

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061923\
 Data File : VU054609.D
 Acq On : 19 Jun 2023 20:23
 Operator : MD/SY
 Sample : 03258-10MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 20 05:54:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 17 06:10:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	244272	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	236208	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	127382	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	47976	3.086	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.800%
7) Chloroethane-d5	1.911	69	66683	4.581	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.600%
11) 1,1-Dichloroethene-d2	2.563	65	23456	3.378	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.600%
20) 2-Butanone-d5	4.627	46	290815	66.536	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	133.080%#
24) Chloroform-d	5.058	84	175100	5.389	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.800%
26) 1,2-Dichloroethane-d4	5.698	65	89430	5.646	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.000%
32) Benzene-d6	5.724	84	310485	4.729	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	6.685	67	110307	5.030	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.894	98	264579	4.540	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	8.177	79	36613	4.801	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.000%
46) 2-Hexanone-d5	8.627	63	215502	67.362	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	134.720%#
56) 1,1,2,2-Tetrachloroeth...	10.749	84	96588	5.907	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	106803	4.971	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	108147	4.738	ug/L	100
3) Chloromethane	1.521	50	127078	4.847	ug/L	99
5) Vinyl chloride	1.602	62	135401	5.031	ug/L	99
6) Bromomethane	1.856	94	73916	4.996	ug/L	98
8) Chloroethane	1.933	64	85632	5.308	ug/L	100
9) Trichlorofluoromethane	2.136	101	179595	5.428	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	103343	5.339	ug/L	96
12) 1,1-Dichloroethene	2.576	96	95242	5.376	ug/L	97
13) Acetone	2.637	43	188702	45.789	ug/L	99
14) Carbon disulfide	2.792	76	272218	5.181	ug/L	99
15) Methyl Acetate	2.952	43	40516	5.305	ug/L	99
16) Methylene chloride	3.042	84	111489	4.475	ug/L	97
17) Methyl tert-butyl Ether	3.361	73	251271	5.746	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	97872	5.350	ug/L	97
19) 1,1-Dichloroethane	3.865	63	207621	5.484	ug/L	97
21) 2-Butanone	4.705	43	303016	56.655	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	115836	5.561	ug/L	95
23) Bromochloromethane	4.971	128	52268	6.030	ug/L	88
25) Chloroform	5.084	83	206558	5.535	ug/L	99

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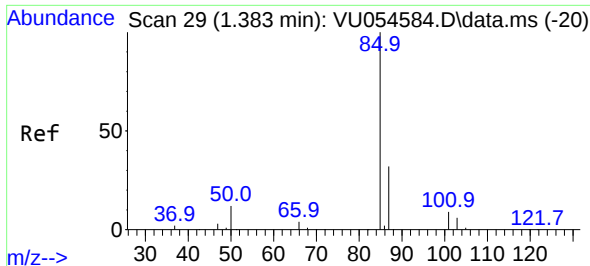
Quant Time: Jun 20 05:54:17 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	122811	5.614	ug/L	99
29) 1,1,1-Trichloroethane	5.312	97	177607	5.545	ug/L	99
30) Cyclohexane	5.386	56	156111	4.475	ug/L	98
31) Carbon tetrachloride	5.521	117	151751	5.498	ug/L	99
33) Benzene	5.769	78	439669	5.179	ug/L	100
34) Trichloroethene	6.537	95	113392	5.051	ug/L	98
35) Methylcyclohexane	6.759	83	152481	4.494	ug/L	98
37) 1,2-Dichloropropane	6.785	63	122810	5.350	ug/L	100
38) Bromodichloromethane	7.103	83	147875	5.691	ug/L	100
39) cis-1,3-Dichloropropene	7.605	75	166433	5.311	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	714636	58.342	ug/L	99
42) Toluene	7.965	91	466953	5.341	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	141781	5.575	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	87315	5.980	ug/L	96
47) Tetrachloroethene	8.550	164	87452	5.089	ug/L	98
48) 2-Hexanone	8.679	43	521596	57.149	ug/L	98
49) Dibromochloromethane	8.804	129	95922	6.256	ug/L	100
50) 1,2-Dibromoethane	8.920	107	81264	6.062	ug/L	99
51) Chlorobenzene	9.444	112	293308	5.382	ug/L	98
52) Ethylbenzene	9.566	91	494804	5.182	ug/L	100
53) m,p-Xylene	9.692	106	192020	5.475	ug/L	97
54) o-Xylene	10.097	106	185323	5.464	ug/L	99
55) Styrene	10.110	104	320125	5.623	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	110281	5.946	ug/L	99
59) Bromoform	10.286	173	58966	6.448	ug/L	99
60) Isopropylbenzene	10.479	105	500977	5.376	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	73525	5.711	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	393748	5.179	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	399611	5.175	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	243916	5.600	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	243096	5.561	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	222747	5.560	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.990	75	17698	6.256	ug/L	99
69) 1,3,5-Trichlorobenzene	13.212	180	175568	5.342	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	151820	5.586	ug/L	99
71) Naphthalene	14.080	128	254457	5.758	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	136387	5.842	ug/L	98

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

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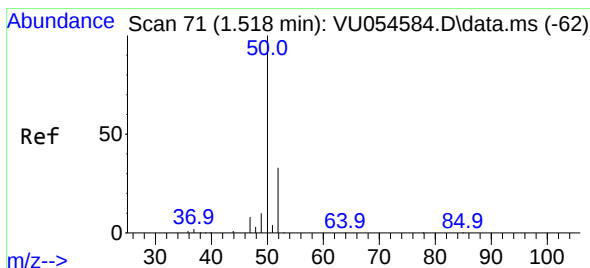
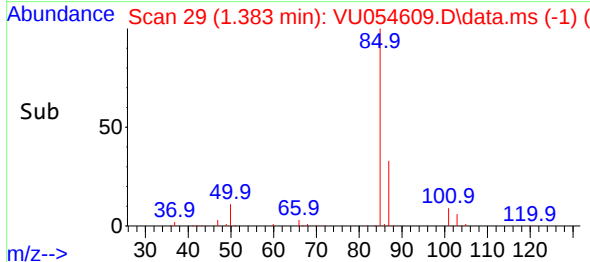
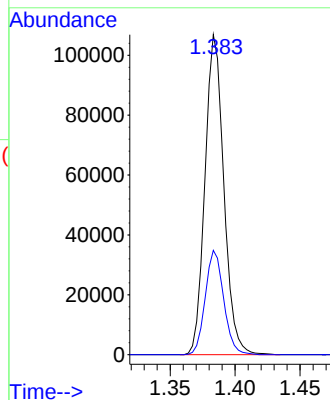
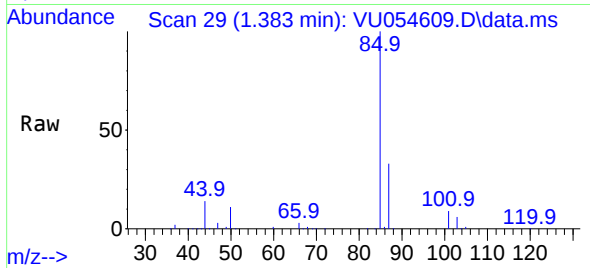




#2
Dichlorodifluoromethane
Concen: 4.738 ug/L
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU054609.D
Acq: 19 Jun 2023 20:23

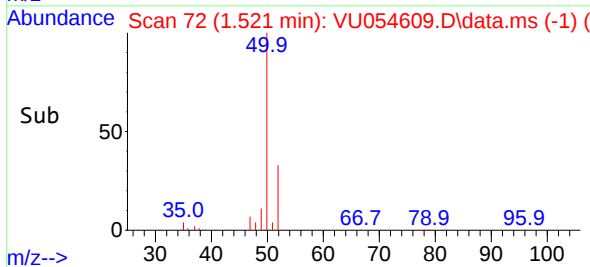
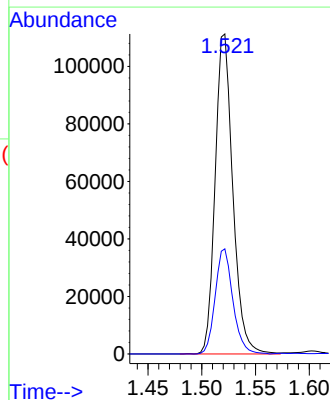
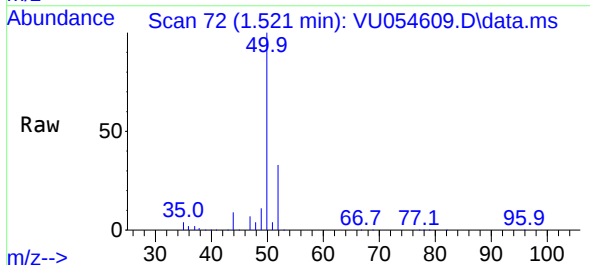
Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 85 Resp: 108147
Ion Ratio Lower Upper
85 100
87 31.8 25.4 38.2

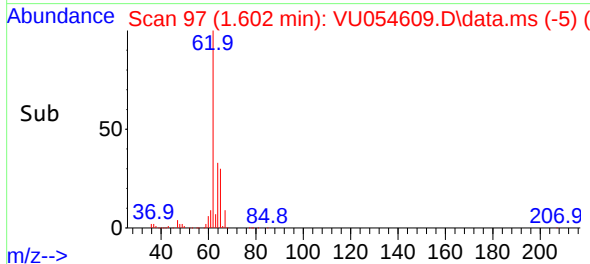
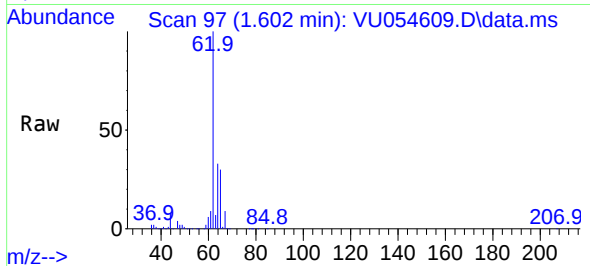
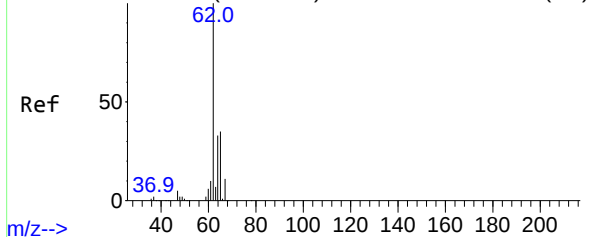


#3
Chloromethane
Concen: 4.847 ug/L
RT: 1.521 min Scan# 72
Delta R.T. 0.003 min
Lab File: VU054609.D
Acq: 19 Jun 2023 20:23

Tgt Ion: 50 Resp: 127078
Ion Ratio Lower Upper
50 100
52 32.9 23.4 43.4



Abundance Scan 97 (1.602 min): VU054584.D\data.ms (-88)



#5

Vinyl chloride

Concen: 5.031 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.003 min

Lab File: VU054609.D

Acq: 19 Jun 2023 20:23

Instrument :

MSVOA_U

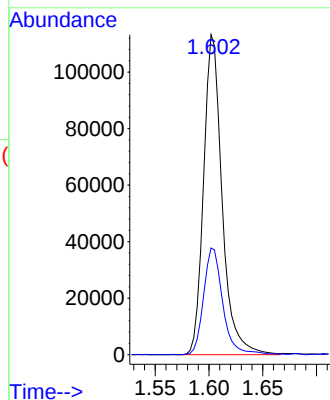
ClientSampleId :

Tgt Ion: 62 Resp: 135401

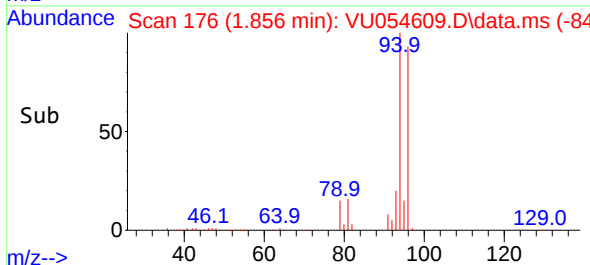
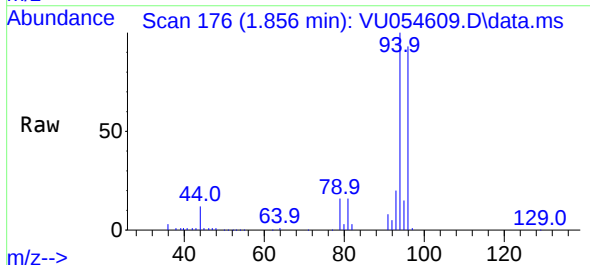
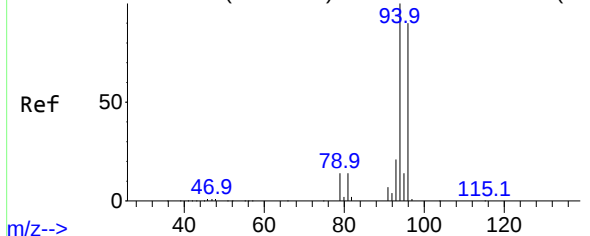
Ion Ratio Lower Upper

62 100

64 33.3 23.0 42.6



Abundance Scan 177 (1.859 min): VU054584.D\data.ms (-16)



#6

Bromomethane

Concen: 4.996 ug/L

RT: 1.856 min Scan# 176

Delta R.T. -0.003 min

Lab File: VU054609.D

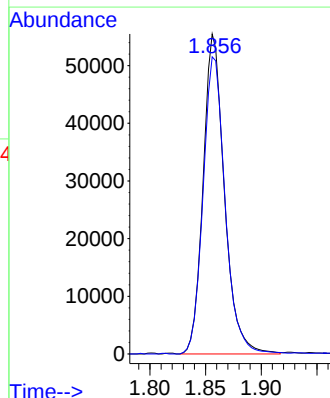
Acq: 19 Jun 2023 20:23

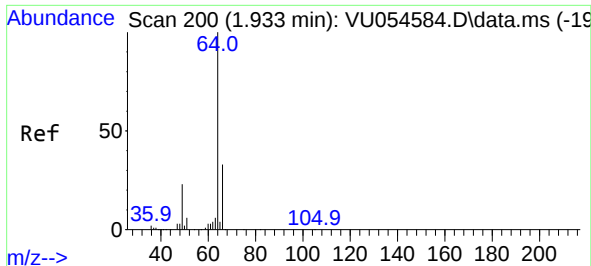
Tgt Ion: 94 Resp: 73916

Ion Ratio Lower Upper

94 100

96 92.8 63.6 118.2

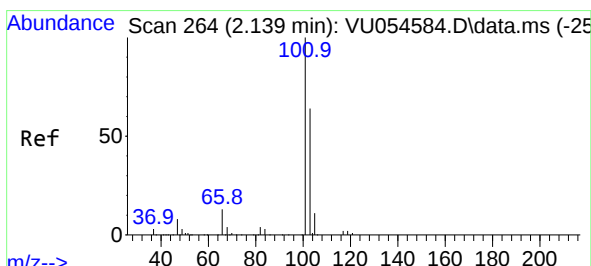
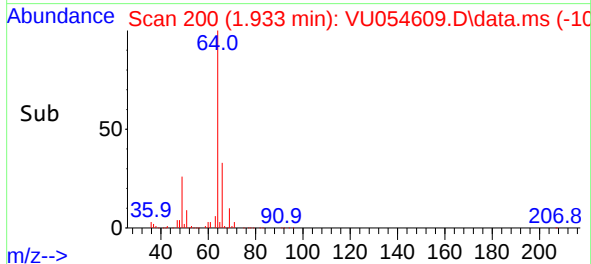
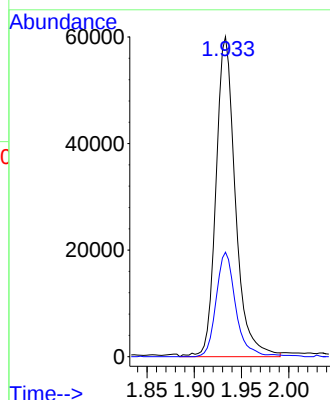
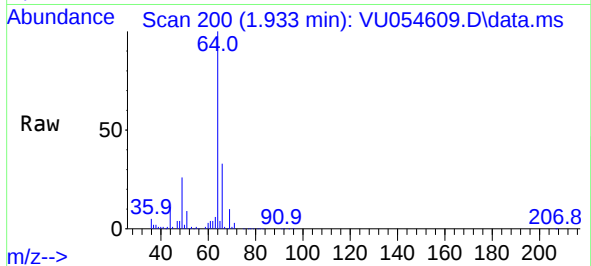




#8
Chloroethane
Concen: 5.308 ug/L
RT: 1.933 min Scan# 200
Delta R.T. -0.000 min
Lab File: VU054609.D
Acq: 19 Jun 2023 20:23

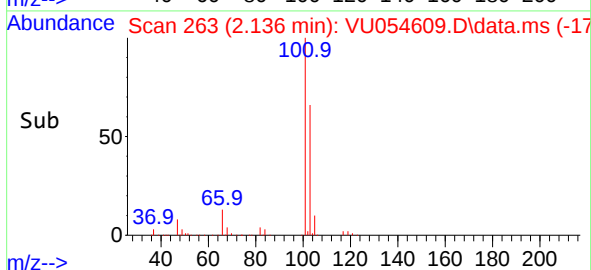
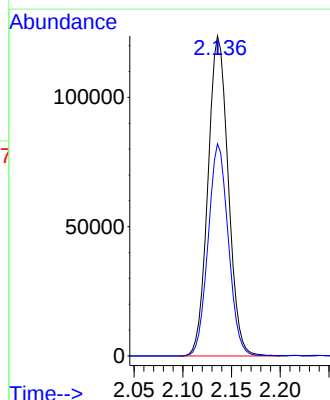
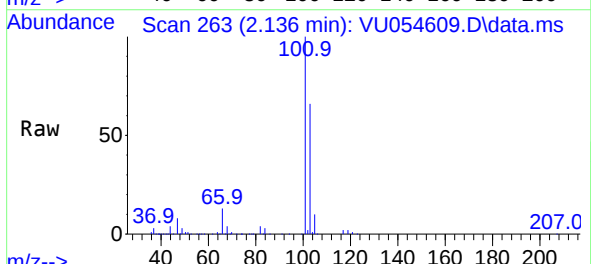
Instrument :
MSVOA_U
ClientSampleId :

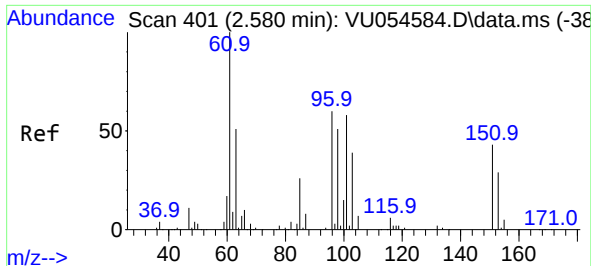
Tgt Ion: 64 Resp: 85632
Ion Ratio Lower Upper
64 100
66 32.7 22.9 42.5



#9
Trichlorofluoromethane
Concen: 5.428 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.003 min
Lab File: VU054609.D
Acq: 19 Jun 2023 20:23

Tgt Ion: 101 Resp: 179595
Ion Ratio Lower Upper
101 100
103 65.9 50.6 75.8

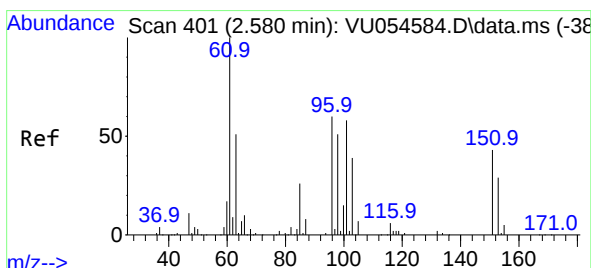
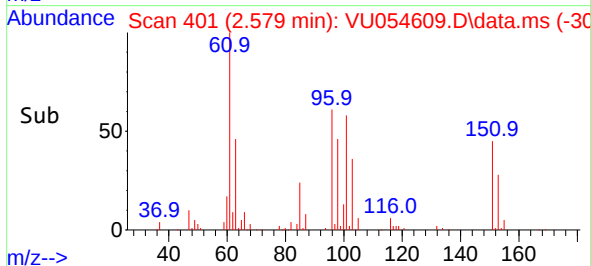
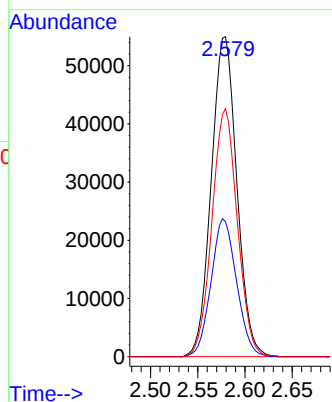
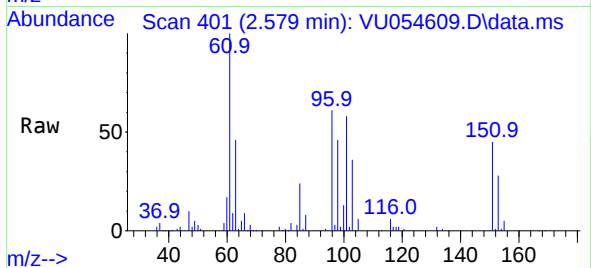




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.339 ug/L
RT: 2.579 min Scan# 401
Delta R.T. -0.000 min
Lab File: VU054609.D
Acq: 19 Jun 2023 20:23

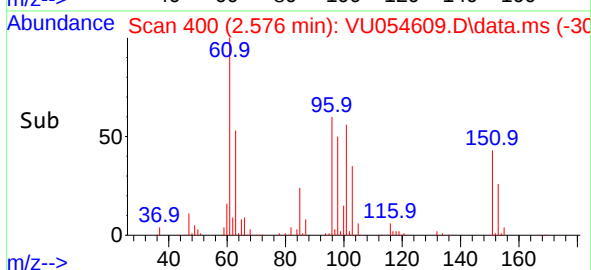
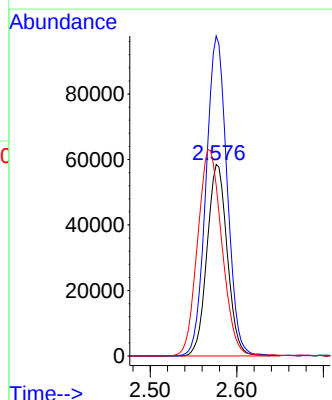
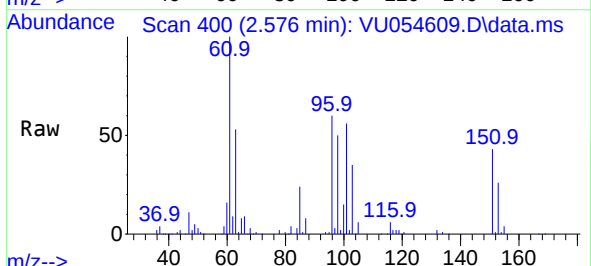
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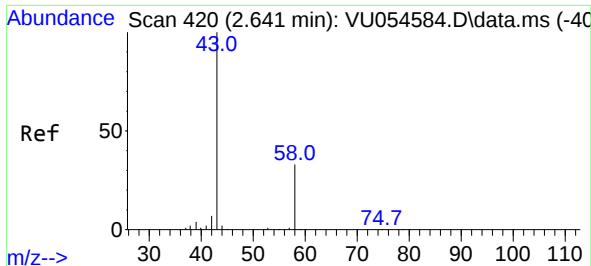
Tgt Ion:101 Resp: 103343
Ion Ratio Lower Upper
101 100
85 43.1 34.6 51.8
151 77.1 57.7 86.5



#12
1,1-Dichloroethene
Concen: 5.376 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.003 min
Lab File: VU054609.D
Acq: 19 Jun 2023 20:23

Tgt Ion: 96 Resp: 95242
Ion Ratio Lower Upper
96 100
61 167.1 119.9 222.7
63 89.1 64.3 119.3





#13

Acetone

Concen: 45.789 ug/L

RT: 2.637 min Scan# 419

Delta R.T. -0.003 min

Lab File: VU054609.D

Acq: 19 Jun 2023 20:23

Instrument :

MSVOA_U

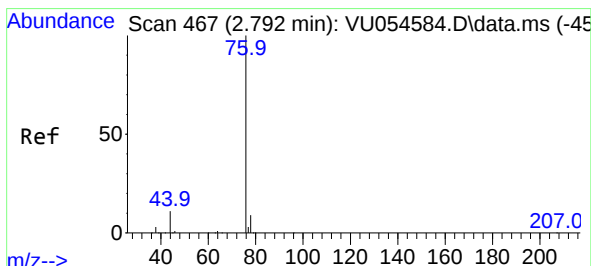
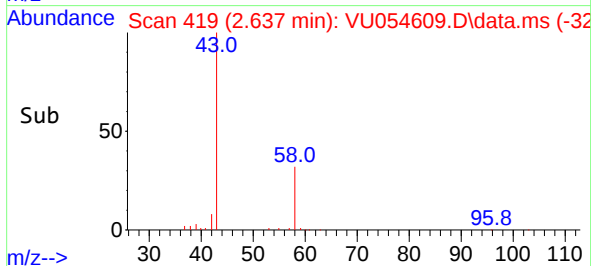
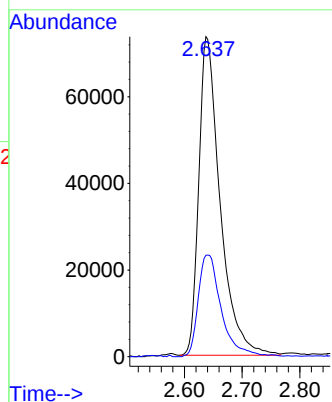
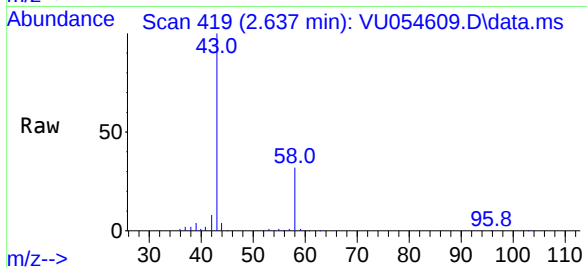
ClientSampleId :

Tgt Ion: 43 Resp: 188702

Ion Ratio Lower Upper

43 100

58 34.3 0.0 67.2



#14

Carbon disulfide

Concen: 5.181 ug/L

RT: 2.792 min Scan# 467

Delta R.T. -0.000 min

Lab File: VU054609.D

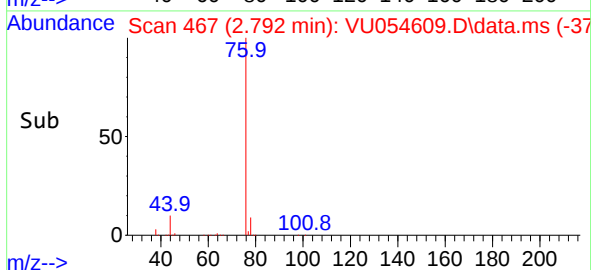
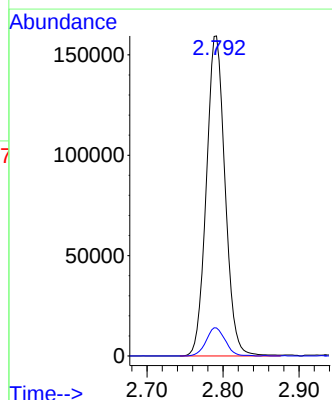
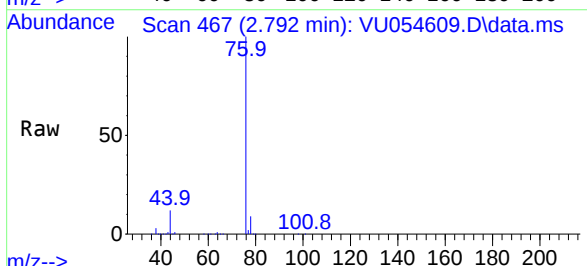
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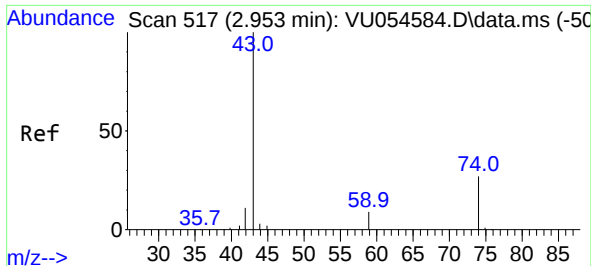
Tgt Ion: 76 Resp: 272218

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.0

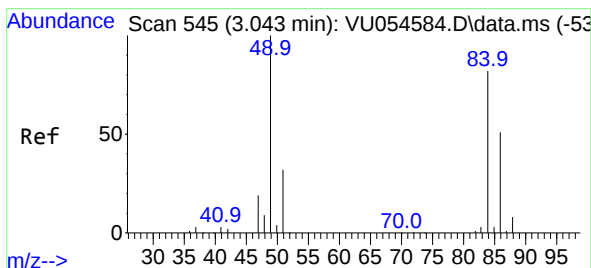
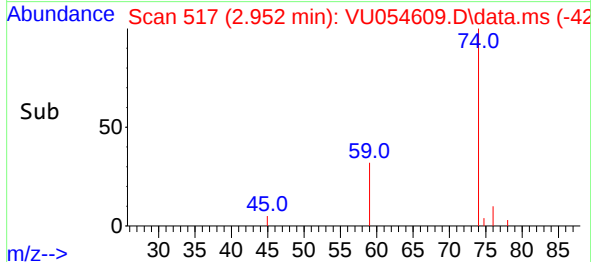
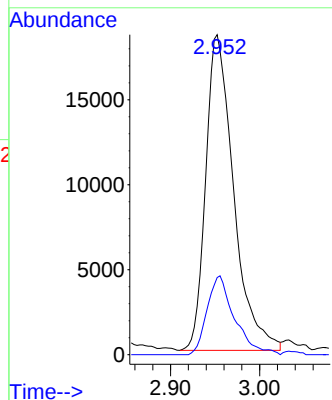
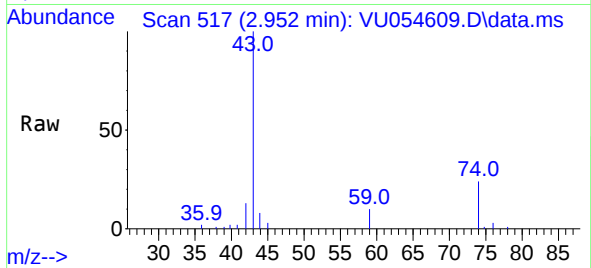




#15
Methyl Acetate
Concen: 5.305 ug/L
RT: 2.952 min Scan# 517
Delta R.T. -0.003 min
Lab File: VU054609.D
Acq: 19 Jun 2023 20:23

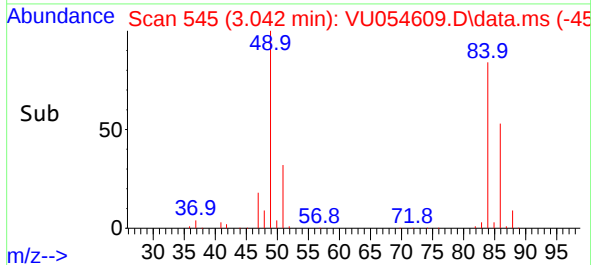
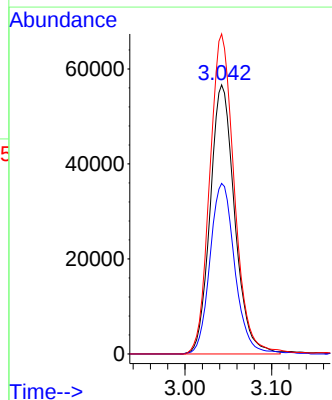
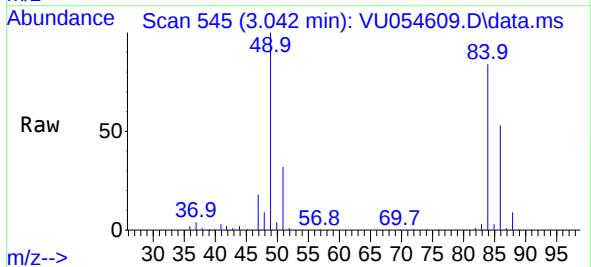
Instrument :
MSVOA_U
ClientSampleId :

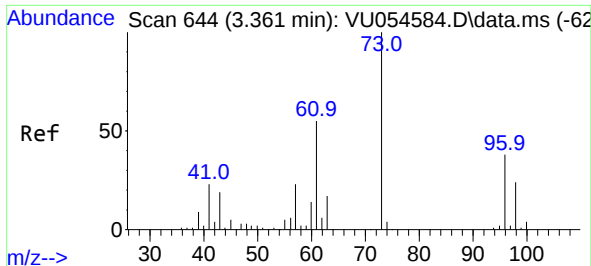
Tgt Ion: 43 Resp: 40516
Ion Ratio Lower Upper
43 100
74 24.4 19.0 28.6



#16
Methylene chloride
Concen: 4.475 ug/L
RT: 3.042 min Scan# 545
Delta R.T. -0.000 min
Lab File: VU054609.D
Acq: 19 Jun 2023 20:23

Tgt Ion: 84 Resp: 111489
Ion Ratio Lower Upper
84 100
86 63.4 43.9 81.5
49 118.9 86.1 159.9

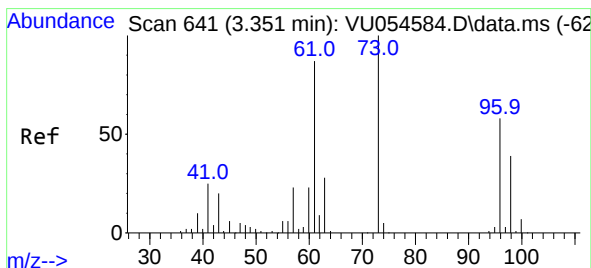
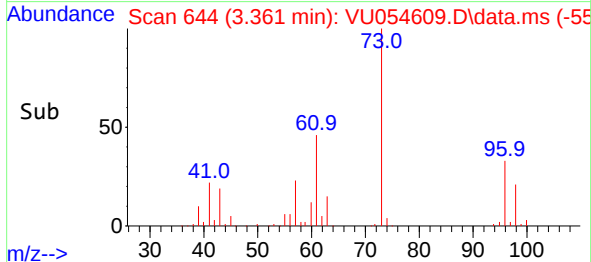
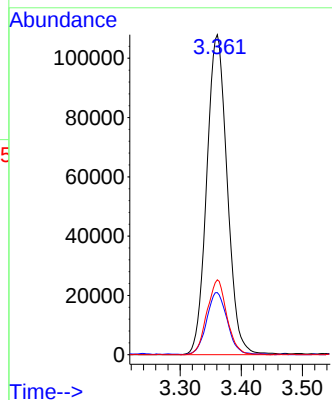
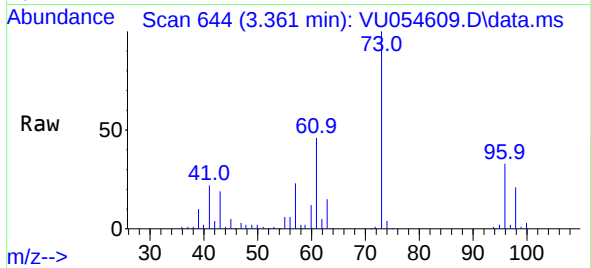




#17
Methyl tert-butyl Ether
Concen: 5.746 ug/L
RT: 3.361 min Scan# 644
Delta R.T. -0.000 min
Lab File: VU054609.D
Acq: 19 Jun 2023 20:23

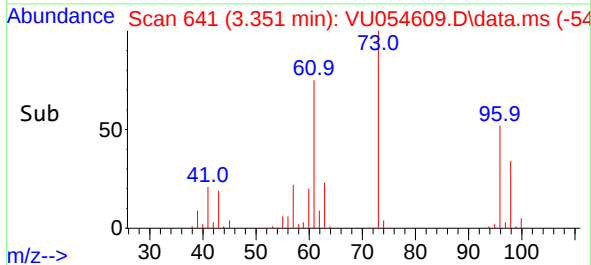
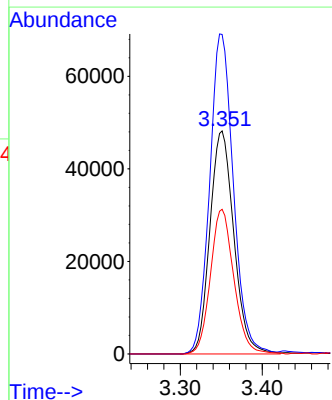
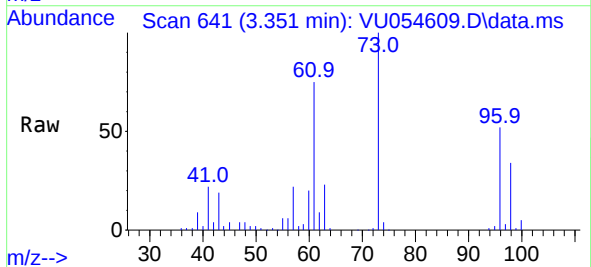
Instrument :
MSVOA_U
ClientSampleId :

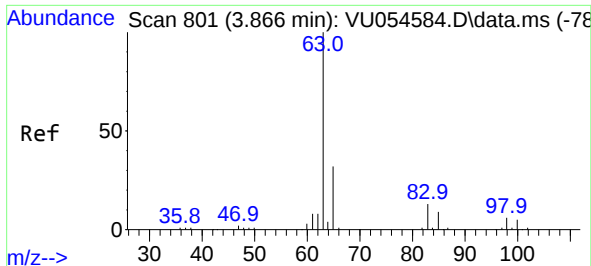
Tgt Ion: 73 Resp: 251271
Ion Ratio Lower Upper
73 100
43 19.6 15.7 23.5
57 22.7 18.6 28.0



#18
trans-1,2-Dichloroethene
Concen: 5.350 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU054609.D
Acq: 19 Jun 2023 20:23

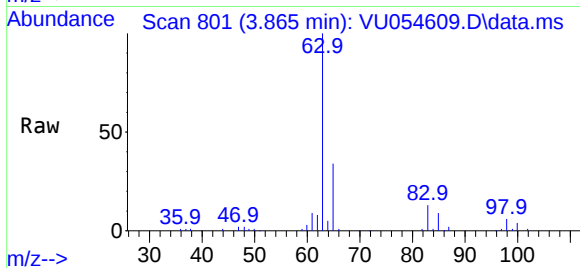
Tgt Ion: 96 Resp: 97872
Ion Ratio Lower Upper
96 100
61 143.2 104.6 194.2
98 64.9 45.4 84.4



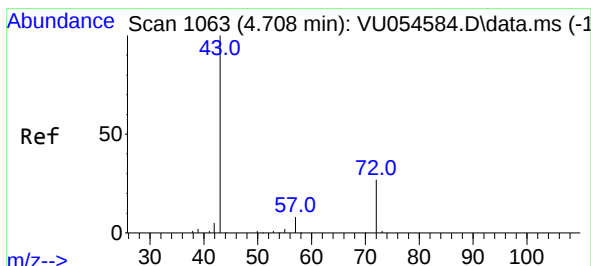
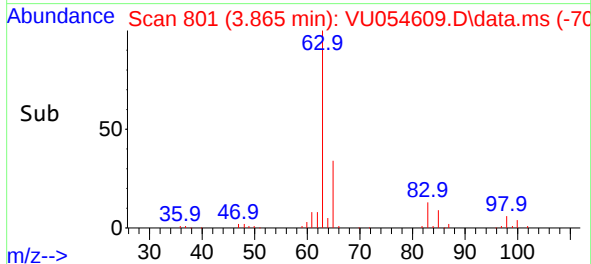
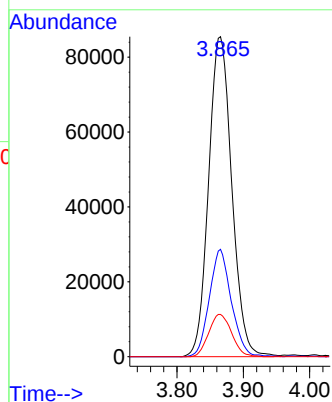


#19
1,1-Dichloroethane
Concen: 5.484 ug/L
RT: 3.865 min Scan# 801
Delta R.T. -0.000 min
Lab File: VU054609.D
Acq: 19 Jun 2023 20:23

Instrument :
MSVOA_U
ClientSampleId :

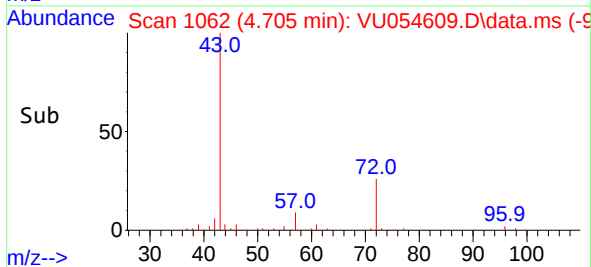
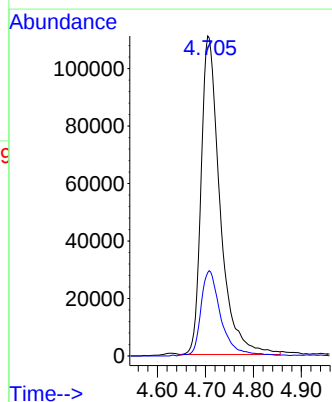
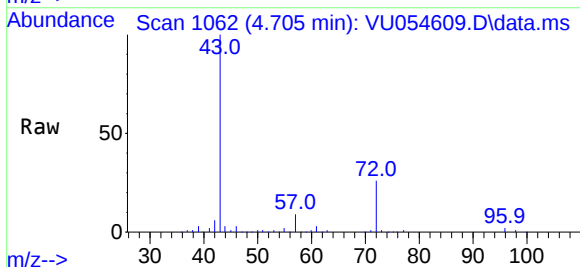


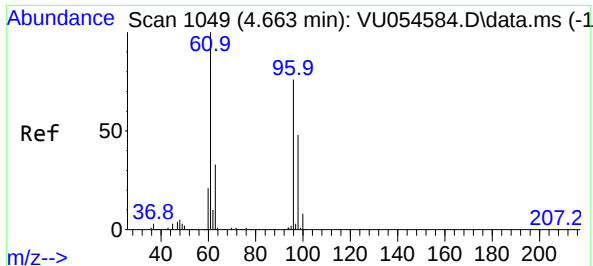
Tgt Ion: 63 Resp: 207621
Ion Ratio Lower Upper
63 100
65 33.6 22.2 41.2
83 13.2 9.0 16.6



#21
2-Butanone
Concen: 56.655 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. -0.003 min
Lab File: VU054609.D
Acq: 19 Jun 2023 20:23

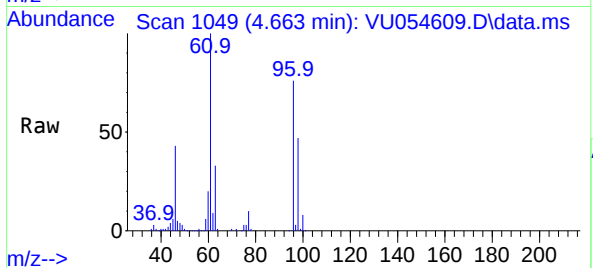
Tgt Ion: 43 Resp: 303016
Ion Ratio Lower Upper
43 100
72 28.5 13.4 40.1



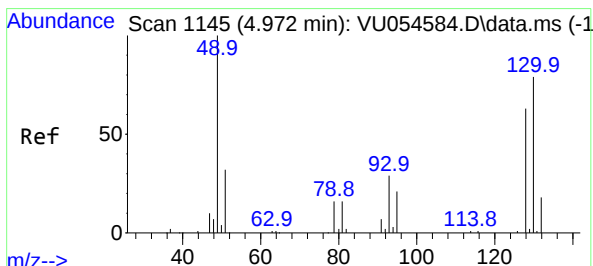
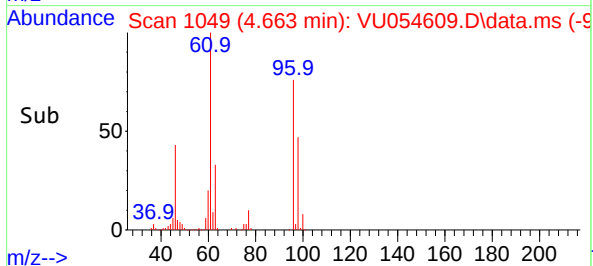
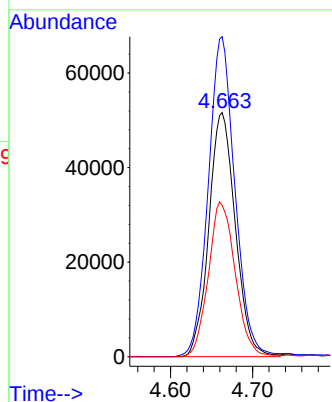


#22
cis-1,2-Dichloroethene
Concen: 5.561 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU054609.D
Acq: 19 Jun 2023 20:23

Instrument :
MSVOA_U
ClientSampleId :

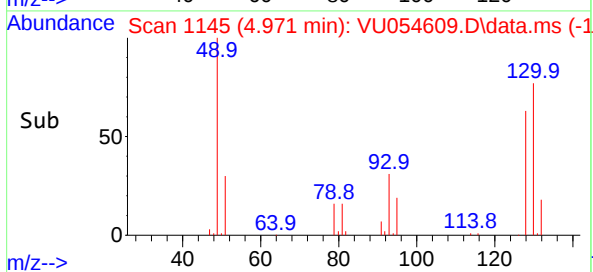
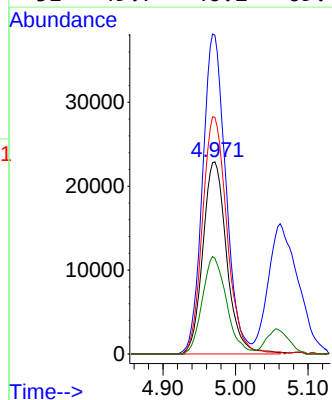
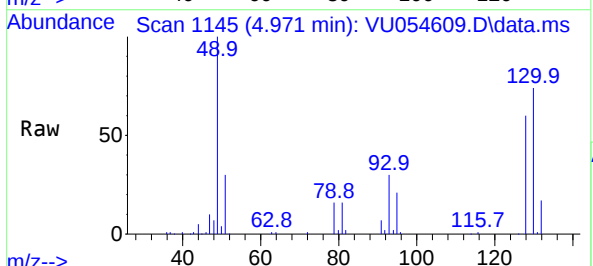


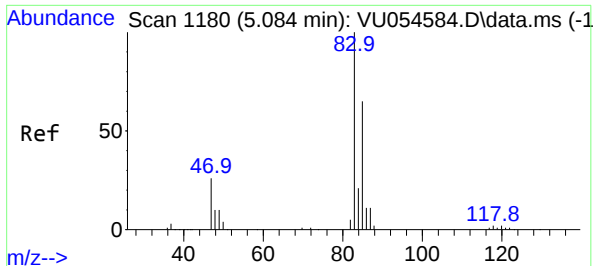
Tgt Ion: 96 Resp: 115836
Ion Ratio Lower Upper
96 100
61 131.1 96.5 179.1
98 62.0 44.9 83.3



#23
Bromochloromethane
Concen: 6.030 ug/L
RT: 4.971 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VU054609.D
Acq: 19 Jun 2023 20:23

Tgt Ion:128 Resp: 52268
Ion Ratio Lower Upper
128 100
49 165.8 132.1 245.3
130 123.1 91.5 169.9
51 49.7 46.2 69.4

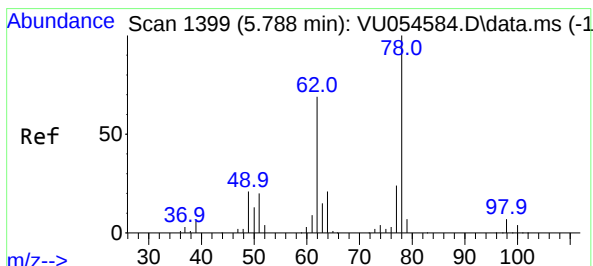
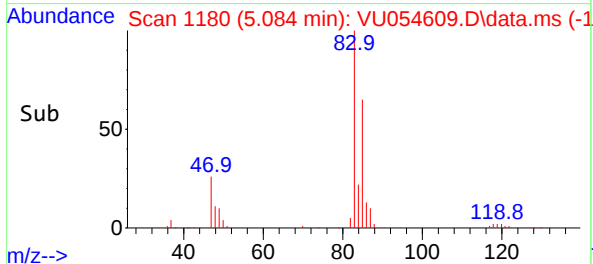
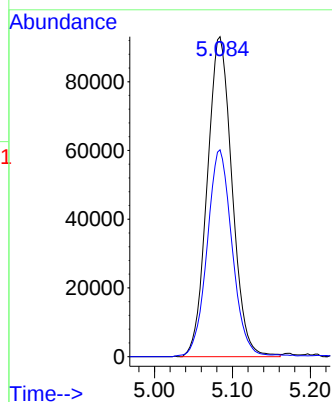
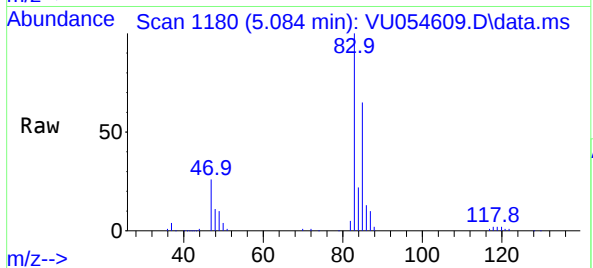




#25
Chloroform
Concen: 5.535 ug/L
RT: 5.084 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VU054609.D
Acq: 19 Jun 2023 20:23

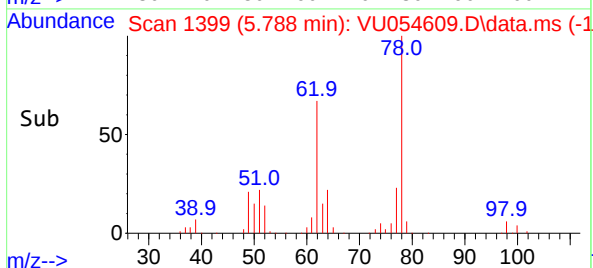
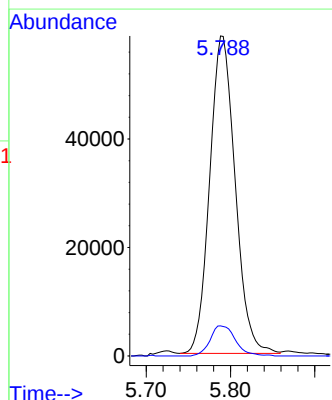
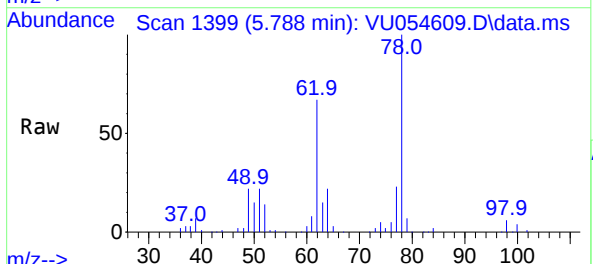
Instrument :
MSVOA_U
ClientSampleId :

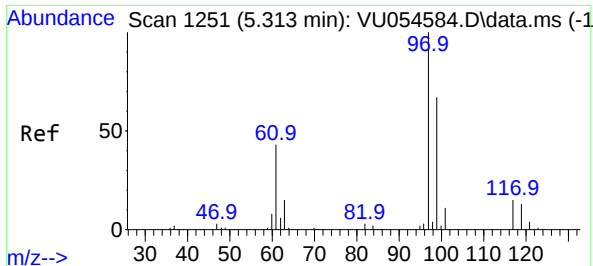
Tgt Ion: 83 Resp: 206558
Ion Ratio Lower Upper
83 100
85 64.7 44.7 82.9



#27
1,2-Dichloroethane
Concen: 5.614 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. -0.003 min
Lab File: VU054609.D
Acq: 19 Jun 2023 20:23

Tgt Ion: 62 Resp: 122811
Ion Ratio Lower Upper
62 100
98 9.4 7.8 11.6

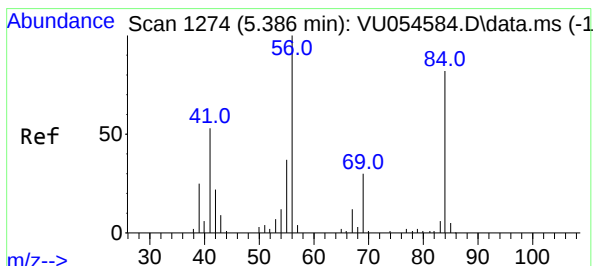
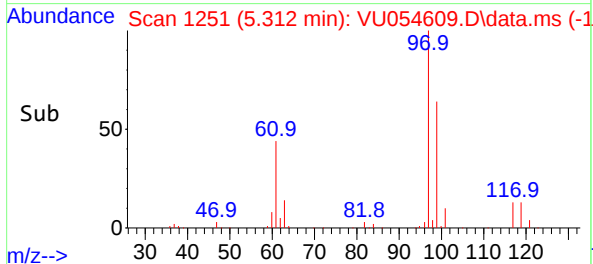
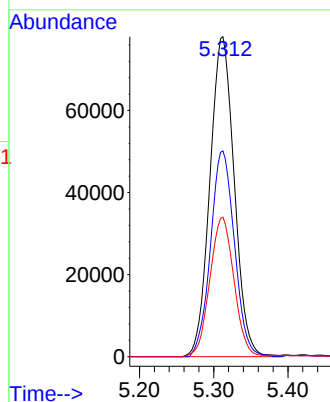
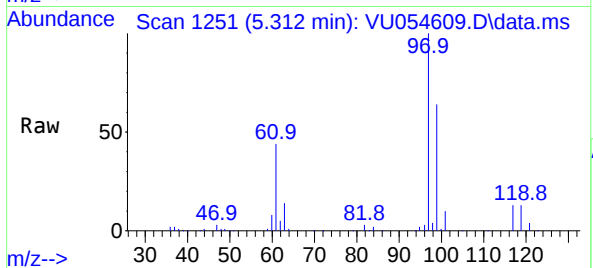




#29
1,1,1-Trichloroethane
Concen: 5.545 ug/L
RT: 5.312 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU054609.D
Acq: 19 Jun 2023 20:23

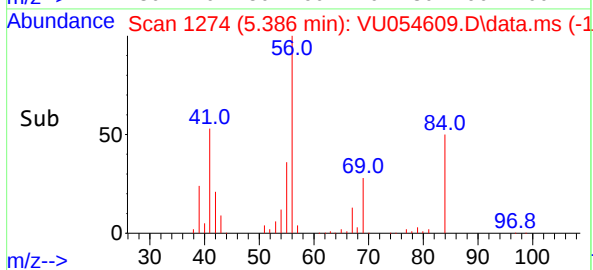
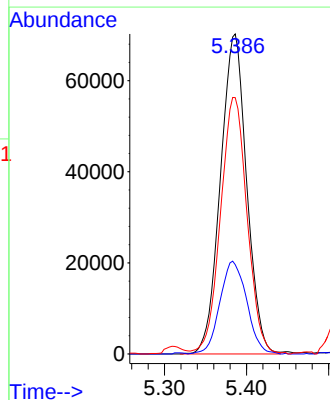
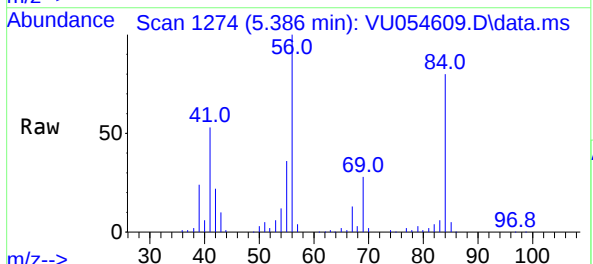
Instrument :
MSVOA_U
ClientSampleId :

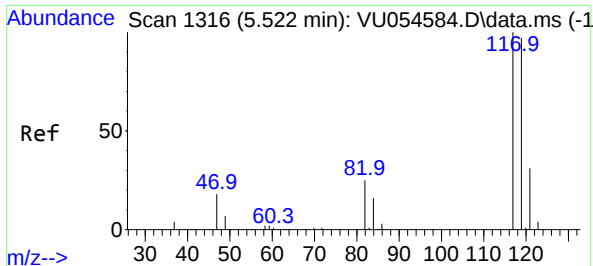
Tgt Ion: 97 Resp: 177607
Ion Ratio Lower Upper
97 100
99 63.2 50.8 76.2
61 43.1 36.1 54.1



#30
Cyclohexane
Concen: 4.475 ug/L
RT: 5.386 min Scan# 1274
Delta R.T. 0.003 min
Lab File: VU054609.D
Acq: 19 Jun 2023 20:23

Tgt Ion: 56 Resp: 156111
Ion Ratio Lower Upper
56 100
69 29.6 23.9 35.9
84 81.3 63.0 94.6

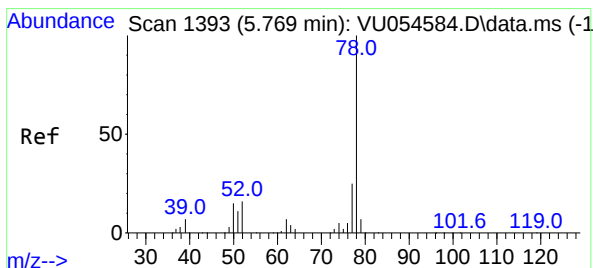
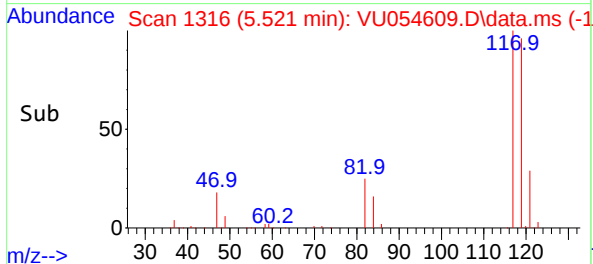
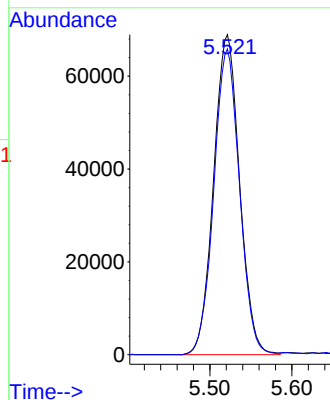
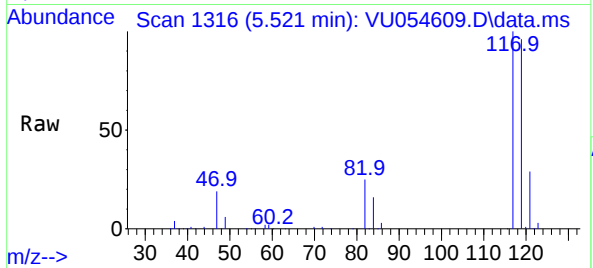




#31
Carbon tetrachloride
Concen: 5.498 ug/L
RT: 5.521 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VU054609.D
Acq: 19 Jun 2023 20:23

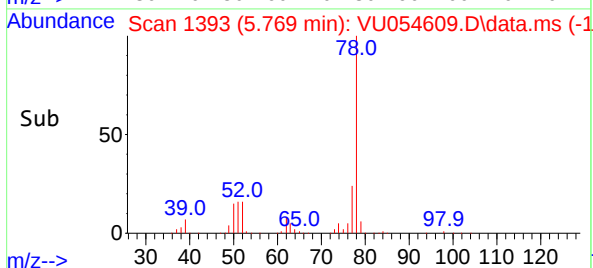
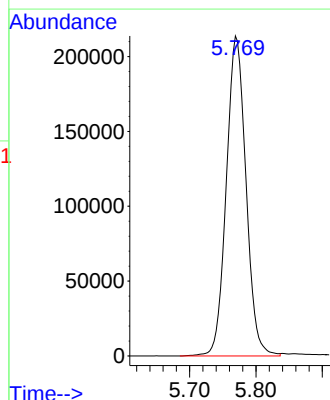
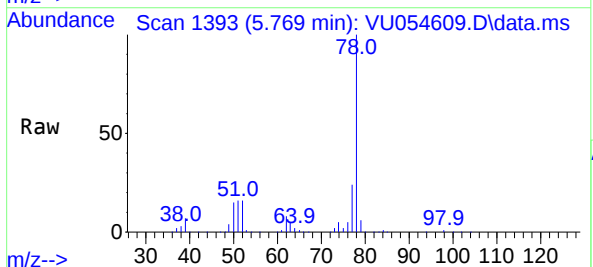
Instrument :
MSVOA_U
ClientSampleId :

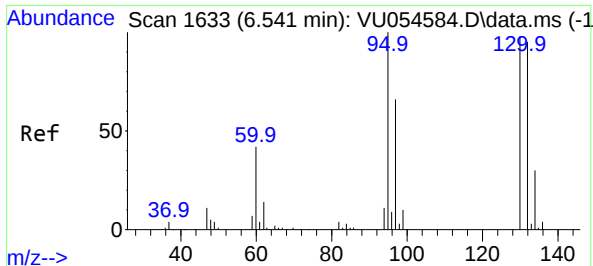
Tgt Ion:117 Resp: 151751
Ion Ratio Lower Upper
117 100
119 94.6 76.8 115.2



#33
Benzene
Concen: 5.179 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.003 min
Lab File: VU054609.D
Acq: 19 Jun 2023 20:23

Tgt Ion: 78 Resp: 439669

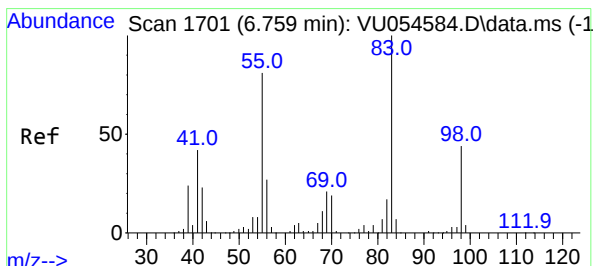
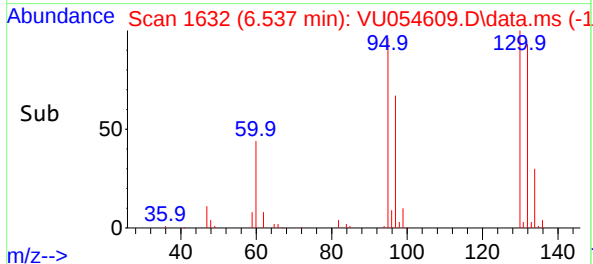
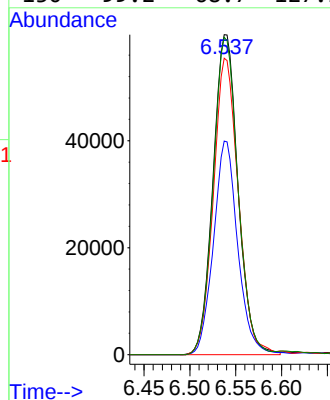
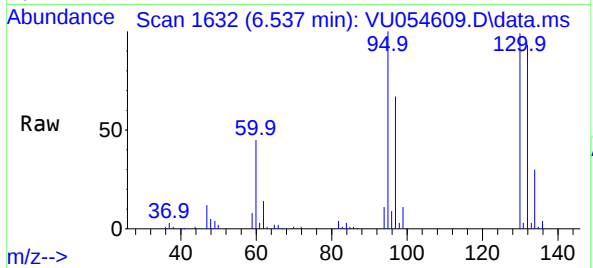




#34
Trichloroethene
Concen: 5.051 ug/L
RT: 6.537 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU054609.D
Acq: 19 Jun 2023 20:23

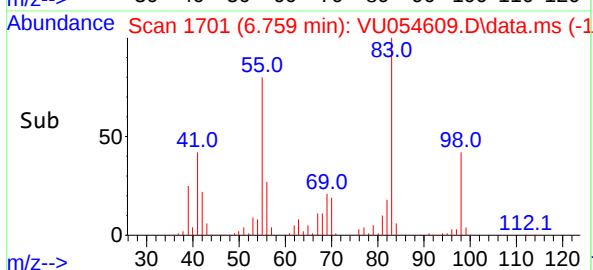
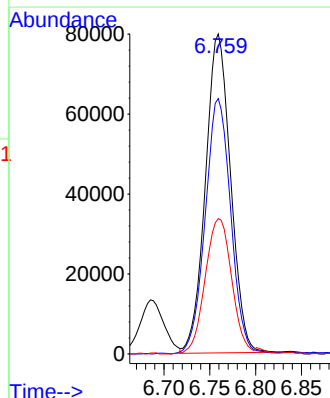
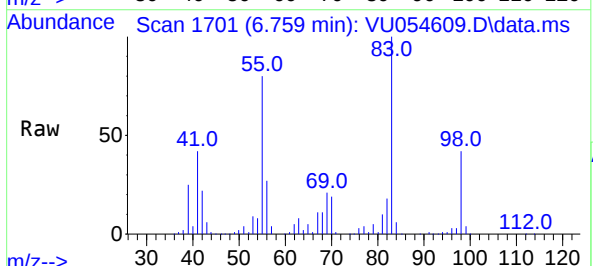
Instrument :
MSVOA_U
ClientSampleId :

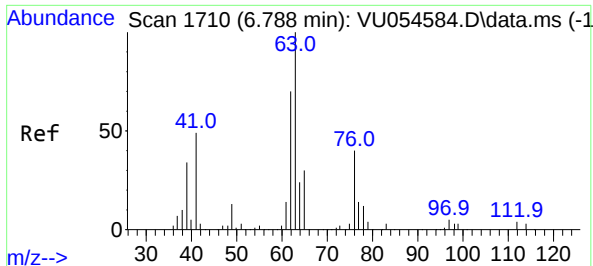
Tgt Ion: 95 Resp: 113392
Ion Ratio Lower Upper
95 100
97 66.8 46.8 87.0
132 92.7 68.4 127.0
130 99.2 68.7 127.5



#35
Methylcyclohexane
Concen: 4.494 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VU054609.D
Acq: 19 Jun 2023 20:23

Tgt Ion: 83 Resp: 152481
Ion Ratio Lower Upper
83 100
55 81.5 67.1 100.7
98 44.6 35.1 52.7

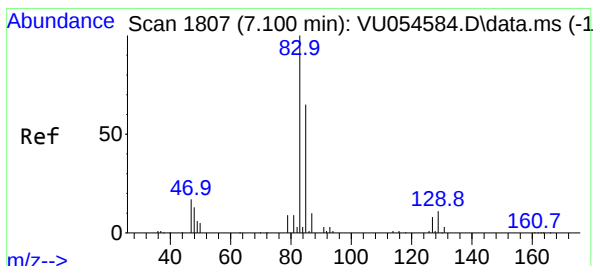
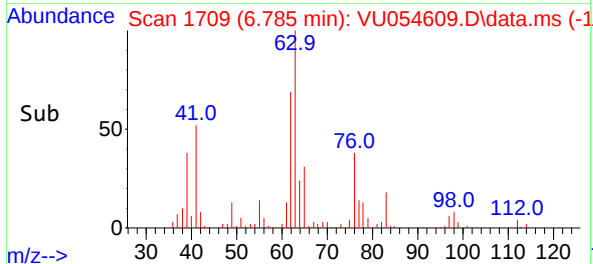
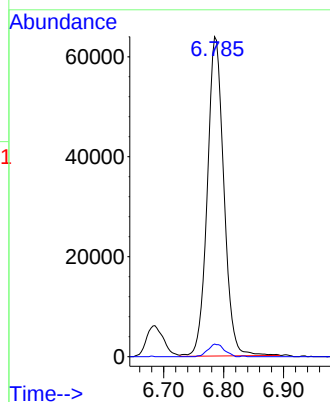
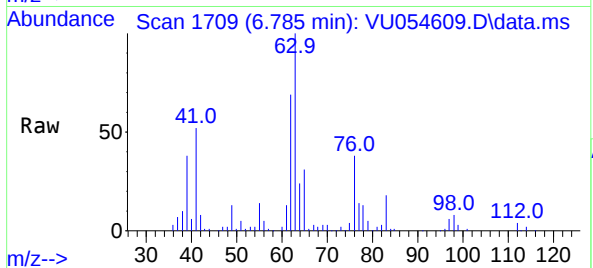




#37
1,2-Dichloropropane
Concen: 5.350 ug/L
RT: 6.785 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU054609.D
Acq: 19 Jun 2023 20:23

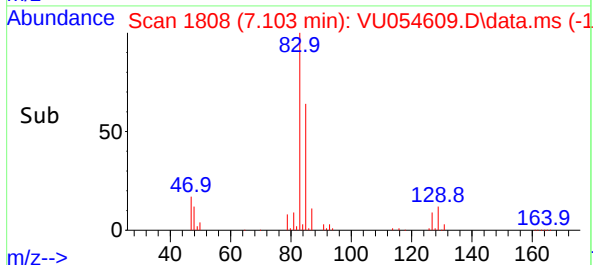
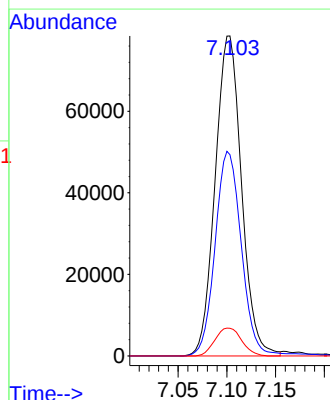
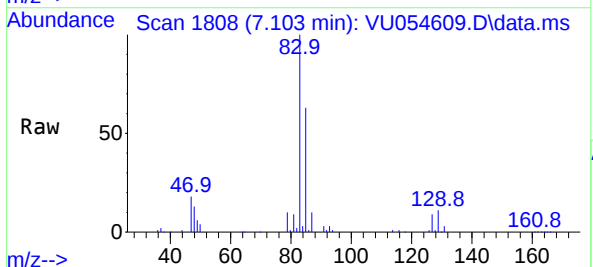
Instrument :
MSVOA_U
ClientSampleId :

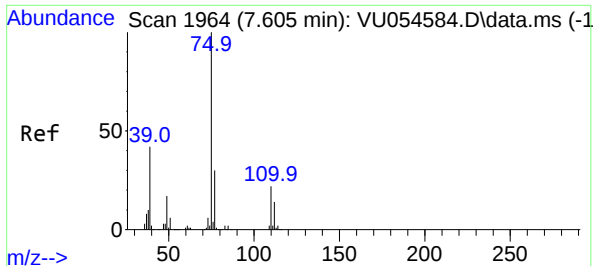
Tgt Ion: 63 Resp: 122810
Ion Ratio Lower Upper
63 100
112 3.9 3.0 4.6



#38
Bromodichloromethane
Concen: 5.691 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VU054609.D
Acq: 19 Jun 2023 20:23

Tgt Ion: 83 Resp: 147875
Ion Ratio Lower Upper
83 100
85 62.9 44.1 81.9
127 8.6 6.6 10.0

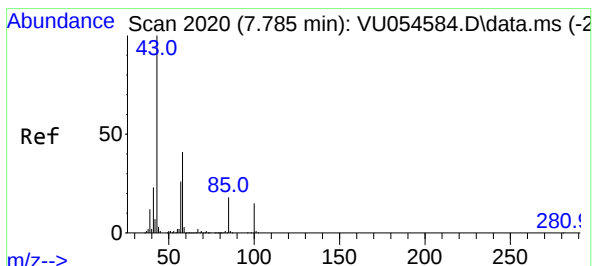
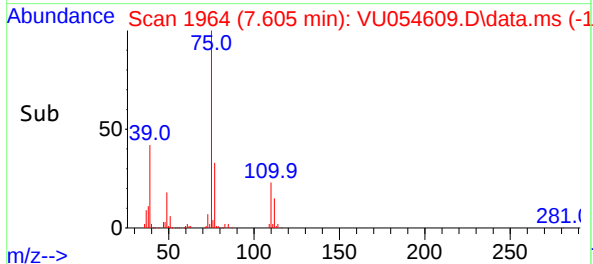
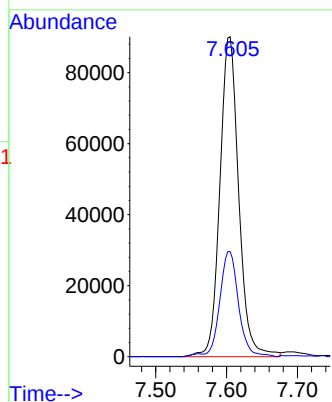
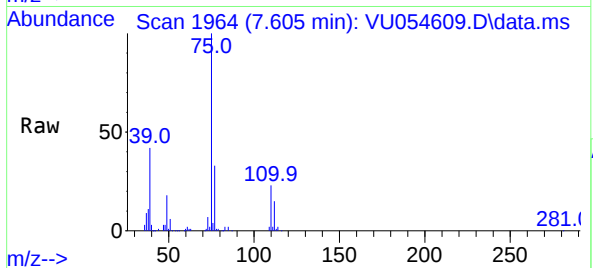




#39
cis-1,3-Dichloropropene
Concen: 5.311 ug/L
RT: 7.605 min Scan# 1964
Delta R.T. -0.000 min
Lab File: VU054609.D
Acq: 19 Jun 2023 20:23

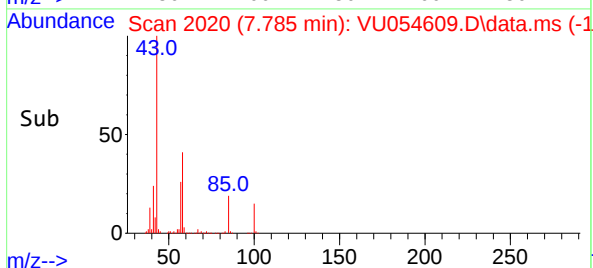
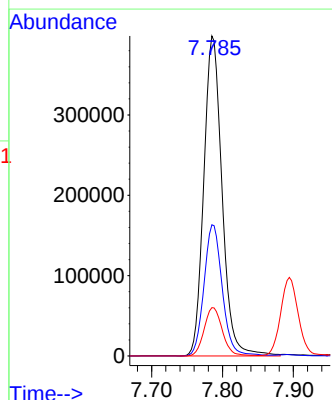
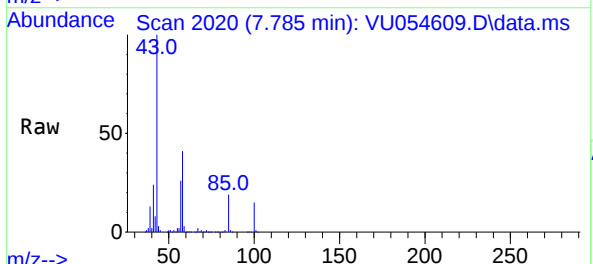
Instrument :
MSVOA_U
ClientSampleId :

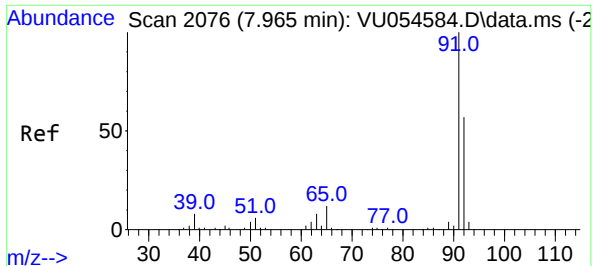
Tgt Ion: 75 Resp: 166433
Ion Ratio Lower Upper
75 100
77 32.9 22.3 41.5



#40
4-Methyl-2-pentanone
Concen: 58.342 ug/L
RT: 7.785 min Scan# 2020
Delta R.T. -0.000 min
Lab File: VU054609.D
Acq: 19 Jun 2023 20:23

Tgt Ion: 43 Resp: 714636
Ion Ratio Lower Upper
43 100
58 41.0 32.4 48.6
100 15.0 11.4 17.2

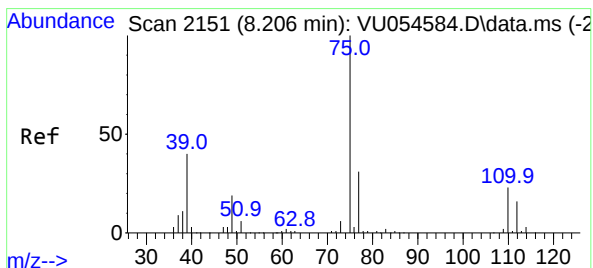
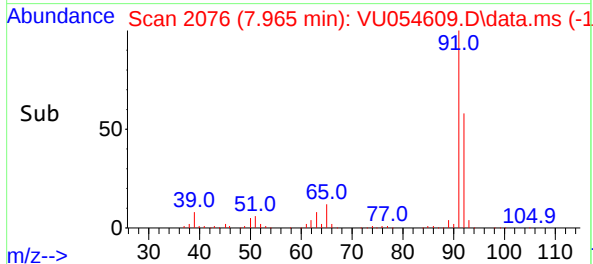
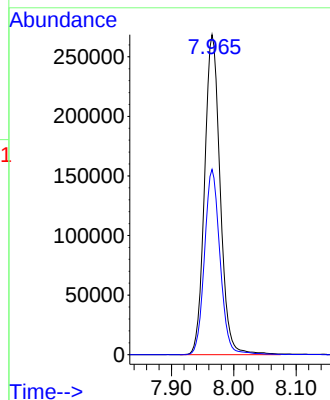
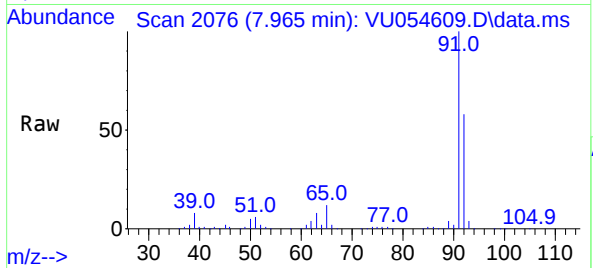




#42
Toluene
Concen: 5.341 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. -0.000 min
Lab File: VU054609.D
Acq: 19 Jun 2023 20:23

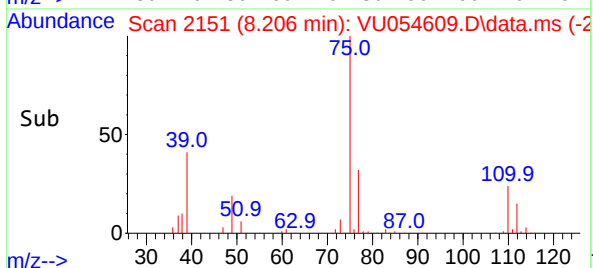
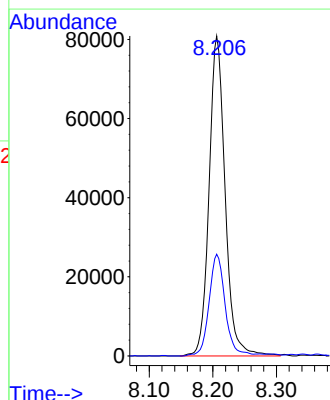
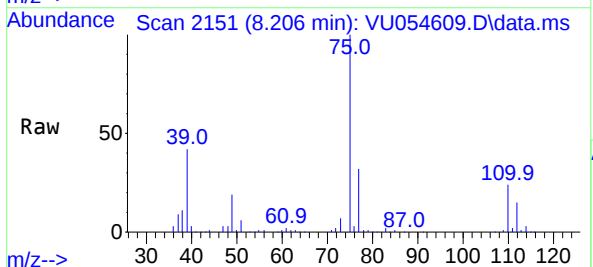
Instrument :
MSVOA_U
ClientSampleId :

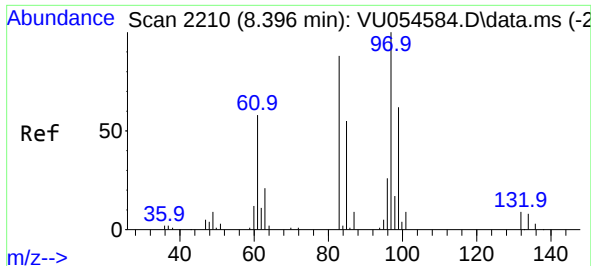
Tgt Ion: 91 Resp: 466953
Ion Ratio Lower Upper
91 100
92 57.9 39.5 73.4



#44
trans-1,3-Dichloropropene
Concen: 5.575 ug/L
RT: 8.206 min Scan# 2151
Delta R.T. -0.000 min
Lab File: VU054609.D
Acq: 19 Jun 2023 20:23

Tgt Ion: 75 Resp: 141781
Ion Ratio Lower Upper
75 100
77 31.8 21.3 39.6



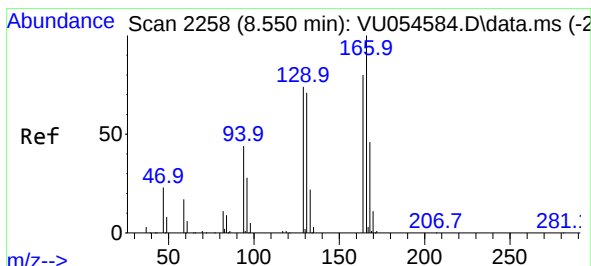
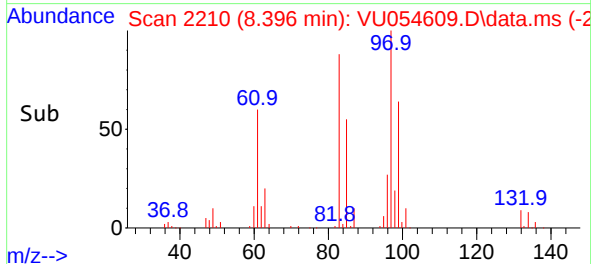
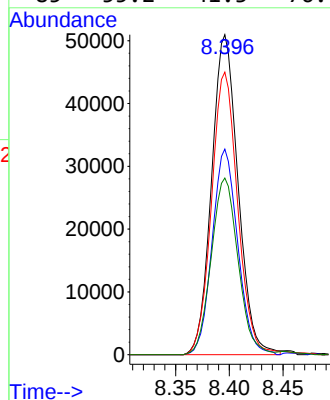
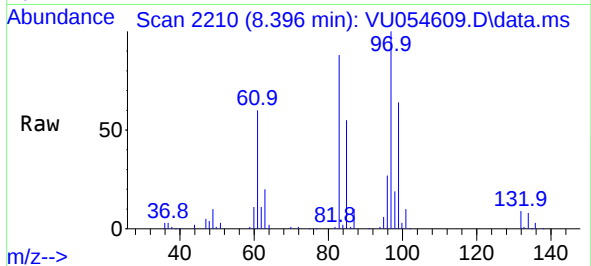


#45
1,1,2-Trichloroethane
Concen: 5.980 ug/L
RT: 8.396 min Scan# 2110
Delta R.T. -0.000 min
Lab File: VU054609.D
Acq: 19 Jun 2023 20:23

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 87315

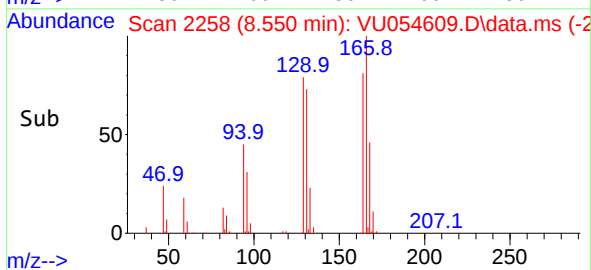
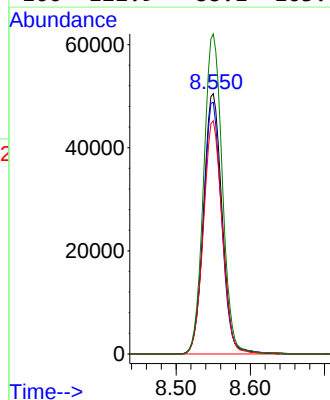
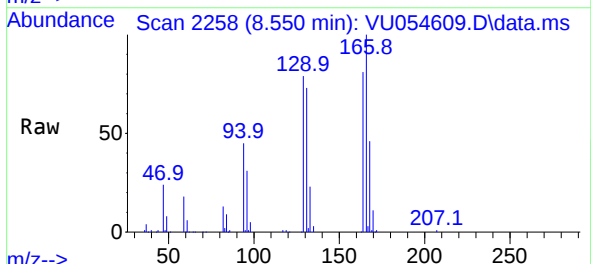
Ion	Ratio	Lower	Upper
97	100		
99	64.2	43.0	80.0
83	88.3	63.8	118.6
85	55.2	41.3	76.7

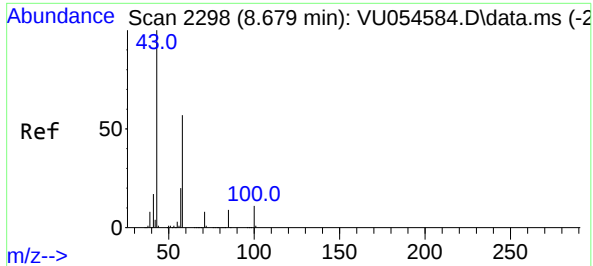


#47
Tetrachloroethene
Concen: 5.089 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU054609.D
Acq: 19 Jun 2023 20:23

Tgt Ion: 164 Resp: 87452

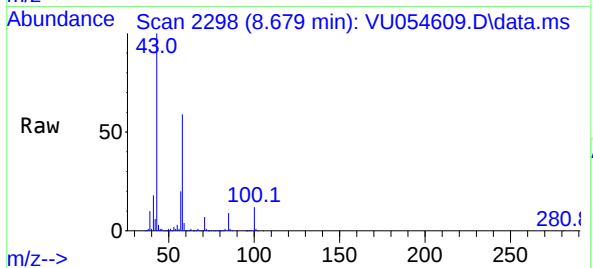
Ion	Ratio	Lower	Upper
164	100		
129	96.6	67.7	125.7
131	89.5	64.6	120.0
166	122.9	88.1	163.7





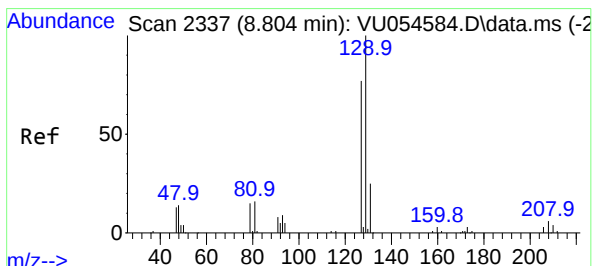
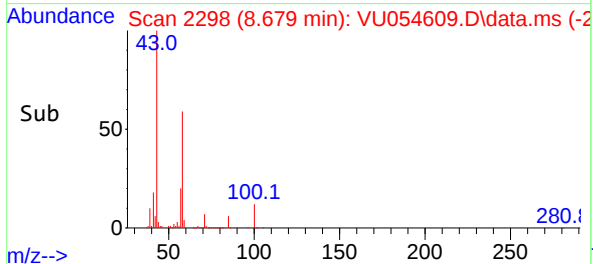
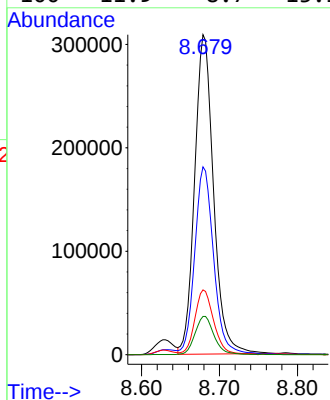
#48
2-Hexanone
Concen: 57.149 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054609.D
Acq: 19 Jun 2023 20:23

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 521596

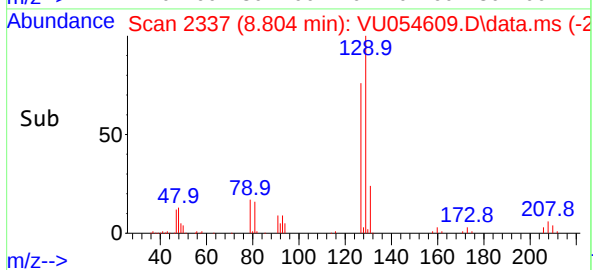
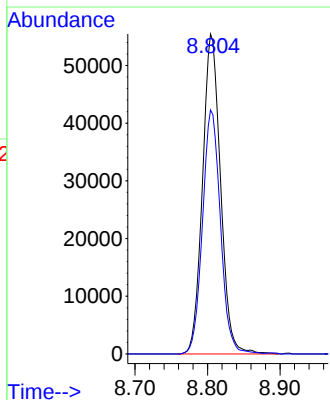
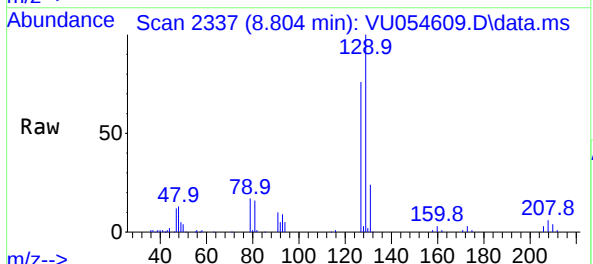
Ion	Ratio	Lower	Upper
43	100		
58	58.5	45.2	67.8
57	20.4	15.8	23.6
100	11.9	8.7	13.1

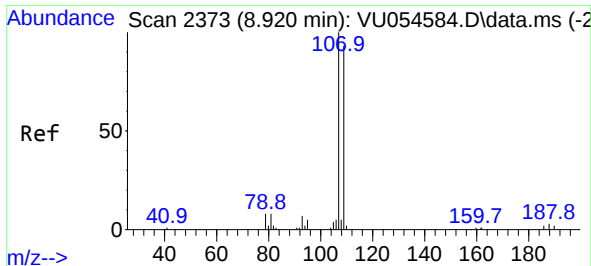


#49
Dibromochloromethane
Concen: 6.256 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU054609.D
Acq: 19 Jun 2023 20:23

Tgt Ion: 129 Resp: 95922

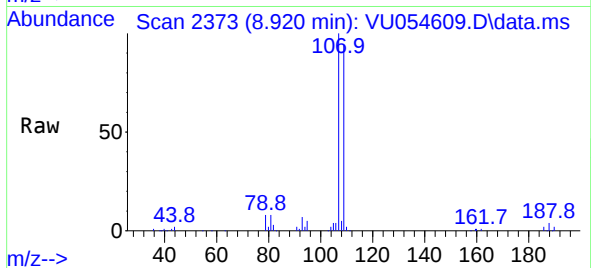
Ion	Ratio	Lower	Upper
129	100		
127	76.3	53.2	98.8



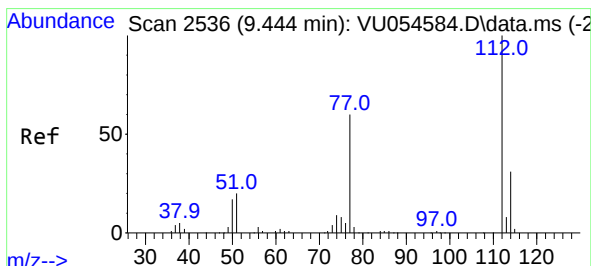
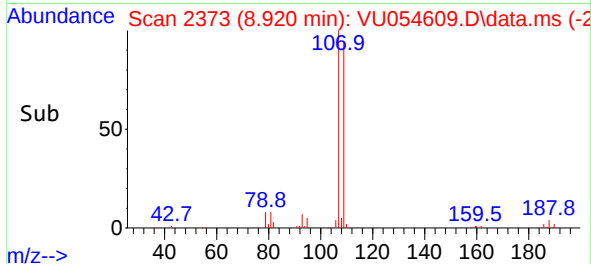
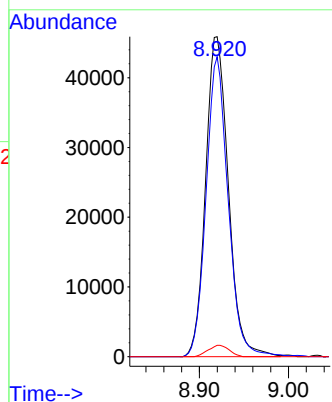


#50
1,2-Dibromoethane
Concen: 6.062 ug/L
RT: 8.920 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054609.D
Acq: 19 Jun 2023 20:23

Instrument :
MSVOA_U
ClientSampleId :

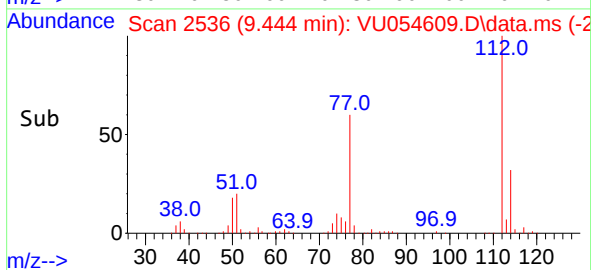
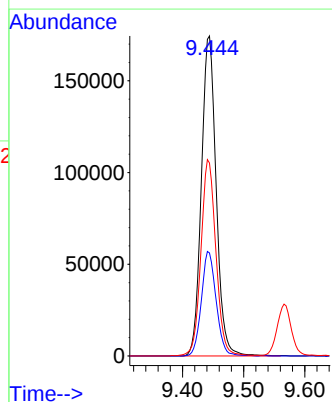
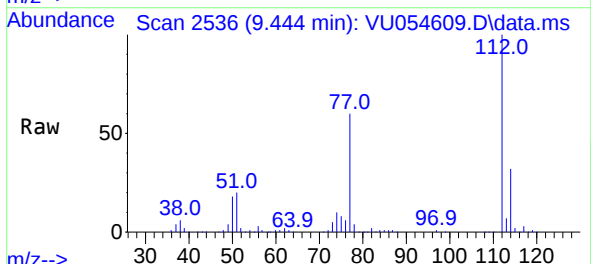


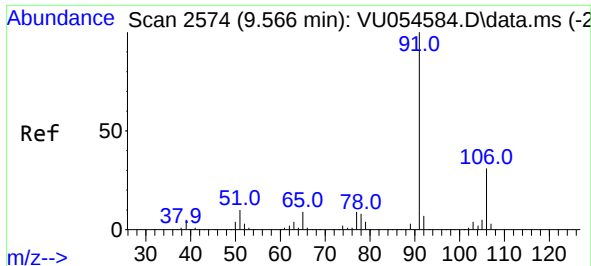
Tgt Ion:107 Resp: 81264
Ion Ratio Lower Upper
107 100
109 93.7 66.6 123.6
188 3.6 3.1 4.7



#51
Chlorobenzene
Concen: 5.382 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. -0.000 min
Lab File: VU054609.D
Acq: 19 Jun 2023 20:23

Tgt Ion:112 Resp: 293308
Ion Ratio Lower Upper
112 100
114 32.2 22.7 42.1
77 60.3 49.8 74.8

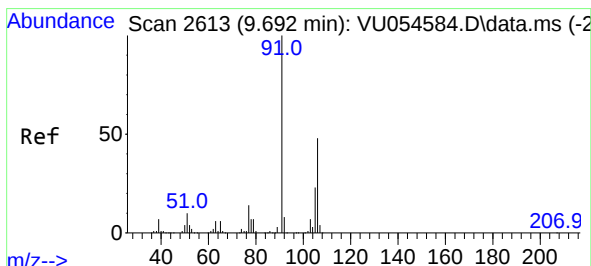
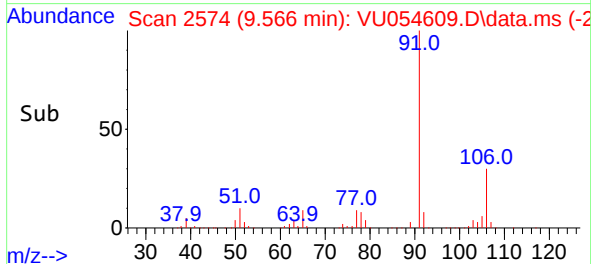
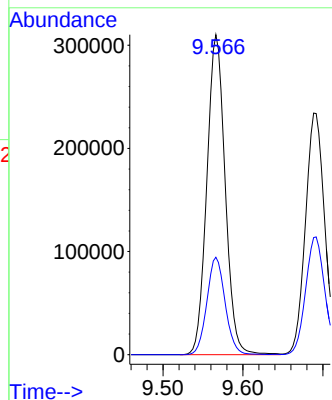
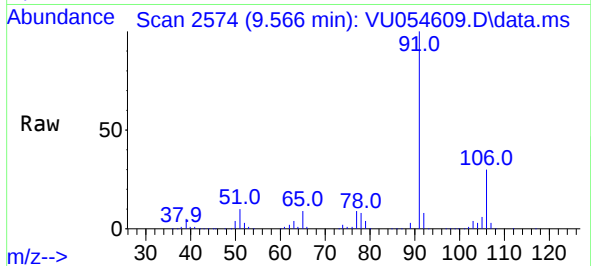




#52
Ethylbenzene
Concen: 5.182 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054609.D
Acq: 19 Jun 2023 20:23

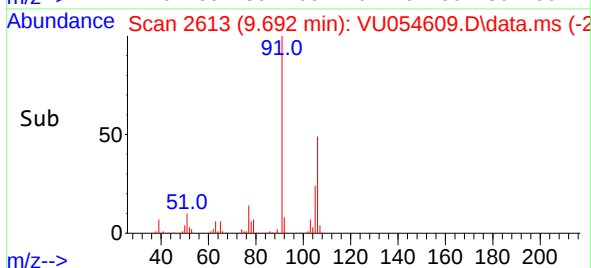
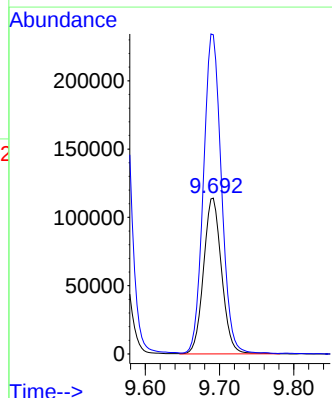
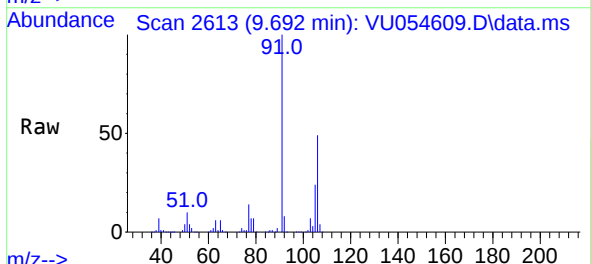
Instrument :
MSVOA_U
ClientSampleId :

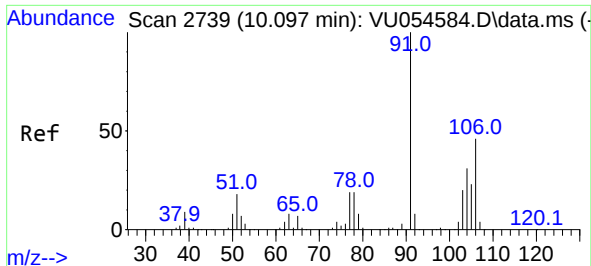
Tgt Ion: 91 Resp: 494804
Ion Ratio Lower Upper
91 100
106 30.5 21.1 39.3



#53
m,p-Xylene
Concen: 5.475 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU054609.D
Acq: 19 Jun 2023 20:23

Tgt Ion:106 Resp: 192020
Ion Ratio Lower Upper
106 100
91 204.7 147.0 273.0

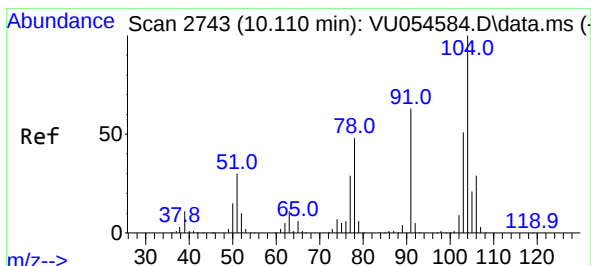
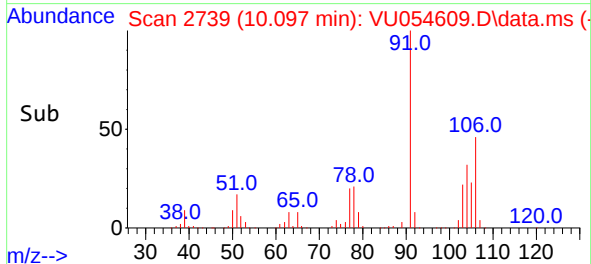
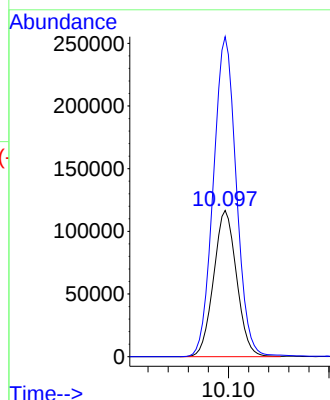
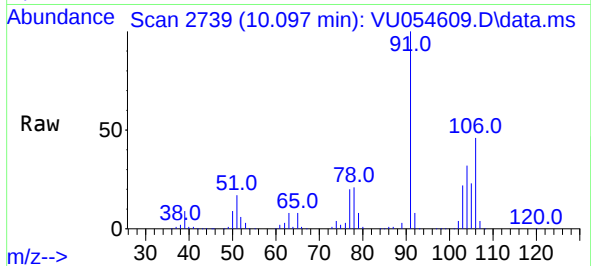




#54
o-Xylene
Concen: 5.464 ug/L
RT: 10.097 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054609.D
Acq: 19 Jun 2023 20:23

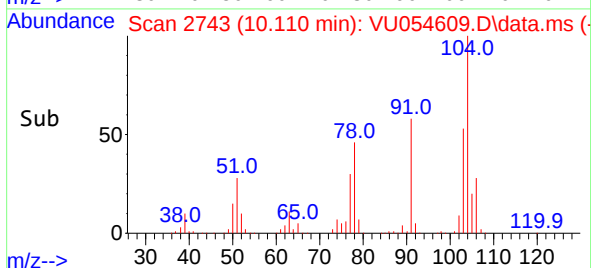
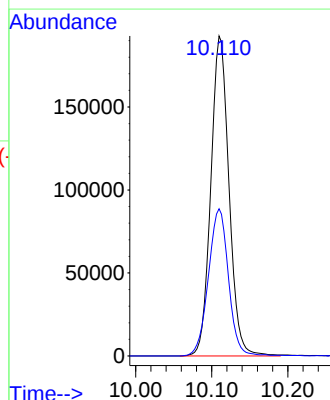
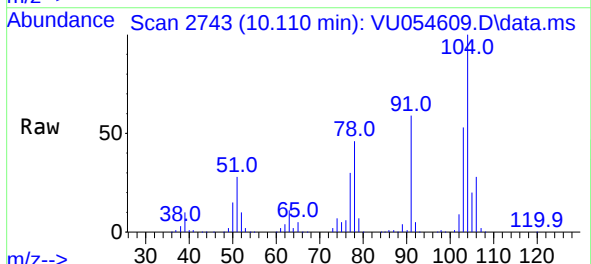
Instrument :
MSVOA_U
ClientSampleId :

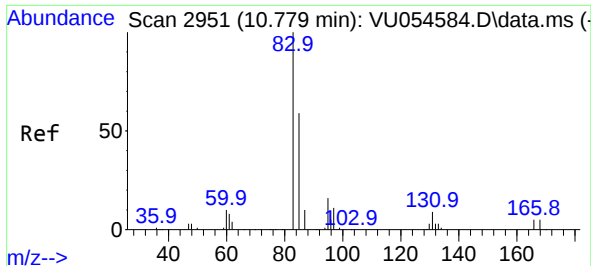
Tgt Ion:106 Resp: 185323
Ion Ratio Lower Upper
106 100
91 218.9 154.5 286.9



#55
Styrene
Concen: 5.623 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU054609.D
Acq: 19 Jun 2023 20:23

Tgt Ion:104 Resp: 320125
Ion Ratio Lower Upper
104 100
78 46.0 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.946 ug/L

RT: 10.778 min Scan# 2951

Delta R.T. -0.000 min

Lab File: VU054609.D

Acq: 19 Jun 2023 20:23

Instrument :

MSVOA_U

ClientSampleId :

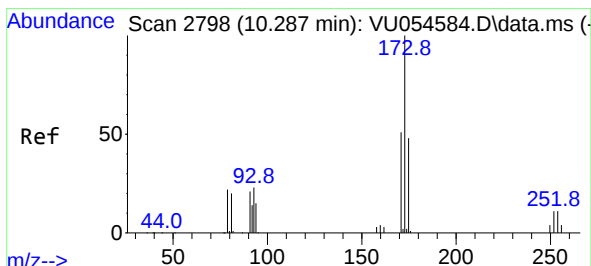
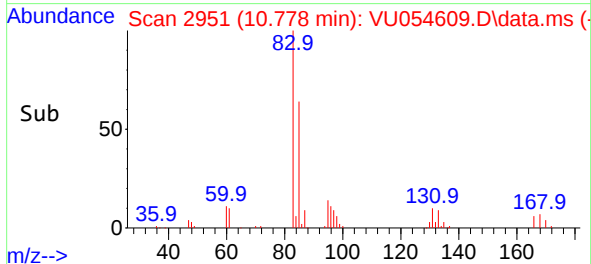
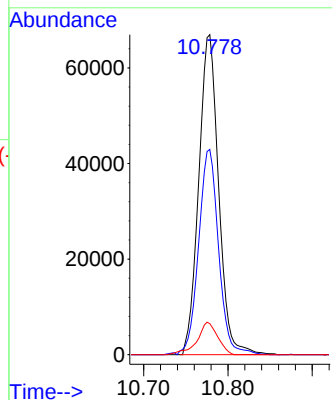
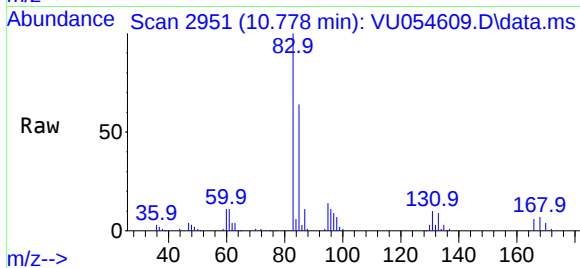
Tgt Ion: 83 Resp: 110281

Ion Ratio Lower Upper

83 100

85 64.2 44.2 82.2

131 9.7 7.0 10.6



#59

Bromoform

Concen: 6.448 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. -0.000 min

Lab File: VU054609.D

Acq: 19 Jun 2023 20:23

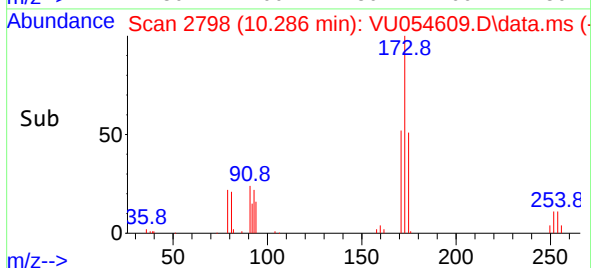
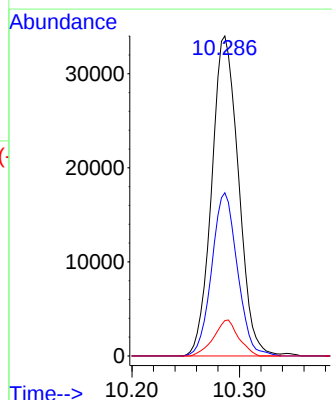
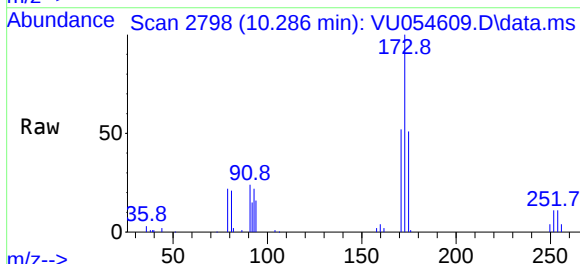
Tgt Ion:173 Resp: 58966

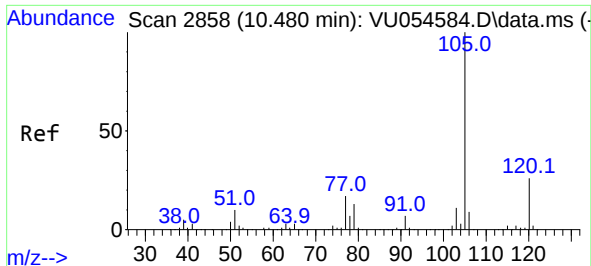
Ion Ratio Lower Upper

173 100

175 48.8 39.4 59.0

254 10.4 8.6 12.8

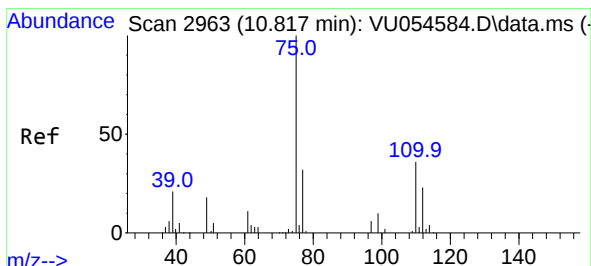
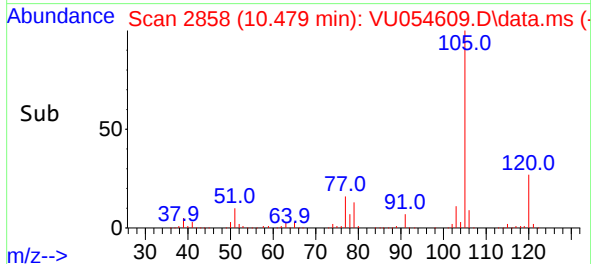
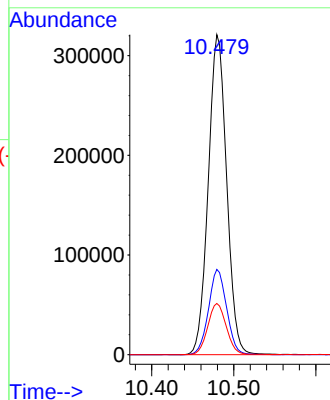
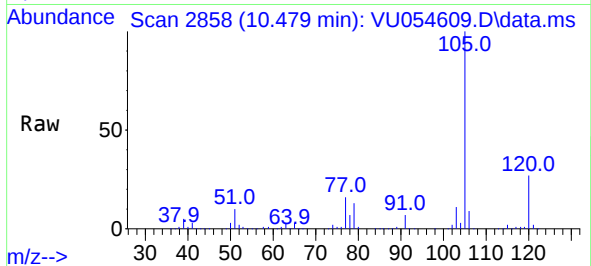




#60
Isopropylbenzene
Concen: 5.376 ug/L
RT: 10.479 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054609.D
Acq: 19 Jun 2023 20:23

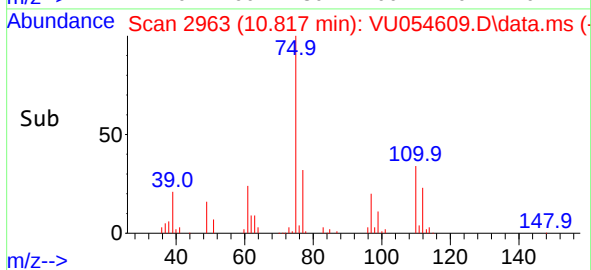
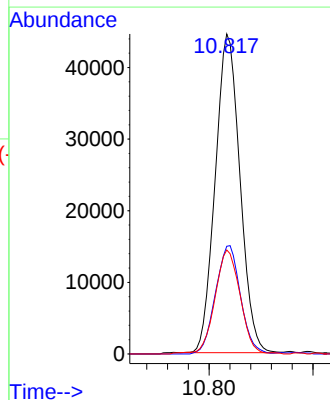
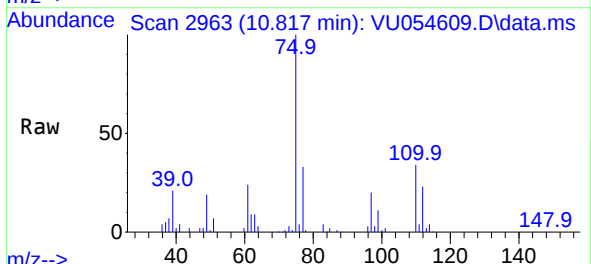
Instrument :
MSVOA_U
ClientSampleId :

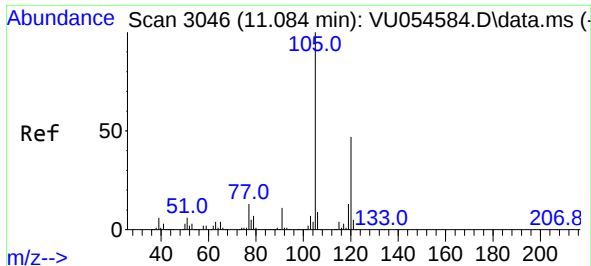
Tgt Ion:105 Resp: 500977
Ion Ratio Lower Upper
105 100
120 26.3 20.9 31.3
77 16.2 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 5.711 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU054609.D
Acq: 19 Jun 2023 20:23

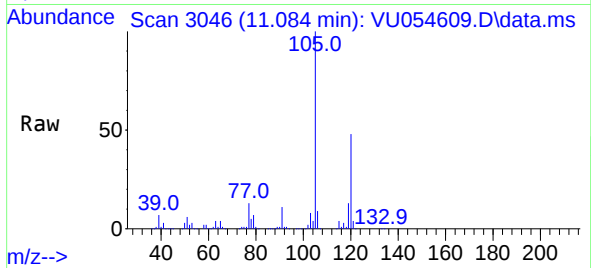
Tgt Ion: 75 Resp: 73525
Ion Ratio Lower Upper
75 100
110 34.4 28.0 42.0
77 33.3 25.4 38.2



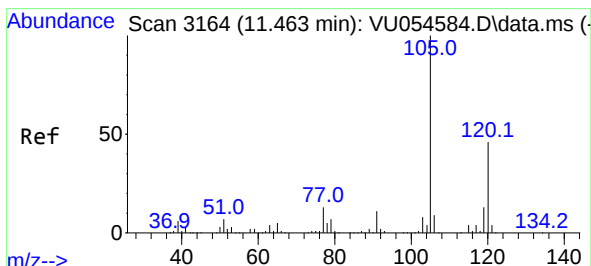
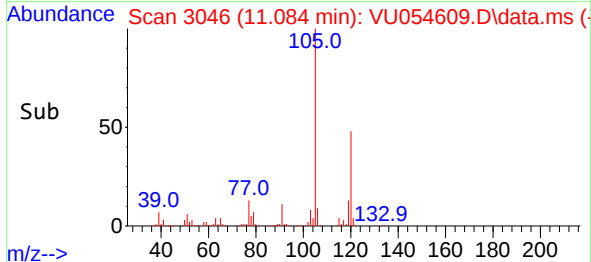
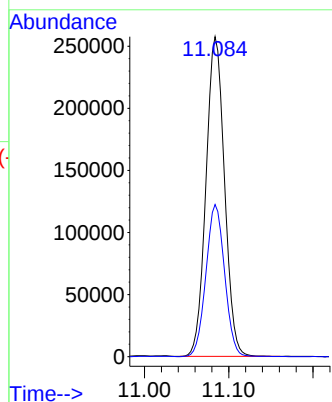


#62
1,3,5-Trimethylbenzene
Concen: 5.179 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU054609.D
Acq: 19 Jun 2023 20:23

Instrument :
MSVOA_U
ClientSampleId :

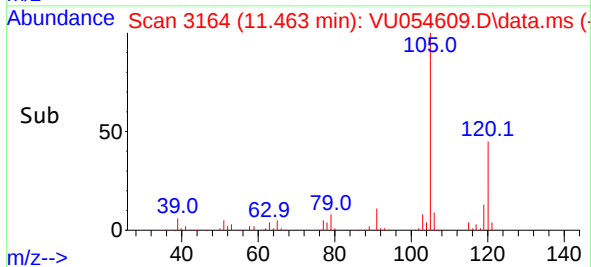
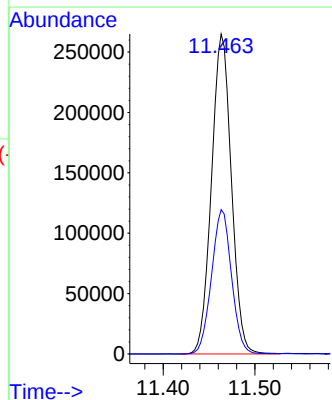
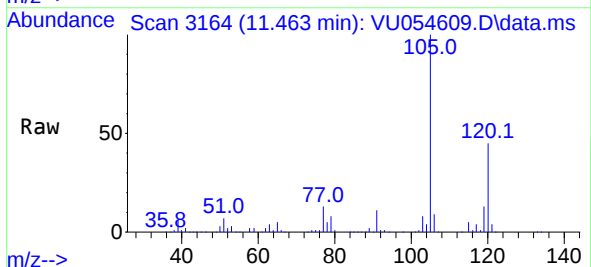


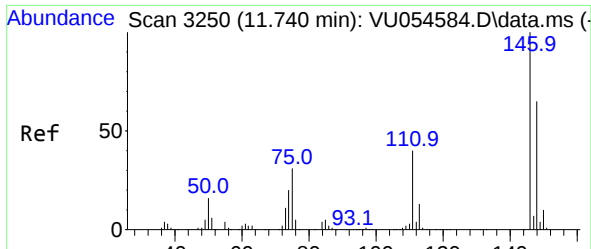
Tgt Ion:105 Resp: 393748
Ion Ratio Lower Upper
105 100
120 48.1 37.9 56.9



#63
1,2,4-Trimethylbenzene
Concen: 5.175 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU054609.D
Acq: 19 Jun 2023 20:23

Tgt Ion:105 Resp: 399611
Ion Ratio Lower Upper
105 100
120 45.3 35.4 53.0

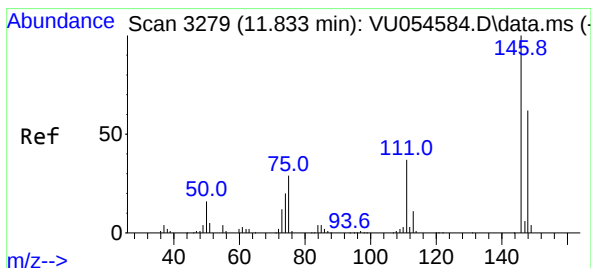
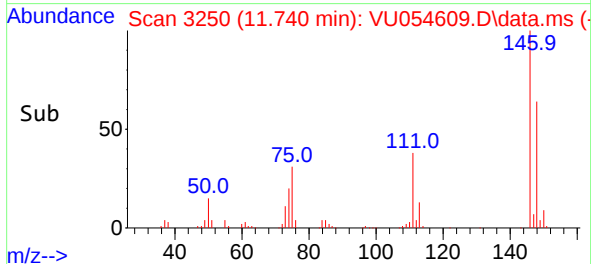
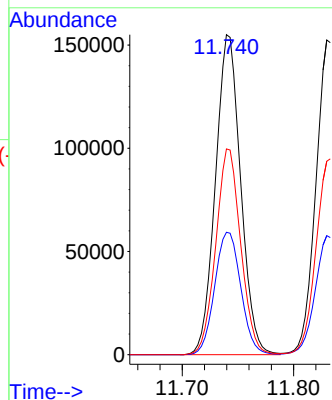
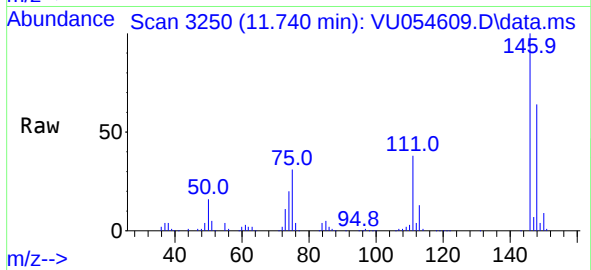




#64
1,3-Dichlorobenzene
Concen: 5.600 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU054609.D
Acq: 19 Jun 2023 20:23

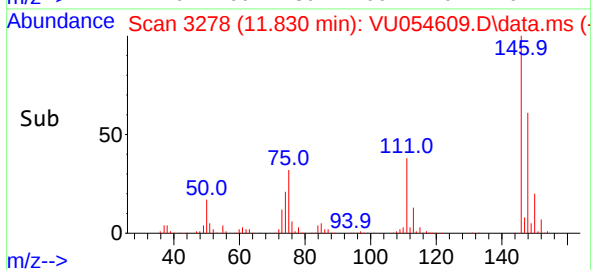
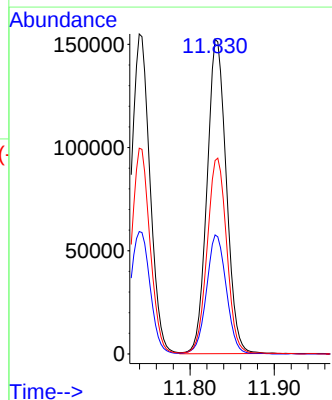
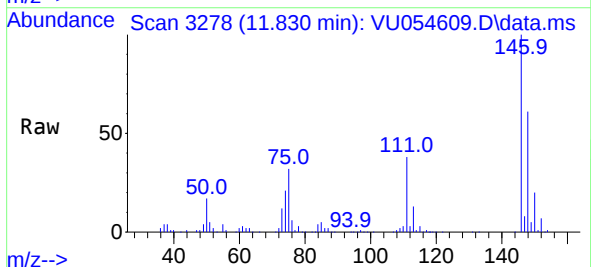
Instrument :
MSVOA_U
ClientSampleId :

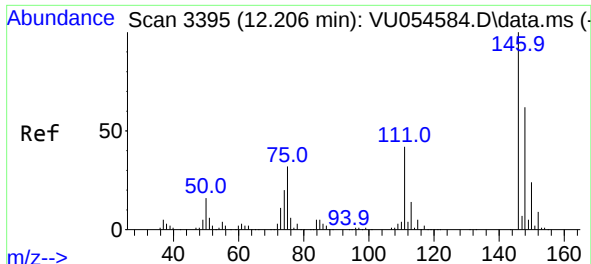
Tgt Ion:146 Resp: 243916
Ion Ratio Lower Upper
146 100
111 38.3 28.9 53.7
148 64.3 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 5.561 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.003 min
Lab File: VU054609.D
Acq: 19 Jun 2023 20:23

Tgt Ion:146 Resp: 243096
Ion Ratio Lower Upper
146 100
111 37.8 28.0 52.0
148 61.5 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 5.560 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU054609.D

Acq: 19 Jun 2023 20:23

Instrument :

MSVOA_U

ClientSampleId :

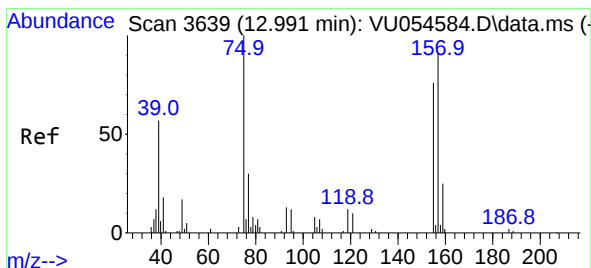
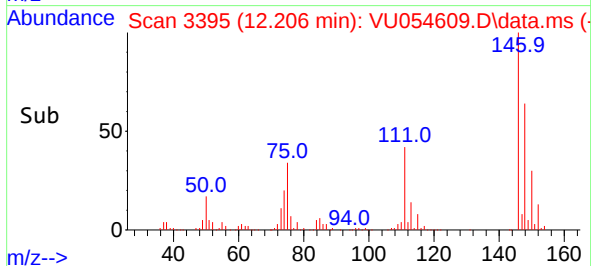
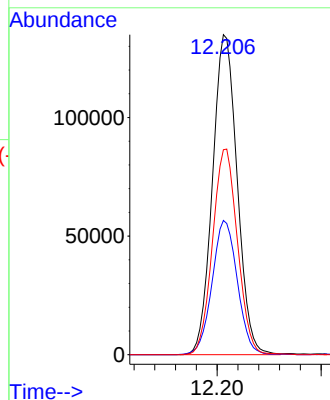
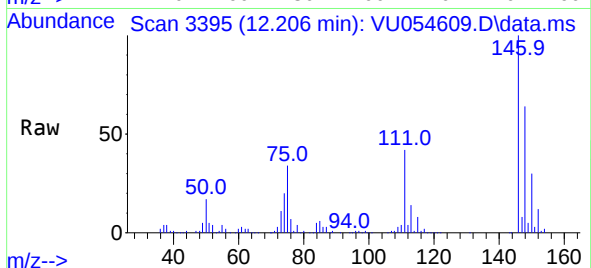
Tgt Ion:146 Resp: 222747

Ion Ratio Lower Upper

146 100

111 42.0 34.5 51.7

148 64.1 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 6.256 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU054609.D

Acq: 19 Jun 2023 20:23

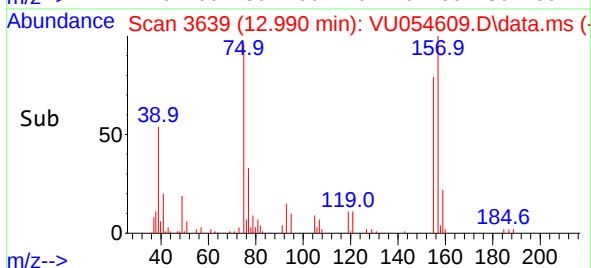
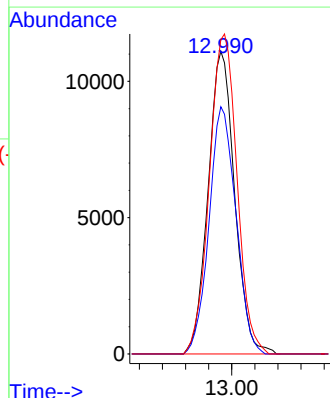
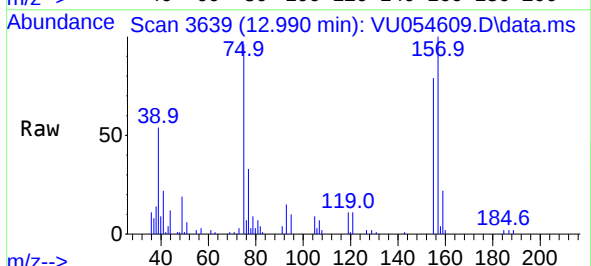
Tgt Ion: 75 Resp: 17698

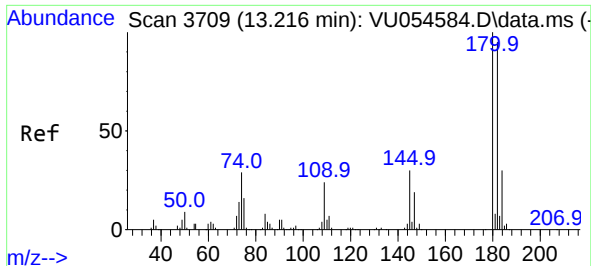
Ion Ratio Lower Upper

75 100

155 81.7 65.7 98.5

157 103.8 84.2 126.2





#69

1,3,5-Trichlorobenzene

Concen: 5.342 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.003 min

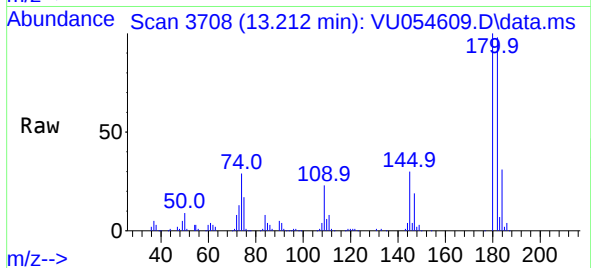
Lab File: VU054609.D

Acq: 19 Jun 2023 20:23

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 175568

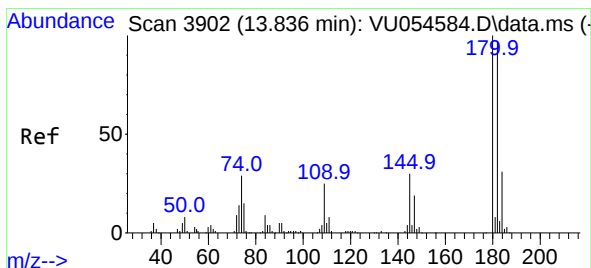
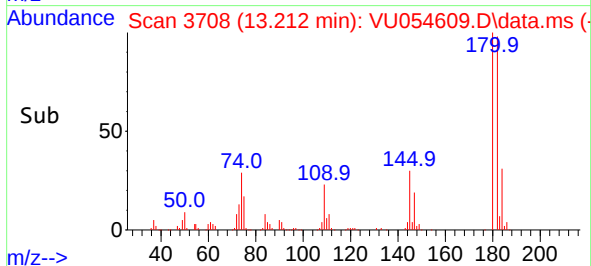
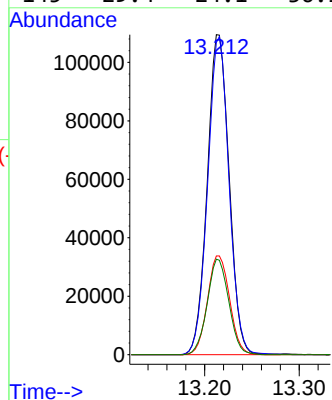
Ion Ratio Lower Upper

180 100

182 97.3 75.0 112.6

184 31.3 24.1 36.1

145 29.4 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 5.586 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU054609.D

Acq: 19 Jun 2023 20:23

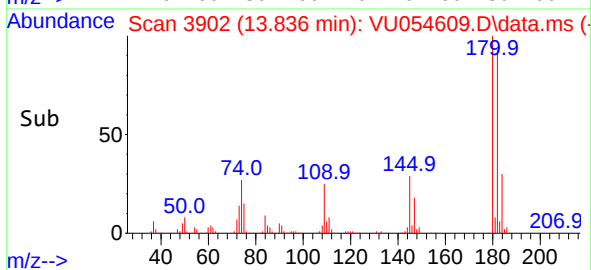
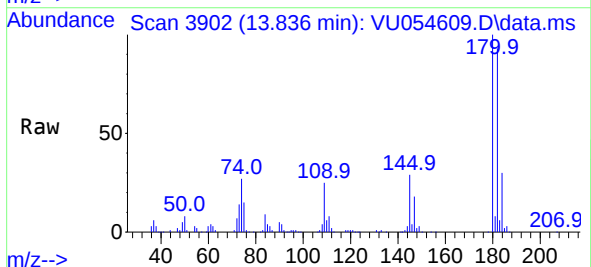
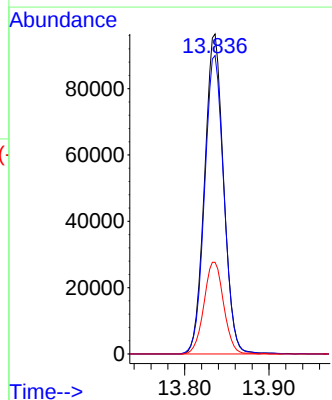
Tgt Ion:180 Resp: 151820

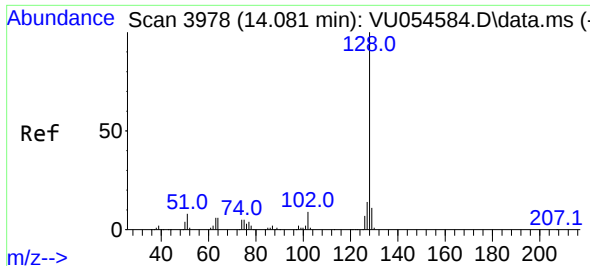
Ion Ratio Lower Upper

180 100

182 94.8 76.6 114.8

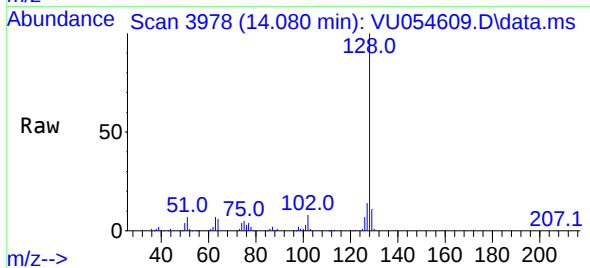
145 29.7 24.0 36.0



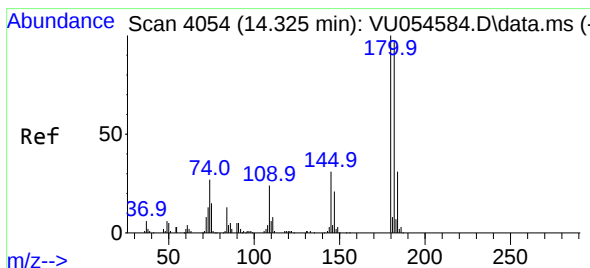
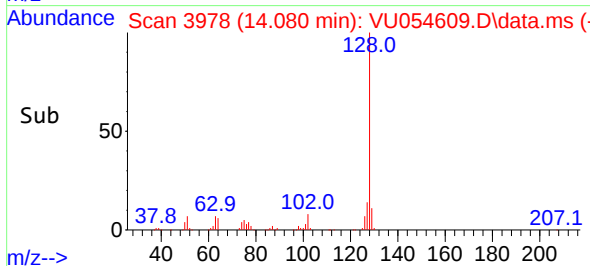
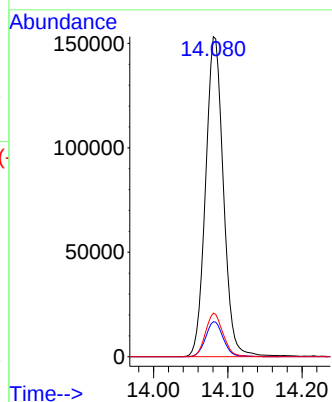


#71
Naphthalene
Concen: 5.758 ug/L
RT: 14.080 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU054609.D
Acq: 19 Jun 2023 20:23

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 254457
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.4 10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 5.842 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU054609.D
Acq: 19 Jun 2023 20:23

Tgt Ion:180 Resp: 136387
Ion Ratio Lower Upper
180 100
182 96.9 75.4 113.2
145 32.2 26.0 39.0

