

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061724\
 Data File : VU059270.D
 Acq On : 17 Jun 2024 10:02
 Operator : MD/SY
 Sample : VSTD00169
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 17 10:57:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 17 10:14:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	105802	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	109129	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	51675	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	7323	1.143	ug/L	0.00
7) Chloroethane-d5	1.907	69	7097	1.225	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	2885	1.105	ug/L	0.00
20) 2-Butanone-d5	4.631	46	12905	7.745	ug/L	0.00
24) Chloroform-d	5.055	84	14669	1.133	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	7033	1.057	ug/L	0.00
32) Benzene-d6	5.721	84	27322	1.091	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.689	67	8514	1.020	ug/L	0.00
41) Toluene-d8	7.894	98	24736	1.085	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.180	79	2416	0.844	ug/L	0.00
46) 2-Hexanone-d5	8.631	63	8912	6.483	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	7087	0.983	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	8740	1.125	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	9230	1.192	ug/L	98
3) Chloromethane	1.515	50	10264	1.139	ug/L	98
5) Vinyl chloride	1.599	62	11253	1.165	ug/L	99
6) Bromomethane	1.853	94	7603	1.264	ug/L	99
8) Chloroethane	1.927	64	6791	1.107	ug/L	98
9) Trichlorofluoromethane	2.132	101	13312	1.075	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	8473	1.129	ug/L	95
12) 1,1-Dichloroethene	2.573	96	7788	1.182	ug/L	77
13) Acetone	2.624	43	9907	8.602	ug/L	94
14) Carbon disulfide	2.785	76	26208	1.255	ug/L	97
15) Methyl Acetate	2.949	43	2588	0.904	ug/L	97
16) Methylene chloride	3.036	84	9106	1.018	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	16337	0.953	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	8055	1.161	ug/L	96
19) 1,1-Dichloroethane	3.859	63	15048	1.037	ug/L	100
21) 2-Butanone	4.711	43	14500	7.850	ug/L	86
22) cis-1,2-Dichloroethene	4.660	96	8518	1.066	ug/L	91
23) Bromochloromethane	4.968	128	4062	1.151	ug/L	88
25) Chloroform	5.084	83	15905	1.049	ug/L	100
27) 1,2-Dichloroethane	5.788	62	9465	1.022	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	12964	1.062	ug/L	96
30) Cyclohexane	5.380	56	10042	0.870	ug/L	94
31) Carbon tetrachloride	5.518	117	11049	1.086	ug/L	94
33) Benzene	5.769	78	33059	1.031	ug/L	100
34) Trichloroethene	6.541	95	9060	1.068	ug/L	94
35) Methylcyclohexane	6.756	83	11409	0.942	ug/L	99
37) 1,2-Dichloropropane	6.785	63	8329	0.915	ug/L #	96
38) Bromodichloromethane	7.100	83	10993	1.007	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	11190	0.902	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	35933	7.635	ug/L	97
42) Toluene	7.965	91	33756	1.009	ug/L	97
44) trans-1,3-Dichloropropene	8.209	75	8911	0.880	ug/L	94

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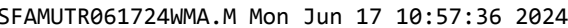
Quant Time: Jun 17 10:57:30 2024
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 Quant Title : TRACE VOA SFAM1.0
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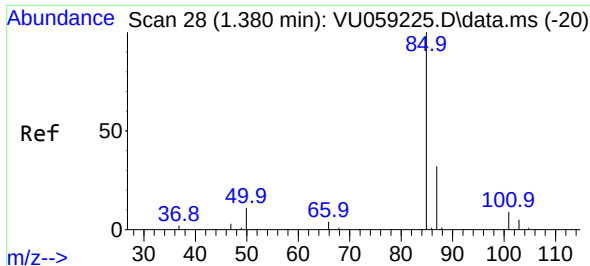
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.396	97	6576	1.027	ug/L	97
47) Tetrachloroethene	8.550	164	6733	1.114	ug/L	94
48) 2-Hexanone	8.682	43	24012	7.080	ug/L	97
49) Dibromochloromethane	8.804	129	6959	1.030	ug/L	98
50) 1,2-Dibromoethane	8.920	107	5810	1.026	ug/L #	90
51) Chlorobenzene	9.444	112	21788	1.022	ug/L	97
52) Ethylbenzene	9.566	91	32583	0.902	ug/L	98
53) m,p-Xylene	9.692	106	12162	0.920	ug/L	98
54) o-Xylene	10.097	106	11334	0.877	ug/L	96
55) Styrene	10.113	104	18554	0.853	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.778	83	7853	0.967	ug/L #	98
59) Bromoform	10.286	173	4061	1.075	ug/L	97
60) Isopropylbenzene	10.479	105	30016	0.907	ug/L	98
61) 1,2,3-Trichloropropane	10.820	75	5019	0.943	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	22466	0.852	ug/L	98
63) 1,2,4-Trimethylbenzene	11.467	105	19425	0.743	ug/L	96
64) 1,3-Dichlorobenzene	11.743	146	16728	1.039	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	16923	1.053	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	15476	1.029	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.997	75	828	0.774	ug/L	96
69) 1,3,5-Trichlorobenzene	13.219	180	11647	0.965	ug/L	99
70) 1,2,4-trichlorobenzene	13.839	180	8536	0.857	ug/L	97
71) Naphthalene	14.090	128	11118	0.741	ug/L	97
72) 1,2,3-Trichlorobenzene	14.328	180	8230	0.942	ug/L	93

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

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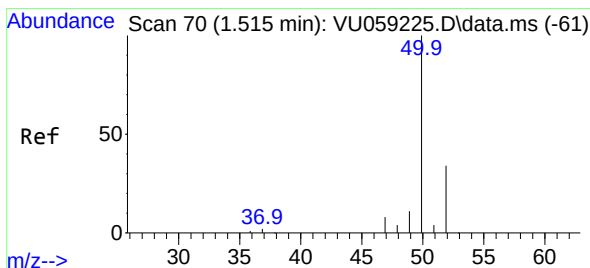
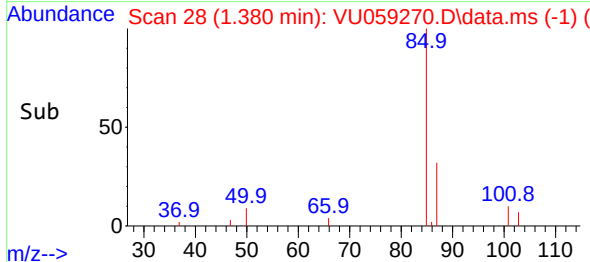
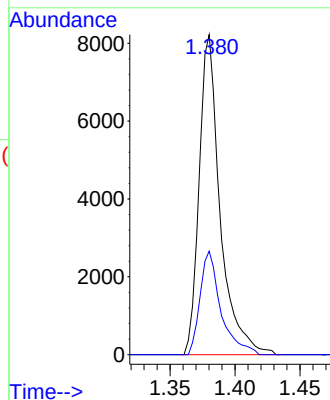
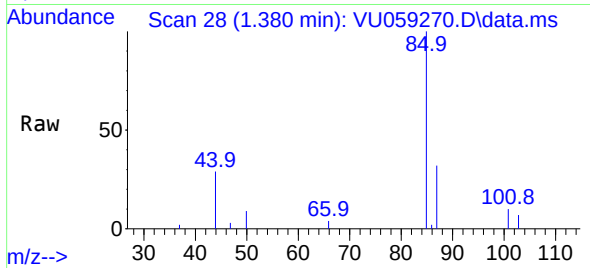




#2
Dichlorodifluoromethane
Concen: 1.192 ug/L
RT: 1.380 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU059270.D
Acq: 17 Jun 2024 10:02

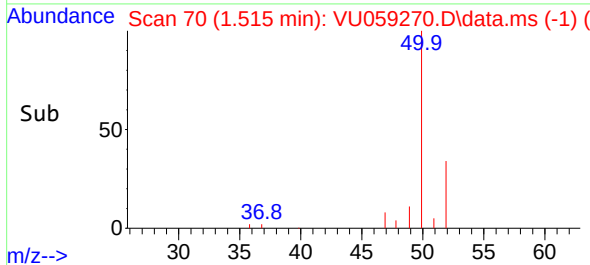
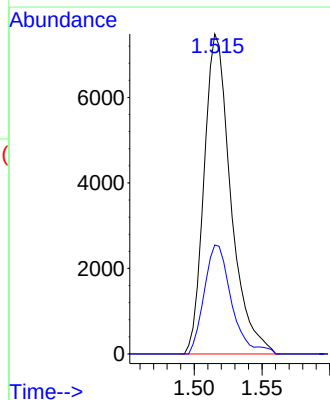
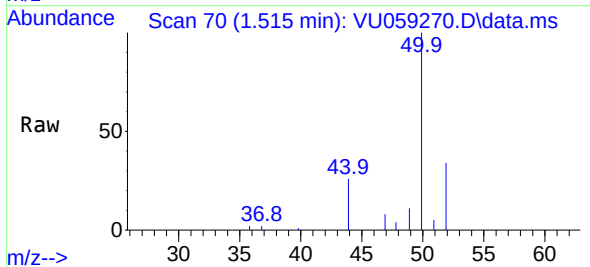
Instrument :
MSVOA_U
ClientSampleId :

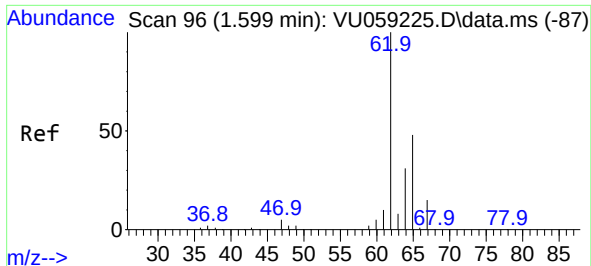
Tgt Ion: 85 Resp: 9230
Ion Ratio Lower Upper
85 100
87 32.1 26.6 40.0



#3
Chloromethane
Concen: 1.139 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU059270.D
Acq: 17 Jun 2024 10:02

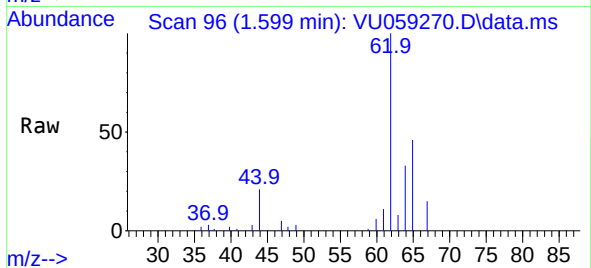
Tgt Ion: 50 Resp: 10264
Ion Ratio Lower Upper
50 100
52 34.1 23.2 43.0



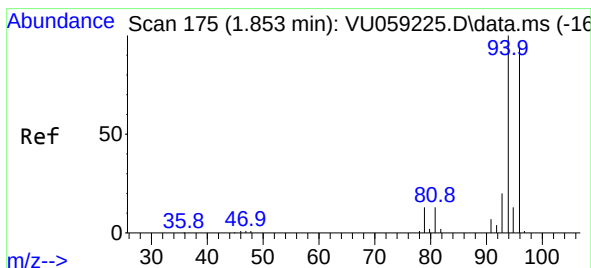
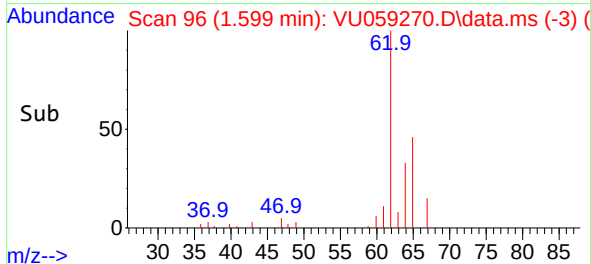
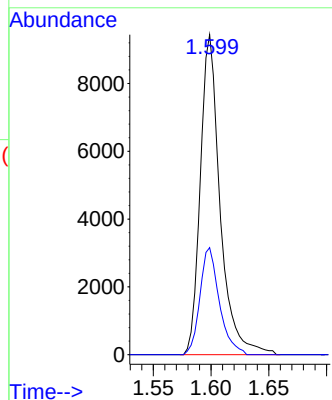


#5
 Vinyl chloride
 Concen: 1.165 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU059270.D
 Acq: 17 Jun 2024 10:02

Instrument :
 MSVOA_U
 ClientSampleId :

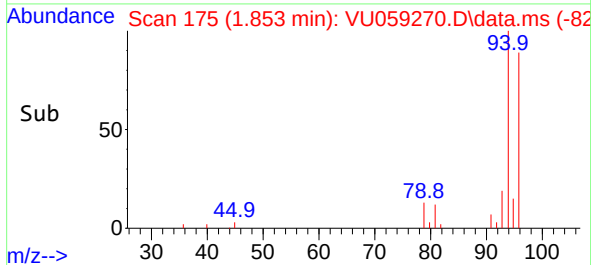
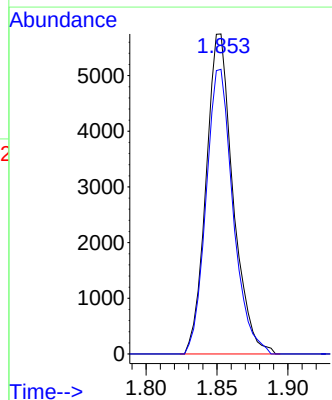
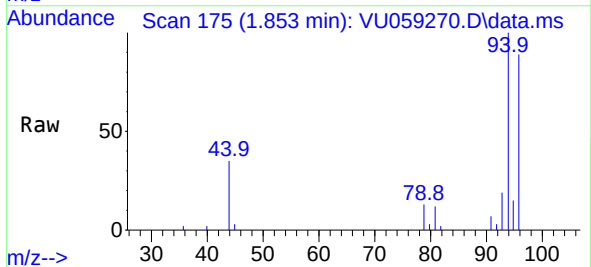


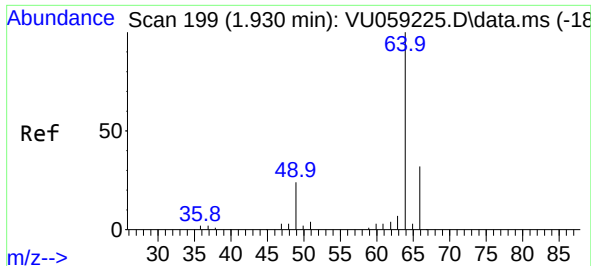
Tgt Ion: 62 Resp: 11253
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.1 42.9



#6
 Bromomethane
 Concen: 1.264 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.000 min
 Lab File: VU059270.D
 Acq: 17 Jun 2024 10:02

Tgt Ion: 94 Resp: 7603
 Ion Ratio Lower Upper
 94 100
 96 89.0 62.9 116.9

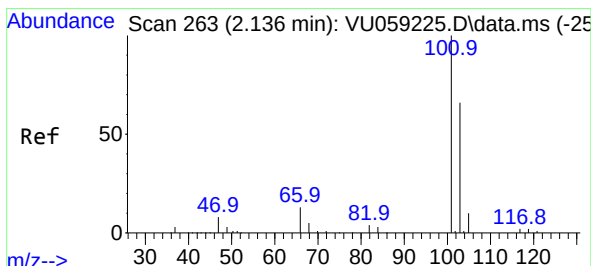
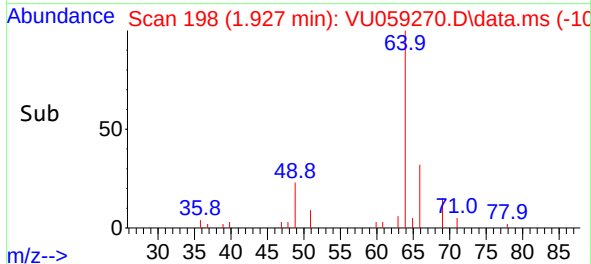
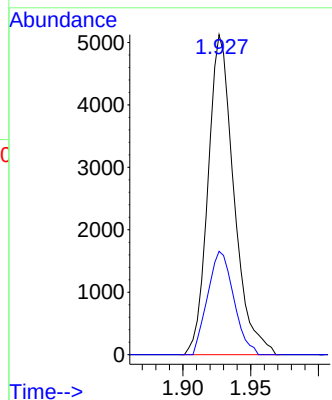
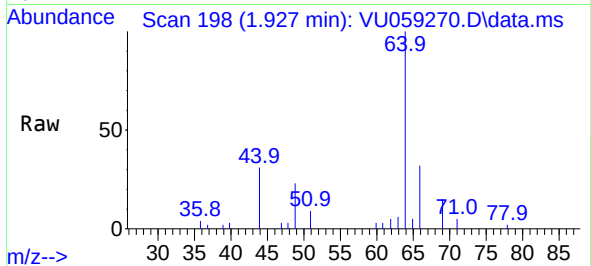




#8
Chloroethane
Concen: 1.107 ug/L
RT: 1.927 min Scan# 19
Delta R.T. -0.003 min
Lab File: VU059270.D
Acq: 17 Jun 2024 10:02

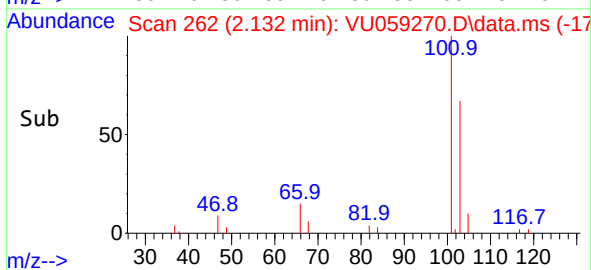
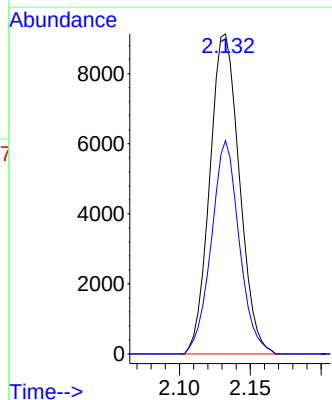
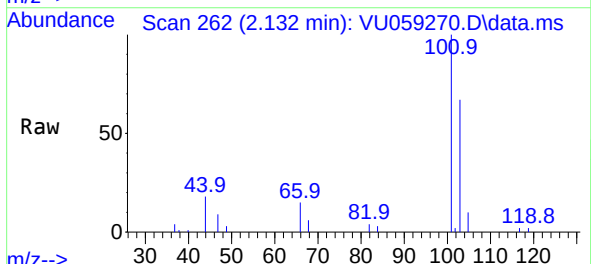
Instrument :
MSVOA_U
ClientSampleId :

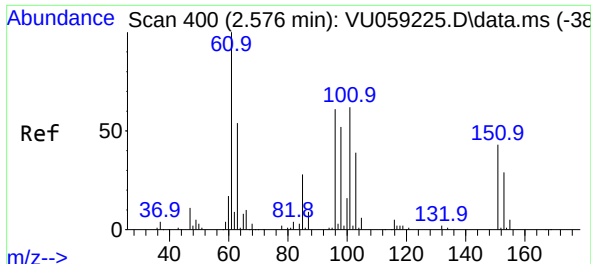
Tgt Ion: 64 Resp: 6791
Ion Ratio Lower Upper
64 100
66 32.3 23.2 43.2



#9
Trichlorofluoromethane
Concen: 1.075 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.003 min
Lab File: VU059270.D
Acq: 17 Jun 2024 10:02

Tgt Ion:101 Resp: 13312
Ion Ratio Lower Upper
101 100
103 63.0 52.6 79.0

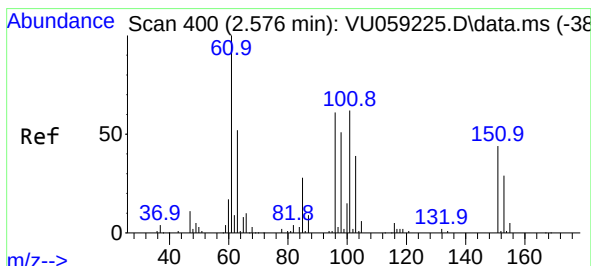
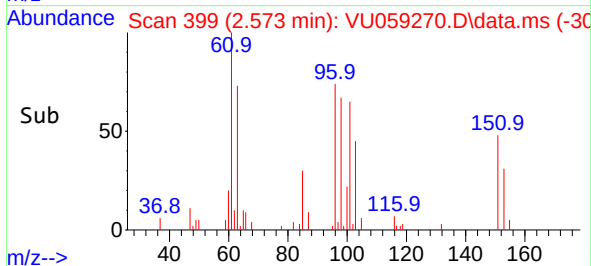
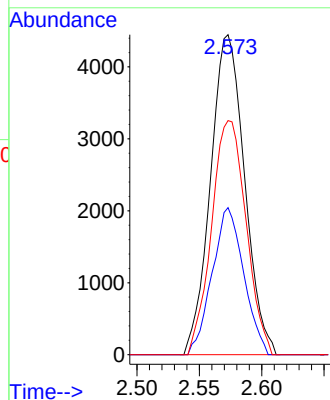
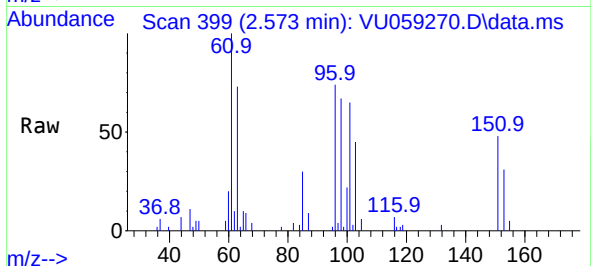




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.129 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU059270.D
Acq: 17 Jun 2024 10:02

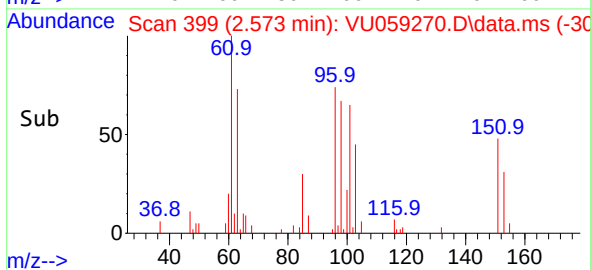
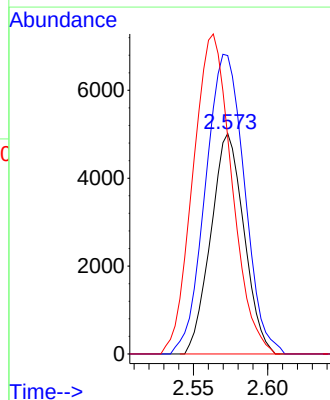
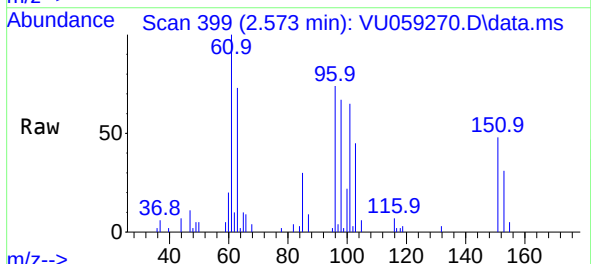
Instrument :
MSVOA_U
ClientSampleId :

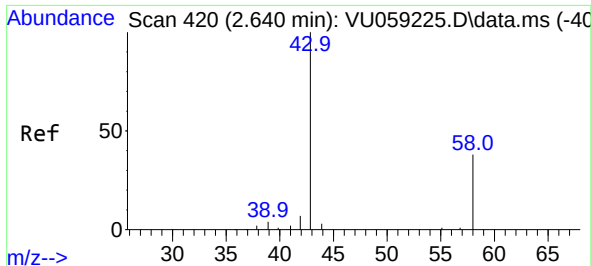
Tgt Ion:101 Resp: 8473
Ion Ratio Lower Upper
101 100
85 42.5 36.2 54.4
151 74.0 55.5 83.3



#12
1,1-Dichloroethene
Concen: 1.182 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU059270.D
Acq: 17 Jun 2024 10:02

Tgt Ion: 96 Resp: 7788
Ion Ratio Lower Upper
96 100
61 135.4 122.9 228.3
63 98.4 80.4 149.4





#13

Acetone

Concen: 8.602 ug/L

RT: 2.624 min Scan# 41

Delta R.T. -0.016 min

Lab File: VU059270.D

Acq: 17 Jun 2024 10:02

Instrument :

MSVOA_U

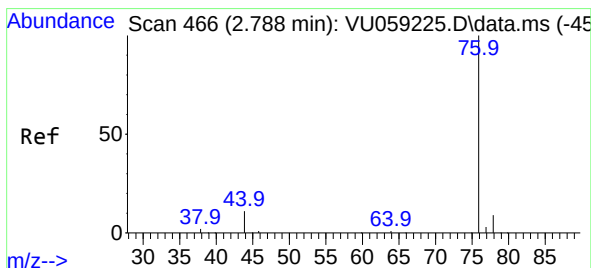
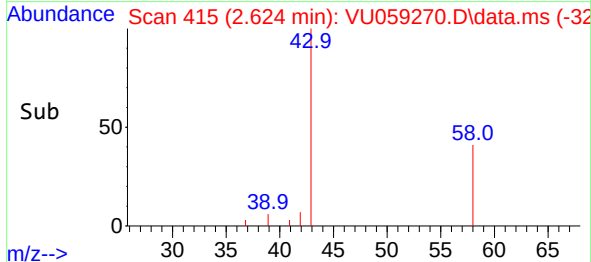
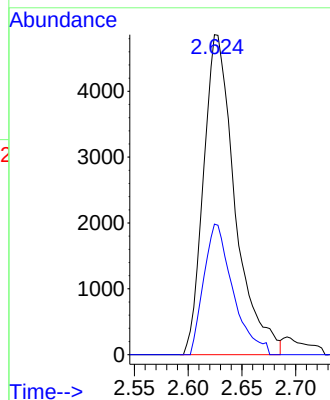
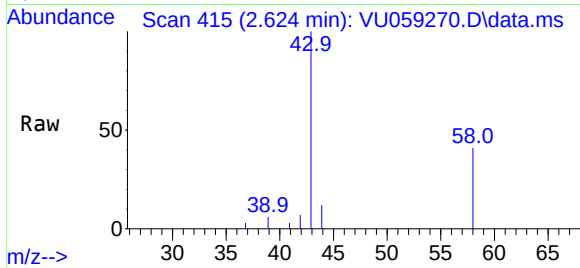
ClientSampleId :

Tgt Ion: 43 Resp: 9907

Ion Ratio Lower Upper

43 100

58 37.7 0.0 68.0



#14

Carbon disulfide

Concen: 1.255 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU059270.D

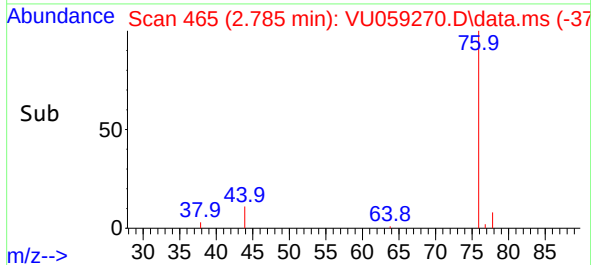
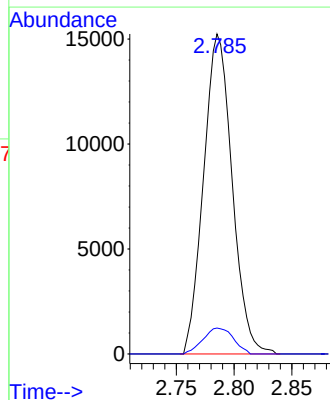
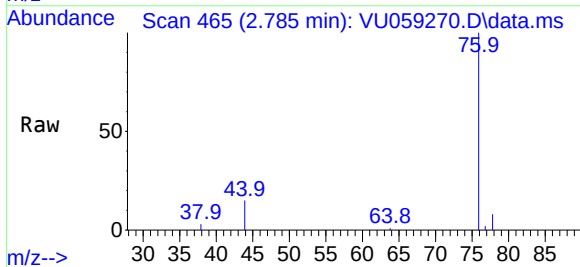
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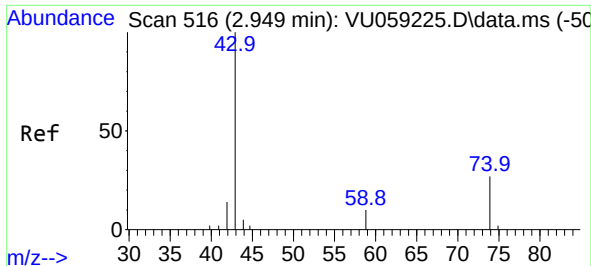
Tgt Ion: 76 Resp: 26208

Ion Ratio Lower Upper

76 100

78 8.1 7.3 10.9

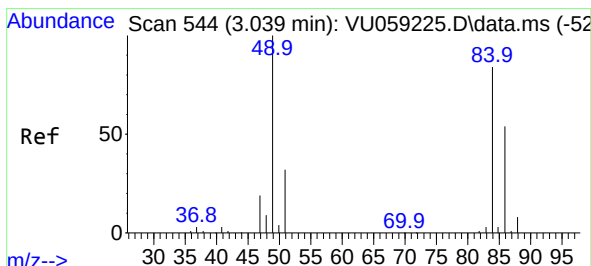
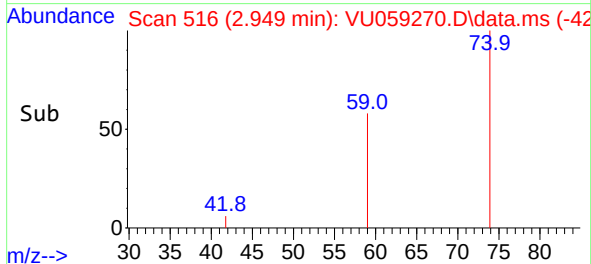
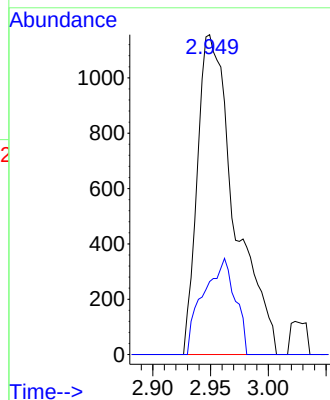
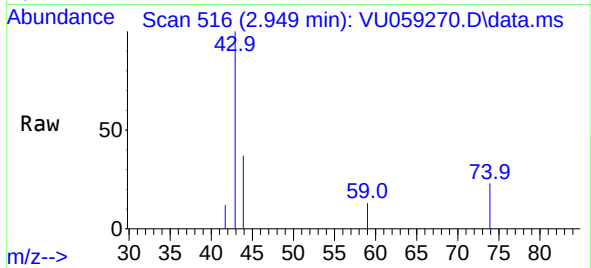




#15
Methyl Acetate
Concen: 0.904 ug/L
RT: 2.949 min Scan# 516
Delta R.T. 0.000 min
Lab File: VU059270.D
Acq: 17 Jun 2024 10:02

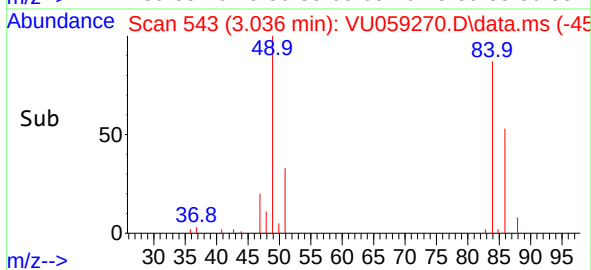
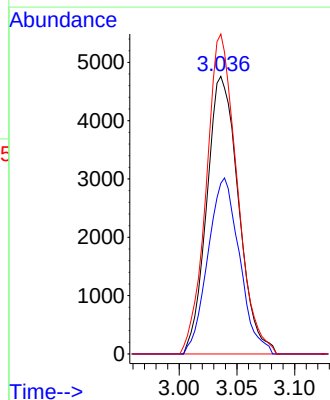
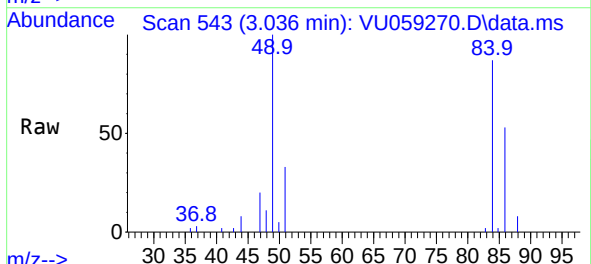
Instrument :
MSVOA_U
ClientSampleId :

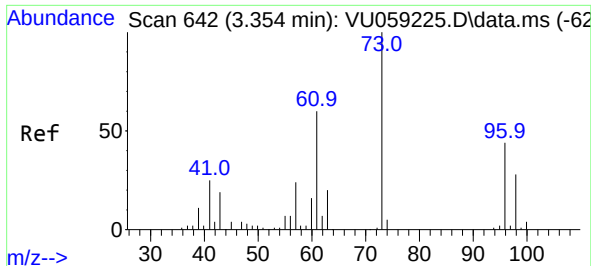
Tgt Ion: 43 Resp: 2588
Ion Ratio Lower Upper
43 100
74 25.7 19.2 28.8



#16
Methylene chloride
Concen: 1.018 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU059270.D
Acq: 17 Jun 2024 10:02

Tgt Ion: 84 Resp: 9106
Ion Ratio Lower Upper
84 100
86 61.5 42.1 78.1
49 115.3 80.6 149.8

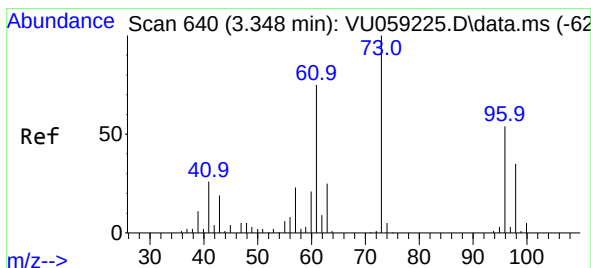
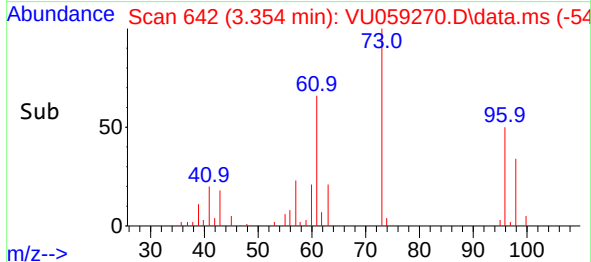
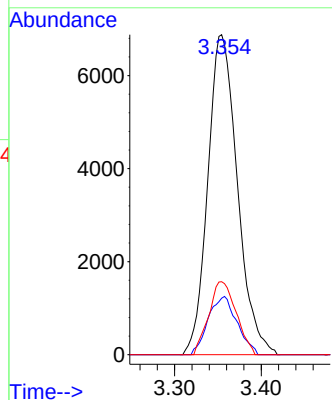
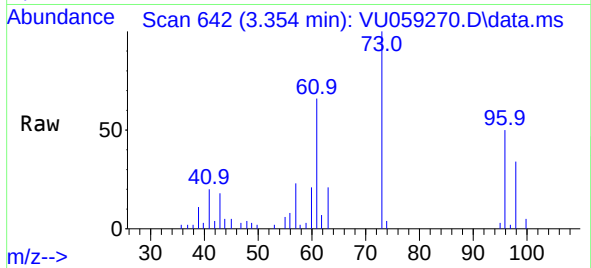




#17
Methyl tert-butyl Ether
Concen: 0.953 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU059270.D
Acq: 17 Jun 2024 10:02

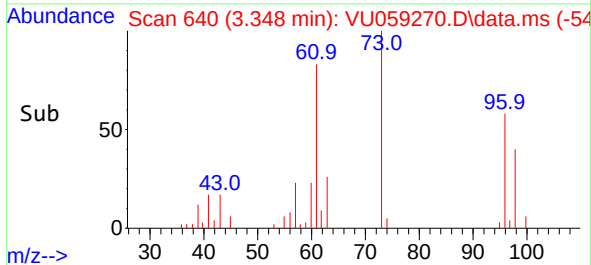
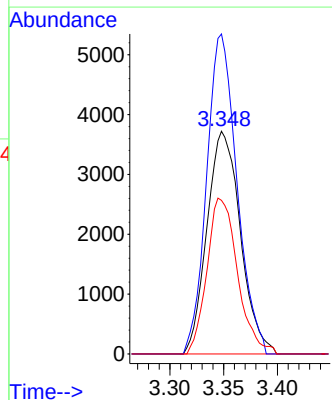
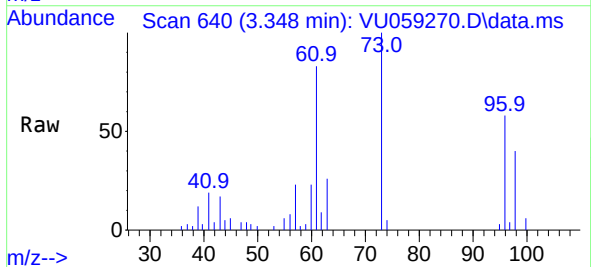
Instrument :
MSVOA_U
ClientSampleId :

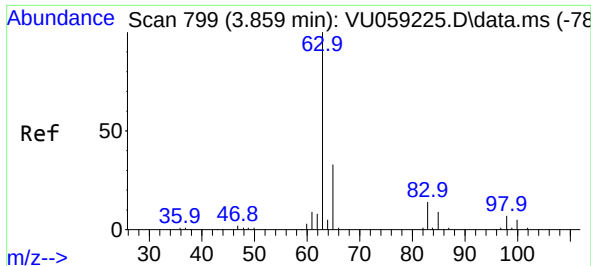
Tgt Ion: 73 Resp: 16337
Ion Ratio Lower Upper
73 100
43 17.8 14.9 22.3
57 21.1 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 1.161 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU059270.D
Acq: 17 Jun 2024 10:02

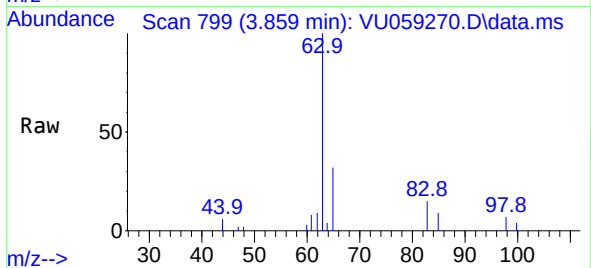
Tgt Ion: 96 Resp: 8055
Ion Ratio Lower Upper
96 100
61 143.7 101.8 189.0
98 69.0 43.3 80.5



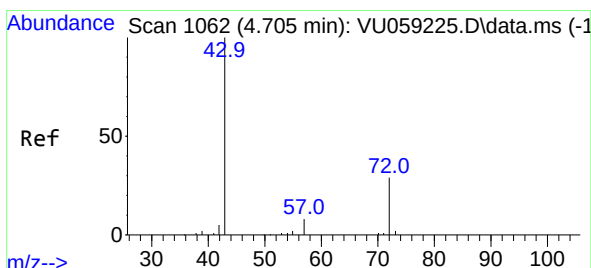
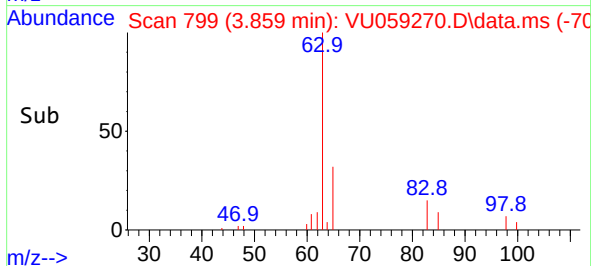
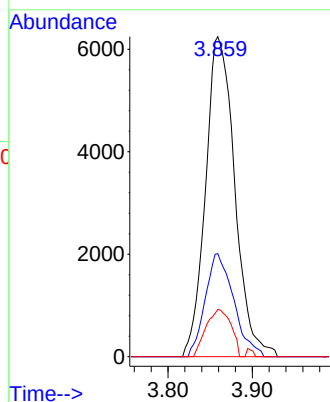


#19
1,1-Dichloroethane
Concen: 1.037 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU059270.D
Acq: 17 Jun 2024 10:02

Instrument :
MSVOA_U
ClientSampleId :

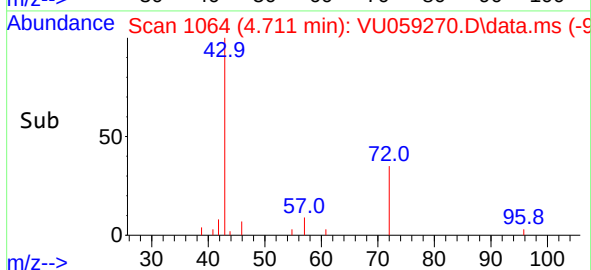
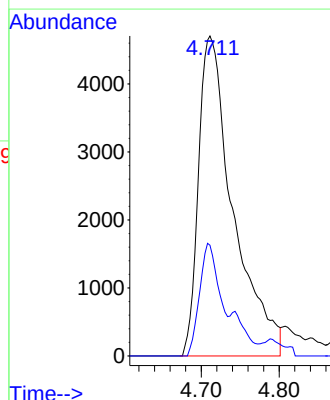
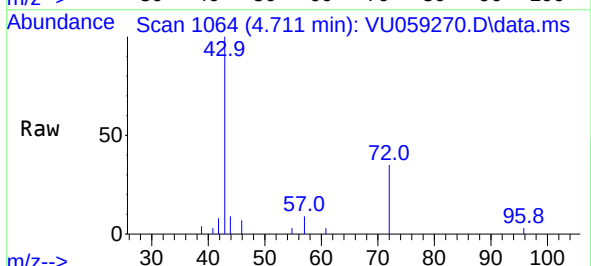


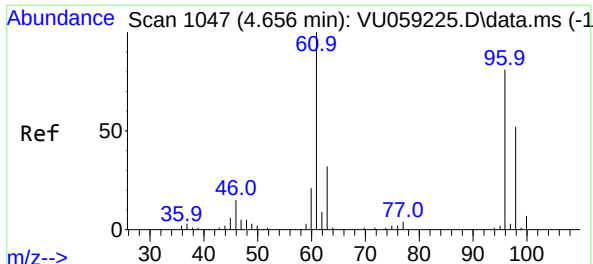
Tgt Ion: 63 Resp: 15048
Ion Ratio Lower Upper
63 100
65 30.9 21.8 40.6
83 14.2 9.9 18.5



#21
2-Butanone
Concen: 7.850 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VU059270.D
Acq: 17 Jun 2024 10:02

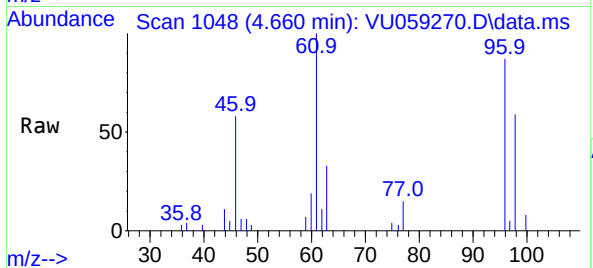
Tgt Ion: 43 Resp: 14500
Ion Ratio Lower Upper
43 100
72 20.2 13.8 41.4





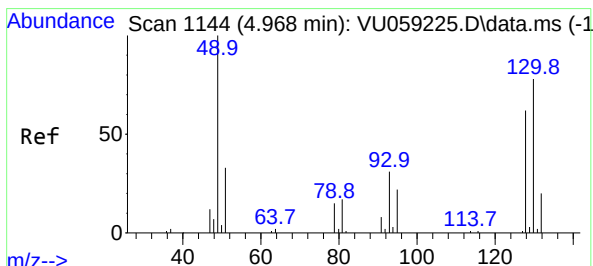
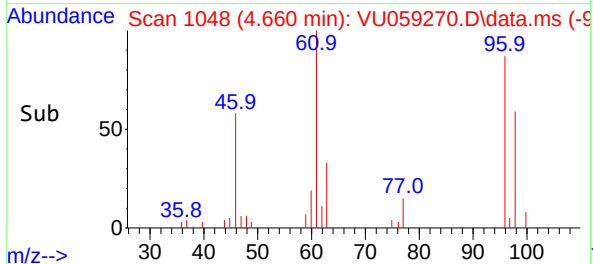
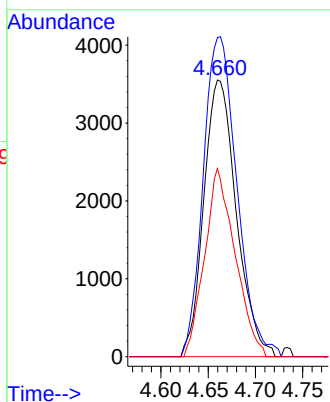
#22
 cis-1,2-Dichloroethene
 Concen: 1.066 ug/L
 RT: 4.660 min Scan# 1047
 Delta R.T. 0.003 min
 Lab File: VU059270.D
 Acq: 17 Jun 2024 10:02

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 8518

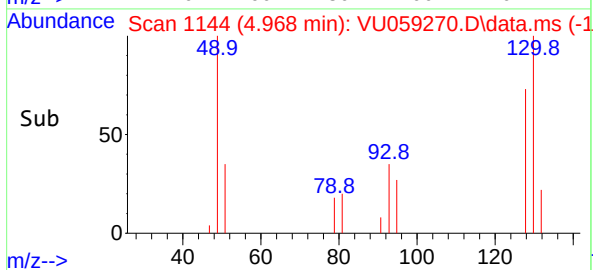
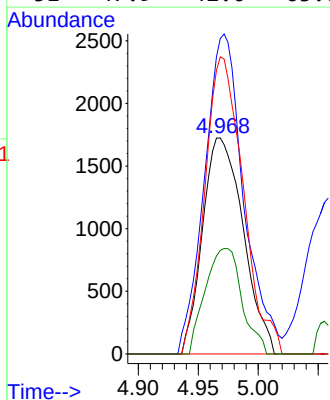
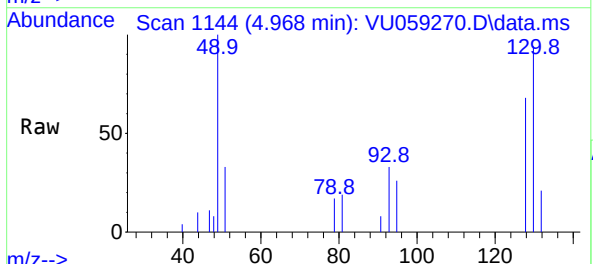
Ion	Ratio	Lower	Upper
96	100		
61	115.3	87.4	162.2
98	68.0	42.3	78.5

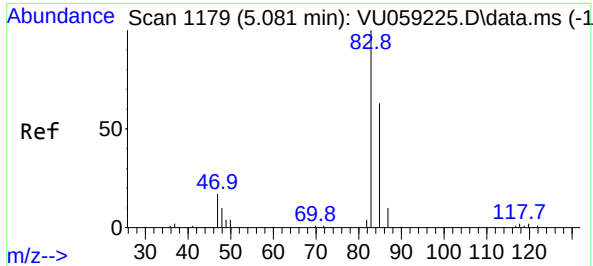


#23
 Bromochloromethane
 Concen: 1.151 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU059270.D
 Acq: 17 Jun 2024 10:02

Tgt Ion: 128 Resp: 4062

Ion	Ratio	Lower	Upper
128	100		
49	146.1	117.0	217.4
130	137.6	89.6	166.4
51	47.9	42.0	63.0

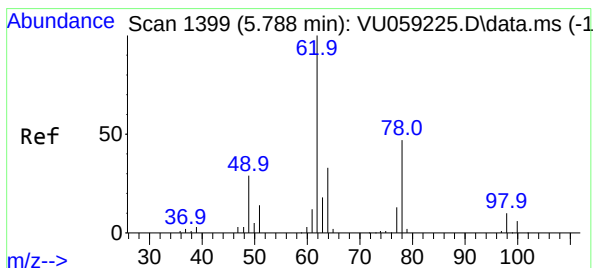
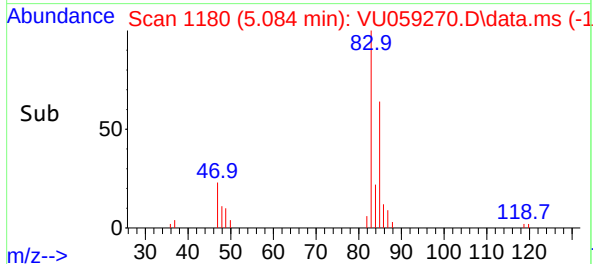
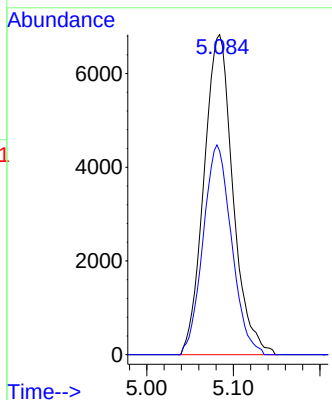
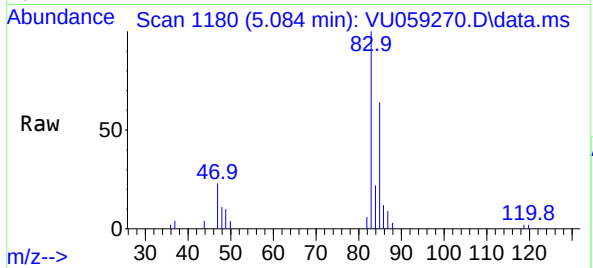




#25
Chloroform
Concen: 1.049 ug/L
RT: 5.084 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VU059270.D
Acq: 17 Jun 2024 10:02

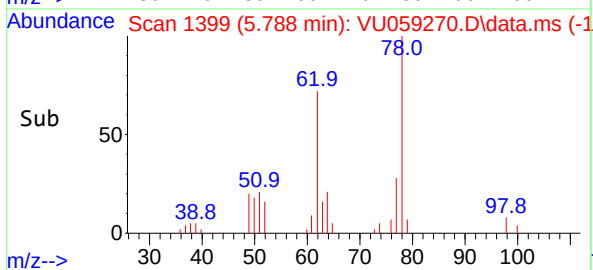
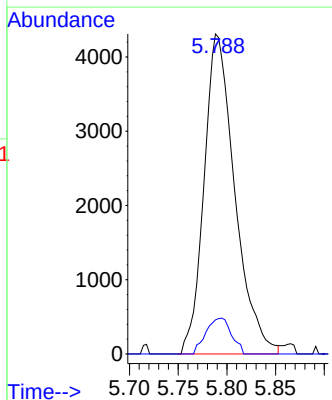
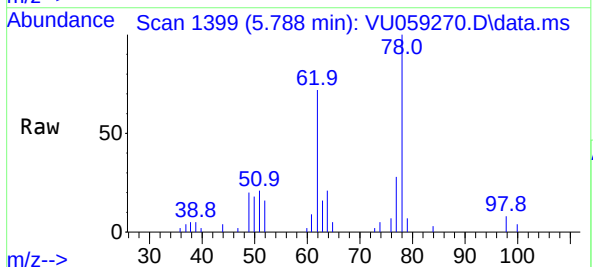
Instrument :
MSVOA_U
ClientSampleId :

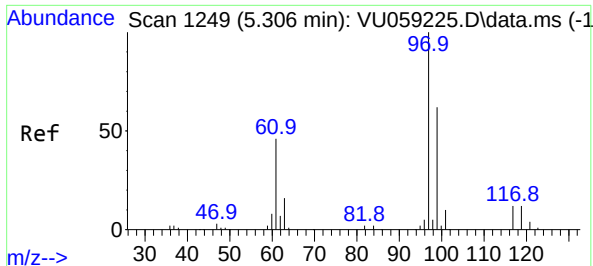
Tgt Ion: 83 Resp: 15905
Ion Ratio Lower Upper
83 100
85 63.7 44.7 83.1



#27
1,2-Dichloroethane
Concen: 1.022 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VU059270.D
Acq: 17 Jun 2024 10:02

Tgt Ion: 62 Resp: 9465
Ion Ratio Lower Upper
62 100
98 10.6 7.5 11.3

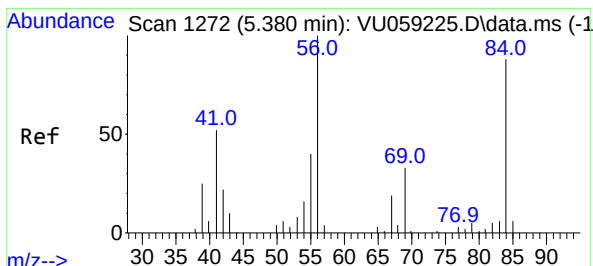
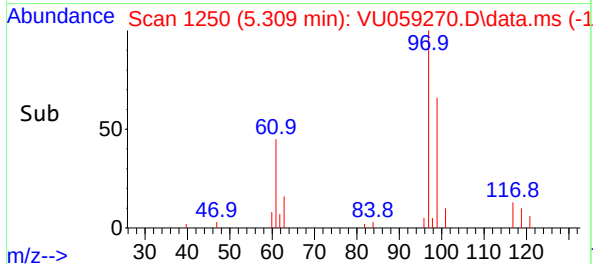
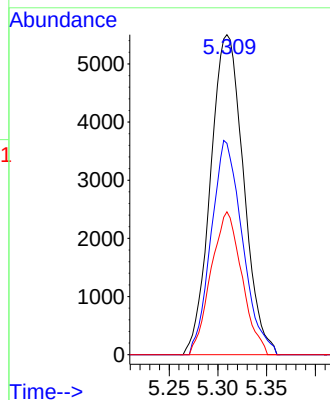
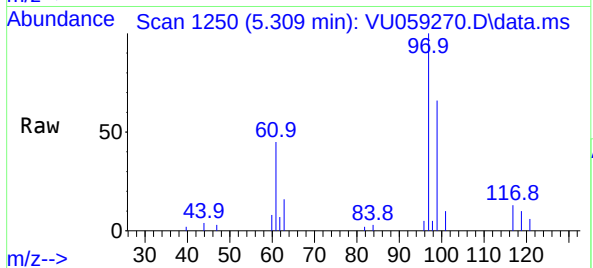




#29
1,1,1-Trichloroethane
Concen: 1.062 ug/L
RT: 5.309 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU059270.D
Acq: 17 Jun 2024 10:02

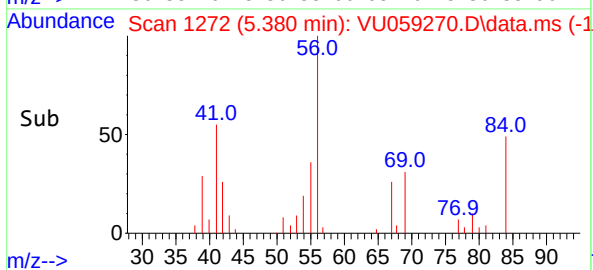
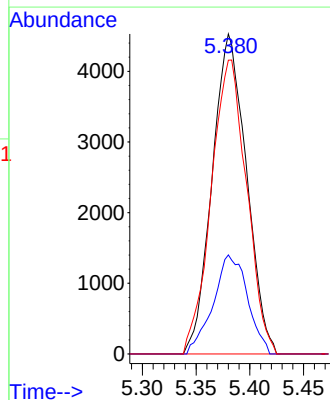
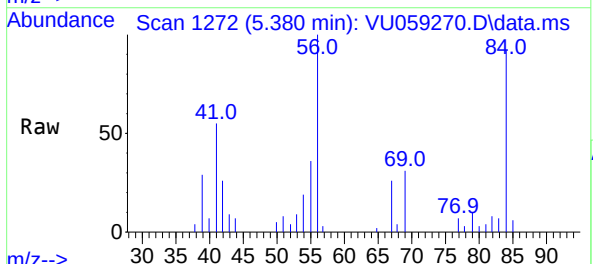
Instrument :
MSVOA_U
ClientSampleId :

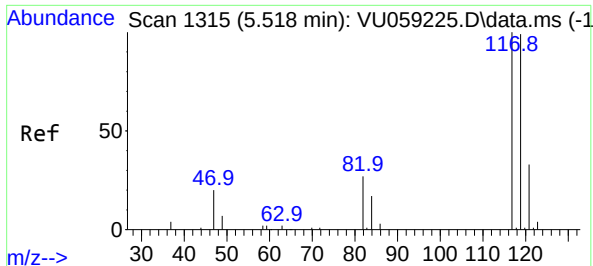
Tgt Ion: 97	Resp: 12964
Ion Ratio	Lower Upper
97 100	
99 63.4	51.8 77.6
61 41.8	37.4 56.2



#30
Cyclohexane
Concen: 0.870 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU059270.D
Acq: 17 Jun 2024 10:02

Tgt Ion: 56	Resp: 10042
Ion Ratio	Lower Upper
56 100	
69 31.0	24.8 37.2
84 94.9	69.8 104.8

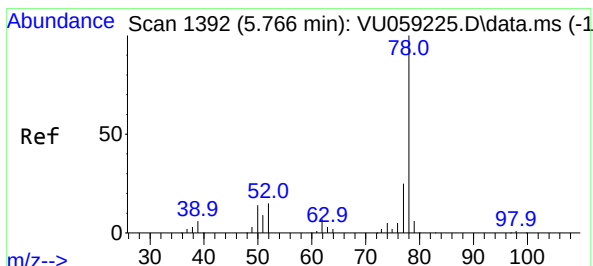
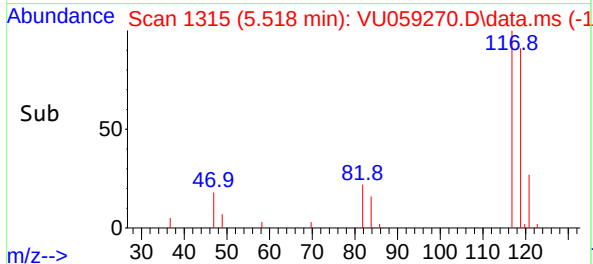
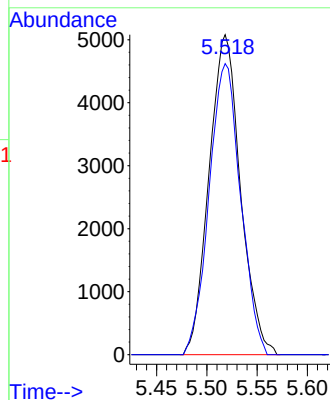
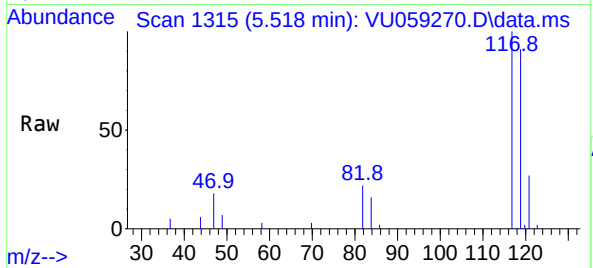




#31
Carbon tetrachloride
Concen: 1.086 ug/L
RT: 5.518 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU059270.D
Acq: 17 Jun 2024 10:02

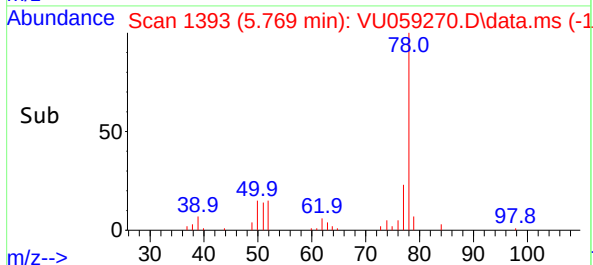
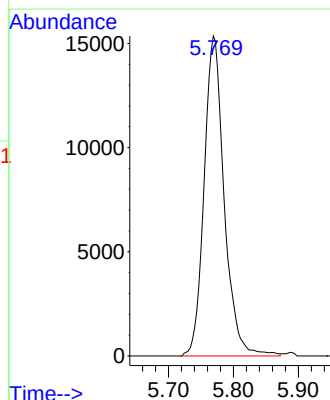
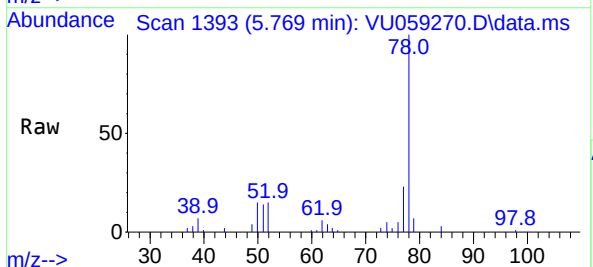
Instrument :
MSVOA_U
ClientSampleId :

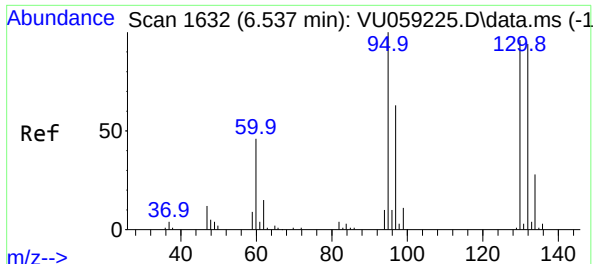
Tgt Ion:117 Resp: 11049
Ion Ratio Lower Upper
117 100
119 90.8 77.5 116.3



#33
Benzene
Concen: 1.031 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU059270.D
Acq: 17 Jun 2024 10:02

Tgt Ion: 78 Resp: 33059





#34

Trichloroethene

Concen: 1.068 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU059270.D

Acq: 17 Jun 2024 10:02

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 9060

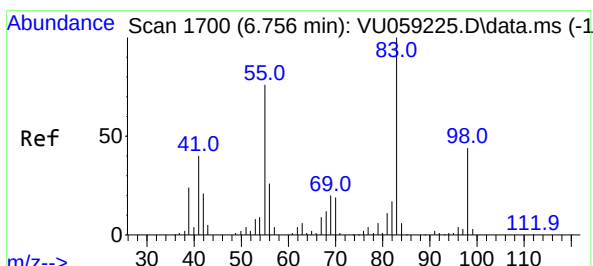
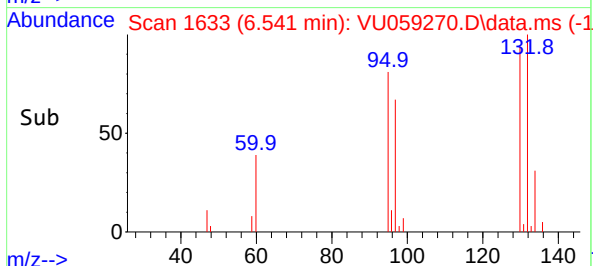
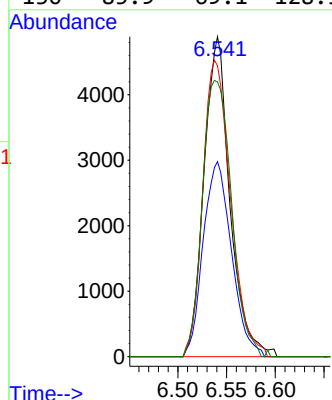
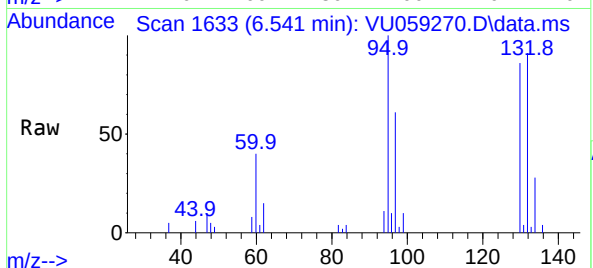
Ion Ratio Lower Upper

95 100

97 60.9 45.3 84.1

132 90.9 64.0 119.0

130 85.9 69.1 128.3



#35

Methylcyclohexane

Concen: 0.942 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU059270.D

Acq: 17 Jun 2024 10:02

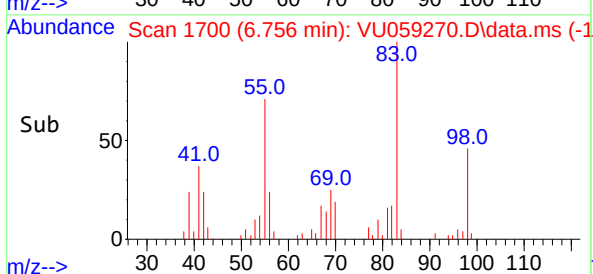
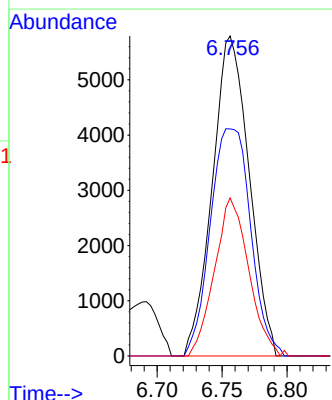
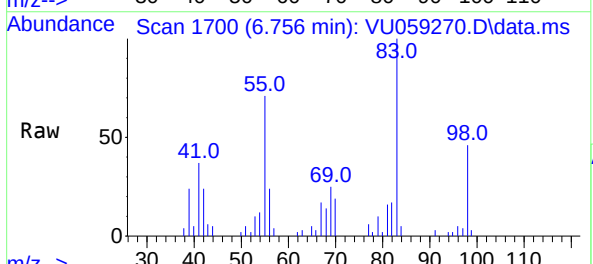
Tgt Ion: 83 Resp: 11409

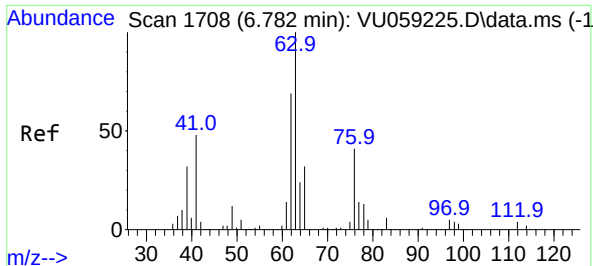
Ion Ratio Lower Upper

83 100

55 77.8 62.7 94.1

98 45.9 35.4 53.0

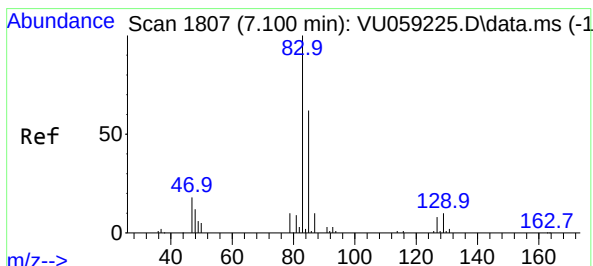
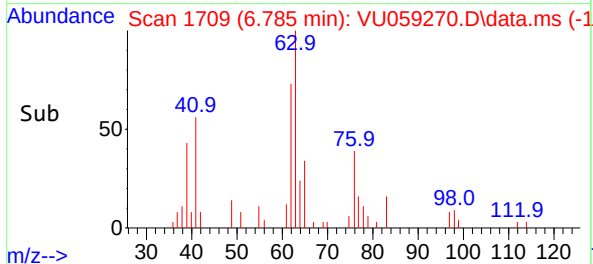
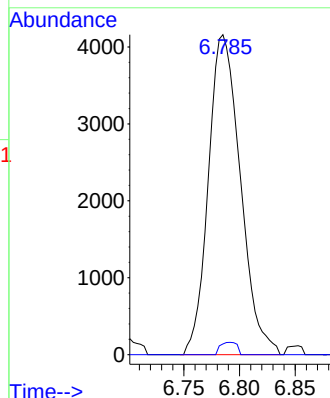
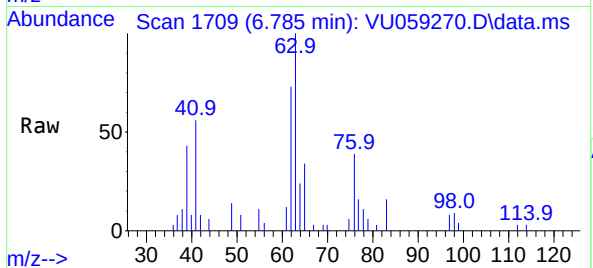




#37
1,2-Dichloropropane
Concen: 0.915 ug/L
RT: 6.785 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU059270.D
Acq: 17 Jun 2024 10:02

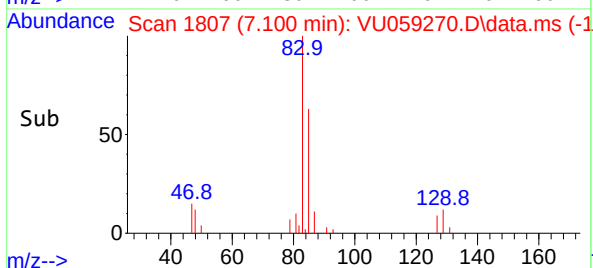
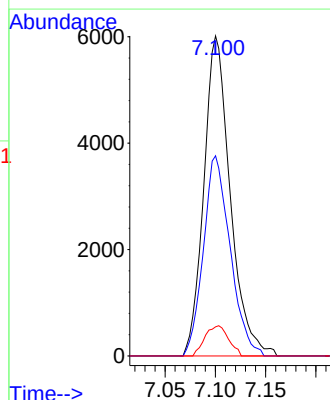
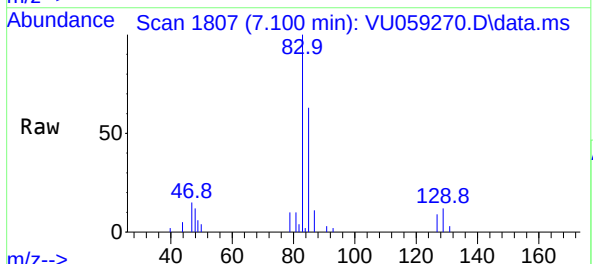
Instrument :
MSVOA_U
ClientSampleId :

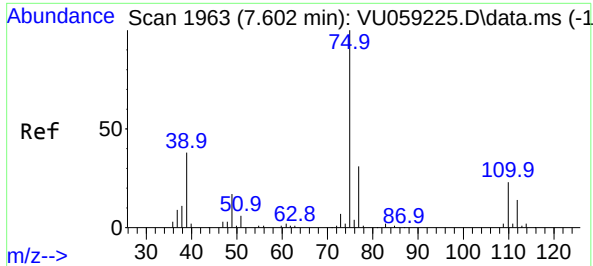
Tgt Ion: 63 Resp: 8329
Ion Ratio Lower Upper
63 100
112 2.0 2.6 3.8#



#38
Bromodichloromethane
Concen: 1.007 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU059270.D
Acq: 17 Jun 2024 10:02

Tgt Ion: 83 Resp: 10993
Ion Ratio Lower Upper
83 100
85 62.6 42.7 79.3
127 9.1 6.1 9.1

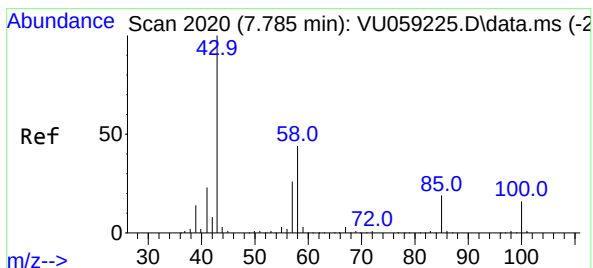
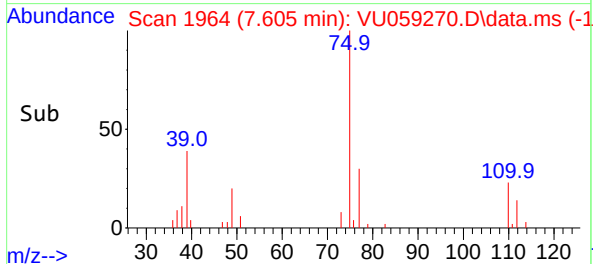
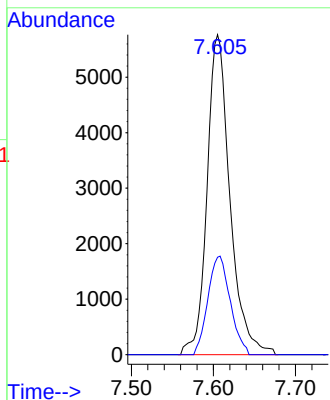
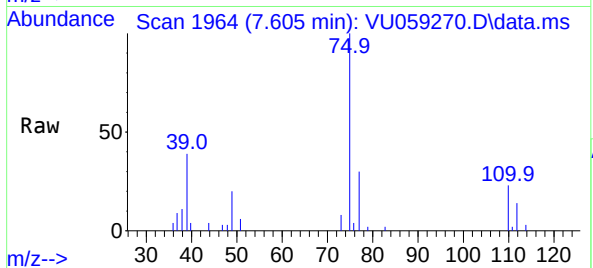




#39
cis-1,3-Dichloropropene
Concen: 0.902 ug/L
RT: 7.605 min Scan# 1963
Delta R.T. 0.003 min
Lab File: VU059270.D
Acq: 17 Jun 2024 10:02

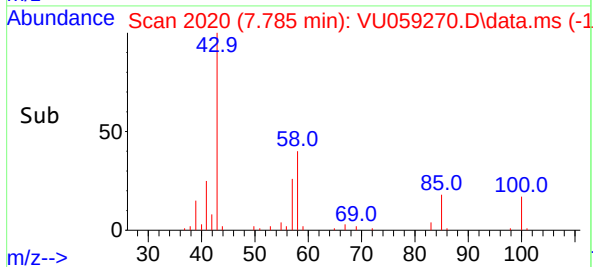
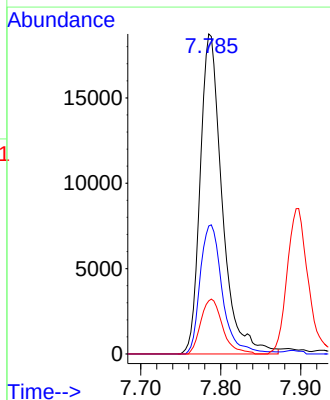
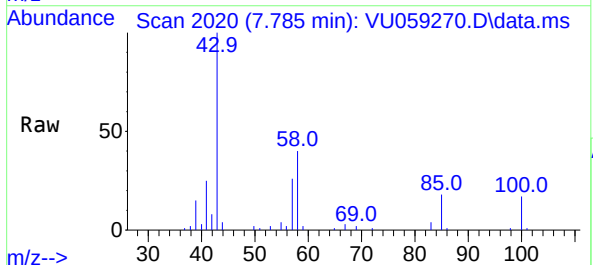
Instrument :
MSVOA_U
ClientSampleId :

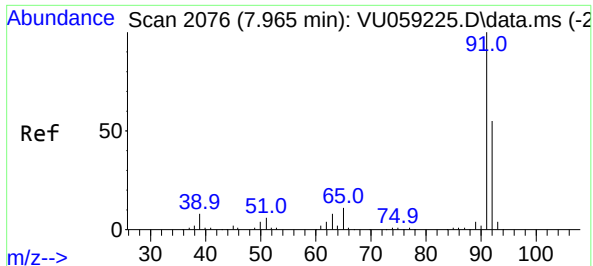
Tgt Ion: 75 Resp: 11190
Ion Ratio Lower Upper
75 100
77 30.5 22.0 40.8



#40
4-Methyl-2-pentanone
Concen: 7.635 ug/L
RT: 7.785 min Scan# 2020
Delta R.T. 0.000 min
Lab File: VU059270.D
Acq: 17 Jun 2024 10:02

Tgt Ion: 43 Resp: 35933
Ion Ratio Lower Upper
43 100
58 41.0 34.0 51.0
100 16.9 12.1 18.1





#42

Toluene

Concen: 1.009 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU059270.D

Acq: 17 Jun 2024 10:02

Instrument :

MSVOA_U

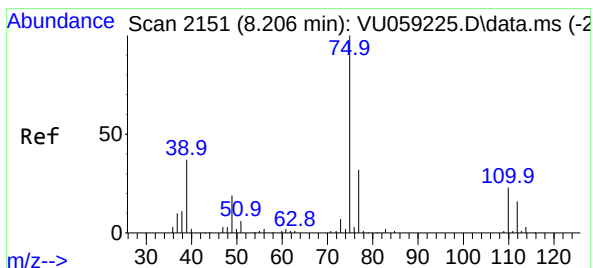
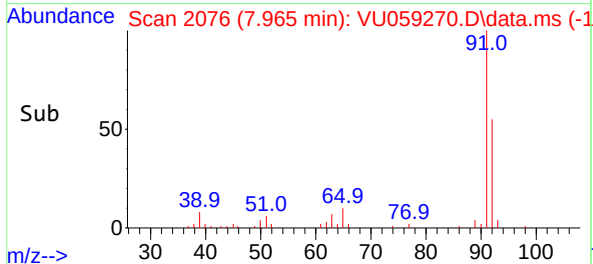
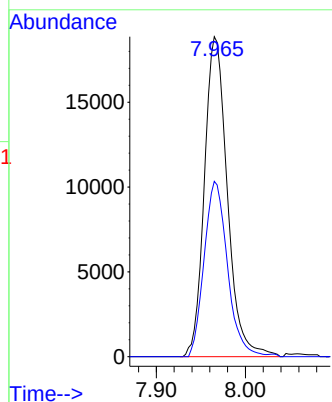
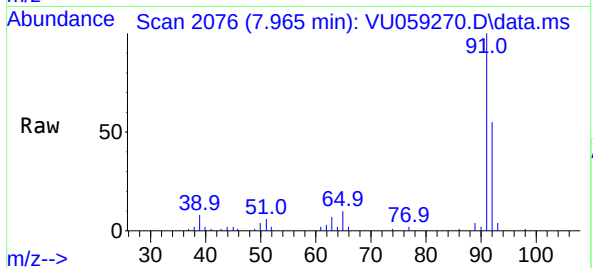
ClientSampleId :

Tgt Ion: 91 Resp: 33756

Ion Ratio Lower Upper

91 100

92 54.8 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 0.880 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. 0.003 min

Lab File: VU059270.D

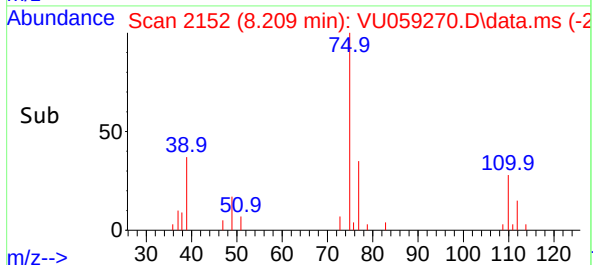
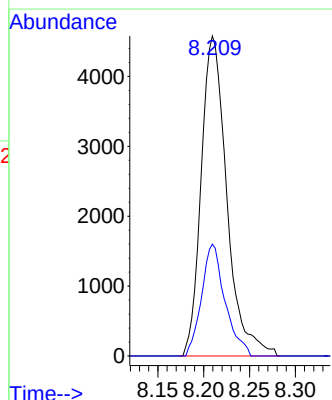
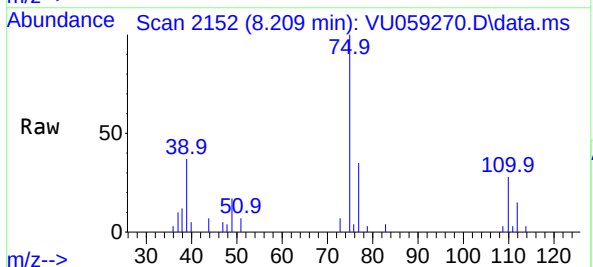
Acq: 17 Jun 2024 10:02

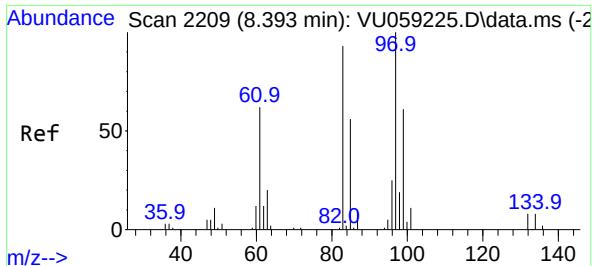
Tgt Ion: 75 Resp: 8911

Ion Ratio Lower Upper

75 100

77 35.0 22.0 41.0



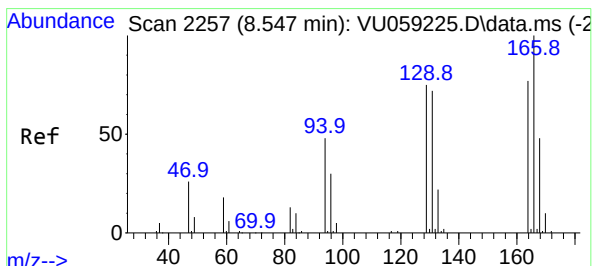
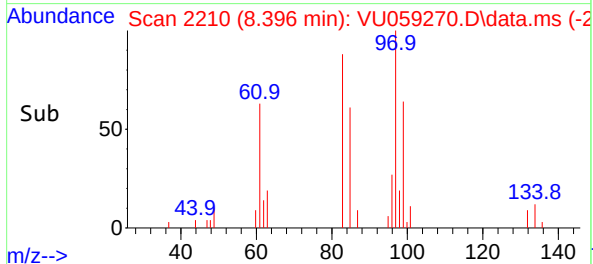
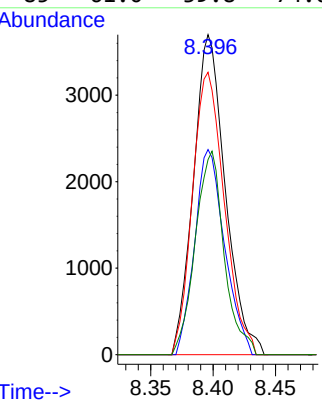
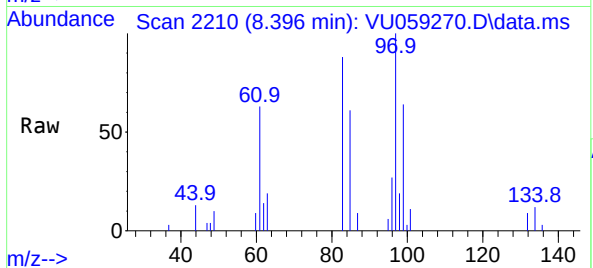


#45
1,1,2-Trichloroethane
Concen: 1.027 ug/L
RT: 8.396 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU059270.D
Acq: 17 Jun 2024 10:02

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 6576

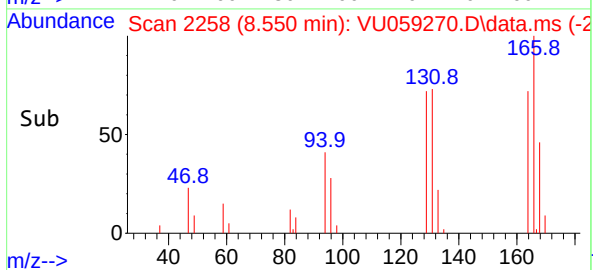
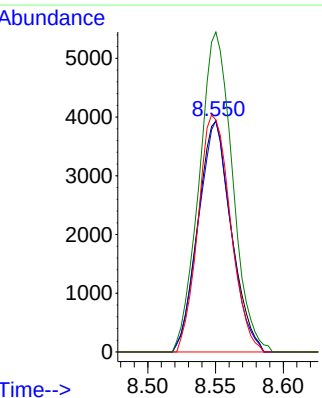
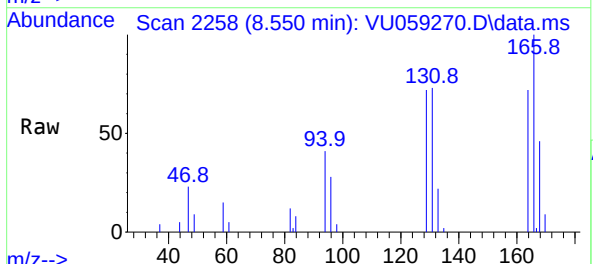
Ion	Ratio	Lower	Upper
97	100		
99	64.1	43.3	80.3
83	88.2	62.3	115.7
85	61.0	39.8	74.0

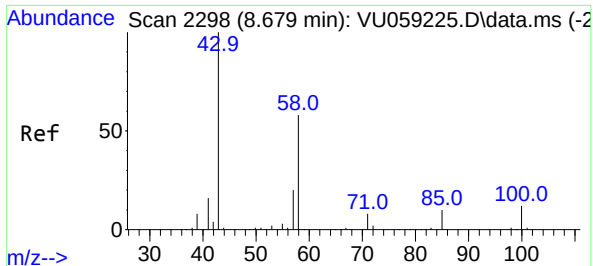


#47
Tetrachloroethene
Concen: 1.114 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU059270.D
Acq: 17 Jun 2024 10:02

Tgt Ion: 164 Resp: 6733

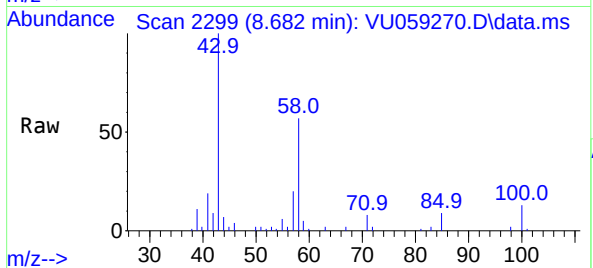
Ion	Ratio	Lower	Upper
164	100		
129	100.1	70.8	131.4
131	100.6	64.8	120.3
166	138.6	91.1	169.1





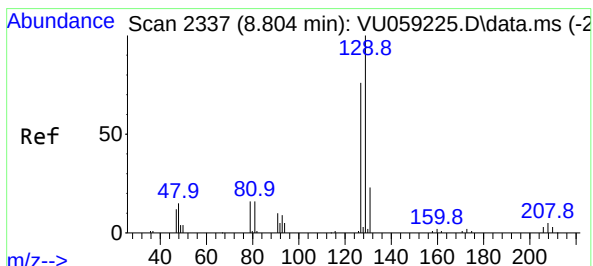
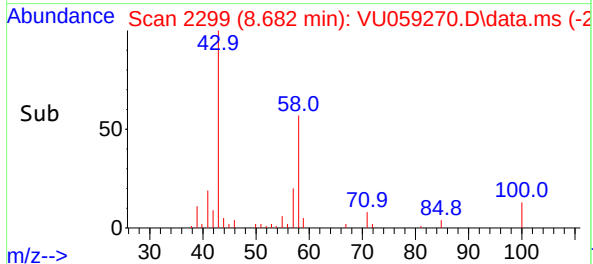
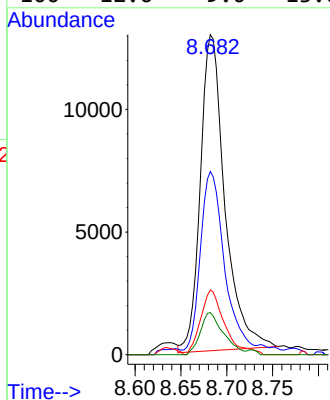
#48
2-Hexanone
Concen: 7.080 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU059270.D
Acq: 17 Jun 2024 10:02

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 24012

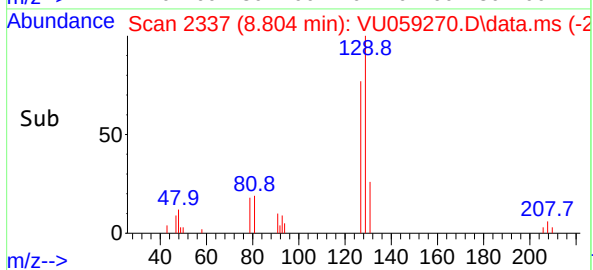
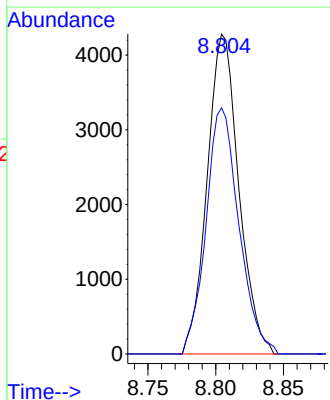
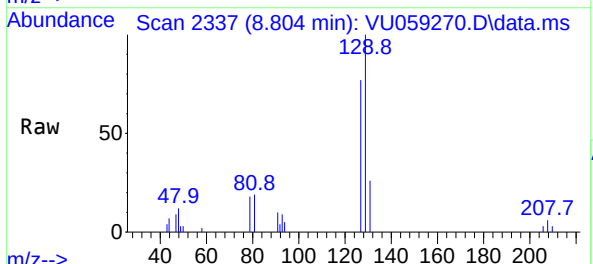
Ion	Ratio	Lower	Upper
43	100		
58	60.4	46.1	69.1
57	20.0	15.5	23.3
100	12.6	9.0	13.6

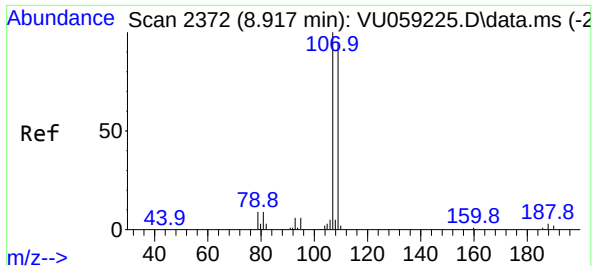


#49
Dibromochloromethane
Concen: 1.030 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU059270.D
Acq: 17 Jun 2024 10:02

Tgt Ion: 129 Resp: 6959

Ion	Ratio	Lower	Upper
129	100		
127	76.9	52.5	97.5





#50

1,2-Dibromoethane

Concen: 1.026 ug/L

RT: 8.920 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU059270.D

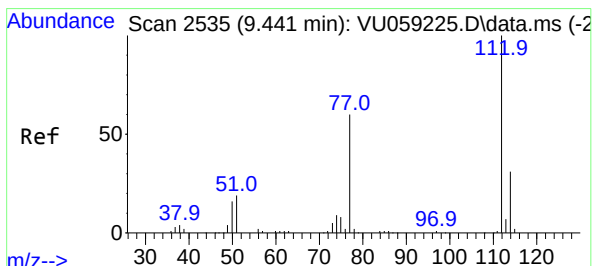
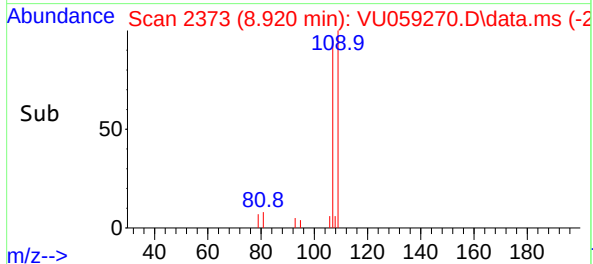
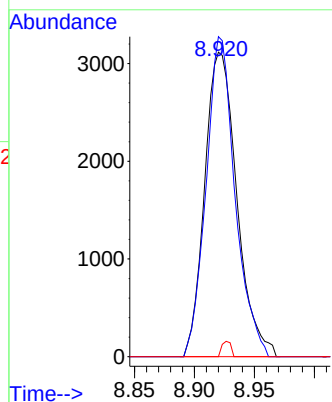
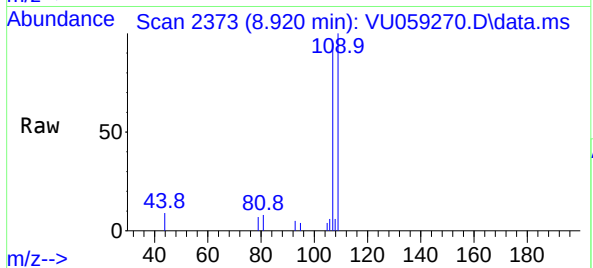
Acq: 17 Jun 2024 10:02

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	5810
Ion	Ratio	Lower	Upper
107	100		
109	105.1	66.9	124.3
188	0.0	2.7	4.1#



#51

Chlorobenzene

Concen: 1.022 ug/L

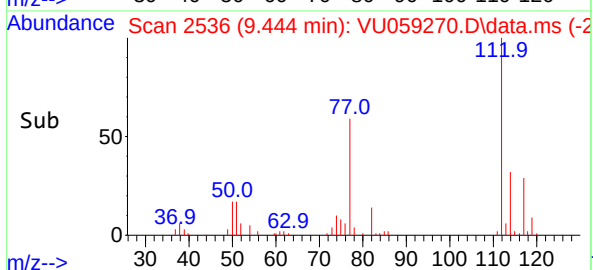
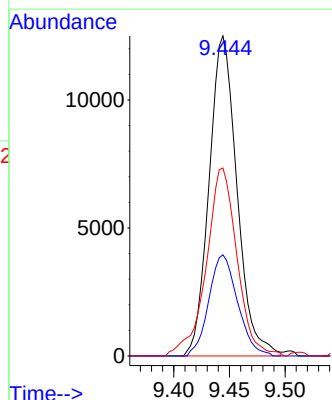
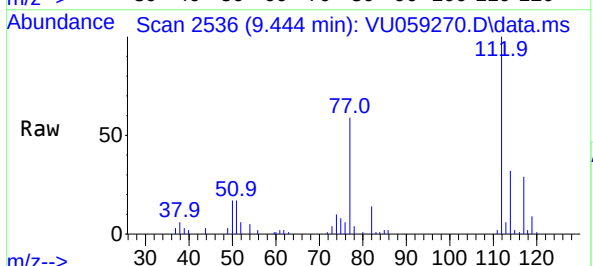
RT: 9.444 min Scan# 2536

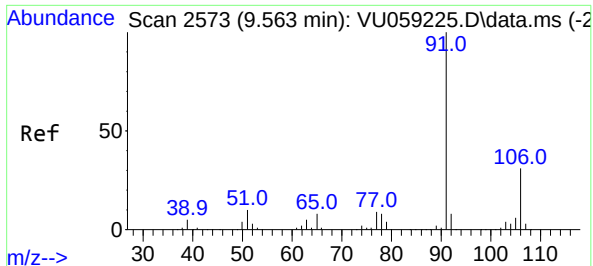
Delta R.T. 0.003 min

Lab File: VU059270.D

Acq: 17 Jun 2024 10:02

Tgt Ion:	112	Resp:	21788
Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.4	41.6
77	58.7	49.1	73.7





#52

Ethylbenzene

Concen: 0.902 ug/L

RT: 9.566 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU059270.D

Acq: 17 Jun 2024 10:02

Instrument :

MSVOA_U

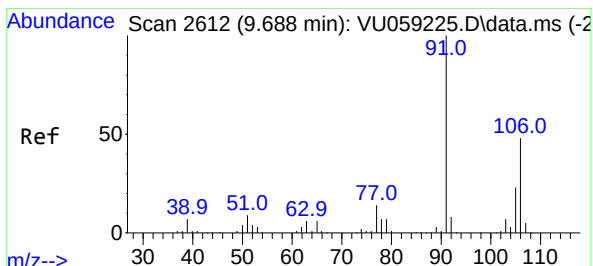
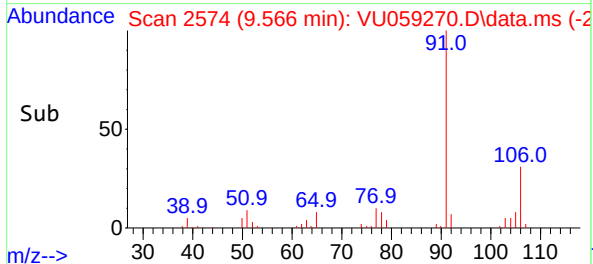
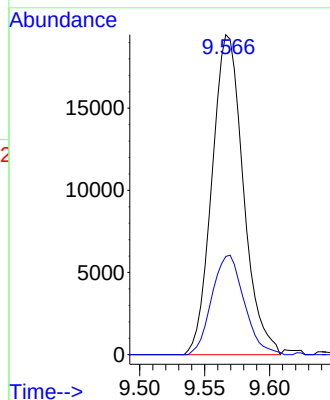
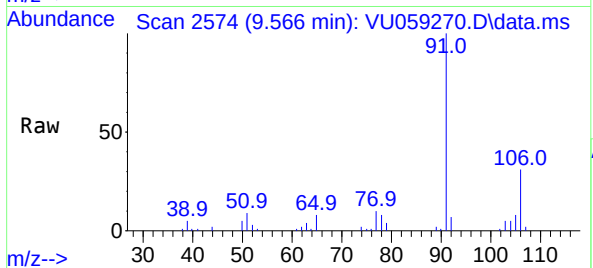
ClientSampleId :

Tgt Ion: 91 Resp: 32583

Ion Ratio Lower Upper

91 100

106 30.7 20.9 38.7



#53

m,p-Xylene

Concen: 0.920 ug/L

RT: 9.692 min Scan# 2613

Delta R.T. 0.004 min

Lab File: VU059270.D

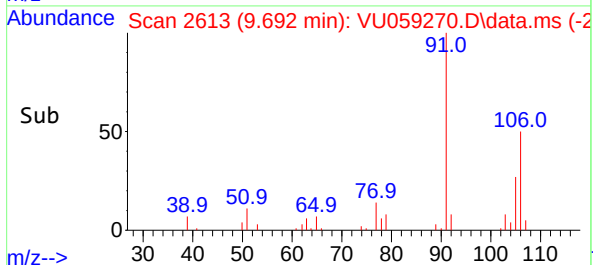
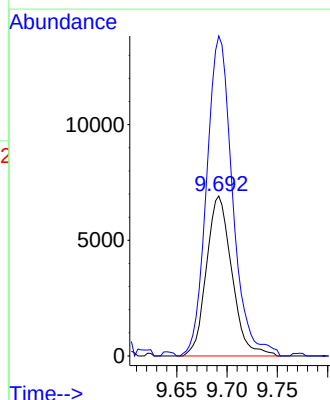
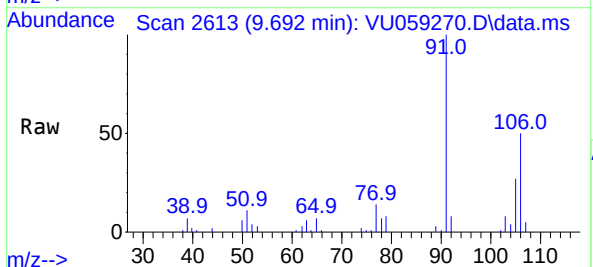
Acq: 17 Jun 2024 10:02

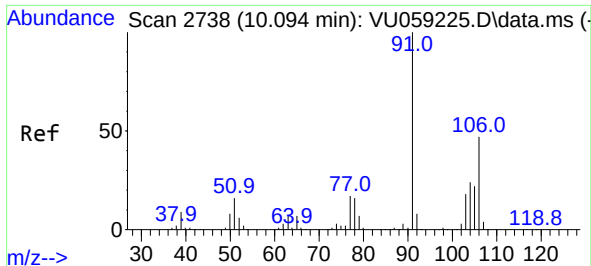
Tgt Ion:106 Resp: 12162

Ion Ratio Lower Upper

106 100

91 200.0 142.0 263.8

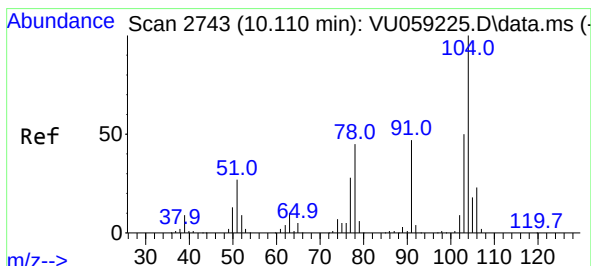
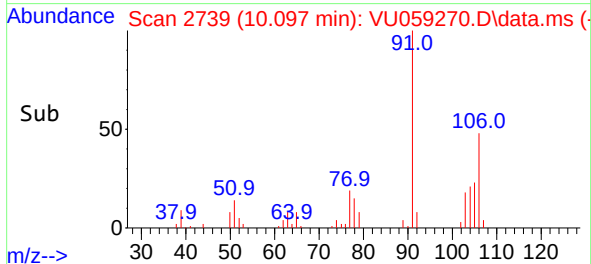
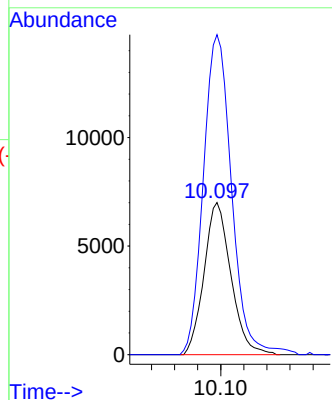
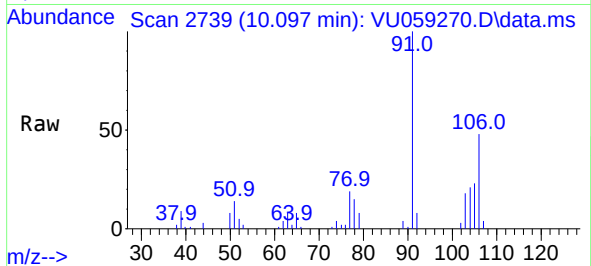




#54
o-Xylene
Concen: 0.877 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU059270.D
Acq: 17 Jun 2024 10:02

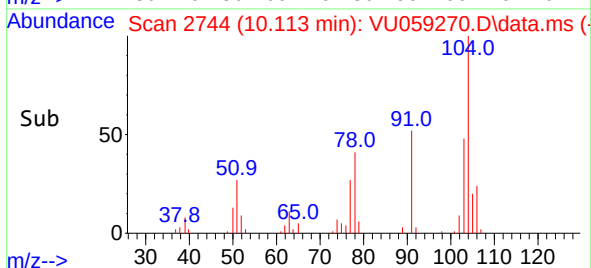
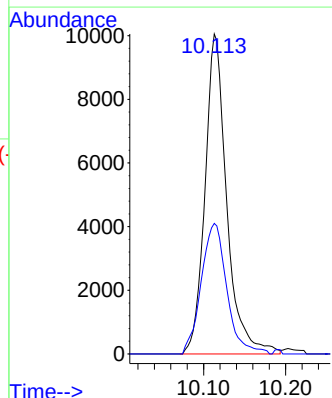
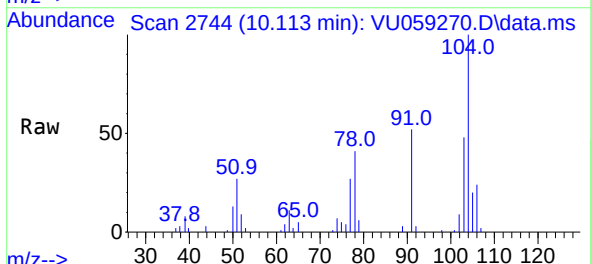
Instrument :
MSVOA_U
ClientSampleId :

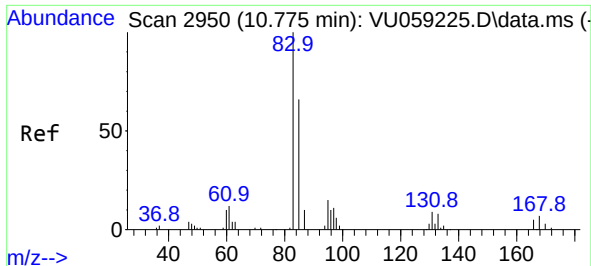
Tgt Ion:106 Resp: 11334
Ion Ratio Lower Upper
106 100
91 210.4 151.6 281.6



#55
Styrene
Concen: 0.853 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.003 min
Lab File: VU059270.D
Acq: 17 Jun 2024 10:02

Tgt Ion:104 Resp: 18554
Ion Ratio Lower Upper
104 100
78 40.8 32.3 60.1

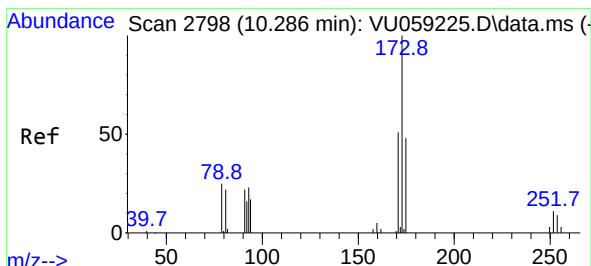
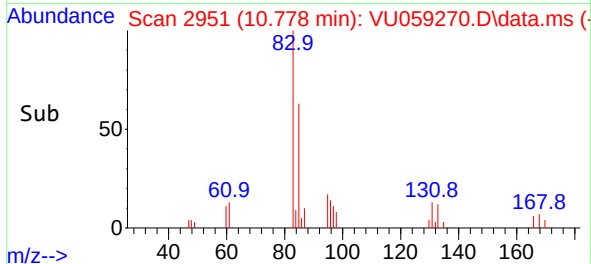
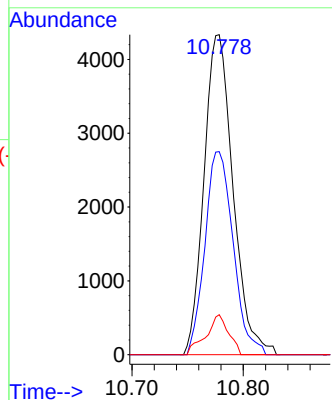
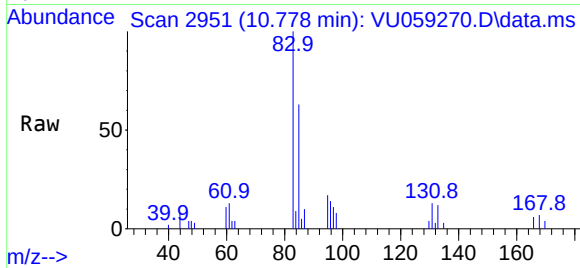




#57
1,1,2,2-Tetrachloroethane
Concen: 0.967 ug/L
RT: 10.778 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU059270.D
Acq: 17 Jun 2024 10:02

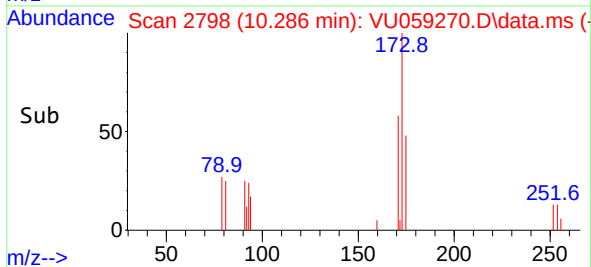
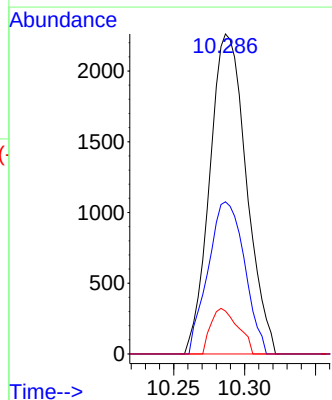
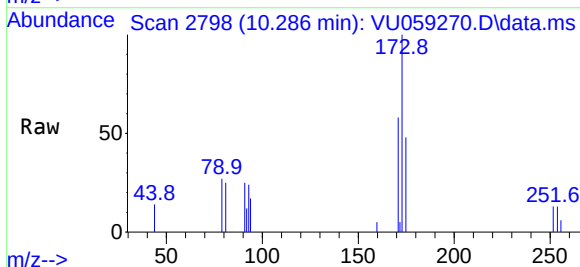
Instrument :
MSVOA_U
ClientSampleId :

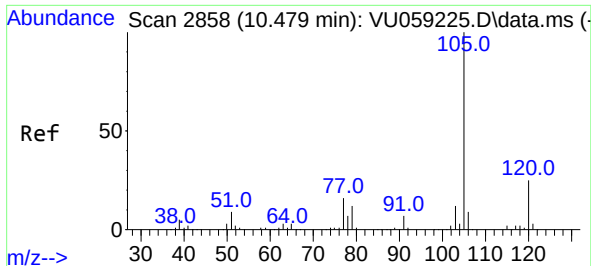
Tgt Ion: 83 Resp: 7853
Ion Ratio Lower Upper
83 100
85 63.5 44.7 82.9
131 12.5 6.9 10.3#



#59
Bromoform
Concen: 1.075 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. 0.000 min
Lab File: VU059270.D
Acq: 17 Jun 2024 10:02

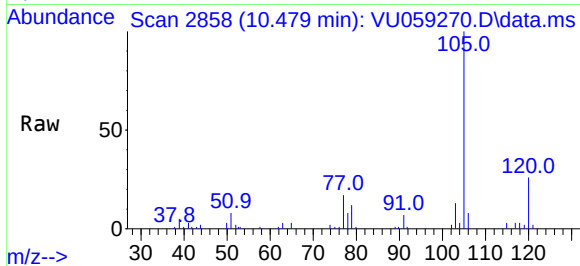
Tgt Ion:173 Resp: 4061
Ion Ratio Lower Upper
173 100
175 47.3 39.4 59.2
254 10.6 7.4 11.2



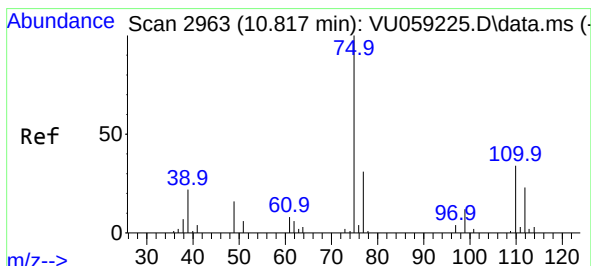
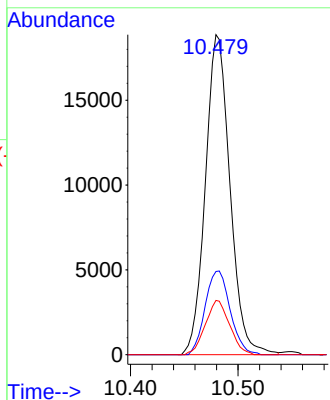
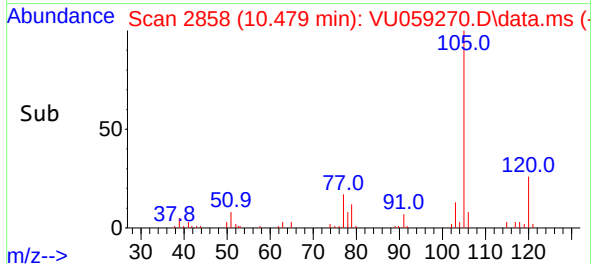


#60
Isopropylbenzene
Concen: 0.907 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU059270.D
Acq: 17 Jun 2024 10:02

Instrument :
MSVOA_U
ClientSampleId :

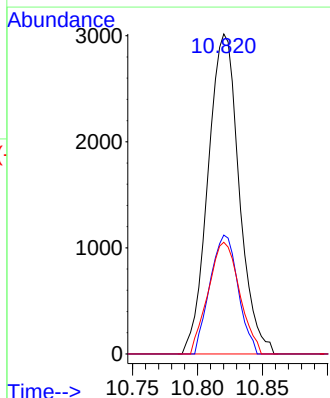
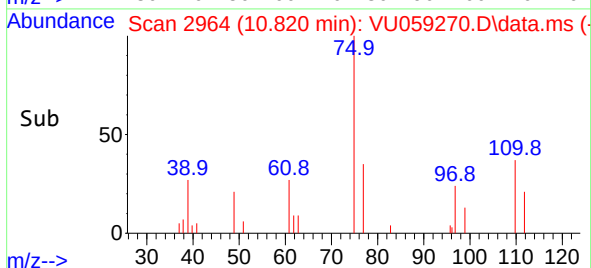
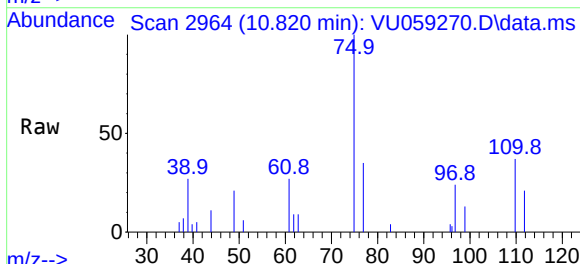


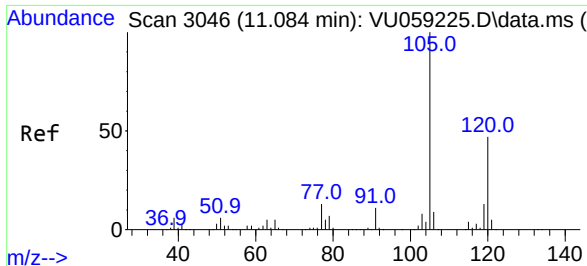
Tgt Ion:105 Resp: 30016
Ion Ratio Lower Upper
105 100
120 26.6 20.6 31.0
77 16.7 12.8 19.2



#61
1,2,3-Trichloropropane
Concen: 0.943 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. 0.003 min
Lab File: VU059270.D
Acq: 17 Jun 2024 10:02

Tgt Ion: 75 Resp: 5019
Ion Ratio Lower Upper
75 100
110 33.5 27.1 40.7
77 35.0 25.4 38.2

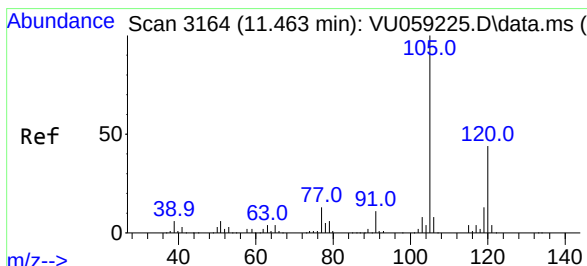
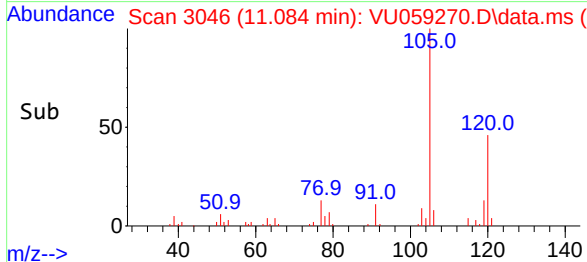
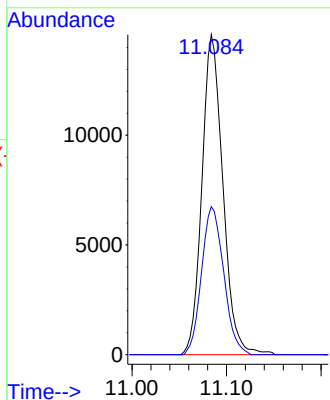
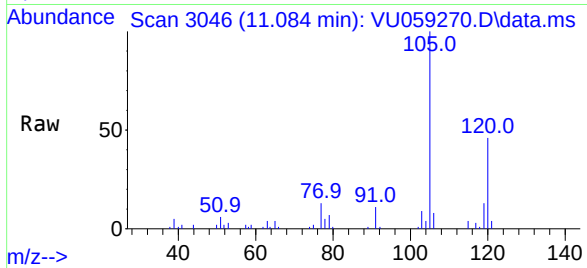




#62
1,3,5-Trimethylbenzene
Concen: 0.852 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU059270.D
Acq: 17 Jun 2024 10:02

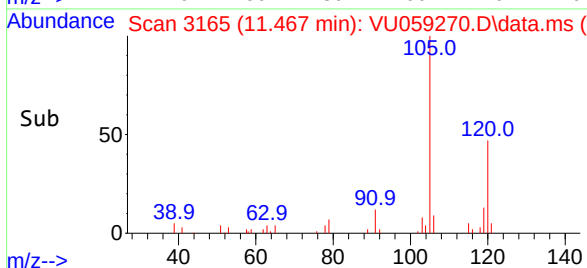
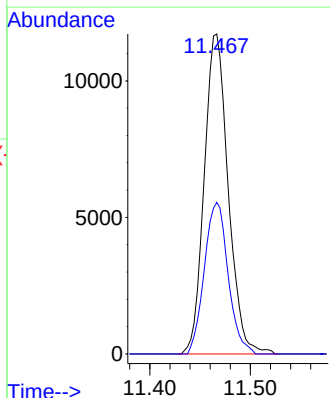
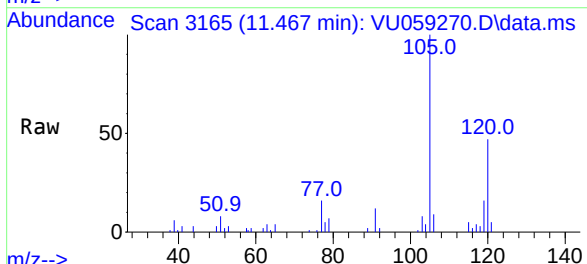
Instrument :
MSVOA_U
ClientSampleId :

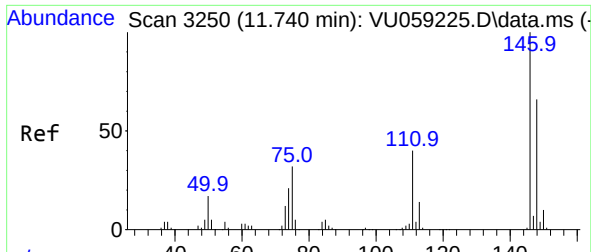
Tgt Ion:105 Resp: 22466
Ion Ratio Lower Upper
105 100
120 48.8 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 0.743 ug/L
RT: 11.467 min Scan# 3165
Delta R.T. 0.004 min
Lab File: VU059270.D
Acq: 17 Jun 2024 10:02

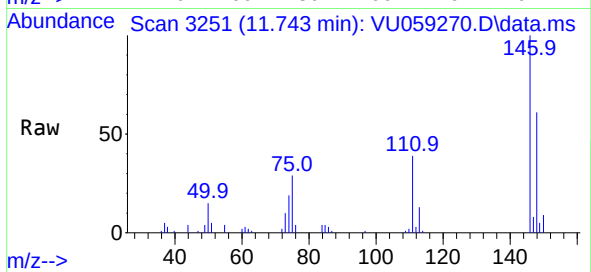
Tgt Ion:105 Resp: 19425
Ion Ratio Lower Upper
105 100
120 46.9 35.4 53.0



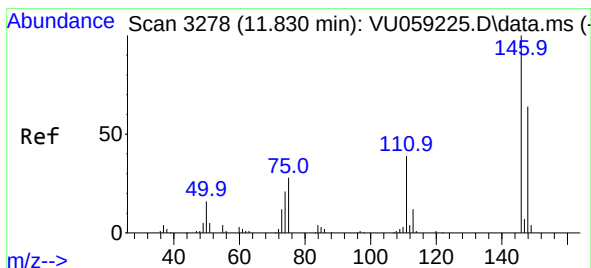
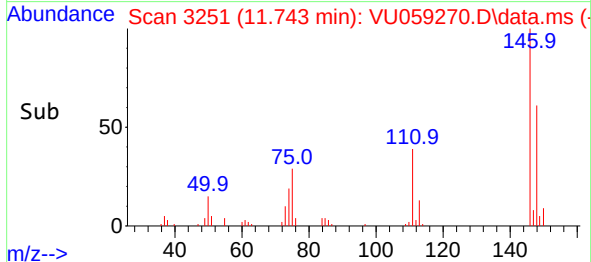
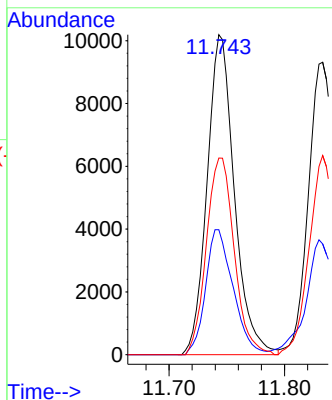


#64
1,3-Dichlorobenzene
Concen: 1.039 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU059270.D
Acq: 17 Jun 2024 10:02

Instrument :
MSVOA_U
ClientSampleId :

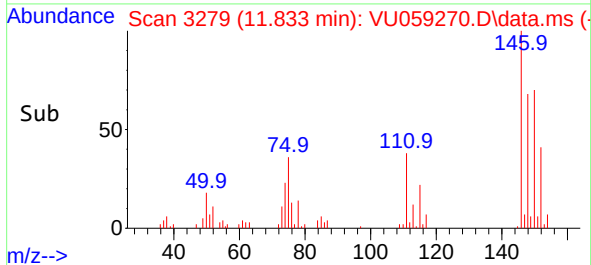
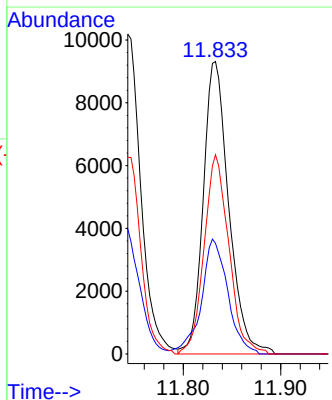
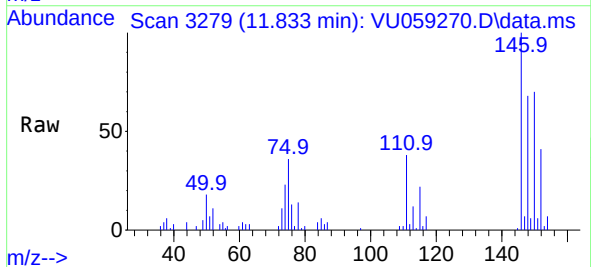


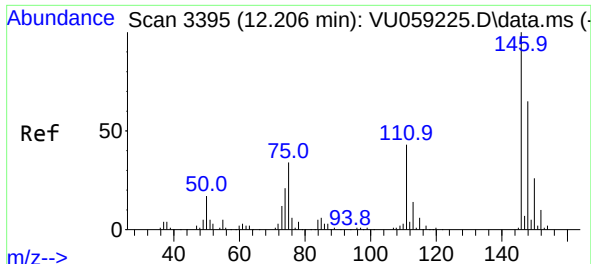
Tgt Ion:146 Resp: 16728
Ion Ratio Lower Upper
146 100
111 39.1 27.4 51.0
148 61.5 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 1.053 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU059270.D
Acq: 17 Jun 2024 10:02

Tgt Ion:146 Resp: 16923
Ion Ratio Lower Upper
146 100
111 37.9 26.9 50.1
148 68.1 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 1.029 ug/L

RT: 12.209 min Scan# 31

Delta R.T. 0.003 min

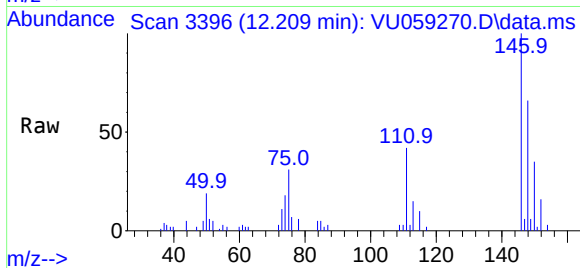
Lab File: VU059270.D

Acq: 17 Jun 2024 10:02

Instrument :

MSVOA_U

ClientSampleId :



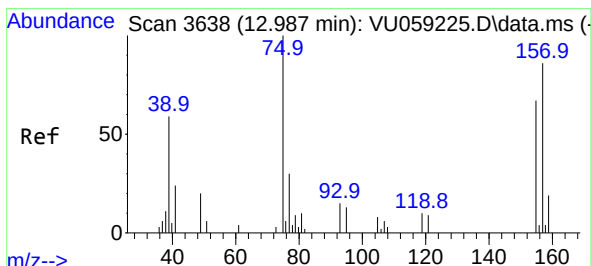
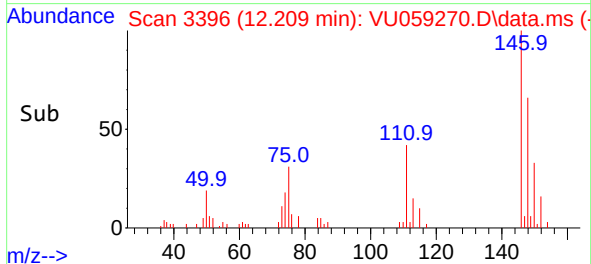
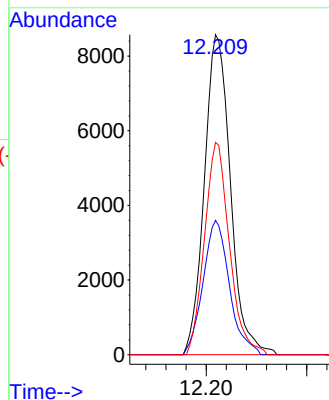
Tgt Ion:146 Resp: 15476

Ion Ratio Lower Upper

146 100

111 42.0 33.4 50.0

148 66.4 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 0.774 ug/L

RT: 12.997 min Scan# 3641

Delta R.T. 0.010 min

Lab File: VU059270.D

Acq: 17 Jun 2024 10:02

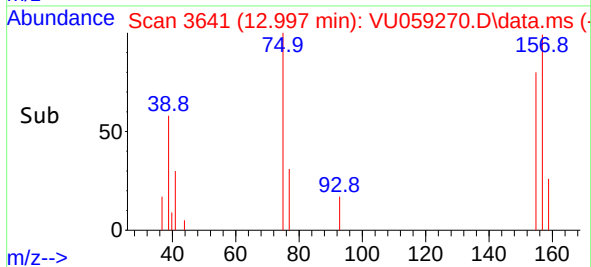
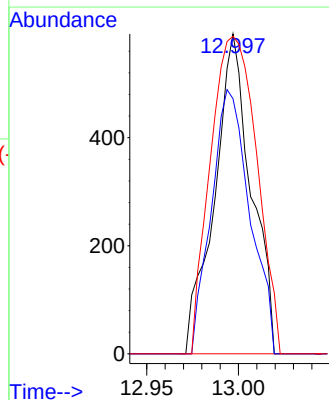
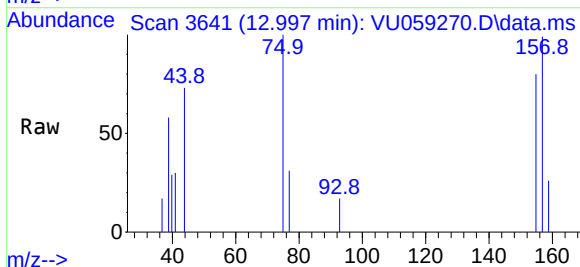
Tgt Ion: 75 Resp: 828

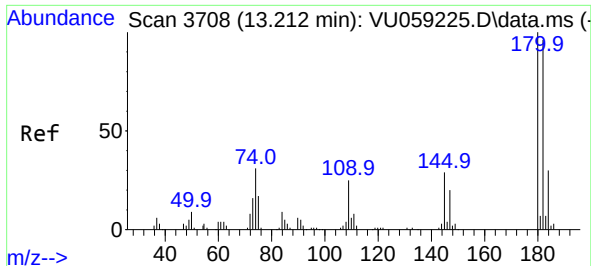
Ion Ratio Lower Upper

75 100

155 79.7 58.2 87.2

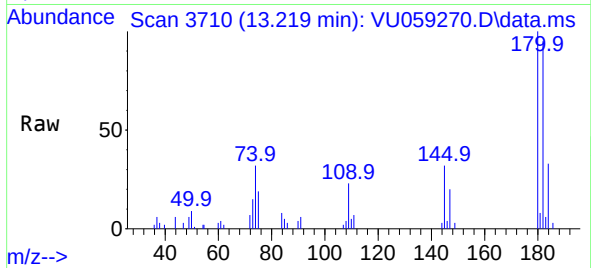
157 99.3 80.0 120.0



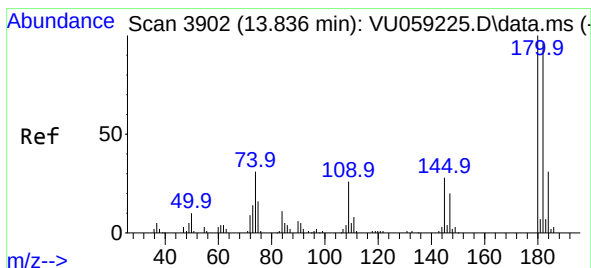
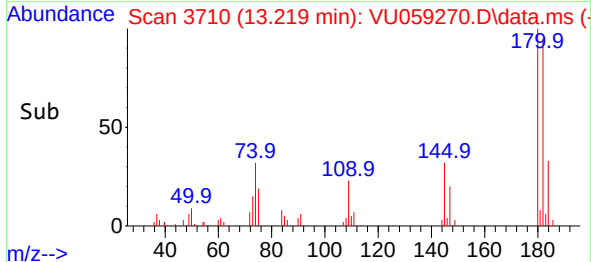
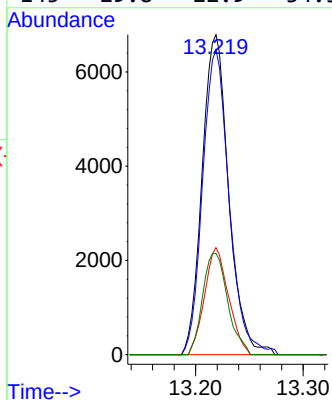


#69
1,3,5-Trichlorobenzene
Concen: 0.965 ug/L
RT: 13.219 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU059270.D
Acq: 17 Jun 2024 10:02

Instrument :
MSVOA_U
ClientSampleId :

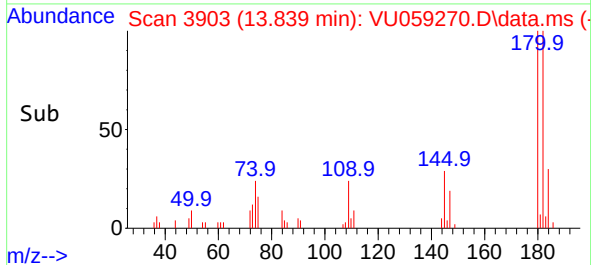
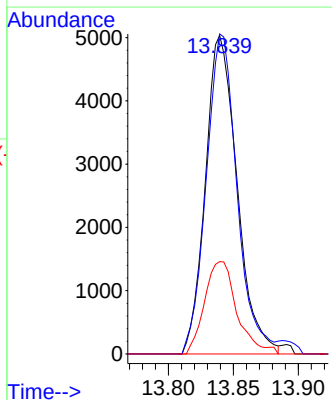
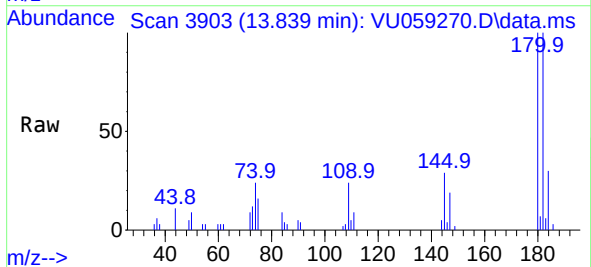


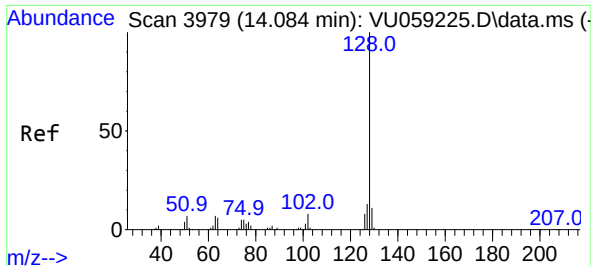
Tgt Ion:180 Resp: 11647
Ion Ratio Lower Upper
180 100
182 95.1 75.4 113.0
184 30.2 23.0 34.6
145 29.8 22.9 34.3



#70
1,2,4-trichlorobenzene
Concen: 0.857 ug/L
RT: 13.839 min Scan# 3903
Delta R.T. 0.003 min
Lab File: VU059270.D
Acq: 17 Jun 2024 10:02

Tgt Ion:180 Resp: 8536
Ion Ratio Lower Upper
180 100
182 97.3 74.9 112.3
145 29.6 23.9 35.9

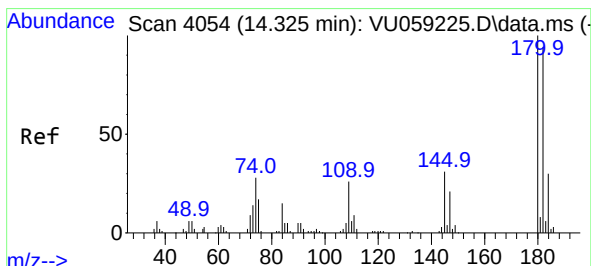
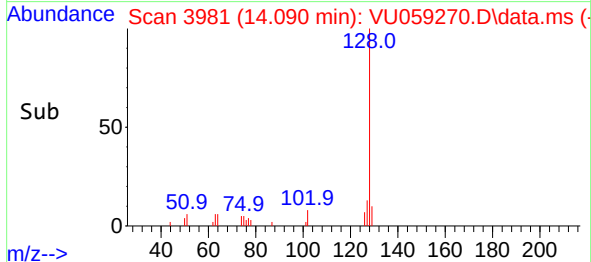
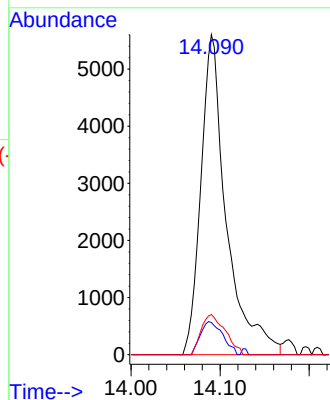
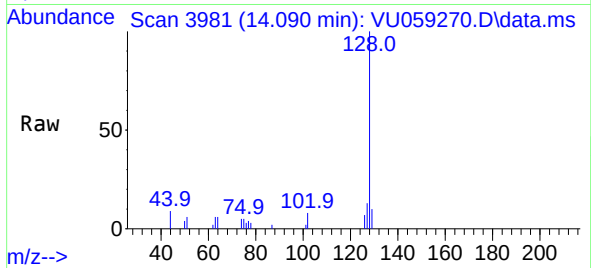




#71
Naphthalene
Concen: 0.741 ug/L
RT: 14.090 min Scan# 3979
Delta R.T. 0.006 min
Lab File: VU059270.D
Acq: 17 Jun 2024 10:02

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128	Resp:	11118
Ion Ratio	Lower	Upper
128	100	
129	9.0	8.2 12.4
127	11.9	10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 0.942 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VU059270.D
Acq: 17 Jun 2024 10:02

Tgt Ion:180	Resp:	8230
Ion Ratio	Lower	Upper
180	100	
182	89.2	77.0 115.6
145	29.1	26.2 39.4

