

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031524\
 Data File : VU058139.D
 Acq On : 15 Mar 2024 19:53
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 15 23:32:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 14 04:37:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	126015	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	123616	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	60569	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	45726	5.043	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.800%
7) Chloroethane-d5	1.904	69	40627	5.452	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.000%
11) 1,1-Dichloroethene-d2	2.557	65	20274	5.167	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.400%
20) 2-Butanone-d5	4.608	46	83537	55.920	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.840%
24) Chloroform-d	5.052	84	92188	5.376	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.600%
26) 1,2-Dichloroethane-d4	5.692	65	42065	5.414	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.200%
32) Benzene-d6	5.717	84	184246	5.115	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
36) 1,2-Dichloropropane-d6	6.682	67	56710	5.178	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.600%
41) Toluene-d8	7.891	98	165636	5.075	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
43) trans-1,3-Dichloroprop...	8.174	79	16647	4.420	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.624	63	70505	55.761	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.520%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	35438	5.277	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	52408	5.254	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	36145	4.734	ug/L	98
3) Chloromethane	1.515	50	44998	5.040	ug/L	100
5) Vinyl chloride	1.599	62	49912	5.197	ug/L	99
6) Bromomethane	1.849	94	26371	5.214	ug/L	98
8) Chloroethane	1.923	64	32868	5.435	ug/L	97
9) Trichlorofluoromethane	2.129	101	74460	5.443	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	46591	5.447	ug/L	99
12) 1,1-Dichloroethene	2.570	96	41233	5.423	ug/L	97
13) Acetone	2.611	43	56569	50.884	ug/L	98
14) Carbon disulfide	2.785	76	108743	4.625	ug/L	100
15) Methyl Acetate	2.943	43	16225	6.576	ug/L	98
16) Methylene chloride	3.033	84	49781	5.387	ug/L	97
17) Methyl tert-butyl Ether	3.348	73	99431	5.530	ug/L	100
18) trans-1,2-Dichloroethene	3.341	96	44881	5.419	ug/L	97
19) 1,1-Dichloroethane	3.856	63	98701	5.974	ug/L	99
21) 2-Butanone	4.689	43	96801	55.259	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	51374	5.639	ug/L	98
23) Bromochloromethane	4.965	128	20057	5.929	ug/L	95
25) Chloroform	5.078	83	99752	5.914	ug/L	98

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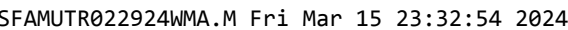
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 ClientSampleId :

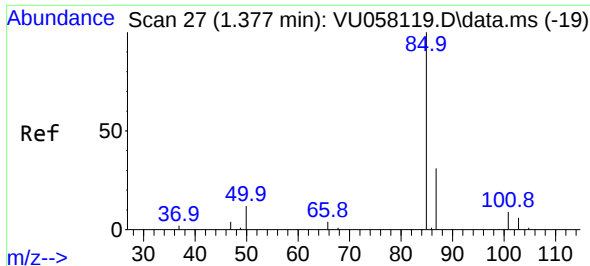
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	53824	5.764	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	81213	5.520	ug/L	100
30) Cyclohexane	5.377	56	70341	4.735	ug/L	99
31) Carbon tetrachloride	5.515	117	69005	5.397	ug/L	99
33) Benzene	5.766	78	208520	5.497	ug/L	100
34) Trichloroethene	6.534	95	54618	5.472	ug/L	98
35) Methylcyclohexane	6.756	83	72019	4.707	ug/L	99
37) 1,2-Dichloropropane	6.782	63	54293	5.551	ug/L	99
38) Bromodichloromethane	7.097	83	66171	5.576	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	68603	5.091	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	251637	55.923	ug/L	99
42) Toluene	7.962	91	216749	5.487	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	54819	5.104	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	32799	5.655	ug/L	99
47) Tetrachloroethene	8.547	164	36315	5.244	ug/L	98
48) 2-Hexanone	8.676	43	175411	53.157	ug/L	99
49) Dibromochloromethane	8.801	129	37812	5.508	ug/L	98
50) 1,2-Dibromoethane	8.917	107	29891	5.807	ug/L	92
51) Chlorobenzene	9.441	112	135812	5.482	ug/L	97
52) Ethylbenzene	9.563	91	238353	5.392	ug/L	99
53) m,p-Xylene	9.688	106	86436	5.473	ug/L	98
54) o-Xylene	10.094	106	84576	5.373	ug/L	99
55) Styrene	10.110	104	137606	5.570	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	39056	5.716	ug/L	96
59) Bromoform	10.283	173	19048	5.639	ug/L	98
60) Isopropylbenzene	10.479	105	219298	5.436	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	28415	5.727	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	182934	5.377	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	182365	5.431	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	98693	5.383	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	96490	5.376	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	89209	5.573	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	5361	5.446	ug/L	90
69) 1,3,5-Trichlorobenzene	13.216	180	68927	5.226	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	50720	5.118	ug/L	97
71) Naphthalene	14.084	128	60997	4.507	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	39650	5.065	ug/L	98

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

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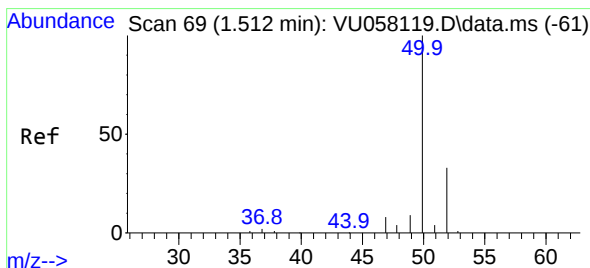
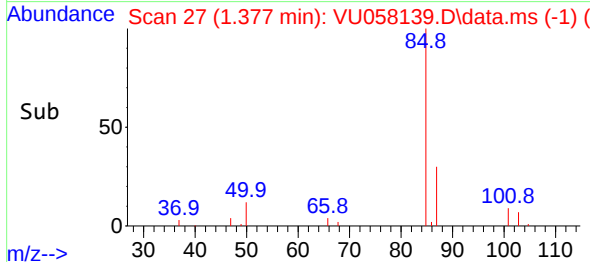
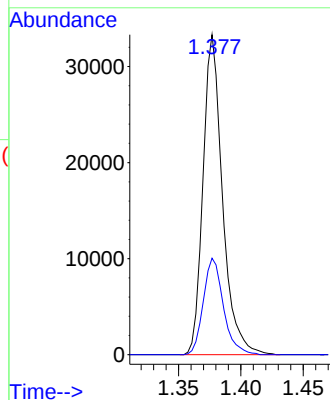
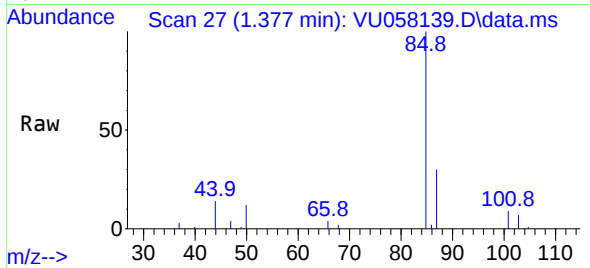




#2
Dichlorodifluoromethane
Concen: 4.734 ug/L
RT: 1.377 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU058139.D
Acq: 15 Mar 2024 19:53

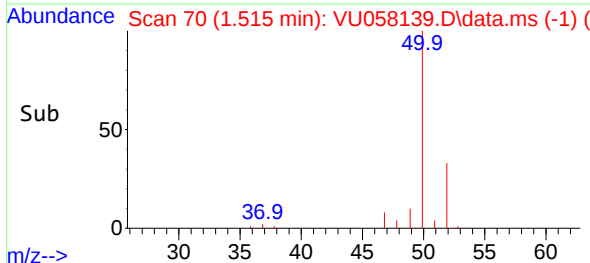
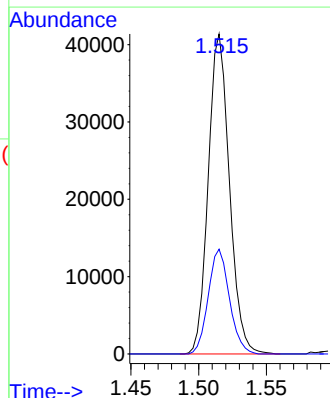
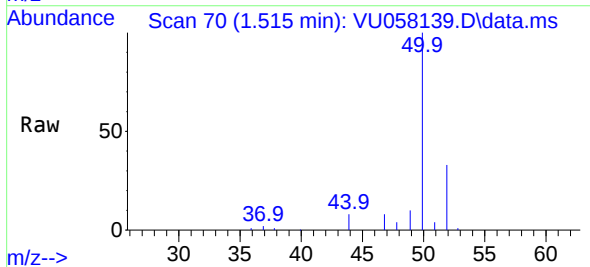
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MSVOA_U
ClientSampleId :

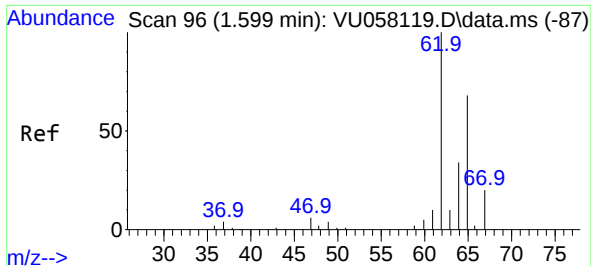
Tgt Ion: 85 Resp: 36145
Ion Ratio Lower Upper
85 100
87 31.1 25.8 38.6



#3
Chloromethane
Concen: 5.040 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU058139.D
Acq: 15 Mar 2024 19:53

Tgt Ion: 50 Resp: 44998
Ion Ratio Lower Upper
50 100
52 32.7 23.1 42.9

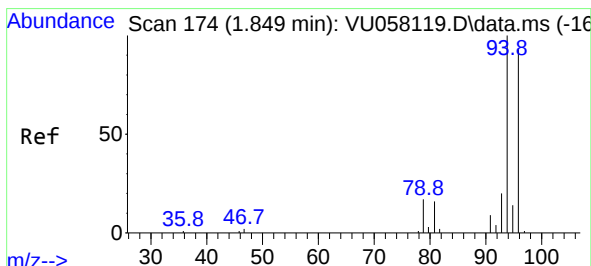
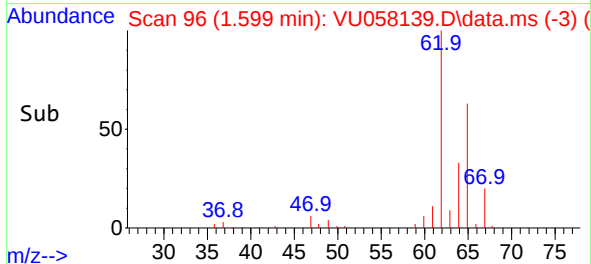
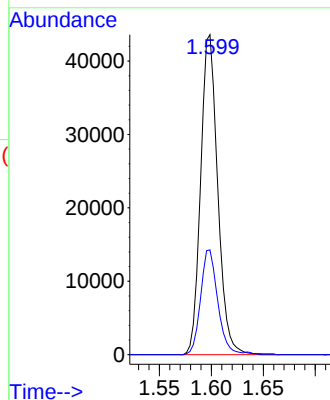
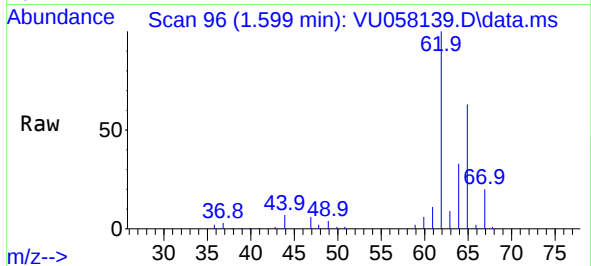




#5
 Vinyl chloride
 Concen: 5.197 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VU058139.D
 Acq: 15 Mar 2024 19:53

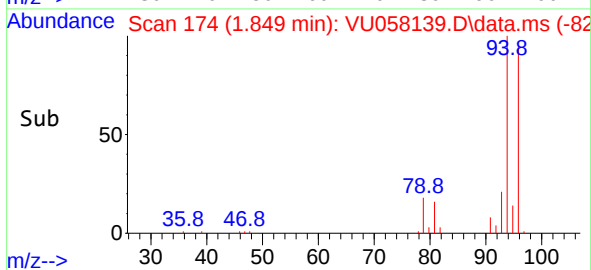
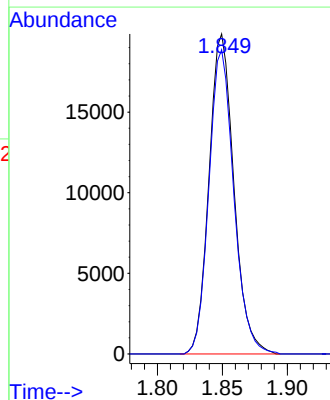
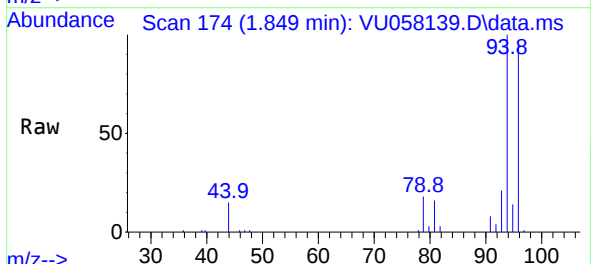
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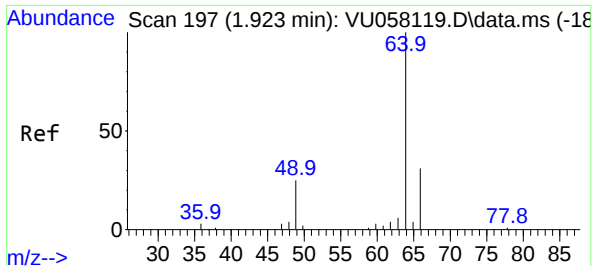
Tgt Ion: 62 Resp: 49912
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.5 41.7



#6
 Bromomethane
 Concen: 5.214 ug/L
 RT: 1.849 min Scan# 174
 Delta R.T. -0.003 min
 Lab File: VU058139.D
 Acq: 15 Mar 2024 19:53

Tgt Ion: 94 Resp: 26371
 Ion Ratio Lower Upper
 94 100
 96 95.0 65.2 121.2

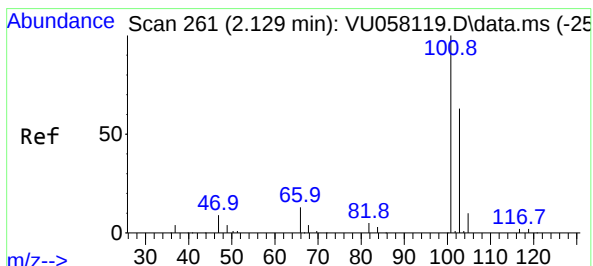
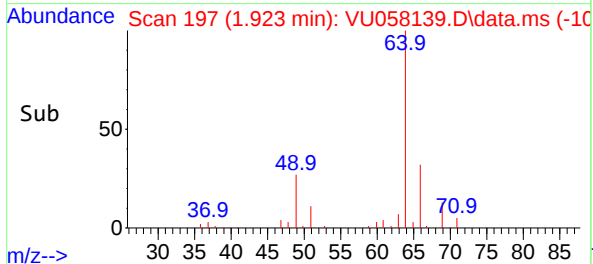
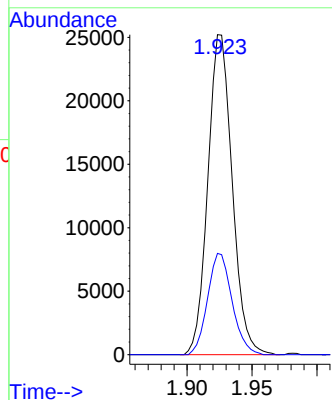
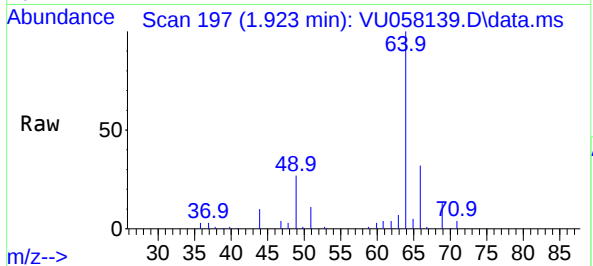




#8
Chloroethane
Concen: 5.435 ug/L
RT: 1.923 min Scan# 197
Delta R.T. -0.003 min
Lab File: VU058139.D
Acq: 15 Mar 2024 19:53

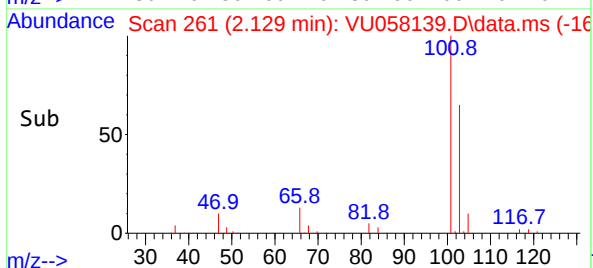
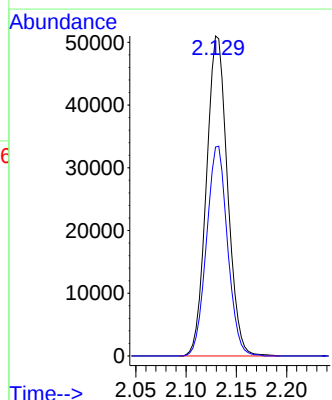
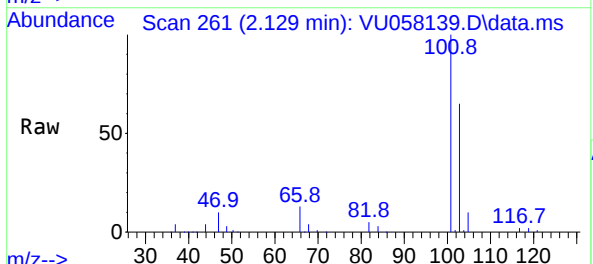
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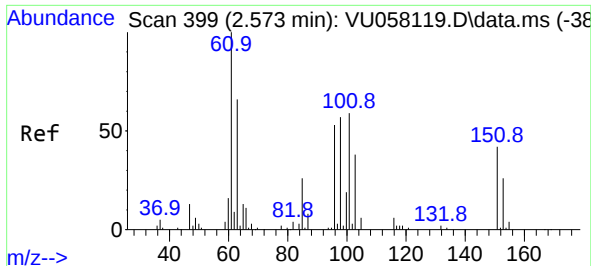
Tgt Ion: 64 Resp: 32868
Ion Ratio Lower Upper
64 100
66 31.6 20.9 38.9



#9
Trichlorofluoromethane
Concen: 5.443 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.003 min
Lab File: VU058139.D
Acq: 15 Mar 2024 19:53

Tgt Ion:101 Resp: 74460
Ion Ratio Lower Upper
101 100
103 65.3 51.4 77.2

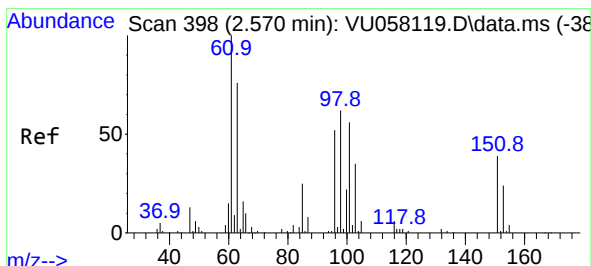
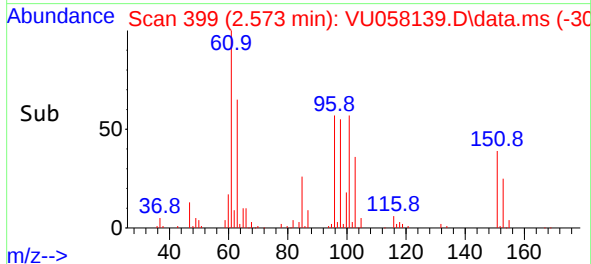
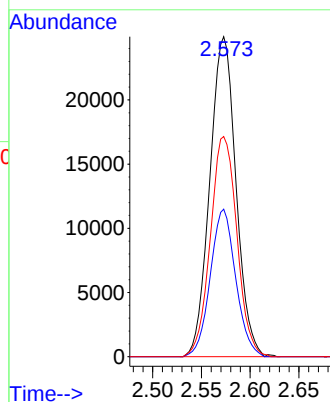
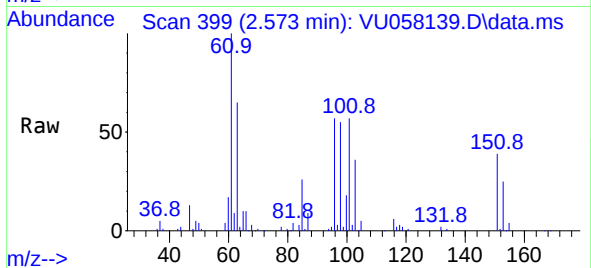




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.447 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU058119.D
Acq: 15 Mar 2024 19:53

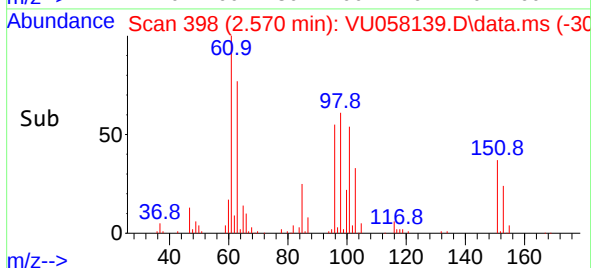
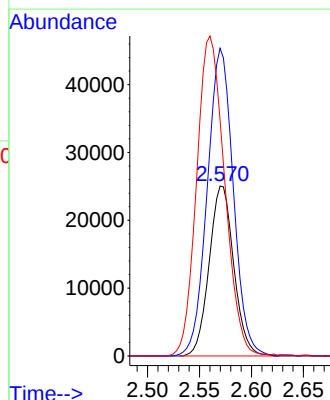
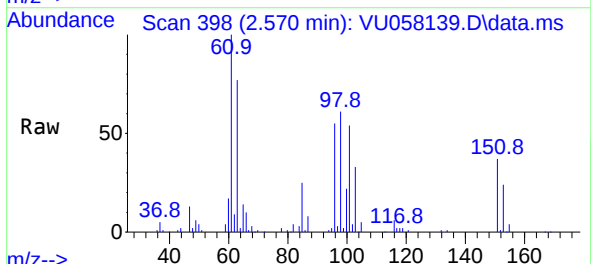
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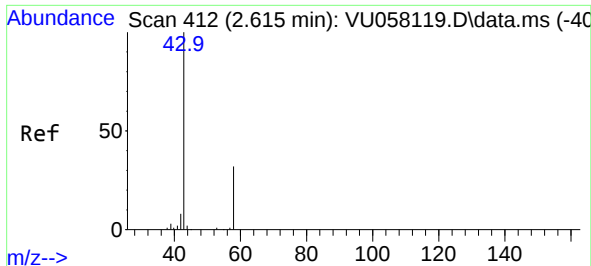
Tgt Ion:101 Resp: 46591
Ion Ratio Lower Upper
101 100
85 44.7 37.3 55.9
151 69.7 56.0 84.0



#12
1,1-Dichloroethene
Concen: 5.423 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU058119.D
Acq: 15 Mar 2024 19:53

Tgt Ion: 96 Resp: 41233
Ion Ratio Lower Upper
96 100
61 181.1 131.8 244.8
63 139.1 98.1 182.1





#13

Acetone

Concen: 50.884 ug/L

RT: 2.611 min Scan# 411

Delta R.T. -0.013 min

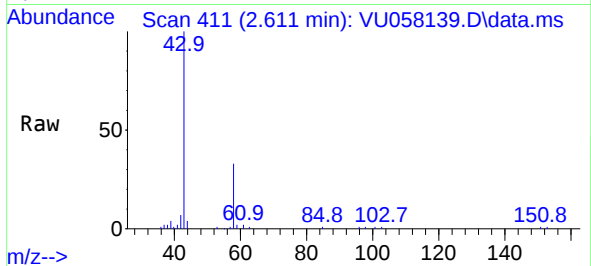
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Instrument :

MSVOA_U

ClientSampleId :

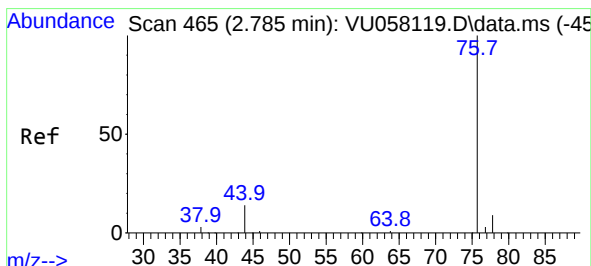
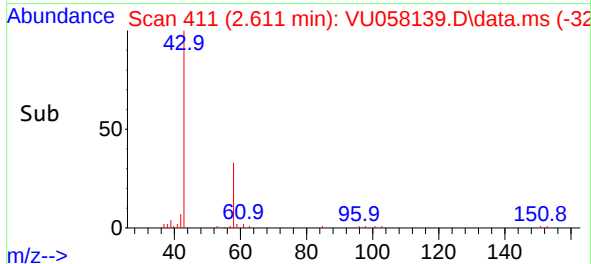
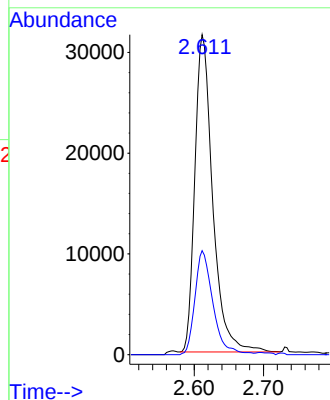


Tgt Ion: 43 Resp: 56569

Ion Ratio Lower Upper

43 100

58 33.0 0.0 63.6



#14

Carbon disulfide

Concen: 4.625 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU058139.D

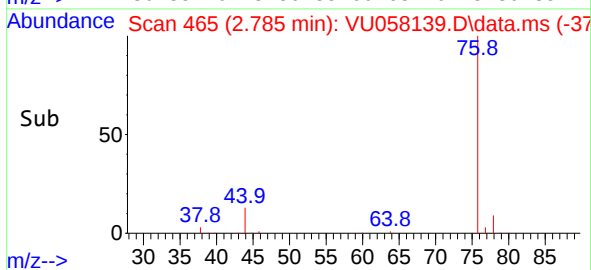
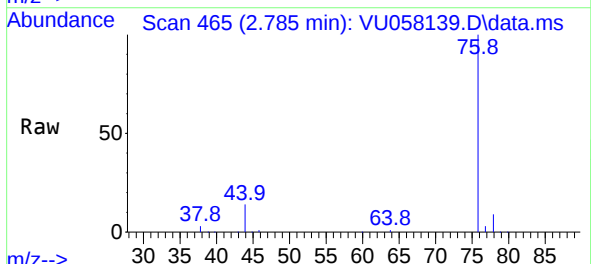
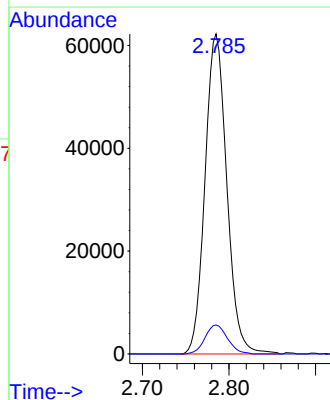
Acq: 15 Mar 2024 19:53

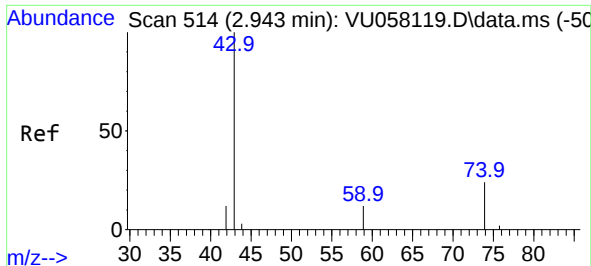
Tgt Ion: 76 Resp: 108743

Ion Ratio Lower Upper

76 100

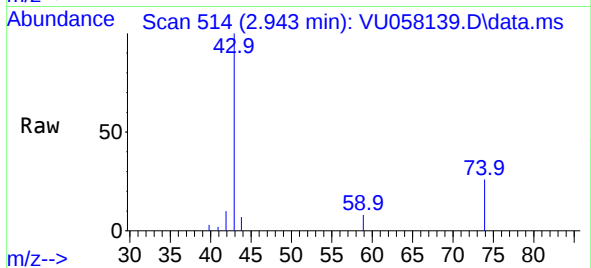
78 9.0 7.3 10.9



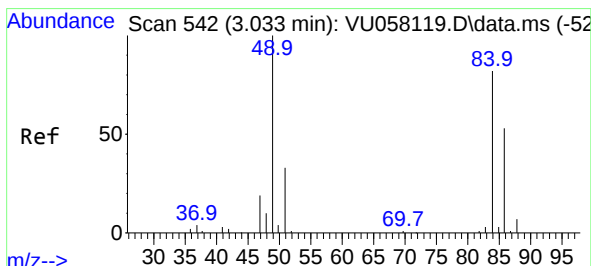
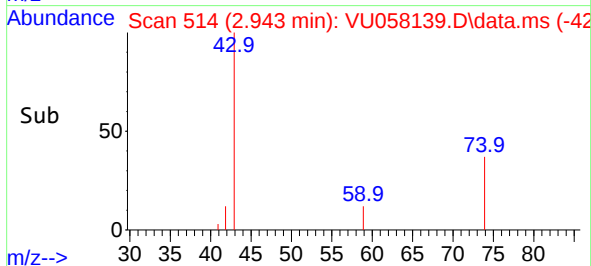
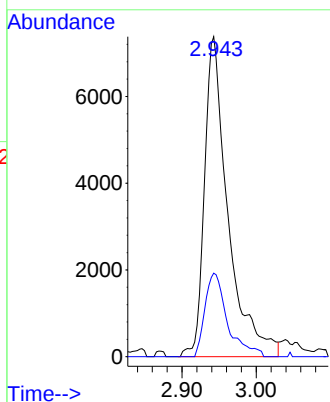


#15
Methyl Acetate
Concen: 6.576 ug/L
RT: 2.943 min Scan# 514
Delta R.T. -0.006 min
Lab File: VU058139.D
Acq: 15 Mar 2024 19:53

Instrument :
MSVOA_U
ClientSampleId :

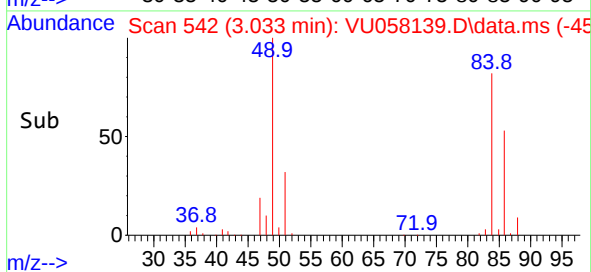
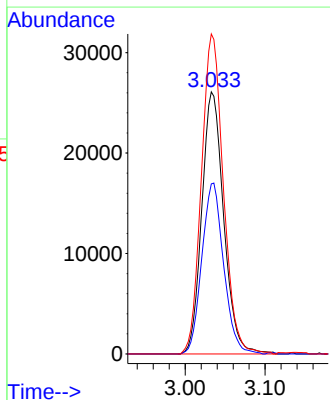
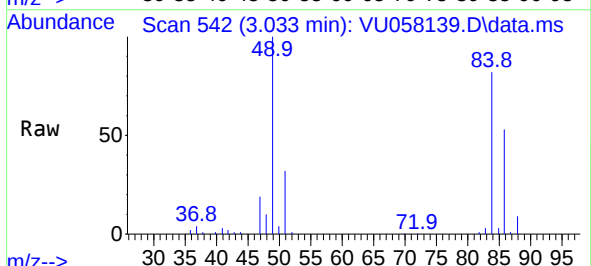


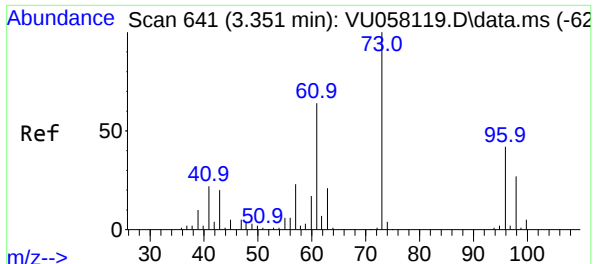
Tgt Ion: 43 Resp: 16225
Ion Ratio Lower Upper
43 100
74 24.9 20.6 31.0



#16
Methylene chloride
Concen: 5.387 ug/L
RT: 3.033 min Scan# 542
Delta R.T. -0.003 min
Lab File: VU058139.D
Acq: 15 Mar 2024 19:53

Tgt Ion: 84 Resp: 49781
Ion Ratio Lower Upper
84 100
86 64.9 44.4 82.4
49 122.1 88.8 165.0





#17

Methyl tert-butyl Ether

Concen: 5.530 ug/L

RT: 3.348 min Scan# 641

Delta R.T. -0.000 min

Lab File: VU058139.D

Acq: 15 Mar 2024 19:53

Instrument :

MSVOA_U

ClientSampleId :

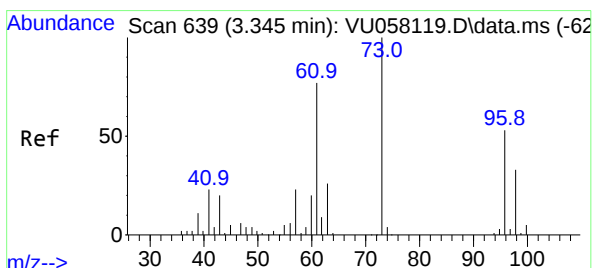
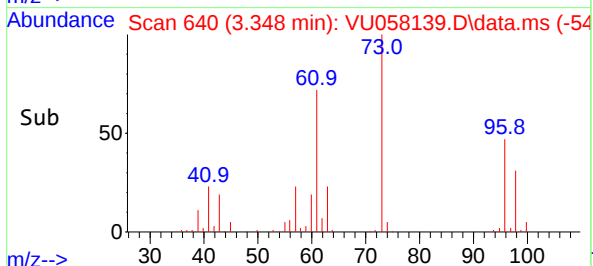
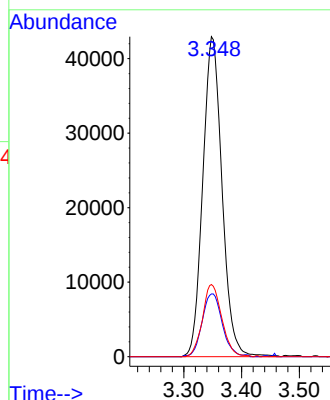
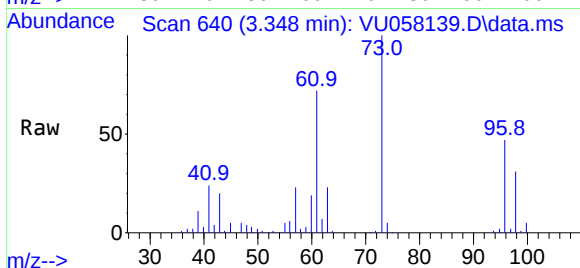
Tgt Ion: 73 Resp: 99431

Ion Ratio Lower Upper

73 100

43 20.5 16.2 24.4

57 22.6 17.9 26.9



#18

trans-1,2-Dichloroethene

Concen: 5.419 ug/L

RT: 3.341 min Scan# 638

Delta R.T. -0.003 min

Lab File: VU058139.D

Acq: 15 Mar 2024 19:53

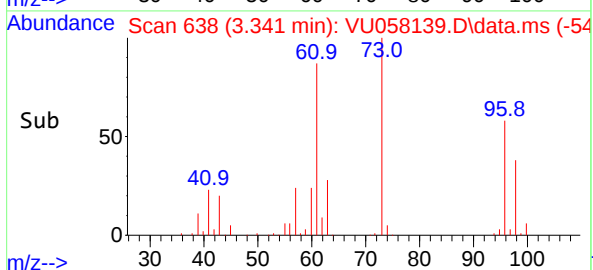
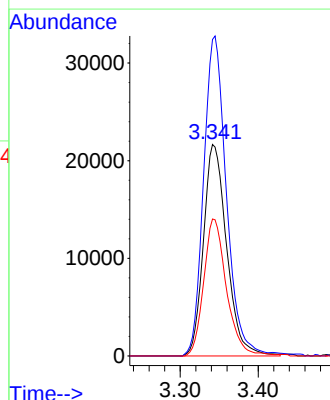
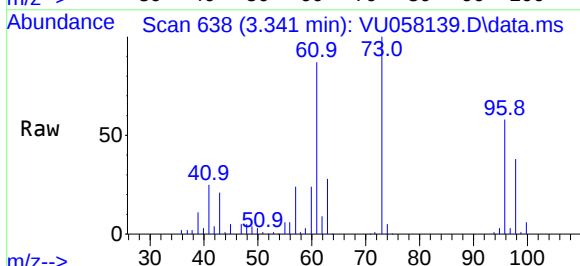
Tgt Ion: 96 Resp: 44881

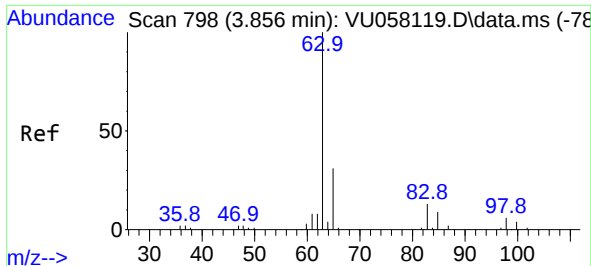
Ion Ratio Lower Upper

96 100

61 149.6 107.7 199.9

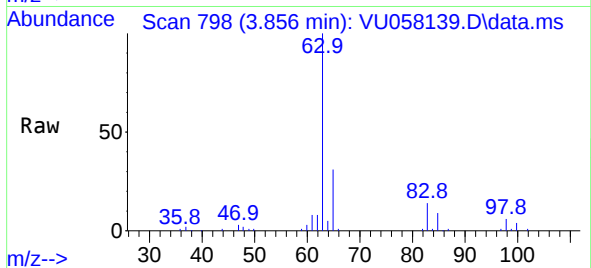
98 64.7 45.8 85.0



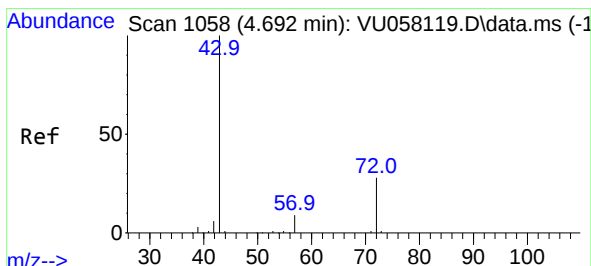
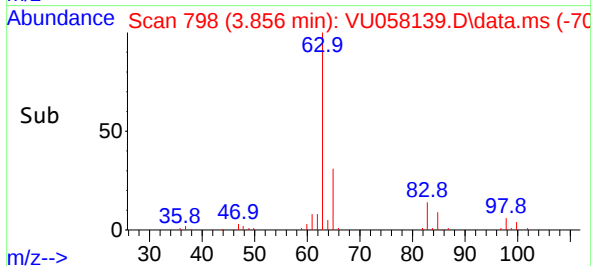
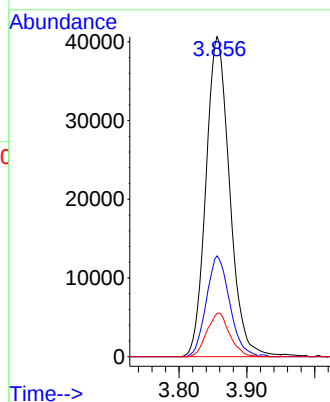


#19
1,1-Dichloroethane
Concen: 5.974 ug/L
RT: 3.856 min Scan# 798
Delta R.T. -0.003 min
Lab File: VU058119.D
Acq: 15 Mar 2024 19:53

Instrument :
MSVOA_U
ClientSampleId :

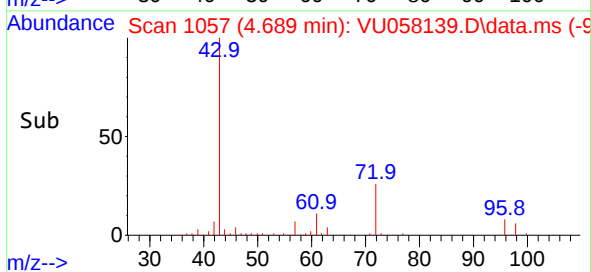
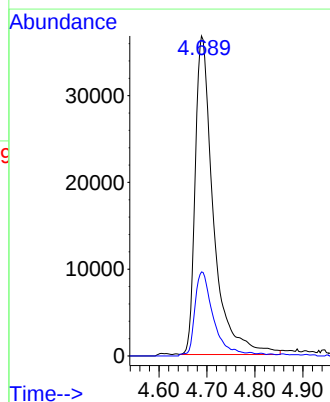
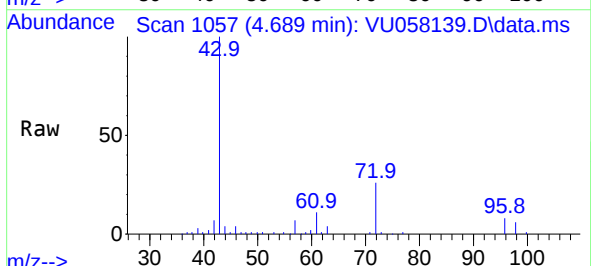


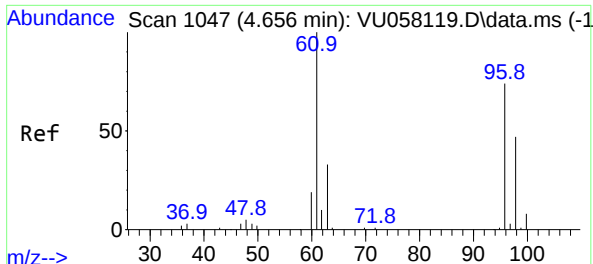
Tgt Ion: 63 Resp: 98701
Ion Ratio Lower Upper
63 100
65 31.5 22.1 41.1
83 13.5 9.0 16.6



#21
2-Butanone
Concen: 55.259 ug/L
RT: 4.689 min Scan# 1057
Delta R.T. -0.010 min
Lab File: VU058119.D
Acq: 15 Mar 2024 19:53

Tgt Ion: 43 Resp: 96801
Ion Ratio Lower Upper
43 100
72 26.6 13.0 39.0



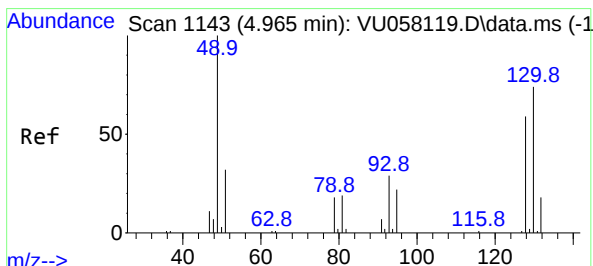
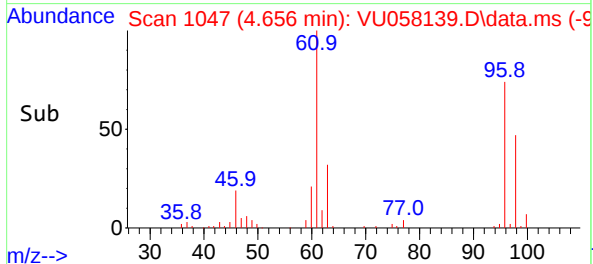
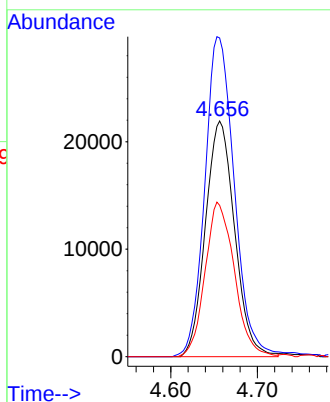
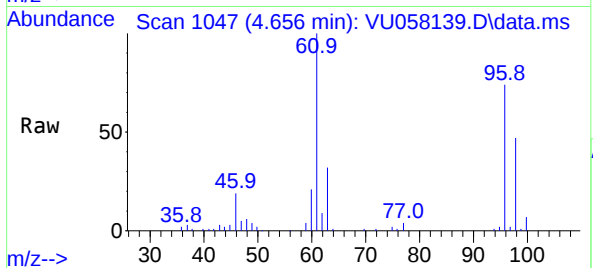


#22
 cis-1,2-Dichloroethene
 Concen: 5.639 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. 0.003 min
 Lab File: VU058119.D
 Acq: 15 Mar 2024 19:53

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 96 Resp: 51374

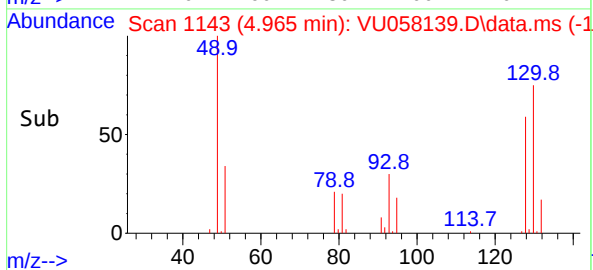
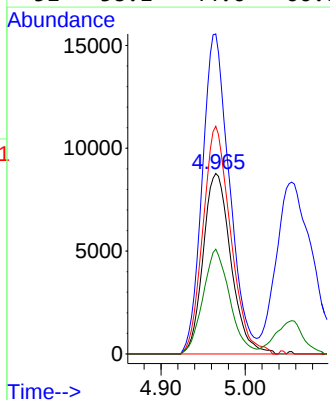
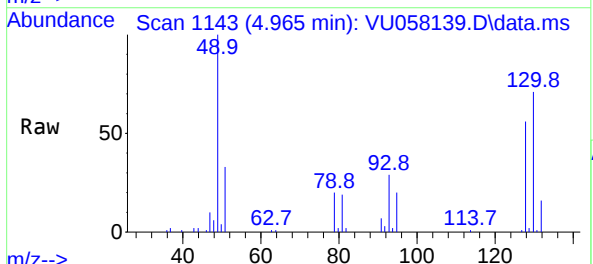
Ion	Ratio	Lower	Upper
96	100		
61	135.3	97.2	180.4
98	64.3	45.5	84.5

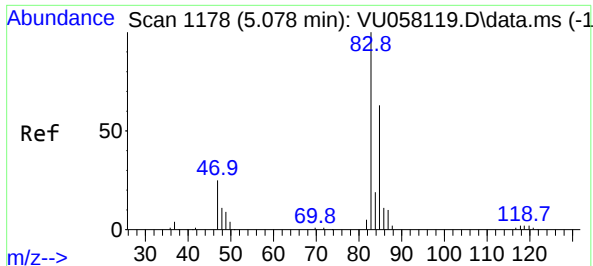


#23
 Bromochloromethane
 Concen: 5.929 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VU058119.D
 Acq: 15 Mar 2024 19:53

Tgt Ion: 128 Resp: 20057

Ion	Ratio	Lower	Upper
128	100		
49	184.5	122.0	226.6
130	126.2	86.6	160.8
51	58.1	44.6	66.8

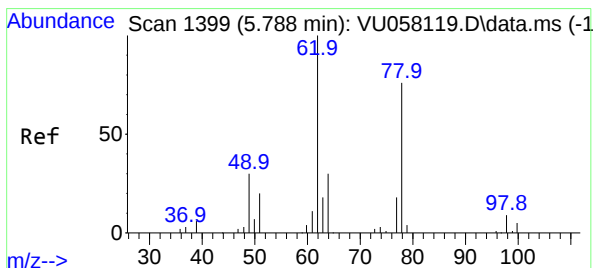
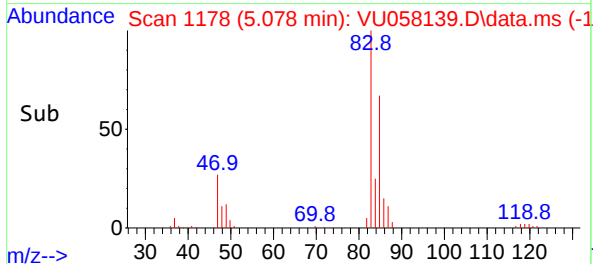
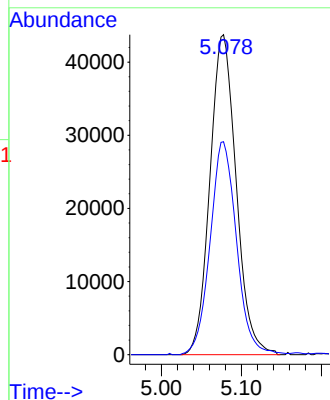
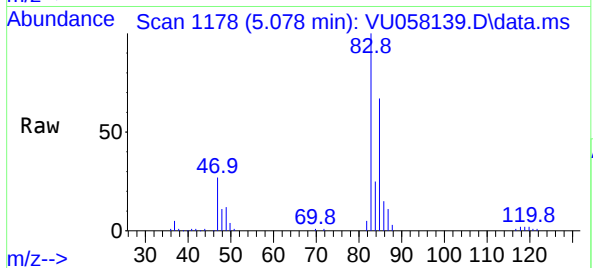




#25
Chloroform
Concen: 5.914 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU058119.D
Acq: 15 Mar 2024 19:53

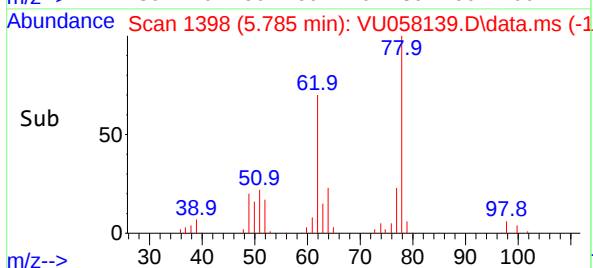
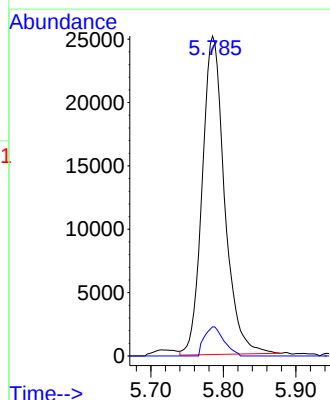
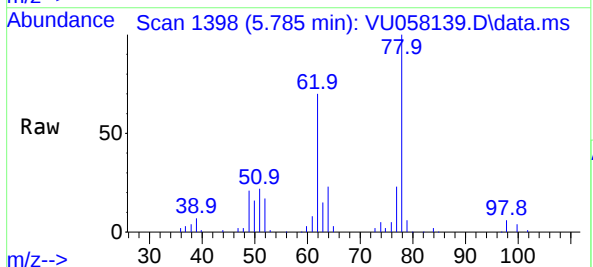
Instrument :
MSVOA_U
ClientSampleId :

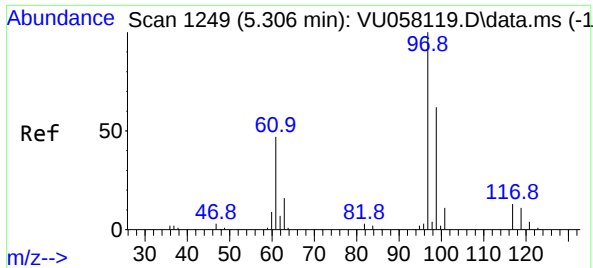
Tgt Ion: 83 Resp: 99752
Ion Ratio Lower Upper
83 100
85 66.5 45.4 84.4



#27
1,2-Dichloroethane
Concen: 5.764 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VU058139.D
Acq: 15 Mar 2024 19:53

Tgt Ion: 62 Resp: 53824
Ion Ratio Lower Upper
62 100
98 9.1 7.0 10.4

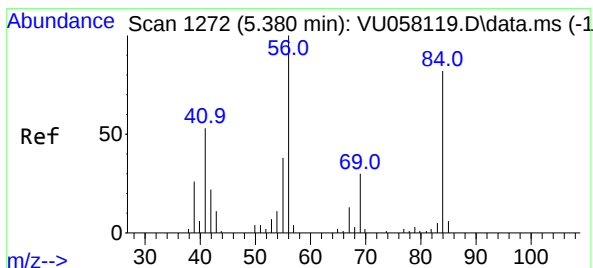
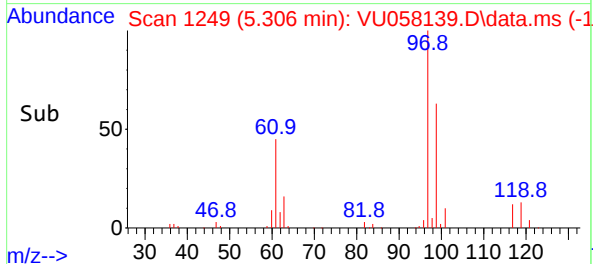
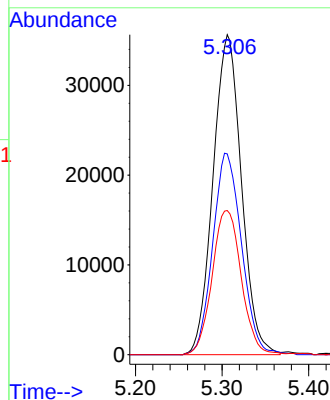
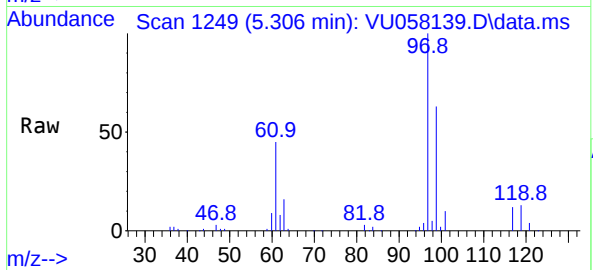




#29
1,1,1-Trichloroethane
Concen: 5.520 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU058119.D
Acq: 15 Mar 2024 19:53

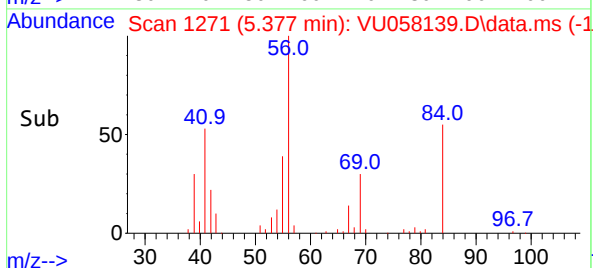
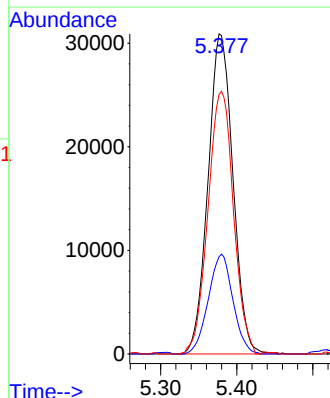
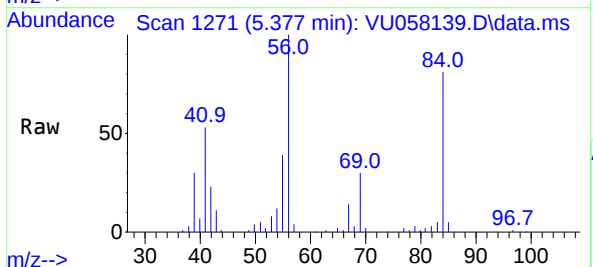
Instrument :
MSVOA_U
ClientSampleId :

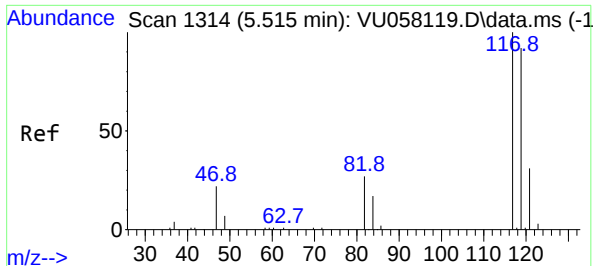
Tgt Ion:	97	Resp:	81213
Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.2	76.8
61	46.3	37.4	56.2



#30
Cyclohexane
Concen: 4.735 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.003 min
Lab File: VU058119.D
Acq: 15 Mar 2024 19:53

Tgt Ion:	56	Resp:	70341
Ion	Ratio	Lower	Upper
56	100		
69	30.7	24.2	36.2
84	84.0	66.6	99.8

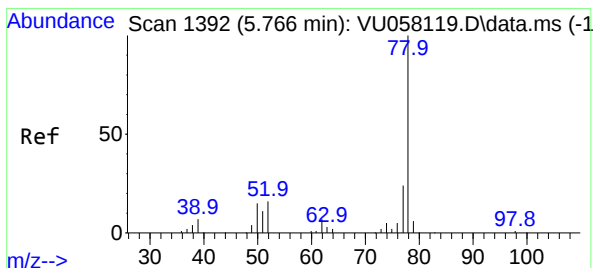
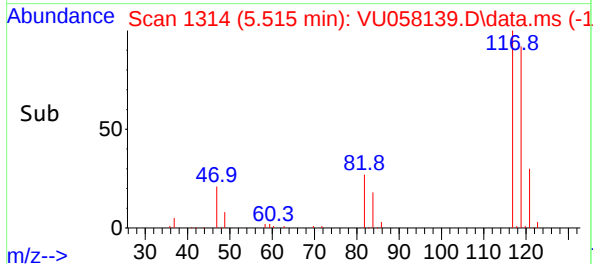
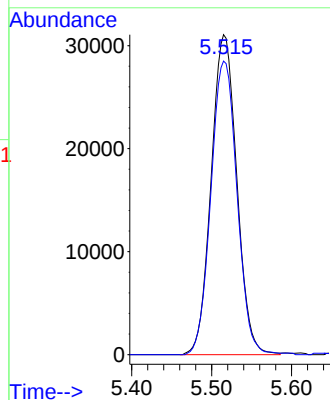
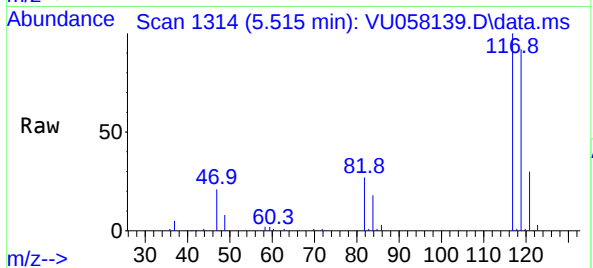




#31
Carbon tetrachloride
Concen: 5.397 ug/L
RT: 5.515 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU058139.D
Acq: 15 Mar 2024 19:53

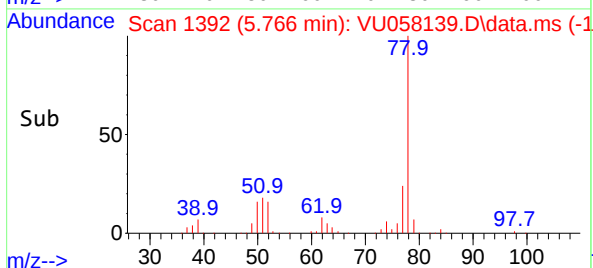
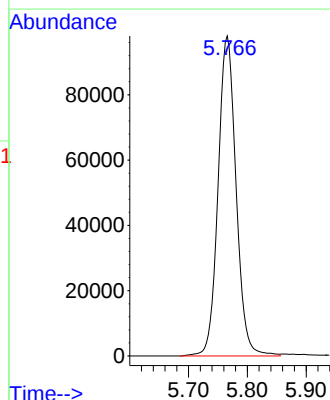
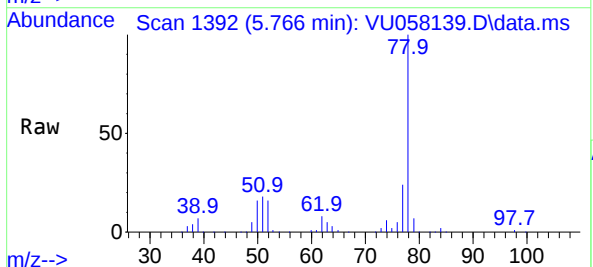
Instrument :
MSVOA_U
ClientSampleId :

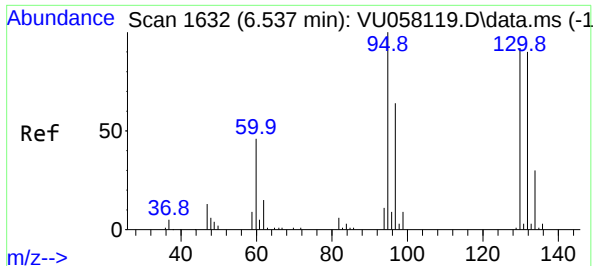
Tgt Ion:117 Resp: 69005
Ion Ratio Lower Upper
117 100
119 93.6 75.8 113.8



#33
Benzene
Concen: 5.497 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU058139.D
Acq: 15 Mar 2024 19:53

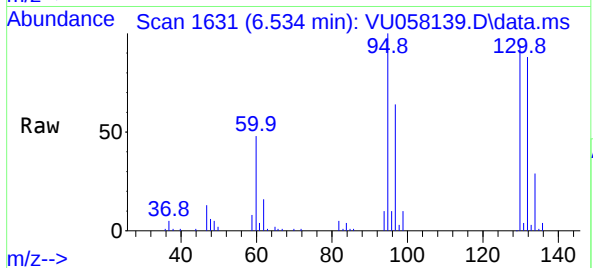
Tgt Ion: 78 Resp: 208520



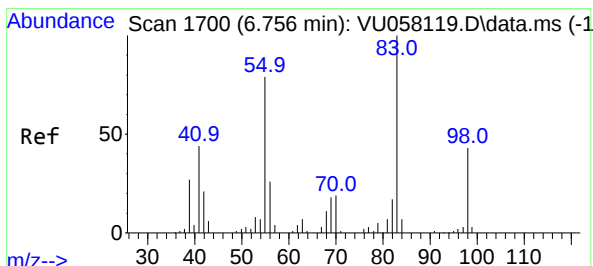
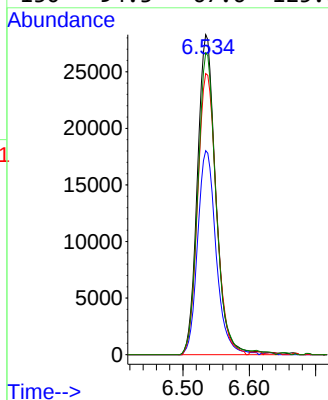
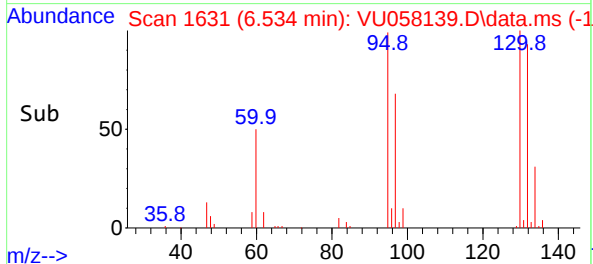


#34
Trichloroethene
Concen: 5.472 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU058139.D
Acq: 15 Mar 2024 19:53

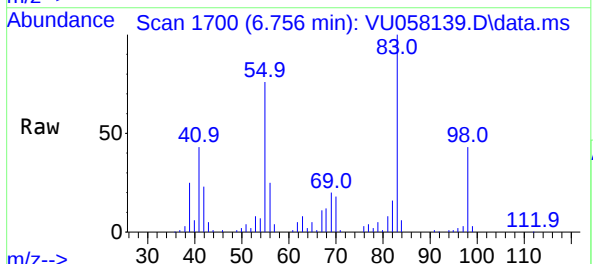
Instrument :
MSVOA_U
ClientSampleId :



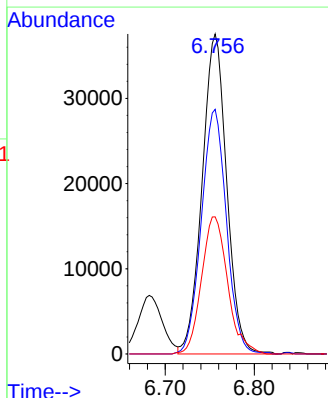
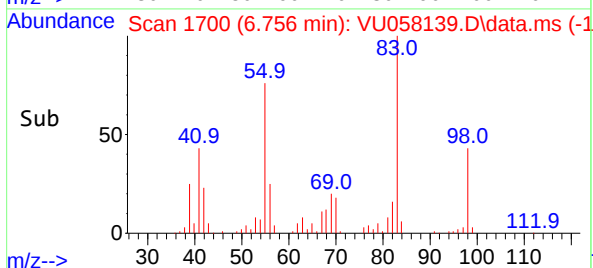
Tgt Ion: 95 Resp: 54618
Ion Ratio Lower Upper
95 100
97 63.8 45.3 84.1
132 87.9 63.1 117.1
130 94.3 67.6 125.6

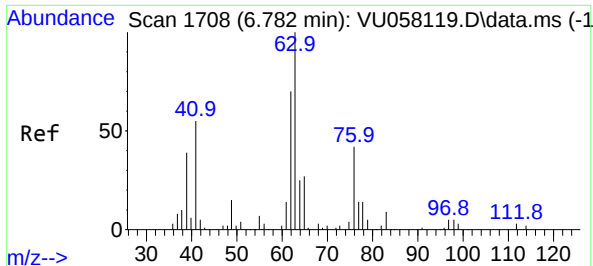


#35
Methylcyclohexane
Concen: 4.707 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU058139.D
Acq: 15 Mar 2024 19:53



Tgt Ion: 83 Resp: 72019
Ion Ratio Lower Upper
83 100
55 78.0 63.0 94.6
98 45.5 36.2 54.4

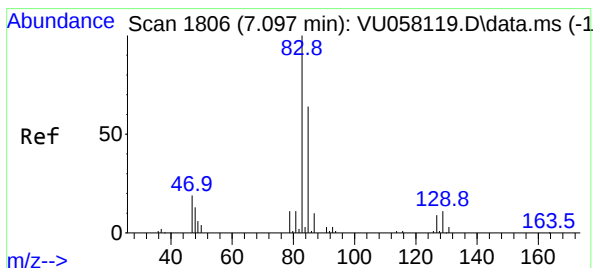
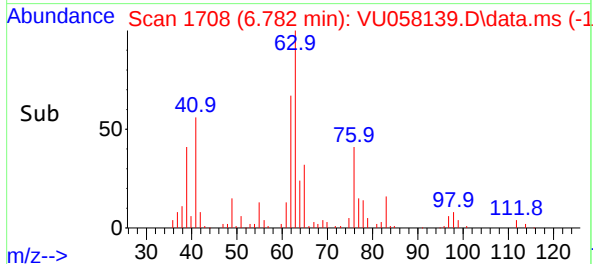
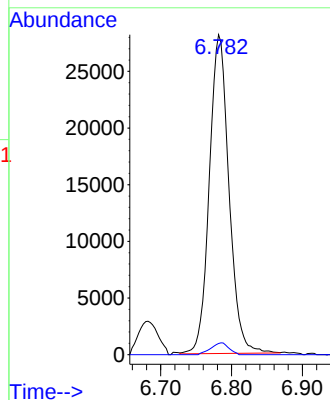
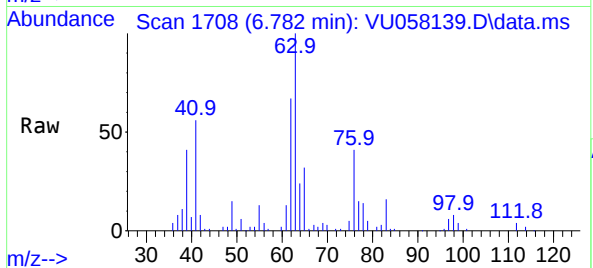




#37
1,2-Dichloropropane
Concen: 5.551 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VU058119.D
Acq: 15 Mar 2024 19:53

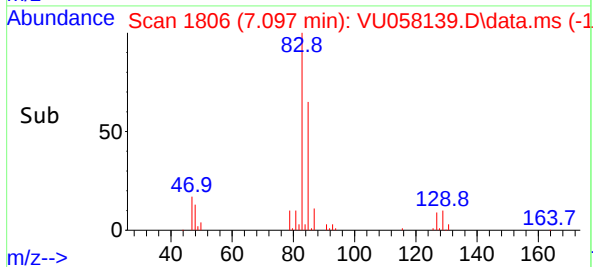
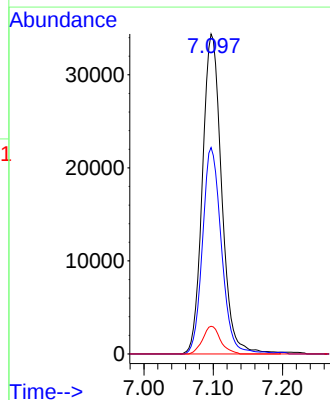
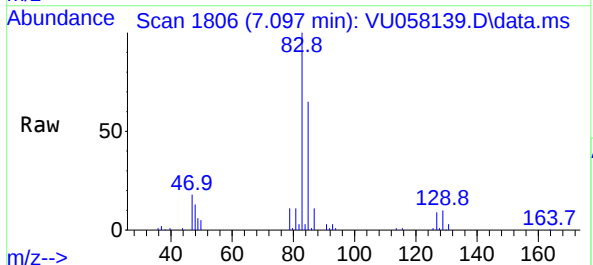
Instrument :
MSVOA_U
ClientSampleId :

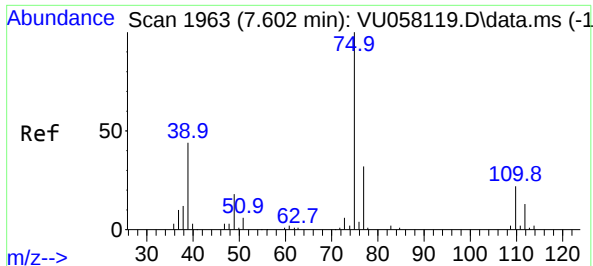
Tgt Ion: 63 Resp: 54293
Ion Ratio Lower Upper
63 100
112 3.4 3.0 4.4



#38
Bromodichloromethane
Concen: 5.576 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.003 min
Lab File: VU058139.D
Acq: 15 Mar 2024 19:53

Tgt Ion: 83 Resp: 66171
Ion Ratio Lower Upper
83 100
85 64.5 44.5 82.7
127 8.7 6.6 9.8

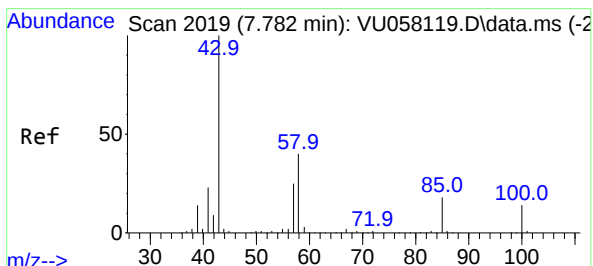
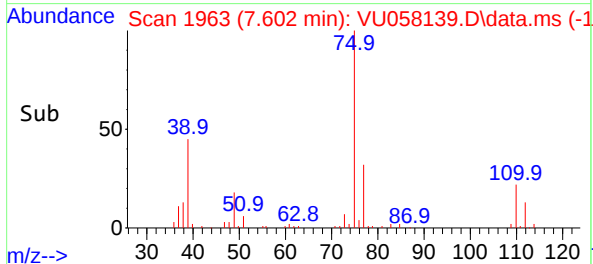
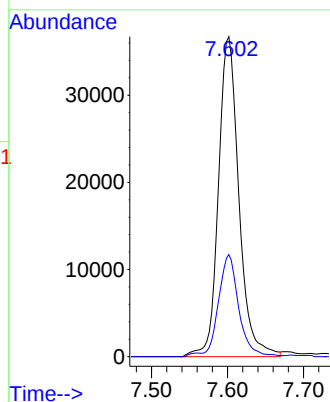
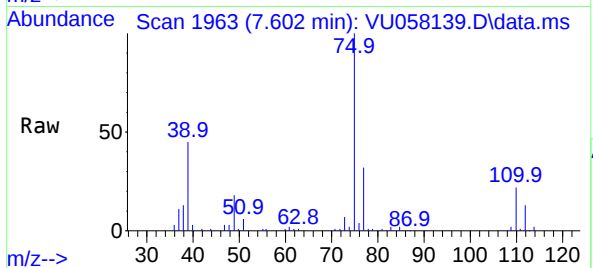




#39
cis-1,3-Dichloropropene
Concen: 5.091 ug/L
RT: 7.602 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VU058119.D
Acq: 15 Mar 2024 19:53

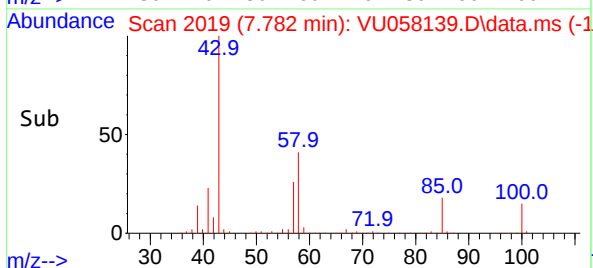
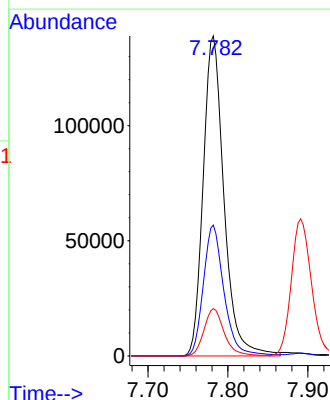
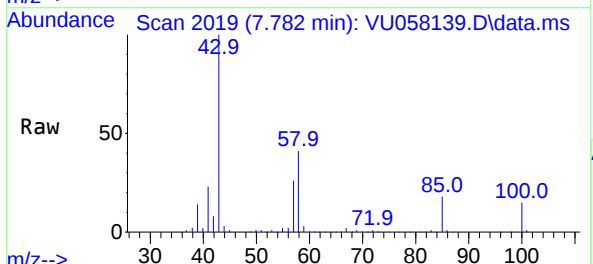
Instrument :
MSVOA_U
ClientSampleId :

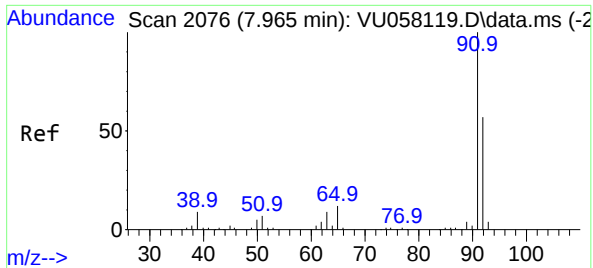
Tgt Ion: 75 Resp: 68603
Ion Ratio Lower Upper
75 100
77 31.9 22.3 41.5



#40
4-Methyl-2-pentanone
Concen: 55.923 ug/L
RT: 7.782 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VU058139.D
Acq: 15 Mar 2024 19:53

Tgt Ion: 43 Resp: 251637
Ion Ratio Lower Upper
43 100
58 40.6 31.7 47.5
100 14.5 11.3 16.9

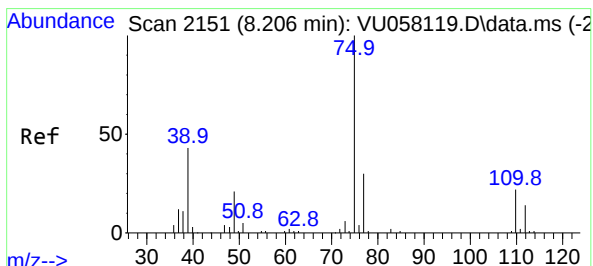
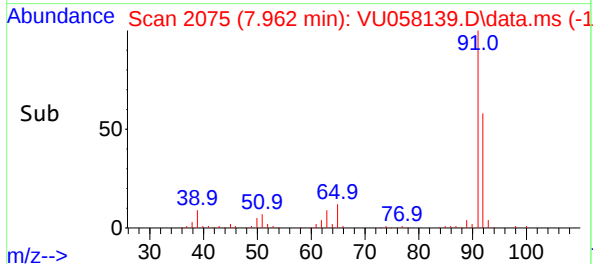
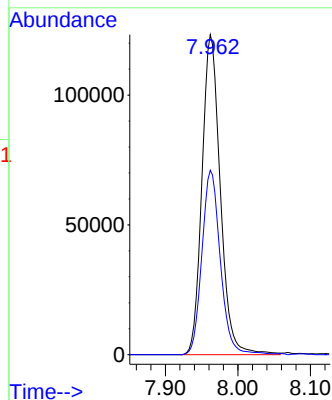
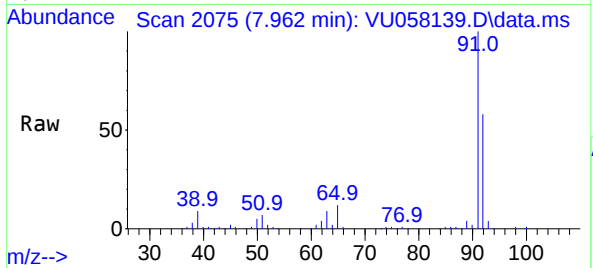




#42
Toluene
Concen: 5.487 ug/L
RT: 7.962 min Scan# 2076
Delta R.T. -0.000 min
Lab File: VU058139.D
Acq: 15 Mar 2024 19:53

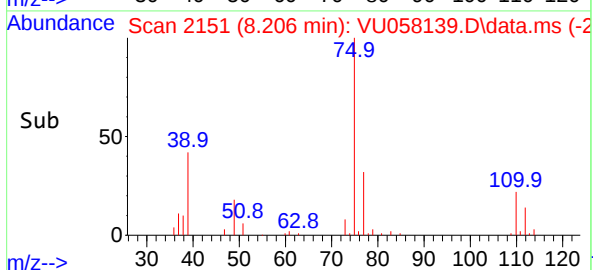
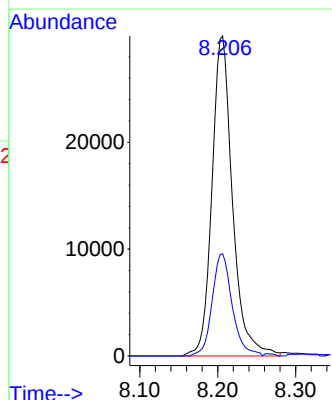
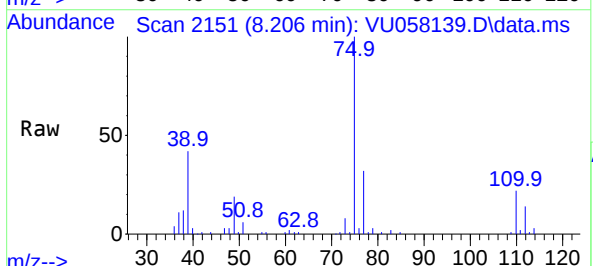
Instrument :
MSVOA_U
ClientSampleId :

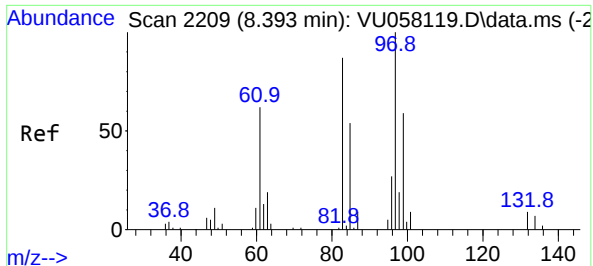
Tgt Ion: 91 Resp: 216749
Ion Ratio Lower Upper
91 100
92 57.6 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 5.104 ug/L
RT: 8.206 min Scan# 2151
Delta R.T. -0.000 min
Lab File: VU058139.D
Acq: 15 Mar 2024 19:53

Tgt Ion: 75 Resp: 54819
Ion Ratio Lower Upper
75 100
77 32.0 23.1 42.9



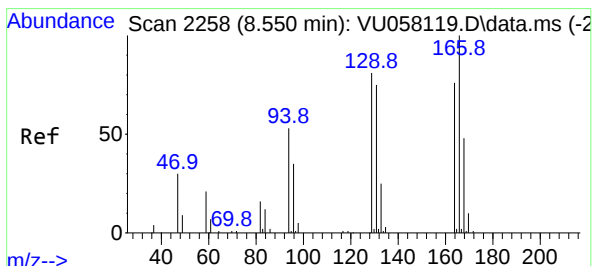
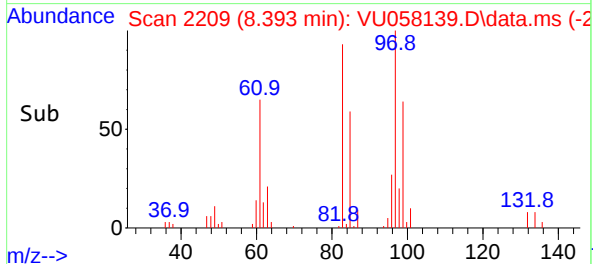
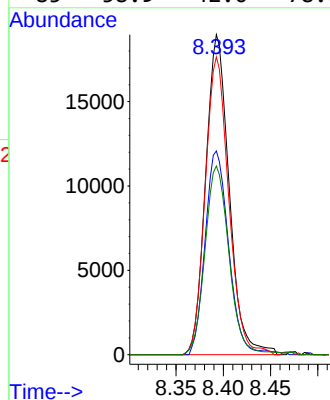
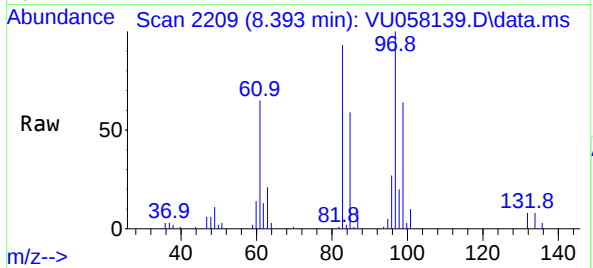


#45
1,1,2-Trichloroethane
Concen: 5.655 ug/L
RT: 8.393 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU058139.D
Acq: 15 Mar 2024 19:53

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 32799

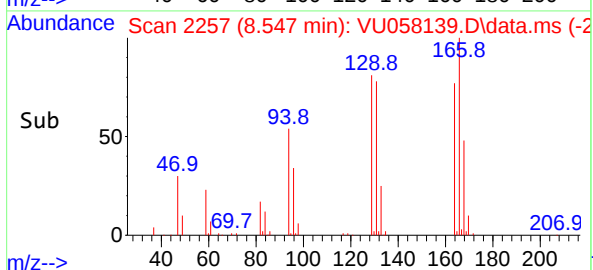
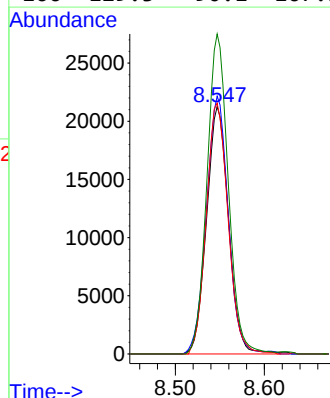
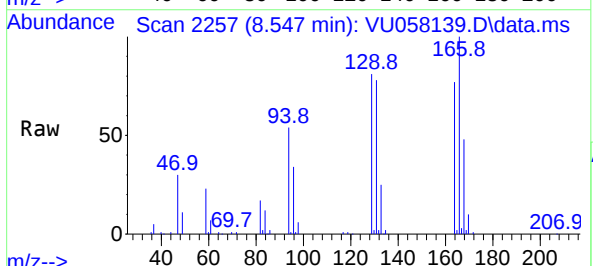
Ion	Ratio	Lower	Upper
97	100		
99	63.6	44.2	82.2
83	93.0	64.2	119.2
85	58.9	42.0	78.0

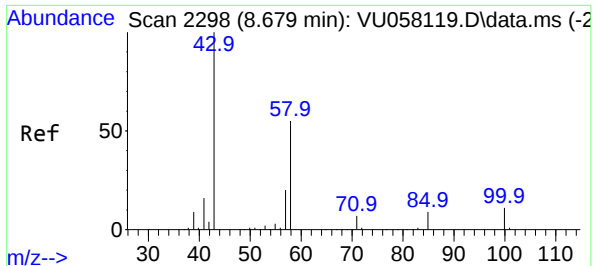


#47
Tetrachloroethene
Concen: 5.244 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU058139.D
Acq: 15 Mar 2024 19:53

Tgt Ion:164 Resp: 36315

Ion	Ratio	Lower	Upper
164	100		
129	104.2	69.3	128.7
131	101.3	69.9	129.9
166	129.3	90.1	167.3

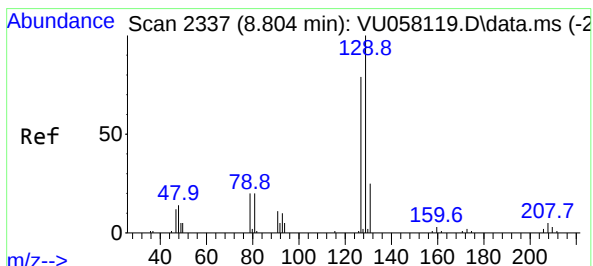
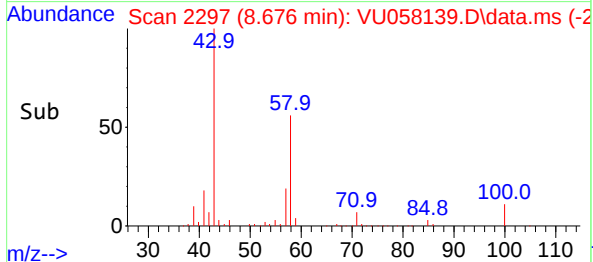
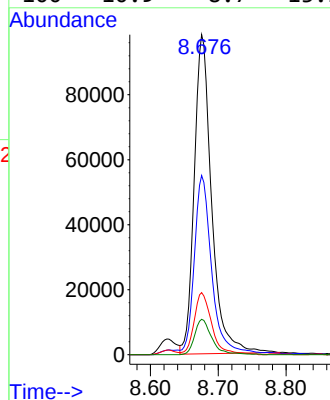
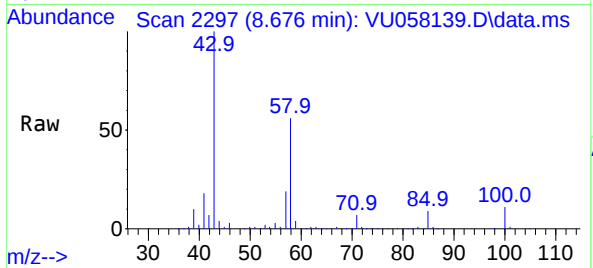




#48
2-Hexanone
Concen: 53.157 ug/L
RT: 8.676 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU058139.D
Acq: 15 Mar 2024 19:53

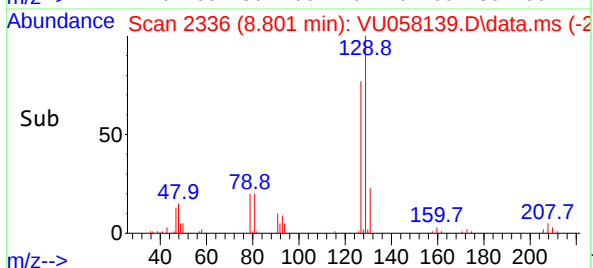
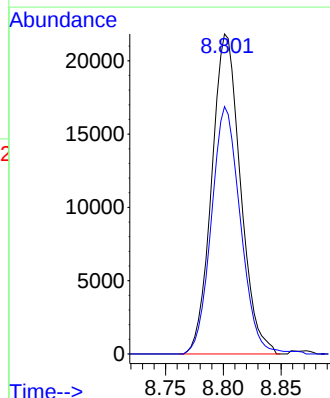
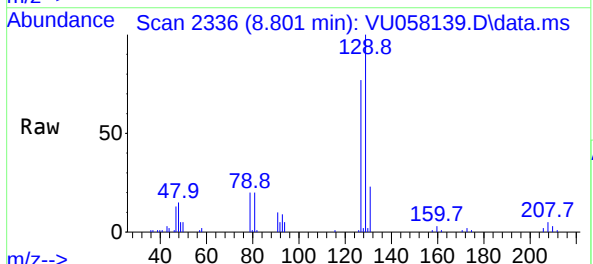
Instrument :
MSVOA_U
ClientSampleId :

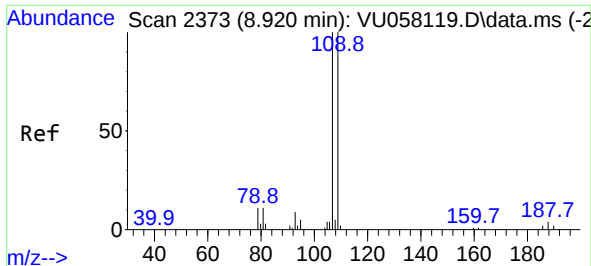
Tgt Ion: 43 Resp: 175411
Ion Ratio Lower Upper
43 100
58 54.7 43.3 64.9
57 19.8 15.2 22.8
100 10.9 8.7 13.1



#49
Dibromochloromethane
Concen: 5.508 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.003 min
Lab File: VU058139.D
Acq: 15 Mar 2024 19:53

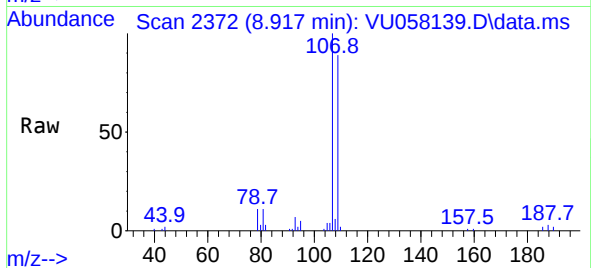
Tgt Ion:129 Resp: 37812
Ion Ratio Lower Upper
129 100
127 77.3 55.2 102.6



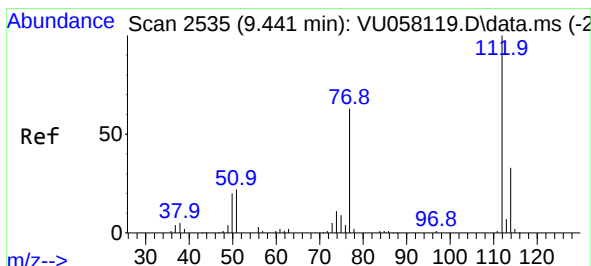
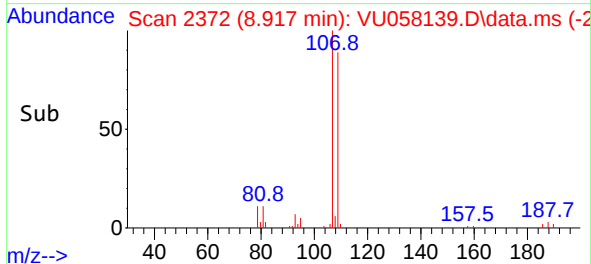
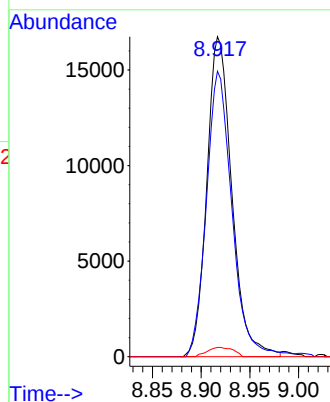


#50
1,2-Dibromoethane
Concen: 5.807 ug/L
RT: 8.917 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU058119.D
Acq: 15 Mar 2024 19:53

Instrument :
MSVOA_U
ClientSampleId :

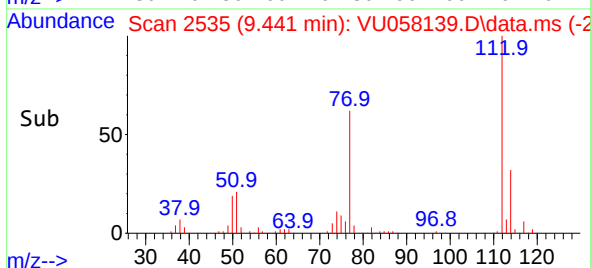
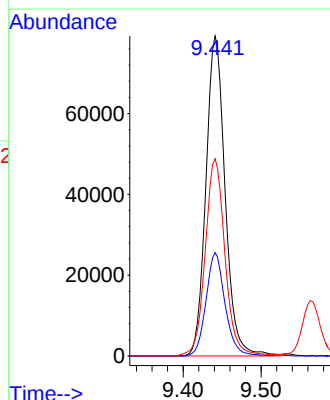
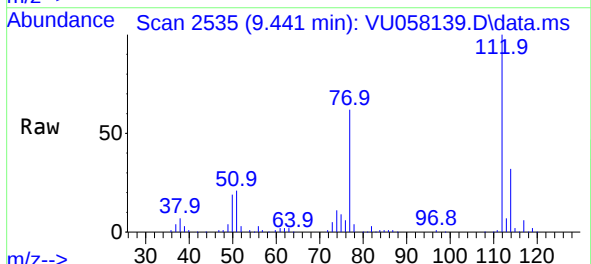


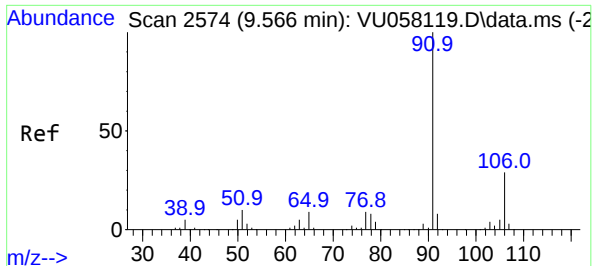
Tgt Ion:107 Resp: 29891
Ion Ratio Lower Upper
107 100
109 89.2 67.8 125.8
188 2.9 2.4 3.6



#51
Chlorobenzene
Concen: 5.482 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU058119.D
Acq: 15 Mar 2024 19:53

Tgt Ion:112 Resp: 135812
Ion Ratio Lower Upper
112 100
114 32.3 22.7 42.1
77 61.7 52.3 78.5

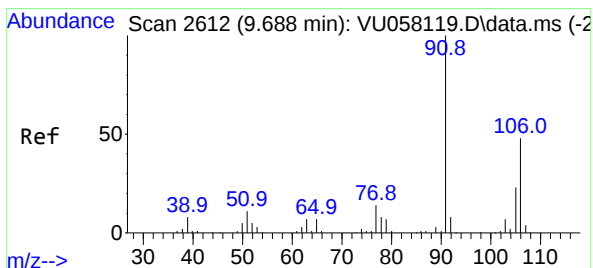
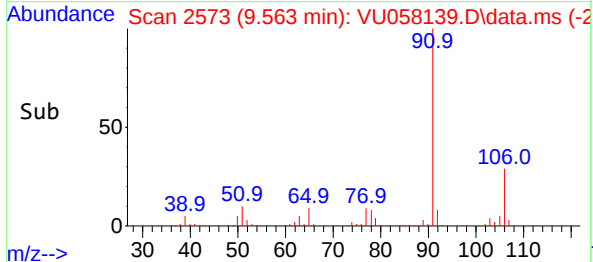
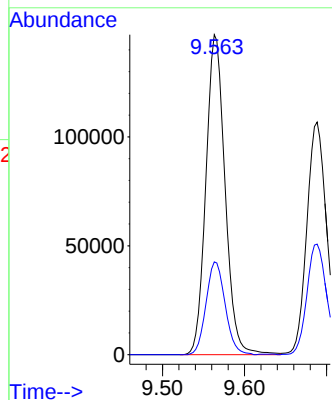
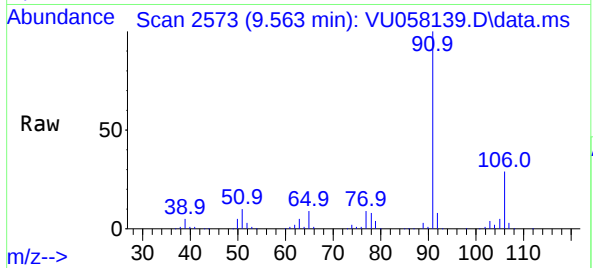




#52
Ethylbenzene
Concen: 5.392 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU058139.D
Acq: 15 Mar 2024 19:53

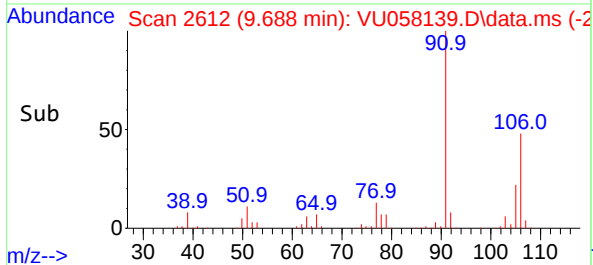
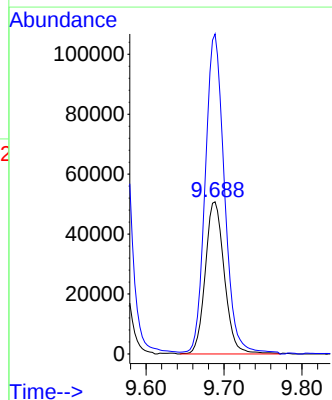
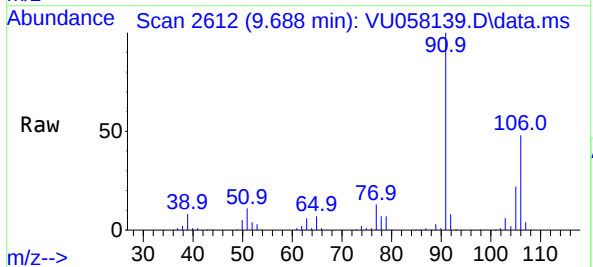
Instrument :
MSVOA_U
ClientSampleId :

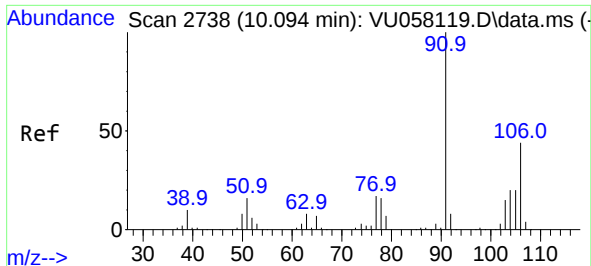
Tgt Ion: 91 Resp: 238353
Ion Ratio Lower Upper
91 100
106 29.0 20.9 38.7



#53
m,p-Xylene
Concen: 5.473 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU058139.D
Acq: 15 Mar 2024 19:53

Tgt Ion:106 Resp: 86436
Ion Ratio Lower Upper
106 100
91 210.2 148.8 276.4

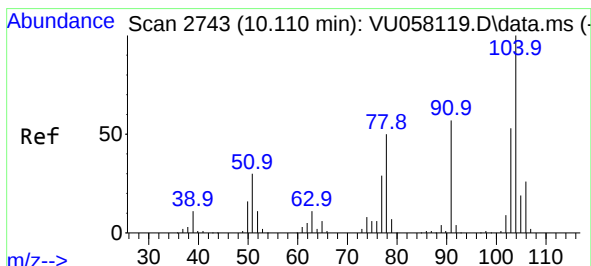
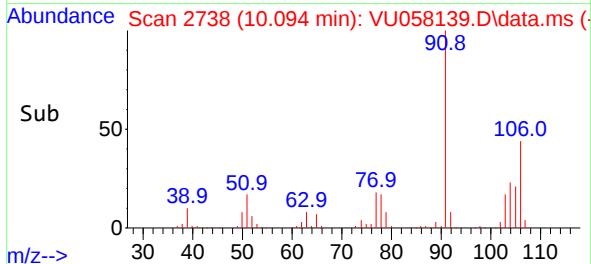
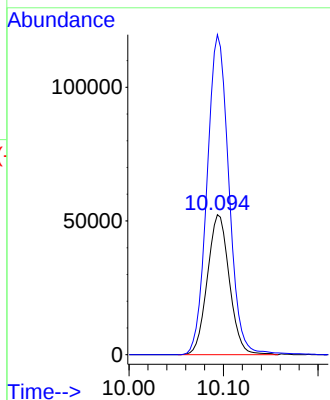
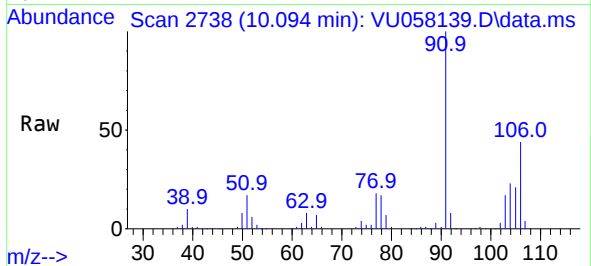




#54
o-Xylene
Concen: 5.373 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU058139.D
Acq: 15 Mar 2024 19:53

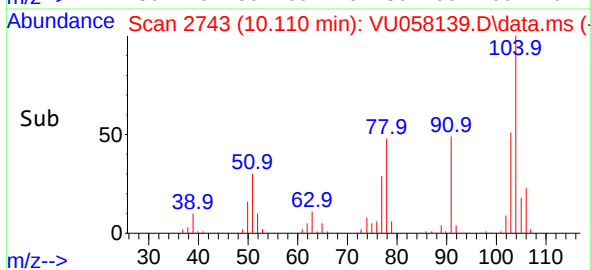
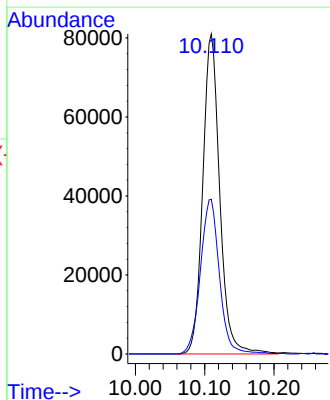
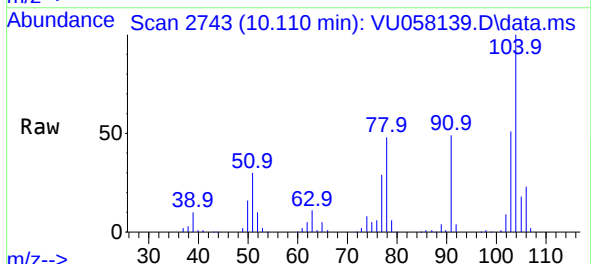
Instrument :
MSVOA_U
ClientSampleId :

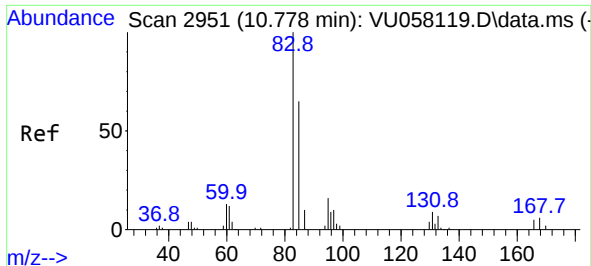
Tgt Ion:106 Resp: 84576
Ion Ratio Lower Upper
106 100
91 228.5 158.3 294.1



#55
Styrene
Concen: 5.570 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU058139.D
Acq: 15 Mar 2024 19:53

Tgt Ion:104 Resp: 137606
Ion Ratio Lower Upper
104 100
78 48.3 34.2 63.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.716 ug/L

RT: 10.775 min Scan# 2951

Delta R.T. -0.000 min

Lab File: VU058139.D

Acq: 15 Mar 2024 19:53

Instrument :

MSVOA_U

ClientSampleId :

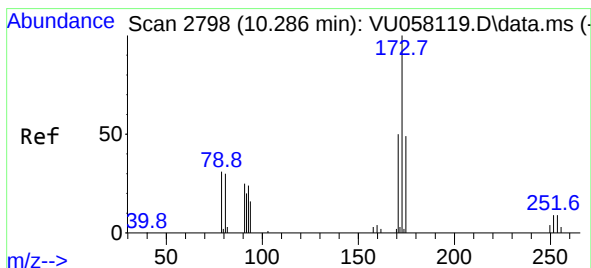
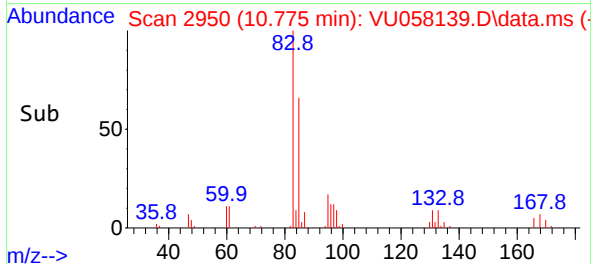
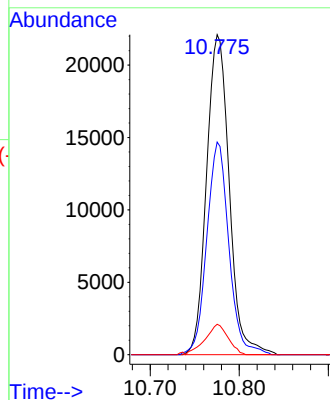
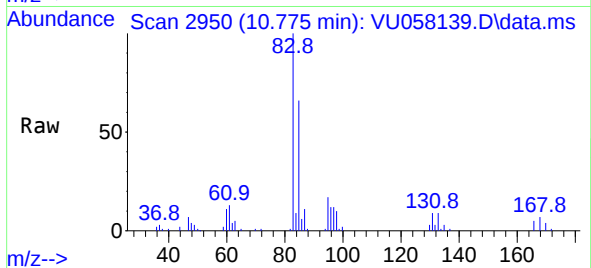
Tgt Ion: 83 Resp: 39056

Ion Ratio Lower Upper

83 100

85 66.5 44.0 81.6

131 9.5 6.9 10.3



#59

Bromoform

Concen: 5.639 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.003 min

Lab File: VU058139.D

Acq: 15 Mar 2024 19:53

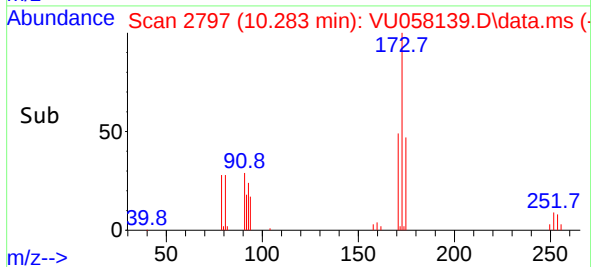
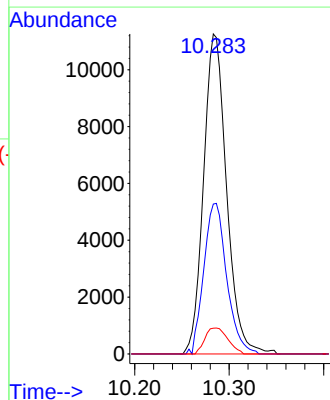
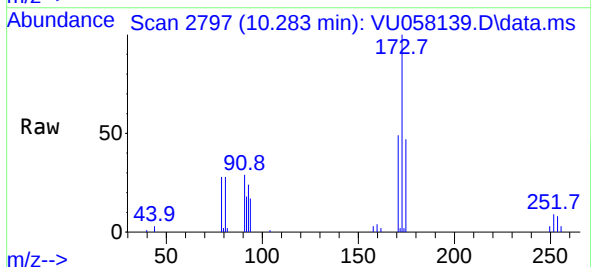
Tgt Ion:173 Resp: 19048

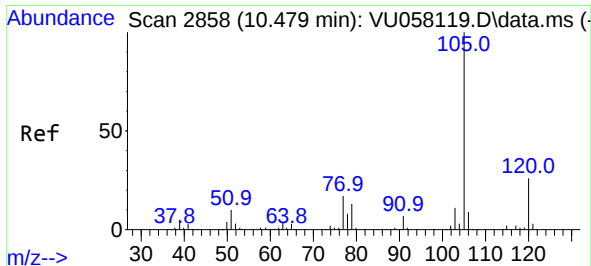
Ion Ratio Lower Upper

173 100

175 46.8 38.6 57.8

254 8.1 7.3 10.9

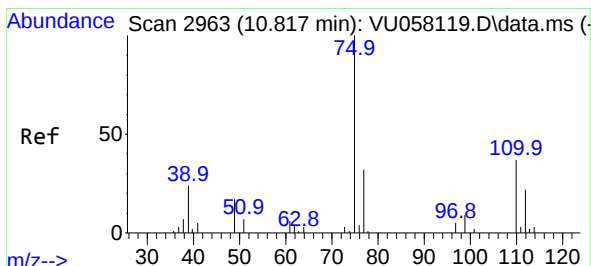
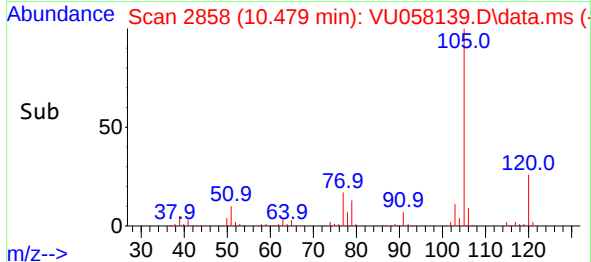
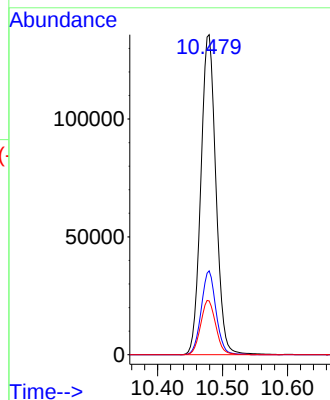
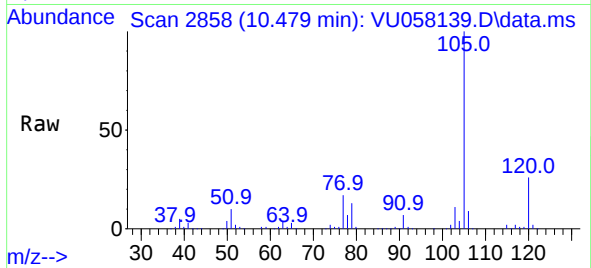




#60
Isopropylbenzene
Concen: 5.436 ug/L
RT: 10.479 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU058139.D
Acq: 15 Mar 2024 19:53

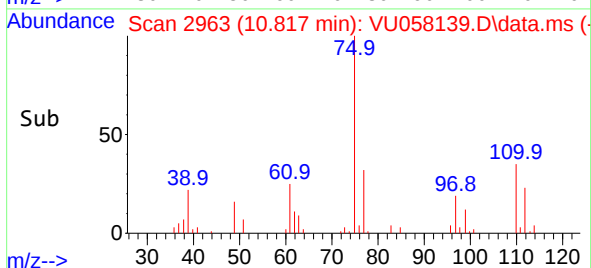
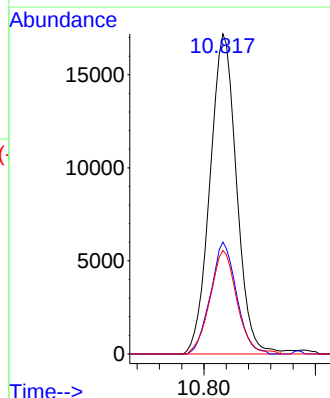
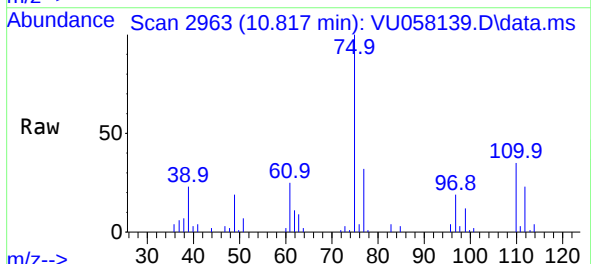
Instrument :
MSVOA_U
ClientSampleId :

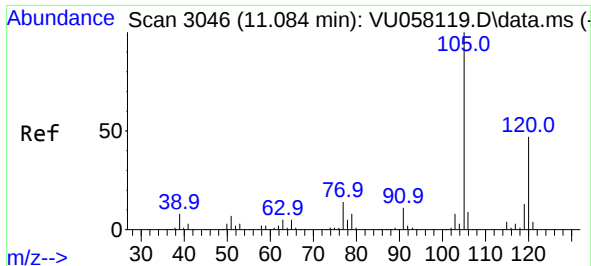
Tgt Ion:105 Resp: 219298
Ion Ratio Lower Upper
105 100
120 25.7 20.4 30.6
77 17.0 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 5.727 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU058139.D
Acq: 15 Mar 2024 19:53

Tgt Ion: 75 Resp: 28415
Ion Ratio Lower Upper
75 100
110 34.3 28.0 42.0
77 32.7 24.7 37.1

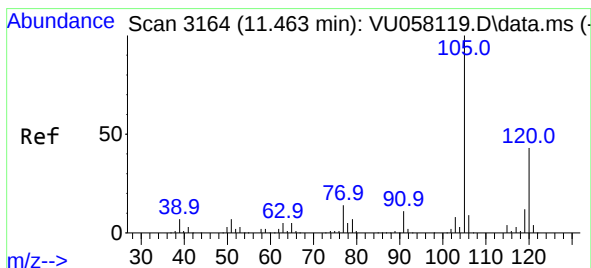
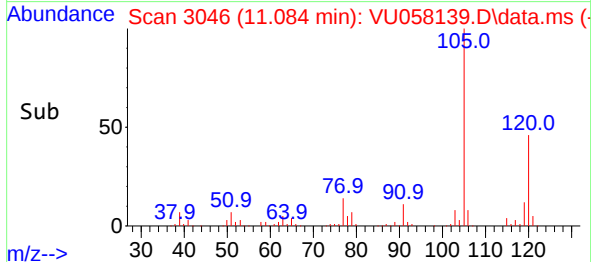
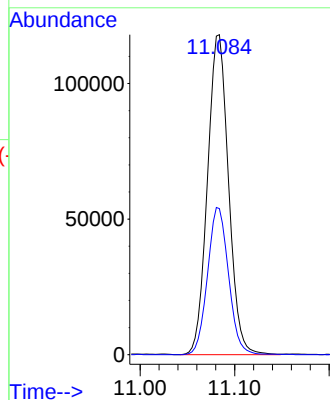
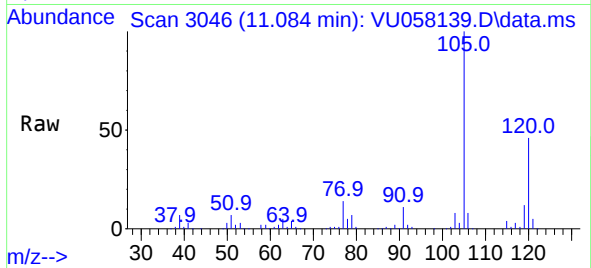




#62
1,3,5-Trimethylbenzene
Concen: 5.377 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU058139.D
Acq: 15 Mar 2024 19:53

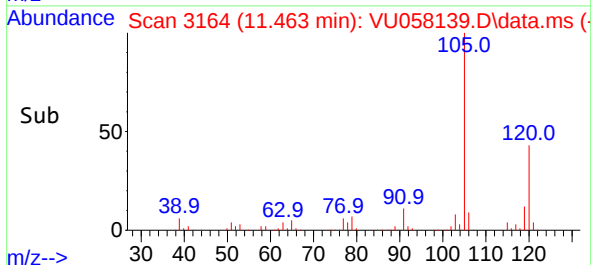
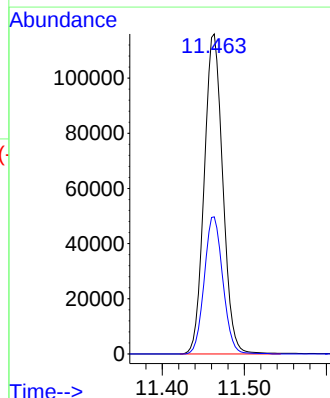
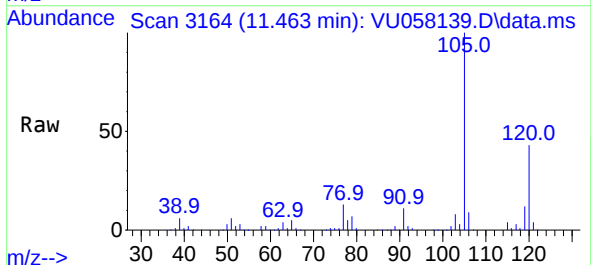
Instrument :
MSVOA_U
ClientSampleId :

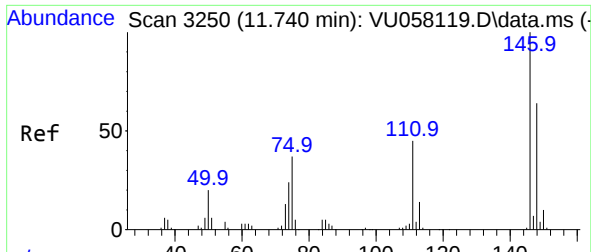
Tgt Ion:105 Resp: 182934
Ion Ratio Lower Upper
105 100
120 45.9 37.1 55.7



#63
1,2,4-Trimethylbenzene
Concen: 5.431 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU058139.D
Acq: 15 Mar 2024 19:53

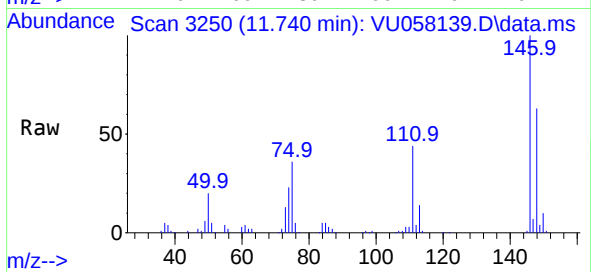
Tgt Ion:105 Resp: 182365
Ion Ratio Lower Upper
105 100
120 42.8 34.8 52.2



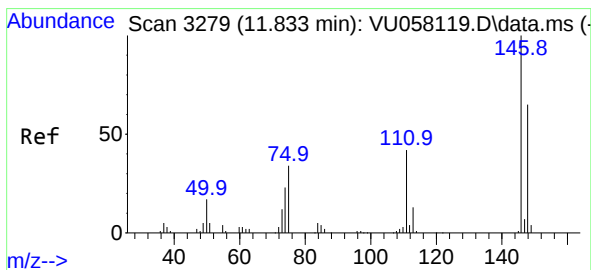
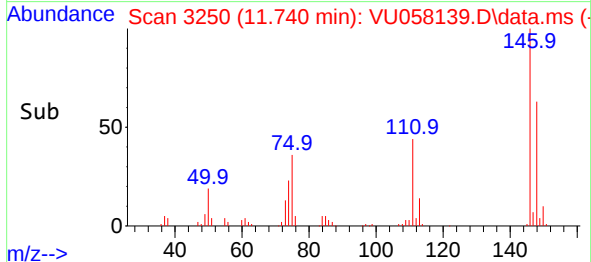
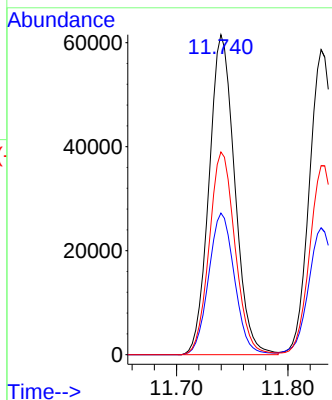


#64
1,3-Dichlorobenzene
Concen: 5.383 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU058139.D
Acq: 15 Mar 2024 19:53

Instrument :
MSVOA_U
ClientSampleId :

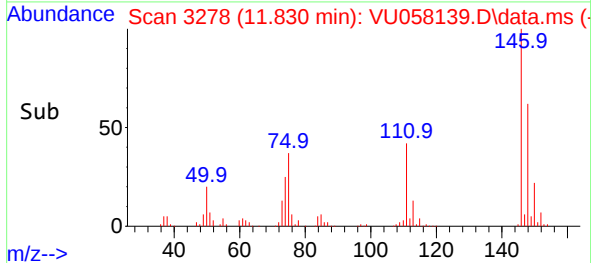
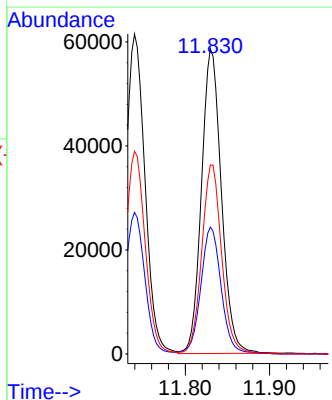
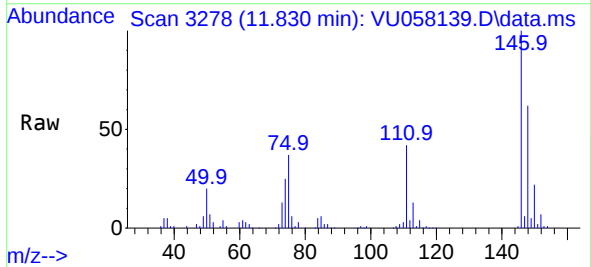


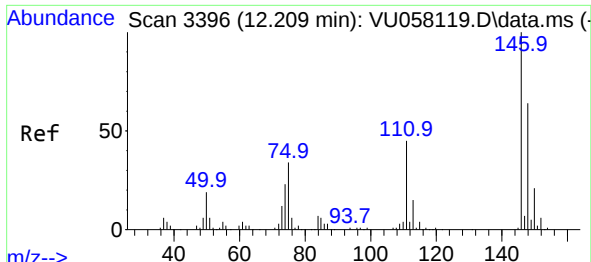
Tgt Ion:146 Resp: 98693
Ion Ratio Lower Upper
146 100
111 44.3 30.9 57.5
148 63.4 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 5.376 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU058139.D
Acq: 15 Mar 2024 19:53

Tgt Ion:146 Resp: 96490
Ion Ratio Lower Upper
146 100
111 41.6 30.1 55.9
148 61.9 45.0 83.6





#67

1,2-Dichlorobenzene

Concen: 5.573 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.000 min

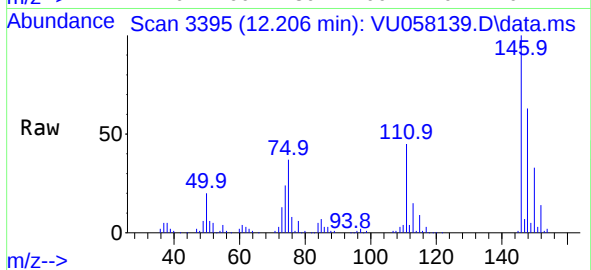
Lab File: VU058139.D

Acq: 15 Mar 2024 19:53

Instrument :

MSVOA_U

ClientSampleId :



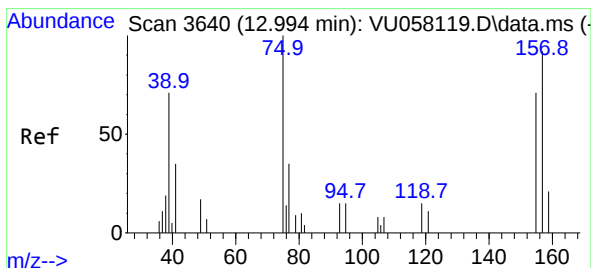
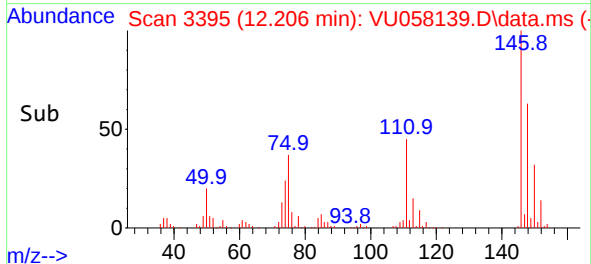
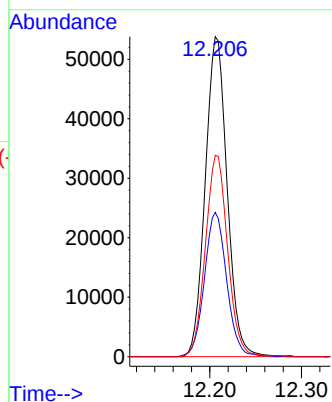
Tgt Ion:146 Resp: 89209

Ion Ratio Lower Upper

146 100

111 45.1 37.4 56.0

148 62.9 50.8 76.2



#68

1,2-Dibromo-3-chloropropane

Concen: 5.446 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.003 min

Lab File: VU058139.D

Acq: 15 Mar 2024 19:53

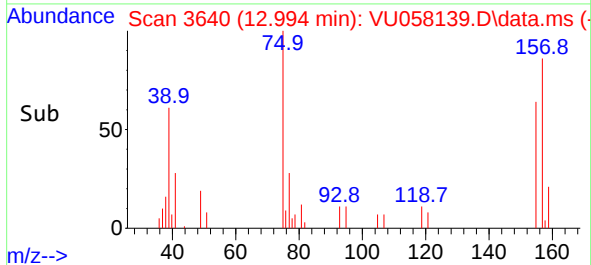
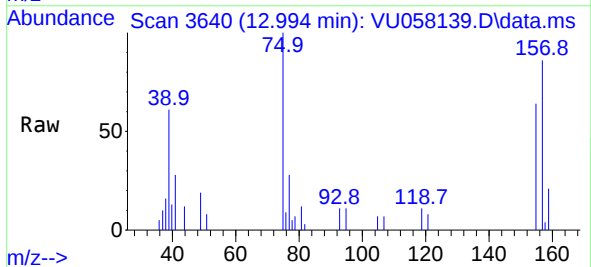
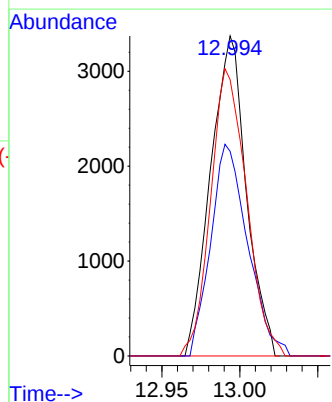
Tgt Ion: 75 Resp: 5361

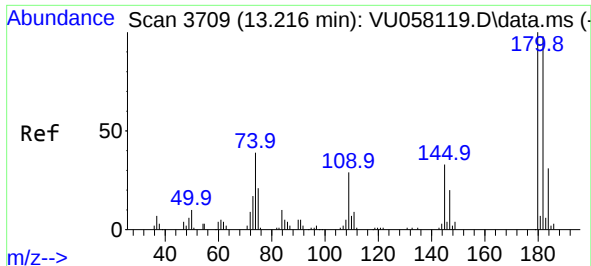
Ion Ratio Lower Upper

75 100

155 64.0 61.0 91.6

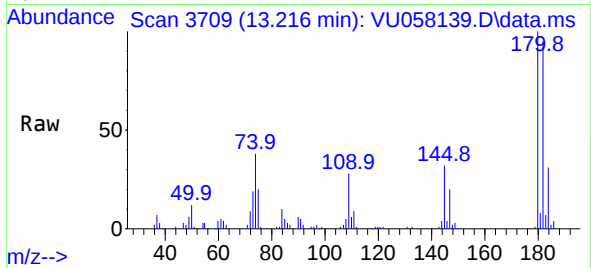
157 86.3 74.6 112.0





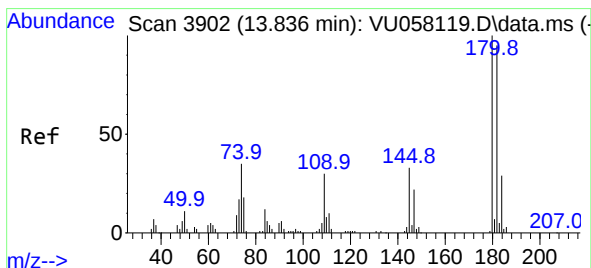
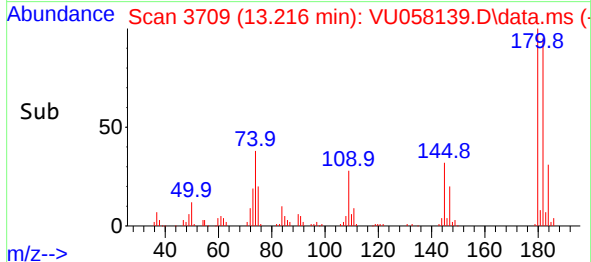
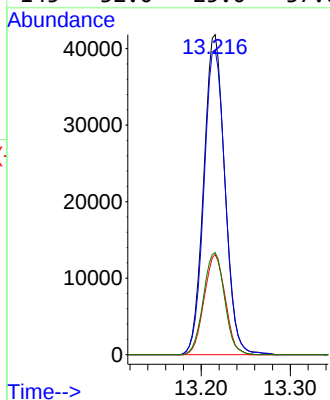
#69
 1,3,5-Trichlorobenzene
 Concen: 5.226 ug/L
 RT: 13.216 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU058139.D
 Acq: 15 Mar 2024 19:53

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 68927

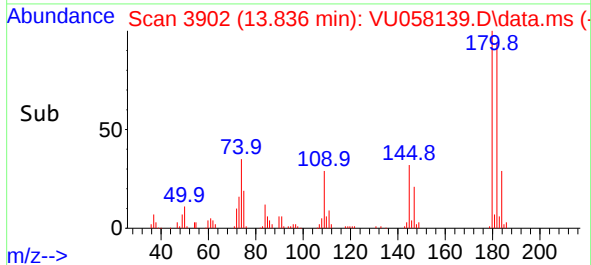
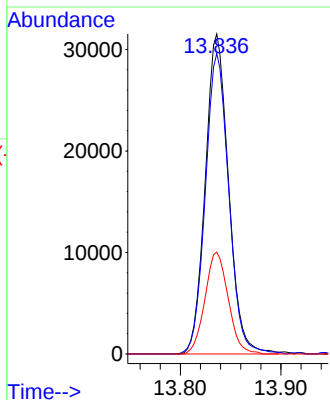
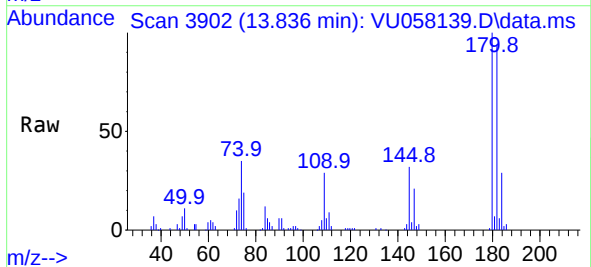
Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.3	114.5
184	31.1	24.6	36.8
145	32.0	25.0	37.6

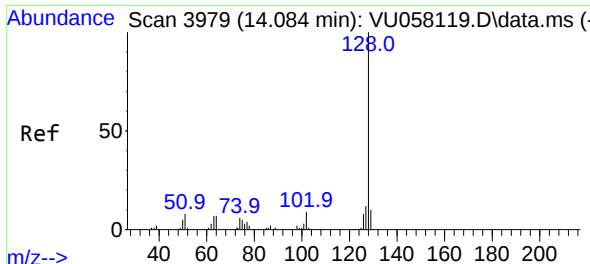


#70
 1,2,4-trichlorobenzene
 Concen: 5.118 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. -0.000 min
 Lab File: VU058139.D
 Acq: 15 Mar 2024 19:53

Tgt Ion:180 Resp: 50720

Ion	Ratio	Lower	Upper
180	100		
182	94.4	77.9	116.9
145	31.7	25.8	38.8

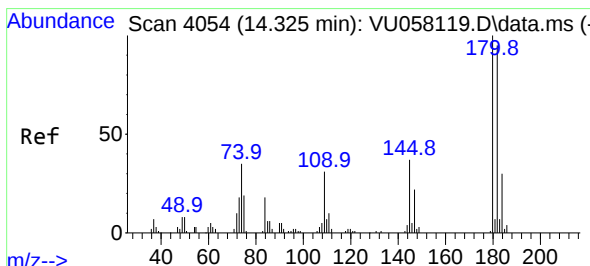
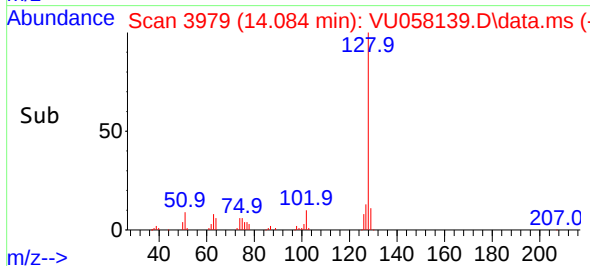
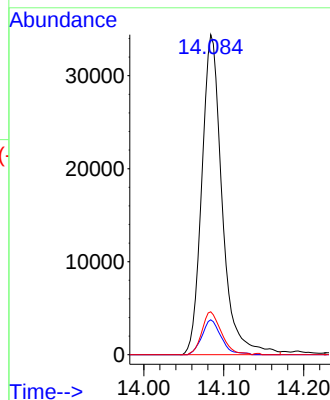
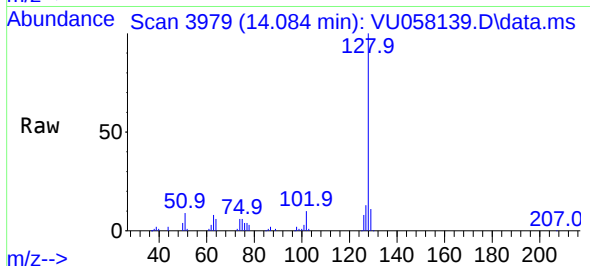




#71
Naphthalene
Concen: 4.507 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU058139.D
Acq: 15 Mar 2024 19:53

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	128	Resp:	60997
Ion Ratio	Lower	Upper	
128	100		
129	10.3	9.0	13.6
127	12.8	10.6	16.0



#72
1,2,3-Trichlorobenzene
Concen: 5.065 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU058139.D
Acq: 15 Mar 2024 19:53

Tgt Ion:	180	Resp:	39650
Ion Ratio	Lower	Upper	
180	100		
182	95.6	77.6	116.4
145	33.7	28.7	43.1

