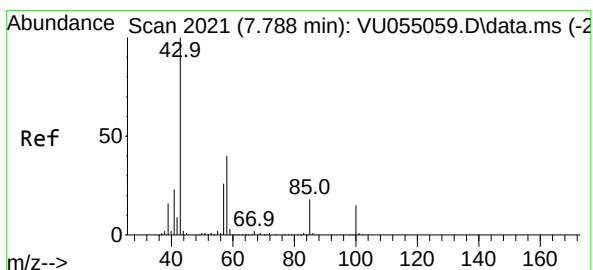
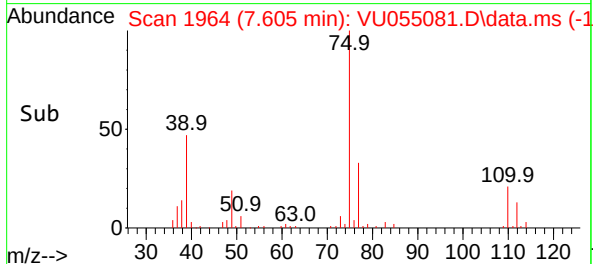
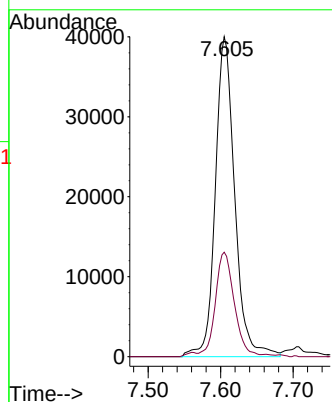
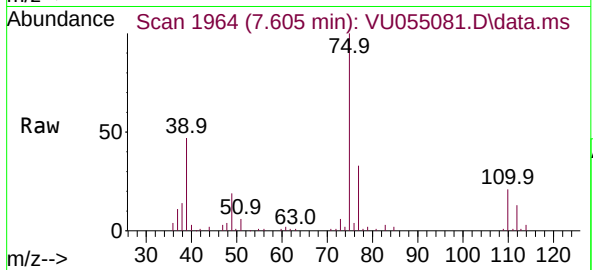




#39
 cis-1,3-Dichloropropene
 Concen: 5.181 ug/L
 RT: 7.605 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VU055081.D
 Acq: 02 Sep 2023 07:56

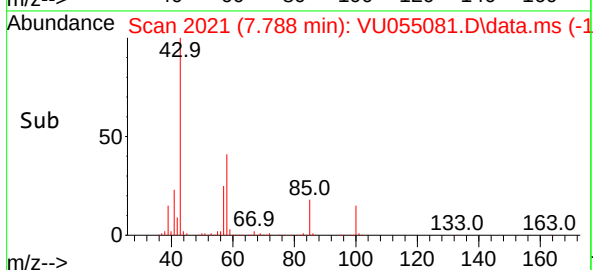
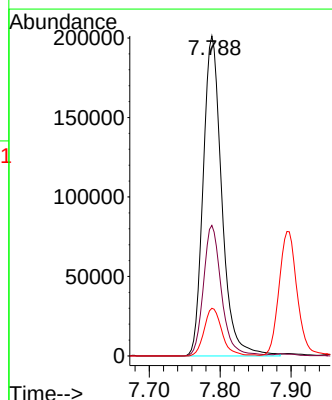
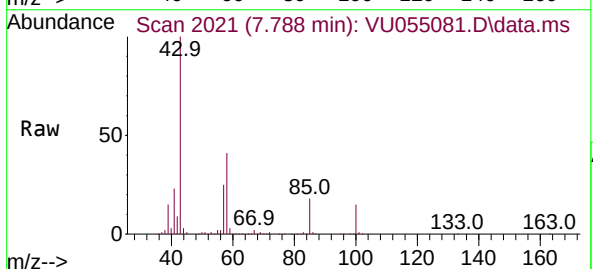
Instrument :
 MSVOA_U
 ClientSampleId :

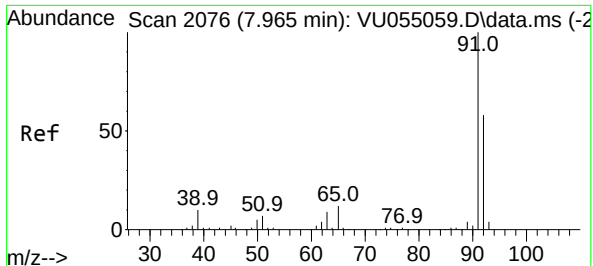
Tgt Ion: 75 Resp: 74441
 Ion Ratio Lower Upper
 75 100
 77 32.6 20.9 38.9



#40
 4-Methyl-2-pentanone
 Concen: 61.109 ug/L
 RT: 7.788 min Scan# 2021
 Delta R.T. 0.000 min
 Lab File: VU055081.D
 Acq: 02 Sep 2023 07:56

Tgt Ion: 43 Resp: 368252
 Ion Ratio Lower Upper
 43 100
 58 39.5 31.5 47.3
 100 14.3 11.8 17.8





#42

Toluene

Concen: 5.452 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU055081.D

Acq: 02 Sep 2023 07:56

Instrument :

MSVOA_U

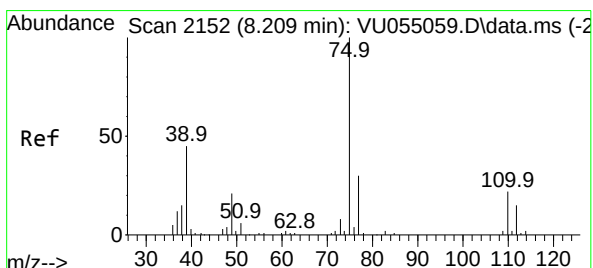
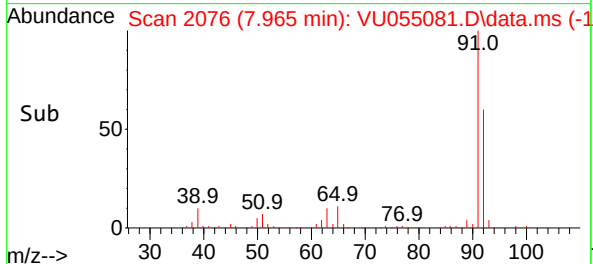
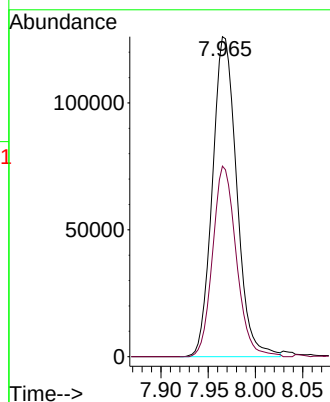
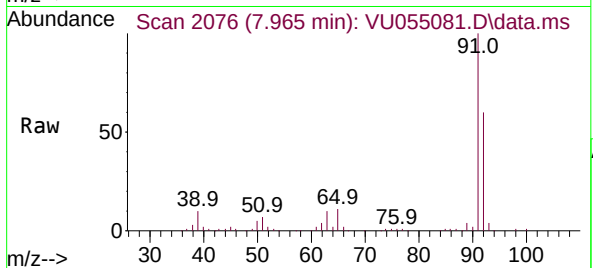
ClientSampleId :

Tgt Ion: 91 Resp: 225530

Ion Ratio Lower Upper

91 100

92 59.6 41.9 77.9



#44

trans-1,3-Dichloropropene

Concen: 5.336 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. 0.000 min

Lab File: VU055081.D

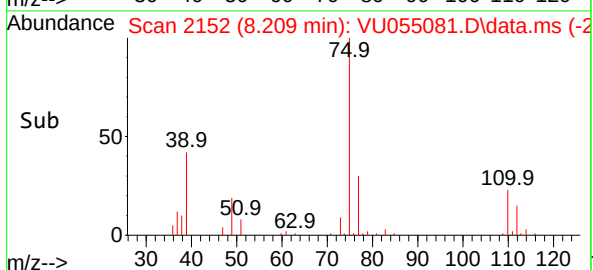
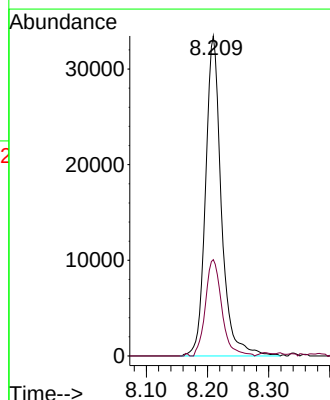
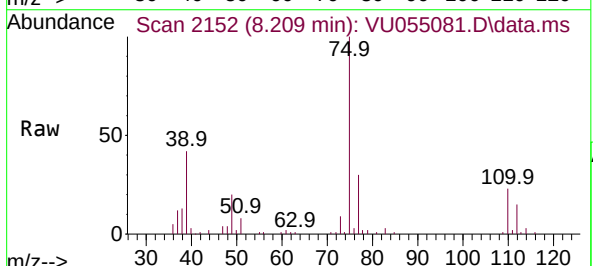
Acq: 02 Sep 2023 07:56

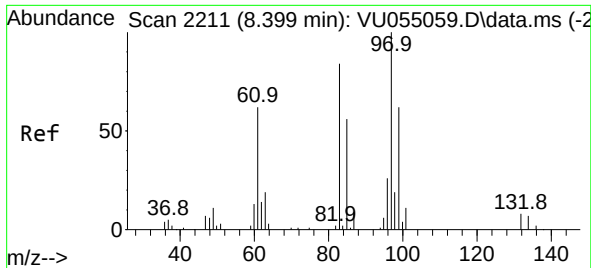
Tgt Ion: 75 Resp: 60176

Ion Ratio Lower Upper

75 100

77 30.1 20.5 38.1

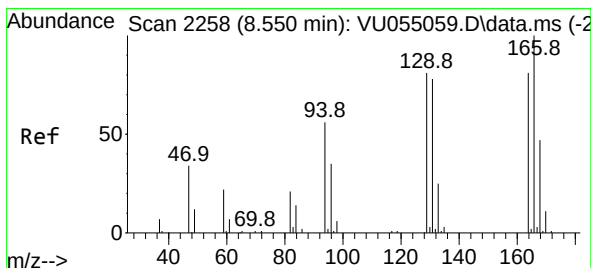
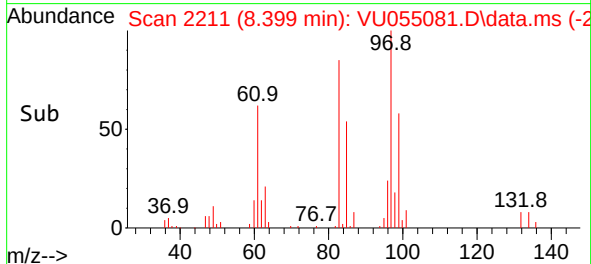
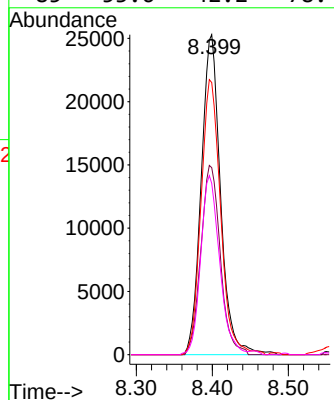
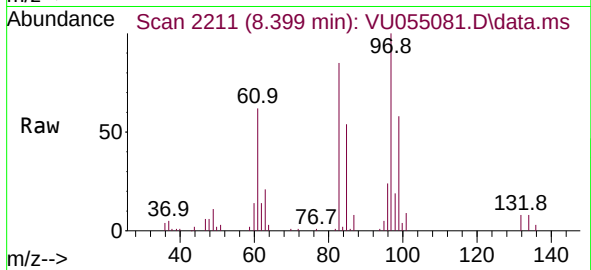




#45
1,1,2-Trichloroethane
Concen: 6.265 ug/L
RT: 8.399 min Scan# 2211
Delta R.T. 0.000 min
Lab File: VU055081.D
Acq: 02 Sep 2023 07:56

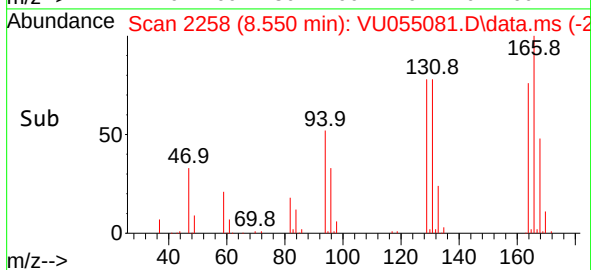
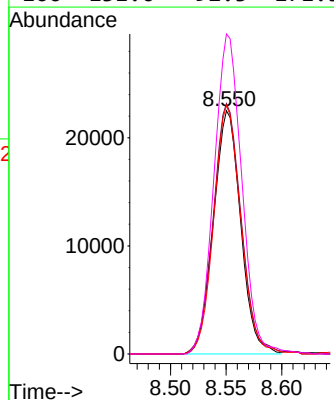
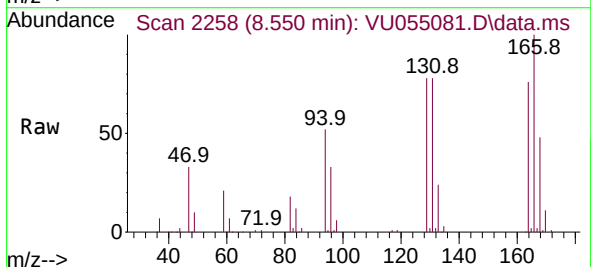
Instrument :
MSVOA_U
ClientSampleId :

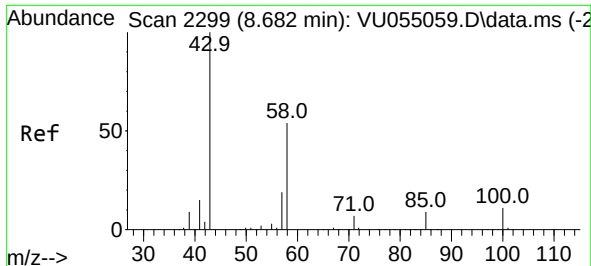
Tgt Ion: 97	Resp: 44578
Ion Ratio	Lower Upper
97 100	
99 58.5	44.9 83.5
83 85.1	66.9 124.3
85 53.6	42.2 78.4



#47
Tetrachloroethene
Concen: 5.132 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU055081.D
Acq: 02 Sep 2023 07:56

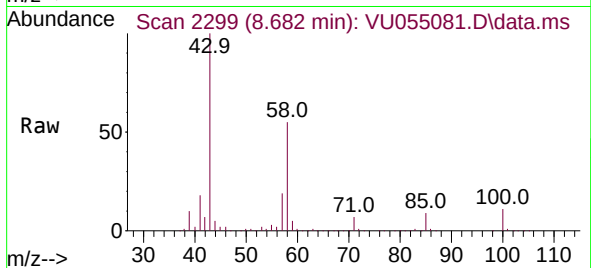
Tgt	Ion:164	Resp:	38248
Ion	Ratio	Lower	Upper
164	100		
129	103.0	69.2	128.6
131	102.1	68.8	127.8
166	131.6	92.3	171.5



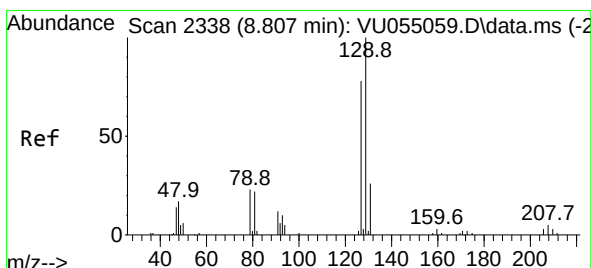
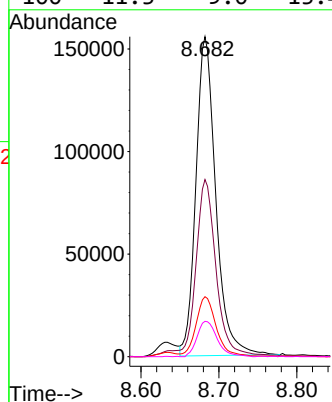
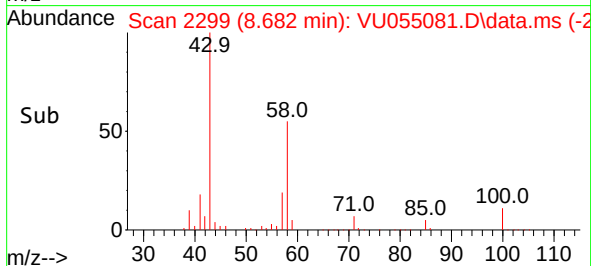


#48
2-Hexanone
Concen: 58.503 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VU055081.D
Acq: 02 Sep 2023 07:56

Instrument :
MSVOA_U
ClientSampleId :

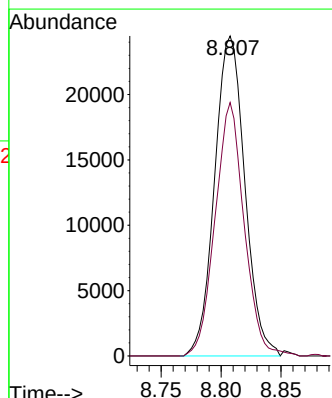
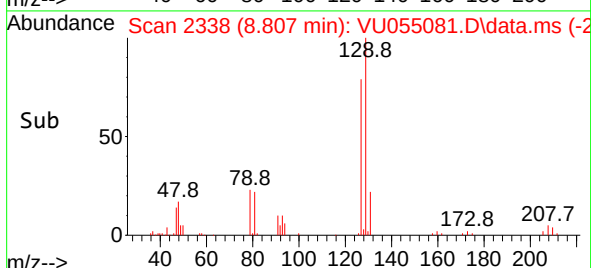
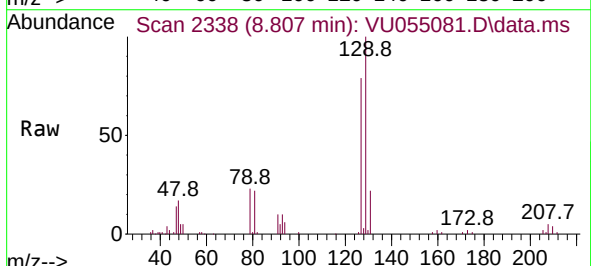


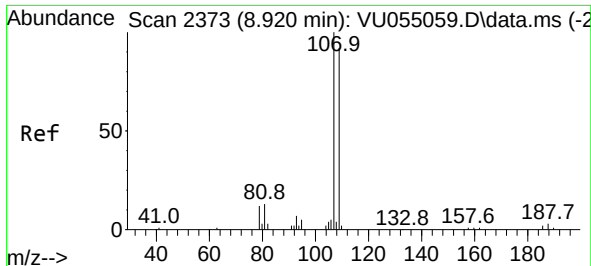
Tgt Ion: 43 Resp: 276145
Ion Ratio Lower Upper
43 100
58 57.8 44.0 66.0
57 19.4 16.2 24.2
100 11.3 9.0 13.4



#49
Dibromochloromethane
Concen: 5.525 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. 0.000 min
Lab File: VU055081.D
Acq: 02 Sep 2023 07:56

Tgt Ion: 129 Resp: 42912
Ion Ratio Lower Upper
129 100
127 79.2 55.9 103.7

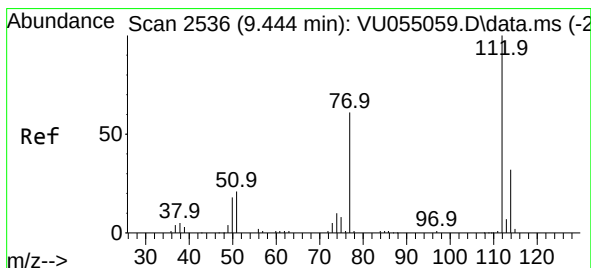
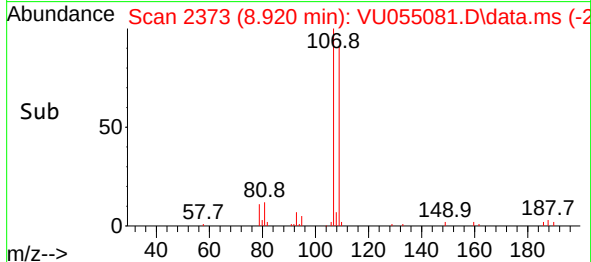
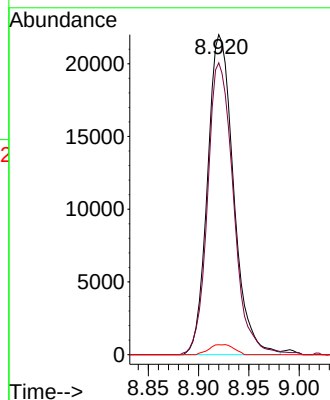
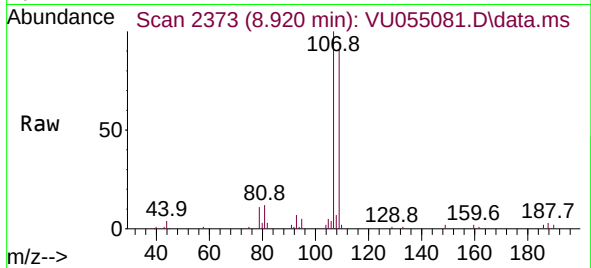




#50
1,2-Dibromoethane
Concen: 6.126 ug/L
RT: 8.920 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055081.D
Acq: 02 Sep 2023 07:56

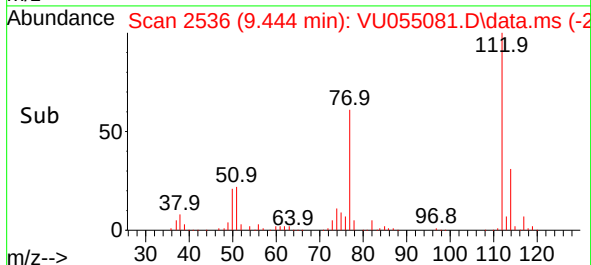
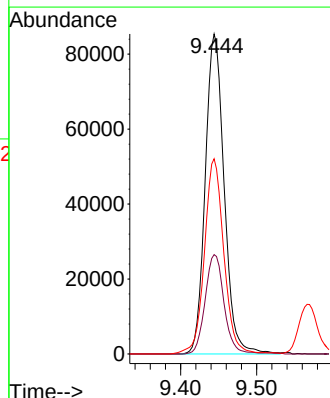
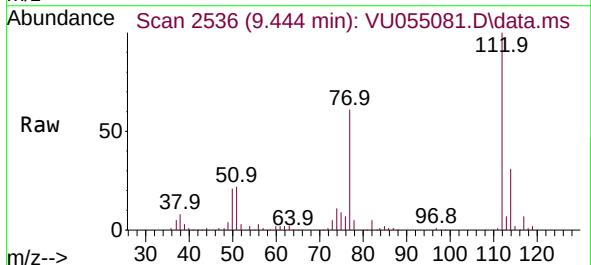
Instrument :
MSVOA_U
ClientSampleId :

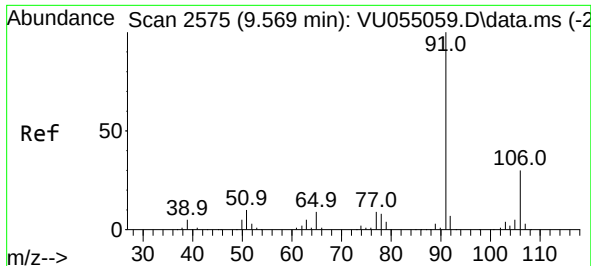
Tgt Ion:107 Resp: 39696
Ion Ratio Lower Upper
107 100
109 91.2 71.4 132.6
188 3.1 3.1 4.7#



#51
Chlorobenzene
Concen: 5.386 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU055081.D
Acq: 02 Sep 2023 07:56

Tgt Ion:112 Resp: 147571
Ion Ratio Lower Upper
112 100
114 31.1 21.7 40.3
77 61.0 48.6 72.8

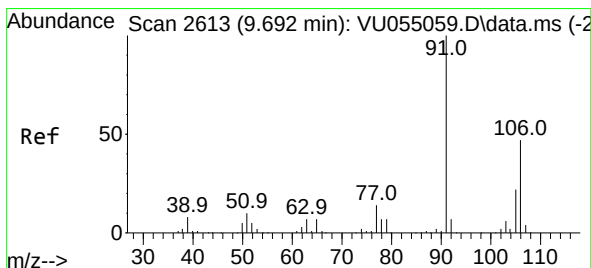
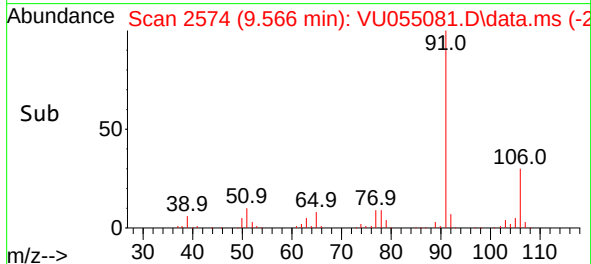
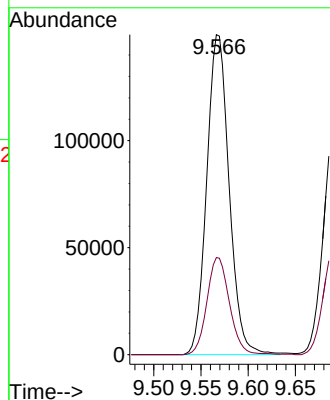
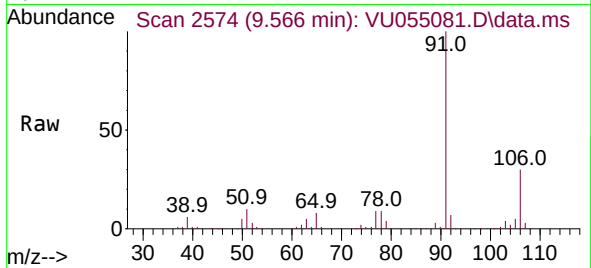




#52
Ethylbenzene
Concen: 5.319 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU055081.D
Acq: 02 Sep 2023 07:56

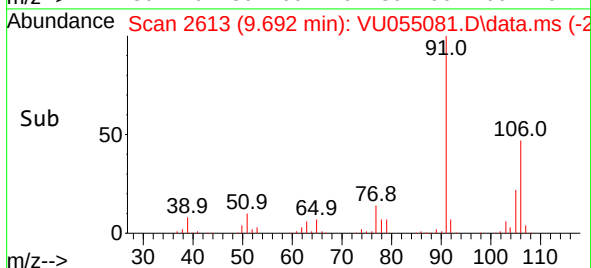
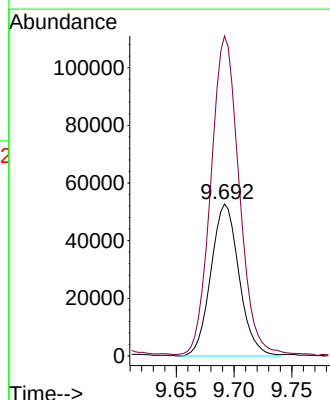
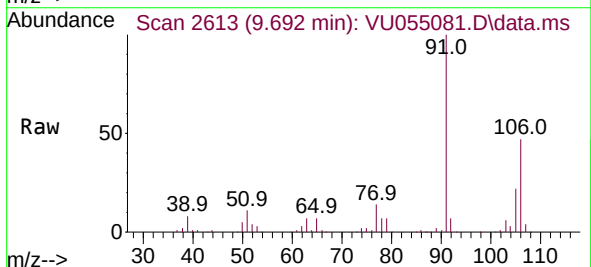
Instrument :
MSVOA_U
ClientSampleId :

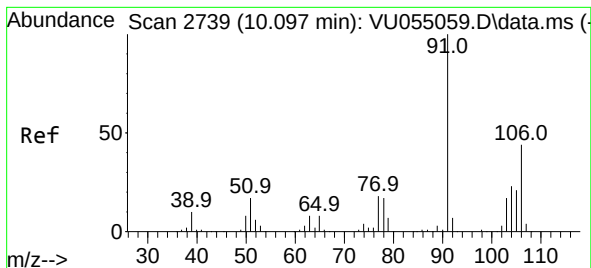
Tgt Ion: 91 Resp: 246148
Ion Ratio Lower Upper
91 100
106 30.4 21.5 39.9



#53
m,p-Xylene
Concen: 5.210 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU055081.D
Acq: 02 Sep 2023 07:56

Tgt Ion: 106 Resp: 89226
Ion Ratio Lower Upper
106 100
91 210.6 148.3 275.5





#54

o-Xylene

Concen: 5.339 ug/L

RT: 10.100 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU055081.D

Acq: 02 Sep 2023 07:56

Instrument :

MSVOA_U

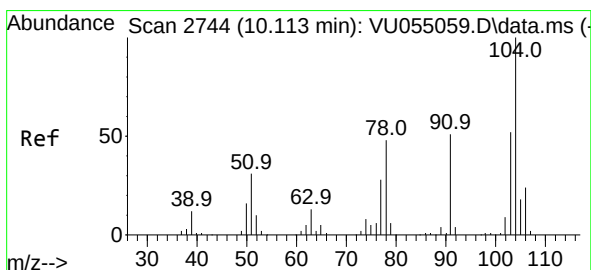
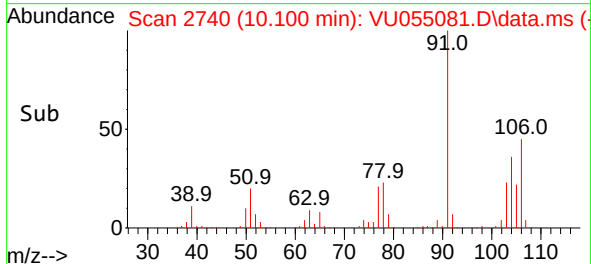
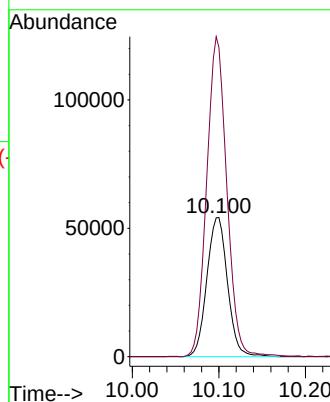
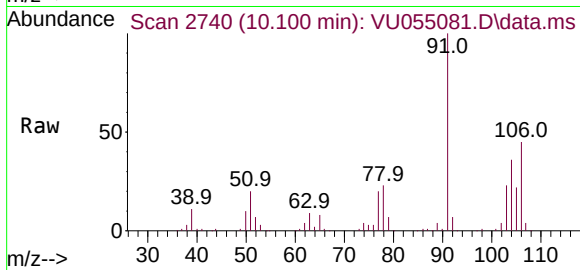
ClientSampleId :

Tgt Ion:106 Resp: 89965

Ion Ratio Lower Upper

106 100

91 222.2 152.9 284.1



#55

Styrene

Concen: 5.356 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. 0.000 min

Lab File: VU055081.D

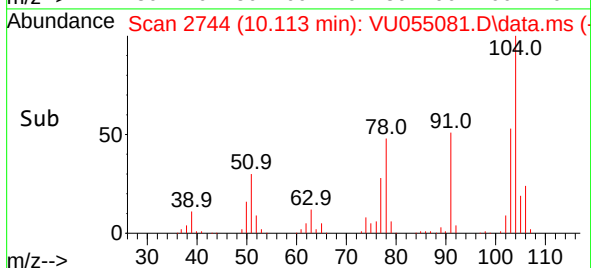
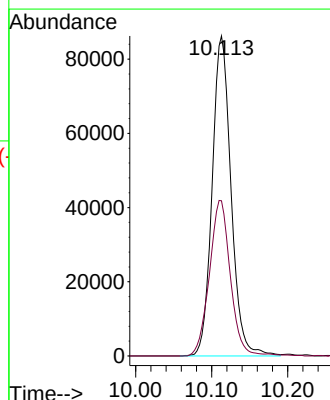
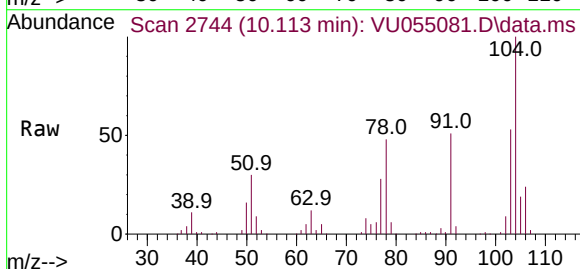
Acq: 02 Sep 2023 07:56

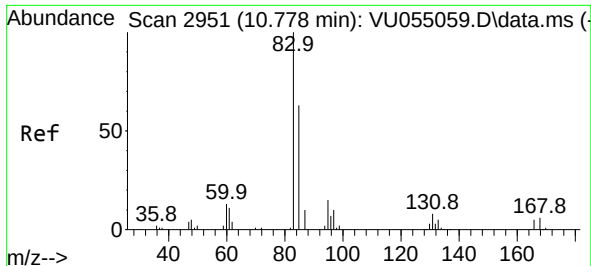
Tgt Ion:104 Resp: 149057

Ion Ratio Lower Upper

104 100

78 48.5 32.8 61.0





#57

1,1,2,2-Tetrachloroethane

Concen: 6.099 ug/L

RT: 10.778 min Scan# 2951

Delta R.T. 0.000 min

Lab File: VU055081.D

Acq: 02 Sep 2023 07:56

Instrument :

MSVOA_U

ClientSampleId :

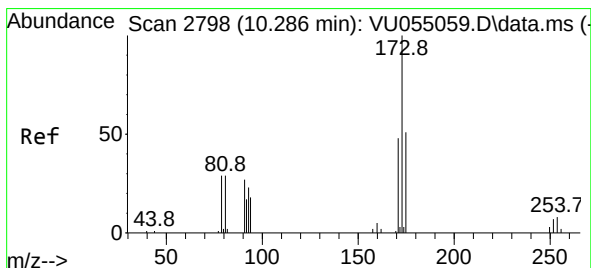
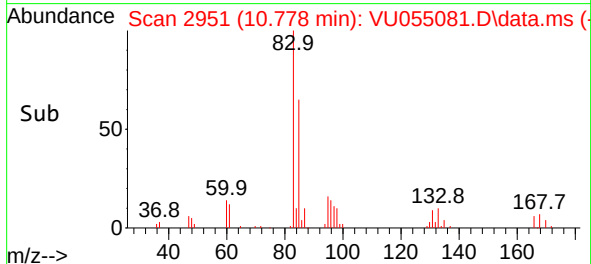
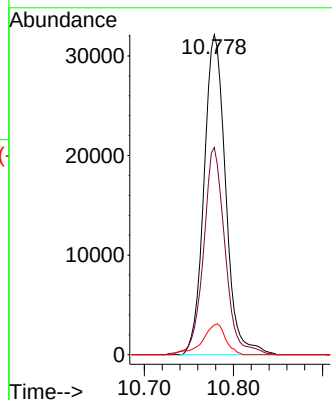
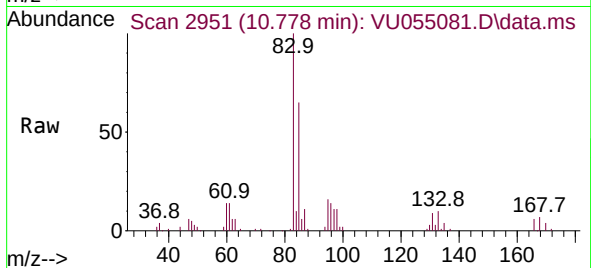
Tgt Ion: 83 Resp: 54056

Ion Ratio Lower Upper

83 100

85 64.7 42.4 78.6

131 9.3 7.6 11.4



#59

Bromoform

Concen: 5.355 ug/L

RT: 10.287 min Scan# 2798

Delta R.T. 0.000 min

Lab File: VU055081.D

Acq: 02 Sep 2023 07:56

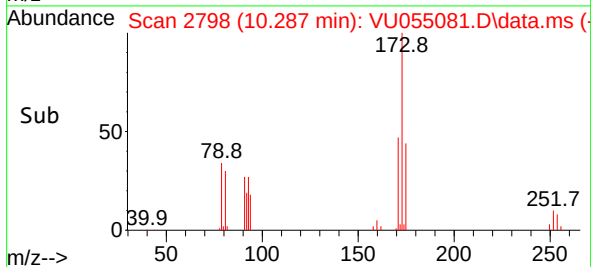
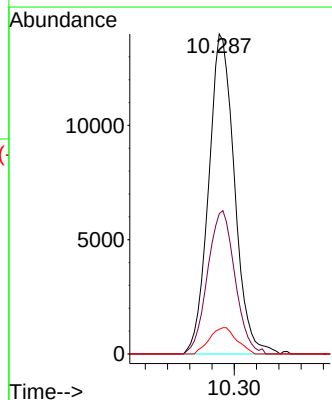
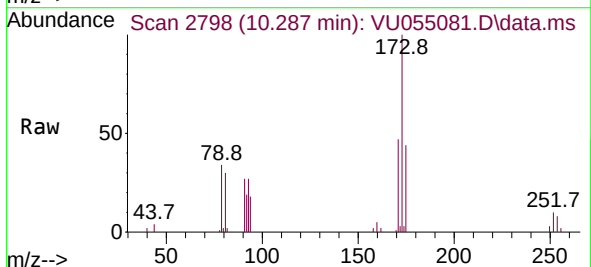
Tgt Ion:173 Resp: 22517

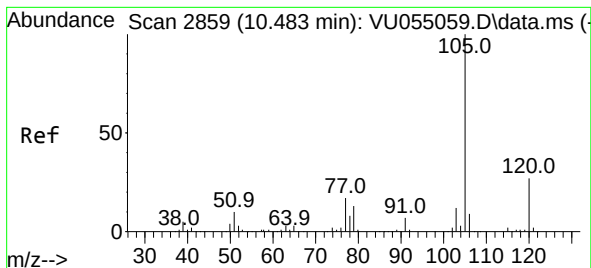
Ion Ratio Lower Upper

173 100

175 47.5 40.9 61.3

254 8.6 7.0 10.4





#60

Isopropylbenzene

Concen: 4.965 ug/L

RT: 10.483 min Scan# 2859

Delta R.T. 0.000 min

Lab File: VU055081.D

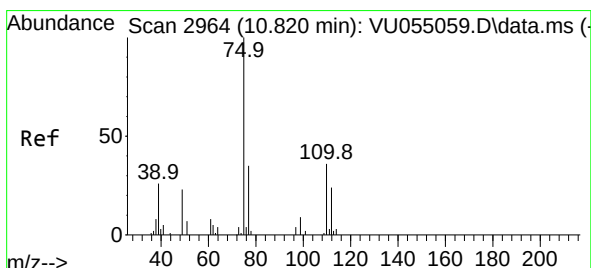
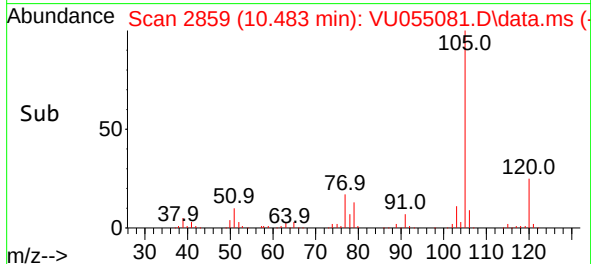
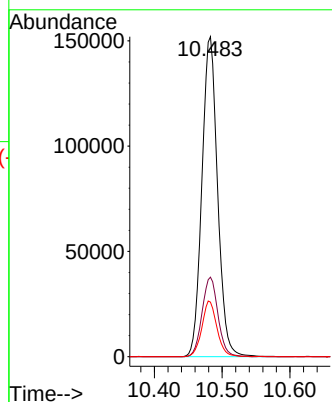
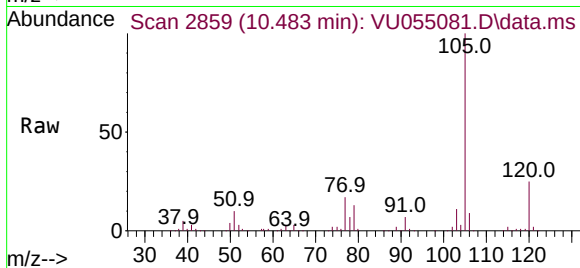
Acq: 02 Sep 2023 07:56

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	243669
Ion	Ratio	Lower	Upper
105	100		
120	25.3	20.1	30.1
77	16.8	13.4	20.0



#61

1,2,3-Trichloropropane

Concen: 5.771 ug/L

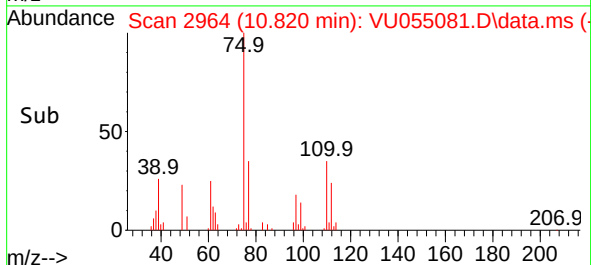
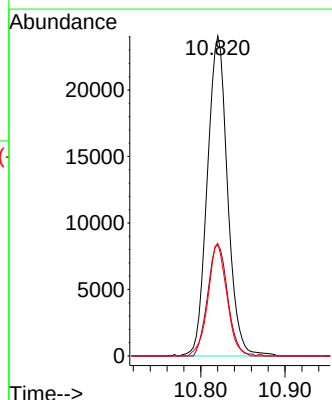
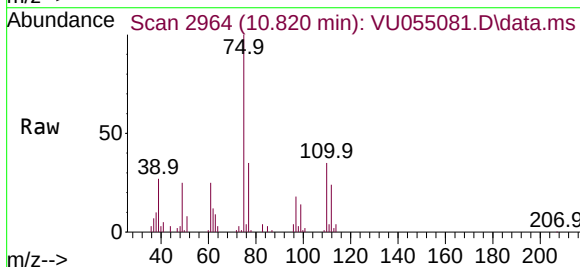
RT: 10.820 min Scan# 2964

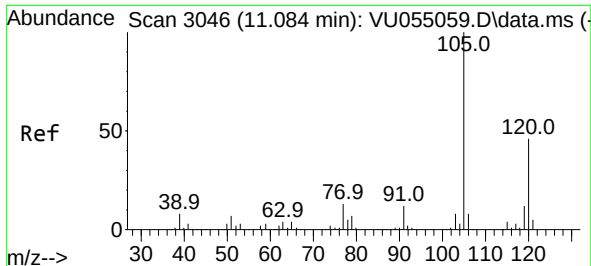
Delta R.T. 0.000 min

Lab File: VU055081.D

Acq: 02 Sep 2023 07:56

Tgt Ion:	75	Resp:	40306
Ion	Ratio	Lower	Upper
75	100		
110	34.2	28.2	42.2
77	32.6	26.2	39.4





#62

1,3,5-Trimethylbenzene

Concen: 4.880 ug/L

RT: 11.087 min Scan# 3046

Delta R.T. 0.003 min

Lab File: VU055081.D

Acq: 02 Sep 2023 07:56

Instrument :

MSVOA_U

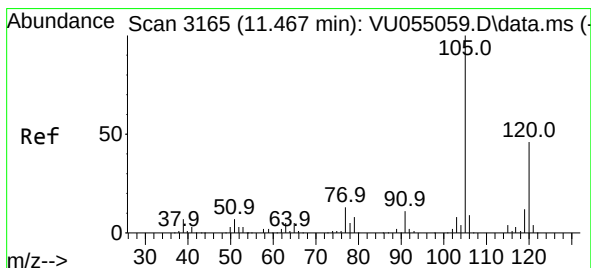
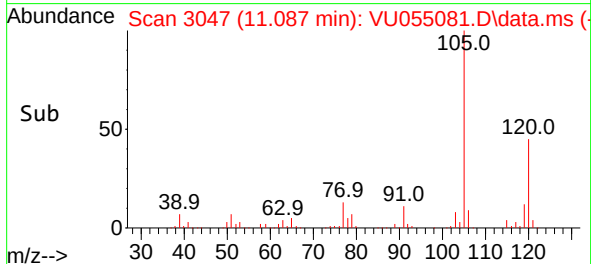
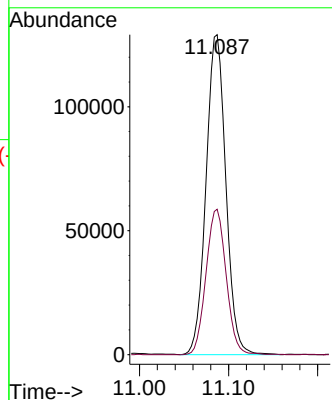
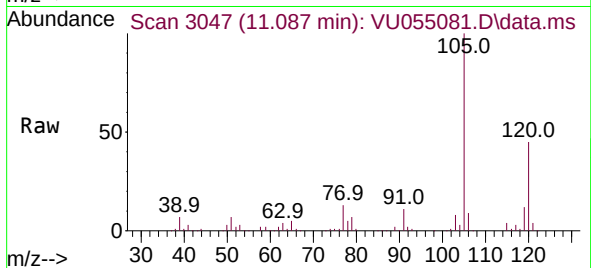
ClientSampleId :

Tgt Ion:105 Resp: 199230

Ion Ratio Lower Upper

105 100

120 46.3 37.9 56.9



#63

1,2,4-Trimethylbenzene

Concen: 4.578 ug/L

RT: 11.467 min Scan# 3165

Delta R.T. 0.000 min

Lab File: VU055081.D

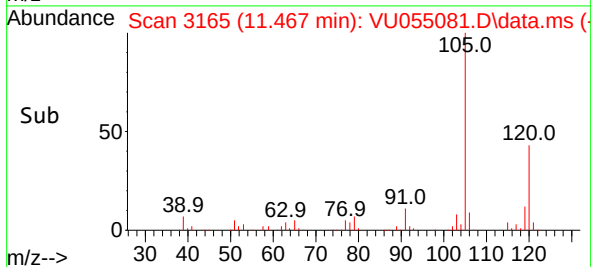
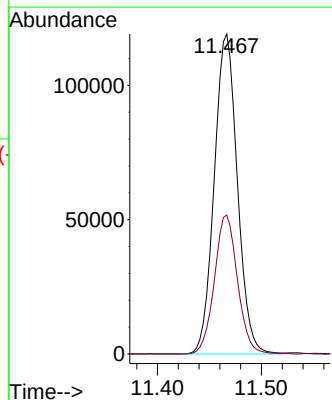
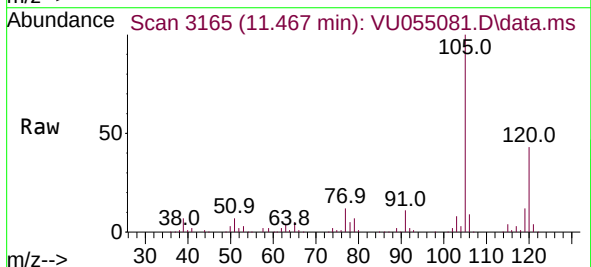
Acq: 02 Sep 2023 07:56

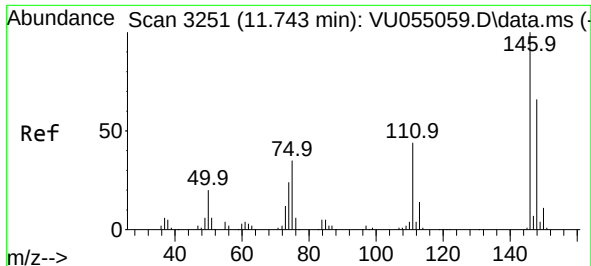
Tgt Ion:105 Resp: 184193

Ion Ratio Lower Upper

105 100

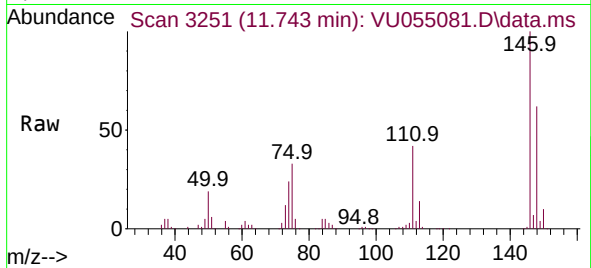
120 43.4 35.4 53.0



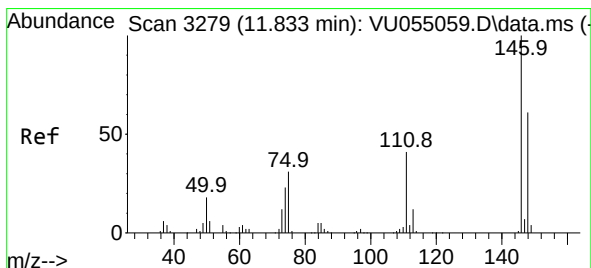
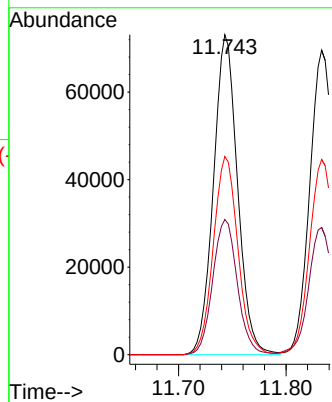
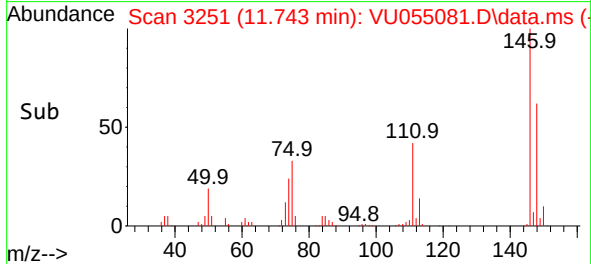


#64
1,3-Dichlorobenzene
Concen: 4.834 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU055081.D
Acq: 02 Sep 2023 07:56

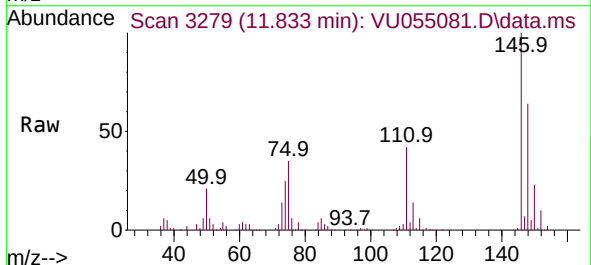
Instrument :
MSVOA_U
ClientSampleId :



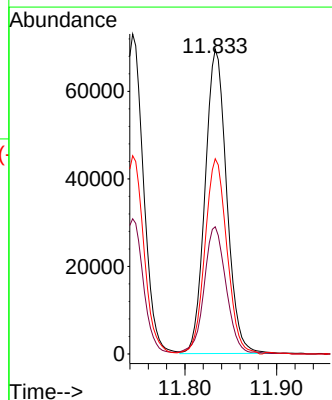
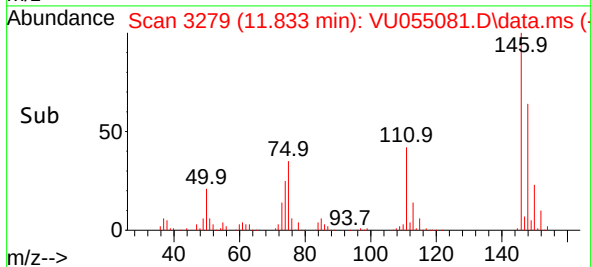
Tgt Ion:146 Resp: 113888
Ion Ratio Lower Upper
146 100
111 42.2 30.0 55.6
148 61.9 45.2 84.0

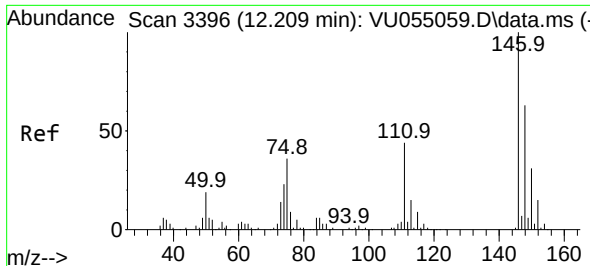


#65
1,4-Dichlorobenzene
Concen: 4.837 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU055081.D
Acq: 02 Sep 2023 07:56



Tgt Ion:146 Resp: 113580
Ion Ratio Lower Upper
146 100
111 41.8 28.1 52.1
148 64.1 43.8 81.3





#67

1,2-Dichlorobenzene

Concen: 4.764 ug/L

RT: 12.209 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU055081.D

Acq: 02 Sep 2023 07:56

Instrument :

MSVOA_U

ClientSampleId :

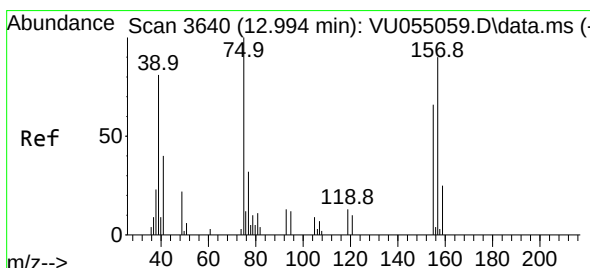
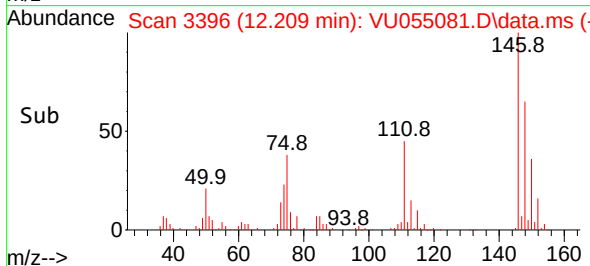
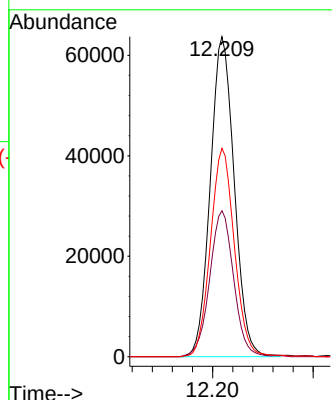
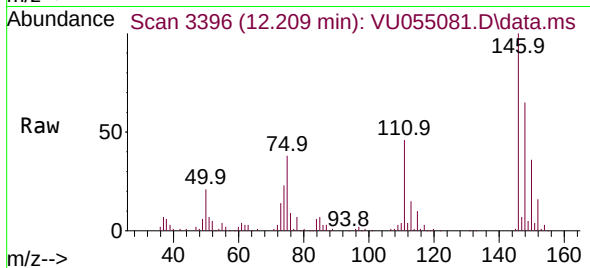
Tgt Ion:146 Resp: 105228

Ion Ratio Lower Upper

146 100

111 45.6 35.6 53.4

148 65.1 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 5.297 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.003 min

Lab File: VU055081.D

Acq: 02 Sep 2023 07:56

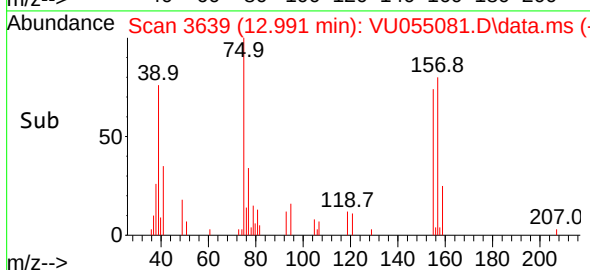
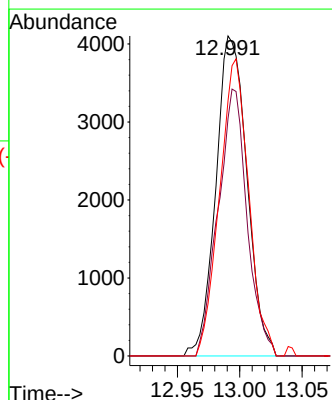
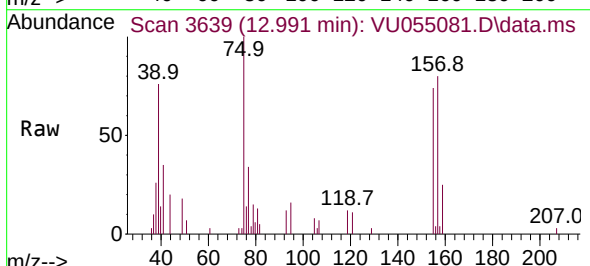
Tgt Ion: 75 Resp: 7126

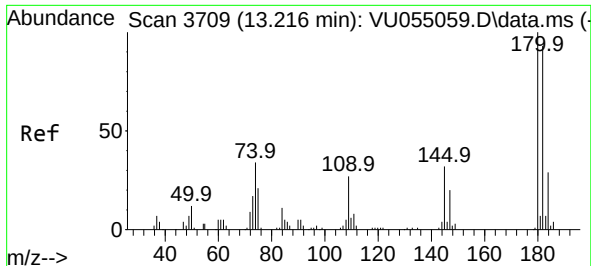
Ion Ratio Lower Upper

75 100

155 74.2 61.1 91.7

157 79.8 66.8 100.2





#69

1,3,5-Trichlorobenzene

Concen: 4.320 ug/L

RT: 13.216 min Scan# 3709

Delta R.T. 0.000 min

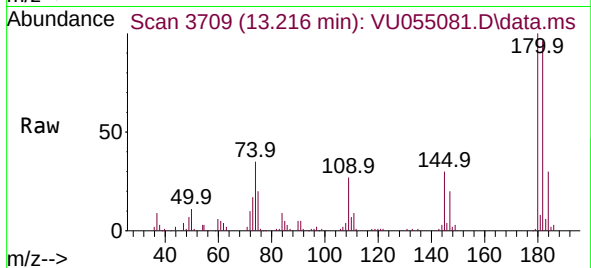
Lab File: VU055081.D

Acq: 02 Sep 2023 07:56

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 76918

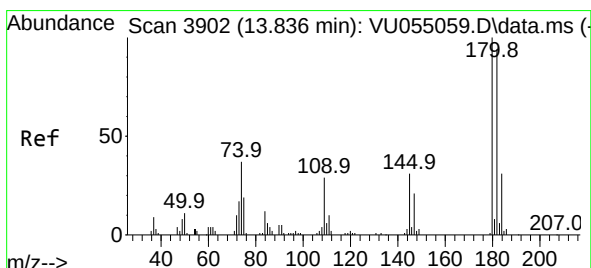
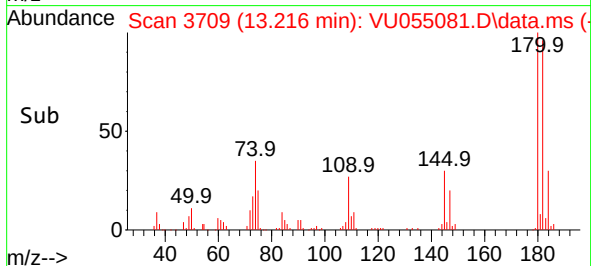
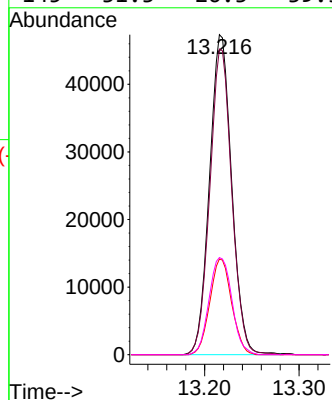
Ion Ratio Lower Upper

180 100

182 94.6 75.8 113.6

184 29.4 24.0 36.0

145 31.3 26.3 39.5



#70

1,2,4-trichlorobenzene

Concen: 3.543 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU055081.D

Acq: 02 Sep 2023 07:56

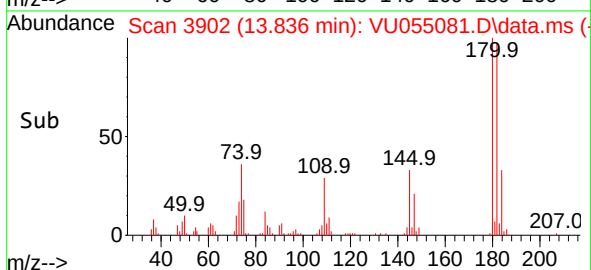
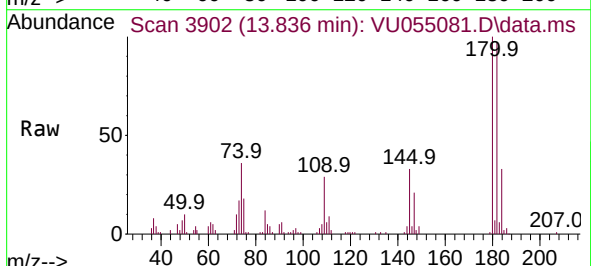
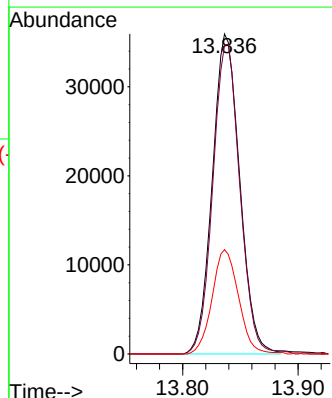
Tgt Ion:180 Resp: 59145

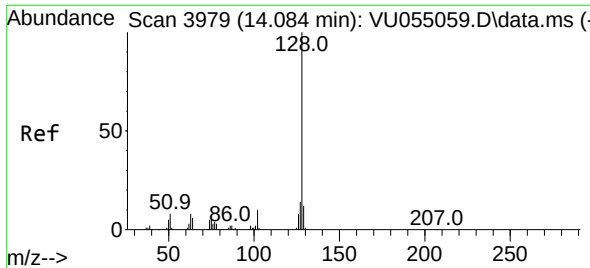
Ion Ratio Lower Upper

180 100

182 95.7 73.6 110.4

145 31.5 25.8 38.8

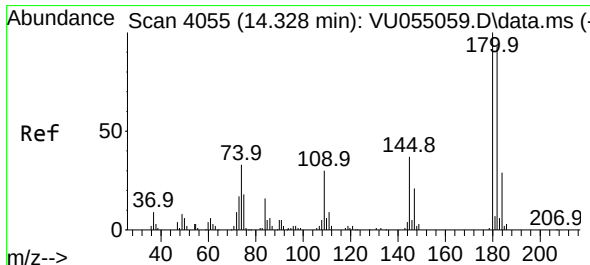
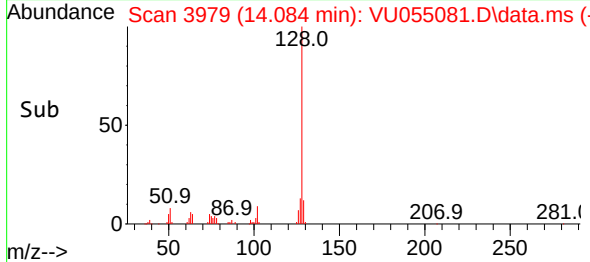
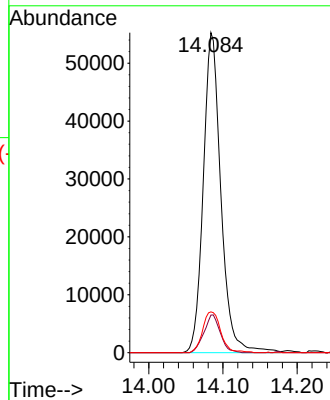
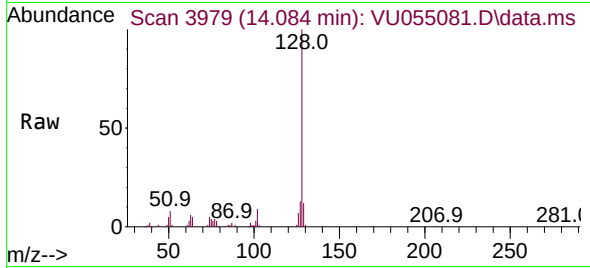




#71
Naphthalene
Concen: 3.001 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU055081.D
Acq: 02 Sep 2023 07:56

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.2	12.2
127	13.2	10.0	15.0



#72
1,2,3-Trichlorobenzene
Concen: 3.585 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.000 min
Lab File: VU055081.D
Acq: 02 Sep 2023 07:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	75.6	113.4
145	35.3	27.0	40.6

