

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061324\
 Data File : VU059225.D
 Acq On : 13 Jun 2024 08:41
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 14 06:51:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 12 04:24:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	162450	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	159494	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	79931	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	40754	4.142	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.800%
7) Chloroethane-d5	1.911	69	42574	4.787	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.800%
11) 1,1-Dichloroethene-d2	2.563	65	17131	4.272	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.400%
20) 2-Butanone-d5	4.628	46	140216	54.806	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.620%
24) Chloroform-d	5.055	84	105694	5.319	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.400%
26) 1,2-Dichloroethane-d4	5.695	65	51764	5.069	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	5.721	84	191226	5.223	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
36) 1,2-Dichloropropane-d6	6.682	67	63423	5.199	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.000%
41) Toluene-d8	7.891	98	163228	4.899	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
43) trans-1,3-Dichloroprop...	8.177	79	20865	4.984	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.600%
46) 2-Hexanone-d5	8.627	63	101798	50.672	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.340%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	58440	5.547	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	60860	5.063	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	56795	4.779	ug/L	97
3) Chloromethane	1.515	50	65366	4.723	ug/L	98
5) Vinyl chloride	1.599	62	73435	4.953	ug/L	97
6) Bromomethane	1.853	94	44811	4.852	ug/L	95
8) Chloroethane	1.930	64	45932	4.875	ug/L	97
9) Trichlorofluoromethane	2.136	101	92865	4.883	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	60101	5.216	ug/L	100
12) 1,1-Dichloroethene	2.576	96	53248	5.261	ug/L	85
13) Acetone	2.640	43	94953	53.698	ug/L	97
14) Carbon disulfide	2.788	76	151747	4.732	ug/L	99
15) Methyl Acetate	2.949	43	21696	4.937	ug/L	98
16) Methylene chloride	3.039	84	68124	4.962	ug/L	95
17) Methyl tert-butyl Ether	3.354	73	129127	4.908	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	54362	5.101	ug/L	95
19) 1,1-Dichloroethane	3.859	63	117745	5.286	ug/L	98
21) 2-Butanone	4.705	43	146421	51.627	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	65221	5.316	ug/L	98
23) Bromochloromethane	4.968	128	29543	5.453	ug/L	97
25) Chloroform	5.081	83	119700	5.142	ug/L	100

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 ALS Vial : 2 Sample Multiplier: 1

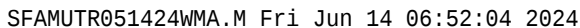
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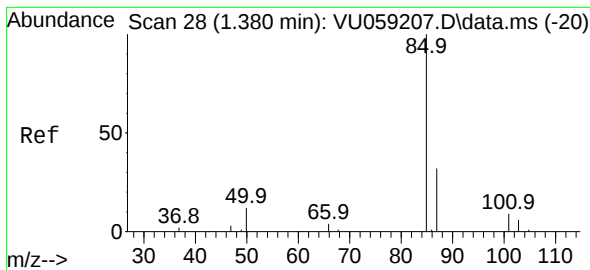
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 12 04:24:49 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	71485	5.027	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	94909	5.322	ug/L	99
30) Cyclohexane	5.380	56	81179	4.815	ug/L	99
31) Carbon tetrachloride	5.518	117	76388	5.135	ug/L	100
33) Benzene	5.766	78	255585	5.452	ug/L	100
34) Trichloroethene	6.537	95	65639	5.293	ug/L	98
35) Methylcyclohexane	6.756	83	90430	5.111	ug/L	99
37) 1,2-Dichloropropane	6.782	63	70386	5.289	ug/L #	98
38) Bromodichloromethane	7.100	83	85436	5.356	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	91293	5.034	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	351953	51.169	ug/L	99
42) Toluene	7.965	91	273510	5.594	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	75019	5.069	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	50604	5.406	ug/L	98
47) Tetrachloroethene	8.547	164	46247	5.235	ug/L	98
48) 2-Hexanone	8.679	43	259900	52.434	ug/L	97
49) Dibromochloromethane	8.804	129	53006	5.369	ug/L	99
50) 1,2-Dibromoethane	8.917	107	43722	5.285	ug/L	99
51) Chlorobenzene	9.441	112	167070	5.362	ug/L	98
52) Ethylbenzene	9.563	91	278749	5.280	ug/L	98
53) m,p-Xylene	9.688	106	107518	5.565	ug/L	96
54) o-Xylene	10.094	106	102561	5.428	ug/L	98
55) Styrene	10.110	104	177688	5.589	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	61361	5.170	ug/L	98
59) Bromoform	10.286	173	30700	5.256	ug/L	98
60) Isopropylbenzene	10.479	105	276143	5.396	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	42698	5.187	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	210922	5.171	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	209776	5.187	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	127877	5.136	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	128923	5.188	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	120805	5.191	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	8546	5.161	ug/L	89
69) 1,3,5-Trichlorobenzene	13.212	180	92432	4.951	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	69309	4.499	ug/L	99
71) Naphthalene	14.084	128	92663	3.991	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	61763	4.568	ug/L	99

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

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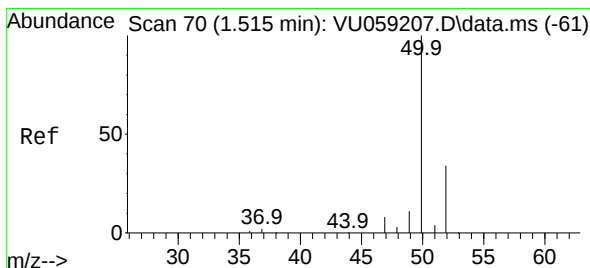
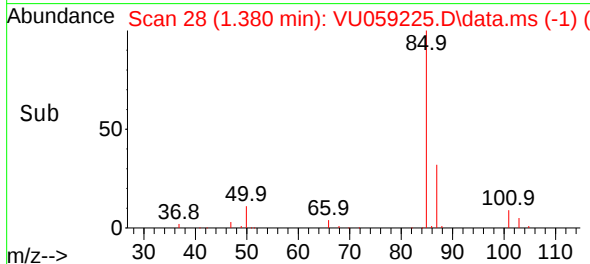
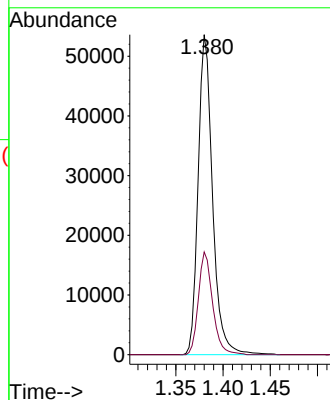
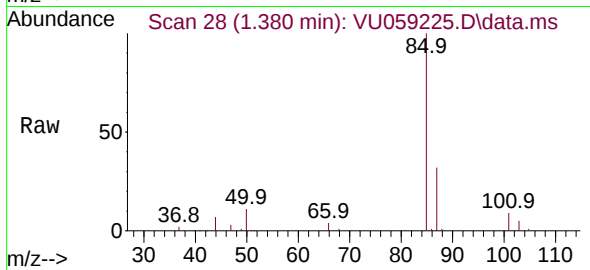




#2
 Dichlorodifluoromethane
 Concen: 4.779 ug/L
 RT: 1.380 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU059225.D
 Acq: 13 Jun 2024 08:41

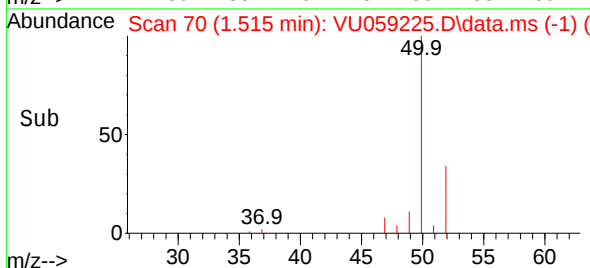
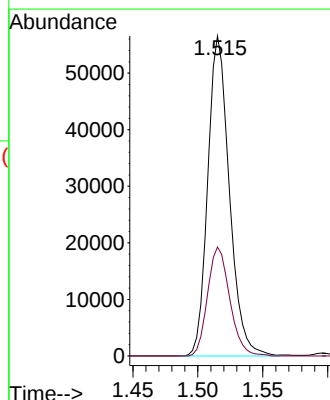
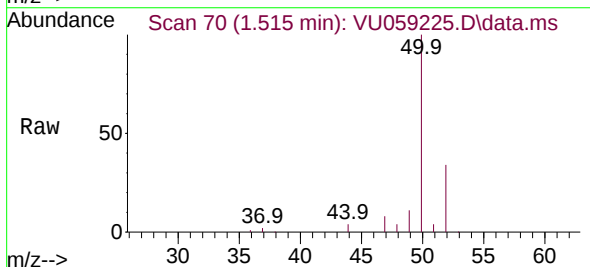
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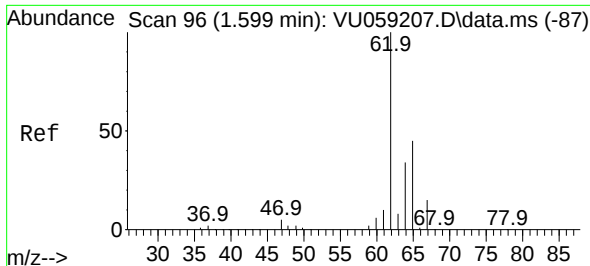
Tgt Ion: 85 Resp: 56795
 Ion Ratio Lower Upper
 85 100
 87 31.6 26.6 40.0



#3
 Chloromethane
 Concen: 4.723 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU059225.D
 Acq: 13 Jun 2024 08:41

Tgt Ion: 50 Resp: 65366
 Ion Ratio Lower Upper
 50 100
 52 34.1 23.2 43.0

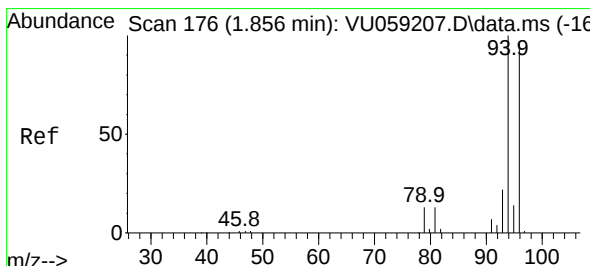
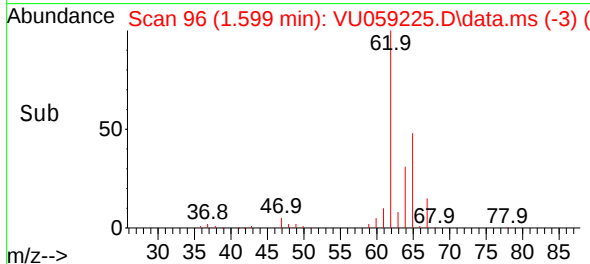
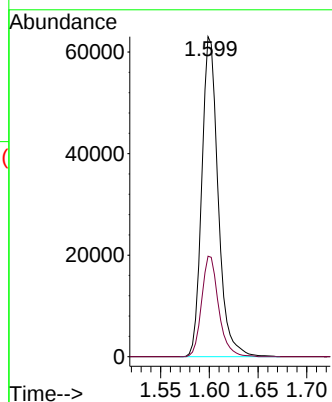
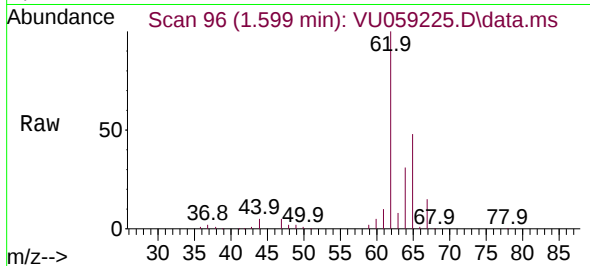




#5
 Vinyl chloride
 Concen: 4.953 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU059225.D
 Acq: 13 Jun 2024 08:41

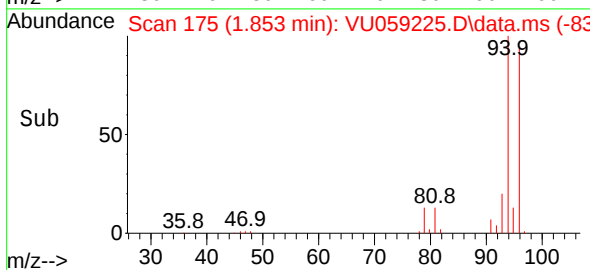
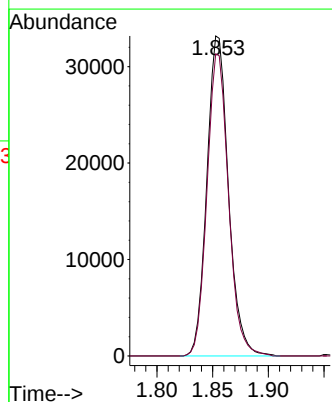
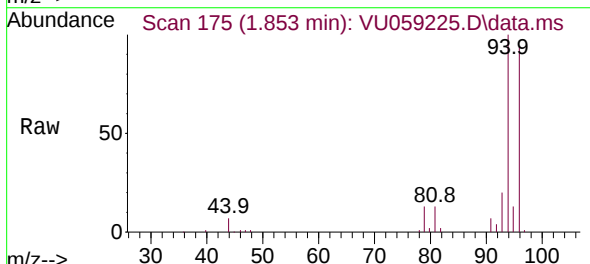
Instrument :
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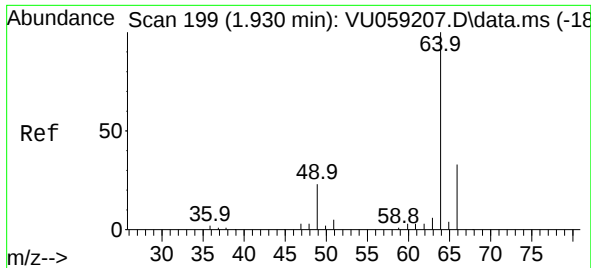
Tgt Ion: 62 Resp: 73435
 Ion Ratio Lower Upper
 62 100
 64 31.4 23.1 42.9



#6
 Bromomethane
 Concen: 4.852 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.003 min
 Lab File: VU059225.D
 Acq: 13 Jun 2024 08:41

Tgt Ion: 94 Resp: 44811
 Ion Ratio Lower Upper
 94 100
 96 94.4 62.9 116.9

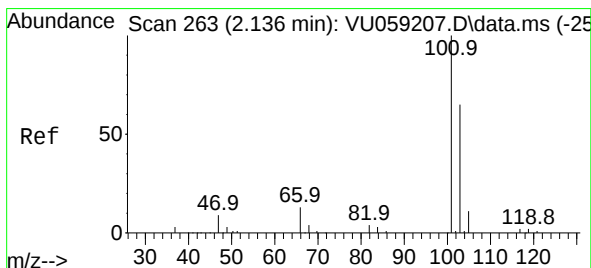
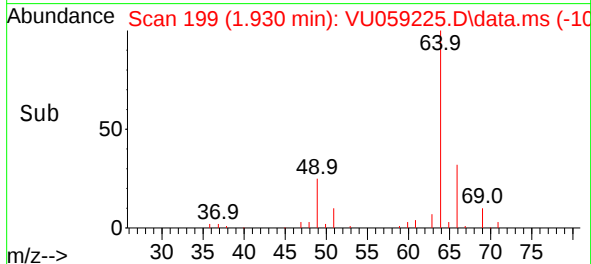
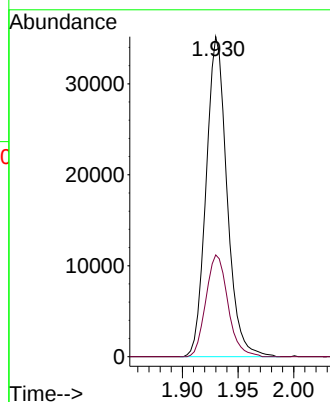
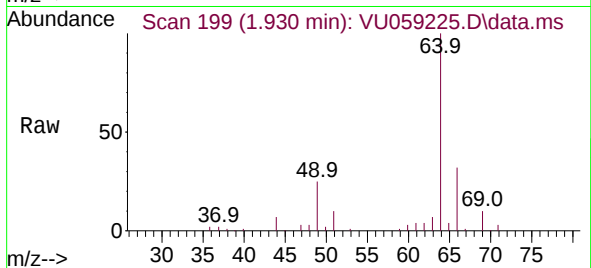




#8
Chloroethane
Concen: 4.875 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU059225.D
Acq: 13 Jun 2024 08:41

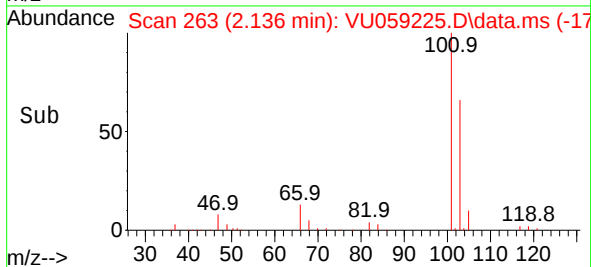
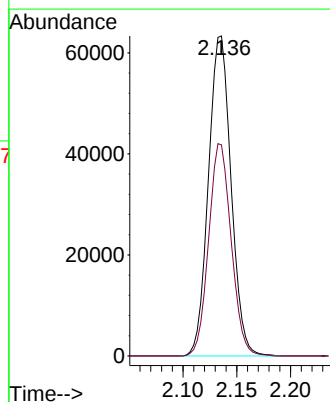
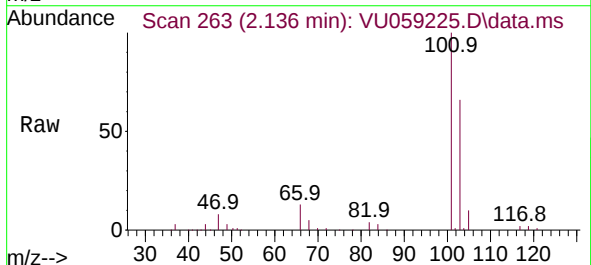
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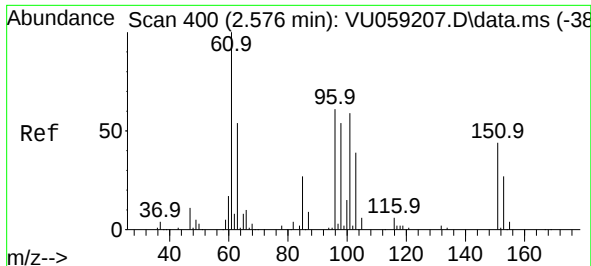
Tgt Ion: 64 Resp: 45932
Ion Ratio Lower Upper
64 100
66 31.8 23.2 43.2



#9
Trichlorofluoromethane
Concen: 4.883 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.000 min
Lab File: VU059225.D
Acq: 13 Jun 2024 08:41

Tgt Ion:101 Resp: 92865
Ion Ratio Lower Upper
101 100
103 66.0 52.6 79.0

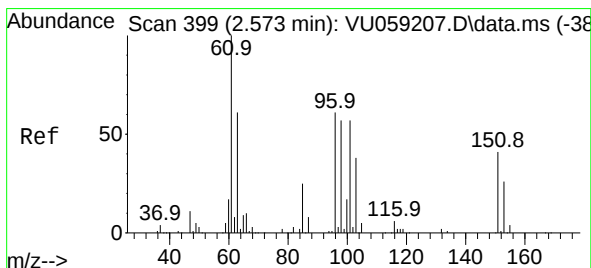
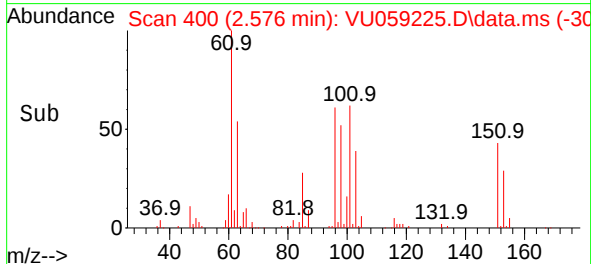
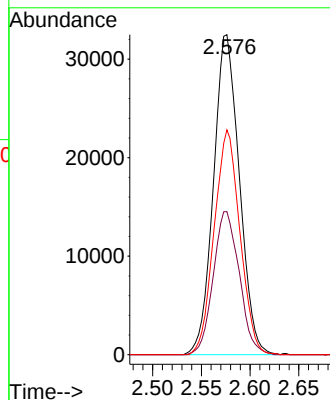
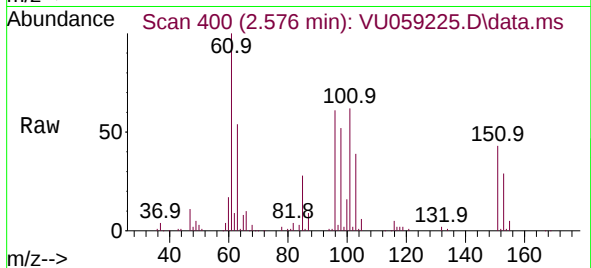




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.216 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU059225.D
Acq: 13 Jun 2024 08:41

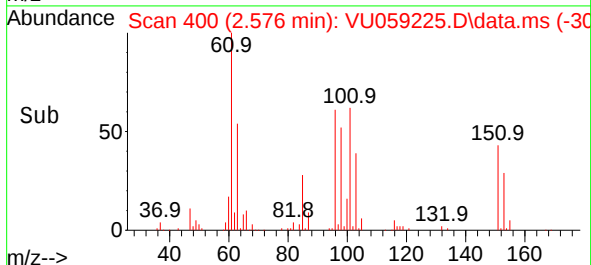
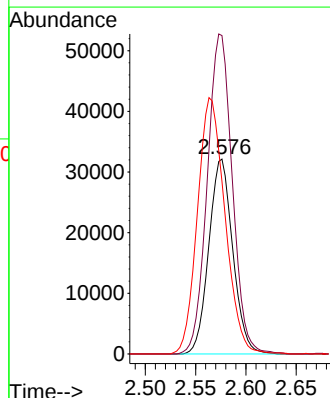
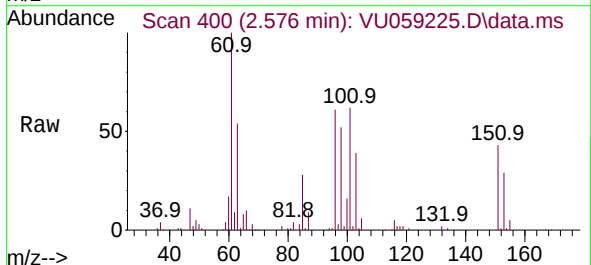
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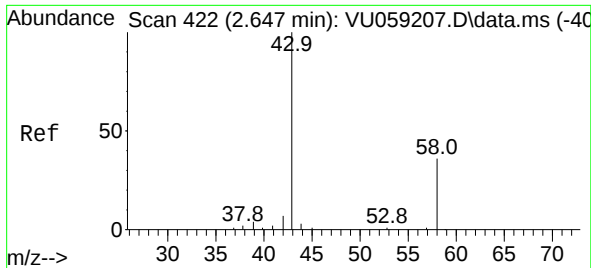
Tgt Ion:101 Resp: 60101
Ion Ratio Lower Upper
101 100
85 44.9 36.2 54.4
151 69.8 55.5 83.3



#12
1,1-Dichloroethene
Concen: 5.261 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU059225.D
Acq: 13 Jun 2024 08:41

Tgt Ion: 96 Resp: 53248
Ion Ratio Lower Upper
96 100
61 163.3 122.9 228.3
63 88.5 80.4 149.4





#13

Acetone

Concen: 53.698 ug/L

RT: 2.640 min Scan# 41

Delta R.T. -0.006 min

Lab File: VU059225.D

Acq: 13 Jun 2024 08:41

Instrument :

MSVOA_U

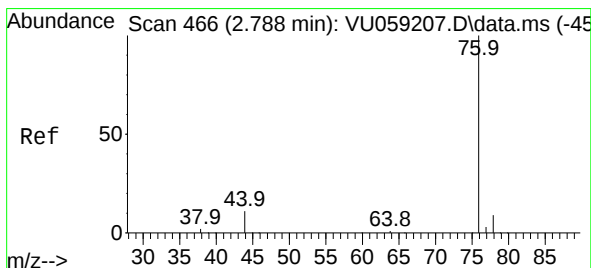
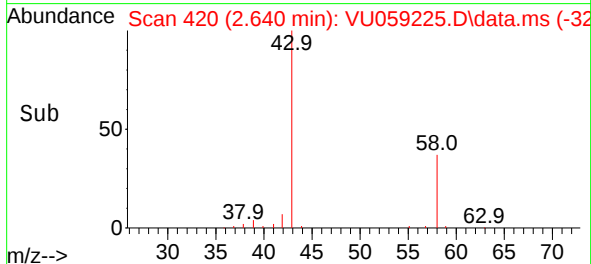
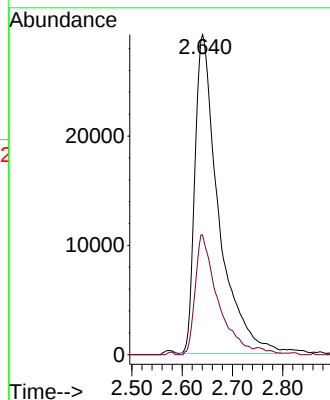
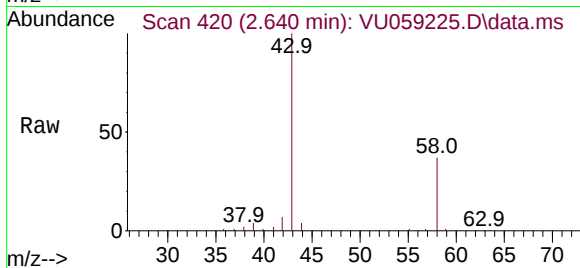
ClientSampleId :

Tgt Ion: 43 Resp: 94953

Ion Ratio Lower Upper

43 100

58 35.7 0.0 68.0



#14

Carbon disulfide

Concen: 4.732 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU059225.D

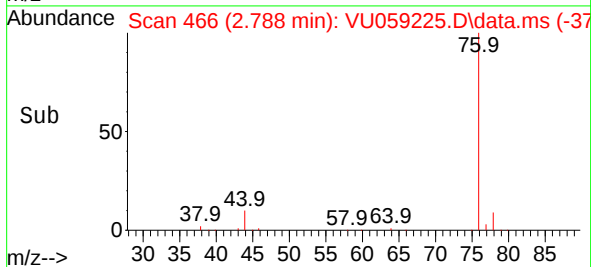
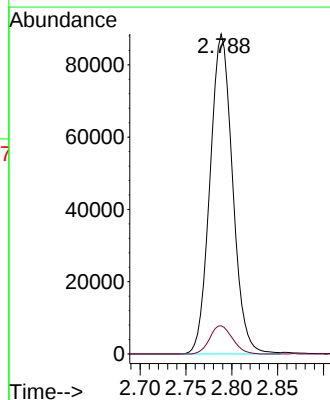
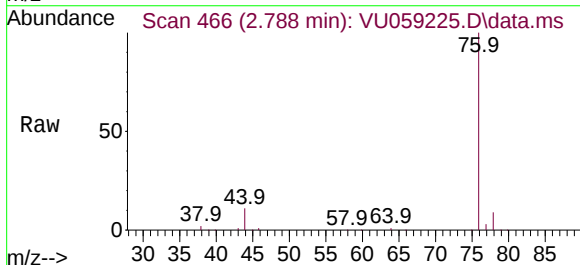
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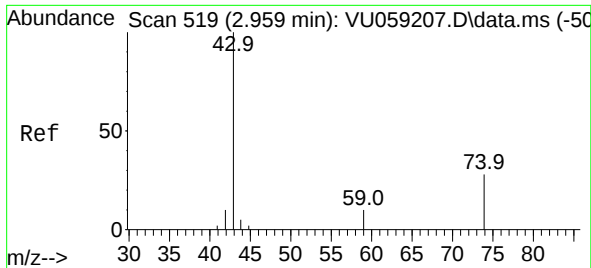
Tgt Ion: 76 Resp: 151747

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9

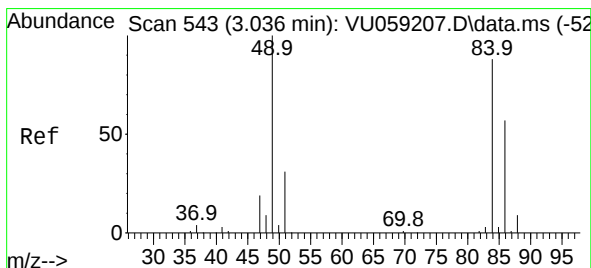
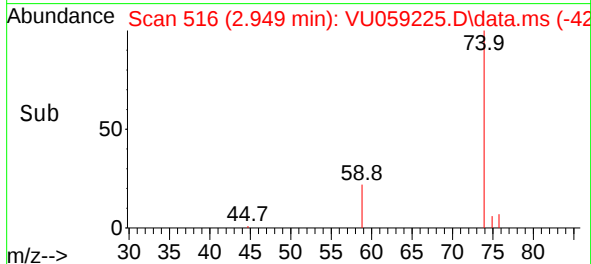
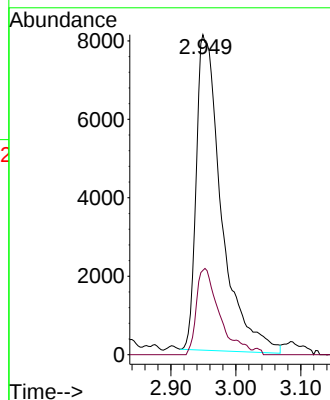
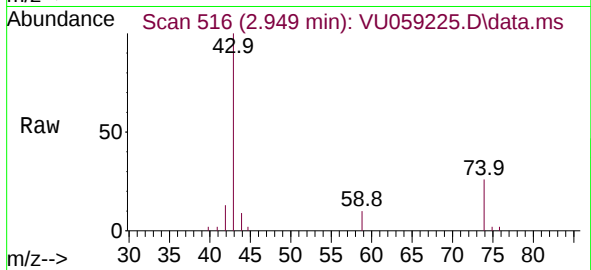




#15
Methyl Acetate
Concen: 4.937 ug/L
RT: 2.949 min Scan# 519
Delta R.T. -0.010 min
Lab File: VU059225.D
Acq: 13 Jun 2024 08:41

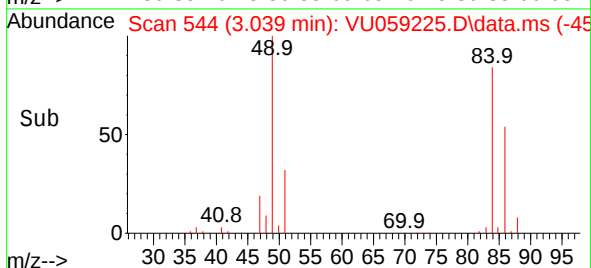
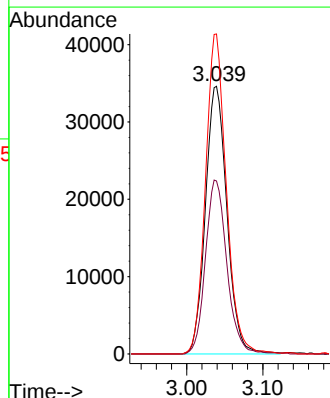
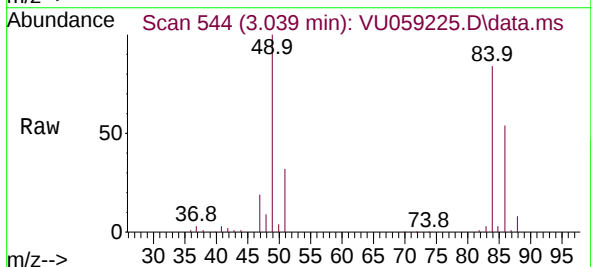
Instrument :
MSVOA_U
ClientSampleId :

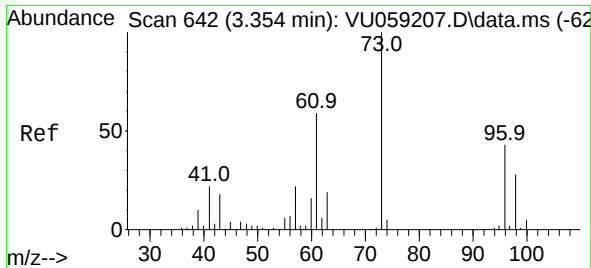
Tgt Ion: 43 Resp: 21696
Ion Ratio Lower Upper
43 100
74 25.0 19.2 28.8



#16
Methylene chloride
Concen: 4.962 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU059225.D
Acq: 13 Jun 2024 08:41

Tgt Ion: 84 Resp: 68124
Ion Ratio Lower Upper
84 100
86 64.6 42.1 78.1
49 119.6 80.6 149.8

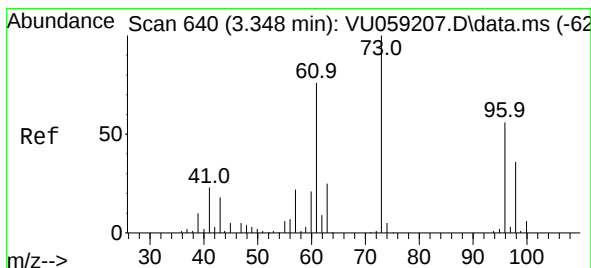
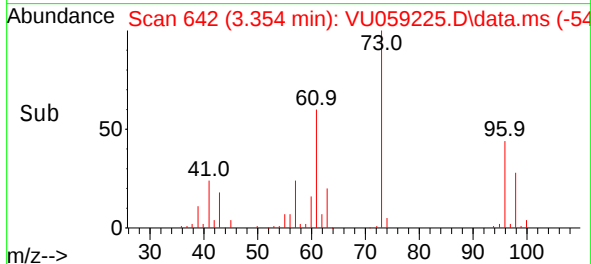
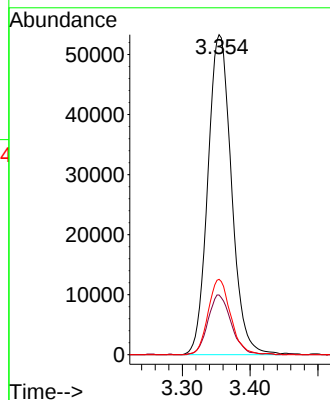
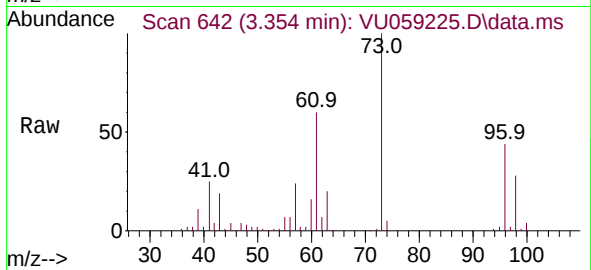




#17
Methyl tert-butyl Ether
Concen: 4.908 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU059225.D
Acq: 13 Jun 2024 08:41

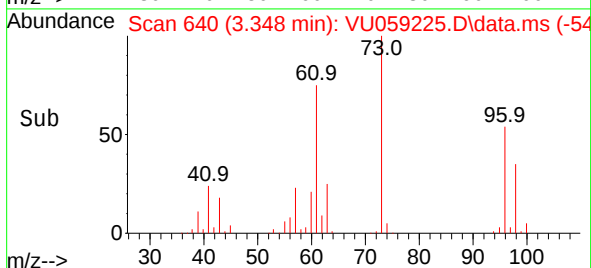
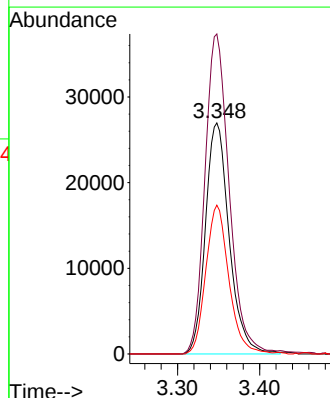
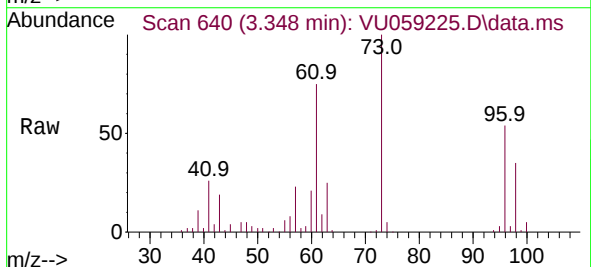
Instrument :
MSVOA_U
ClientSampleId :

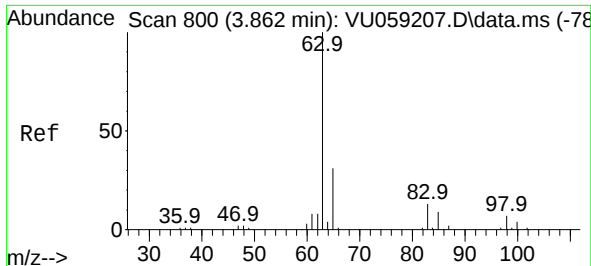
Tgt Ion: 73 Resp: 129127
Ion Ratio Lower Upper
73 100
43 18.5 14.9 22.3
57 22.3 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 5.101 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU059225.D
Acq: 13 Jun 2024 08:41

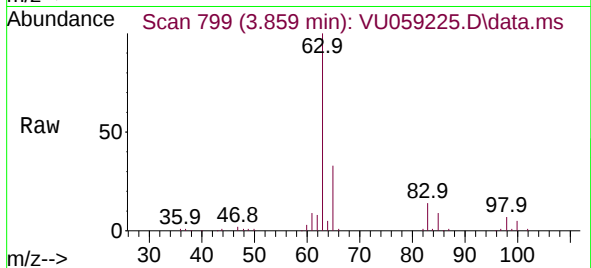
Tgt Ion: 96 Resp: 54362
Ion Ratio Lower Upper
96 100
61 138.5 101.8 189.0
98 64.4 43.3 80.5



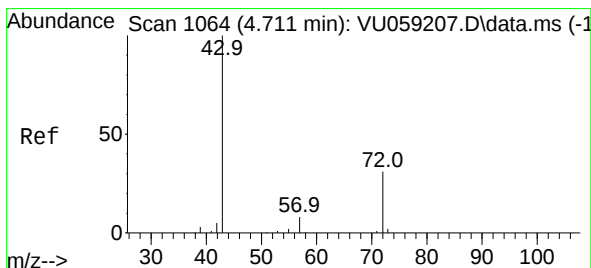
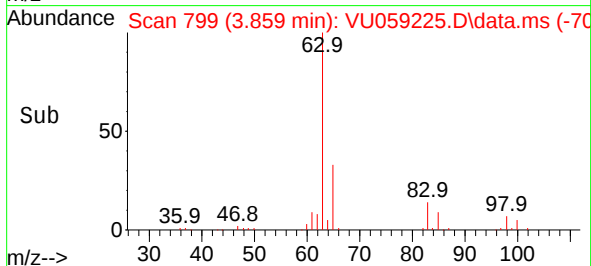
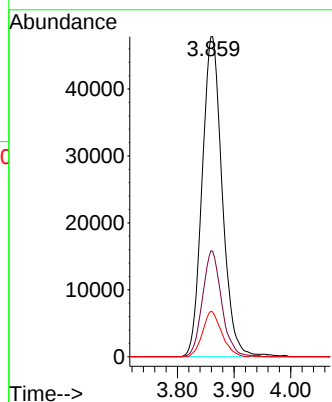


#19
1,1-Dichloroethane
Concen: 5.286 ug/L
RT: 3.859 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU059225.D
Acq: 13 Jun 2024 08:41

Instrument :
MSVOA_U
ClientSampleId :

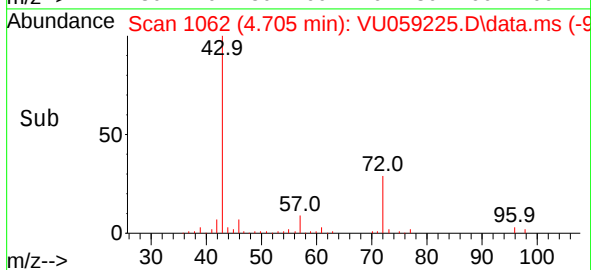
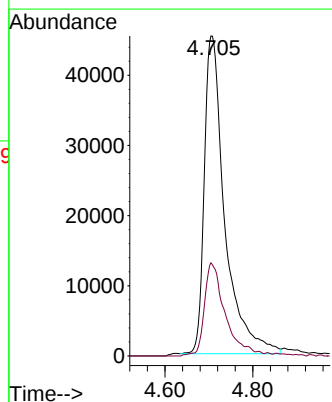
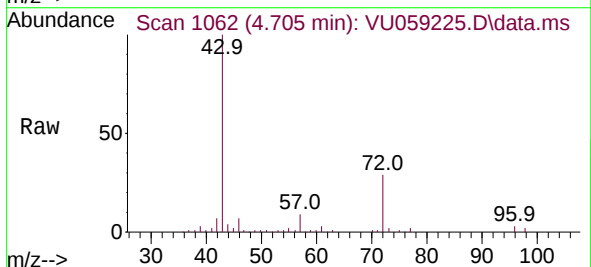


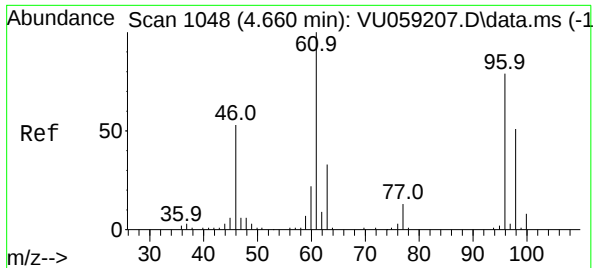
Tgt Ion: 63 Resp: 117745
Ion Ratio Lower Upper
63 100
65 33.1 21.8 40.6
83 14.2 9.9 18.5



#21
2-Butanone
Concen: 51.627 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VU059225.D
Acq: 13 Jun 2024 08:41

Tgt Ion: 43 Resp: 146421
Ion Ratio Lower Upper
43 100
72 29.3 13.8 41.4

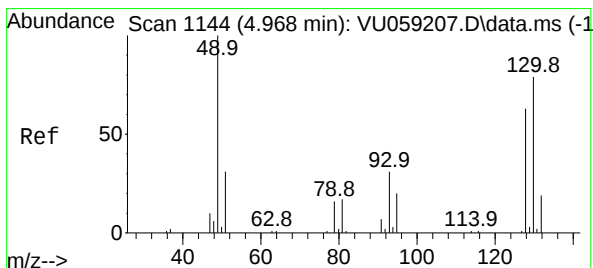
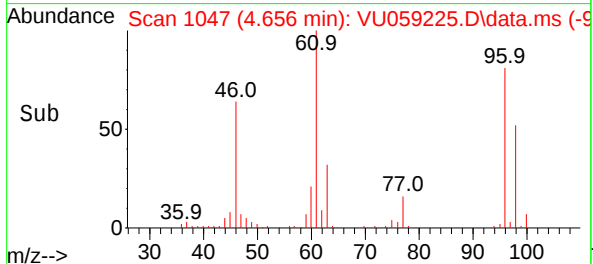
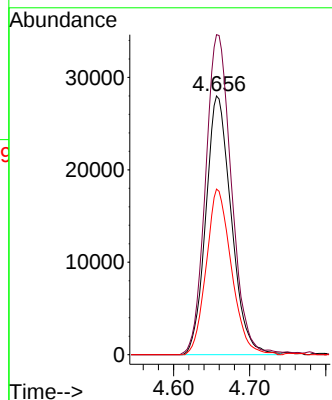
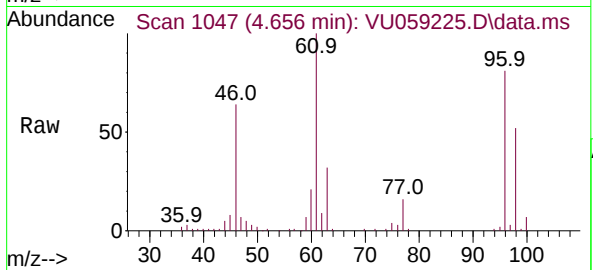




#22
 cis-1,2-Dichloroethene
 Concen: 5.316 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.003 min
 Lab File: VU059225.D
 Acq: 13 Jun 2024 08:41

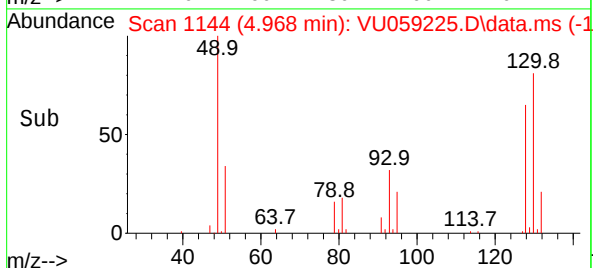
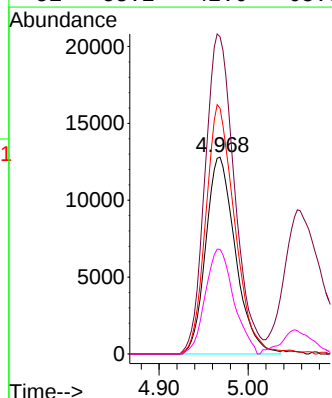
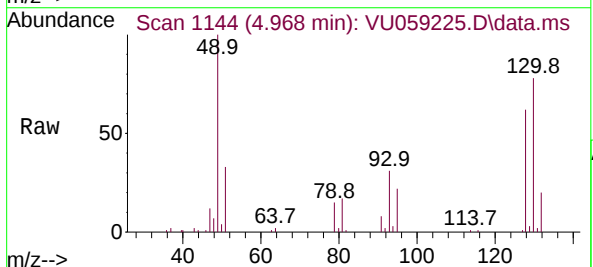
Instrument :
 MSVOA_U
 ClientSampleId :

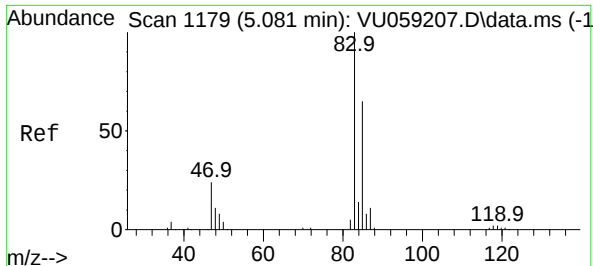
Tgt Ion: 96 Resp: 65221
 Ion Ratio Lower Upper
 96 100
 61 123.7 87.4 162.2
 98 64.0 42.3 78.5



#23
 Bromochloromethane
 Concen: 5.453 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU059225.D
 Acq: 13 Jun 2024 08:41

Tgt Ion:128 Resp: 29543
 Ion Ratio Lower Upper
 128 100
 49 161.1 117.0 217.4
 130 124.9 89.6 166.4
 51 53.2 42.0 63.0

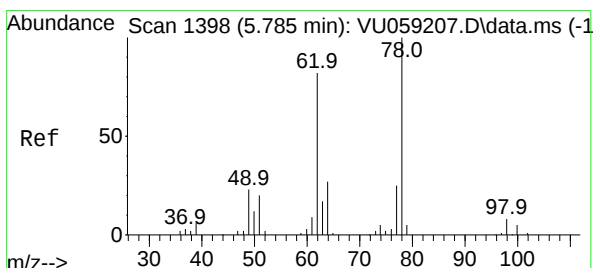
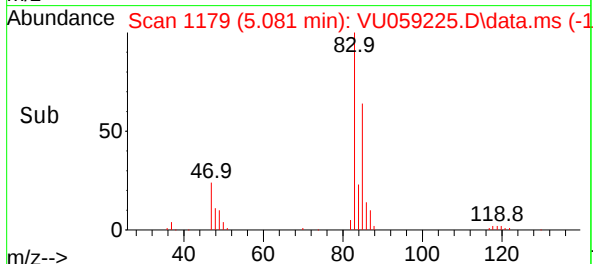
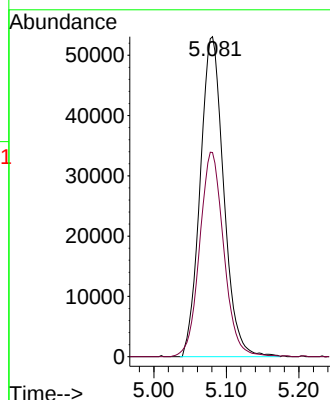
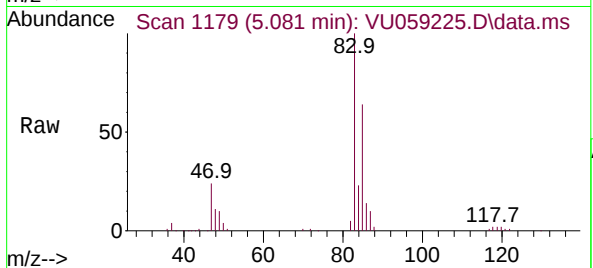




#25
Chloroform
Concen: 5.142 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VU059225.D
Acq: 13 Jun 2024 08:41

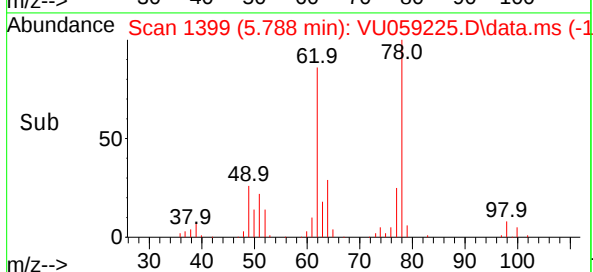
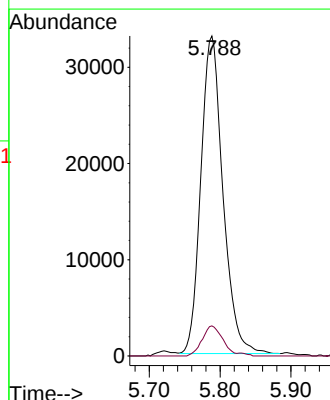
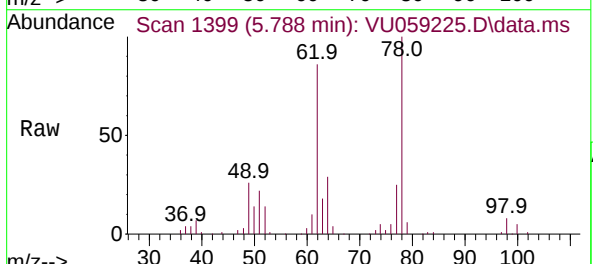
Instrument :
MSVOA_U
ClientSampleId :

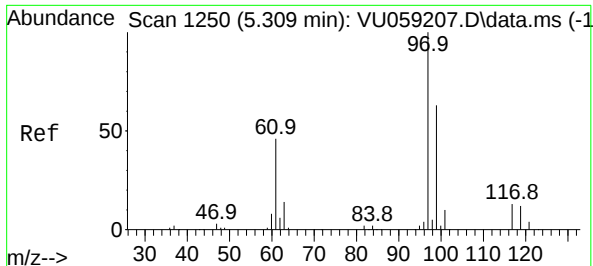
Tgt Ion: 83 Resp: 119700
Ion Ratio Lower Upper
83 100
85 63.8 44.7 83.1



#27
1,2-Dichloroethane
Concen: 5.027 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. 0.003 min
Lab File: VU059225.D
Acq: 13 Jun 2024 08:41

Tgt Ion: 62 Resp: 71485
Ion Ratio Lower Upper
62 100
98 9.4 7.5 11.3

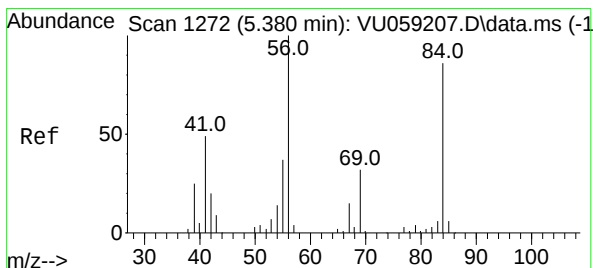
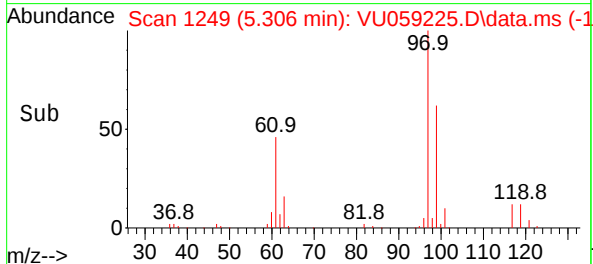
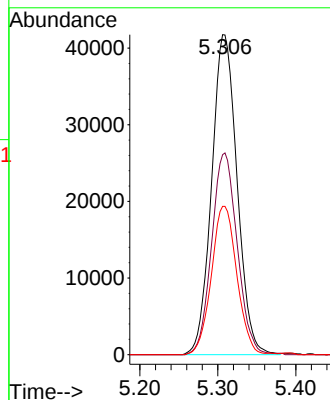
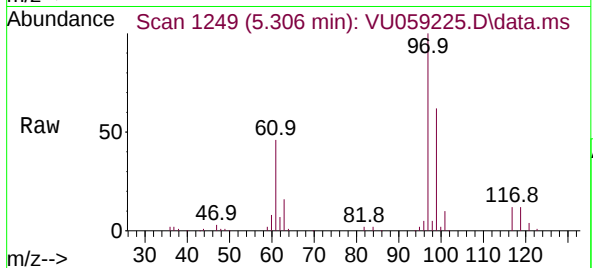




#29
1,1,1-Trichloroethane
Concen: 5.322 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.003 min
Lab File: VU059225.D
Acq: 13 Jun 2024 08:41

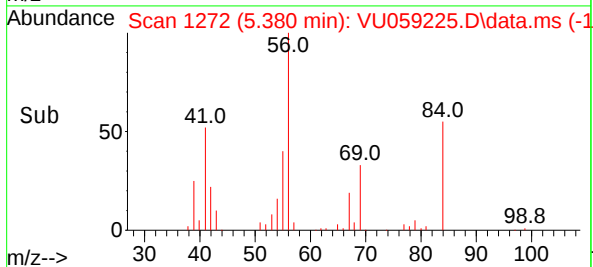
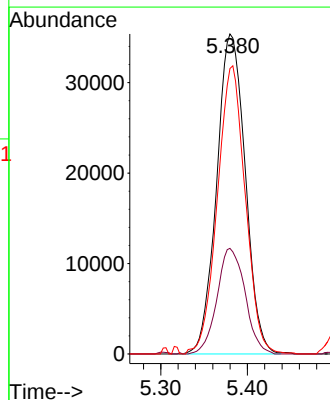
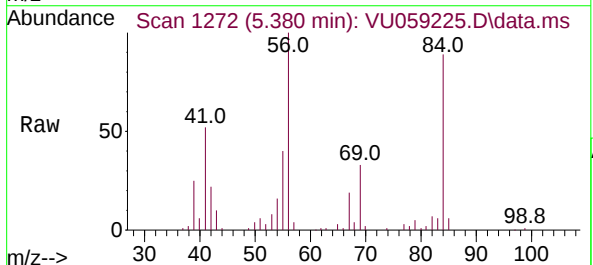
Instrument :
MSVOA_U
ClientSampleId :

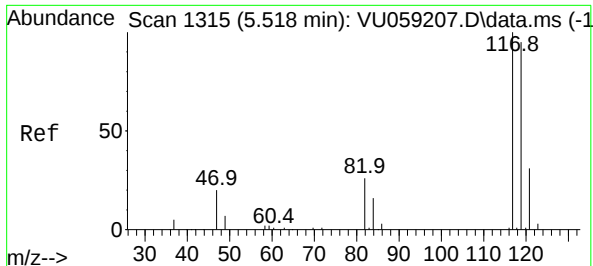
Tgt Ion: 97	Resp: 94909
Ion Ratio	Lower Upper
97 100	
99 63.2	51.8 77.6
61 46.2	37.4 56.2



#30
Cyclohexane
Concen: 4.815 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU059225.D
Acq: 13 Jun 2024 08:41

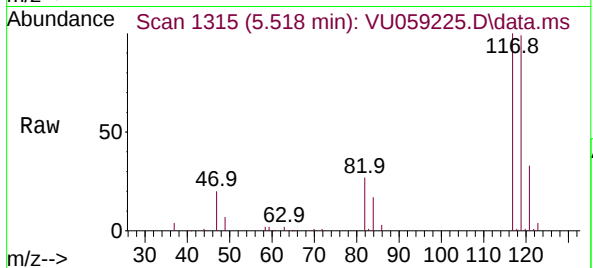
Tgt Ion: 56	Resp: 81179
Ion Ratio	Lower Upper
56 100	
69 32.3	24.8 37.2
84 87.9	69.8 104.8



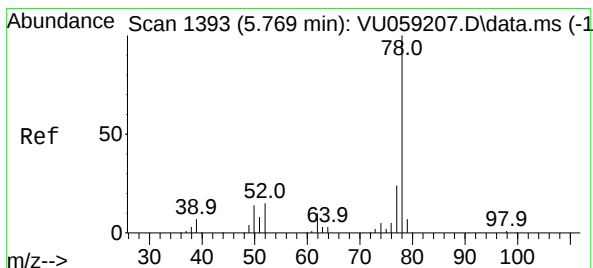
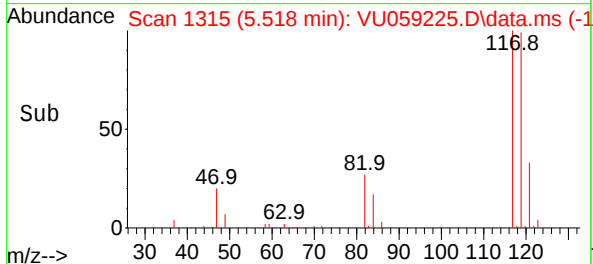
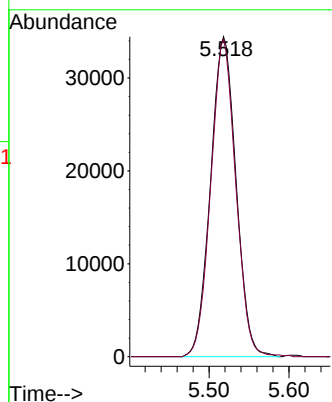


#31
Carbon tetrachloride
Concen: 5.135 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU059225.D
Acq: 13 Jun 2024 08:41

Instrument :
MSVOA_U
ClientSampleId :

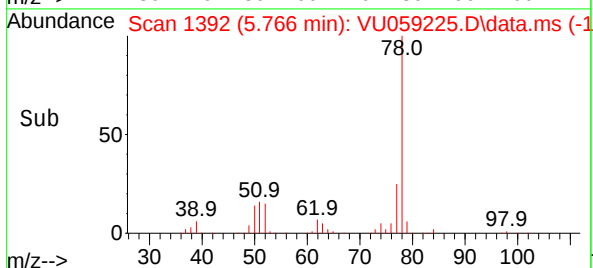
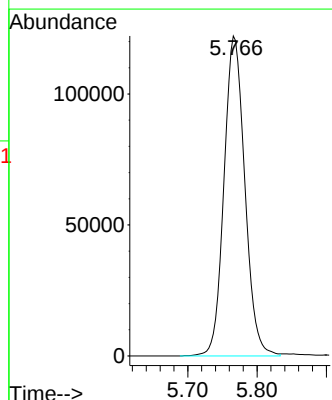
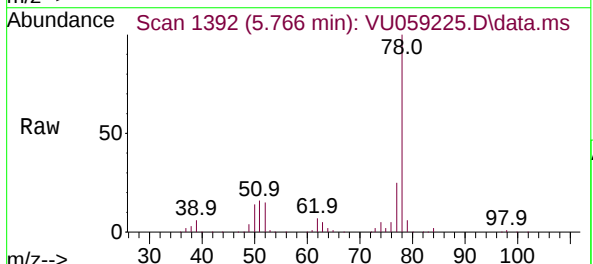


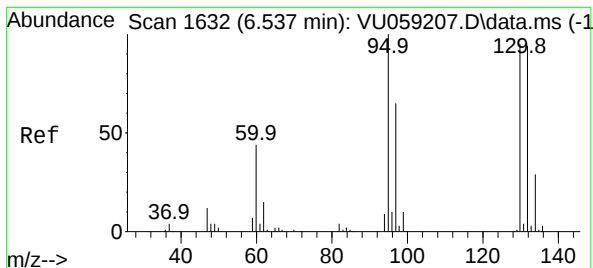
Tgt Ion:117 Resp: 76388
Ion Ratio Lower Upper
117 100
119 96.7 77.5 116.3



#33
Benzene
Concen: 5.452 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.003 min
Lab File: VU059225.D
Acq: 13 Jun 2024 08:41

Tgt Ion: 78 Resp: 255585





#34

Trichloroethene

Concen: 5.293 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.000 min

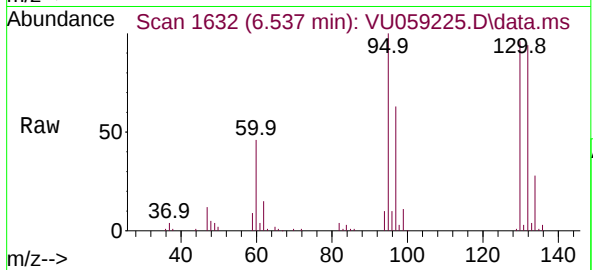
Lab File: VU059225.D

Acq: 13 Jun 2024 08:41

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 65639

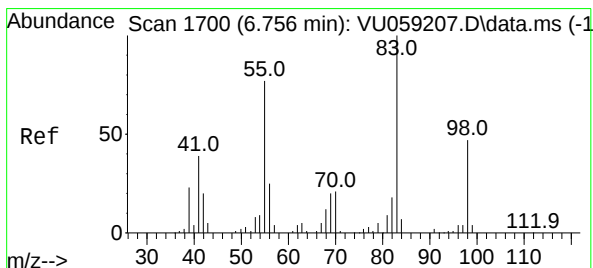
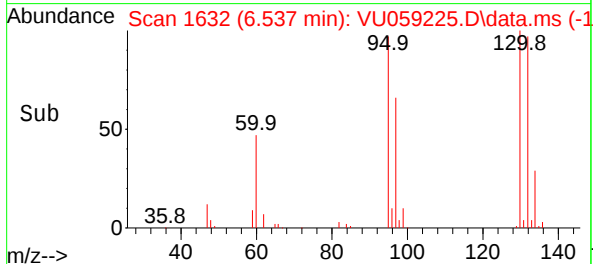
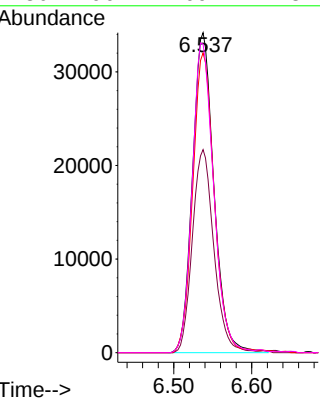
Ion Ratio Lower Upper

95 100

97 63.4 45.3 84.1

132 93.7 64.0 119.0

130 96.4 69.1 128.3



#35

Methylcyclohexane

Concen: 5.111 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU059225.D

Acq: 13 Jun 2024 08:41

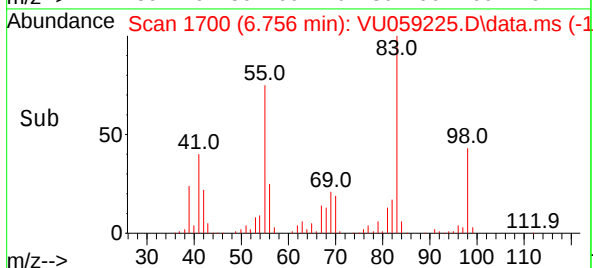
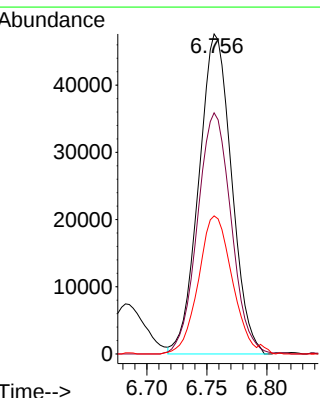
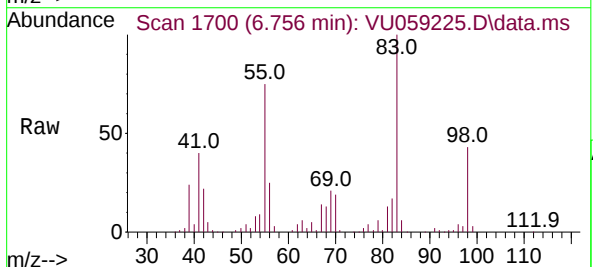
Tgt Ion: 83 Resp: 90430

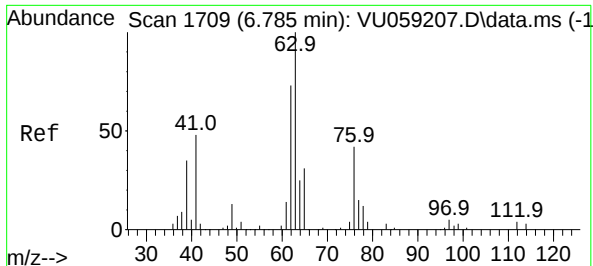
Ion Ratio Lower Upper

83 100

55 77.4 62.7 94.1

98 44.8 35.4 53.0

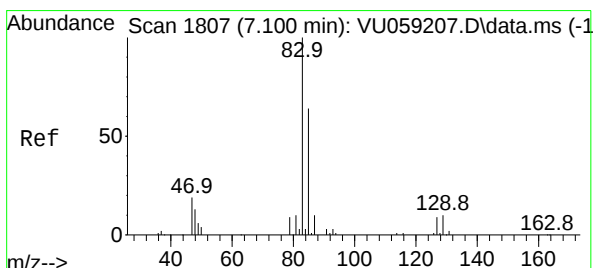
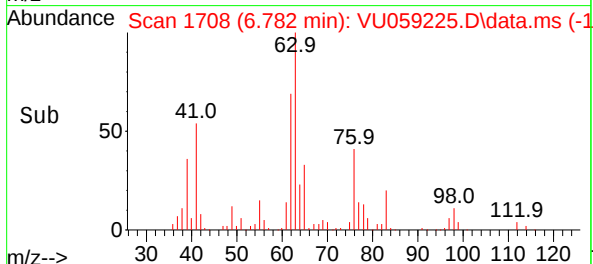
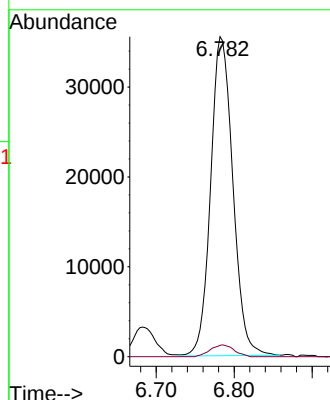
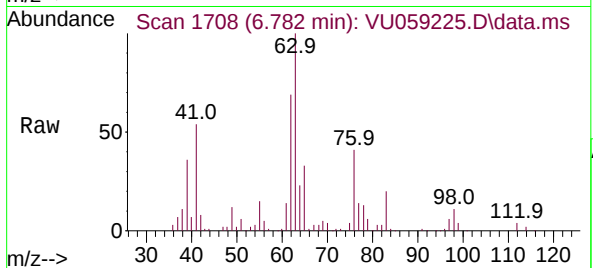




#37
1,2-Dichloropropane
Concen: 5.289 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU059225.D
Acq: 13 Jun 2024 08:41

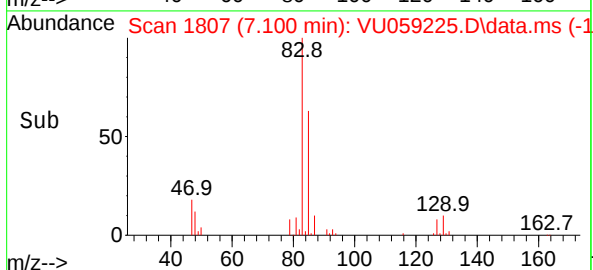
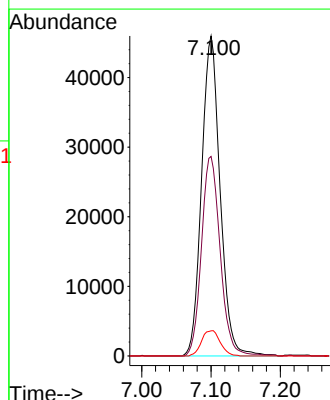
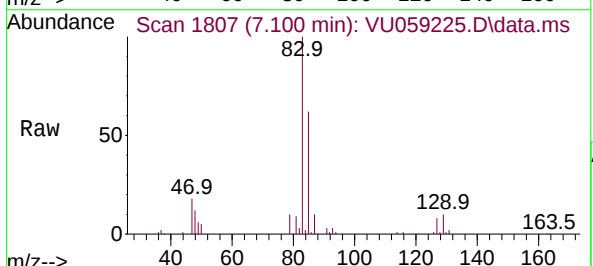
Instrument :
MSVOA_U
ClientSampleId :

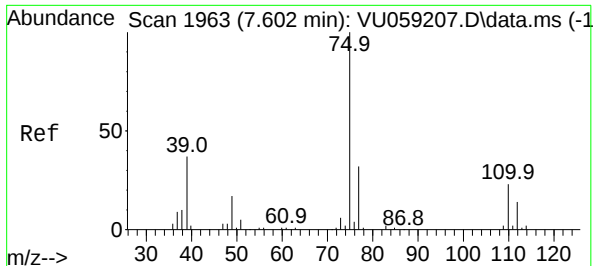
Tgt Ion: 63 Resp: 70386
Ion Ratio Lower Upper
63 100
112 3.9 2.6 3.8#



#38
Bromodichloromethane
Concen: 5.356 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU059225.D
Acq: 13 Jun 2024 08:41

Tgt Ion: 83 Resp: 85436
Ion Ratio Lower Upper
83 100
85 62.3 42.7 79.3
127 7.9 6.1 9.1

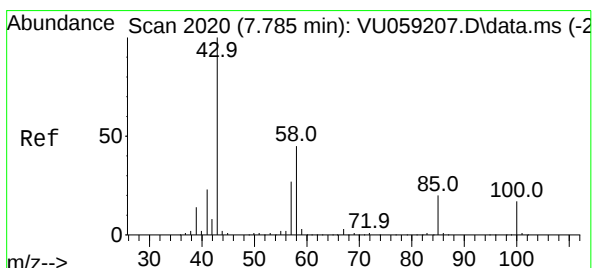
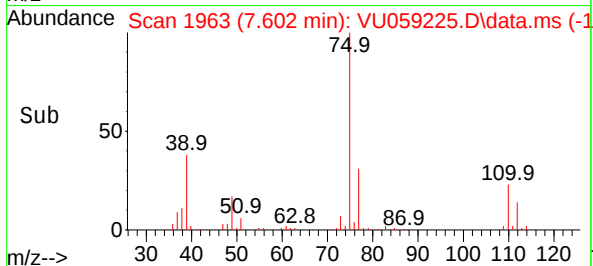
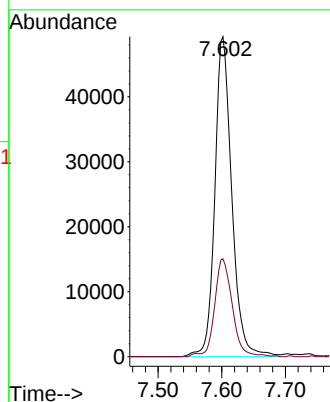
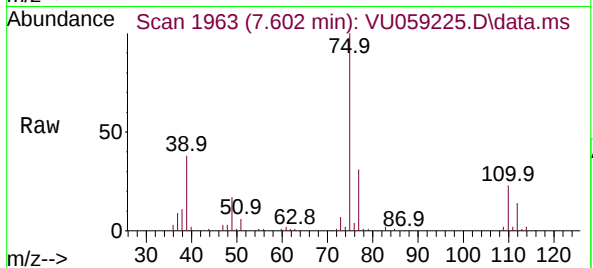




#39
cis-1,3-Dichloropropene
Concen: 5.034 ug/L
RT: 7.602 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VU059225.D
Acq: 13 Jun 2024 08:41

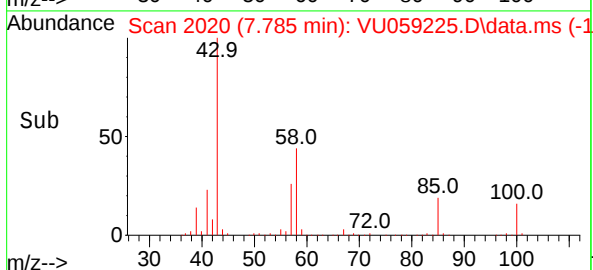
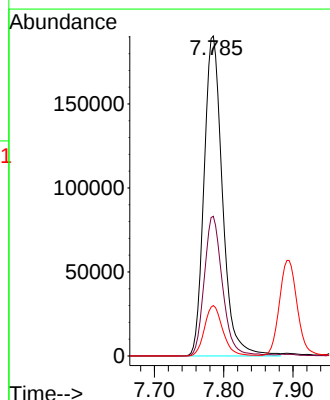
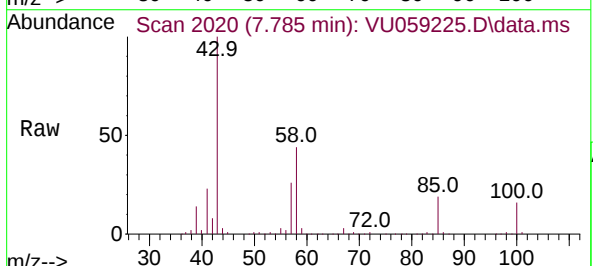
Instrument :
MSVOA_U
ClientSampleId :

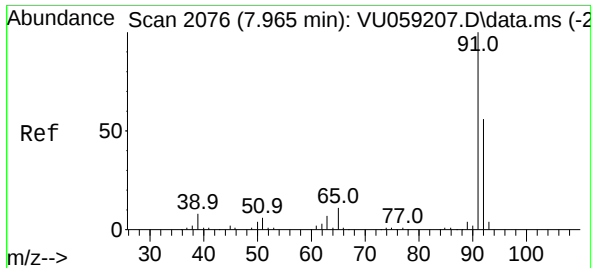
Tgt Ion: 75 Resp: 91293
Ion Ratio Lower Upper
75 100
77 30.6 22.0 40.8



#40
4-Methyl-2-pentanone
Concen: 51.169 ug/L
RT: 7.785 min Scan# 2020
Delta R.T. 0.000 min
Lab File: VU059225.D
Acq: 13 Jun 2024 08:41

Tgt Ion: 43 Resp: 351953
Ion Ratio Lower Upper
43 100
58 43.3 34.0 51.0
100 15.7 12.1 18.1





#42

Toluene

Concen: 5.594 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU059225.D

Acq: 13 Jun 2024 08:41

Instrument :

MSVOA_U

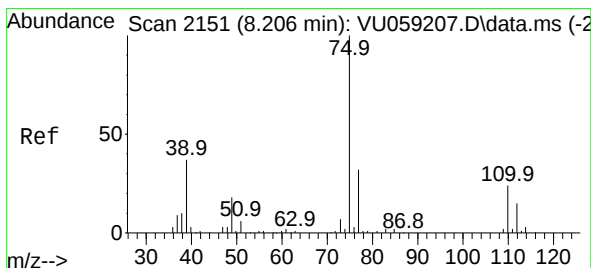
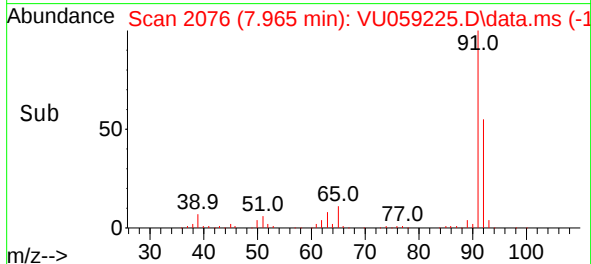
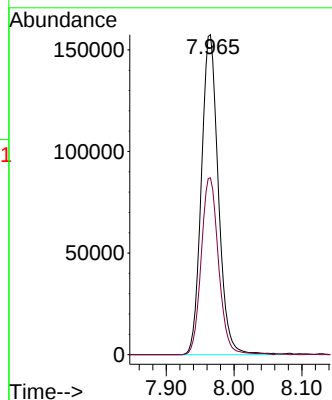
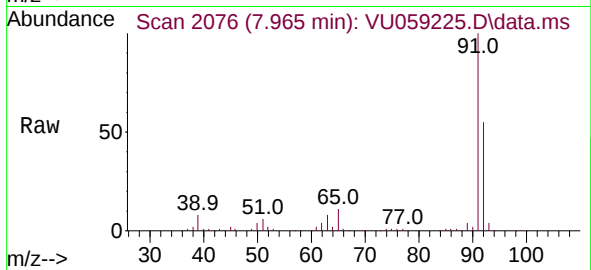
ClientSampleId :

Tgt Ion: 91 Resp: 273510

Ion Ratio Lower Upper

91 100

92 55.2 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 5.069 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU059225.D

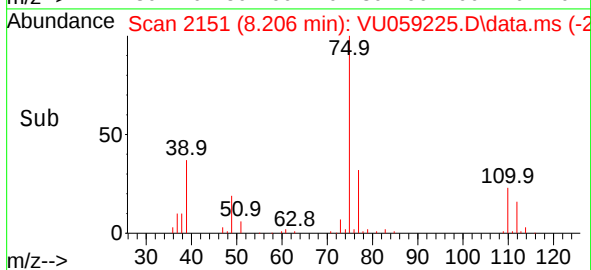
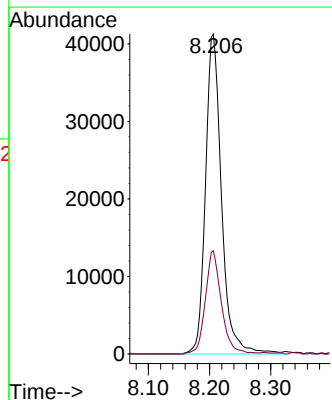
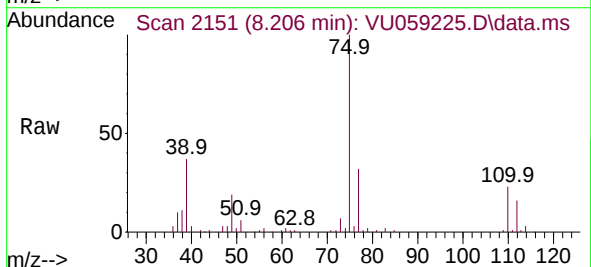
Acq: 13 Jun 2024 08:41

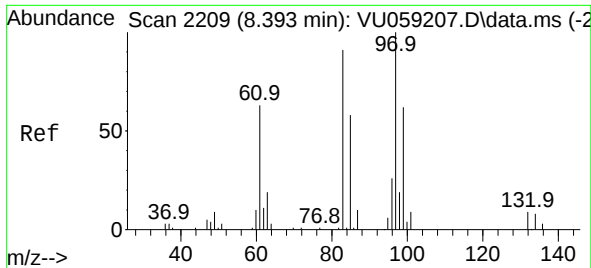
Tgt Ion: 75 Resp: 75019

Ion Ratio Lower Upper

75 100

77 32.3 22.0 41.0

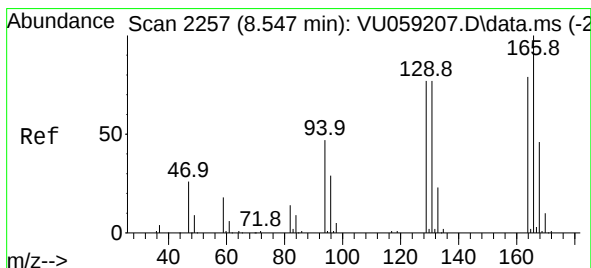
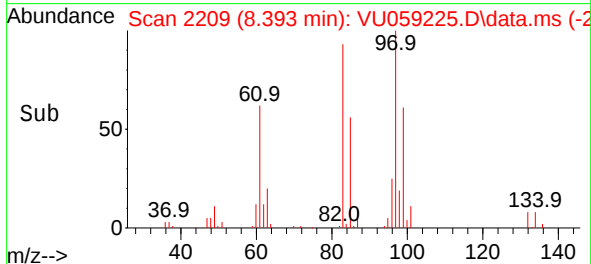
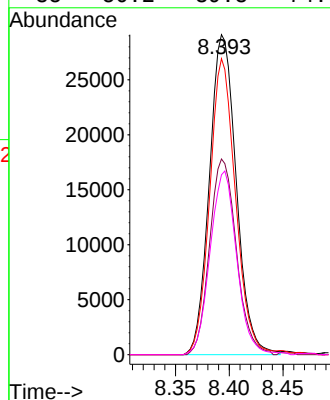
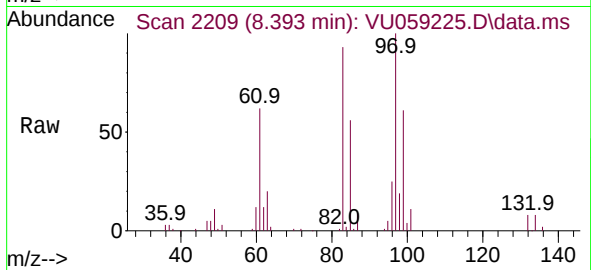




#45
1,1,2-Trichloroethane
Concen: 5.406 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU059225.D
Acq: 13 Jun 2024 08:41

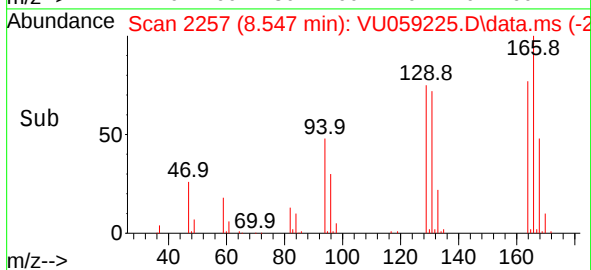
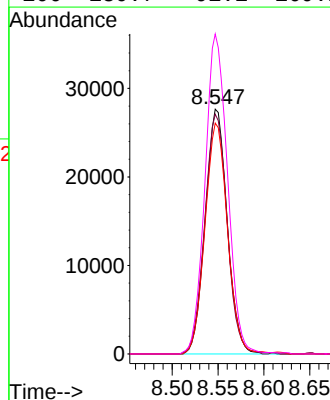
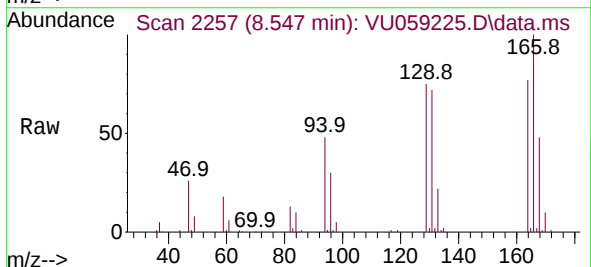
Instrument :
MSVOA_U
ClientSampleId :

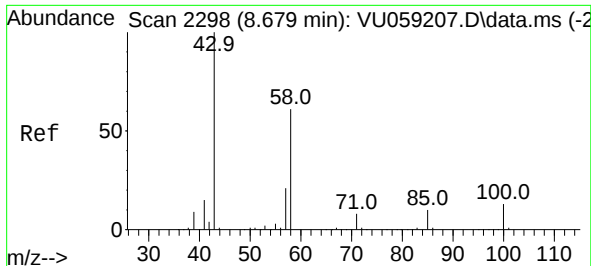
Tgt Ion: 97	Resp: 50604
Ion Ratio	Lower Upper
97 100	
99 61.2	43.3 80.3
83 92.5	62.3 115.7
85 56.2	39.8 74.0



#47
Tetrachloroethene
Concen: 5.235 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU059225.D
Acq: 13 Jun 2024 08:41

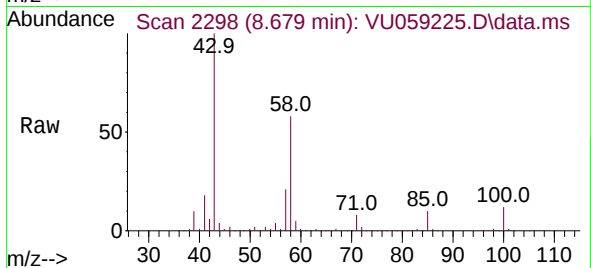
Tgt	Ion:164	Resp:	46247
Ion	Ratio	Lower	Upper
164	100		
129	97.9	70.8	131.4
131	94.3	64.8	120.3
166	130.7	91.1	169.1



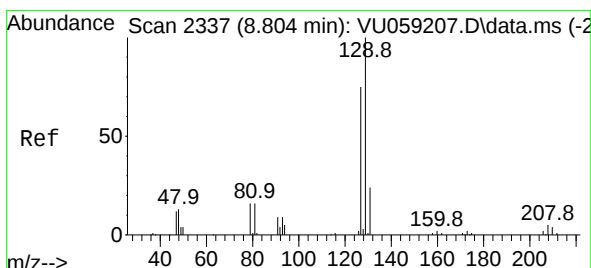
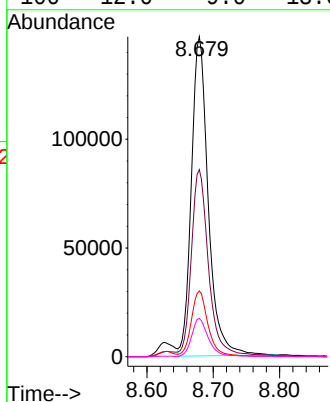
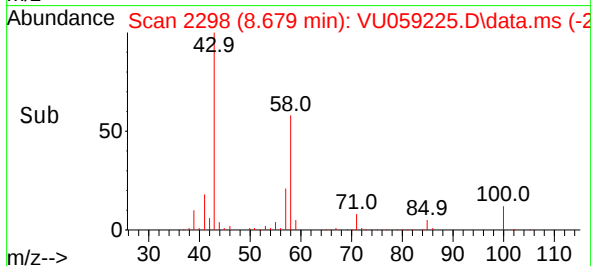


#48
2-Hexanone
Concen: 52.434 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VU059225.D
Acq: 13 Jun 2024 08:41

Instrument :
MSVOA_U
ClientSampleId :

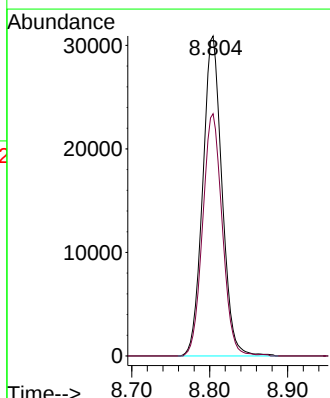
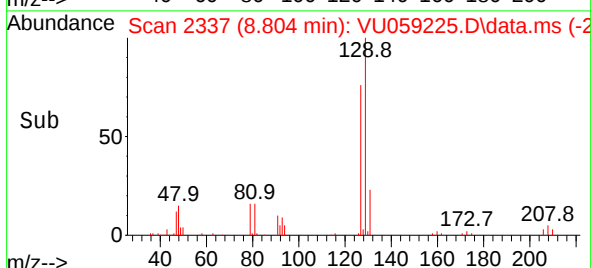
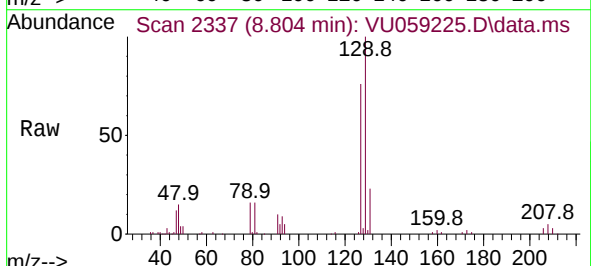


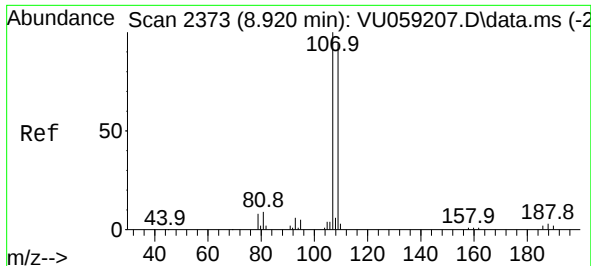
Tgt Ion: 43 Resp: 259900
Ion Ratio Lower Upper
43 100
58 60.4 46.1 69.1
57 20.3 15.5 23.3
100 12.0 9.0 13.6



#49
Dibromochloromethane
Concen: 5.369 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU059225.D
Acq: 13 Jun 2024 08:41

Tgt Ion: 129 Resp: 53006
Ion Ratio Lower Upper
129 100
127 75.7 52.5 97.5





#50

1,2-Dibromoethane

Concen: 5.285 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. -0.003 min

Lab File: VU059225.D

Acq: 13 Jun 2024 08:41

Instrument :

MSVOA_U

ClientSampleId :

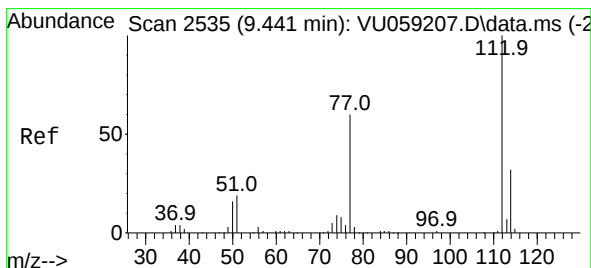
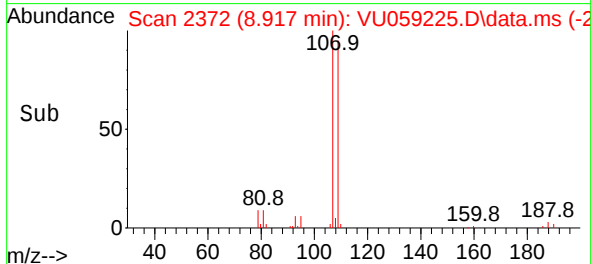
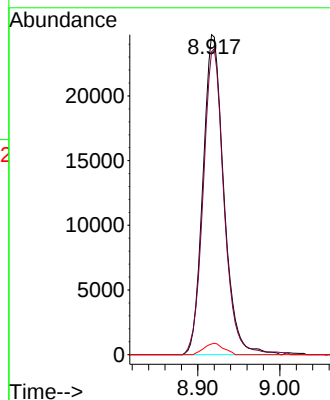
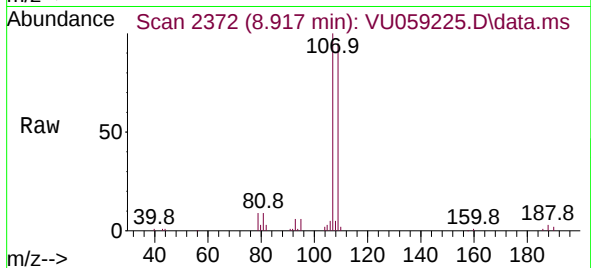
Tgt Ion:107 Resp: 43722

Ion Ratio Lower Upper

107 100

109 94.6 66.9 124.3

188 3.4 2.7 4.1



#51

Chlorobenzene

Concen: 5.362 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.000 min

Lab File: VU059225.D

Acq: 13 Jun 2024 08:41

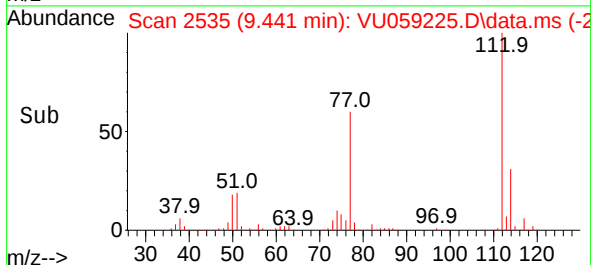
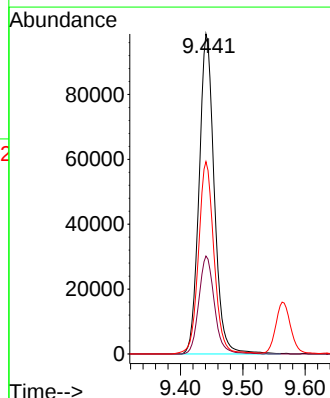
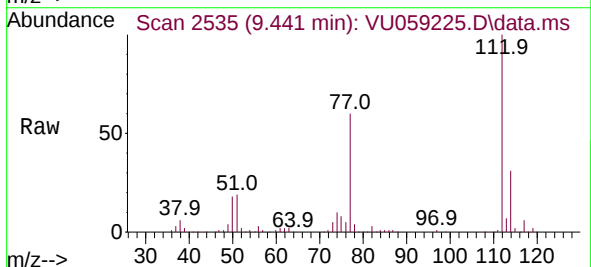
Tgt Ion:112 Resp: 167070

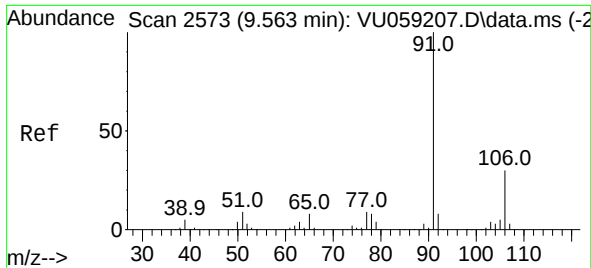
Ion Ratio Lower Upper

112 100

114 30.6 22.4 41.6

77 60.1 49.1 73.7

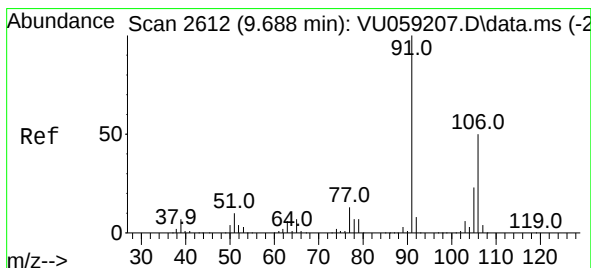
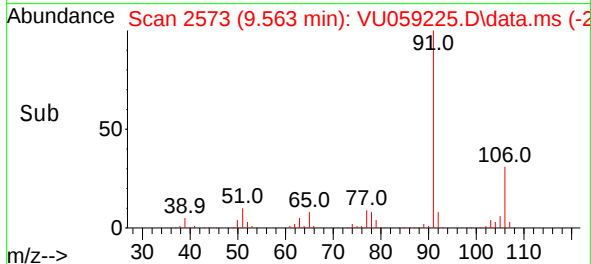
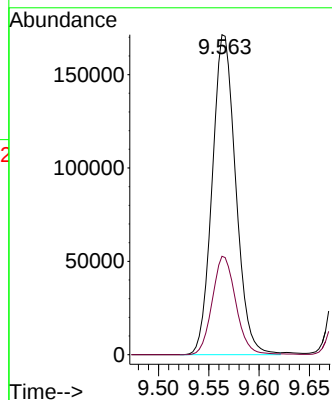
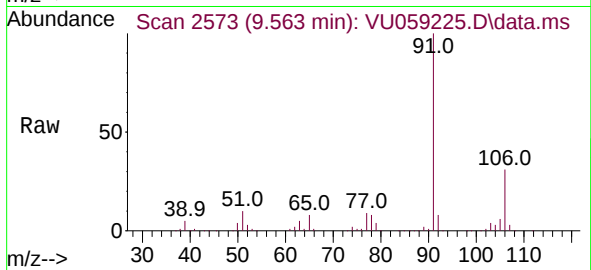




#52
Ethylbenzene
Concen: 5.280 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU059225.D
Acq: 13 Jun 2024 08:41

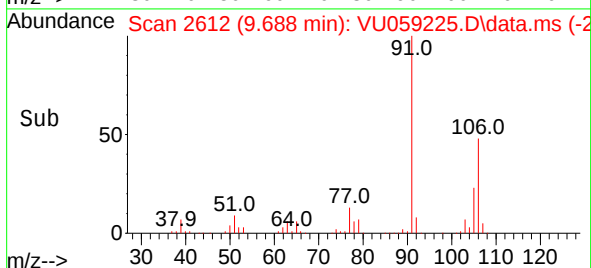
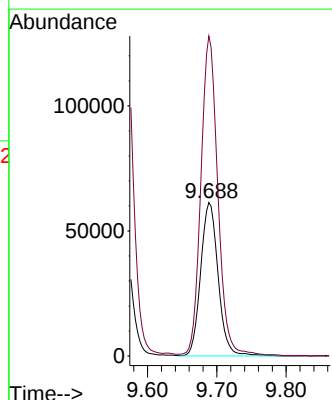
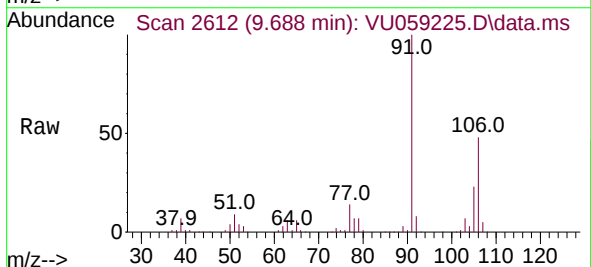
Instrument :
MSVOA_U
ClientSampleId :

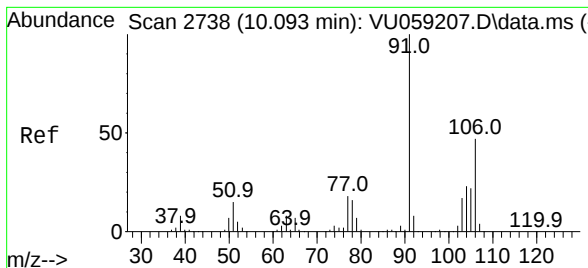
Tgt Ion: 91 Resp: 278749
Ion Ratio Lower Upper
91 100
106 30.7 20.9 38.7



#53
m,p-Xylene
Concen: 5.565 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU059225.D
Acq: 13 Jun 2024 08:41

Tgt Ion:106 Resp: 107518
Ion Ratio Lower Upper
106 100
91 208.6 142.0 263.8





#54

o-Xylene

Concen: 5.428 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. 0.000 min

Lab File: VU059225.D

Acq: 13 Jun 2024 08:41

Instrument :

MSVOA_U

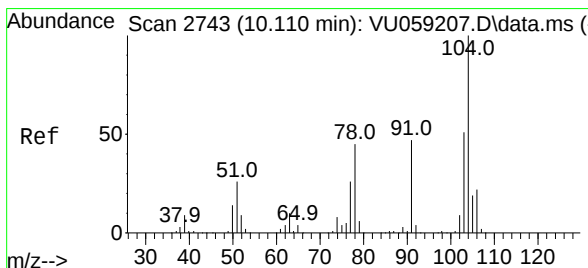
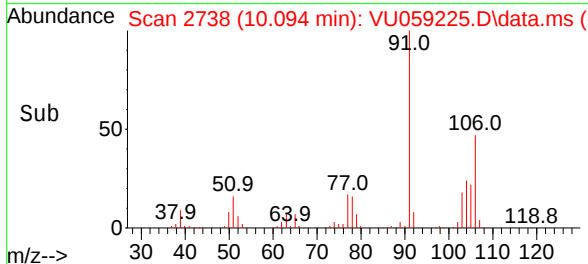
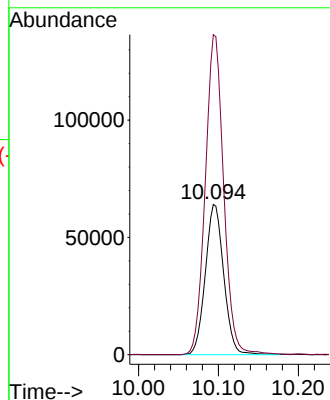
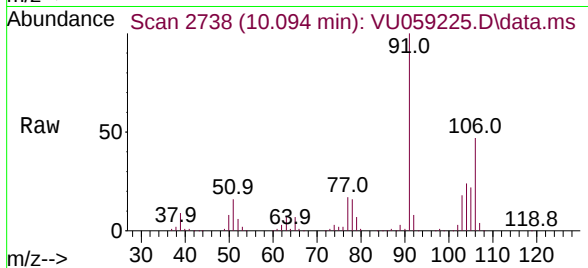
ClientSampleId :

Tgt Ion:106 Resp: 102561

Ion Ratio Lower Upper

106 100

91 213.0 151.6 281.6



#55

Styrene

Concen: 5.589 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. 0.000 min

Lab File: VU059225.D

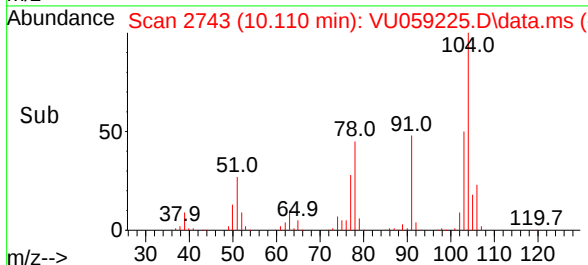
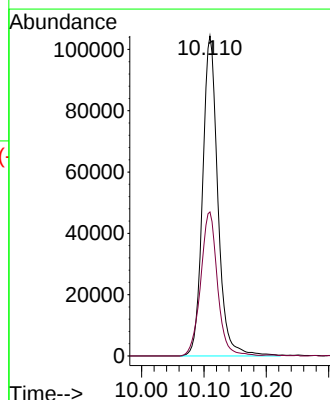
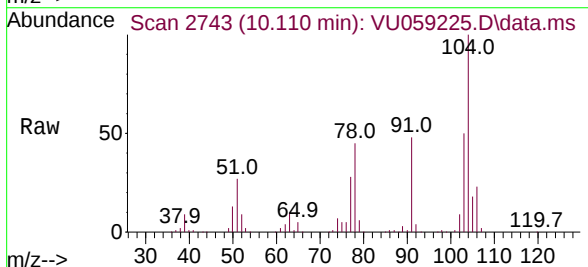
Acq: 13 Jun 2024 08:41

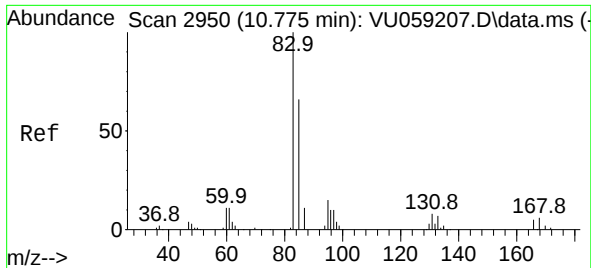
Tgt Ion:104 Resp: 177688

Ion Ratio Lower Upper

104 100

78 45.0 32.3 60.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.170 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU059225.D

Acq: 13 Jun 2024 08:41

Instrument :

MSVOA_U

ClientSampleId :

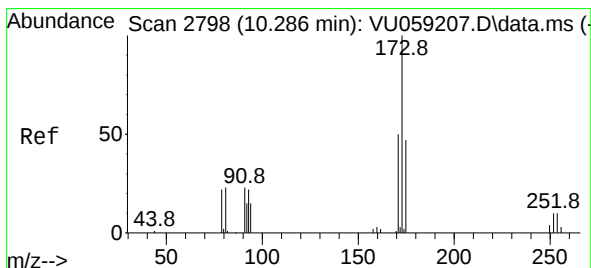
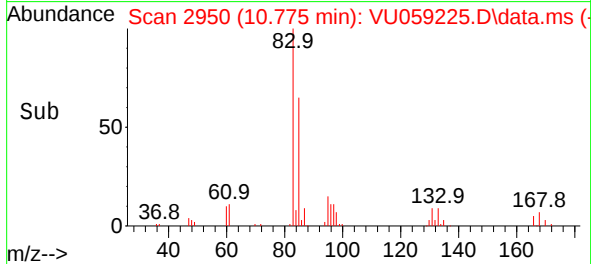
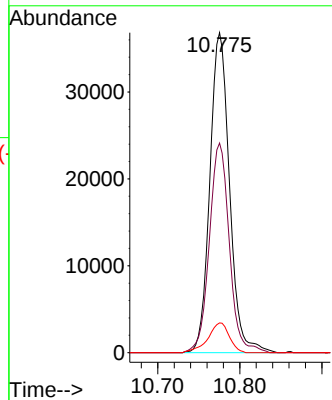
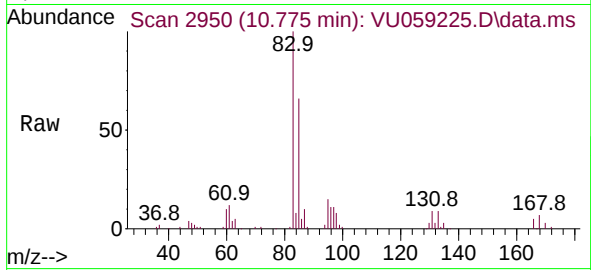
Tgt Ion: 83 Resp: 61361

Ion Ratio Lower Upper

83 100

85 65.5 44.7 82.9

131 9.3 6.9 10.3



#59

Bromoform

Concen: 5.256 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. 0.000 min

Lab File: VU059225.D

Acq: 13 Jun 2024 08:41

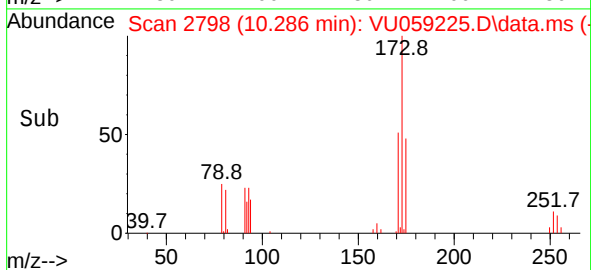
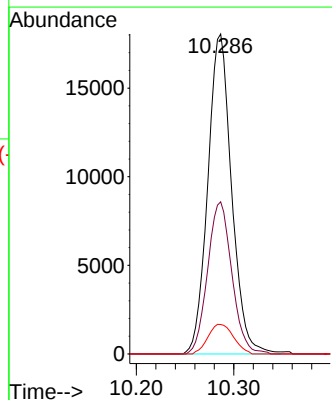
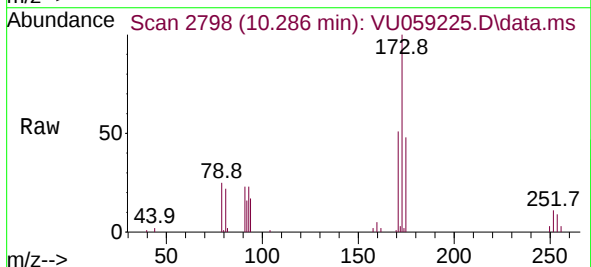
Tgt Ion:173 Resp: 30700

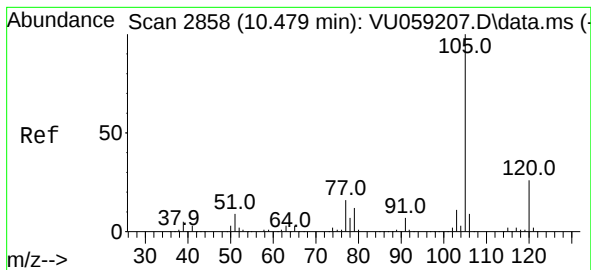
Ion Ratio Lower Upper

173 100

175 48.2 39.4 59.2

254 9.9 7.4 11.2





#60

Isopropylbenzene

Concen: 5.396 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU059225.D

Acq: 13 Jun 2024 08:41

Instrument :

MSVOA_U

ClientSampleId :

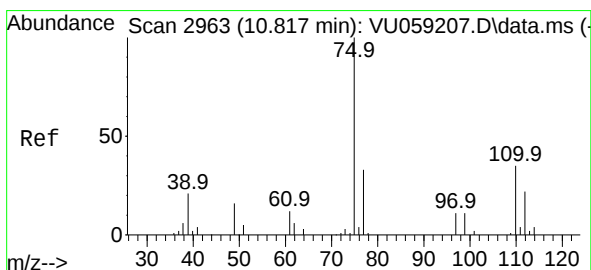
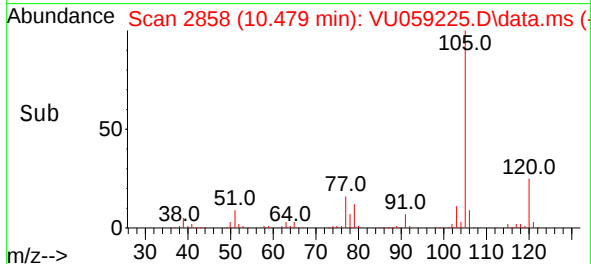
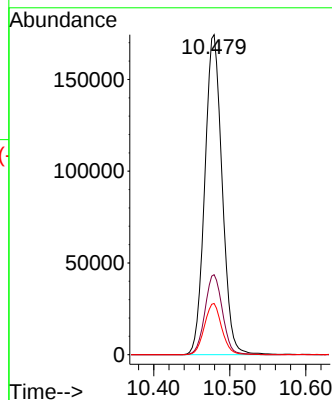
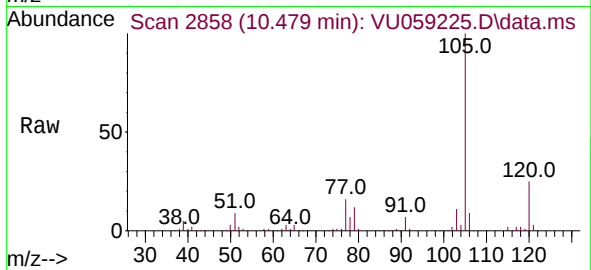
Tgt Ion:105 Resp: 276143

Ion Ratio Lower Upper

105 100

120 25.2 20.6 31.0

77 16.0 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 5.187 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU059225.D

Acq: 13 Jun 2024 08:41

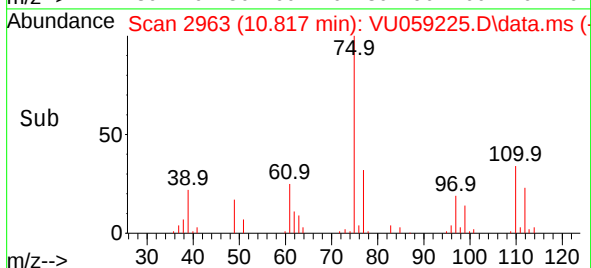
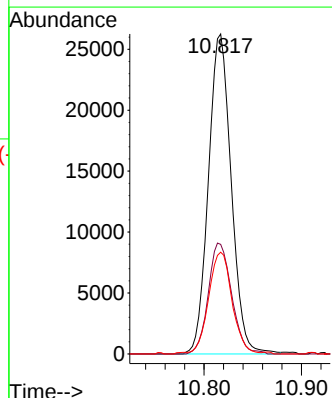
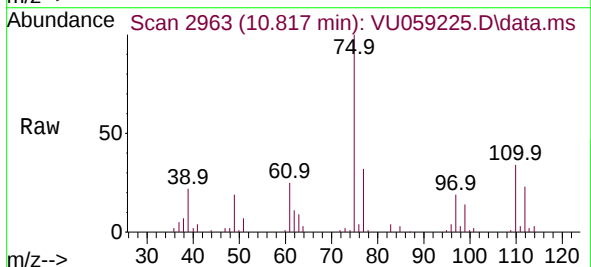
Tgt Ion: 75 Resp: 42698

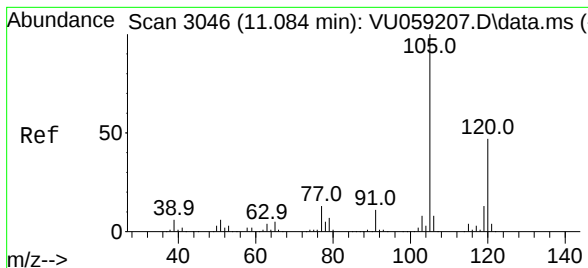
Ion Ratio Lower Upper

75 100

110 35.5 27.1 40.7

77 32.8 25.4 38.2





#62

1,3,5-Trimethylbenzene

Concen: 5.171 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU059225.D

Acq: 13 Jun 2024 08:41

Instrument :

MSVOA_U

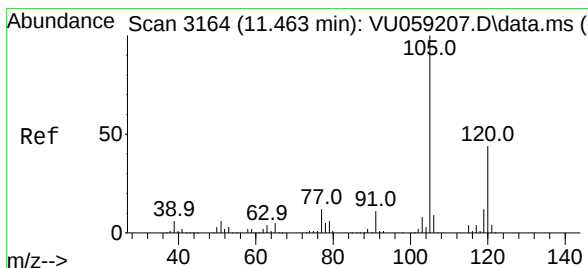
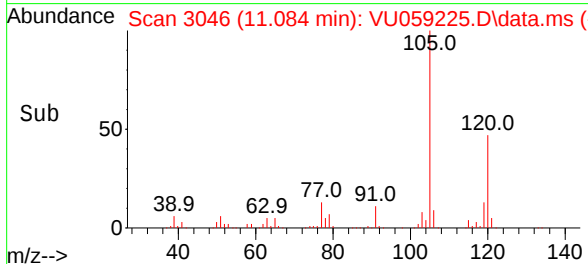
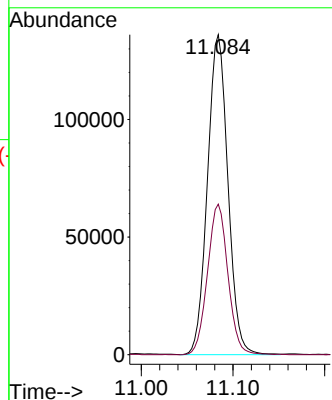
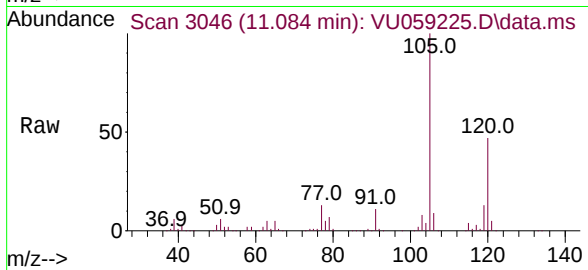
ClientSampleId :

Tgt Ion:105 Resp: 210922

Ion Ratio Lower Upper

105 100

120 47.0 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 5.187 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU059225.D

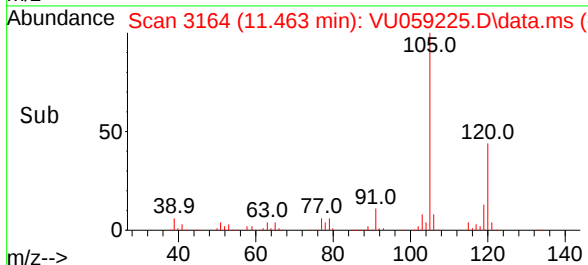
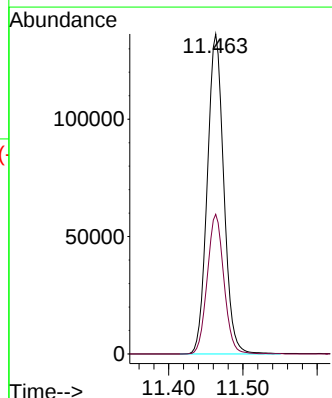
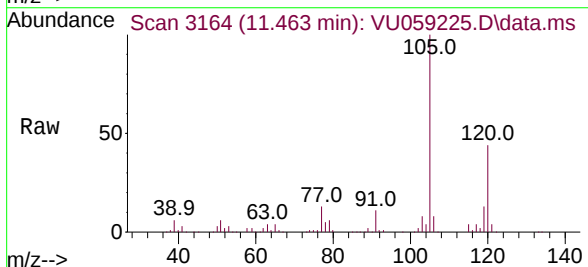
Acq: 13 Jun 2024 08:41

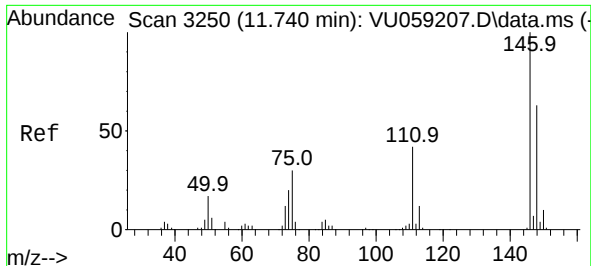
Tgt Ion:105 Resp: 209776

Ion Ratio Lower Upper

105 100

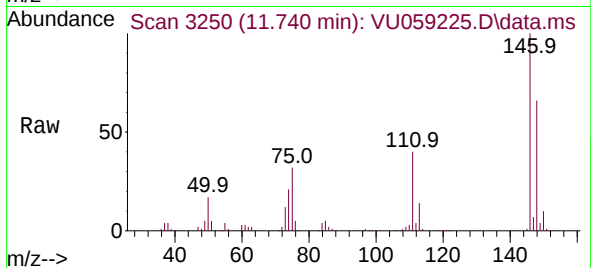
120 44.0 35.4 53.0



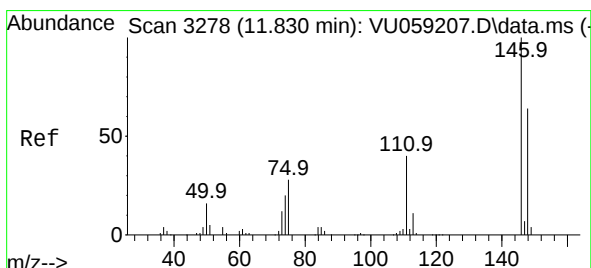
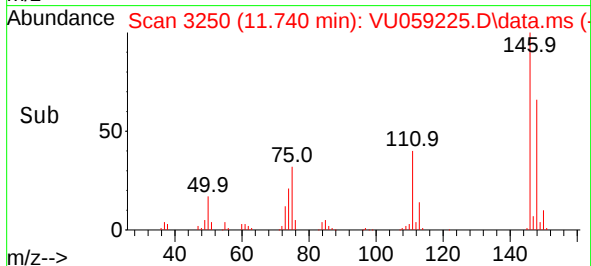
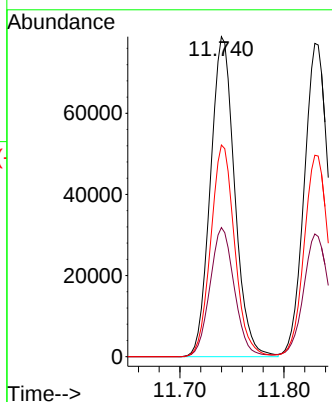


#64
1,3-Dichlorobenzene
Concen: 5.136 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU059225.D
Acq: 13 Jun 2024 08:41

Instrument :
MSVOA_U
ClientSampleId :

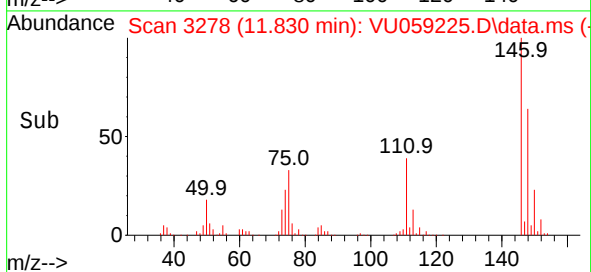
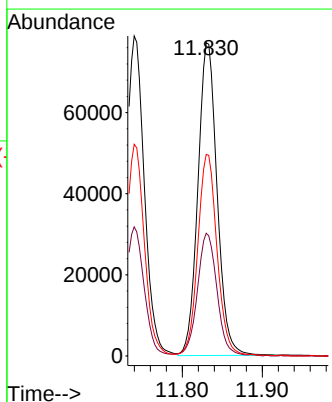
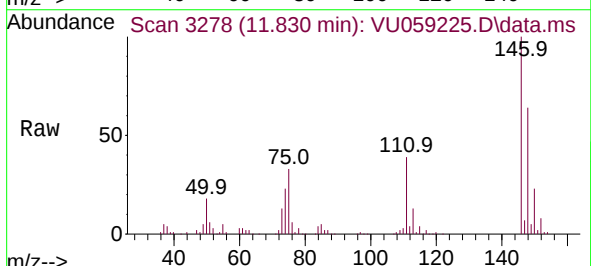


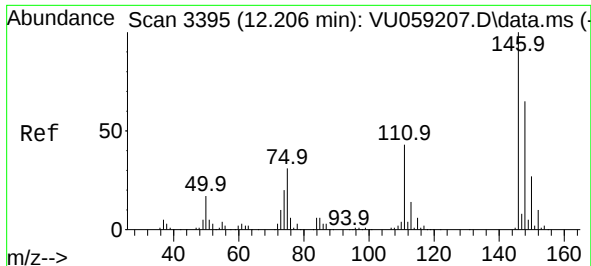
Tgt Ion:146 Resp: 127877
Ion Ratio Lower Upper
146 100
111 40.3 27.4 51.0
148 66.1 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 5.188 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU059225.D
Acq: 13 Jun 2024 08:41

Tgt Ion:146 Resp: 128923
Ion Ratio Lower Upper
146 100
111 39.2 26.9 50.1
148 64.3 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.191 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU059225.D

Acq: 13 Jun 2024 08:41

Instrument :

MSVOA_U

ClientSampleId :

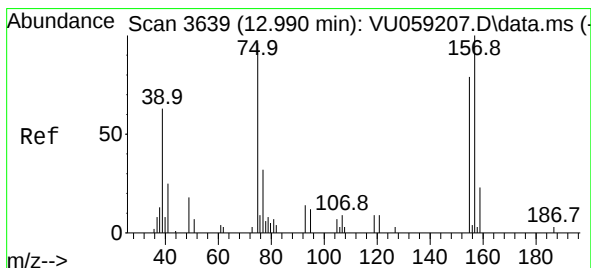
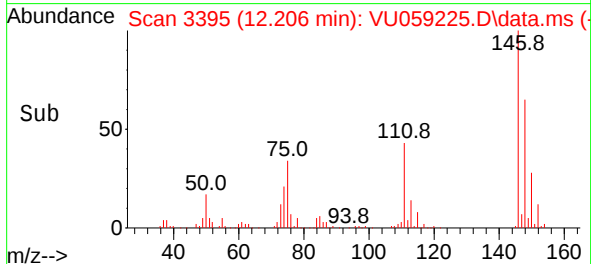
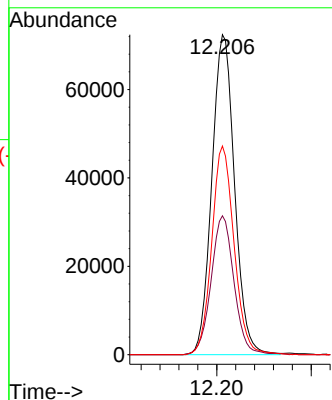
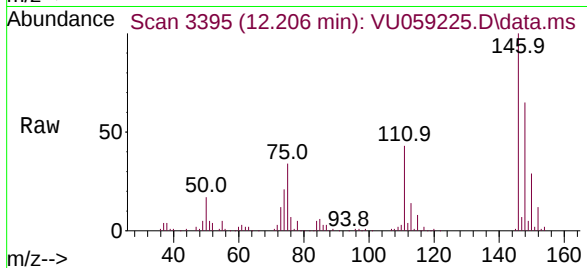
Tgt Ion:146 Resp: 120805

Ion Ratio Lower Upper

146 100

111 43.4 33.4 50.0

148 65.2 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.161 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU059225.D

Acq: 13 Jun 2024 08:41

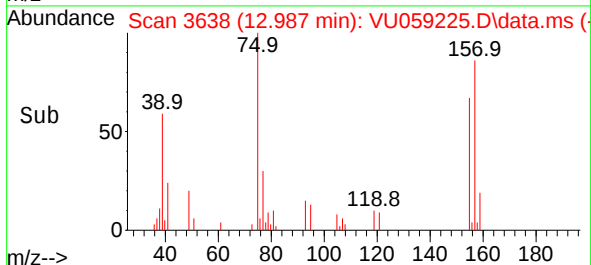
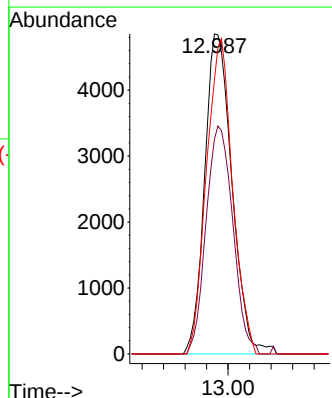
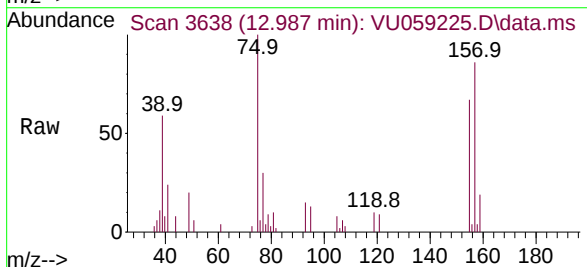
Tgt Ion: 75 Resp: 8546

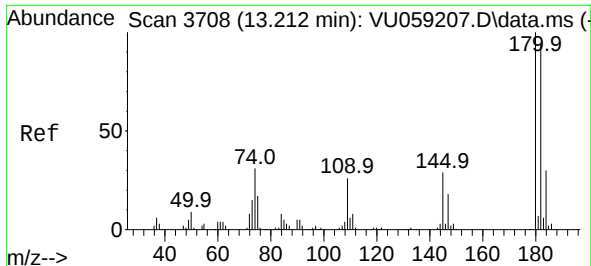
Ion Ratio Lower Upper

75 100

155 67.1 58.2 87.2

157 85.7 80.0 120.0





#69

1,3,5-Trichlorobenzene

Concen: 4.951 ug/L

RT: 13.212 min Scan# 3708

Delta R.T. 0.000 min

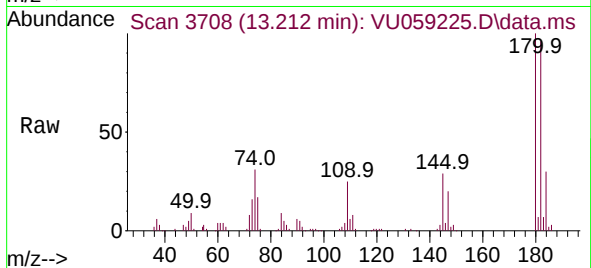
Lab File: VU059225.D

Acq: 13 Jun 2024 08:41

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 92432

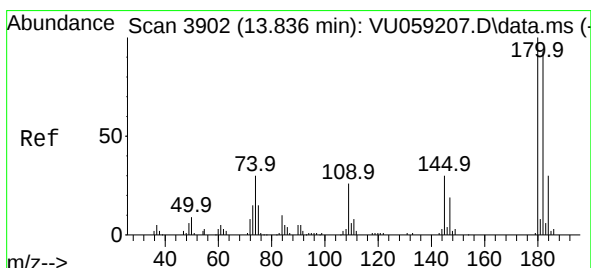
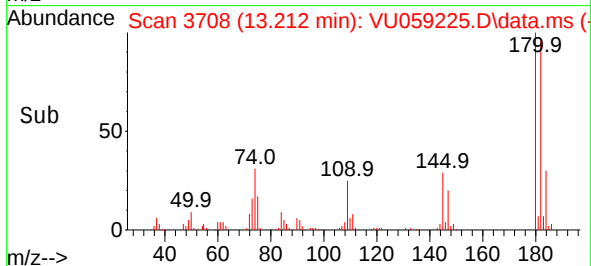
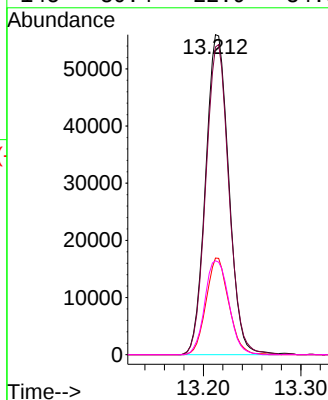
Ion Ratio Lower Upper

180 100

182 96.8 75.4 113.0

184 29.5 23.0 34.6

145 30.4 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 4.499 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU059225.D

Acq: 13 Jun 2024 08:41

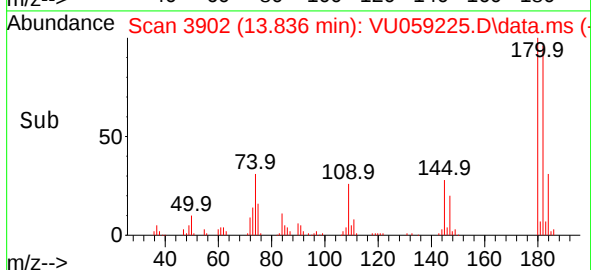
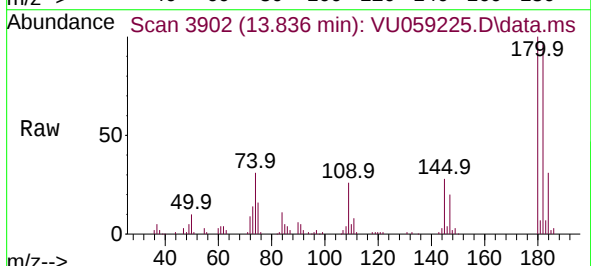
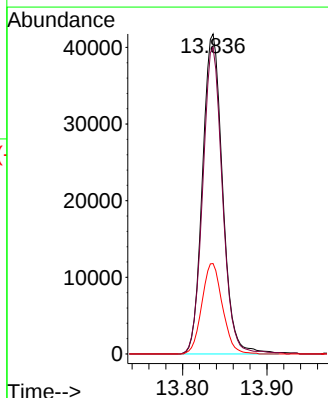
Tgt Ion:180 Resp: 69309

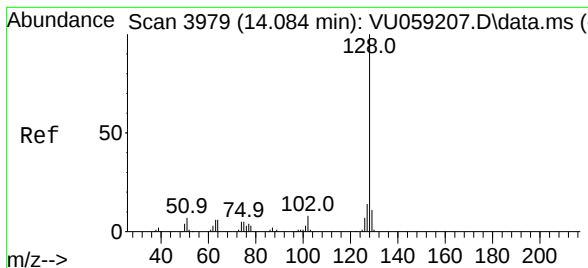
Ion Ratio Lower Upper

180 100

182 94.3 74.9 112.3

145 29.0 23.9 35.9





#71

Naphthalene

Concen: 3.991 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. 0.000 min

Lab File: VU059225.D

Acq: 13 Jun 2024 08:41

Instrument :

MSVOA_U

ClientSampleId :

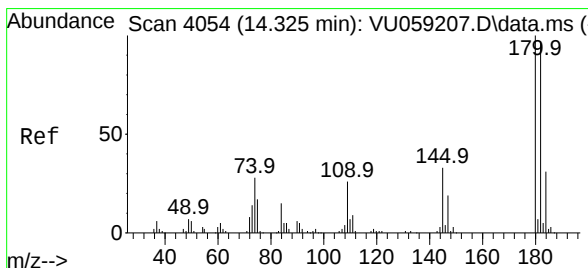
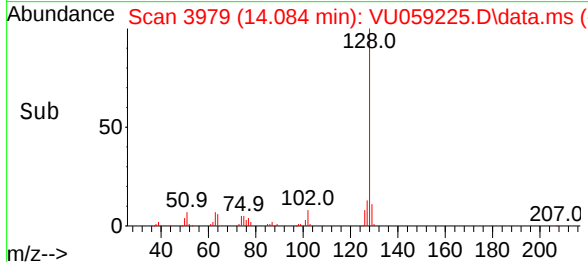
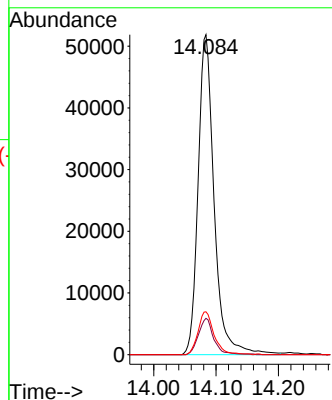
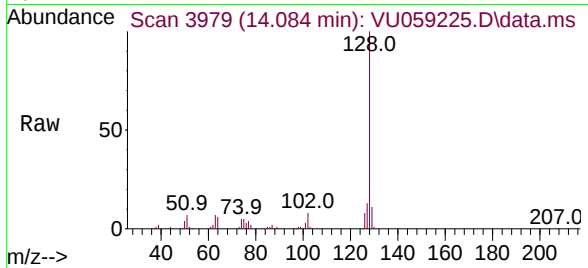
Tgt Ion:128 Resp: 92663

Ion Ratio Lower Upper

128 100

129 10.8 8.2 12.4

127 13.3 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 4.568 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VU059225.D

Acq: 13 Jun 2024 08:41

Tgt Ion:180 Resp: 61763

Ion Ratio Lower Upper

180 100

182 96.0 77.0 115.6

145 31.6 26.2 39.4

