

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062824\
 Data File : VU059613.D
 Acq On : 28 Jun 2024 11:48
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 28 23:15:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 28 02:08:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	162769	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	163136	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	87195	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	41458	3.663	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.200%
7) Chloroethane-d5	1.907	69	43795	4.021	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.400%
11) 1,1-Dichloroethene-d2	2.560	65	17623	3.753	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.000%
20) 2-Butanone-d5	4.624	46	112048	48.061	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.120%
24) Chloroform-d	5.055	84	104996	4.520	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.695	65	48740	4.355	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
32) Benzene-d6	5.721	84	204786	4.561	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.682	67	62241	4.524	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.894	98	194259	4.654	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
43) trans-1,3-Dichloroprop...	8.174	79	21345	4.955	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.000%
46) 2-Hexanone-d5	8.627	63	97602	54.527	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.060%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	53014	4.664	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	72169	4.650	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	63635	4.614	ug/L	98
3) Chloromethane	1.518	50	67481	4.546	ug/L	100
5) Vinyl chloride	1.599	62	76619	4.673	ug/L	98
6) Bromomethane	1.853	94	43115	3.781	ug/L	95
8) Chloroethane	1.930	64	48558	4.915	ug/L	100
9) Trichlorofluoromethane	2.132	101	98144	4.972	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	61649	4.934	ug/L	95
12) 1,1-Dichloroethene	2.573	96	55424	4.801	ug/L	87
13) Acetone	2.634	43	74001	48.932	ug/L	98
14) Carbon disulfide	2.788	76	178900	4.645	ug/L	99
15) Methyl Acetate	2.952	43	19508	4.888	ug/L	91
16) Methylene chloride	3.036	84	70835	5.178	ug/L	91
17) Methyl tert-butyl Ether	3.354	73	123104	4.949	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	58309	4.857	ug/L	90
19) 1,1-Dichloroethane	3.859	63	105995	4.788	ug/L	98
21) 2-Butanone	4.701	43	121942	50.271	ug/L	91
22) cis-1,2-Dichloroethene	4.660	96	65499	4.950	ug/L	96
23) Bromochloromethane	4.968	128	30016	4.975	ug/L	89
25) Chloroform	5.081	83	114903	4.928	ug/L	100

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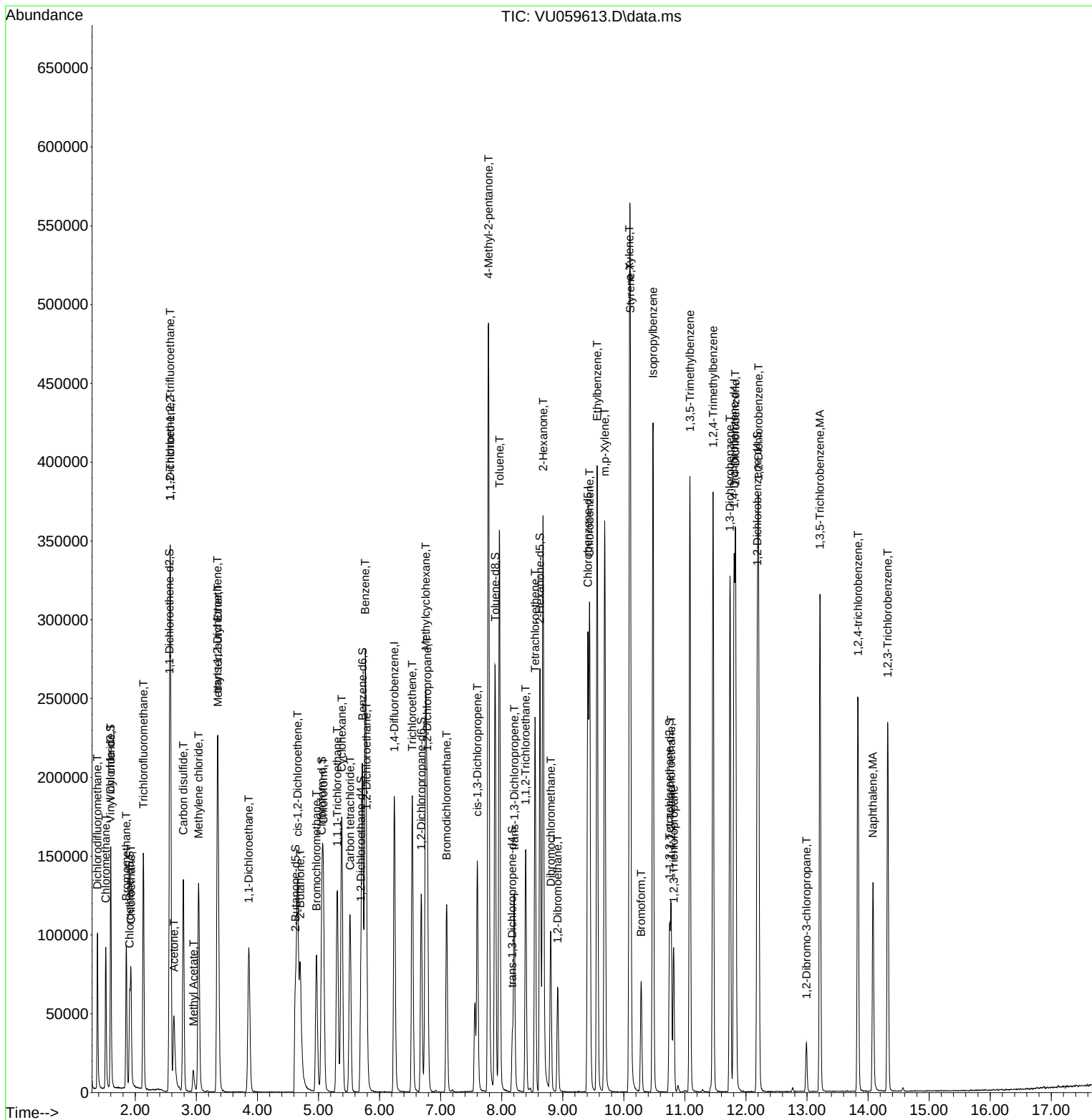
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 ClientSampleId :

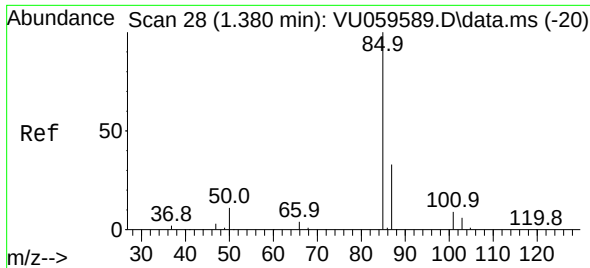
Quant Time: Jun 28 23:15:29 2024
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 28 02:08:17 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	68067	4.817	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	95038	5.045	ug/L	97
30) Cyclohexane	5.380	56	83281	5.007	ug/L	94
31) Carbon tetrachloride	5.518	117	80026	5.073	ug/L	98
33) Benzene	5.766	78	253311	5.113	ug/L	100
34) Trichloroethene	6.537	95	66092	4.926	ug/L	96
35) Methylcyclohexane	6.756	83	96754	5.068	ug/L	93
37) 1,2-Dichloropropane	6.782	63	65551	5.113	ug/L #	98
38) Bromodichloromethane	7.100	83	80895	5.055	ug/L	95
39) cis-1,3-Dichloropropene	7.602	75	90665	5.171	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	303850	51.148	ug/L #	95
42) Toluene	7.965	91	275920	5.261	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	74722	5.310	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	48781	5.164	ug/L	98
47) Tetrachloroethene	8.547	164	53201	5.110	ug/L	99
48) 2-Hexanone	8.679	43	222294	52.432	ug/L #	93
49) Dibromochloromethane	8.804	129	53387	5.101	ug/L	96
50) 1,2-Dibromoethane	8.917	107	46082	5.282	ug/L	98
51) Chlorobenzene	9.441	112	172542	5.187	ug/L	96
52) Ethylbenzene	9.563	91	279736	5.199	ug/L	98
53) m,p-Xylene	9.688	106	109336	5.291	ug/L	98
54) o-Xylene	10.093	106	103885	5.297	ug/L	92
55) Styrene	10.110	104	182454	5.465	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.775	83	59284	5.173	ug/L	99
59) Bromoform	10.283	173	32890	4.929	ug/L #	96
60) Isopropylbenzene	10.479	105	274978	5.105	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	39739	4.932	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	213259	4.998	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	211005	5.172	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	139469	5.091	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	141461	5.017	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	130234	5.052	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.990	75	8230	5.236	ug/L #	81
69) 1,3,5-Trichlorobenzene	13.212	180	104644	5.160	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	84742	5.447	ug/L	99
71) Naphthalene	14.080	128	116676	5.240	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	77556	5.369	ug/L	99

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

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Response via : Initial Calibration

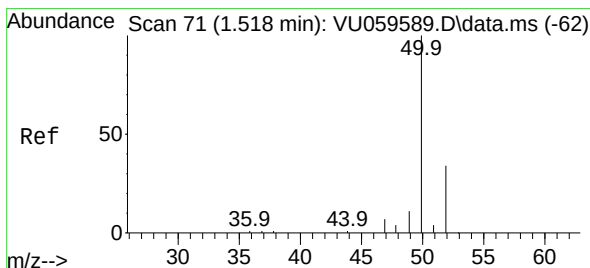
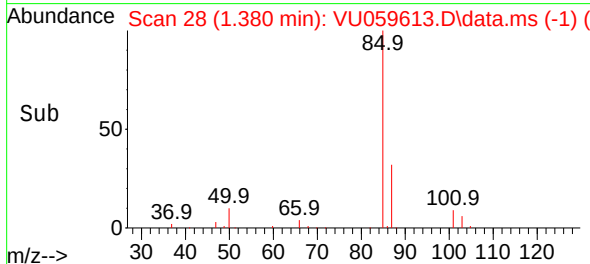
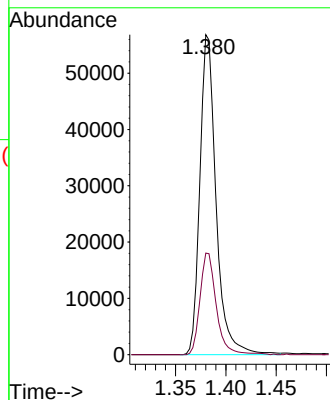
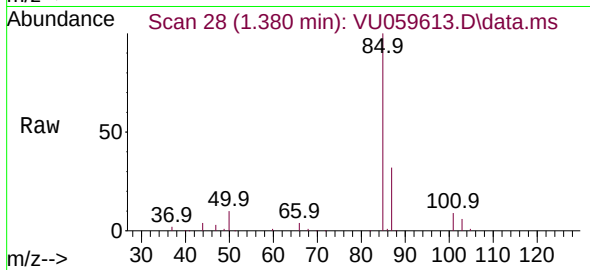




#2
 Dichlorodifluoromethane
 Concen: 4.614 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VU059613.D
 Acq: 28 Jun 2024 11:48

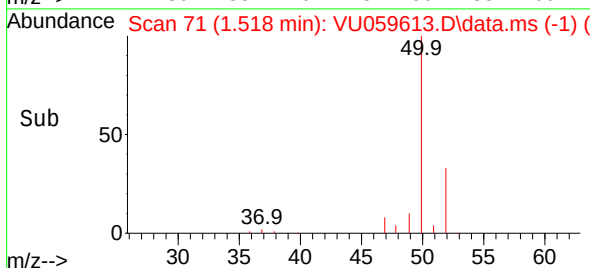
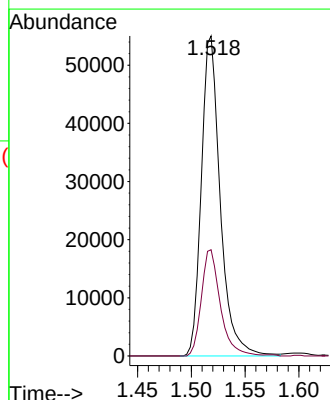
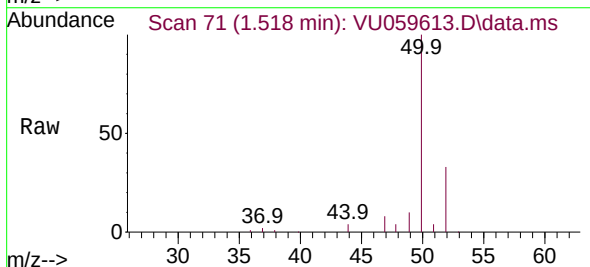
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 ClientSampleId :

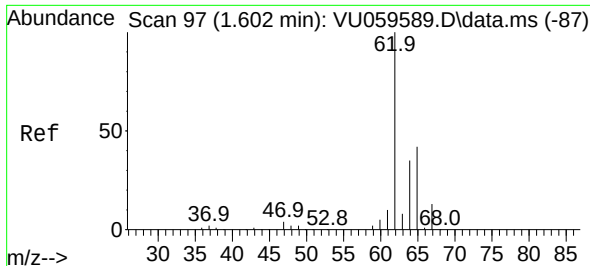
Tgt Ion: 85 Resp: 63635
 Ion Ratio Lower Upper
 85 100
 87 31.9 26.6 40.0



#3
 Chloromethane
 Concen: 4.546 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU059613.D
 Acq: 28 Jun 2024 11:48

Tgt Ion: 50 Resp: 67481
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.2 43.0

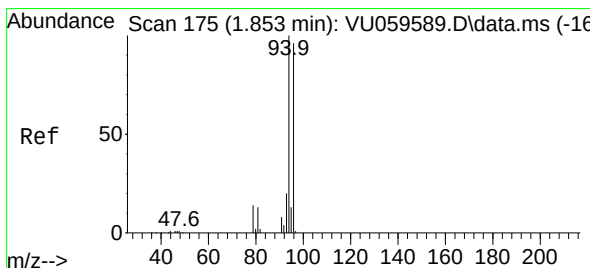
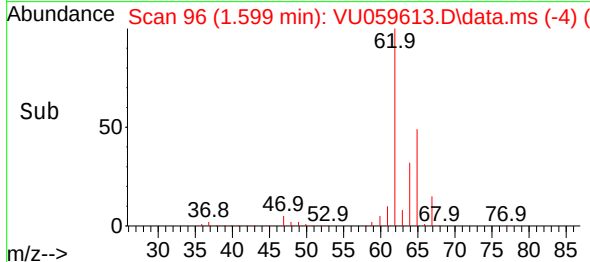
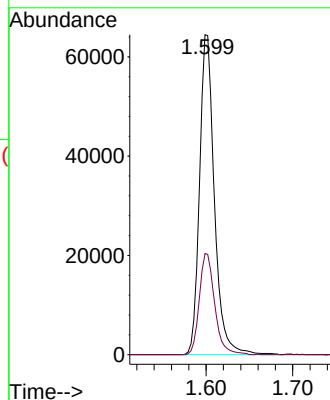
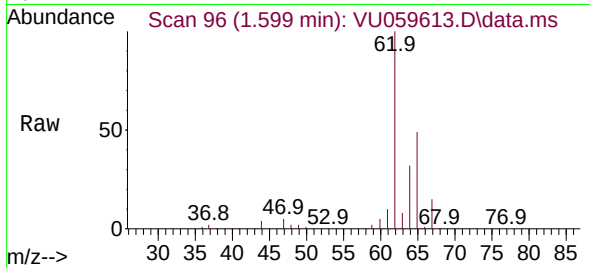




#5
 Vinyl chloride
 Concen: 4.673 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VU059613.D
 Acq: 28 Jun 2024 11:48

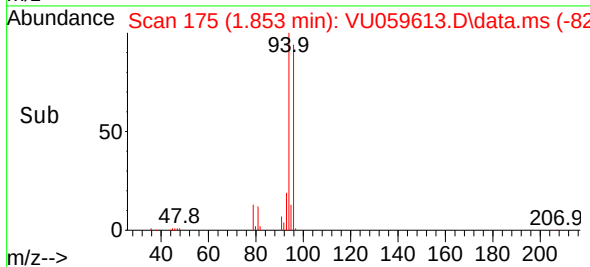
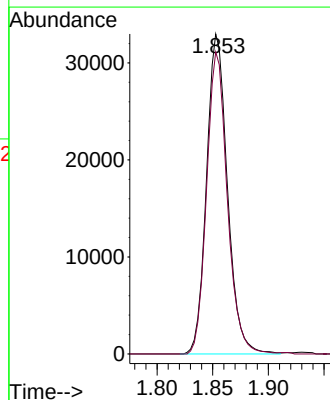
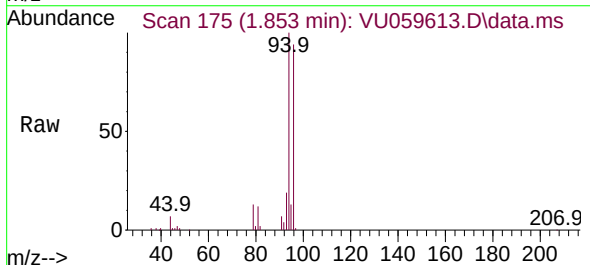
Instrument :
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 ClientSampleId :

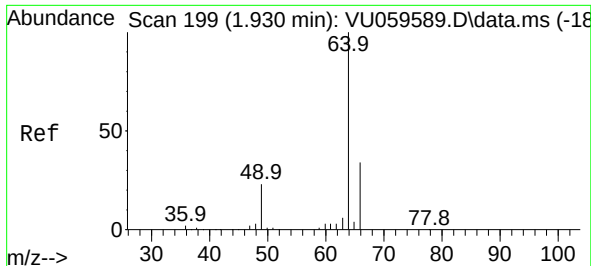
Tgt Ion: 62 Resp: 76619
 Ion Ratio Lower Upper
 62 100
 64 31.6 23.1 42.9



#6
 Bromomethane
 Concen: 3.781 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU059613.D
 Acq: 28 Jun 2024 11:48

Tgt Ion: 94 Resp: 43115
 Ion Ratio Lower Upper
 94 100
 96 94.4 62.9 116.9

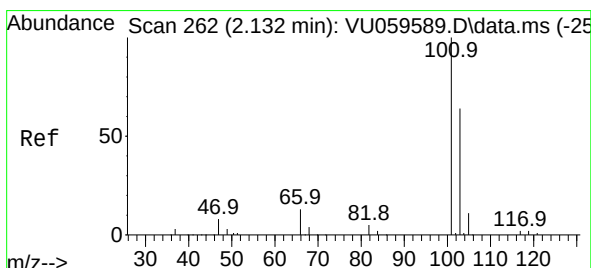
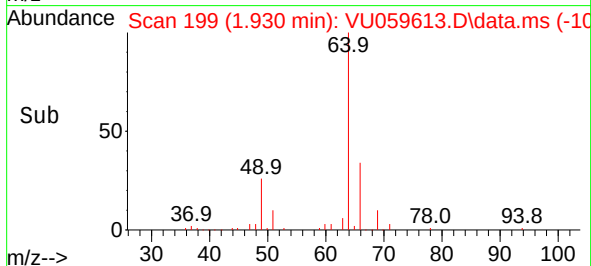
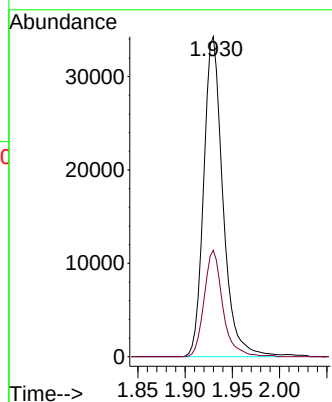
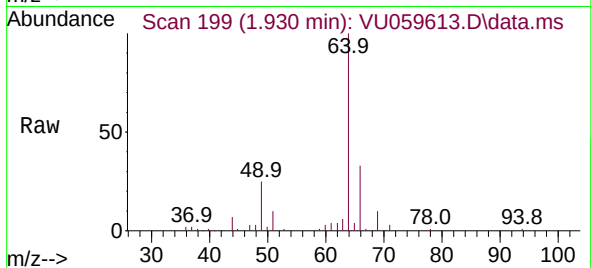




#8
Chloroethane
Concen: 4.915 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU059613.D
Acq: 28 Jun 2024 11:48

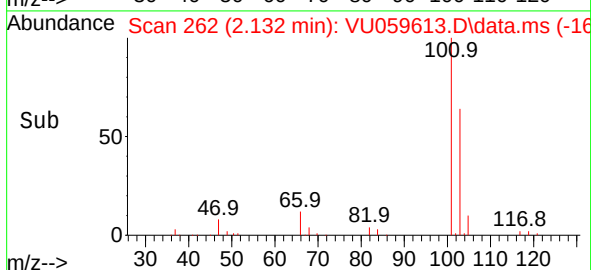
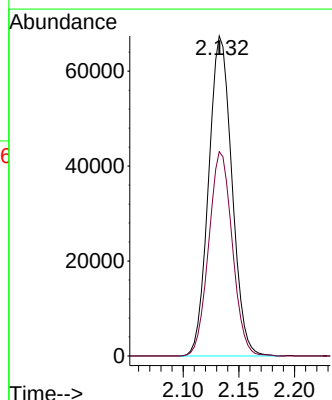
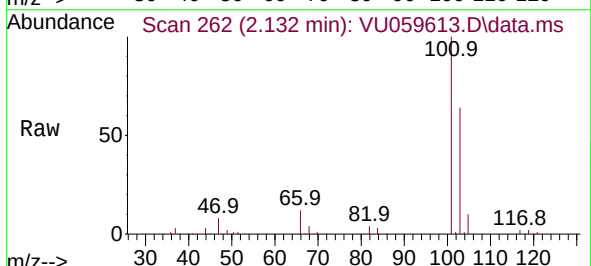
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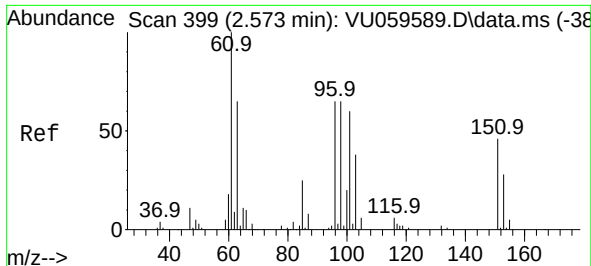
Tgt Ion: 64 Resp: 48558
Ion Ratio Lower Upper
64 100
66 33.2 23.2 43.2



#9
Trichlorofluoromethane
Concen: 4.972 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU059613.D
Acq: 28 Jun 2024 11:48

Tgt Ion:101 Resp: 98144
Ion Ratio Lower Upper
101 100
103 64.4 52.6 79.0

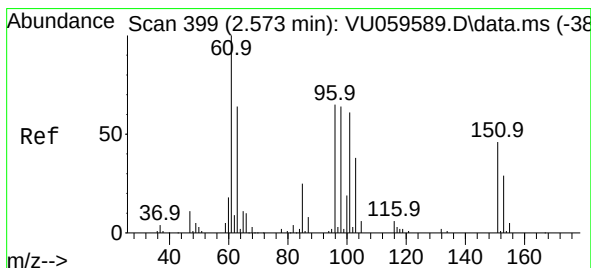
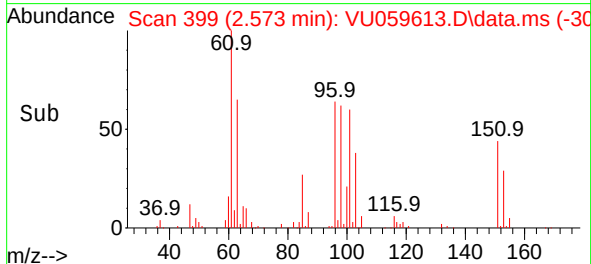
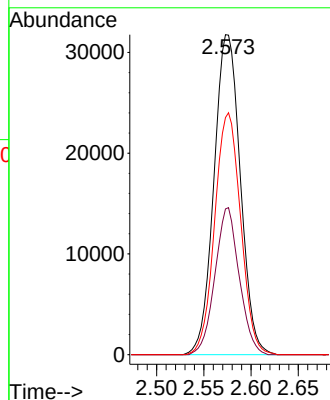
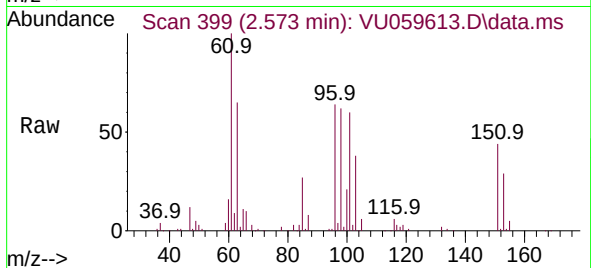




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.934 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU059613.D
Acq: 28 Jun 2024 11:48

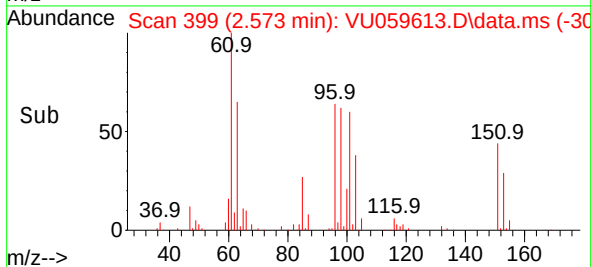
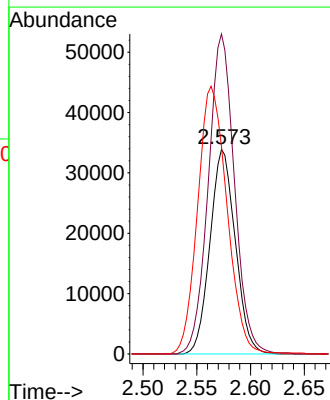
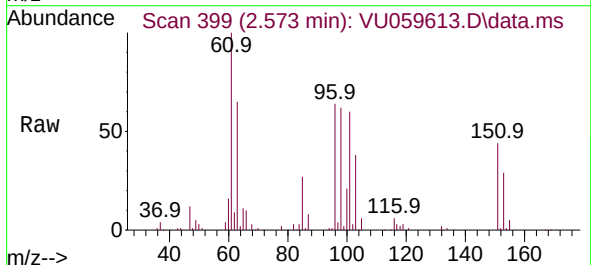
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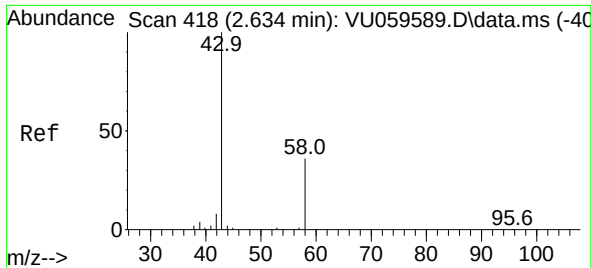
Tgt Ion:101 Resp: 61649
Ion Ratio Lower Upper
101 100
85 42.3 36.2 54.4
151 74.4 55.5 83.3



#12
1,1-Dichloroethene
Concen: 4.801 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU059613.D
Acq: 28 Jun 2024 11:48

Tgt Ion: 96 Resp: 55424
Ion Ratio Lower Upper
96 100
61 156.4 122.9 228.3
63 101.3 80.4 149.4





#13

Acetone

Concen: 48.932 ug/L

RT: 2.634 min Scan# 418

Delta R.T. -0.000 min

Lab File: VU059613.D

Acq: 28 Jun 2024 11:48

Instrument :

MSVOA_U

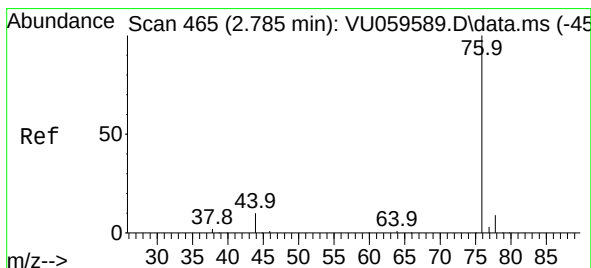
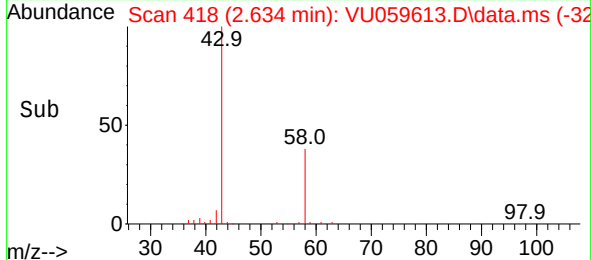
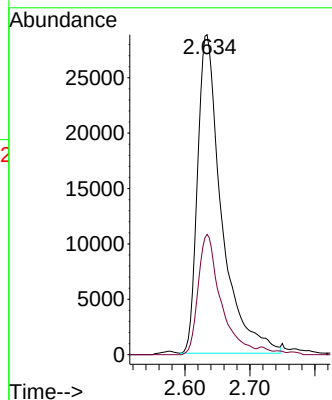
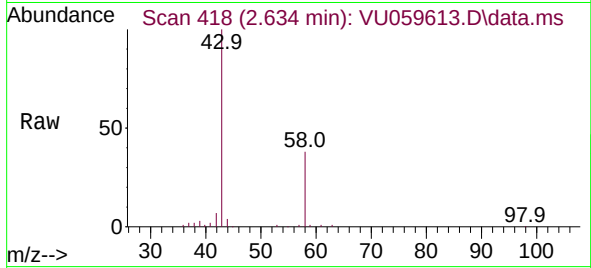
ClientSampleId :

Tgt Ion: 43 Resp: 74001

Ion Ratio Lower Upper

43 100

58 35.4 0.0 68.0



#14

Carbon disulfide

Concen: 4.645 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU059613.D

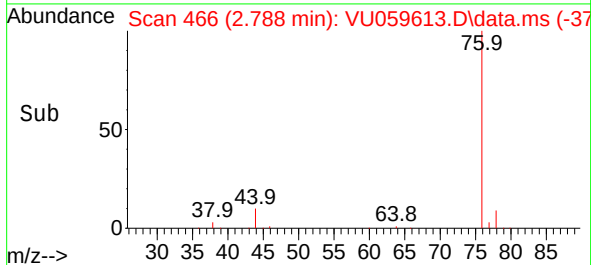
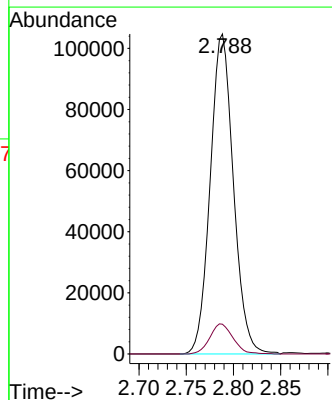
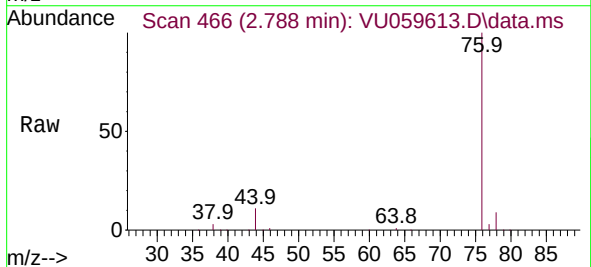
Acq: 28 Jun 2024 11:48

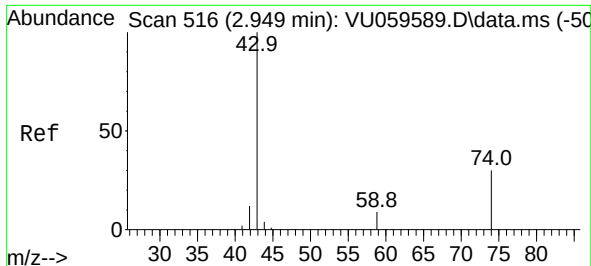
Tgt Ion: 76 Resp: 178900

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9

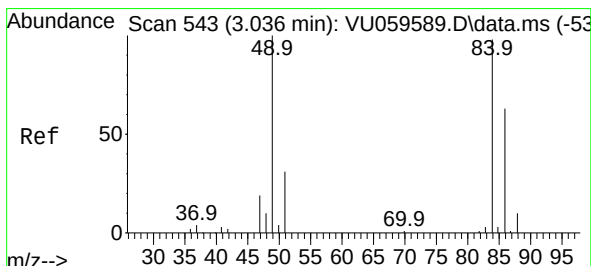
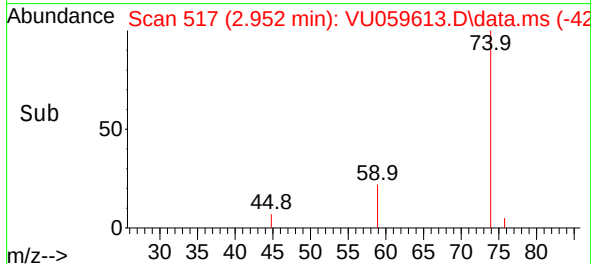
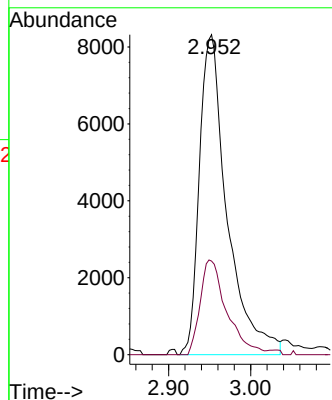
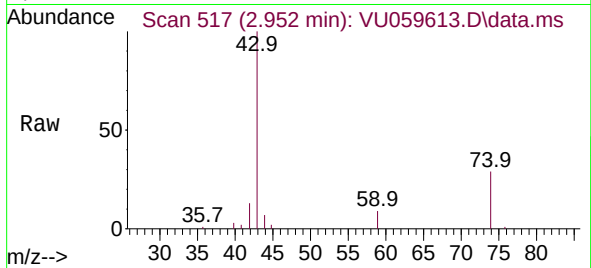




#15
Methyl Acetate
Concen: 4.888 ug/L
RT: 2.952 min Scan# 516
Delta R.T. 0.003 min
Lab File: VU059613.D
Acq: 28 Jun 2024 11:48

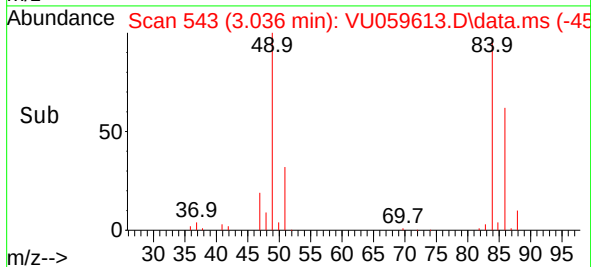
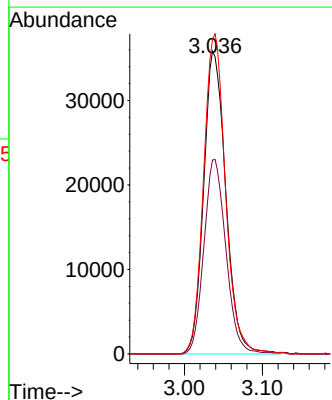
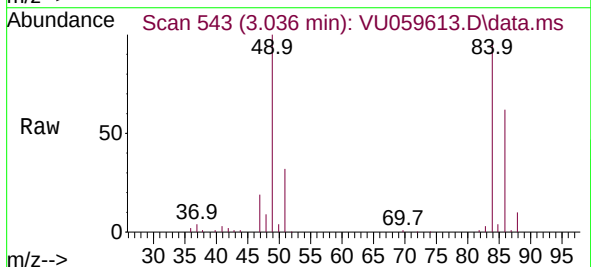
Instrument :
MSVOA_U
ClientSampleId :

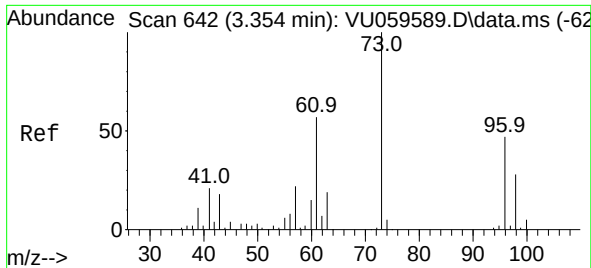
Tgt Ion: 43 Resp: 19508
Ion Ratio Lower Upper
43 100
74 28.3 19.2 28.8



#16
Methylene chloride
Concen: 5.178 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.000 min
Lab File: VU059613.D
Acq: 28 Jun 2024 11:48

Tgt Ion: 84 Resp: 70835
Ion Ratio Lower Upper
84 100
86 64.0 42.1 78.1
49 103.9 80.6 149.8

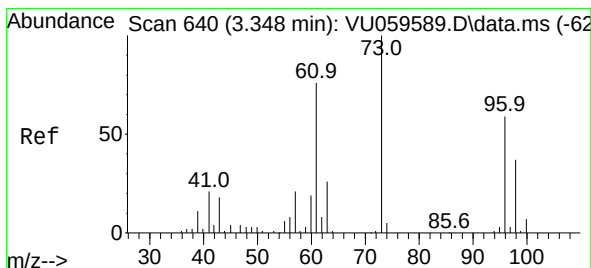
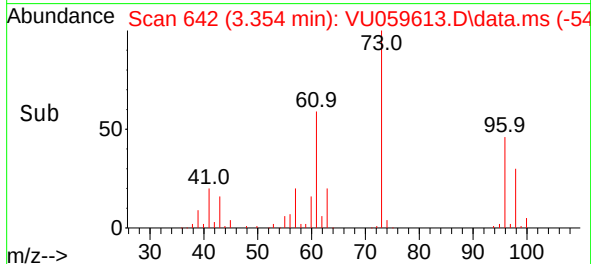
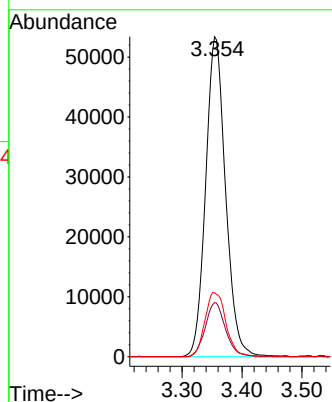
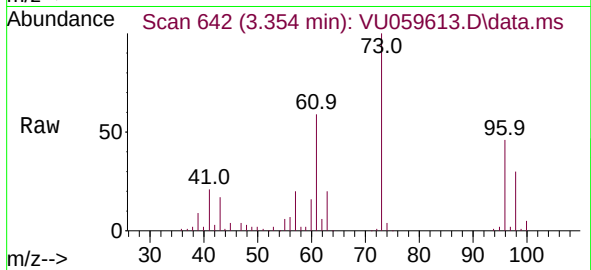




#17
Methyl tert-butyl Ether
Concen: 4.949 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU059613.D
Acq: 28 Jun 2024 11:48

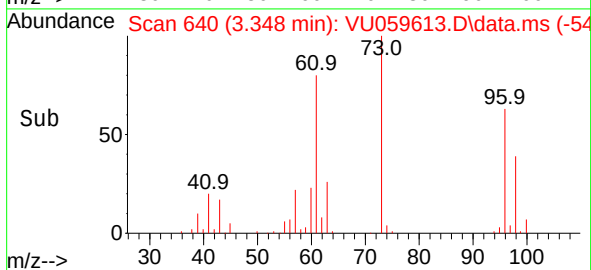
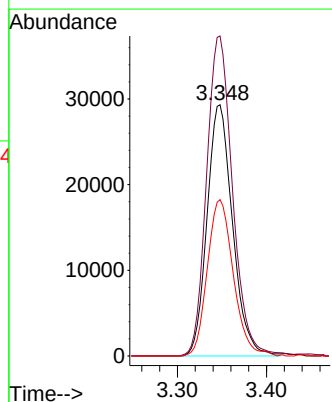
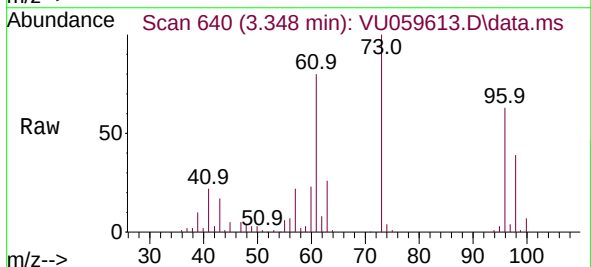
Instrument :
MSVOA_U
ClientSampleId :

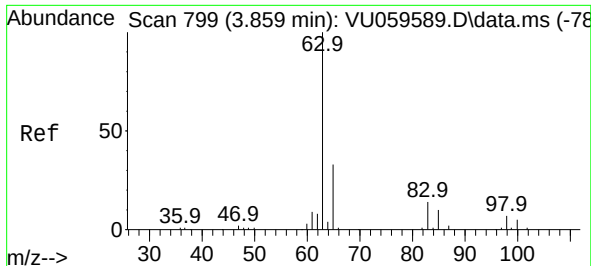
Tgt Ion:	73	Resp:	123104
Ion	Ratio	Lower	Upper
73	100		
43	17.2	14.9	22.3
57	21.2	18.0	27.0



#18
trans-1,2-Dichloroethene
Concen: 4.857 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU059613.D
Acq: 28 Jun 2024 11:48

Tgt Ion:	96	Resp:	58309
Ion	Ratio	Lower	Upper
96	100		
61	127.4	101.8	189.0
98	62.2	43.3	80.5

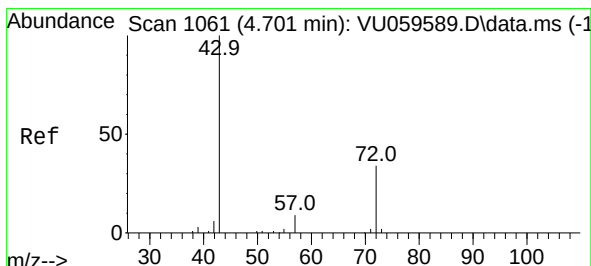
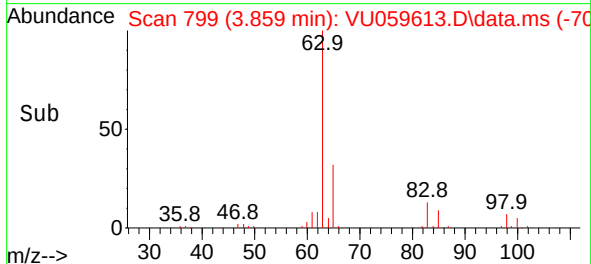
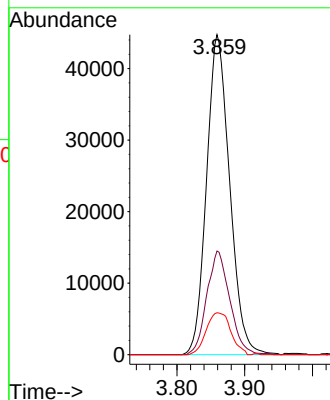
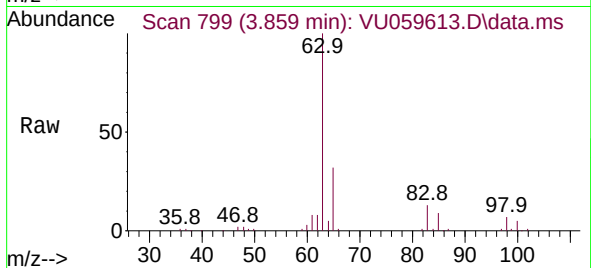




#19
1,1-Dichloroethane
Concen: 4.788 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU059613.D
Acq: 28 Jun 2024 11:48

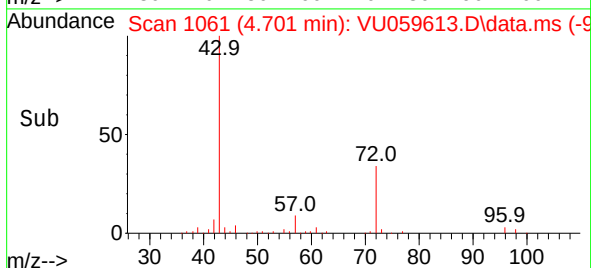
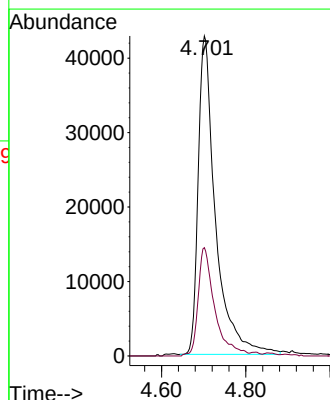
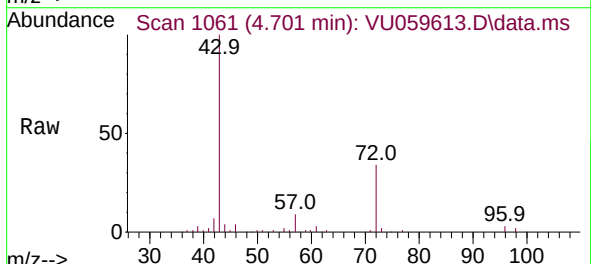
Instrument :
MSVOA_U
ClientSampleId :

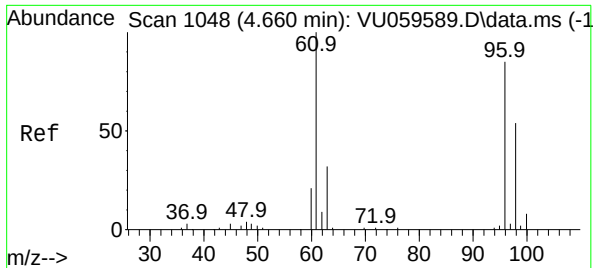
Tgt Ion: 63 Resp: 105995
Ion Ratio Lower Upper
63 100
65 32.4 21.8 40.6
83 13.1 9.9 18.5



#21
2-Butanone
Concen: 50.271 ug/L
RT: 4.701 min Scan# 1061
Delta R.T. -0.000 min
Lab File: VU059613.D
Acq: 28 Jun 2024 11:48

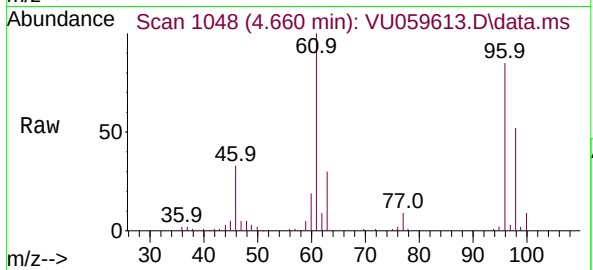
Tgt Ion: 43 Resp: 121942
Ion Ratio Lower Upper
43 100
72 32.5 13.8 41.4





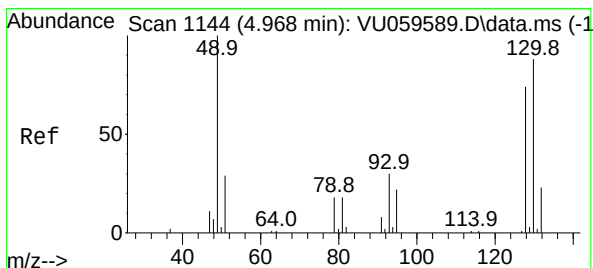
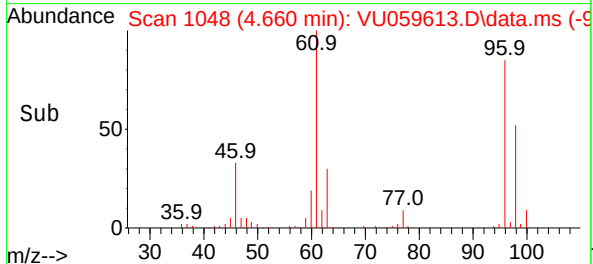
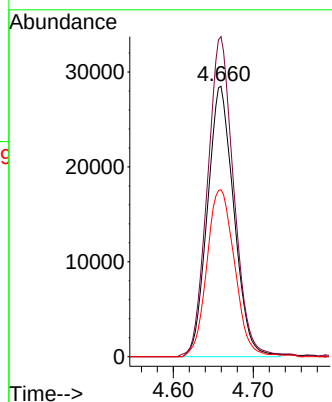
#22
 cis-1,2-Dichloroethene
 Concen: 4.950 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU059613.D
 Acq: 28 Jun 2024 11:48

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 65499

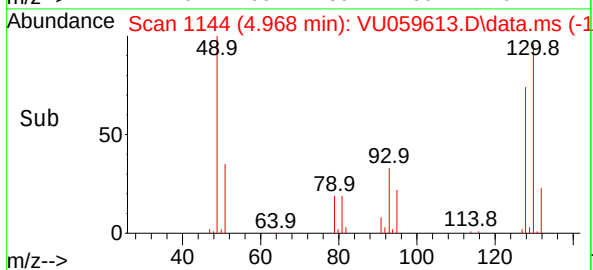
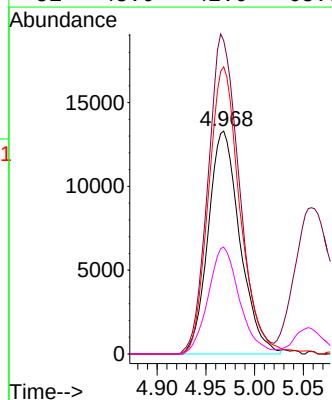
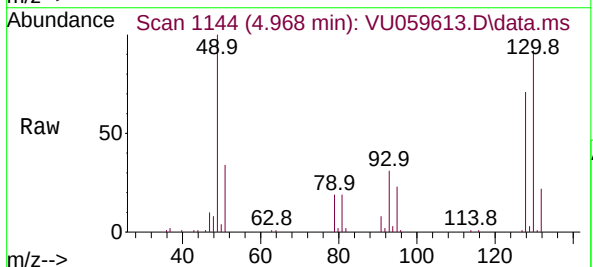
Ion	Ratio	Lower	Upper
96	100		
61	118.3	87.4	162.2
98	61.8	42.3	78.5

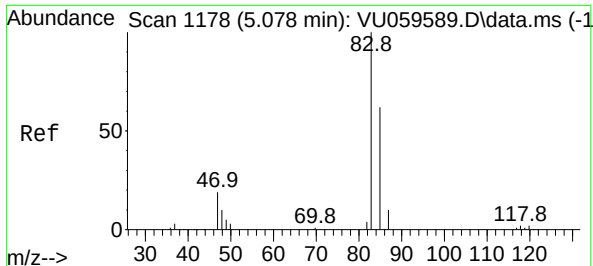


#23
 Bromochloromethane
 Concen: 4.975 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.000 min
 Lab File: VU059613.D
 Acq: 28 Jun 2024 11:48

Tgt Ion: 128 Resp: 30016

Ion	Ratio	Lower	Upper
128	100		
49	140.6	117.0	217.4
130	128.9	89.6	166.4
51	48.0	42.0	63.0





#25

Chloroform

Concen: 4.928 ug/L

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU059613.D

Acq: 28 Jun 2024 11:48

Instrument :

MSVOA_U

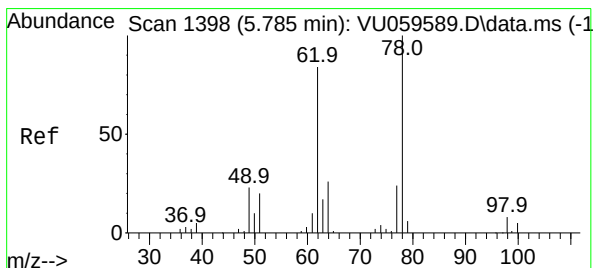
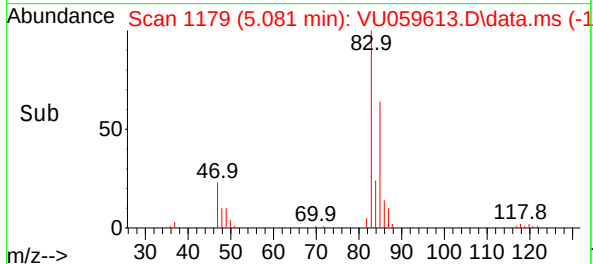
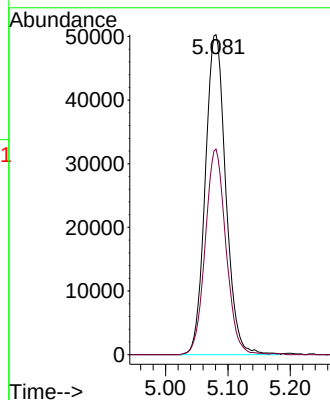
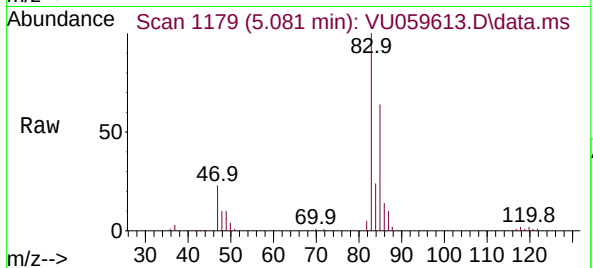
ClientSampleId :

Tgt Ion: 83 Resp: 114903

Ion Ratio Lower Upper

83 100

85 64.2 44.7 83.1



#27

1,2-Dichloroethane

Concen: 4.817 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.003 min

Lab File: VU059613.D

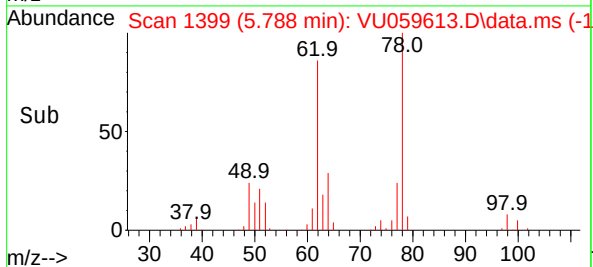
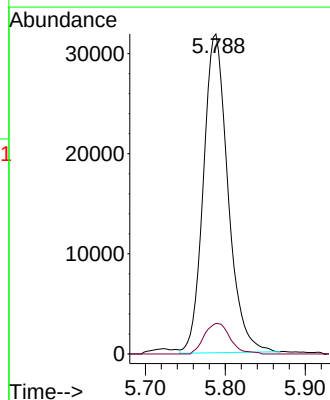
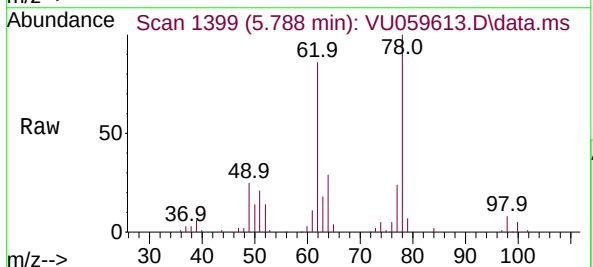
Acq: 28 Jun 2024 11:48

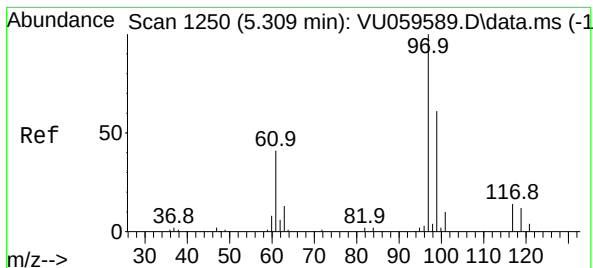
Tgt Ion: 62 Resp: 68067

Ion Ratio Lower Upper

62 100

98 9.6 7.5 11.3





#29

1,1,1-Trichloroethane

Concen: 5.045 ug/L

RT: 5.309 min Scan# 1250

Delta R.T. -0.000 min

Lab File: VU059613.D

Acq: 28 Jun 2024 11:48

Instrument :

MSVOA_U

ClientSampleId :

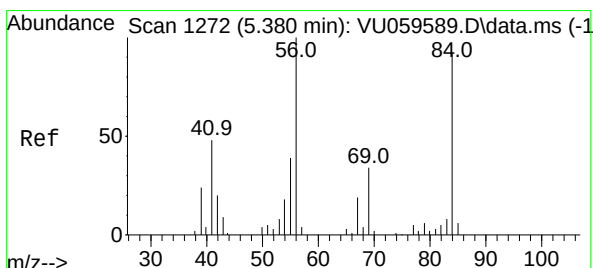
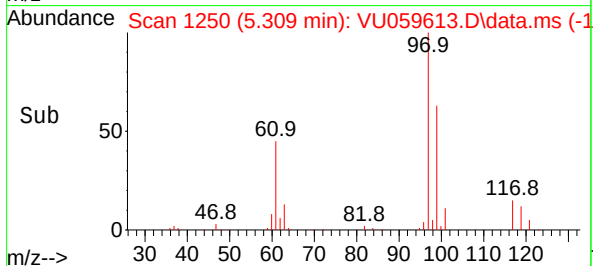
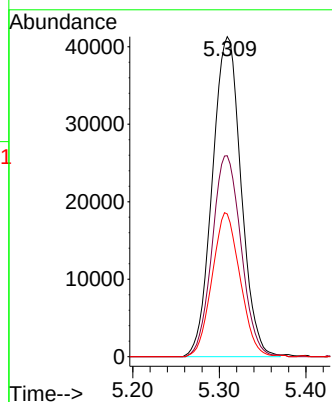
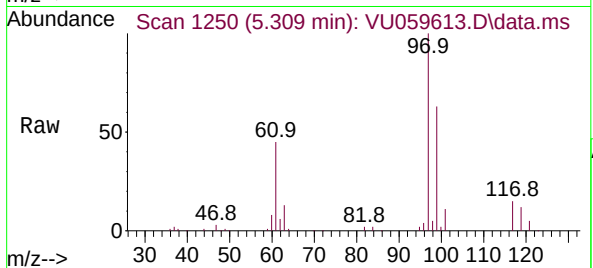
Tgt Ion: 97 Resp: 95038

Ion Ratio Lower Upper

97 100

99 63.5 51.8 77.6

61 43.8 37.4 56.2



#30

Cyclohexane

Concen: 5.007 ug/L

RT: 5.380 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VU059613.D

Acq: 28 Jun 2024 11:48

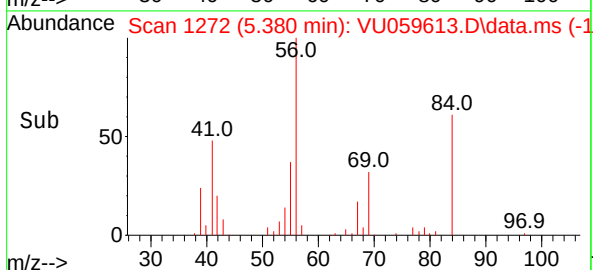
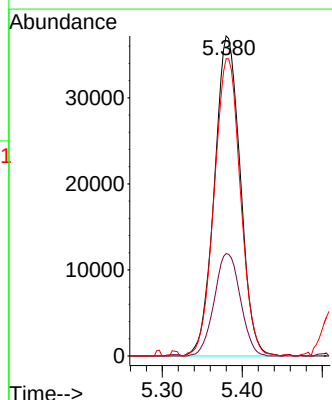
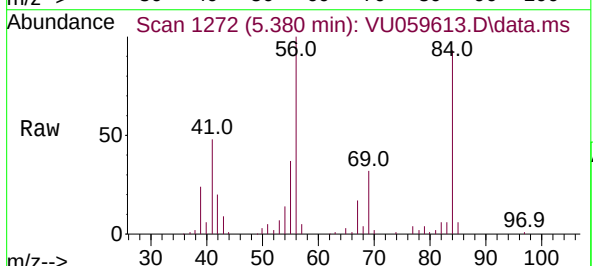
Tgt Ion: 56 Resp: 83281

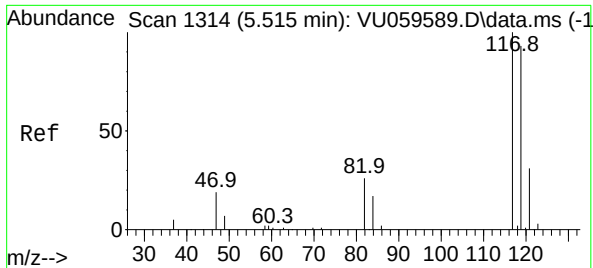
Ion Ratio Lower Upper

56 100

69 32.3 24.8 37.2

84 94.4 69.8 104.8

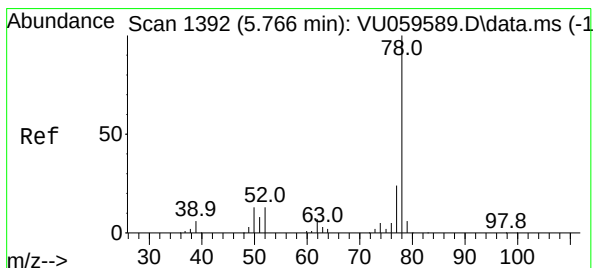
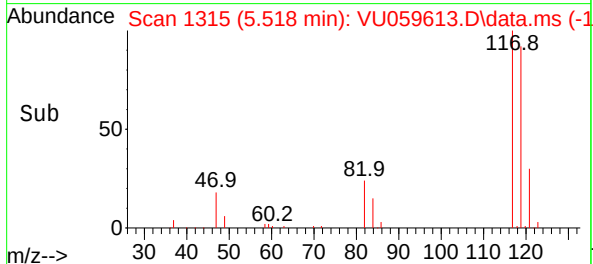
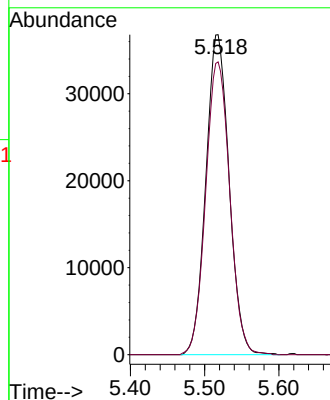
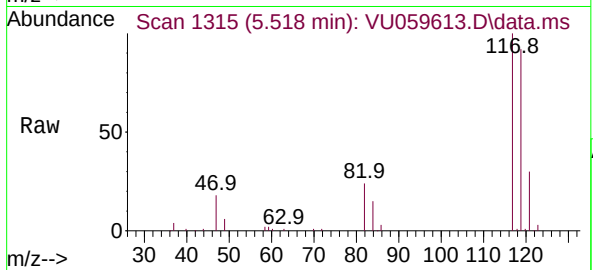




#31
Carbon tetrachloride
Concen: 5.073 ug/L
RT: 5.518 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU059613.D
Acq: 28 Jun 2024 11:48

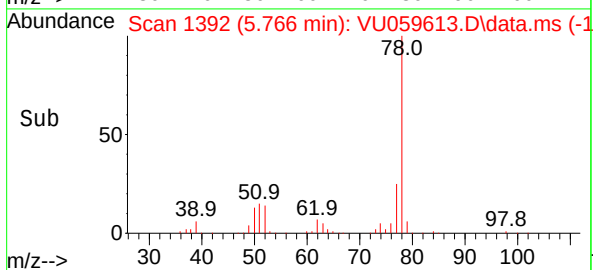
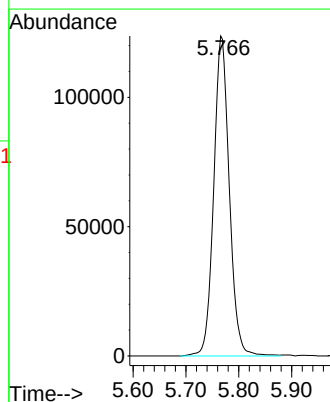
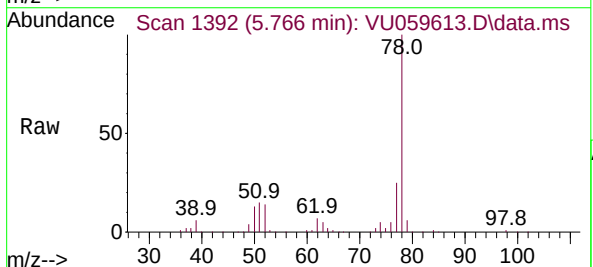
Instrument :
MSVOA_U
ClientSampleId :

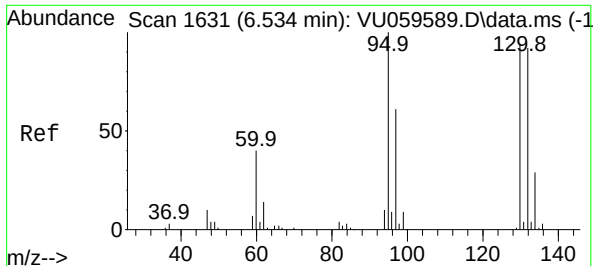
Tgt Ion:117 Resp: 80026
Ion Ratio Lower Upper
117 100
119 94.7 77.5 116.3



#33
Benzene
Concen: 5.113 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU059613.D
Acq: 28 Jun 2024 11:48

Tgt Ion: 78 Resp: 253311





#34

Trichloroethene

Concen: 4.926 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU059613.D

Acq: 28 Jun 2024 11:48

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 66092

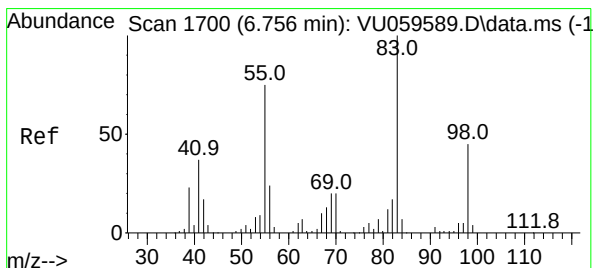
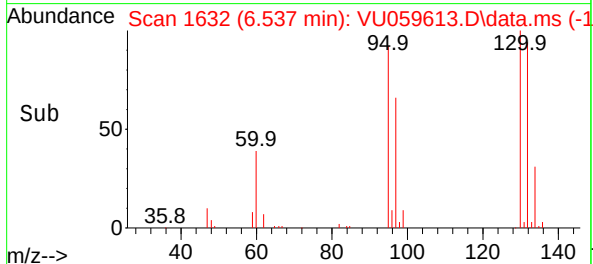
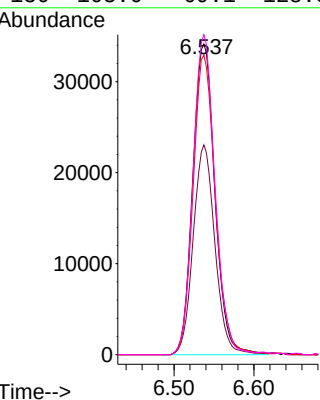
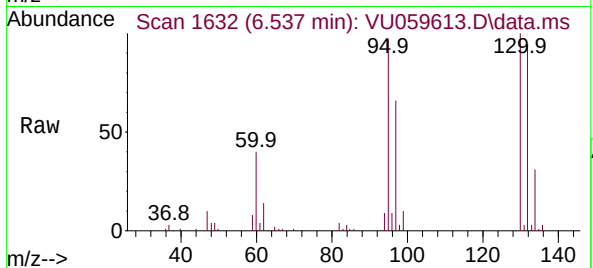
Ion Ratio Lower Upper

95 100

97 67.5 45.3 84.1

132 96.4 64.0 119.0

130 103.0 69.1 128.3



#35

Methylcyclohexane

Concen: 5.068 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VU059613.D

Acq: 28 Jun 2024 11:48

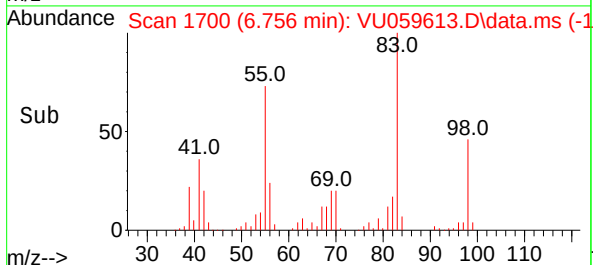
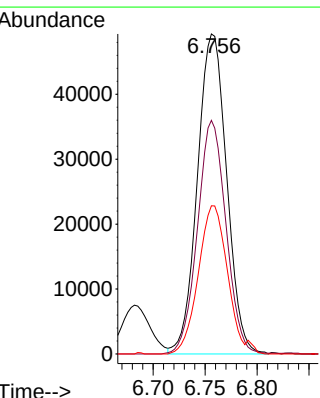
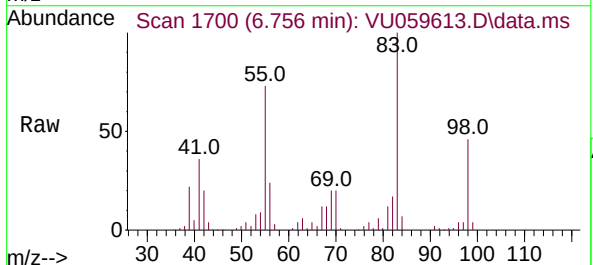
Tgt Ion: 83 Resp: 96754

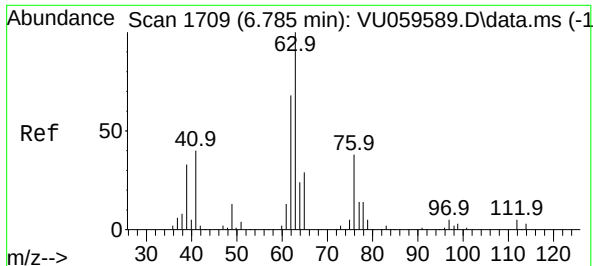
Ion Ratio Lower Upper

83 100

55 71.2 62.7 94.1

98 46.4 35.4 53.0

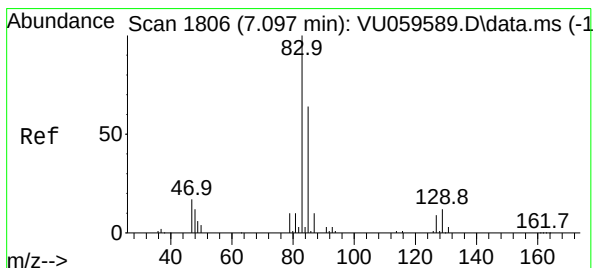
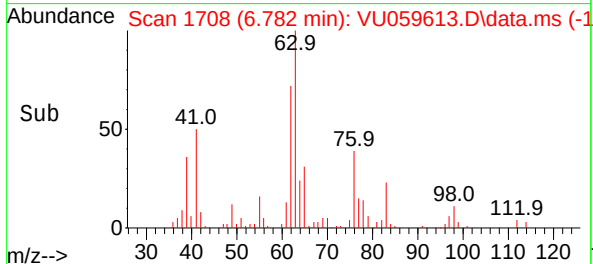
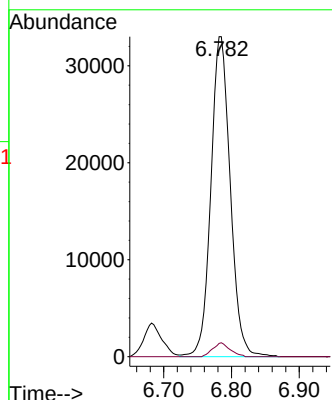
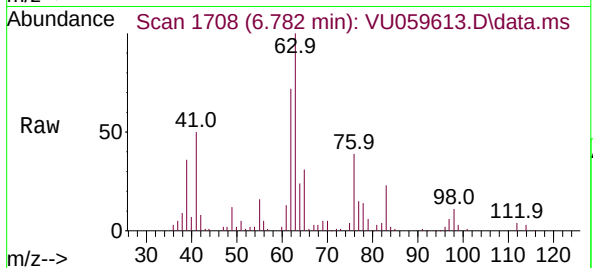




#37
1,2-Dichloropropane
Concen: 5.113 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU059613.D
Acq: 28 Jun 2024 11:48

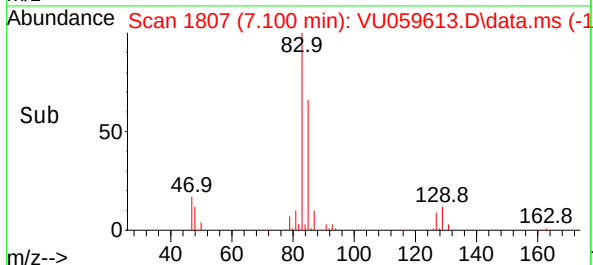
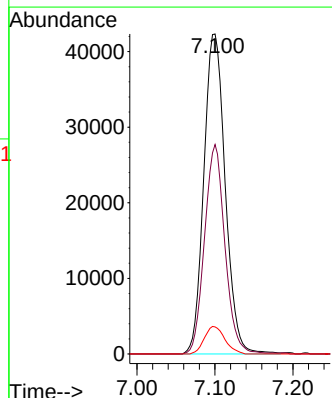
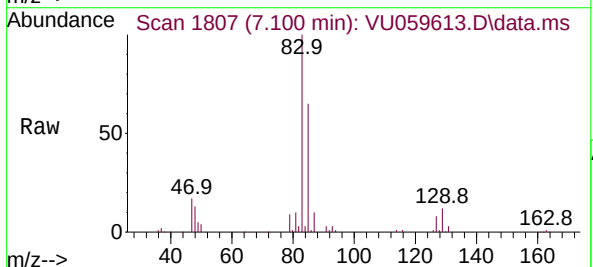
Instrument :
MSVOA_U
ClientSampleId :

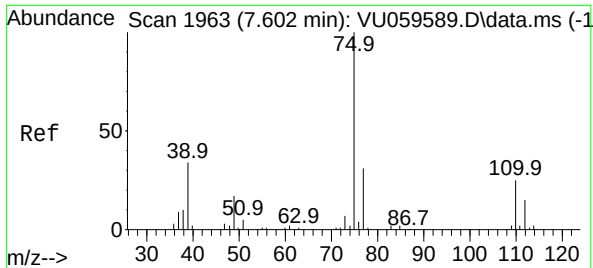
Tgt Ion: 63 Resp: 65551
Ion Ratio Lower Upper
63 100
112 3.9 2.6 3.8#



#38
Bromodichloromethane
Concen: 5.055 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU059613.D
Acq: 28 Jun 2024 11:48

Tgt Ion: 83 Resp: 80895
Ion Ratio Lower Upper
83 100
85 65.4 42.7 79.3
127 8.5 6.1 9.1

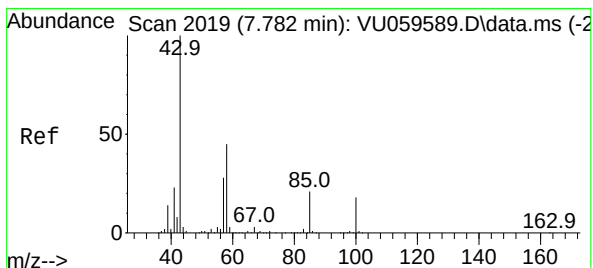
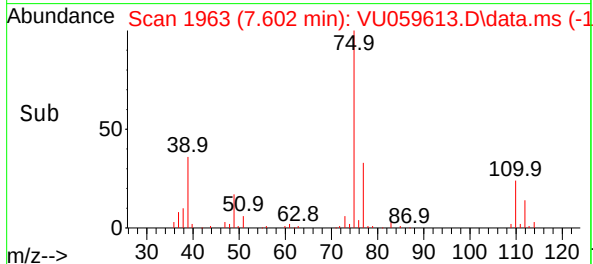
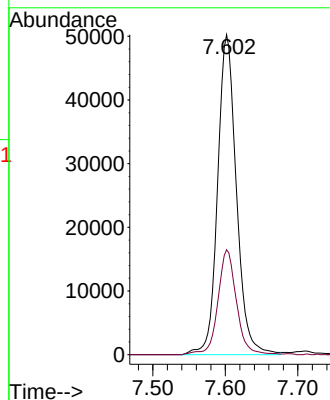
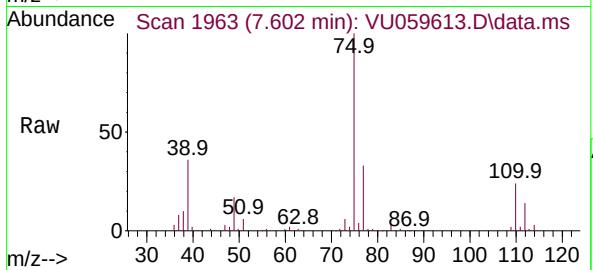




#39
 cis-1,3-Dichloropropene
 Concen: 5.171 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU059613.D
 Acq: 28 Jun 2024 11:48

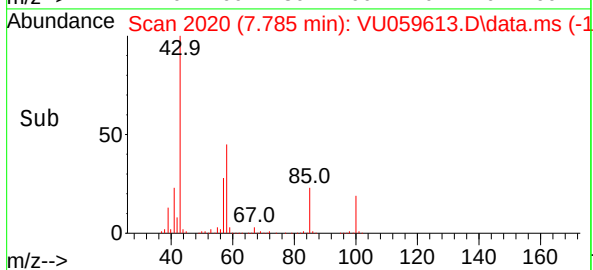
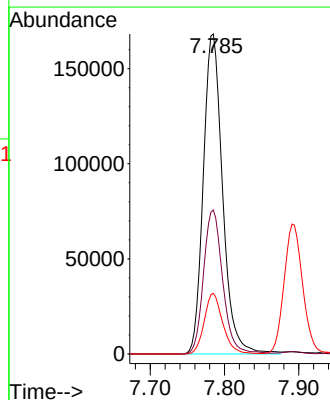
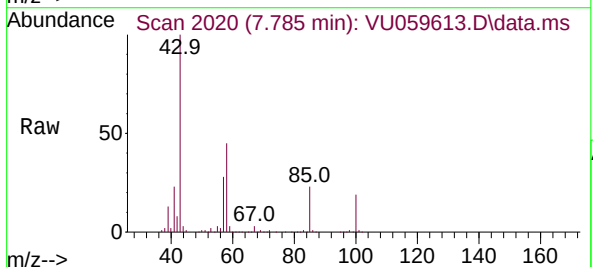
Instrument :
 MSVOA_U
 ClientSampleId :

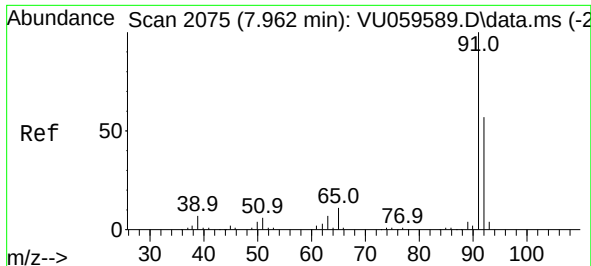
Tgt Ion: 75 Resp: 90665
 Ion Ratio Lower Upper
 75 100
 77 32.8 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 51.148 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.003 min
 Lab File: VU059613.D
 Acq: 28 Jun 2024 11:48

Tgt Ion: 43 Resp: 303850
 Ion Ratio Lower Upper
 43 100
 58 44.7 34.0 51.0
 100 18.2 12.1 18.1#





#42

Toluene

Concen: 5.261 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU059613.D

Acq: 28 Jun 2024 11:48

Instrument :

MSVOA_U

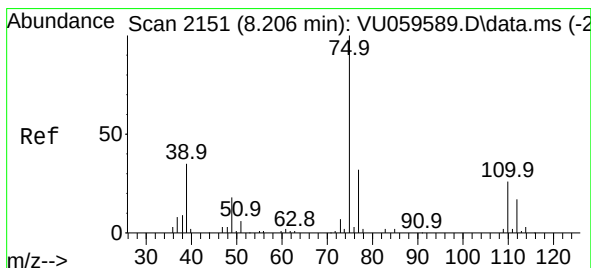
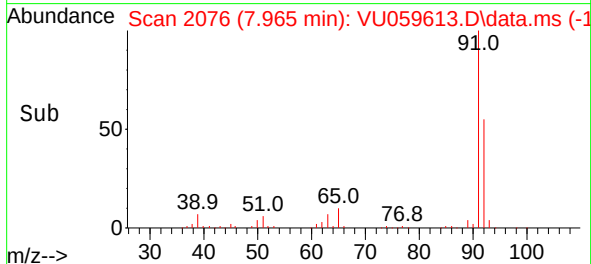
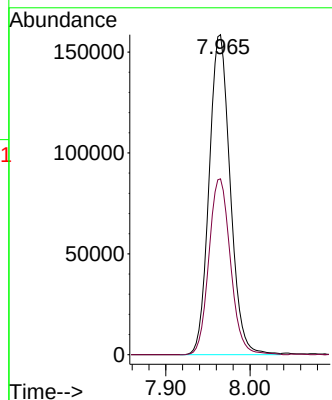
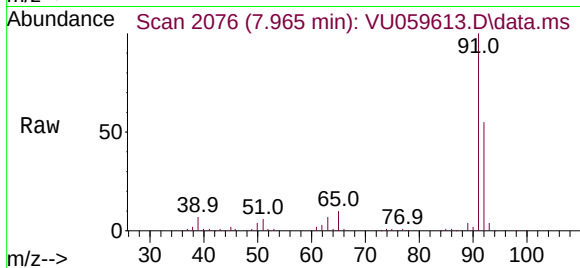
ClientSampleId :

Tgt Ion: 91 Resp: 275920

Ion Ratio Lower Upper

91 100

92 54.9 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 5.310 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU059613.D

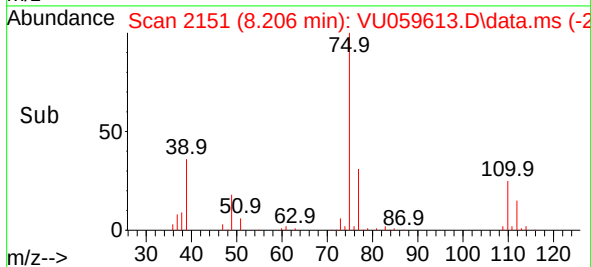
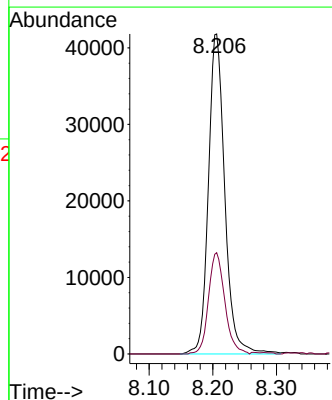
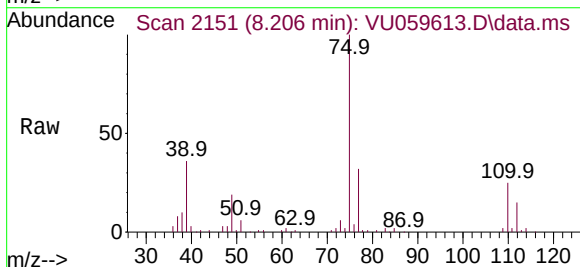
Acq: 28 Jun 2024 11:48

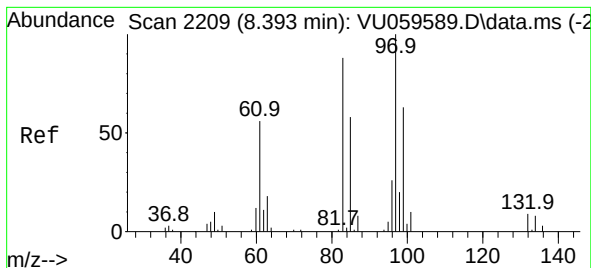
Tgt Ion: 75 Resp: 74722

Ion Ratio Lower Upper

75 100

77 31.6 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 5.164 ug/L

RT: 8.393 min Scan# 2209

Delta R.T. -0.000 min

Lab File: VU059613.D

Acq: 28 Jun 2024 11:48

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 48781

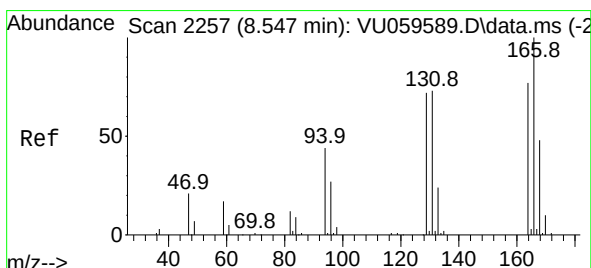
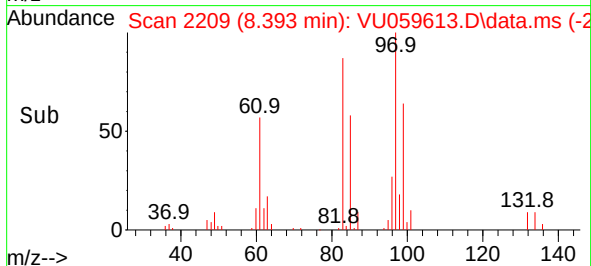
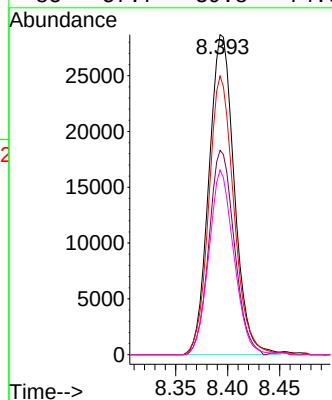
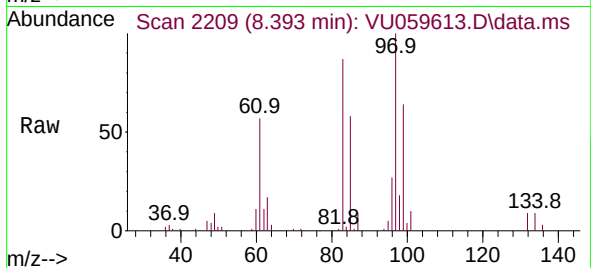
Ion Ratio Lower Upper

97 100

99 63.8 43.3 80.3

83 87.1 62.3 115.7

85 57.7 39.8 74.0



#47

Tetrachloroethene

Concen: 5.110 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU059613.D

Acq: 28 Jun 2024 11:48

Tgt Ion:164 Resp: 53201

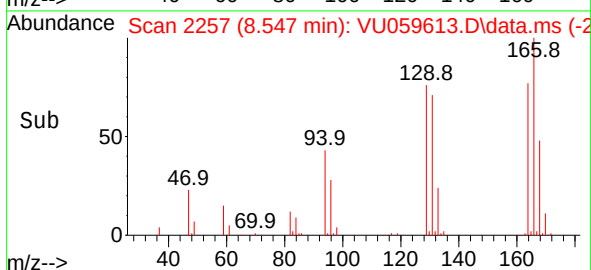
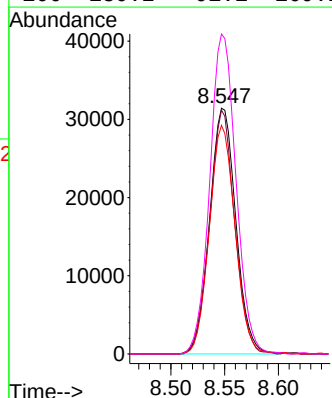
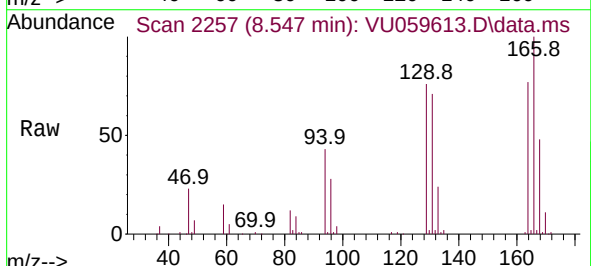
Ion Ratio Lower Upper

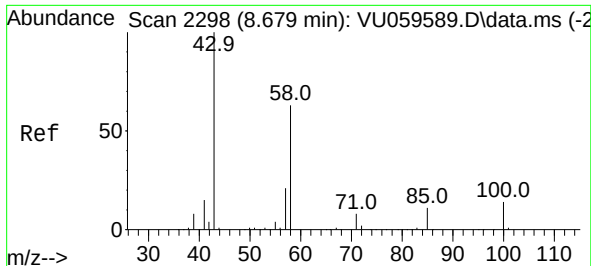
164 100

129 99.2 70.8 131.4

131 93.1 64.8 120.3

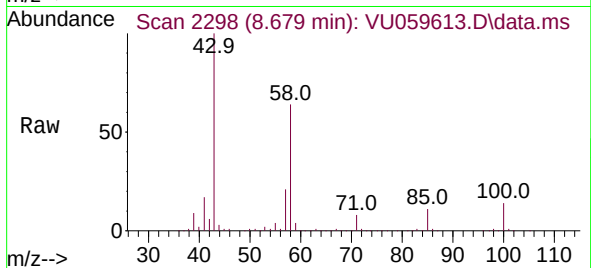
166 130.2 91.1 169.1



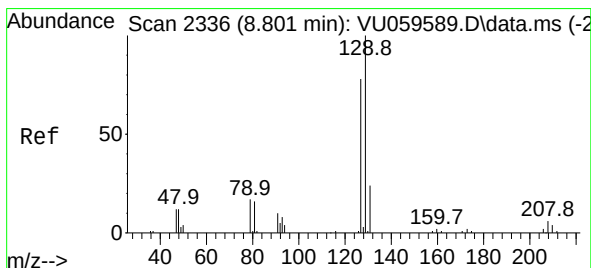
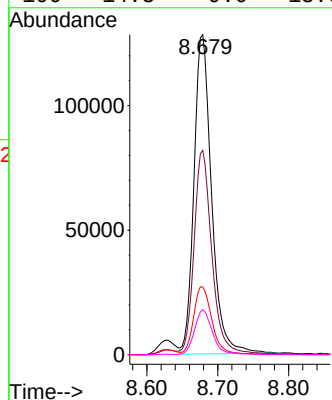
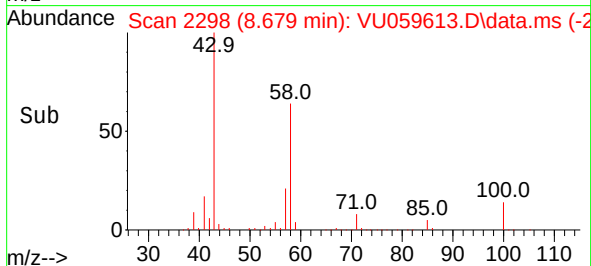


#48
2-Hexanone
Concen: 52.432 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VU059613.D
Acq: 28 Jun 2024 11:48

Instrument :
MSVOA_U
ClientSampleId :

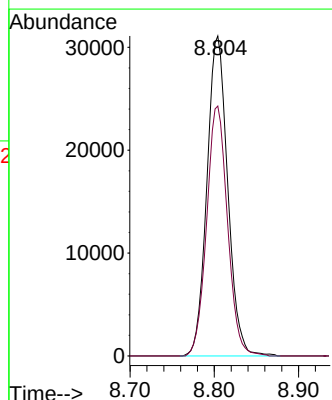
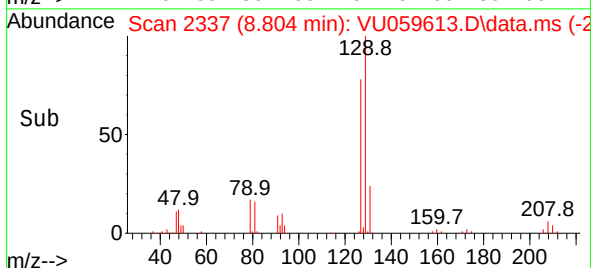
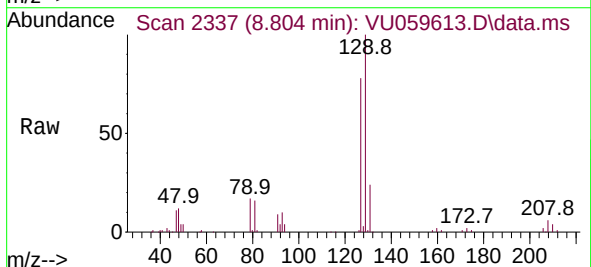


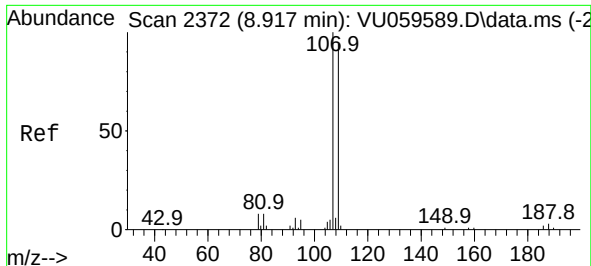
Tgt Ion: 43 Resp: 222294
Ion Ratio Lower Upper
43 100
58 63.8 46.1 69.1
57 21.4 15.5 23.3
100 14.3 9.0 13.6#



#49
Dibromochloromethane
Concen: 5.101 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VU059613.D
Acq: 28 Jun 2024 11:48

Tgt Ion:129 Resp: 53387
Ion Ratio Lower Upper
129 100
127 78.1 52.5 97.5





#50

1,2-Dibromoethane

Concen: 5.282 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. -0.000 min

Lab File: VU059613.D

Acq: 28 Jun 2024 11:48

Instrument :

MSVOA_U

ClientSampleId :

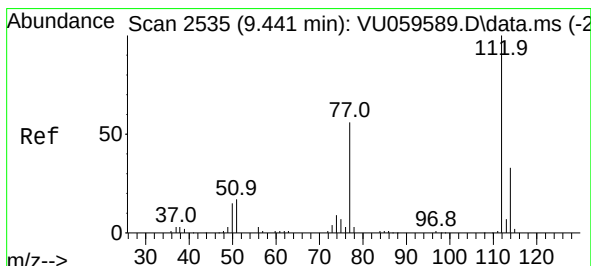
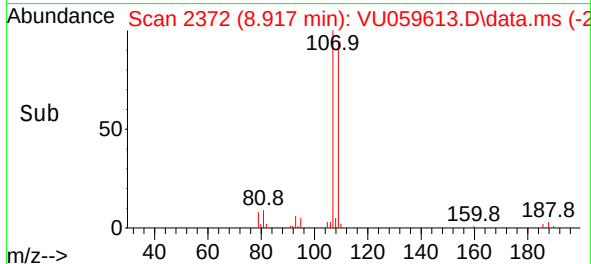
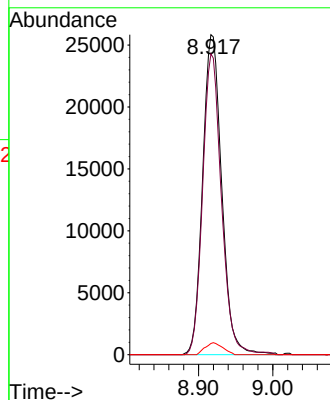
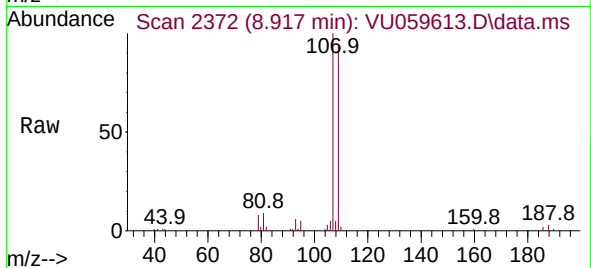
Tgt Ion:107 Resp: 46082

Ion Ratio Lower Upper

107 100

109 94.0 66.9 124.3

188 3.5 2.7 4.1



#51

Chlorobenzene

Concen: 5.187 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.000 min

Lab File: VU059613.D

Acq: 28 Jun 2024 11:48

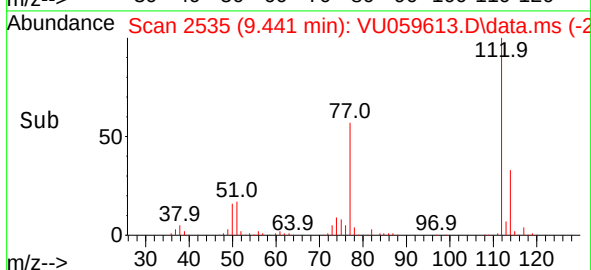
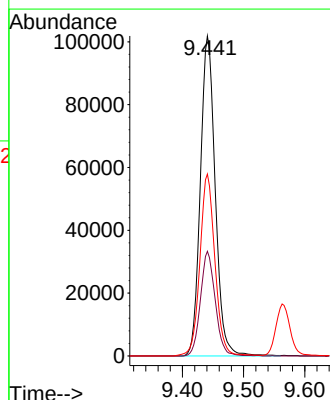
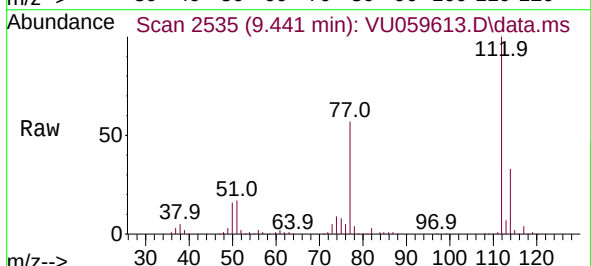
Tgt Ion:112 Resp: 172542

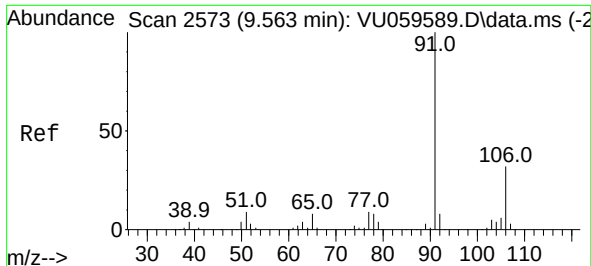
Ion Ratio Lower Upper

112 100

114 32.7 22.4 41.6

77 56.9 49.1 73.7

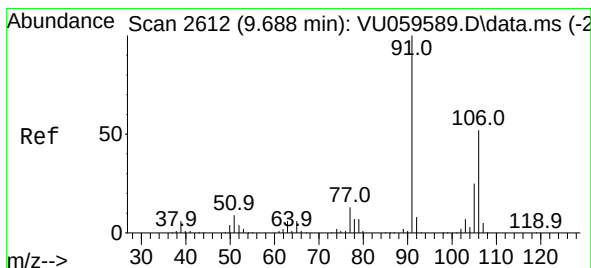
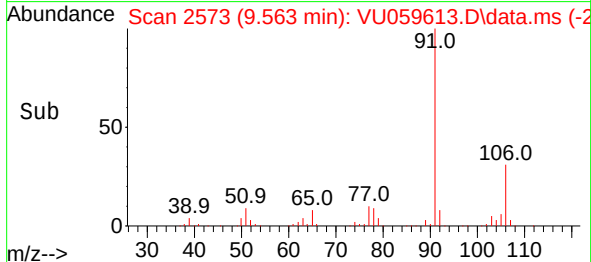
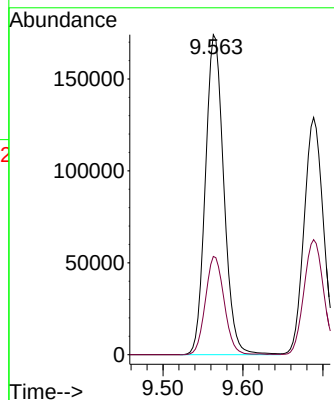
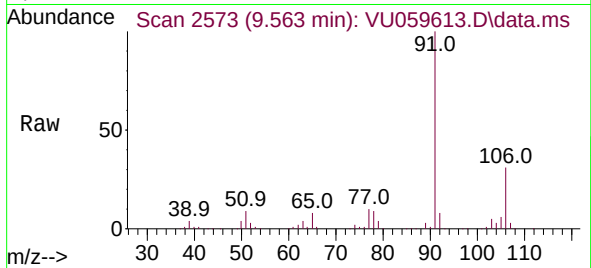




#52
Ethylbenzene
Concen: 5.199 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU059613.D
Acq: 28 Jun 2024 11:48

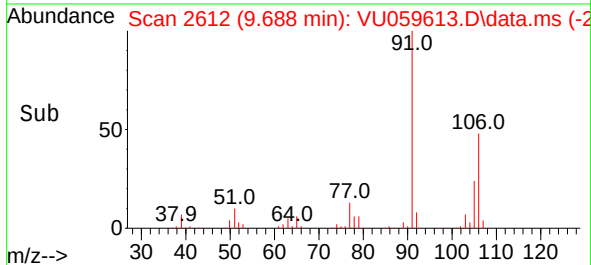
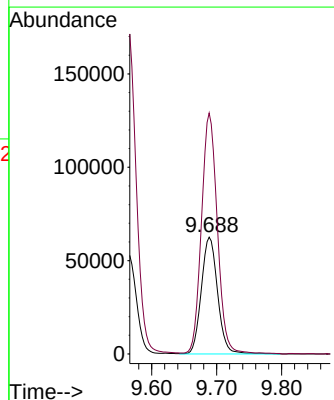
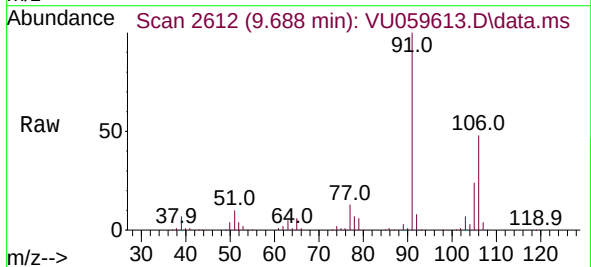
Instrument :
MSVOA_U
ClientSampleId :

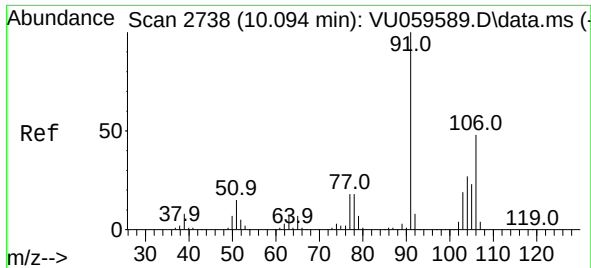
Tgt Ion: 91 Resp: 279736
Ion Ratio Lower Upper
91 100
106 30.7 20.9 38.7



#53
m,p-Xylene
Concen: 5.291 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU059613.D
Acq: 28 Jun 2024 11:48

Tgt Ion:106 Resp: 109336
Ion Ratio Lower Upper
106 100
91 206.2 142.0 263.8

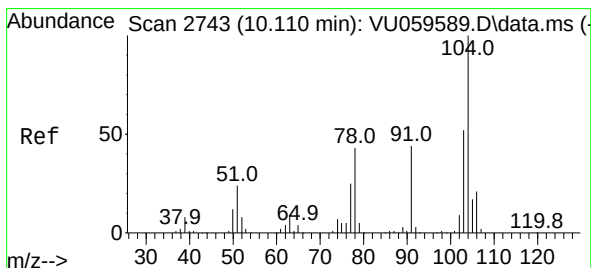
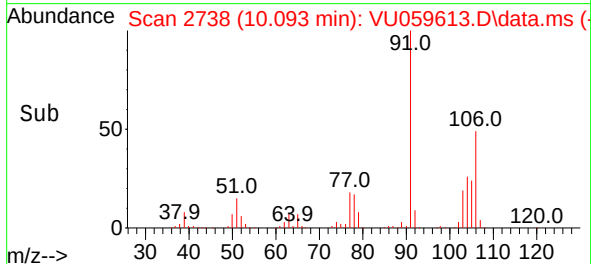
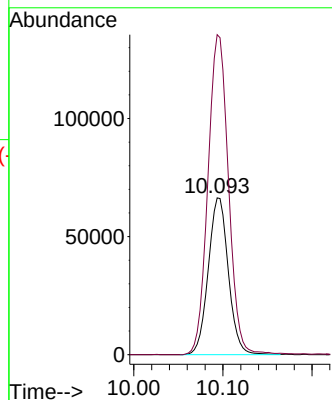
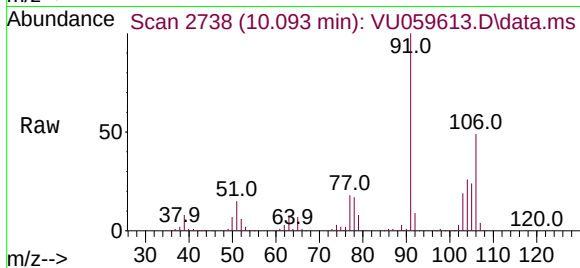




#54
o-Xylene
Concen: 5.297 ug/L
RT: 10.093 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU059613.D
Acq: 28 Jun 2024 11:48

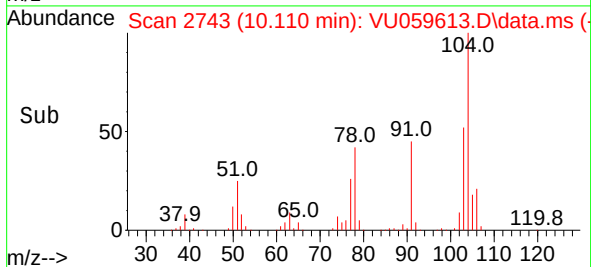
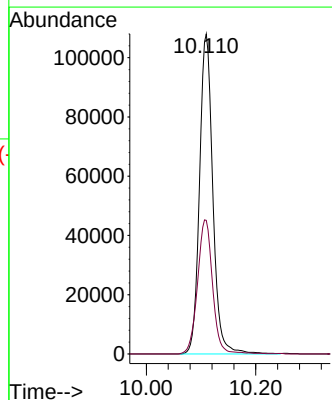
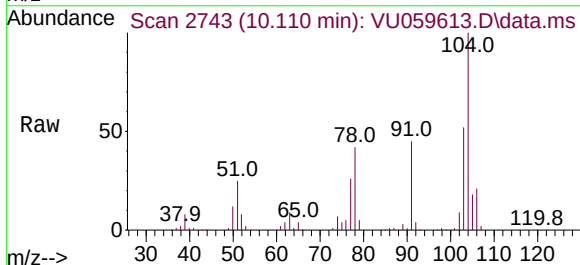
Instrument :
MSVOA_U
ClientSampleId :

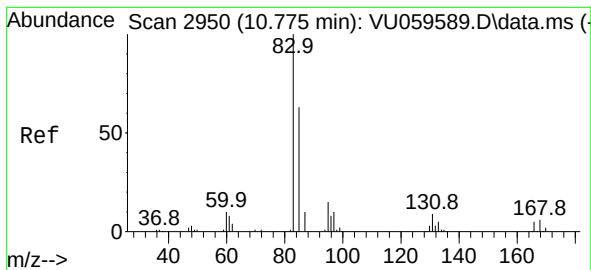
Tgt Ion:106 Resp: 103885
Ion Ratio Lower Upper
106 100
91 204.0 151.6 281.6



#55
Styrene
Concen: 5.465 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU059613.D
Acq: 28 Jun 2024 11:48

Tgt Ion:104 Resp: 182454
Ion Ratio Lower Upper
104 100
78 41.7 32.3 60.1

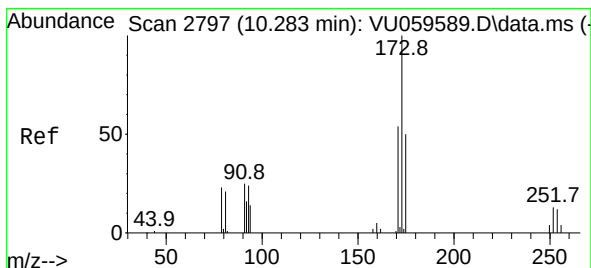
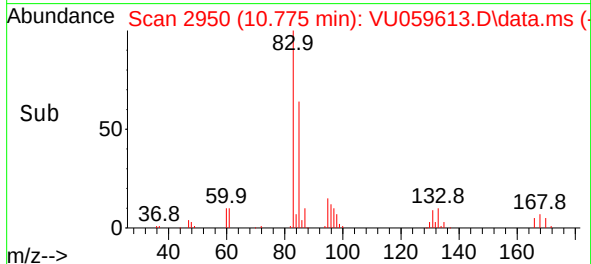
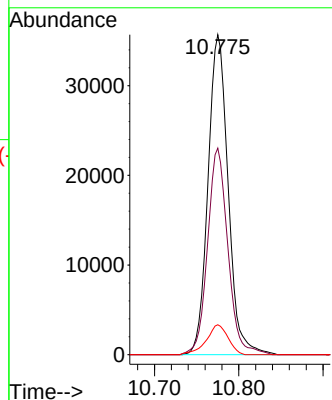
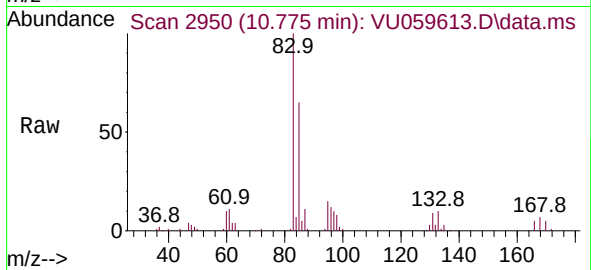




#57
1,1,2,2-Tetrachloroethane
Concen: 5.173 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU059613.D
Acq: 28 Jun 2024 11:48

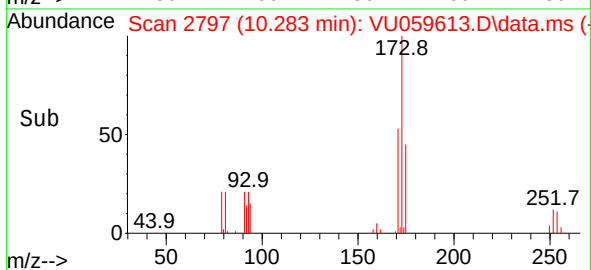
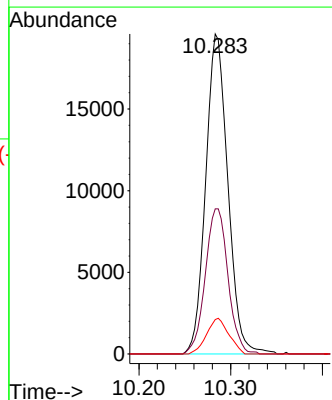
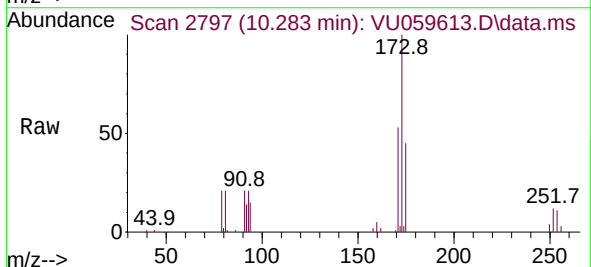
Instrument :
MSVOA_U
ClientSampleId :

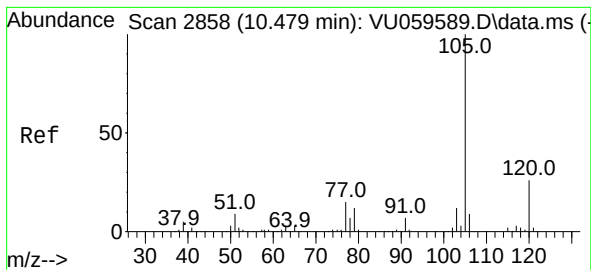
Tgt Ion: 83 Resp: 59284
Ion Ratio Lower Upper
83 100
85 64.6 44.7 82.9
131 9.4 6.9 10.3



#59
Bromoform
Concen: 4.929 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. -0.000 min
Lab File: VU059613.D
Acq: 28 Jun 2024 11:48

Tgt Ion:173 Resp: 32890
Ion Ratio Lower Upper
173 100
175 46.5 39.4 59.2
254 11.2 7.4 11.2#





#60

Isopropylbenzene

Concen: 5.105 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. -0.000 min

Lab File: VU059613.D

Acq: 28 Jun 2024 11:48

Instrument :

MSVOA_U

ClientSampleId :

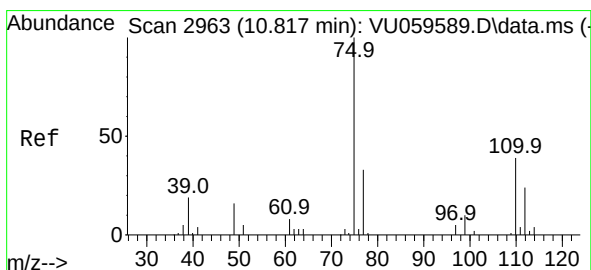
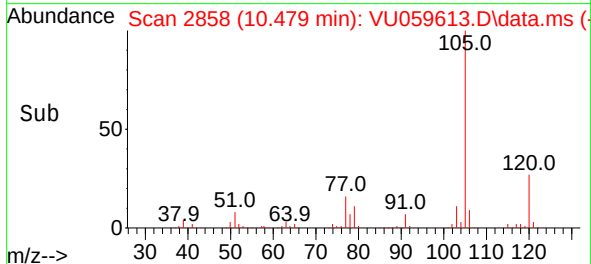
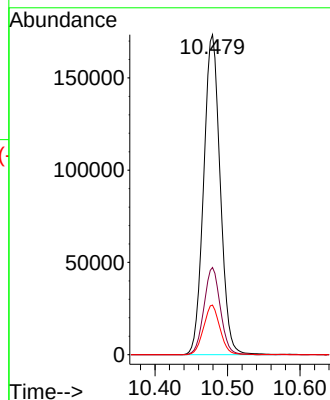
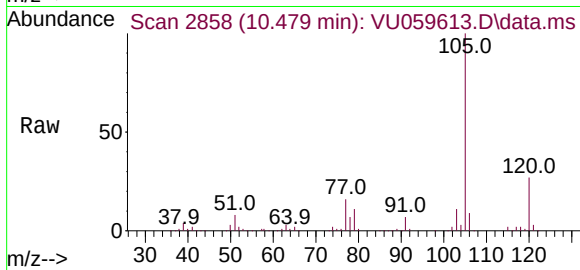
Tgt Ion:105 Resp: 274978

Ion Ratio Lower Upper

105 100

120 27.1 20.6 31.0

77 15.3 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 4.932 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. -0.000 min

Lab File: VU059613.D

Acq: 28 Jun 2024 11:48

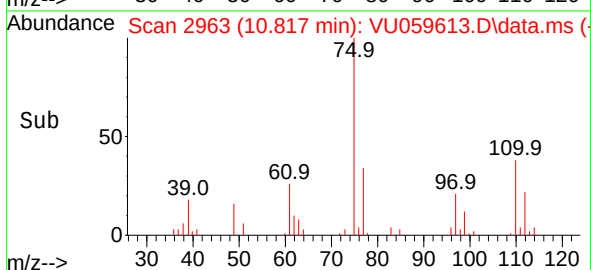
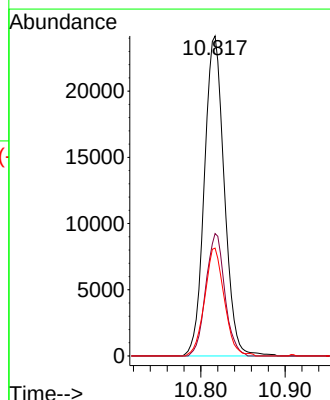
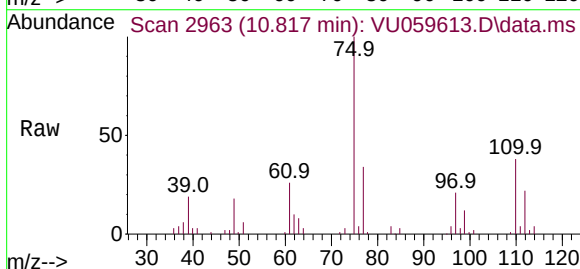
Tgt Ion: 75 Resp: 39739

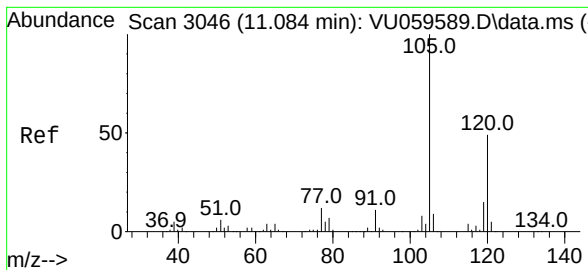
Ion Ratio Lower Upper

75 100

110 36.5 27.1 40.7

77 33.3 25.4 38.2

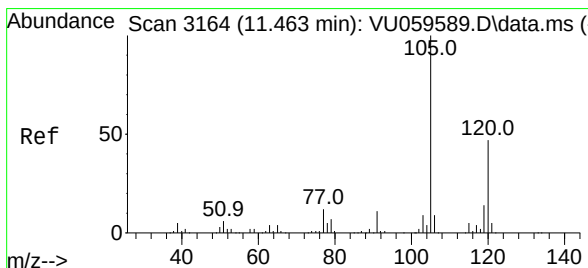
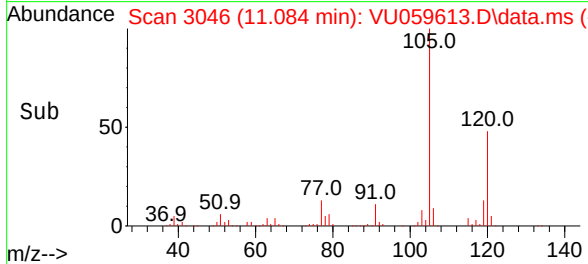
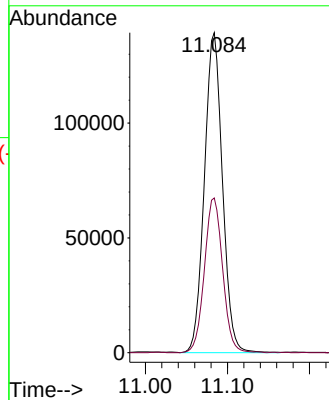
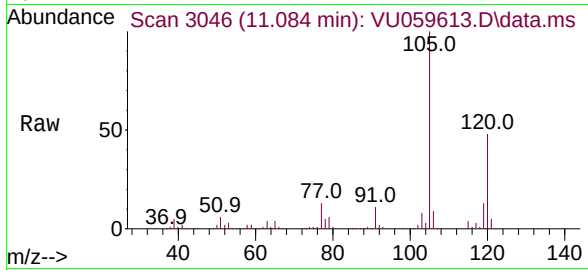




#62
 1,3,5-Trimethylbenzene
 Concen: 4.998 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. -0.000 min
 Lab File: VU059613.D
 Acq: 28 Jun 2024 11:48

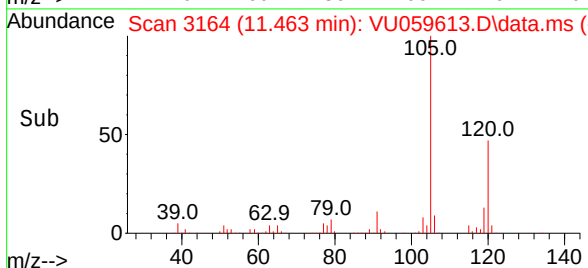
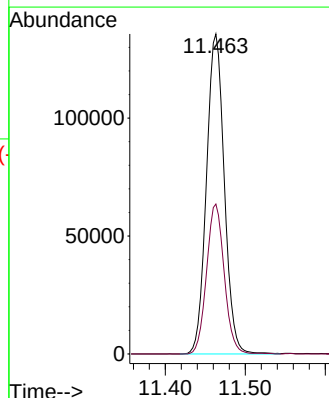
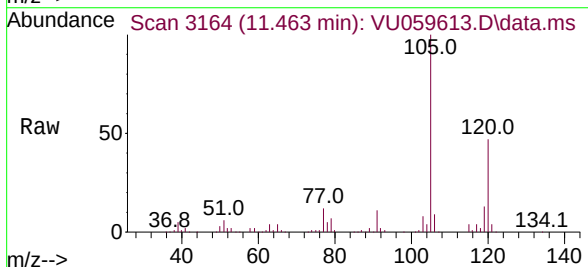
Instrument :
 MSVOA_U
 ClientSampleId :

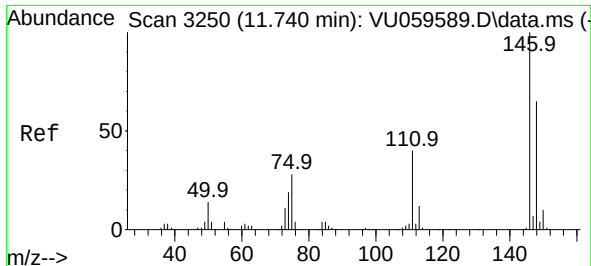
Tgt Ion:105 Resp: 213259
 Ion Ratio Lower Upper
 105 100
 120 48.8 38.2 57.4



#63
 1,2,4-Trimethylbenzene
 Concen: 5.172 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. -0.000 min
 Lab File: VU059613.D
 Acq: 28 Jun 2024 11:48

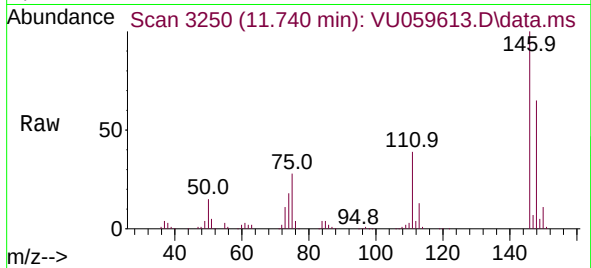
Tgt Ion:105 Resp: 211005
 Ion Ratio Lower Upper
 105 100
 120 46.3 35.4 53.0



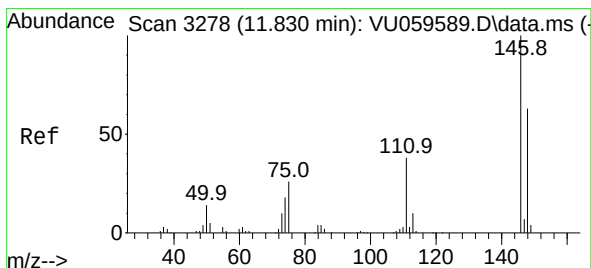
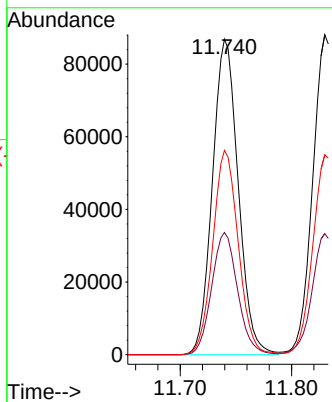
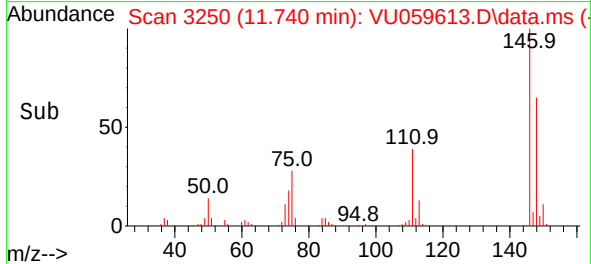


#64
1,3-Dichlorobenzene
Concen: 5.091 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VU059613.D
Acq: 28 Jun 2024 11:48

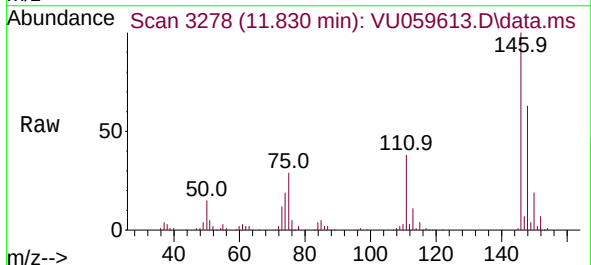
Instrument :
MSVOA_U
ClientSampleId :



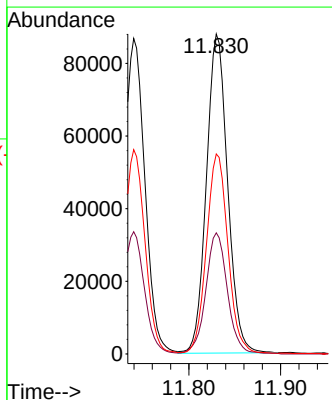
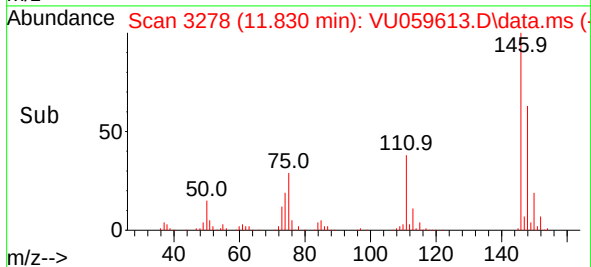
Tgt Ion:146 Resp: 139469
Ion Ratio Lower Upper
146 100
111 38.7 27.4 51.0
148 64.8 45.0 83.6

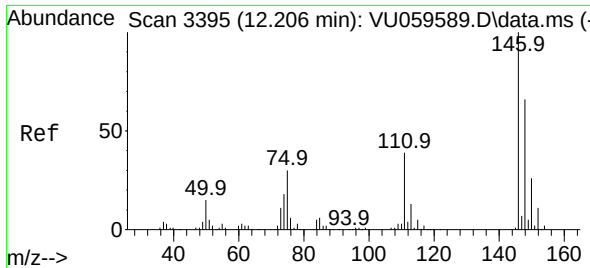


#65
1,4-Dichlorobenzene
Concen: 5.017 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU059613.D
Acq: 28 Jun 2024 11:48



Tgt Ion:146 Resp: 141461
Ion Ratio Lower Upper
146 100
111 37.8 26.9 50.1
148 62.5 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.052 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU059613.D

Acq: 28 Jun 2024 11:48

Instrument :

MSVOA_U

ClientSampleId :

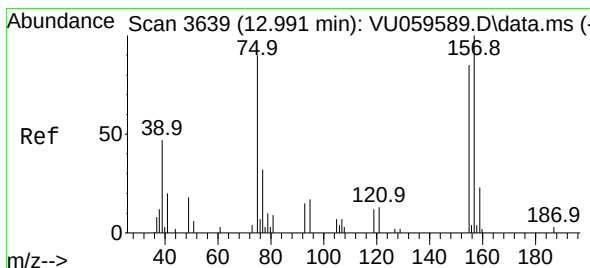
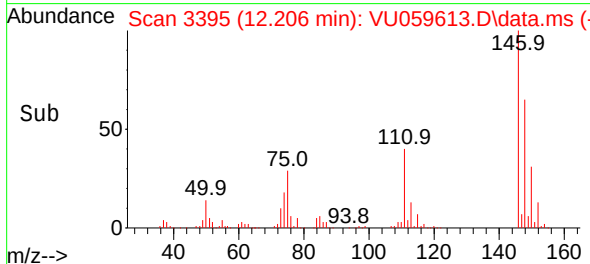
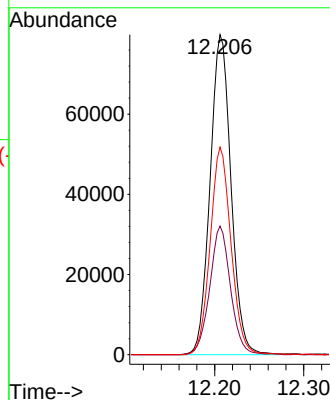
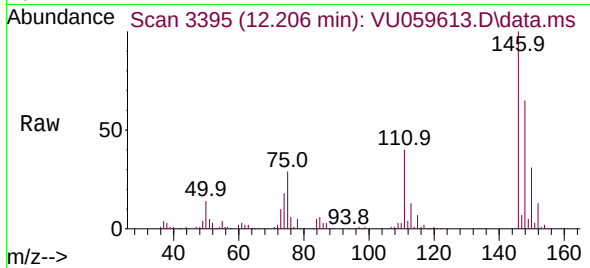
Tgt Ion:146 Resp: 130234

Ion Ratio Lower Upper

146 100

111 40.2 33.4 50.0

148 64.8 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.236 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU059613.D

Acq: 28 Jun 2024 11:48

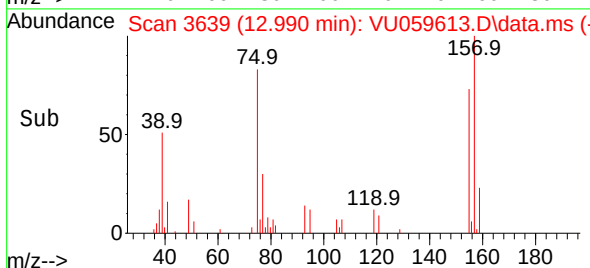
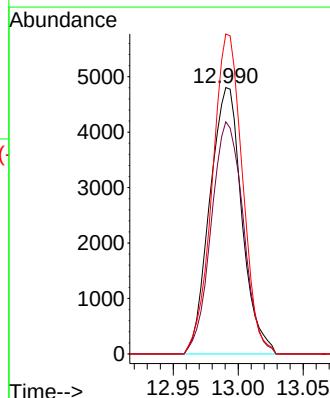
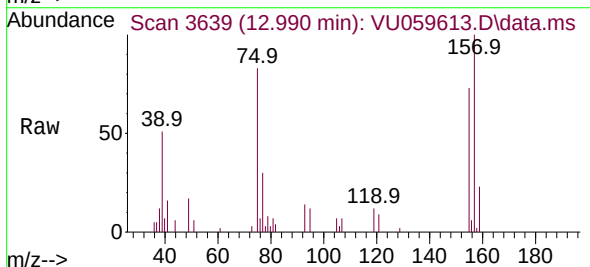
Tgt Ion: 75 Resp: 8230

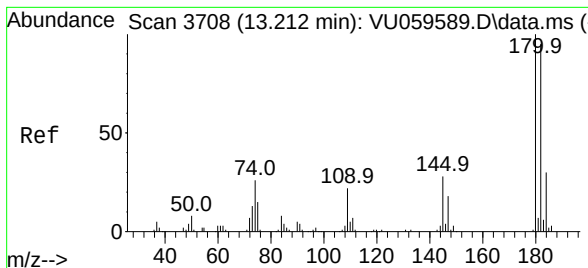
Ion Ratio Lower Upper

75 100

155 87.1 58.2 87.2

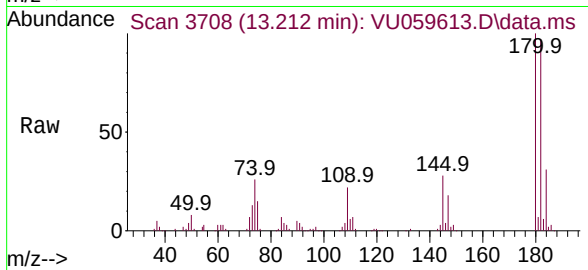
157 120.1 80.0 120.0#



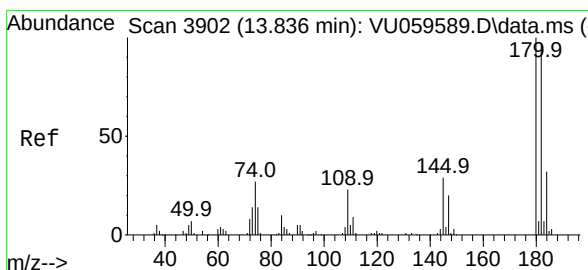
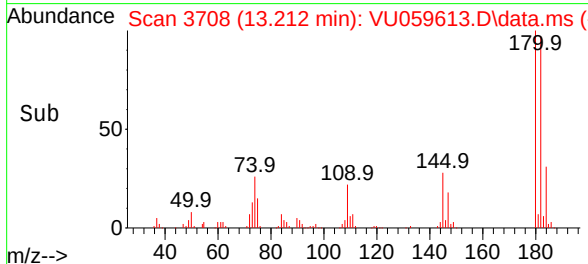
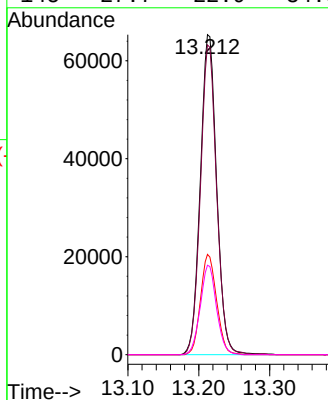


#69
1,3,5-Trichlorobenzene
Concen: 5.160 ug/L
RT: 13.212 min Scan# 3708
Delta R.T. -0.000 min
Lab File: VU059613.D
Acq: 28 Jun 2024 11:48

Instrument :
MSVOA_U
ClientSampleId :

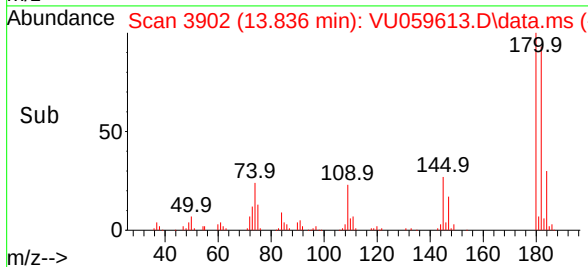
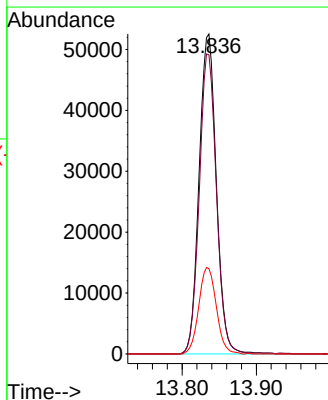
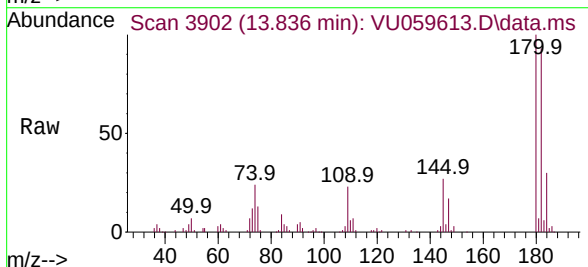


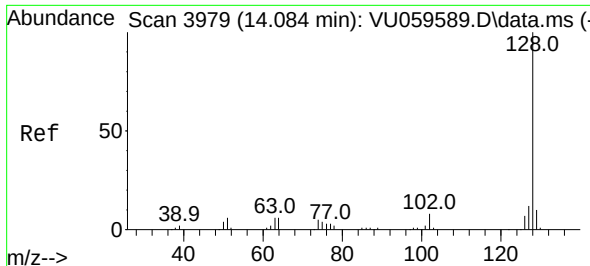
Tgt Ion:180 Resp: 104644
Ion Ratio Lower Upper
180 100
182 95.9 75.4 113.0
184 30.8 23.0 34.6
145 27.7 22.9 34.3



#70
1,2,4-trichlorobenzene
Concen: 5.447 ug/L
RT: 13.836 min Scan# 3902
Delta R.T. -0.000 min
Lab File: VU059613.D
Acq: 28 Jun 2024 11:48

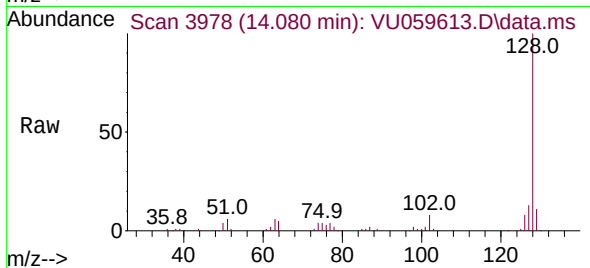
Tgt Ion:180 Resp: 84742
Ion Ratio Lower Upper
180 100
182 93.1 74.9 112.3
145 27.5 23.9 35.9



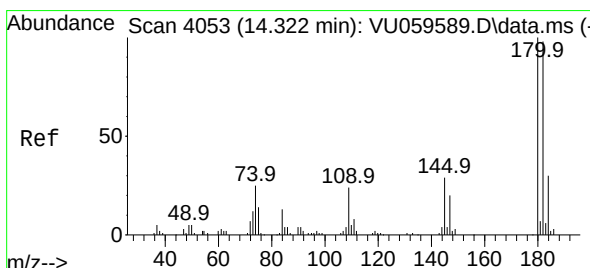
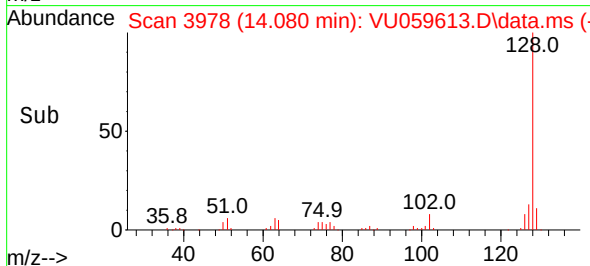
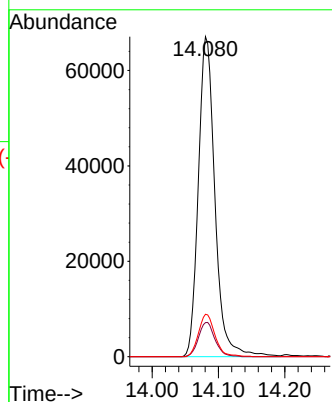


#71
Naphthalene
Concen: 5.240 ug/L
RT: 14.080 min Scan# 3979
Delta R.T. -0.003 min
Lab File: VU059613.D
Acq: 28 Jun 2024 11:48

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 116676
Ion Ratio Lower Upper
128 100
129 10.6 8.2 12.4
127 13.2 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.369 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU059613.D
Acq: 28 Jun 2024 11:48

Tgt Ion:180 Resp: 77556
Ion Ratio Lower Upper
180 100
182 96.0 77.0 115.6
145 30.4 26.2 39.4

