

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011124\
 Data File : VU057462.D
 Acq On : 11 Jan 2024 16:13
 Operator : MD/SY
 Sample : VSTD0.5
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 11 21:05:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 11 21:04:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	291666	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	280838	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	105039	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	13835	0.532	ug/L	0.00
7) Chloroethane-d5	1.914	69	11261	0.542	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	6386	0.611	ug/L	0.00
20) 2-Butanone-d5	4.669	46	9052	1.598	ug/L	0.03
24) Chloroform-d	5.058	84	24277	0.528	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.701	65	11471	0.495	ug/L	0.00
32) Benzene-d6	5.727	84	43064	0.490	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.688	67	14022	0.514	ug/L	0.00
41) Toluene-d8	7.894	98	34113	0.451	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.184	79	4517	0.427	ug/L	0.00
46) 2-Hexanone-d5	8.643	63	14049	3.091	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.753	84	9647	0.457	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.196	152	10665	0.545	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	9917	0.471	ug/L	95
3) Chloromethane	1.518	50	12263	0.524	ug/L	99
5) Vinyl chloride	1.602	62	11253	0.467	ug/L	96
6) Bromomethane	1.856	94	6697	0.564	ug/L	98
8) Chloroethane	1.936	64	6872	0.443	ug/L	92
9) Trichlorofluoromethane	2.136	101	14472	0.421	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	9632	0.458	ug/L	96
12) 1,1-Dichloroethene	2.576	96	8469	0.451	ug/L	96
13) Acetone	2.663	43	14684	4.021	ug/L	86
14) Carbon disulfide	2.788	76	25497	0.476	ug/L	97
15) Methyl Acetate	2.975	43	3849	0.457	ug/L #	89
16) Methylene chloride	3.042	84	21491	0.875	ug/L	92
17) Methyl tert-butyl Ether	3.357	73	20211	0.425	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	8191	0.436	ug/L	95
19) 1,1-Dichloroethane	3.869	63	18488	0.463	ug/L	98
21) 2-Butanone	4.746	43	15835	3.022	ug/L	93
22) cis-1,2-Dichloroethene	4.669	96	9813	0.451	ug/L	97
23) Bromochloromethane	4.978	128	3974	0.412	ug/L	92
25) Chloroform	5.087	83	20067	0.479	ug/L	95
27) 1,2-Dichloroethane	5.791	62	12147	0.465	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	16076	0.437	ug/L	96
30) Cyclohexane	5.383	56	11842	0.423	ug/L	94
31) Carbon tetrachloride	5.518	117	13289	0.432	ug/L	97
33) Benzene	5.772	78	37930	0.449	ug/L	100
34) Trichloroethene	6.541	95	10354	0.462	ug/L	97
35) Methylcyclohexane	6.756	83	12006	0.411	ug/L #	87
37) 1,2-Dichloropropane	6.785	63	10698	0.456	ug/L	99
38) Bromodichloromethane	7.103	83	12557	0.421	ug/L	99
39) cis-1,3-Dichloropropene	7.608	75	13109	0.412	ug/L	94
40) 4-Methyl-2-pentanone	7.795	43	47345	3.959	ug/L	96
42) Toluene	7.968	91	33734	0.372	ug/L	96
44) trans-1,3-Dichloropropene	8.216	75	10241	0.372	ug/L	96

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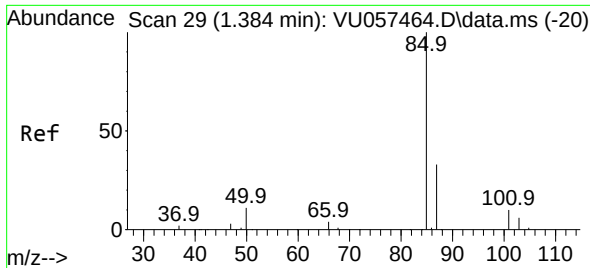
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 11 21:05:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.399	97	7246	0.432	ug/L #	84
47) Tetrachloroethene	8.550	164	6025	0.385	ug/L	91
48) 2-Hexanone	8.695	43	33879	3.891	ug/L #	87
49) Dibromochloromethane	8.807	129	7548	0.405	ug/L	97
50) 1,2-Dibromoethane	8.926	107	5673	0.387	ug/L #	96
51) Chlorobenzene	9.444	112	24406	0.465	ug/L	94
52) Ethylbenzene	9.569	91	32539	0.376	ug/L	99
53) m,p-Xylene	9.692	106	10826	0.331	ug/L	91
54) o-Xylene	10.100	106	10519	0.340	ug/L	93
55) Styrene	10.116	104	16386	0.317	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.782	83	8305	0.416	ug/L	98
59) Bromoform	10.293	173	3488	0.446	ug/L #	86
60) Isopropylbenzene	10.483	105	28568	0.458	ug/L	97
61) 1,2,3-Trichloropropane	10.823	75	5754	0.545	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	17677	0.350	ug/L	100
63) 1,2,4-Trimethylbenzene	11.466	105	16749	0.332	ug/L	92
64) 1,3-Dichlorobenzene	11.746	146	15317	0.495	ug/L	96
65) 1,4-Dichlorobenzene	11.836	146	15802	0.506	ug/L	98
67) 1,2-Dichlorobenzene	12.212	146	14793	0.499	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.997	75	836	0.355	ug/L	93
69) 1,3,5-Trichlorobenzene	13.219	180	9672	0.440	ug/L	98
70) 1,2,4-trichlorobenzene	13.846	180	5478	0.322	ug/L	98
71) Naphthalene	14.093	128	7190	0.281	ug/L #	95
72) 1,2,3-Trichlorobenzene	14.334	180	4621	0.322	ug/L	96

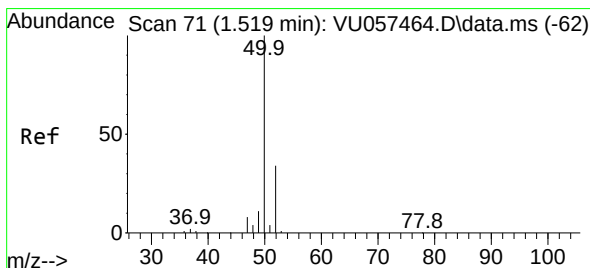
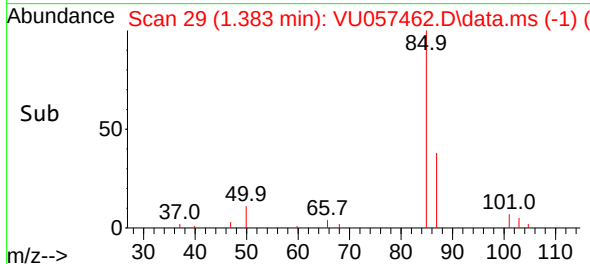
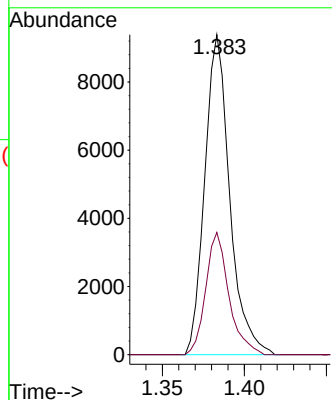
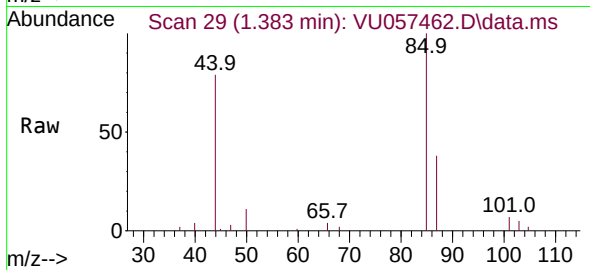
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 0.471 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU057462.D
 Acq: 11 Jan 2024 16:13

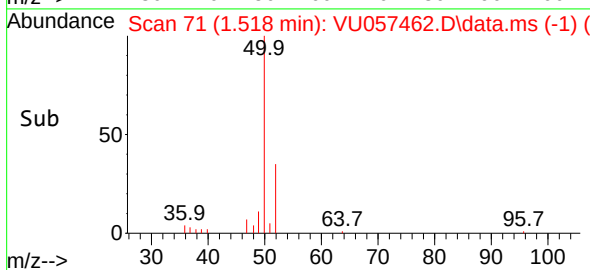
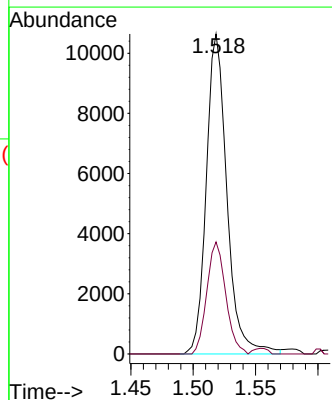
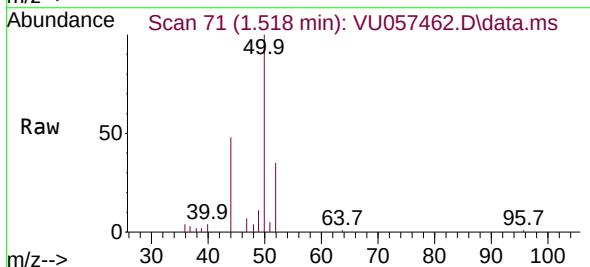
Instrument :
 MSVOA_U
 ClientSampleId :

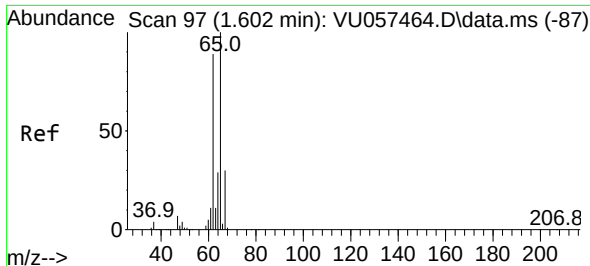
Tgt Ion: 85 Resp: 9917
 Ion Ratio Lower Upper
 85 100
 87 35.5 26.2 39.4



#3
 Chloromethane
 Concen: 0.524 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU057462.D
 Acq: 11 Jan 2024 16:13

Tgt Ion: 50 Resp: 12263
 Ion Ratio Lower Upper
 50 100
 52 35.0 24.1 44.7

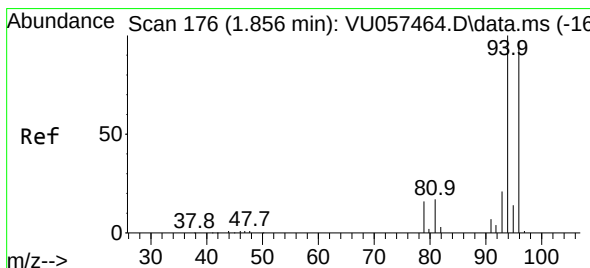
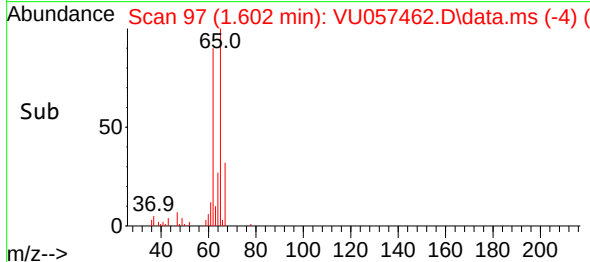
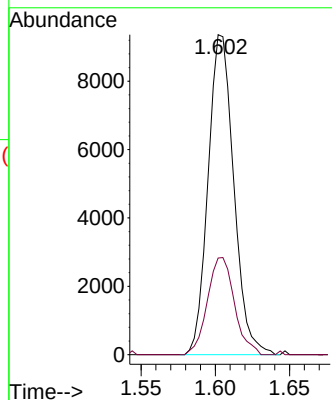
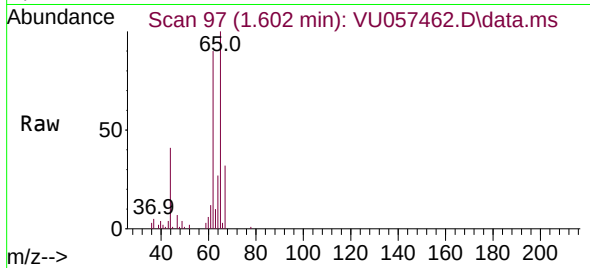




#5
 Vinyl chloride
 Concen: 0.467 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU057462.D
 Acq: 11 Jan 2024 16:13

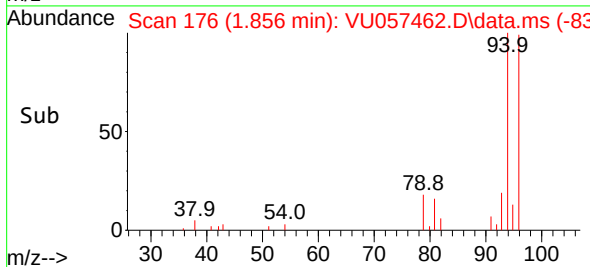
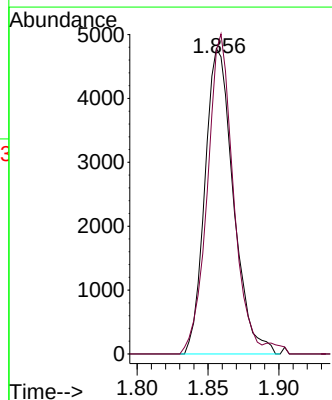
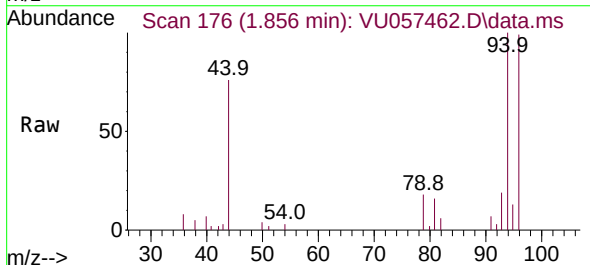
Instrument :
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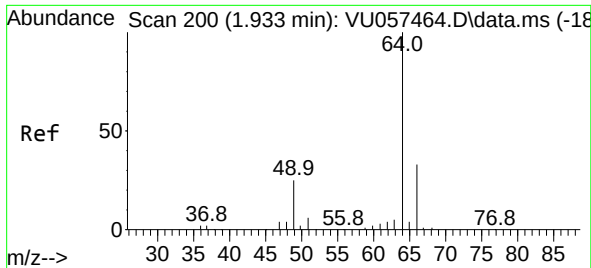
Tgt Ion: 62 Resp: 11253
 Ion Ratio Lower Upper
 62 100
 64 30.2 22.9 42.5



#6
 Bromomethane
 Concen: 0.564 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. -0.000 min
 Lab File: VU057462.D
 Acq: 11 Jan 2024 16:13

Tgt Ion: 94 Resp: 6697
 Ion Ratio Lower Upper
 94 100
 96 99.3 68.0 126.2





#8

Chloroethane

Concen: 0.443 ug/L

RT: 1.936 min Scan# 200

Delta R.T. 0.003 min

Lab File: VU057462.D

Acq: 11 Jan 2024 16:13

Instrument :

MSVOA_U

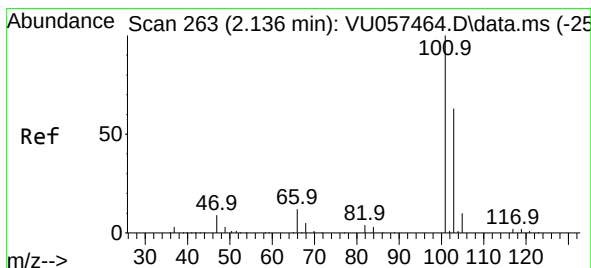
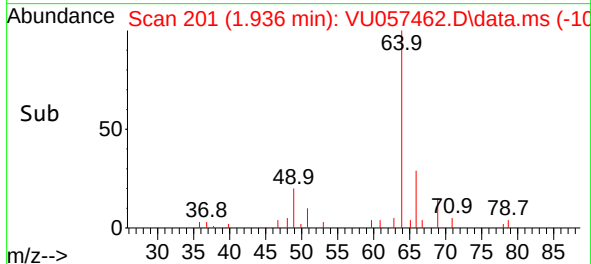
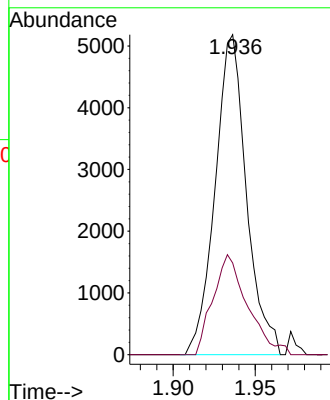
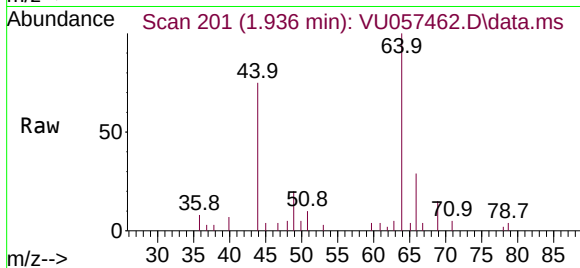
ClientSampleId :

Tgt Ion: 64 Resp: 6872

Ion Ratio Lower Upper

64 100

66 28.7 23.3 43.3



#9

Trichlorofluoromethane

Concen: 0.421 ug/L

RT: 2.136 min Scan# 263

Delta R.T. -0.000 min

Lab File: VU057462.D

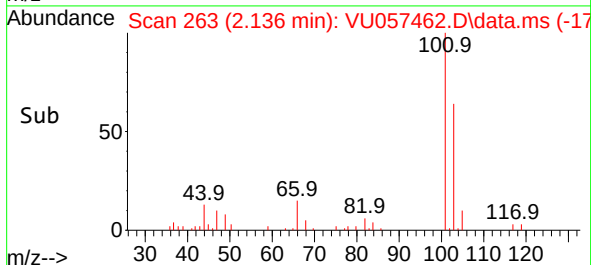
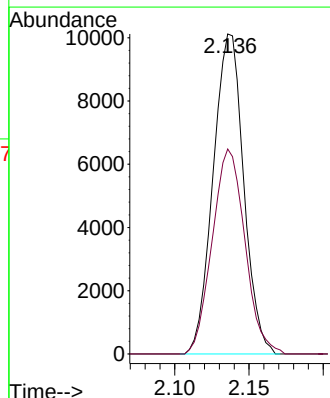
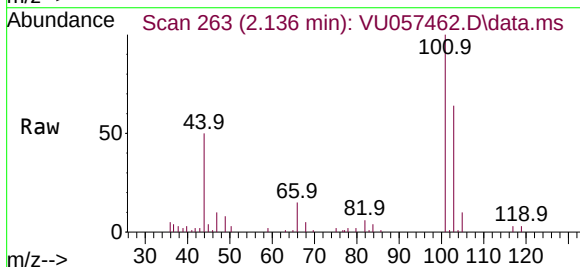
Acq: 11 Jan 2024 16:13

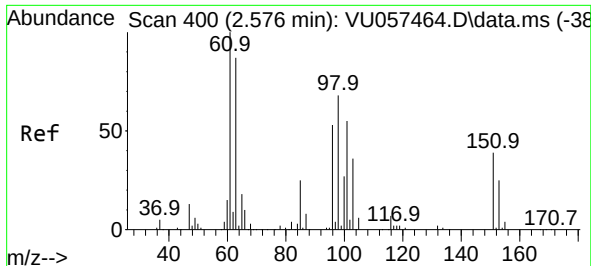
Tgt Ion:101 Resp: 14472

Ion Ratio Lower Upper

101 100

103 68.5 51.2 76.8

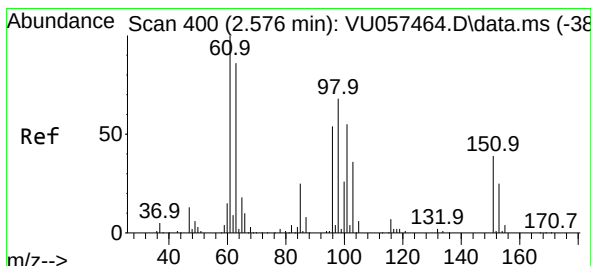
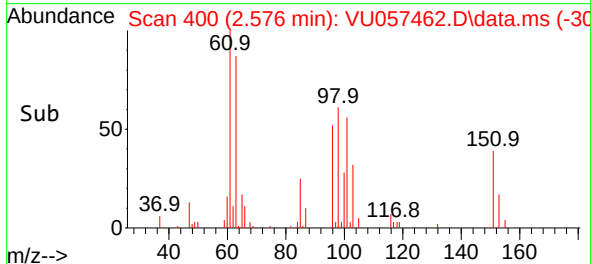
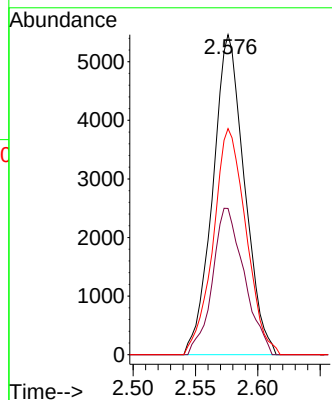
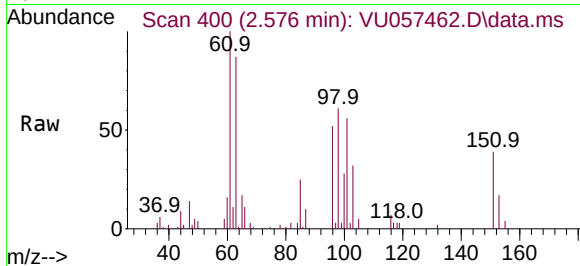




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.458 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU057462.D
Acq: 11 Jan 2024 16:13

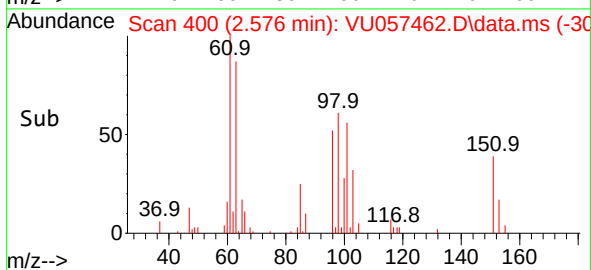
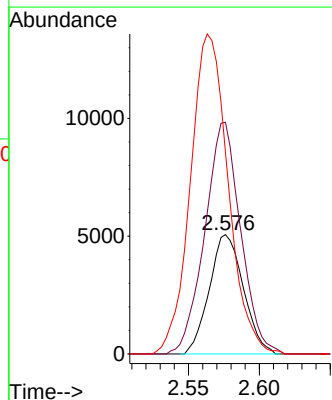
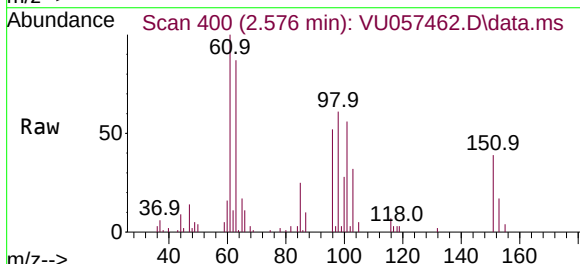
Instrument :
MSVOA_U
ClientSampleId :

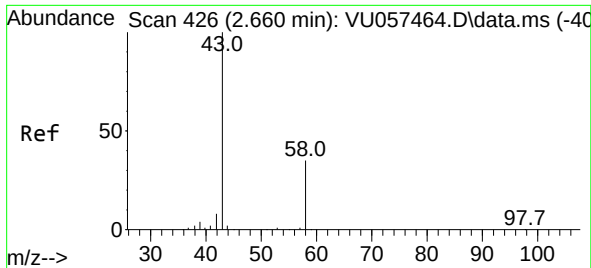
Tgt Ion:101 Resp: 9632
Ion Ratio Lower Upper
101 100
85 45.9 35.1 52.7
151 73.2 55.4 83.0



#12
1,1-Dichloroethene
Concen: 0.451 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU057462.D
Acq: 11 Jan 2024 16:13

Tgt Ion: 96 Resp: 8469
Ion Ratio Lower Upper
96 100
61 194.2 130.9 243.1
63 168.7 114.8 213.2





#13

Acetone

Concen: 4.021 ug/L

RT: 2.663 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU057462.D

Acq: 11 Jan 2024 16:13

Instrument :

MSVOA_U

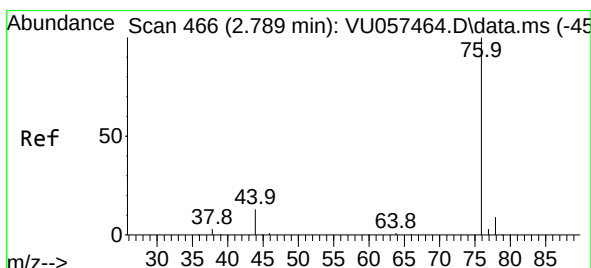
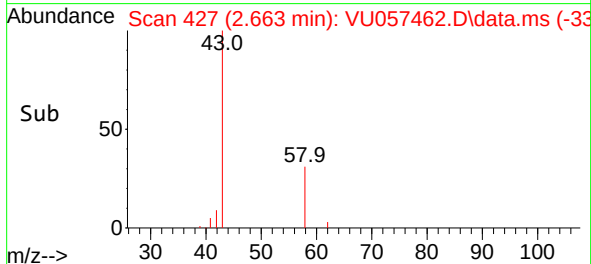
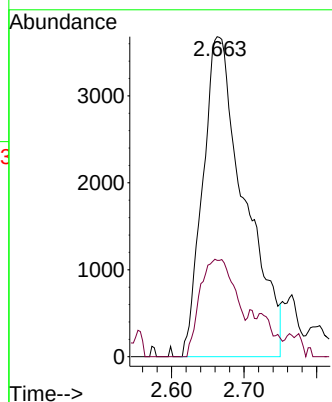
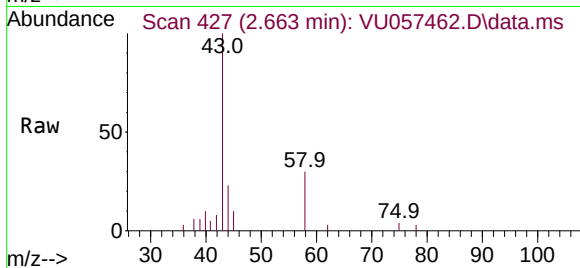
ClientSampleId :

Tgt Ion: 43 Resp: 14684

Ion Ratio Lower Upper

43 100

58 26.0 0.0 67.8



#14

Carbon disulfide

Concen: 0.476 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU057462.D

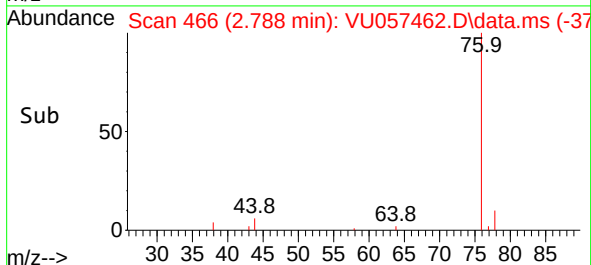
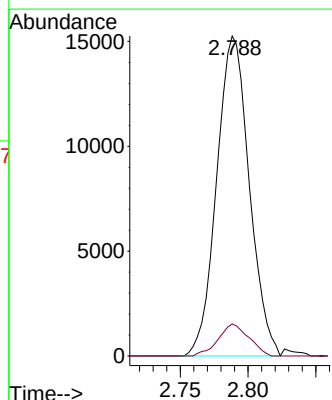
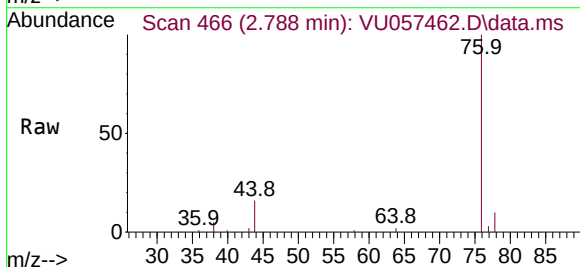
Acq: 11 Jan 2024 16:13

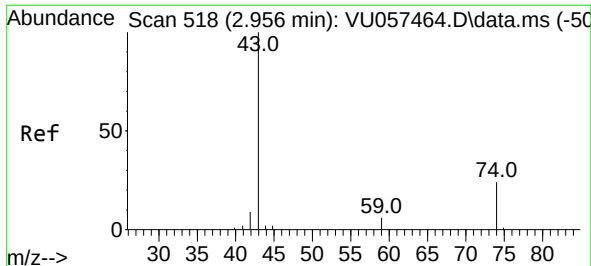
Tgt Ion: 76 Resp: 25497

Ion Ratio Lower Upper

76 100

78 10.0 7.3 10.9

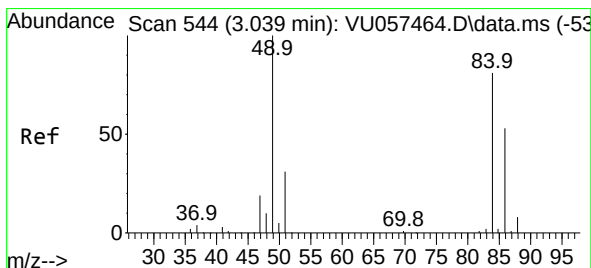
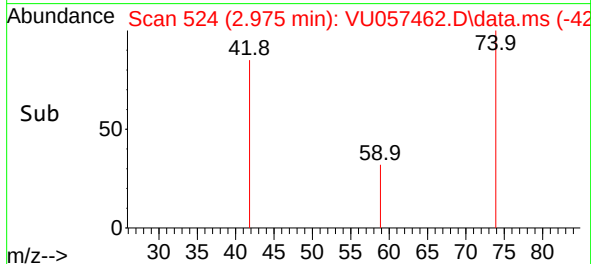
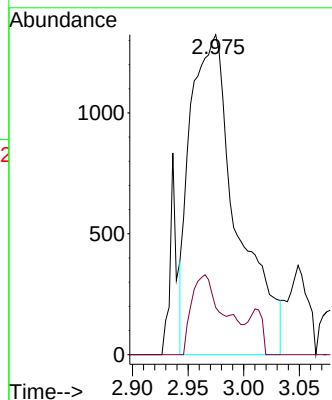
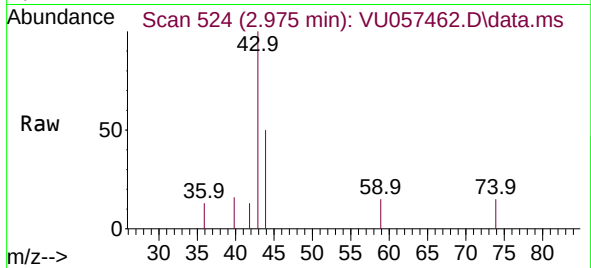




#15
Methyl Acetate
Concen: 0.457 ug/L
RT: 2.975 min Scan# 518
Delta R.T. 0.019 min
Lab File: VU057462.D
Acq: 11 Jan 2024 16:13

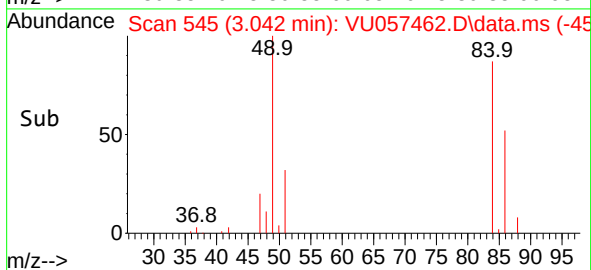
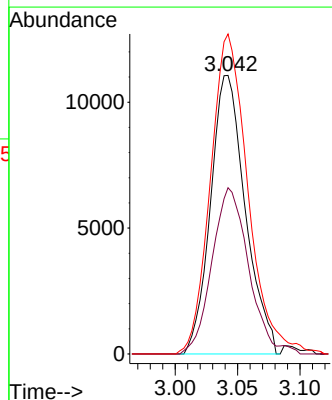
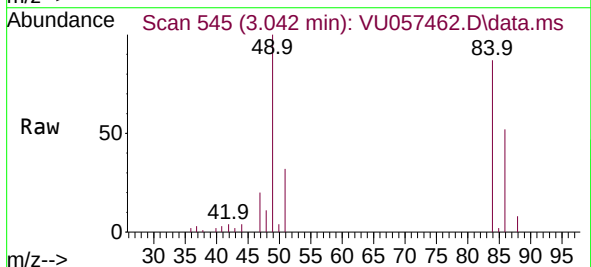
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MSVOA_U
ClientSampleId :

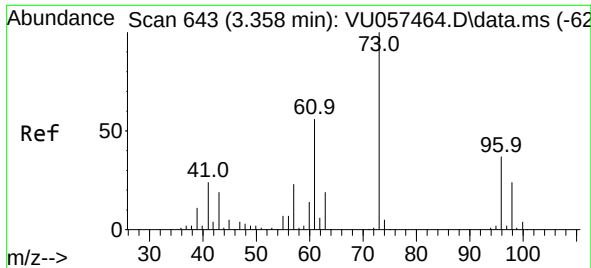
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Ion Ratio Lower Upper
43 100
74 17.6 18.6 27.8#



#16
Methylene chloride
Concen: 0.875 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.003 min
Lab File: VU057462.D
Acq: 11 Jan 2024 16:13

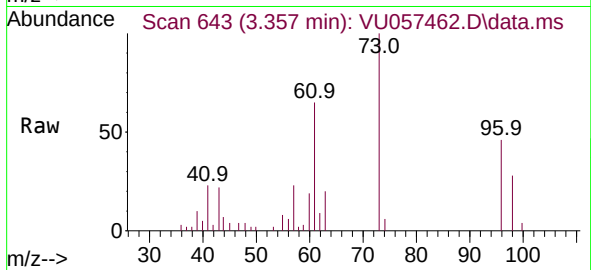
Tgt Ion: 84 Resp: 21491
Ion Ratio Lower Upper
84 100
86 59.7 45.8 85.2
49 114.9 86.7 161.1



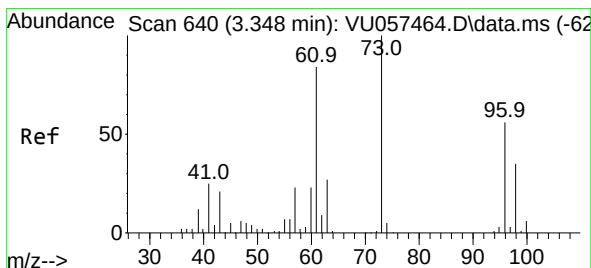
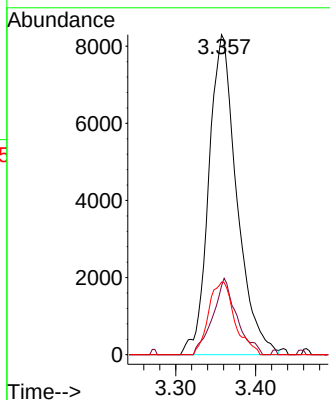
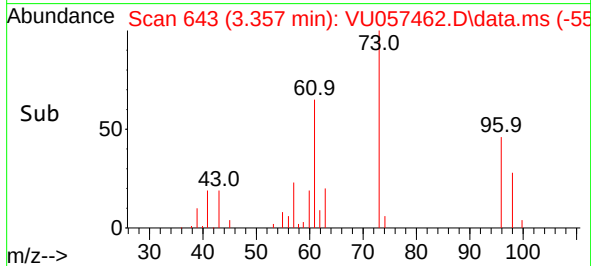


#17
Methyl tert-butyl Ether
Concen: 0.425 ug/L
RT: 3.357 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU057462.D
Acq: 11 Jan 2024 16:13

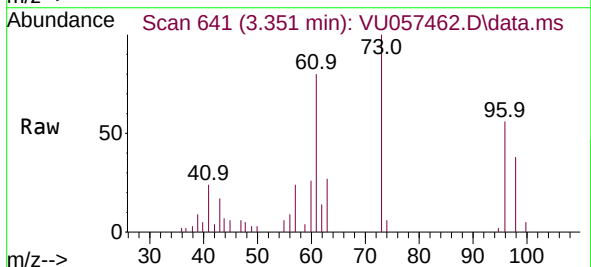
Instrument :
MSVOA_U
ClientSampleId :



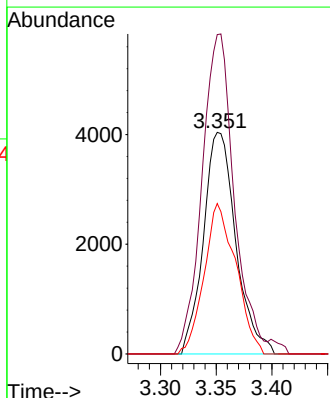
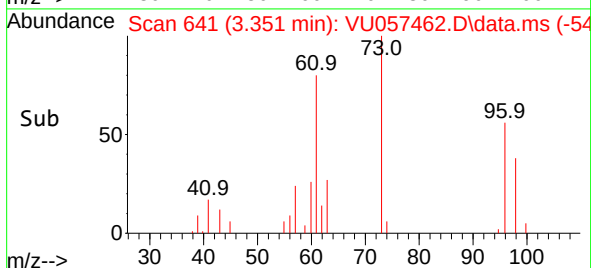
Tgt Ion: 73	Resp: 20211
Ion Ratio	Lower Upper
73 100	
43 20.4	16.1 24.1
57 21.2	18.2 27.4

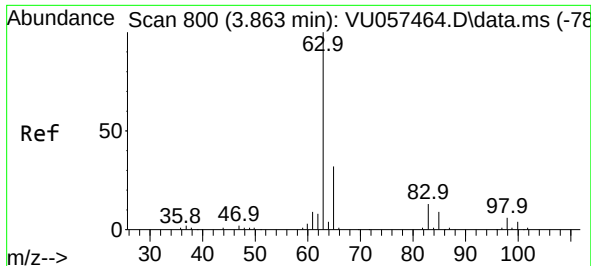


#18
trans-1,2-Dichloroethene
Concen: 0.436 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU057462.D
Acq: 11 Jan 2024 16:13



Tgt Ion: 96	Resp: 8191
Ion Ratio	Lower Upper
96 100	
61 144.2	105.1 195.3
98 67.9	43.7 81.1





#19

1,1-Dichloroethane

Concen: 0.463 ug/L

RT: 3.869 min Scan# 800

Delta R.T. 0.006 min

Lab File: VU057462.D

Acq: 11 Jan 2024 16:13

Instrument :

MSVOA_U

ClientSampleId :

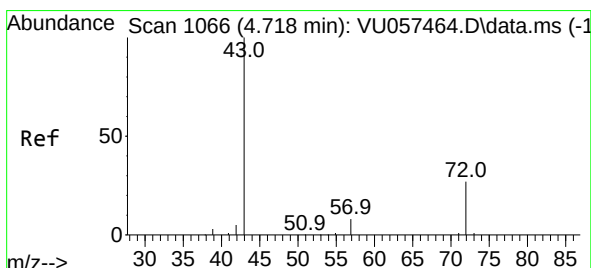
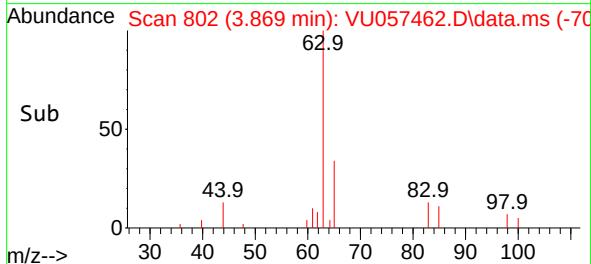
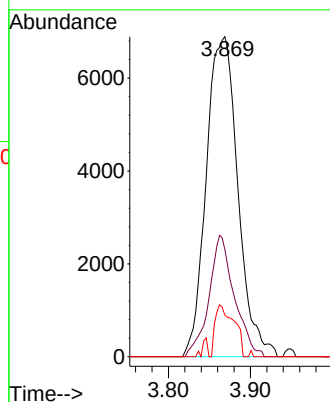
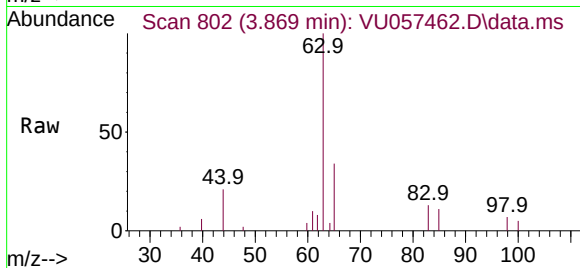
Tgt Ion: 63 Resp: 18488

Ion Ratio Lower Upper

63 100

65 33.5 22.3 41.3

83 13.0 9.1 16.9



#21

2-Butanone

Concen: 3.022 ug/L

RT: 4.746 min Scan# 1075

Delta R.T. 0.029 min

Lab File: VU057462.D

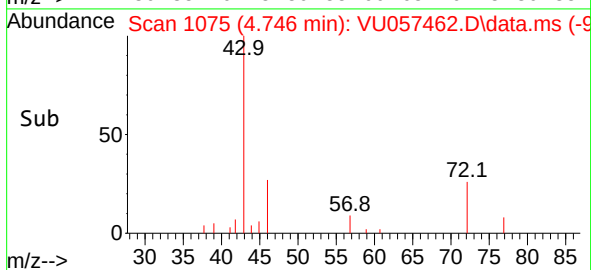
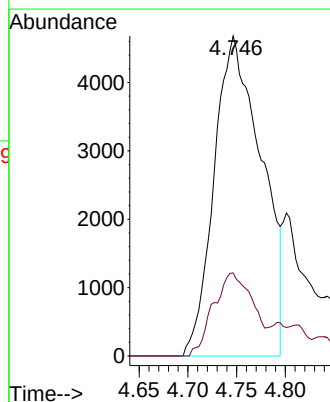
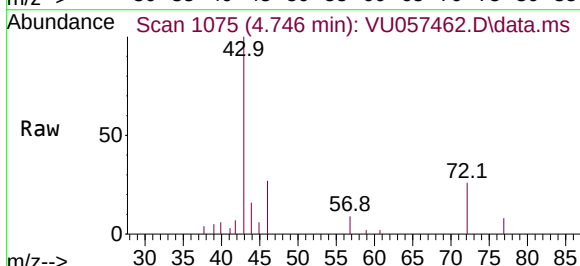
Acq: 11 Jan 2024 16:13

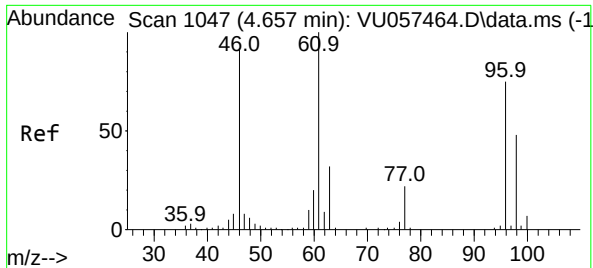
Tgt Ion: 43 Resp: 15835

Ion Ratio Lower Upper

43 100

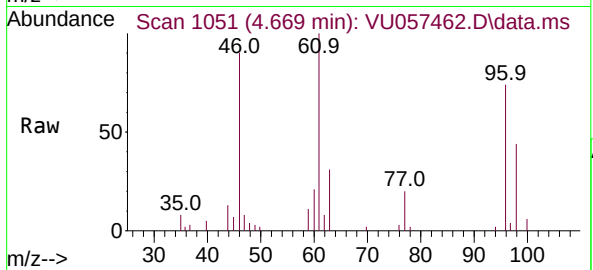
72 22.0 12.7 38.0



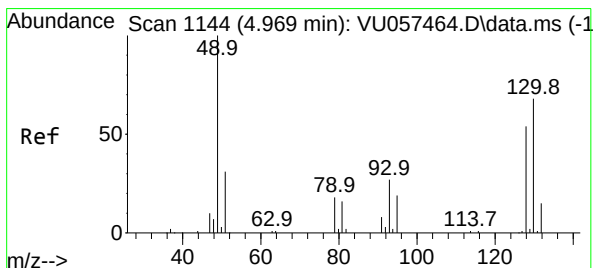
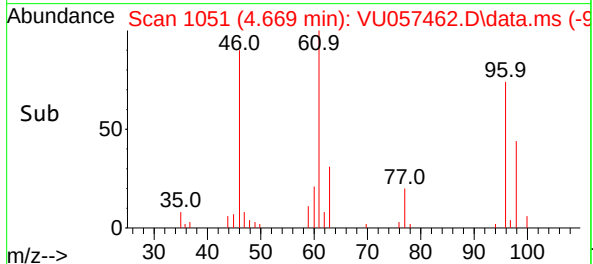
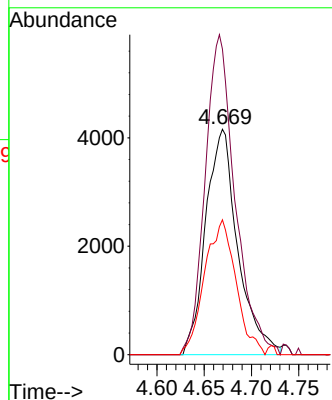


#22
 cis-1,2-Dichloroethene
 Concen: 0.451 ug/L
 RT: 4.669 min Scan# 1051
 Delta R.T. 0.012 min
 Lab File: VU057462.D
 Acq: 11 Jan 2024 16:13

Instrument :
 MSVOA_U
 ClientSampleId :

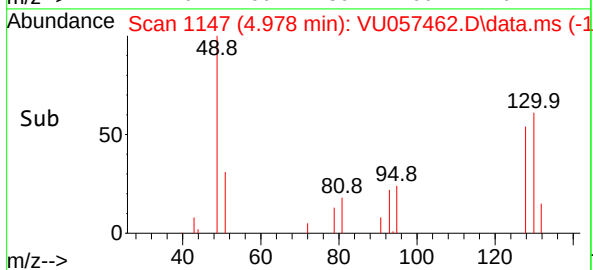
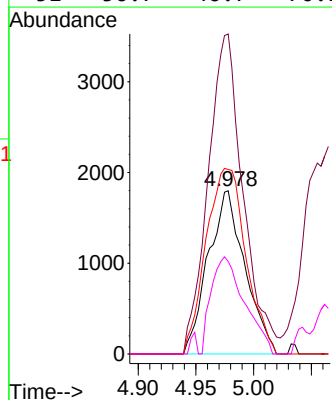
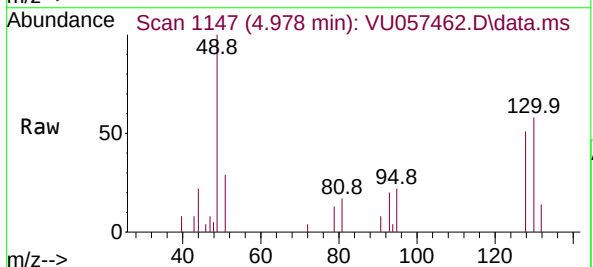


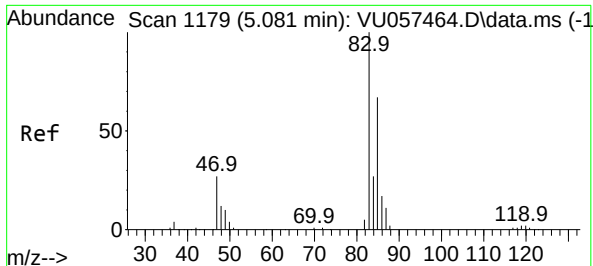
Tgt Ion: 96 Resp: 9813
 Ion Ratio Lower Upper
 96 100
 61 135.5 93.4 173.4
 98 59.8 44.9 83.3



#23
 Bromochloromethane
 Concen: 0.412 ug/L
 RT: 4.978 min Scan# 1147
 Delta R.T. 0.009 min
 Lab File: VU057462.D
 Acq: 11 Jan 2024 16:13

Tgt Ion: 128 Resp: 3974
 Ion Ratio Lower Upper
 128 100
 49 196.2 130.3 241.9
 130 113.1 88.8 165.0
 51 56.7 46.7 70.1





#25

Chloroform

Concen: 0.479 ug/L

RT: 5.087 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VU057462.D

Acq: 11 Jan 2024 16:13

Instrument :

MSVOA_U

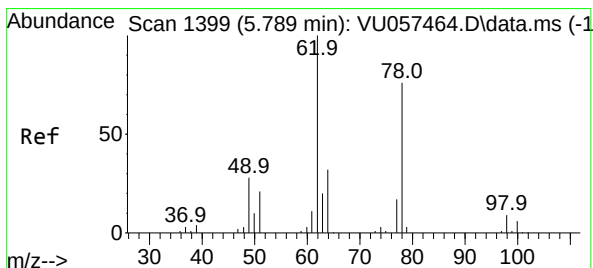
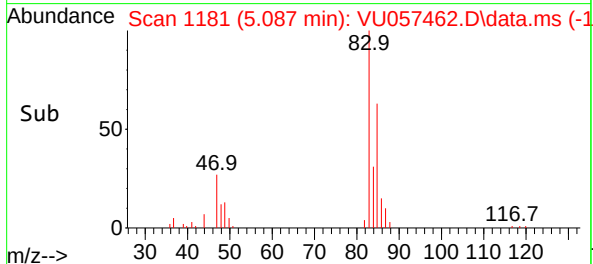
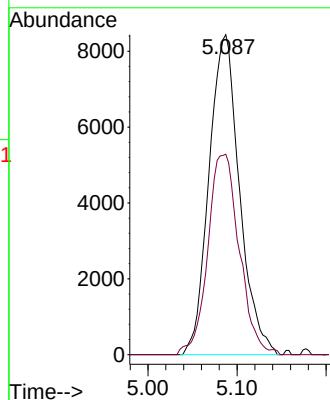
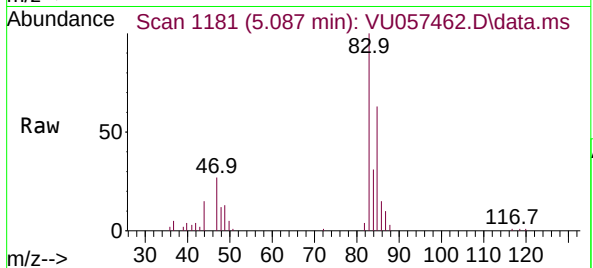
ClientSampleId :

Tgt Ion: 83 Resp: 20067

Ion Ratio Lower Upper

83 100

85 62.7 46.7 86.7



#27

1,2-Dichloroethane

Concen: 0.465 ug/L

RT: 5.791 min Scan# 1400

Delta R.T. 0.003 min

Lab File: VU057462.D

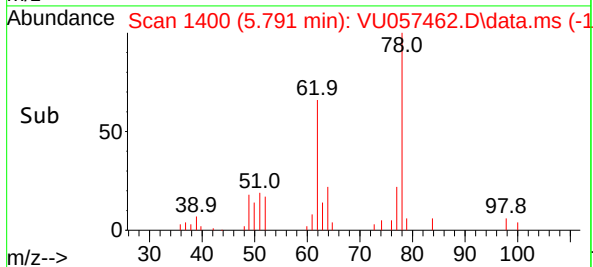
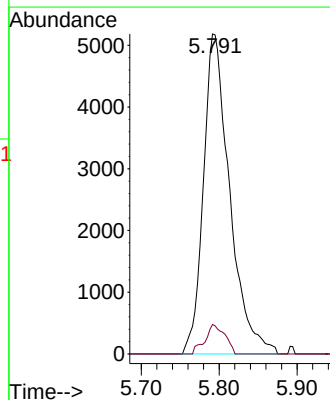
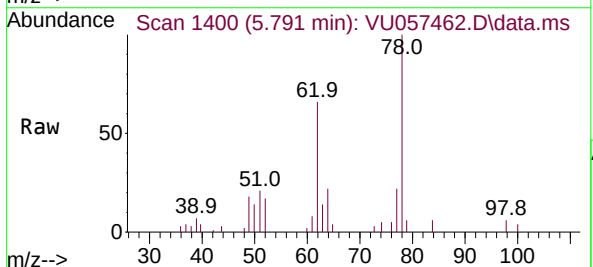
Acq: 11 Jan 2024 16:13

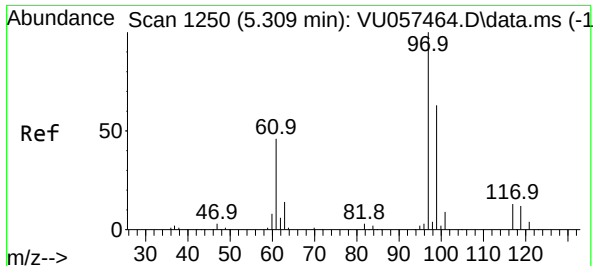
Tgt Ion: 62 Resp: 12147

Ion Ratio Lower Upper

62 100

98 9.2 7.4 11.0

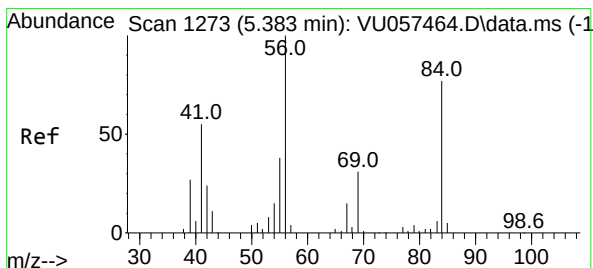
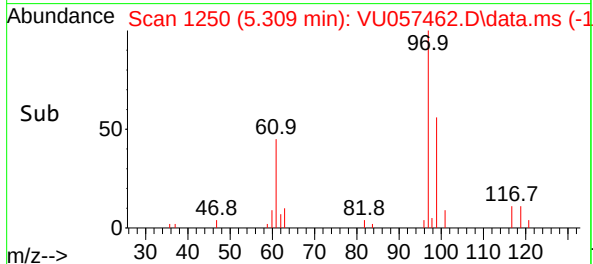
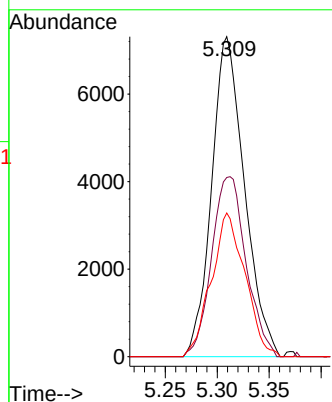
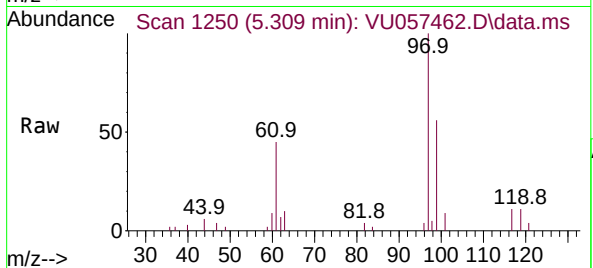




#29
1,1,1-Trichloroethane
Concen: 0.437 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.000 min
Lab File: VU057462.D
Acq: 11 Jan 2024 16:13

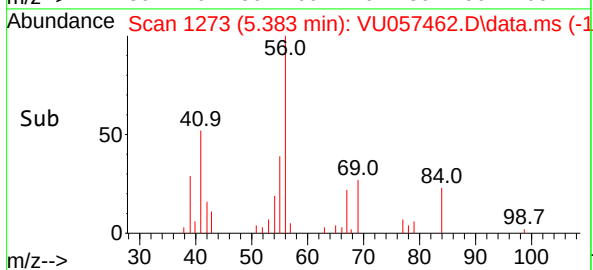
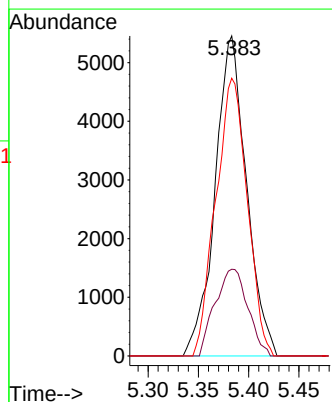
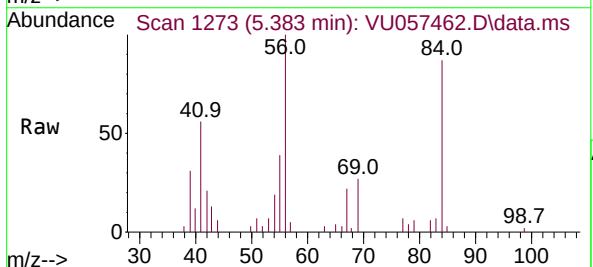
Instrument :
MSVOA_U
ClientSampleId :

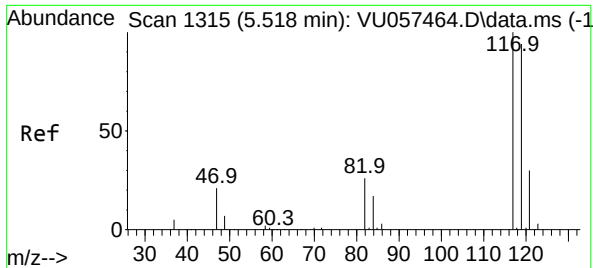
Tgt Ion: 97	Resp: 16076
Ion Ratio	Lower Upper
97 100	
99 59.1	51.4 77.0
61 46.3	36.9 55.3



#30
Cyclohexane
Concen: 0.423 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VU057462.D
Acq: 11 Jan 2024 16:13

Tgt Ion: 56	Resp: 11842
Ion Ratio	Lower Upper
56 100	
69 28.2	24.1 36.1
84 86.9	64.8 97.2

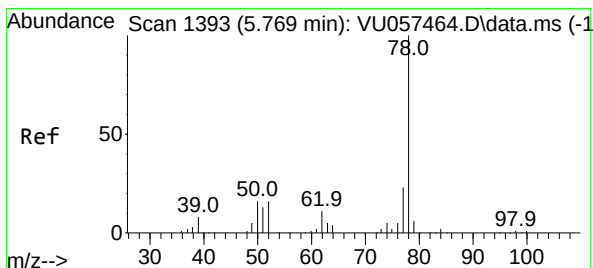
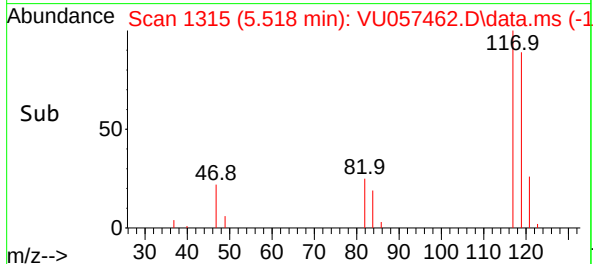
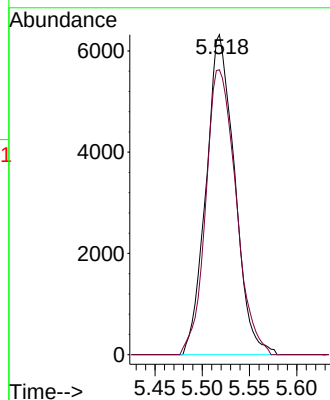
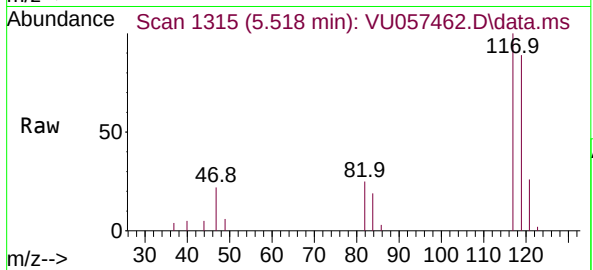




#31
Carbon tetrachloride
Concen: 0.432 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU057462.D
Acq: 11 Jan 2024 16:13

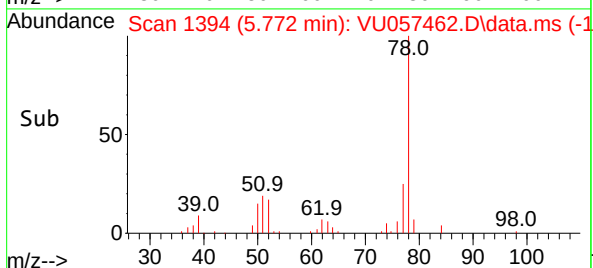
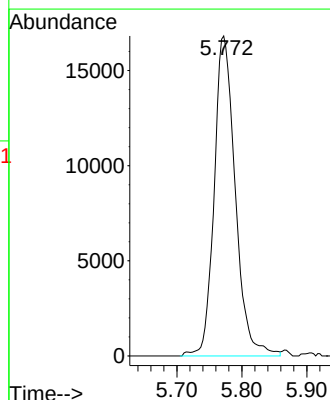
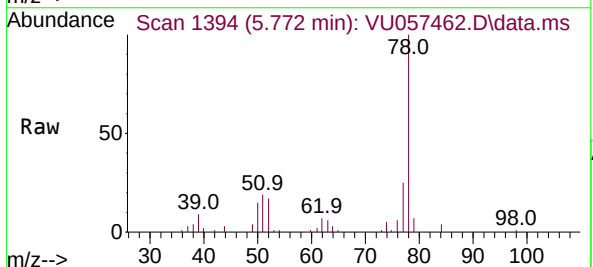
Instrument :
MSVOA_U
ClientSampleId :

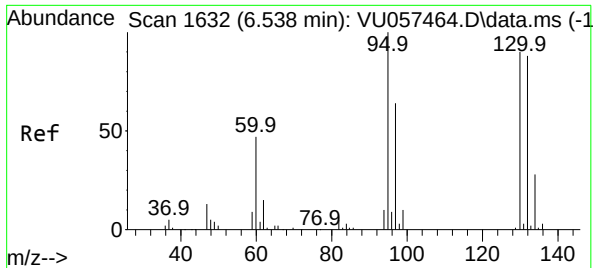
Tgt Ion:117 Resp: 13289
Ion Ratio Lower Upper
117 100
119 94.2 78.0 117.0



#33
Benzene
Concen: 0.449 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.003 min
Lab File: VU057462.D
Acq: 11 Jan 2024 16:13

Tgt Ion: 78 Resp: 37930





#34

Trichloroethene

Concen: 0.462 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU057462.D

Acq: 11 Jan 2024 16:13

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 10354

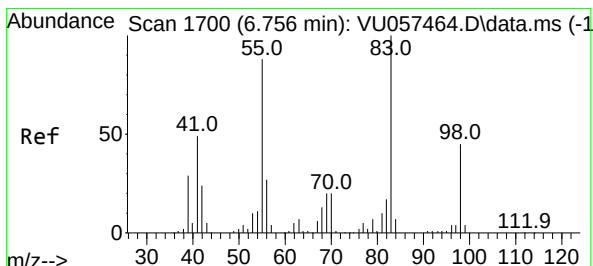
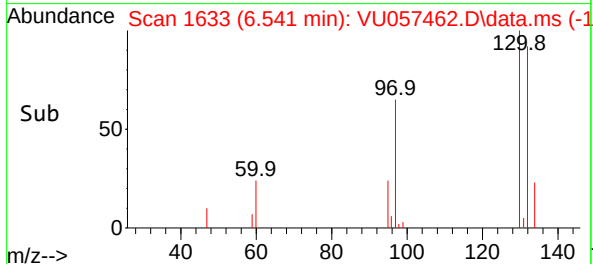
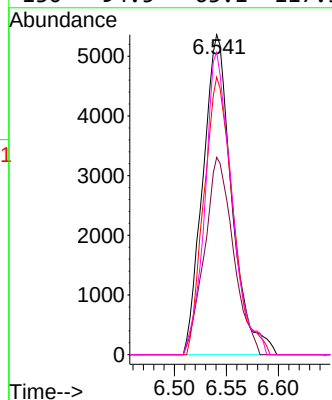
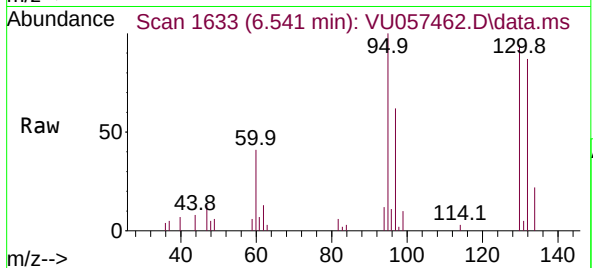
Ion Ratio Lower Upper

95 100

97 61.6 45.0 83.6

132 86.8 61.7 114.5

130 94.5 63.1 117.3



#35

Methylcyclohexane

Concen: 0.411 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VU057462.D

Acq: 11 Jan 2024 16:13

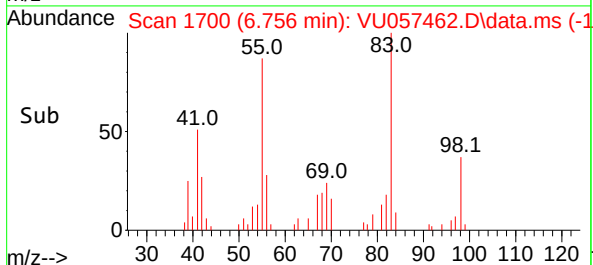
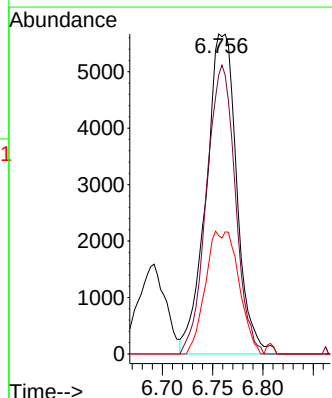
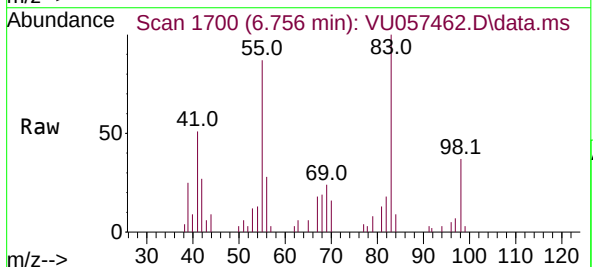
Tgt Ion: 83 Resp: 12006

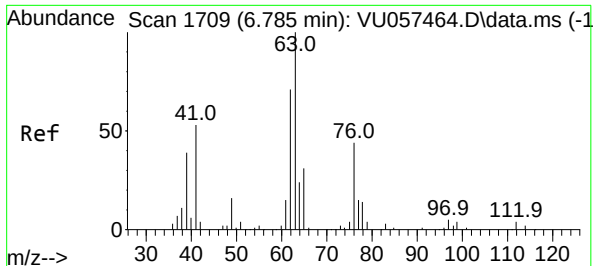
Ion Ratio Lower Upper

83 100

55 84.7 68.7 103.1

98 21.8 36.3 54.5#





#37

1,2-Dichloropropane

Concen: 0.456 ug/L

RT: 6.785 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU057462.D

Acq: 11 Jan 2024 16:13

Instrument :

MSVOA_U

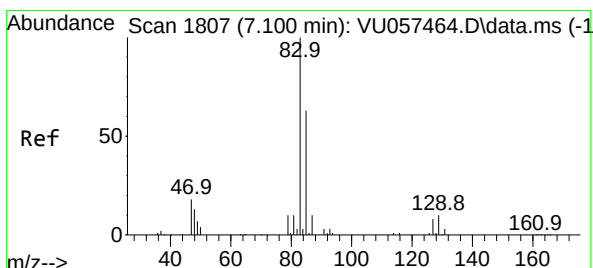
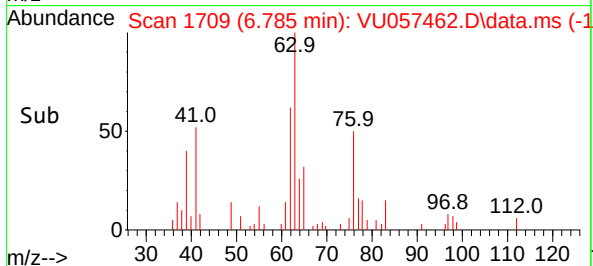
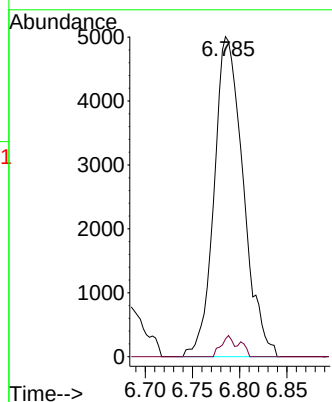
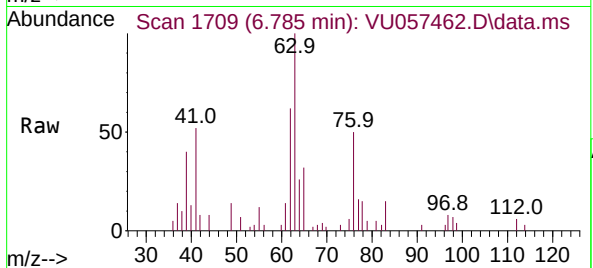
ClientSampleId :

Tgt Ion: 63 Resp: 10698

Ion Ratio Lower Upper

63 100

112 3.0 2.7 4.1



#38

Bromodichloromethane

Concen: 0.421 ug/L

RT: 7.103 min Scan# 1808

Delta R.T. 0.003 min

Lab File: VU057462.D

Acq: 11 Jan 2024 16:13

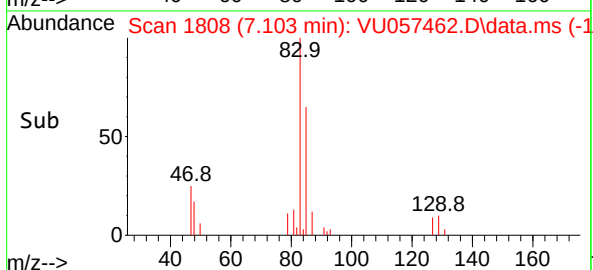
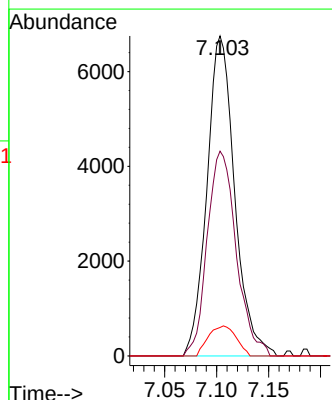
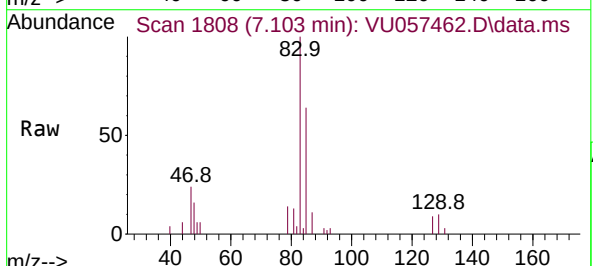
Tgt Ion: 83 Resp: 12557

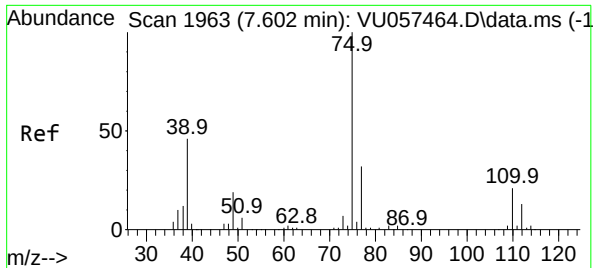
Ion Ratio Lower Upper

83 100

85 64.0 44.3 82.3

127 8.9 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 0.412 ug/L

RT: 7.608 min Scan# 1963

Delta R.T. 0.006 min

Lab File: VU057462.D

Acq: 11 Jan 2024 16:13

Instrument :

MSVOA_U

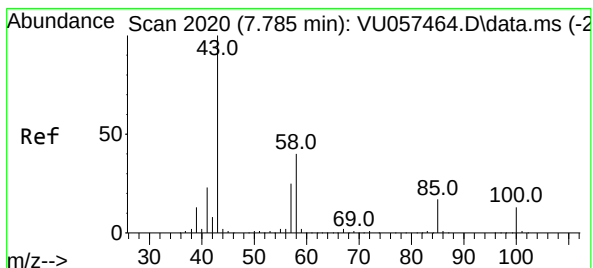
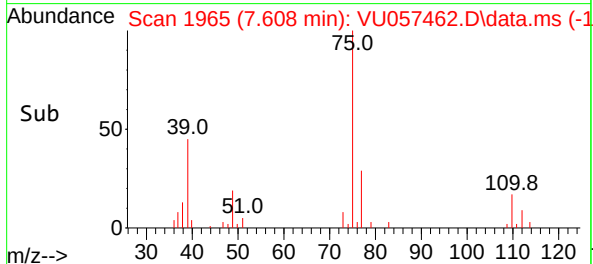
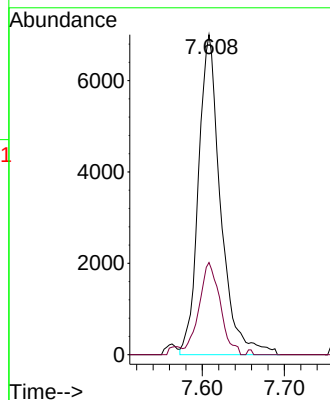
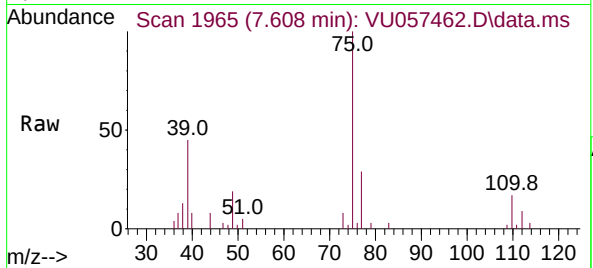
ClientSampleId :

Tgt Ion: 75 Resp: 13109

Ion Ratio Lower Upper

75 100

77 28.8 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 3.959 ug/L

RT: 7.795 min Scan# 2023

Delta R.T. 0.009 min

Lab File: VU057462.D

Acq: 11 Jan 2024 16:13

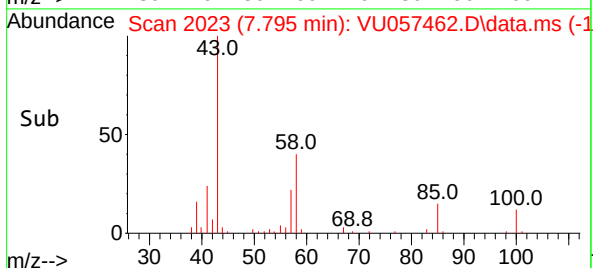
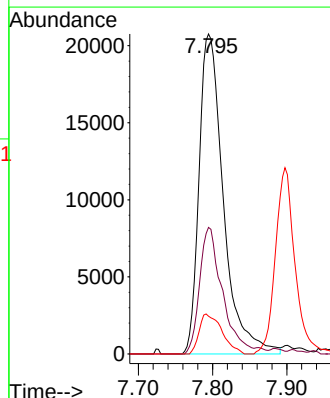
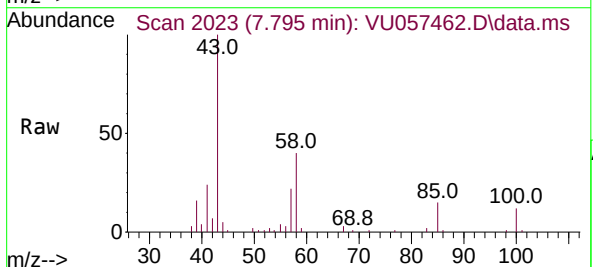
Tgt Ion: 43 Resp: 47345

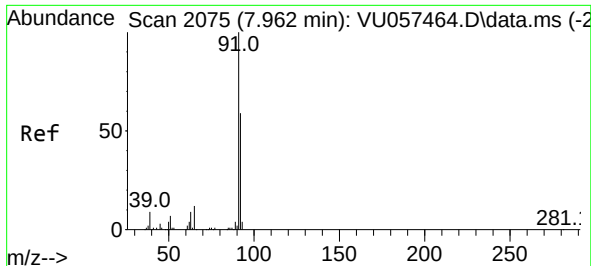
Ion Ratio Lower Upper

43 100

58 36.8 31.4 47.2

100 11.7 10.7 16.1





#42

Toluene

Concen: 0.372 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. 0.006 min

Lab File: VU057462.D

Acq: 11 Jan 2024 16:13

Instrument :

MSVOA_U

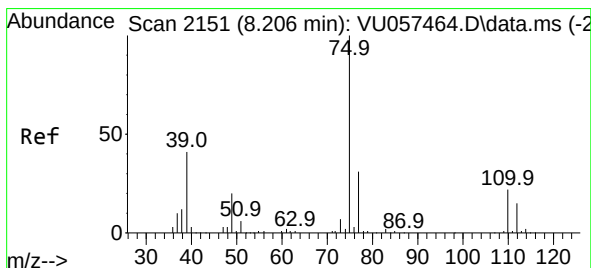
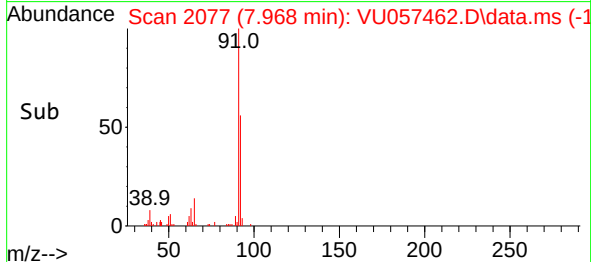
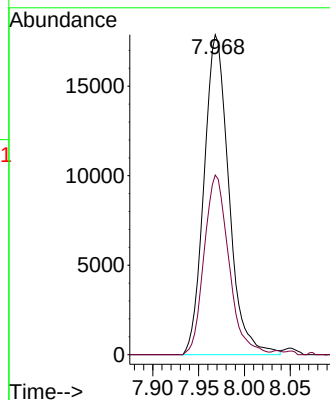
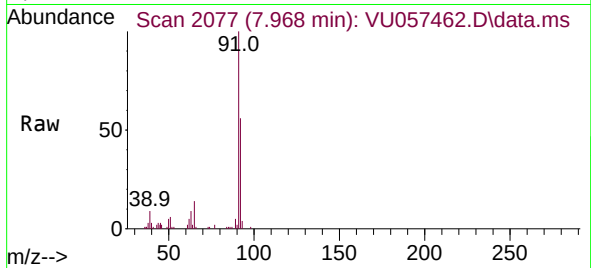
ClientSampleId :

Tgt Ion: 91 Resp: 33734

Ion Ratio Lower Upper

91 100

92 56.1 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 0.372 ug/L

RT: 8.216 min Scan# 2154

Delta R.T. 0.009 min

Lab File: VU057462.D

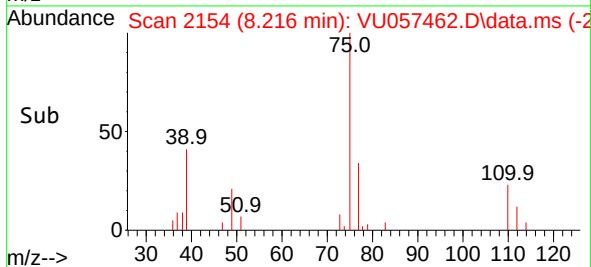
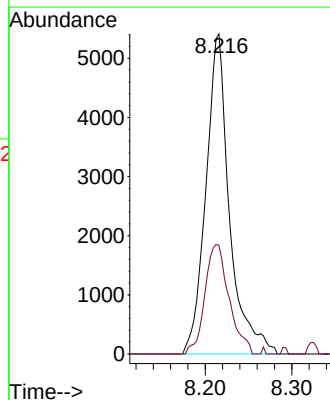
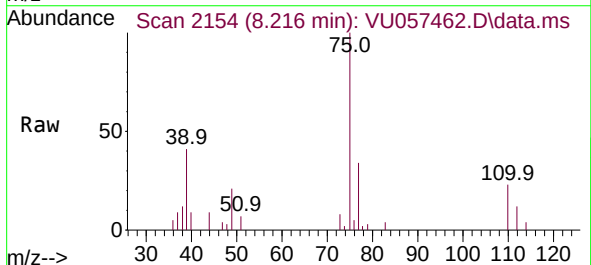
Acq: 11 Jan 2024 16:13

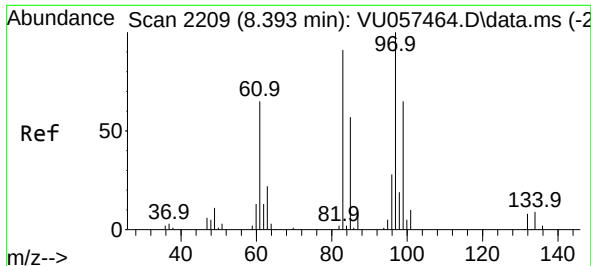
Tgt Ion: 75 Resp: 10241

Ion Ratio Lower Upper

75 100

77 33.9 22.1 41.1

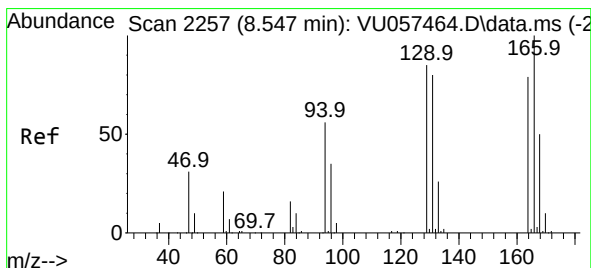
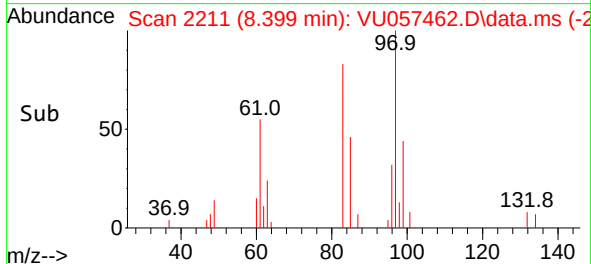
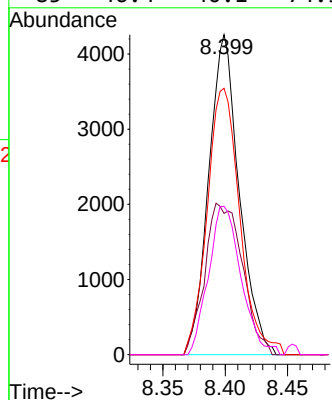
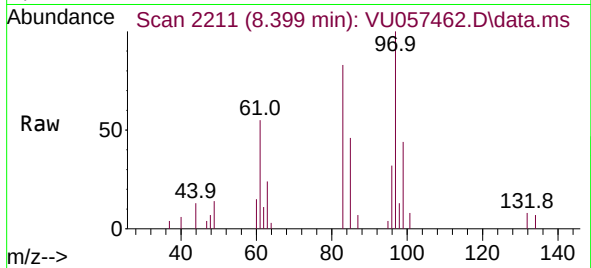




#45
1,1,2-Trichloroethane
Concen: 0.432 ug/L
RT: 8.399 min Scan# 2111
Delta R.T. 0.006 min
Lab File: VU057462.D
Acq: 11 Jan 2024 16:13

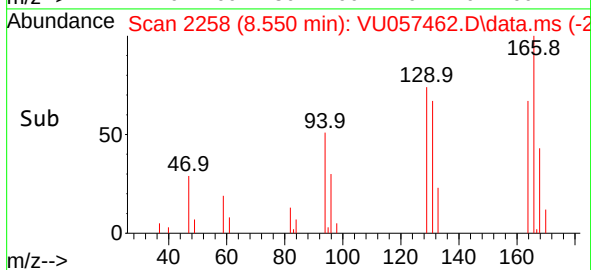
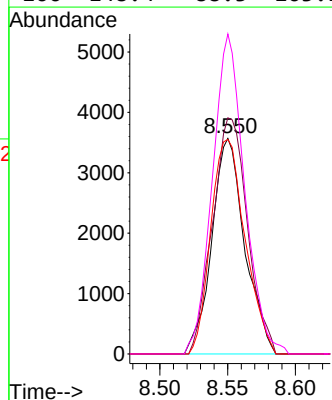
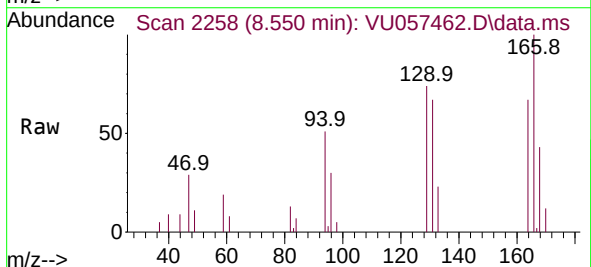
Instrument :
MSVOA_U
ClientSampleId :

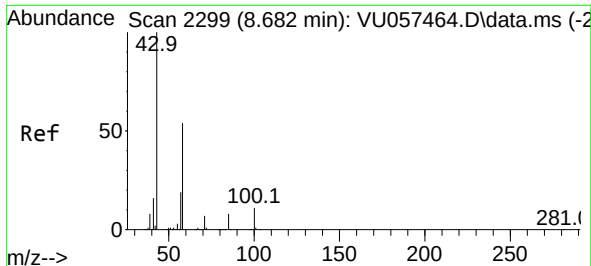
Tgt Ion:	97	Resp:	7246
Ion	Ratio	Lower	Upper
97	100		
99	44.2	45.5	84.5#
83	83.2	63.8	118.6
85	46.4	40.1	74.5



#47
Tetrachloroethene
Concen: 0.385 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU057462.D
Acq: 11 Jan 2024 16:13

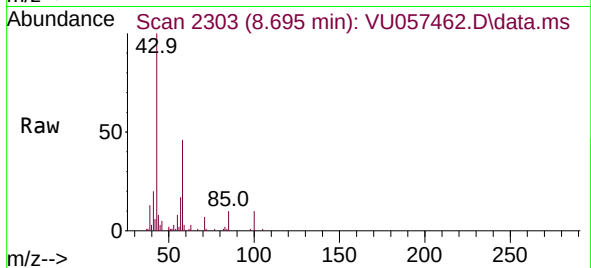
Tgt Ion:	164	Resp:	6025
Ion	Ratio	Lower	Upper
164	100		
129	109.6	74.8	138.8
131	99.6	70.3	130.7
166	148.4	88.3	163.9



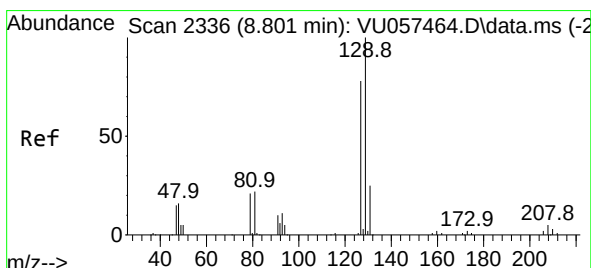
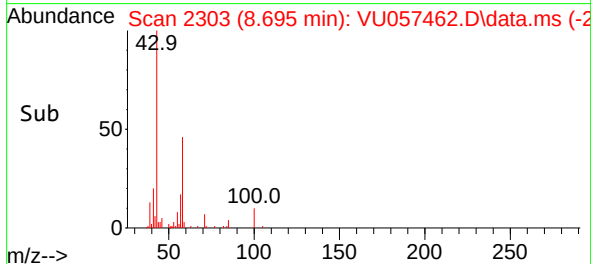
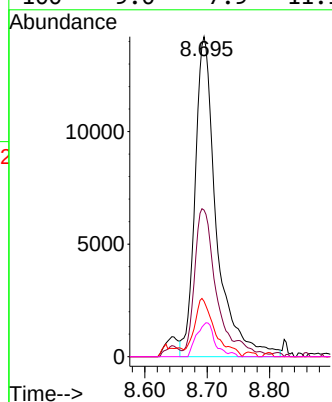


#48
2-Hexanone
Concen: 3.891 ug/L
RT: 8.695 min Scan# 21
Delta R.T. 0.012 min
Lab File: VU057462.D
Acq: 11 Jan 2024 16:13

Instrument :
MSVOA_U
ClientSampleId :

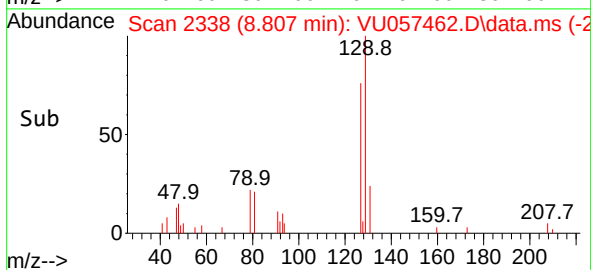
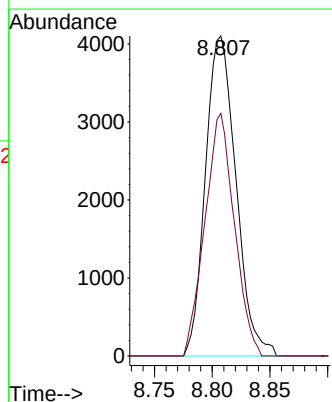
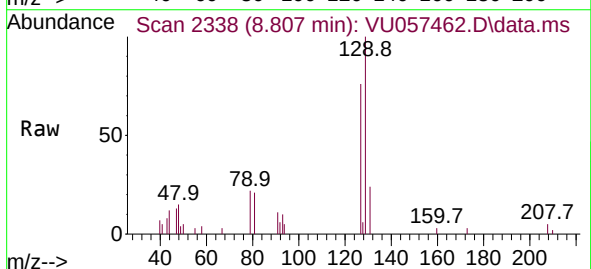


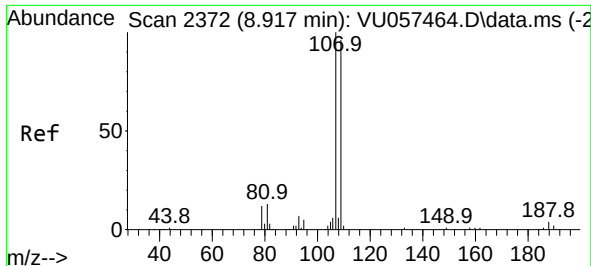
Tgt Ion: 43 Resp: 33879
Ion Ratio Lower Upper
43 100
58 40.8 43.1 64.7#
57 17.2 15.5 23.3
100 9.0 7.9 11.9



#49
Dibromochloromethane
Concen: 0.405 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. 0.006 min
Lab File: VU057462.D
Acq: 11 Jan 2024 16:13

Tgt Ion:129 Resp: 7548
Ion Ratio Lower Upper
129 100
127 75.8 54.7 101.7





#50

1,2-Dibromoethane

Concen: 0.387 ug/L

RT: 8.926 min Scan# 21

Delta R.T. 0.009 min

Lab File: VU057462.D

Acq: 11 Jan 2024 16:13

Instrument :

MSVOA_U

ClientSampleId :

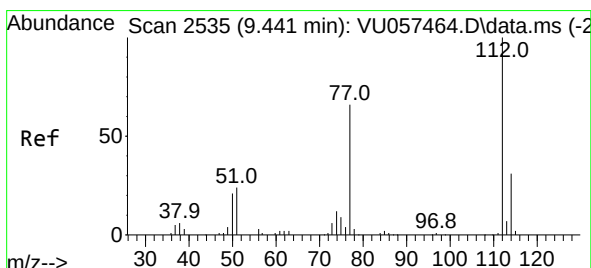
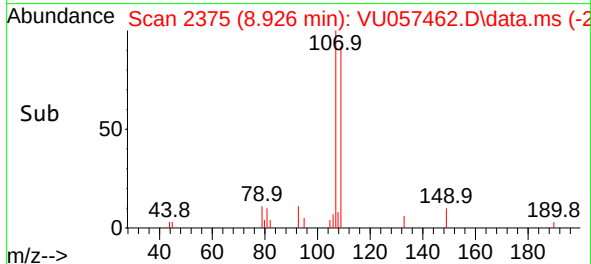
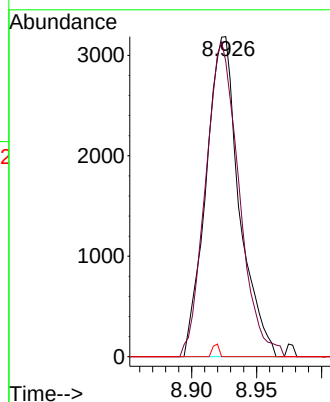
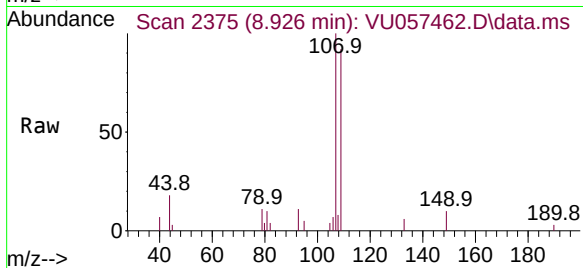
Tgt Ion:107 Resp: 5673

Ion Ratio Lower Upper

107 100

109 92.2 67.1 124.7

188 0.0 3.0 4.4#



#51

Chlorobenzene

Concen: 0.465 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. 0.003 min

Lab File: VU057462.D

Acq: 11 Jan 2024 16:13

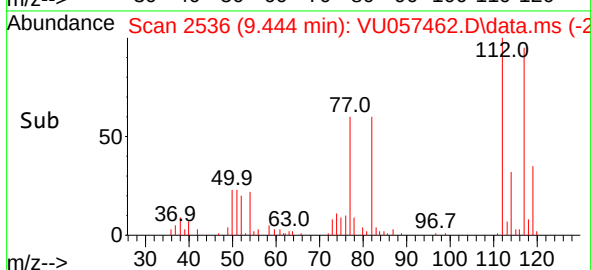
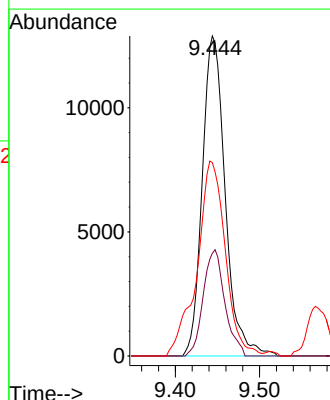
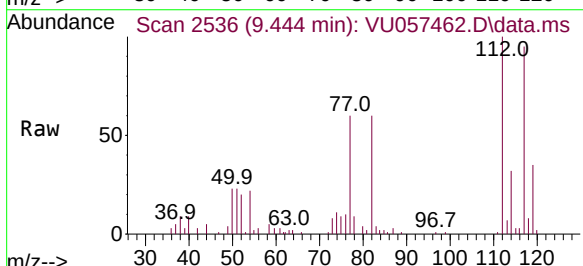
Tgt Ion:112 Resp: 24406

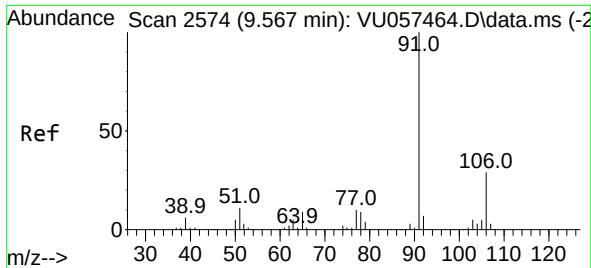
Ion Ratio Lower Upper

112 100

114 32.1 22.0 40.8

77 60.4 53.4 80.0

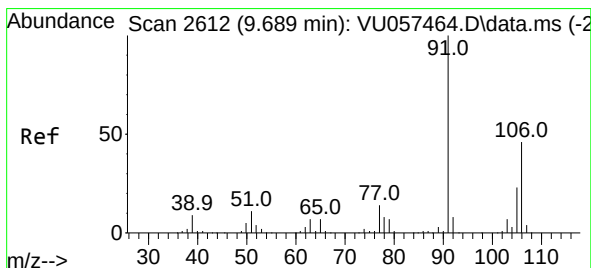
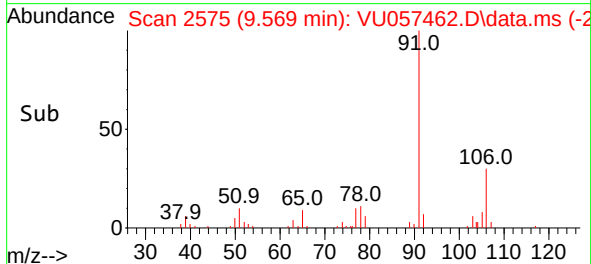
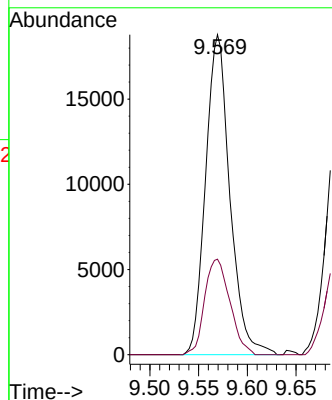
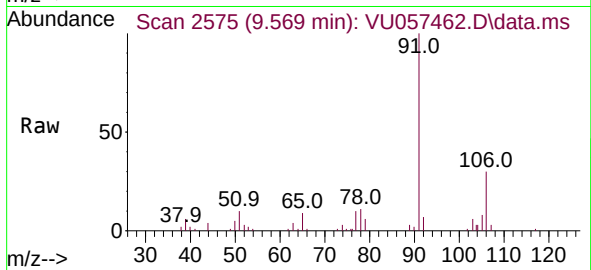




#52
Ethylbenzene
Concen: 0.376 ug/L
RT: 9.569 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU057462.D
Acq: 11 Jan 2024 16:13

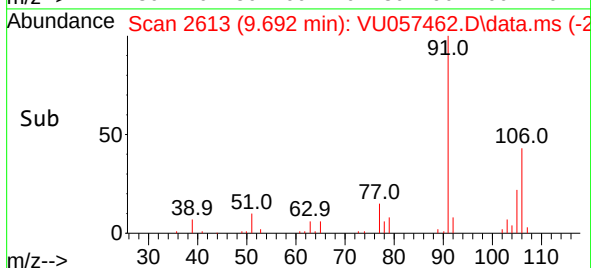
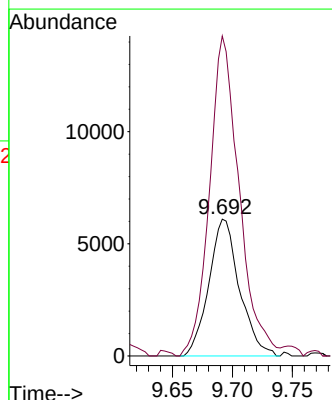
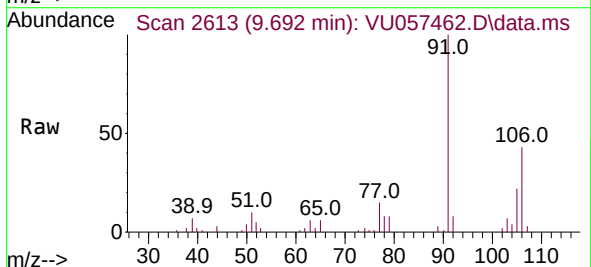
Instrument :
MSVOA_U
ClientSampleId :

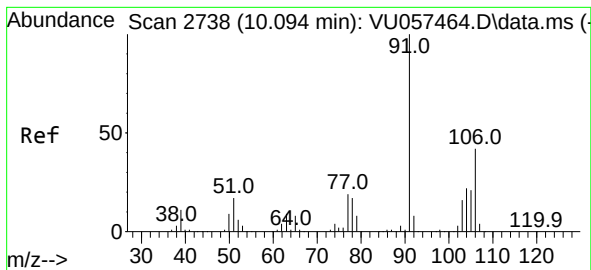
Tgt Ion: 91 Resp: 32539
Ion Ratio Lower Upper
91 100
106 29.8 20.5 38.1



#53
m,p-Xylene
Concen: 0.331 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU057462.D
Acq: 11 Jan 2024 16:13

Tgt Ion:106 Resp: 10826
Ion Ratio Lower Upper
106 100
91 234.0 153.4 285.0





#54

o-Xylene

Concen: 0.340 ug/L

RT: 10.100 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU057462.D

Acq: 11 Jan 2024 16:13

Instrument :

MSVOA_U

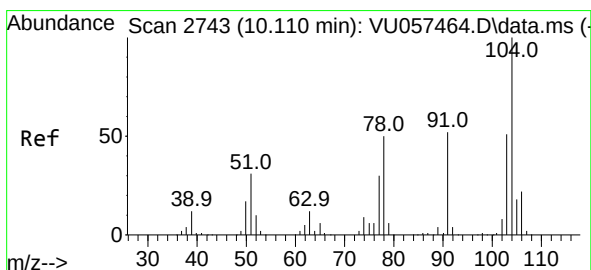
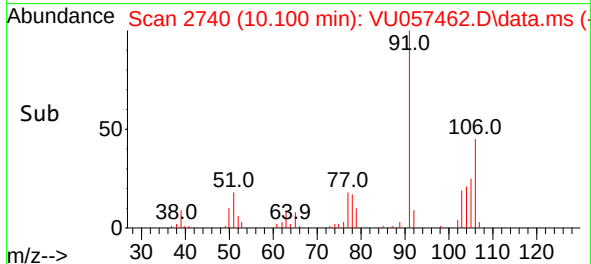
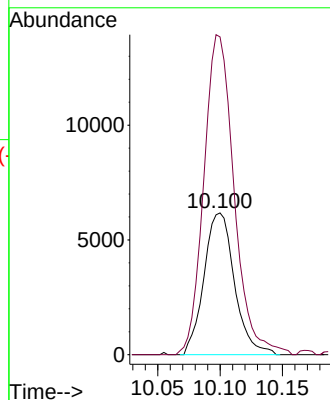
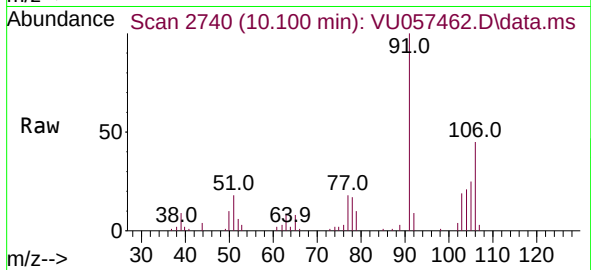
ClientSampleId :

Tgt Ion:106 Resp: 10519

Ion Ratio Lower Upper

106 100

91 224.1 165.1 306.5



#55

Styrene

Concen: 0.317 ug/L

RT: 10.116 min Scan# 2745

Delta R.T. 0.006 min

Lab File: VU057462.D

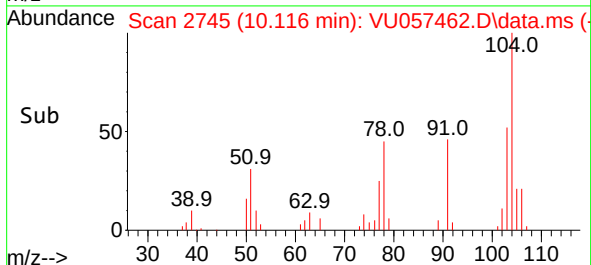
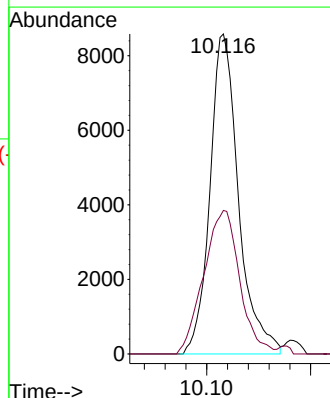
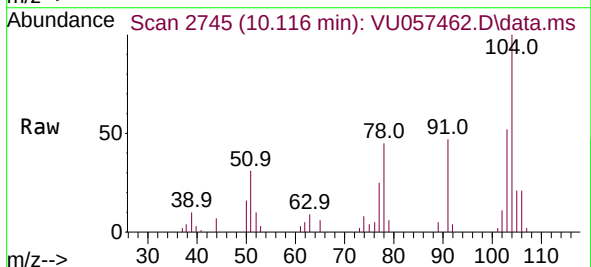
Acq: 11 Jan 2024 16:13

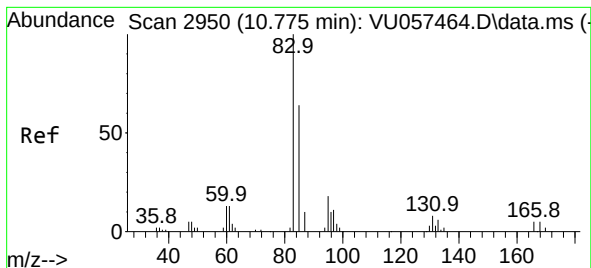
Tgt Ion:104 Resp: 16386

Ion Ratio Lower Upper

104 100

78 44.8 35.1 65.3





#57

1,1,2,2-Tetrachloroethane

Concen: 0.416 ug/L

RT: 10.782 min Scan# 2950

Delta R.T. 0.006 min

Lab File: VU057462.D

Acq: 11 Jan 2024 16:13

Instrument :

MSVOA_U

ClientSampleId :

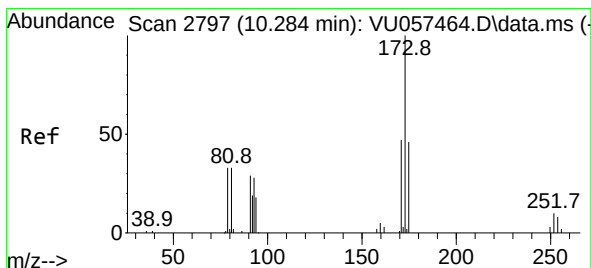
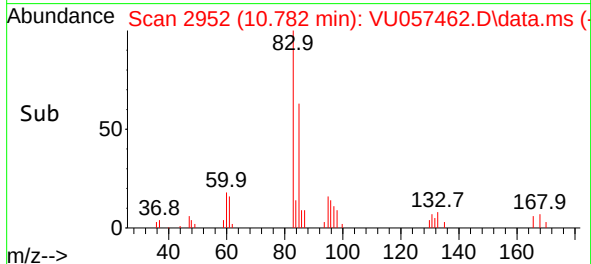
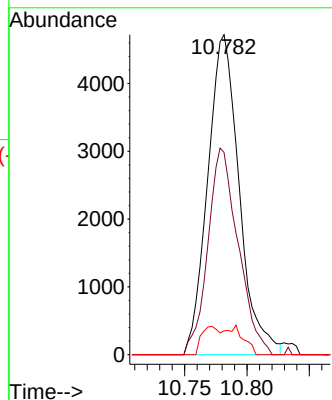
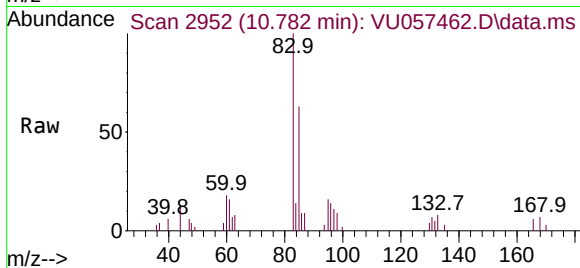
Tgt Ion: 83 Resp: 8305

Ion Ratio Lower Upper

83 100

85 63.2 45.1 83.9

131 7.4 6.7 10.1



#59

Bromoform

Concen: 0.446 ug/L

RT: 10.293 min Scan# 2800

Delta R.T. 0.009 min

Lab File: VU057462.D

Acq: 11 Jan 2024 16:13

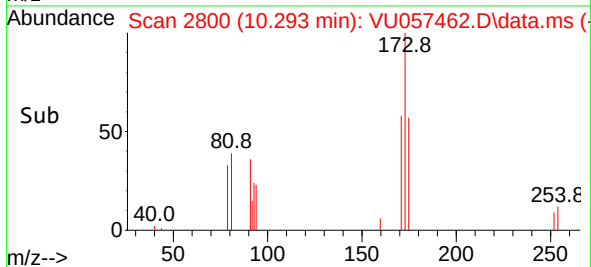
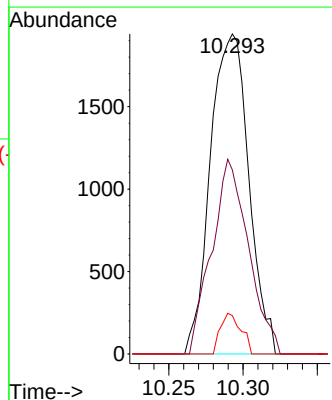
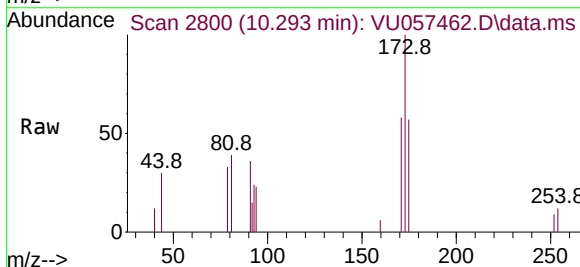
Tgt Ion:173 Resp: 3488

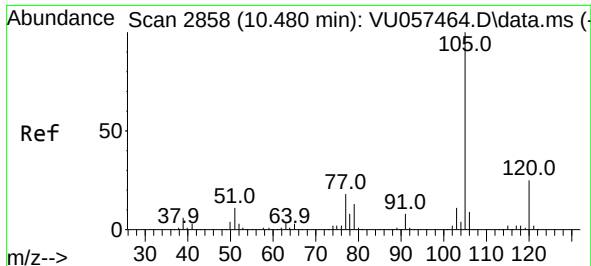
Ion Ratio Lower Upper

173 100

175 58.4 38.3 57.5#

254 6.8 6.6 9.8

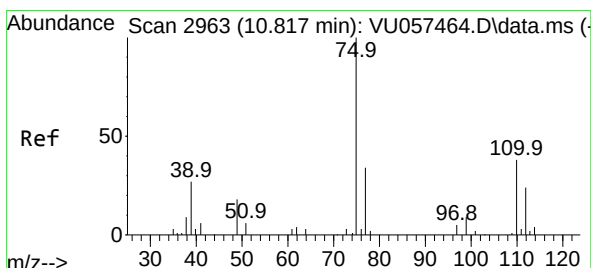
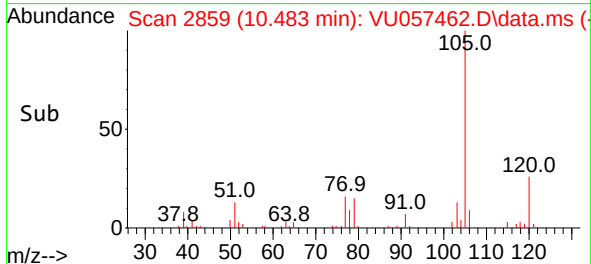
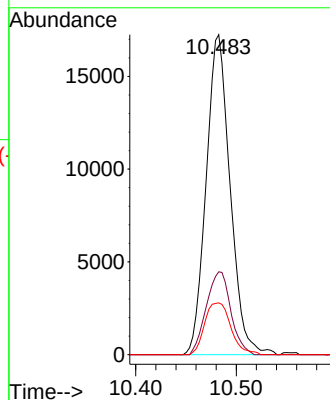
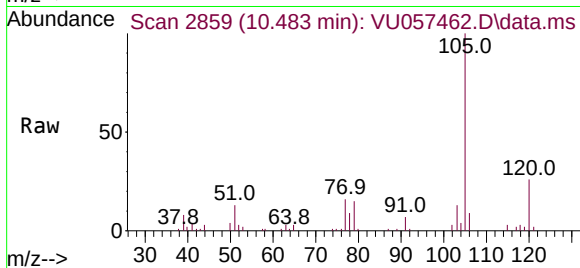




#60
Isopropylbenzene
Concen: 0.458 ug/L
RT: 10.483 min Scan# 2856
Delta R.T. 0.003 min
Lab File: VU057462.D
Acq: 11 Jan 2024 16:13

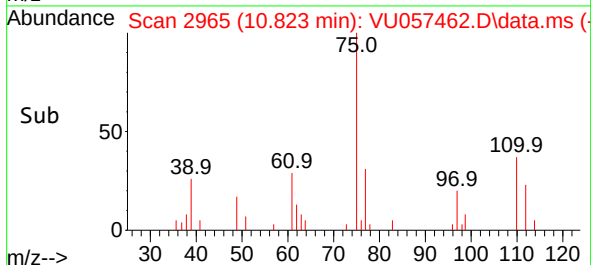
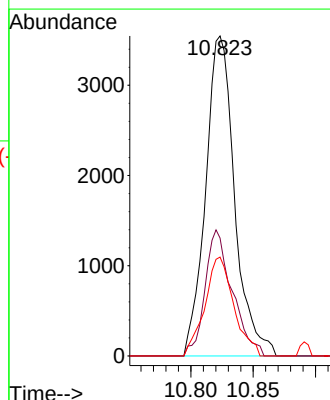
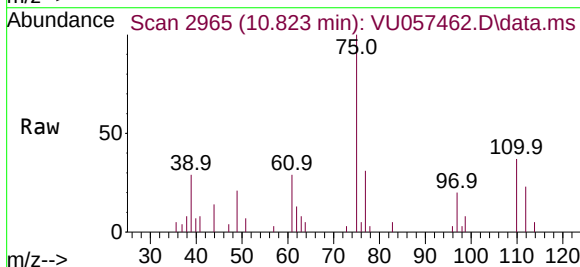
Instrument :
MSVOA_U
ClientSampleId :

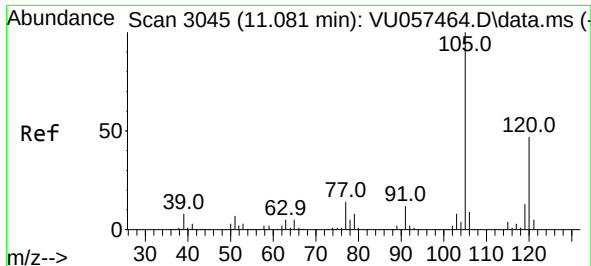
Tgt Ion:105 Resp: 28568
Ion Ratio Lower Upper
105 100
120 26.5 19.4 29.2
77 17.7 14.4 21.6



#61
1,2,3-Trichloropropane
Concen: 0.545 ug/L
RT: 10.823 min Scan# 2965
Delta R.T. 0.006 min
Lab File: VU057462.D
Acq: 11 Jan 2024 16:13

Tgt Ion: 75 Resp: 5754
Ion Ratio Lower Upper
75 100
110 36.8 29.4 44.0
77 30.8 26.2 39.4

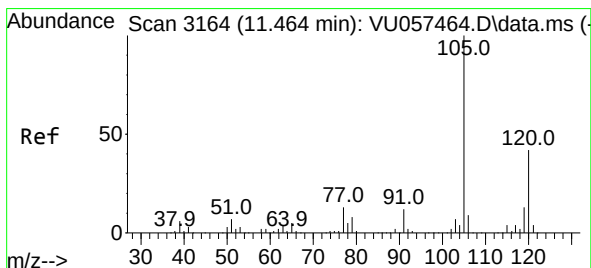
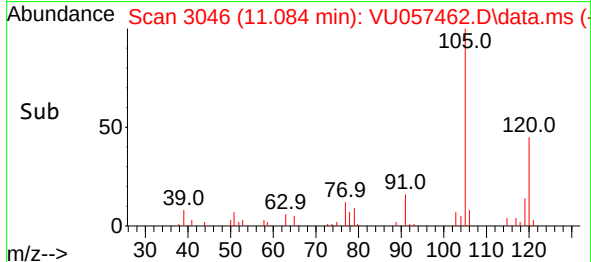
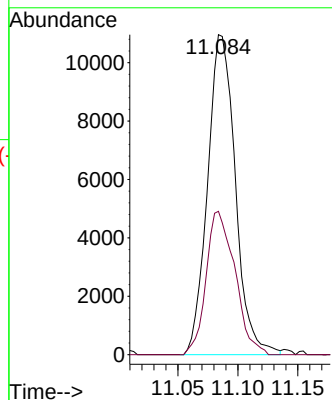
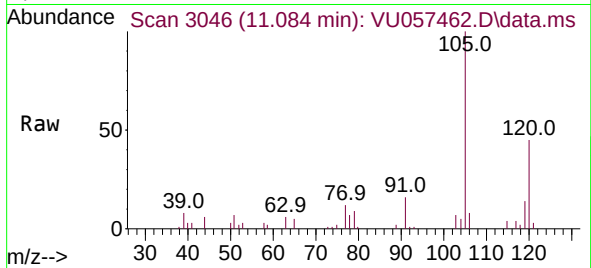




#62
1,3,5-Trimethylbenzene
Concen: 0.350 ug/L
RT: 11.084 min Scan# 3045
Delta R.T. 0.003 min
Lab File: VU057462.D
Acq: 11 Jan 2024 16:13

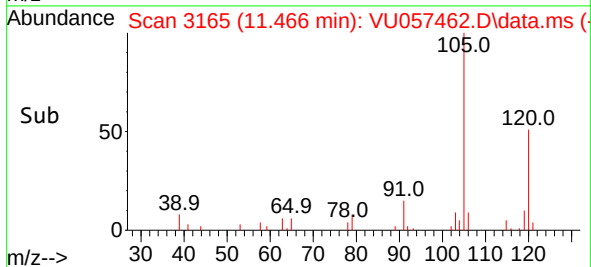
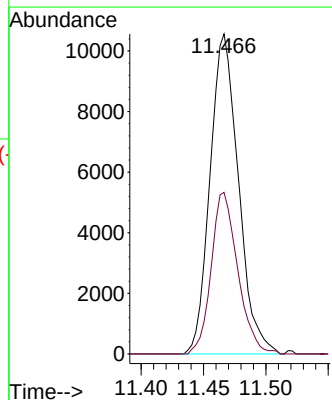
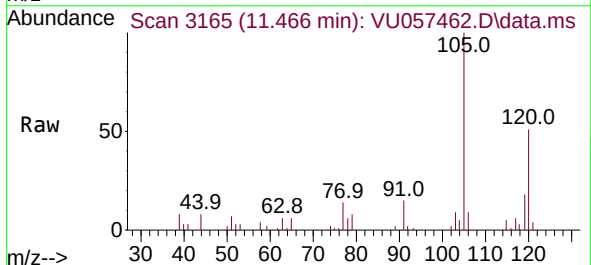
Instrument :
MSVOA_U
ClientSampleId :

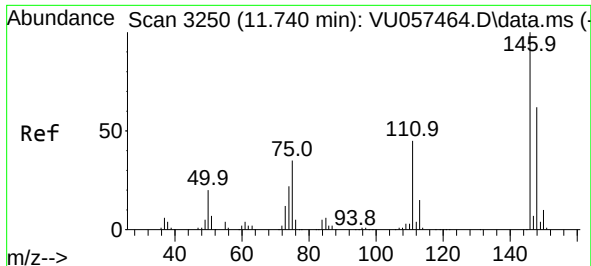
Tgt Ion:105 Resp: 17677
Ion Ratio Lower Upper
105 100
120 46.4 37.0 55.6



#63
1,2,4-Trimethylbenzene
Concen: 0.332 ug/L
RT: 11.466 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VU057462.D
Acq: 11 Jan 2024 16:13

Tgt Ion:105 Resp: 16749
Ion Ratio Lower Upper
105 100
120 47.2 33.8 50.8

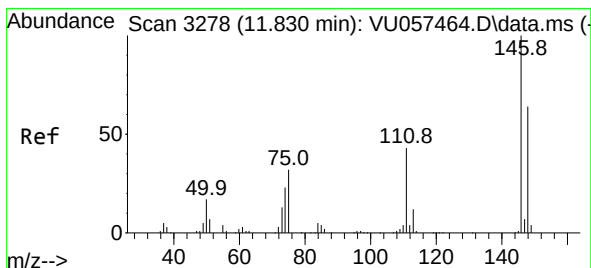
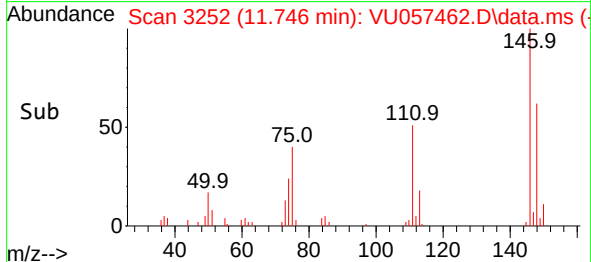
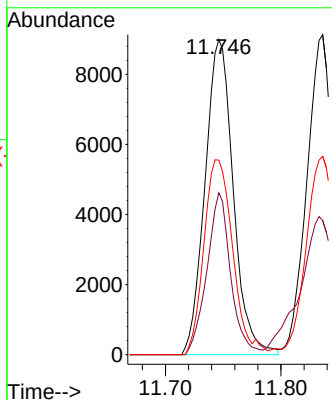
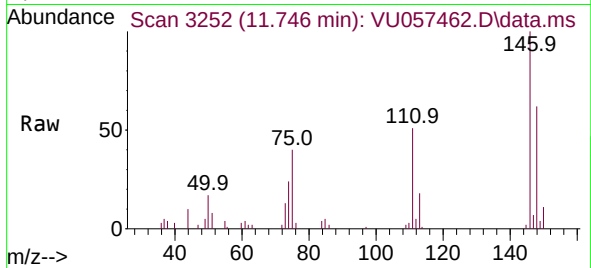




#64
1,3-Dichlorobenzene
Concen: 0.495 ug/L
RT: 11.746 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU057462.D
Acq: 11 Jan 2024 16:13

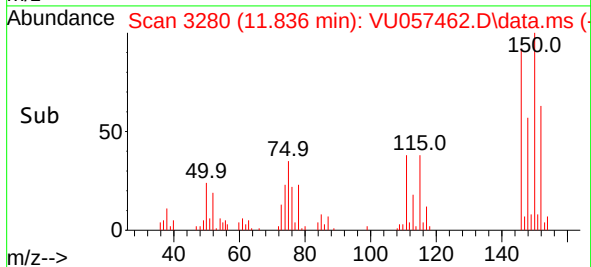
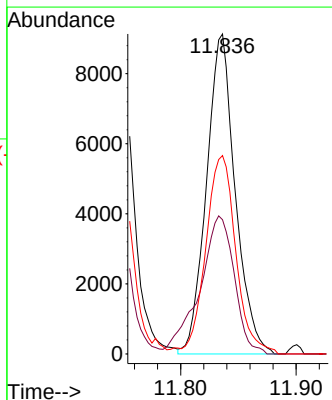
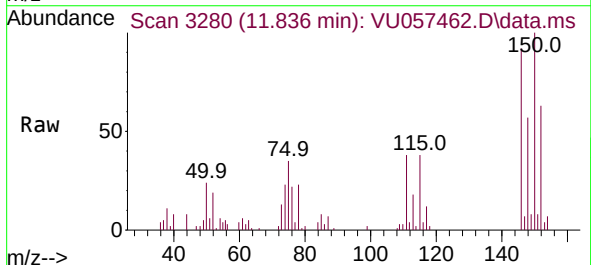
Instrument :
MSVOA_U
ClientSampleId :

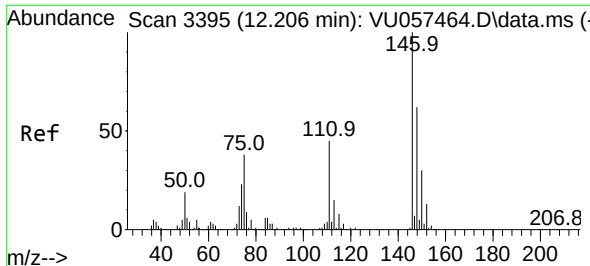
Tgt Ion:146 Resp: 15317
Ion Ratio Lower Upper
146 100
111 51.4 31.1 57.9
148 61.7 43.2 80.2



#65
1,4-Dichlorobenzene
Concen: 0.506 ug/L
RT: 11.836 min Scan# 3280
Delta R.T. 0.006 min
Lab File: VU057462.D
Acq: 11 Jan 2024 16:13

Tgt Ion:146 Resp: 15802
Ion Ratio Lower Upper
146 100
111 41.9 30.3 56.3
148 62.0 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 0.499 ug/L

RT: 12.212 min Scan# 31

Delta R.T. 0.006 min

Lab File: VU057462.D

Acq: 11 Jan 2024 16:13

Instrument :

MSVOA_U

ClientSampleId :

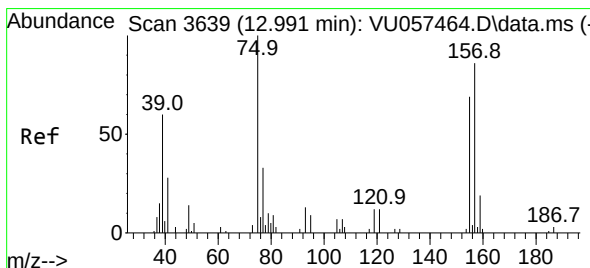
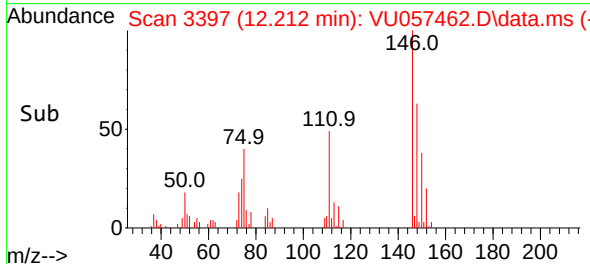
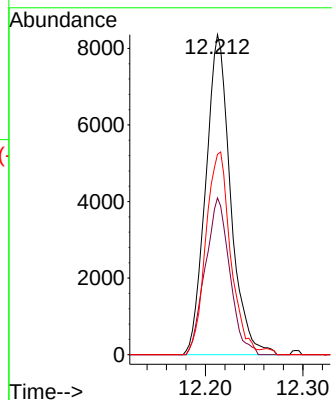
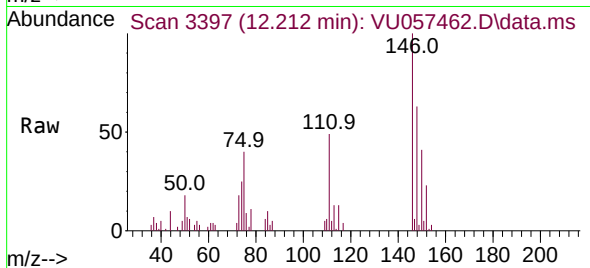
Tgt Ion:146 Resp: 14793

Ion Ratio Lower Upper

146 100

111 49.0 36.2 54.4

148 62.6 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 0.355 ug/L

RT: 12.997 min Scan# 3641

Delta R.T. 0.006 min

Lab File: VU057462.D

Acq: 11 Jan 2024 16:13

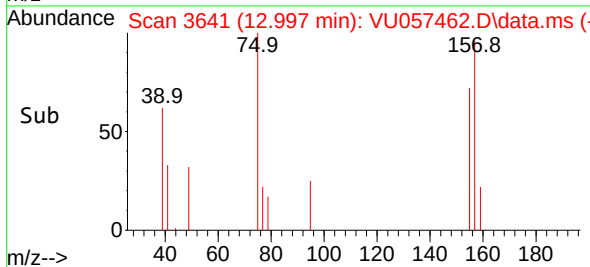
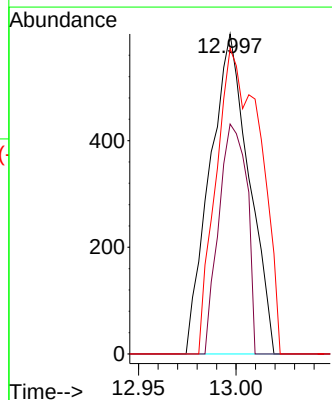
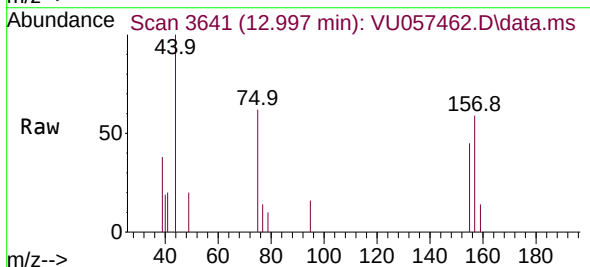
Tgt Ion: 75 Resp: 836

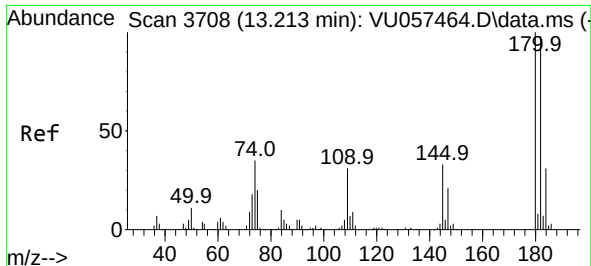
Ion Ratio Lower Upper

75 100

155 71.8 55.4 83.0

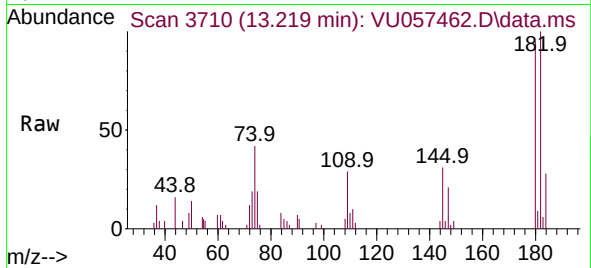
157 95.5 68.6 102.8



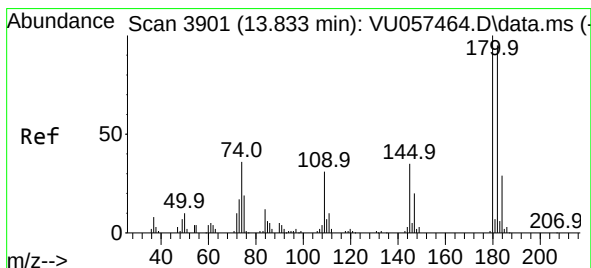
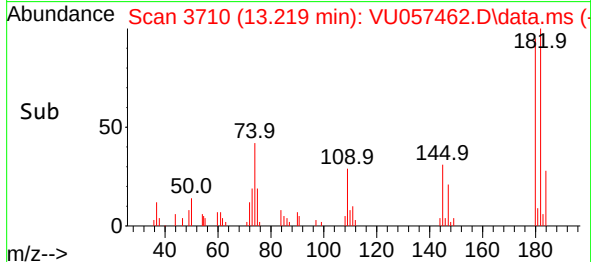
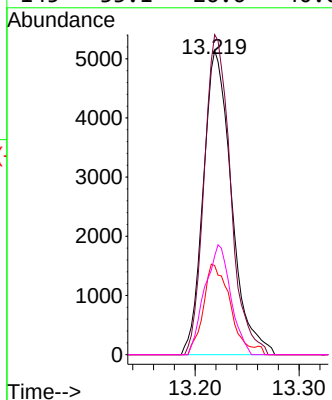


#69
 1,3,5-Trichlorobenzene
 Concen: 0.440 ug/L
 RT: 13.219 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VU057462.D
 Acq: 11 Jan 2024 16:13

Instrument :
 MSVOA_U
 ClientSampleId :

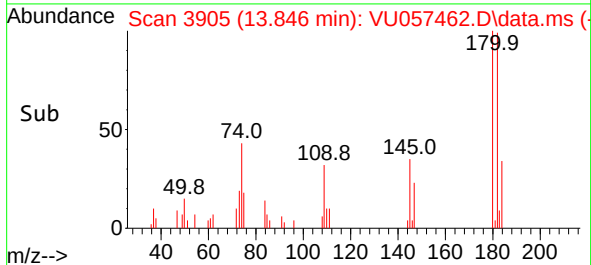
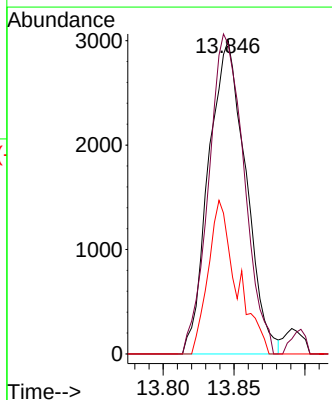
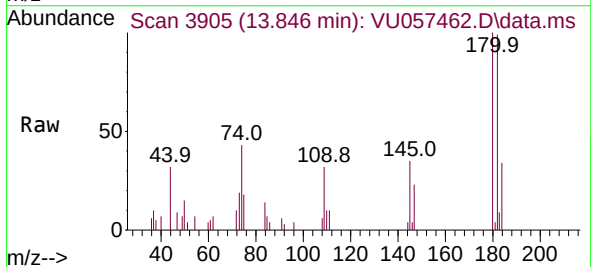


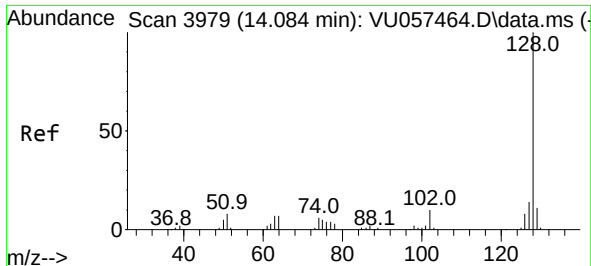
Tgt Ion:180 Resp: 9672
 Ion Ratio Lower Upper
 180 100
 182 98.1 76.6 115.0
 184 28.7 24.6 37.0
 145 33.1 26.6 40.0



#70
 1,2,4-trichlorobenzene
 Concen: 0.322 ug/L
 RT: 13.846 min Scan# 3905
 Delta R.T. 0.012 min
 Lab File: VU057462.D
 Acq: 11 Jan 2024 16:13

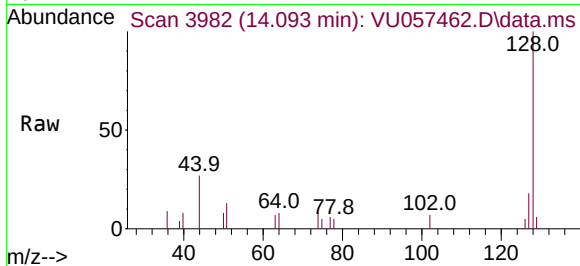
Tgt Ion:180 Resp: 5478
 Ion Ratio Lower Upper
 180 100
 182 96.9 77.1 115.7
 145 37.7 27.6 41.4



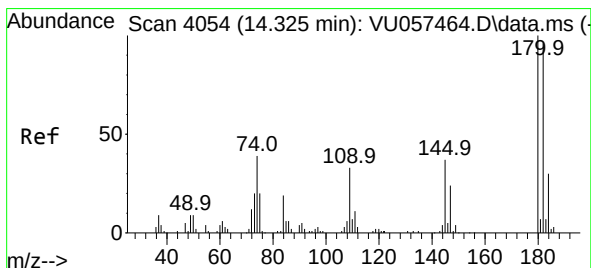
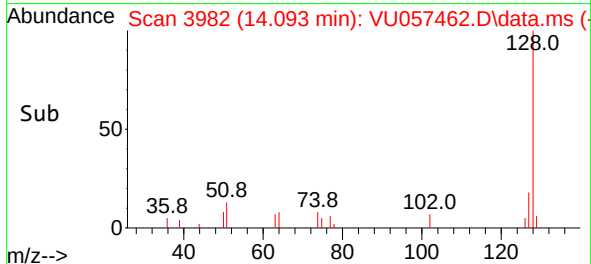
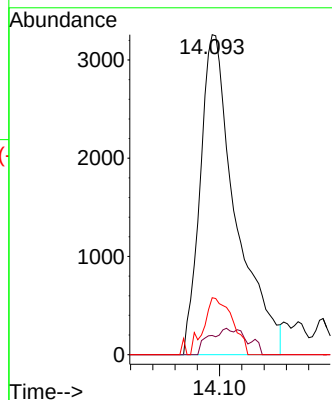


#71
Naphthalene
Concen: 0.281 ug/L
RT: 14.093 min Scan# 3979
Delta R.T. 0.009 min
Lab File: VU057462.D
Acq: 11 Jan 2024 16:13

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 7190
Ion Ratio Lower Upper
128 100
129 7.6 8.5 12.7#
127 14.3 10.5 15.7



#72
1,2,3-Trichlorobenzene
Concen: 0.322 ug/L
RT: 14.334 min Scan# 4057
Delta R.T. 0.009 min
Lab File: VU057462.D
Acq: 11 Jan 2024 16:13

Tgt Ion:180 Resp: 4621
Ion Ratio Lower Upper
180 100
182 98.1 77.0 115.6
145 32.4 30.0 45.0

