

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013024\
 Data File : VU057756.D
 Acq On : 30 Jan 2024 20:13
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 30 22:40:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 30 22:31:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	64210	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	58817	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	27976	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	18152	5.131	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 102.600%		
7) Chloroethane-d5	1.910	69	15714	5.301	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 106.000%		
11) 1,1-Dichloroethene-d2	2.563	65	8336	5.011	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 100.200%		
20) 2-Butanone-d5	4.627	46	37348	55.960	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 111.920%		
24) Chloroform-d	5.055	84	36913	5.140	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 102.800%		
26) 1,2-Dichloroethane-d4	5.695	65	18054	5.533	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 110.600%		
32) Benzene-d6	5.721	84	72574	5.260	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 105.200%		
36) 1,2-Dichloropropane-d6	6.685	67	21848	5.250	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 105.000%		
41) Toluene-d8	7.891	98	67429	5.149	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 103.000%		
43) trans-1,3-Dichloroprop...	8.177	79	7866	4.743	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 94.800%		
46) 2-Hexanone-d5	8.627	63	30013	56.718	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 113.440%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	15342	5.500	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 110.000%		
66) 1,2-Dichlorobenzene-d4	12.187	152	21410	5.453	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 109.000%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	21627	3.975	ug/L	100
3) Chloromethane	1.518	50	21998	4.041	ug/L	99
5) Vinyl chloride	1.602	62	24430	4.216	ug/L	99
6) Bromomethane	1.856	94	12601	4.171	ug/L	94
8) Chloroethane	1.933	64	16029	4.619	ug/L	96
9) Trichlorofluoromethane	2.132	101	37687	4.367	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	21272	4.240	ug/L	98
12) 1,1-Dichloroethene	2.576	96	19617	4.204	ug/L	97
13) Acetone	2.644	43	26004	41.004	ug/L	100
14) Carbon disulfide	2.788	76	61226	4.047	ug/L	99
15) Methyl Acetate	2.952	43	6750	4.137	ug/L	95
16) Methylene chloride	3.039	84	22278	4.447	ug/L	96
17) Methyl tert-butyl Ether	3.354	73	48922	4.409	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	20977	4.268	ug/L	99
19) 1,1-Dichloroethane	3.862	63	40318	4.442	ug/L	98
21) 2-Butanone	4.708	43	41465	41.683	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	23305	4.410	ug/L	99
23) Bromochloromethane	4.965	128	9232	4.349	ug/L	95
25) Chloroform	5.081	83	42230	4.385	ug/L	96

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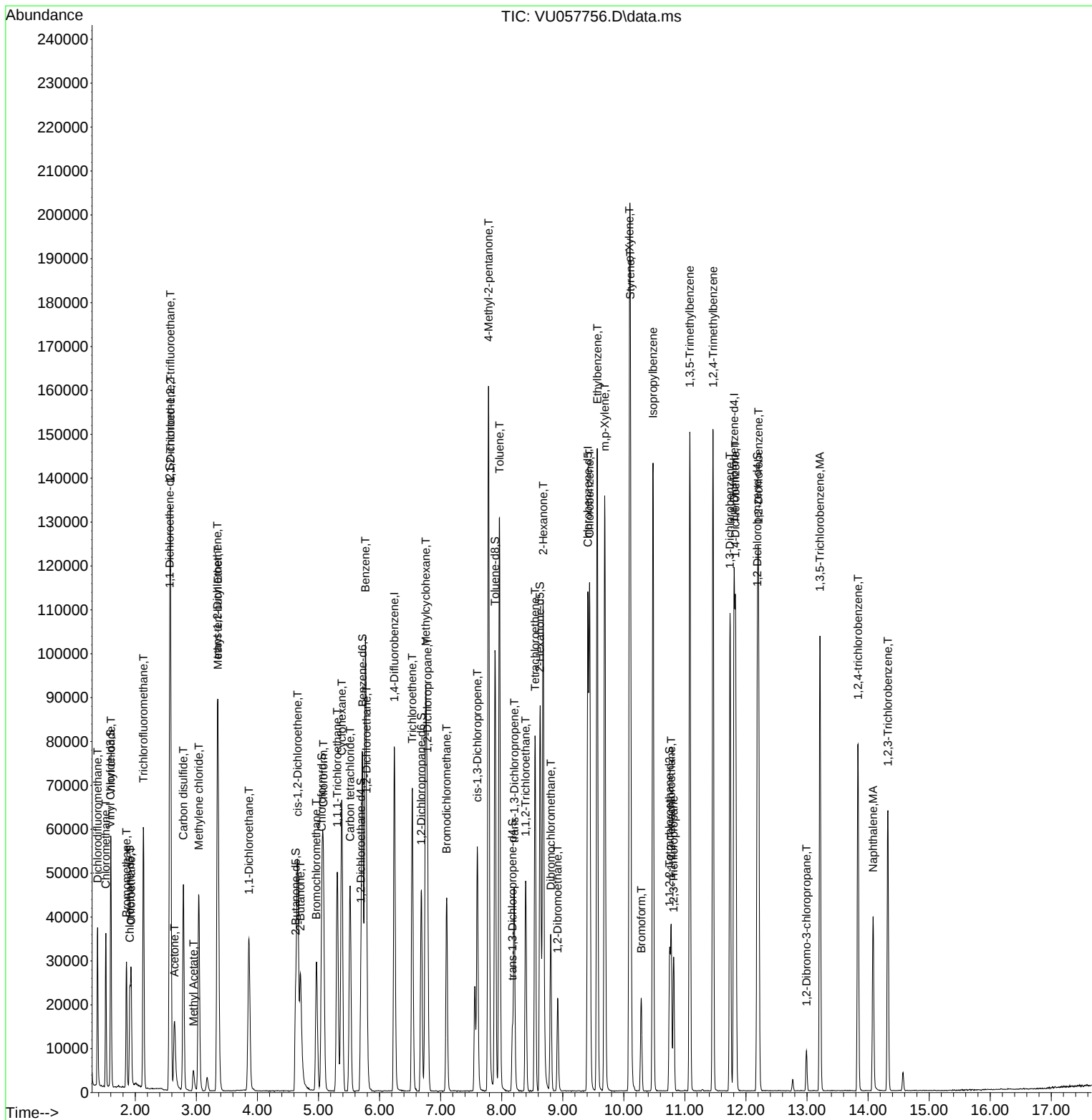
Instrument :
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 ClientSampleId :

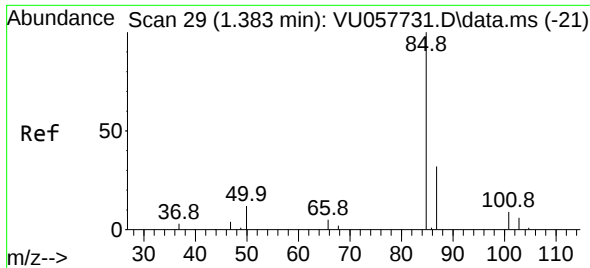
Quant Time: Jan 30 22:40:21 2024
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	26137	4.659	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	36692	4.250	ug/L	99
30) Cyclohexane	5.380	56	34145	4.099	ug/L	99
31) Carbon tetrachloride	5.518	117	32084	4.212	ug/L	99
33) Benzene	5.769	78	89921	4.457	ug/L	100
34) Trichloroethene	6.537	95	24124	4.337	ug/L	98
35) Methylcyclohexane	6.756	83	36229	4.032	ug/L	98
37) 1,2-Dichloropropane	6.785	63	22702	4.498	ug/L	100
38) Bromodichloromethane	7.100	83	28812	4.242	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	32611	4.158	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	102823	42.695	ug/L	99
42) Toluene	7.965	91	95052	4.370	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	26368	4.137	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	14695	4.476	ug/L	99
47) Tetrachloroethene	8.547	164	16654	4.075	ug/L	98
48) 2-Hexanone	8.679	43	75355	44.591	ug/L	99
49) Dibromochloromethane	8.804	129	17919	4.215	ug/L	97
50) 1,2-Dibromoethane	8.917	107	13683	4.295	ug/L	100
51) Chlorobenzene	9.441	112	58764	4.307	ug/L	98
52) Ethylbenzene	9.566	91	104906	4.280	ug/L	99
53) m,p-Xylene	9.688	106	37929	4.194	ug/L	96
54) o-Xylene	10.093	106	37570	4.262	ug/L	99
55) Styrene	10.109	104	57791	4.285	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	17388	4.366	ug/L	98
59) Bromoform	10.286	173	9209	4.052	ug/L	97
60) Isopropylbenzene	10.479	105	92337	4.213	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	12317	4.387	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	82004	4.198	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	82496	4.220	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	41207	4.118	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	40048	4.182	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	38421	4.303	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.990	75	2477	4.686	ug/L	95
69) 1,3,5-Trichlorobenzene	13.212	180	30521	4.156	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	22985	4.272	ug/L	99
71) Naphthalene	14.084	128	33850	4.445	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	18250	4.358	ug/L	99

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

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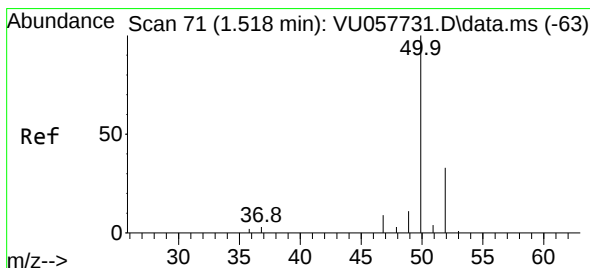
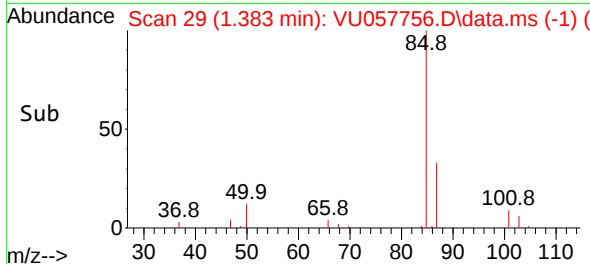
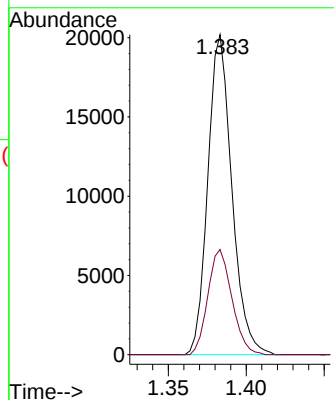
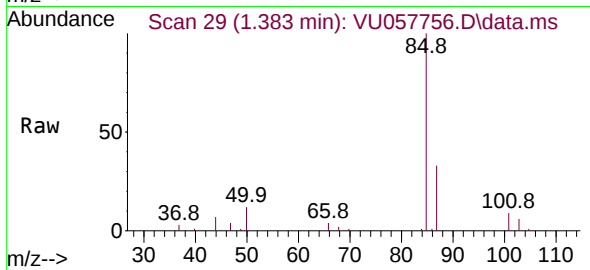




#2
Dichlorodifluoromethane
Concen: 3.975 ug/L
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU057756.D
Acq: 30 Jan 2024 20:13

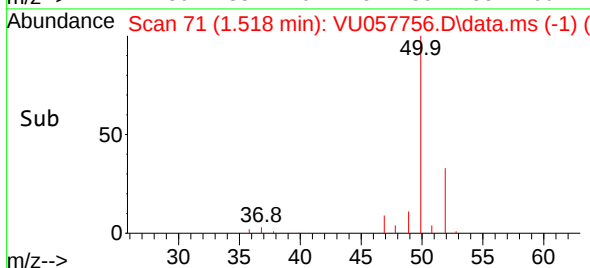
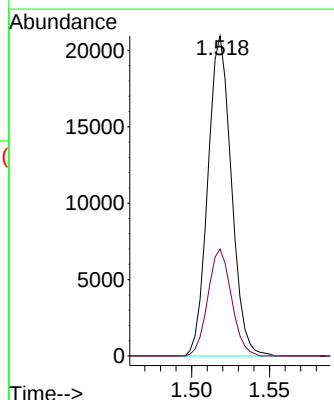
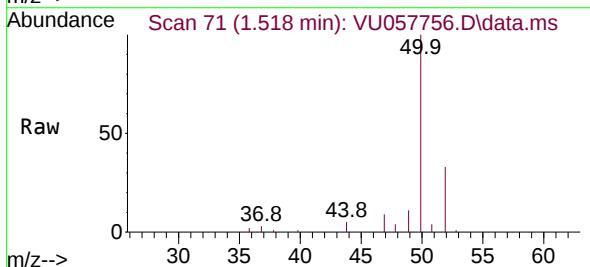
Instrument :
MSVOA_U
ClientSampleId :

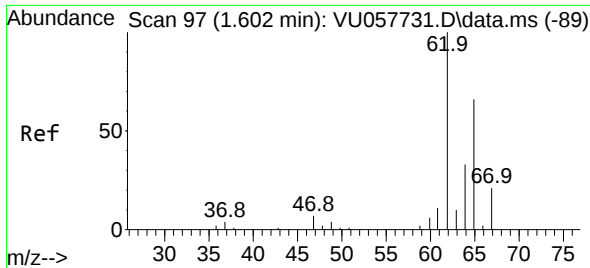
Tgt Ion: 85 Resp: 21627
Ion Ratio Lower Upper
85 100
87 32.8 26.4 39.6



#3
Chloromethane
Concen: 4.041 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU057756.D
Acq: 30 Jan 2024 20:13

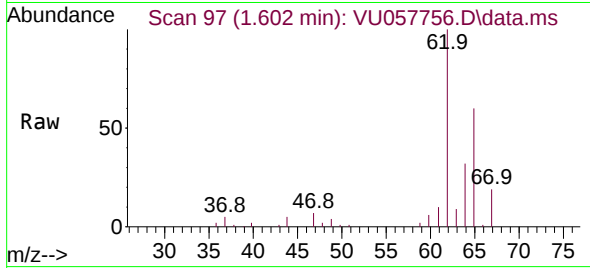
Tgt Ion: 50 Resp: 21998
Ion Ratio Lower Upper
50 100
52 33.4 23.7 43.9



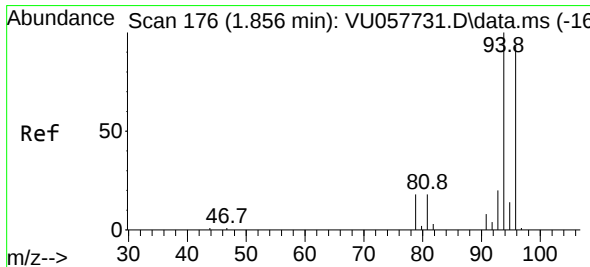
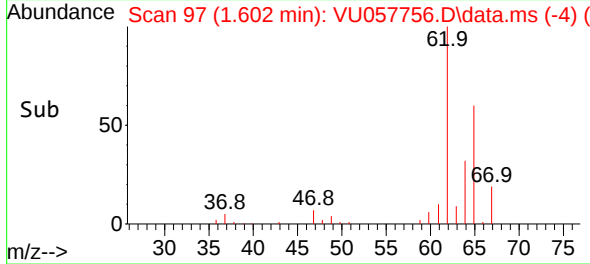
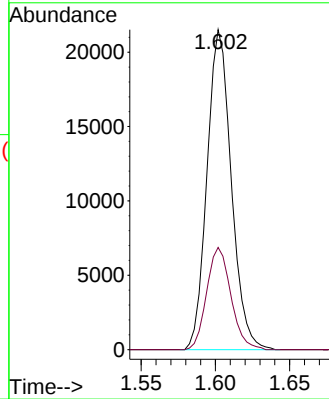


#5
Vinyl chloride
Concen: 4.216 ug/L
RT: 1.602 min Scan# 91
Delta R.T. -0.000 min
Lab File: VU057756.D
Acq: 30 Jan 2024 20:13

Instrument :
MSVOA_U
ClientSampleId :

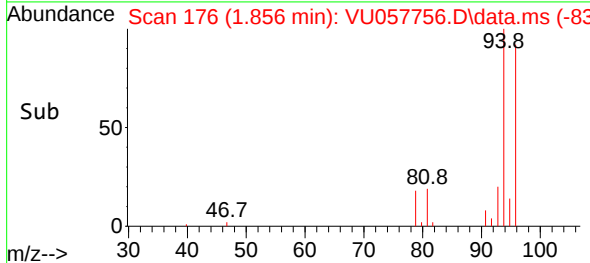
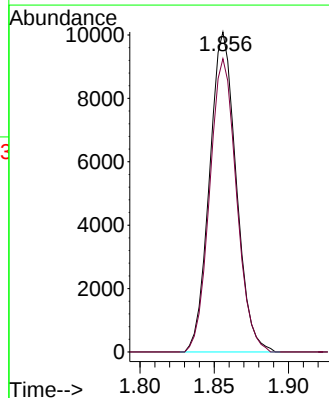
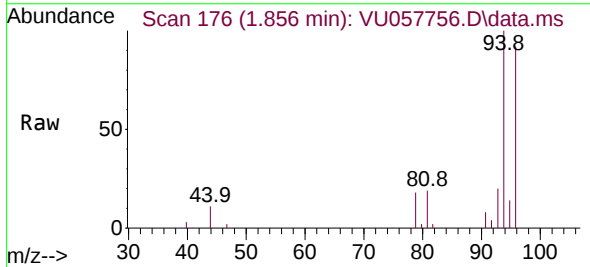


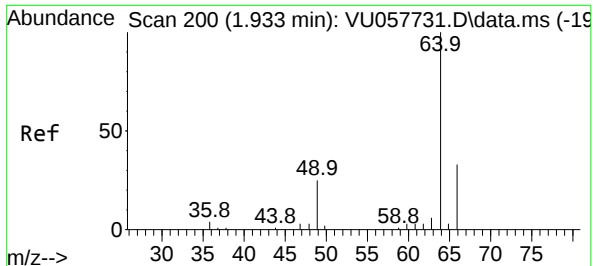
Tgt Ion: 62 Resp: 24430
Ion Ratio Lower Upper
62 100
64 31.9 22.8 42.4



#6
Bromomethane
Concen: 4.171 ug/L
RT: 1.856 min Scan# 176
Delta R.T. -0.000 min
Lab File: VU057756.D
Acq: 30 Jan 2024 20:13

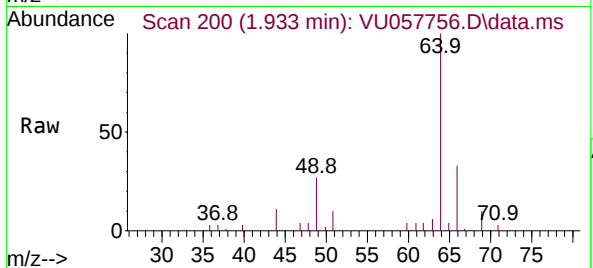
Tgt Ion: 94 Resp: 12601
Ion Ratio Lower Upper
94 100
96 91.6 68.0 126.4



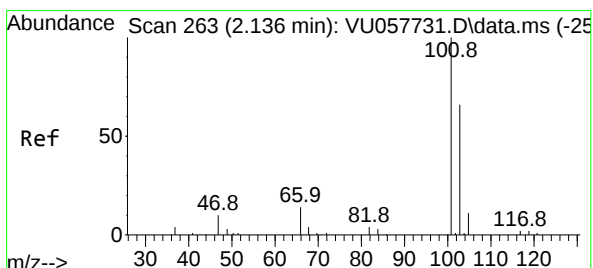
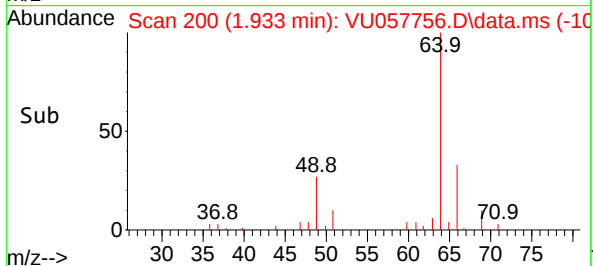
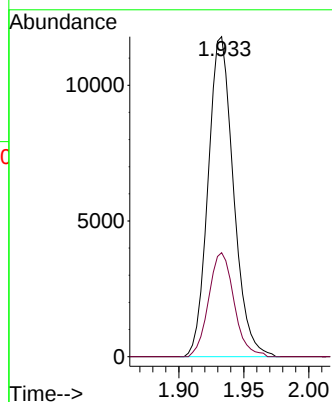


#8
Chloroethane
Concen: 4.619 ug/L
RT: 1.933 min Scan# 200
Delta R.T. -0.000 min
Lab File: VU057756.D
Acq: 30 Jan 2024 20:13

Instrument :
MSVOA_U
ClientSampleId :

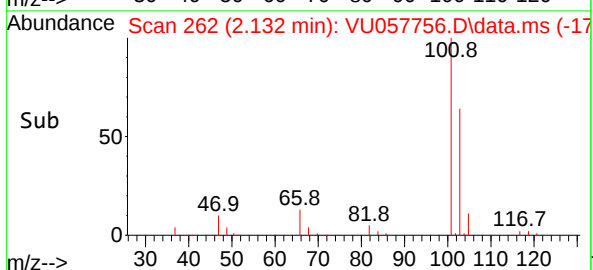
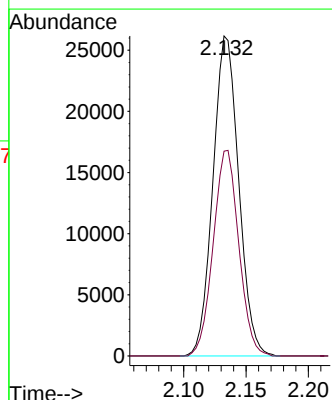
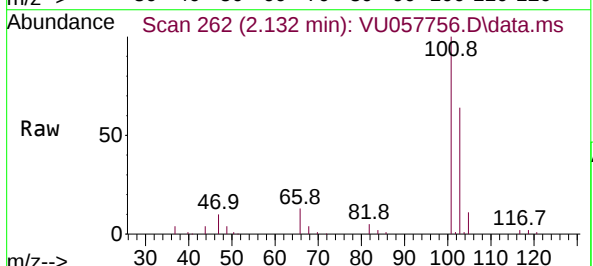


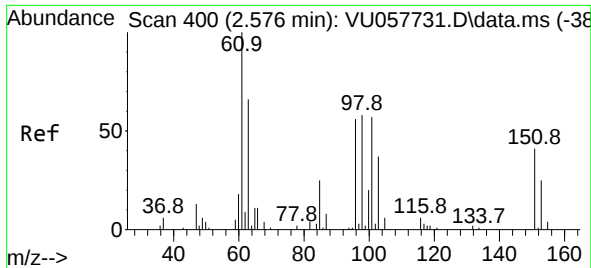
Tgt Ion: 64 Resp: 16029
Ion Ratio Lower Upper
64 100
66 32.5 24.5 45.5



#9
Trichlorofluoromethane
Concen: 4.367 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.003 min
Lab File: VU057756.D
Acq: 30 Jan 2024 20:13

Tgt Ion:101 Resp: 37687
Ion Ratio Lower Upper
101 100
103 63.8 52.2 78.2

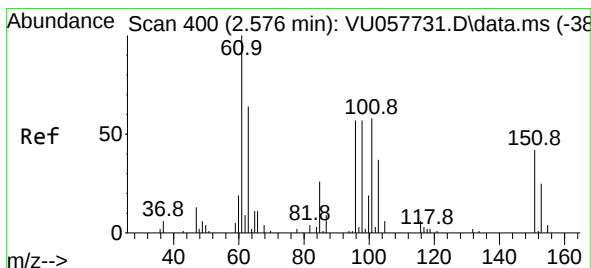
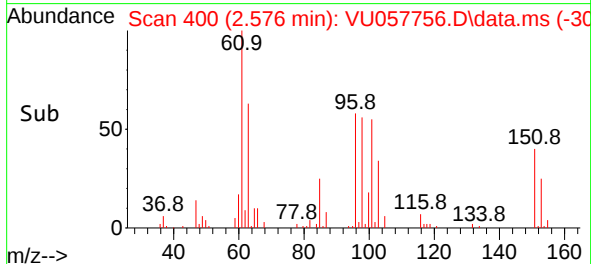
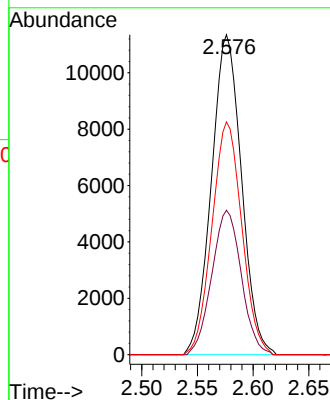
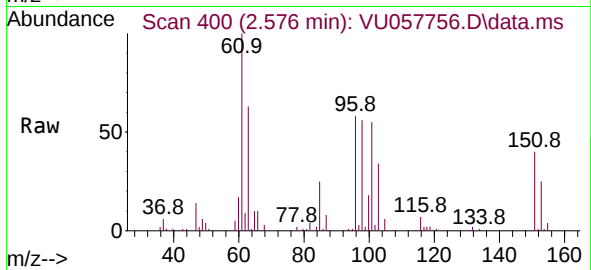




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.240 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU057756.D
 Acq: 30 Jan 2024 20:13

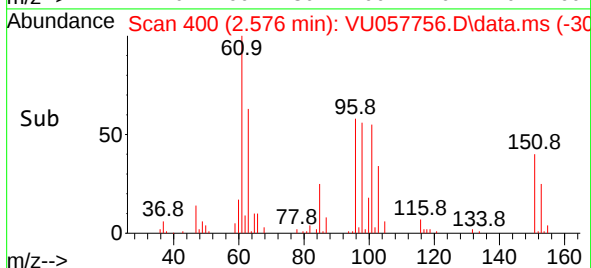
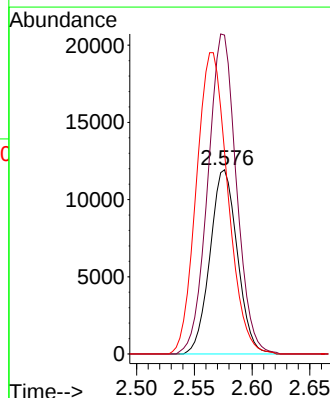
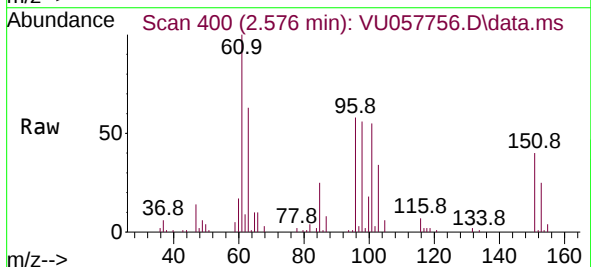
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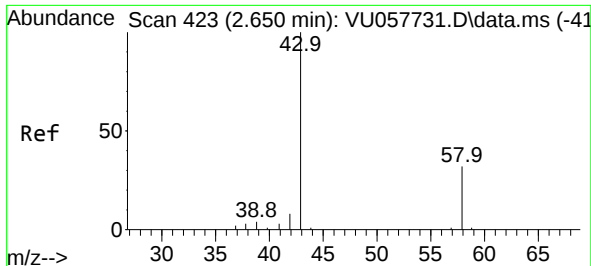
Tgt Ion:101 Resp: 21272
 Ion Ratio Lower Upper
 101 100
 85 44.4 35.8 53.8
 151 72.3 60.0 90.0



#12
 1,1-Dichloroethene
 Concen: 4.204 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU057756.D
 Acq: 30 Jan 2024 20:13

Tgt Ion: 96 Resp: 19617
 Ion Ratio Lower Upper
 96 100
 61 173.2 120.7 224.1
 63 109.9 72.5 134.7





#13

Acetone

Concen: 41.004 ug/L

RT: 2.644 min Scan# 41

Delta R.T. -0.007 min

Lab File: VU057756.D

Acq: 30 Jan 2024 20:13

Instrument :

MSVOA_U

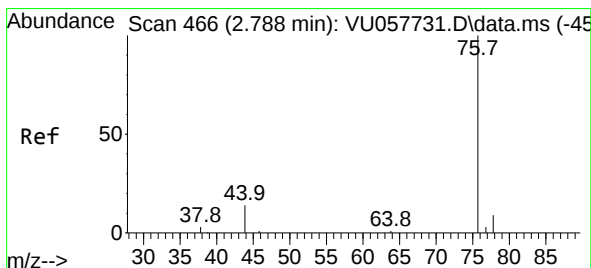
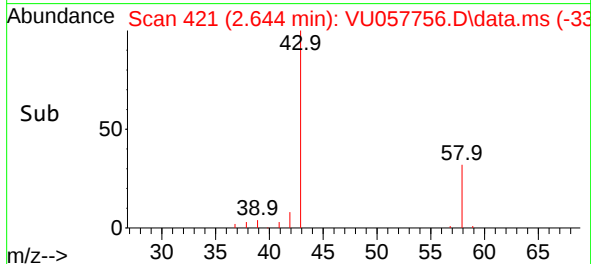
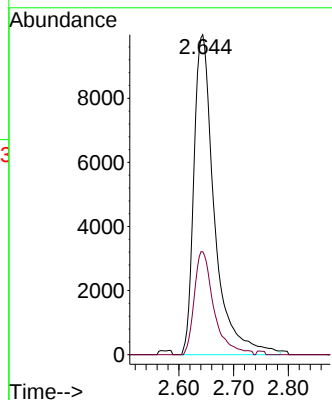
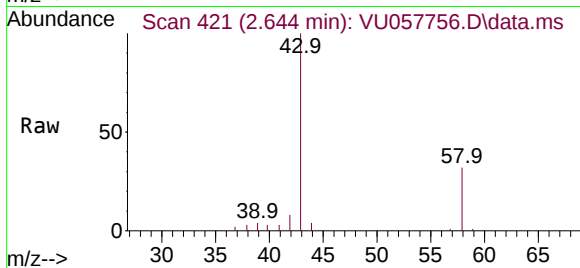
ClientSampleId :

Tgt Ion: 43 Resp: 26004

Ion Ratio Lower Upper

43 100

58 30.8 0.0 61.4



#14

Carbon disulfide

Concen: 4.047 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU057756.D

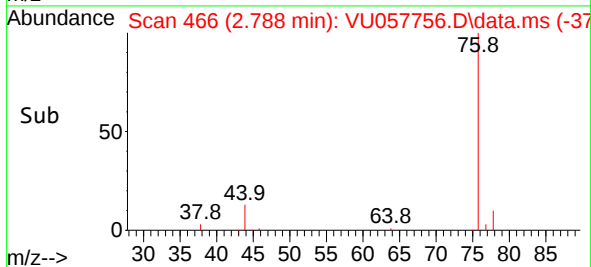
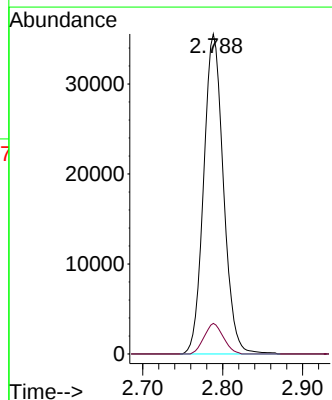
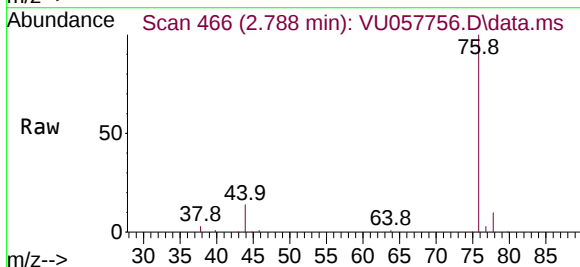
Acq: 30 Jan 2024 20:13

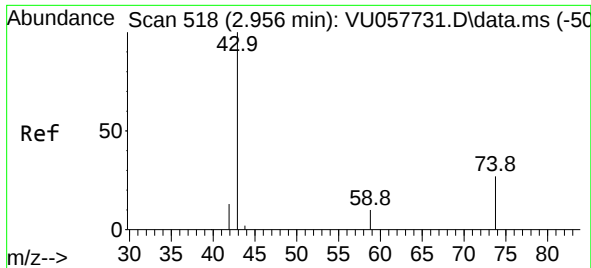
Tgt Ion: 76 Resp: 61226

Ion Ratio Lower Upper

76 100

78 9.5 7.3 10.9

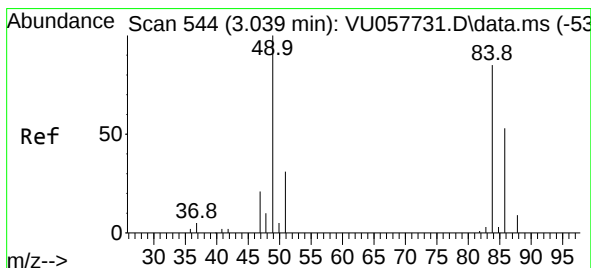
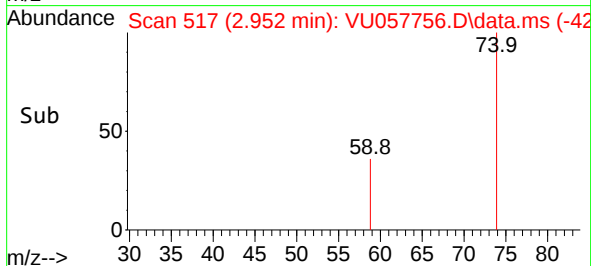
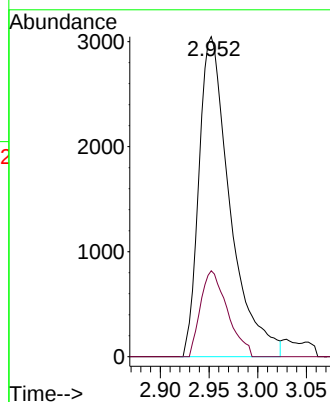
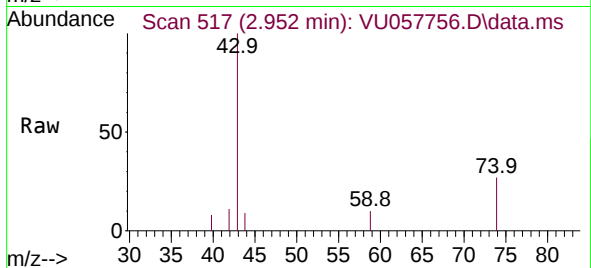




#15
Methyl Acetate
Concen: 4.137 ug/L
RT: 2.952 min Scan# 517
Delta R.T. -0.003 min
Lab File: VU057756.D
Acq: 30 Jan 2024 20:13

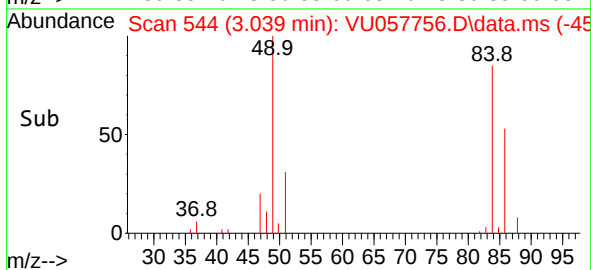
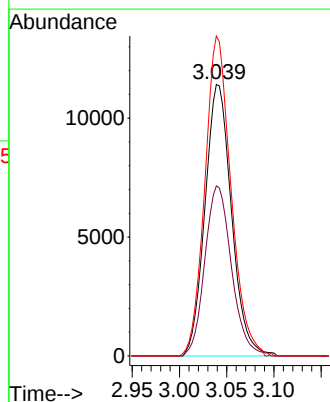
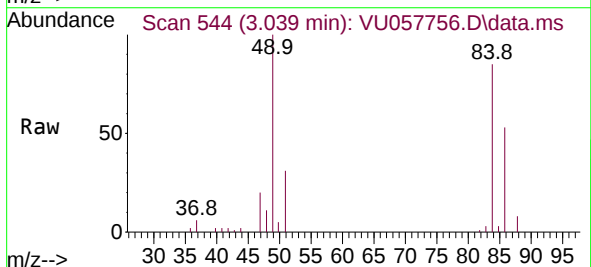
Instrument :
MSVOA_U
ClientSampleId :

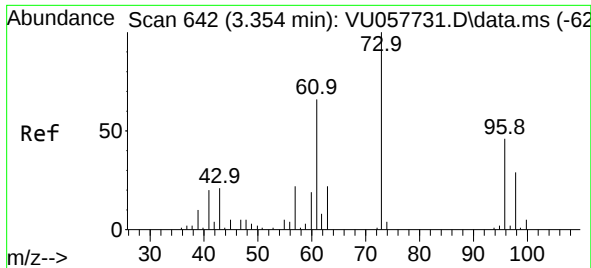
Tgt Ion: 43 Resp: 6750
Ion Ratio Lower Upper
43 100
74 23.3 20.7 31.1



#16
Methylene chloride
Concen: 4.447 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU057756.D
Acq: 30 Jan 2024 20:13

Tgt Ion: 84 Resp: 22278
Ion Ratio Lower Upper
84 100
86 62.6 43.5 80.9
49 123.4 82.5 153.1

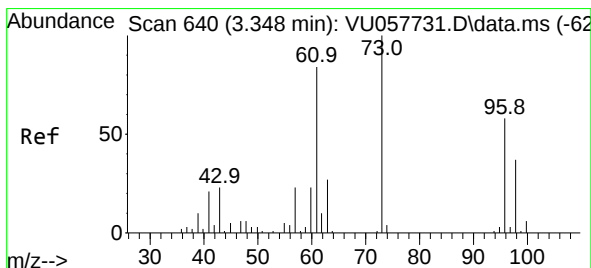
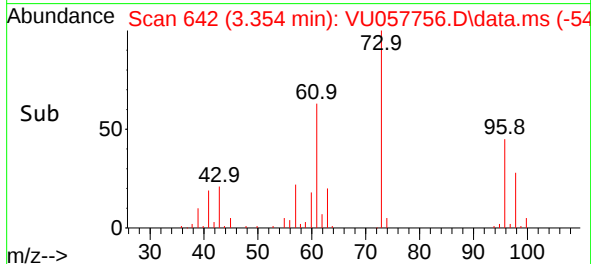
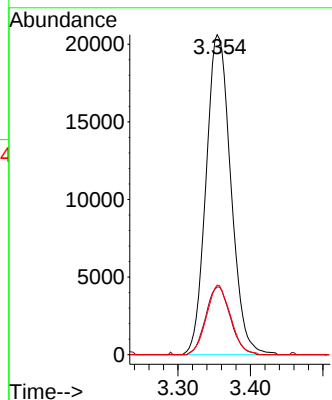
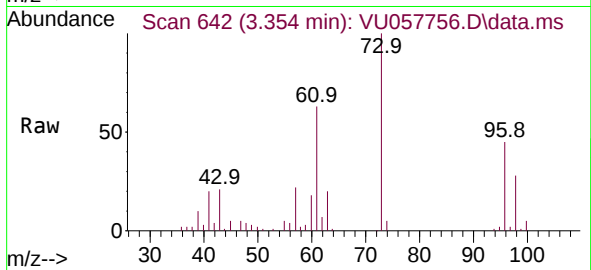




#17
Methyl tert-butyl Ether
Concen: 4.409 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU057756.D
Acq: 30 Jan 2024 20:13

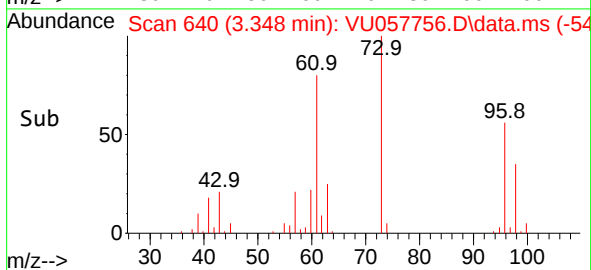
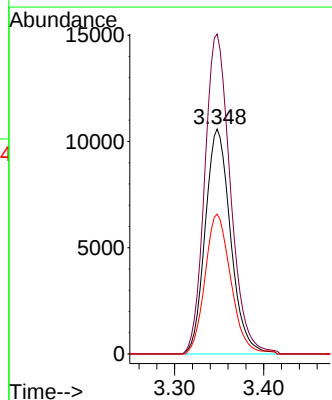
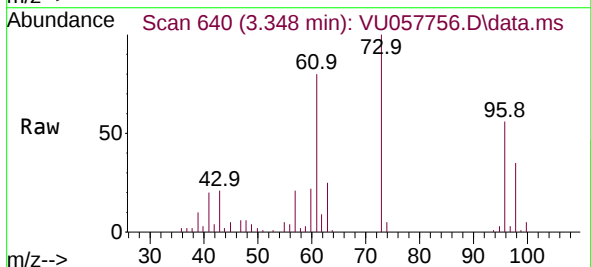
Instrument :
MSVOA_U
ClientSampleId :

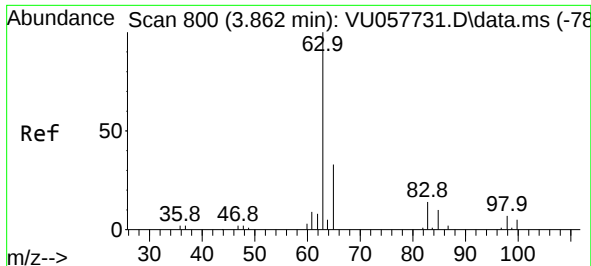
Tgt Ion: 73 Resp: 48922
Ion Ratio Lower Upper
73 100
43 21.1 17.3 25.9
57 21.1 17.7 26.5



#18
trans-1,2-Dichloroethene
Concen: 4.268 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU057756.D
Acq: 30 Jan 2024 20:13

Tgt Ion: 96 Resp: 20977
Ion Ratio Lower Upper
96 100
61 142.2 99.3 184.5
98 62.1 44.5 82.7





#19

1,1-Dichloroethane

Concen: 4.442 ug/L

RT: 3.862 min Scan# 80

Delta R.T. -0.000 min

Lab File: VU057756.D

Acq: 30 Jan 2024 20:13

Instrument :

MSVOA_U

ClientSampleId :

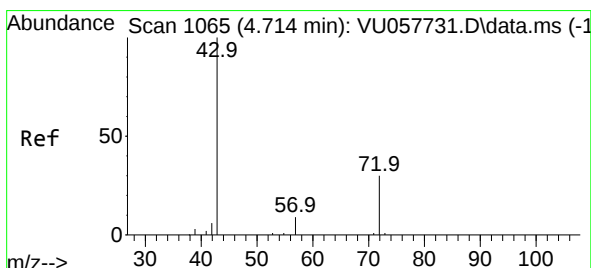
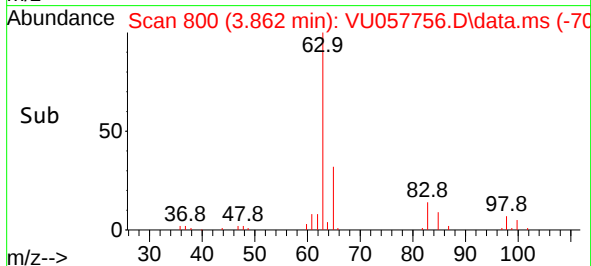
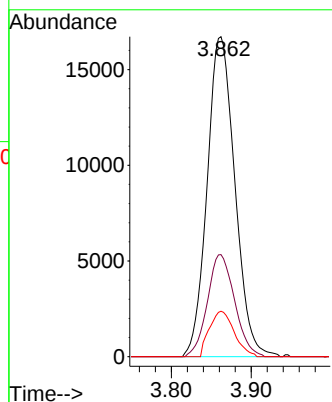
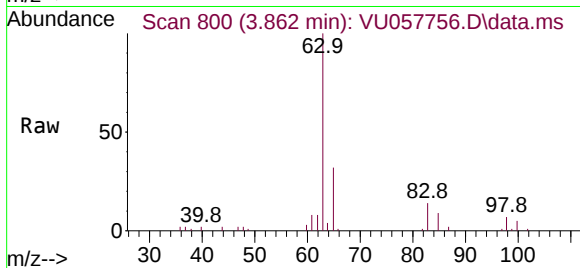
Tgt Ion: 63 Resp: 40318

Ion Ratio Lower Upper

63 100

65 31.2 23.0 42.8

83 13.6 9.7 17.9



#21

2-Butanone

Concen: 41.683 ug/L

RT: 4.708 min Scan# 1063

Delta R.T. -0.007 min

Lab File: VU057756.D

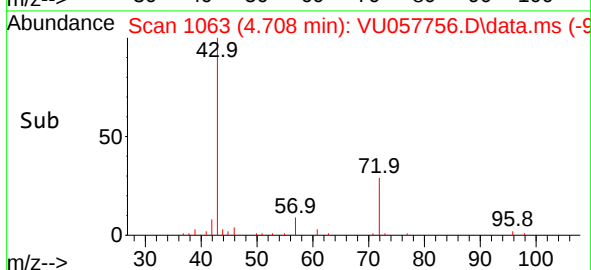
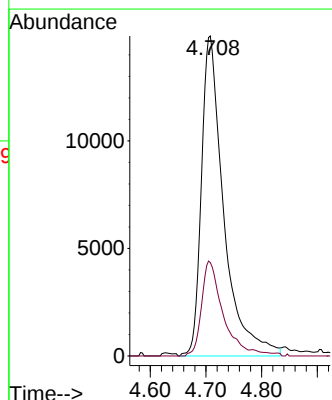
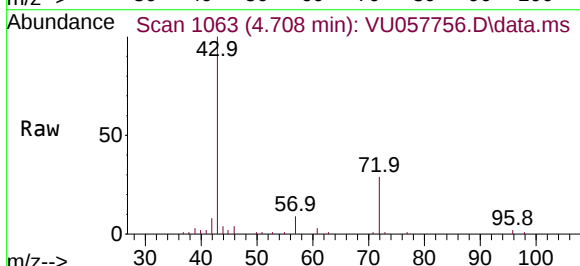
Acq: 30 Jan 2024 20:13

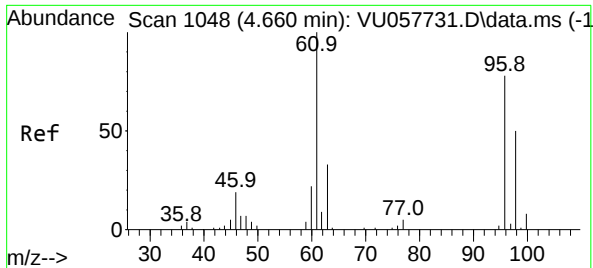
Tgt Ion: 43 Resp: 41465

Ion Ratio Lower Upper

43 100

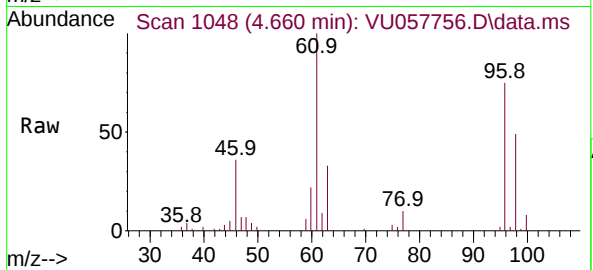
72 27.6 14.7 44.1





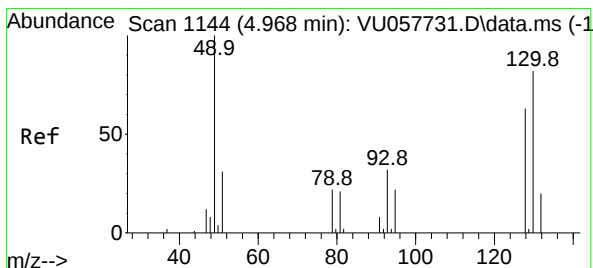
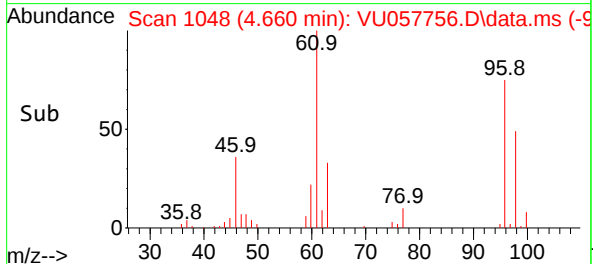
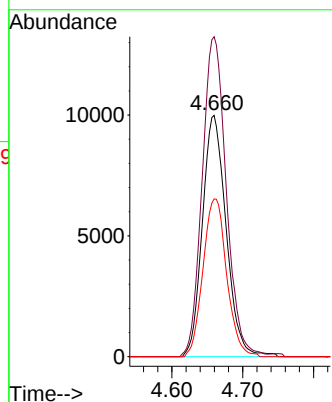
#22
cis-1,2-Dichloroethene
Concen: 4.410 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU057756.D
Acq: 30 Jan 2024 20:13

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 23305

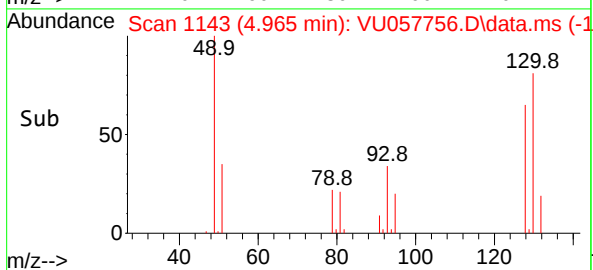
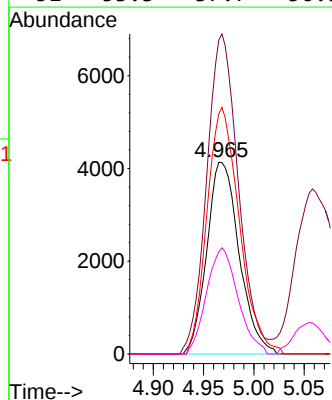
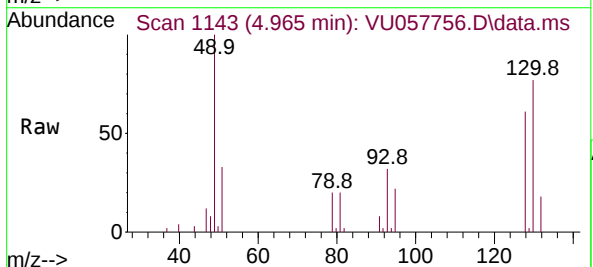
Ion	Ratio	Lower	Upper
96	100		
61	132.6	92.7	172.1
98	65.4	44.9	83.5

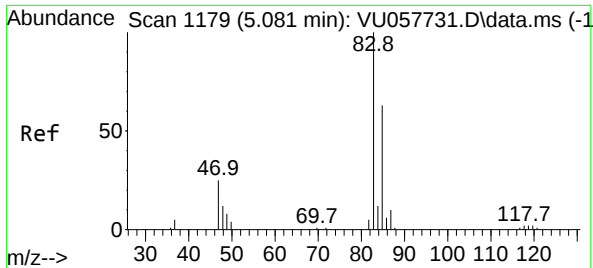


#23
Bromochloromethane
Concen: 4.349 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.003 min
Lab File: VU057756.D
Acq: 30 Jan 2024 20:13

Tgt Ion: 128 Resp: 9232

Ion	Ratio	Lower	Upper
128	100		
49	169.0	111.5	207.1
130	125.2	87.2	162.0
51	53.3	37.7	56.5

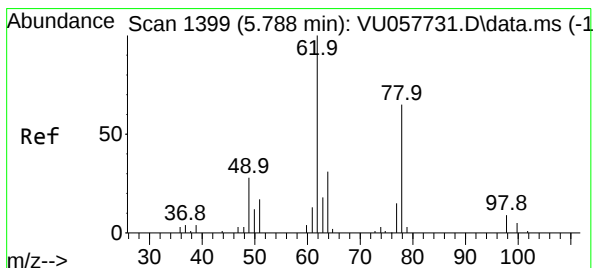
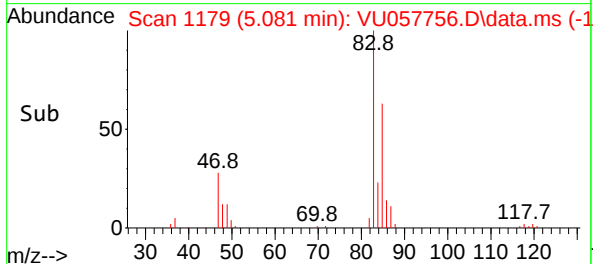
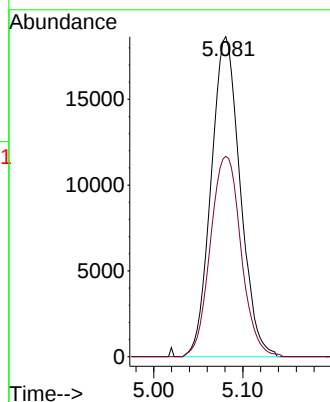
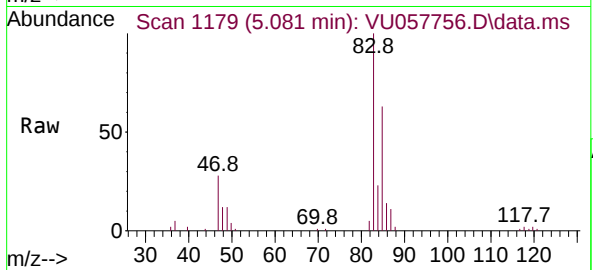




#25
Chloroform
Concen: 4.385 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VU057756.D
Acq: 30 Jan 2024 20:13

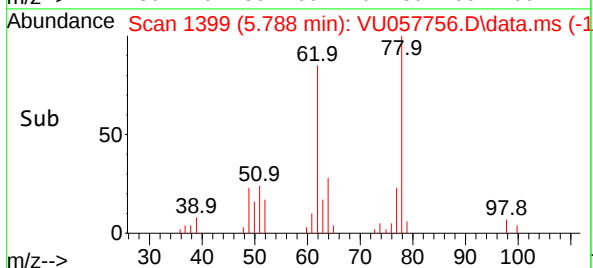
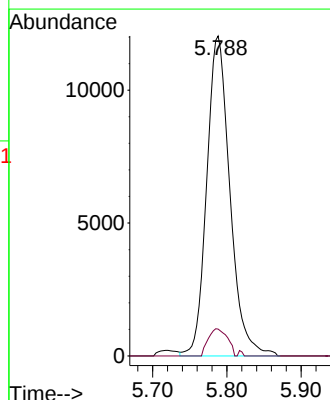
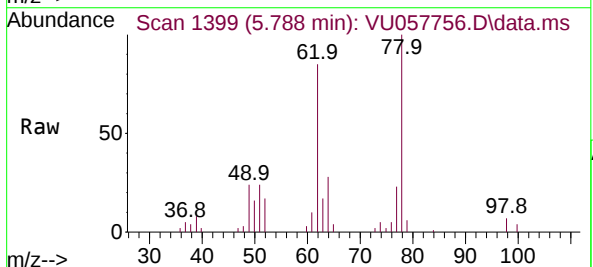
Instrument :
MSVOA_U
ClientSampleId :

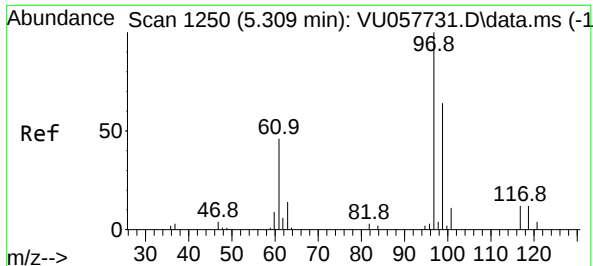
Tgt Ion: 83 Resp: 42230
Ion Ratio Lower Upper
83 100
85 62.6 46.1 85.5



#27
1,2-Dichloroethane
Concen: 4.659 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VU057756.D
Acq: 30 Jan 2024 20:13

Tgt Ion: 62 Resp: 26137
Ion Ratio Lower Upper
62 100
98 8.4 6.9 10.3

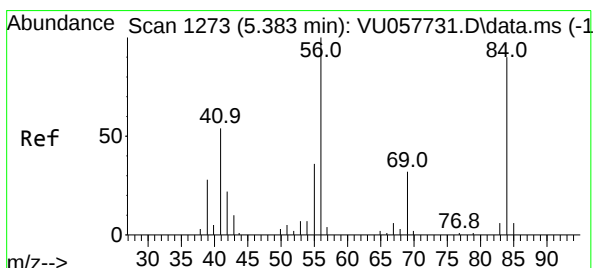
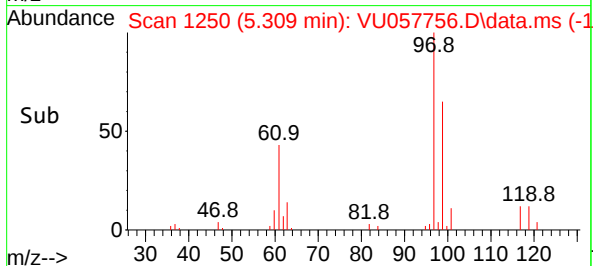
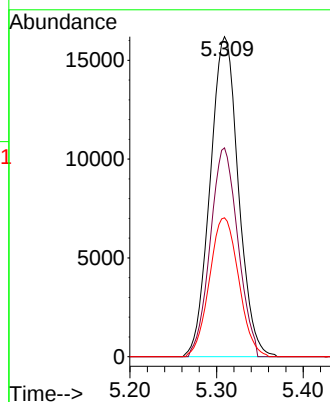
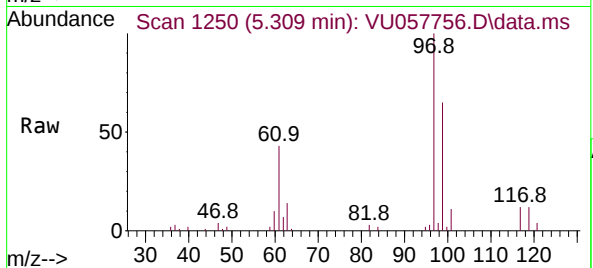




#29
1,1,1-Trichloroethane
Concen: 4.250 ug/L
RT: 5.309 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU057756.D
Acq: 30 Jan 2024 20:13

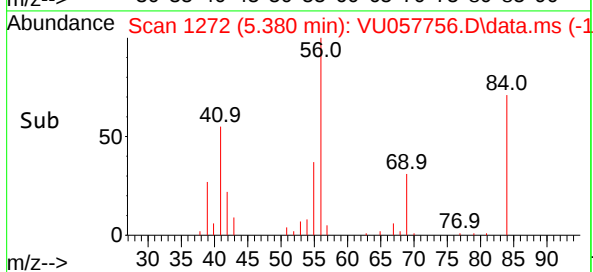
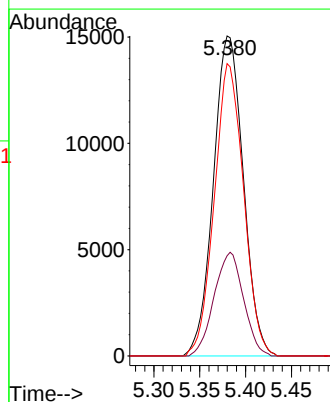
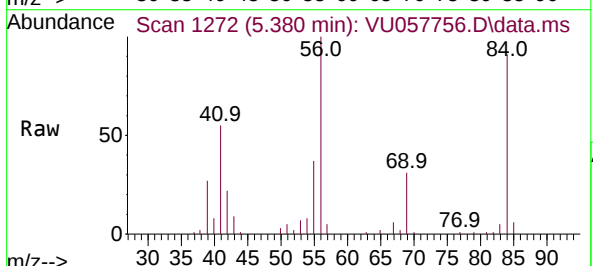
Instrument :
MSVOA_U
ClientSampleId :

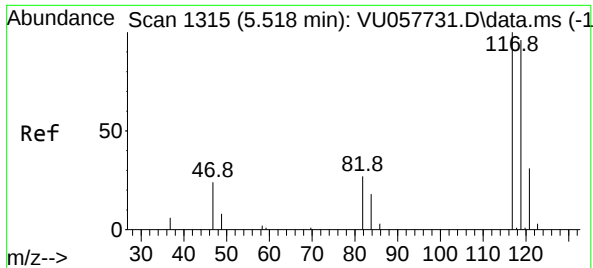
Tgt Ion:	97	Resp:	36692
Ion	Ratio	Lower	Upper
97	100		
99	63.8	52.0	78.0
61	45.0	35.3	52.9



#30
Cyclohexane
Concen: 4.099 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.003 min
Lab File: VU057756.D
Acq: 30 Jan 2024 20:13

Tgt Ion:	56	Resp:	34145
Ion	Ratio	Lower	Upper
56	100		
69	31.9	25.8	38.8
84	89.3	72.0	108.0

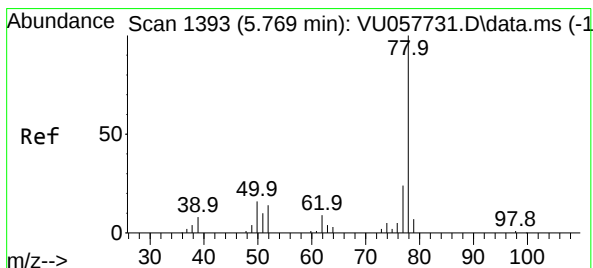
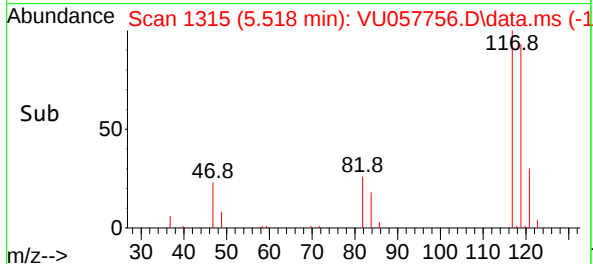
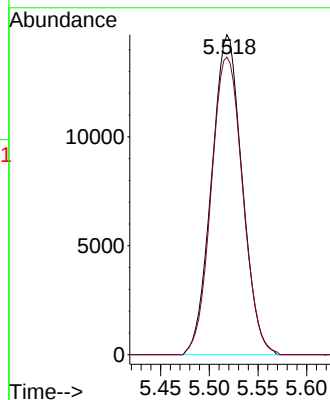
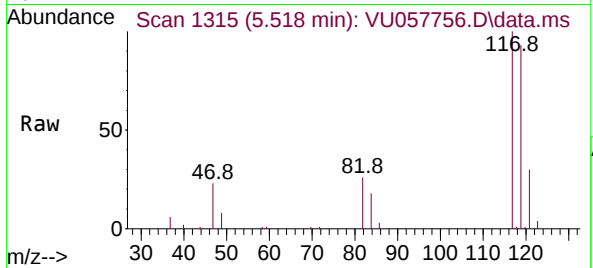




#31
Carbon tetrachloride
Concen: 4.212 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU057756.D
Acq: 30 Jan 2024 20:13

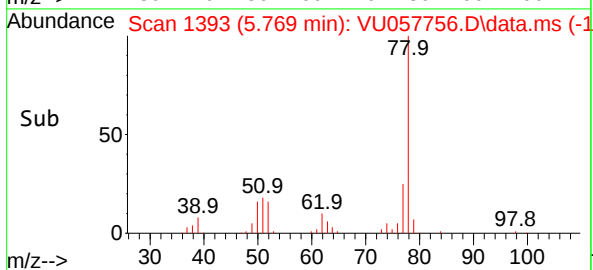
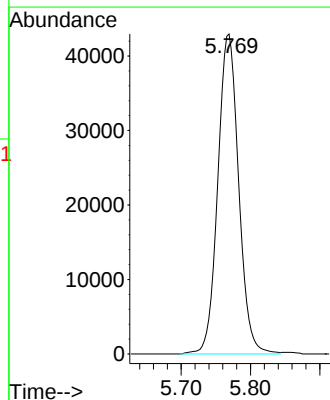
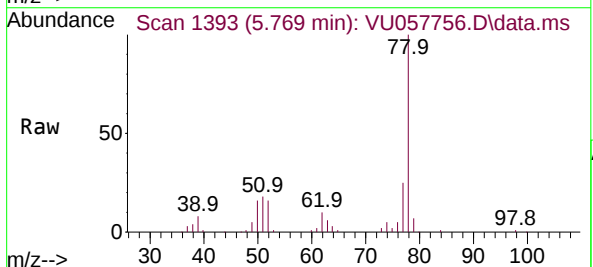
Instrument :
MSVOA_U
ClientSampleId :

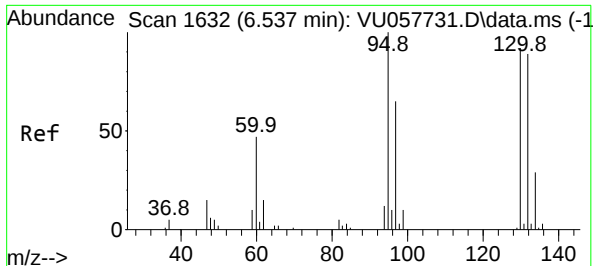
Tgt Ion:117 Resp: 32084
Ion Ratio Lower Upper
117 100
119 95.6 75.6 113.4



#33
Benzene
Concen: 4.457 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU057756.D
Acq: 30 Jan 2024 20:13

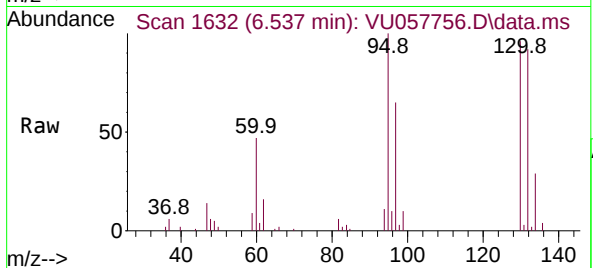
Tgt Ion: 78 Resp: 89921





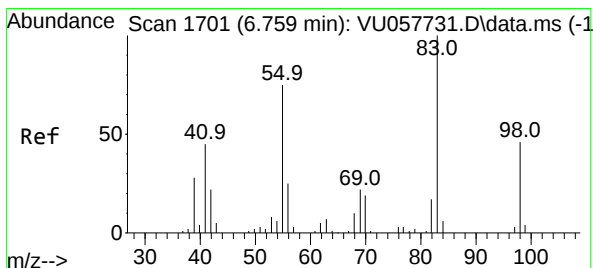
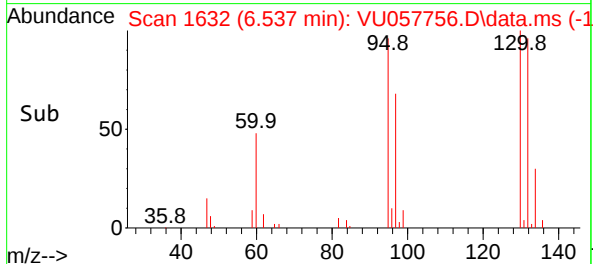
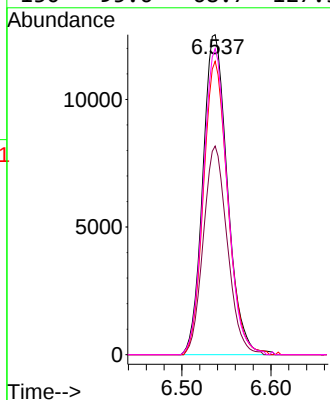
#34
Trichloroethene
Concen: 4.337 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU057756.D
Acq: 30 Jan 2024 20:13

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 24124

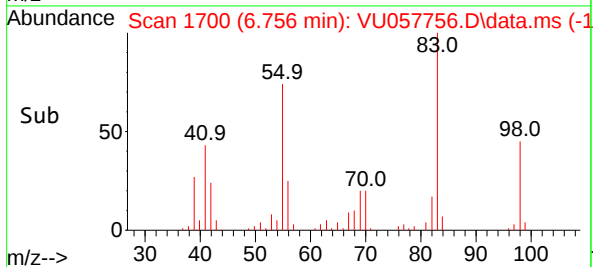
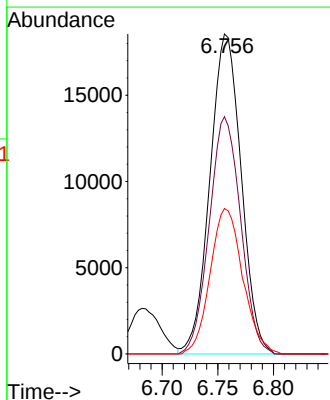
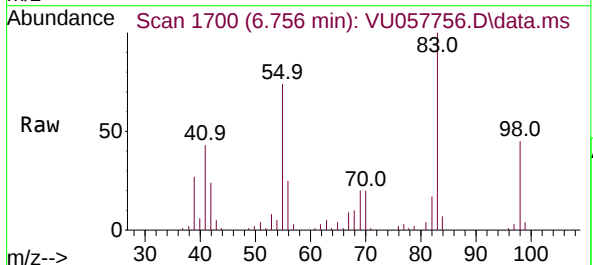
Ion	Ratio	Lower	Upper
95	100		
97	65.2	46.1	85.5
132	91.7	66.1	122.8
130	95.6	68.7	127.5

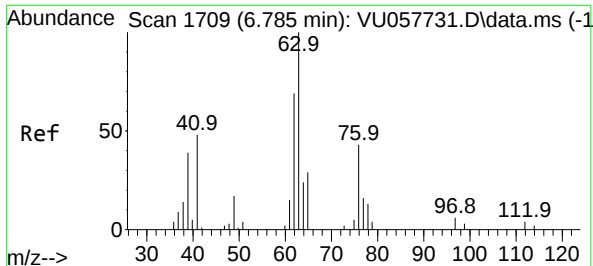


#35
Methylcyclohexane
Concen: 4.032 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.003 min
Lab File: VU057756.D
Acq: 30 Jan 2024 20:13

Tgt Ion: 83 Resp: 36229

Ion	Ratio	Lower	Upper
83	100		
55	74.3	61.4	92.0
98	47.4	38.2	57.4

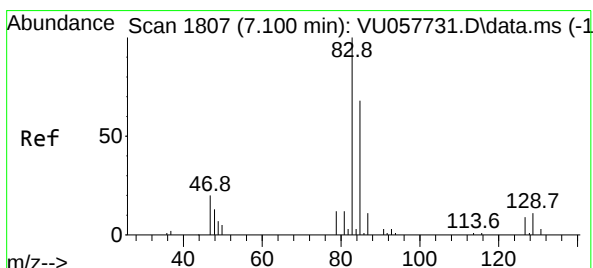
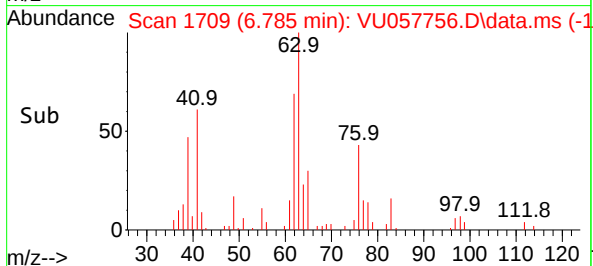
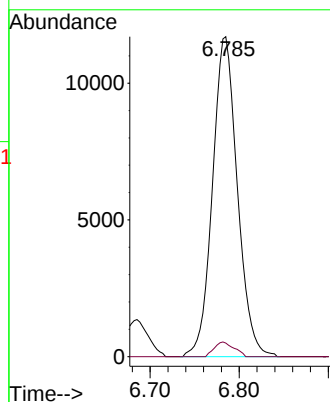
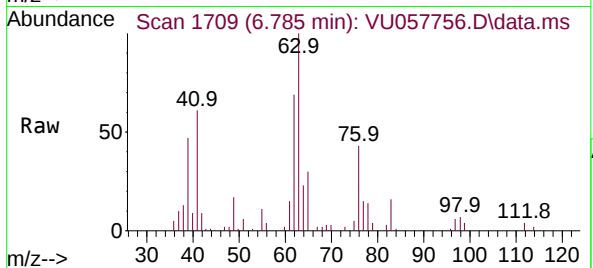




#37
1,2-Dichloropropane
Concen: 4.498 ug/L
RT: 6.785 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU057756.D
Acq: 30 Jan 2024 20:13

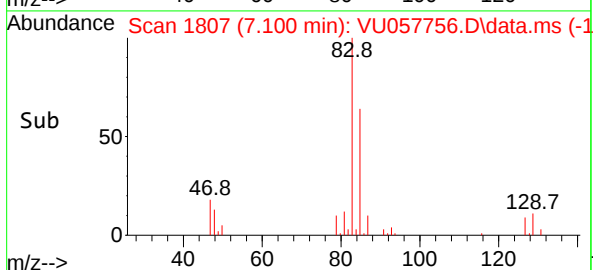
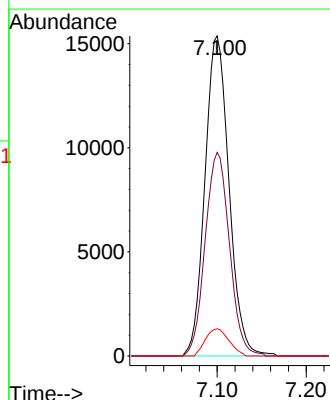
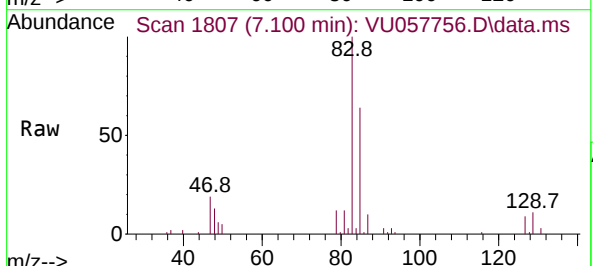
Instrument :
MSVOA_U
ClientSampleId :

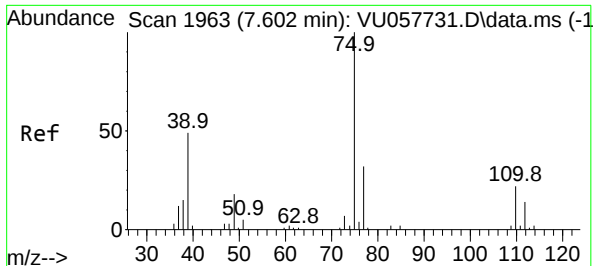
Tgt Ion: 63 Resp: 22702
Ion Ratio Lower Upper
63 100
112 3.6 3.0 4.4



#38
Bromodichloromethane
Concen: 4.242 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU057756.D
Acq: 30 Jan 2024 20:13

Tgt Ion: 83 Resp: 28812
Ion Ratio Lower Upper
83 100
85 63.6 44.7 83.1
127 8.5 6.4 9.6

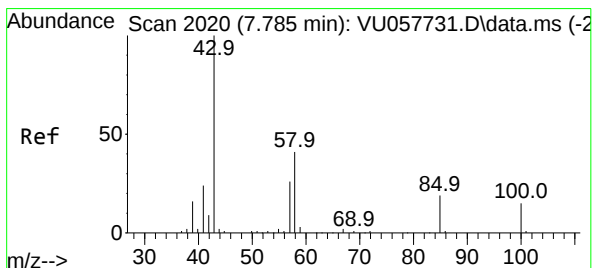
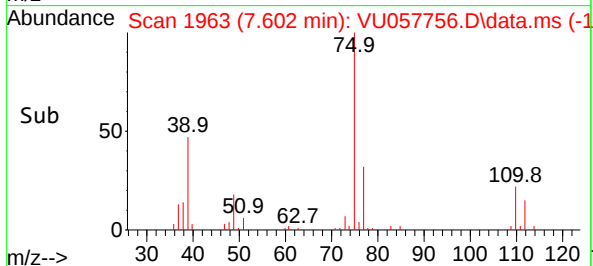
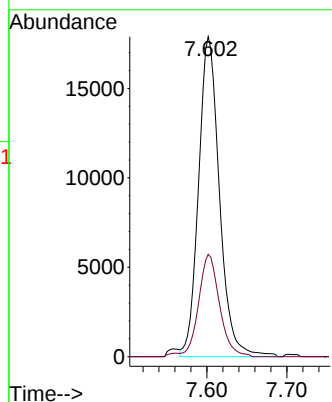
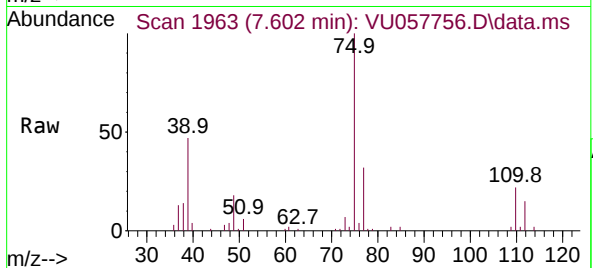




#39
 cis-1,3-Dichloropropene
 Concen: 4.158 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU057756.D
 Acq: 30 Jan 2024 20:13

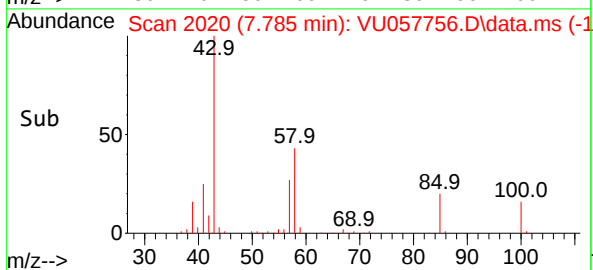
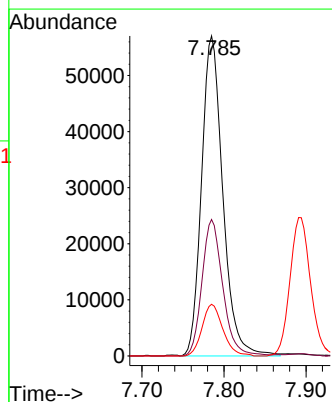
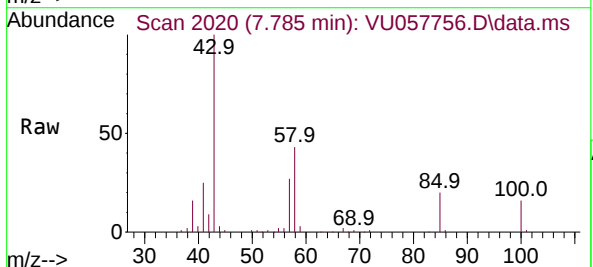
Instrument :
 MSVOA_U
 ClientSampleId :

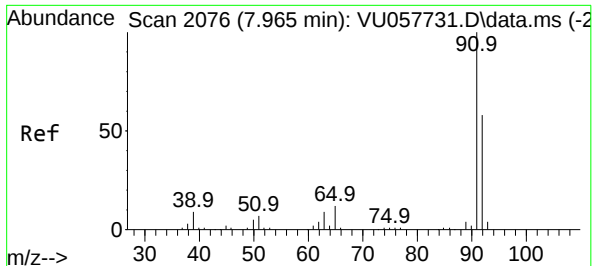
Tgt Ion: 75 Resp: 32611
 Ion Ratio Lower Upper
 75 100
 77 32.0 22.9 42.5



#40
 4-Methyl-2-pentanone
 Concen: 42.695 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. -0.000 min
 Lab File: VU057756.D
 Acq: 30 Jan 2024 20:13

Tgt Ion: 43 Resp: 102823
 Ion Ratio Lower Upper
 43 100
 58 41.6 32.3 48.5
 100 15.8 12.6 18.8





#42

Toluene

Concen: 4.370 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU057756.D

Acq: 30 Jan 2024 20:13

Instrument :

MSVOA_U

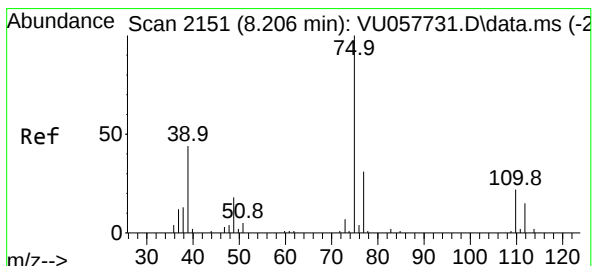
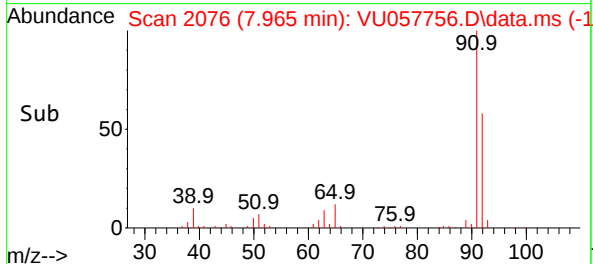
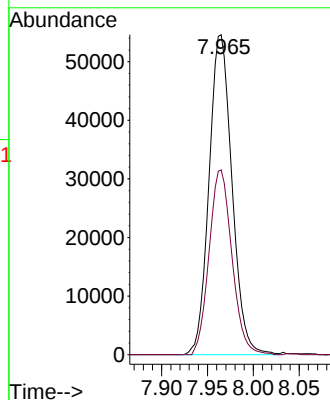
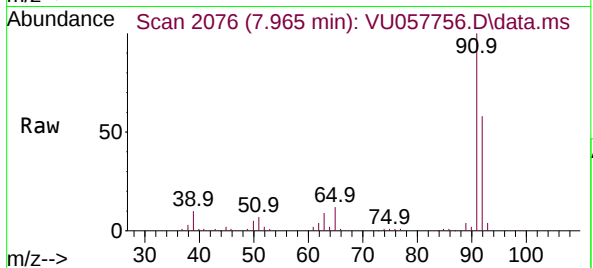
ClientSampleId :

Tgt Ion: 91 Resp: 95052

Ion Ratio Lower Upper

91 100

92 57.7 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 4.137 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU057756.D

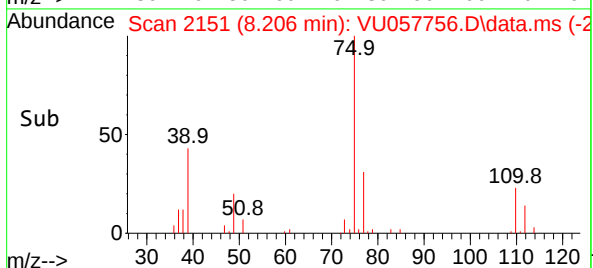
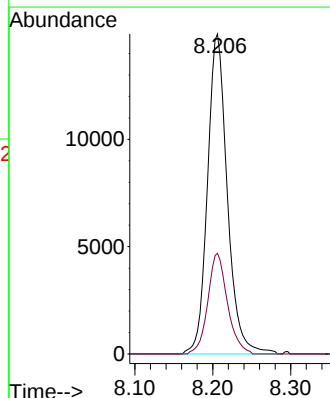
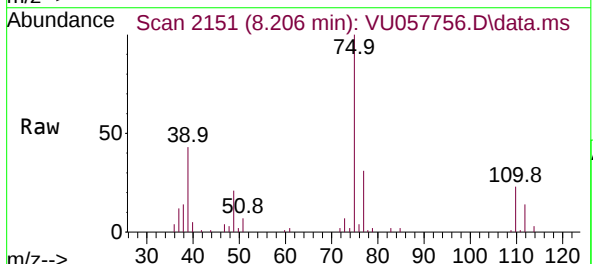
Acq: 30 Jan 2024 20:13

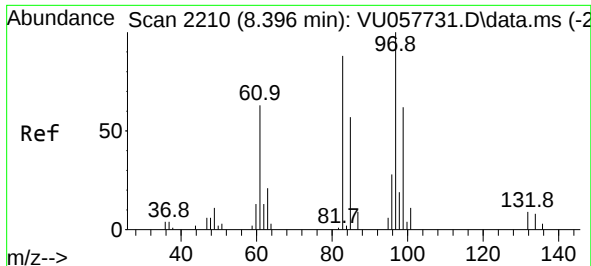
Tgt Ion: 75 Resp: 26368

Ion Ratio Lower Upper

75 100

77 31.5 21.3 39.6

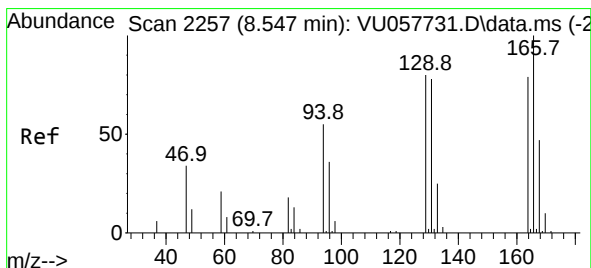
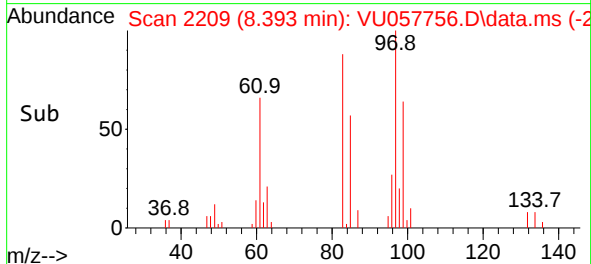
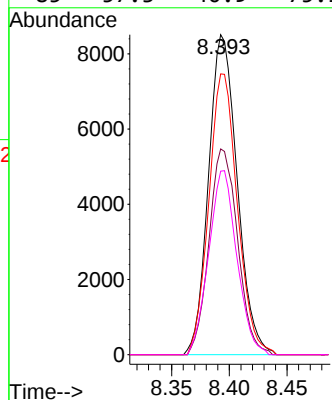
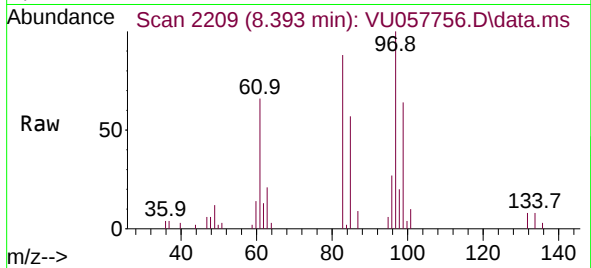




#45
1,1,2-Trichloroethane
Concen: 4.476 ug/L
RT: 8.393 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057756.D
Acq: 30 Jan 2024 20:13

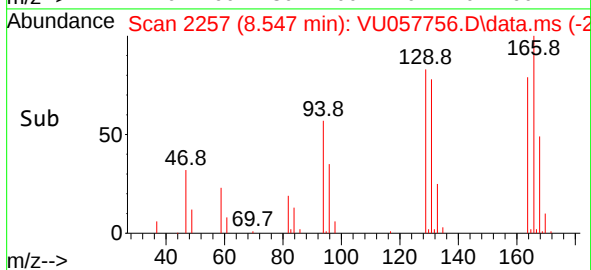
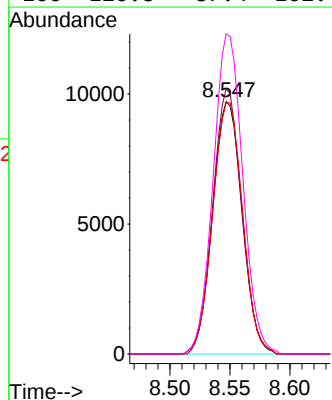
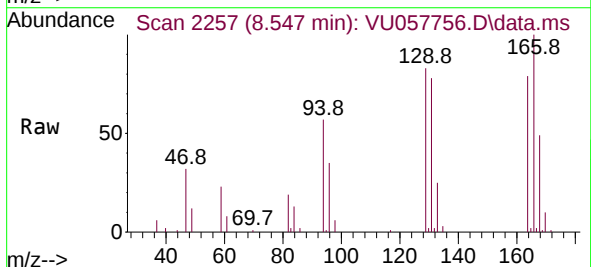
Instrument :
MSVOA_U
ClientSampleId :

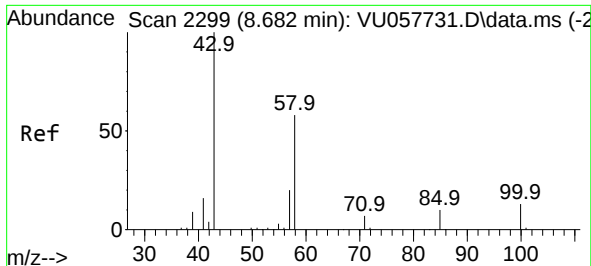
Tgt Ion: 97	Resp: 14695
Ion Ratio	Lower Upper
97 100	
99 64.3	45.1 83.7
83 87.7	62.3 115.7
85 57.3	40.9 75.9



#47
Tetrachloroethene
Concen: 4.075 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU057756.D
Acq: 30 Jan 2024 20:13

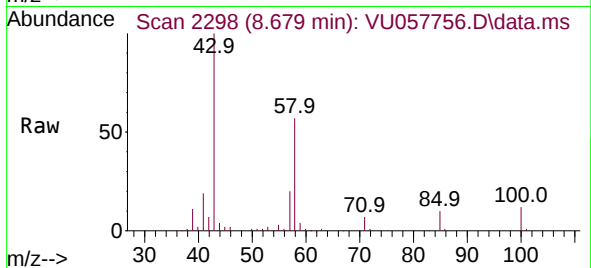
Tgt	Ion:164	Resp:	16654
Ion	Ratio	Lower	Upper
164	100		
129	105.1	71.3	132.5
131	99.5	68.1	126.5
166	126.8	87.4	162.4



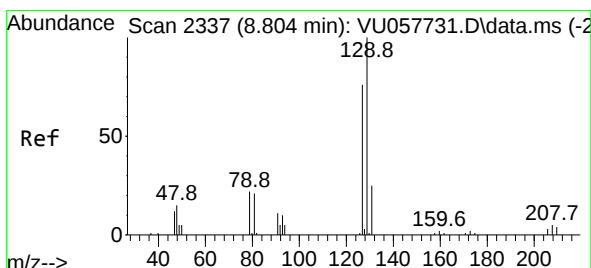
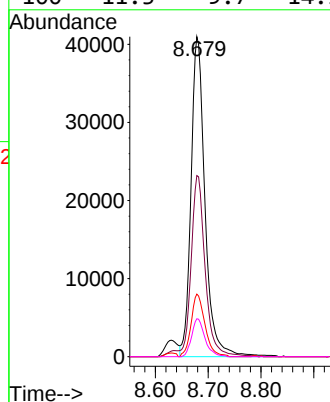
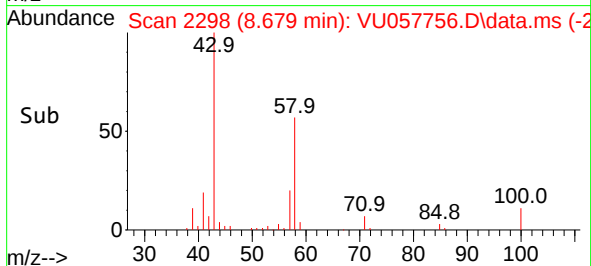


#48
2-Hexanone
Concen: 44.591 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057756.D
Acq: 30 Jan 2024 20:13

Instrument :
MSVOA_U
ClientSampleId :

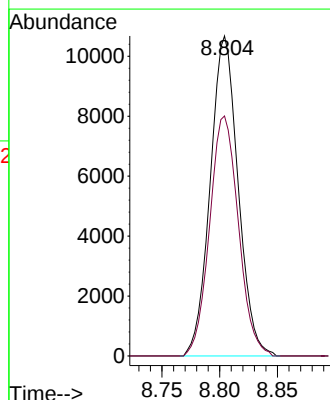
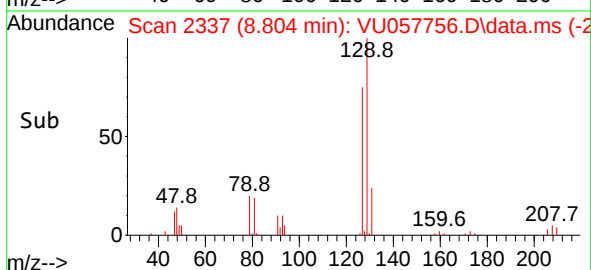
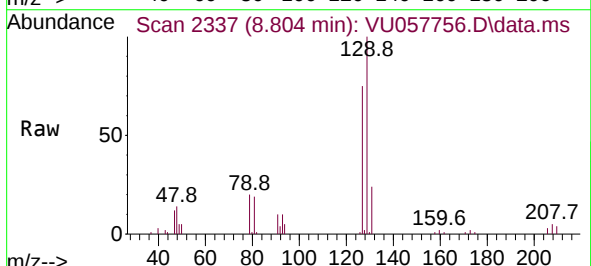


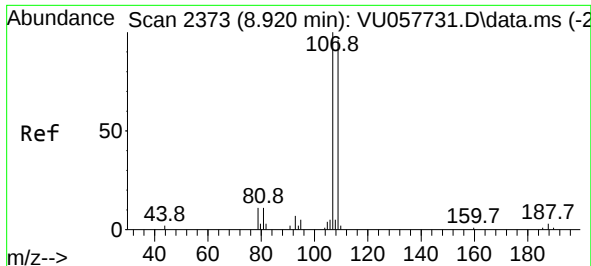
Tgt Ion: 43 Resp: 75355
Ion Ratio Lower Upper
43 100
58 56.7 44.3 66.5
57 19.5 15.5 23.3
100 11.3 9.7 14.5



#49
Dibromochloromethane
Concen: 4.215 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU057756.D
Acq: 30 Jan 2024 20:13

Tgt Ion: 129 Resp: 17919
Ion Ratio Lower Upper
129 100
127 75.0 54.5 101.1





#50

1,2-Dibromoethane

Concen: 4.295 ug/L

RT: 8.917 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU057756.D

Acq: 30 Jan 2024 20:13

Instrument :

MSVOA_U

ClientSampleId :

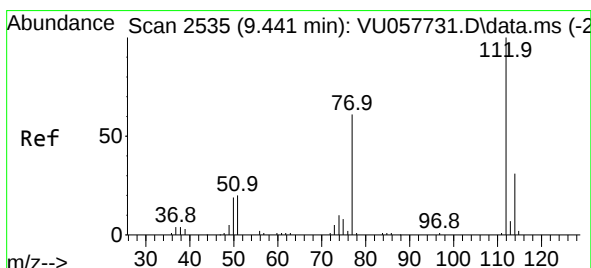
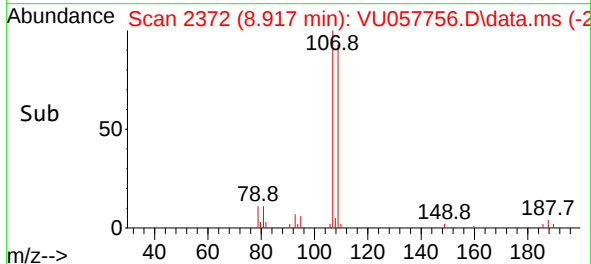
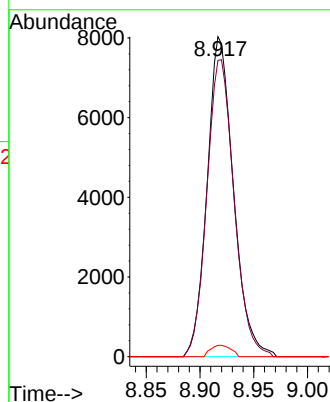
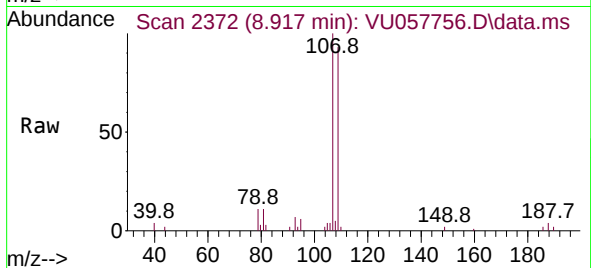
Tgt Ion:107 Resp: 13683

Ion Ratio Lower Upper

107 100

109 92.6 64.5 119.9

188 3.5 2.9 4.3



#51

Chlorobenzene

Concen: 4.307 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.000 min

Lab File: VU057756.D

Acq: 30 Jan 2024 20:13

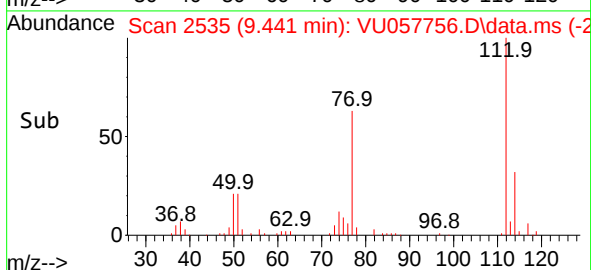
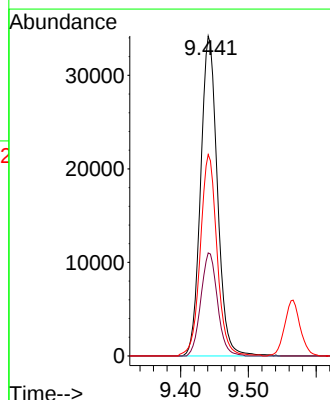
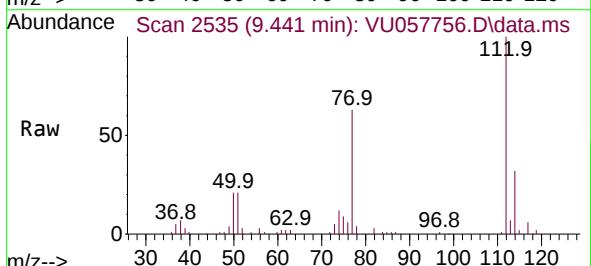
Tgt Ion:112 Resp: 58764

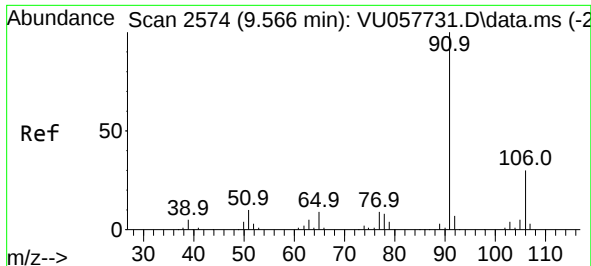
Ion Ratio Lower Upper

112 100

114 32.2 22.0 40.8

77 62.9 49.2 73.8

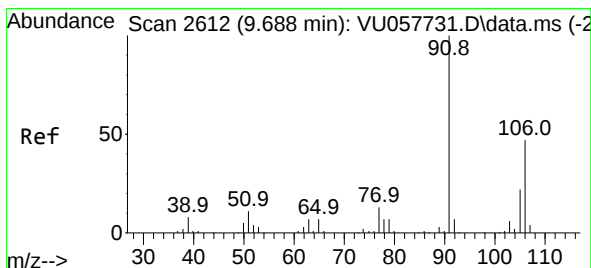
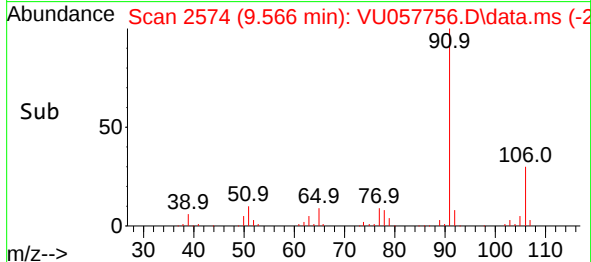
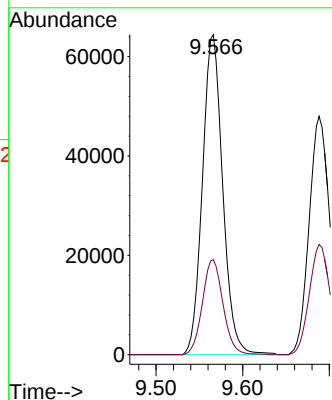
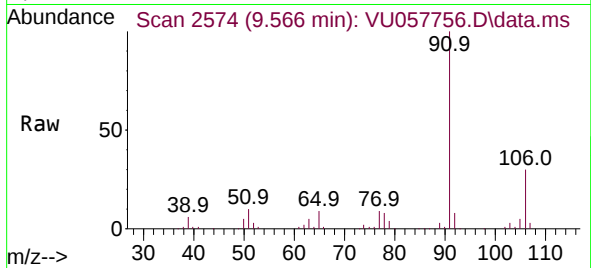




#52
Ethylbenzene
Concen: 4.280 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. -0.000 min
Lab File: VU057756.D
Acq: 30 Jan 2024 20:13

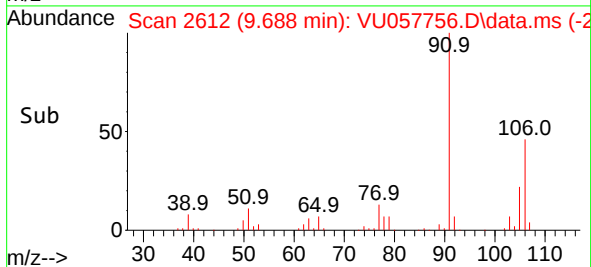
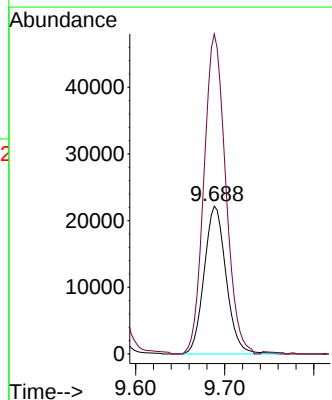
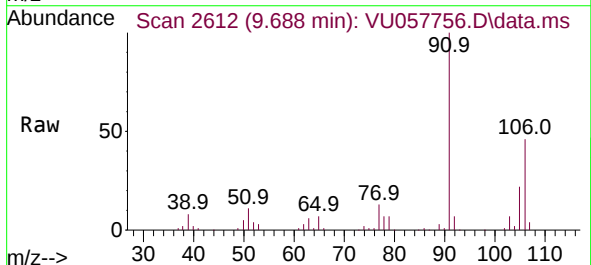
Instrument :
MSVOA_U
ClientSampleId :

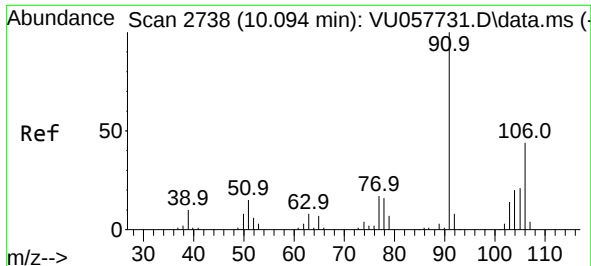
Tgt Ion: 91 Resp: 104906
Ion Ratio Lower Upper
91 100
106 29.7 21.3 39.5



#53
m,p-Xylene
Concen: 4.194 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU057756.D
Acq: 30 Jan 2024 20:13

Tgt Ion:106 Resp: 37929
Ion Ratio Lower Upper
106 100
91 216.4 146.9 272.9

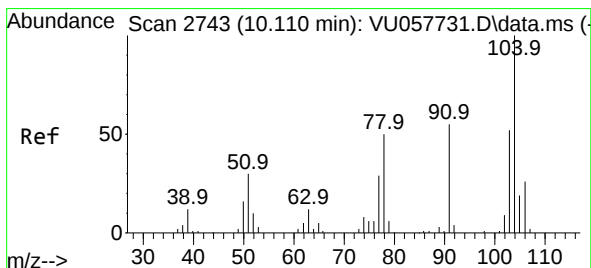
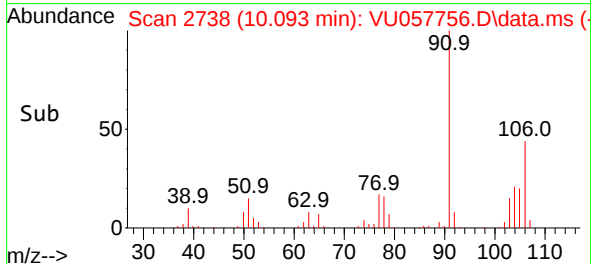
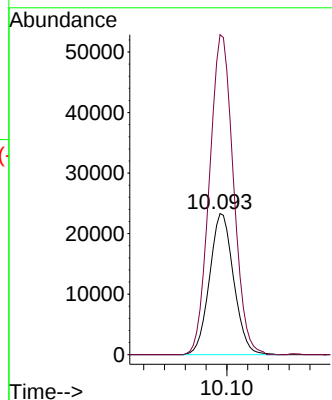
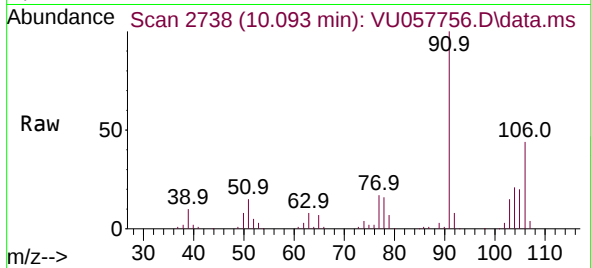




#54
o-Xylene
Concen: 4.262 ug/L
RT: 10.093 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU057756.D
Acq: 30 Jan 2024 20:13

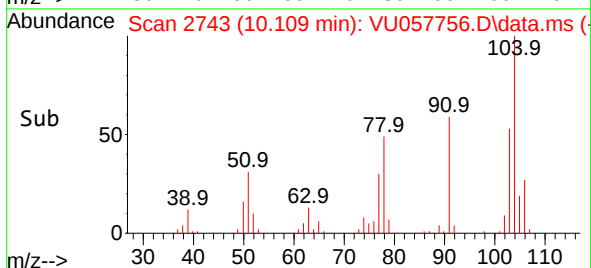
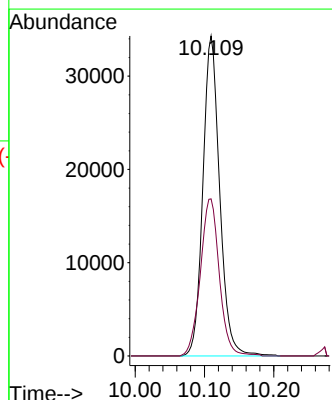
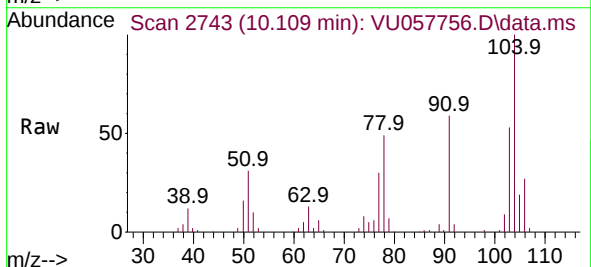
Instrument :
MSVOA_U
ClientSampleId :

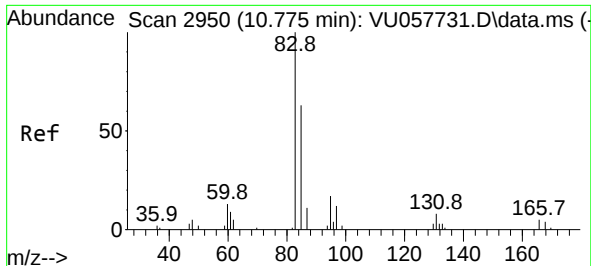
Tgt Ion:106 Resp: 37570
Ion Ratio Lower Upper
106 100
91 226.8 158.1 293.5



#55
Styrene
Concen: 4.285 ug/L
RT: 10.109 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU057756.D
Acq: 30 Jan 2024 20:13

Tgt Ion:104 Resp: 57791
Ion Ratio Lower Upper
104 100
78 49.1 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 4.366 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU057756.D

Acq: 30 Jan 2024 20:13

Instrument :

MSVOA_U

ClientSampleId :

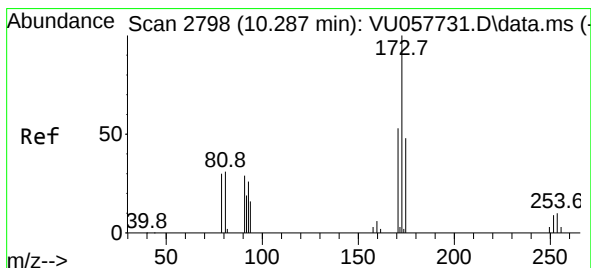
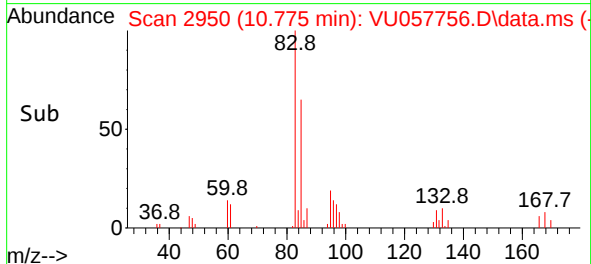
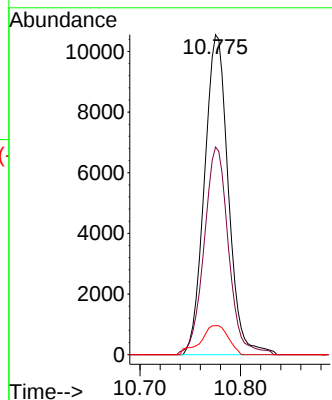
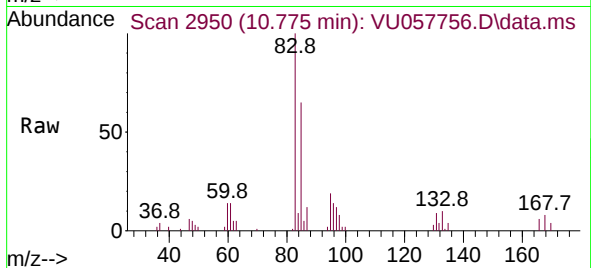
Tgt Ion: 83 Resp: 17388

Ion Ratio Lower Upper

83 100

85 64.9 44.4 82.5

131 9.0 8.3 12.5



#59

Bromoform

Concen: 4.052 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. -0.000 min

Lab File: VU057756.D

Acq: 30 Jan 2024 20:13

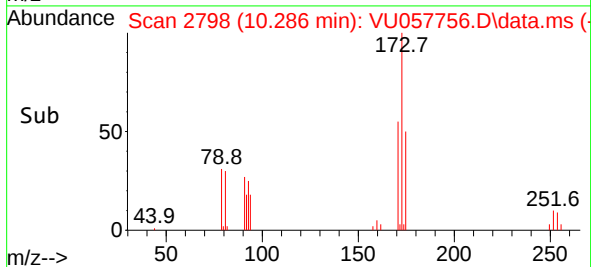
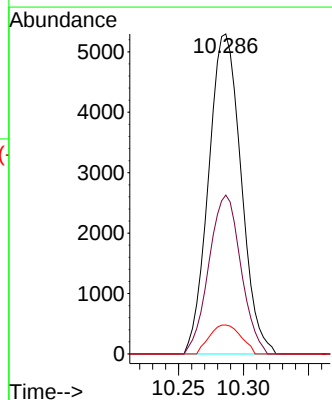
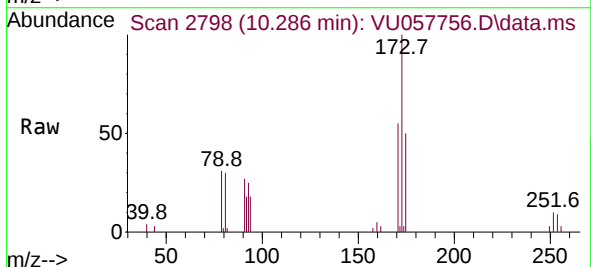
Tgt Ion:173 Resp: 9209

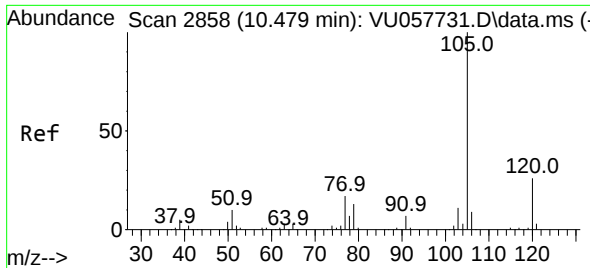
Ion Ratio Lower Upper

173 100

175 48.9 37.5 56.3

254 8.7 7.2 10.8

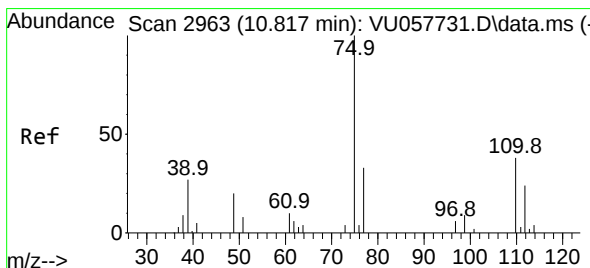
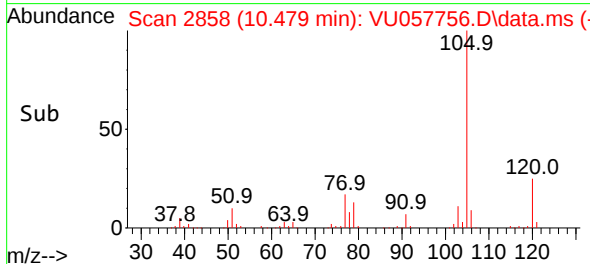
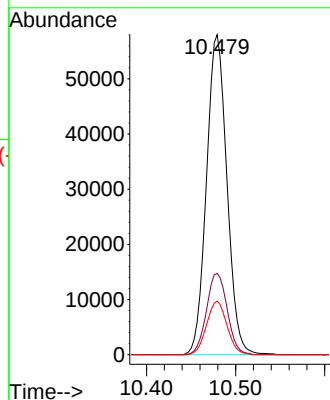
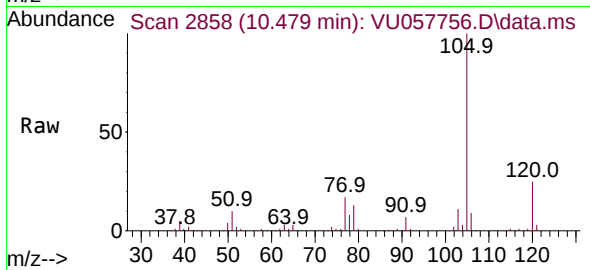




#60
Isopropylbenzene
Concen: 4.213 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU057756.D
Acq: 30 Jan 2024 20:13

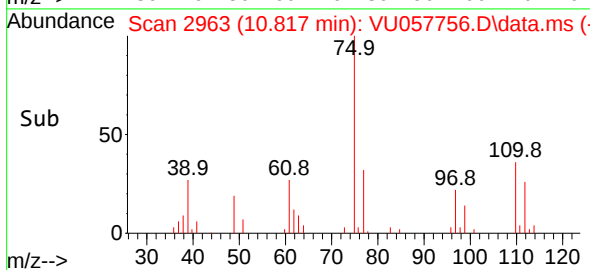
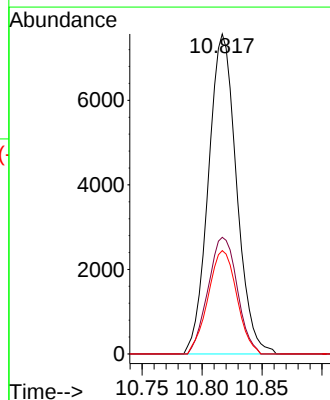
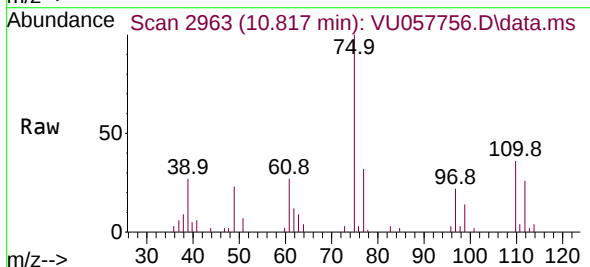
Instrument :
MSVOA_U
ClientSampleId :

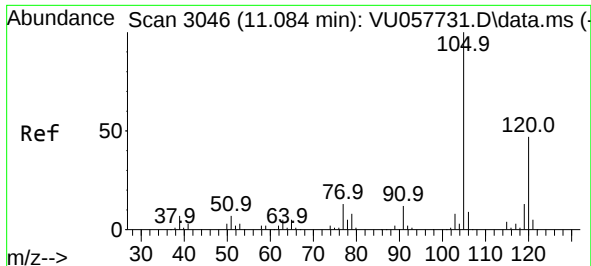
Tgt Ion:105 Resp: 92337
Ion Ratio Lower Upper
105 100
120 25.7 20.8 31.2
77 16.6 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 4.387 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU057756.D
Acq: 30 Jan 2024 20:13

Tgt Ion: 75 Resp: 12317
Ion Ratio Lower Upper
75 100
110 37.8 30.1 45.1
77 33.1 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 4.198 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.003 min

Lab File: VU057756.D

Acq: 30 Jan 2024 20:13

Instrument :

MSVOA_U

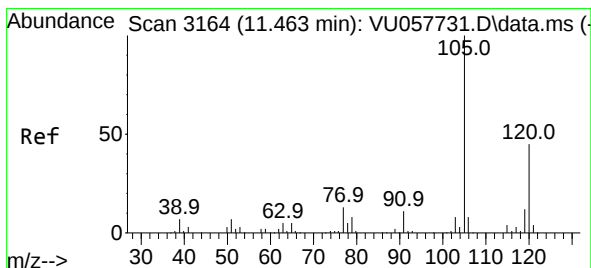
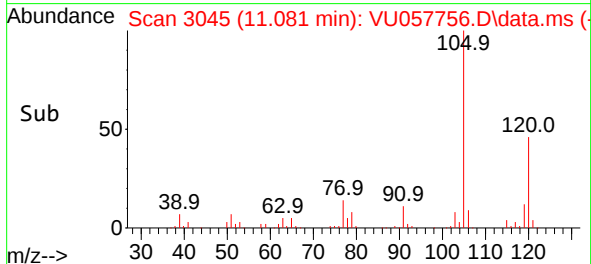
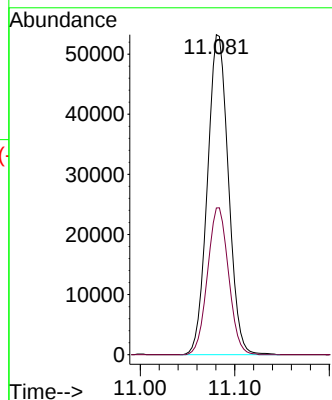
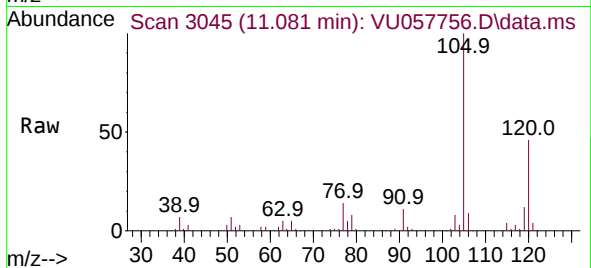
ClientSampleId :

Tgt Ion:105 Resp: 82004

Ion Ratio Lower Upper

105 100

120 46.0 36.9 55.3



#63

1,2,4-Trimethylbenzene

Concen: 4.220 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU057756.D

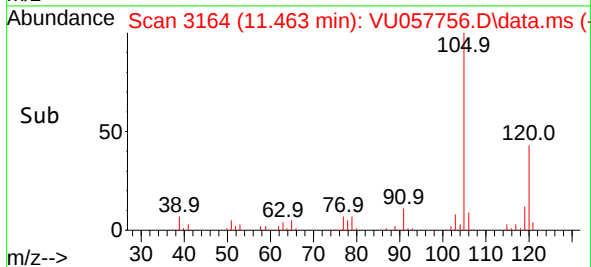
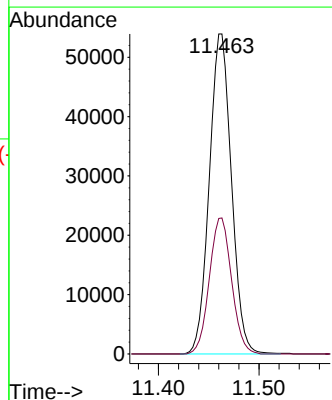
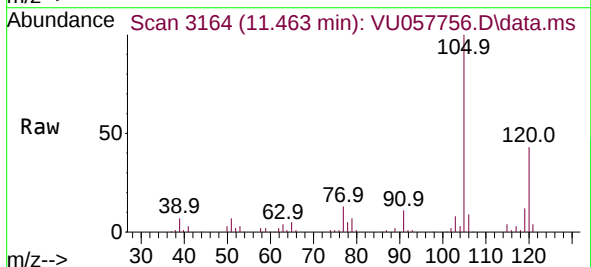
Acq: 30 Jan 2024 20:13

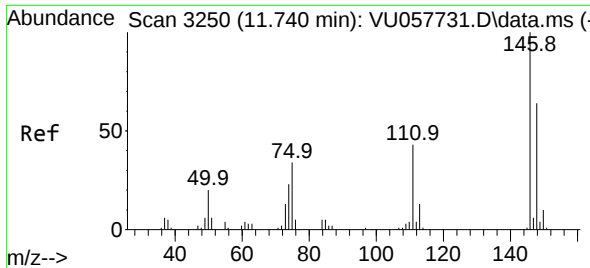
Tgt Ion:105 Resp: 82496

Ion Ratio Lower Upper

105 100

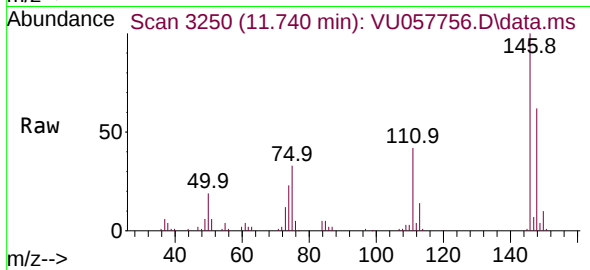
120 42.7 35.0 52.4



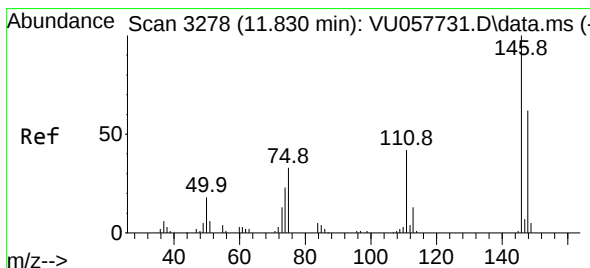
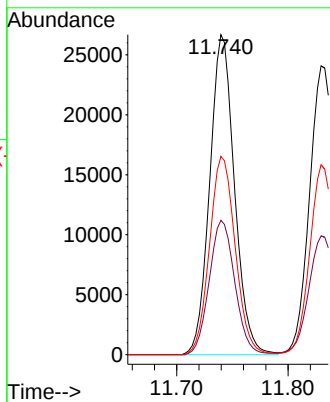
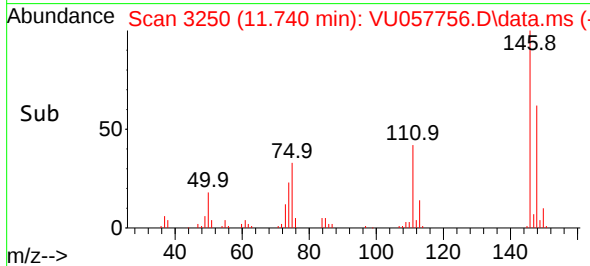


#64
1,3-Dichlorobenzene
Concen: 4.118 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU057756.D
Acq: 30 Jan 2024 20:13

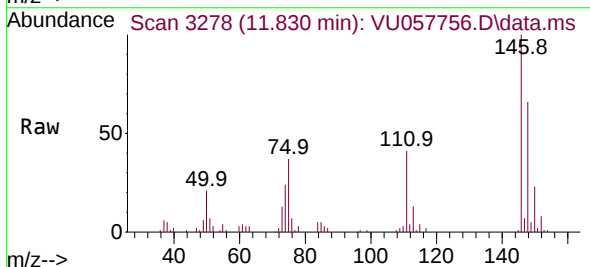
Instrument :
MSVOA_U
ClientSampleId :



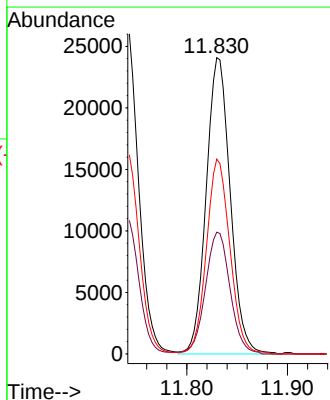
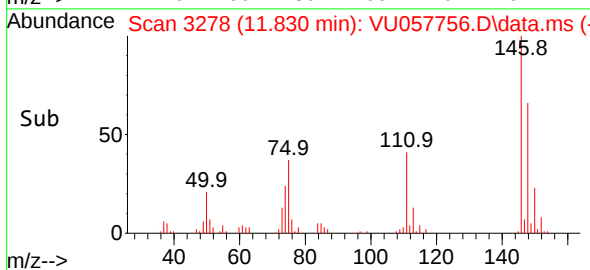
Tgt Ion:146 Resp: 41207
Ion Ratio Lower Upper
146 100
111 42.0 29.6 55.0
148 61.9 44.2 82.2

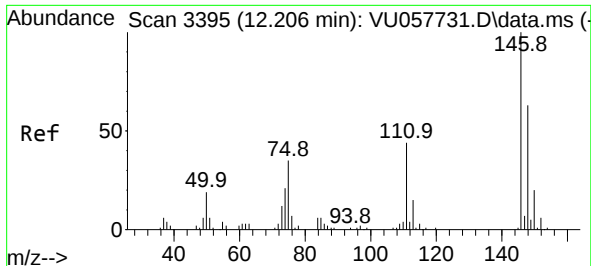


#65
1,4-Dichlorobenzene
Concen: 4.182 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU057756.D
Acq: 30 Jan 2024 20:13



Tgt Ion:146 Resp: 40048
Ion Ratio Lower Upper
146 100
111 41.1 29.5 54.7
148 65.8 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 4.303 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU057756.D

Acq: 30 Jan 2024 20:13

Instrument :

MSVOA_U

ClientSampleId :

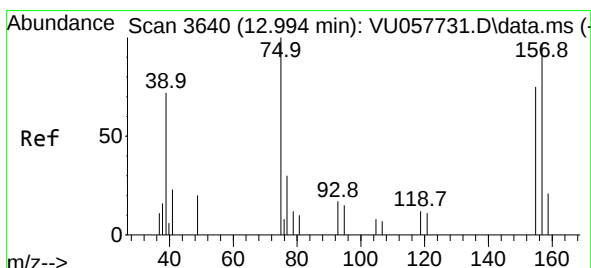
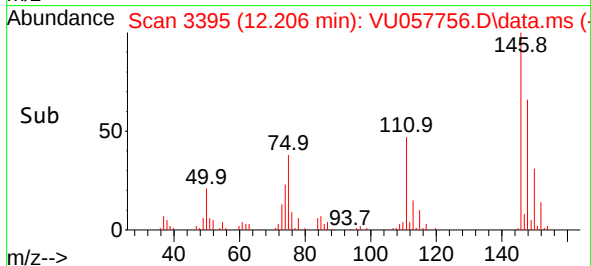
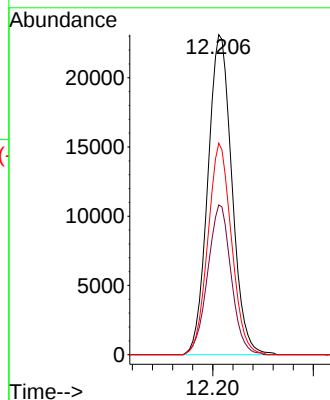
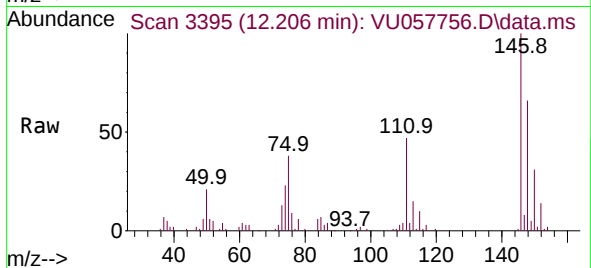
Tgt Ion:146 Resp: 38421

Ion Ratio Lower Upper

146 100

111 46.8 35.7 53.5

148 66.1 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 4.686 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. -0.003 min

Lab File: VU057756.D

Acq: 30 Jan 2024 20:13

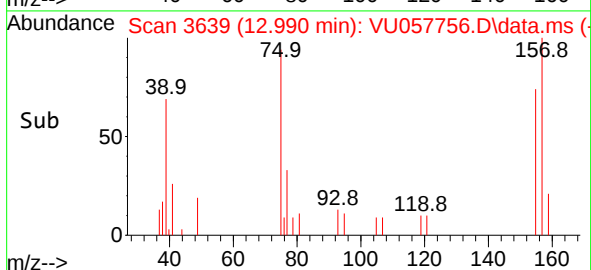
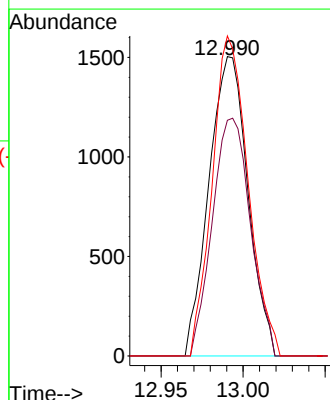
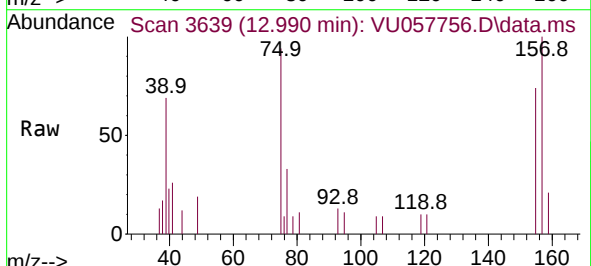
Tgt Ion: 75 Resp: 2477

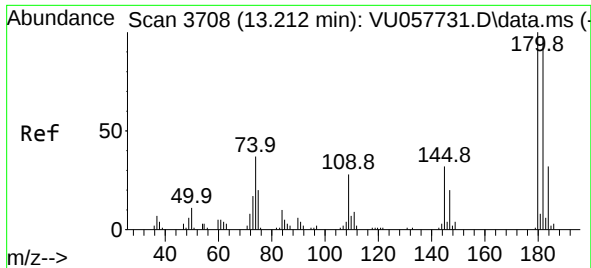
Ion Ratio Lower Upper

75 100

155 78.7 62.8 94.2

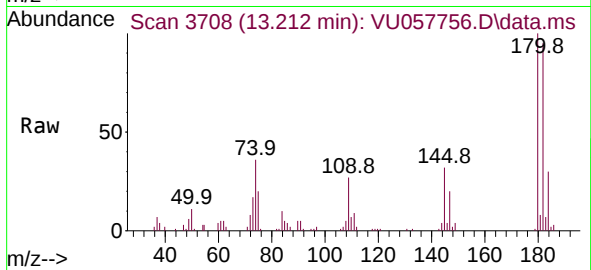
157 106.9 78.9 118.3



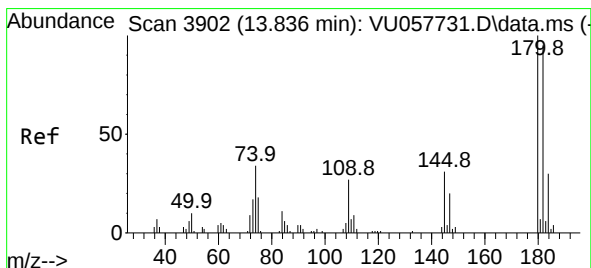
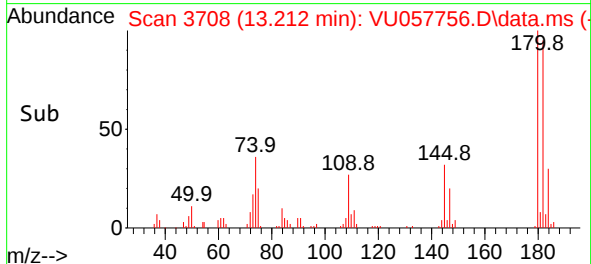
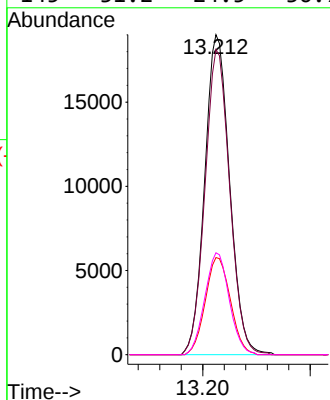


#69
 1,3,5-Trichlorobenzene
 Concen: 4.156 ug/L
 RT: 13.212 min Scan# 3708
 Delta R.T. -0.000 min
 Lab File: VU057756.D
 Acq: 30 Jan 2024 20:13

Instrument :
 MSVOA_U
 ClientSampleId :

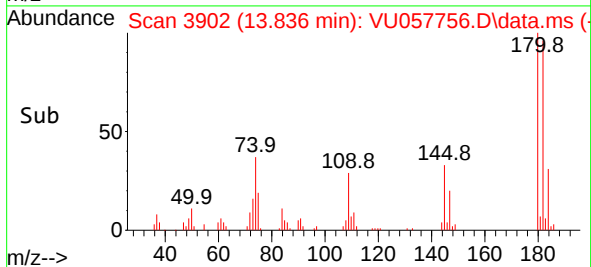
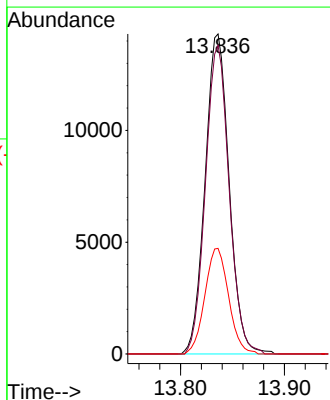
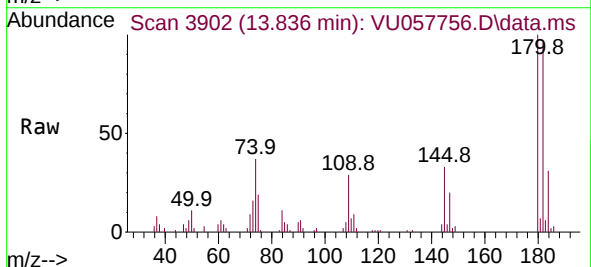


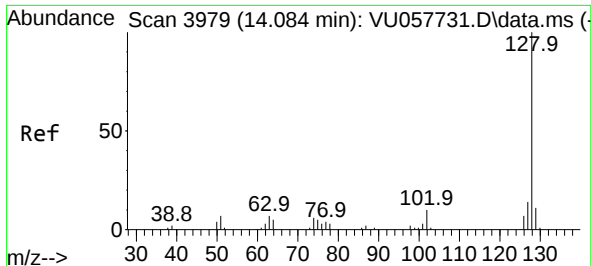
Tgt Ion:180 Resp: 30521
 Ion Ratio Lower Upper
 180 100
 182 94.7 75.4 113.2
 184 30.6 24.1 36.1
 145 31.2 24.5 36.7



#70
 1,2,4-trichlorobenzene
 Concen: 4.272 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. -0.000 min
 Lab File: VU057756.D
 Acq: 30 Jan 2024 20:13

Tgt Ion:180 Resp: 22985
 Ion Ratio Lower Upper
 180 100
 182 94.8 74.9 112.3
 145 32.6 25.4 38.2

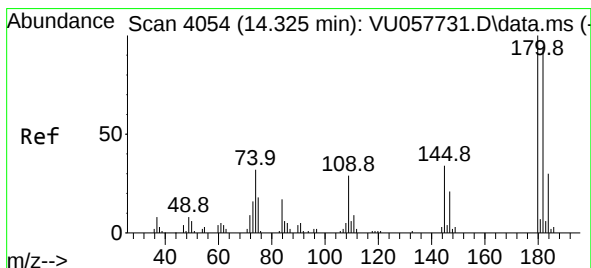
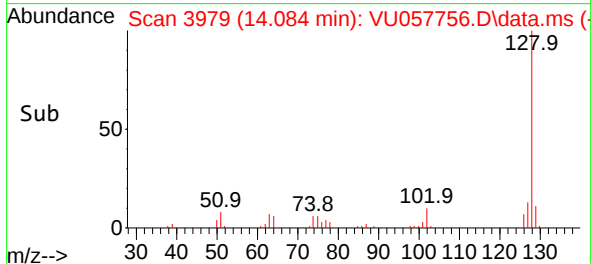
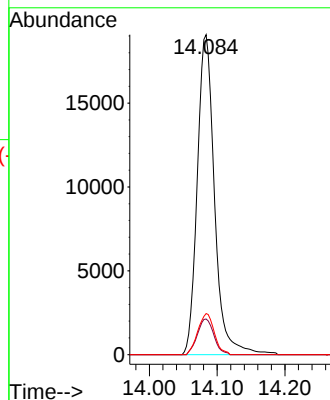
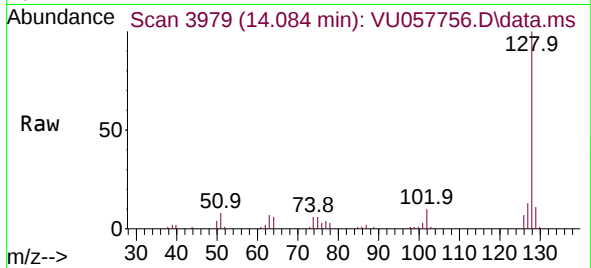




#71
Naphthalene
Concen: 4.445 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU057756.D
Acq: 30 Jan 2024 20:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 33850
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 12.2 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 4.358 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU057756.D
Acq: 30 Jan 2024 20:13

Tgt Ion:180 Resp: 18250
Ion Ratio Lower Upper
180 100
182 97.6 78.1 117.1
145 34.8 26.7 40.1

