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 Data File : VU055299.D
 Acq On : 13 Sep 2023 21:10
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 14 05:09:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 14 05:00:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	194160	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	199941	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	112545	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	28107	3.089	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.800%
7) Chloroethane-d5	1.911	69	49705	4.719	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.400%
11) 1,1-Dichloroethene-d2	2.563	65	16231	3.130	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.600%
20) 2-Butanone-d5	4.631	46	186744	70.717	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	141.440%#
24) Chloroform-d	5.058	84	121895	5.048	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.702	65	64612	5.348	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.000%
32) Benzene-d6	5.724	84	211660	4.289	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	6.689	67	73993	4.714	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.898	98	188856	4.154	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	8.177	79	19821	4.585	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.634	63	113724	64.800	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	129.600%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	64427	5.836	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	77818	4.737	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	47941	4.249	ug/L	99
3) Chloromethane	1.515	50	44269	3.854	ug/L	97
5) Vinyl chloride	1.602	62	51411	4.243	ug/L	94
6) Bromomethane	1.856	94	39984	5.471	ug/L	99
8) Chloroethane	1.930	64	45178	5.726	ug/L	98
9) Trichlorofluoromethane	2.133	101	91074	5.169	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	48177	4.699	ug/L	95
12) 1,1-Dichloroethene	2.576	96	40040	4.461	ug/L	93
13) Acetone	2.641	43	80556	45.515	ug/L	99
14) Carbon disulfide	2.788	76	83187	3.784	ug/L	97
15) Methyl Acetate	2.956	43	18772	5.182	ug/L	94
16) Methylene chloride	3.039	84	71716	5.229	ug/L	94
17) Methyl tert-butyl Ether	3.361	73	123483	5.245	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	43596	4.787	ug/L	90
19) 1,1-Dichloroethane	3.866	63	102215	5.193	ug/L	99
21) 2-Butanone	4.708	43	145570	55.980	ug/L	95
22) cis-1,2-Dichloroethene	4.663	96	59749	5.360	ug/L	93
23) Bromochloromethane	4.975	128	26812	5.848	ug/L	88
25) Chloroform	5.084	83	116951	5.705	ug/L	97

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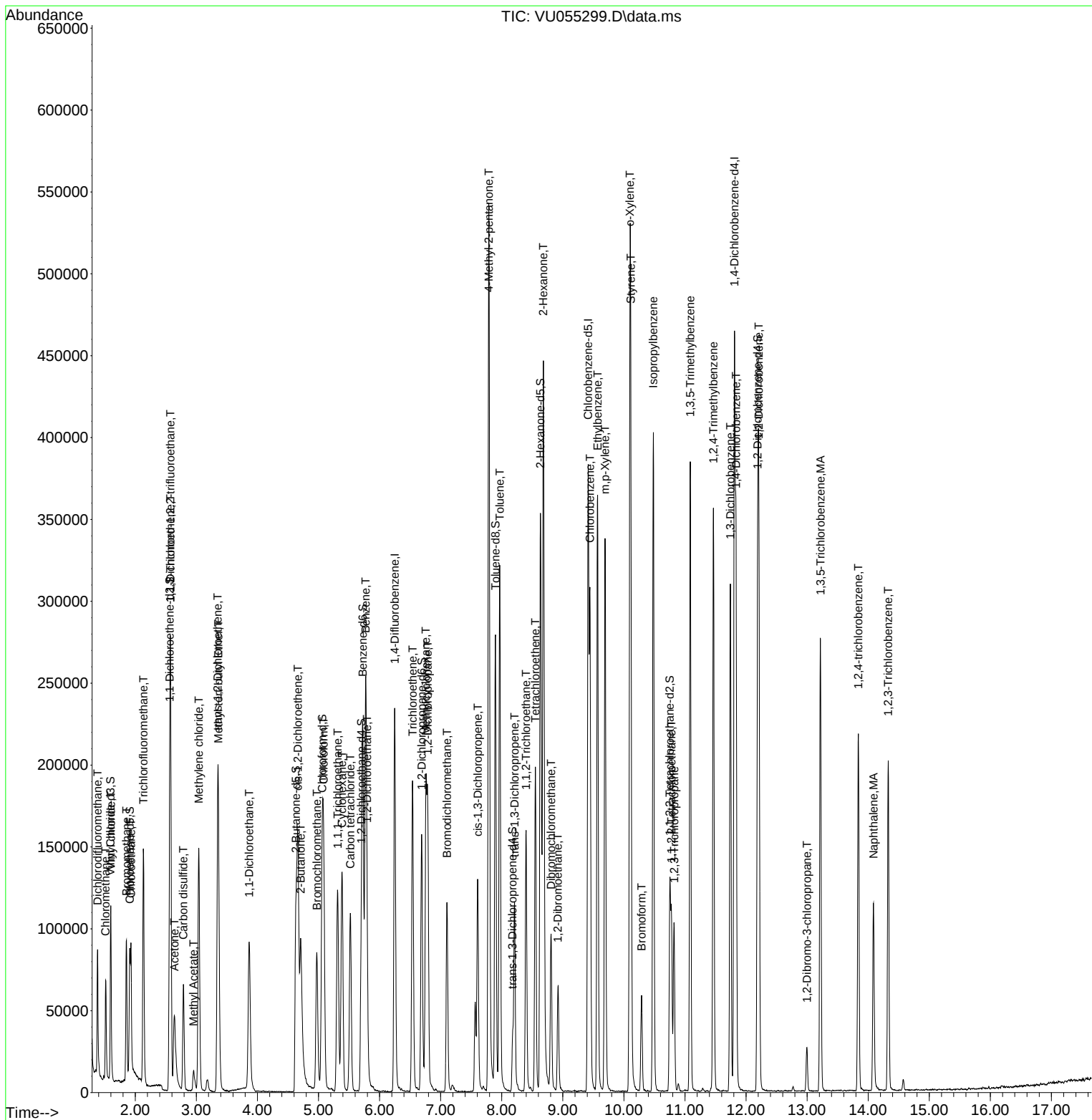
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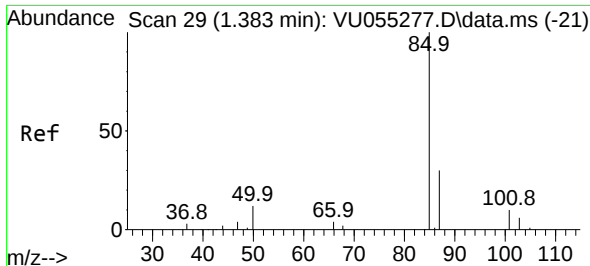
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 14 05:00:29 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.795	62	67921	5.429	ug/L	100
29) 1,1,1-Trichloroethane	5.316	97	88947	5.143	ug/L	99
30) Cyclohexane	5.383	56	64385	4.186	ug/L	95
31) Carbon tetrachloride	5.521	117	74201	5.160	ug/L	100
33) Benzene	5.772	78	221718	5.210	ug/L	100
34) Trichloroethene	6.541	95	64431	5.448	ug/L	96
35) Methylcyclohexane	6.759	83	69894	4.212	ug/L	97
37) 1,2-Dichloropropane	6.788	63	61615	5.318	ug/L	100
38) Bromodichloromethane	7.103	83	76008	5.495	ug/L	98
39) cis-1,3-Dichloropropene	7.608	75	80428	5.104	ug/L	95
40) 4-Methyl-2-pentanone	7.788	43	346630	52.452	ug/L	95
42) Toluene	7.968	91	240240	5.296	ug/L	98
44) trans-1,3-Dichloropropene	8.209	75	66458	5.373	ug/L	96
45) 1,1,2-Trichloroethane	8.396	97	48159	6.172	ug/L	95
47) Tetrachloroethene	8.550	164	41648	5.095	ug/L	98
48) 2-Hexanone	8.682	43	276159	53.350	ug/L	97
49) Dibromochloromethane	8.807	129	48616	5.707	ug/L	94
50) 1,2-Dibromoethane	8.920	107	42973	6.048	ug/L #	92
51) Chlorobenzene	9.444	112	160585	5.345	ug/L	97
52) Ethylbenzene	9.570	91	255742	5.039	ug/L	98
53) m,p-Xylene	9.692	106	97448	5.189	ug/L	92
54) o-Xylene	10.100	106	98030	5.305	ug/L	97
55) Styrene	10.113	104	163364	5.353	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	50906	5.237	ug/L	94
59) Bromoform	10.290	173	26284	5.845	ug/L	97
60) Isopropylbenzene	10.483	105	257857	4.913	ug/L	99
61) 1,2,3-Trichloropropane	10.823	75	43928	5.882	ug/L	97
62) 1,3,5-Trimethylbenzene	11.087	105	206743	4.735	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	196403	4.565	ug/L	97
64) 1,3-Dichlorobenzene	11.743	146	125571	4.984	ug/L	97
65) 1,4-Dichlorobenzene	11.836	146	124129	4.943	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	121325	5.136	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.997	75	7220	5.018	ug/L #	90
69) 1,3,5-Trichlorobenzene	13.219	180	83580	4.390	ug/L	99
70) 1,2,4-trichlorobenzene	13.839	180	63099	3.534	ug/L	97
71) Naphthalene	14.087	128	99379	3.063	ug/L	100
72) 1,2,3-Trichlorobenzene	14.328	180	58684	3.787	ug/L	97

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

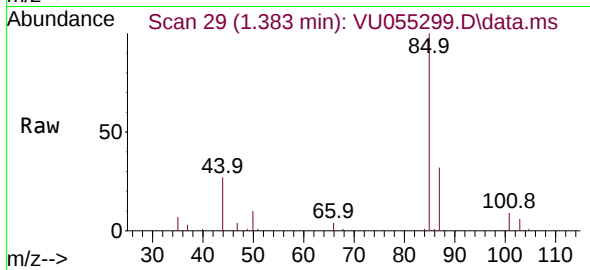
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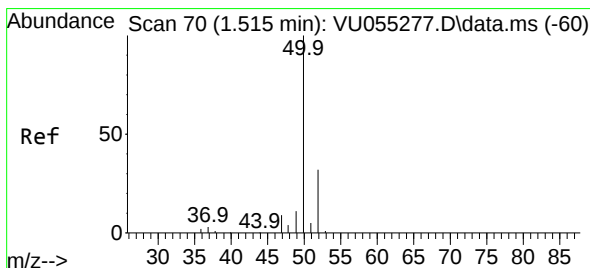
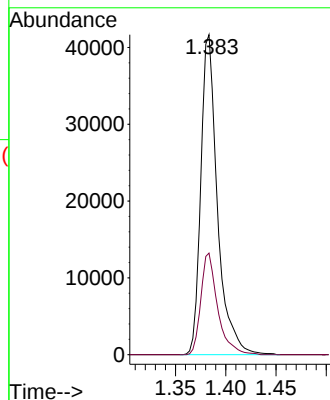
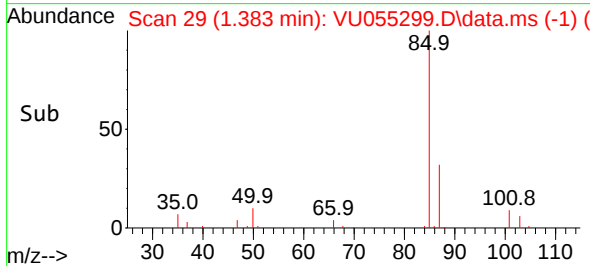


#2
 Dichlorodifluoromethane
 Concen: 4.249 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU055299.D
 Acq: 13 Sep 2023 21:10

Instrument :
 MSVOA_U
 ClientSampleId :

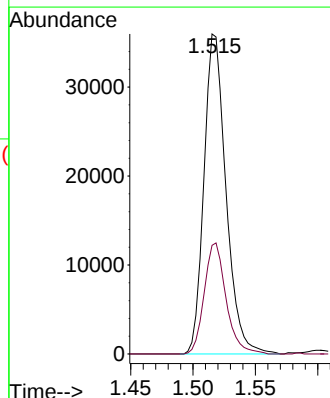
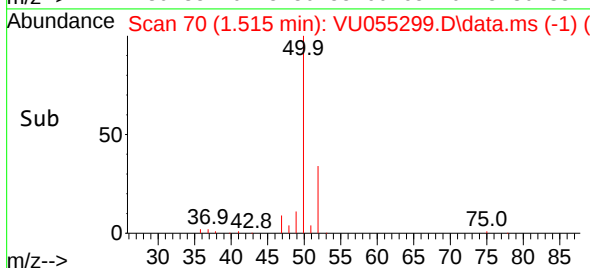
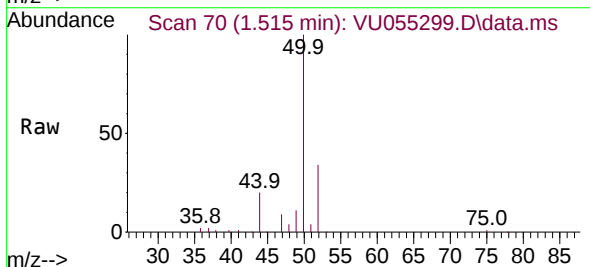


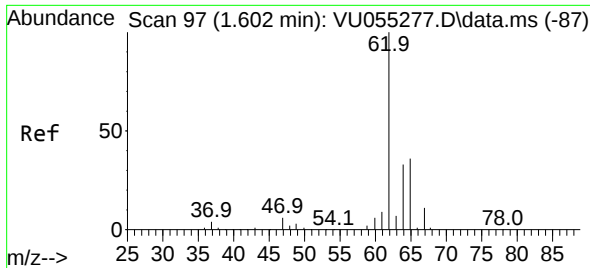
Tgt Ion: 85 Resp: 47941
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.1 37.7



#3
 Chloromethane
 Concen: 3.854 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU055299.D
 Acq: 13 Sep 2023 21:10

Tgt Ion: 50 Resp: 44269
 Ion Ratio Lower Upper
 50 100
 52 34.0 22.5 41.7

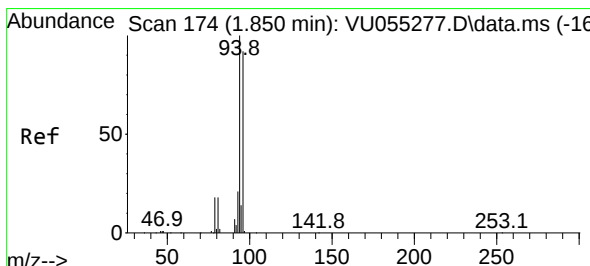
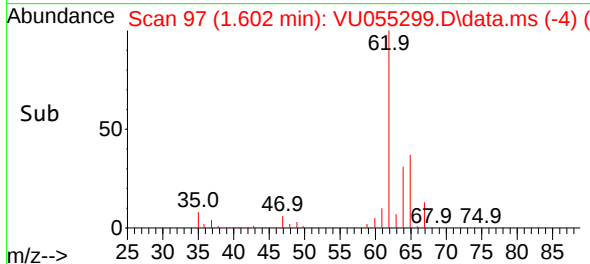
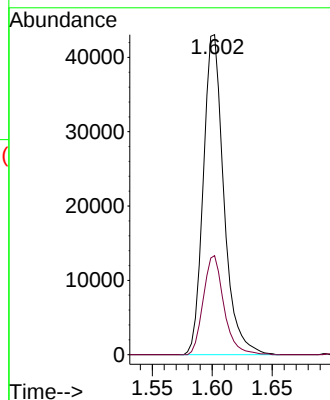
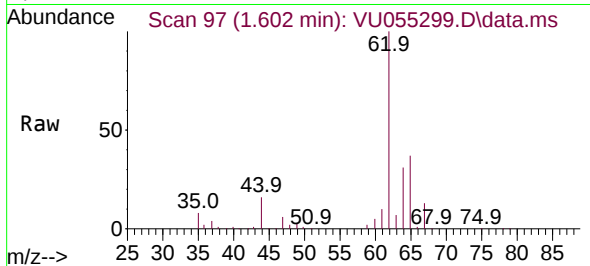




#5
 Vinyl chloride
 Concen: 4.243 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU055299.D
 Acq: 13 Sep 2023 21:10

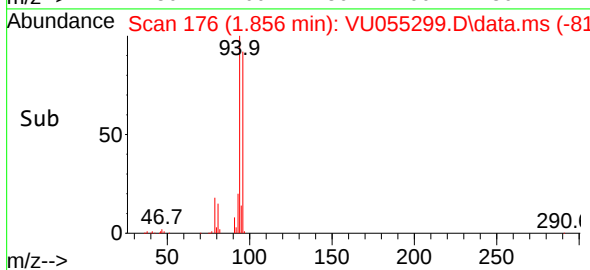
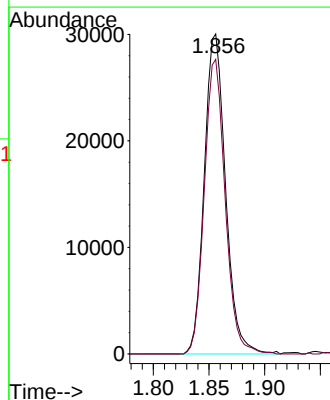
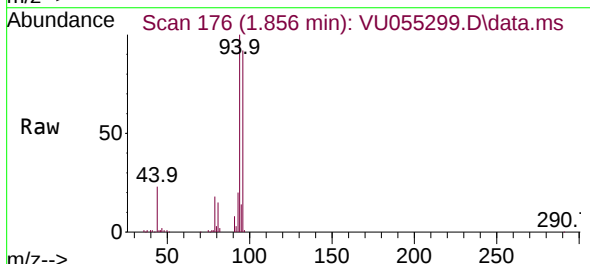
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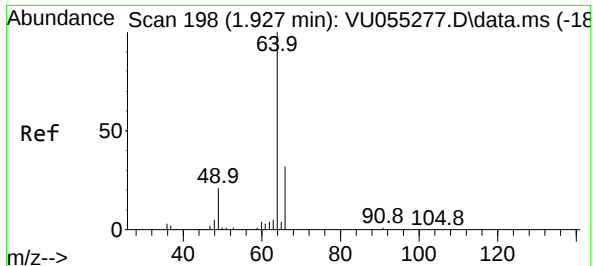
Tgt Ion: 62 Resp: 51411
 Ion Ratio Lower Upper
 62 100
 64 30.9 24.2 45.0



#6
 Bromomethane
 Concen: 5.471 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. 0.006 min
 Lab File: VU055299.D
 Acq: 13 Sep 2023 21:10

Tgt Ion: 94 Resp: 39984
 Ion Ratio Lower Upper
 94 100
 96 92.0 63.8 118.4

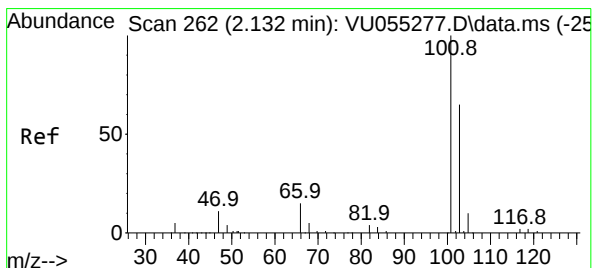
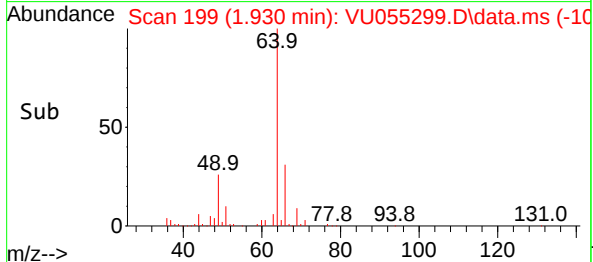
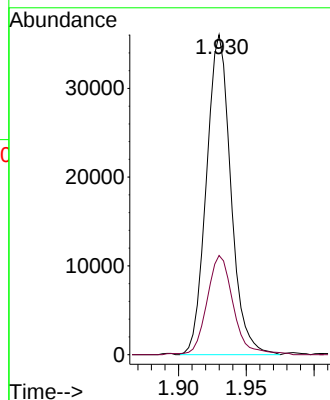
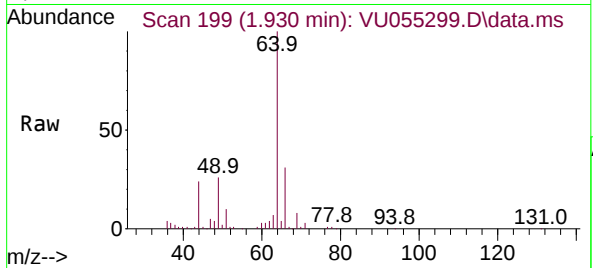




#8
Chloroethane
Concen: 5.726 ug/L
RT: 1.930 min Scan# 198
Delta R.T. 0.003 min
Lab File: VU055299.D
Acq: 13 Sep 2023 21:10

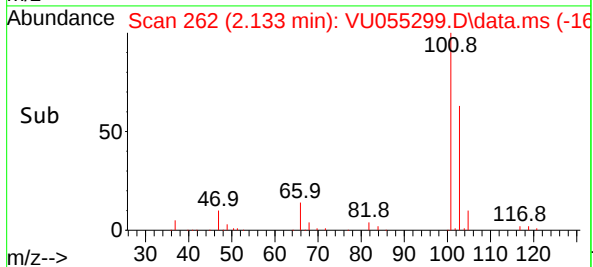
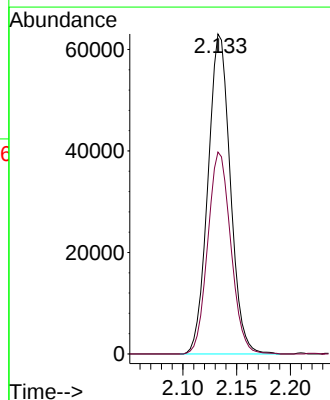
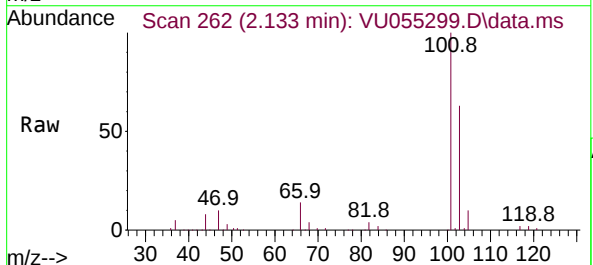
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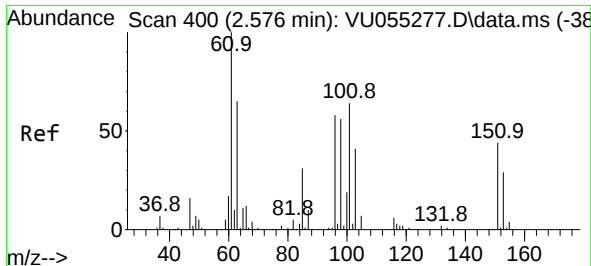
Tgt Ion: 64 Resp: 45178
Ion Ratio Lower Upper
64 100
66 31.0 22.4 41.6



#9
Trichlorofluoromethane
Concen: 5.169 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU055299.D
Acq: 13 Sep 2023 21:10

Tgt Ion:101 Resp: 91074
Ion Ratio Lower Upper
101 100
103 65.0 51.9 77.9

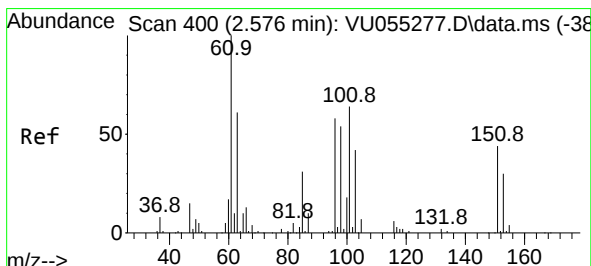
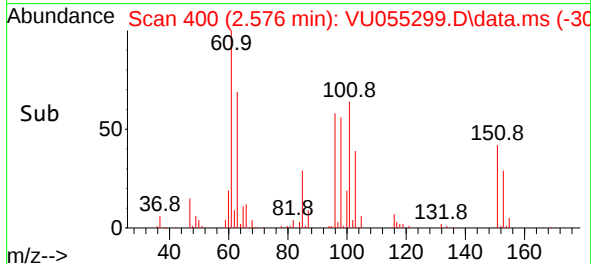
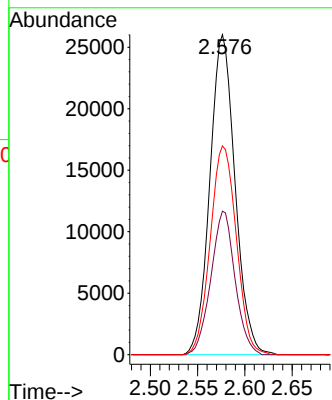
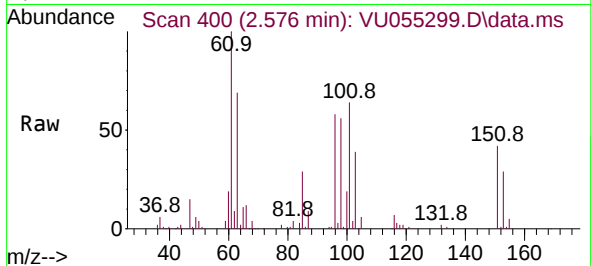




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.699 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU055299.D
 Acq: 13 Sep 2023 21:10

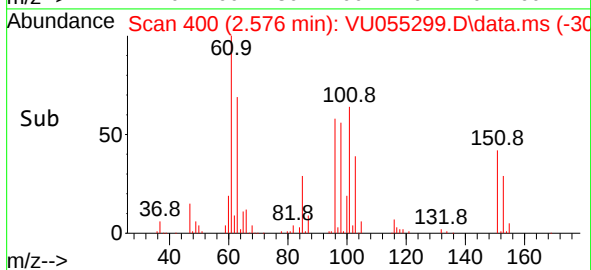
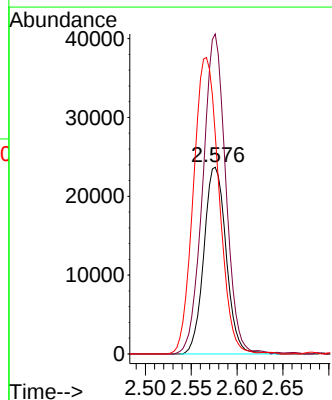
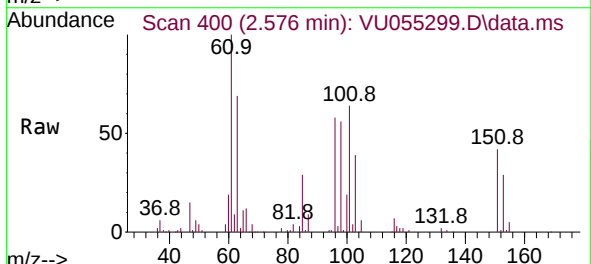
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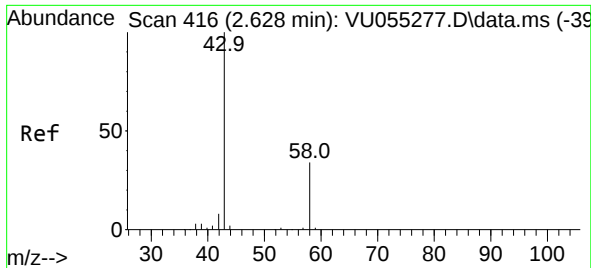
Tgt Ion:101 Resp: 48177
 Ion Ratio Lower Upper
 101 100
 85 43.1 37.3 55.9
 151 67.6 57.6 86.4



#12
 1,1-Dichloroethene
 Concen: 4.461 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU055299.D
 Acq: 13 Sep 2023 21:10

Tgt Ion: 96 Resp: 40040
 Ion Ratio Lower Upper
 96 100
 61 171.4 120.8 224.4
 63 117.7 94.5 175.5





#13

Acetone

Concen: 45.515 ug/L

RT: 2.641 min Scan# 416

Delta R.T. 0.013 min

Lab File: VU055299.D

Acq: 13 Sep 2023 21:10

Instrument :

MSVOA_U

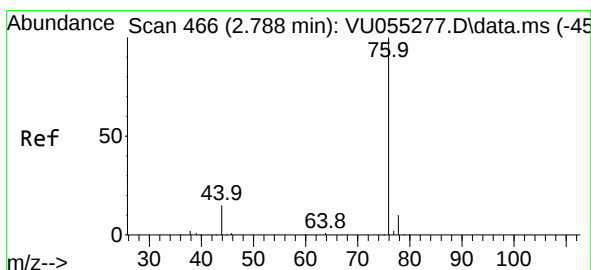
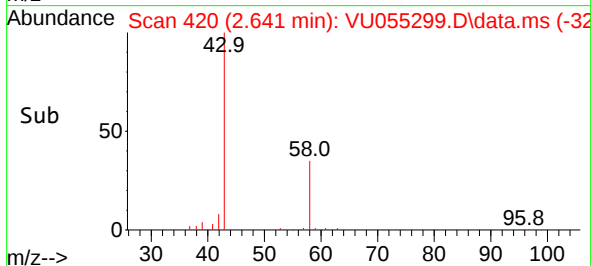
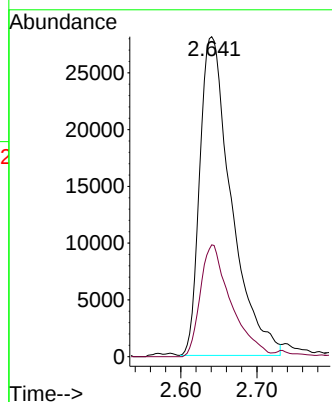
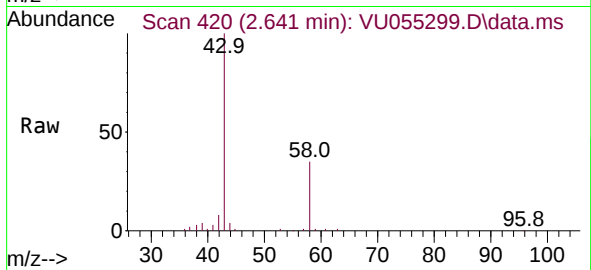
ClientSampleId :

Tgt Ion: 43 Resp: 80556

Ion Ratio Lower Upper

43 100

58 34.2 0.0 67.8



#14

Carbon disulfide

Concen: 3.784 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU055299.D

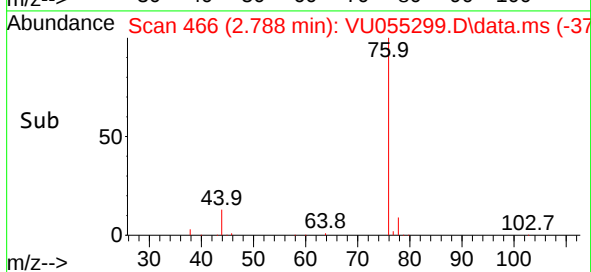
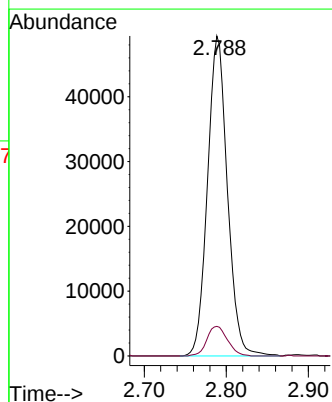
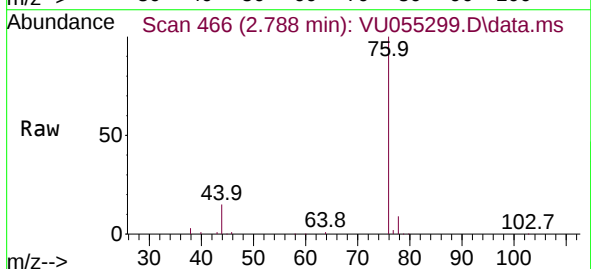
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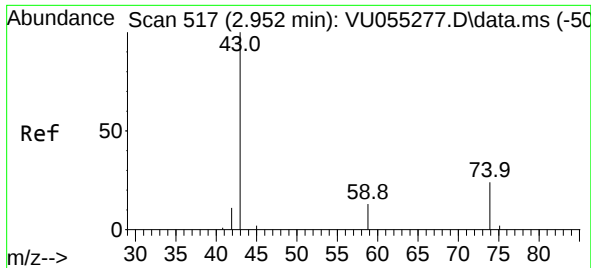
Tgt Ion: 76 Resp: 83187

Ion Ratio Lower Upper

76 100

78 9.6 6.8 10.2

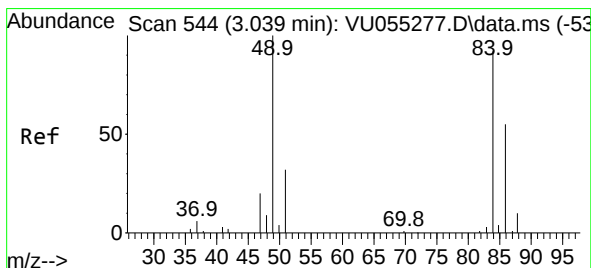
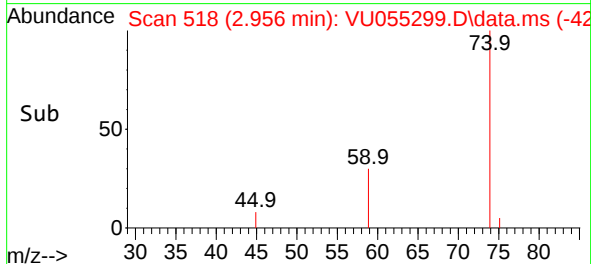
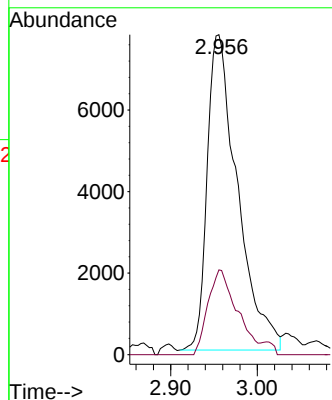
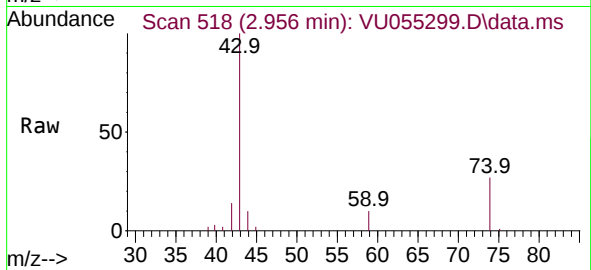




#15
Methyl Acetate
Concen: 5.182 ug/L
RT: 2.956 min Scan# 517
Delta R.T. 0.003 min
Lab File: VU055299.D
Acq: 13 Sep 2023 21:10

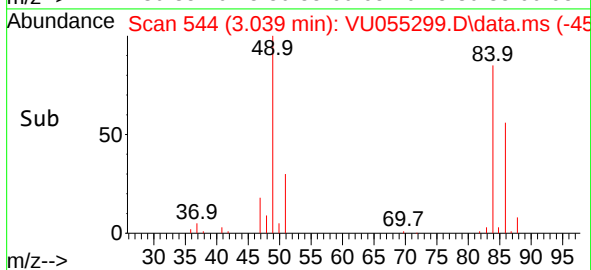
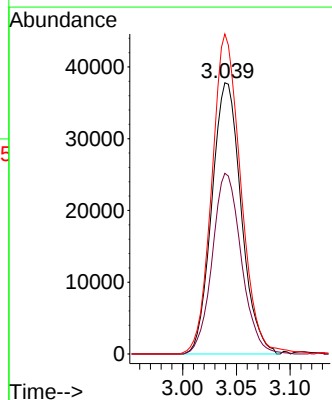
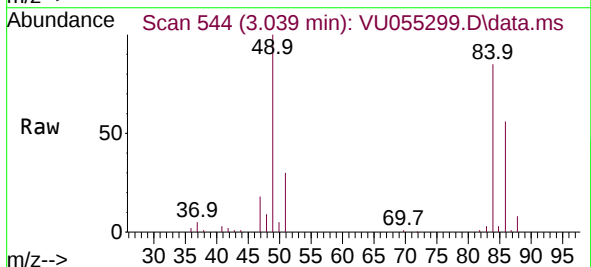
Instrument :
MSVOA_U
ClientSampleId :

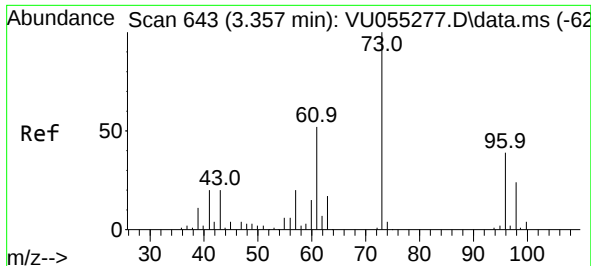
Tgt Ion: 43 Resp: 18772
Ion Ratio Lower Upper
43 100
74 25.9 18.4 27.6



#16
Methylene chloride
Concen: 5.229 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU055299.D
Acq: 13 Sep 2023 21:10

Tgt Ion: 84 Resp: 71716
Ion Ratio Lower Upper
84 100
86 66.6 43.4 80.6
49 118.0 87.7 162.9

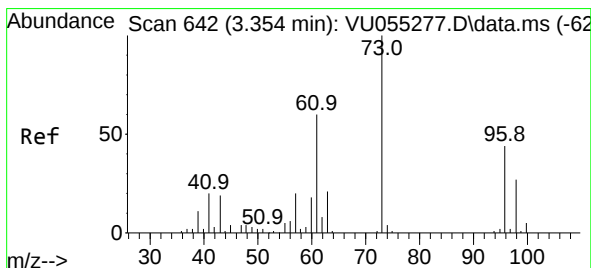
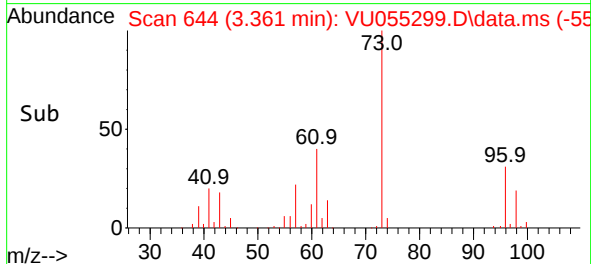
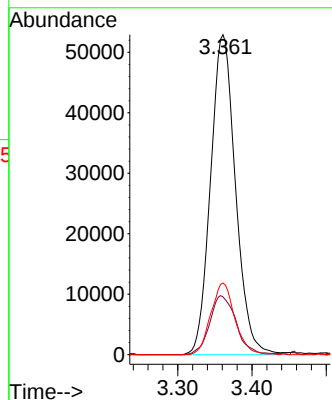
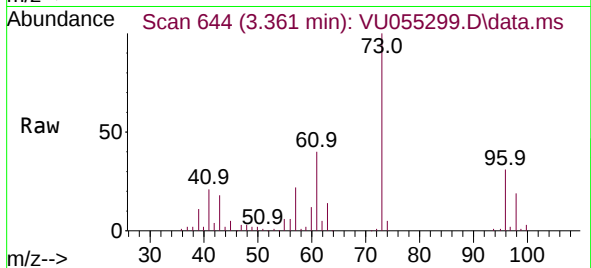




#17
Methyl tert-butyl Ether
Concen: 5.245 ug/L
RT: 3.361 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU055299.D
Acq: 13 Sep 2023 21:10

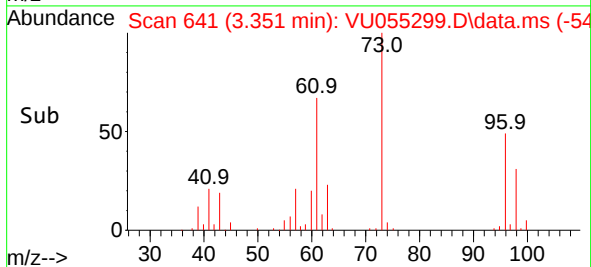
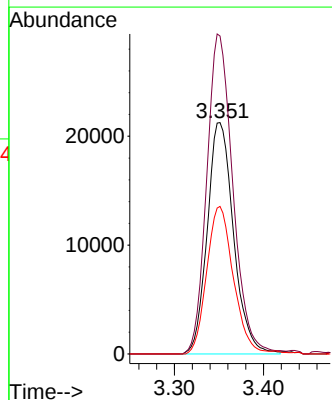
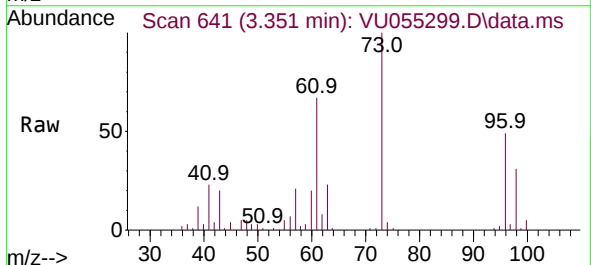
Instrument :
MSVOA_U
ClientSampleId :

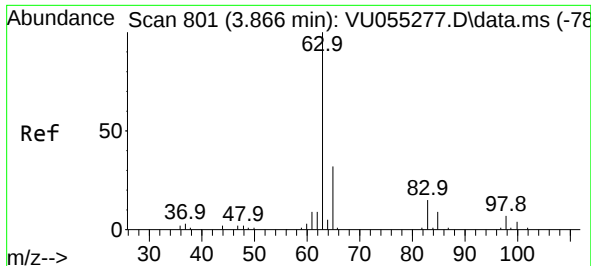
Tgt Ion: 73 Resp: 123483
Ion Ratio Lower Upper
73 100
43 19.7 16.2 24.2
57 21.6 17.4 26.2



#18
trans-1,2-Dichloroethene
Concen: 4.787 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU055299.D
Acq: 13 Sep 2023 21:10

Tgt Ion: 96 Resp: 43596
Ion Ratio Lower Upper
96 100
61 137.4 108.1 200.9
98 63.7 45.4 84.4





#19

1,1-Dichloroethane

Concen: 5.193 ug/L

RT: 3.866 min Scan# 801

Delta R.T. 0.000 min

Lab File: VU055299.D

Acq: 13 Sep 2023 21:10

Instrument :

MSVOA_U

ClientSampleId :

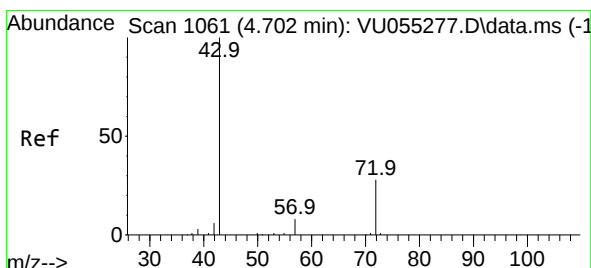
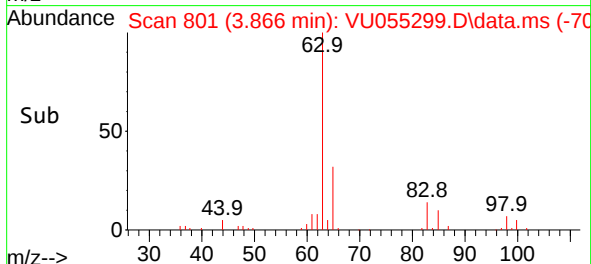
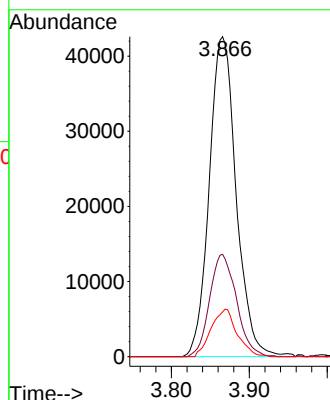
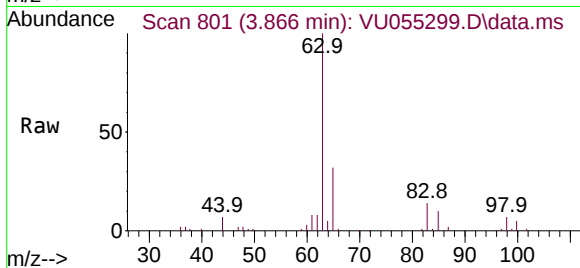
Tgt Ion: 63 Resp: 102215

Ion Ratio Lower Upper

63 100

65 32.0 22.2 41.2

83 14.0 10.6 19.8



#21

2-Butanone

Concen: 55.980 ug/L

RT: 4.708 min Scan# 1063

Delta R.T. 0.006 min

Lab File: VU055299.D

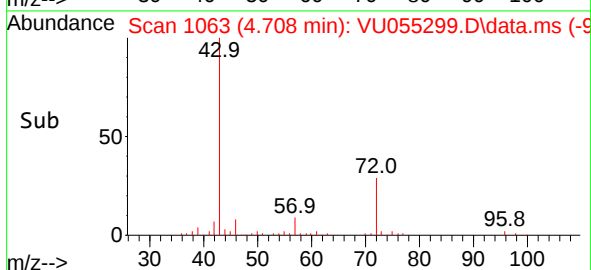
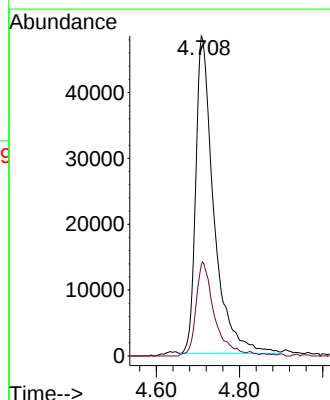
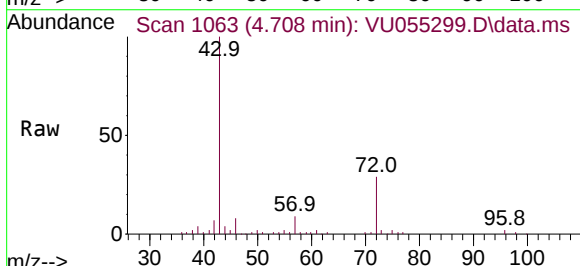
Acq: 13 Sep 2023 21:10

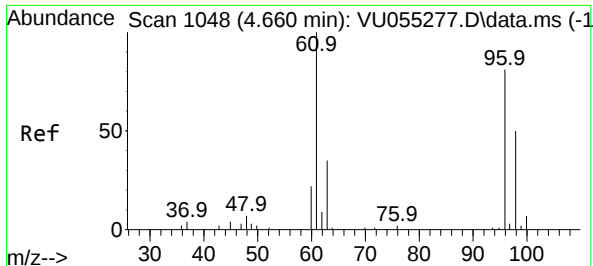
Tgt Ion: 43 Resp: 145570

Ion Ratio Lower Upper

43 100

72 29.7 13.5 40.5





#22

cis-1,2-Dichloroethene

Concen: 5.360 ug/L

RT: 4.663 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU055299.D

Acq: 13 Sep 2023 21:10

Instrument :

MSVOA_U

ClientSampleId :

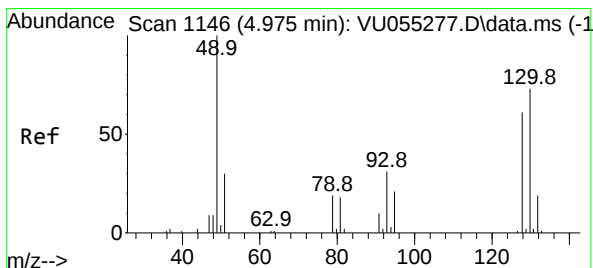
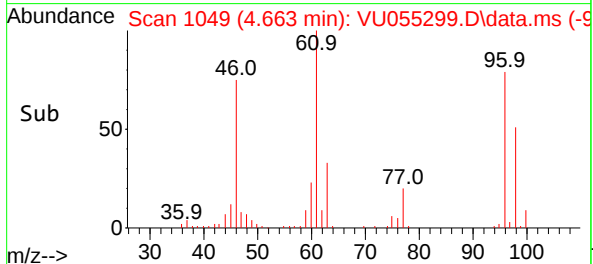
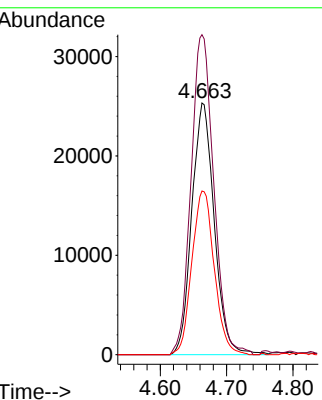
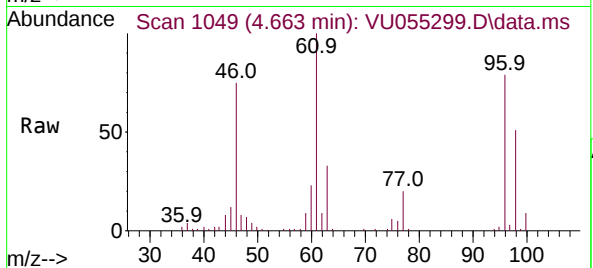
Tgt Ion: 96 Resp: 59749

Ion Ratio Lower Upper

96 100

61 127.1 97.2 180.4

98 65.0 46.1 85.7



#23

Bromochloromethane

Concen: 5.848 ug/L

RT: 4.975 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VU055299.D

Acq: 13 Sep 2023 21:10

Tgt Ion: 128 Resp: 26812

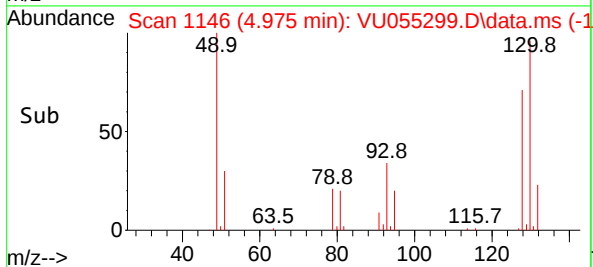
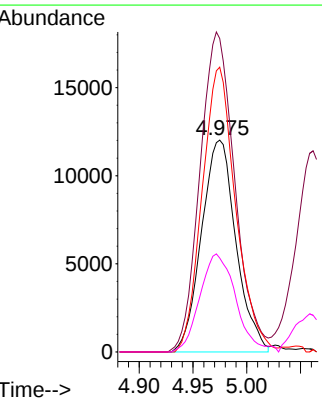
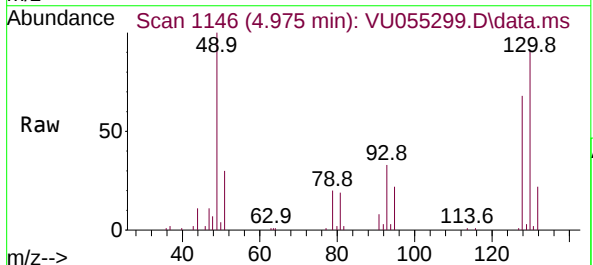
Ion Ratio Lower Upper

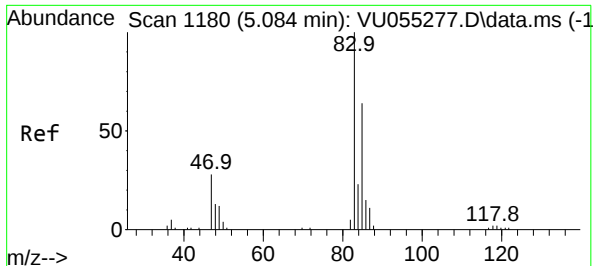
128 100

49 148.0 118.9 220.9

130 134.4 88.0 163.4

51 44.4 40.4 60.6





#25

Chloroform

Concen: 5.705 ug/L

RT: 5.084 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU055299.D

Acq: 13 Sep 2023 21:10

Instrument :

MSVOA_U

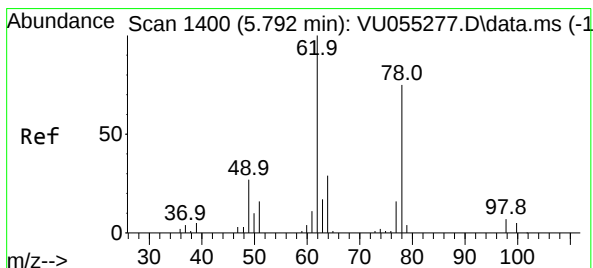
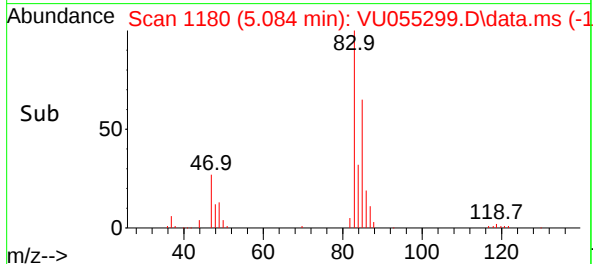
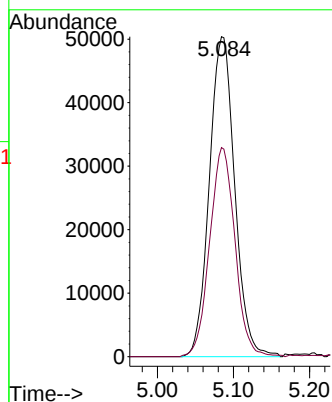
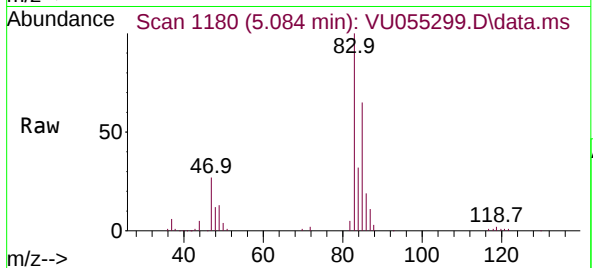
ClientSampleId :

Tgt Ion: 83 Resp: 116951

Ion Ratio Lower Upper

83 100

85 65.4 47.2 87.6



#27

1,2-Dichloroethane

Concen: 5.429 ug/L

RT: 5.795 min Scan# 1401

Delta R.T. 0.003 min

Lab File: VU055299.D

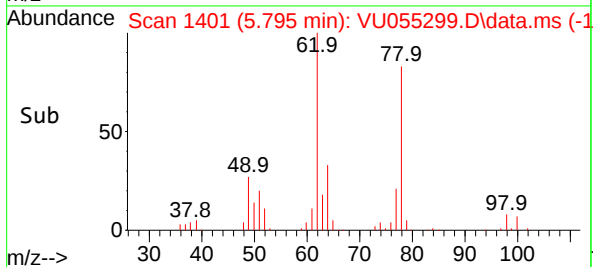
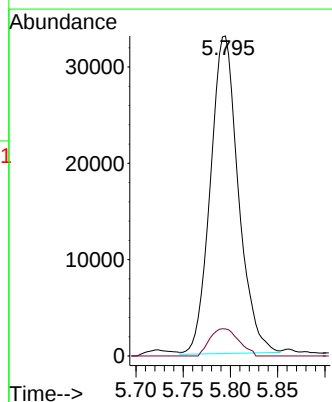
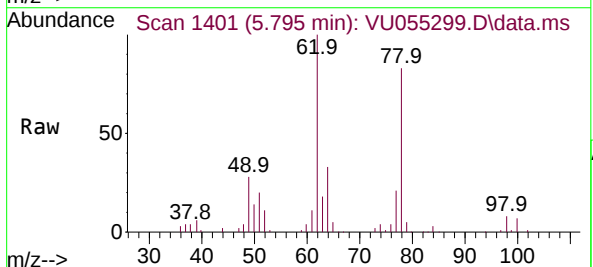
Acq: 13 Sep 2023 21:10

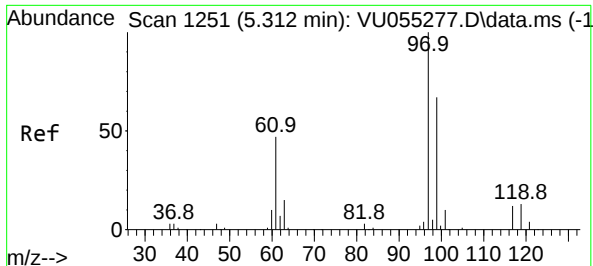
Tgt Ion: 62 Resp: 67921

Ion Ratio Lower Upper

62 100

98 8.5 6.9 10.3





#29

1,1,1-Trichloroethane

Concen: 5.143 ug/L

RT: 5.316 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU055299.D

Acq: 13 Sep 2023 21:10

Instrument :

MSVOA_U

ClientSampleId :

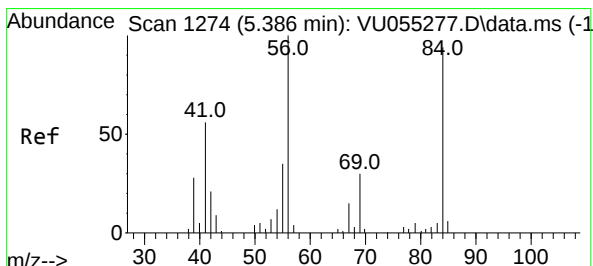
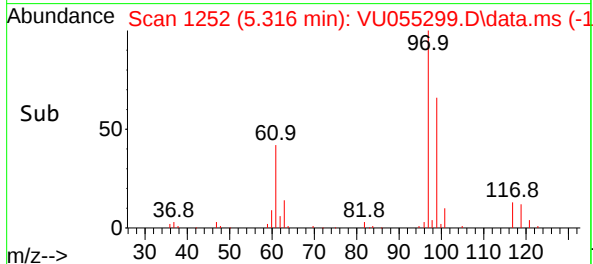
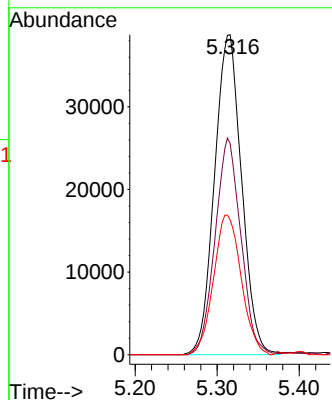
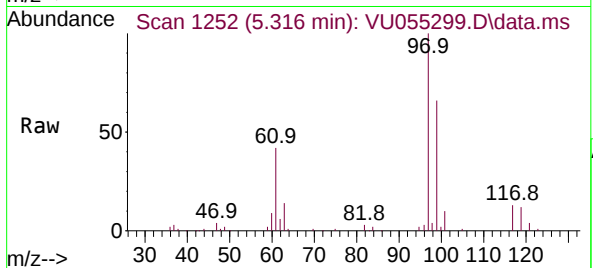
Tgt Ion: 97 Resp: 88947

Ion Ratio Lower Upper

97 100

99 64.3 51.8 77.8

61 44.7 36.8 55.2



#30

Cyclohexane

Concen: 4.186 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. -0.003 min

Lab File: VU055299.D

Acq: 13 Sep 2023 21:10

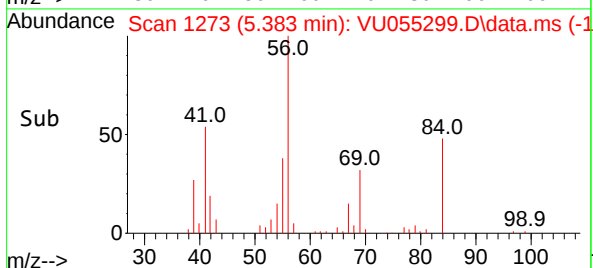
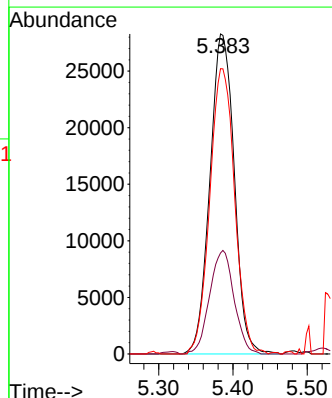
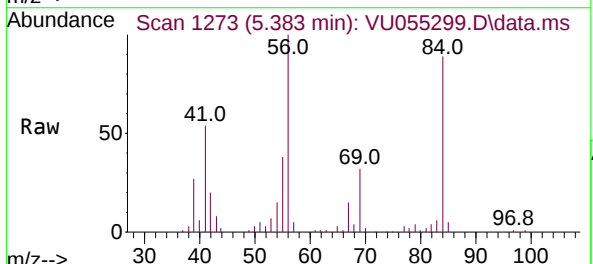
Tgt Ion: 56 Resp: 64385

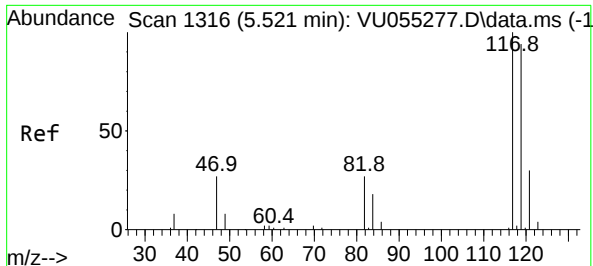
Ion Ratio Lower Upper

56 100

69 32.5 24.6 37.0

84 90.9 68.8 103.2

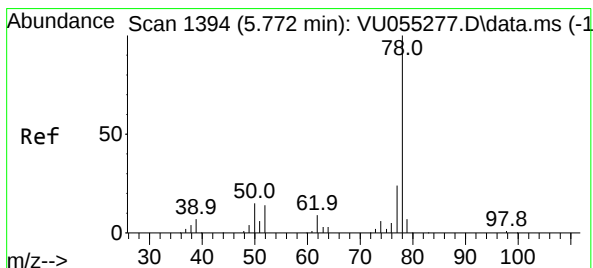
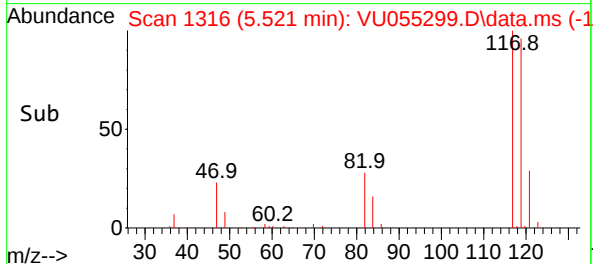
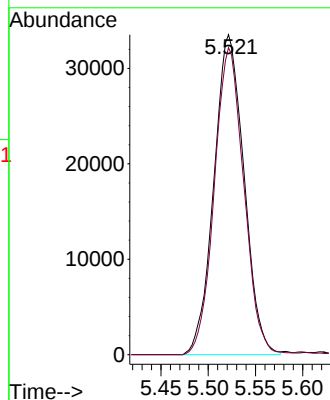
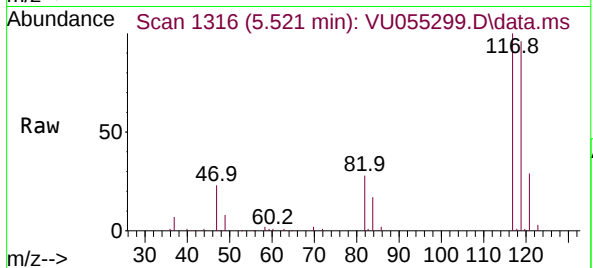




#31
Carbon tetrachloride
Concen: 5.160 ug/L
RT: 5.521 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VU055299.D
Acq: 13 Sep 2023 21:10

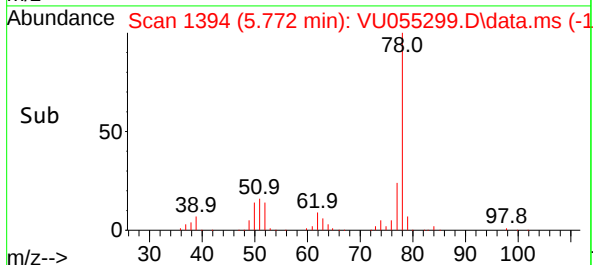
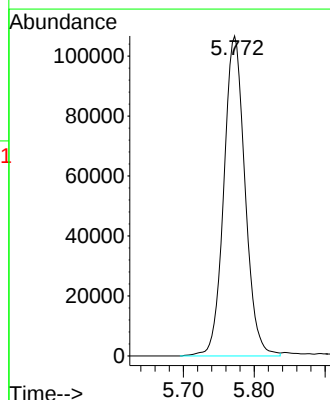
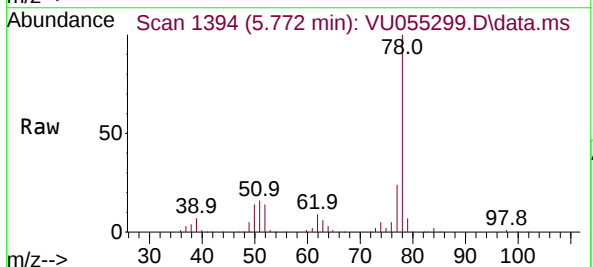
Instrument :
MSVOA_U
ClientSampleId :

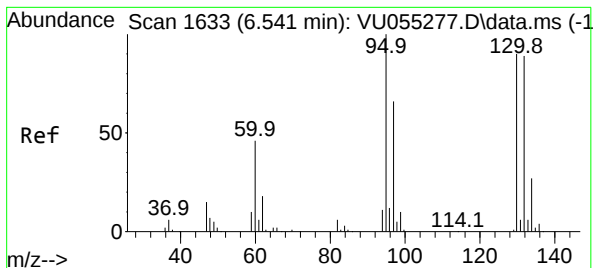
Tgt Ion:117 Resp: 74201
Ion Ratio Lower Upper
117 100
119 94.0 75.4 113.0



#33
Benzene
Concen: 5.210 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VU055299.D
Acq: 13 Sep 2023 21:10

Tgt Ion: 78 Resp: 221718





#34

Trichloroethene

Concen: 5.448 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU055299.D

Acq: 13 Sep 2023 21:10

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 64431

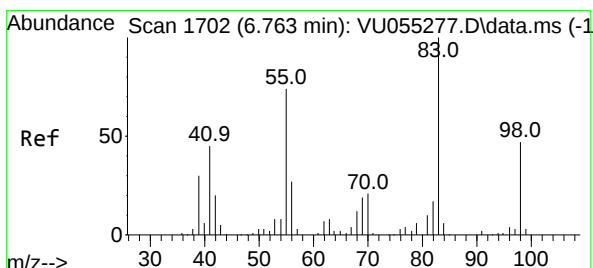
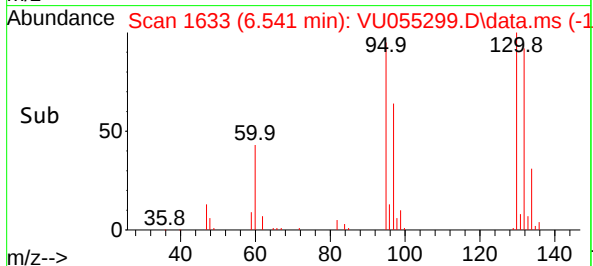
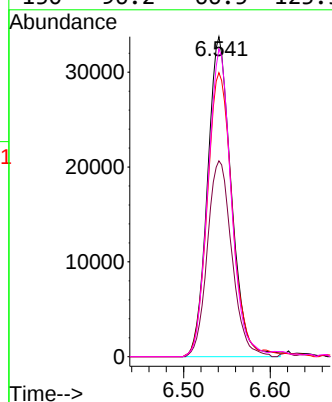
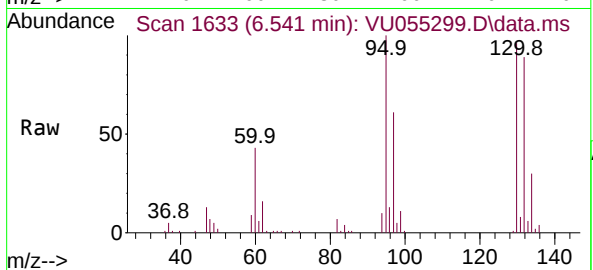
Ion Ratio Lower Upper

95 100

97 61.2 44.7 83.1

132 88.7 66.6 123.6

130 96.2 66.5 123.5



#35

Methylcyclohexane

Concen: 4.212 ug/L

RT: 6.759 min Scan# 1701

Delta R.T. -0.003 min

Lab File: VU055299.D

Acq: 13 Sep 2023 21:10

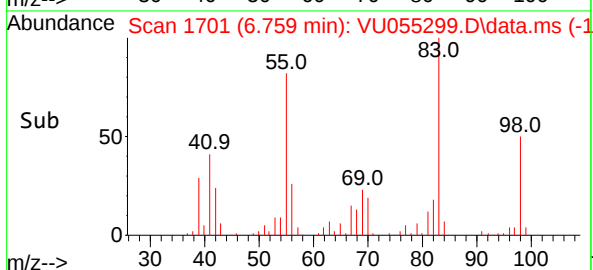
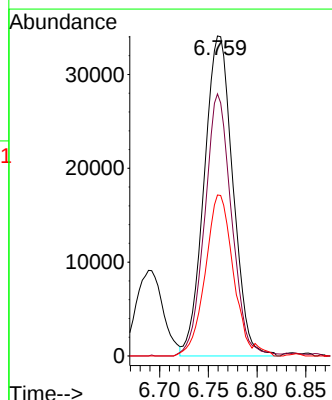
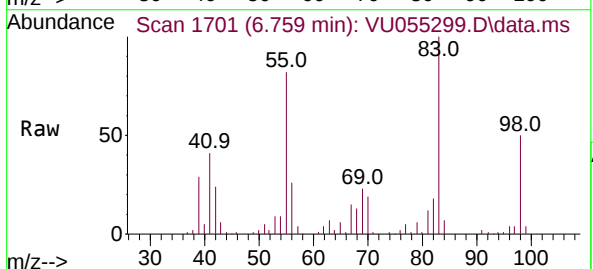
Tgt Ion: 83 Resp: 69894

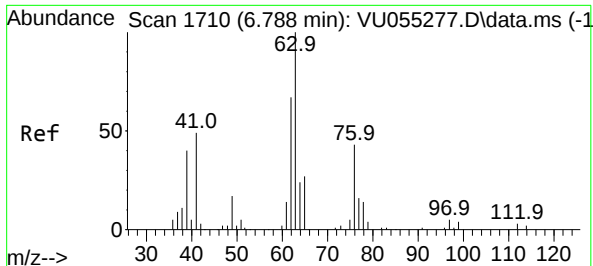
Ion Ratio Lower Upper

83 100

55 76.8 60.4 90.6

98 48.1 35.3 52.9





#37

1,2-Dichloropropane

Concen: 5.318 ug/L

RT: 6.788 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU055299.D

Acq: 13 Sep 2023 21:10

Instrument :

MSVOA_U

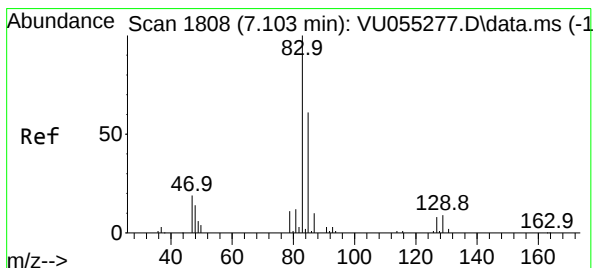
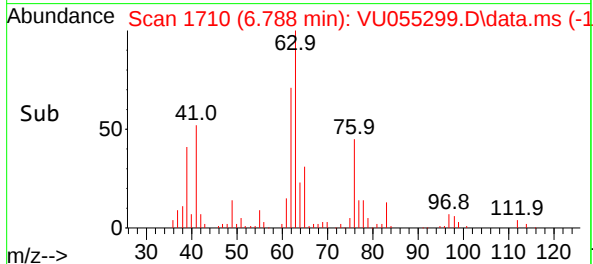
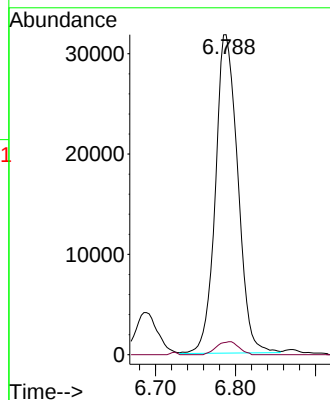
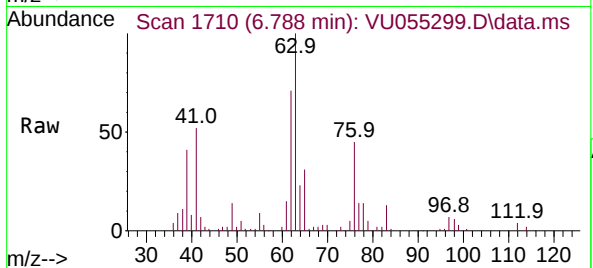
ClientSampleId :

Tgt Ion: 63 Resp: 61615

Ion Ratio Lower Upper

63 100

112 4.1 3.2 4.8



#38

Bromodichloromethane

Concen: 5.495 ug/L

RT: 7.103 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VU055299.D

Acq: 13 Sep 2023 21:10

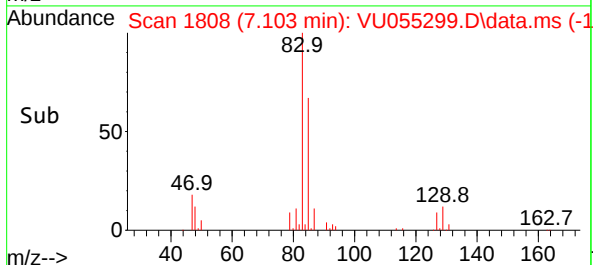
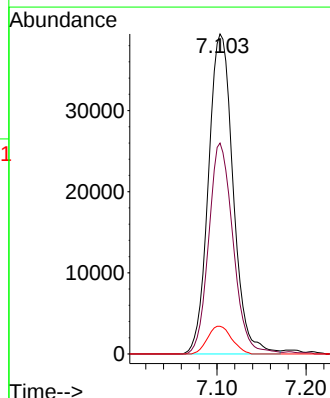
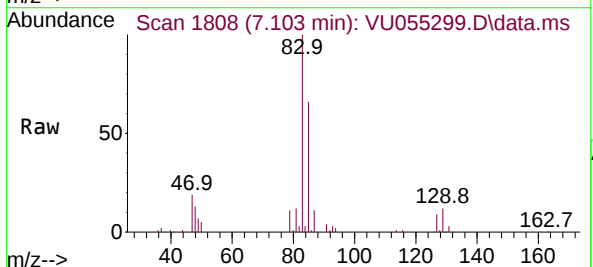
Tgt Ion: 83 Resp: 76008

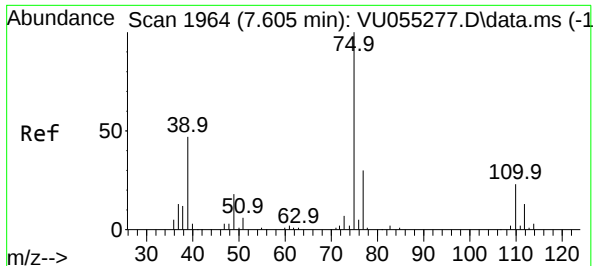
Ion Ratio Lower Upper

83 100

85 65.9 44.9 83.5

127 8.6 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 5.104 ug/L

RT: 7.608 min Scan# 1964

Delta R.T. 0.003 min

Lab File: VU055299.D

Acq: 13 Sep 2023 21:10

Instrument :

MSVOA_U

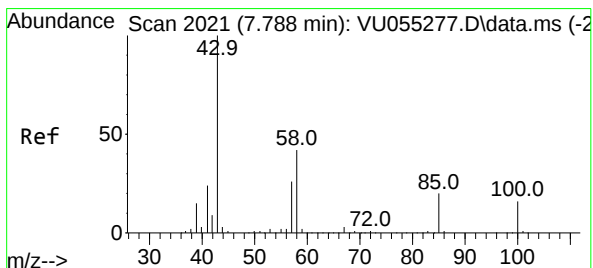
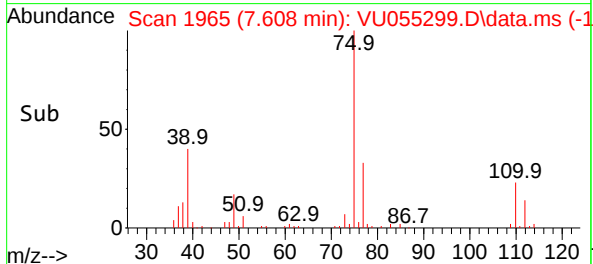
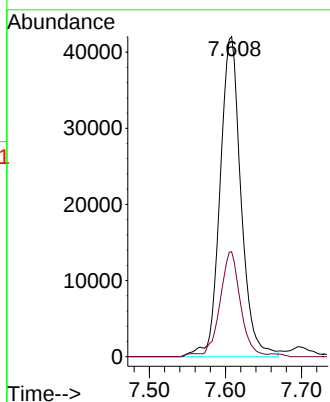
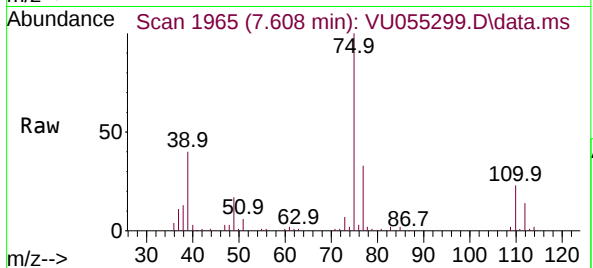
ClientSampleId :

Tgt Ion: 75 Resp: 80428

Ion Ratio Lower Upper

75 100

77 32.8 20.9 38.9



#40

4-Methyl-2-pentanone

Concen: 52.452 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. 0.000 min

Lab File: VU055299.D

Acq: 13 Sep 2023 21:10

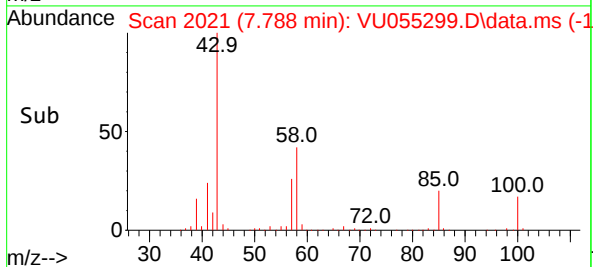
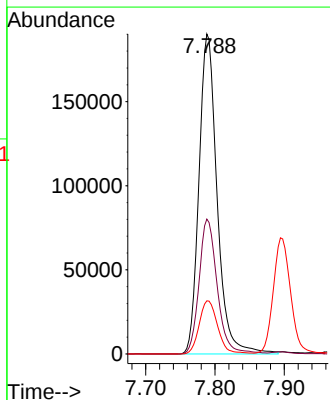
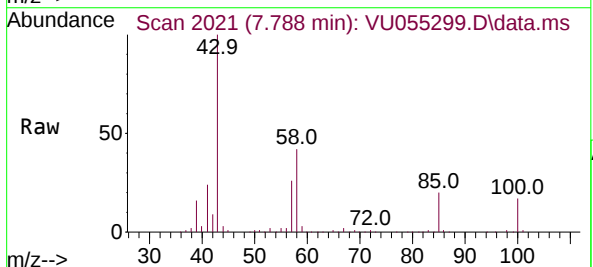
Tgt Ion: 43 Resp: 346630

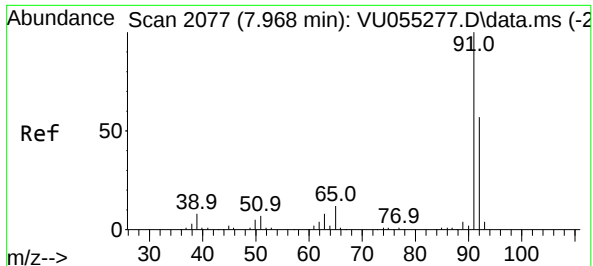
Ion Ratio Lower Upper

43 100

58 42.2 31.5 47.3

100 16.9 11.8 17.8





#42

Toluene

Concen: 5.296 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. 0.000 min

Lab File: VU055299.D

Acq: 13 Sep 2023 21:10

Instrument :

MSVOA_U

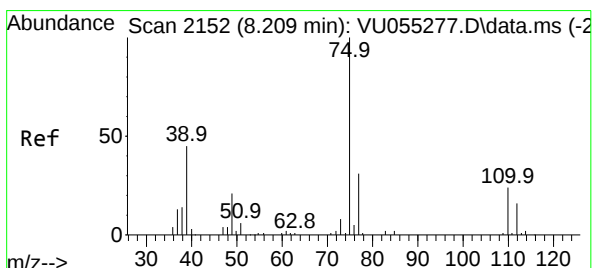
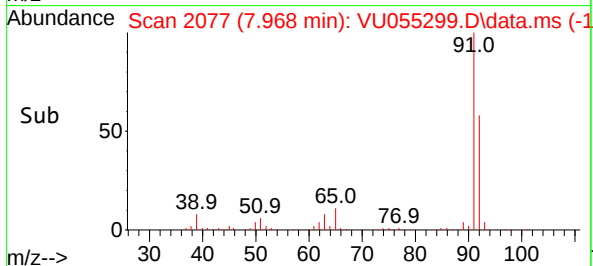
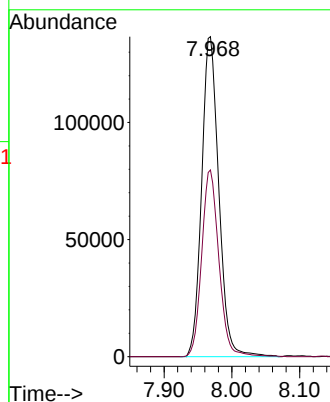
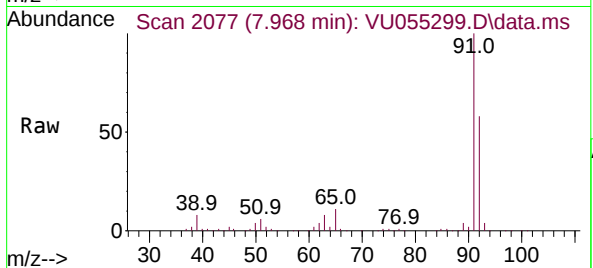
ClientSampleId :

Tgt Ion: 91 Resp: 240240

Ion Ratio Lower Upper

91 100

92 58.3 41.9 77.9



#44

trans-1,3-Dichloropropene

Concen: 5.373 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. 0.000 min

Lab File: VU055299.D

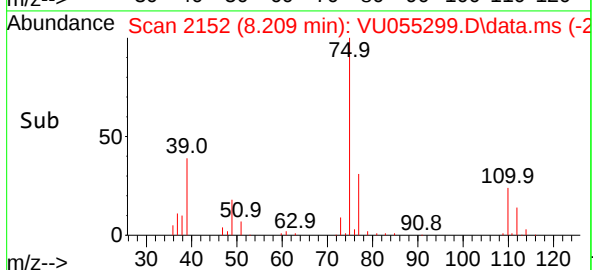
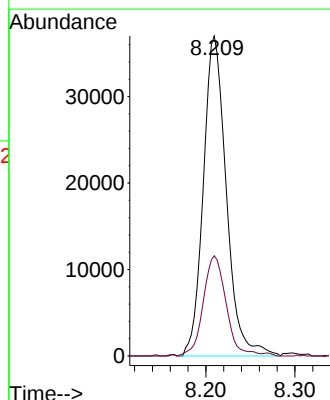
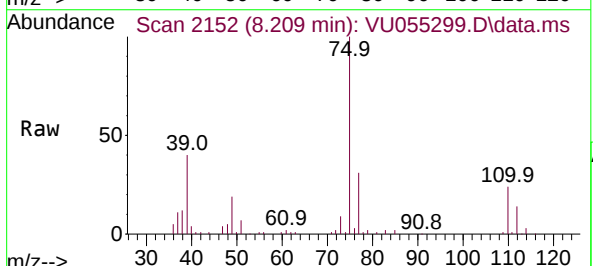
Acq: 13 Sep 2023 21:10

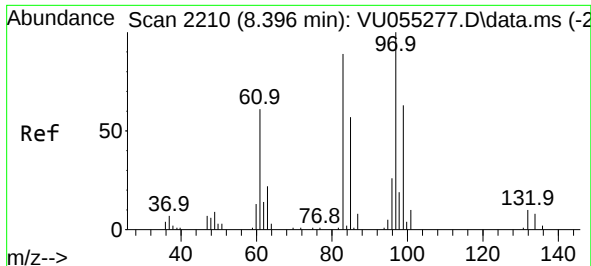
Tgt Ion: 75 Resp: 66458

Ion Ratio Lower Upper

75 100

77 31.3 20.5 38.1

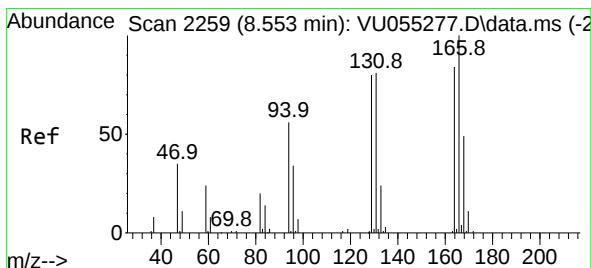
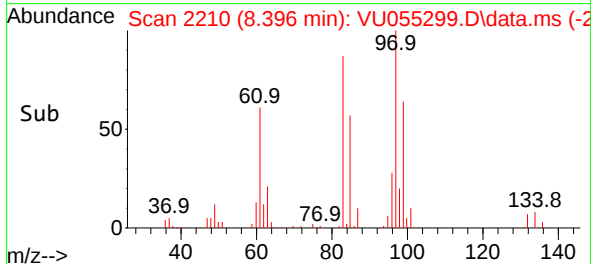
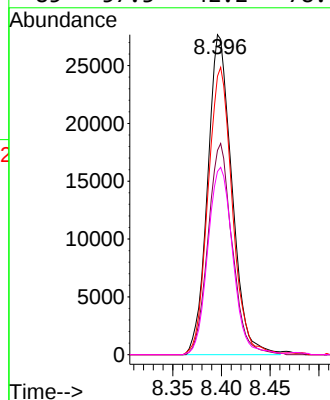
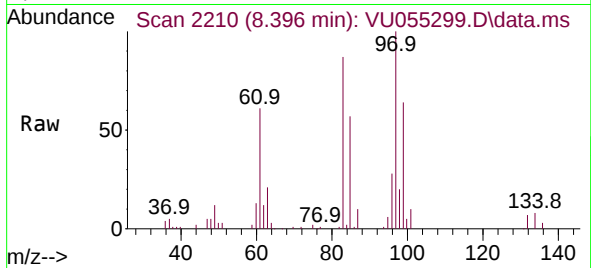




#45
1,1,2-Trichloroethane
Concen: 6.172 ug/L
RT: 8.396 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055299.D
Acq: 13 Sep 2023 21:10

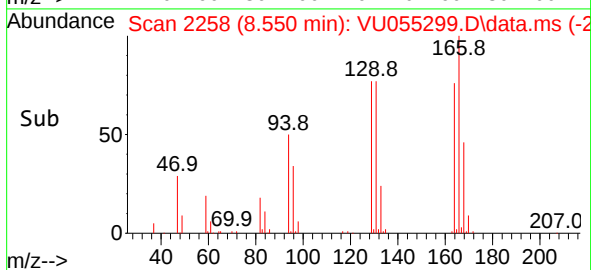
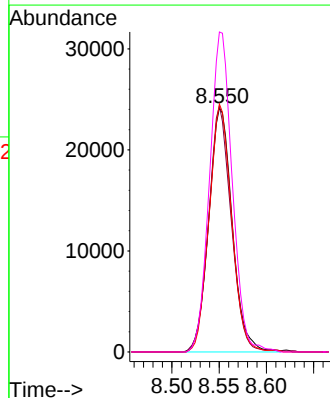
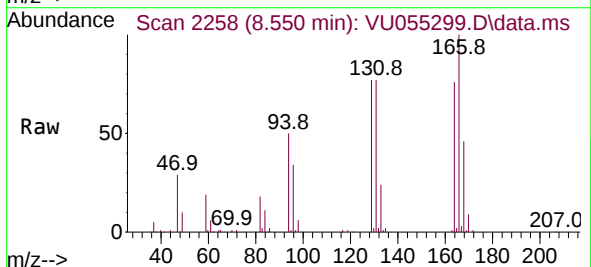
Instrument :
MSVOA_U
ClientSampleId :

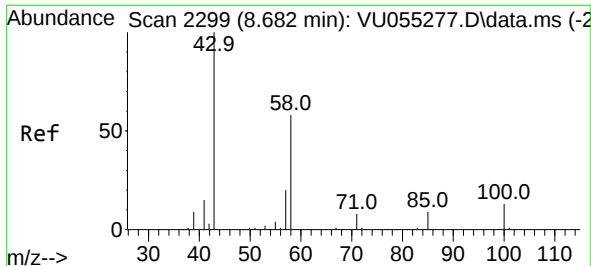
Tgt Ion:	97	Resp:	48159
Ion	Ratio	Lower	Upper
97	100		
99	63.8	44.9	83.5
83	87.0	66.9	124.3
85	57.3	42.2	78.4



#47
Tetrachloroethene
Concen: 5.095 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.003 min
Lab File: VU055299.D
Acq: 13 Sep 2023 21:10

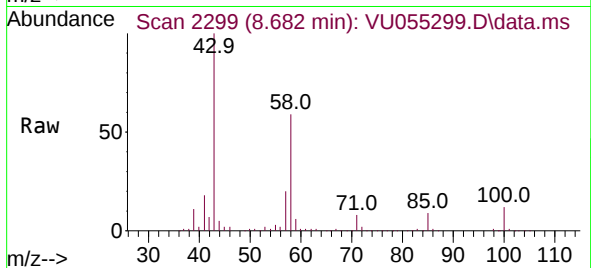
Tgt Ion:	164	Resp:	41648
Ion	Ratio	Lower	Upper
164	100		
129	100.9	69.2	128.6
131	101.6	68.8	127.8
166	131.1	92.3	171.5



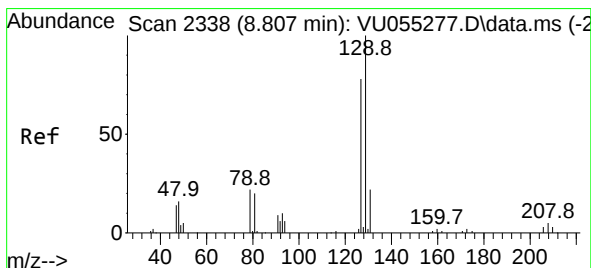
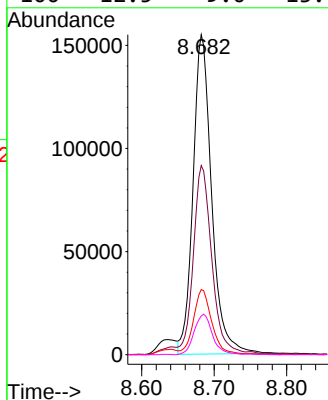
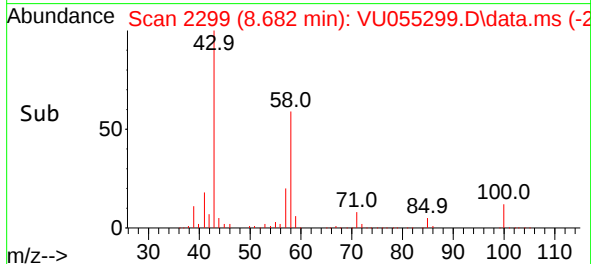


#48
2-Hexanone
Concen: 53.350 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055299.D
Acq: 13 Sep 2023 21:10

Instrument :
MSVOA_U
ClientSampleId :

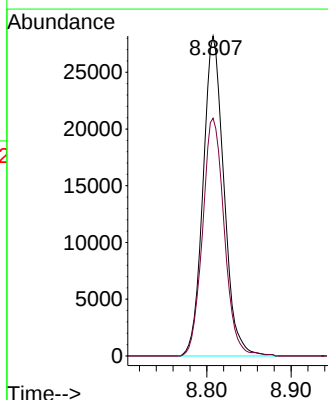
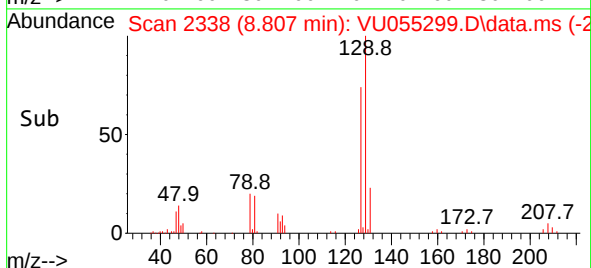
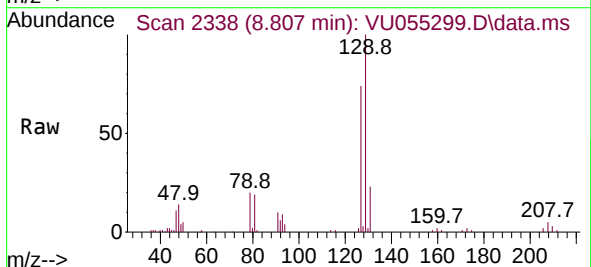


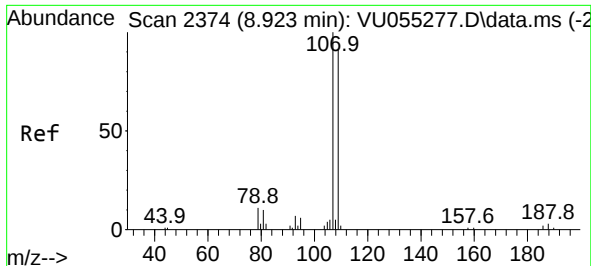
Tgt Ion: 43 Resp: 276159
Ion Ratio Lower Upper
43 100
58 57.1 44.0 66.0
57 19.7 16.2 24.2
100 12.5 9.0 13.4



#49
Dibromochloromethane
Concen: 5.707 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. 0.000 min
Lab File: VU055299.D
Acq: 13 Sep 2023 21:10

Tgt Ion: 129 Resp: 48616
Ion Ratio Lower Upper
129 100
127 74.3 55.9 103.7





#50

1,2-Dibromoethane

Concen: 6.048 ug/L

RT: 8.920 min Scan# 21

Delta R.T. -0.003 min

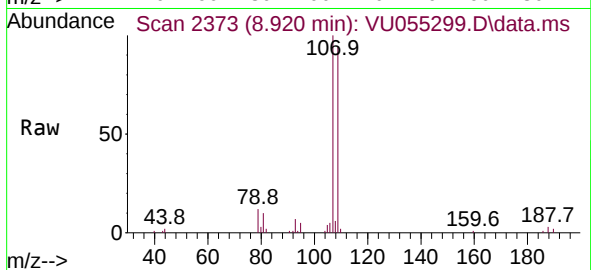
Lab File: VU055299.D

Acq: 13 Sep 2023 21:10

Instrument :

MSVOA_U

ClientSampleId :



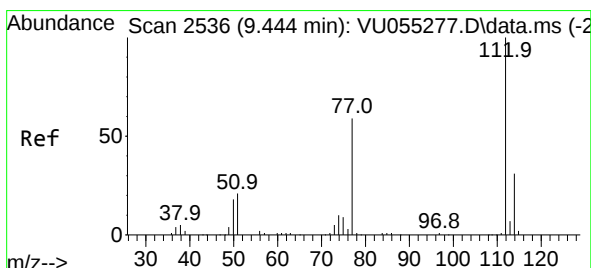
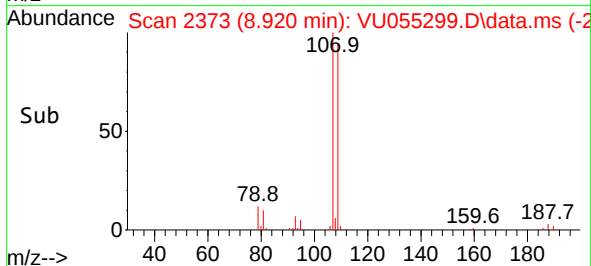
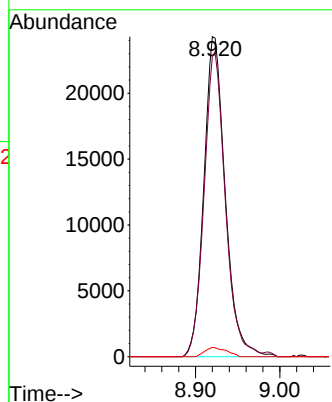
Tgt Ion:107 Resp: 42973

Ion Ratio Lower Upper

107 100

109 94.0 71.4 132.6

188 2.9 3.1 4.7#



#51

Chlorobenzene

Concen: 5.345 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. 0.000 min

Lab File: VU055299.D

Acq: 13 Sep 2023 21:10

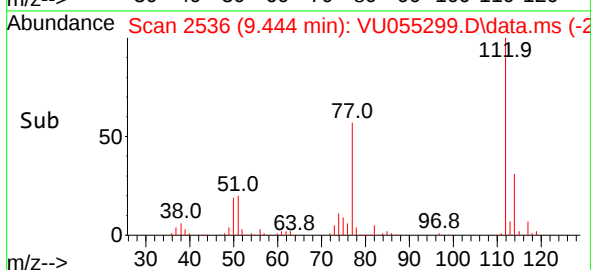
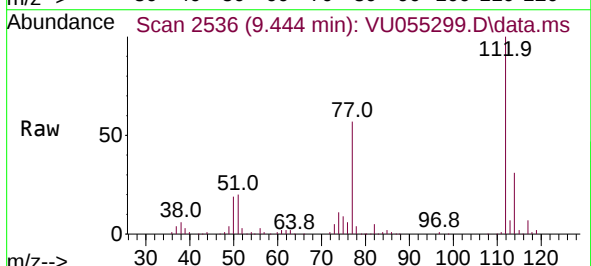
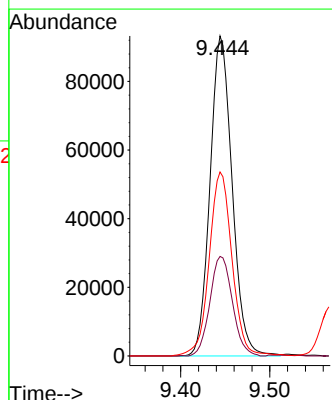
Tgt Ion:112 Resp: 160585

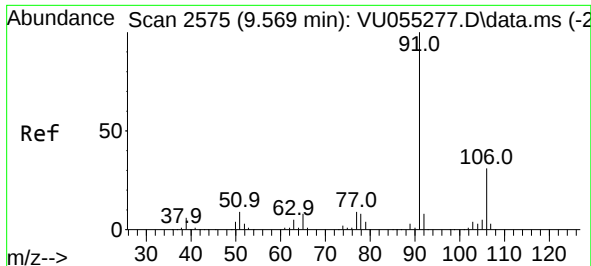
Ion Ratio Lower Upper

112 100

114 31.1 21.7 40.3

77 57.5 48.6 72.8

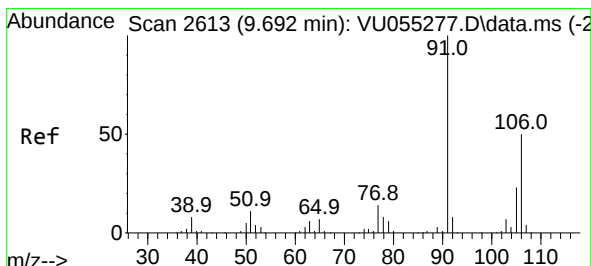
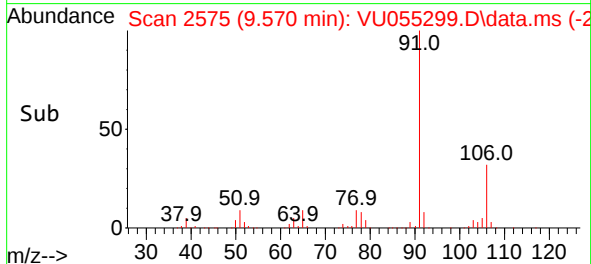
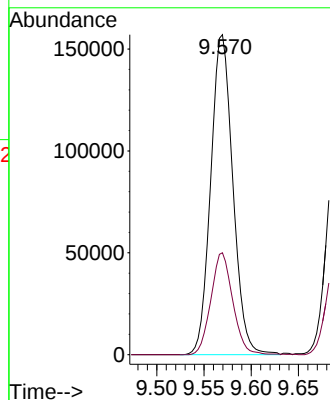
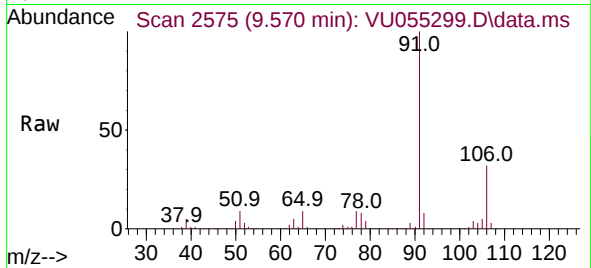




#52
Ethylbenzene
Concen: 5.039 ug/L
RT: 9.570 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055299.D
Acq: 13 Sep 2023 21:10

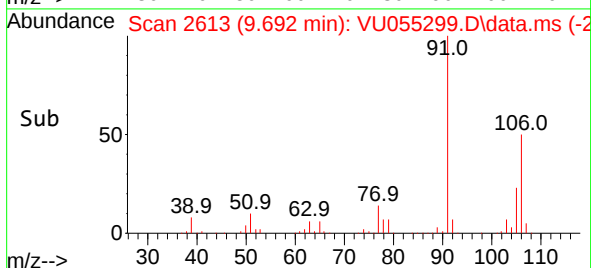
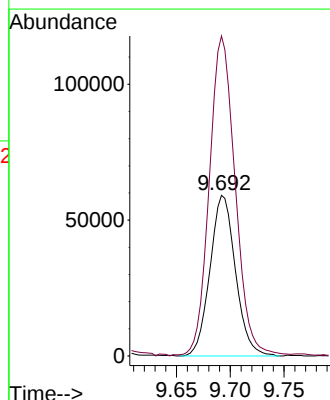
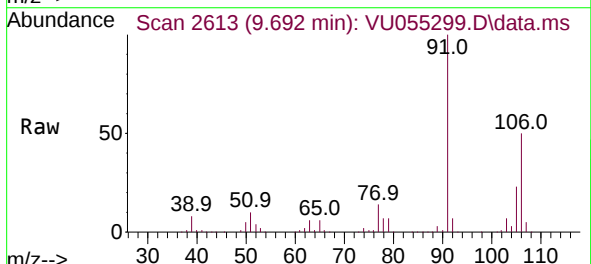
Instrument :
MSVOA_U
ClientSampleId :

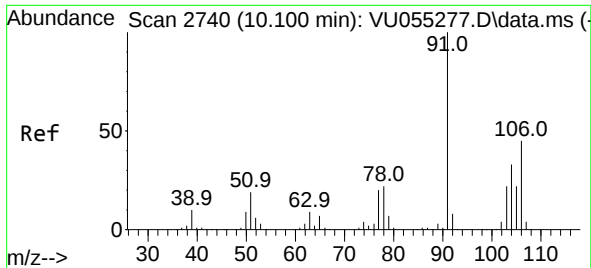
Tgt Ion: 91 Resp: 255742
Ion Ratio Lower Upper
91 100
106 31.8 21.5 39.9



#53
m,p-Xylene
Concen: 5.189 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU055299.D
Acq: 13 Sep 2023 21:10

Tgt Ion: 106 Resp: 97448
Ion Ratio Lower Upper
106 100
91 199.2 148.3 275.5

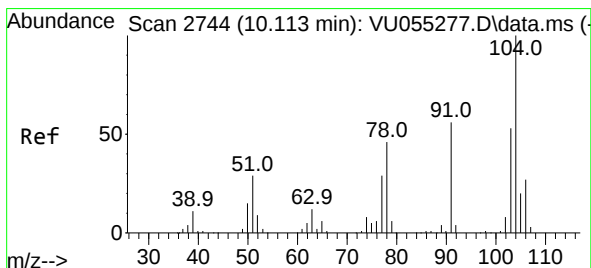
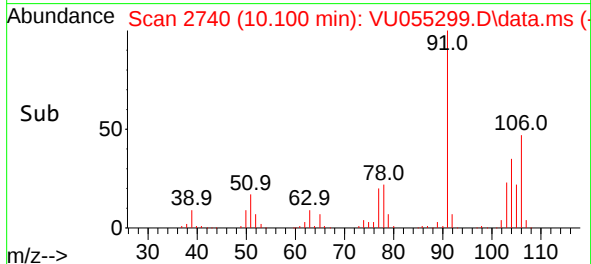
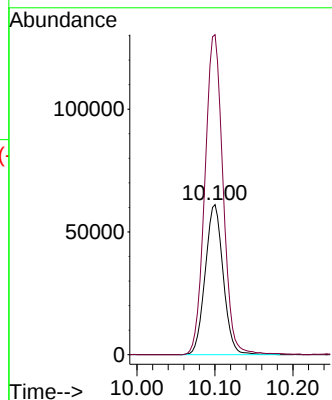
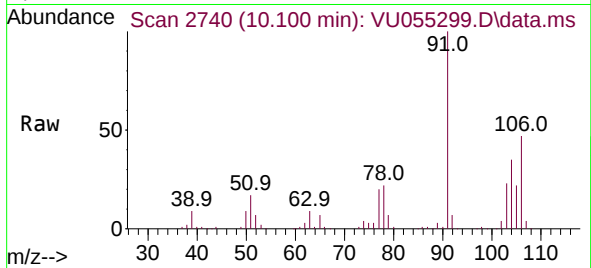




#54
o-Xylene
Concen: 5.305 ug/L
RT: 10.100 min Scan# 2740
Delta R.T. 0.000 min
Lab File: VU055299.D
Acq: 13 Sep 2023 21:10

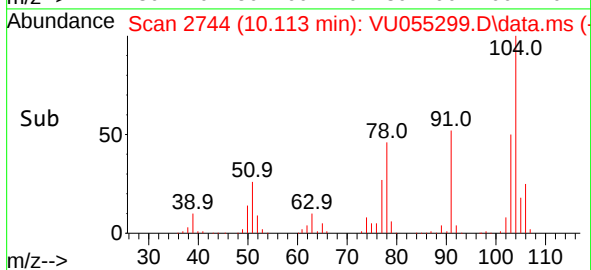
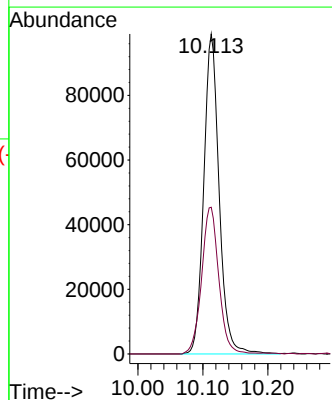
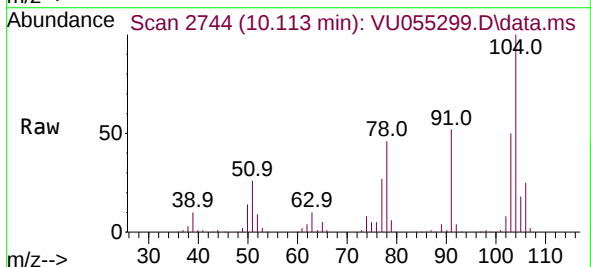
Instrument :
MSVOA_U
ClientSampleId :

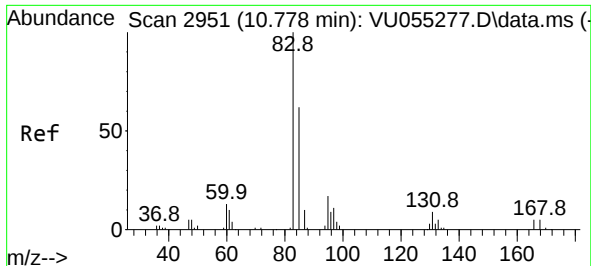
Tgt Ion:106 Resp: 98030
Ion Ratio Lower Upper
106 100
91 213.1 152.9 284.1



#55
Styrene
Concen: 5.353 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.000 min
Lab File: VU055299.D
Acq: 13 Sep 2023 21:10

Tgt Ion:104 Resp: 163364
Ion Ratio Lower Upper
104 100
78 45.9 32.8 61.0

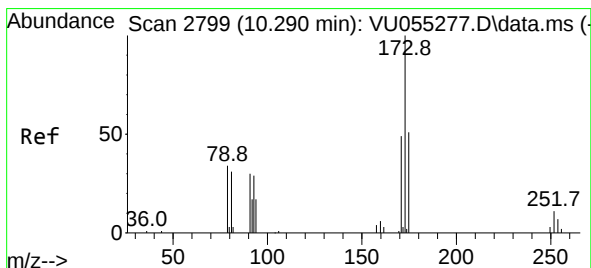
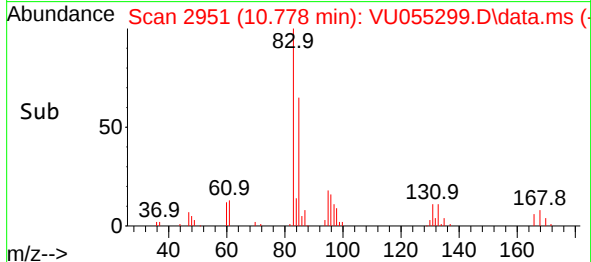
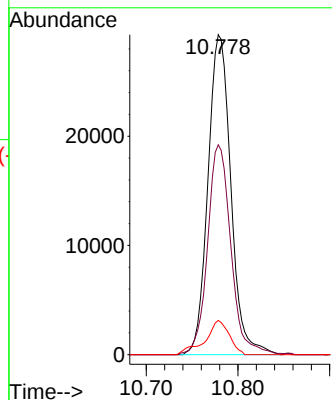
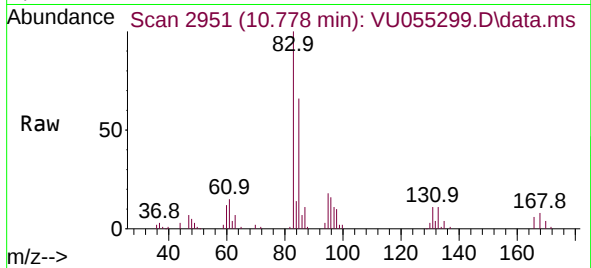




#57
1,1,2-Tetrachloroethane
Concen: 5.237 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU055299.D
Acq: 13 Sep 2023 21:10

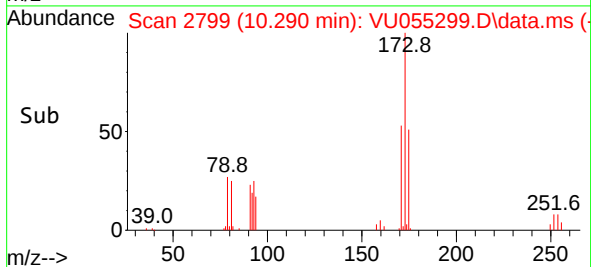
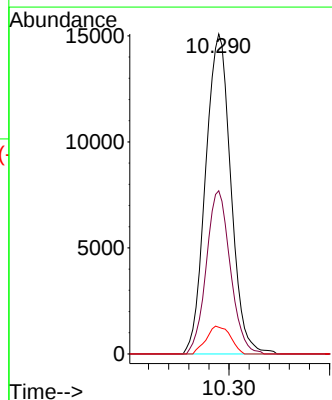
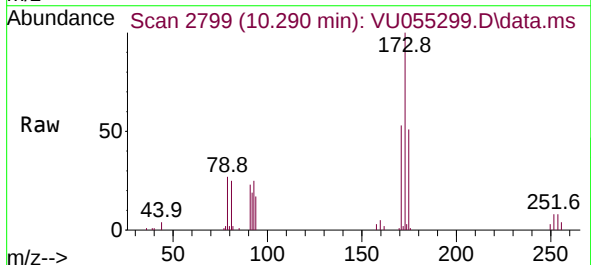
Instrument :
MSVOA_U
ClientSampleId :

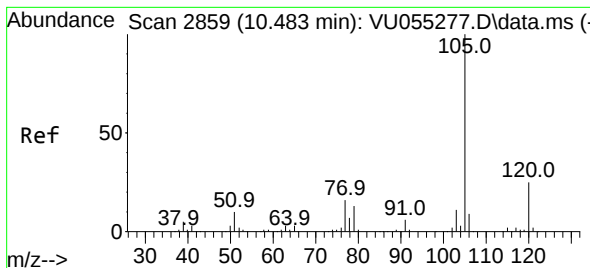
Tgt Ion: 83 Resp: 50906
Ion Ratio Lower Upper
83 100
85 65.6 42.4 78.6
131 10.7 7.6 11.4



#59
Bromoform
Concen: 5.845 ug/L
RT: 10.290 min Scan# 2799
Delta R.T. 0.000 min
Lab File: VU055299.D
Acq: 13 Sep 2023 21:10

Tgt Ion:173 Resp: 26284
Ion Ratio Lower Upper
173 100
175 48.6 40.9 61.3
254 8.3 7.0 10.4





#60

Isopropylbenzene

Concen: 4.913 ug/L

RT: 10.483 min Scan# 2859

Delta R.T. 0.000 min

Lab File: VU055299.D

Acq: 13 Sep 2023 21:10

Instrument :

MSVOA_U

ClientSampleId :

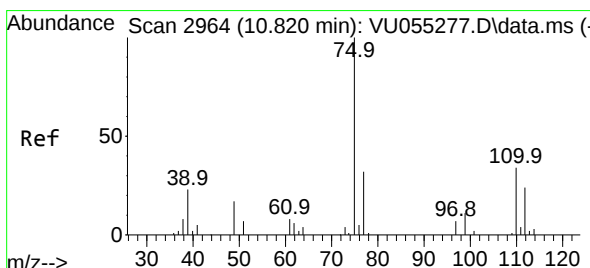
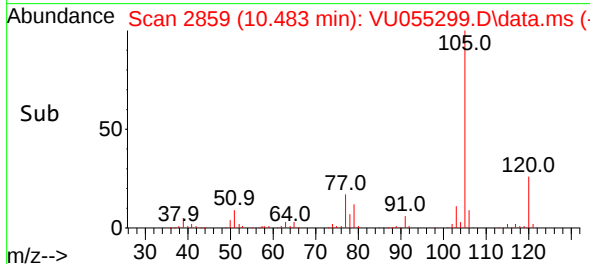
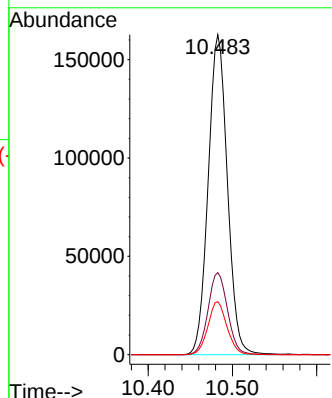
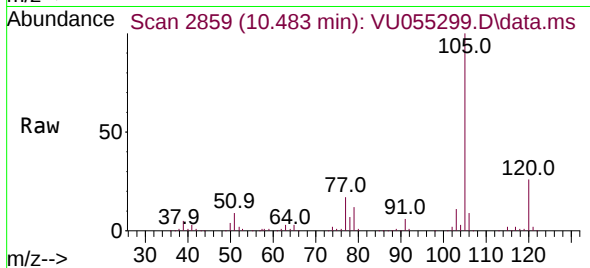
Tgt Ion:105 Resp: 257857

Ion Ratio Lower Upper

105 100

120 26.1 20.1 30.1

77 16.5 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 5.882 ug/L

RT: 10.823 min Scan# 2965

Delta R.T. 0.003 min

Lab File: VU055299.D

Acq: 13 Sep 2023 21:10

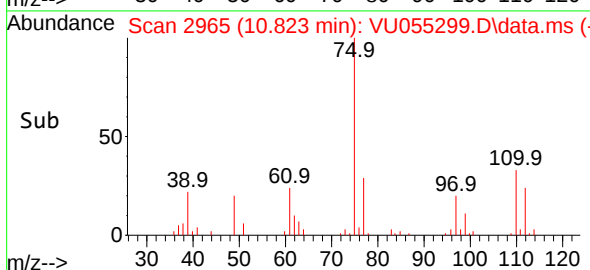
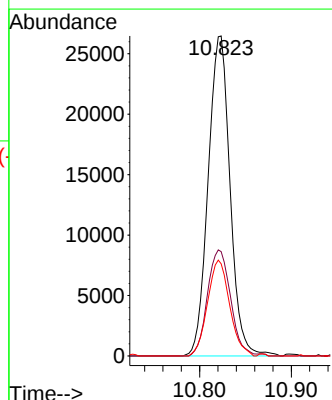
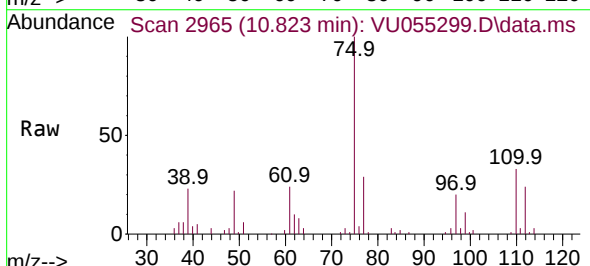
Tgt Ion: 75 Resp: 43928

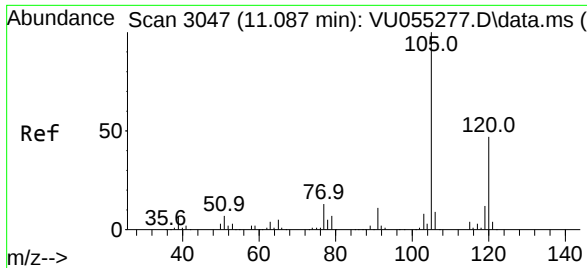
Ion Ratio Lower Upper

75 100

110 34.9 28.2 42.2

77 30.2 26.2 39.4

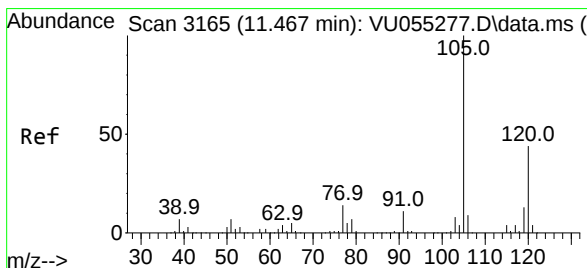
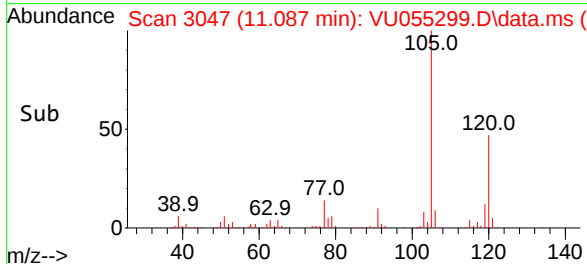
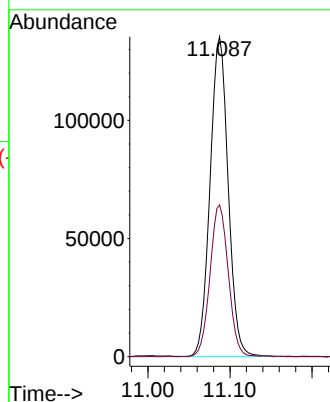
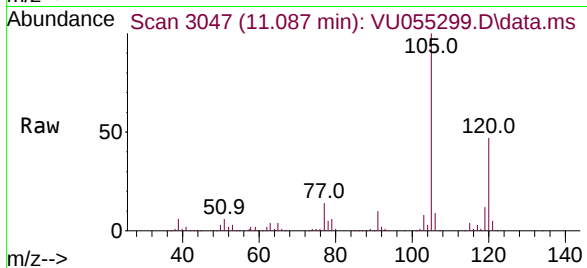




#62
 1,3,5-Trimethylbenzene
 Concen: 4.735 ug/L
 RT: 11.087 min Scan# 3047
 Delta R.T. 0.000 min
 Lab File: VU055299.D
 Acq: 13 Sep 2023 21:10

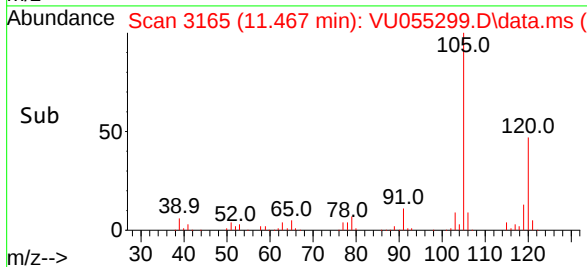
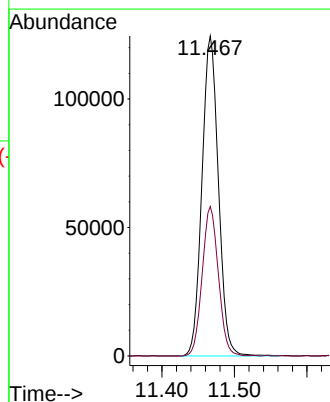
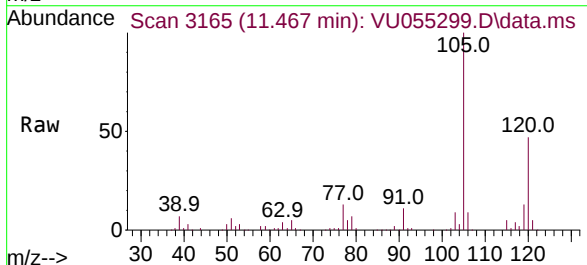
Instrument :
 MSVOA_U
 ClientSampleId :

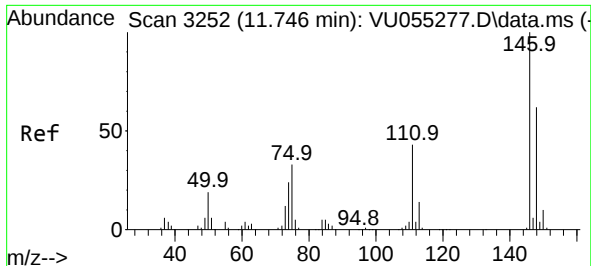
Tgt Ion:105 Resp: 206743
 Ion Ratio Lower Upper
 105 100
 120 48.2 37.9 56.9



#63
 1,2,4-Trimethylbenzene
 Concen: 4.565 ug/L
 RT: 11.467 min Scan# 3165
 Delta R.T. 0.000 min
 Lab File: VU055299.D
 Acq: 13 Sep 2023 21:10

Tgt Ion:105 Resp: 196403
 Ion Ratio Lower Upper
 105 100
 120 45.8 35.4 53.0

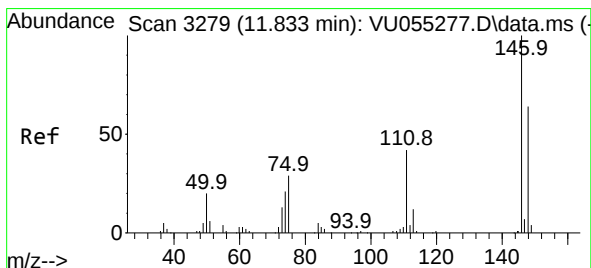
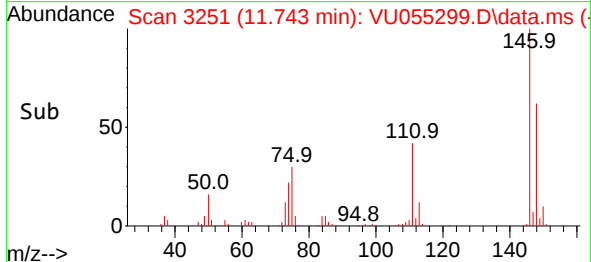
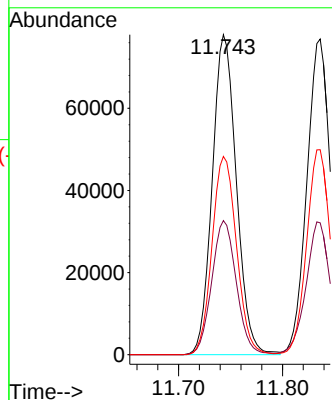
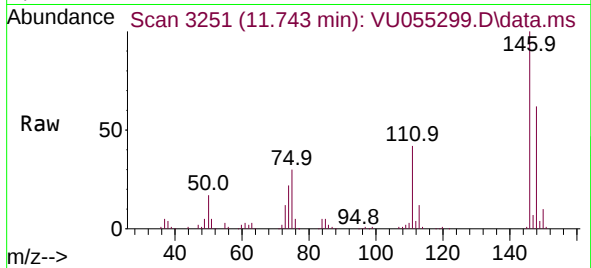




#64
1,3-Dichlorobenzene
Concen: 4.984 ug/L
RT: 11.743 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU055299.D
Acq: 13 Sep 2023 21:10

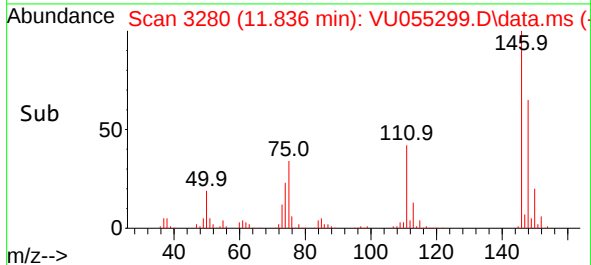
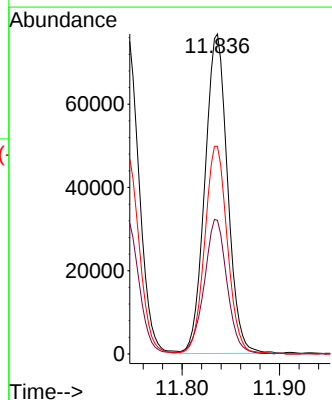
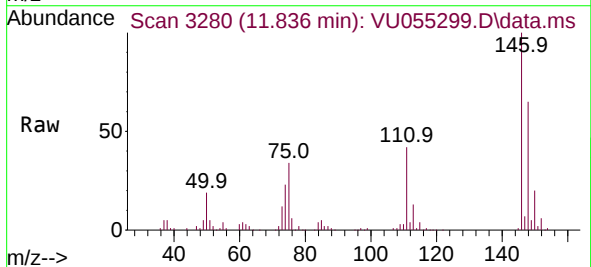
Instrument :
MSVOA_U
ClientSampleId :

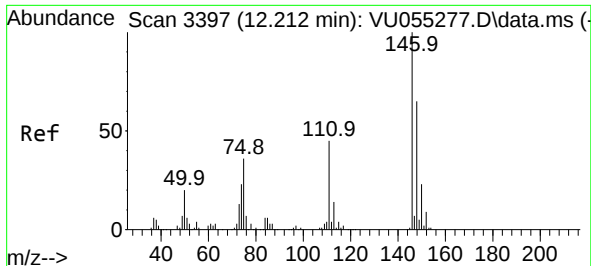
Tgt Ion:146 Resp: 125571
Ion Ratio Lower Upper
146 100
111 41.9 30.0 55.6
148 62.0 45.2 84.0



#65
1,4-Dichlorobenzene
Concen: 4.943 ug/L
RT: 11.836 min Scan# 3280
Delta R.T. 0.003 min
Lab File: VU055299.D
Acq: 13 Sep 2023 21:10

Tgt Ion:146 Resp: 124129
Ion Ratio Lower Upper
146 100
111 41.8 28.1 52.1
148 64.9 43.8 81.3





#67

1,2-Dichlorobenzene

Concen: 5.136 ug/L

RT: 12.209 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU055299.D

Acq: 13 Sep 2023 21:10

Instrument :

MSVOA_U

ClientSampleId :

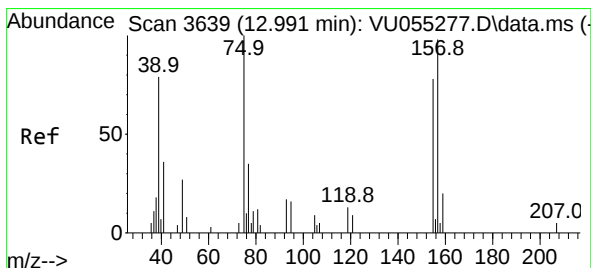
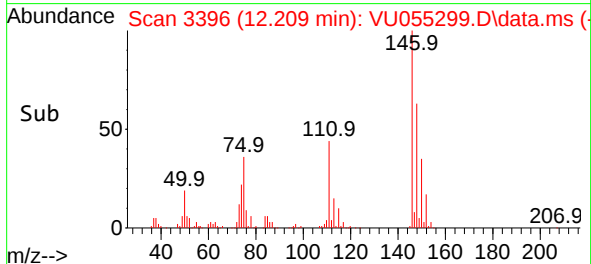
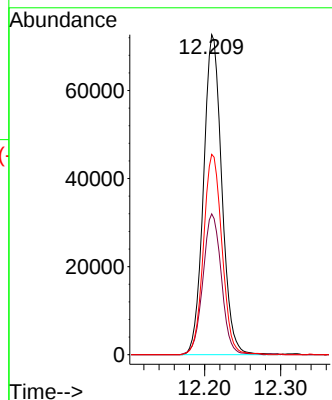
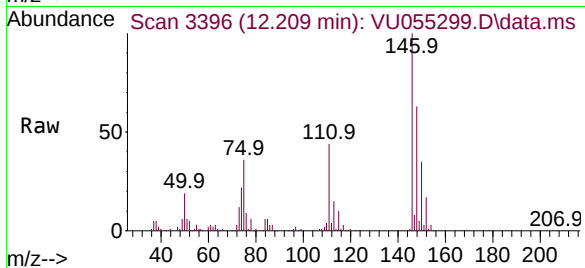
Tgt Ion:146 Resp: 121325

Ion Ratio Lower Upper

146 100

111 44.0 35.6 53.4

148 62.6 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 5.018 ug/L

RT: 12.997 min Scan# 3641

Delta R.T. 0.006 min

Lab File: VU055299.D

Acq: 13 Sep 2023 21:10

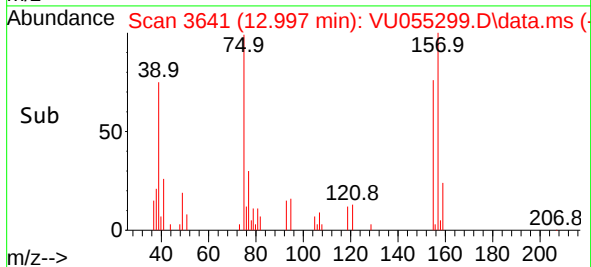
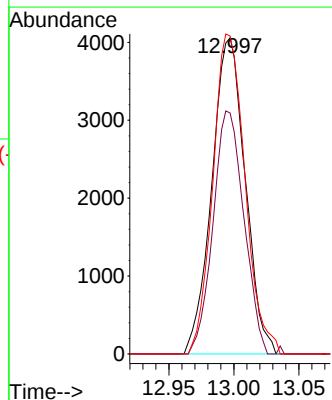
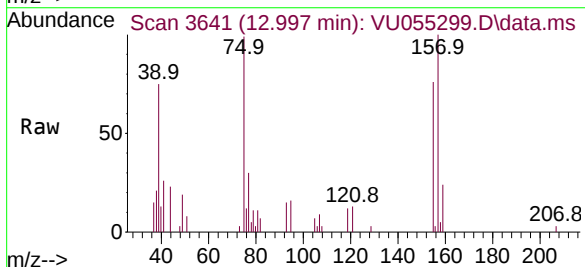
Tgt Ion: 75 Resp: 7220

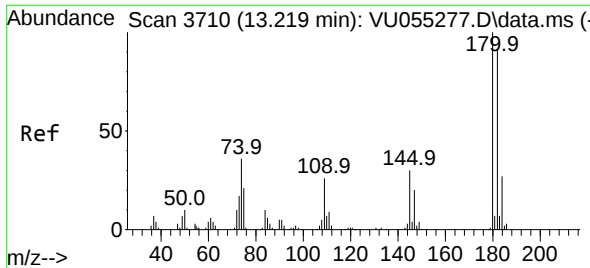
Ion Ratio Lower Upper

75 100

155 76.2 61.1 91.7

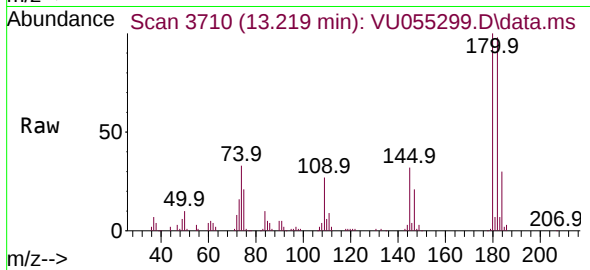
157 100.6 66.8 100.2#



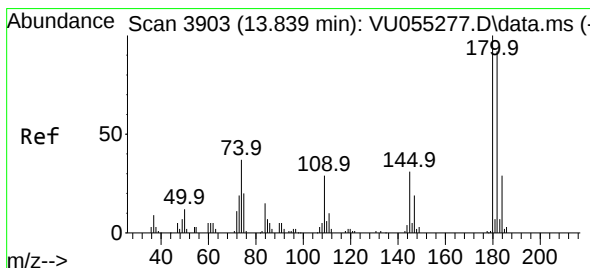
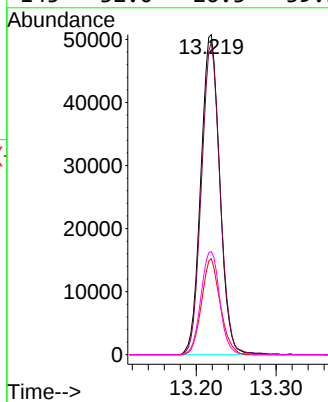
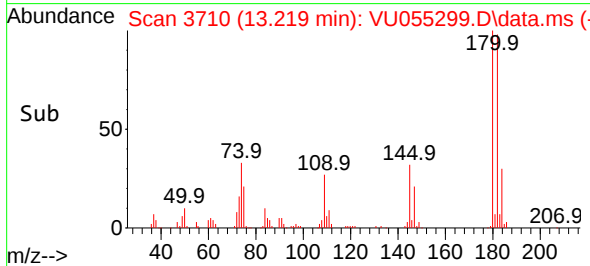


#69
 1,3,5-Trichlorobenzene
 Concen: 4.390 ug/L
 RT: 13.219 min Scan# 3710
 Delta R.T. 0.000 min
 Lab File: VU055299.D
 Acq: 13 Sep 2023 21:10

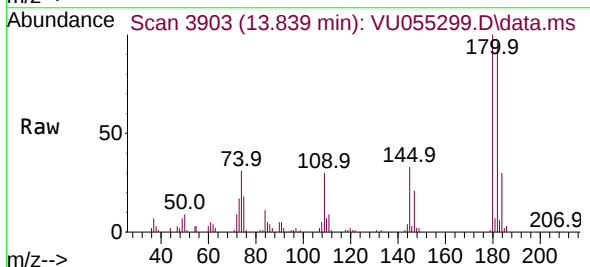
Instrument :
 MSVOA_U
 ClientSampleId :



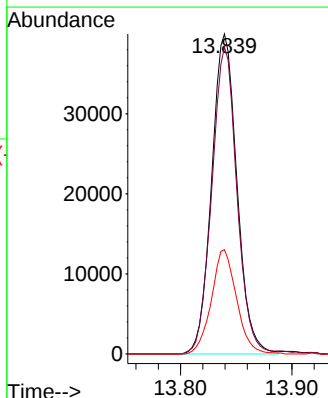
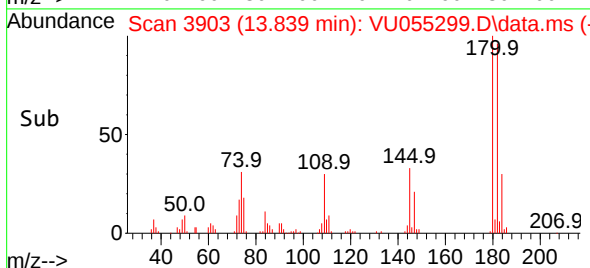
Tgt Ion:180 Resp: 83580
 Ion Ratio Lower Upper
 180 100
 182 95.5 75.8 113.6
 184 29.6 24.0 36.0
 145 32.0 26.3 39.5

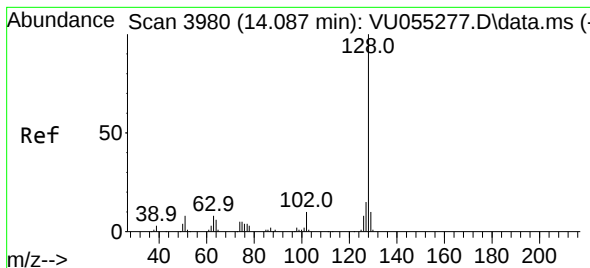


#70
 1,2,4-trichlorobenzene
 Concen: 3.534 ug/L
 RT: 13.839 min Scan# 3903
 Delta R.T. 0.000 min
 Lab File: VU055299.D
 Acq: 13 Sep 2023 21:10



Tgt Ion:180 Resp: 63099
 Ion Ratio Lower Upper
 180 100
 182 95.6 73.6 110.4
 145 32.5 25.8 38.8





#71

Naphthalene

Concen: 3.063 ug/L

RT: 14.087 min Scan# 3980

Delta R.T. 0.000 min

Lab File: VU055299.D

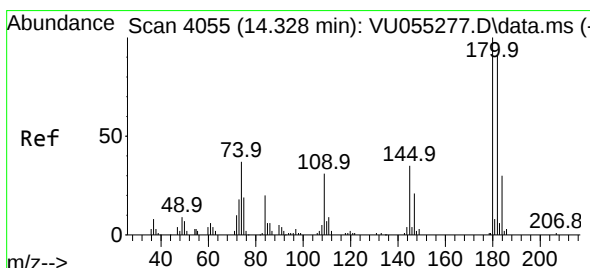
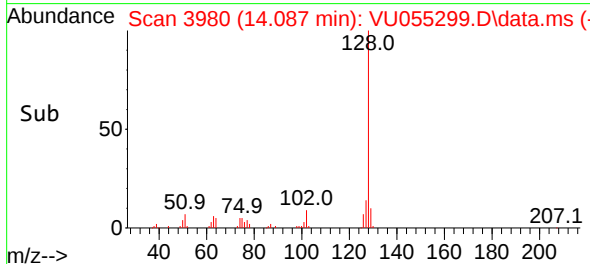
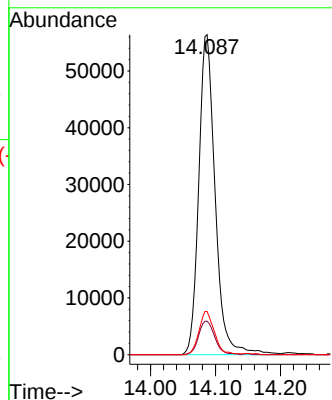
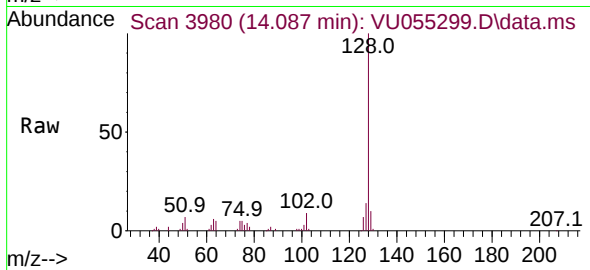
Acq: 13 Sep 2023 21:10

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	128	Resp:	99379
Ion Ratio	Lower	Upper	
128	100		
129	10.3	8.2	12.2
127	12.7	10.0	15.0



#72

1,2,3-Trichlorobenzene

Concen: 3.787 ug/L

RT: 14.328 min Scan# 4055

Delta R.T. 0.000 min

Lab File: VU055299.D

Acq: 13 Sep 2023 21:10

Tgt Ion:	180	Resp:	58684
Ion Ratio	Lower	Upper	
180	100		
182	91.7	75.6	113.4
145	32.9	27.0	40.6

