

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061923\
 Data File : VU054610.D
 Acq On : 19 Jun 2023 20:47
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 20 05:54:30 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	247986	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	239343	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	132822	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	50696	3.212	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.200%
7) Chloroethane-d5	1.914	69	74741	5.058	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.200%
11) 1,1-Dichloroethene-d2	2.563	65	25671	3.642	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.800%
20) 2-Butanone-d5	4.628	46	325334	73.319	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	146.640%#
24) Chloroform-d	5.058	84	191166	5.795	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.800%
26) 1,2-Dichloroethane-d4	5.698	65	95742	5.954	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.000%
32) Benzene-d6	5.724	84	346279	5.205	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
36) 1,2-Dichloropropane-d6	6.685	67	123164	5.543	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.800%
41) Toluene-d8	7.894	98	294332	4.985	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
43) trans-1,3-Dichloroprop...	8.177	79	40221	5.205	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.200%
46) 2-Hexanone-d5	8.627	63	242707	74.872	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	149.740%#
56) 1,1,2,2-Tetrachloroeth...	10.749	84	106855	6.449	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	129.000%#
66) 1,2-Dichlorobenzene-d4	12.187	152	119753	5.345	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	110821	4.783	ug/L	99
3) Chloromethane	1.522	50	127649	4.795	ug/L	100
5) Vinyl chloride	1.602	62	139761	5.115	ug/L	99
6) Bromomethane	1.856	94	78108	5.200	ug/L	99
8) Chloroethane	1.933	64	86812	5.301	ug/L	97
9) Trichlorofluoromethane	2.136	101	187451	5.581	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	108139	5.503	ug/L	97
12) 1,1-Dichloroethene	2.576	96	94588	5.259	ug/L	97
13) Acetone	2.644	43	176873	42.276	ug/L	97
14) Carbon disulfide	2.792	76	258895	4.854	ug/L	99
15) Methyl Acetate	2.952	43	45448	5.862	ug/L	96
16) Methylene chloride	3.042	84	132003	5.219	ug/L	97
17) Methyl tert-butyl Ether	3.361	73	251481	5.664	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	98467	5.302	ug/L	94
19) 1,1-Dichloroethane	3.862	63	207420	5.397	ug/L	99
21) 2-Butanone	4.708	43	298057	54.893	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	116376	5.503	ug/L	93
23) Bromochloromethane	4.972	128	50510	5.740	ug/L	92
25) Chloroform	5.084	83	211359	5.578	ug/L	97

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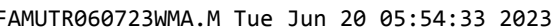
Instrument :
 MSVOA_U
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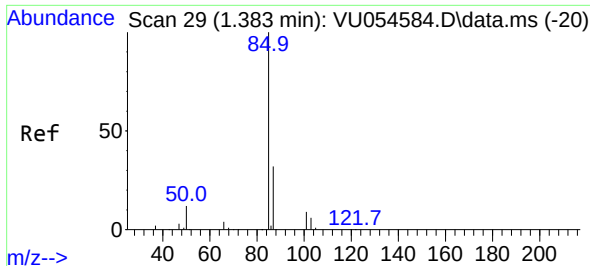
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	122690	5.524	ug/L	98
29) 1,1,1-Trichloroethane	5.312	97	179360	5.526	ug/L	99
30) Cyclohexane	5.383	56	164282	4.647	ug/L	95
31) Carbon tetrachloride	5.521	117	151699	5.424	ug/L	99
33) Benzene	5.769	78	442509	5.144	ug/L	100
34) Trichloroethene	6.537	95	116738	5.132	ug/L	94
35) Methylcyclohexane	6.759	83	162530	4.727	ug/L	99
37) 1,2-Dichloropropane	6.785	63	121664	5.231	ug/L	100
38) Bromodichloromethane	7.100	83	149679	5.685	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	166629	5.248	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	719944	58.006	ug/L	99
42) Toluene	7.965	91	480335	5.422	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	142139	5.516	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	86027	5.814	ug/L	96
47) Tetrachloroethene	8.550	164	88693	5.094	ug/L	97
48) 2-Hexanone	8.679	43	529072	57.209	ug/L	98
49) Dibromochloromethane	8.804	129	94900	6.108	ug/L	100
50) 1,2-Dibromoethane	8.920	107	79316	5.839	ug/L	99
51) Chlorobenzene	9.441	112	297846	5.394	ug/L	98
52) Ethylbenzene	9.566	91	516453	5.338	ug/L	100
53) m,p-Xylene	9.692	106	197124	5.547	ug/L	98
54) o-Xylene	10.097	106	189369	5.510	ug/L	100
55) Styrene	10.110	104	331357	5.744	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	110698	5.890	ug/L	97
59) Bromoform	10.286	173	59236	6.212	ug/L	100
60) Isopropylbenzene	10.479	105	522624	5.379	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	73048	5.442	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	412562	5.204	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	422634	5.249	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	254724	5.609	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	252641	5.543	ug/L	100
67) 1,2-Dichlorobenzene	12.209	146	231217	5.535	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	18010	6.106	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	190369	5.555	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	166355	5.871	ug/L	98
71) Naphthalene	14.081	128	269201	5.843	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	148143	6.085	ug/L	98

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

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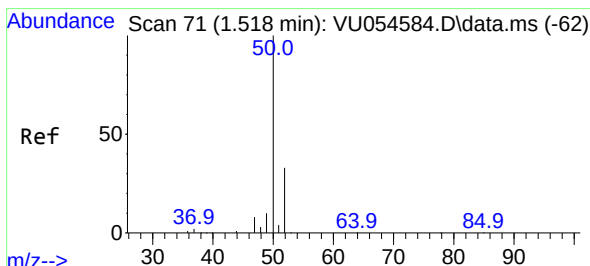
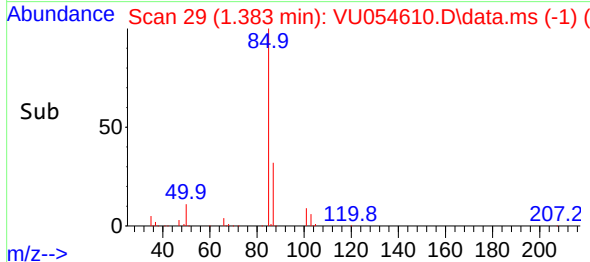
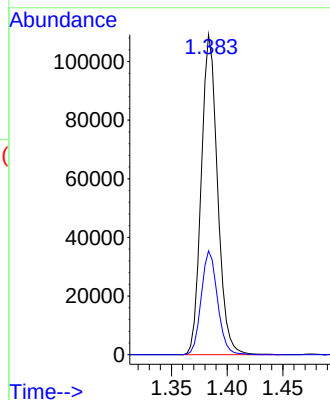
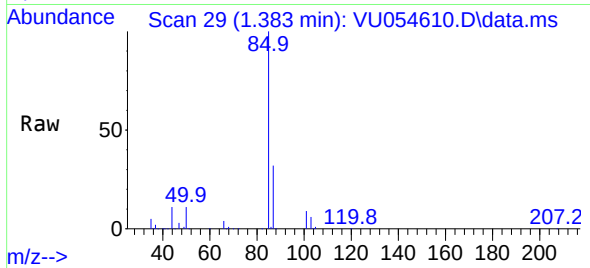




#2
 Dichlorodifluoromethane
 Concen: 4.783 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU054610.D
 Acq: 19 Jun 2023 20:47

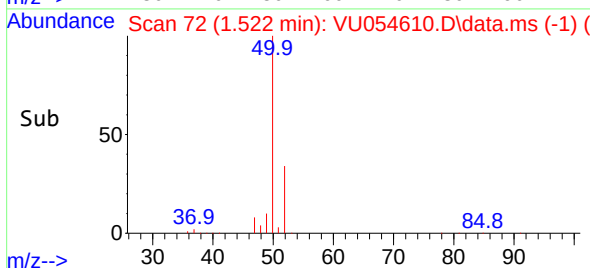
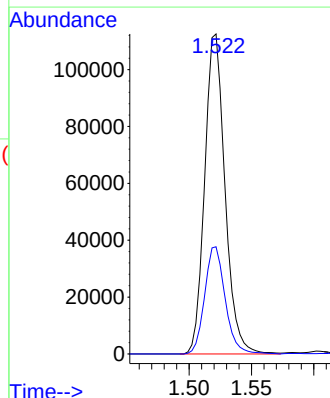
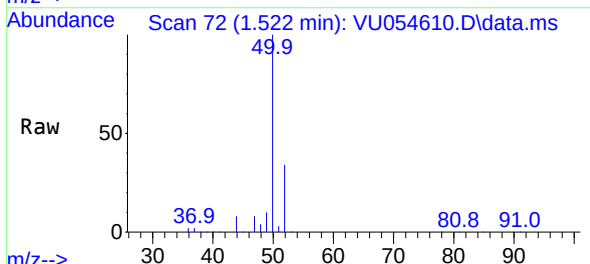
Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 85 Resp: 110821
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.4 38.2

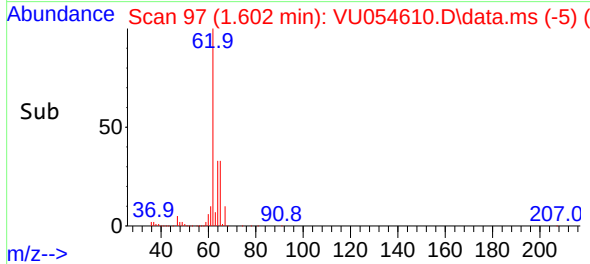
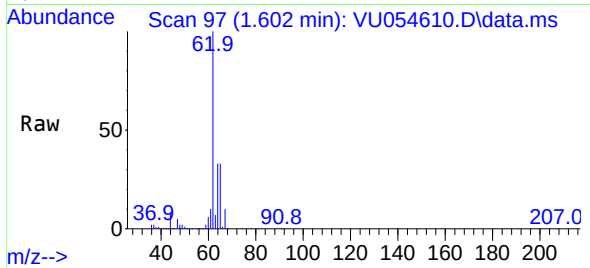
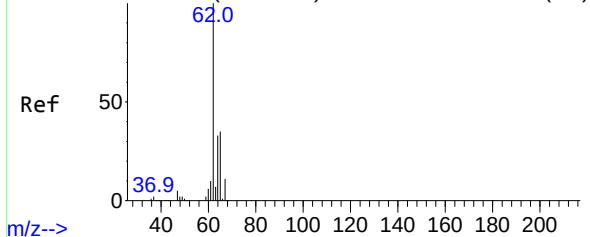


#3
 Chloromethane
 Concen: 4.795 ug/L
 RT: 1.522 min Scan# 72
 Delta R.T. 0.003 min
 Lab File: VU054610.D
 Acq: 19 Jun 2023 20:47

Tgt Ion: 50 Resp: 127649
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.4 43.4



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



#5

Vinyl chloride

Concen: 5.115 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.003 min

Lab File: VU054610.D

Acq: 19 Jun 2023 20:47

Instrument :

MSVOA_U

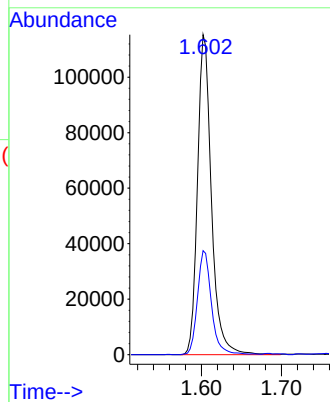
ClientSampleId :

Tgt Ion: 62 Resp: 139761

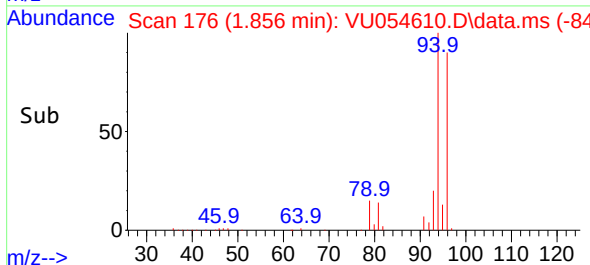
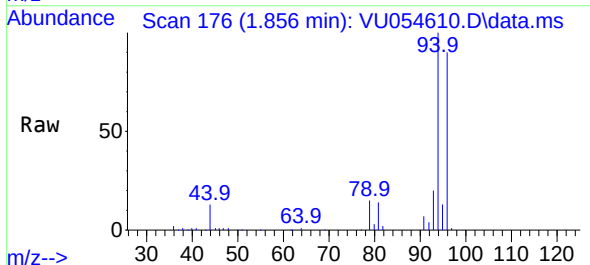
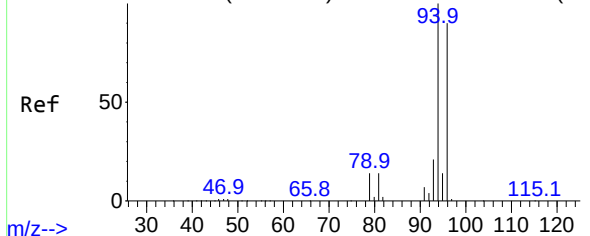
Ion Ratio Lower Upper

62 100

64 32.5 23.0 42.6



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



#6

Bromomethane

Concen: 5.200 ug/L

RT: 1.856 min Scan# 176

Delta R.T. -0.003 min

Lab File: VU054610.D

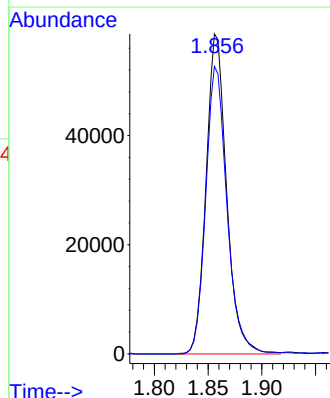
Acq: 19 Jun 2023 20:47

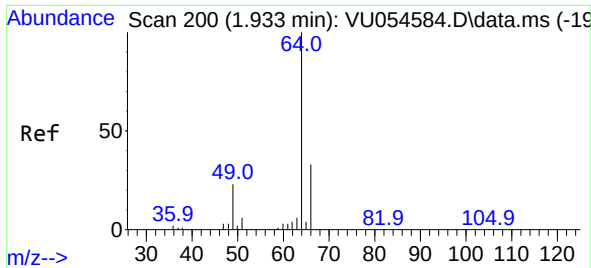
Tgt Ion: 94 Resp: 78108

Ion Ratio Lower Upper

94 100

96 89.9 63.6 118.2

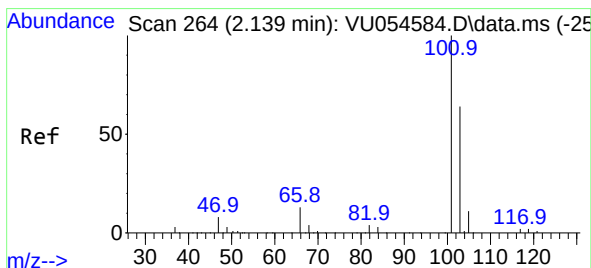
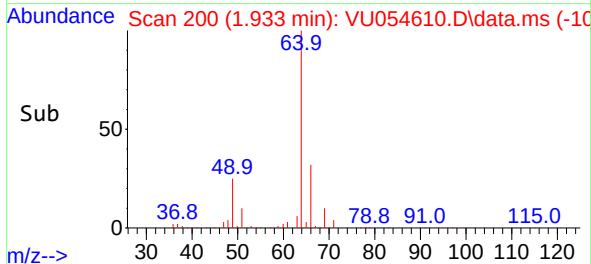
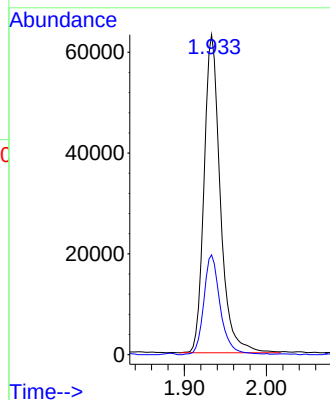
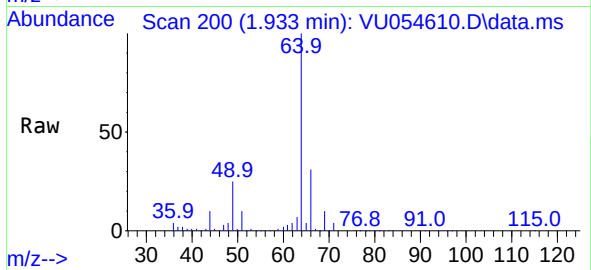




#8
Chloroethane
Concen: 5.301 ug/L
RT: 1.933 min Scan# 200
Delta R.T. -0.000 min
Lab File: VU054610.D
Acq: 19 Jun 2023 20:47

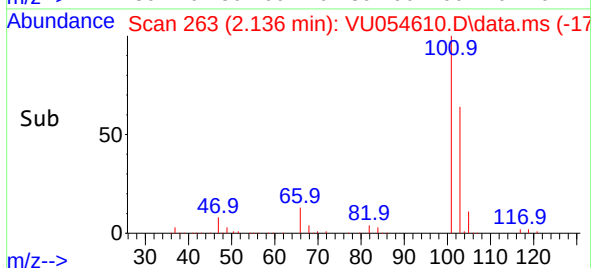
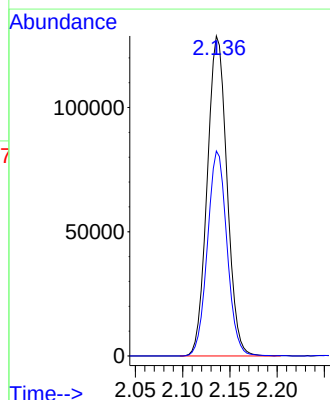
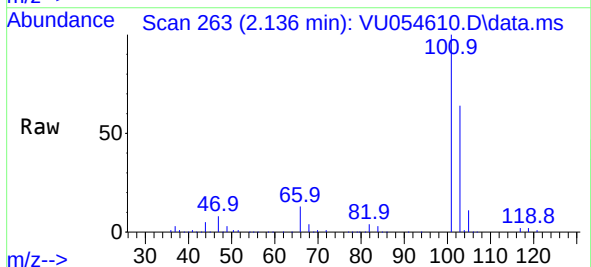
Instrument :
MSVOA_U
ClientSampleId :

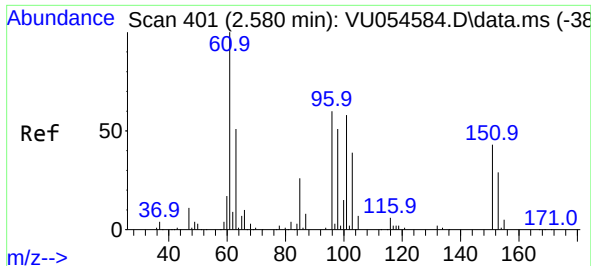
Tgt Ion: 64 Resp: 86812
Ion Ratio Lower Upper
64 100
66 31.2 22.9 42.5



#9
Trichlorofluoromethane
Concen: 5.581 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.003 min
Lab File: VU054610.D
Acq: 19 Jun 2023 20:47

Tgt Ion:101 Resp: 187451
Ion Ratio Lower Upper
101 100
103 63.3 50.6 75.8

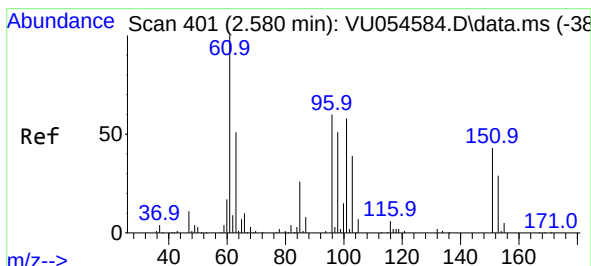
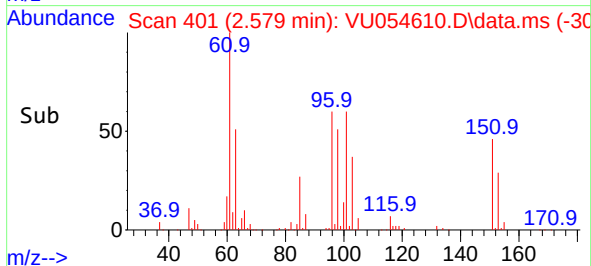
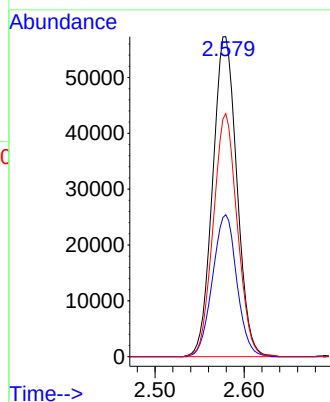
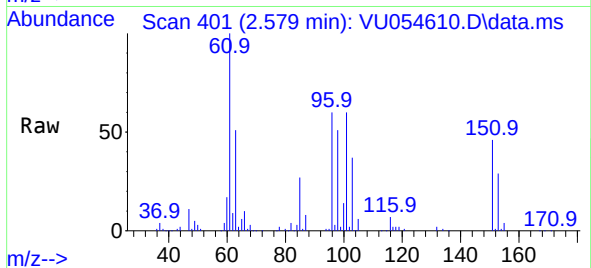




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.503 ug/L
RT: 2.579 min Scan# 401
Delta R.T. -0.000 min
Lab File: VU054610.D
Acq: 19 Jun 2023 20:47

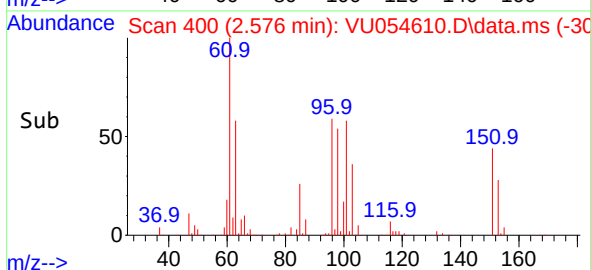
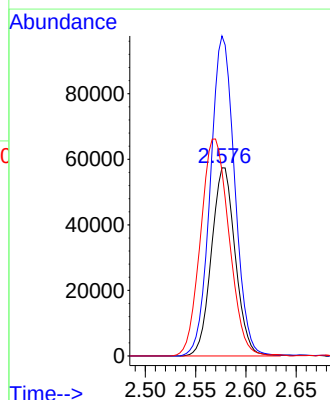
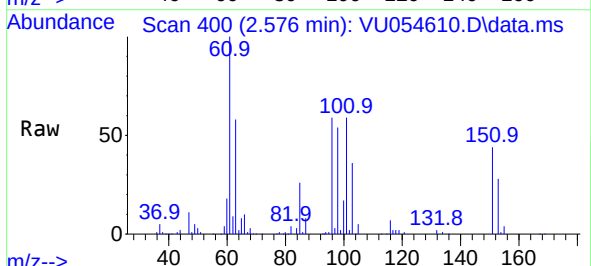
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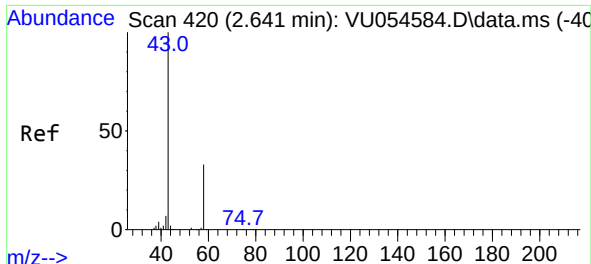
Tgt Ion:101 Resp: 108139
Ion Ratio Lower Upper
101 100
85 44.6 34.6 51.8
151 75.5 57.7 86.5



#12
1,1-Dichloroethene
Concen: 5.259 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.003 min
Lab File: VU054610.D
Acq: 19 Jun 2023 20:47

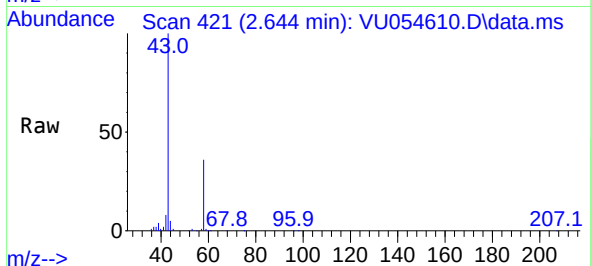
Tgt Ion: 96 Resp: 94588
Ion Ratio Lower Upper
96 100
61 170.1 119.9 222.7
63 98.3 64.3 119.3



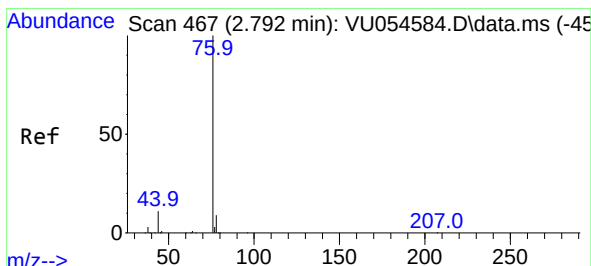
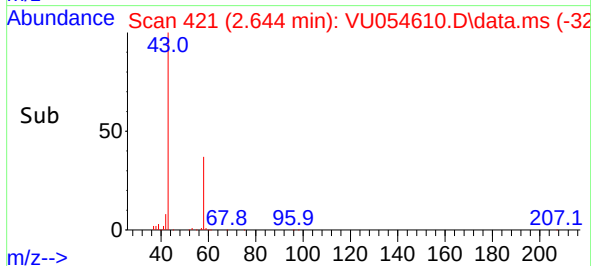
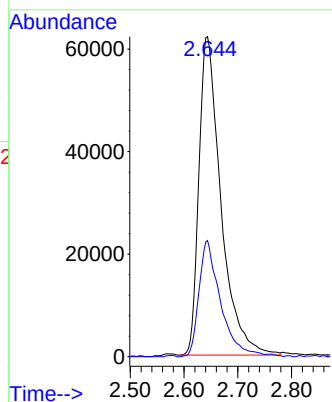


#13
Acetone
Concen: 42.276 ug/L
RT: 2.644 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU054610.D
Acq: 19 Jun 2023 20:47

Instrument :
MSVOA_U
ClientSampleId :

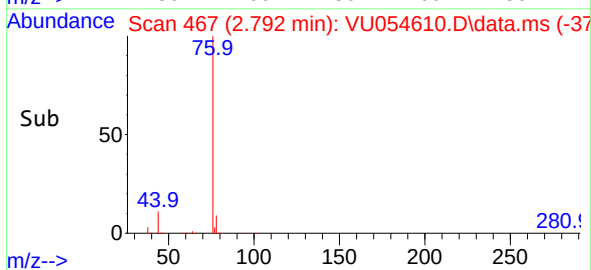
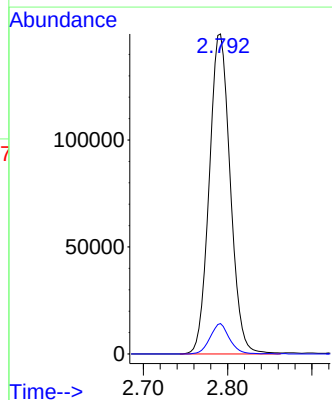
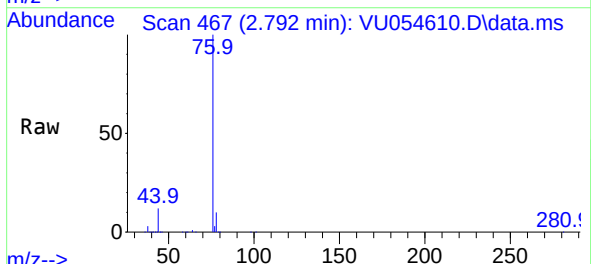


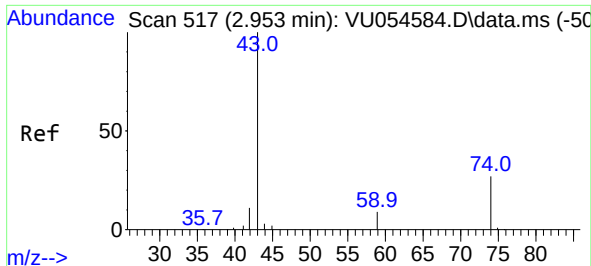
Tgt Ion: 43 Resp: 176873
Ion Ratio Lower Upper
43 100
58 35.5 0.0 67.2



#14
Carbon disulfide
Concen: 4.854 ug/L
RT: 2.792 min Scan# 467
Delta R.T. -0.000 min
Lab File: VU054610.D
Acq: 19 Jun 2023 20:47

Tgt Ion: 76 Resp: 258895
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

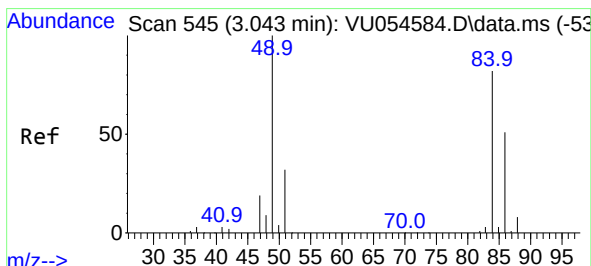
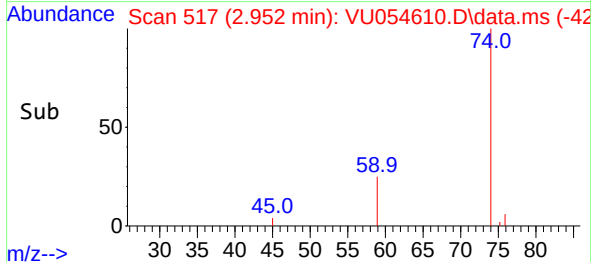
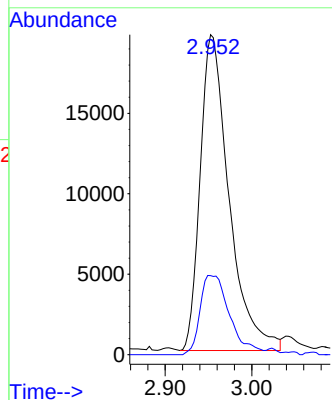
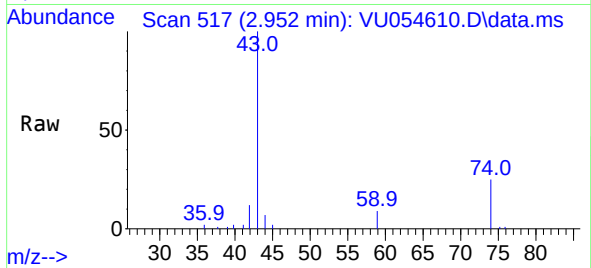




#15
Methyl Acetate
Concen: 5.862 ug/L
RT: 2.952 min Scan# 517
Delta R.T. -0.003 min
Lab File: VU054610.D
Acq: 19 Jun 2023 20:47

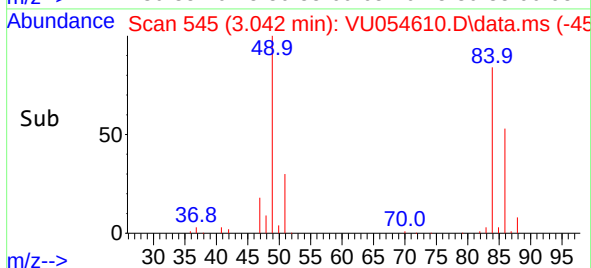
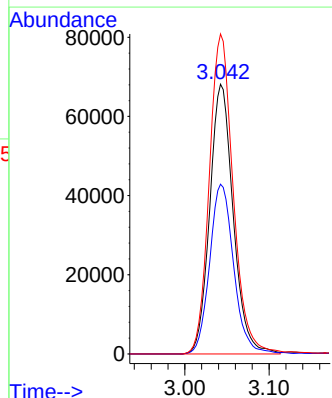
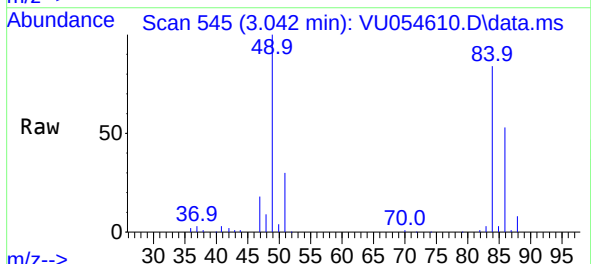
Instrument :
MSVOA_U
ClientSampleId :

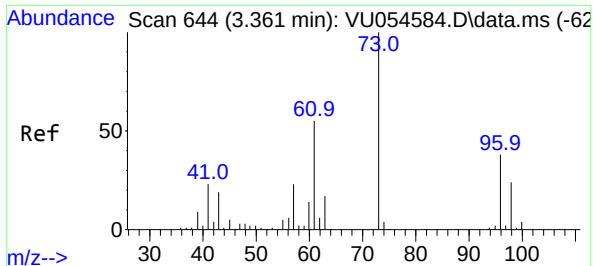
Tgt Ion: 43 Resp: 45448
Ion Ratio Lower Upper
43 100
74 25.6 19.0 28.6



#16
Methylene chloride
Concen: 5.219 ug/L
RT: 3.042 min Scan# 545
Delta R.T. -0.000 min
Lab File: VU054610.D
Acq: 19 Jun 2023 20:47

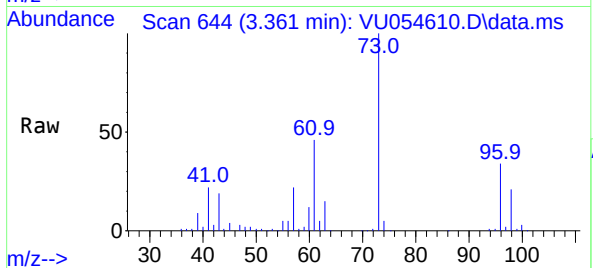
Tgt Ion: 84 Resp: 132003
Ion Ratio Lower Upper
84 100
86 62.9 43.9 81.5
49 118.6 86.1 159.9



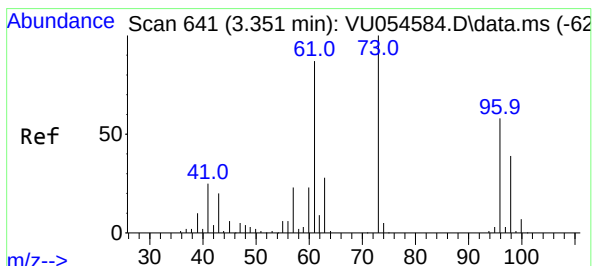
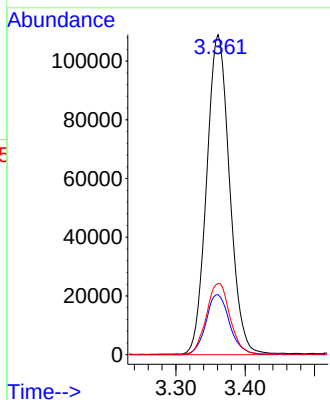
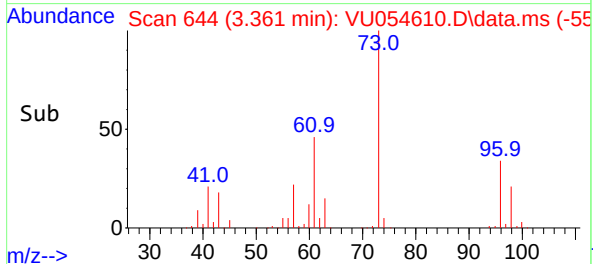


#17
Methyl tert-butyl Ether
Concen: 5.664 ug/L
RT: 3.361 min Scan# 644
Delta R.T. -0.000 min
Lab File: VU054610.D
Acq: 19 Jun 2023 20:47

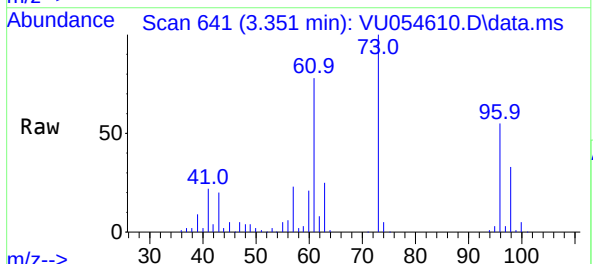
Instrument :
MSVOA_U
ClientSampleId :



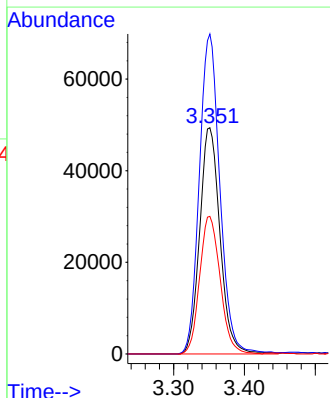
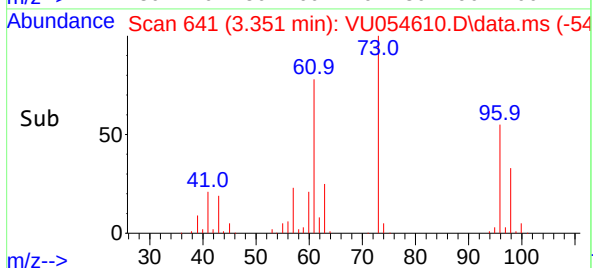
Tgt Ion: 73 Resp: 251481
Ion Ratio Lower Upper
73 100
43 18.9 15.7 23.5
57 23.0 18.6 28.0

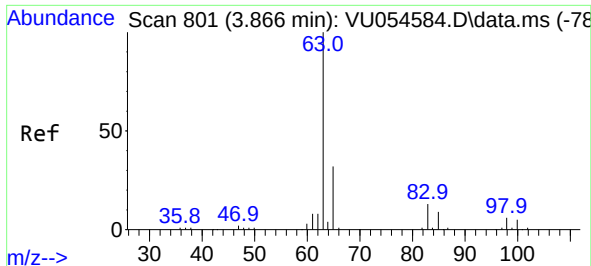


#18
trans-1,2-Dichloroethene
Concen: 5.302 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU054610.D
Acq: 19 Jun 2023 20:47



Tgt Ion: 96 Resp: 98467
Ion Ratio Lower Upper
96 100
61 141.4 104.6 194.2
98 60.8 45.4 84.4





#19

1,1-Dichloroethane

Concen: 5.397 ug/L

RT: 3.862 min Scan# 801

Delta R.T. -0.003 min

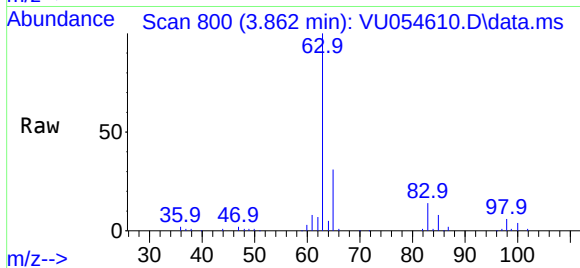
Lab File: VU054610.D

Acq: 19 Jun 2023 20:47

Instrument :

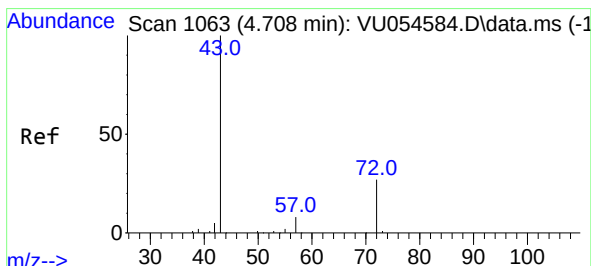
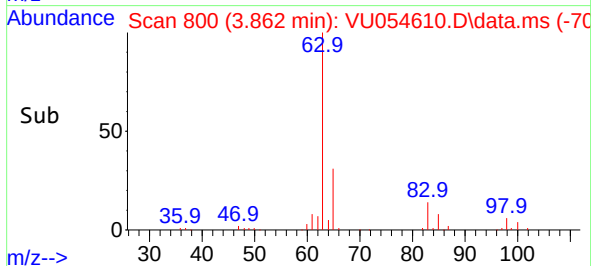
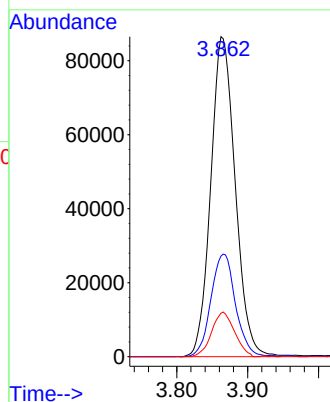
MSVOA_U

ClientSampleId :



Tgt Ion: 63 Resp: 207420

Ion	Ratio	Lower	Upper
63	100		
65	31.4	22.2	41.2
83	13.6	9.0	16.6



#21

2-Butanone

Concen: 54.893 ug/L

RT: 4.708 min Scan# 1063

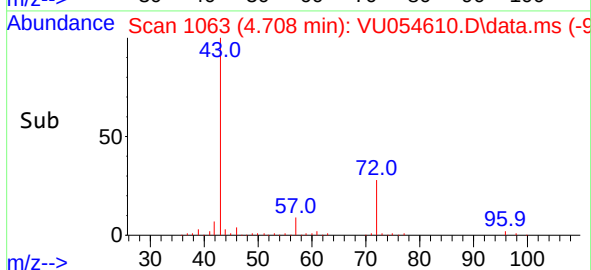
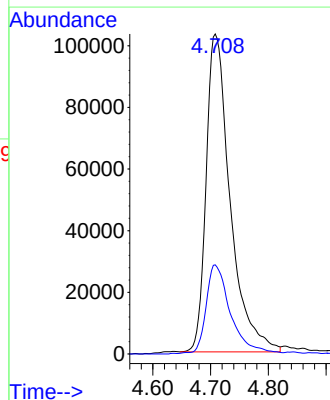
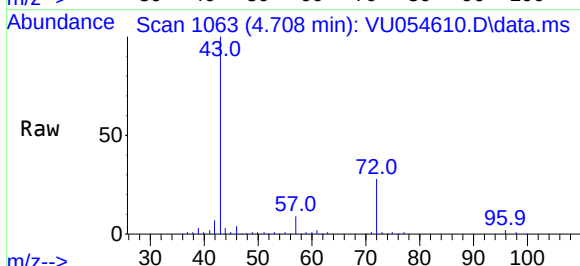
Delta R.T. -0.000 min

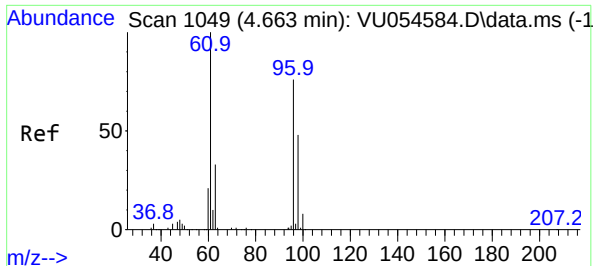
Lab File: VU054610.D

Acq: 19 Jun 2023 20:47

Tgt Ion: 43 Resp: 298057

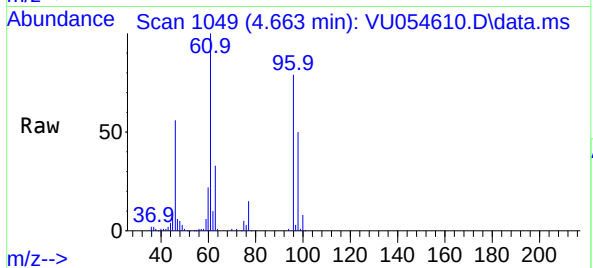
Ion	Ratio	Lower	Upper
43	100		
72	28.7	13.4	40.1





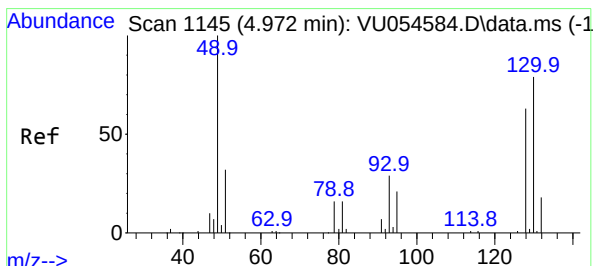
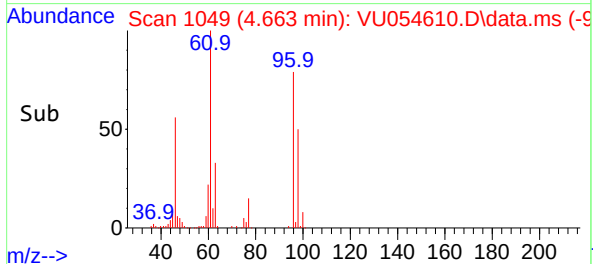
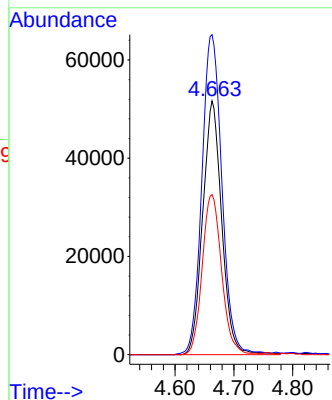
#22
 cis-1,2-Dichloroethene
 Concen: 5.503 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.000 min
 Lab File: VU054610.D
 Acq: 19 Jun 2023 20:47

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 116376

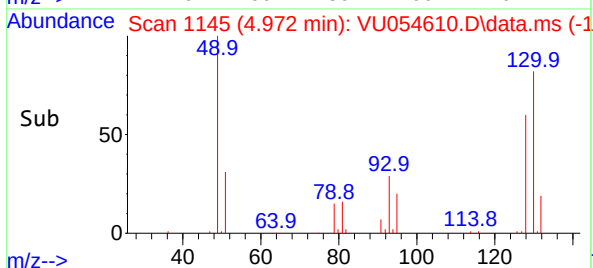
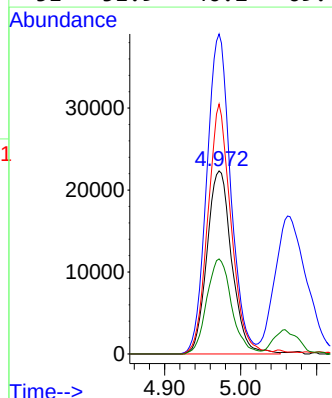
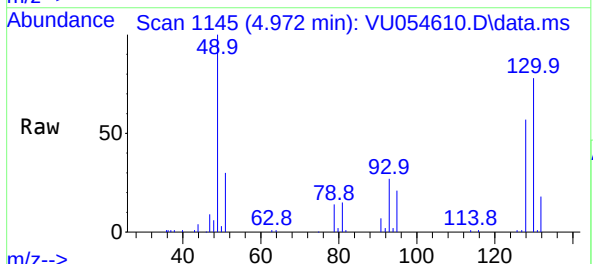
Ion	Ratio	Lower	Upper
96	100		
61	126.1	96.5	179.1
98	63.1	44.9	83.3

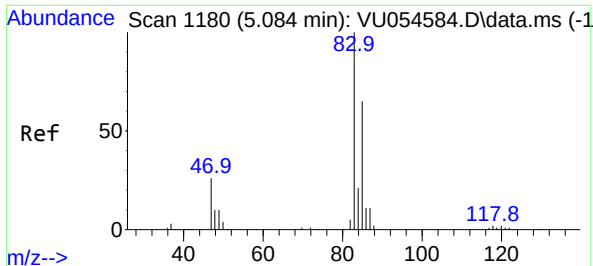


#23
 Bromochloromethane
 Concen: 5.740 ug/L
 RT: 4.972 min Scan# 1145
 Delta R.T. -0.000 min
 Lab File: VU054610.D
 Acq: 19 Jun 2023 20:47

Tgt Ion: 128 Resp: 50510

Ion	Ratio	Lower	Upper
128	100		
49	174.9	132.1	245.3
130	136.5	91.5	169.9
51	51.9	46.2	69.4





#25

Chloroform

Concen: 5.578 ug/L

RT: 5.084 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU054610.D

Acq: 19 Jun 2023 20:47

Instrument :

MSVOA_U

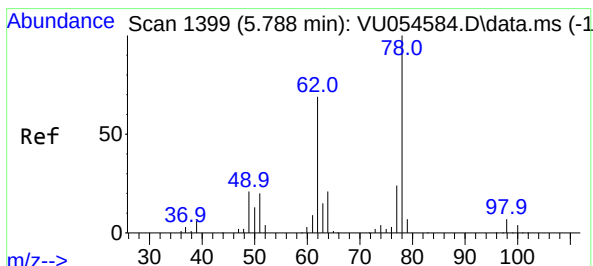
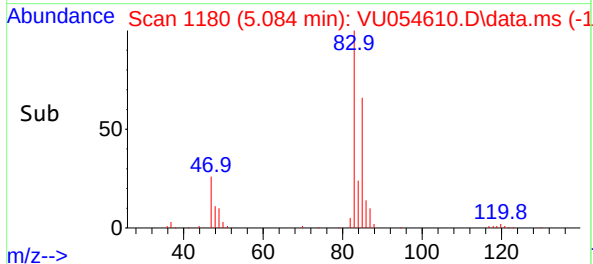
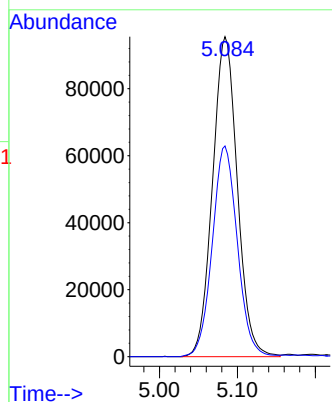
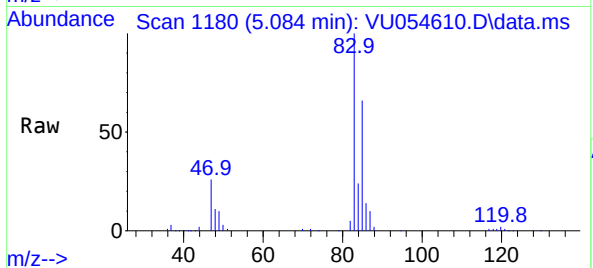
ClientSampleId :

Tgt Ion: 83 Resp: 211359

Ion Ratio Lower Upper

83 100

85 65.8 44.7 82.9



#27

1,2-Dichloroethane

Concen: 5.524 ug/L

RT: 5.791 min Scan# 1400

Delta R.T. -0.000 min

Lab File: VU054610.D

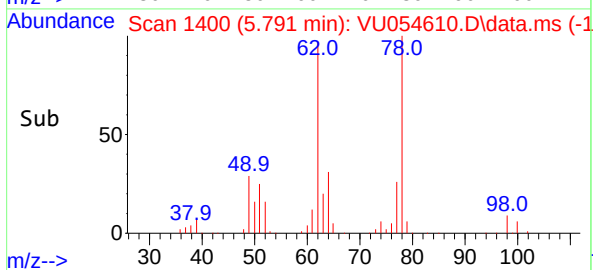
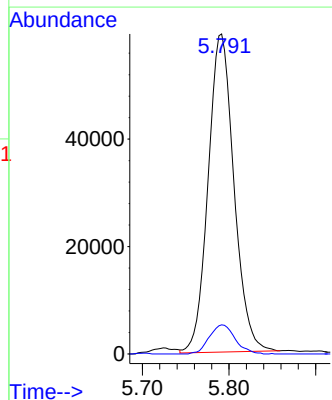
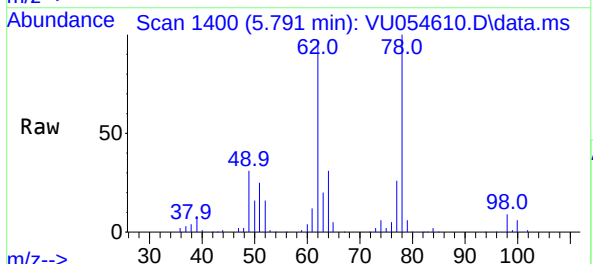
Acq: 19 Jun 2023 20:47

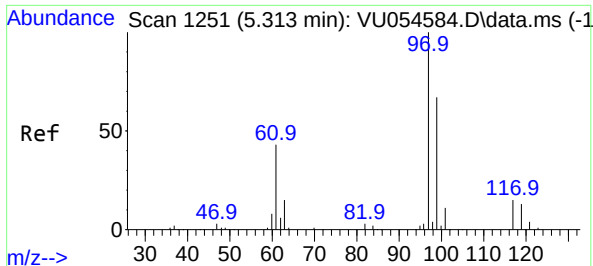
Tgt Ion: 62 Resp: 122690

Ion Ratio Lower Upper

62 100

98 9.1 7.8 11.6

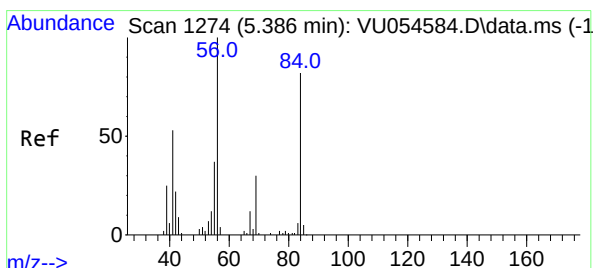
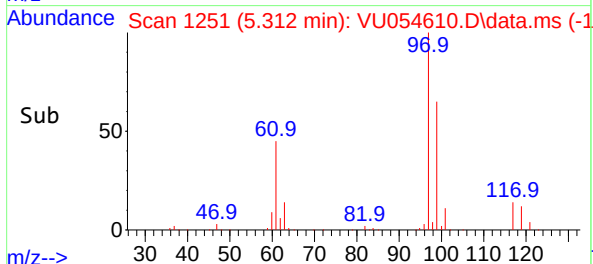
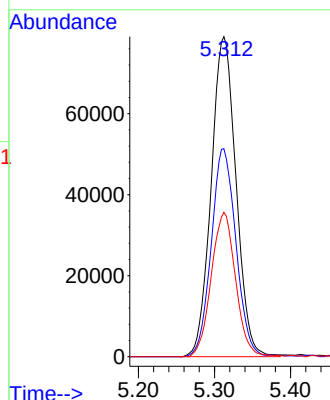
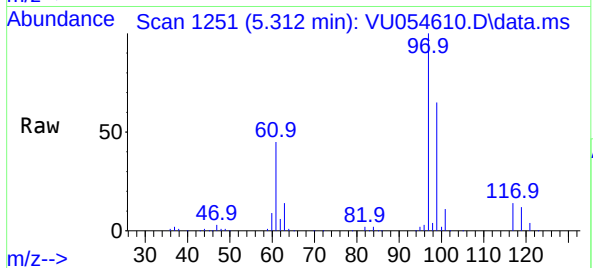




#29
1,1,1-Trichloroethane
Concen: 5.526 ug/L
RT: 5.312 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU054610.D
Acq: 19 Jun 2023 20:47

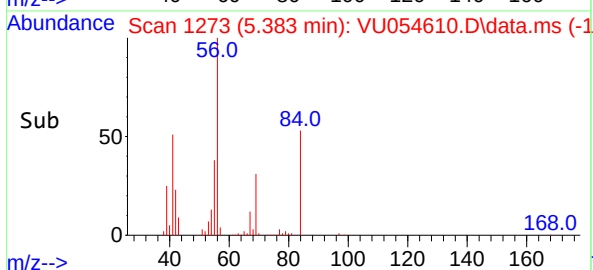
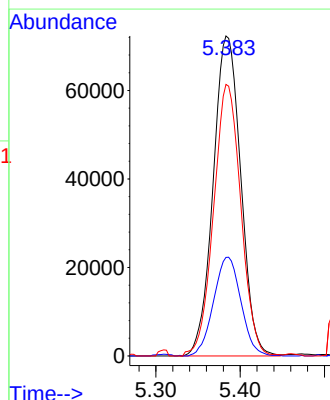
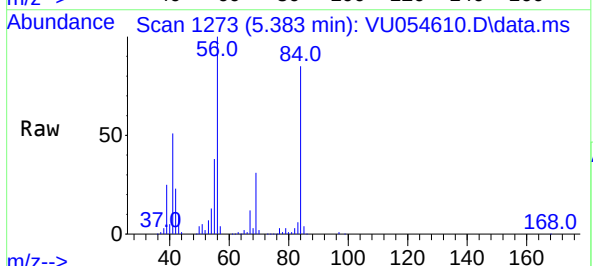
Instrument :
MSVOA_U
ClientSampleId :

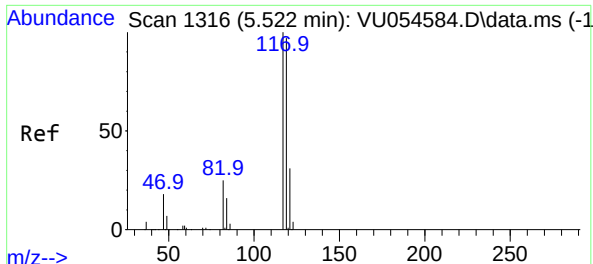
Tgt Ion: 97 Resp: 179360
Ion Ratio Lower Upper
97 100
99 64.3 50.8 76.2
61 44.2 36.1 54.1



#30
Cyclohexane
Concen: 4.647 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VU054610.D
Acq: 19 Jun 2023 20:47

Tgt Ion: 56 Resp: 164282
Ion Ratio Lower Upper
56 100
69 30.7 23.9 35.9
84 83.8 63.0 94.6

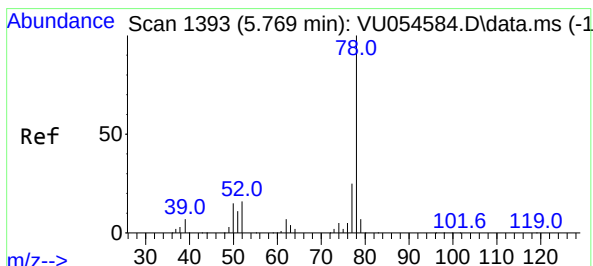
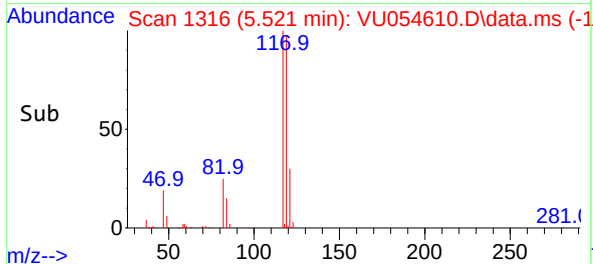
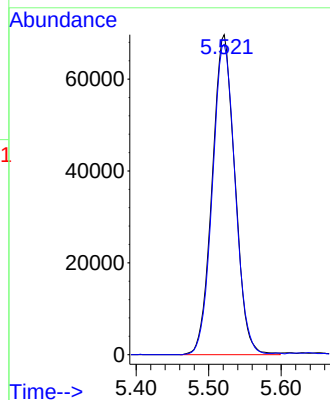
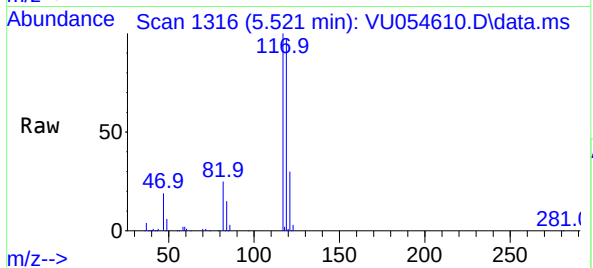




#31
Carbon tetrachloride
Concen: 5.424 ug/L
RT: 5.521 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VU054610.D
Acq: 19 Jun 2023 20:47

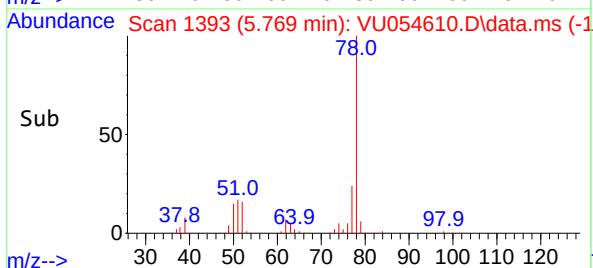
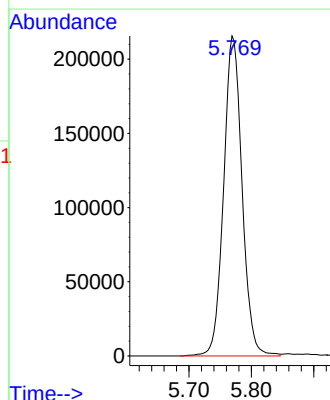
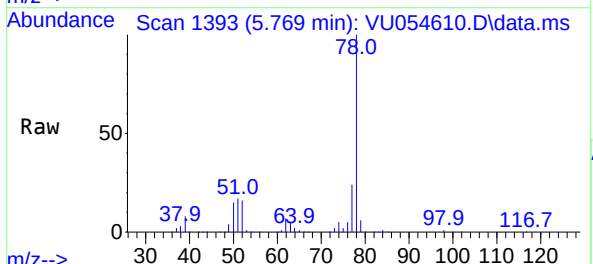
Instrument : MSVOA_U
ClientSampleId :

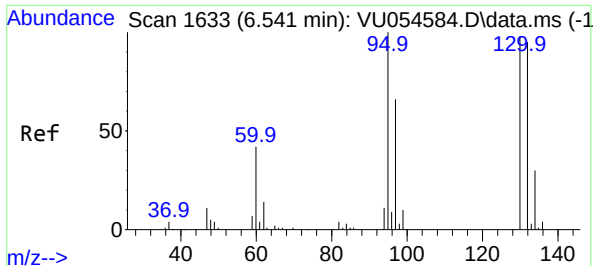
Tgt Ion:117 Resp: 151699
Ion Ratio Lower Upper
117 100
119 97.2 76.8 115.2



#33
Benzene
Concen: 5.144 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.003 min
Lab File: VU054610.D
Acq: 19 Jun 2023 20:47

Tgt Ion: 78 Resp: 442509





#34

Trichloroethene

Concen: 5.132 ug/L

RT: 6.537 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU054610.D

Acq: 19 Jun 2023 20:47

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 116738

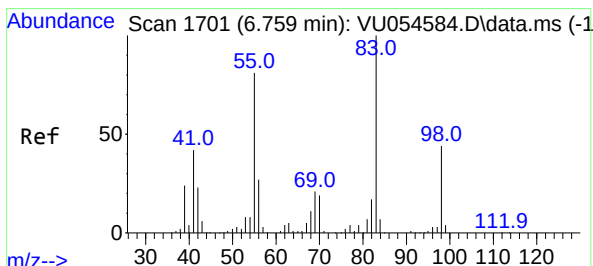
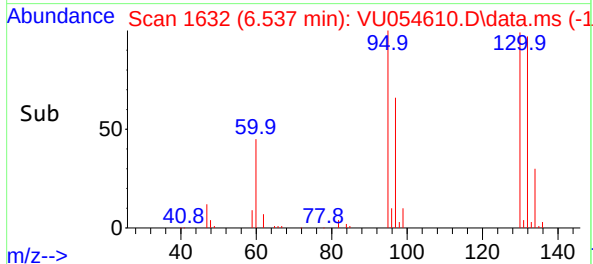
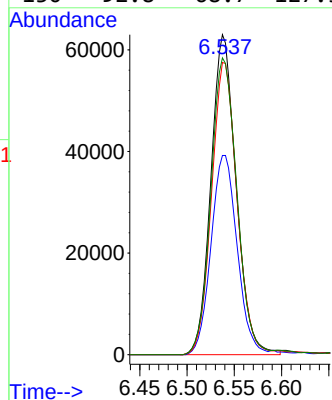
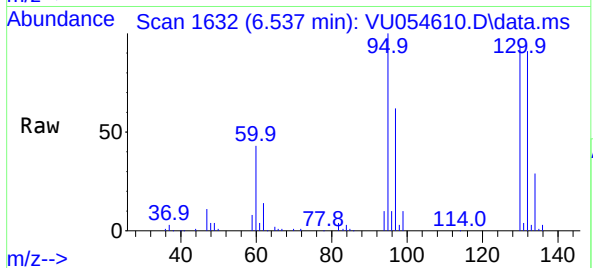
Ion Ratio Lower Upper

95 100

97 62.3 46.8 87.0

132 91.3 68.4 127.0

130 92.8 68.7 127.5



#35

Methylcyclohexane

Concen: 4.727 ug/L

RT: 6.759 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VU054610.D

Acq: 19 Jun 2023 20:47

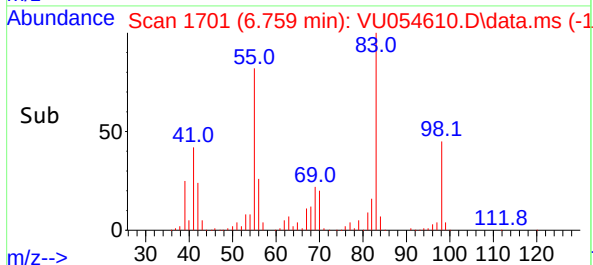
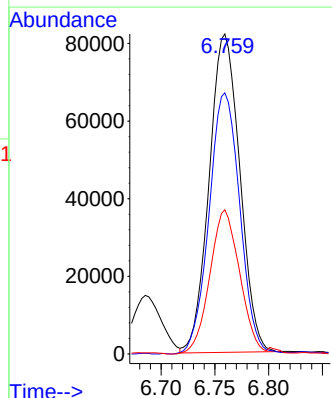
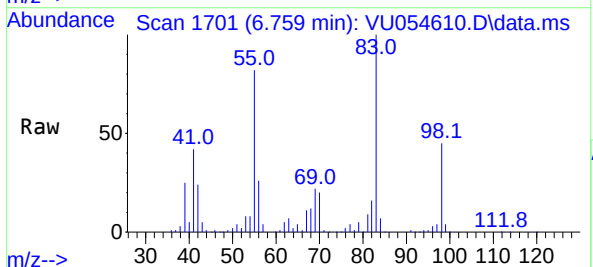
Tgt Ion: 83 Resp: 162530

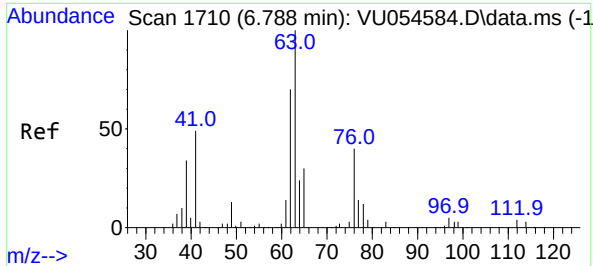
Ion Ratio Lower Upper

83 100

55 82.6 67.1 100.7

98 44.2 35.1 52.7

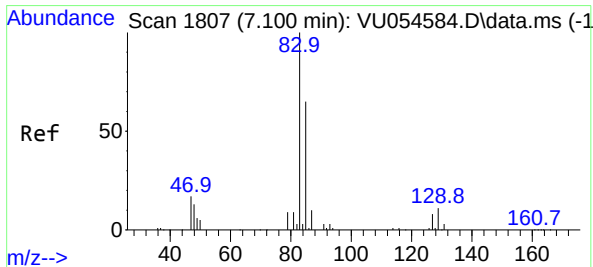
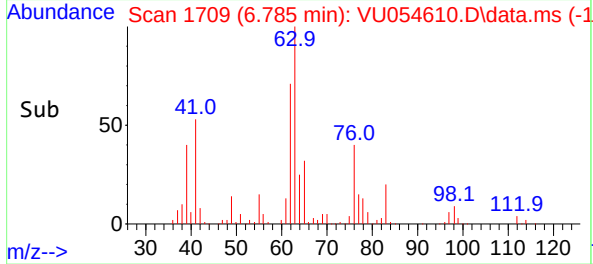
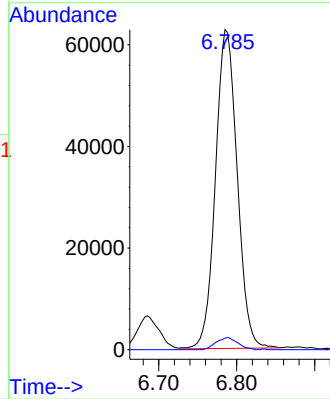
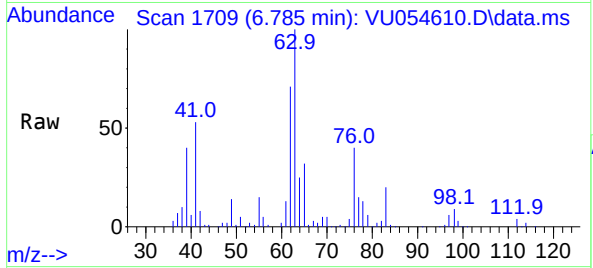




#37
1,2-Dichloropropane
Concen: 5.231 ug/L
RT: 6.785 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU054610.D
Acq: 19 Jun 2023 20:47

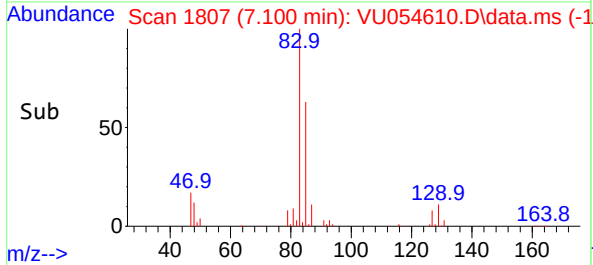
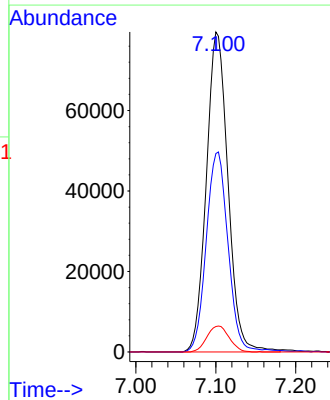
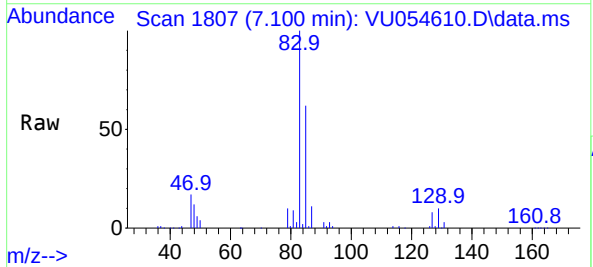
Instrument :
MSVOA_U
ClientSampleId :

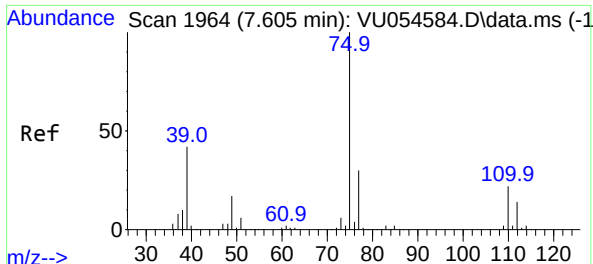
Tgt Ion: 63 Resp: 121664
Ion Ratio Lower Upper
63 100
112 3.8 3.0 4.6



#38
Bromodichloromethane
Concen: 5.685 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.003 min
Lab File: VU054610.D
Acq: 19 Jun 2023 20:47

Tgt Ion: 83 Resp: 149679
Ion Ratio Lower Upper
83 100
85 62.0 44.1 81.9
127 7.9 6.6 10.0

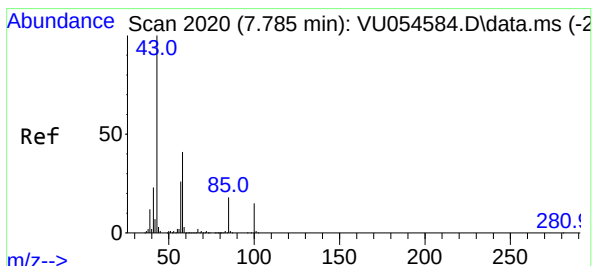
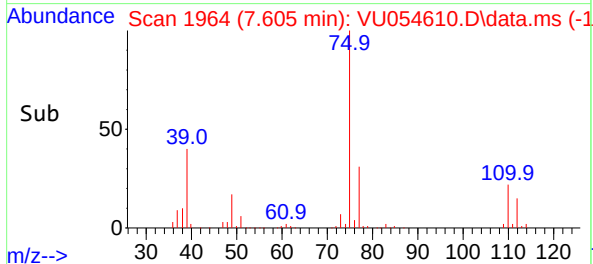
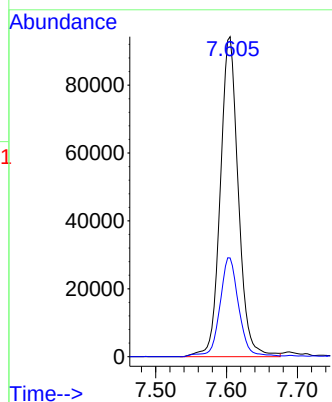
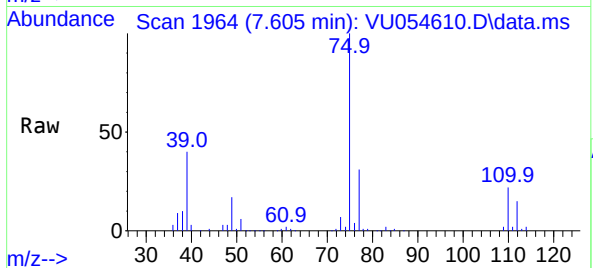




#39
 cis-1,3-Dichloropropene
 Concen: 5.248 ug/L
 RT: 7.605 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VU054610.D
 Acq: 19 Jun 2023 20:47

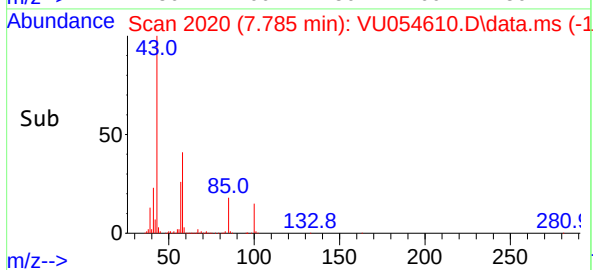
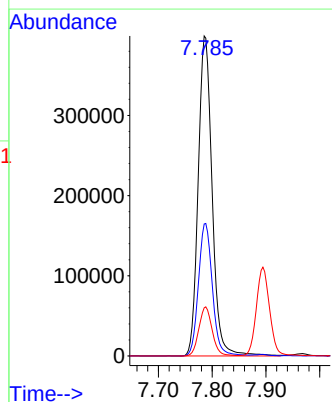
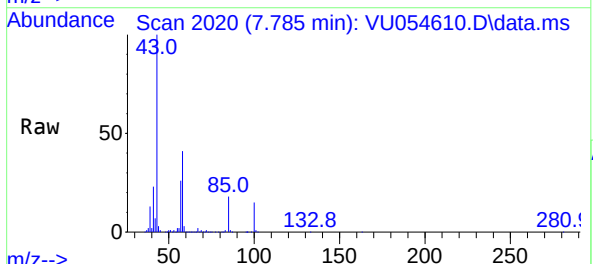
Instrument :
 MSVOA_U
 ClientSampleId :

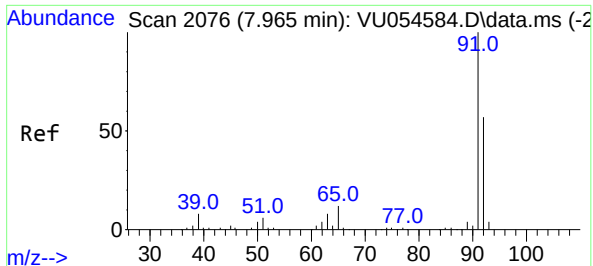
Tgt Ion: 75 Resp: 166629
 Ion Ratio Lower Upper
 75 100
 77 30.9 22.3 41.5



#40
 4-Methyl-2-pentanone
 Concen: 58.006 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. -0.000 min
 Lab File: VU054610.D
 Acq: 19 Jun 2023 20:47

Tgt Ion: 43 Resp: 719944
 Ion Ratio Lower Upper
 43 100
 58 41.3 32.4 48.6
 100 14.7 11.4 17.2





#42

Toluene

Concen: 5.422 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU054610.D

Acq: 19 Jun 2023 20:47

Instrument :

MSVOA_U

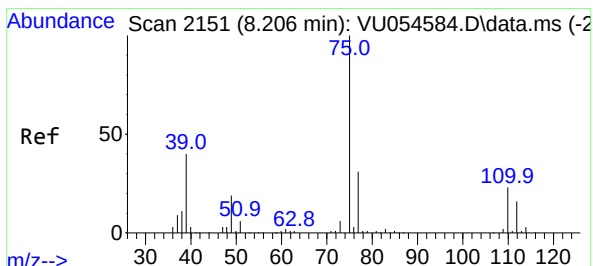
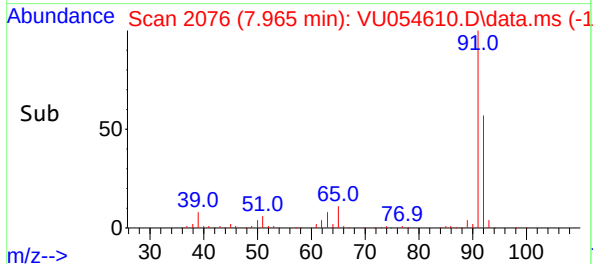
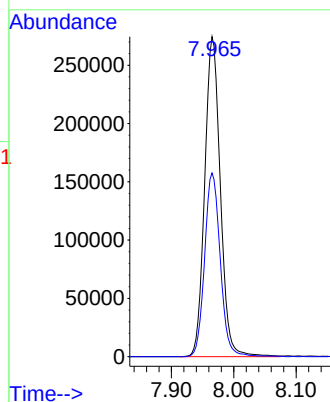
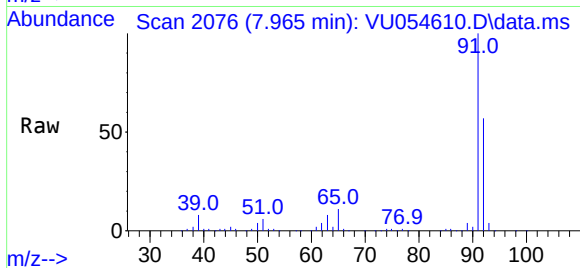
ClientSampleId :

Tgt Ion: 91 Resp: 480335

Ion Ratio Lower Upper

91 100

92 57.4 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 5.516 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU054610.D

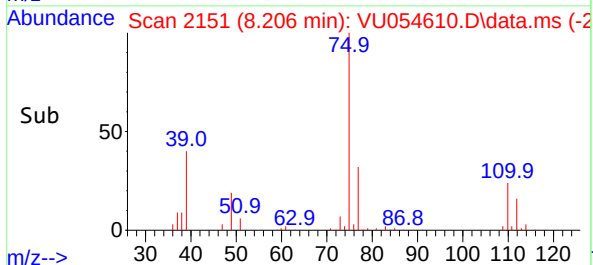
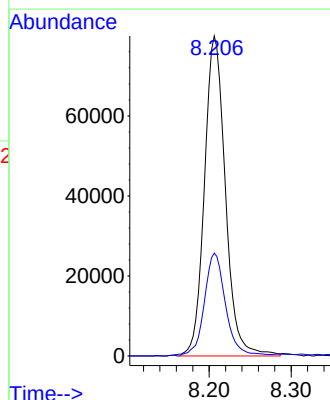
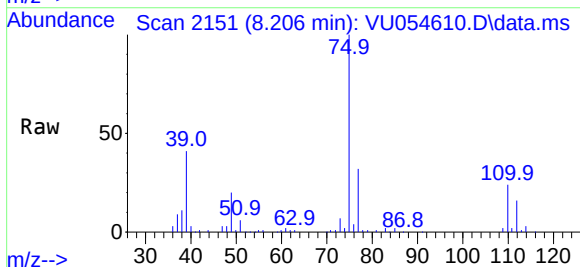
Acq: 19 Jun 2023 20:47

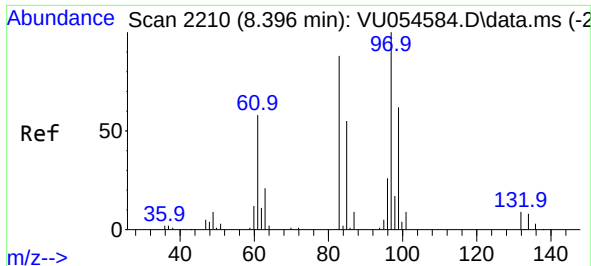
Tgt Ion: 75 Resp: 142139

Ion Ratio Lower Upper

75 100

77 32.2 21.3 39.6

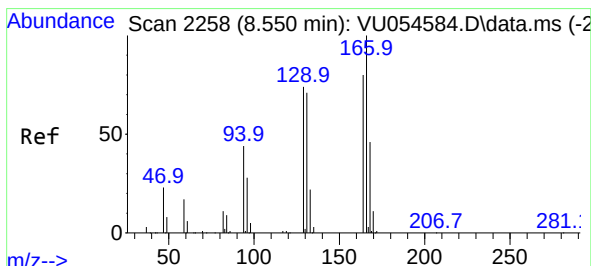
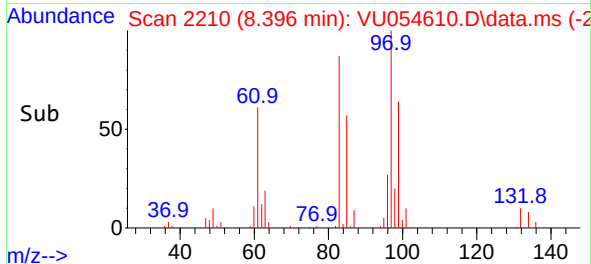
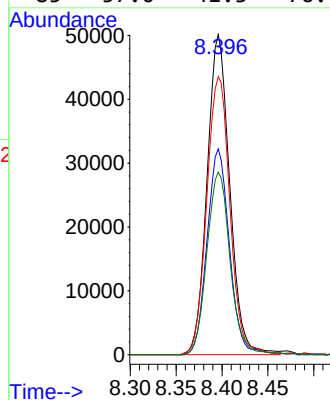
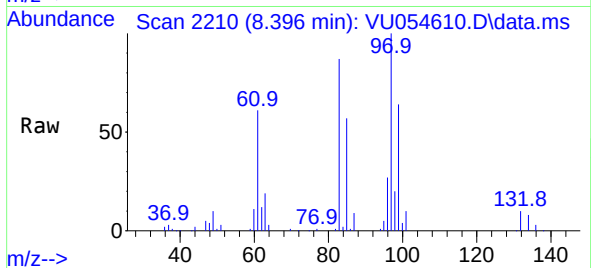




#45
1,1,2-Trichloroethane
Concen: 5.814 ug/L
RT: 8.396 min Scan# 2110
Delta R.T. -0.000 min
Lab File: VU054610.D
Acq: 19 Jun 2023 20:47

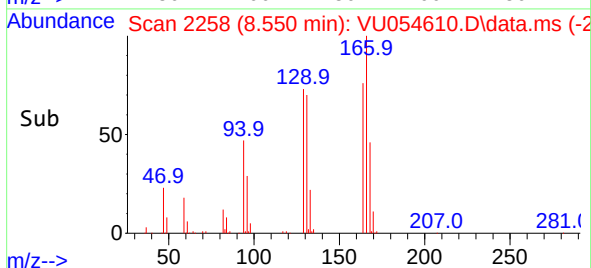
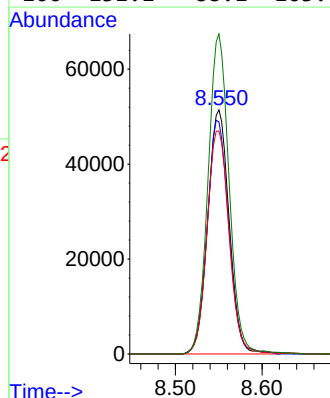
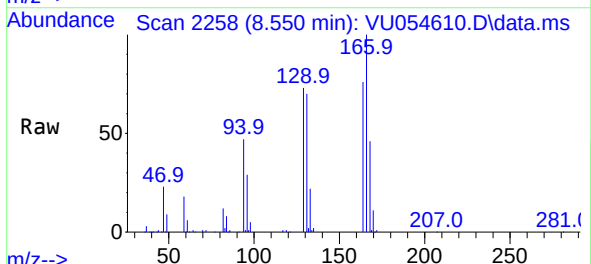
Instrument :
MSVOA_U
ClientSampleId :

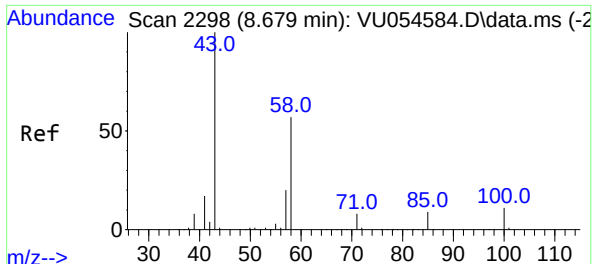
Tgt Ion:	97	Resp:	86027
Ion	Ratio	Lower	Upper
97	100		
99	64.3	43.0	80.0
83	86.9	63.8	118.6
85	57.0	41.3	76.7



#47
Tetrachloroethene
Concen: 5.094 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU054610.D
Acq: 19 Jun 2023 20:47

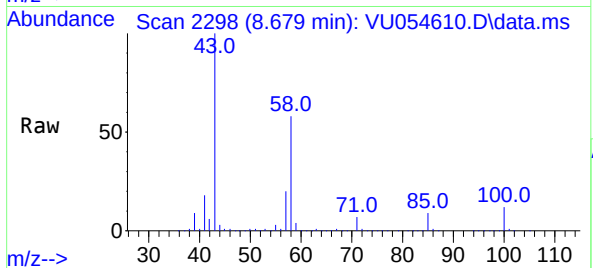
Tgt Ion:	164	Resp:	88693
Ion	Ratio	Lower	Upper
164	100		
129	95.1	67.7	125.7
131	91.3	64.6	120.0
166	131.1	88.1	163.7



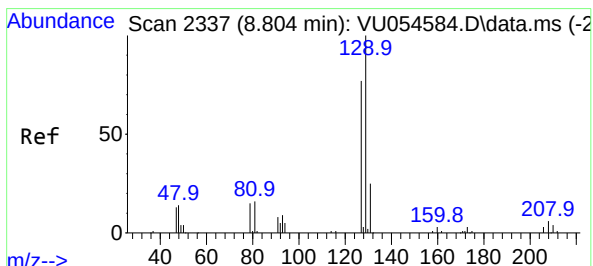
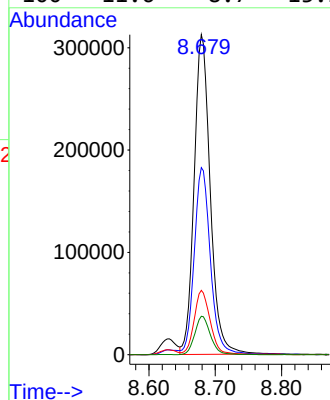
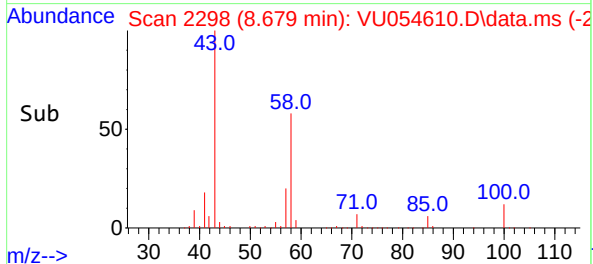


#48
2-Hexanone
Concen: 57.209 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054610.D
Acq: 19 Jun 2023 20:47

Instrument :
MSVOA_U
ClientSampleId :

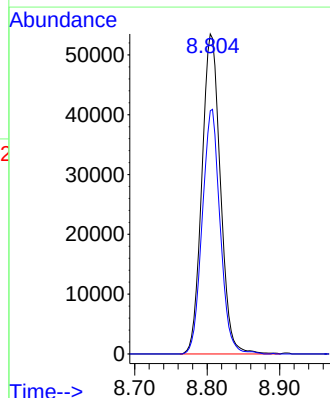
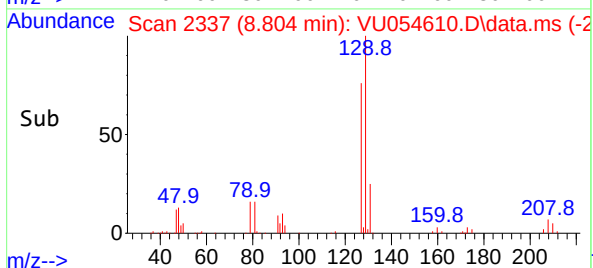
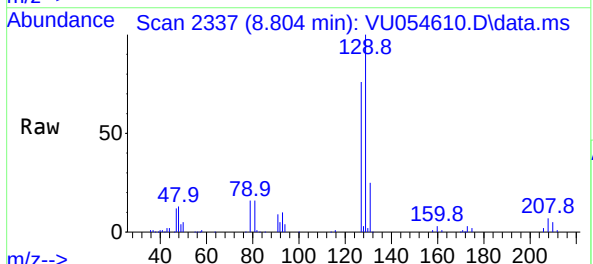


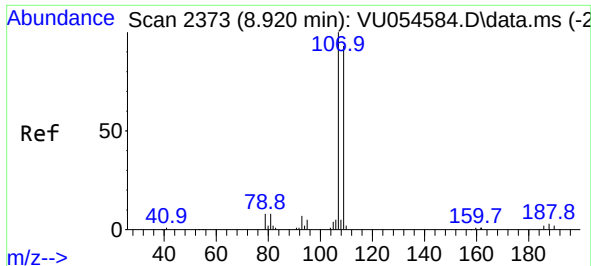
Tgt Ion: 43 Resp: 529072
Ion Ratio Lower Upper
43 100
58 58.3 45.2 67.8
57 19.9 15.8 23.6
100 11.6 8.7 13.1



#49
Dibromochloromethane
Concen: 6.108 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU054610.D
Acq: 19 Jun 2023 20:47

Tgt Ion: 129 Resp: 94900
Ion Ratio Lower Upper
129 100
127 76.0 53.2 98.8

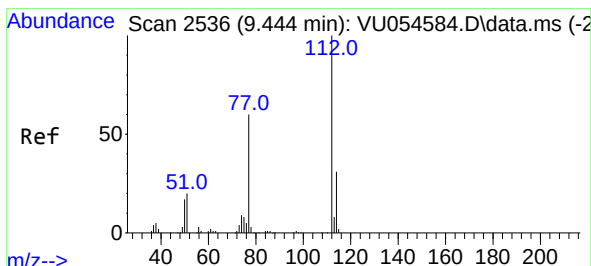
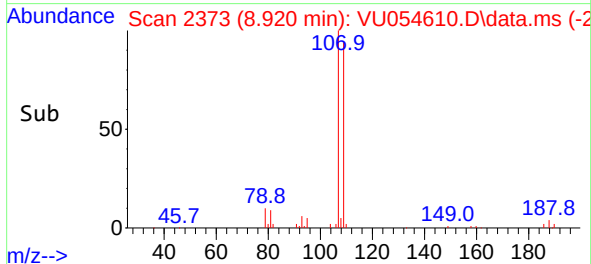
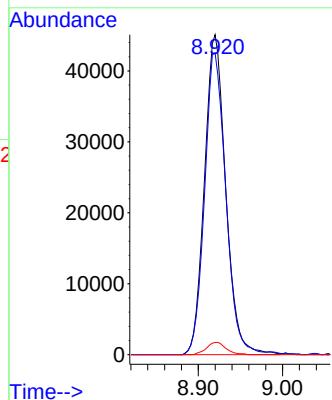
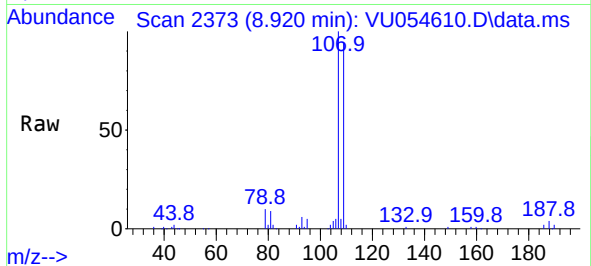




#50
1,2-Dibromoethane
Concen: 5.839 ug/L
RT: 8.920 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054610.D
Acq: 19 Jun 2023 20:47

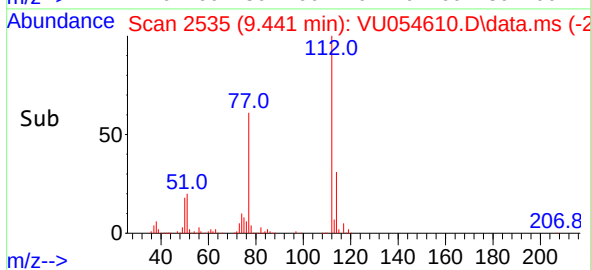
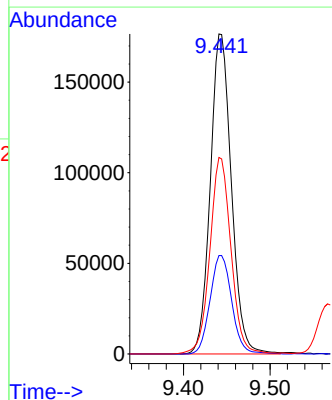
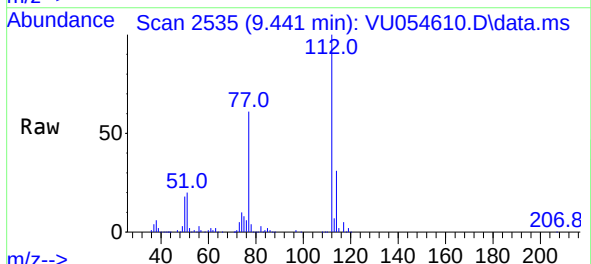
Instrument :
MSVOA_U
ClientSampleId :

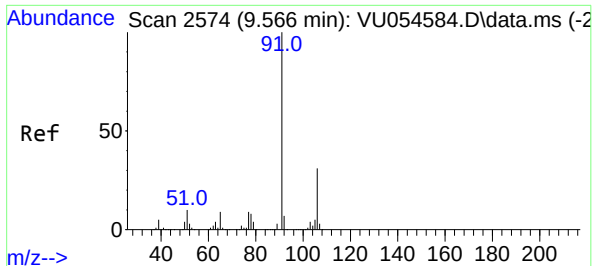
Tgt Ion:107 Resp: 79316
Ion Ratio Lower Upper
107 100
109 94.3 66.6 123.6
188 3.8 3.1 4.7



#51
Chlorobenzene
Concen: 5.394 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.003 min
Lab File: VU054610.D
Acq: 19 Jun 2023 20:47

Tgt Ion:112 Resp: 297846
Ion Ratio Lower Upper
112 100
114 30.7 22.7 42.1
77 61.4 49.8 74.8

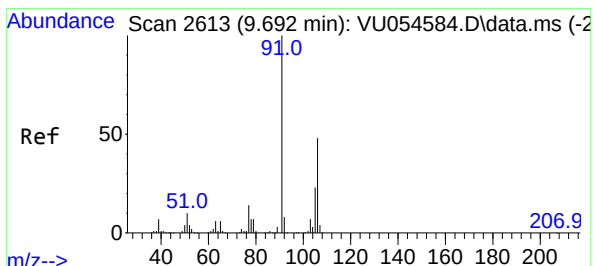
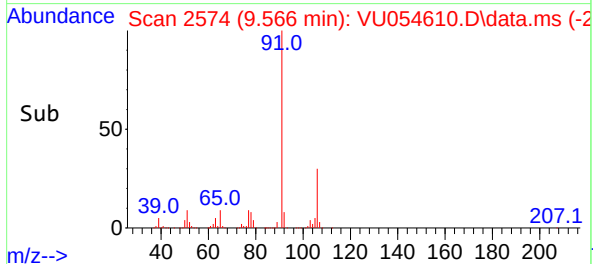
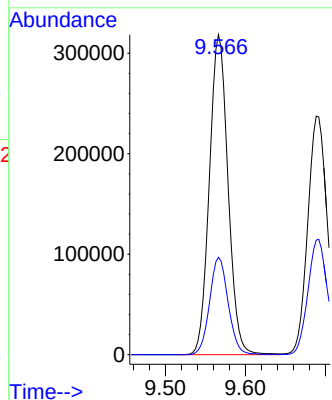
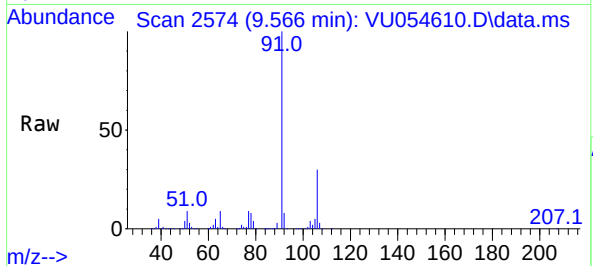




#52
Ethylbenzene
Concen: 5.338 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054610.D
Acq: 19 Jun 2023 20:47

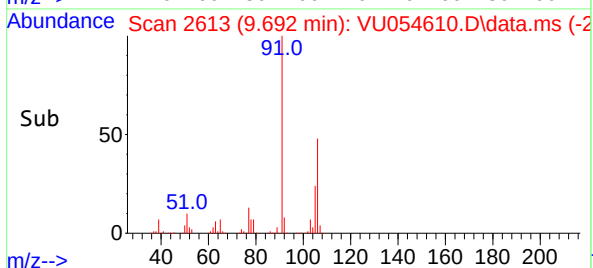
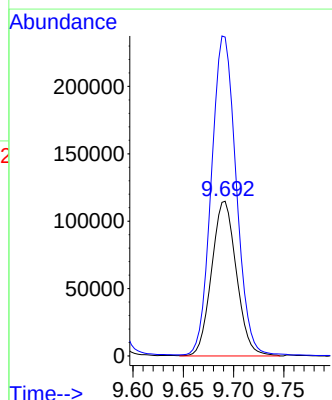
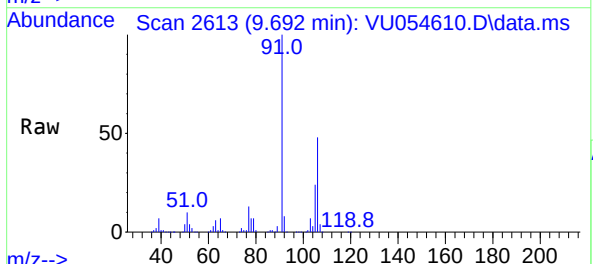
Instrument :
MSVOA_U
ClientSampleId :

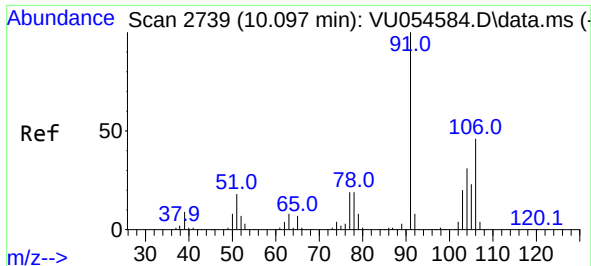
Tgt Ion: 91 Resp: 516453
Ion Ratio Lower Upper
91 100
106 30.4 21.1 39.3



#53
m,p-Xylene
Concen: 5.547 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU054610.D
Acq: 19 Jun 2023 20:47

Tgt Ion: 106 Resp: 197124
Ion Ratio Lower Upper
106 100
91 206.2 147.0 273.0

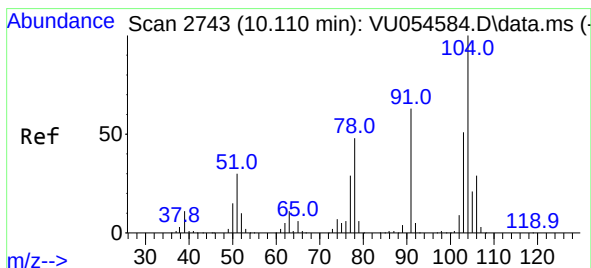
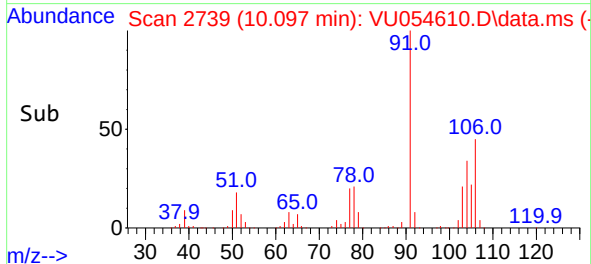
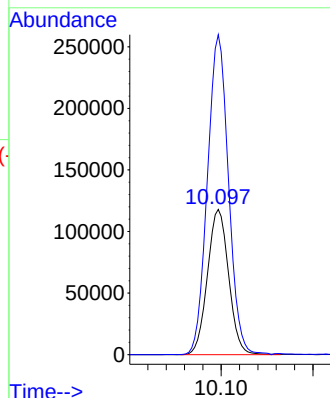
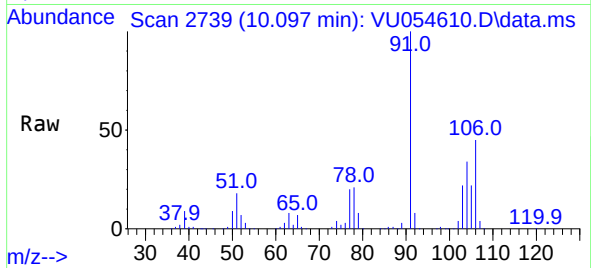




#54
o-Xylene
Concen: 5.510 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. -0.000 min
Lab File: VU054610.D
Acq: 19 Jun 2023 20:47

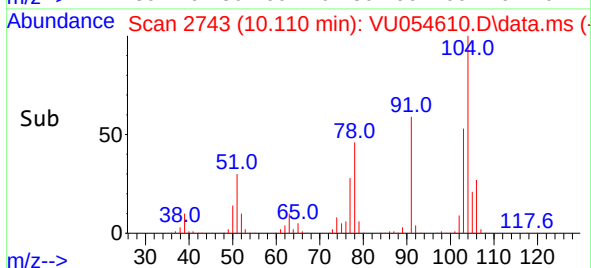
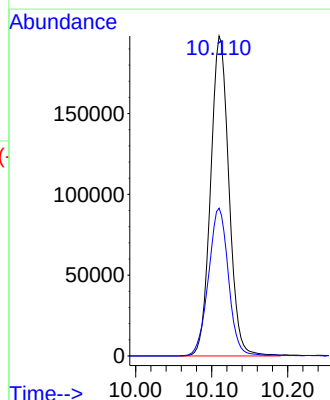
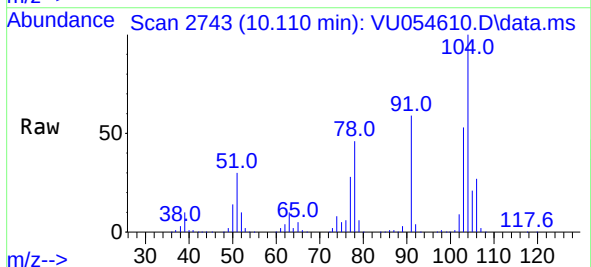
Instrument :
MSVOA_U
ClientSampleId :

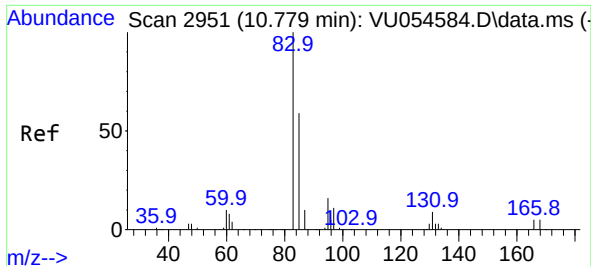
Tgt Ion:106 Resp: 189369
Ion Ratio Lower Upper
106 100
91 220.2 154.5 286.9



#55
Styrene
Concen: 5.744 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU054610.D
Acq: 19 Jun 2023 20:47

Tgt Ion:104 Resp: 331357
Ion Ratio Lower Upper
104 100
78 46.2 33.0 61.4

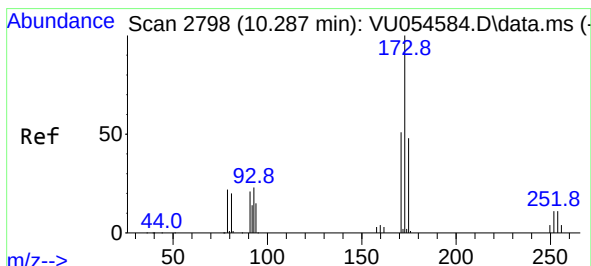
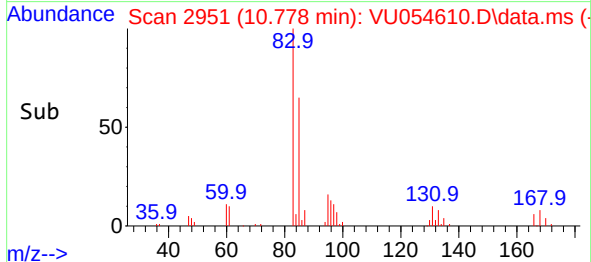
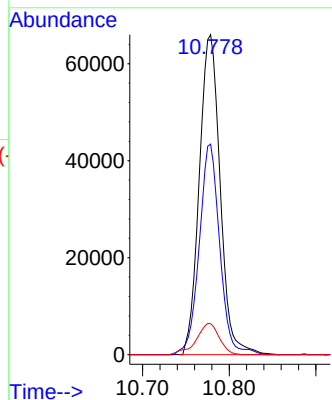
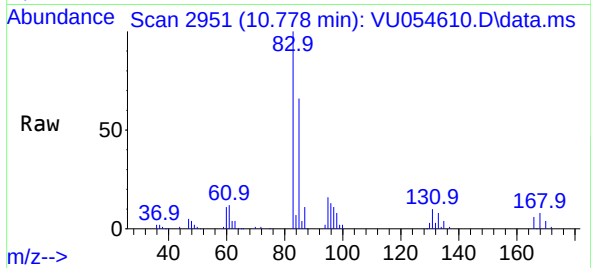




#57
1,1,2,2-Tetrachloroethane
Concen: 5.890 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU054610.D
Acq: 19 Jun 2023 20:47

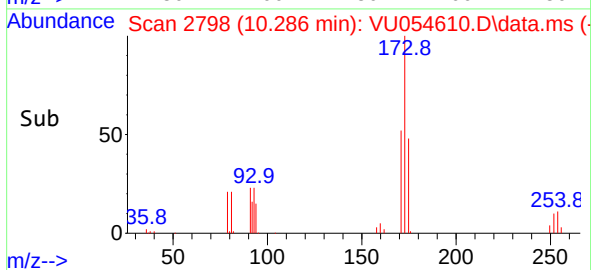
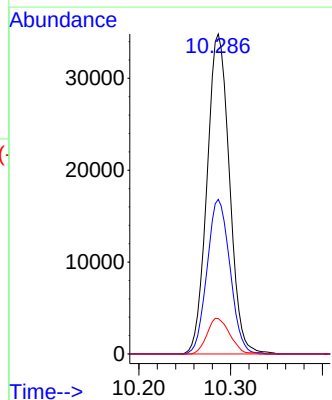
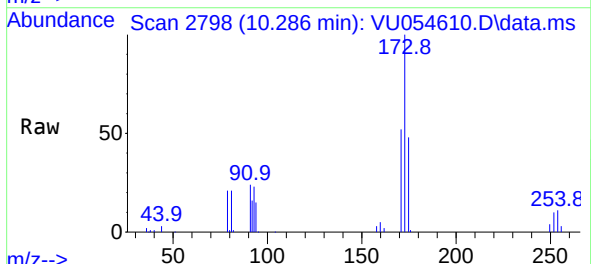
Instrument :
MSVOA_U
ClientSampleId :

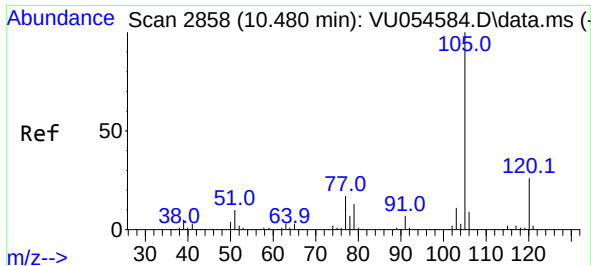
Tgt Ion: 83 Resp: 110698
Ion Ratio Lower Upper
83 100
85 65.8 44.2 82.2
131 9.7 7.0 10.6



#59
Bromoform
Concen: 6.212 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. -0.000 min
Lab File: VU054610.D
Acq: 19 Jun 2023 20:47

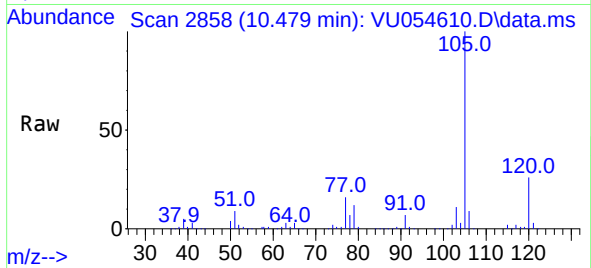
Tgt Ion:173 Resp: 59236
Ion Ratio Lower Upper
173 100
175 49.3 39.4 59.0
254 11.3 8.6 12.8



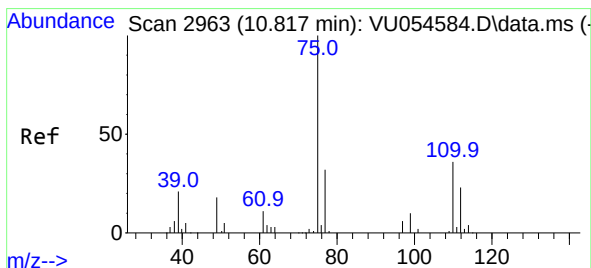
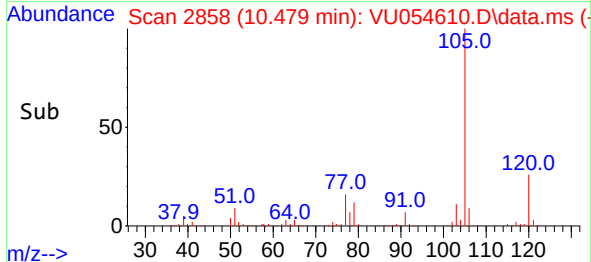
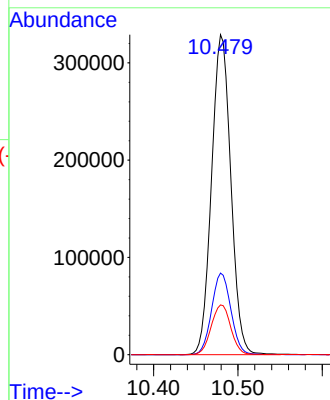


#60
Isopropylbenzene
Concen: 5.379 ug/L
RT: 10.479 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054610.D
Acq: 19 Jun 2023 20:47

Instrument :
MSVOA_U
ClientSampleId :

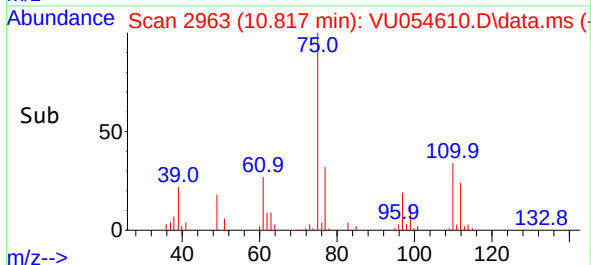
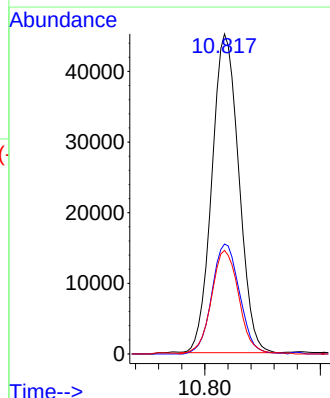
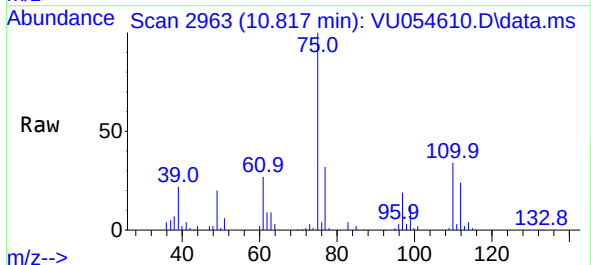


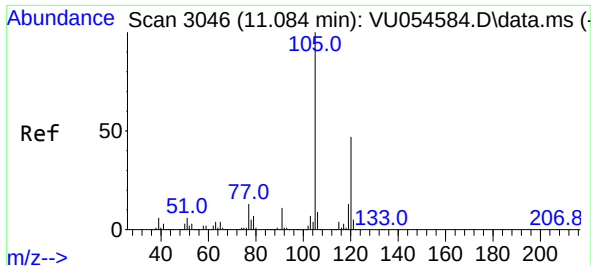
Tgt Ion:105 Resp: 522624
Ion Ratio Lower Upper
105 100
120 25.5 20.9 31.3
77 15.8 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 5.442 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU054610.D
Acq: 19 Jun 2023 20:47

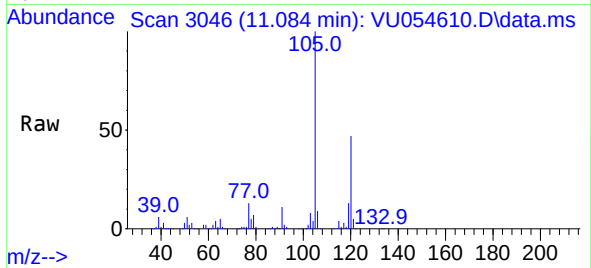
Tgt Ion: 75 Resp: 73048
Ion Ratio Lower Upper
75 100
110 35.5 28.0 42.0
77 33.2 25.4 38.2



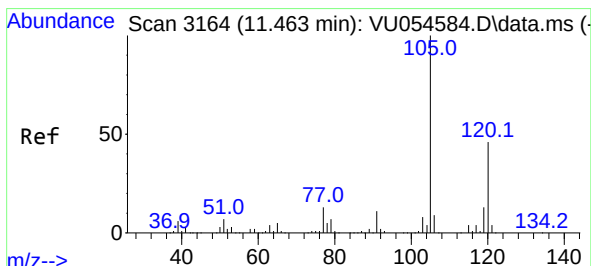
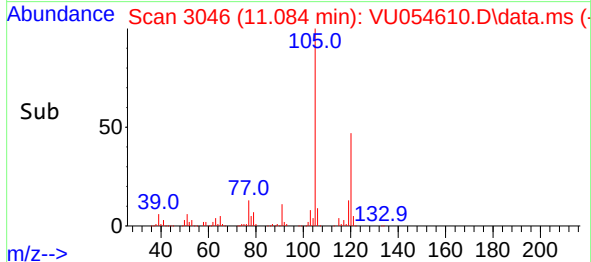
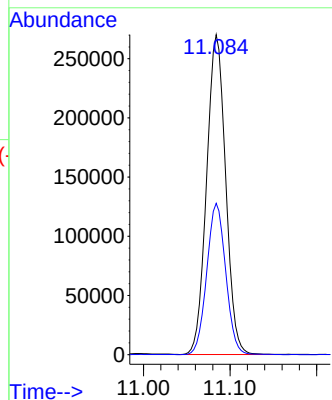


#62
1,3,5-Trimethylbenzene
Concen: 5.204 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU054610.D
Acq: 19 Jun 2023 20:47

Instrument :
MSVOA_U
ClientSampleId :

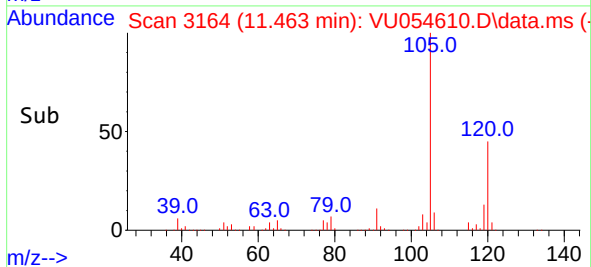
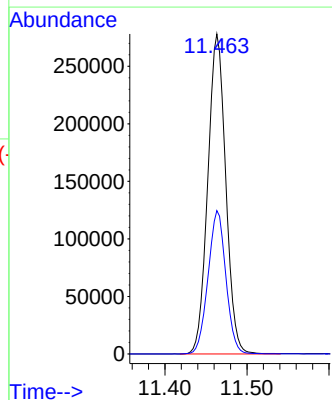
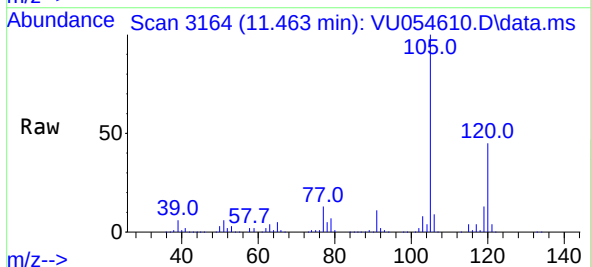


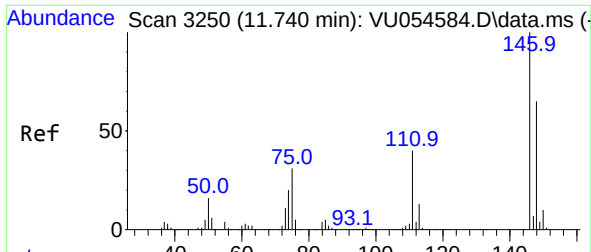
Tgt Ion:105 Resp: 412562
Ion Ratio Lower Upper
105 100
120 47.2 37.9 56.9



#63
1,2,4-Trimethylbenzene
Concen: 5.249 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU054610.D
Acq: 19 Jun 2023 20:47

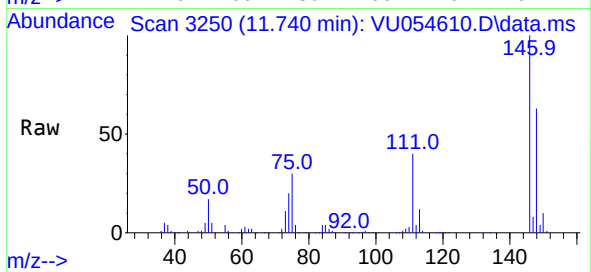
Tgt Ion:105 Resp: 422634
Ion Ratio Lower Upper
105 100
120 44.5 35.4 53.0



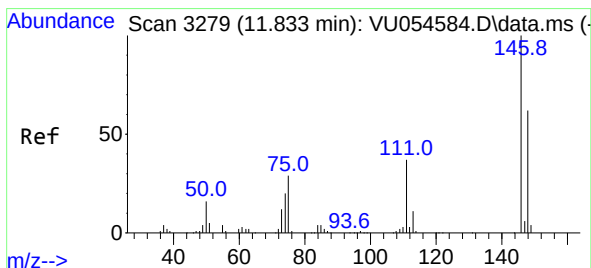
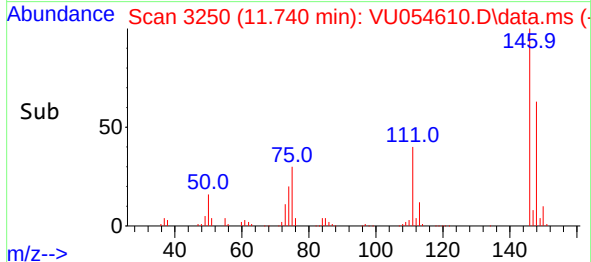
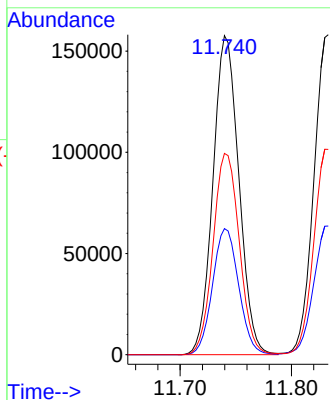


#64
1,3-Dichlorobenzene
Concen: 5.609 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU054610.D
Acq: 19 Jun 2023 20:47

Instrument :
MSVOA_U
ClientSampleId :

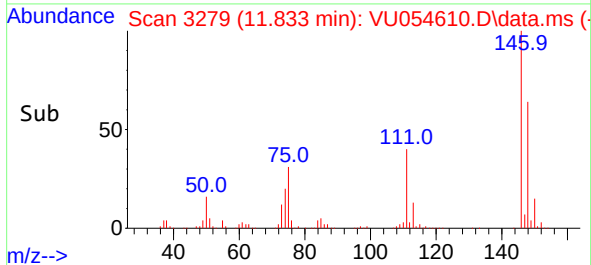
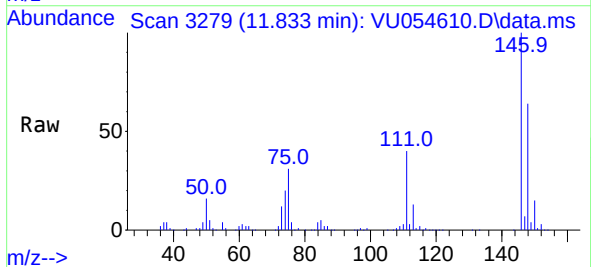
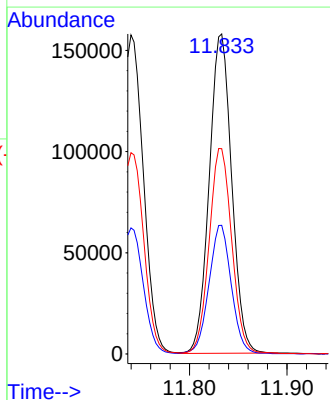


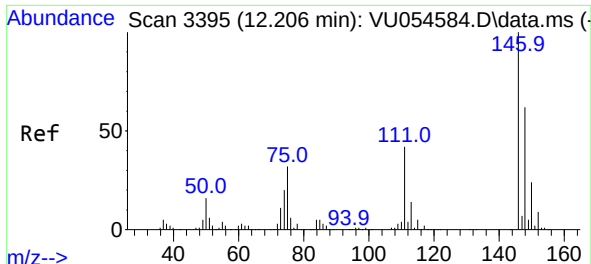
Tgt Ion:146 Resp: 254724
Ion Ratio Lower Upper
146 100
111 39.5 28.9 53.7
148 63.1 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 5.543 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU054610.D
Acq: 19 Jun 2023 20:47

Tgt Ion:146 Resp: 252641
Ion Ratio Lower Upper
146 100
111 40.2 28.0 52.0
148 64.2 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 5.535 ug/L

RT: 12.209 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU054610.D

Acq: 19 Jun 2023 20:47

Instrument :

MSVOA_U

ClientSampleId :

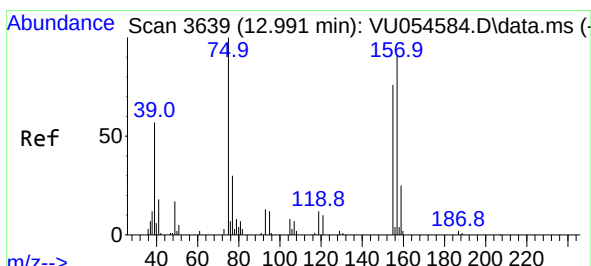
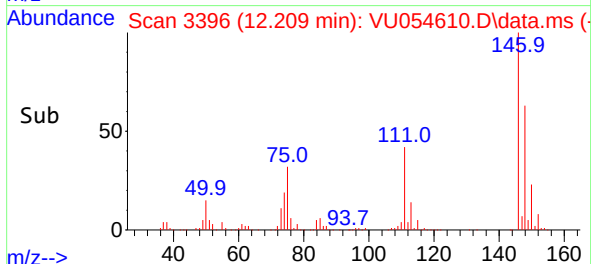
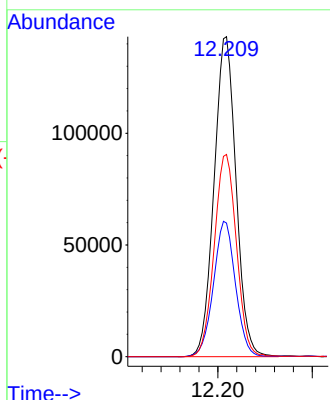
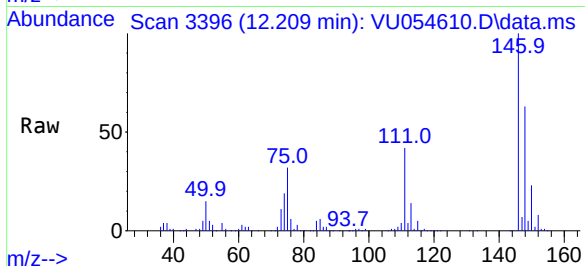
Tgt Ion:146 Resp: 231217

Ion Ratio Lower Upper

146 100

111 41.8 34.5 51.7

148 63.2 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 6.106 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU054610.D

Acq: 19 Jun 2023 20:47

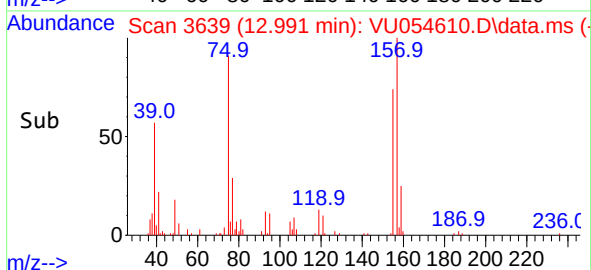
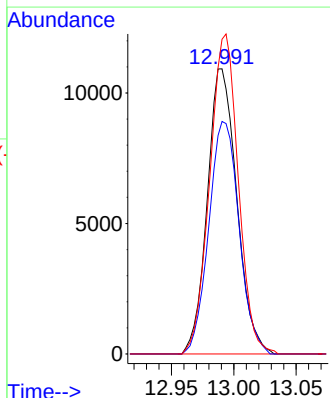
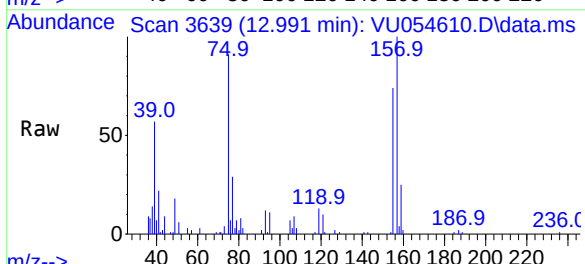
Tgt Ion: 75 Resp: 18010

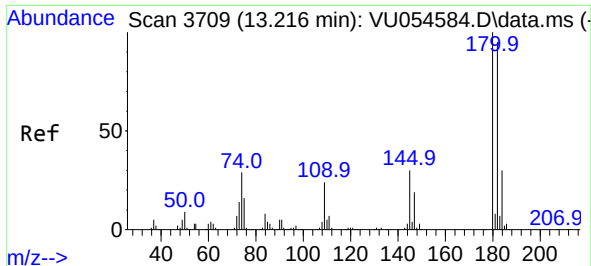
Ion Ratio Lower Upper

75 100

155 81.5 65.7 98.5

157 110.4 84.2 126.2





#69

1,3,5-Trichlorobenzene

Concen: 5.555 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.003 min

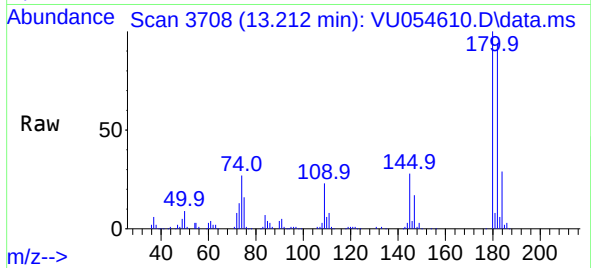
Lab File: VU054610.D

Acq: 19 Jun 2023 20:47

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 190369

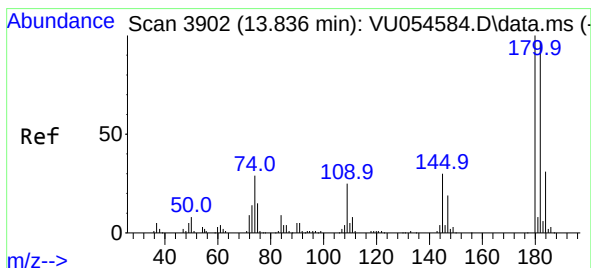
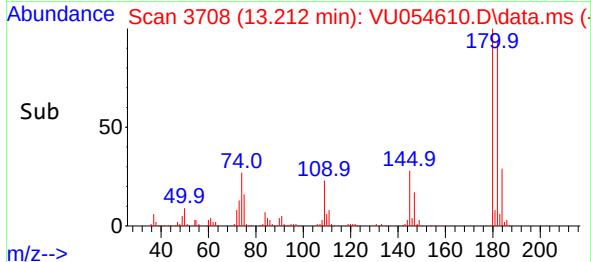
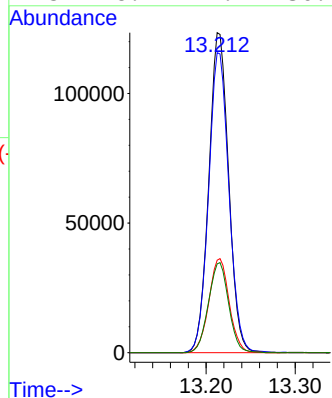
Ion Ratio Lower Upper

180 100

182 96.1 75.0 112.6

184 30.4 24.1 36.1

145 28.7 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 5.871 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU054610.D

Acq: 19 Jun 2023 20:47

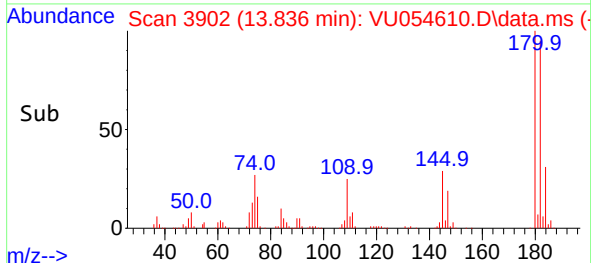
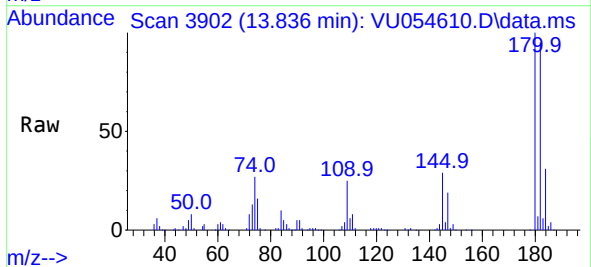
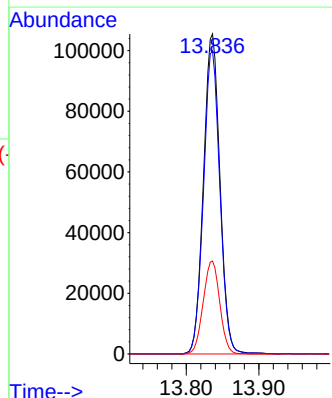
Tgt Ion:180 Resp: 166355

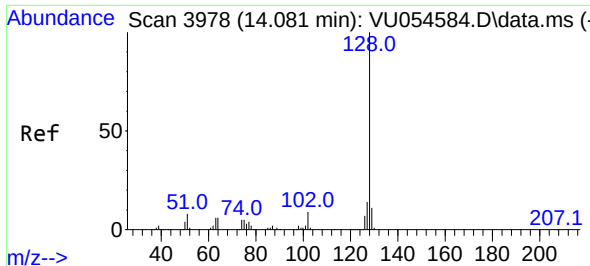
Ion Ratio Lower Upper

180 100

182 93.9 76.6 114.8

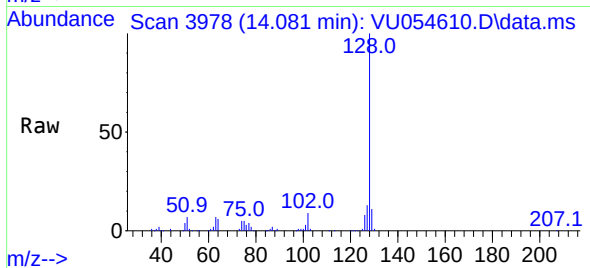
145 29.2 24.0 36.0



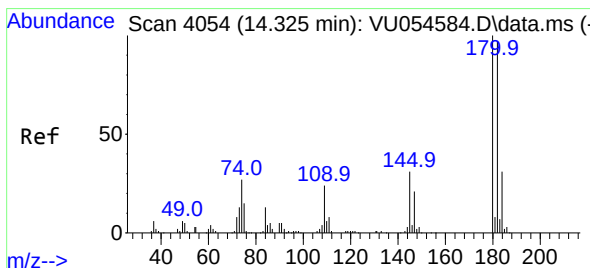
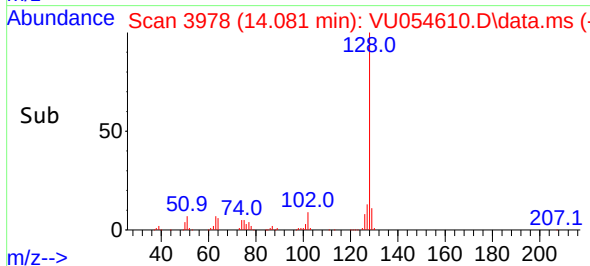
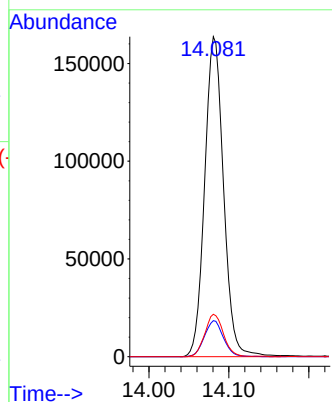


#71
Naphthalene
Concen: 5.843 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU054610.D
Acq: 19 Jun 2023 20:47

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 269201
Ion Ratio Lower Upper
128 100
129 11.4 8.6 12.8
127 13.1 10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 6.085 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU054610.D
Acq: 19 Jun 2023 20:47

Tgt Ion:180 Resp: 148143
Ion Ratio Lower Upper
180 100
182 96.1 75.4 113.2
145 31.7 26.0 39.0

