

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110723\
 Data File : VU056088.D
 Acq On : 07 Nov 2023 08:56
 Operator : MD/SY
 Sample : VSTD0.5
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 08 00:15:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 08 00:14:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	369978	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	369718	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	162371	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	11593	0.505	ug/L	0.00
7) Chloroethane-d5	1.911	69	7910	0.508	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	5271	0.521	ug/L	0.00
20) 2-Butanone-d5	4.650	46	12968	3.613	ug/L	0.03
24) Chloroform-d	5.065	84	21457	0.491	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.705	65	9616	0.500	ug/L	0.00
32) Benzene-d6	5.724	84	41424	0.467	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.689	67	12348	0.472	ug/L	0.00
41) Toluene-d8	7.898	98	36957	0.454	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.187	79	4696	0.470	ug/L	0.00
46) 2-Hexanone-d5	8.634	63	11719	3.605	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.756	84	8918	0.478	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.193	152	13663	0.546	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	14732	0.470	ug/L	100
3) Chloromethane	1.518	50	14780	0.503	ug/L	97
5) Vinyl chloride	1.602	62	14404	0.474	ug/L #	74
6) Bromomethane	1.853	94	8774	0.502	ug/L	92
8) Chloroethane	1.930	64	7846	0.476	ug/L	100
9) Trichlorofluoromethane	2.136	101	18948	0.471	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	12143	0.474	ug/L	98
12) 1,1-Dichloroethene	2.576	96	10929	0.460	ug/L	90
13) Acetone	2.634	43	14326	5.156	ug/L	96
14) Carbon disulfide	2.788	76	38363	0.473	ug/L	100
15) Methyl Acetate	2.956	43	3876	0.494	ug/L #	77
16) Methylene chloride	3.042	84	14235	0.522	ug/L	100
17) Methyl tert-butyl Ether	3.358	73	24124	0.450	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	11843	0.470	ug/L	91
19) 1,1-Dichloroethane	3.866	63	21211	0.461	ug/L	97
21) 2-Butanone	4.727	43	20924	4.566	ug/L	85
22) cis-1,2-Dichloroethene	4.669	96	11807	0.434	ug/L	93
23) Bromochloromethane	4.975	128	5923	0.491	ug/L #	88
25) Chloroform	5.081	83	24729	0.505	ug/L	99
27) 1,2-Dichloroethane	5.795	62	13160	0.475	ug/L	99
29) 1,1,1-Trichloroethane	5.316	97	19374	0.457	ug/L	99
30) Cyclohexane	5.386	56	16552	0.418	ug/L	95
31) Carbon tetrachloride	5.521	117	17185	0.457	ug/L	98
33) Benzene	5.772	78	45560	0.430	ug/L	100
34) Trichloroethene	6.541	95	13059	0.452	ug/L	99
35) Methylcyclohexane	6.759	83	18589	0.433	ug/L	98
37) 1,2-Dichloropropane	6.788	63	12355	0.449	ug/L #	91
38) Bromodichloromethane	7.103	83	17139	0.499	ug/L	90
39) cis-1,3-Dichloropropene	7.608	75	16592	0.427	ug/L	100
40) 4-Methyl-2-pentanone	7.788	43	51301	4.260	ug/L	97
42) Toluene	7.968	91	48196	0.432	ug/L	97
44) trans-1,3-Dichloropropene	8.213	75	13581	0.432	ug/L	96

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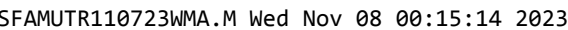
Quant Time: Nov 08 00:15:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 08 00:14:39 2023
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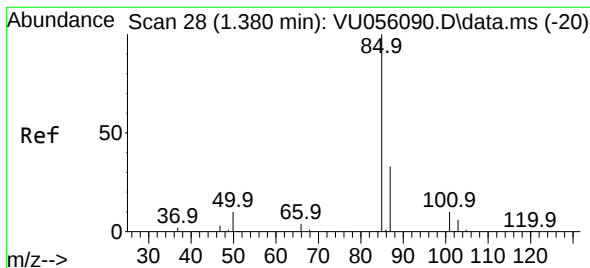
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.396	97	8854	0.470	ug/L	94
47) Tetrachloroethene	8.550	164	9538	0.439	ug/L	91
48) 2-Hexanone	8.685	43	33754	3.918	ug/L	99
49) Dibromochloromethane	8.804	129	9929	0.460	ug/L	91
50) 1,2-Dibromoethane	8.923	107	7949	0.452	ug/L #	95
51) Chlorobenzene	9.444	112	32710	0.454	ug/L	97
52) Ethylbenzene	9.570	91	51064	0.420	ug/L	98
53) m,p-Xylene	9.695	106	18255	0.395	ug/L	93
54) o-Xylene	10.100	106	17639	0.398	ug/L	93
55) Styrene	10.116	104	26366	0.363	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	9971	0.451	ug/L	97
59) Bromoform	10.290	173	5549	0.492	ug/L	97
60) Isopropylbenzene	10.483	105	46355	0.440	ug/L	97
61) 1,2,3-Trichloropropane	10.823	75	7195	0.513	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	35876	0.420	ug/L	98
63) 1,2,4-Trimethylbenzene	11.467	105	34983	0.418	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	23570	0.473	ug/L	96
65) 1,4-Dichlorobenzene	11.833	146	24138	0.490	ug/L	95
67) 1,2-Dichlorobenzene	12.213	146	21515	0.468	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.997	75	1318	0.446	ug/L	90
69) 1,3,5-Trichlorobenzene	13.219	180	17520	0.469	ug/L	97
70) 1,2,4-trichlorobenzene	13.843	180	12965	0.438	ug/L	93
71) Naphthalene	14.090	128	16823	0.390	ug/L	97
72) 1,2,3-Trichlorobenzene	14.328	180	11662	0.449	ug/L	95

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

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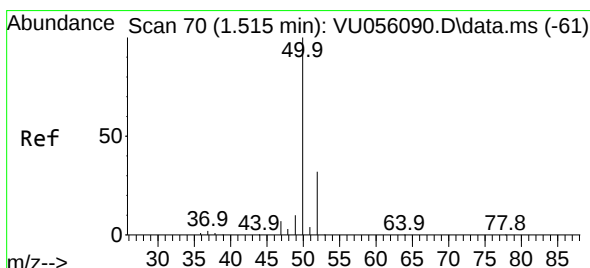
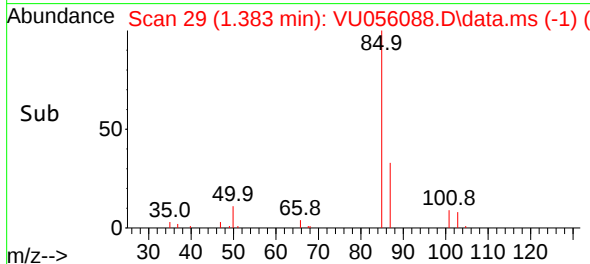
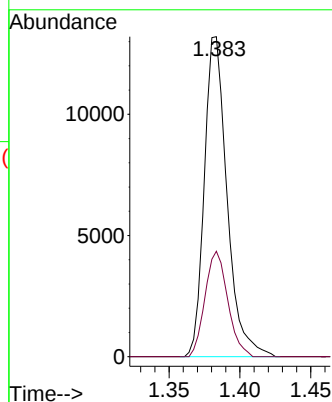
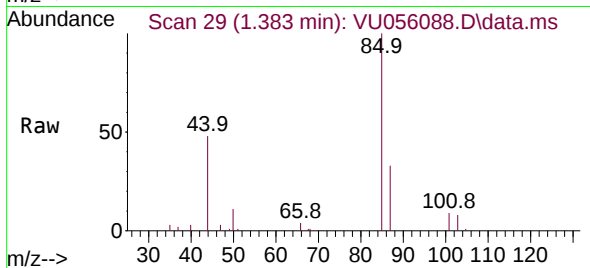




#2
 Dichlorodifluoromethane
 Concen: 0.470 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.003 min
 Lab File: VU056088.D
 Acq: 07 Nov 2023 08:56

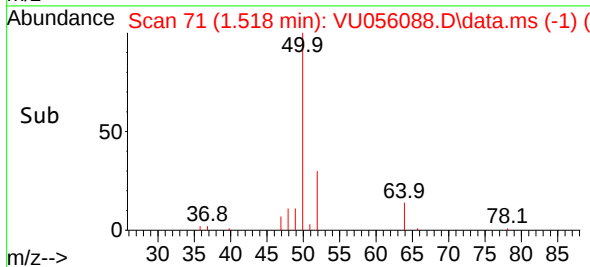
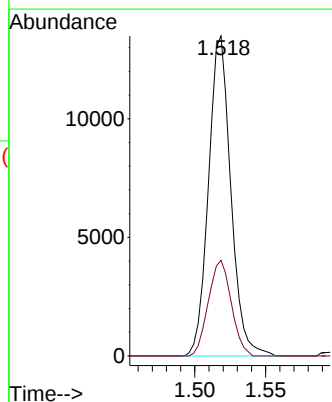
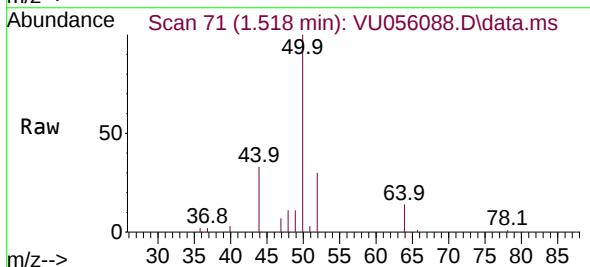
Instrument :
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 ClientSampleId :

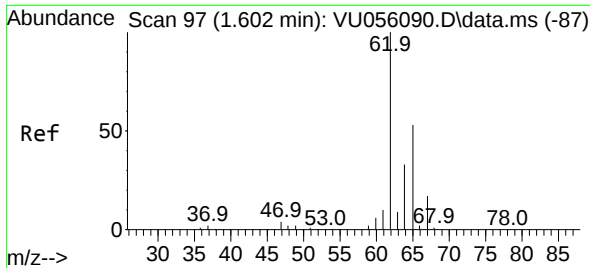
Tgt Ion: 85 Resp: 14732
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.4 39.6



#3
 Chloromethane
 Concen: 0.503 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU056088.D
 Acq: 07 Nov 2023 08:56

Tgt Ion: 50 Resp: 14780
 Ion Ratio Lower Upper
 50 100
 52 29.9 22.2 41.2

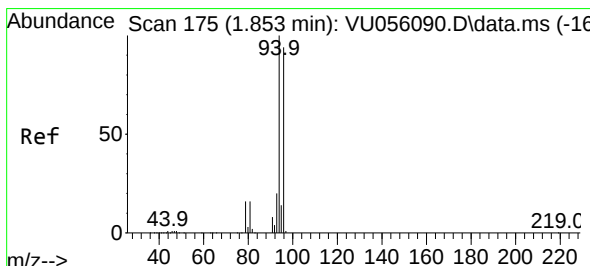
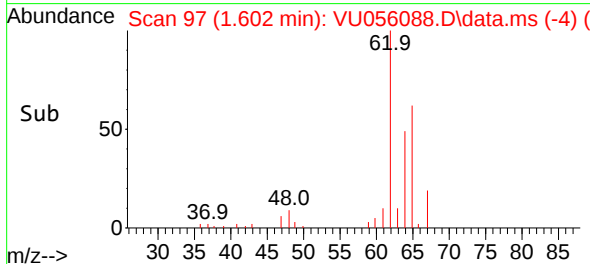
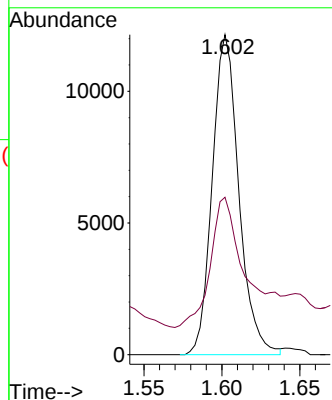
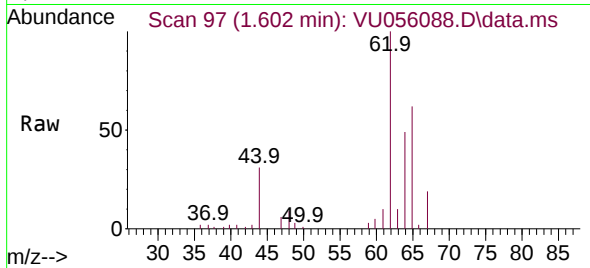




#5
 Vinyl chloride
 Concen: 0.474 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU056088.D
 Acq: 07 Nov 2023 08:56

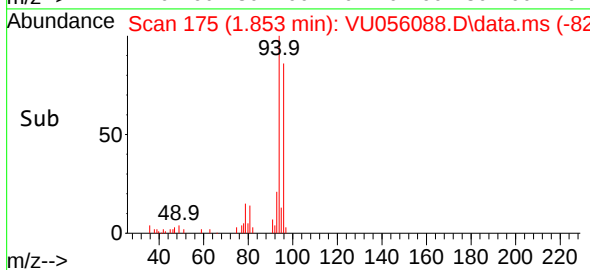
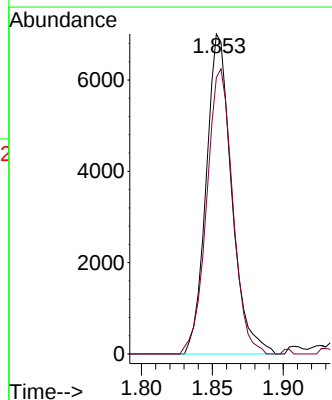
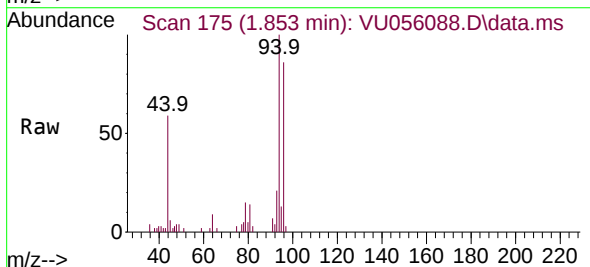
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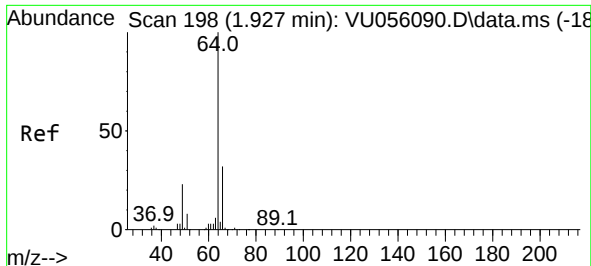
Tgt Ion: 62 Resp: 14404
 Ion Ratio Lower Upper
 62 100
 64 49.2 24.1 44.7#



#6
 Bromomethane
 Concen: 0.502 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.000 min
 Lab File: VU056088.D
 Acq: 07 Nov 2023 08:56

Tgt Ion: 94 Resp: 8774
 Ion Ratio Lower Upper
 94 100
 96 86.4 65.6 121.8





#8

Chloroethane

Concen: 0.476 ug/L

RT: 1.930 min Scan# 198

Delta R.T. 0.003 min

Lab File: VU056088.D

Acq: 07 Nov 2023 08:56

Instrument :

MSVOA_U

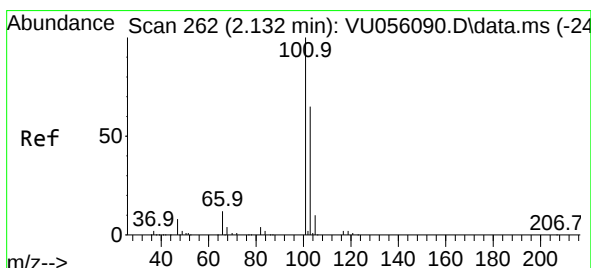
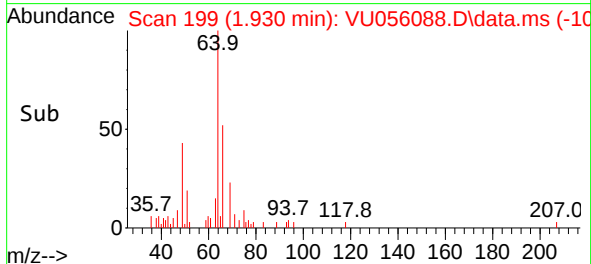
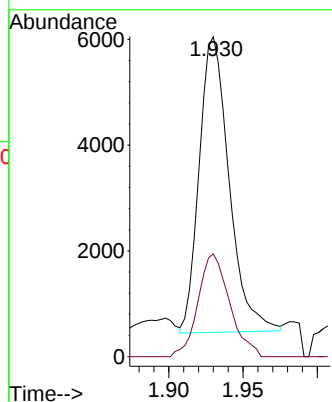
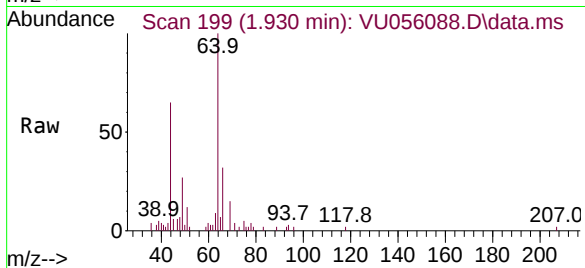
ClientSampleId :

Tgt Ion: 64 Resp: 7846

Ion Ratio Lower Upper

64 100

66 32.1 22.4 41.6



#9

Trichlorofluoromethane

Concen: 0.471 ug/L

RT: 2.136 min Scan# 263

Delta R.T. 0.003 min

Lab File: VU056088.D

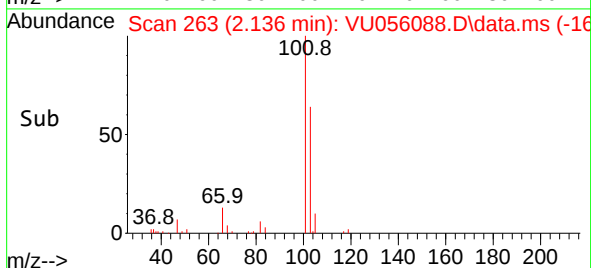
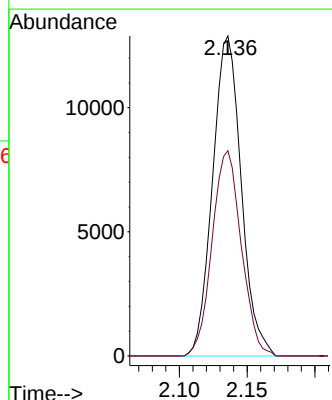
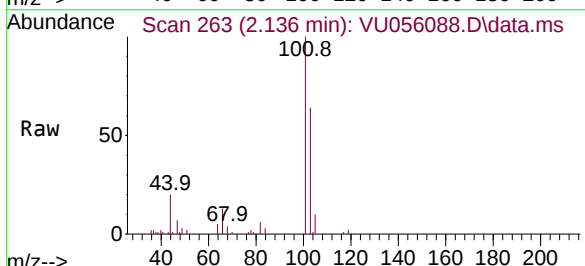
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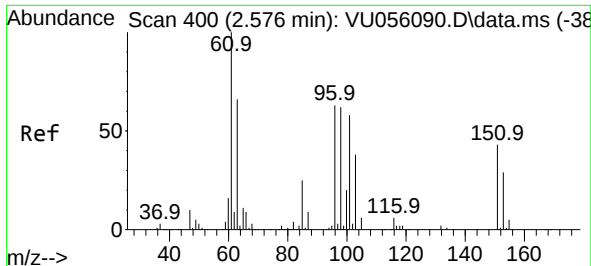
Tgt Ion: 101 Resp: 18948

Ion Ratio Lower Upper

101 100

103 65.3 51.8 77.6

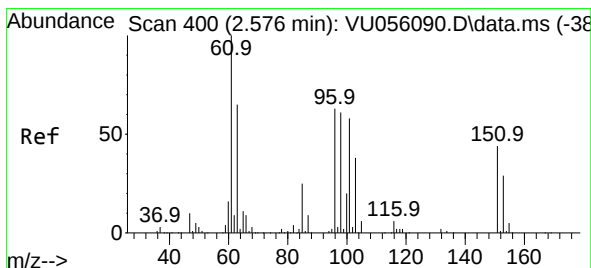
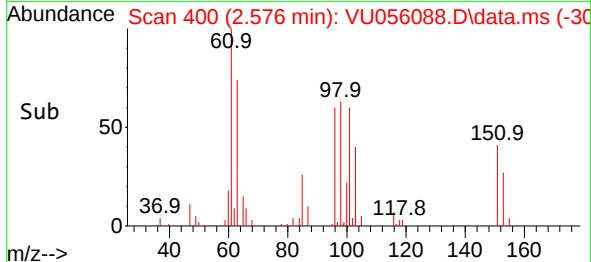
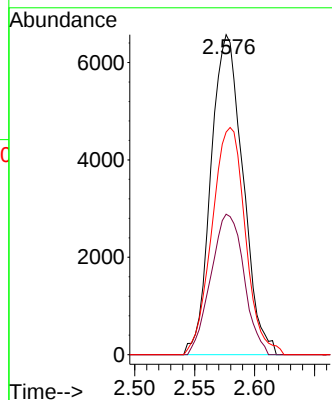
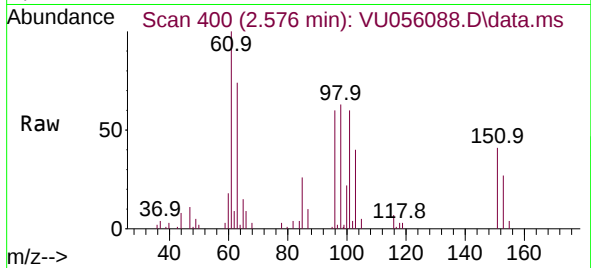




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.474 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU056088.D
Acq: 07 Nov 2023 08:56

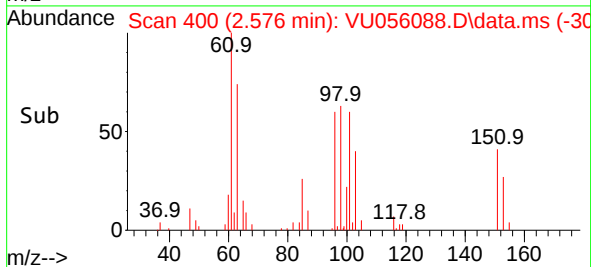
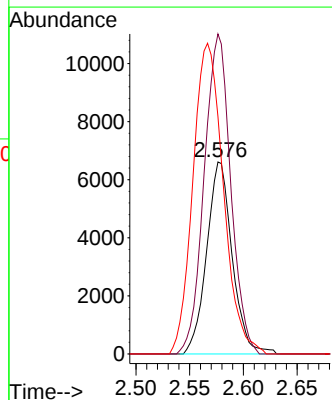
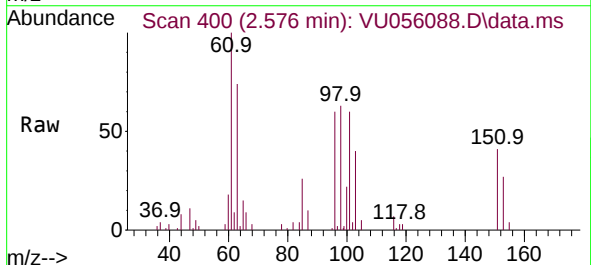
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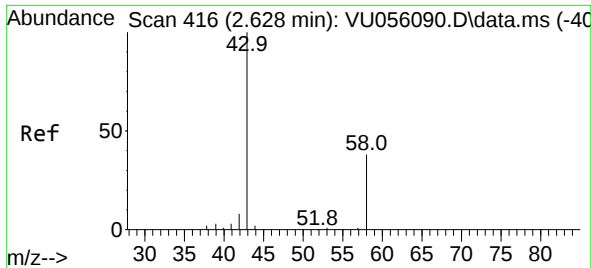
Tgt Ion:101 Resp: 12143
Ion Ratio Lower Upper
101 100
85 45.5 34.2 51.4
151 74.5 59.3 88.9



#12
1,1-Dichloroethene
Concen: 0.460 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU056088.D
Acq: 07 Nov 2023 08:56

Tgt Ion: 96 Resp: 10929
Ion Ratio Lower Upper
96 100
61 166.7 111.7 207.5
63 123.6 74.5 138.3





#13

Acetone

Concen: 5.156 ug/L

RT: 2.634 min Scan# 416

Delta R.T. 0.006 min

Lab File: VU056088.D

Acq: 07 Nov 2023 08:56

Instrument :

MSVOA_U

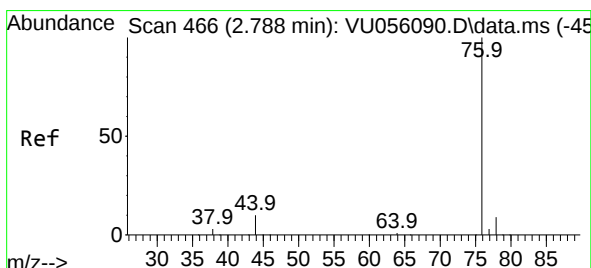
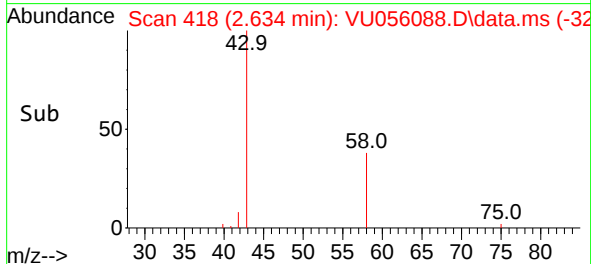
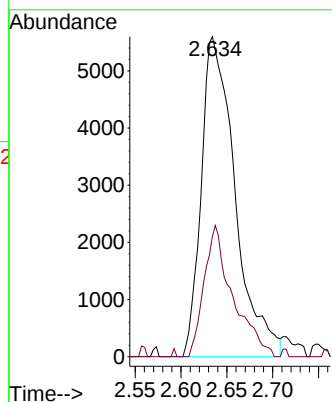
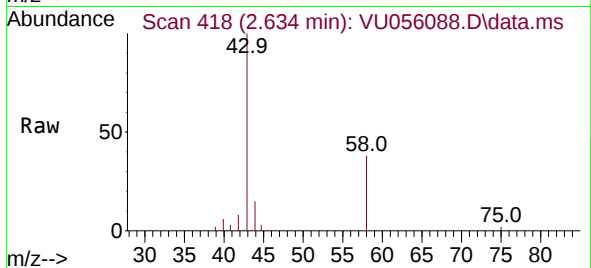
ClientSampleId :

Tgt Ion: 43 Resp: 14326

Ion Ratio Lower Upper

43 100

58 34.8 0.0 74.4



#14

Carbon disulfide

Concen: 0.473 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU056088.D

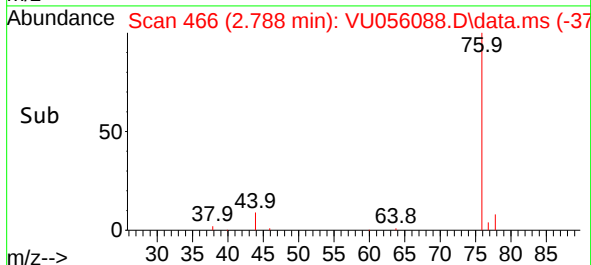
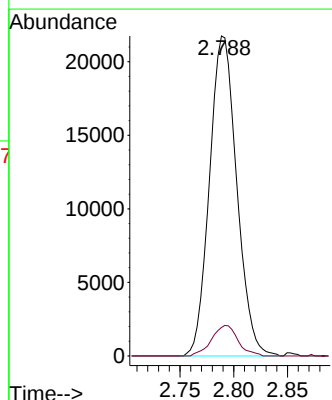
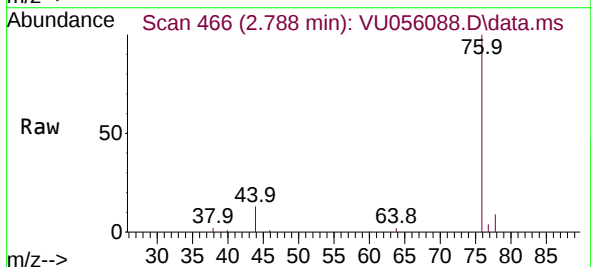
Acq: 07 Nov 2023 08:56

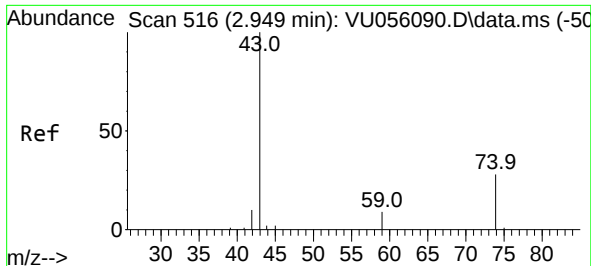
Tgt Ion: 76 Resp: 38363

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.6

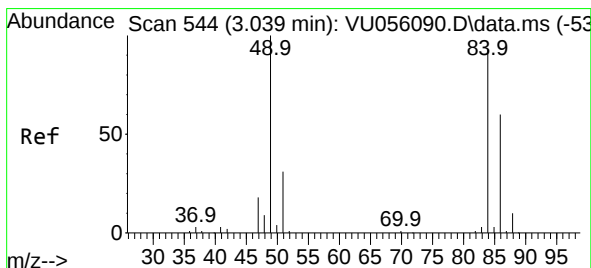
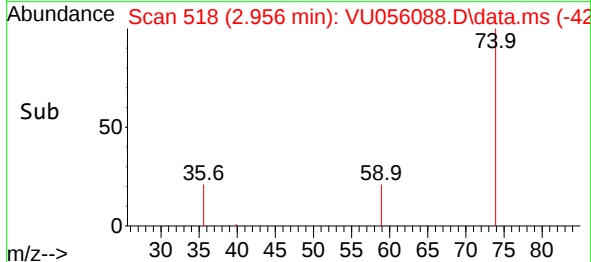
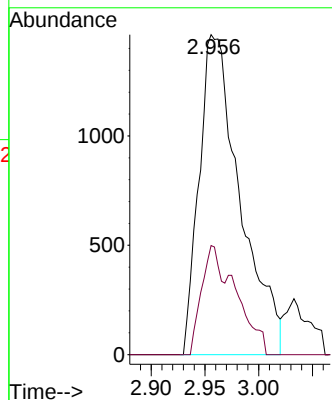
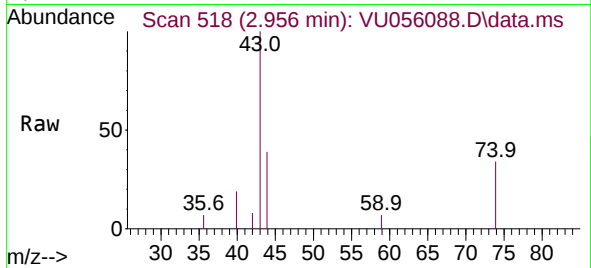




#15
Methyl Acetate
Concen: 0.494 ug/L
RT: 2.956 min Scan# 516
Delta R.T. 0.006 min
Lab File: VU056088.D
Acq: 07 Nov 2023 08:56

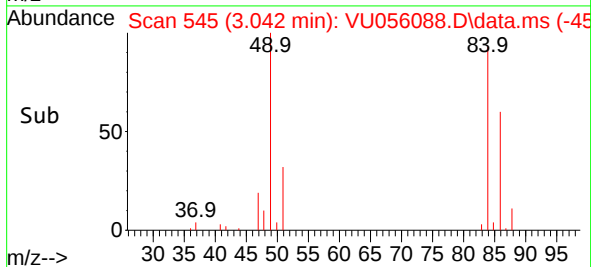
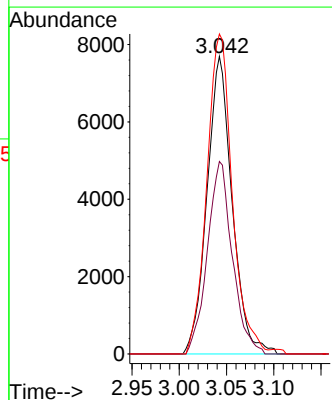
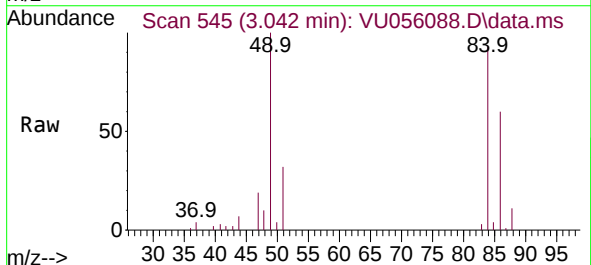
Instrument :
MSVOA_U
ClientSampleId :

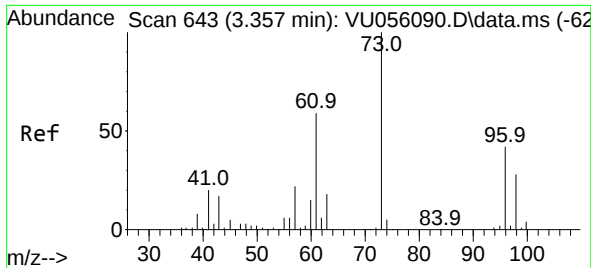
Tgt Ion: 43 Resp: 3876
Ion Ratio Lower Upper
43 100
74 17.1 23.3 34.9#



#16
Methylene chloride
Concen: 0.522 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.003 min
Lab File: VU056088.D
Acq: 07 Nov 2023 08:56

Tgt Ion: 84 Resp: 14235
Ion Ratio Lower Upper
84 100
86 64.7 44.9 83.5
49 107.5 75.0 139.4





#17

Methyl tert-butyl Ether

Concen: 0.450 ug/L

RT: 3.358 min Scan# 643

Delta R.T. 0.000 min

Lab File: VU056088.D

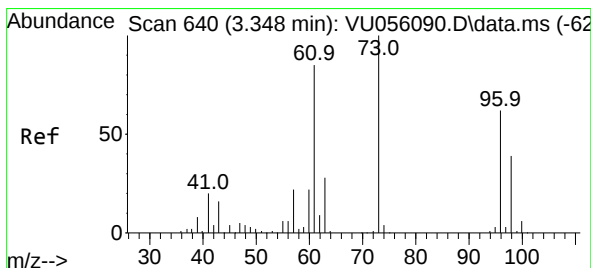
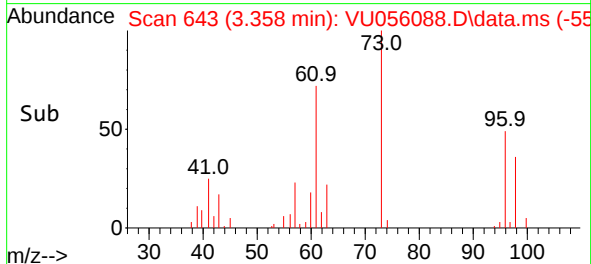
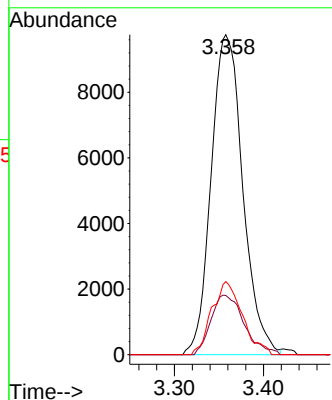
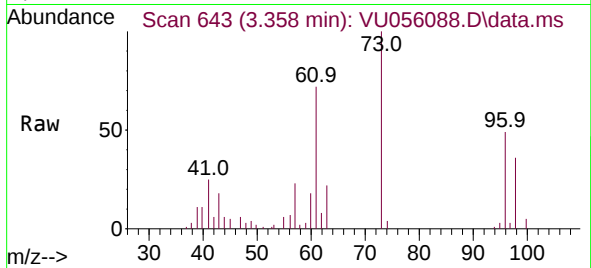
Acq: 07 Nov 2023 08:56

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 73	Resp: 24124
Ion Ratio	Lower Upper
73	100
43	19.5 13.6 20.4
57	22.0 17.3 25.9



#18

trans-1,2-Dichloroethene

Concen: 0.470 ug/L

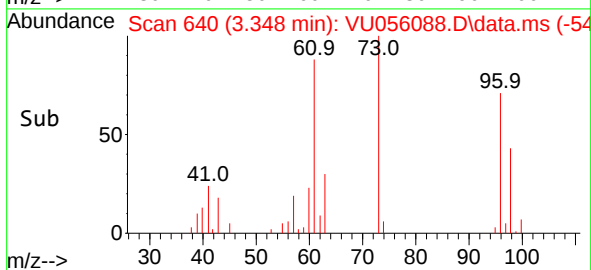
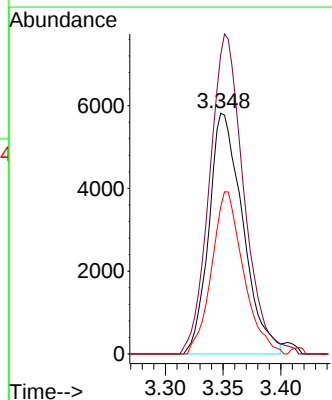
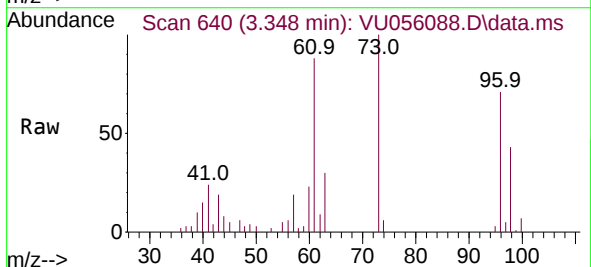
RT: 3.348 min Scan# 640

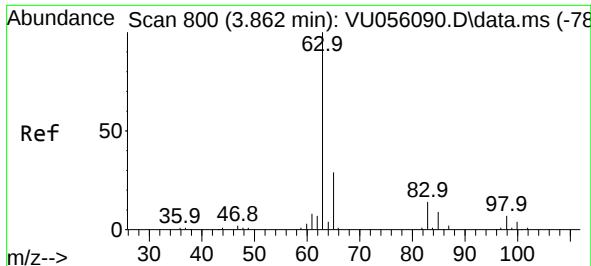
Delta R.T. 0.000 min

Lab File: VU056088.D

Acq: 07 Nov 2023 08:56

Tgt Ion: 96	Resp: 11843
Ion Ratio	Lower Upper
96	100
61	124.2 96.7 179.5
98	61.1 44.3 82.3





#19

1,1-Dichloroethane

Concen: 0.461 ug/L

RT: 3.866 min Scan# 80

Delta R.T. 0.003 min

Lab File: VU056088.D

Acq: 07 Nov 2023 08:56

Instrument :

MSVOA_U

ClientSampleId :

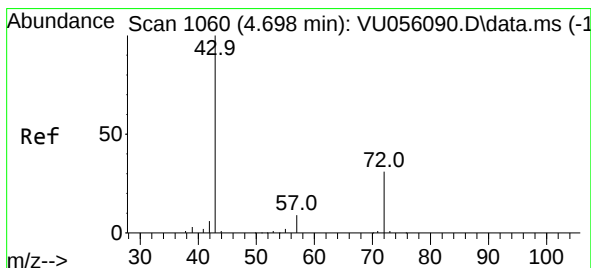
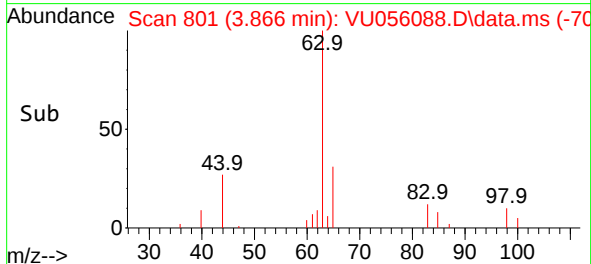
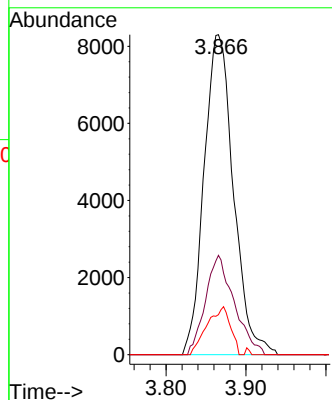
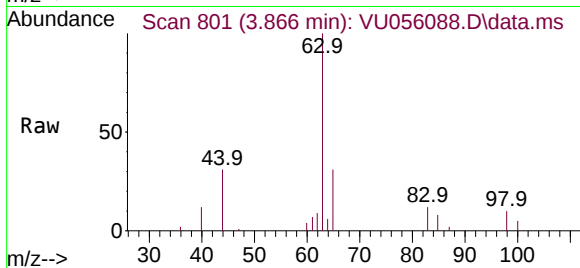
Tgt Ion: 63 Resp: 21211

Ion Ratio Lower Upper

63 100

65 31.1 20.6 38.2

83 12.5 9.6 17.8



#21

2-Butanone

Concen: 4.566 ug/L

RT: 4.727 min Scan# 1069

Delta R.T. 0.029 min

Lab File: VU056088.D

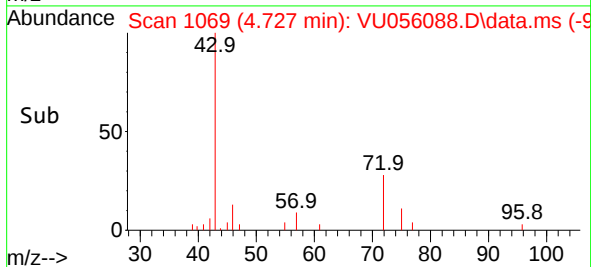
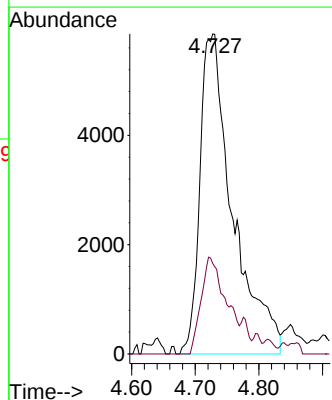
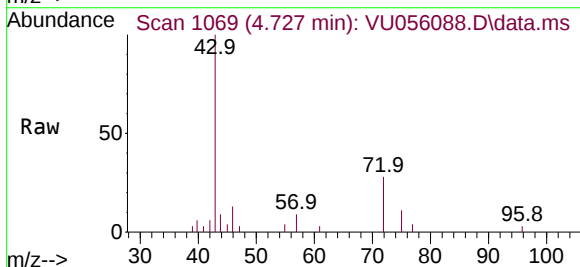
Acq: 07 Nov 2023 08:56

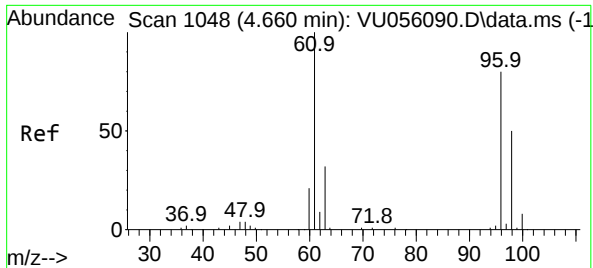
Tgt Ion: 43 Resp: 20924

Ion Ratio Lower Upper

43 100

72 23.0 15.7 47.0

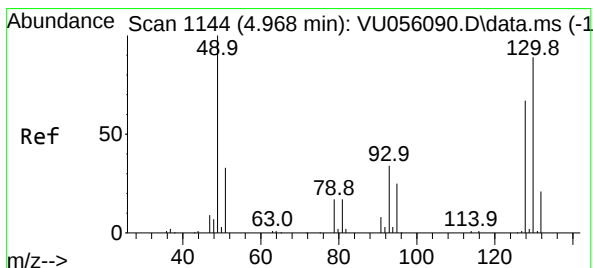
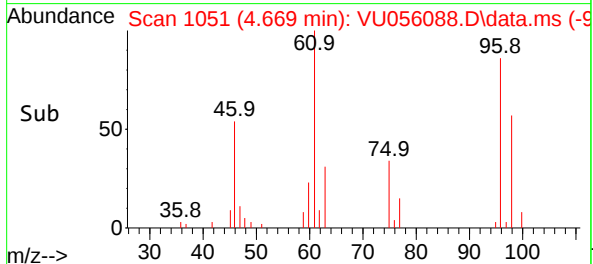
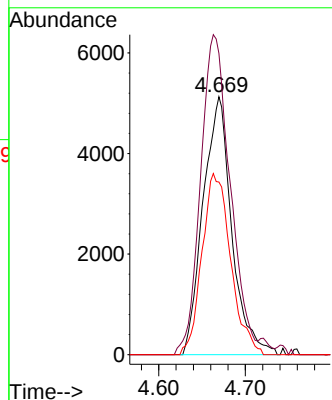
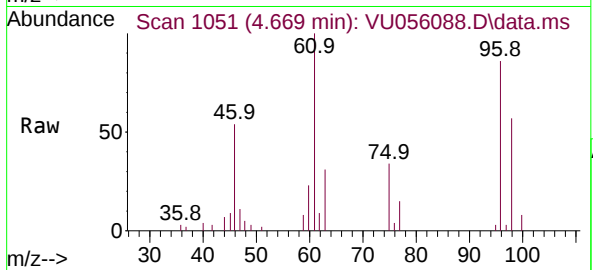




#22
 cis-1,2-Dichloroethene
 Concen: 0.434 ug/L
 RT: 4.669 min Scan# 110
 Delta R.T. 0.010 min
 Lab File: VU056088.D
 Acq: 07 Nov 2023 08:56

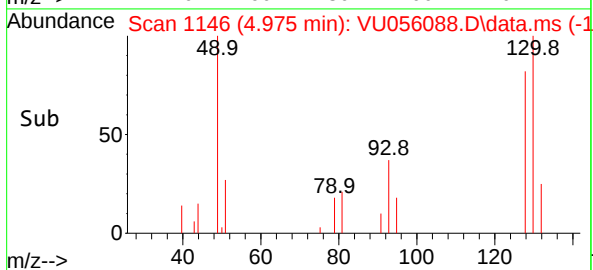
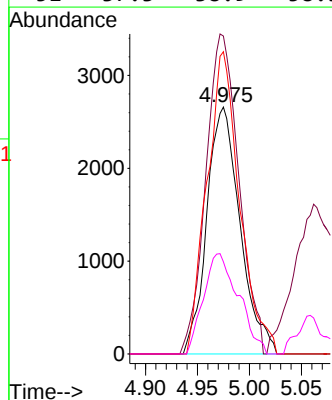
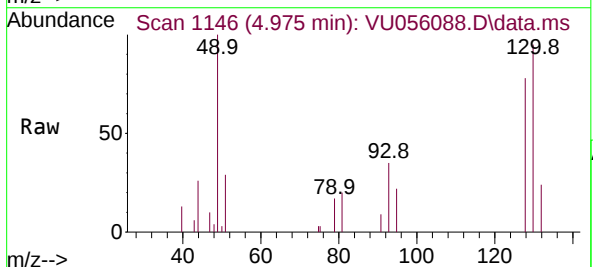
Instrument :
 MSVOA_U
 ClientSampleId :

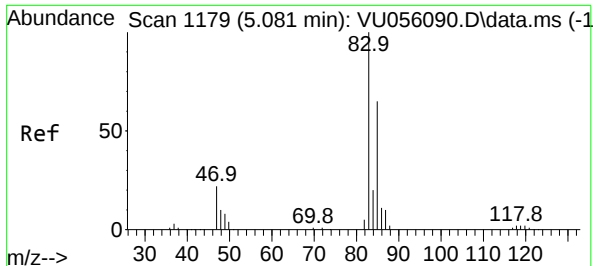
Tgt Ion: 96 Resp: 11807
 Ion Ratio Lower Upper
 96 100
 61 116.8 87.8 163.2
 98 66.9 43.5 80.7



#23
 Bromochloromethane
 Concen: 0.491 ug/L
 RT: 4.975 min Scan# 1146
 Delta R.T. 0.006 min
 Lab File: VU056088.D
 Acq: 07 Nov 2023 08:56

Tgt Ion: 128 Resp: 5923
 Ion Ratio Lower Upper
 128 100
 49 128.8 103.7 192.7
 130 122.4 91.8 170.6
 51 37.3 38.9 58.3#





#25

Chloroform

Concen: 0.505 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VU056088.D

Acq: 07 Nov 2023 08:56

Instrument :

MSVOA_U

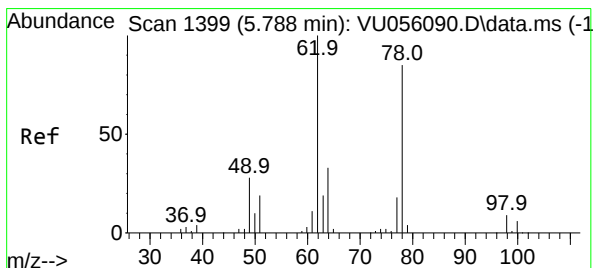
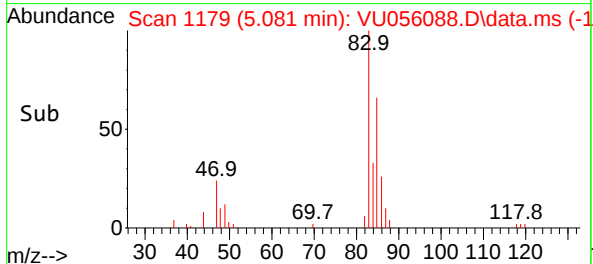
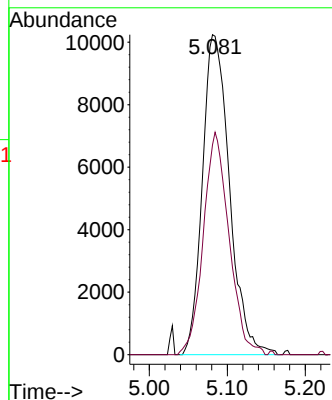
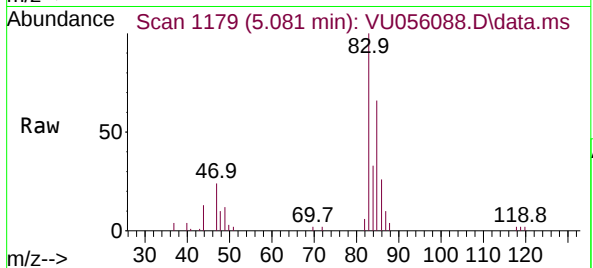
ClientSampleId :

Tgt Ion: 83 Resp: 24729

Ion Ratio Lower Upper

83 100

85 65.6 45.3 84.1



#27

1,2-Dichloroethane

Concen: 0.475 ug/L

RT: 5.795 min Scan# 1401

Delta R.T. 0.006 min

Lab File: VU056088.D

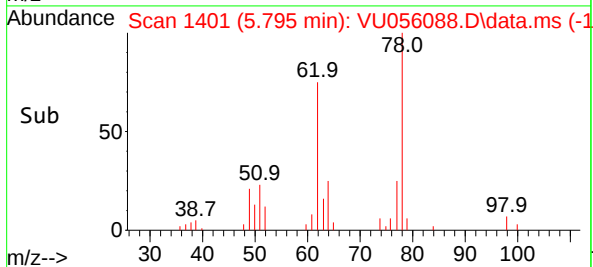
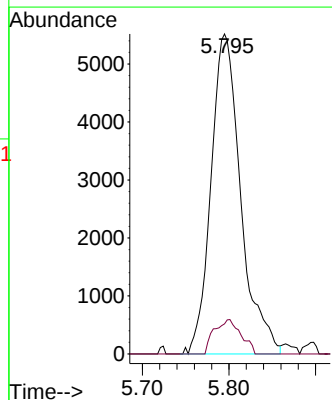
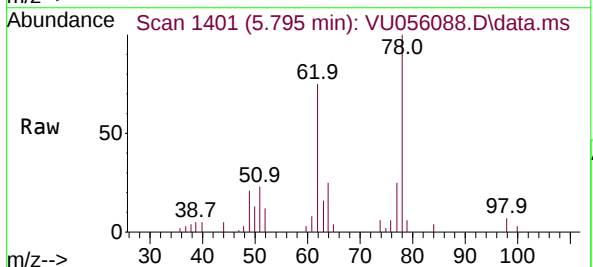
Acq: 07 Nov 2023 08:56

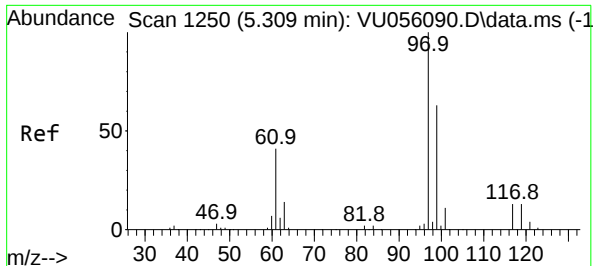
Tgt Ion: 62 Resp: 13160

Ion Ratio Lower Upper

62 100

98 9.4 7.1 10.7





#29

1,1,1-Trichloroethane

Concen: 0.457 ug/L

RT: 5.316 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU056088.D

Acq: 07 Nov 2023 08:56

Instrument :

MSVOA_U

ClientSampleId :

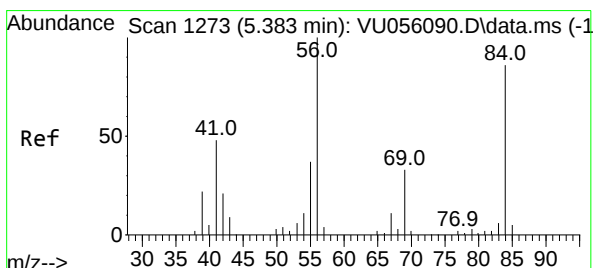
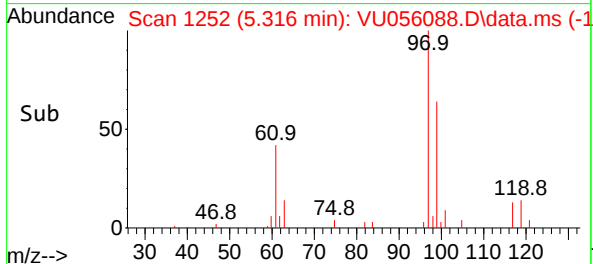
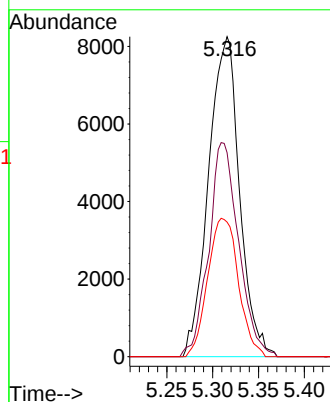
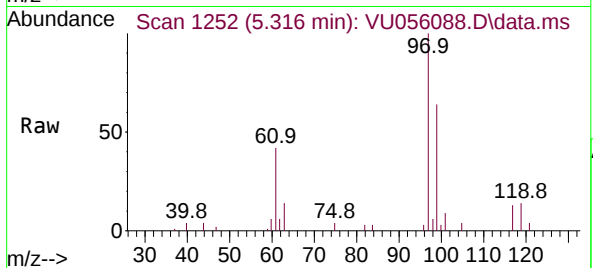
Tgt Ion: 97 Resp: 19374

Ion Ratio Lower Upper

97 100

99 64.7 52.0 78.0

61 42.9 33.4 50.0



#30

Cyclohexane

Concen: 0.418 ug/L

RT: 5.386 min Scan# 1274

Delta R.T. 0.003 min

Lab File: VU056088.D

Acq: 07 Nov 2023 08:56

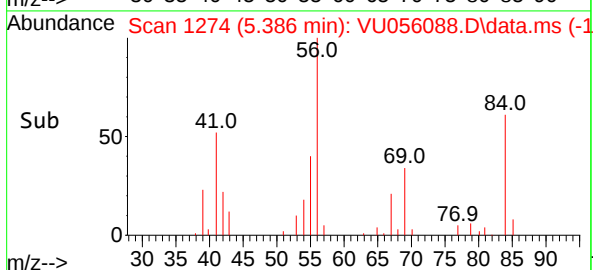
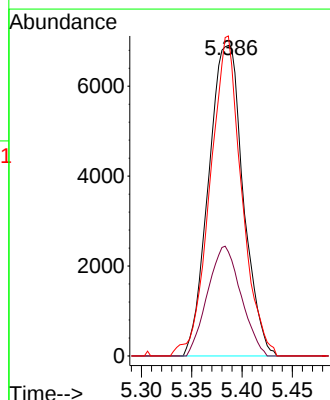
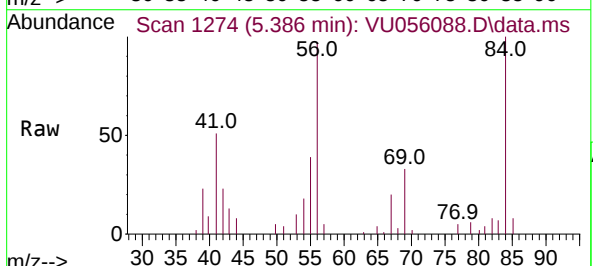
Tgt Ion: 56 Resp: 16552

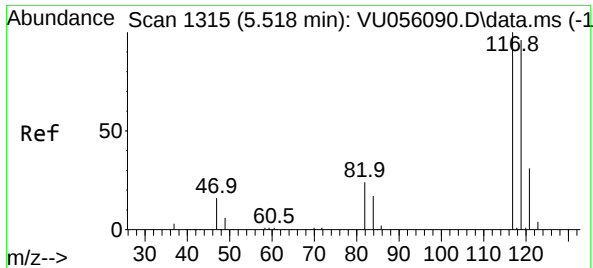
Ion Ratio Lower Upper

56 100

69 34.0 26.6 39.8

84 93.8 70.4 105.6

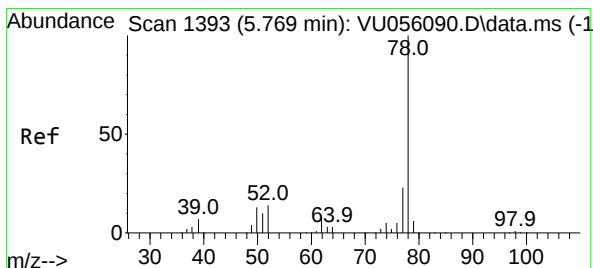
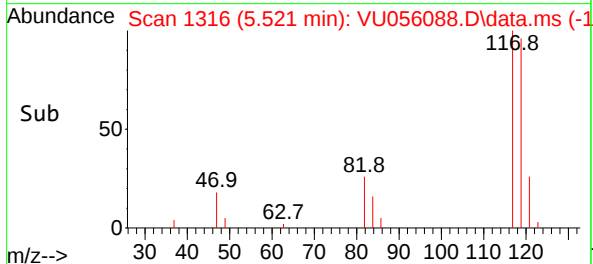
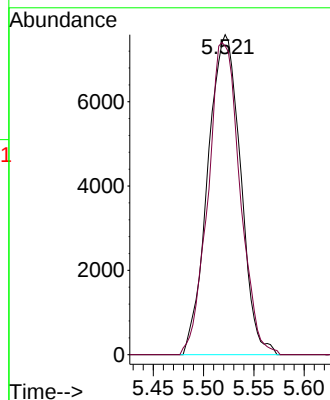
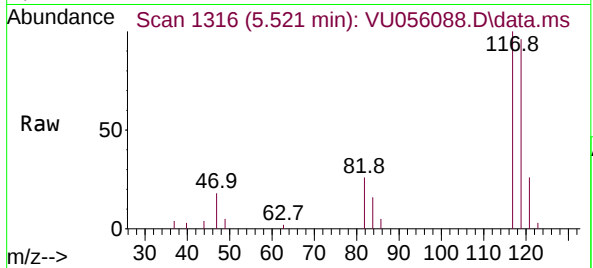




#31
Carbon tetrachloride
Concen: 0.457 ug/L
RT: 5.521 min Scan# 117
Delta R.T. 0.003 min
Lab File: VU056088.D
Acq: 07 Nov 2023 08:56

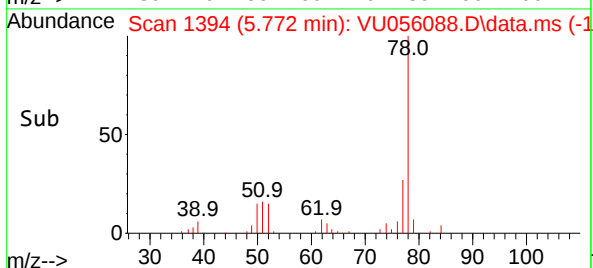
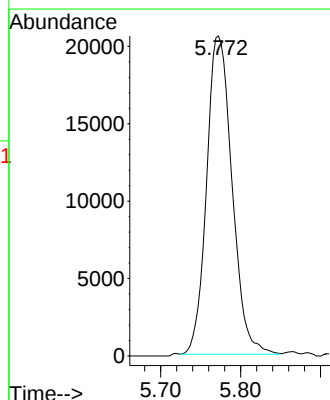
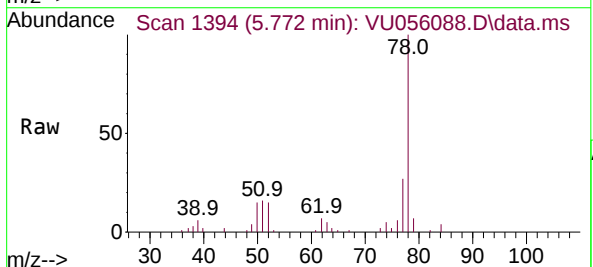
Instrument :
MSVOA_U
ClientSampleId :

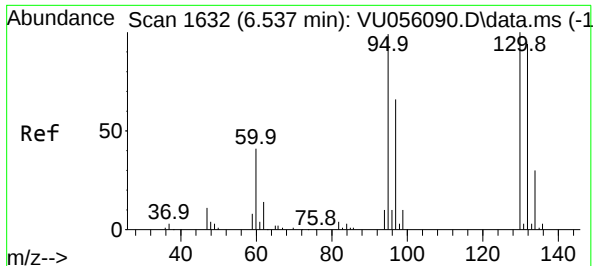
Tgt Ion:117 Resp: 17185
Ion Ratio Lower Upper
117 100
119 95.0 77.2 115.8



#33
Benzene
Concen: 0.430 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.003 min
Lab File: VU056088.D
Acq: 07 Nov 2023 08:56

Tgt Ion: 78 Resp: 45560

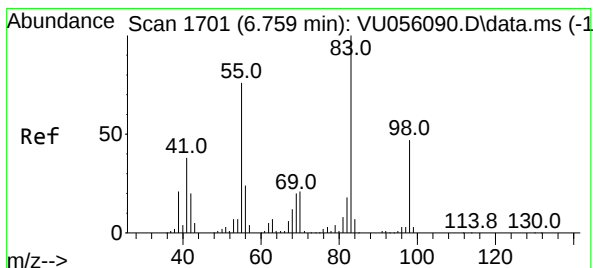
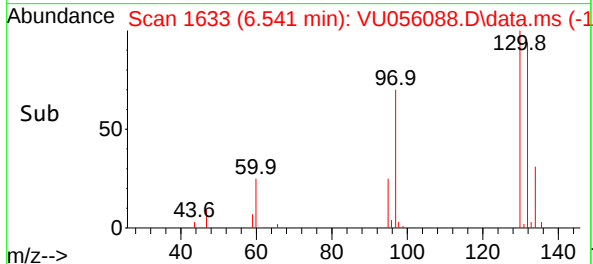
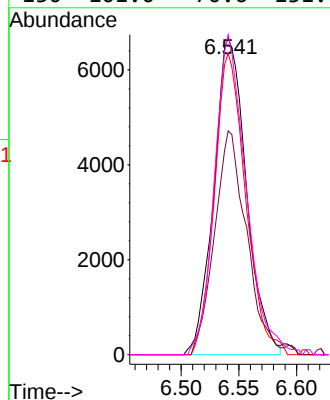
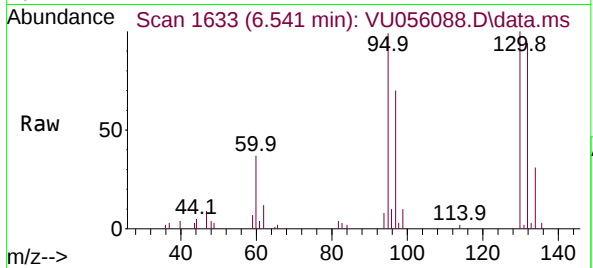




#34
Trichloroethene
Concen: 0.452 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU056088.D
Acq: 07 Nov 2023 08:56

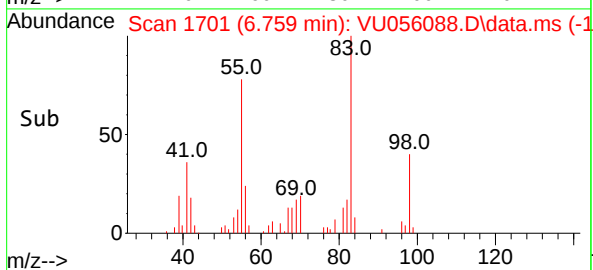
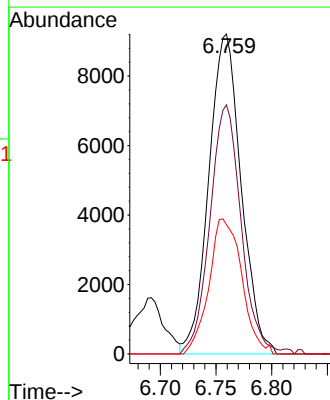
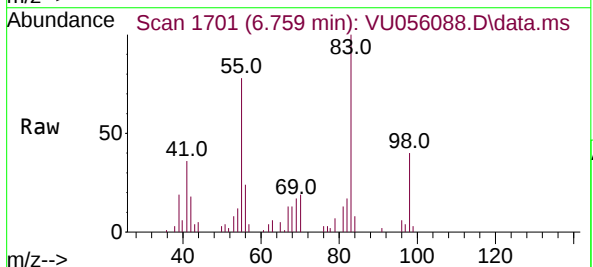
Instrument :
MSVOA_U
ClientSampleId :

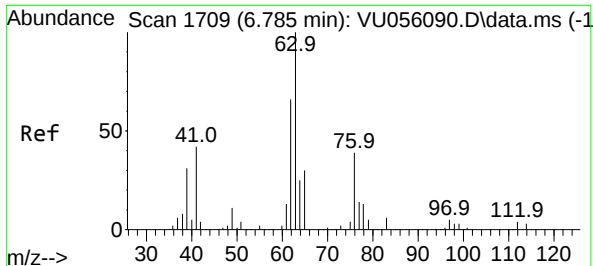
Tgt Ion: 95 Resp: 13059
Ion Ratio Lower Upper
95 100
97 70.6 46.8 87.0
132 95.1 66.5 123.5
130 101.0 70.6 131.0



#35
Methylcyclohexane
Concen: 0.433 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU056088.D
Acq: 07 Nov 2023 08:56

Tgt Ion: 83 Resp: 18589
Ion Ratio Lower Upper
83 100
55 74.8 60.6 91.0
98 42.8 36.2 54.4





#37

1,2-Dichloropropane

Concen: 0.449 ug/L

RT: 6.788 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU056088.D

Acq: 07 Nov 2023 08:56

Instrument :

MSVOA_U

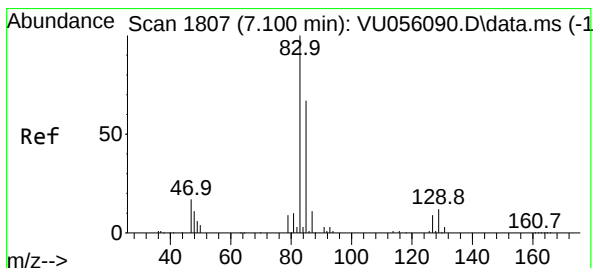
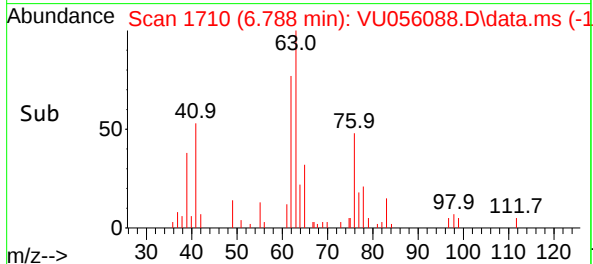
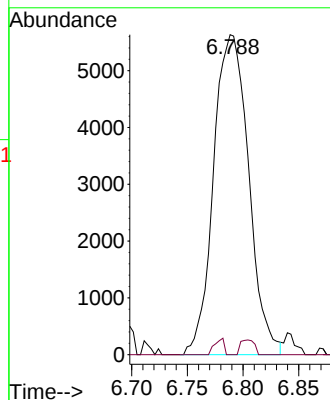
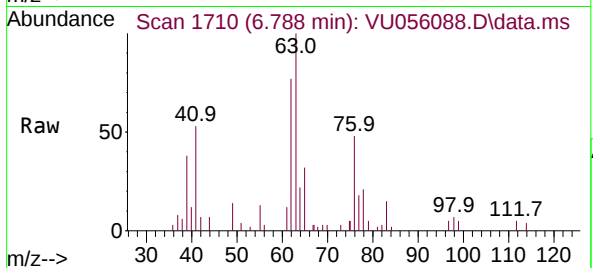
ClientSampleId :

Tgt Ion: 63 Resp: 12355

Ion Ratio Lower Upper

63 100

112 1.4 3.4 5.2#



#38

Bromodichloromethane

Concen: 0.499 ug/L

RT: 7.103 min Scan# 1808

Delta R.T. 0.003 min

Lab File: VU056088.D

Acq: 07 Nov 2023 08:56

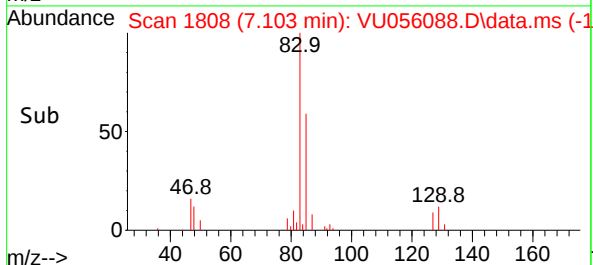
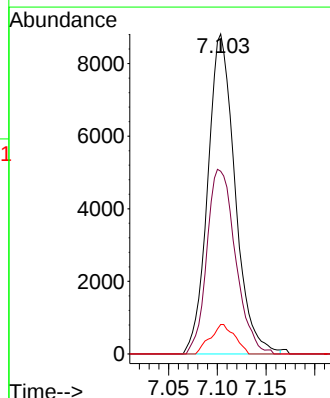
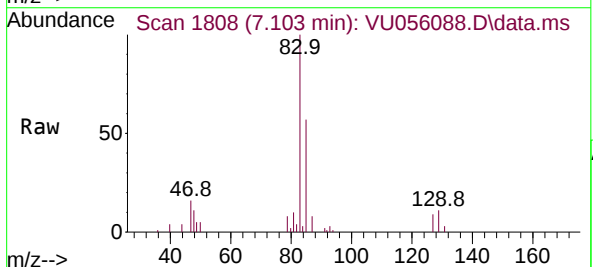
Tgt Ion: 83 Resp: 17139

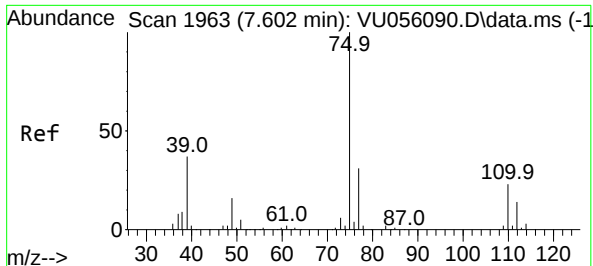
Ion Ratio Lower Upper

83 100

85 57.1 46.6 86.6

127 9.2 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 0.427 ug/L

RT: 7.608 min Scan# 1963

Delta R.T. 0.006 min

Lab File: VU056088.D

Acq: 07 Nov 2023 08:56

Instrument :

MSVOA_U

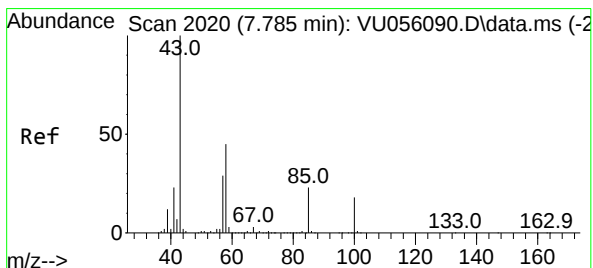
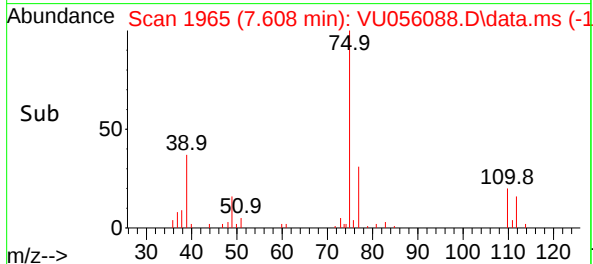
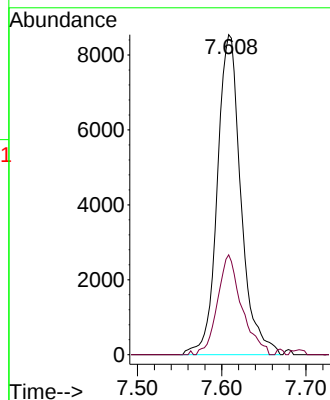
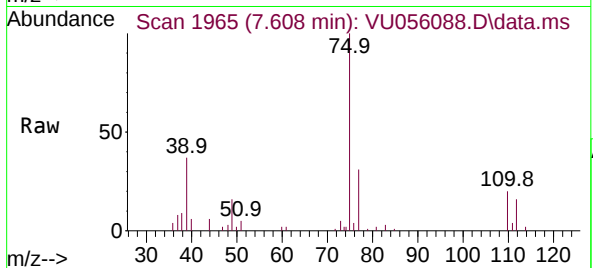
ClientSampleId :

Tgt Ion: 75 Resp: 16592

Ion Ratio Lower Upper

75 100

77 31.2 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 4.260 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. 0.003 min

Lab File: VU056088.D

Acq: 07 Nov 2023 08:56

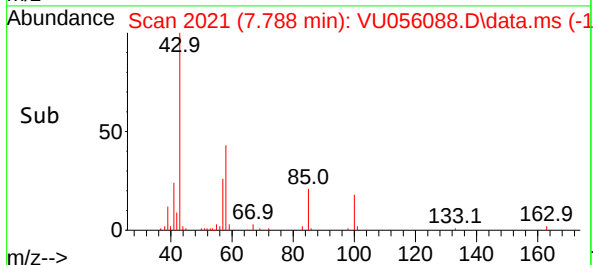
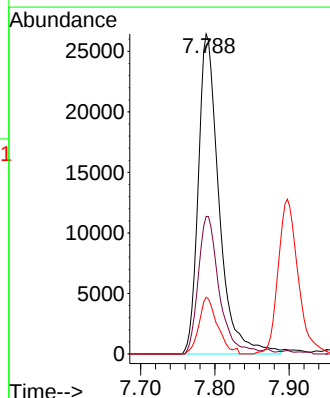
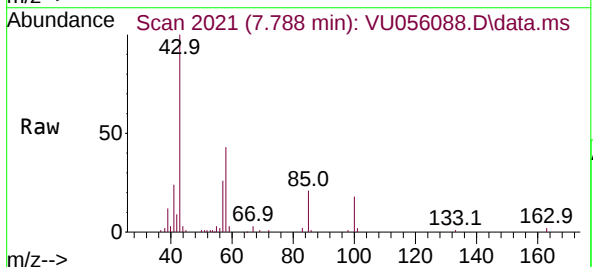
Tgt Ion: 43 Resp: 51301

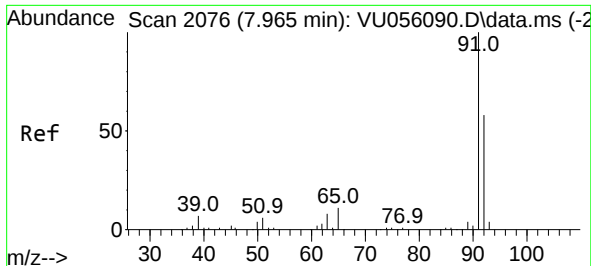
Ion Ratio Lower Upper

43 100

58 43.5 36.0 54.0

100 15.8 14.2 21.4





#42

Toluene

Concen: 0.432 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU056088.D

Acq: 07 Nov 2023 08:56

Instrument :

MSVOA_U

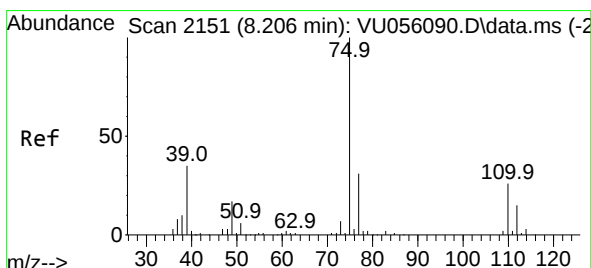
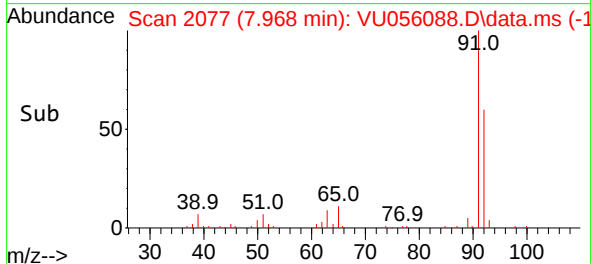
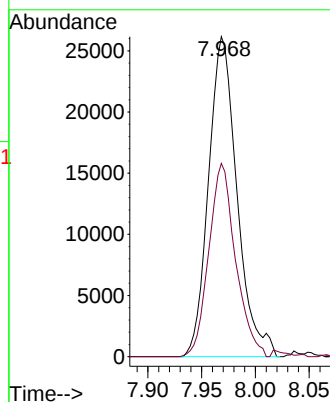
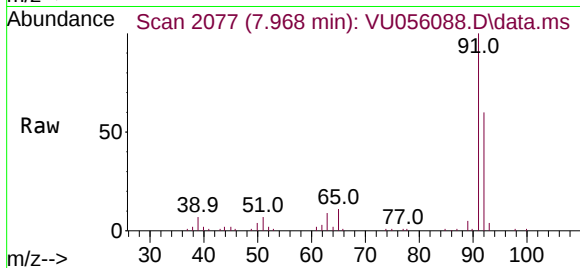
ClientSampleId :

Tgt Ion: 91 Resp: 48196

Ion Ratio Lower Upper

91 100

92 60.4 40.9 75.9



#44

trans-1,3-Dichloropropene

Concen: 0.432 ug/L

RT: 8.213 min Scan# 2153

Delta R.T. 0.006 min

Lab File: VU056088.D

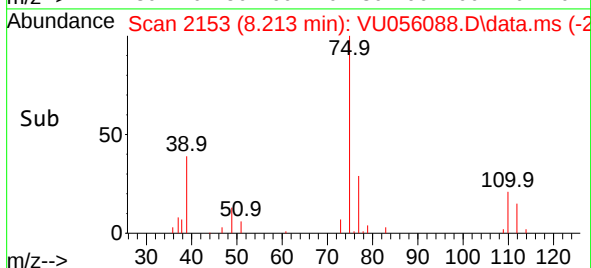
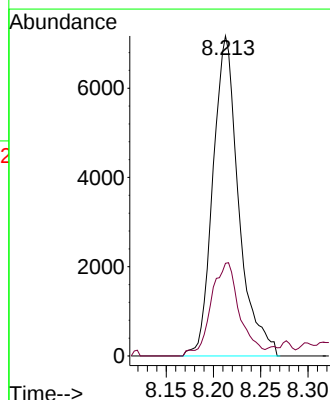
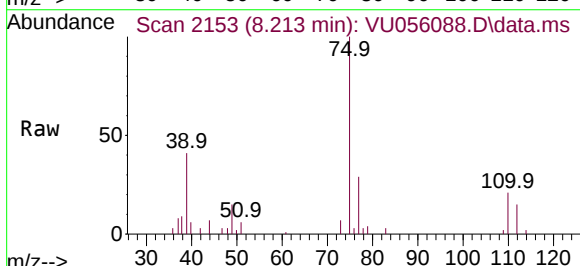
Acq: 07 Nov 2023 08:56

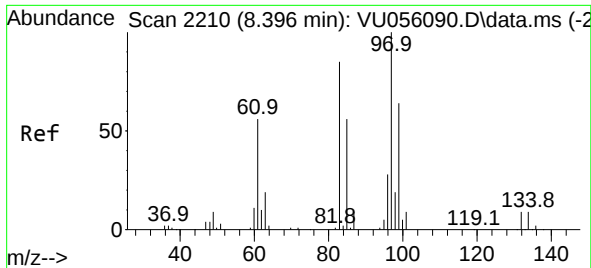
Tgt Ion: 75 Resp: 13581

Ion Ratio Lower Upper

75 100

77 29.0 21.7 40.3

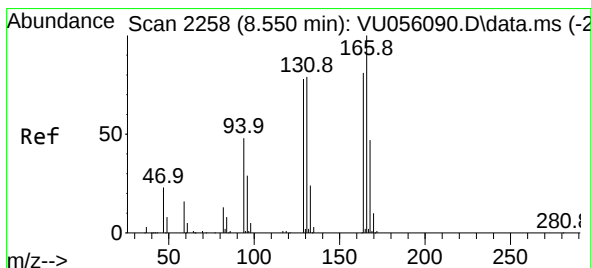
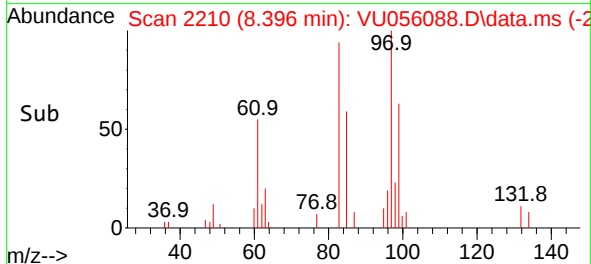
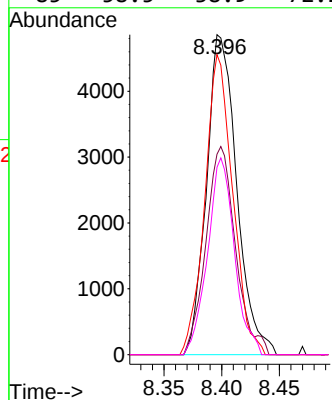
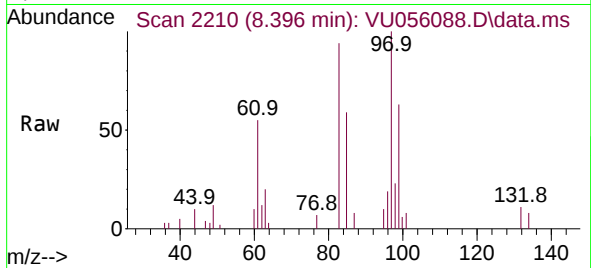




#45
1,1,2-Trichloroethane
Concen: 0.470 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VU056088.D
Acq: 07 Nov 2023 08:56

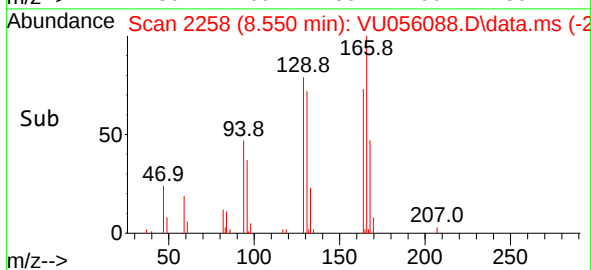
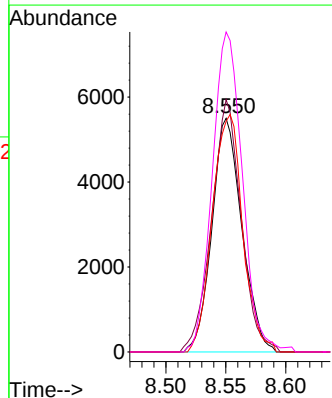
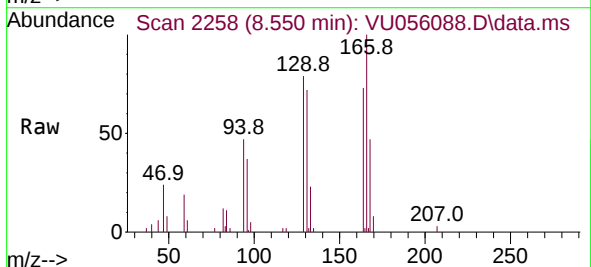
Instrument :
MSVOA_U
ClientSampleId :

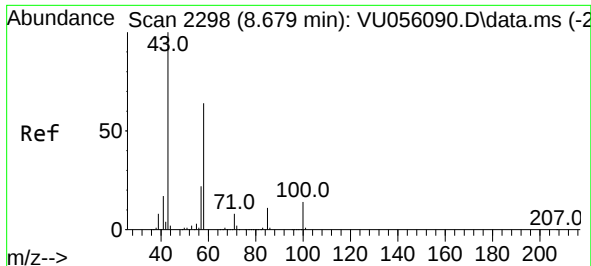
Tgt Ion:	97	Resp:	8854
Ion	Ratio	Lower	Upper
97	100		
99	62.6	44.7	82.9
83	93.8	59.4	110.2
85	58.5	38.9	72.2



#47
Tetrachloroethene
Concen: 0.439 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU056088.D
Acq: 07 Nov 2023 08:56

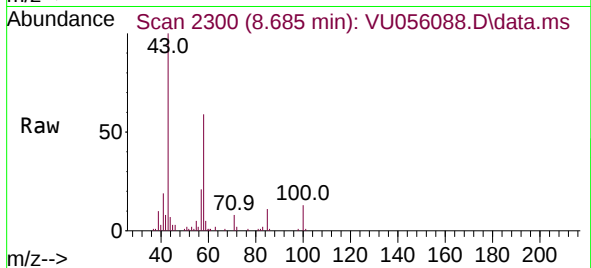
Tgt Ion:	164	Resp:	9538
Ion	Ratio	Lower	Upper
164	100		
129	108.0	66.6	123.8
131	98.7	67.8	126.0
166	137.0	85.9	159.5





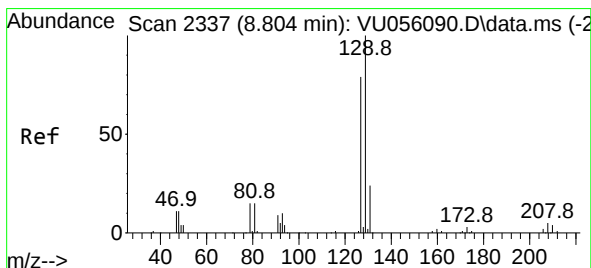
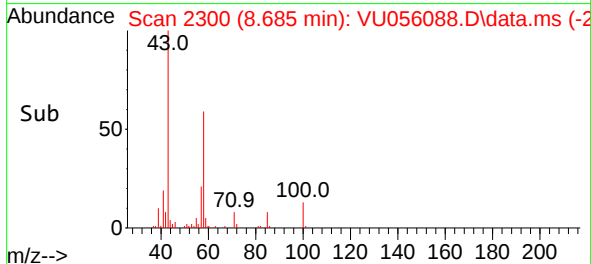
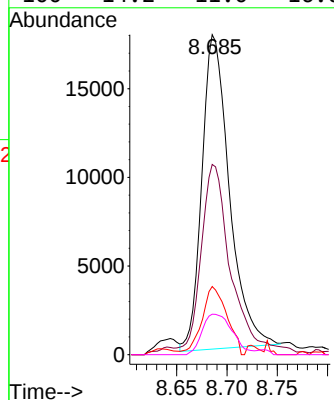
#48
2-Hexanone
Concen: 3.918 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU056088.D
Acq: 07 Nov 2023 08:56

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 33754

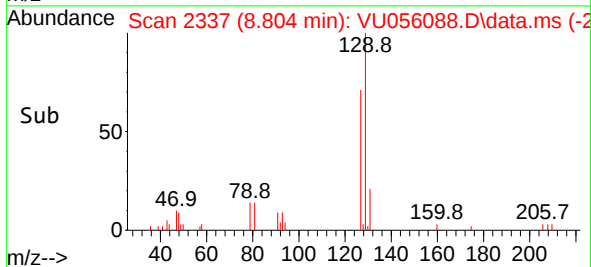
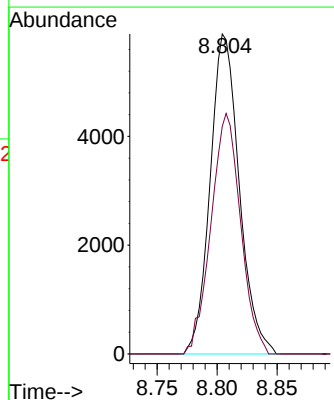
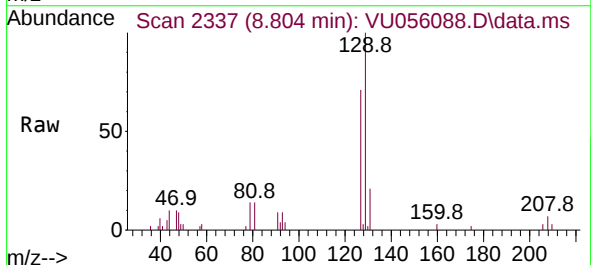
Ion	Ratio	Lower	Upper
43	100		
58	65.0	52.0	78.0
57	19.6	17.4	26.2
100	14.2	11.0	16.6

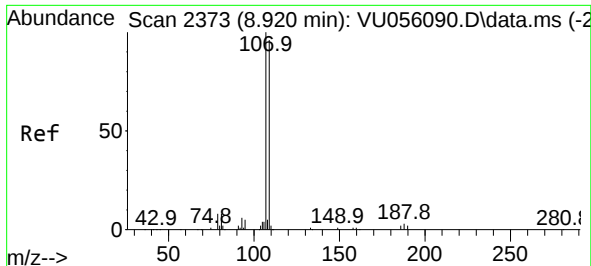


#49
Dibromochloromethane
Concen: 0.460 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU056088.D
Acq: 07 Nov 2023 08:56

Tgt Ion: 129 Resp: 9929

Ion	Ratio	Lower	Upper
129	100		
127	71.2	55.4	102.8





#50

1,2-Dibromoethane

Concen: 0.452 ug/L

RT: 8.923 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU056088.D

Acq: 07 Nov 2023 08:56

Instrument :

MSVOA_U

ClientSampleId :

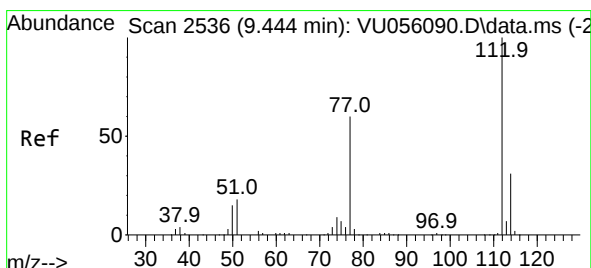
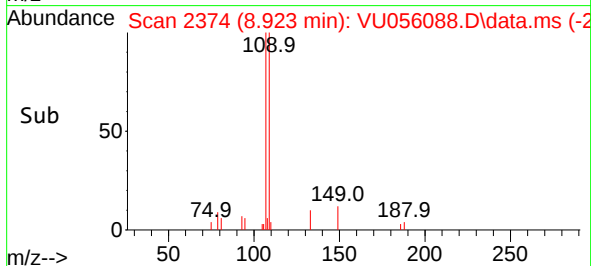
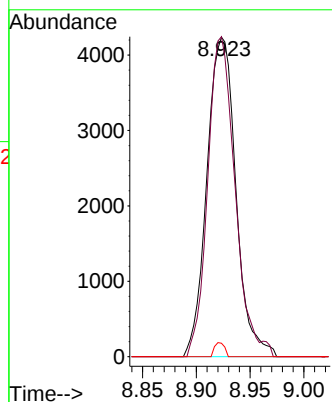
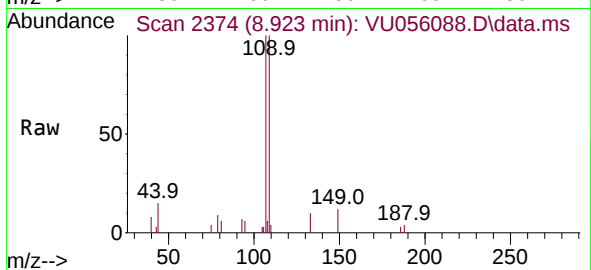
Tgt Ion:107 Resp: 7949

Ion Ratio Lower Upper

107 100

109 100.2 66.9 124.3

188 4.2 2.5 3.7#



#51

Chlorobenzene

Concen: 0.454 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. 0.000 min

Lab File: VU056088.D

Acq: 07 Nov 2023 08:56

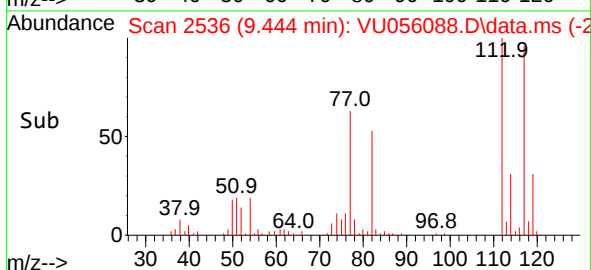
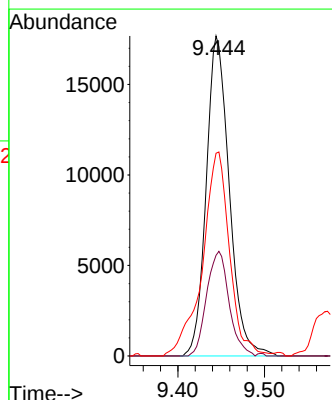
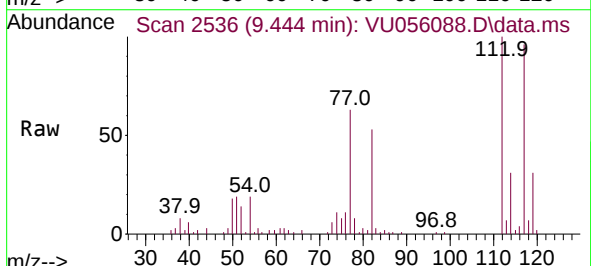
Tgt Ion:112 Resp: 32710

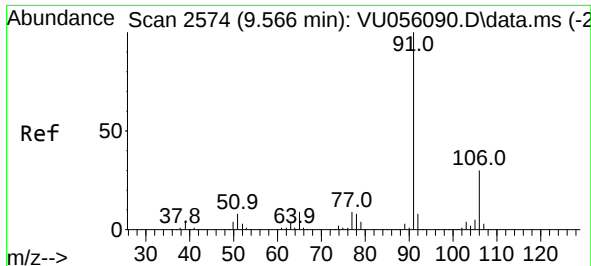
Ion Ratio Lower Upper

112 100

114 31.4 21.8 40.4

77 63.4 48.2 72.4

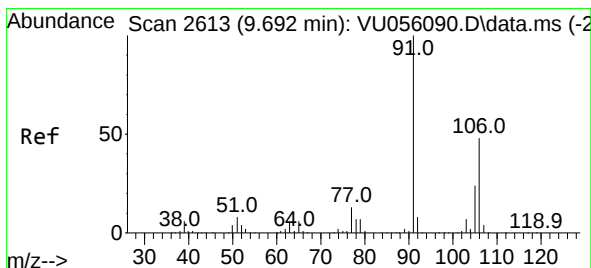
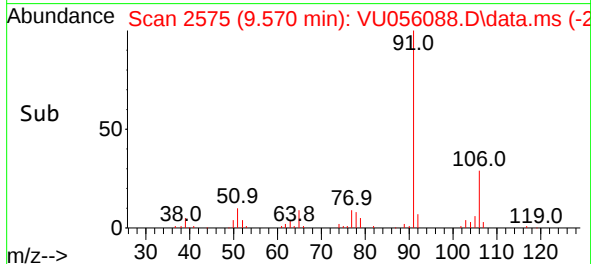
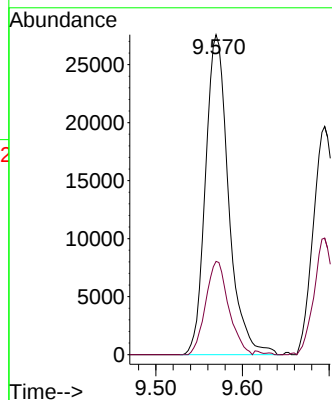
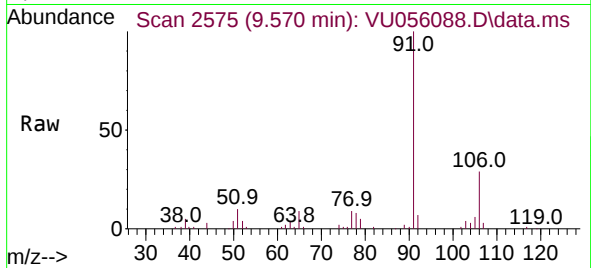




#52
Ethylbenzene
Concen: 0.420 ug/L
RT: 9.570 min Scan# 21064
Delta R.T. 0.003 min
Lab File: VU056088.D
Acq: 07 Nov 2023 08:56

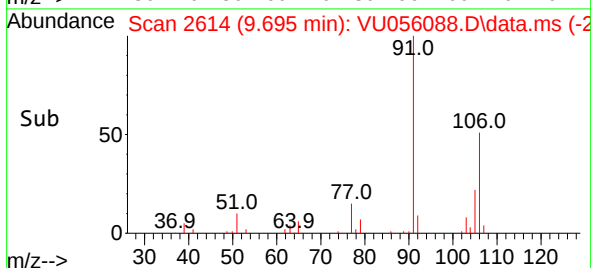
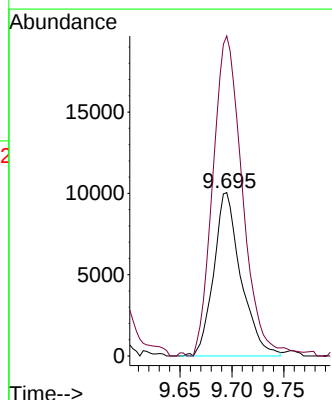
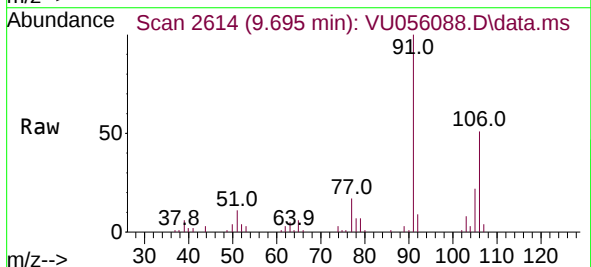
Instrument :
MSVOA_U
ClientSampleId :

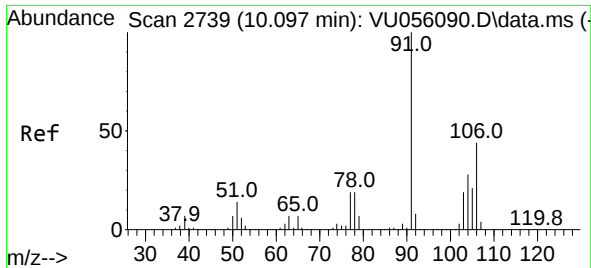
Tgt Ion: 91 Resp: 51064
Ion Ratio Lower Upper
91 100
106 29.1 21.2 39.4



#53
m,p-Xylene
Concen: 0.395 ug/L
RT: 9.695 min Scan# 2614
Delta R.T. 0.003 min
Lab File: VU056088.D
Acq: 07 Nov 2023 08:56

Tgt Ion:106 Resp: 18255
Ion Ratio Lower Upper
106 100
91 195.8 144.9 269.1

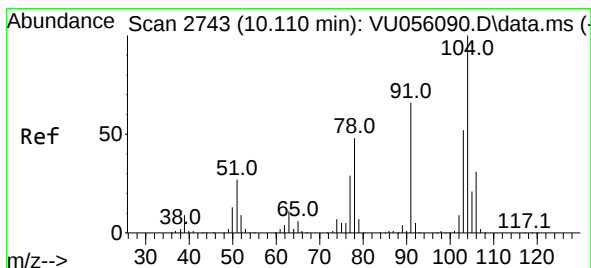
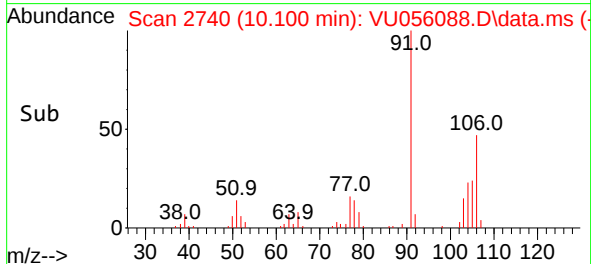
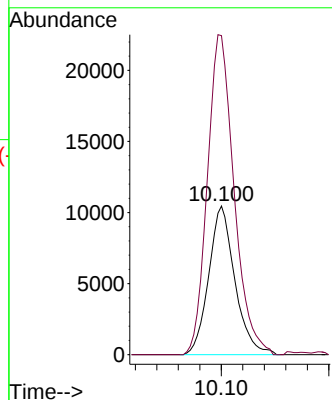
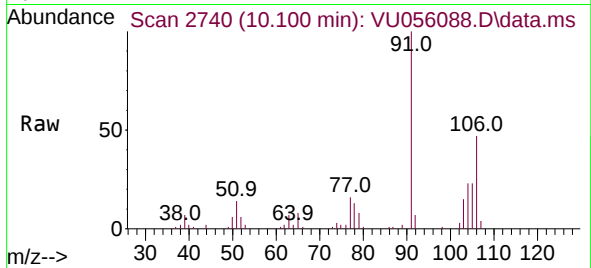




#54
o-Xylene
Concen: 0.398 ug/L
RT: 10.100 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056088.D
Acq: 07 Nov 2023 08:56

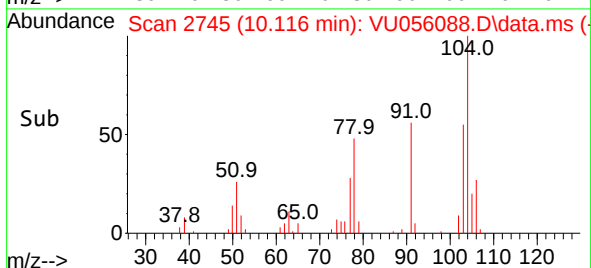
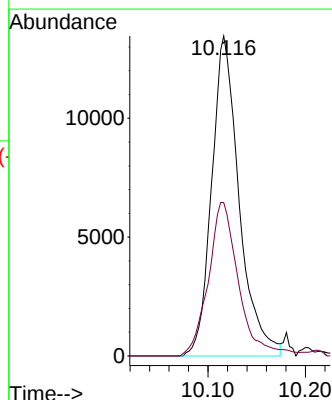
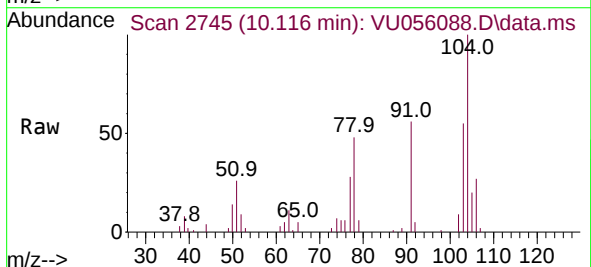
Instrument :
MSVOA_U
ClientSampleId :

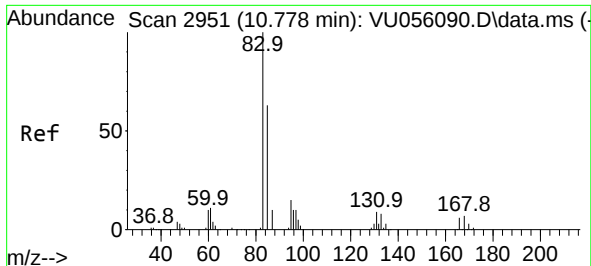
Tgt Ion:106 Resp: 17639
Ion Ratio Lower Upper
106 100
91 214.6 158.2 293.8



#55
Styrene
Concen: 0.363 ug/L
RT: 10.116 min Scan# 2745
Delta R.T. 0.006 min
Lab File: VU056088.D
Acq: 07 Nov 2023 08:56

Tgt Ion:104 Resp: 26366
Ion Ratio Lower Upper
104 100
78 47.9 33.5 62.3

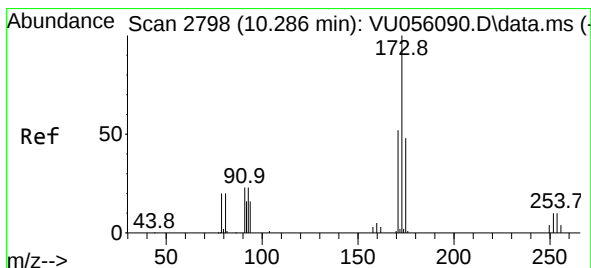
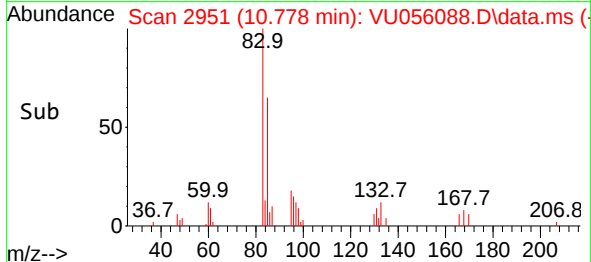
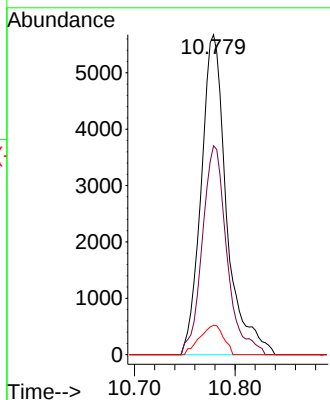
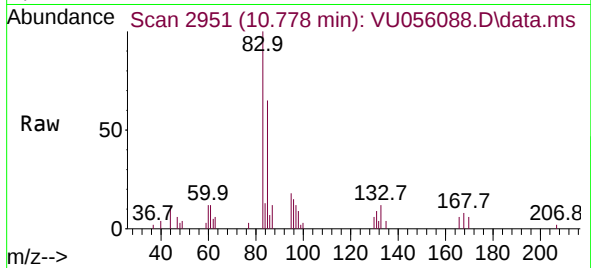




#57
1,1,2,2-Tetrachloroethane
Concen: 0.451 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU056088.D
Acq: 07 Nov 2023 08:56

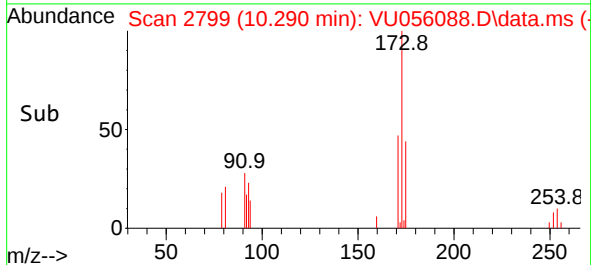
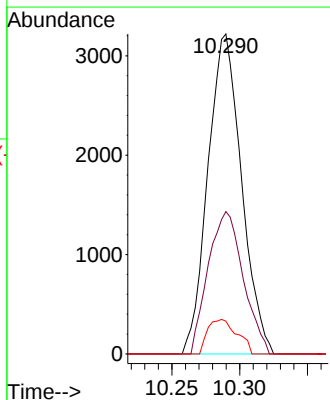
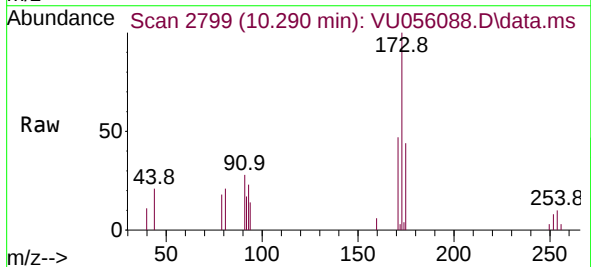
Instrument :
MSVOA_U
ClientSampleId :

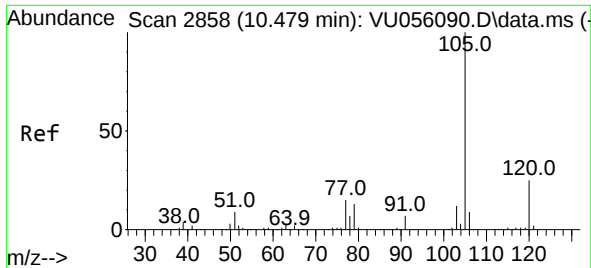
Tgt Ion:	83	Resp:	9971
Ion	Ratio	Lower	Upper
83	100		
85	65.3	44.0	81.8
131	9.2	7.4	11.2



#59
Bromoform
Concen: 0.492 ug/L
RT: 10.290 min Scan# 2799
Delta R.T. 0.003 min
Lab File: VU056088.D
Acq: 07 Nov 2023 08:56

Tgt Ion:	173	Resp:	5549
Ion	Ratio	Lower	Upper
173	100		
175	46.3	39.0	58.4
254	9.4	8.2	12.2

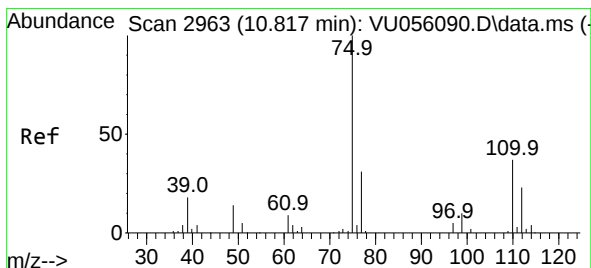
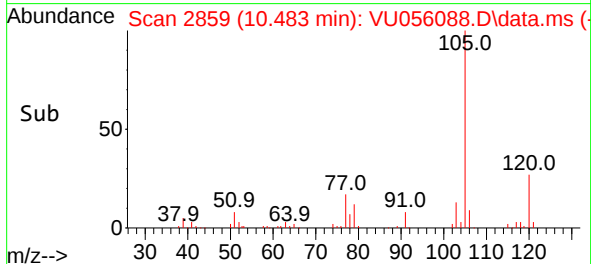
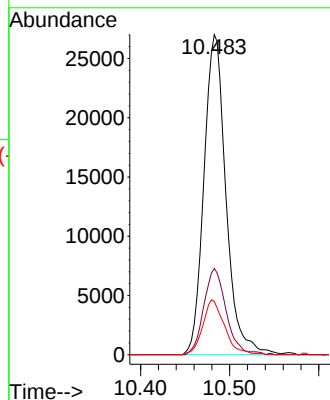
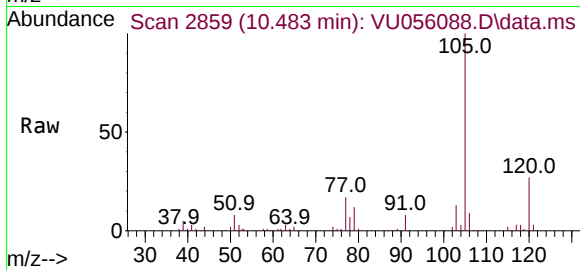




#60
Isopropylbenzene
Concen: 0.440 ug/L
RT: 10.483 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056088.D
Acq: 07 Nov 2023 08:56

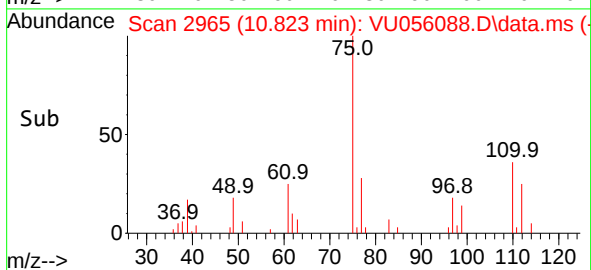
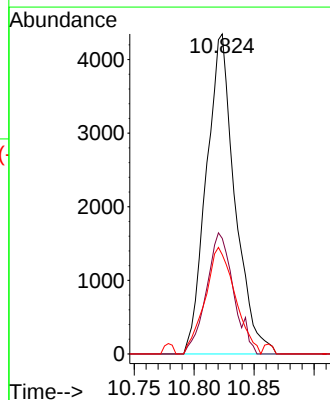
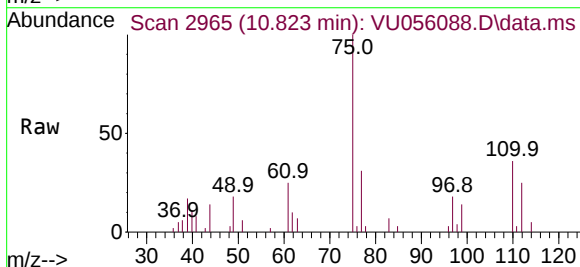
Instrument :
MSVOA_U
ClientSampleId :

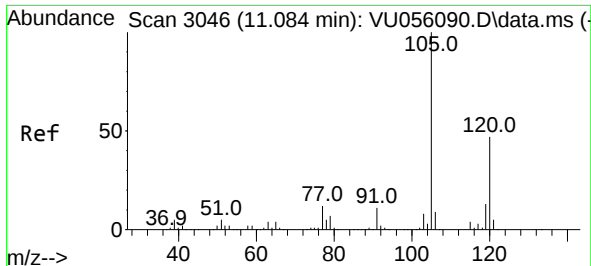
Tgt Ion:105 Resp: 46355
Ion Ratio Lower Upper
105 100
120 27.3 20.6 30.8
77 17.0 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 0.513 ug/L
RT: 10.823 min Scan# 2965
Delta R.T. 0.006 min
Lab File: VU056088.D
Acq: 07 Nov 2023 08:56

Tgt Ion: 75 Resp: 7195
Ion Ratio Lower Upper
75 100
110 35.9 29.7 44.5
77 35.0 25.5 38.3

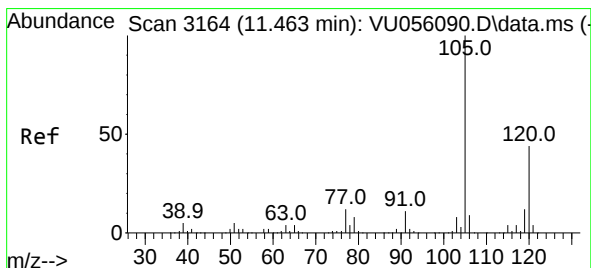
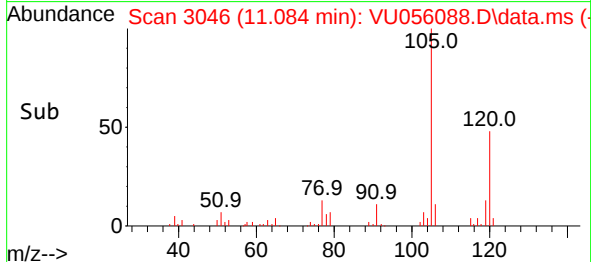
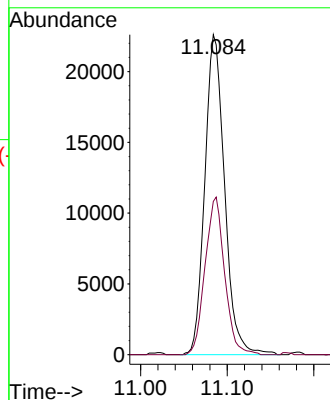
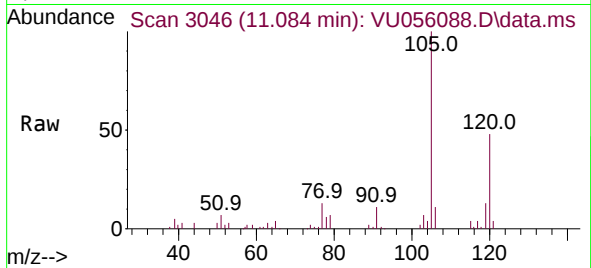




#62
1,3,5-Trimethylbenzene
Concen: 0.420 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU056088.D
Acq: 07 Nov 2023 08:56

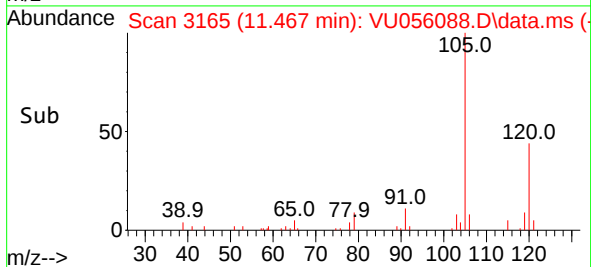
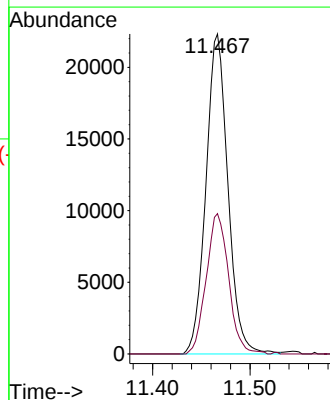
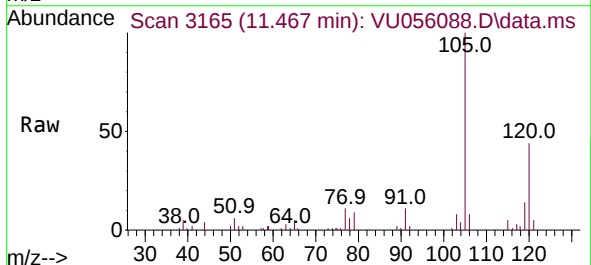
Instrument :
MSVOA_U
ClientSampleId :

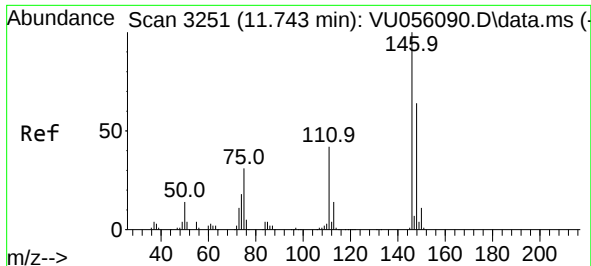
Tgt Ion:105 Resp: 35876
Ion Ratio Lower Upper
105 100
120 48.8 37.9 56.9



#63
1,2,4-Trimethylbenzene
Concen: 0.418 ug/L
RT: 11.467 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VU056088.D
Acq: 07 Nov 2023 08:56

Tgt Ion:105 Resp: 34983
Ion Ratio Lower Upper
105 100
120 44.7 35.4 53.0

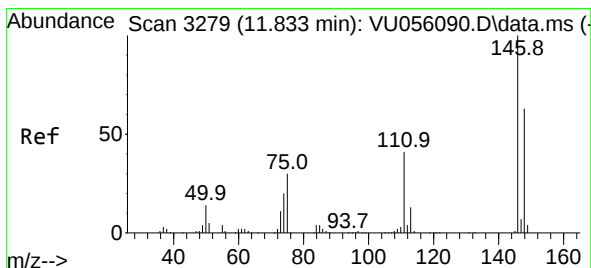
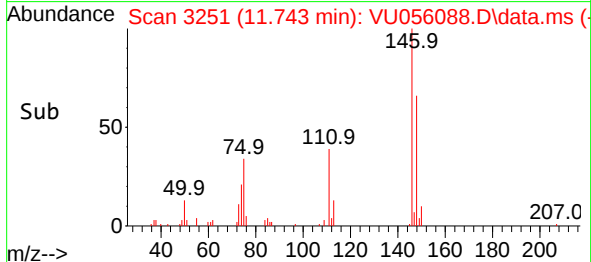
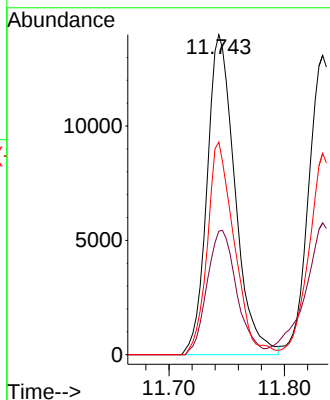
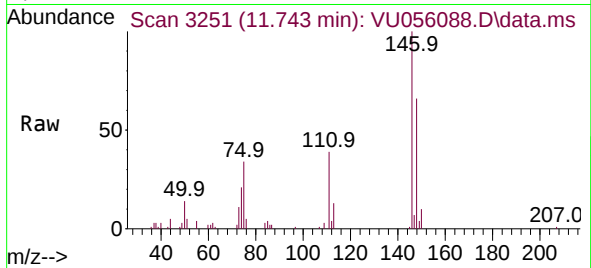




#64
1,3-Dichlorobenzene
Concen: 0.473 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU056088.D
Acq: 07 Nov 2023 08:56

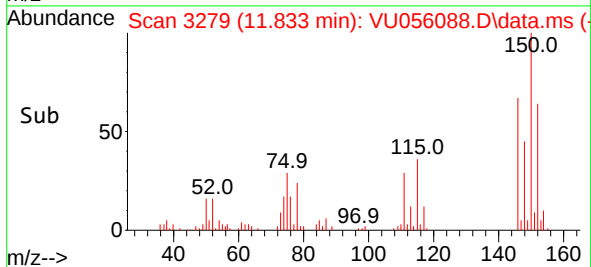
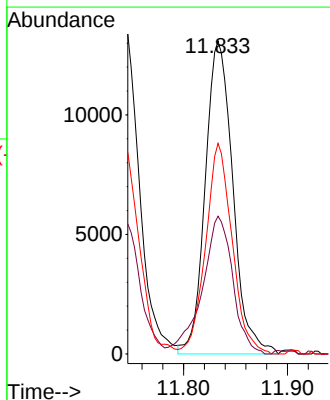
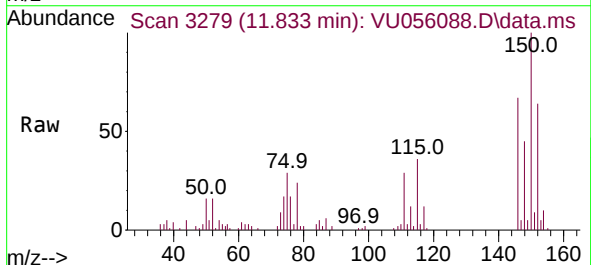
Instrument :
MSVOA_U
ClientSampleId :

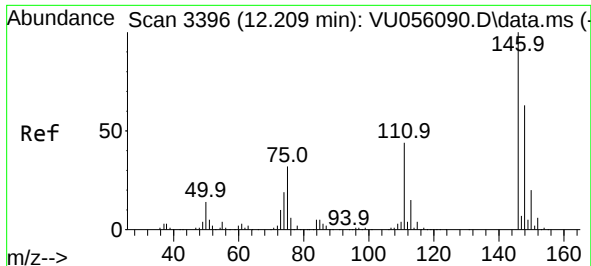
Tgt Ion:146 Resp: 23570
Ion Ratio Lower Upper
146 100
111 38.6 29.7 55.1
148 66.4 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 0.490 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU056088.D
Acq: 07 Nov 2023 08:56

Tgt Ion:146 Resp: 24138
Ion Ratio Lower Upper
146 100
111 44.0 29.0 53.8
148 67.3 43.9 81.5





#67

1,2-Dichlorobenzene

Concen: 0.468 ug/L

RT: 12.213 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU056088.D

Acq: 07 Nov 2023 08:56

Instrument :

MSVOA_U

ClientSampleId :

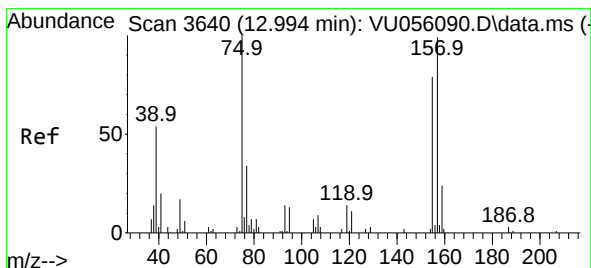
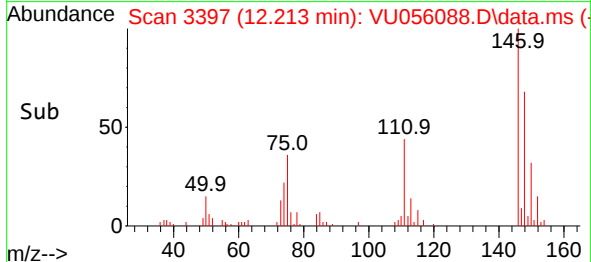
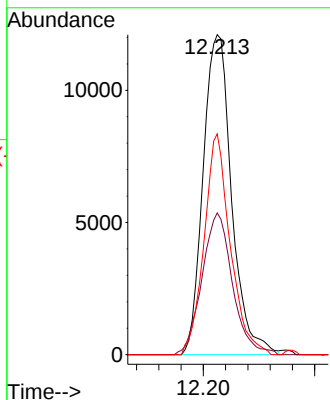
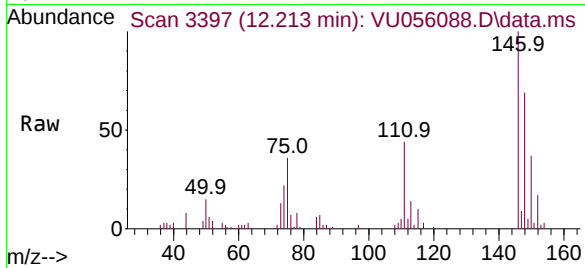
Tgt Ion:146 Resp: 21515

Ion Ratio Lower Upper

146 100

111 44.3 35.2 52.8

148 69.0 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 0.446 ug/L

RT: 12.997 min Scan# 3641

Delta R.T. 0.003 min

Lab File: VU056088.D

Acq: 07 Nov 2023 08:56

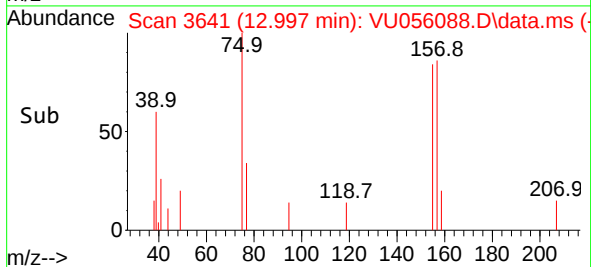
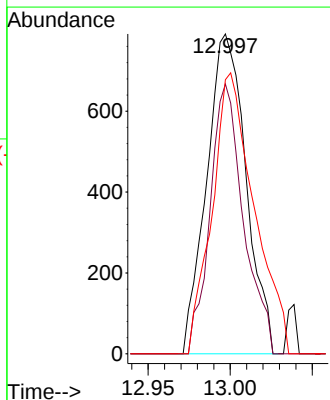
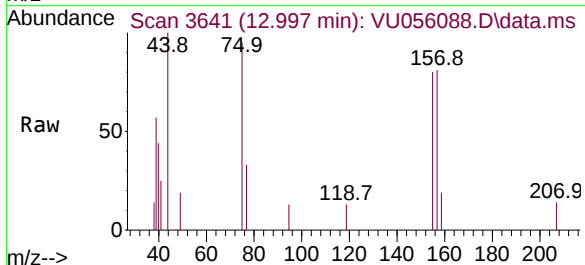
Tgt Ion: 75 Resp: 1318

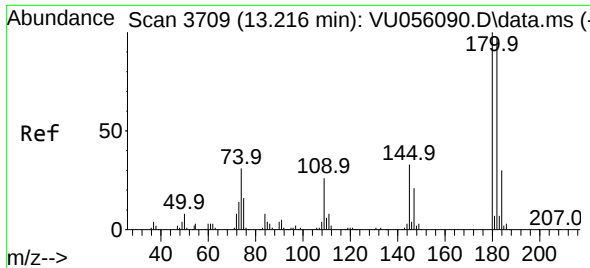
Ion Ratio Lower Upper

75 100

155 84.3 63.3 94.9

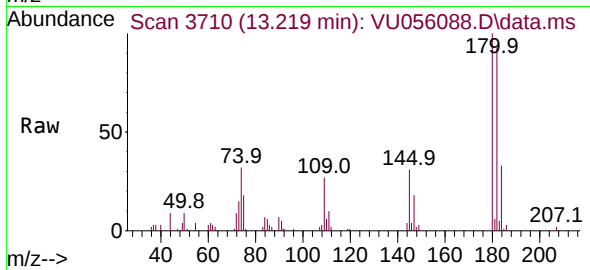
157 85.7 79.1 118.7



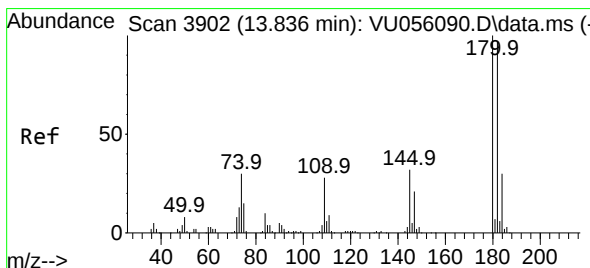
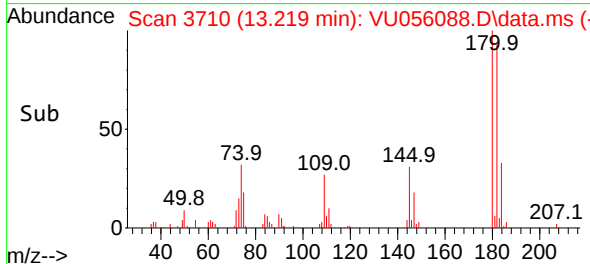
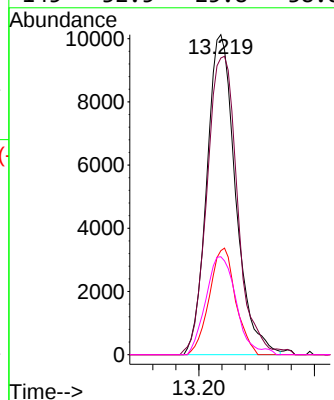


#69
1,3,5-Trichlorobenzene
Concen: 0.469 ug/L
RT: 13.219 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU056088.D
Acq: 07 Nov 2023 08:56

Instrument :
MSVOA_U
ClientSampleId :

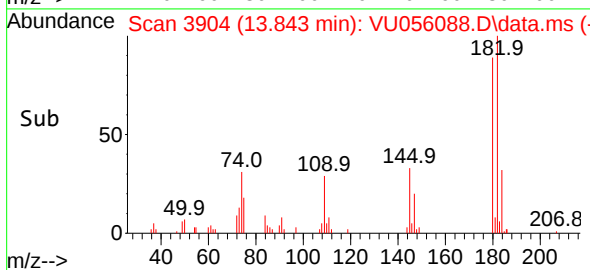
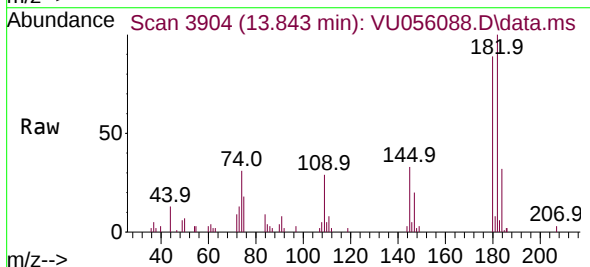
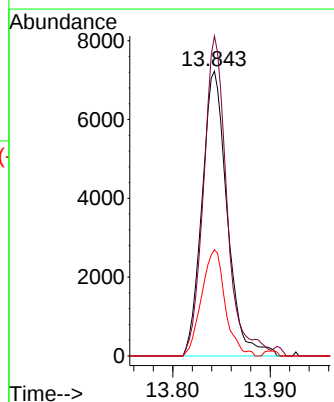


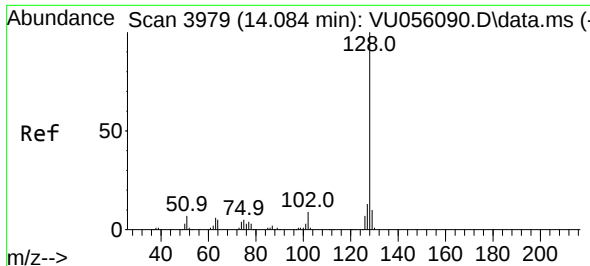
Tgt Ion:180 Resp: 17520
Ion Ratio Lower Upper
180 100
182 99.1 76.0 114.0
184 30.4 24.0 36.0
145 32.5 25.8 38.8



#70
1,2,4-trichlorobenzene
Concen: 0.438 ug/L
RT: 13.843 min Scan# 3904
Delta R.T. 0.007 min
Lab File: VU056088.D
Acq: 07 Nov 2023 08:56

Tgt Ion:180 Resp: 12965
Ion Ratio Lower Upper
180 100
182 103.8 77.4 116.2
145 34.9 25.9 38.9

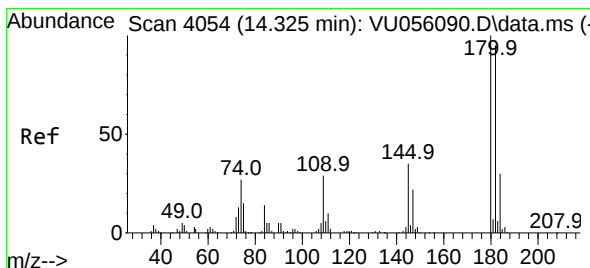
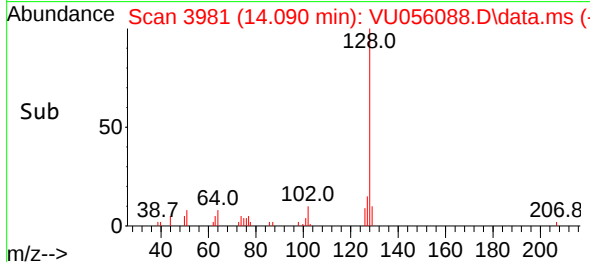
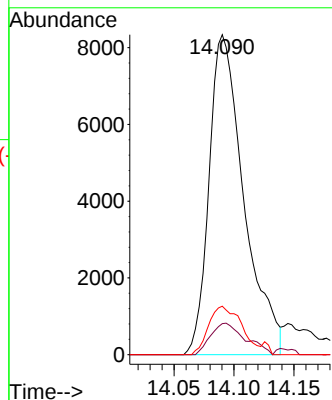
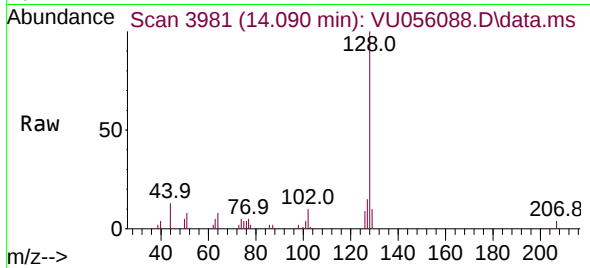




#71
Naphthalene
Concen: 0.390 ug/L
RT: 14.090 min Scan# 3979
Delta R.T. 0.006 min
Lab File: VU056088.D
Acq: 07 Nov 2023 08:56

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 16823
Ion Ratio Lower Upper
128 100
129 9.8 8.4 12.6
127 14.5 10.5 15.7



#72
1,2,3-Trichlorobenzene
Concen: 0.449 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VU056088.D
Acq: 07 Nov 2023 08:56

Tgt Ion:180 Resp: 11662
Ion Ratio Lower Upper
180 100
182 91.1 76.6 115.0
145 37.5 28.0 42.0

