

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
 Data File : VU056722.D
 Acq On : 11 Dec 2023 10:40
 Operator : MD/SY
 Sample : VSTD00106
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 12 00:38:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 12 00:37:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	247302	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	251270	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	116490	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	21768	1.027	ug/L	0.00
7) Chloroethane-d5	1.911	69	17355	1.094	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	9022	0.995	ug/L	0.00
20) 2-Butanone-d5	4.634	46	38181	9.121	ug/L	0.02
24) Chloroform-d	5.062	84	41453	1.033	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.701	65	19557	1.030	ug/L	0.00
32) Benzene-d6	5.724	84	77758	0.998	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.689	67	25708	1.054	ug/L	0.00
41) Toluene-d8	7.897	98	68784	0.987	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.184	79	9030	0.955	ug/L	0.00
46) 2-Hexanone-d5	8.631	63	28577	8.085	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	17310	0.981	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	23032	1.006	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	26197	1.011	ug/L	96
3) Chloromethane	1.518	50	26682	1.047	ug/L	97
5) Vinyl chloride	1.602	62	25742	1.017	ug/L	89
6) Bromomethane	1.856	94	16053	1.076	ug/L	99
8) Chloroethane	1.933	64	15682	1.058	ug/L	94
9) Trichlorofluoromethane	2.139	101	36114	1.013	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	23117	1.057	ug/L	96
12) 1,1-Dichloroethene	2.576	96	20649	1.028	ug/L	90
13) Acetone	2.631	43	25250	9.897	ug/L	97
14) Carbon disulfide	2.792	76	71357	1.024	ug/L	98
15) Methyl Acetate	2.962	43	6798	0.978	ug/L	91
16) Methylene chloride	3.042	84	22069	1.009	ug/L	97
17) Methyl tert-butyl Ether	3.361	73	42835	0.962	ug/L	# 96
18) trans-1,2-Dichloroethene	3.354	96	20927	1.028	ug/L	97
19) 1,1-Dichloroethane	3.865	63	40996	1.047	ug/L	99
21) 2-Butanone	4.711	43	35901	8.745	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	22607	1.021	ug/L	97
23) Bromochloromethane	4.972	128	9478	1.022	ug/L	97
25) Chloroform	5.084	83	41254	1.006	ug/L	99
27) 1,2-Dichloroethane	5.791	62	24610	1.014	ug/L	100
29) 1,1,1-Trichloroethane	5.312	97	36431	1.003	ug/L	97
30) Cyclohexane	5.383	56	32107	0.942	ug/L	98
31) Carbon tetrachloride	5.525	117	31635	1.002	ug/L	100
33) Benzene	5.772	78	89094	1.009	ug/L	100
34) Trichloroethene	6.537	95	24088	0.994	ug/L	98
35) Methylcyclohexane	6.756	83	32412	0.907	ug/L	98
37) 1,2-Dichloropropane	6.788	63	21762	0.963	ug/L	99
38) Bromodichloromethane	7.100	83	29161	1.012	ug/L	96
39) cis-1,3-Dichloropropene	7.605	75	30536	0.927	ug/L	97
40) 4-Methyl-2-pentanone	7.788	43	96879	9.032	ug/L	97
42) Toluene	7.968	91	89368	0.978	ug/L	99
44) trans-1,3-Dichloropropene	8.209	75	25668	0.951	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
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 Sample : VSTD00106
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

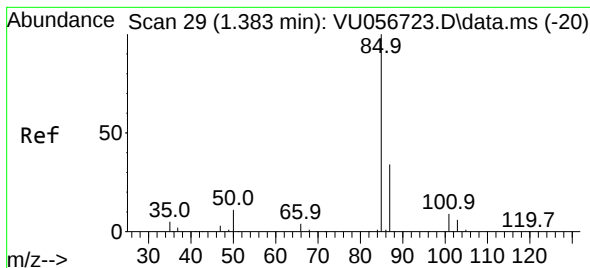
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 12 00:38:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 12 00:37:02 2023
 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	8.399	97	15526	1.017	ug/L	97
47) Tetrachloroethene	8.550	164	17164	1.012	ug/L	91
48) 2-Hexanone	8.685	43	65268	8.543	ug/L	97
49) Dibromochloromethane	8.804	129	17738	1.010	ug/L	96
50) 1,2-Dibromoethane	8.920	107	13954	0.985	ug/L	94
51) Chlorobenzene	9.444	112	57559	0.988	ug/L	95
52) Ethylbenzene	9.569	91	94012	0.933	ug/L	99
53) m,p-Xylene	9.692	106	34305	0.914	ug/L	95
54) o-Xylene	10.097	106	33519	0.937	ug/L	93
55) Styrene	10.116	104	48226	0.821	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	17306	0.938	ug/L	95
59) Bromoform	10.290	173	9682	1.018	ug/L	96
60) Isopropylbenzene	10.479	105	86076	0.935	ug/L	100
61) 1,2,3-Trichloropropane	10.820	75	12719	1.017	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	67337	0.895	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	65750	0.880	ug/L	97
64) 1,3-Dichlorobenzene	11.743	146	42765	0.982	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	42879	1.000	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	40306	1.016	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.994	75	2590	1.037	ug/L	85
69) 1,3,5-Trichlorobenzene	13.216	180	31110	0.946	ug/L	99
70) 1,2,4-trichlorobenzene	13.839	180	23637	0.907	ug/L	99
71) Naphthalene	14.087	128	29451	0.773	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	19086	0.863	ug/L	99

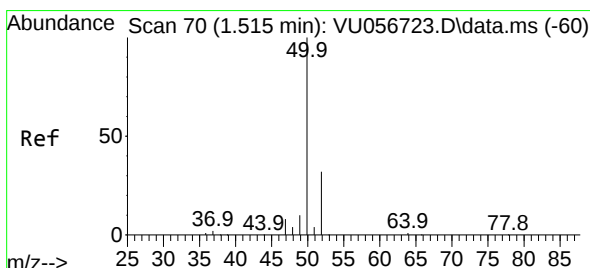
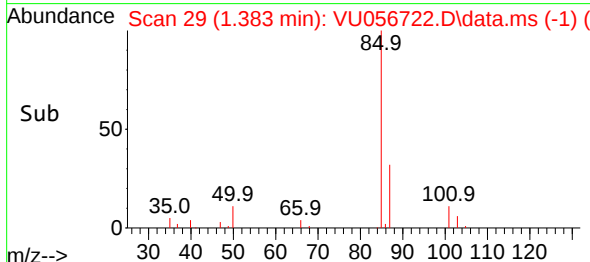
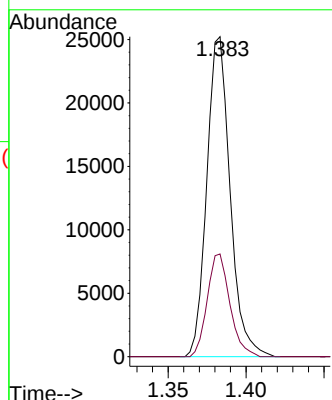
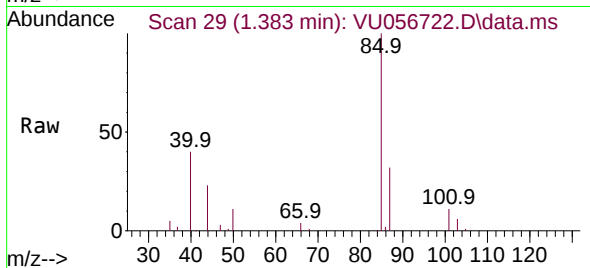
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 1.011 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU056722.D
 Acq: 11 Dec 2023 10:40

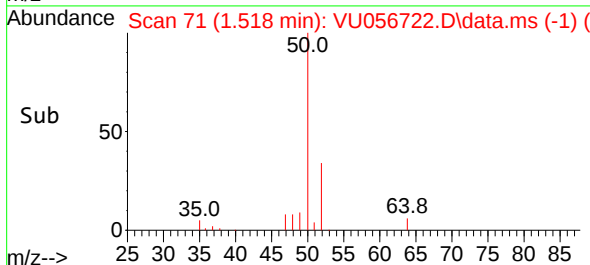
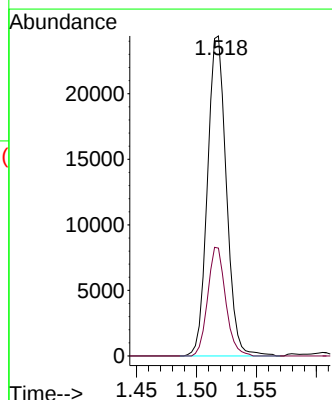
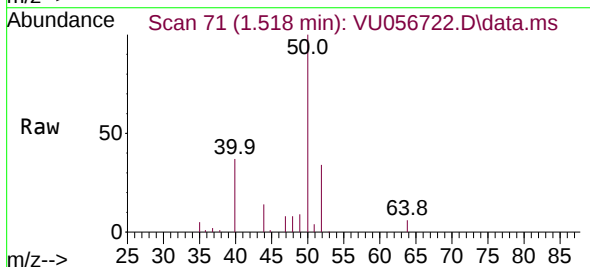
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 ClientSampleId :

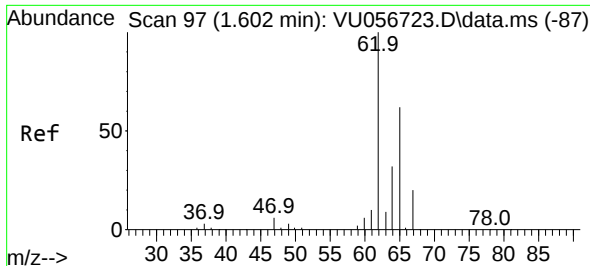
Tgt Ion: 85 Resp: 26197
 Ion Ratio Lower Upper
 85 100
 87 31.1 26.8 40.2



#3
 Chloromethane
 Concen: 1.047 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU056722.D
 Acq: 11 Dec 2023 10:40

Tgt Ion: 50 Resp: 26682
 Ion Ratio Lower Upper
 50 100
 52 33.7 22.5 41.7

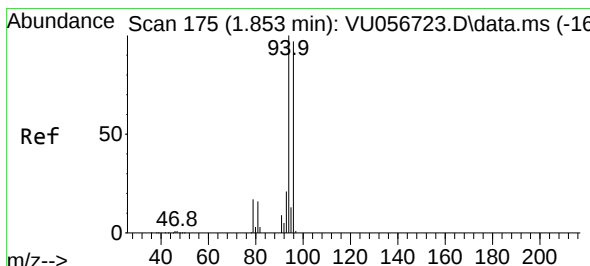
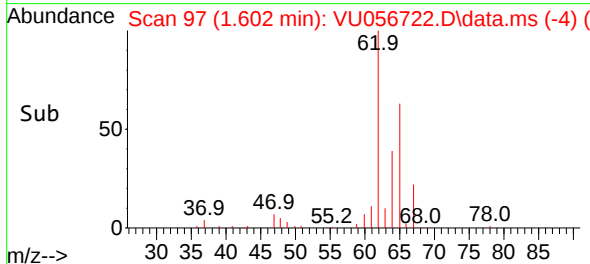
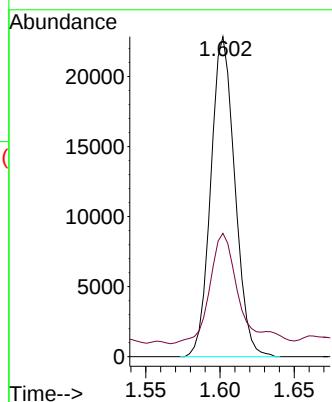
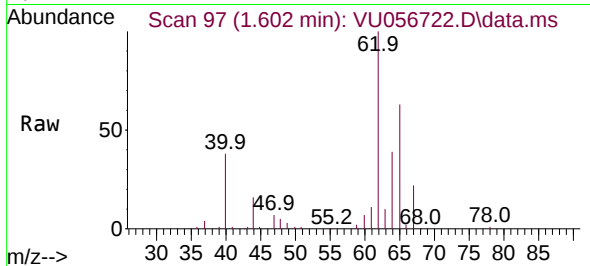




#5
 Vinyl chloride
 Concen: 1.017 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU056722.D
 Acq: 11 Dec 2023 10:40

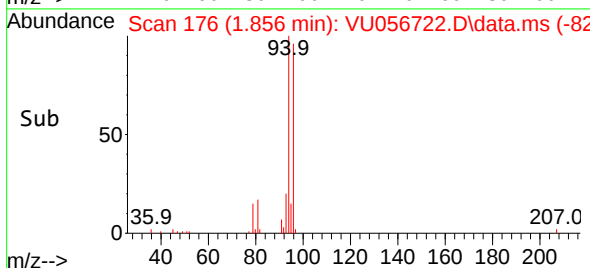
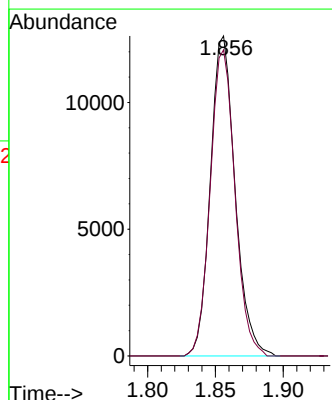
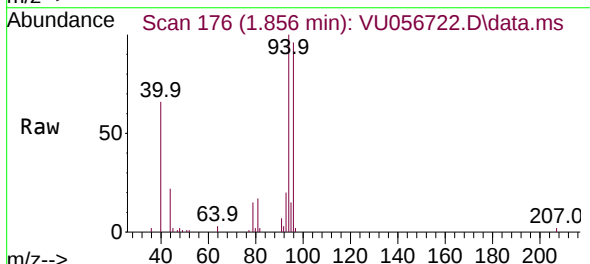
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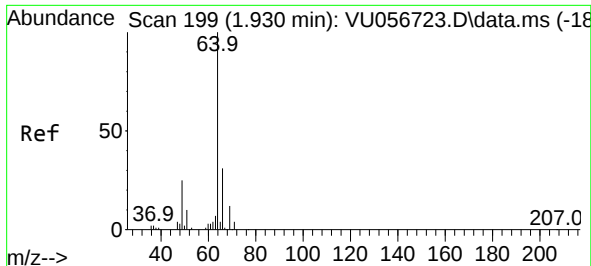
Tgt Ion: 62 Resp: 25742
 Ion Ratio Lower Upper
 62 100
 64 38.5 22.8 42.4



#6
 Bromomethane
 Concen: 1.076 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. 0.003 min
 Lab File: VU056722.D
 Acq: 11 Dec 2023 10:40

Tgt Ion: 94 Resp: 16053
 Ion Ratio Lower Upper
 94 100
 96 95.7 67.8 125.8

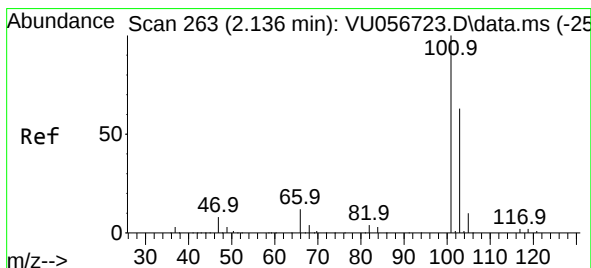
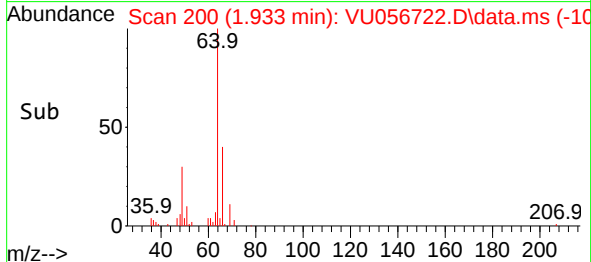
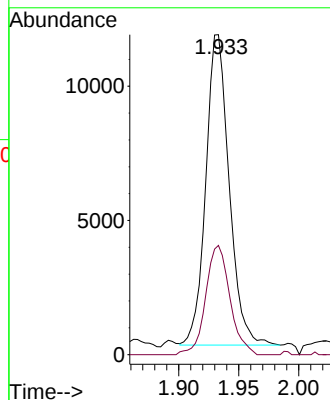
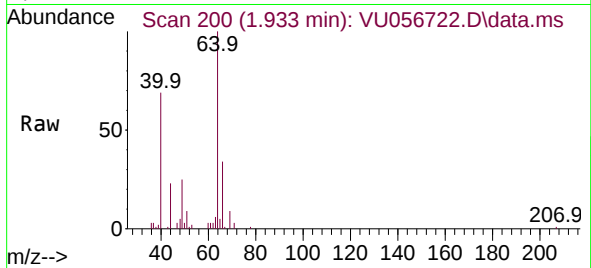




#8
Chloroethane
Concen: 1.058 ug/L
RT: 1.933 min Scan# 20
Delta R.T. 0.003 min
Lab File: VU056722.D
Acq: 11 Dec 2023 10:40

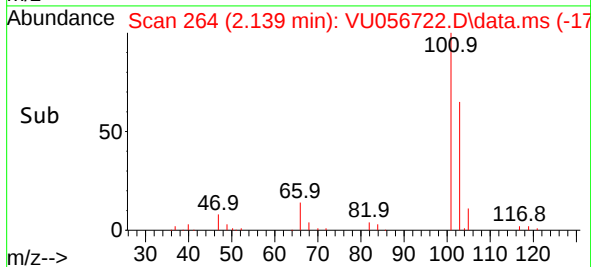
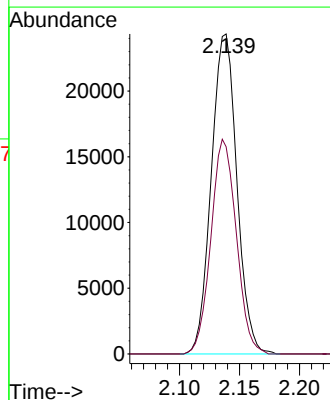
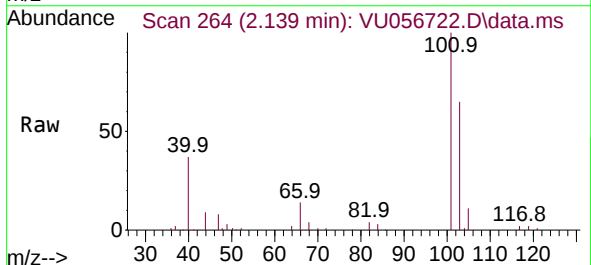
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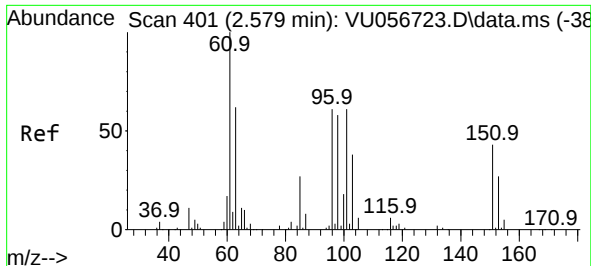
Tgt Ion: 64 Resp: 15682
Ion Ratio Lower Upper
64 100
66 34.1 21.4 39.8



#9
Trichlorofluoromethane
Concen: 1.013 ug/L
RT: 2.139 min Scan# 264
Delta R.T. 0.003 min
Lab File: VU056722.D
Acq: 11 Dec 2023 10:40

Tgt Ion:101 Resp: 36114
Ion Ratio Lower Upper
101 100
103 66.6 51.4 77.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.057 ug/L

RT: 2.579 min Scan# 401

Delta R.T. -0.000 min

Lab File: VU056722.D

Acq: 11 Dec 2023 10:40

Instrument :

MSVOA_U

ClientSampleId :

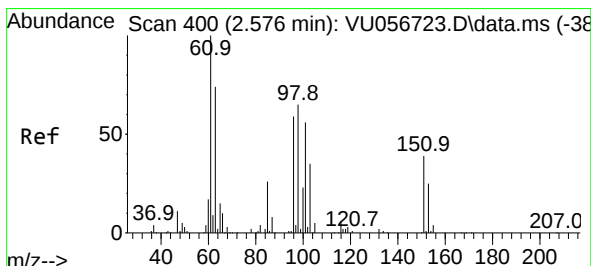
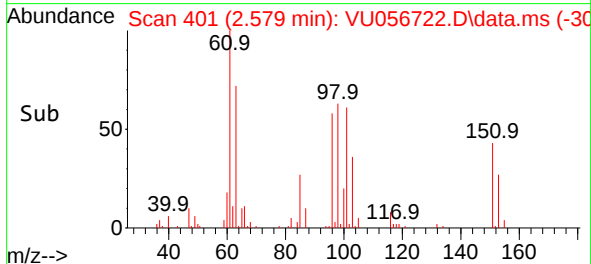
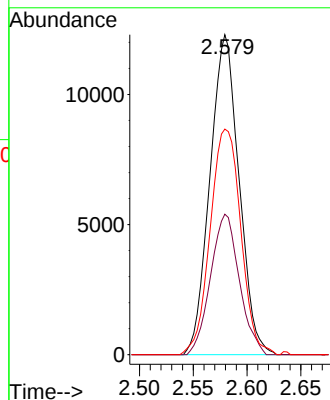
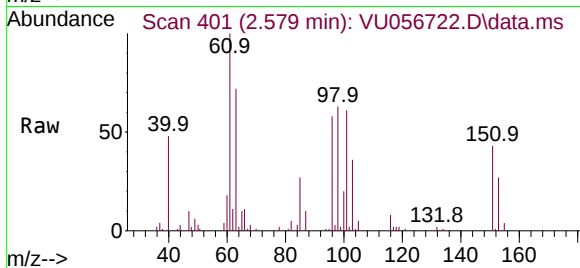
Tgt Ion:101 Resp: 23117

Ion Ratio Lower Upper

101 100

85 43.4 35.2 52.8

151 74.3 56.0 84.0



#12

1,1-Dichloroethene

Concen: 1.028 ug/L

RT: 2.576 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU056722.D

Acq: 11 Dec 2023 10:40

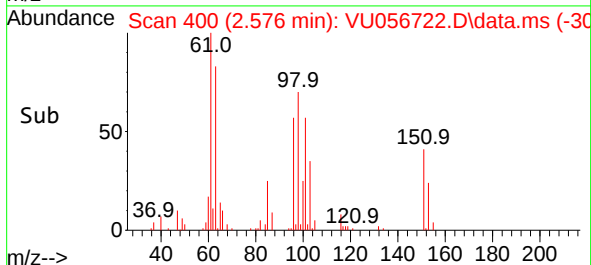
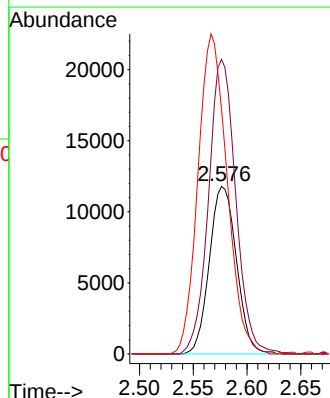
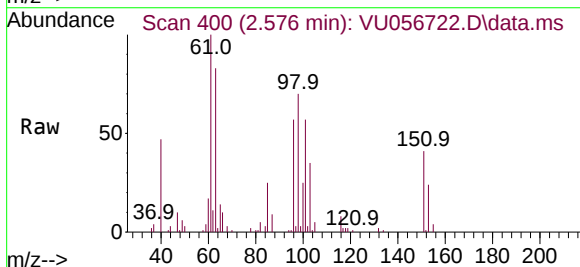
Tgt Ion: 96 Resp: 20649

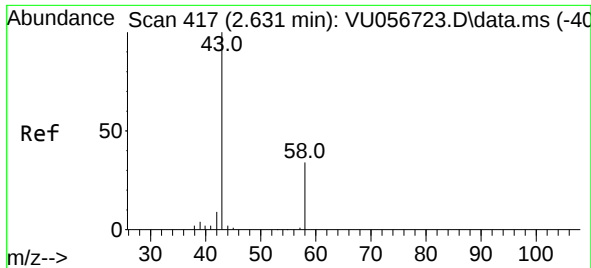
Ion Ratio Lower Upper

96 100

61 175.8 119.0 221.0

63 146.5 88.7 164.7





#13

Acetone

Concen: 9.897 ug/L

RT: 2.631 min Scan# 417

Delta R.T. -0.000 min

Lab File: VU056722.D

Acq: 11 Dec 2023 10:40

Instrument :

MSVOA_U

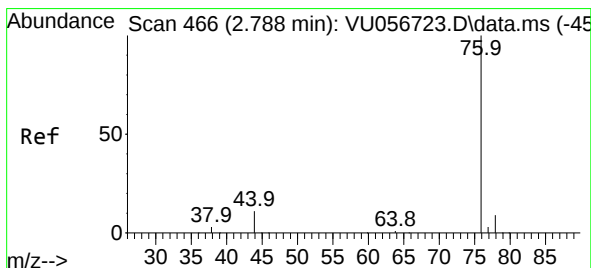
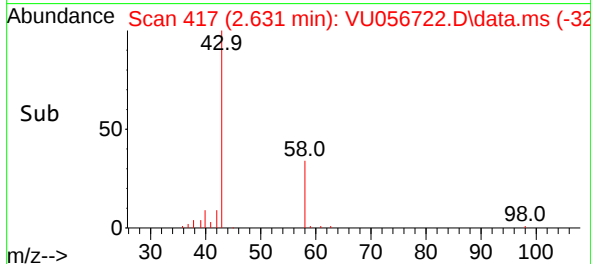
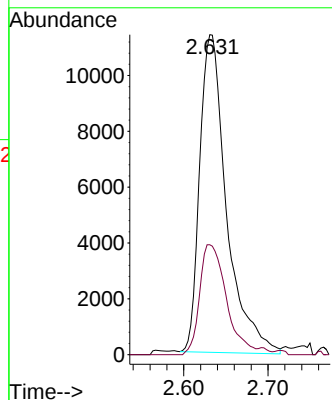
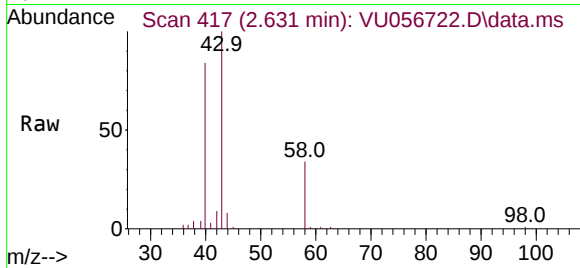
ClientSampleId :

Tgt Ion: 43 Resp: 25250

Ion Ratio Lower Upper

43 100

58 34.3 0.0 72.6



#14

Carbon disulfide

Concen: 1.024 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.003 min

Lab File: VU056722.D

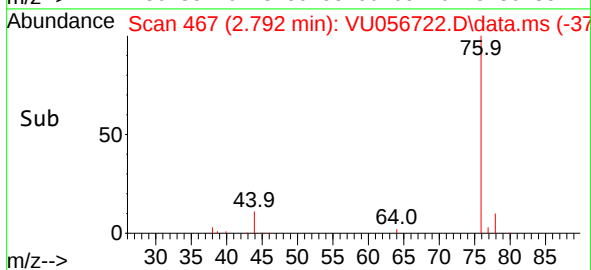
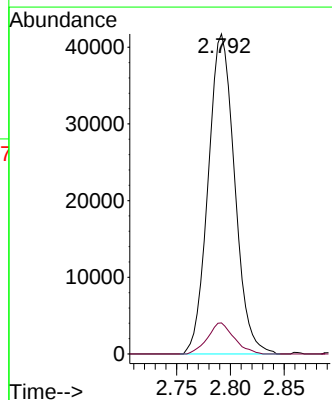
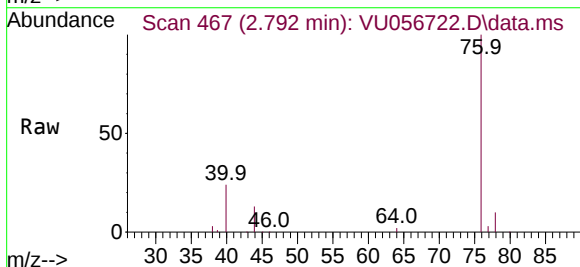
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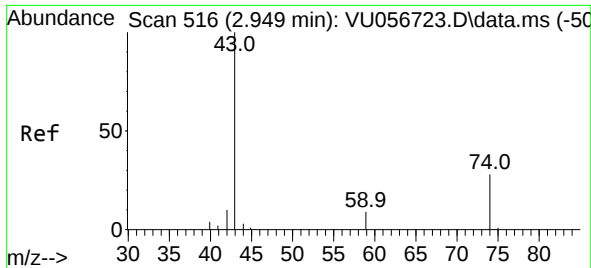
Tgt Ion: 76 Resp: 71357

Ion Ratio Lower Upper

76 100

78 9.7 7.3 10.9

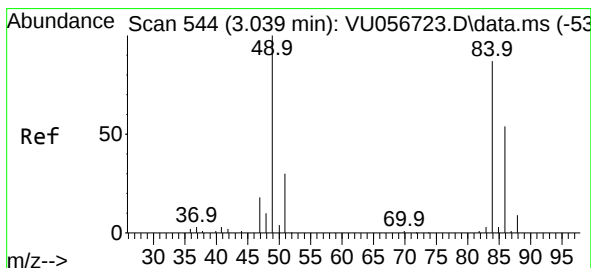
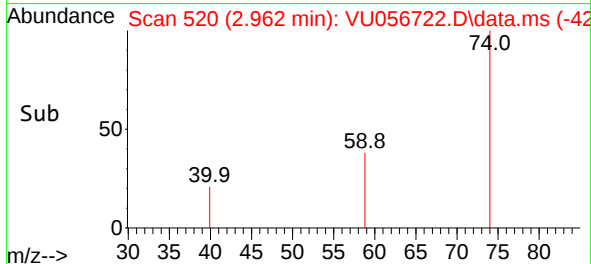
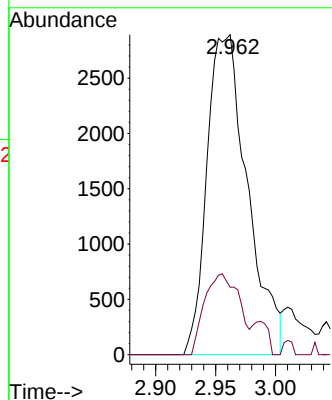
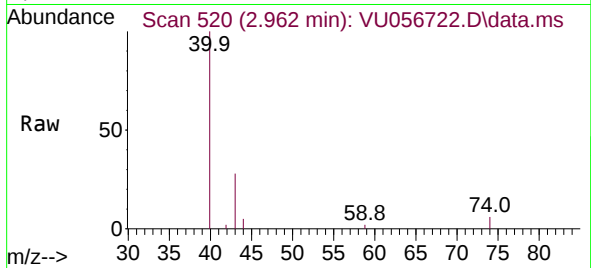




#15
Methyl Acetate
Concen: 0.978 ug/L
RT: 2.962 min Scan# 516
Delta R.T. 0.013 min
Lab File: VU056722.D
Acq: 11 Dec 2023 10:40

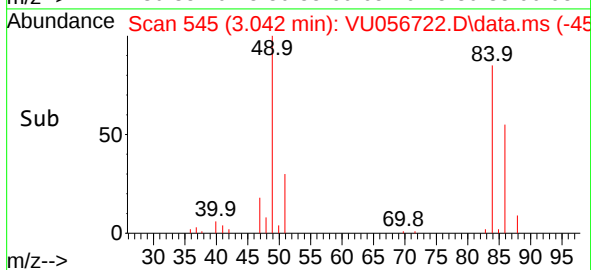
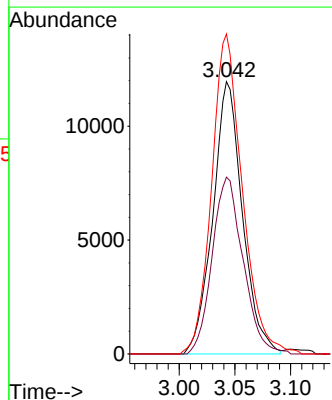
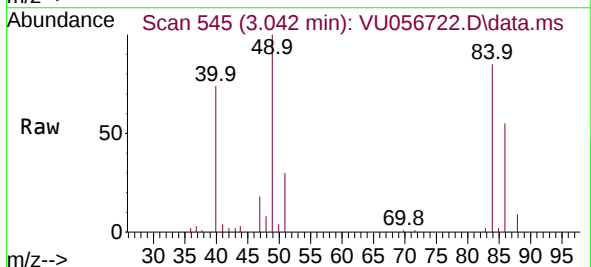
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ClientSampleId :

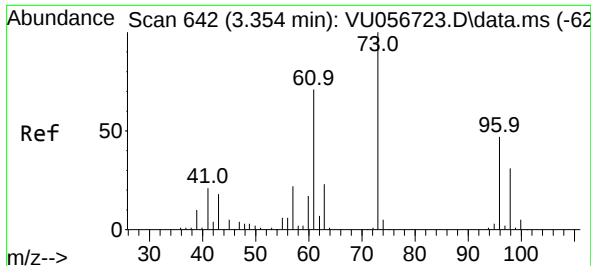
Tgt Ion: 43 Resp: 6798
Ion Ratio Lower Upper
43 100
74 21.6 21.0 31.6



#16
Methylene chloride
Concen: 1.009 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.003 min
Lab File: VU056722.D
Acq: 11 Dec 2023 10:40

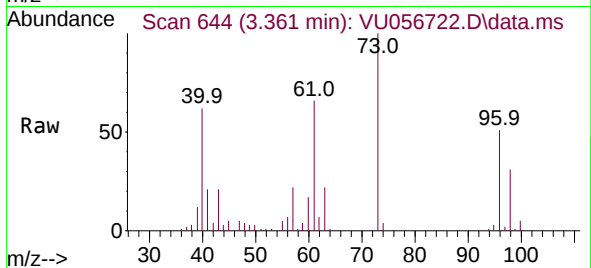
Tgt Ion: 84 Resp: 22069
Ion Ratio Lower Upper
84 100
86 64.9 43.6 81.0
49 117.5 80.6 149.6



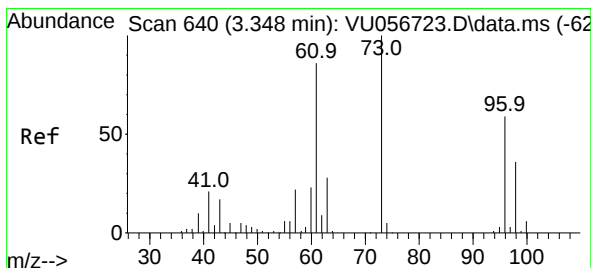
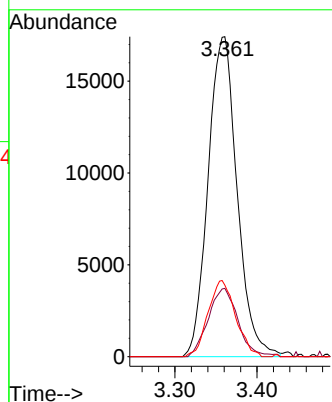
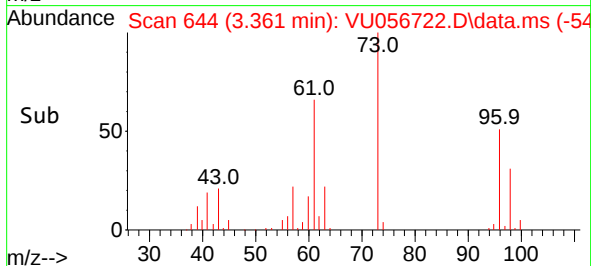


#17
Methyl tert-butyl Ether
Concen: 0.962 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.006 min
Lab File: VU056722.D
Acq: 11 Dec 2023 10:40

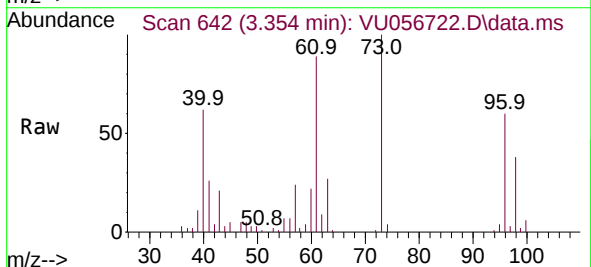
Instrument :
MSVOA_U
ClientSampleId :



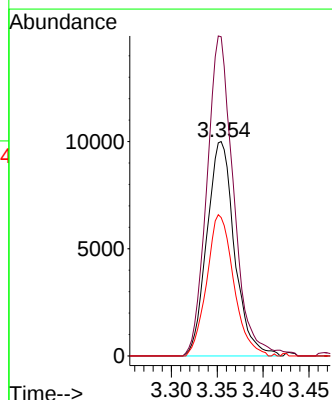
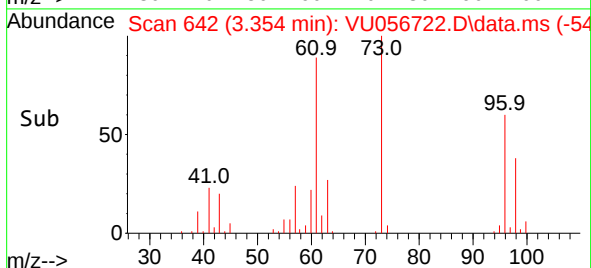
Tgt Ion: 73 Resp: 42835
Ion Ratio Lower Upper
73 100
43 21.8 14.4 21.6#
57 22.6 17.8 26.8

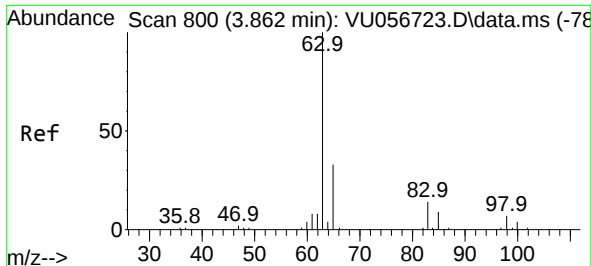


#18
trans-1,2-Dichloroethene
Concen: 1.028 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.006 min
Lab File: VU056722.D
Acq: 11 Dec 2023 10:40



Tgt Ion: 96 Resp: 20927
Ion Ratio Lower Upper
96 100
61 148.9 101.8 189.0
98 64.6 43.0 79.8





#19

1,1-Dichloroethane

Concen: 1.047 ug/L

RT: 3.865 min Scan# 80

Delta R.T. 0.003 min

Lab File: VU056722.D

Acq: 11 Dec 2023 10:40

Instrument :

MSVOA_U

ClientSampleId :

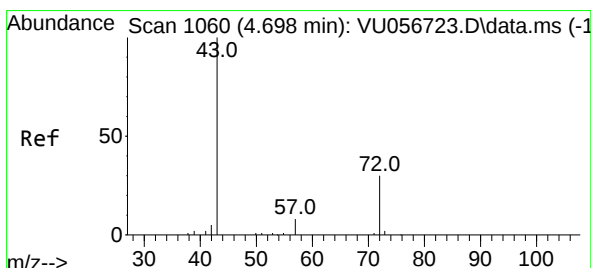
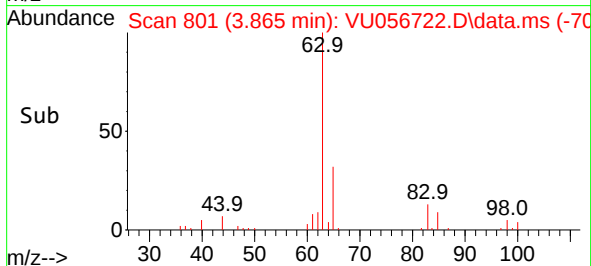
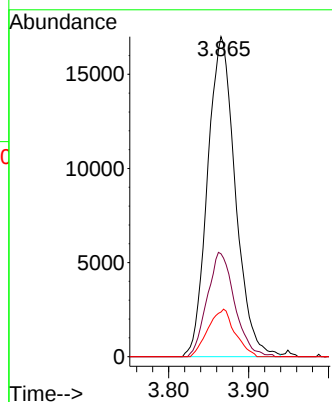
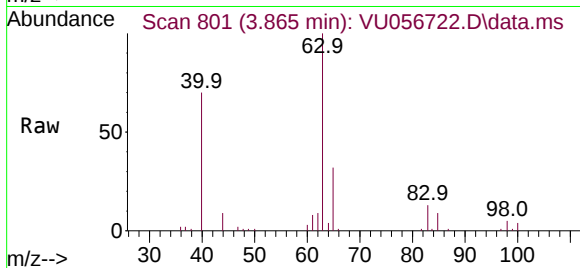
Tgt Ion: 63 Resp: 40996

Ion Ratio Lower Upper

63 100

65 32.1 22.9 42.5

83 13.9 10.1 18.9



#21

2-Butanone

Concen: 8.745 ug/L

RT: 4.711 min Scan# 1064

Delta R.T. 0.013 min

Lab File: VU056722.D

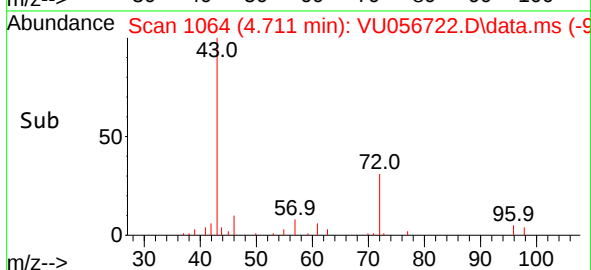
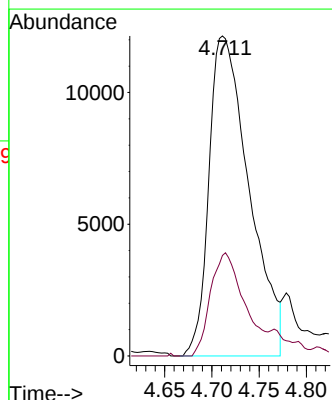
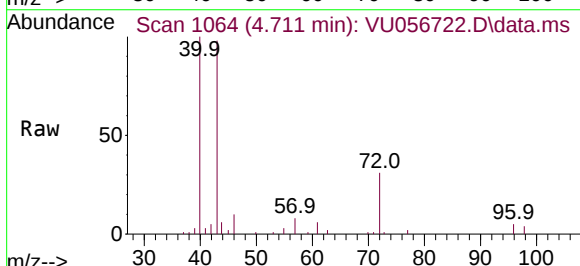
Acq: 11 Dec 2023 10:40

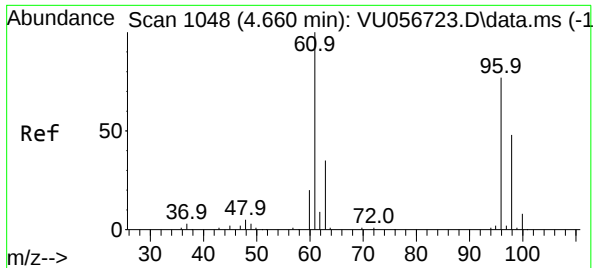
Tgt Ion: 43 Resp: 35901

Ion Ratio Lower Upper

43 100

72 27.4 14.6 43.8

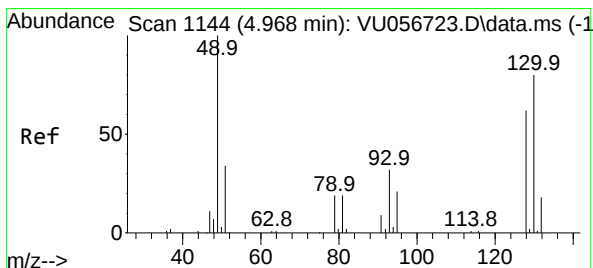
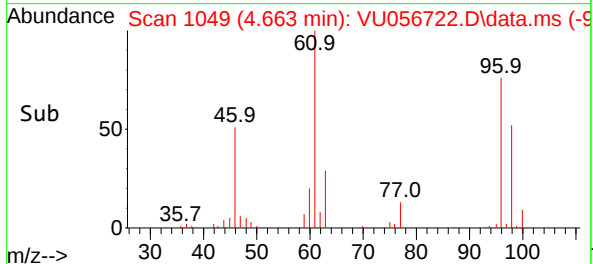
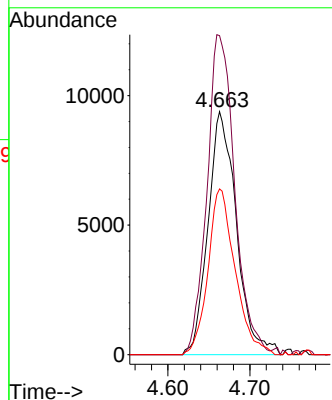
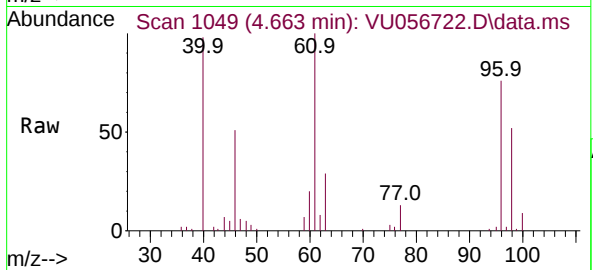




#22
cis-1,2-Dichloroethene
Concen: 1.021 ug/L
RT: 4.663 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU056722.D
Acq: 11 Dec 2023 10:40

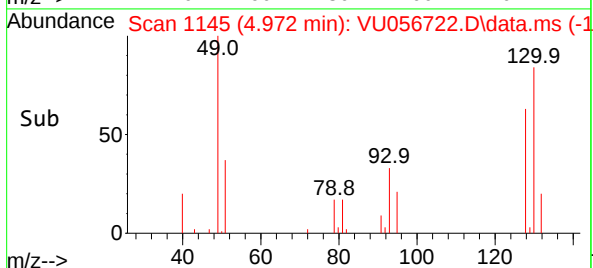
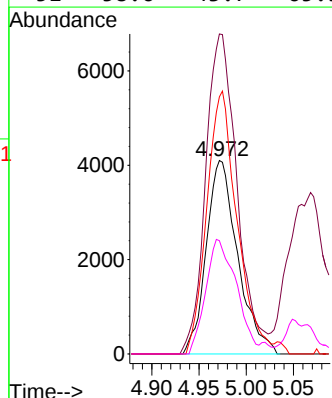
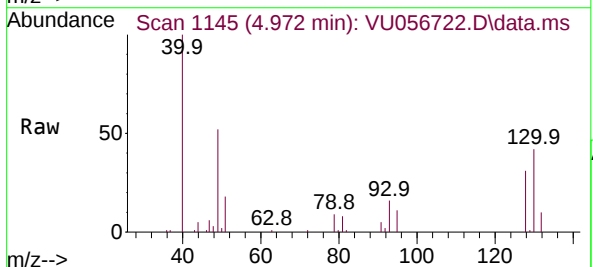
Instrument :
MSVOA_U
ClientSampleId :

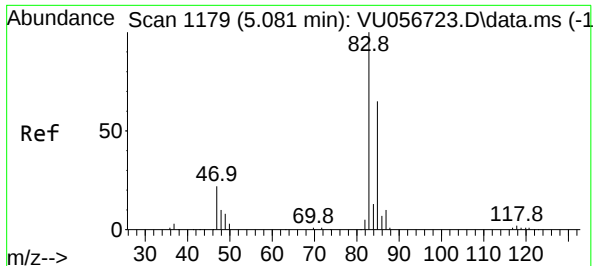
Tgt Ion: 96 Resp: 22607
Ion Ratio Lower Upper
96 100
61 131.3 91.3 169.6
98 68.2 44.2 82.0



#23
Bromochloromethane
Concen: 1.022 ug/L
RT: 4.972 min Scan# 1145
Delta R.T. 0.003 min
Lab File: VU056722.D
Acq: 11 Dec 2023 10:40

Tgt Ion:128 Resp: 9478
Ion Ratio Lower Upper
128 100
49 165.4 113.8 211.3
130 132.9 90.6 168.3
51 58.6 43.7 65.5





#25

Chloroform

Concen: 1.006 ug/L

RT: 5.084 min Scan# 1179

Delta R.T. 0.003 min

Lab File: VU056722.D

Acq: 11 Dec 2023 10:40

Instrument :

MSVOA_U

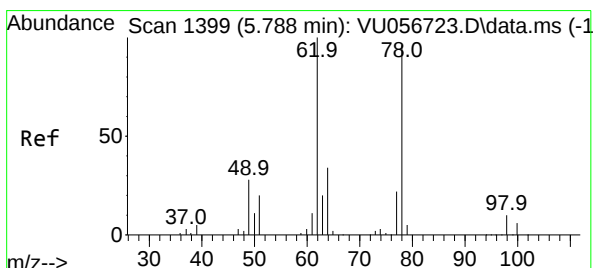
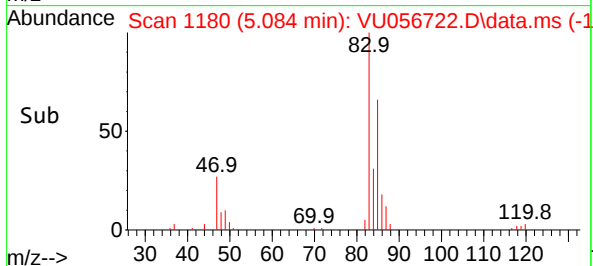
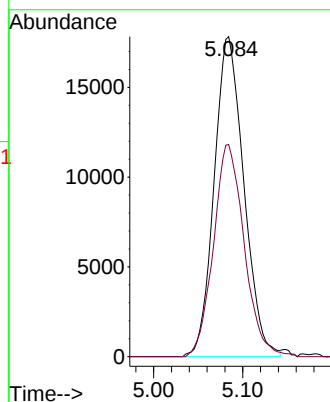
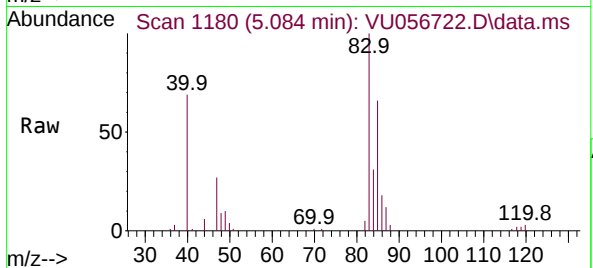
ClientSampleId :

Tgt Ion: 83 Resp: 41254

Ion Ratio Lower Upper

83 100

85 66.3 45.8 85.0



#27

1,2-Dichloroethane

Concen: 1.014 ug/L

RT: 5.791 min Scan# 1400

Delta R.T. 0.003 min

Lab File: VU056722.D

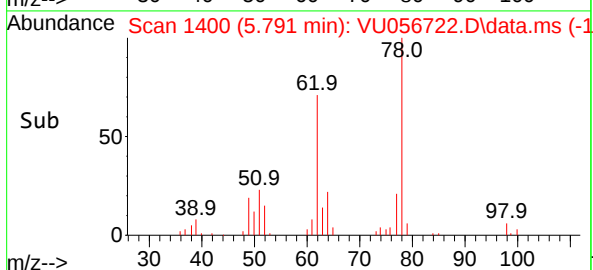
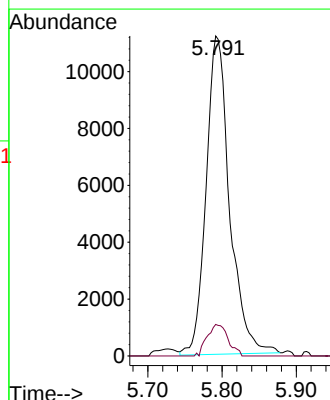
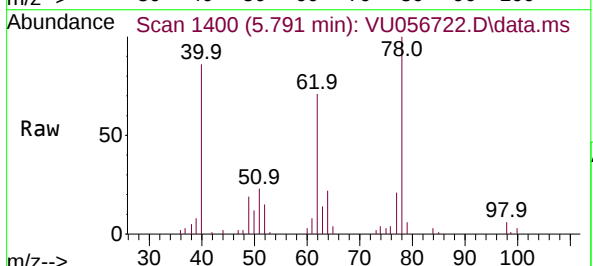
Acq: 11 Dec 2023 10:40

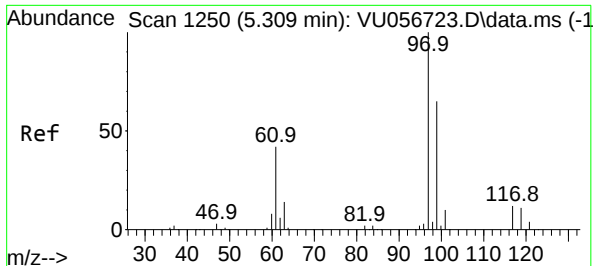
Tgt Ion: 62 Resp: 24610

Ion Ratio Lower Upper

62 100

98 9.8 7.8 11.6





#29

1,1,1-Trichloroethane

Concen: 1.003 ug/L

RT: 5.312 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU056722.D

Acq: 11 Dec 2023 10:40

Instrument :

MSVOA_U

ClientSampleId :

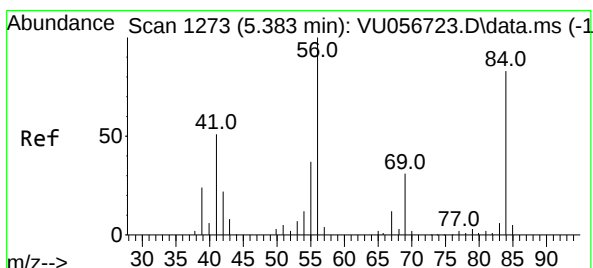
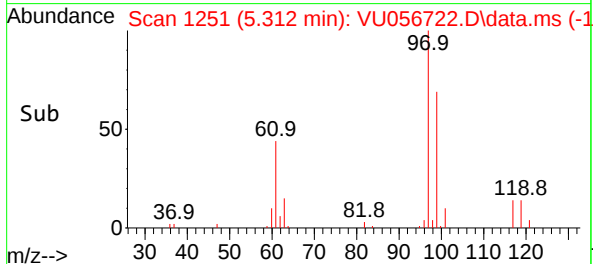
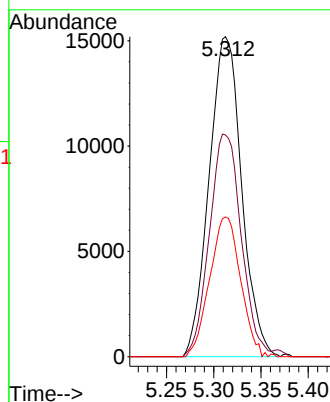
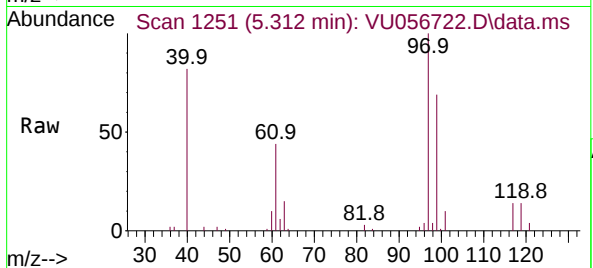
Tgt Ion: 97 Resp: 36431

Ion Ratio Lower Upper

97 100

99 68.0 52.5 78.7

61 41.4 34.2 51.2



#30

Cyclohexane

Concen: 0.942 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. -0.000 min

Lab File: VU056722.D

Acq: 11 Dec 2023 10:40

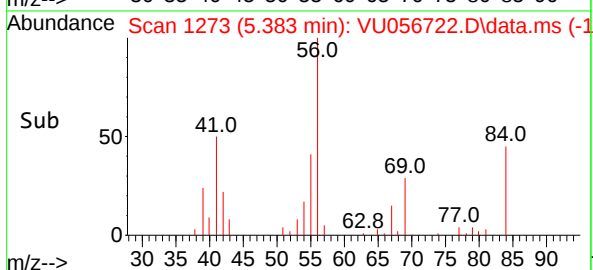
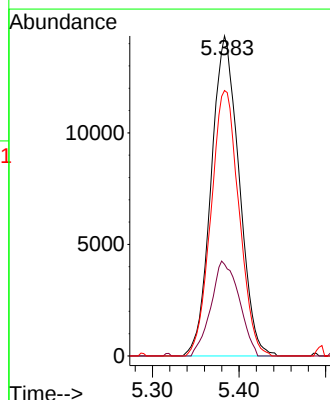
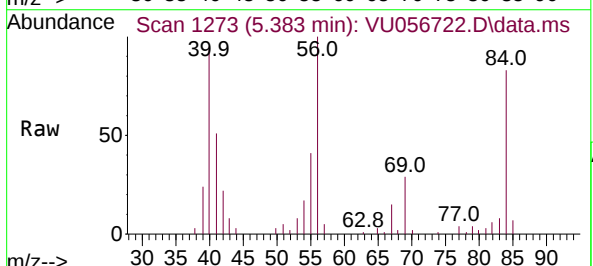
Tgt Ion: 56 Resp: 32107

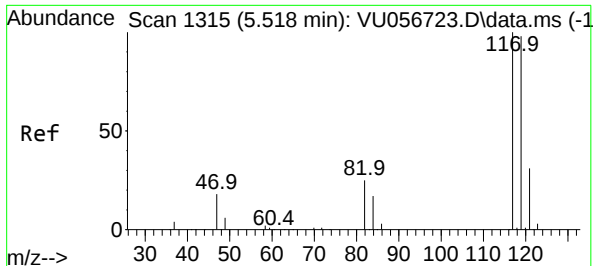
Ion Ratio Lower Upper

56 100

69 29.9 24.9 37.3

84 83.3 67.6 101.4

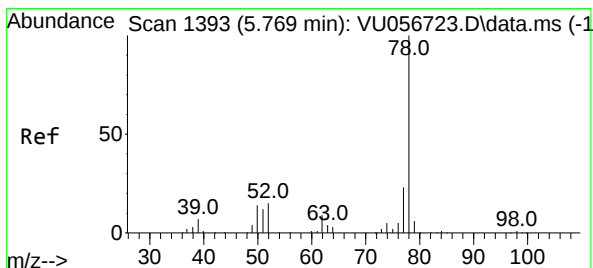
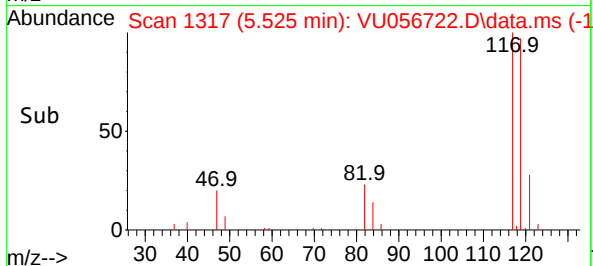
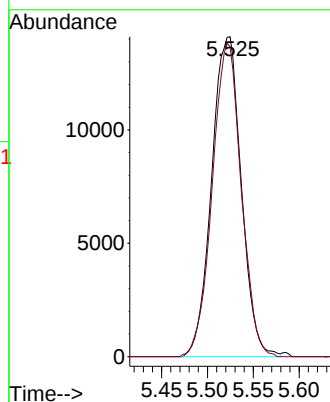
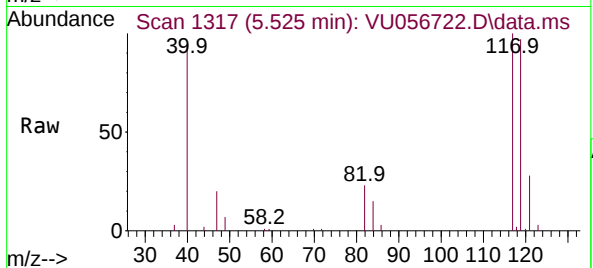




#31
Carbon tetrachloride
Concen: 1.002 ug/L
RT: 5.525 min Scan# 1117
Delta R.T. 0.006 min
Lab File: VU056722.D
Acq: 11 Dec 2023 10:40

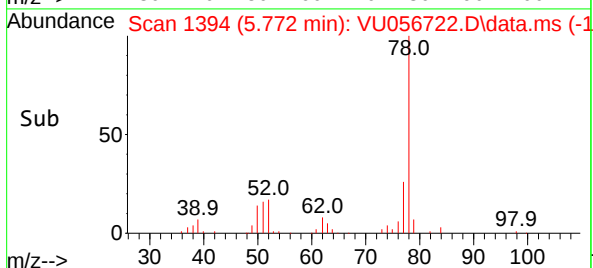
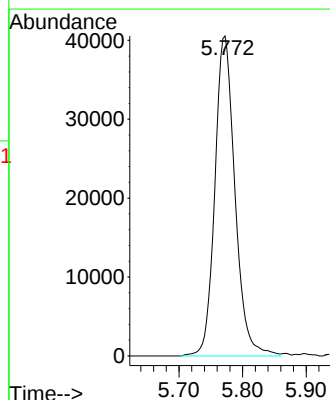
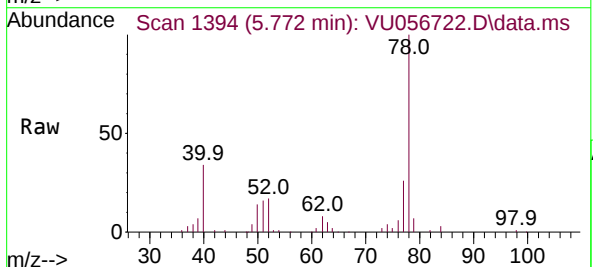
Instrument :
MSVOA_U
ClientSampleId :

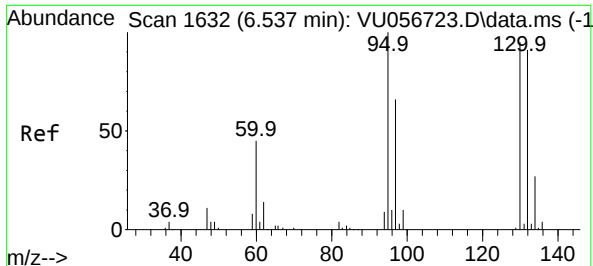
Tgt Ion:117 Resp: 31635
Ion Ratio Lower Upper
117 100
119 95.7 76.2 114.4



#33
Benzene
Concen: 1.009 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.003 min
Lab File: VU056722.D
Acq: 11 Dec 2023 10:40

Tgt Ion: 78 Resp: 89094



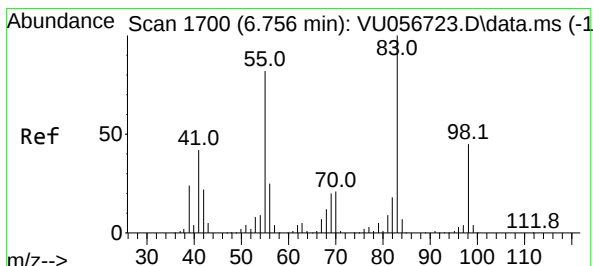
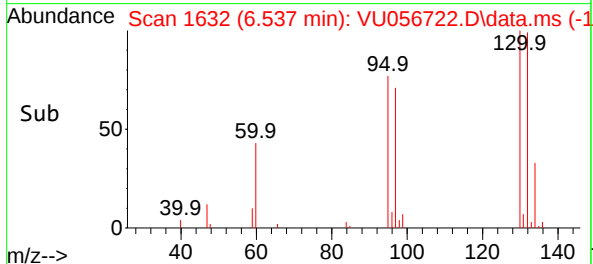
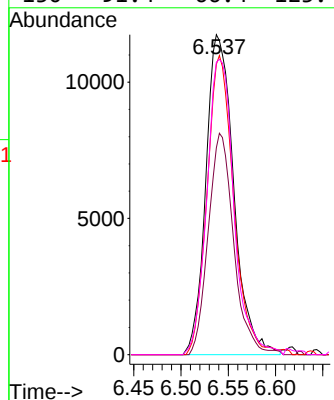
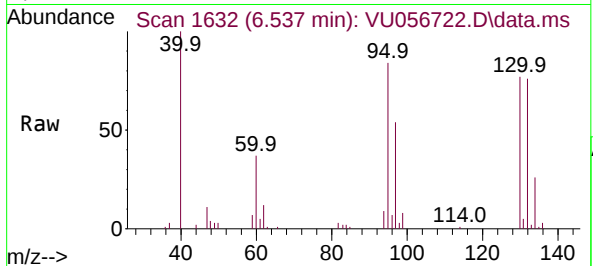


#34
Trichloroethene
Concen: 0.994 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU056722.D
Acq: 11 Dec 2023 10:40

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 24088

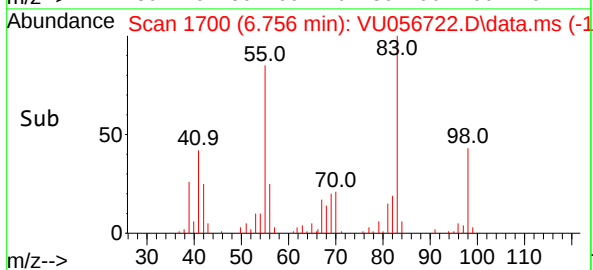
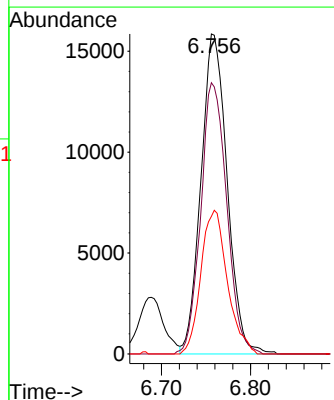
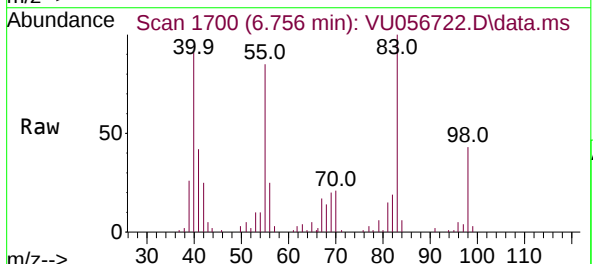
Ion	Ratio	Lower	Upper
95	100		
97	64.7	46.1	85.5
132	90.8	63.6	118.0
130	91.4	66.4	123.4

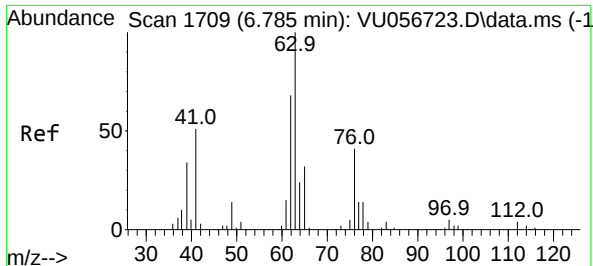


#35
Methylcyclohexane
Concen: 0.907 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU056722.D
Acq: 11 Dec 2023 10:40

Tgt Ion: 83 Resp: 32412

Ion	Ratio	Lower	Upper
83	100		
55	83.9	64.6	97.0
98	45.3	36.1	54.1





#37

1,2-Dichloropropane

Concen: 0.963 ug/L

RT: 6.788 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU056722.D

Acq: 11 Dec 2023 10:40

Instrument :

MSVOA_U

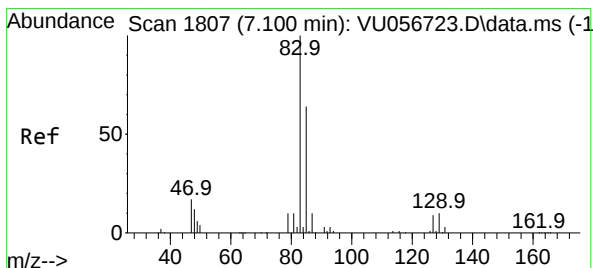
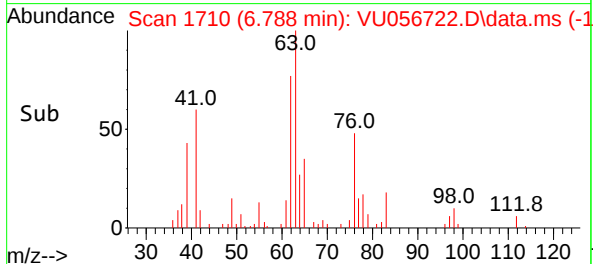
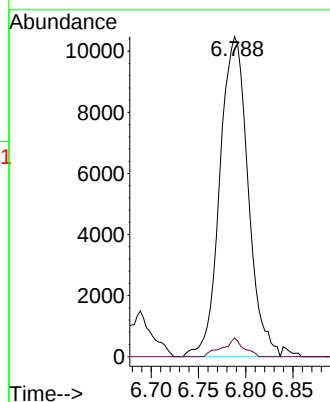
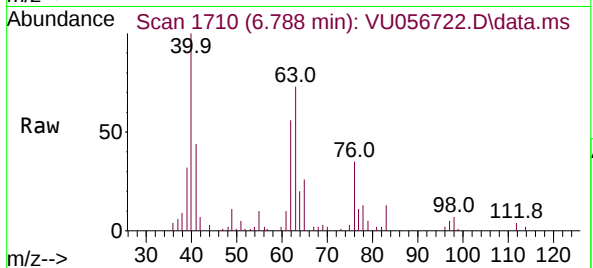
ClientSampleId :

Tgt Ion: 63 Resp: 21762

Ion Ratio Lower Upper

63 100

112 4.3 3.3 4.9



#38

Bromodichloromethane

Concen: 1.012 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VU056722.D

Acq: 11 Dec 2023 10:40

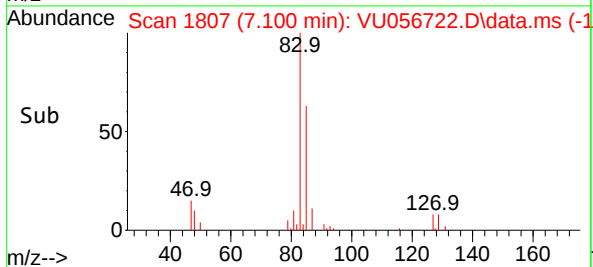
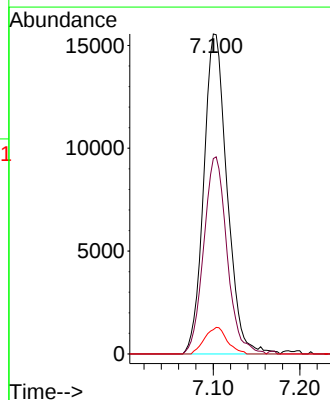
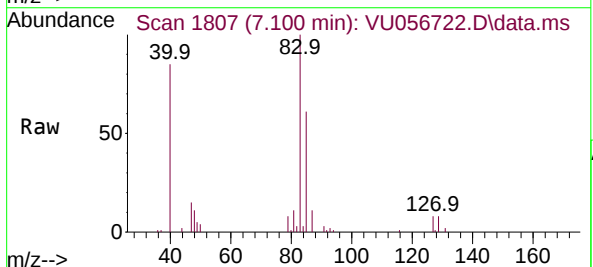
Tgt Ion: 83 Resp: 29161

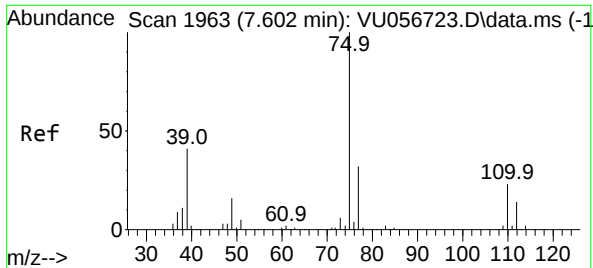
Ion Ratio Lower Upper

83 100

85 61.0 45.0 83.6

127 8.8 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 0.927 ug/L

RT: 7.605 min Scan# 1963

Delta R.T. 0.003 min

Lab File: VU056722.D

Acq: 11 Dec 2023 10:40

Instrument :

MSVOA_U

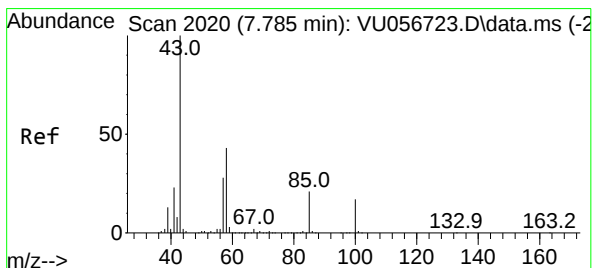
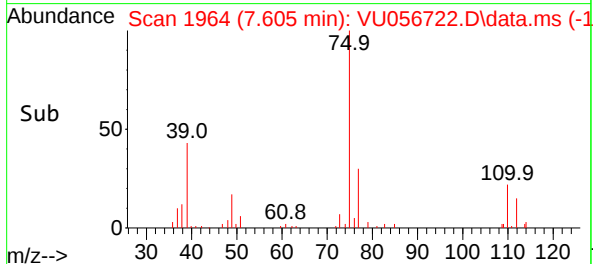
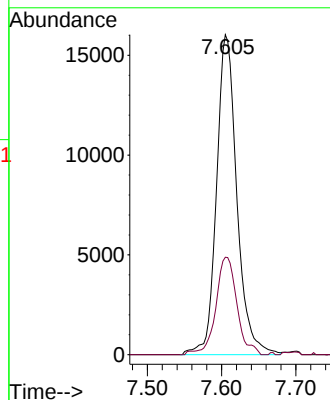
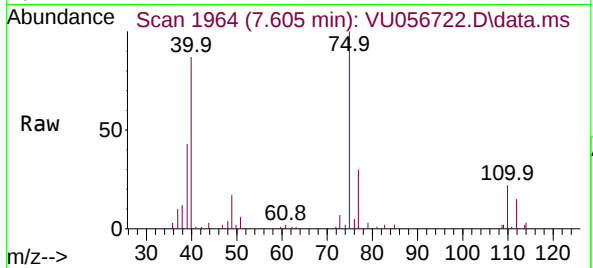
ClientSampleId :

Tgt Ion: 75 Resp: 30536

Ion Ratio Lower Upper

75 100

77 30.4 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 9.032 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. 0.003 min

Lab File: VU056722.D

Acq: 11 Dec 2023 10:40

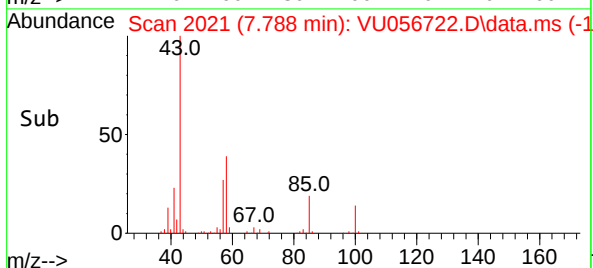
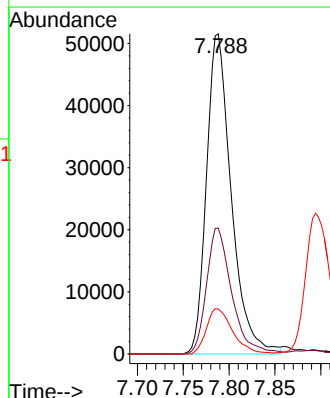
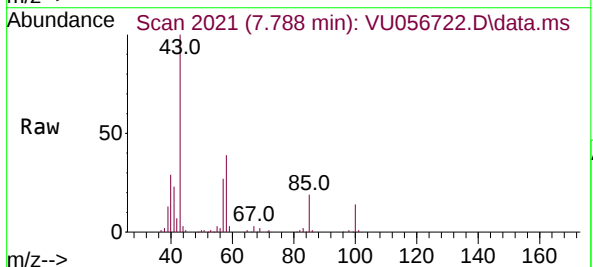
Tgt Ion: 43 Resp: 96879

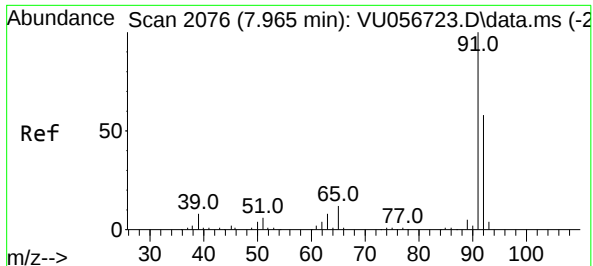
Ion Ratio Lower Upper

43 100

58 40.0 33.7 50.5

100 15.0 13.0 19.4





#42

Toluene

Concen: 0.978 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU056722.D

Acq: 11 Dec 2023 10:40

Instrument :

MSVOA_U

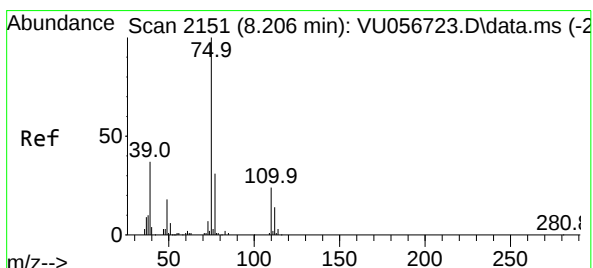
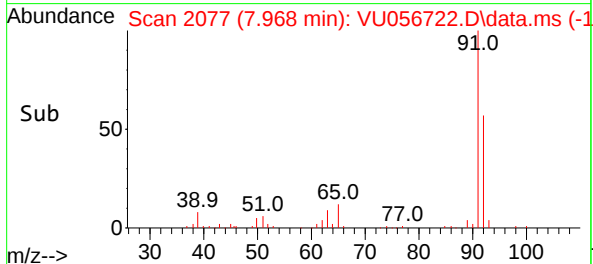
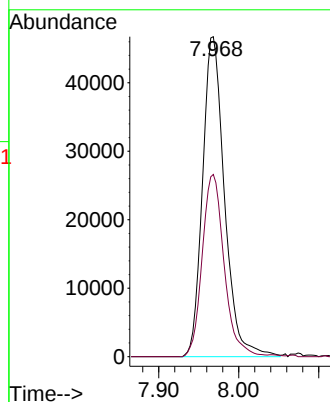
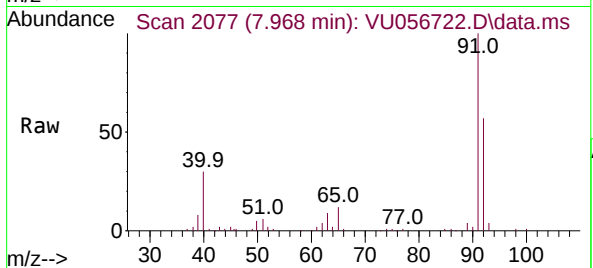
ClientSampleId :

Tgt Ion: 91 Resp: 89368

Ion Ratio Lower Upper

91 100

92 56.9 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 0.951 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. 0.003 min

Lab File: VU056722.D

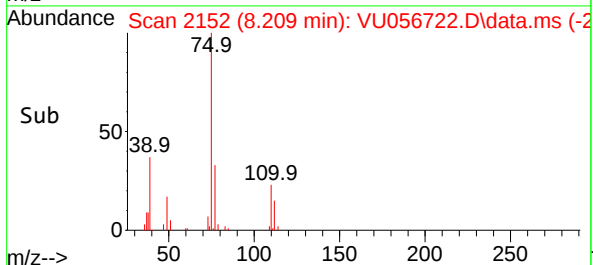
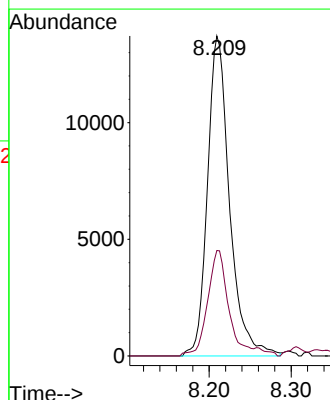
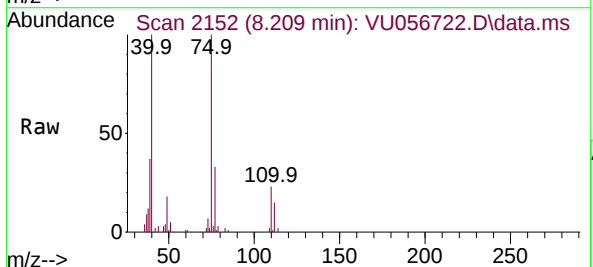
Acq: 11 Dec 2023 10:40

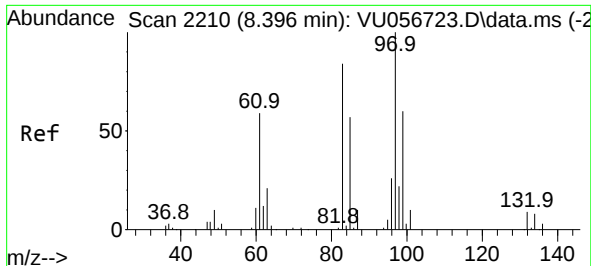
Tgt Ion: 75 Resp: 25668

Ion Ratio Lower Upper

75 100

77 33.0 21.8 40.4

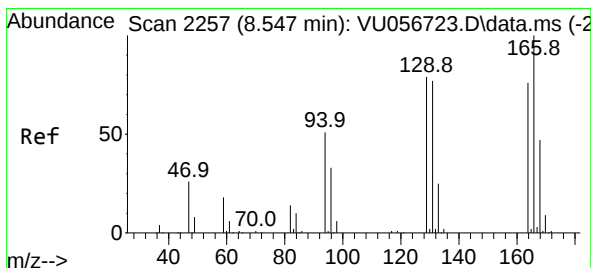
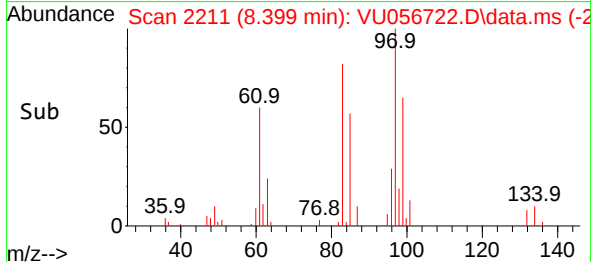
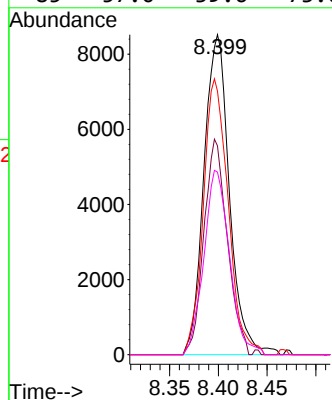
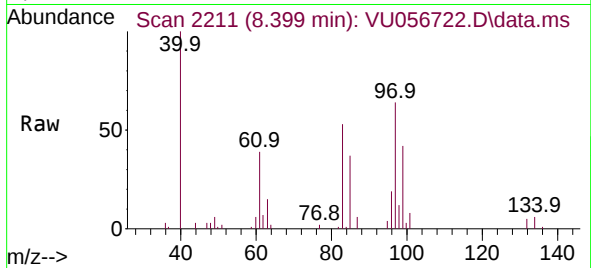




#45
1,1,2-Trichloroethane
Concen: 1.017 ug/L
RT: 8.399 min Scan# 2111
Delta R.T. 0.003 min
Lab File: VU056722.D
Acq: 11 Dec 2023 10:40

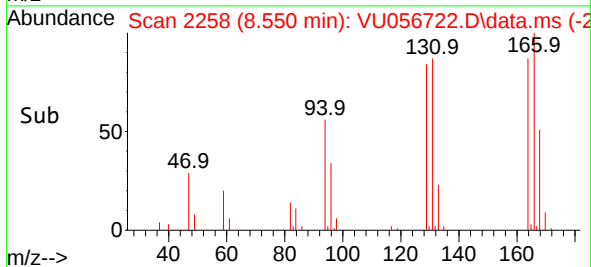
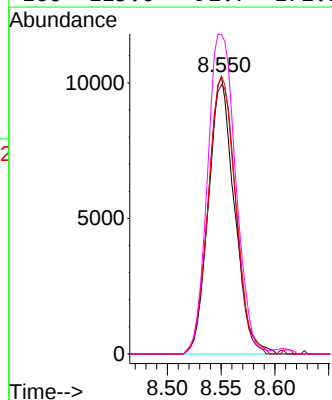
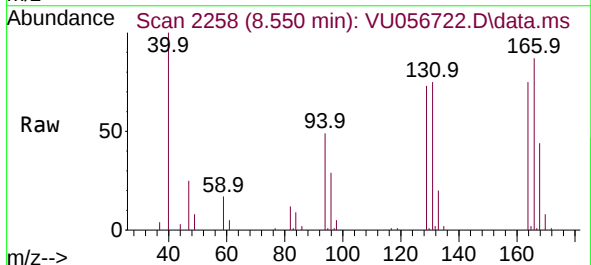
Instrument :
MSVOA_U
ClientSampleId :

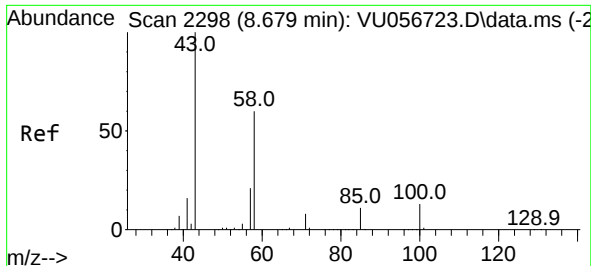
Tgt Ion:	97	Resp:	15526
Ion	Ratio	Lower	Upper
97	100		
99	65.3	41.9	77.9
83	82.4	59.1	109.7
85	57.0	39.6	73.6



#47
Tetrachloroethene
Concen: 1.012 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU056722.D
Acq: 11 Dec 2023 10:40

Tgt Ion:	164	Resp:	17164
Ion	Ratio	Lower	Upper
164	100		
129	97.0	73.4	136.4
131	100.1	71.5	132.9
166	115.0	92.7	172.1

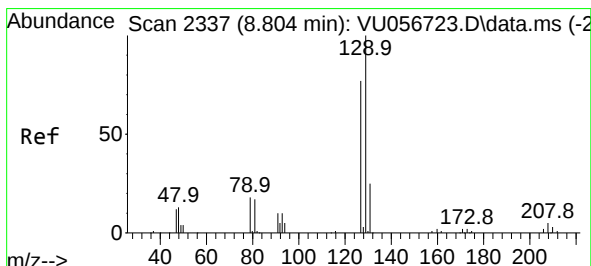
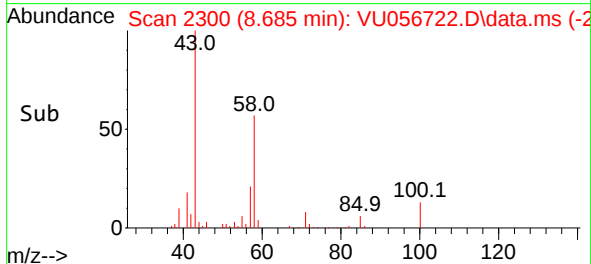
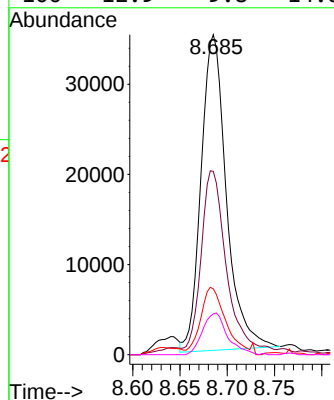
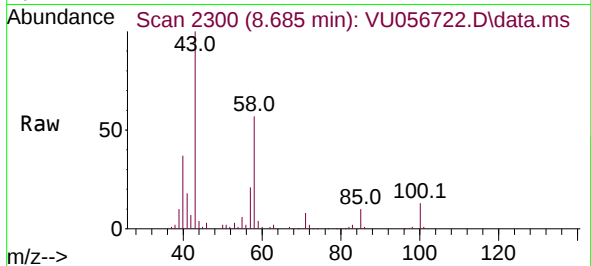




#48
2-Hexanone
Concen: 8.543 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU056722.D
Acq: 11 Dec 2023 10:40

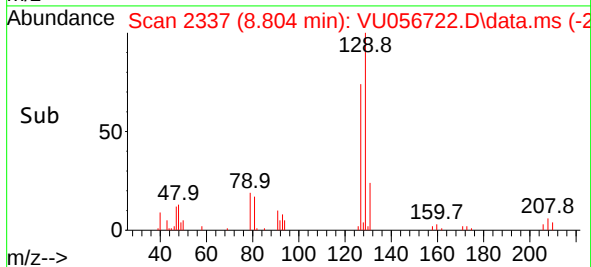
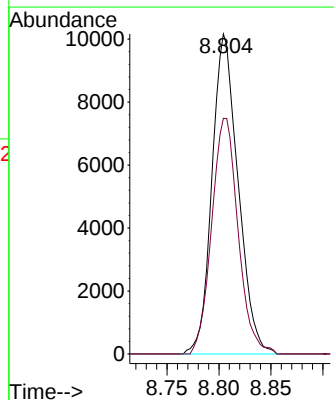
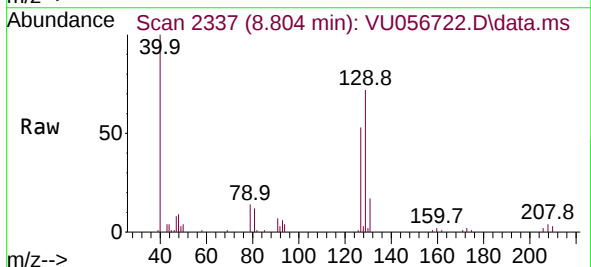
Instrument :
MSVOA_U
ClientSampleId :

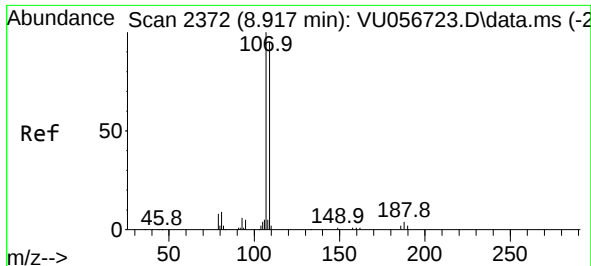
Tgt Ion:	43	Resp:	65268
Ion	Ratio	Lower	Upper
43	100		
58	56.2	47.5	71.3
57	21.4	17.0	25.4
100	12.9	9.8	14.8



#49
Dibromochloromethane
Concen: 1.010 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU056722.D
Acq: 11 Dec 2023 10:40

Tgt Ion:	129	Resp:	17738
Ion	Ratio	Lower	Upper
129	100		
127	73.6	53.9	100.1





#50

1,2-Dibromoethane

Concen: 0.985 ug/L

RT: 8.920 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU056722.D

Acq: 11 Dec 2023 10:40

Instrument :

MSVOA_U

ClientSampleId :

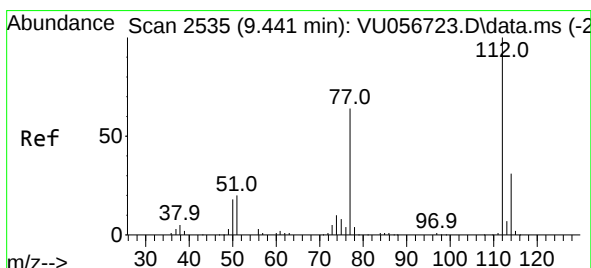
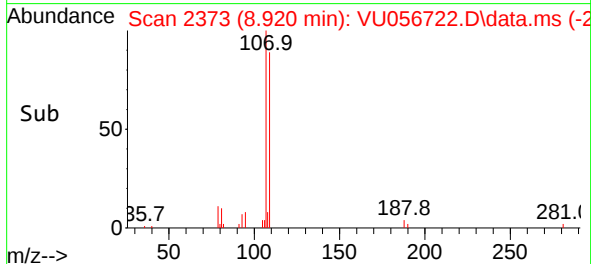
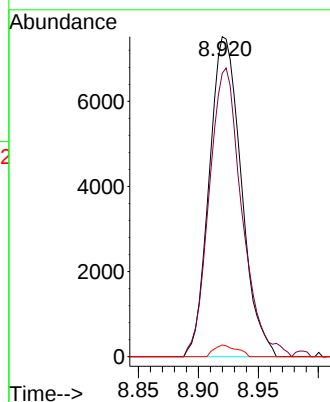
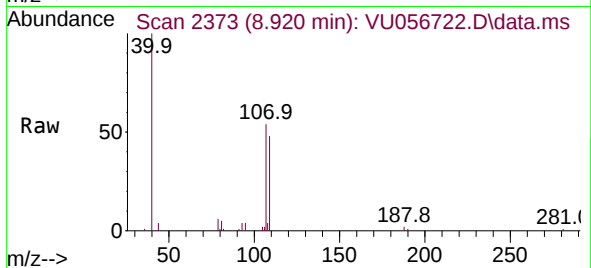
Tgt Ion:107 Resp: 13954

Ion Ratio Lower Upper

107 100

109 88.6 66.5 123.5

188 3.7 2.9 4.3



#51

Chlorobenzene

Concen: 0.988 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. 0.003 min

Lab File: VU056722.D

Acq: 11 Dec 2023 10:40

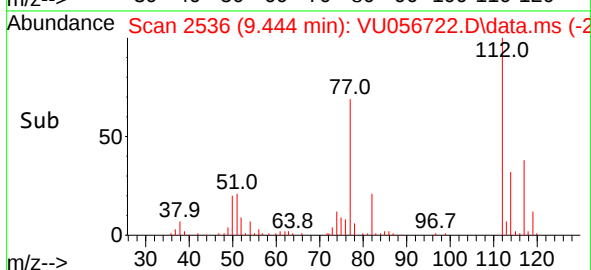
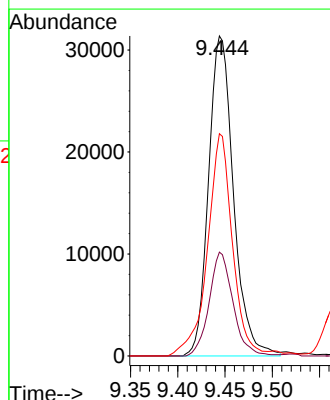
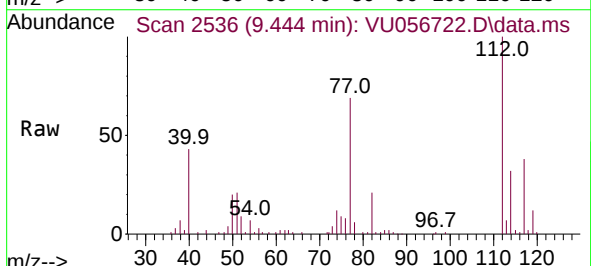
Tgt Ion:112 Resp: 57559

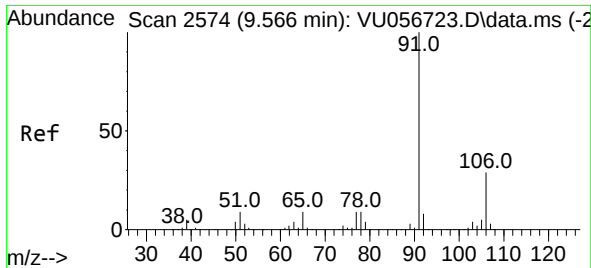
Ion Ratio Lower Upper

112 100

114 32.4 21.9 40.7

77 69.5 51.6 77.4

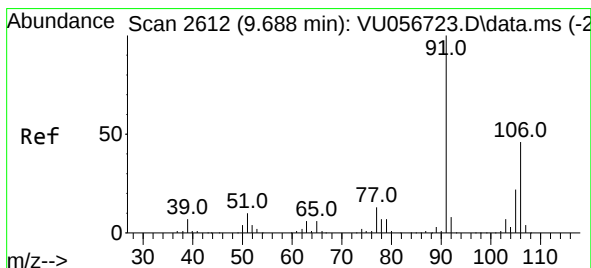
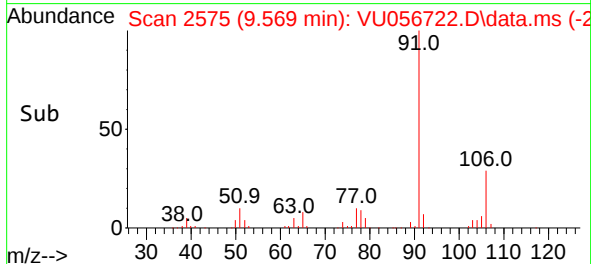
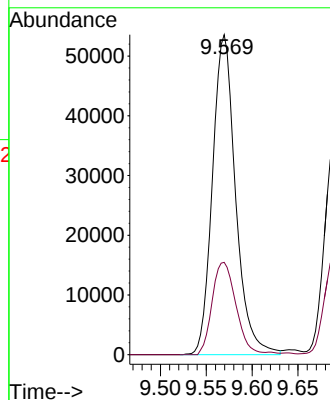
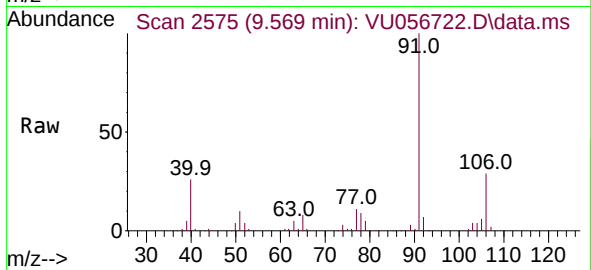




#52
Ethylbenzene
Concen: 0.933 ug/L
RT: 9.569 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056722.D
Acq: 11 Dec 2023 10:40

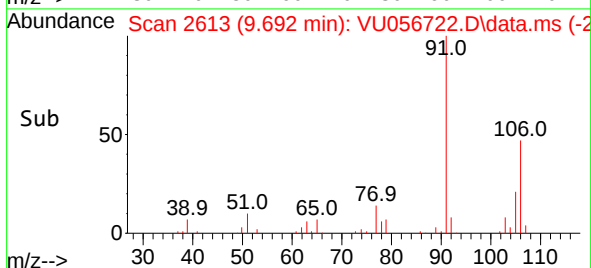
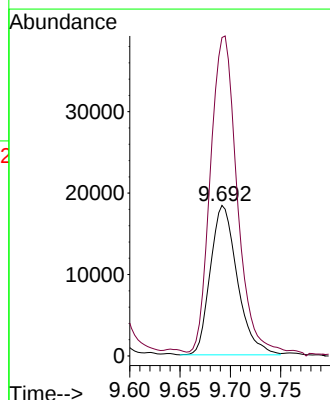
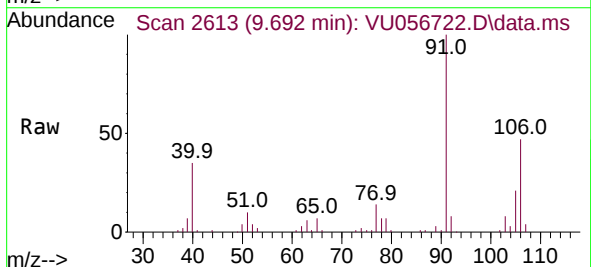
Instrument :
MSVOA_U
ClientSampleId :

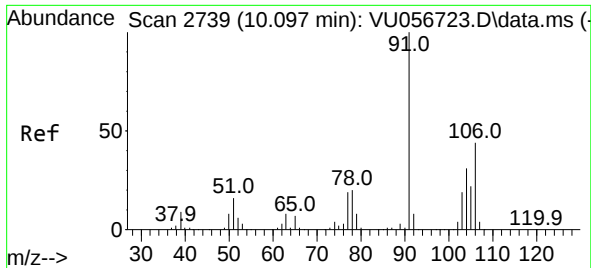
Tgt Ion: 91 Resp: 94012
Ion Ratio Lower Upper
91 100
106 28.8 20.6 38.4



#53
m,p-Xylene
Concen: 0.914 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU056722.D
Acq: 11 Dec 2023 10:40

Tgt Ion: 106 Resp: 34305
Ion Ratio Lower Upper
106 100
91 211.5 154.0 286.0

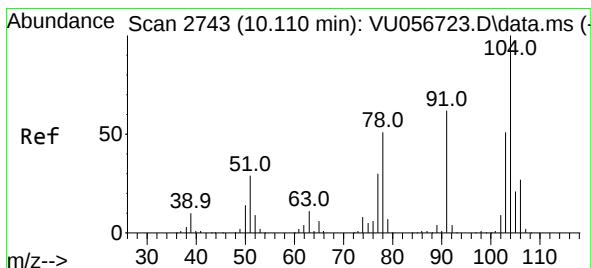
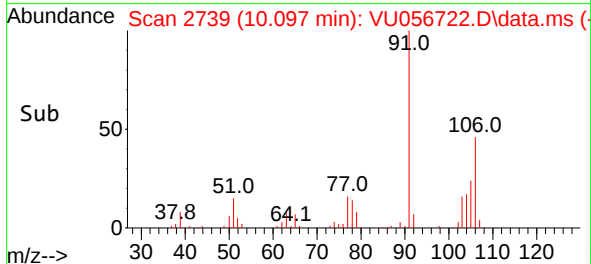
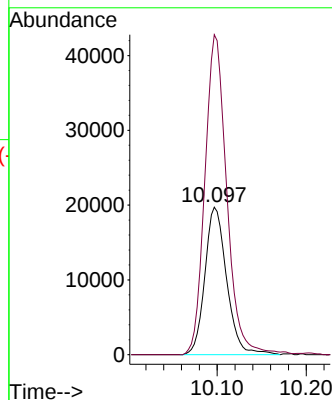
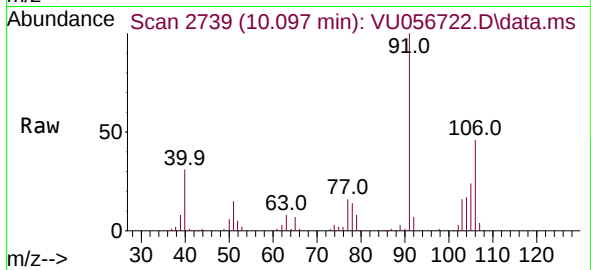




#54
o-Xylene
Concen: 0.937 ug/L
RT: 10.097 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056722.D
Acq: 11 Dec 2023 10:40

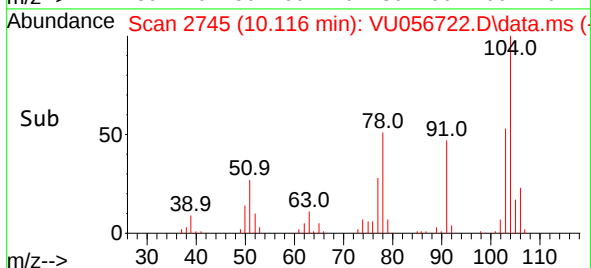
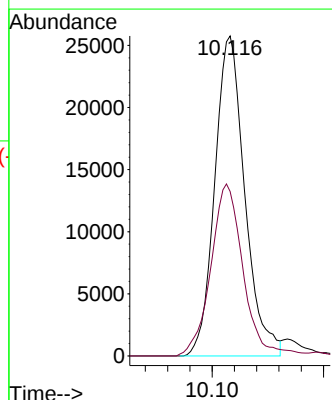
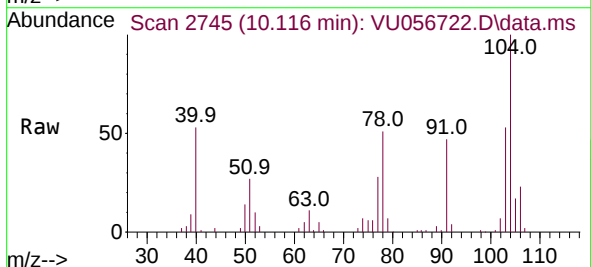
Instrument :
MSVOA_U
ClientSampleId :

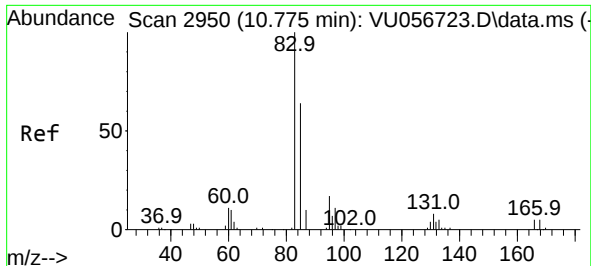
Tgt Ion:106 Resp: 33519
Ion Ratio Lower Upper
106 100
91 217.0 160.2 297.6



#55
Styrene
Concen: 0.821 ug/L
RT: 10.116 min Scan# 2745
Delta R.T. 0.006 min
Lab File: VU056722.D
Acq: 11 Dec 2023 10:40

Tgt Ion:104 Resp: 48226
Ion Ratio Lower Upper
104 100
78 51.4 35.6 66.2





#57

1,1,2,2-Tetrachloroethane

Concen: 0.938 ug/L

RT: 10.778 min Scan# 2950

Delta R.T. 0.003 min

Lab File: VU056722.D

Acq: 11 Dec 2023 10:40

Instrument :

MSVOA_U

ClientSampleId :

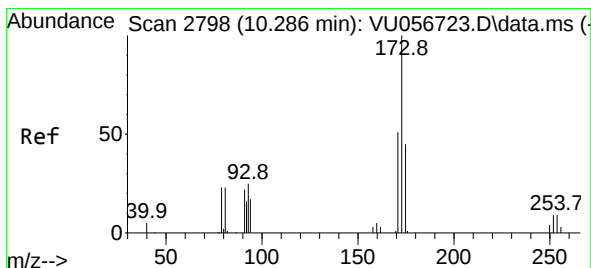
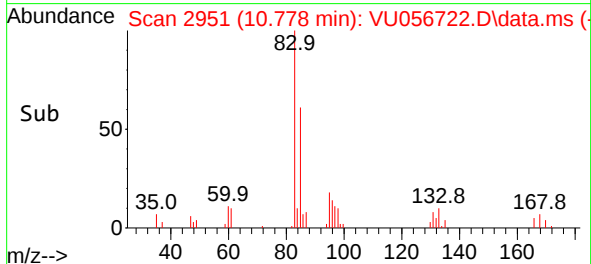
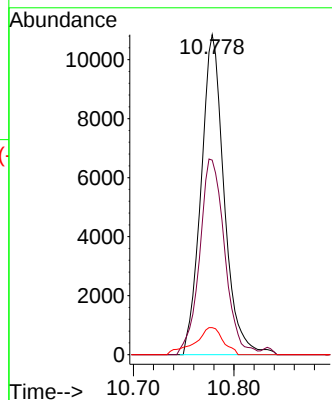
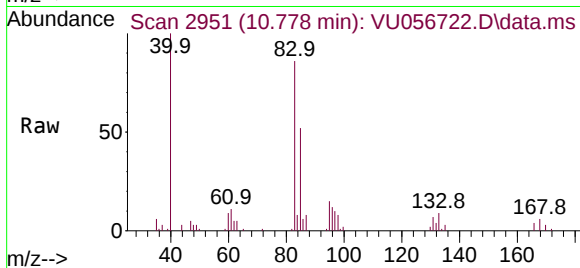
Tgt Ion: 83 Resp: 17306

Ion Ratio Lower Upper

83 100

85 60.8 45.4 84.4

131 8.5 6.6 9.8



#59

Bromoform

Concen: 1.018 ug/L

RT: 10.290 min Scan# 2799

Delta R.T. 0.003 min

Lab File: VU056722.D

Acq: 11 Dec 2023 10:40

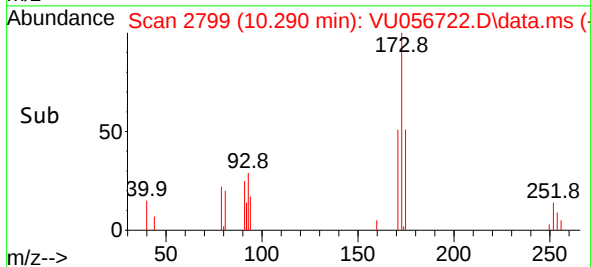
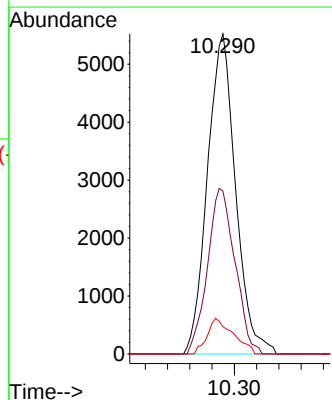
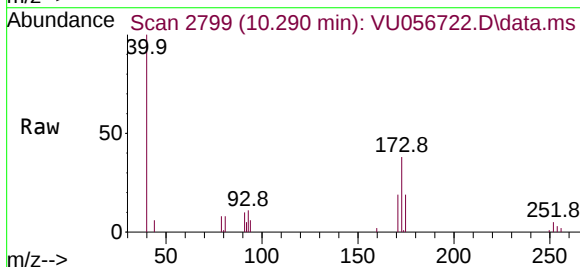
Tgt Ion:173 Resp: 9682

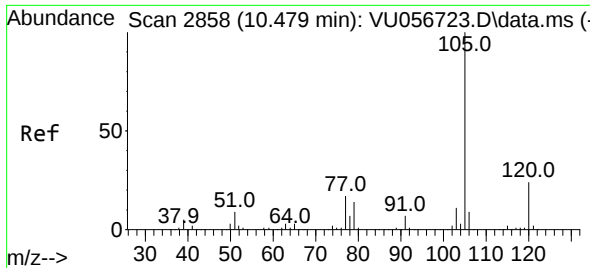
Ion Ratio Lower Upper

173 100

175 50.4 38.2 57.2

254 10.3 7.0 10.4

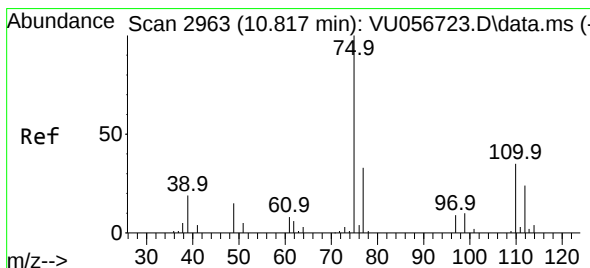
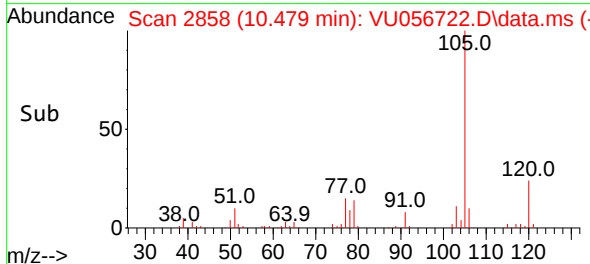
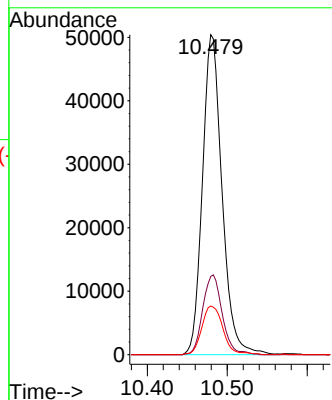
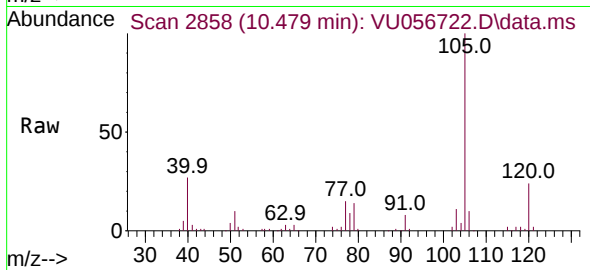




#60
Isopropylbenzene
Concen: 0.935 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU056722.D
Acq: 11 Dec 2023 10:40

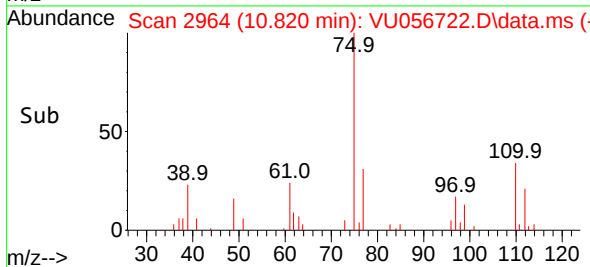
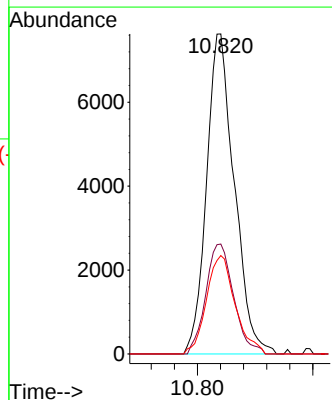
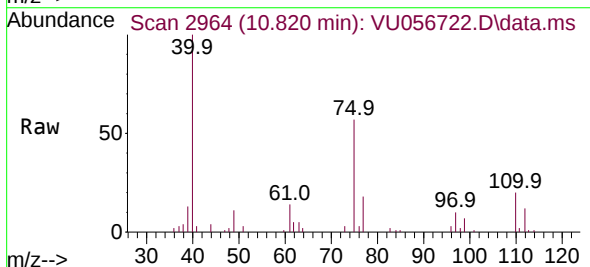
Instrument :
MSVOA_U
ClientSampleId :

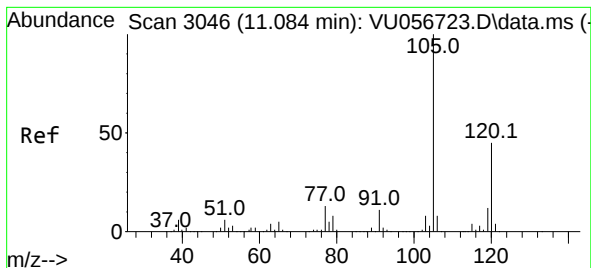
Tgt Ion:105 Resp: 86076
Ion Ratio Lower Upper
105 100
120 24.8 20.1 30.1
77 16.4 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 1.017 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. 0.003 min
Lab File: VU056722.D
Acq: 11 Dec 2023 10:40

Tgt Ion: 75 Resp: 12719
Ion Ratio Lower Upper
75 100
110 34.4 28.4 42.6
77 31.7 26.3 39.5

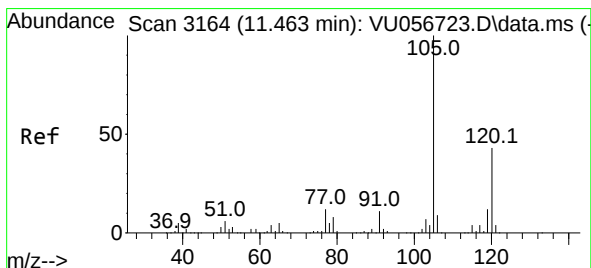
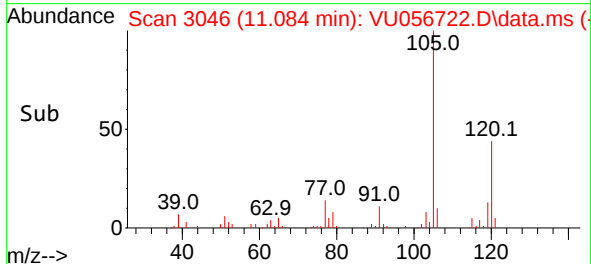
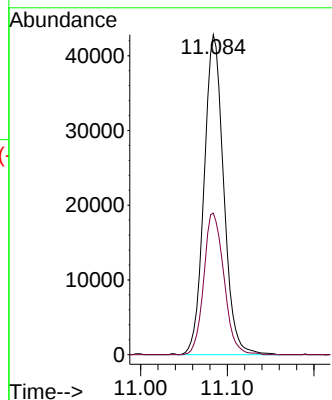
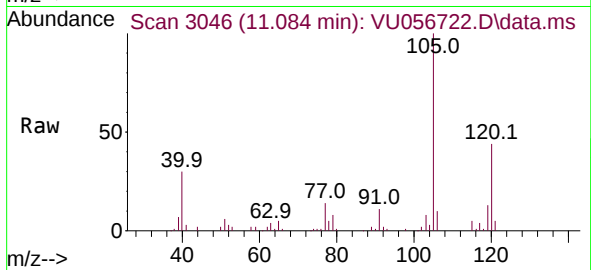




#62
1,3,5-Trimethylbenzene
Concen: 0.895 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU056722.D
Acq: 11 Dec 2023 10:40

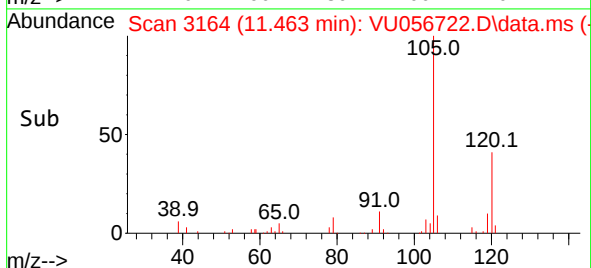
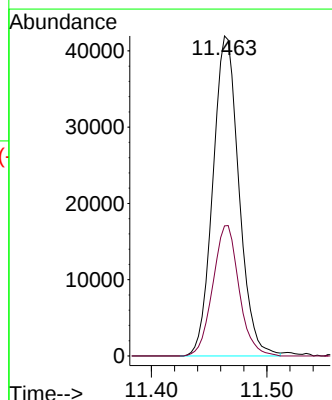
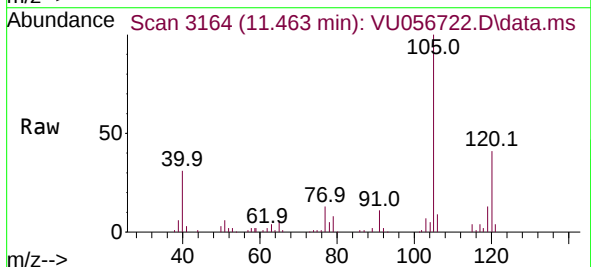
Instrument :
MSVOA_U
ClientSampleId :

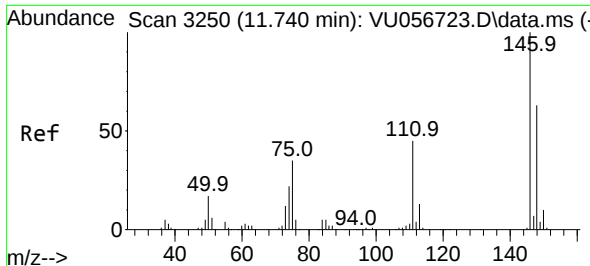
Tgt Ion:105 Resp: 67337
Ion Ratio Lower Upper
105 100
120 45.5 36.8 55.2



#63
1,2,4-Trimethylbenzene
Concen: 0.880 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU056722.D
Acq: 11 Dec 2023 10:40

Tgt Ion:105 Resp: 65750
Ion Ratio Lower Upper
105 100
120 41.0 34.2 51.4





#64

1,3-Dichlorobenzene

Concen: 0.982 ug/L

RT: 11.743 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU056722.D

Acq: 11 Dec 2023 10:40

Instrument :

MSVOA_U

ClientSampleId :

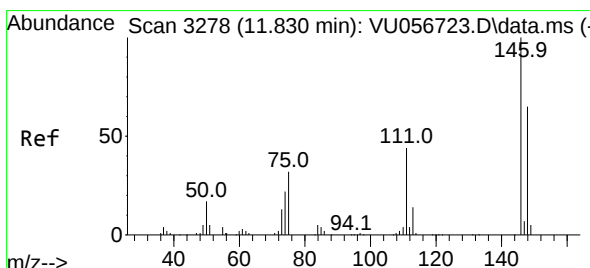
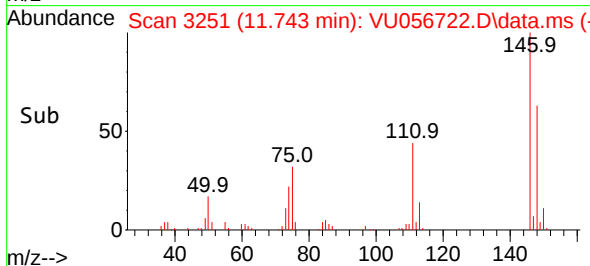
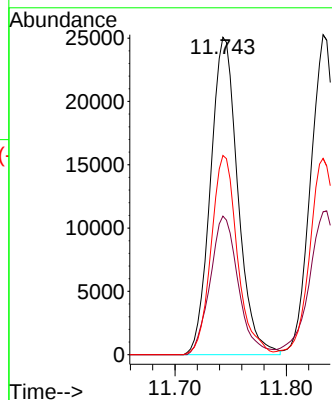
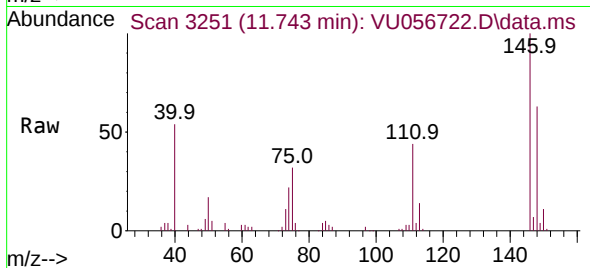
Tgt Ion:146 Resp: 42765

Ion Ratio Lower Upper

146 100

111 43.6 31.7 58.9

148 62.8 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 1.000 ug/L

RT: 11.833 min Scan# 3279

Delta R.T. 0.003 min

Lab File: VU056722.D

Acq: 11 Dec 2023 10:40

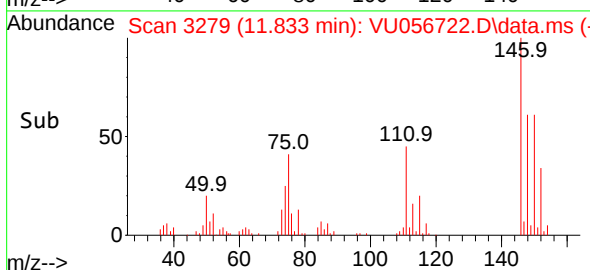
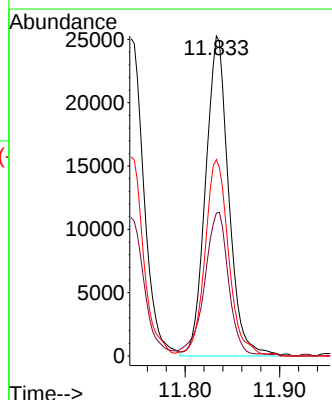
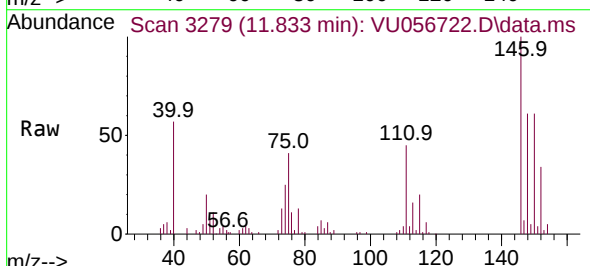
Tgt Ion:146 Resp: 42879

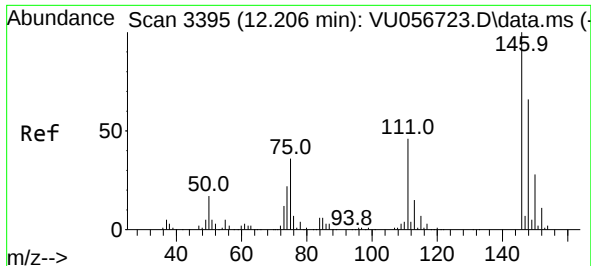
Ion Ratio Lower Upper

146 100

111 44.7 31.2 58.0

148 61.3 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 1.016 ug/L

RT: 12.209 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU056722.D

Acq: 11 Dec 2023 10:40

Instrument :

MSVOA_U

ClientSampleId :

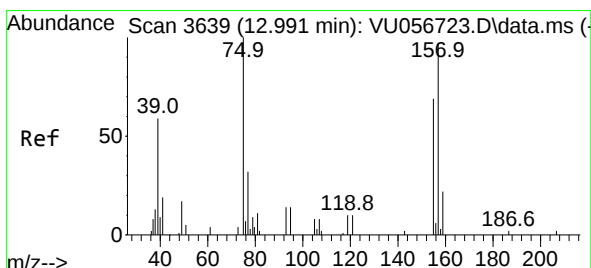
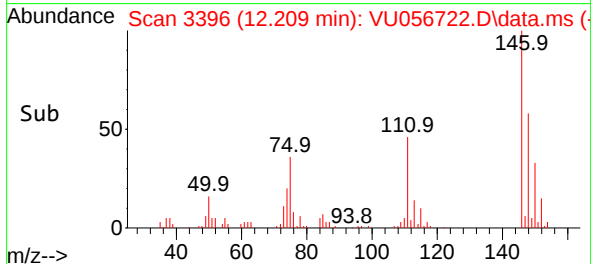
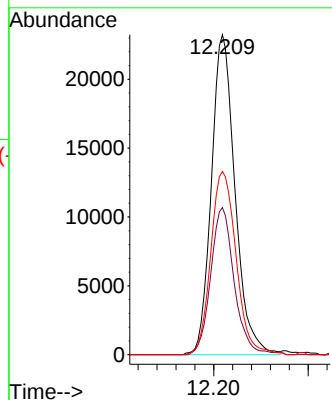
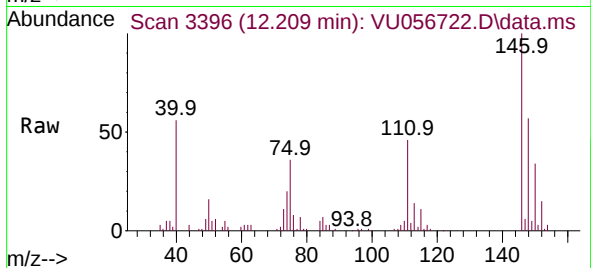
Tgt Ion:146 Resp: 40306

Ion Ratio Lower Upper

146 100

111 45.9 36.9 55.3

148 57.3 53.0 79.4



#68

1,2-Dibromo-3-chloropropane

Concen: 1.037 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.003 min

Lab File: VU056722.D

Acq: 11 Dec 2023 10:40

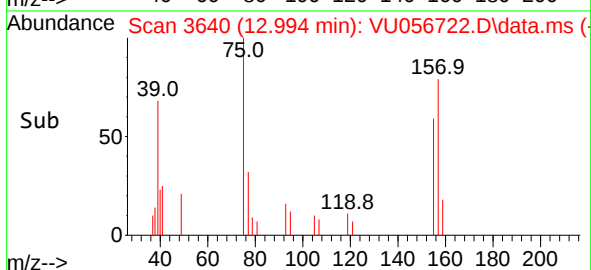
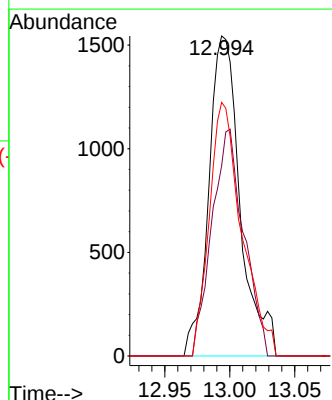
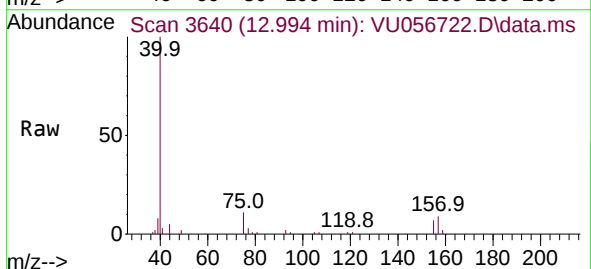
Tgt Ion: 75 Resp: 2590

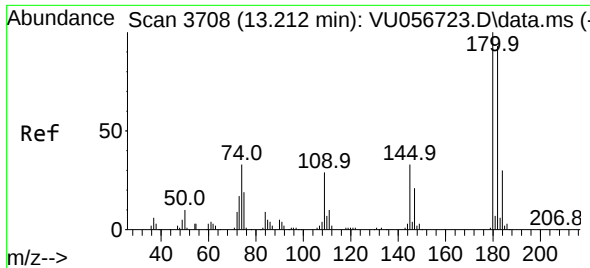
Ion Ratio Lower Upper

75 100

155 59.5 55.4 83.2

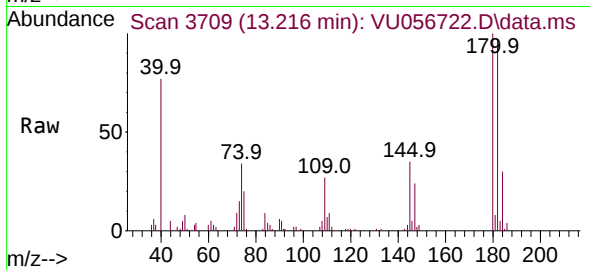
157 79.3 77.3 115.9



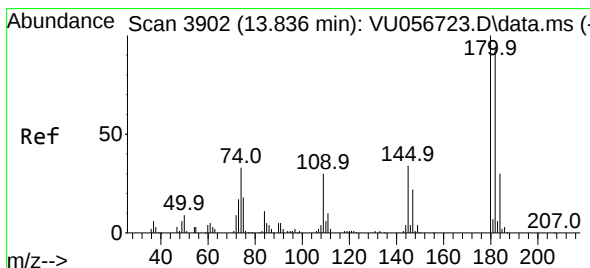
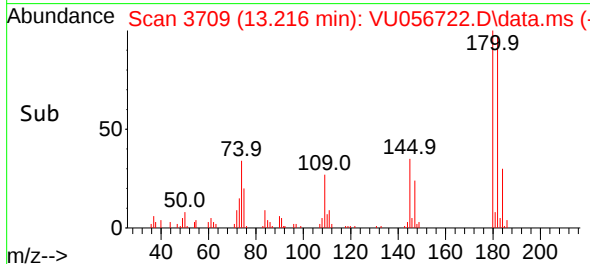
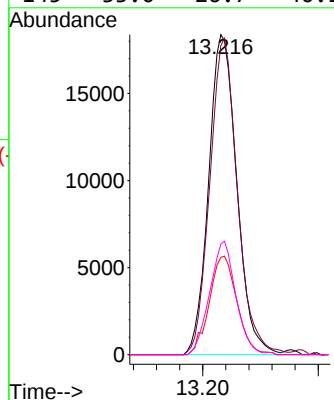


#69
1,3,5-Trichlorobenzene
Concen: 0.946 ug/L
RT: 13.216 min Scan# 31110
Delta R.T. 0.003 min
Lab File: VU056722.D
Acq: 11 Dec 2023 10:40

Instrument :
MSVOA_U
ClientSampleId :

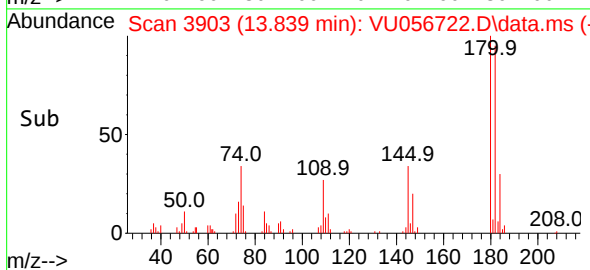
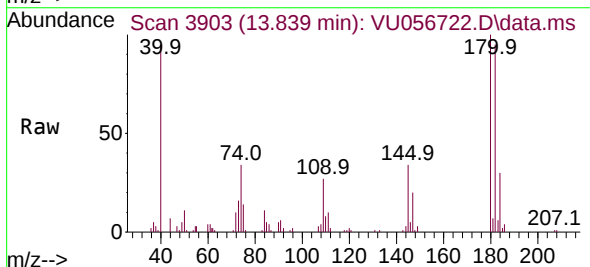
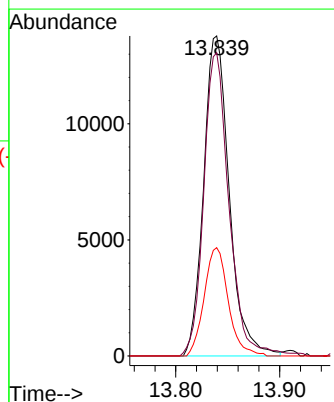


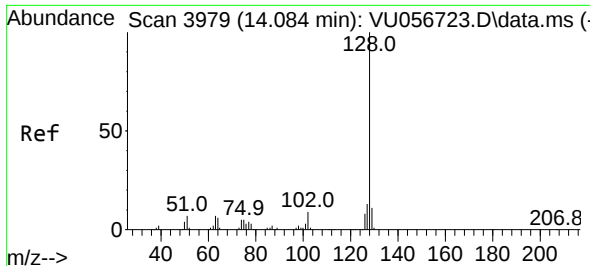
Tgt Ion:180 Resp: 31110
Ion Ratio Lower Upper
180 100
182 96.6 76.2 114.4
184 30.3 24.6 37.0
145 33.0 26.7 40.1



#70
1,2,4-trichlorobenzene
Concen: 0.907 ug/L
RT: 13.839 min Scan# 3903
Delta R.T. 0.003 min
Lab File: VU056722.D
Acq: 11 Dec 2023 10:40

Tgt Ion:180 Resp: 23637
Ion Ratio Lower Upper
180 100
182 93.5 74.3 111.5
145 31.8 26.7 40.1

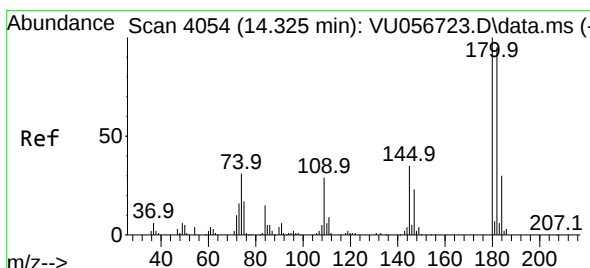
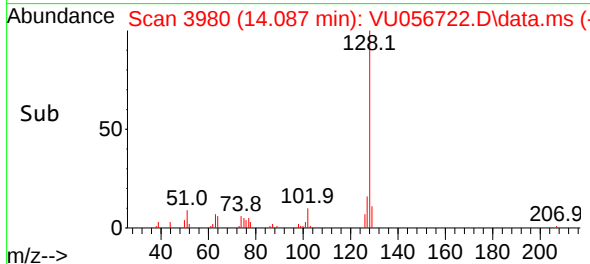
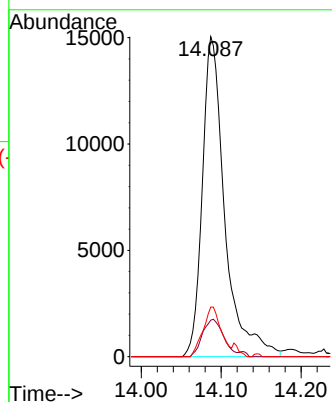
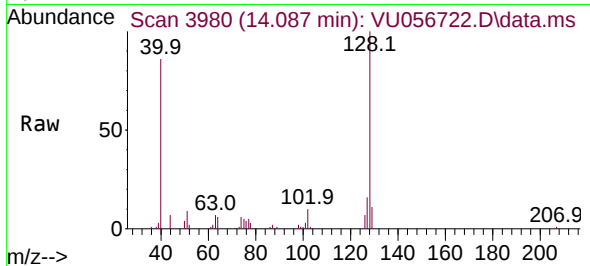




#71
Naphthalene
Concen: 0.773 ug/L
RT: 14.087 min Scan# 3979
Delta R.T. 0.003 min
Lab File: VU056722.D
Acq: 11 Dec 2023 10:40

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 29451
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 12.6 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 0.863 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU056722.D
Acq: 11 Dec 2023 10:40

Tgt Ion:180 Resp: 19086
Ion Ratio Lower Upper
180 100
182 95.5 75.0 112.6
145 35.5 28.6 42.8

