

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102823\
 Data File : VU055961.D
 Acq On : 28 Oct 2023 09:12
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 30 04:47:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 25 05:19:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	390570	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	375756	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	196939	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	154341	4.995	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 100.000%	
7) Chloroethane-d5	1.914	69	130972	5.438	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 108.800%	
11) 1,1-Dichloroethene-d2	2.567	65	70190	5.351	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 107.000%	
20) 2-Butanone-d5	4.624	46	311589	56.531	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 113.060%	
24) Chloroform-d	5.062	84	330389	5.771	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 115.400%	
26) 1,2-Dichloroethane-d4	5.698	65	149463	5.359	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 107.200%	
32) Benzene-d6	5.724	84	667118	5.960	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 119.200%	
36) 1,2-Dichloropropane-d6	6.689	67	200065	6.030	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 120.600%	
41) Toluene-d8	7.898	98	616101	6.068	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 121.400%	
43) trans-1,3-Dichloroprop...	8.177	79	72192	5.563	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 111.200%	
46) 2-Hexanone-d5	8.631	63	266553	80.914	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 161.820%#	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	141603	5.860	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 117.200%	
66) 1,2-Dichlorobenzene-d4	12.190	152	210958	5.741	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 114.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	100837	4.530	ug/L	96
3) Chloromethane	1.518	50	84694	3.985	ug/L	94
5) Vinyl chloride	1.605	62	99476	4.249	ug/L	98
6) Bromomethane	1.859	94	58037	4.002	ug/L	98
8) Chloroethane	1.933	64	61080	4.453	ug/L	96
9) Trichlorofluoromethane	2.139	101	146874	4.549	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	101640	4.792	ug/L	98
12) 1,1-Dichloroethene	2.579	96	86451	4.567	ug/L	88
13) Acetone	2.637	43	125966	40.105	ug/L	93
14) Carbon disulfide	2.792	76	206634	4.263	ug/L	100
15) Methyl Acetate	2.956	43	30301	4.735	ug/L	98
16) Methylene chloride	3.046	84	100318	4.677	ug/L	98
17) Methyl tert-butyl Ether	3.361	73	211984	4.615	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	86912	4.631	ug/L	97
19) 1,1-Dichloroethane	3.866	63	177828	4.666	ug/L	98
21) 2-Butanone	4.708	43	190064	41.164	ug/L	91
22) cis-1,2-Dichloroethene	4.666	96	104757	4.610	ug/L	93
23) Bromochloromethane	4.975	128	44322	4.787	ug/L	90
25) Chloroform	5.084	83	189230	4.631	ug/L	98

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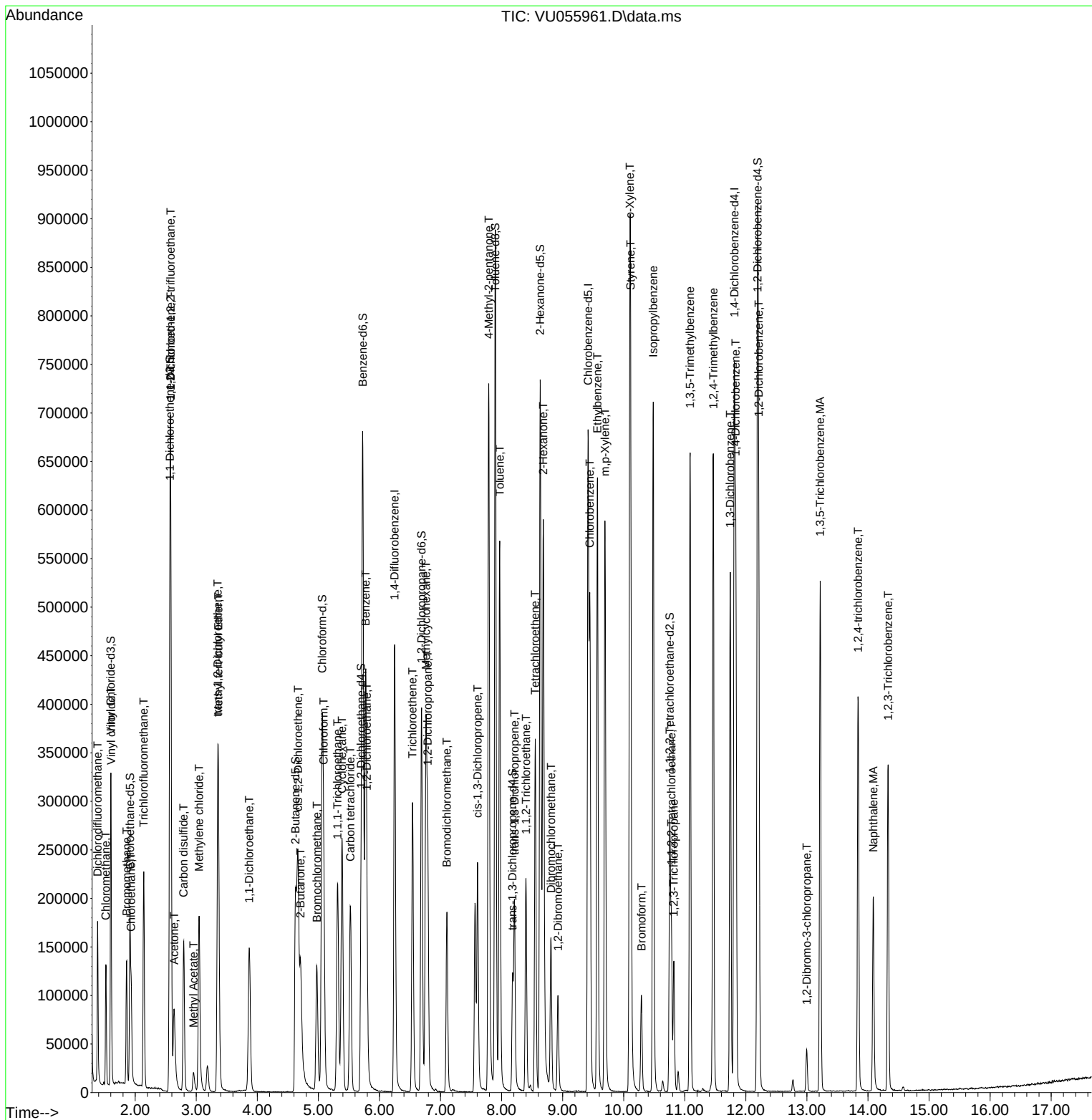
Instrument :
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 ClientSampleId :

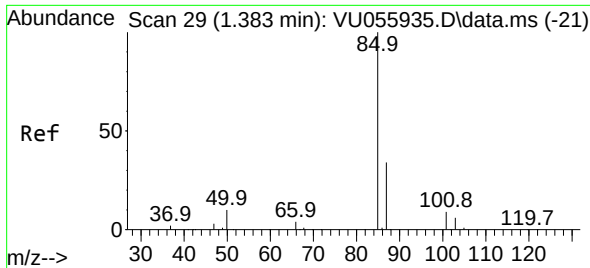
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	104643	4.359	ug/L	98
29) 1,1,1-Trichloroethane	5.312	97	163002	4.759	ug/L	98
30) Cyclohexane	5.386	56	131664	4.557	ug/L	98
31) Carbon tetrachloride	5.521	117	137561	4.709	ug/L	95
33) Benzene	5.772	78	397834	4.798	ug/L	100
34) Trichloroethene	6.541	95	108334	4.670	ug/L	97
35) Methylcyclohexane	6.763	83	149320	4.769	ug/L	96
37) 1,2-Dichloropropane	6.788	63	102574	4.659	ug/L	98
38) Bromodichloromethane	7.103	83	128668	4.655	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	151765	4.838	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	470618	44.341	ug/L	97
42) Toluene	7.968	91	425751	4.913	ug/L	99
44) trans-1,3-Dichloropropene	8.209	75	121363	4.793	ug/L	98
45) 1,1,2-Trichloroethane	8.399	97	73675	4.759	ug/L	93
47) Tetrachloroethene	8.550	164	83546	5.143	ug/L	94
48) 2-Hexanone	8.682	43	369028	44.220	ug/L	99
49) Dibromochloromethane	8.808	129	85565	5.035	ug/L	98
50) 1,2-Dibromoethane	8.923	107	67006	4.770	ug/L	97
51) Chlorobenzene	9.444	112	272757	4.802	ug/L	99
52) Ethylbenzene	9.570	91	468227	4.766	ug/L	99
53) m,p-Xylene	9.692	106	175529	4.781	ug/L	98
54) o-Xylene	10.100	106	171067	4.762	ug/L	98
55) Styrene	10.113	104	294234	5.110	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	87774	4.898	ug/L	98
59) Bromoform	10.290	173	46937	4.685	ug/L	98
60) Isopropylbenzene	10.483	105	479111	4.882	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	59257	4.383	ug/L	99
62) 1,3,5-Trimethylbenzene	11.087	105	380779	4.748	ug/L	100
63) 1,2,4-Trimethylbenzene	11.467	105	382038	5.128	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	228343	4.908	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	221706	4.775	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	204246	4.782	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	13002	5.389	ug/L	89
69) 1,3,5-Trichlorobenzene	13.216	180	165378	5.202	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	129149	5.496	ug/L	99
71) Naphthalene	14.087	128	173576	5.101	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	108839	5.373	ug/L	100

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

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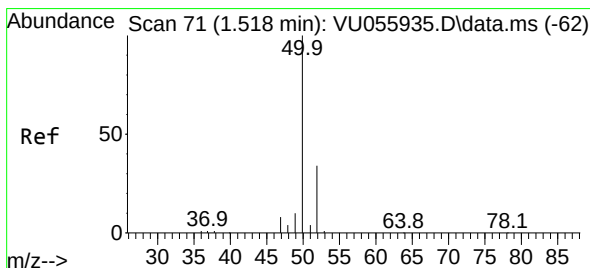
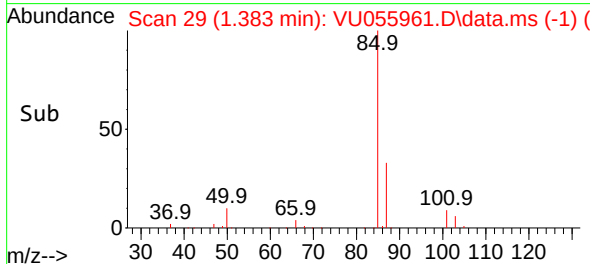
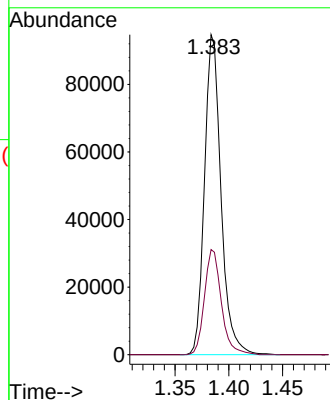
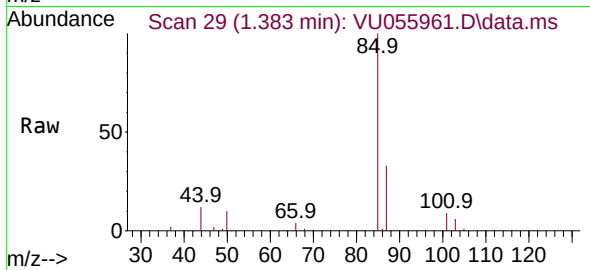




#2
 Dichlorodifluoromethane
 Concen: 4.530 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU055961.D
 Acq: 28 Oct 2023 09:12

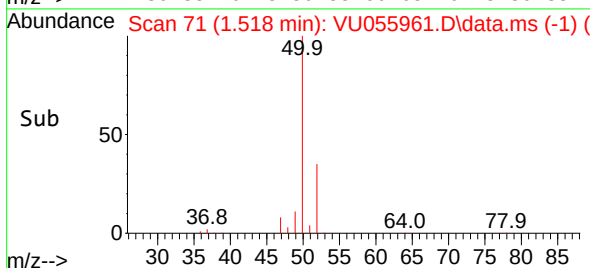
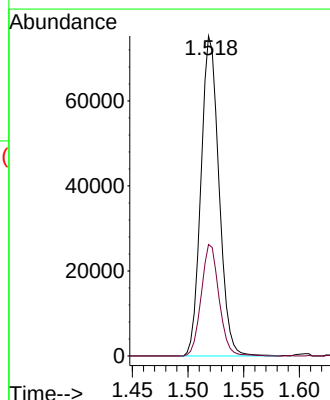
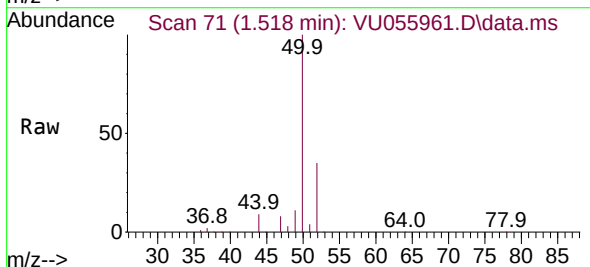
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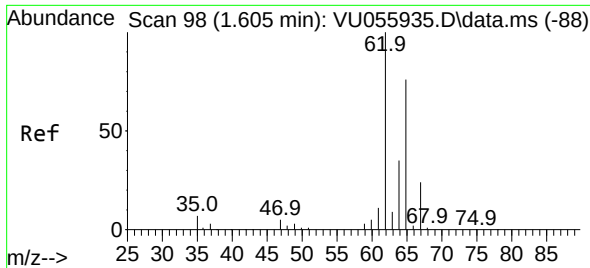
Tgt Ion: 85 Resp: 100837
 Ion Ratio Lower Upper
 85 100
 87 33.6 25.0 37.4



#3
 Chloromethane
 Concen: 3.985 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU055961.D
 Acq: 28 Oct 2023 09:12

Tgt Ion: 50 Resp: 84694
 Ion Ratio Lower Upper
 50 100
 52 34.8 22.0 40.8

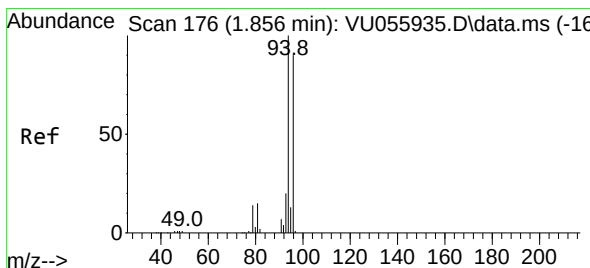
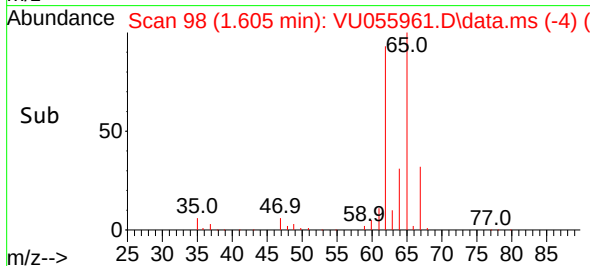
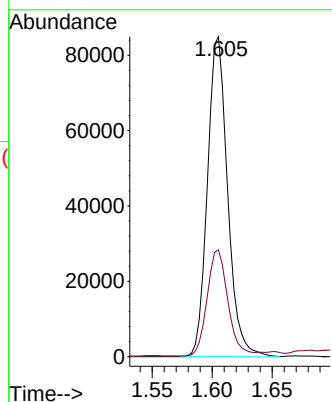
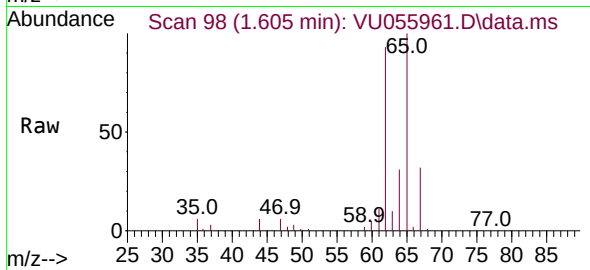




#5
 Vinyl chloride
 Concen: 4.249 ug/L
 RT: 1.605 min Scan# 98
 Delta R.T. 0.003 min
 Lab File: VU055961.D
 Acq: 28 Oct 2023 09:12

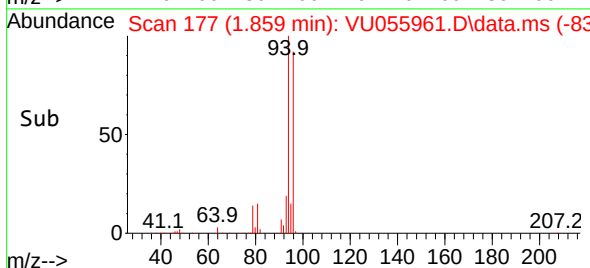
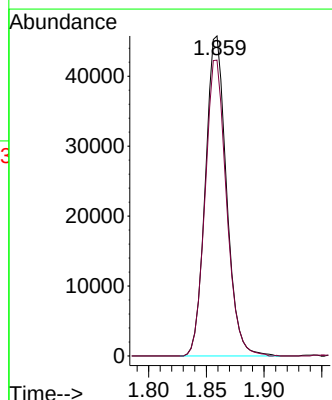
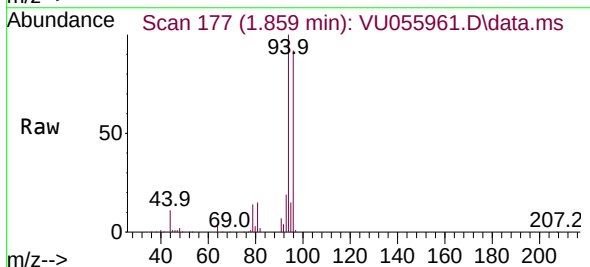
Instrument :
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 ClientSampleId :

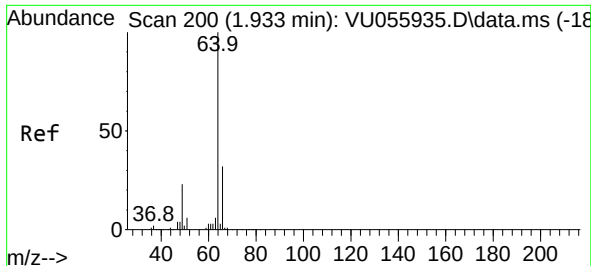
Tgt Ion: 62 Resp: 99476
 Ion Ratio Lower Upper
 62 100
 64 33.4 24.2 45.0



#6
 Bromomethane
 Concen: 4.002 ug/L
 RT: 1.859 min Scan# 177
 Delta R.T. 0.003 min
 Lab File: VU055961.D
 Acq: 28 Oct 2023 09:12

Tgt Ion: 94 Resp: 58037
 Ion Ratio Lower Upper
 94 100
 96 92.5 65.9 122.5





#8

Chloroethane

Concen: 4.453 ug/L

RT: 1.933 min Scan# 200

Delta R.T. 0.000 min

Lab File: VU055961.D

Acq: 28 Oct 2023 09:12

Instrument :

MSVOA_U

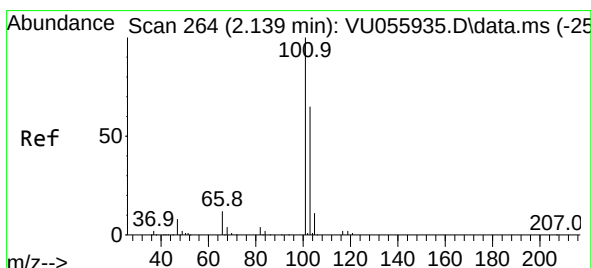
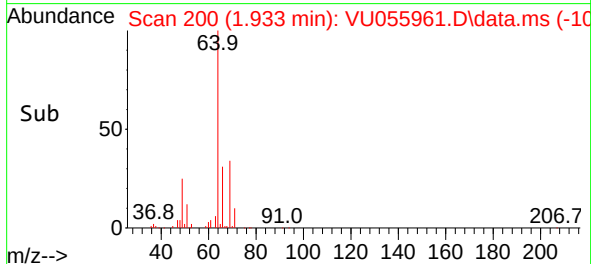
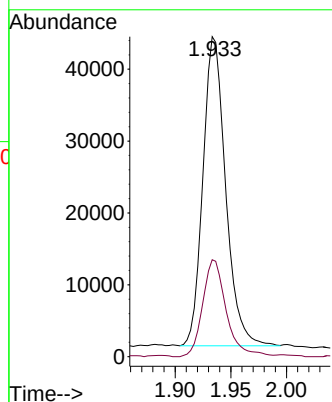
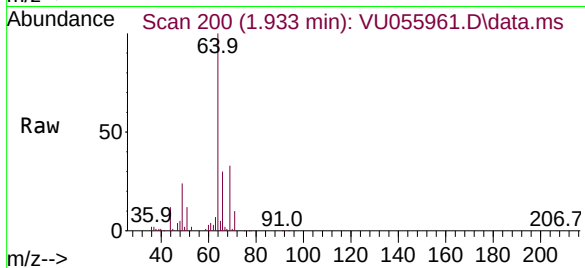
ClientSampleId :

Tgt Ion: 64 Resp: 61080

Ion Ratio Lower Upper

64 100

66 30.3 22.7 42.1



#9

Trichlorofluoromethane

Concen: 4.549 ug/L

RT: 2.139 min Scan# 264

Delta R.T. 0.003 min

Lab File: VU055961.D

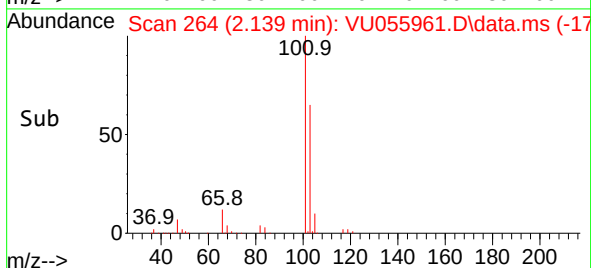
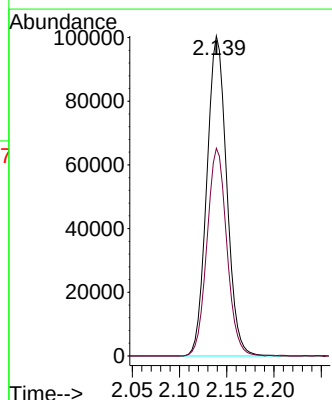
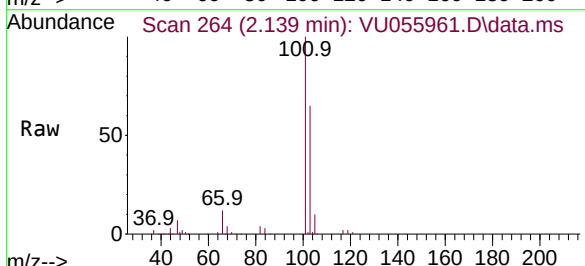
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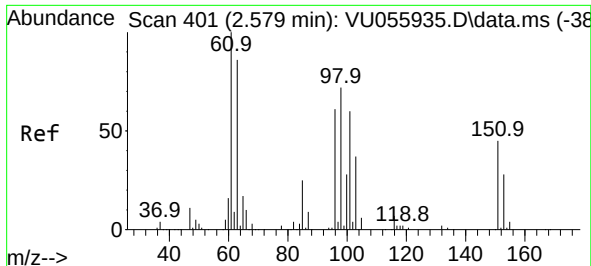
Tgt Ion: 101 Resp: 146874

Ion Ratio Lower Upper

101 100

103 64.6 52.2 78.2

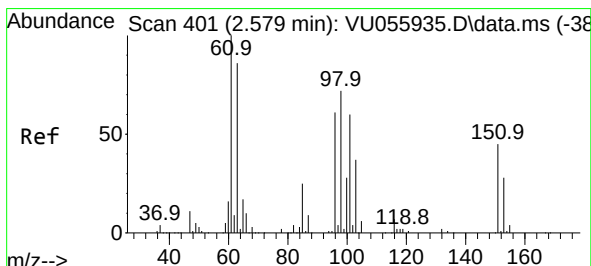
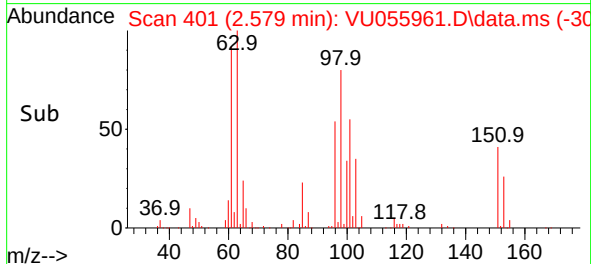
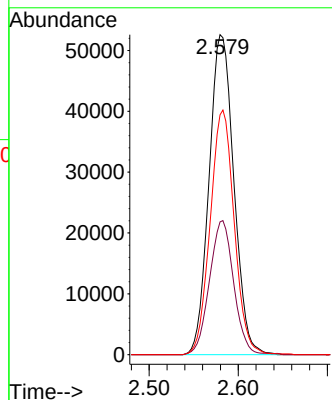
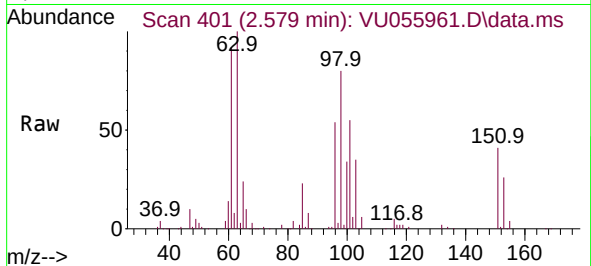




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.792 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: VU055961.D
 Acq: 28 Oct 2023 09:12

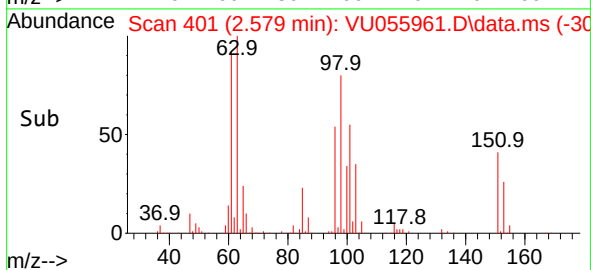
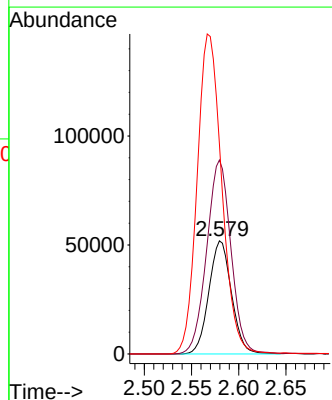
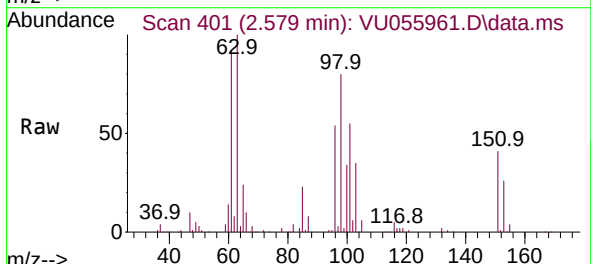
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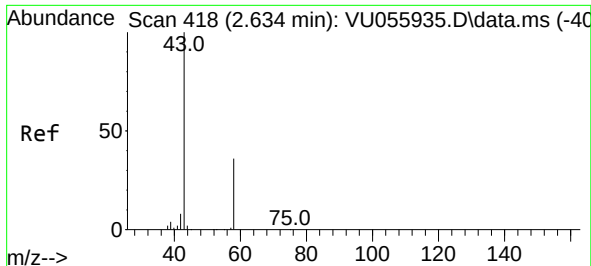
Tgt Ion:101 Resp: 101640
 Ion Ratio Lower Upper
 101 100
 85 40.9 34.4 51.6
 151 74.2 58.4 87.6



#12
 1,1-Dichloroethene
 Concen: 4.567 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. 0.003 min
 Lab File: VU055961.D
 Acq: 28 Oct 2023 09:12

Tgt Ion: 96 Resp: 86451
 Ion Ratio Lower Upper
 96 100
 61 171.4 123.8 230.0
 63 185.8 111.0 206.2





#13

Acetone

Concen: 40.105 ug/L

RT: 2.637 min Scan# 418

Delta R.T. -0.010 min

Lab File: VU055961.D

Acq: 28 Oct 2023 09:12

Instrument :

MSVOA_U

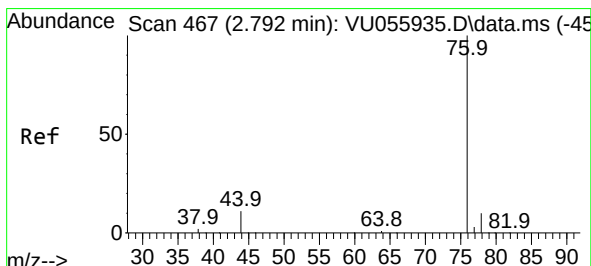
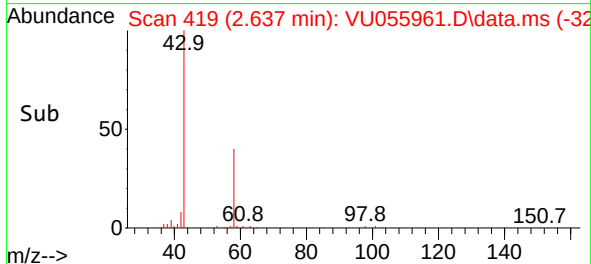
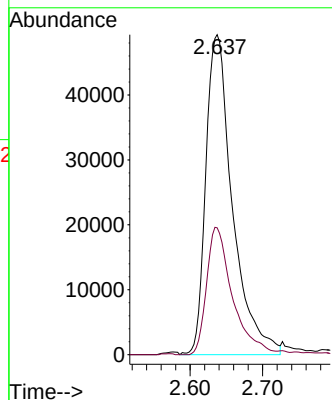
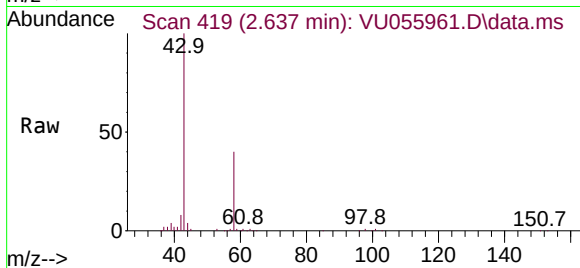
ClientSampleId :

Tgt Ion: 43 Resp: 125966

Ion Ratio Lower Upper

43 100

58 38.6 0.0 69.0



#14

Carbon disulfide

Concen: 4.263 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.003 min

Lab File: VU055961.D

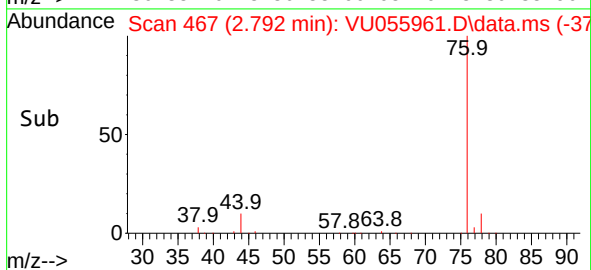
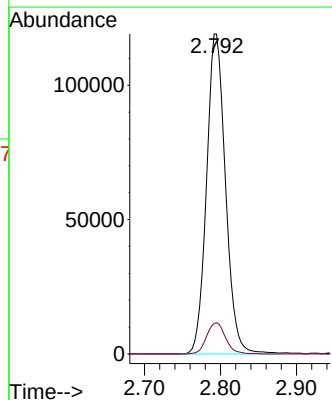
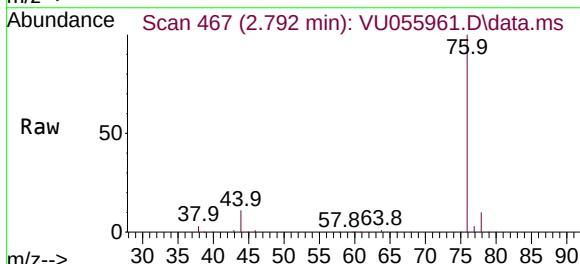
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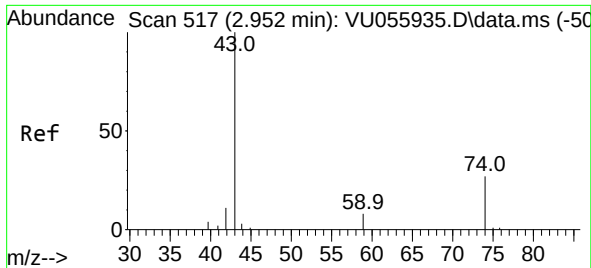
Tgt Ion: 76 Resp: 206634

Ion Ratio Lower Upper

76 100

78 9.6 7.5 11.3

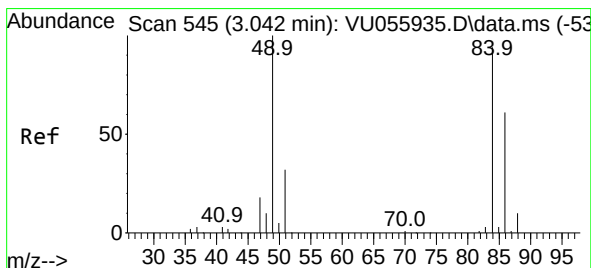
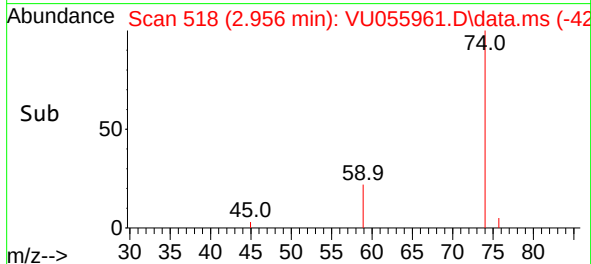
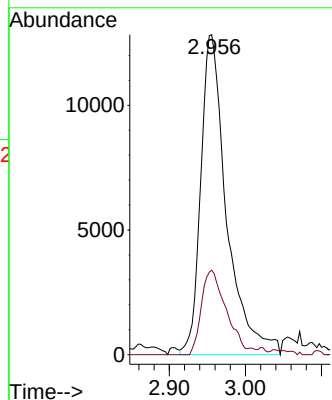
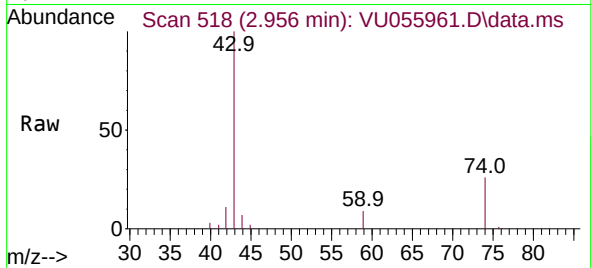




#15
Methyl Acetate
Concen: 4.735 ug/L
RT: 2.956 min Scan# 517
Delta R.T. 0.000 min
Lab File: VU055961.D
Acq: 28 Oct 2023 09:12

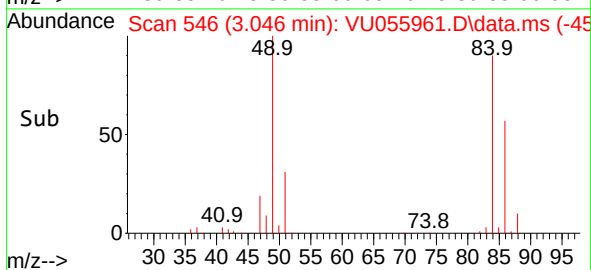
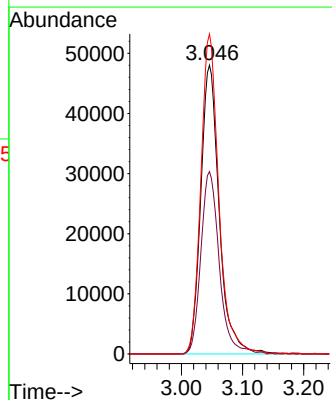
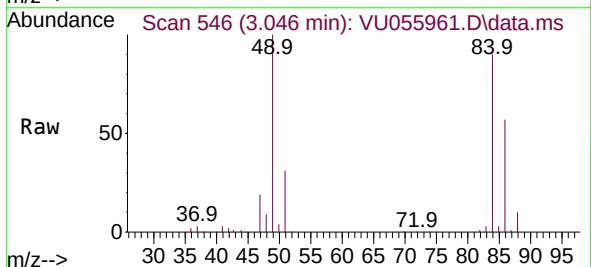
Instrument :
MSVOA_U
ClientSampleId :

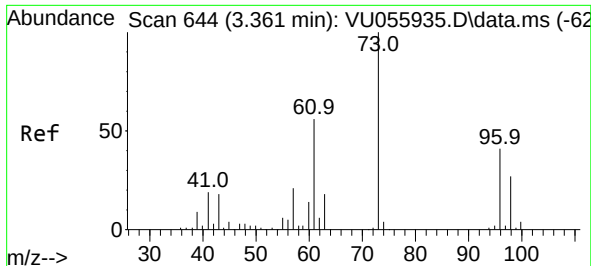
Tgt Ion: 43 Resp: 30301
Ion Ratio Lower Upper
43 100
74 25.8 19.9 29.9



#16
Methylene chloride
Concen: 4.677 ug/L
RT: 3.046 min Scan# 546
Delta R.T. 0.003 min
Lab File: VU055961.D
Acq: 28 Oct 2023 09:12

Tgt Ion: 84 Resp: 100318
Ion Ratio Lower Upper
84 100
86 63.2 45.2 84.0
49 110.8 78.8 146.3

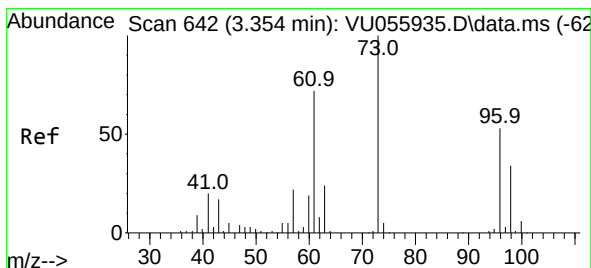
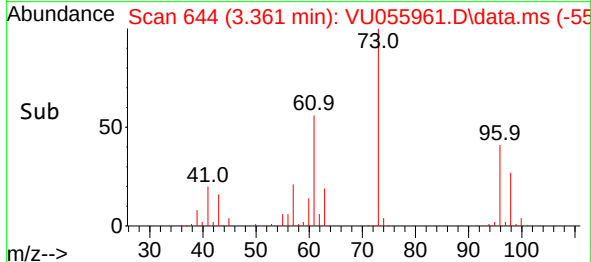
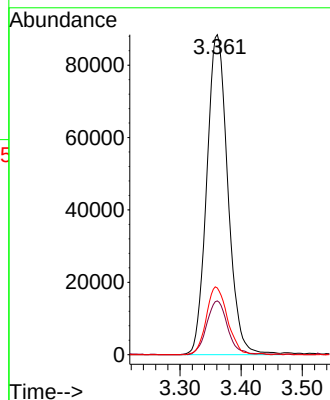
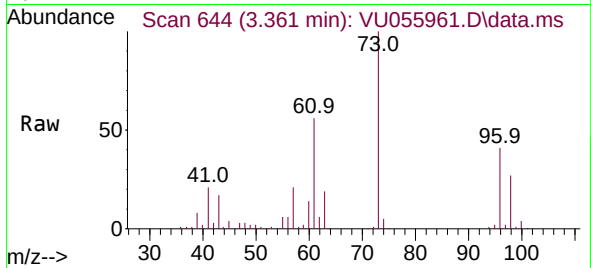




#17
Methyl tert-butyl Ether
Concen: 4.615 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.003 min
Lab File: VU055961.D
Acq: 28 Oct 2023 09:12

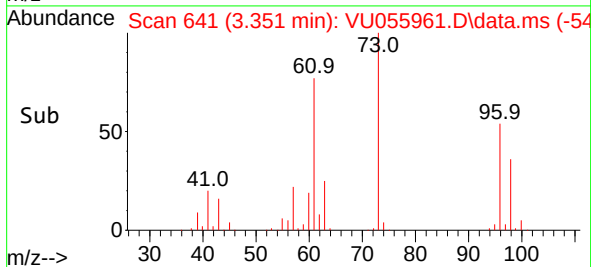
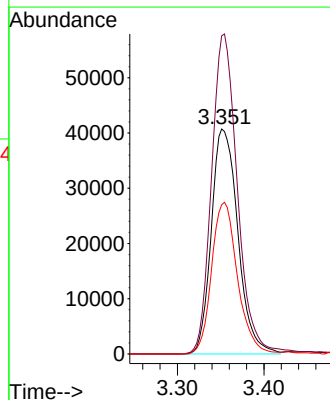
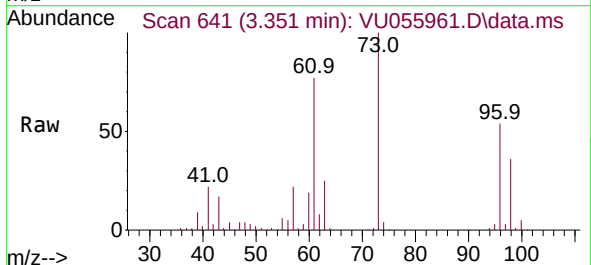
Instrument :
MSVOA_U
ClientSampleId :

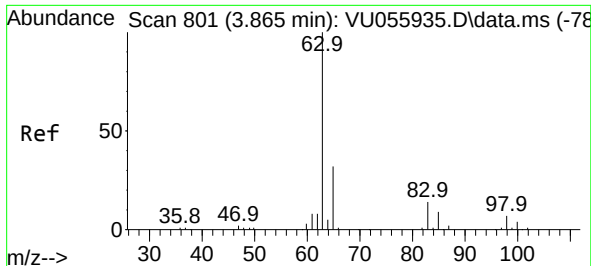
Tgt Ion: 73 Resp: 211984
Ion Ratio Lower Upper
73 100
43 16.8 14.4 21.6
57 21.2 17.0 25.4



#18
trans-1,2-Dichloroethene
Concen: 4.631 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU055961.D
Acq: 28 Oct 2023 09:12

Tgt Ion: 96 Resp: 86912
Ion Ratio Lower Upper
96 100
61 141.3 97.5 181.1
98 66.3 42.7 79.3





#19

1,1-Dichloroethane

Concen: 4.666 ug/L

RT: 3.866 min Scan# 801

Delta R.T. 0.000 min

Lab File: VU055961.D

Acq: 28 Oct 2023 09:12

Instrument :

MSVOA_U

ClientSampleId :

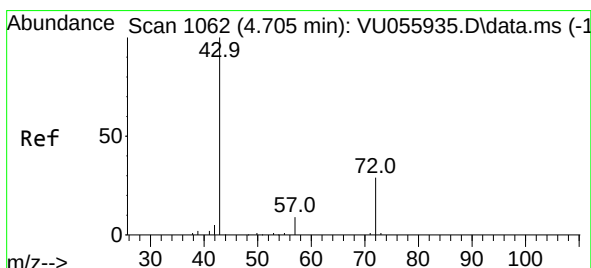
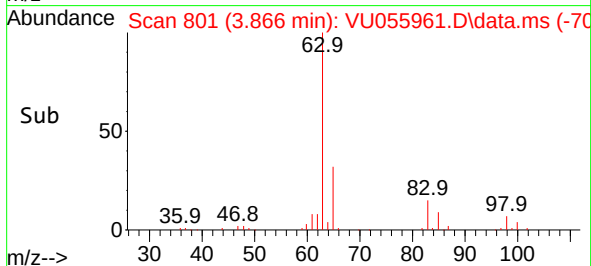
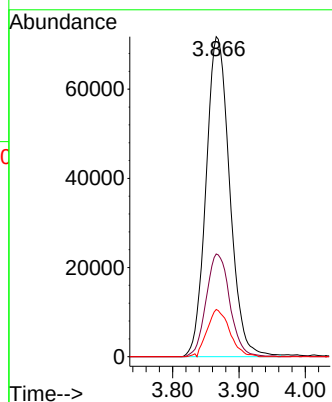
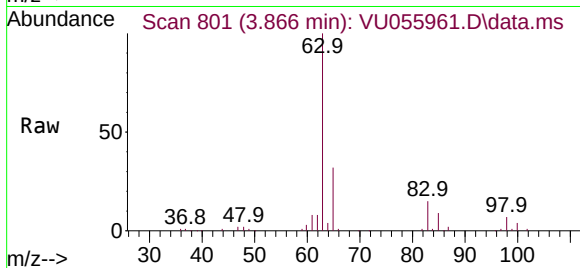
Tgt Ion: 63 Resp: 177828

Ion Ratio Lower Upper

63 100

65 32.1 23.3 43.3

83 14.7 10.5 19.5



#21

2-Butanone

Concen: 41.164 ug/L

RT: 4.708 min Scan# 1063

Delta R.T. -0.003 min

Lab File: VU055961.D

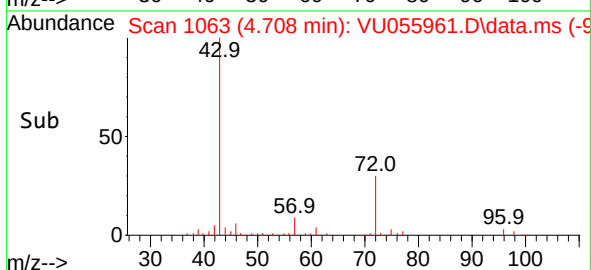
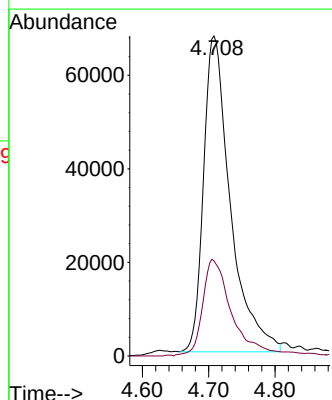
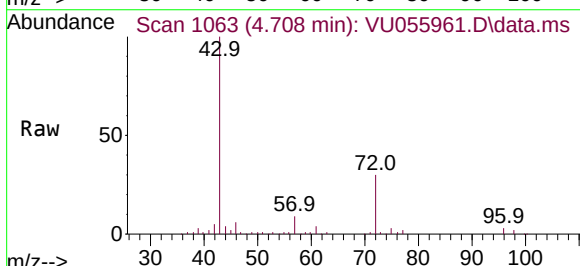
Acq: 28 Oct 2023 09:12

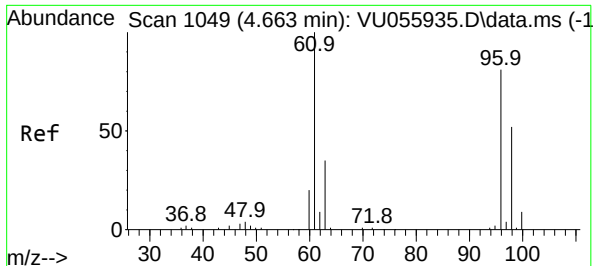
Tgt Ion: 43 Resp: 190064

Ion Ratio Lower Upper

43 100

72 33.8 14.4 43.4

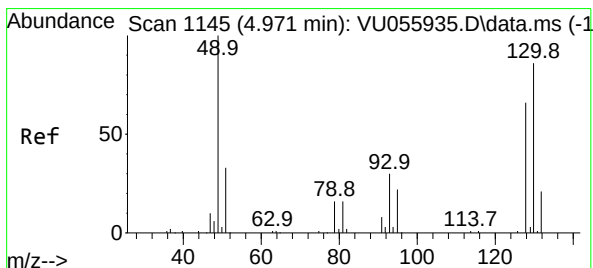
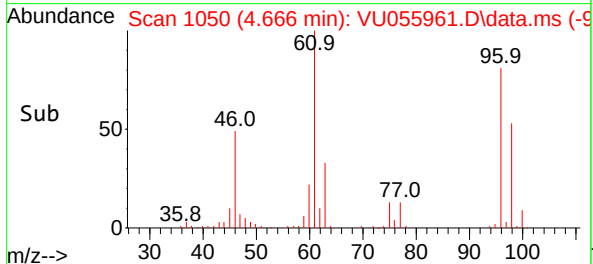
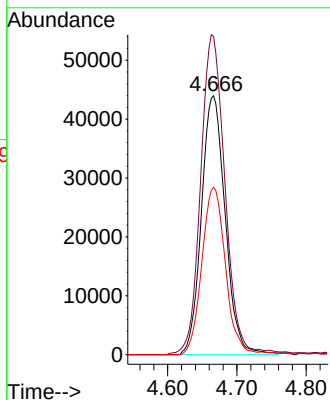
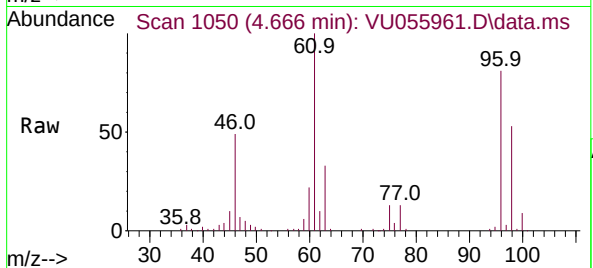




#22
 cis-1,2-Dichloroethene
 Concen: 4.610 ug/L
 RT: 4.666 min Scan# 1050
 Delta R.T. 0.003 min
 Lab File: VU055961.D
 Acq: 28 Oct 2023 09:12

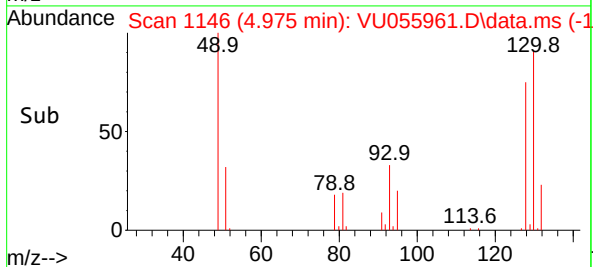
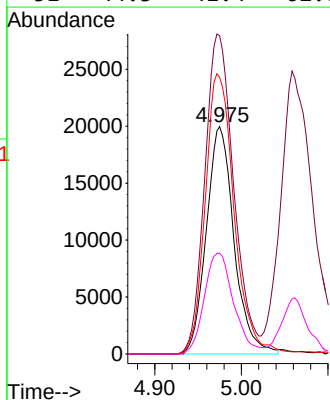
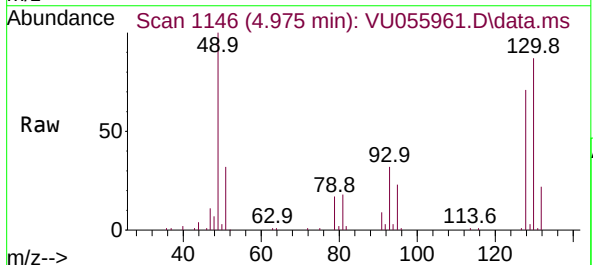
Instrument :
 MSVOA_U
 ClientSampleId :

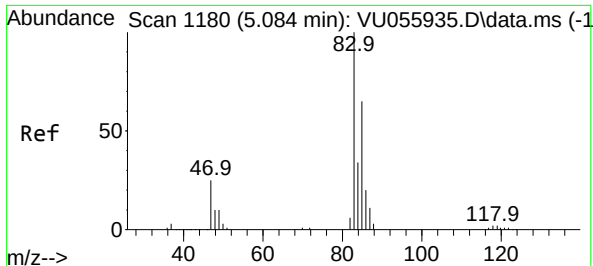
Tgt Ion: 96 Resp: 104757
 Ion Ratio Lower Upper
 96 100
 61 122.9 93.8 174.2
 98 64.7 45.6 84.8



#23
 Bromochloromethane
 Concen: 4.787 ug/L
 RT: 4.975 min Scan# 1146
 Delta R.T. 0.003 min
 Lab File: VU055961.D
 Acq: 28 Oct 2023 09:12

Tgt Ion: 128 Resp: 44322
 Ion Ratio Lower Upper
 128 100
 49 140.0 108.7 201.9
 130 121.7 91.5 169.9
 51 44.3 41.4 62.0





#25

Chloroform

Concen: 4.631 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VU055961.D

Acq: 28 Oct 2023 09:12

Instrument :

MSVOA_U

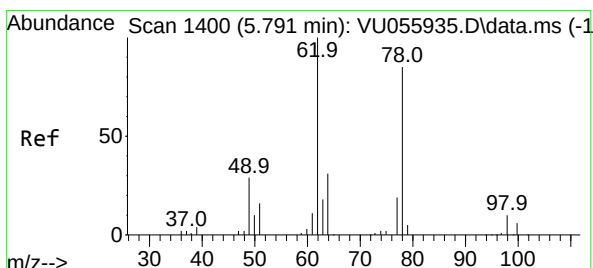
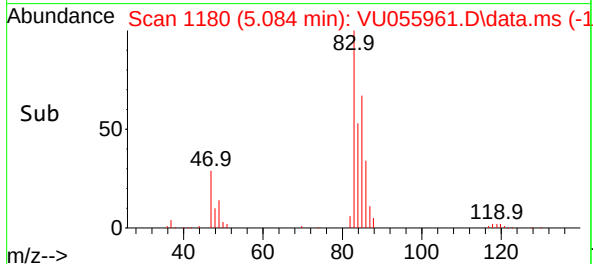
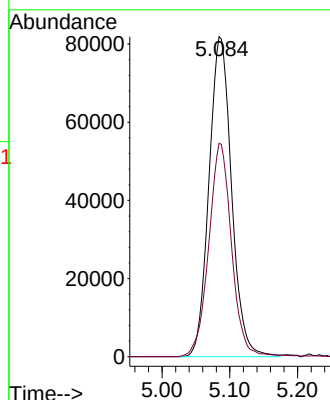
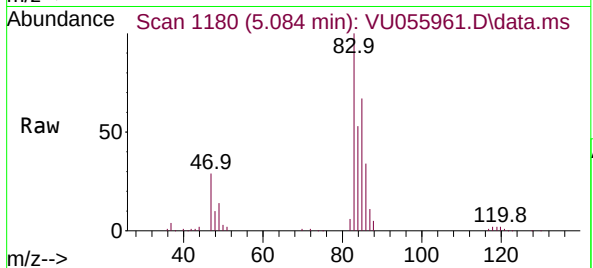
ClientSampleId :

Tgt Ion: 83 Resp: 189230

Ion Ratio Lower Upper

83 100

85 66.7 45.6 84.8



#27

1,2-Dichloroethane

Concen: 4.359 ug/L

RT: 5.792 min Scan# 1400

Delta R.T. 0.000 min

Lab File: VU055961.D

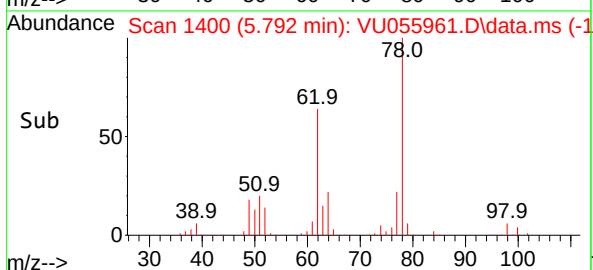
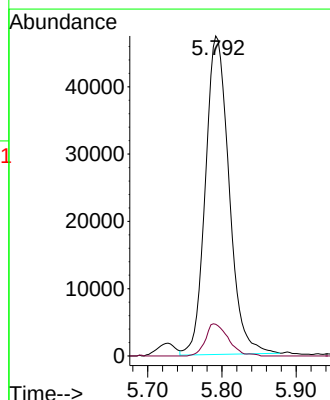
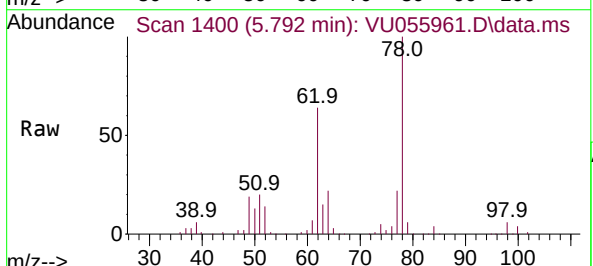
Acq: 28 Oct 2023 09:12

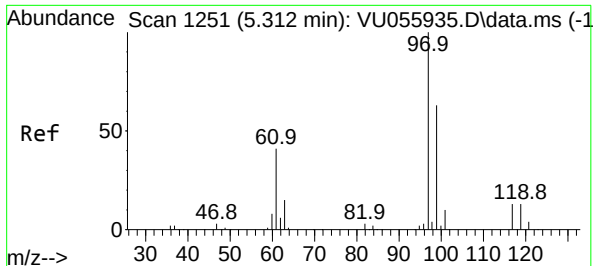
Tgt Ion: 62 Resp: 104643

Ion Ratio Lower Upper

62 100

98 9.9 7.4 11.2





#29

1,1,1-Trichloroethane

Concen: 4.759 ug/L

RT: 5.312 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU055961.D

Acq: 28 Oct 2023 09:12

Instrument :

MSVOA_U

ClientSampleId :

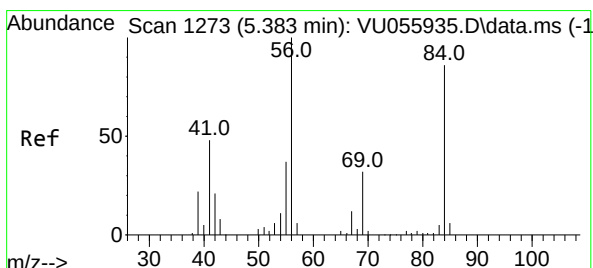
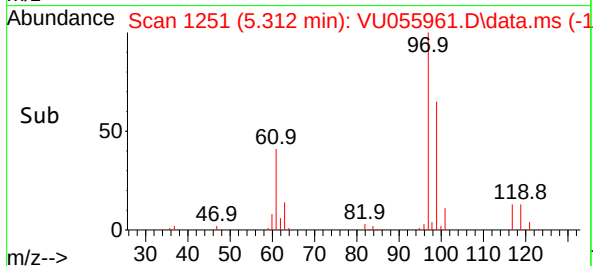
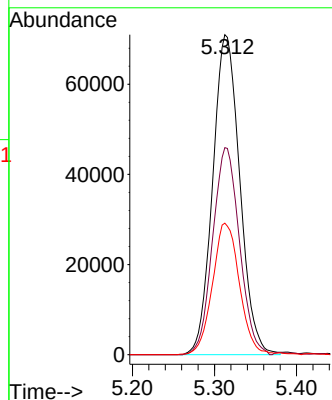
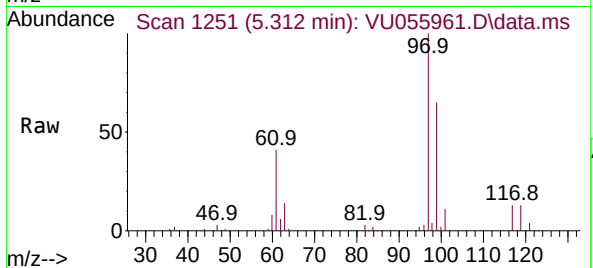
Tgt Ion: 97 Resp: 163002

Ion Ratio Lower Upper

97 100

99 64.0 50.8 76.2

61 40.9 35.0 52.4



#30

Cyclohexane

Concen: 4.557 ug/L

RT: 5.386 min Scan# 1274

Delta R.T. 0.003 min

Lab File: VU055961.D

Acq: 28 Oct 2023 09:12

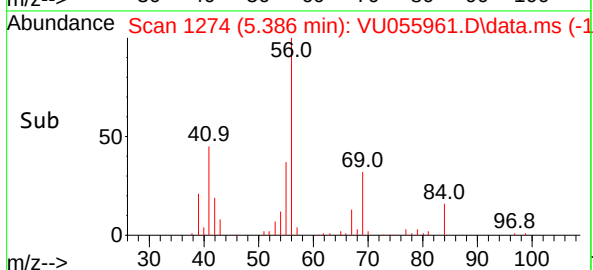
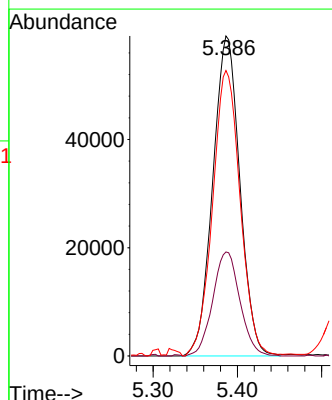
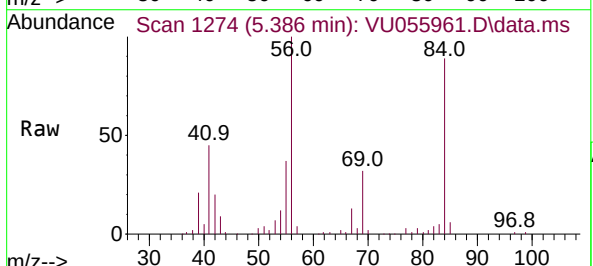
Tgt Ion: 56 Resp: 131664

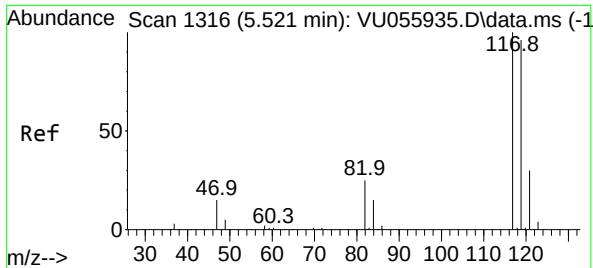
Ion Ratio Lower Upper

56 100

69 32.6 25.4 38.2

84 91.0 71.0 106.6

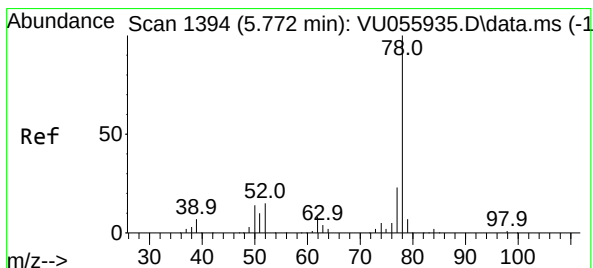
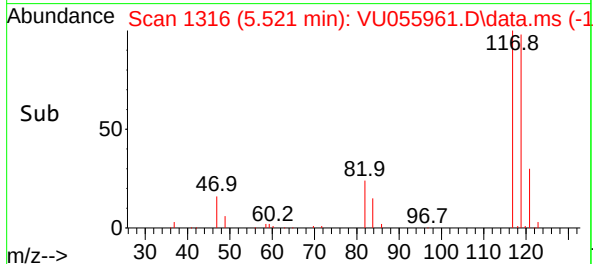
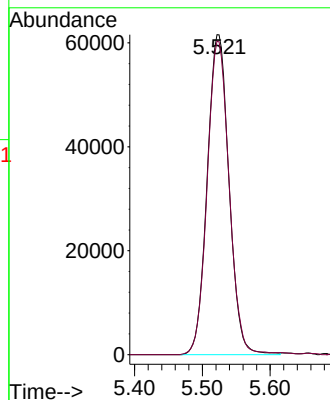
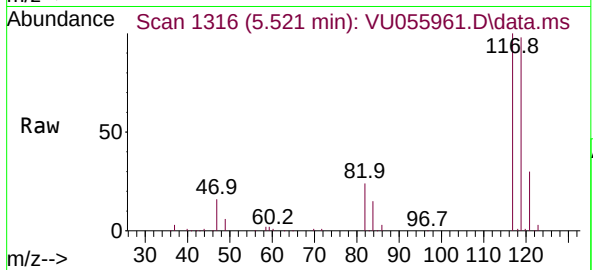




#31
Carbon tetrachloride
Concen: 4.709 ug/L
RT: 5.521 min Scan# 1316
Delta R.T. 0.003 min
Lab File: VU055961.D
Acq: 28 Oct 2023 09:12

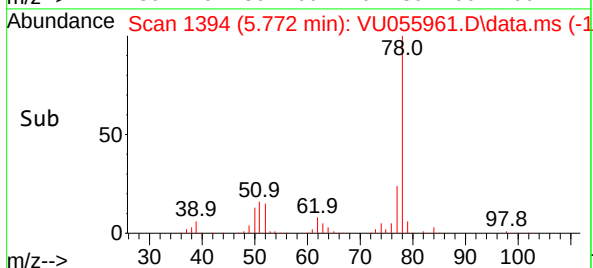
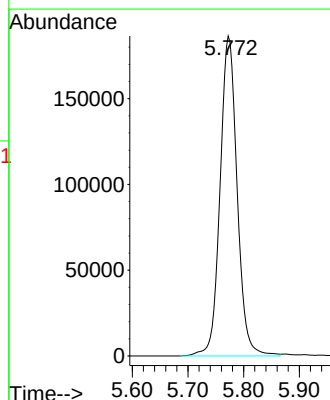
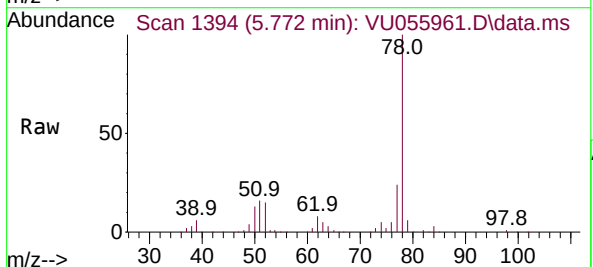
Instrument :
MSVOA_U
ClientSampleId :

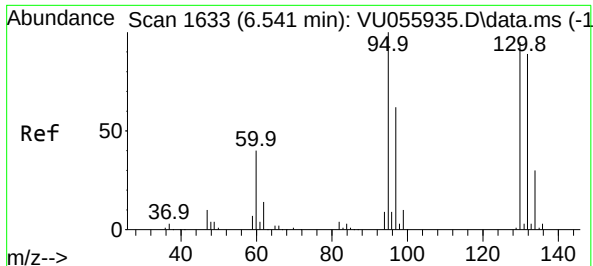
Tgt Ion:117 Resp: 137561
Ion Ratio Lower Upper
117 100
119 98.4 75.1 112.7



#33
Benzene
Concen: 4.798 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.003 min
Lab File: VU055961.D
Acq: 28 Oct 2023 09:12

Tgt Ion: 78 Resp: 397834





#34

Trichloroethene

Concen: 4.670 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU055961.D

Acq: 28 Oct 2023 09:12

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 108334

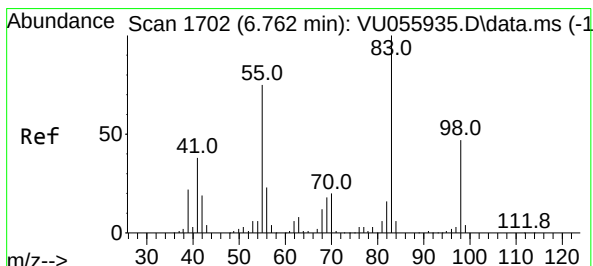
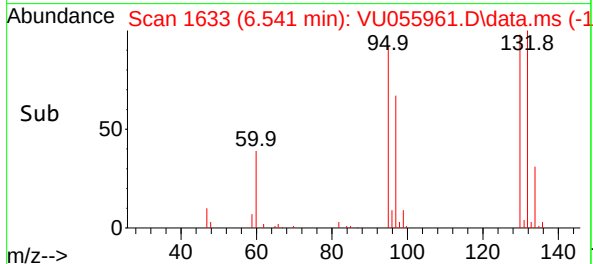
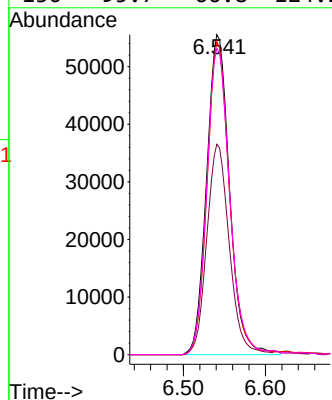
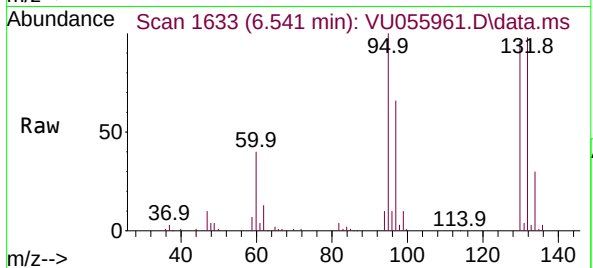
Ion Ratio Lower Upper

95 100

97 65.7 45.4 84.2

132 97.8 63.9 118.7

130 95.7 66.8 124.2



#35

Methylcyclohexane

Concen: 4.769 ug/L

RT: 6.763 min Scan# 1702

Delta R.T. 0.003 min

Lab File: VU055961.D

Acq: 28 Oct 2023 09:12

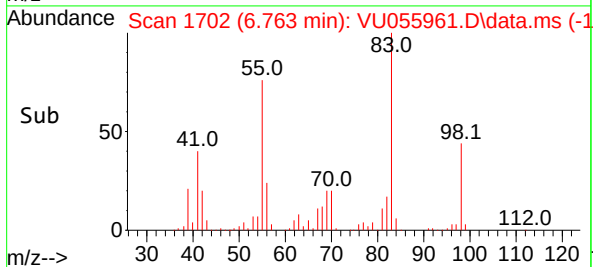
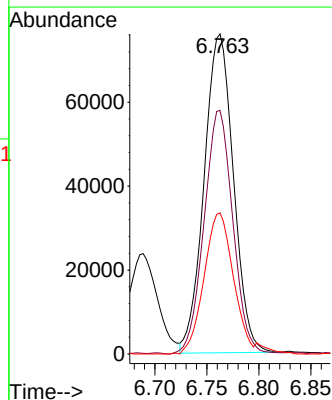
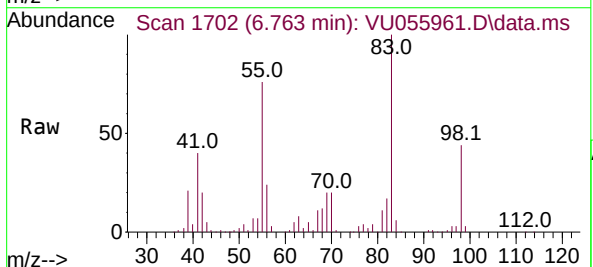
Tgt Ion: 83 Resp: 149320

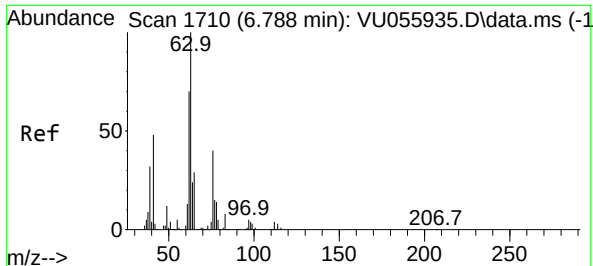
Ion Ratio Lower Upper

83 100

55 75.0 62.4 93.6

98 43.9 37.4 56.2

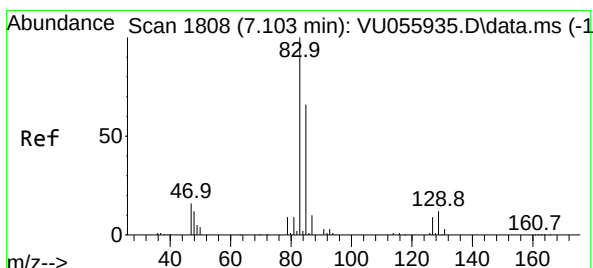
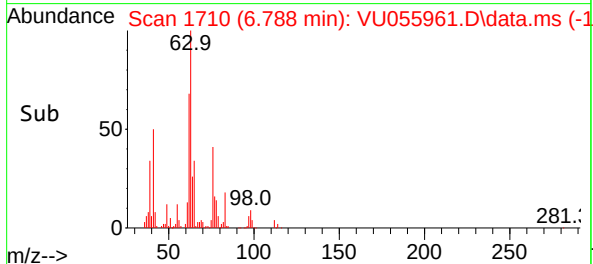
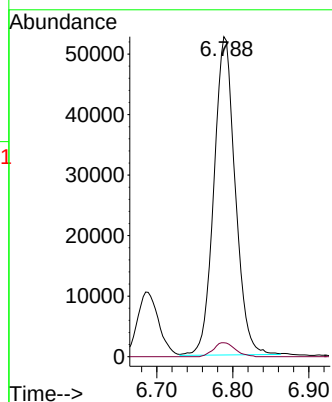
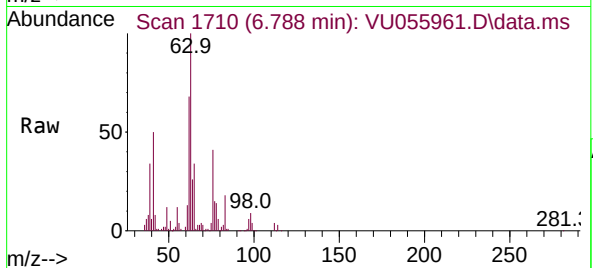




#37
1,2-Dichloropropane
Concen: 4.659 ug/L
RT: 6.788 min Scan# 1710
Delta R.T. 0.003 min
Lab File: VU055961.D
Acq: 28 Oct 2023 09:12

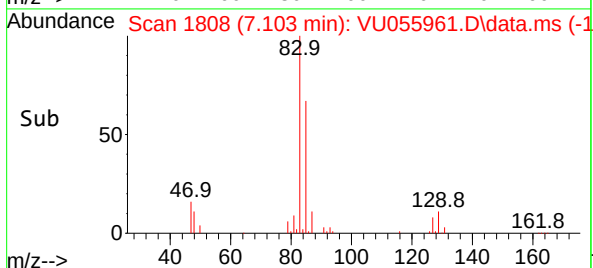
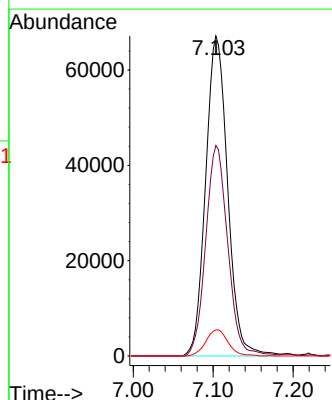
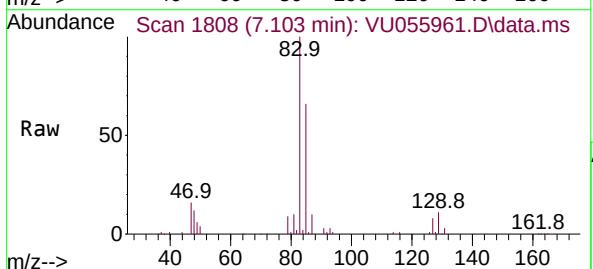
Instrument :
MSVOA_U
ClientSampleId :

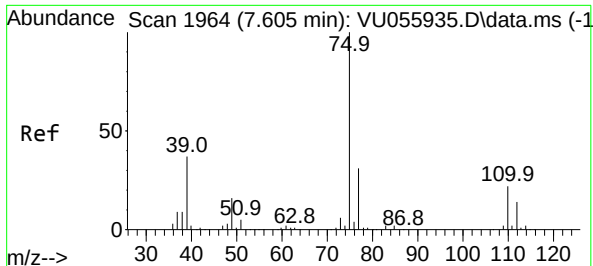
Tgt Ion: 63 Resp: 102574
Ion Ratio Lower Upper
63 100
112 4.5 3.1 4.7



#38
Bromodichloromethane
Concen: 4.655 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VU055961.D
Acq: 28 Oct 2023 09:12

Tgt Ion: 83 Resp: 128668
Ion Ratio Lower Upper
83 100
85 65.7 44.9 83.3
127 8.1 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 4.838 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VU055961.D

Acq: 28 Oct 2023 09:12

Instrument :

MSVOA_U

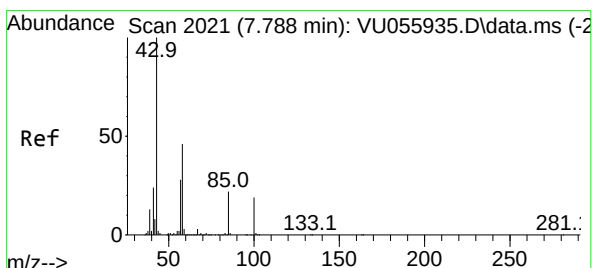
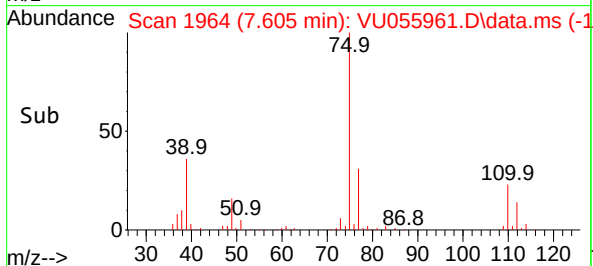
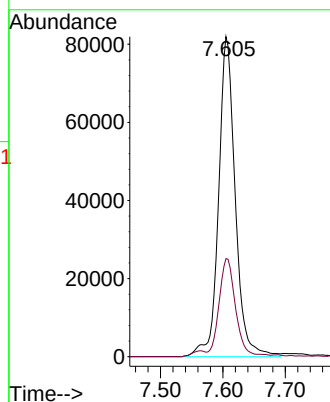
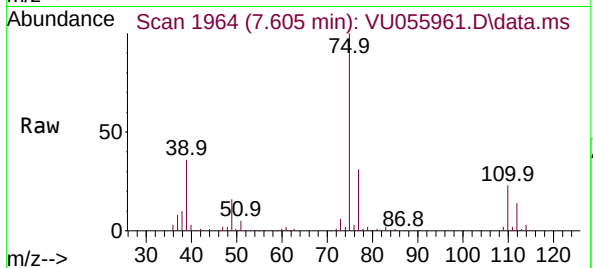
ClientSampleId :

Tgt Ion: 75 Resp: 151765

Ion Ratio Lower Upper

75 100

77 30.7 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 44.341 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. 0.000 min

Lab File: VU055961.D

Acq: 28 Oct 2023 09:12

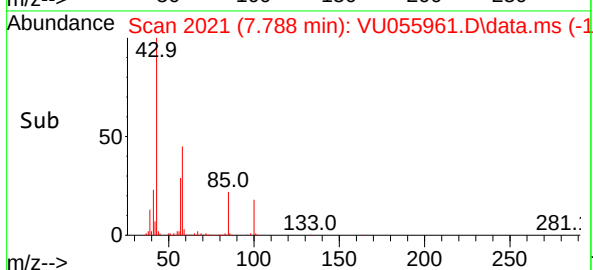
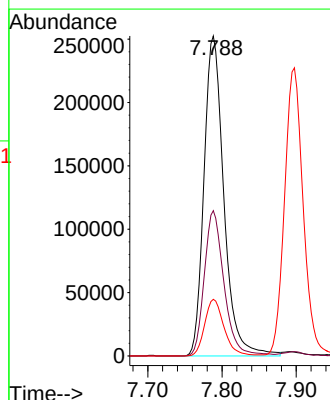
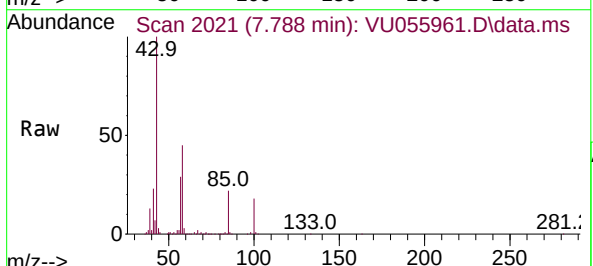
Tgt Ion: 43 Resp: 470618

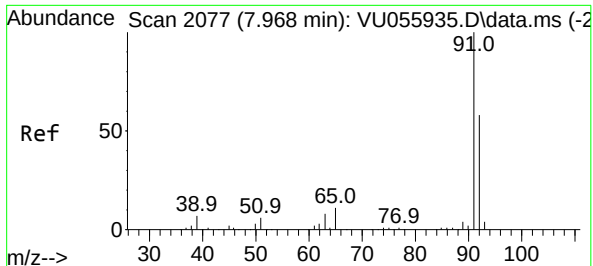
Ion Ratio Lower Upper

43 100

58 44.9 34.0 51.0

100 17.2 13.0 19.6

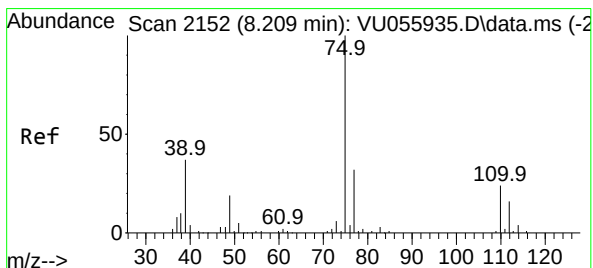
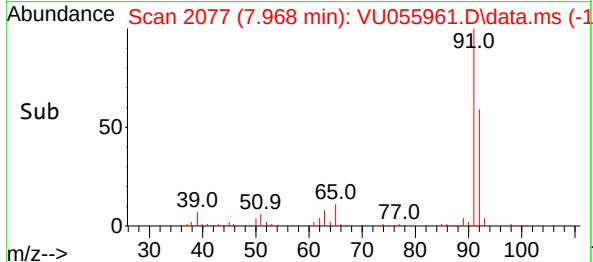
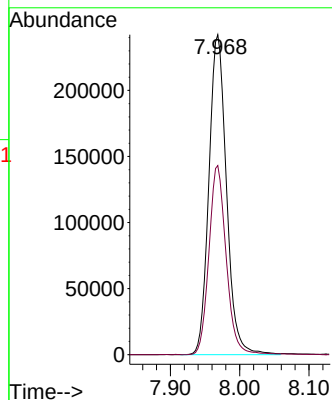
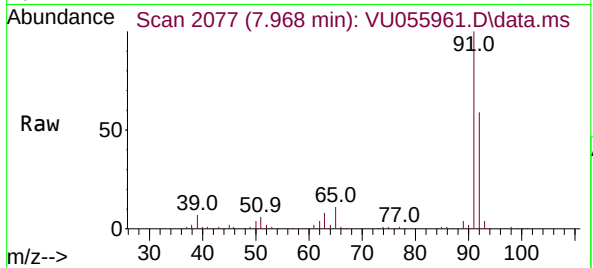




#42
Toluene
Concen: 4.913 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. 0.003 min
Lab File: VU055961.D
Acq: 28 Oct 2023 09:12

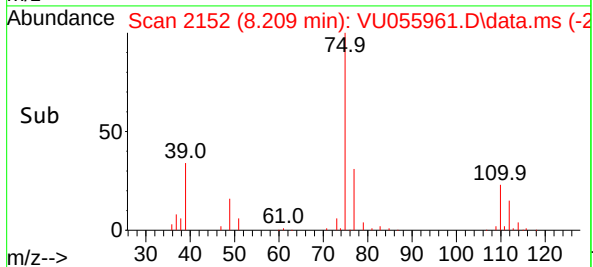
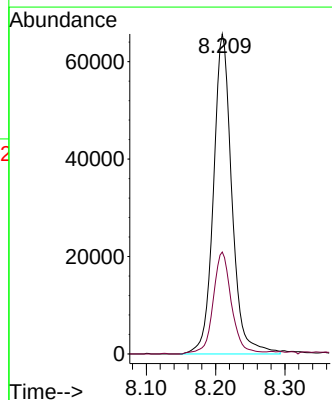
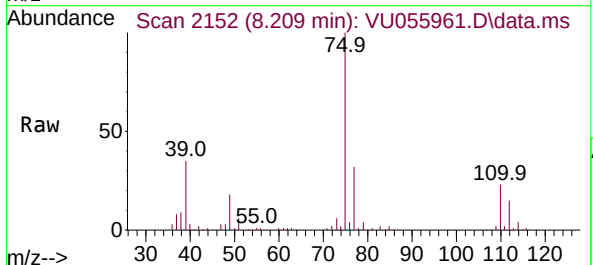
Instrument :
MSVOA_U
ClientSampleId :

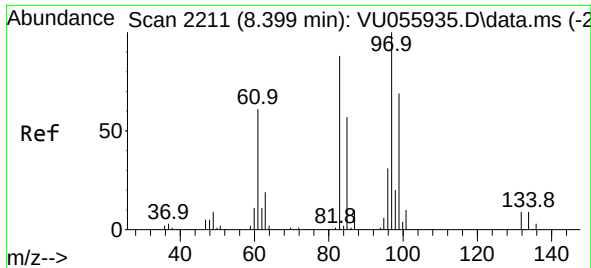
Tgt Ion: 91 Resp: 425751
Ion Ratio Lower Upper
91 100
92 59.1 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 4.793 ug/L
RT: 8.209 min Scan# 2152
Delta R.T. 0.003 min
Lab File: VU055961.D
Acq: 28 Oct 2023 09:12

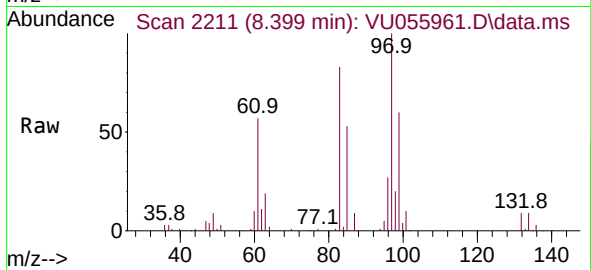
Tgt Ion: 75 Resp: 121363
Ion Ratio Lower Upper
75 100
77 31.9 21.7 40.3



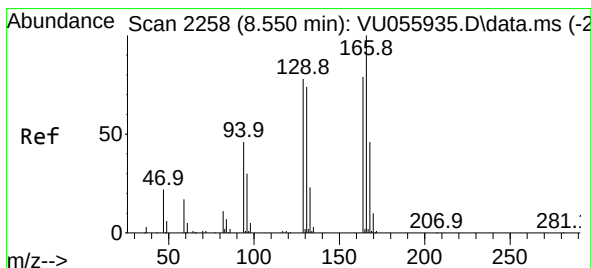
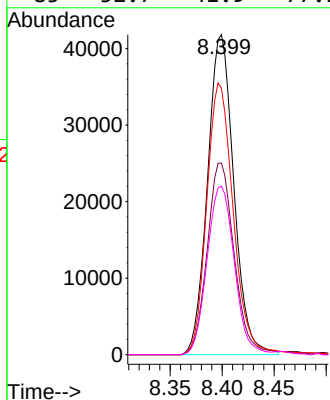
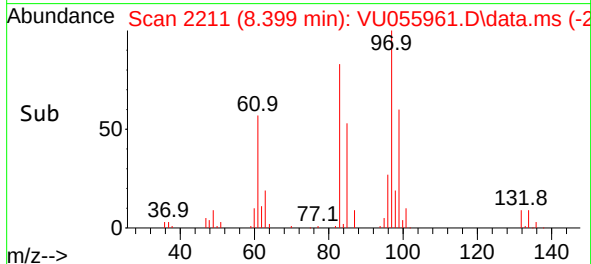


#45
1,1,2-Trichloroethane
Concen: 4.759 ug/L
RT: 8.399 min Scan# 2211
Delta R.T. 0.003 min
Lab File: VU055961.D
Acq: 28 Oct 2023 09:12

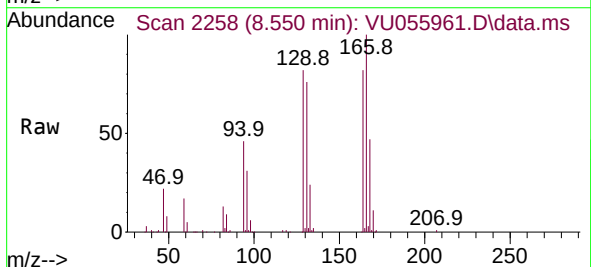
Instrument :
MSVOA_U
ClientSampleId :



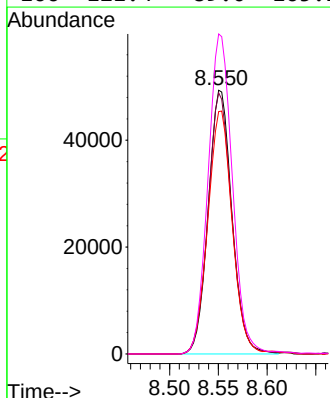
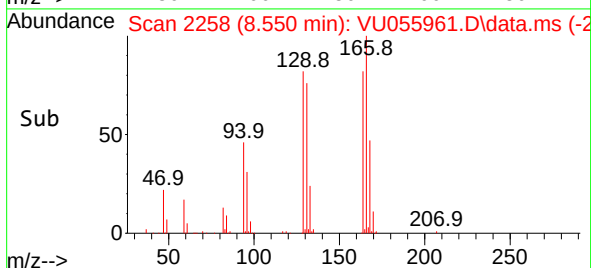
Tgt Ion:	97	Resp:	73675
Ion	Ratio	Lower	Upper
97	100		
99	59.9	45.3	84.1
83	83.3	61.9	115.1
85	52.7	41.9	77.9

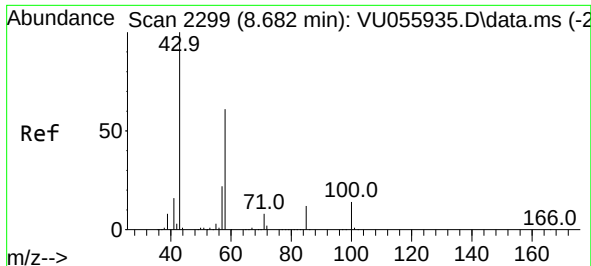


#47
Tetrachloroethene
Concen: 5.143 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU055961.D
Acq: 28 Oct 2023 09:12



Tgt Ion:	164	Resp:	83546
Ion	Ratio	Lower	Upper
164	100		
129	99.0	72.2	134.0
131	92.0	70.8	131.6
166	121.4	89.0	165.2

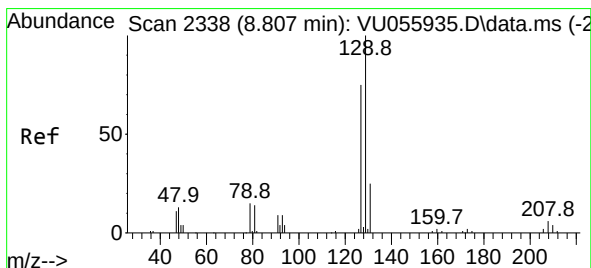
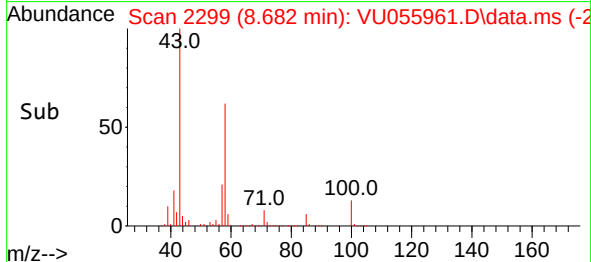
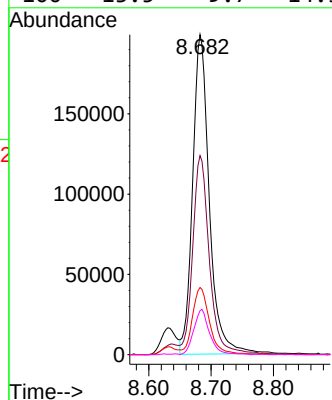
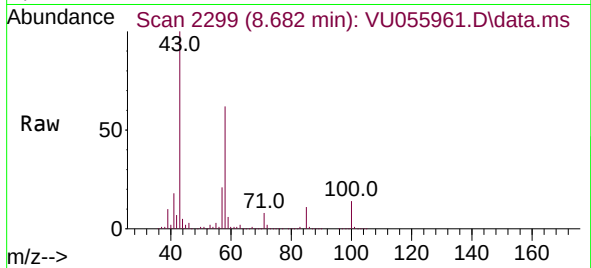




#48
2-Hexanone
Concen: 44.220 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055961.D
Acq: 28 Oct 2023 09:12

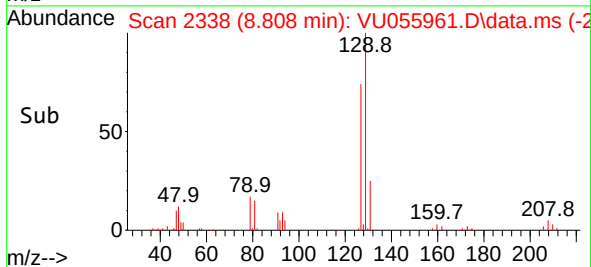
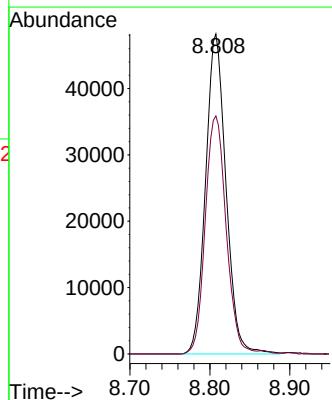
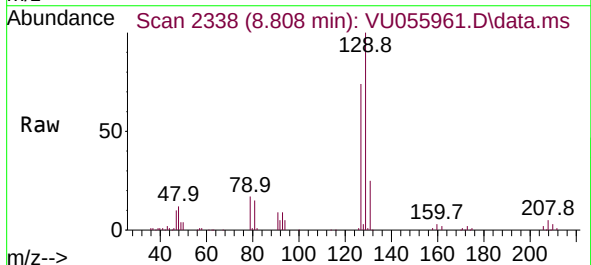
Instrument :
MSVOA_U
ClientSampleId :

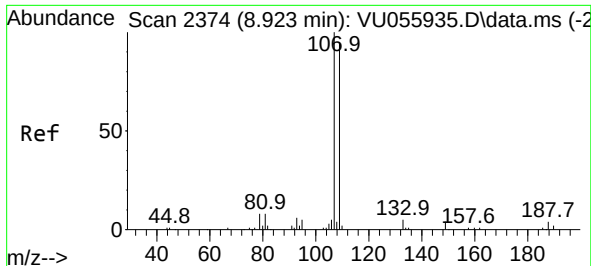
Tgt Ion: 43 Resp: 369028
Ion Ratio Lower Upper
43 100
58 61.6 49.5 74.3
57 21.3 16.9 25.3
100 13.5 9.7 14.5



#49
Dibromochloromethane
Concen: 5.035 ug/L
RT: 8.808 min Scan# 2338
Delta R.T. 0.003 min
Lab File: VU055961.D
Acq: 28 Oct 2023 09:12

Tgt Ion:129 Resp: 85565
Ion Ratio Lower Upper
129 100
127 74.4 53.5 99.5





#50

1,2-Dibromoethane

Concen: 4.770 ug/L

RT: 8.923 min Scan# 21

Delta R.T. 0.003 min

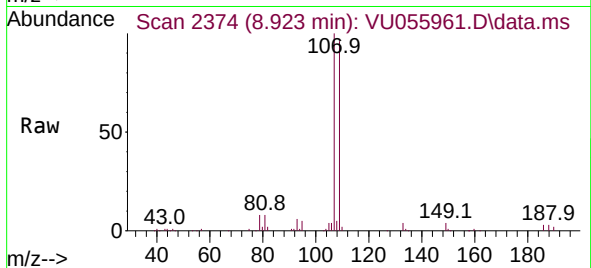
Lab File: VU055961.D

Acq: 28 Oct 2023 09:12

Instrument :

MSVOA_U

ClientSampleId :



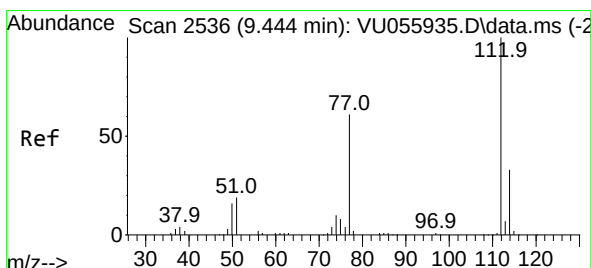
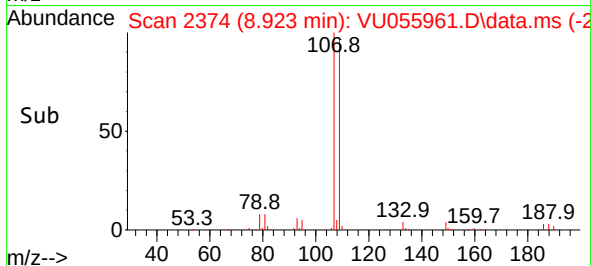
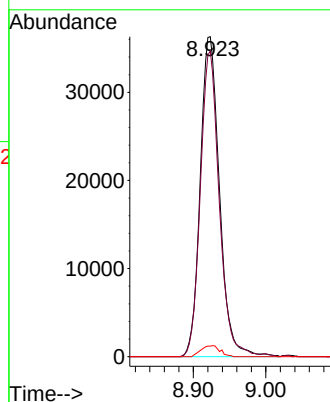
Tgt Ion:107 Resp: 67006

Ion Ratio Lower Upper

107 100

109 95.5 65.0 120.6

188 3.3 2.5 3.7



#51

Chlorobenzene

Concen: 4.802 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. 0.000 min

Lab File: VU055961.D

Acq: 28 Oct 2023 09:12

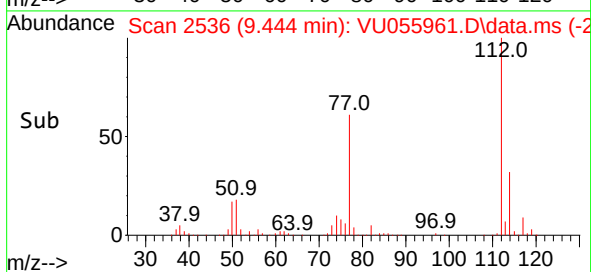
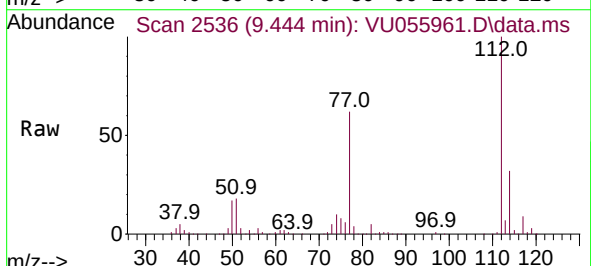
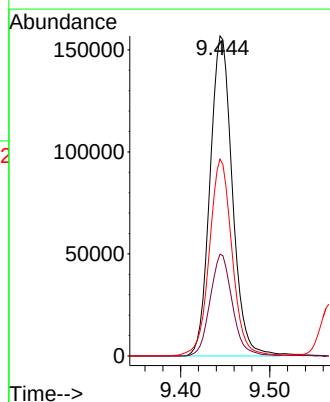
Tgt Ion:112 Resp: 272757

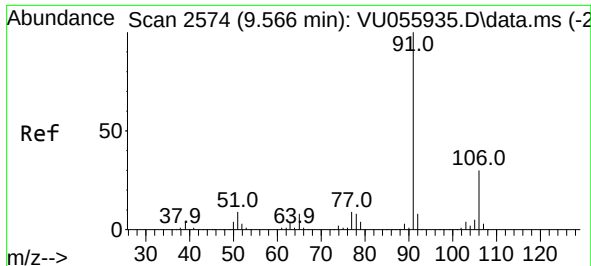
Ion Ratio Lower Upper

112 100

114 31.8 22.3 41.5

77 61.6 49.9 74.9

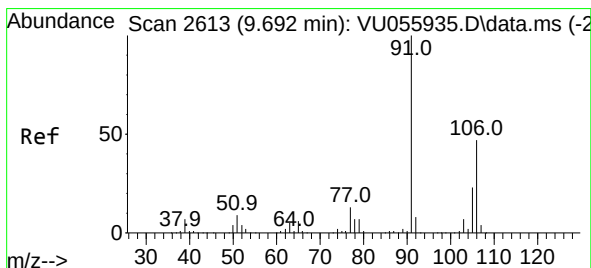
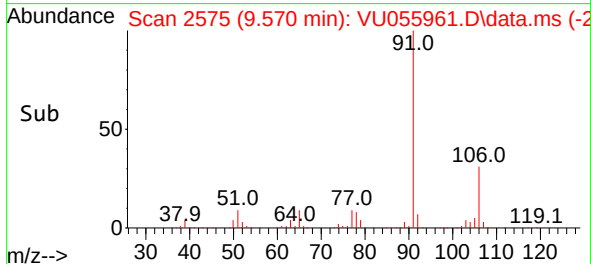
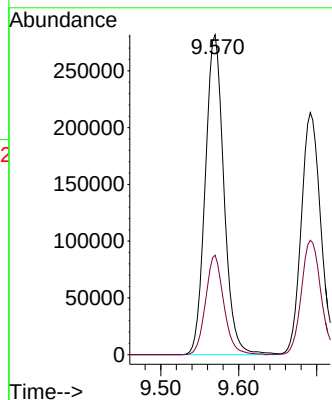
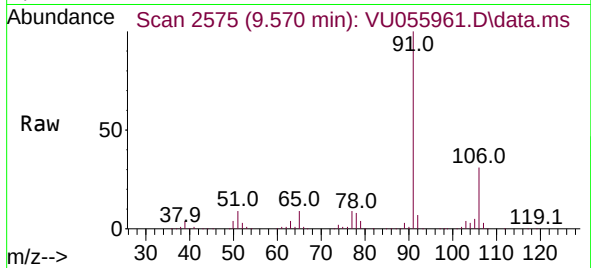




#52
Ethylbenzene
Concen: 4.766 ug/L
RT: 9.570 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055961.D
Acq: 28 Oct 2023 09:12

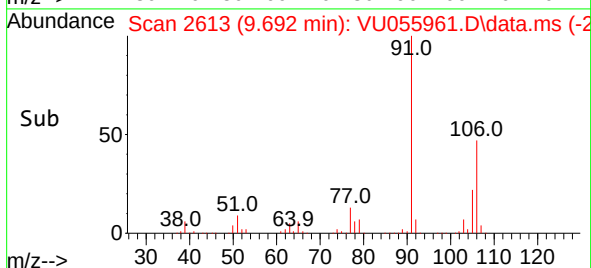
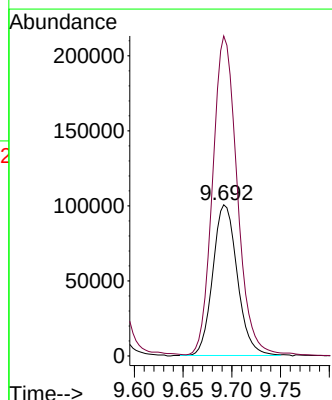
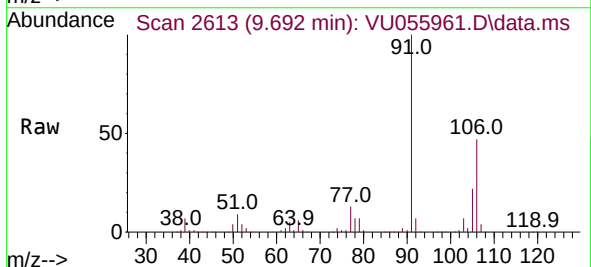
Instrument :
MSVOA_U
ClientSampleId :

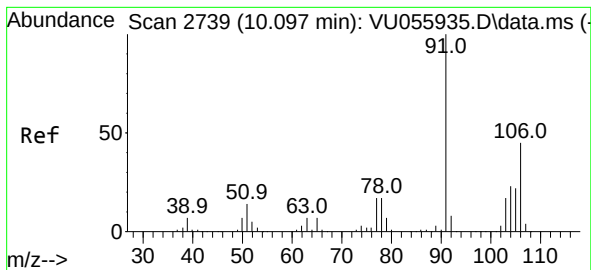
Tgt Ion: 91 Resp: 468227
Ion Ratio Lower Upper
91 100
106 31.1 21.3 39.5



#53
m,p-Xylene
Concen: 4.781 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU055961.D
Acq: 28 Oct 2023 09:12

Tgt Ion: 106 Resp: 175529
Ion Ratio Lower Upper
106 100
91 211.5 150.4 279.2





#54

o-Xylene

Concen: 4.762 ug/L

RT: 10.100 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU055961.D

Acq: 28 Oct 2023 09:12

Instrument :

MSVOA_U

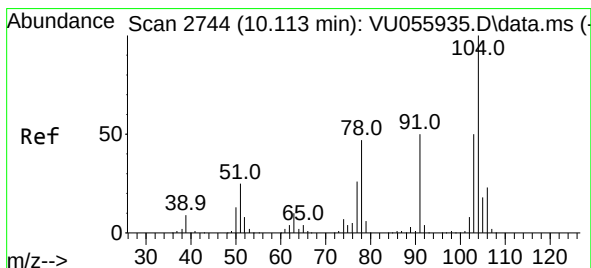
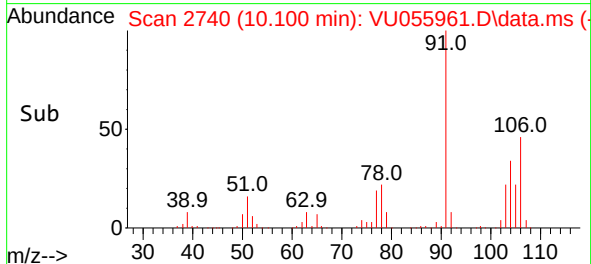
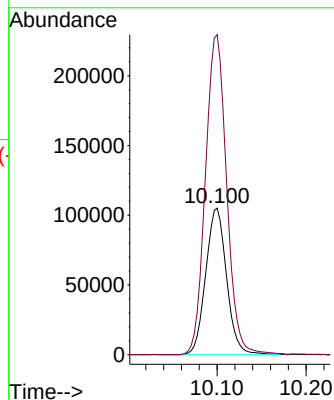
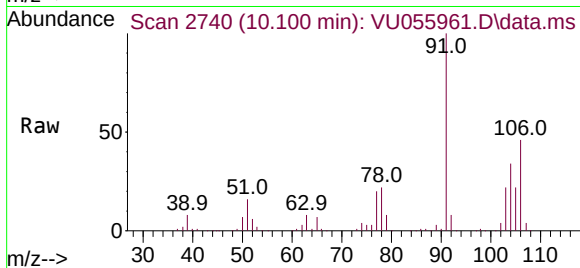
ClientSampleId :

Tgt Ion:106 Resp: 171067

Ion Ratio Lower Upper

106 100

91 218.4 154.6 287.2



#55

Styrene

Concen: 5.110 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. 0.003 min

Lab File: VU055961.D

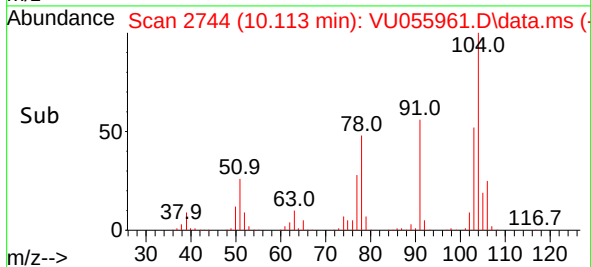
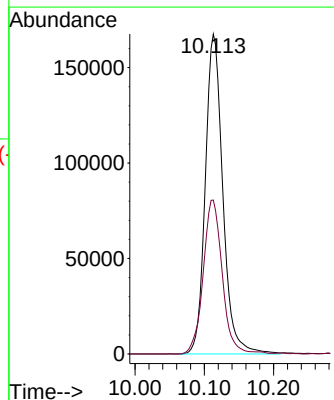
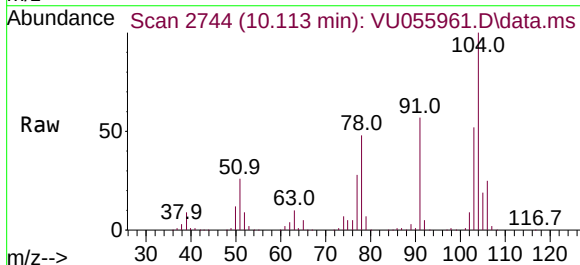
Acq: 28 Oct 2023 09:12

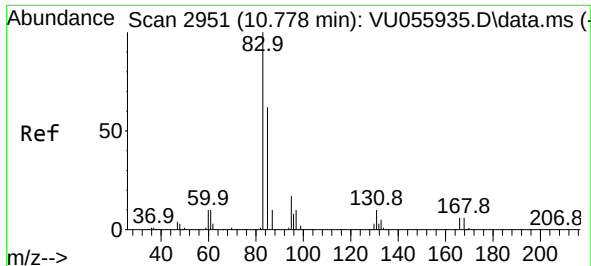
Tgt Ion:104 Resp: 294234

Ion Ratio Lower Upper

104 100

78 48.1 33.9 63.0

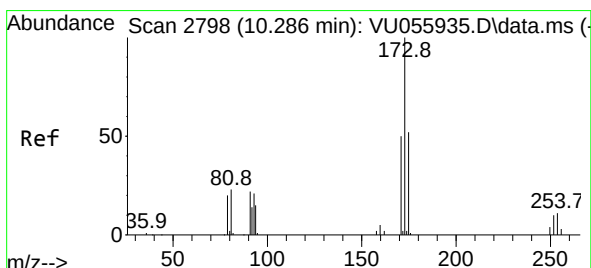
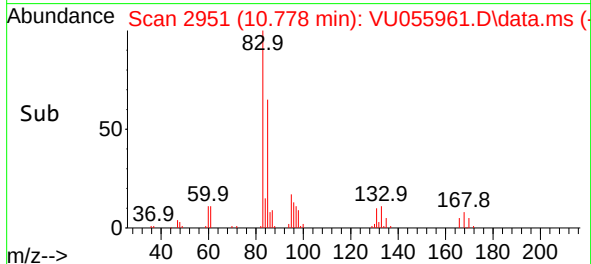
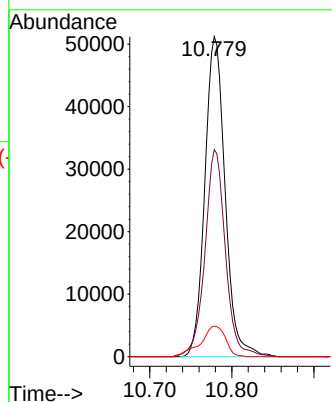
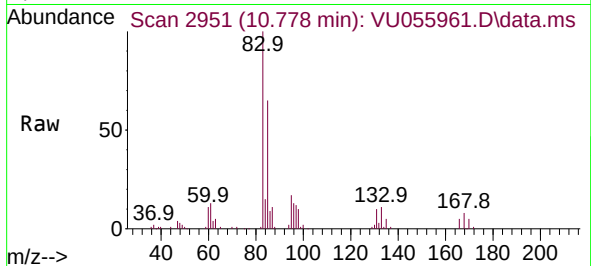




#57
1,1,2,2-Tetrachloroethane
Concen: 4.898 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU055961.D
Acq: 28 Oct 2023 09:12

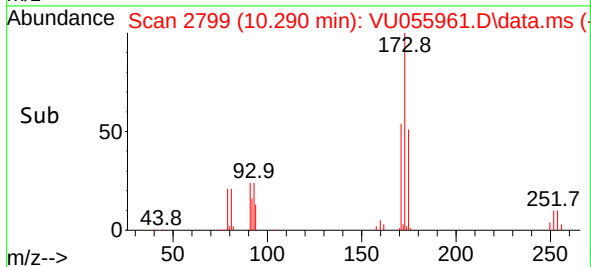
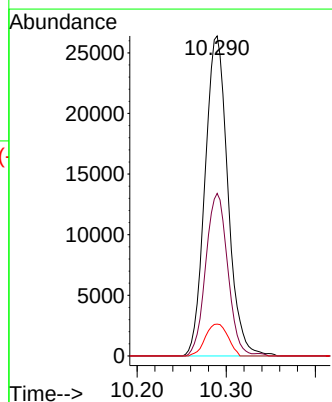
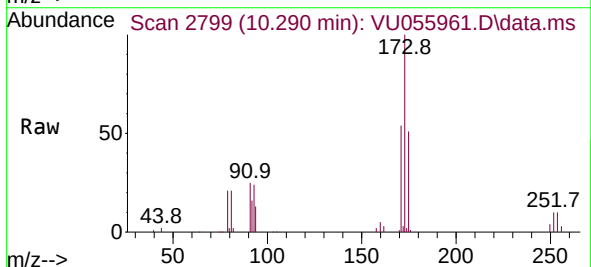
Instrument :
MSVOA_U
ClientSampleId :

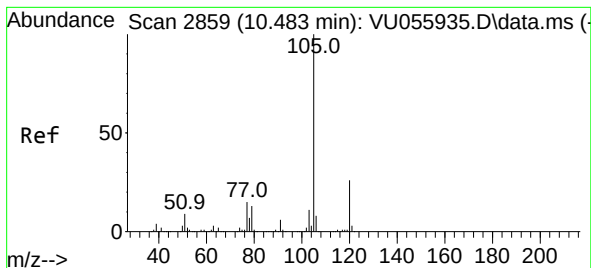
Tgt Ion: 83 Resp: 87774
Ion Ratio Lower Upper
83 100
85 64.7 46.2 85.8
131 9.5 7.2 10.8



#59
Bromoform
Concen: 4.685 ug/L
RT: 10.290 min Scan# 2799
Delta R.T. 0.003 min
Lab File: VU055961.D
Acq: 28 Oct 2023 09:12

Tgt Ion: 173 Resp: 46937
Ion Ratio Lower Upper
173 100
175 48.8 37.8 56.6
254 9.9 7.4 11.0





#60

Isopropylbenzene

Concen: 4.882 ug/L

RT: 10.483 min Scan# 2859

Delta R.T. 0.003 min

Lab File: VU055961.D

Acq: 28 Oct 2023 09:12

Instrument :

MSVOA_U

ClientSampleId :

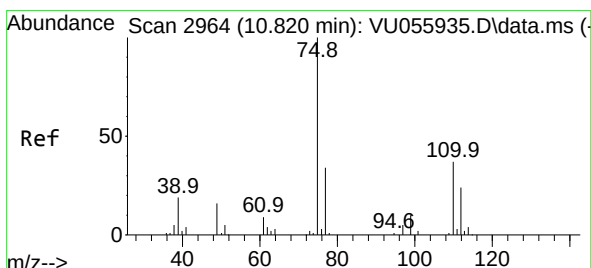
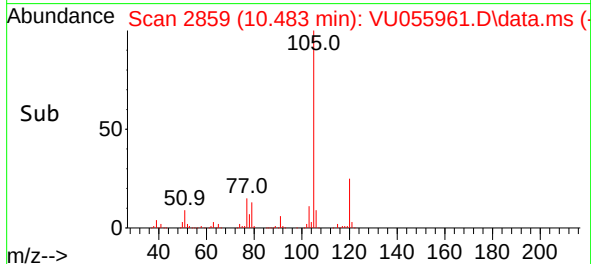
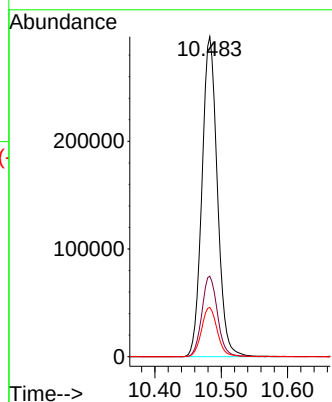
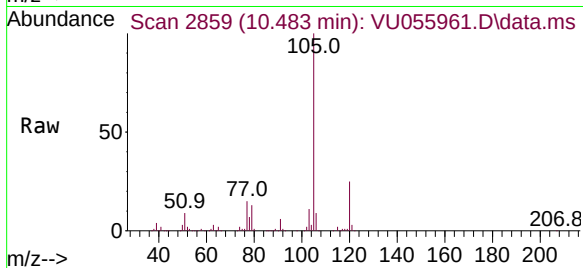
Tgt Ion:105 Resp: 479111

Ion Ratio Lower Upper

105 100

120 25.6 20.2 30.4

77 15.8 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 4.383 ug/L

RT: 10.820 min Scan# 2964

Delta R.T. 0.003 min

Lab File: VU055961.D

Acq: 28 Oct 2023 09:12

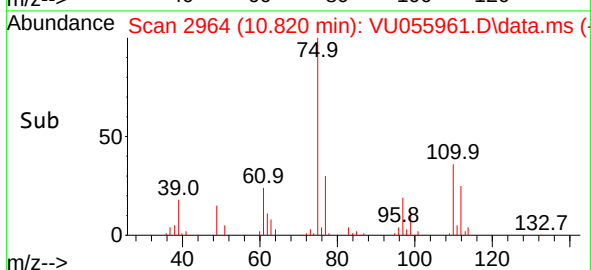
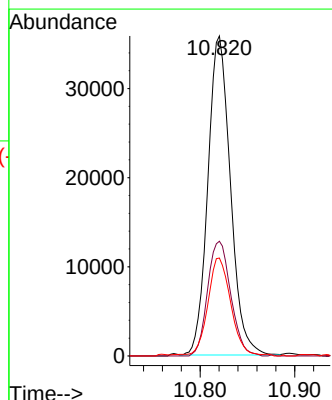
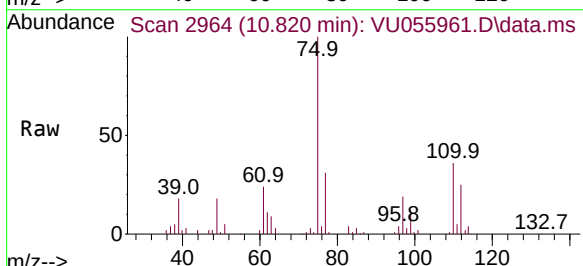
Tgt Ion: 75 Resp: 59257

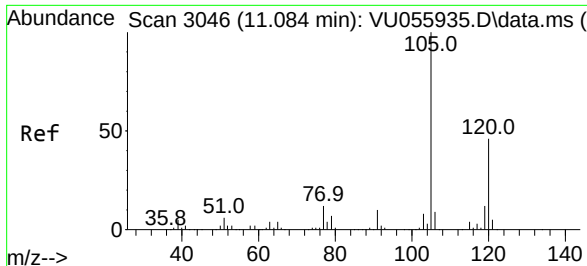
Ion Ratio Lower Upper

75 100

110 37.0 29.0 43.6

77 30.2 24.5 36.7

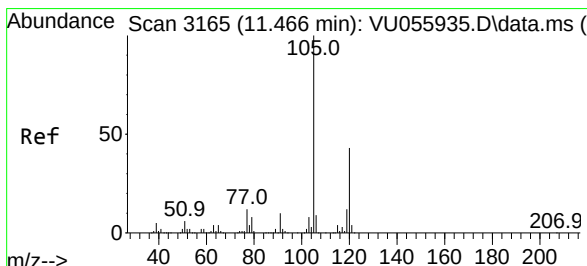
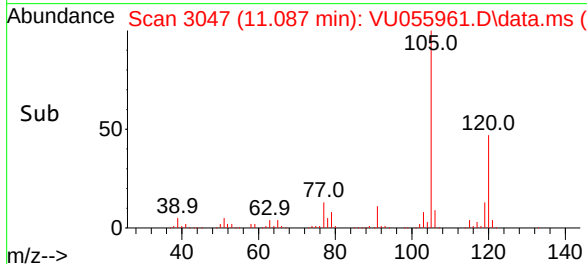
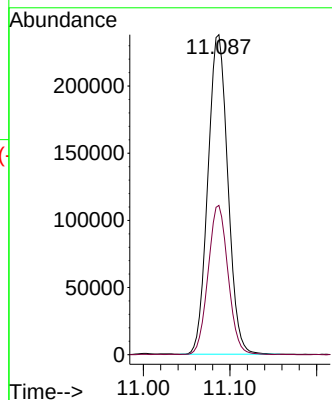
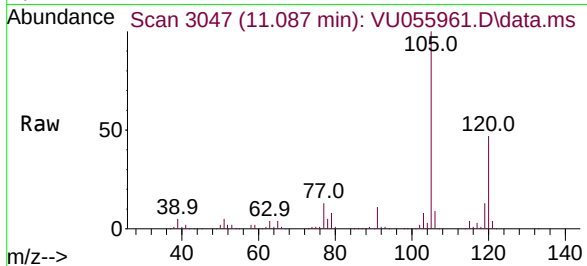




#62
 1,3,5-Trimethylbenzene
 Concen: 4.748 ug/L
 RT: 11.087 min Scan# 3046
 Delta R.T. 0.003 min
 Lab File: VU055961.D
 Acq: 28 Oct 2023 09:12

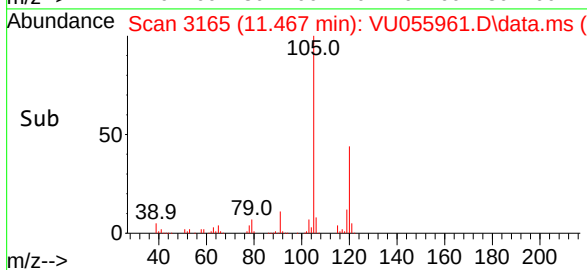
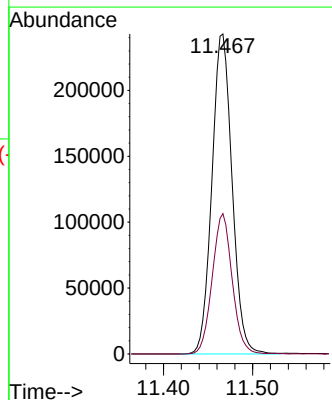
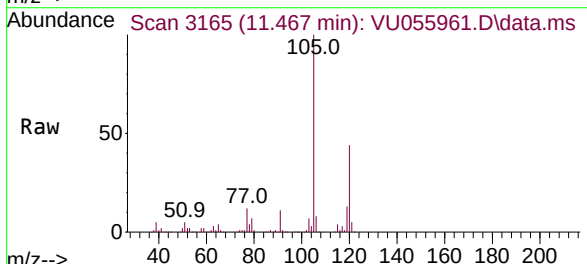
Instrument :
 MSVOA_U
 ClientSampleId :

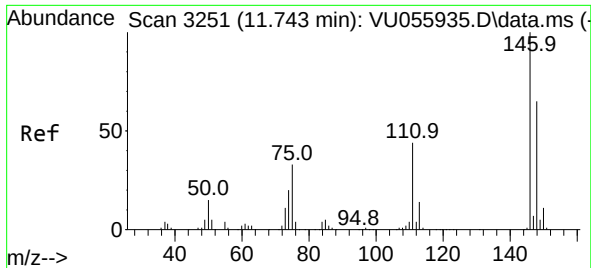
Tgt Ion:105 Resp: 380779
 Ion Ratio Lower Upper
 105 100
 120 46.5 37.4 56.2



#63
 1,2,4-Trimethylbenzene
 Concen: 5.128 ug/L
 RT: 11.467 min Scan# 3165
 Delta R.T. 0.003 min
 Lab File: VU055961.D
 Acq: 28 Oct 2023 09:12

Tgt Ion:105 Resp: 382038
 Ion Ratio Lower Upper
 105 100
 120 43.3 34.6 52.0

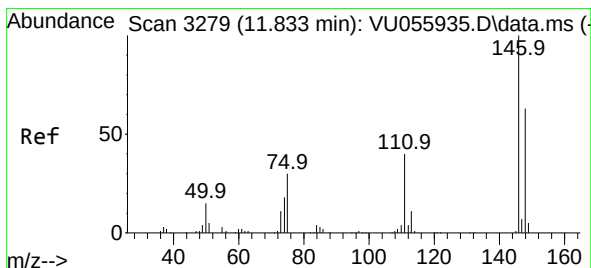
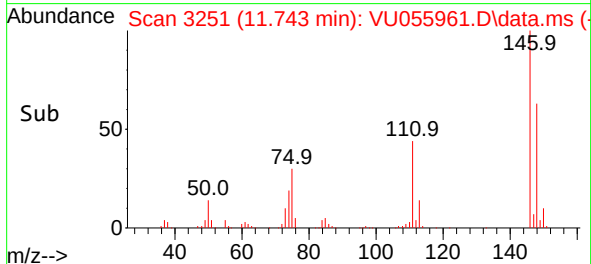
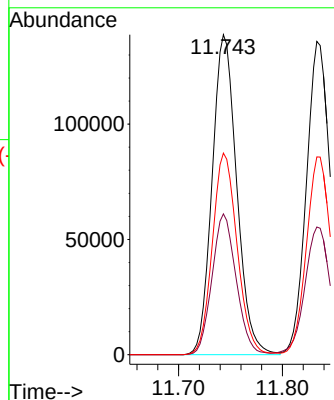
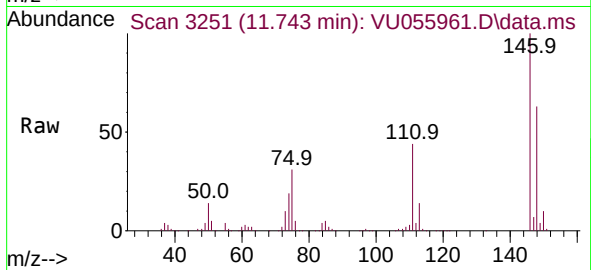




#64
1,3-Dichlorobenzene
Concen: 4.908 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. 0.003 min
Lab File: VU055961.D
Acq: 28 Oct 2023 09:12

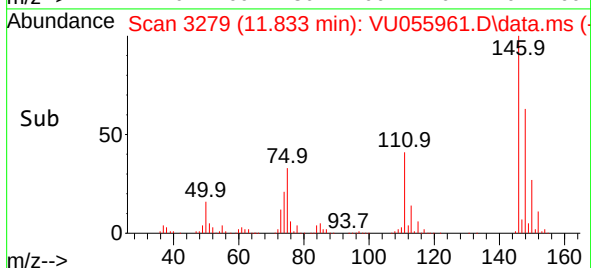
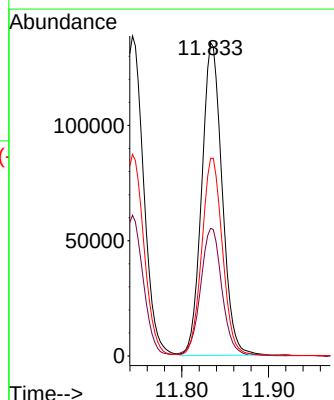
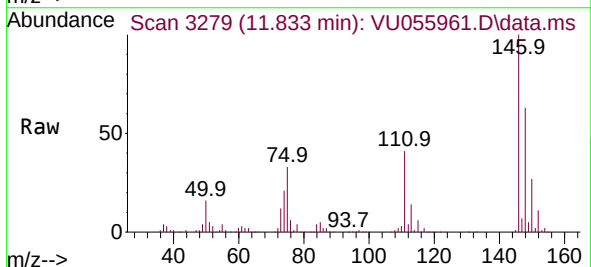
Instrument :
MSVOA_U
ClientSampleId :

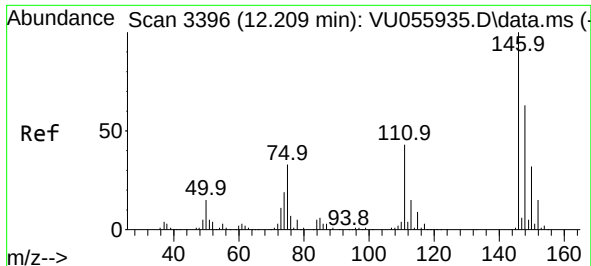
Tgt Ion:146 Resp: 228343
Ion Ratio Lower Upper
146 100
111 44.0 31.1 57.9
148 63.0 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 4.775 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU055961.D
Acq: 28 Oct 2023 09:12

Tgt Ion:146 Resp: 221706
Ion Ratio Lower Upper
146 100
111 40.7 29.3 54.3
148 63.1 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 4.782 ug/L

RT: 12.209 min Scan# 3396

Delta R.T. 0.000 min

Lab File: VU055961.D

Acq: 28 Oct 2023 09:12

Instrument :

MSVOA_U

ClientSampleId :

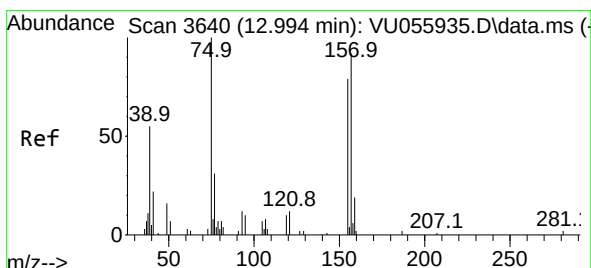
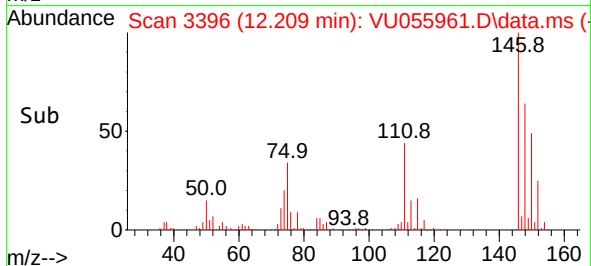
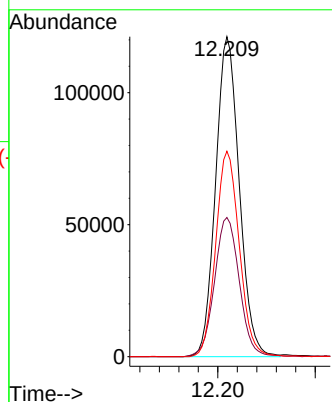
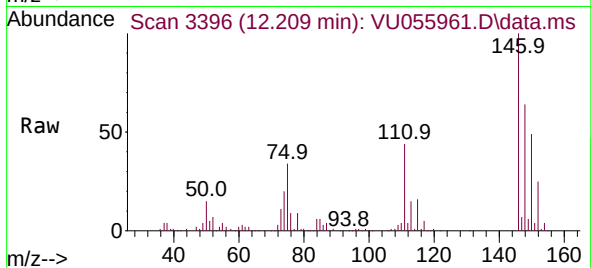
Tgt Ion:146 Resp: 204246

Ion Ratio Lower Upper

146 100

111 43.5 36.7 55.1

148 64.2 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.389 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.000 min

Lab File: VU055961.D

Acq: 28 Oct 2023 09:12

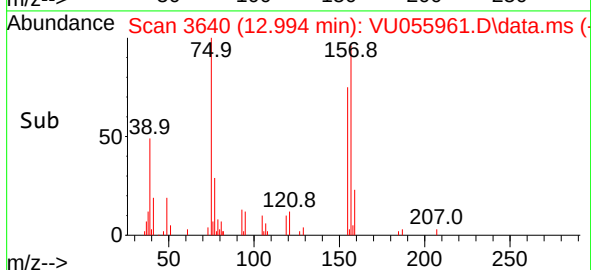
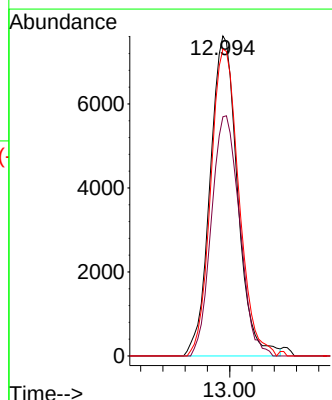
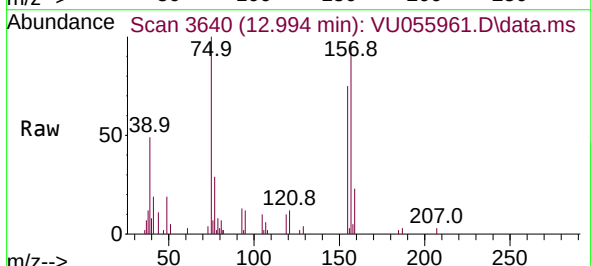
Tgt Ion: 75 Resp: 13002

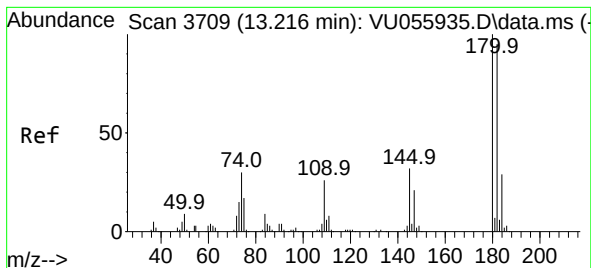
Ion Ratio Lower Upper

75 100

155 74.7 65.3 97.9

157 95.9 87.9 131.9





#69

1,3,5-Trichlorobenzene

Concen: 5.202 ug/L

RT: 13.216 min Scan# 31

Delta R.T. 0.000 min

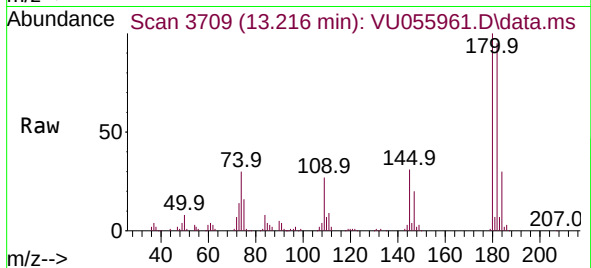
Lab File: VU055961.D

Acq: 28 Oct 2023 09:12

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 165378

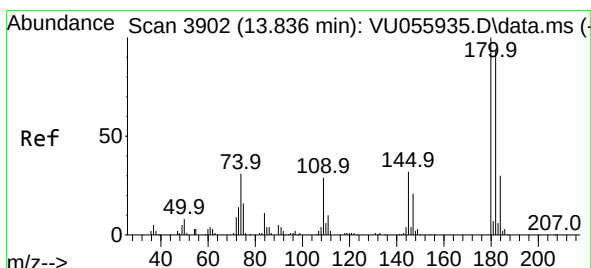
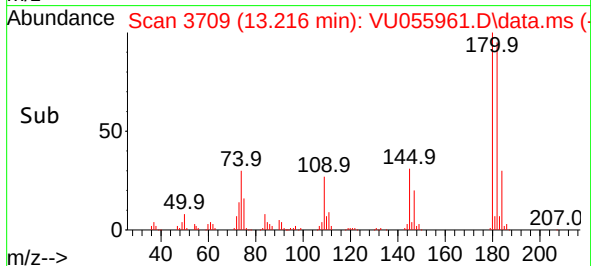
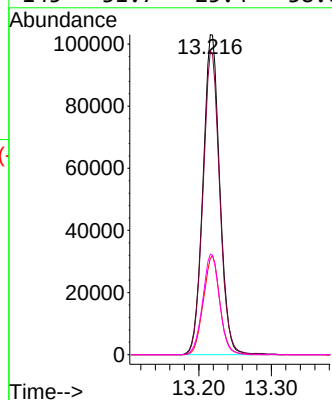
Ion Ratio Lower Upper

180 100

182 94.5 74.7 112.1

184 30.4 23.8 35.8

145 31.7 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 5.496 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU055961.D

Acq: 28 Oct 2023 09:12

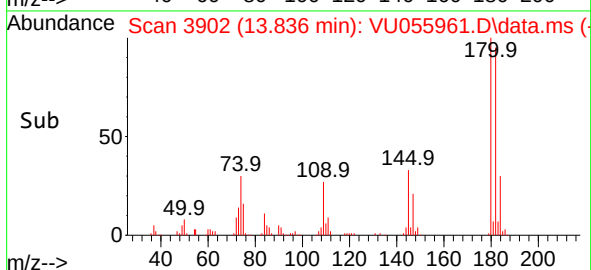
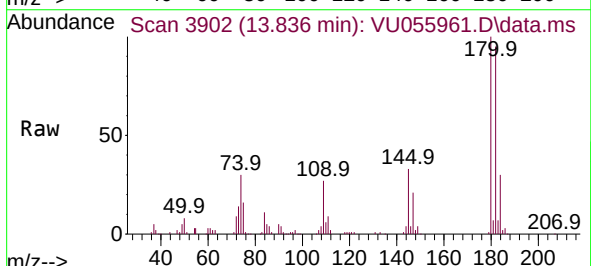
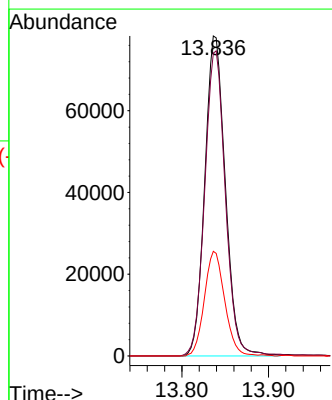
Tgt Ion:180 Resp: 129149

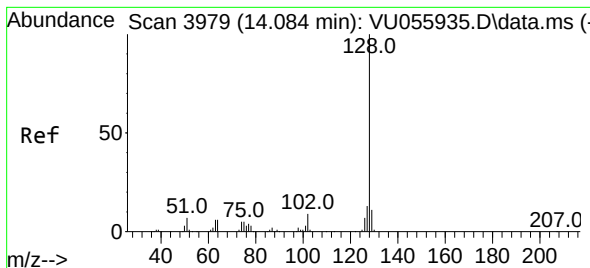
Ion Ratio Lower Upper

180 100

182 96.0 76.1 114.1

145 32.3 26.4 39.6





#71

Naphthalene

Concen: 5.101 ug/L

RT: 14.087 min Scan# 3979

Delta R.T. 0.003 min

Lab File: VU055961.D

Acq: 28 Oct 2023 09:12

Instrument :

MSVOA_U

ClientSampleId :

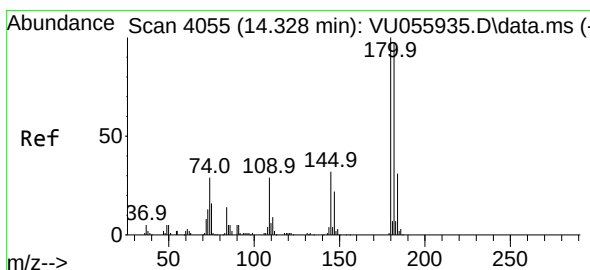
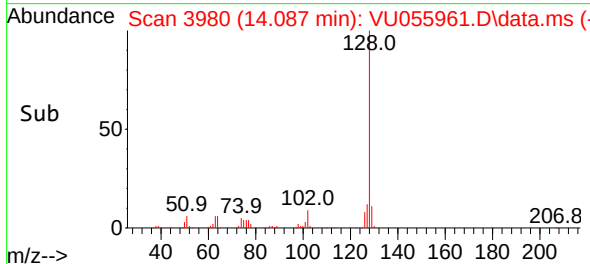
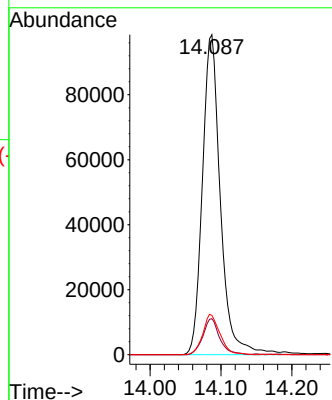
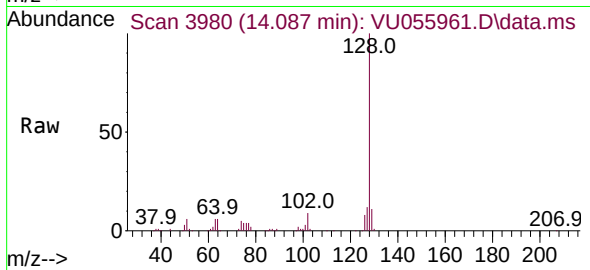
Tgt Ion:128 Resp: 173576

Ion Ratio Lower Upper

128 100

129 10.4 8.3 12.5

127 12.0 10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 5.373 ug/L

RT: 14.328 min Scan# 4055

Delta R.T. 0.003 min

Lab File: VU055961.D

Acq: 28 Oct 2023 09:12

Tgt Ion:180 Resp: 108839

Ion Ratio Lower Upper

180 100

182 93.7 74.6 112.0

145 34.3 27.4 41.2

