

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
 Data File : VU059398.D
 Acq On : 21 Jun 2024 08:36
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 21 23:55:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 21 06:47:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	232956	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	232307	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	120063	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	67642	48.496	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.000%
7) Chloroethane-d5	1.908	69	54198	45.361	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.720%
11) 1,1-Dichloroethene-d2	2.563	63	120583	43.798	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.600%
21) 2-Butanone-d5	4.612	46	81553	62.032	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	62.030%
24) Chloroform-d	5.055	84	119994	43.215	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.420%
26) 1,2-Dichloroethane-d4	5.695	65	70904	41.663	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.320%
32) Benzene-d6	5.721	84	241756	45.342	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.680%
36) 1,2-Dichloropropane-d6	6.685	67	73729	40.105	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.220%
41) Toluene-d8	7.894	98	229564	50.719	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.440%
43) trans-1,3-Dichloroprop...	8.177	79	34073	45.852	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.700%
47) 2-Hexanone-d5	8.627	63	52887	62.211	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	62.210%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	113118	36.357	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	72.720%
66) 1,2-Dichlorobenzene-d4	12.187	152	84216	47.002	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	95841	40.604	ug/L	100
3) Chloromethane	1.518	50	97572	35.768	ug/L	99
5) Vinyl chloride	1.599	62	109752	40.944	ug/L	100
6) Bromomethane	1.850	94	73944	34.481	ug/L	98
8) Chloroethane	1.927	64	67895	40.618	ug/L	98
9) Trichlorofluoromethane	2.133	101	139447	44.705	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	89498	49.314	ug/L	91
12) 1,1-Dichloroethene	2.573	96	78500	47.690	ug/L	86
13) Acetone	2.615	43	129174	83.591	ug/L	96
14) Carbon disulfide	2.785	76	227239	40.991	ug/L	98
15) Methyl Acetate	2.940	43	88451	36.135	ug/L	94
16) Methylene chloride	3.036	84	94689	42.514	ug/L	91
17) trans-1,2-Dichloroethene	3.345	96	82125	46.225	ug/L	90
18) Methyl tert-butyl Ether	3.354	73	245870	42.604	ug/L	97
19) 1,1-Dichloroethane	3.859	63	159015	41.756	ug/L	99
20) cis-1,2-Dichloroethene	4.660	96	93491	46.179	ug/L	90
22) 2-Butanone	4.689	43	148778	79.523	ug/L	92
23) Bromochloromethane	4.965	128	49649	48.414	ug/L	83
25) Chloroform	5.078	83	168453	45.683	ug/L	98

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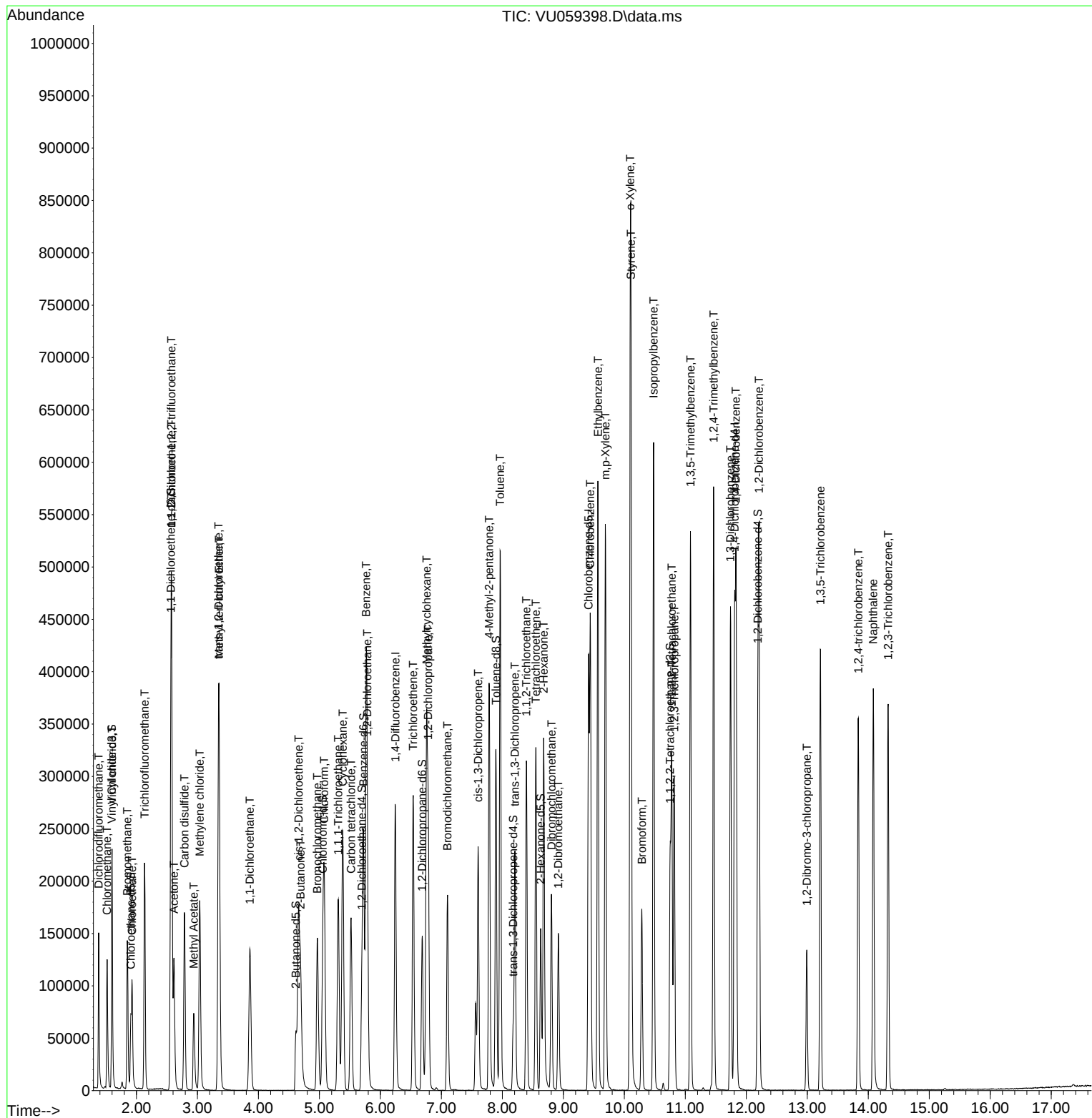
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	128127	41.132	ug/L	96
29) Cyclohexane	5.383	56	121261	39.099	ug/L	92
30) 1,1,1-Trichloroethane	5.309	97	134151	44.414	ug/L	97
31) Carbon tetrachloride	5.518	117	113910	46.429	ug/L	99
33) Benzene	5.766	78	361698	43.119	ug/L	100
34) Trichloroethene	6.538	95	99172	48.283	ug/L	90
35) Methylcyclohexane	6.759	83	139395	46.157	ug/L	92
37) 1,2-Dichloropropane	6.782	63	98502	41.353	ug/L	98
38) Bromodichloromethane	7.100	83	125841	45.354	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	142159	43.135	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	238459	76.361	ug/L #	96
42) Toluene	7.962	91	393640	46.750	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	132130	44.285	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	100992	47.156	ug/L	97
46) Tetrachloroethene	8.550	164	73506	53.727	ug/L	92
48) 2-Hexanone	8.676	43	201052	76.338	ug/L #	97
49) Dibromochloromethane	8.804	129	97528	50.390	ug/L	99
50) 1,2-Dibromoethane	8.917	107	102838	46.550	ug/L	97
51) Chlorobenzene	9.441	112	246524	48.509	ug/L	96
52) Ethylbenzene	9.566	91	407883	46.987	ug/L	100
53) m,p-Xylene	9.689	106	158510	49.684	ug/L	95
54) o-Xylene	10.097	106	154614	50.006	ug/L	93
55) Styrene	10.110	104	269913	51.357	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.775	83	162156	41.564	ug/L	97
59) Bromoform	10.287	173	79158	50.284	ug/L	99
60) 1,2,3-Trichloropropane	10.817	75	129165	38.686	ug/L	98
61) Isopropylbenzene	10.480	105	400986	47.472	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	289801	47.353	ug/L	97
63) 1,2,4-Trimethylbenzene	11.463	105	316084	47.644	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	196102	49.673	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	201059	49.314	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	196783	47.691	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	33935	40.092	ug/L #	82
69) 1,3,5-Trichlorobenzene	13.216	180	136757	52.453	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	115901	55.658	ug/L	98
71) Naphthalene	14.081	128	322264	48.892	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	120141	56.748	ug/L	99

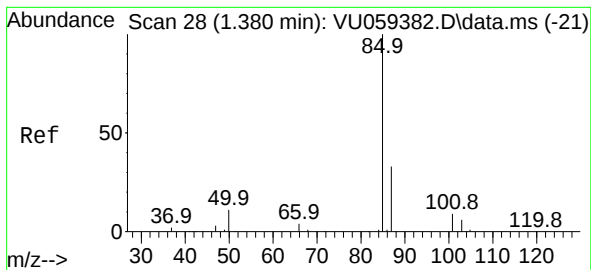
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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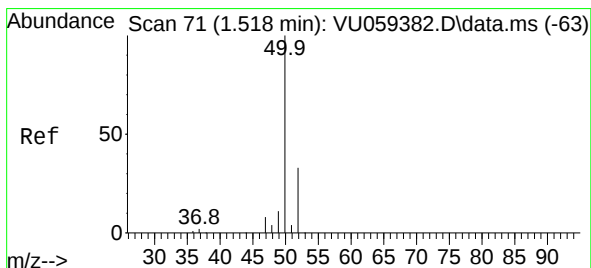
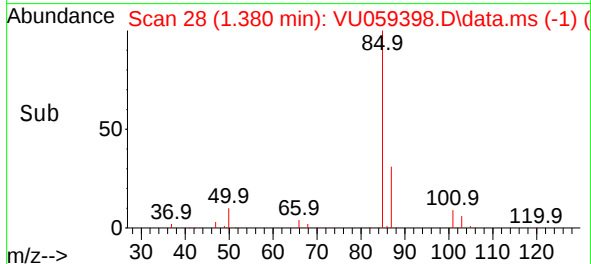
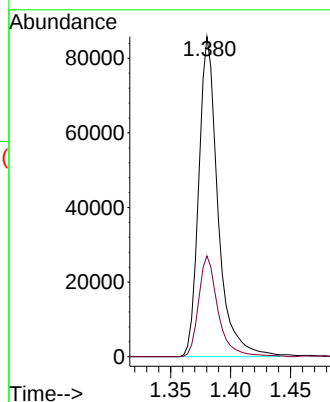
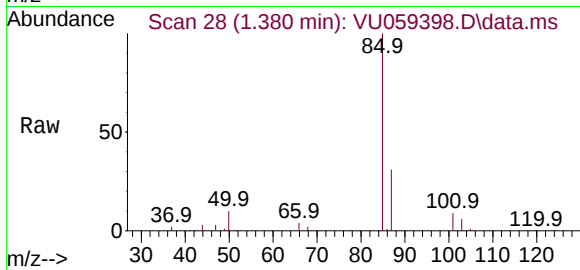




#2
 Dichlorodifluoromethane
 Concen: 40.604 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VU059398.D
 Acq: 21 Jun 2024 08:36

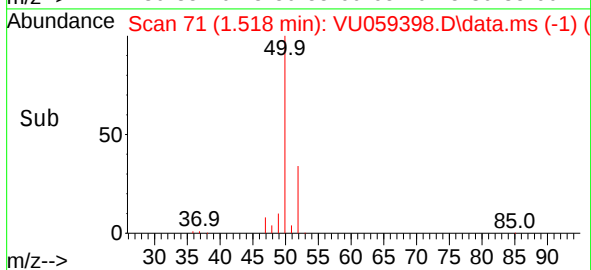
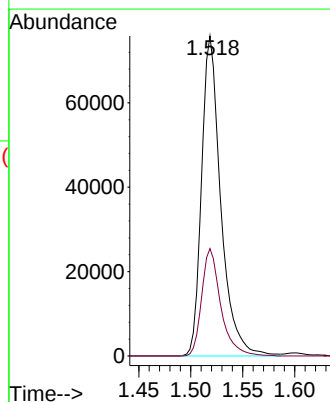
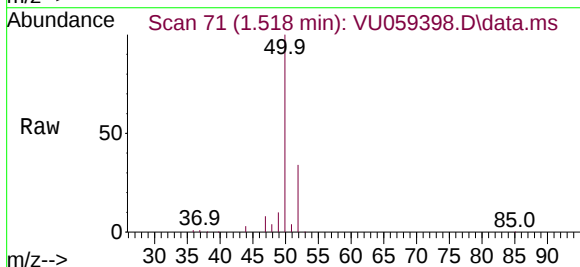
Instrument :
 MSVOA_U
 ClientSampleId :

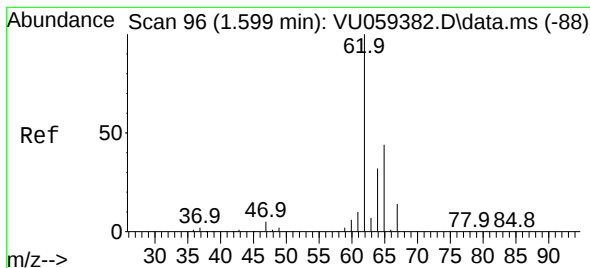
Tgt Ion: 85 Resp: 95841
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.4 38.2



#3
 Chloromethane
 Concen: 35.768 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU059398.D
 Acq: 21 Jun 2024 08:36

Tgt Ion: 50 Resp: 97572
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.2 43.2





#5

Vinyl chloride

Concen: 40.944 ug/L

RT: 1.599 min Scan# 96

Delta R.T. 0.000 min

Lab File: VU059398.D

Acq: 21 Jun 2024 08:36

Instrument :

MSVOA_U

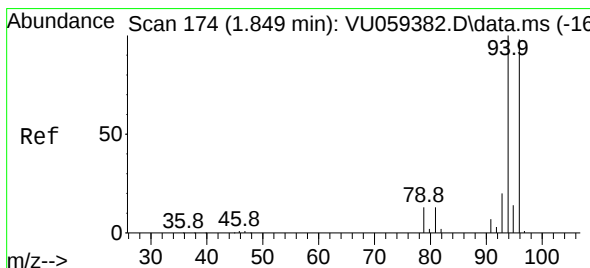
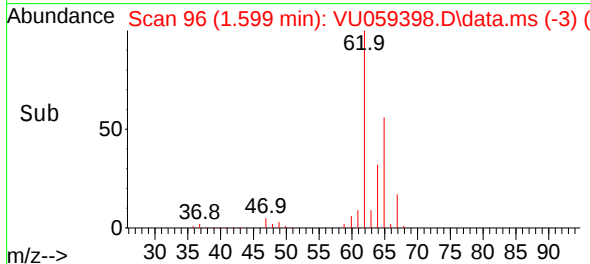
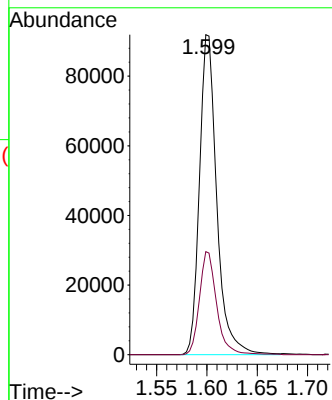
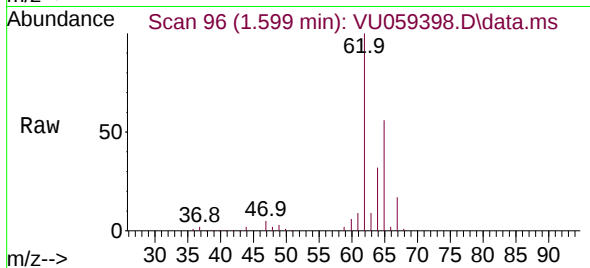
ClientSampleId :

Tgt Ion: 62 Resp: 109752

Ion Ratio Lower Upper

62 100

64 32.2 22.5 41.7



#6

Bromomethane

Concen: 34.481 ug/L

RT: 1.850 min Scan# 174

Delta R.T. 0.000 min

Lab File: VU059398.D

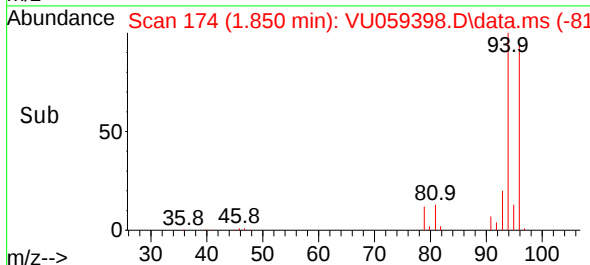
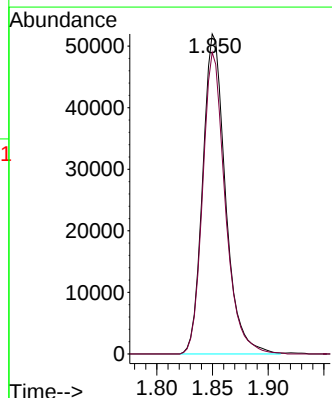
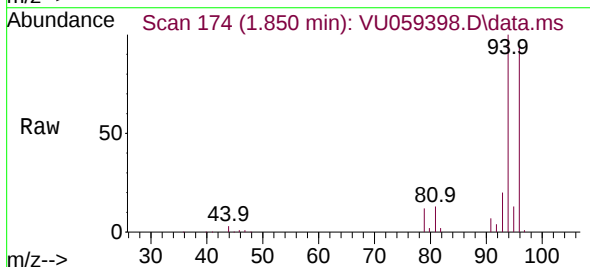
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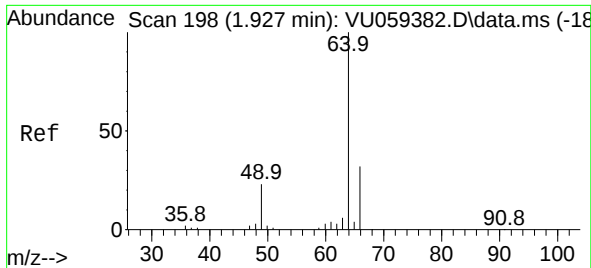
Tgt Ion: 94 Resp: 73944

Ion Ratio Lower Upper

94 100

96 94.2 67.1 124.7

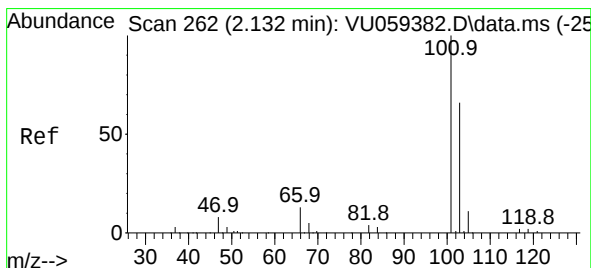
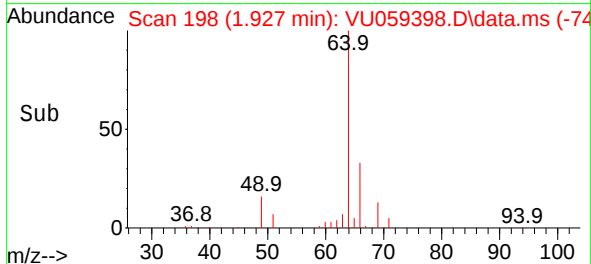
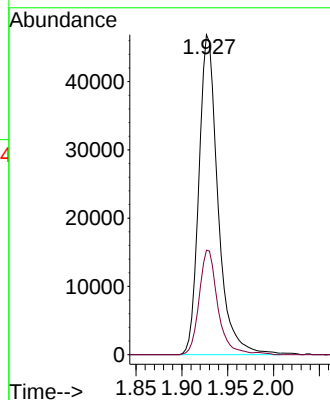
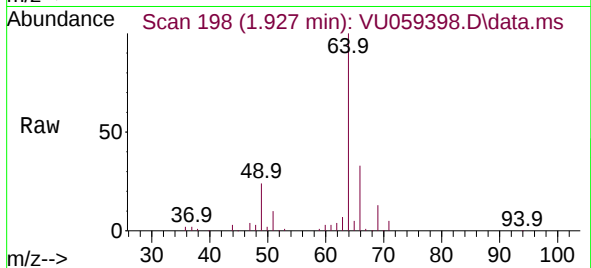




#8
Chloroethane
Concen: 40.618 ug/L
RT: 1.927 min Scan# 198
Delta R.T. 0.000 min
Lab File: VU059398.D
Acq: 21 Jun 2024 08:36

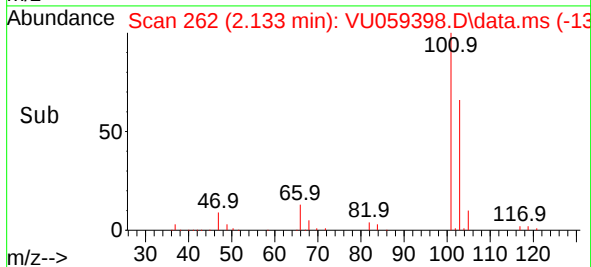
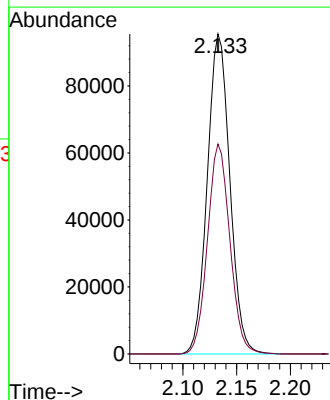
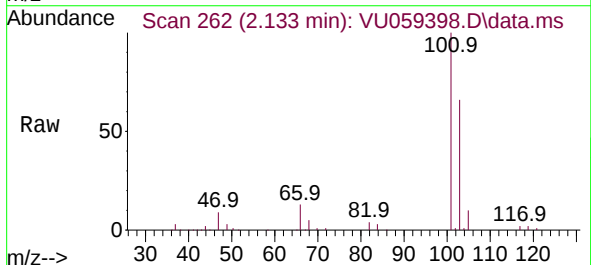
Instrument :
MSVOA_U
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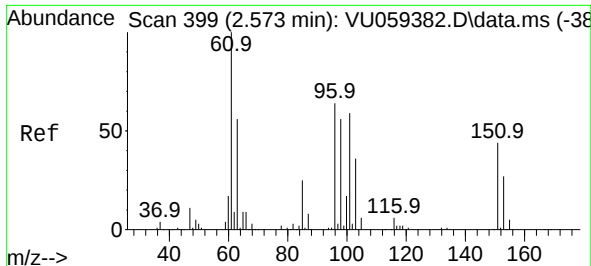
Tgt Ion: 64 Resp: 67895
Ion Ratio Lower Upper
64 100
66 32.7 22.1 41.1



#9
Trichlorofluoromethane
Concen: 44.705 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU059398.D
Acq: 21 Jun 2024 08:36

Tgt Ion:101 Resp: 139447
Ion Ratio Lower Upper
101 100
103 65.0 51.8 77.6

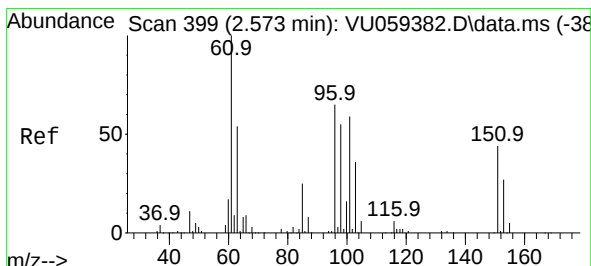
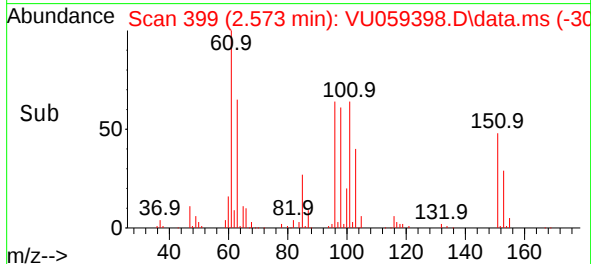
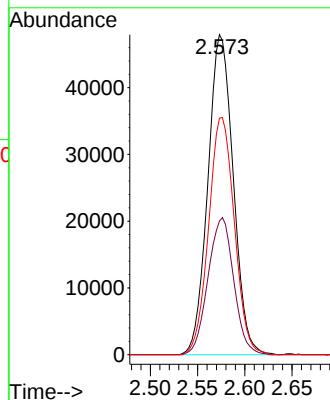
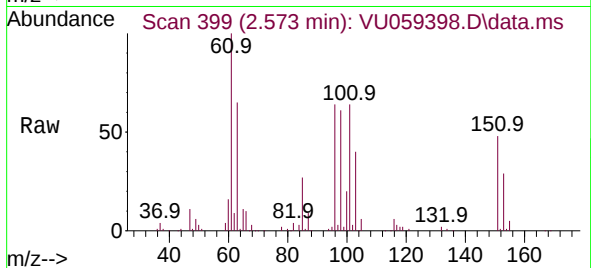




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.314 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU059398.D
 Acq: 21 Jun 2024 08:36

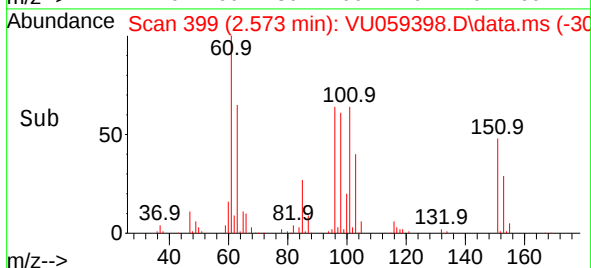
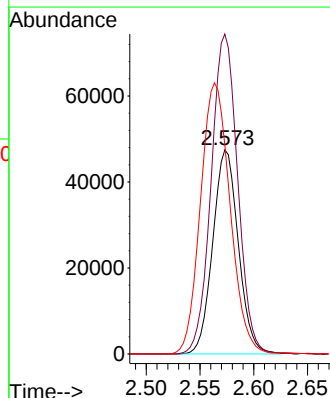
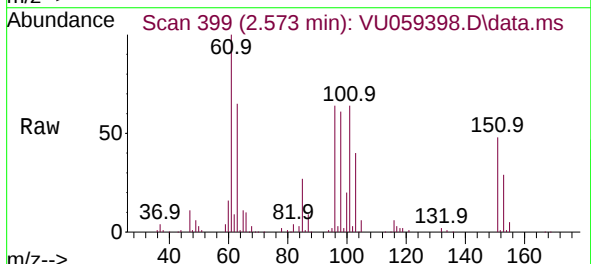
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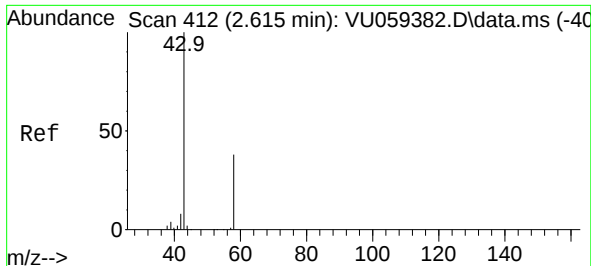
Tgt Ion:101 Resp: 89498
 Ion Ratio Lower Upper
 101 100
 85 43.3 36.7 55.1
 151 75.1 52.2 78.2



#12
 1,1-Dichloroethene
 Concen: 47.690 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU059398.D
 Acq: 21 Jun 2024 08:36

Tgt Ion: 96 Resp: 78500
 Ion Ratio Lower Upper
 96 100
 61 156.8 126.3 234.6
 63 102.3 78.7 146.1





#13

Acetone

Concen: 83.591 ug/L

RT: 2.615 min Scan# 412

Delta R.T. 0.000 min

Lab File: VU059398.D

Acq: 21 Jun 2024 08:36

Instrument :

MSVOA_U

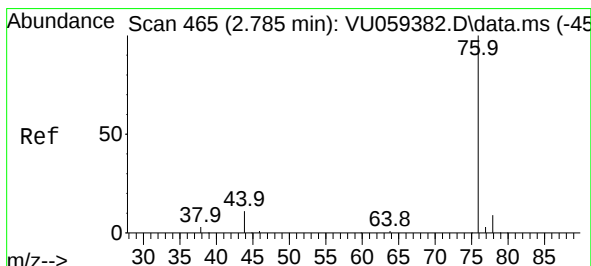
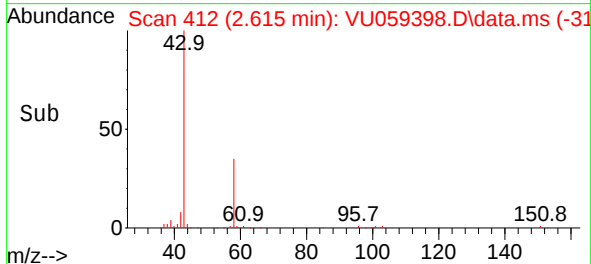
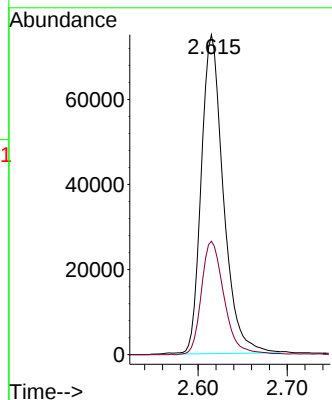
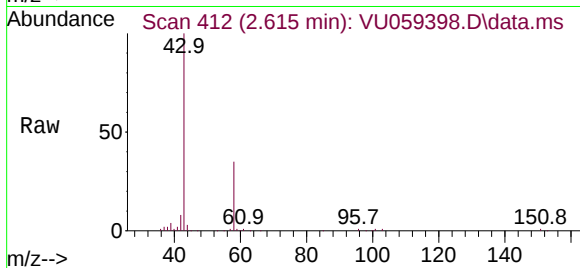
ClientSampleId :

Tgt Ion: 43 Resp: 129174

Ion Ratio Lower Upper

43 100

58 36.5 0.0 68.8



#14

Carbon disulfide

Concen: 40.991 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU059398.D

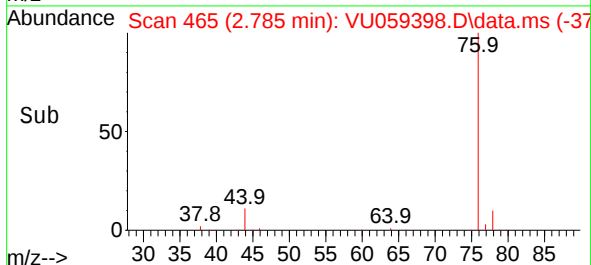
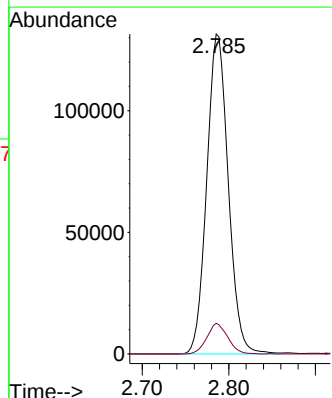
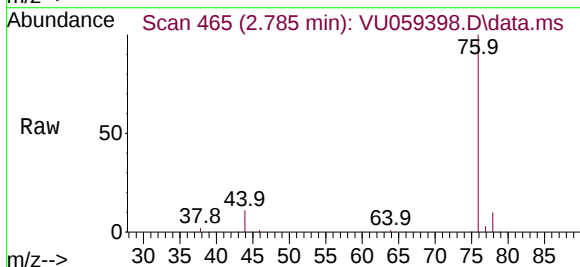
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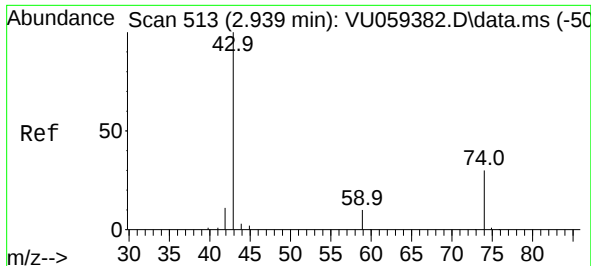
Tgt Ion: 76 Resp: 227239

Ion Ratio Lower Upper

76 100

78 9.6 7.2 10.8





#15

Methyl Acetate

Concen: 36.135 ug/L

RT: 2.940 min Scan# 513

Delta R.T. 0.000 min

Lab File: VU059398.D

Acq: 21 Jun 2024 08:36

Instrument :

MSVOA_U

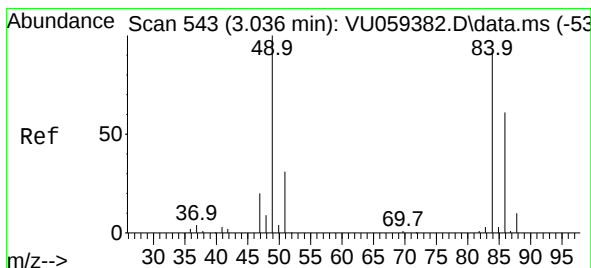
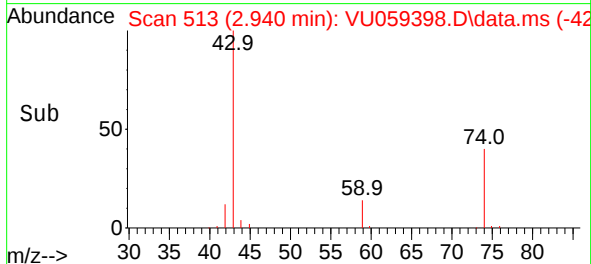
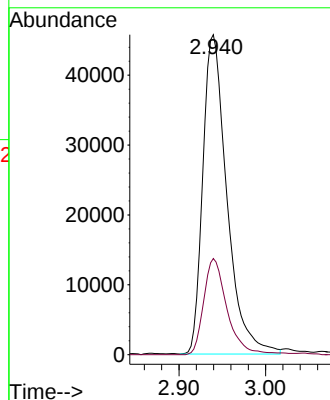
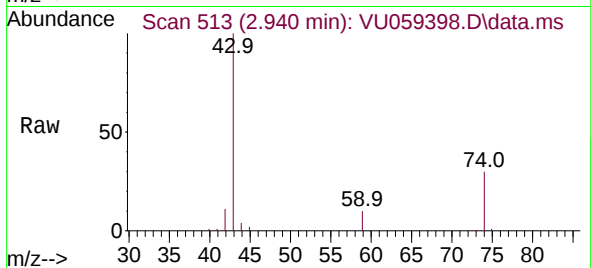
ClientSampleId :

Tgt Ion: 43 Resp: 88451

Ion Ratio Lower Upper

43 100

74 29.2 20.8 31.2



#16

Methylene chloride

Concen: 42.514 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.000 min

Lab File: VU059398.D

Acq: 21 Jun 2024 08:36

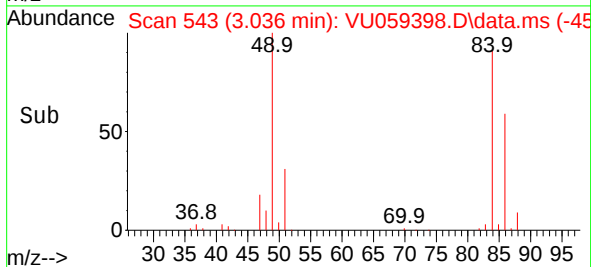
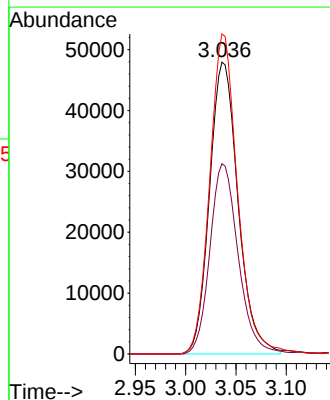
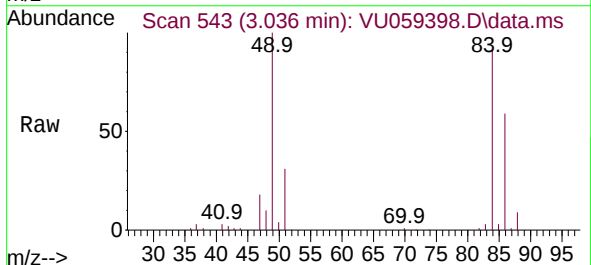
Tgt Ion: 84 Resp: 94689

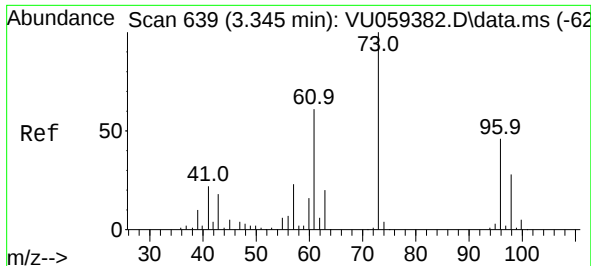
Ion Ratio Lower Upper

84 100

86 65.2 44.9 83.3

49 109.6 87.5 162.5





#17

trans-1,2-Dichloroethene

Concen: 46.225 ug/L

RT: 3.345 min Scan# 639

Delta R.T. 0.000 min

Lab File: VU059398.D

Acq: 21 Jun 2024 08:36

Instrument :

MSVOA_U

ClientSampleId :

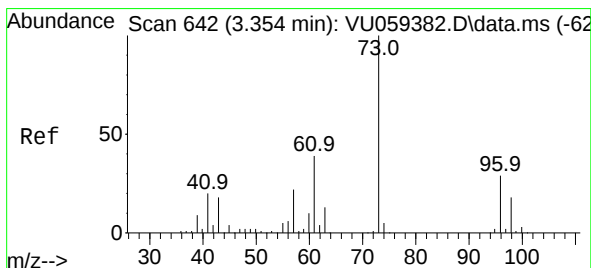
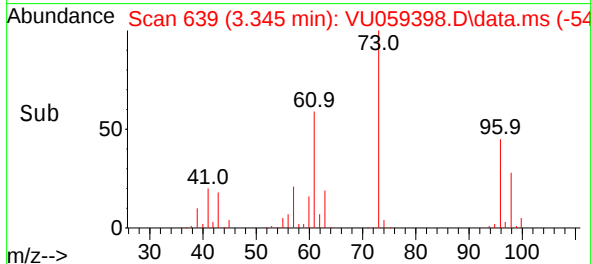
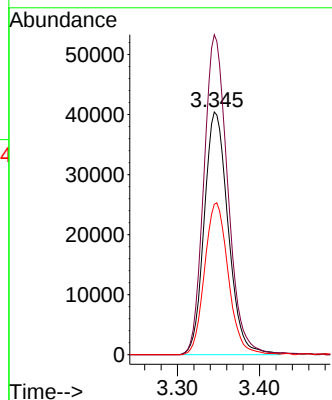
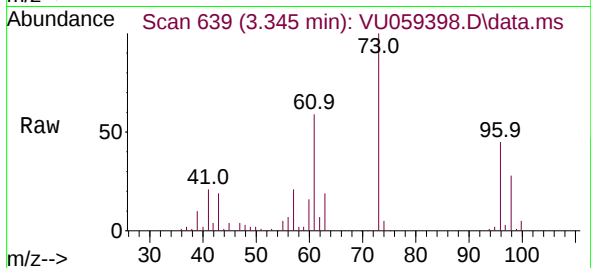
Tgt Ion: 96 Resp: 82125

Ion Ratio Lower Upper

96 100

61 131.8 103.5 192.3

98 61.9 42.4 78.6



#18

Methyl tert-butyl Ether

Concen: 42.604 ug/L

RT: 3.354 min Scan# 642

Delta R.T. 0.000 min

Lab File: VU059398.D

Acq: 21 Jun 2024 08:36

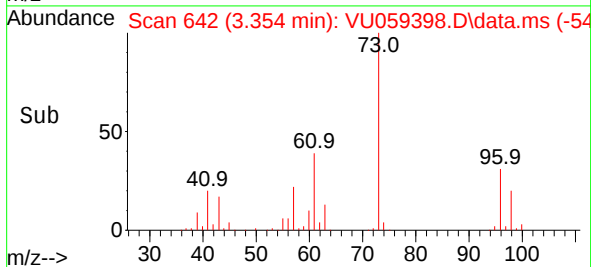
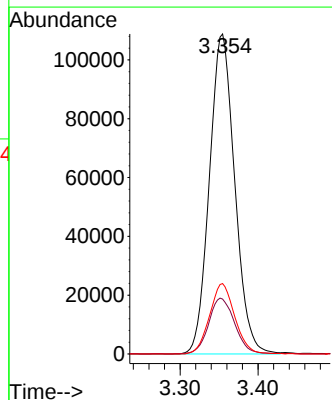
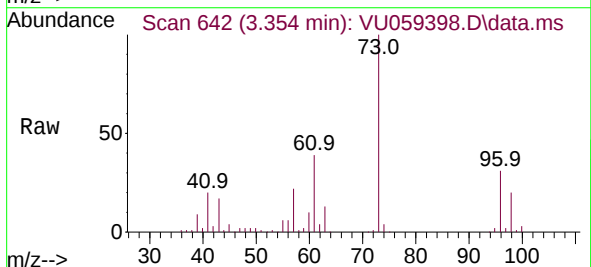
Tgt Ion: 73 Resp: 245870

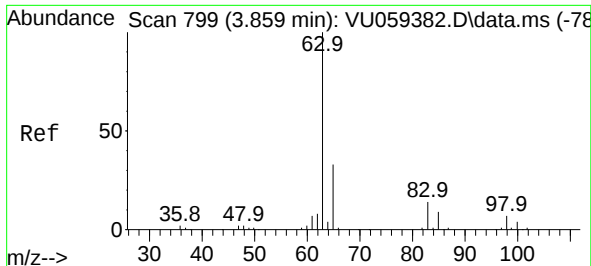
Ion Ratio Lower Upper

73 100

43 17.9 15.6 23.4

57 21.8 18.6 28.0

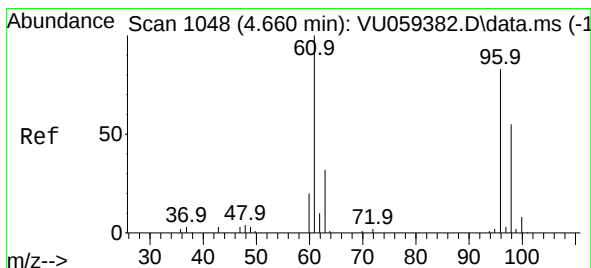
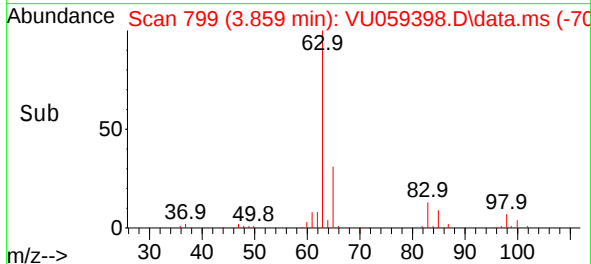
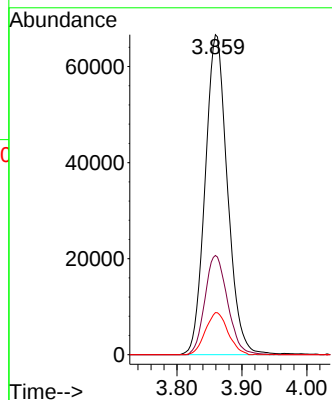
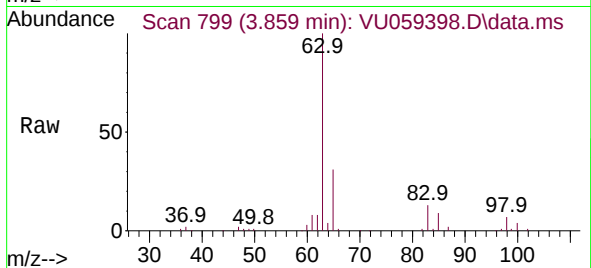




#19
1,1-Dichloroethane
Concen: 41.756 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU059398.D
Acq: 21 Jun 2024 08:36

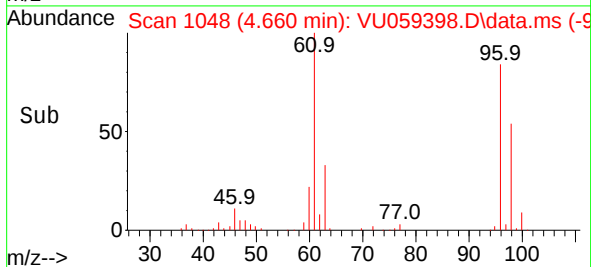
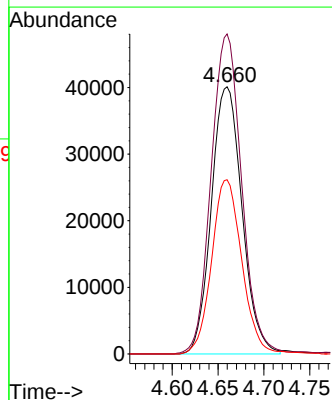
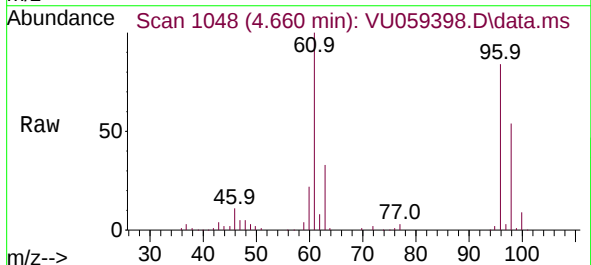
Instrument :
MSVOA_U
ClientSampleId :

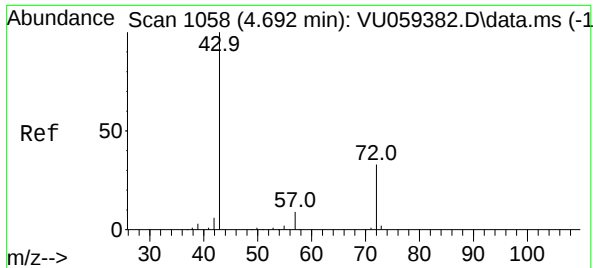
Tgt Ion: 63 Resp: 159015
Ion Ratio Lower Upper
63 100
65 31.0 21.3 39.5
83 13.1 8.8 16.3



#20
cis-1,2-Dichloroethene
Concen: 46.179 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU059398.D
Acq: 21 Jun 2024 08:36

Tgt Ion: 96 Resp: 93491
Ion Ratio Lower Upper
96 100
61 119.7 96.2 178.6
98 65.2 45.6 84.6

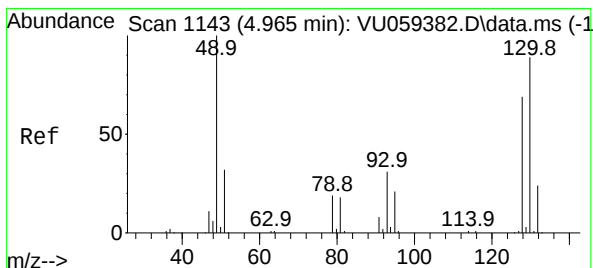
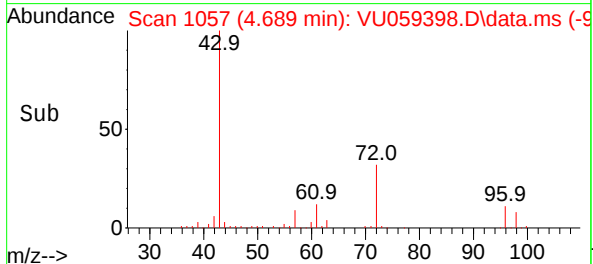
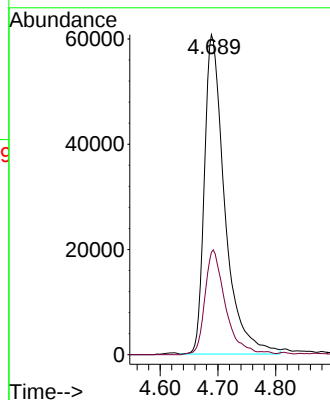
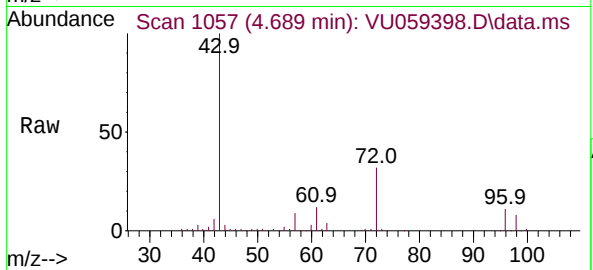




#22
2-Butanone
Concen: 79.523 ug/L
RT: 4.689 min Scan# 1057
Delta R.T. -0.003 min
Lab File: VU059398.D
Acq: 21 Jun 2024 08:36

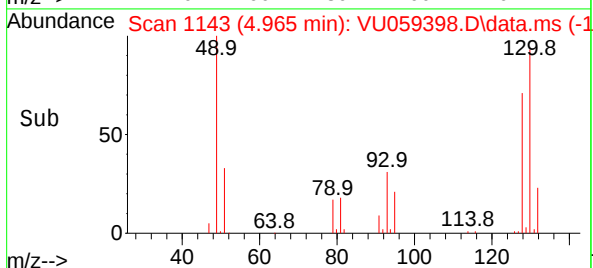
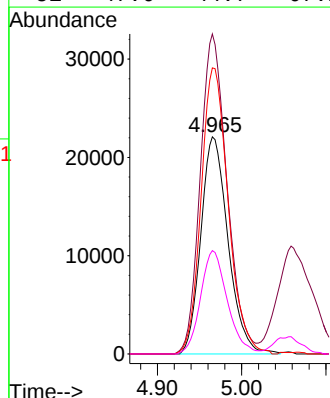
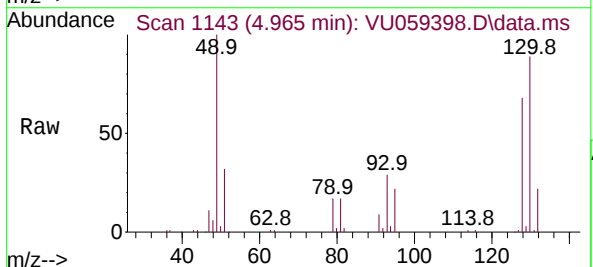
Instrument :
MSVOA_U
ClientSampleId :

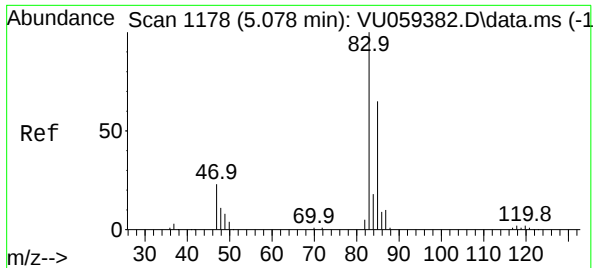
Tgt Ion: 43 Resp: 148778
Ion Ratio Lower Upper
43 100
72 32.7 14.2 42.8



#23
Bromochloromethane
Concen: 48.414 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VU059398.D
Acq: 21 Jun 2024 08:36

Tgt Ion:128 Resp: 49649
Ion Ratio Lower Upper
128 100
49 147.4 128.4 238.4
130 131.8 86.9 161.3
51 47.6 44.7 67.1

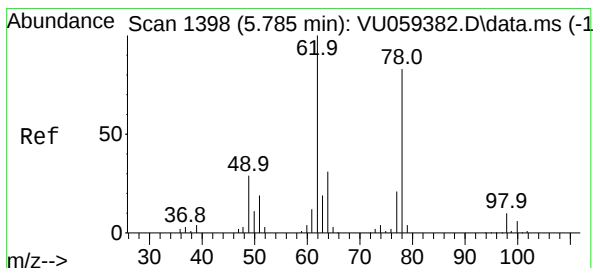
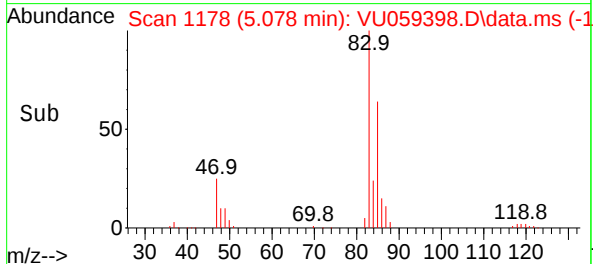
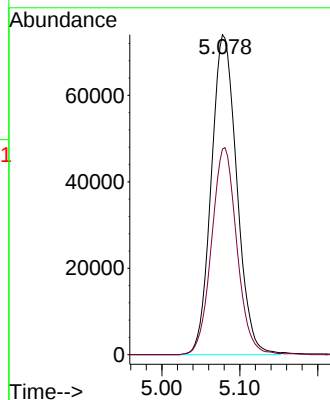
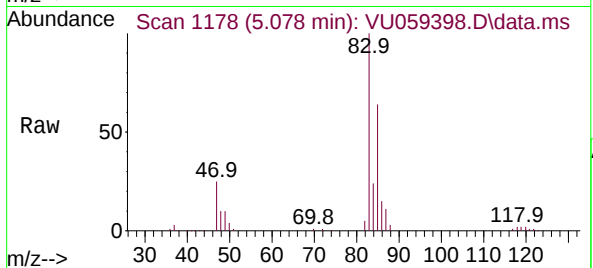




#25
Chloroform
Concen: 45.683 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU059398.D
Acq: 21 Jun 2024 08:36

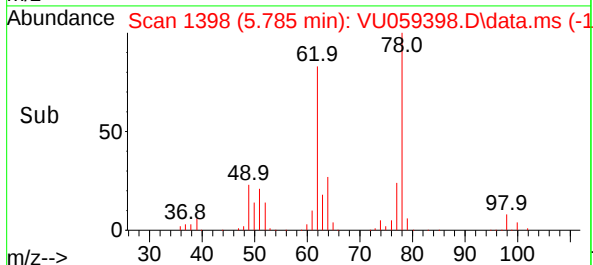
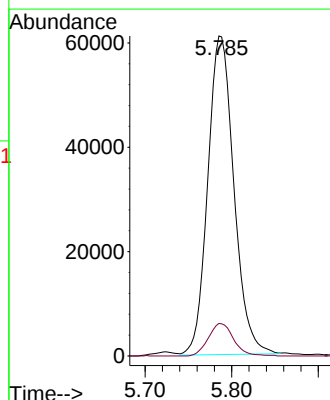
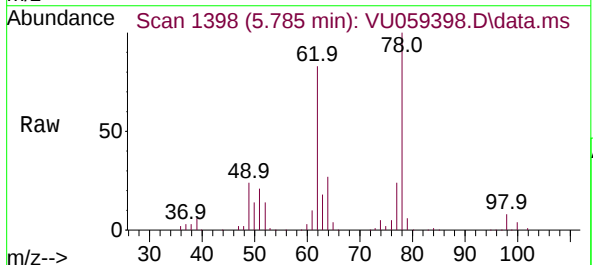
Instrument :
MSVOA_U
ClientSampleId :

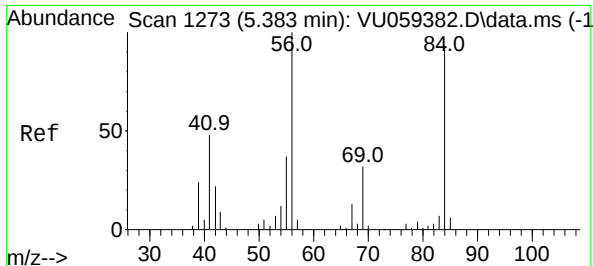
Tgt Ion: 83 Resp: 168453
Ion Ratio Lower Upper
83 100
85 64.2 46.1 85.7



#27
1,2-Dichloroethane
Concen: 41.132 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VU059398.D
Acq: 21 Jun 2024 08:36

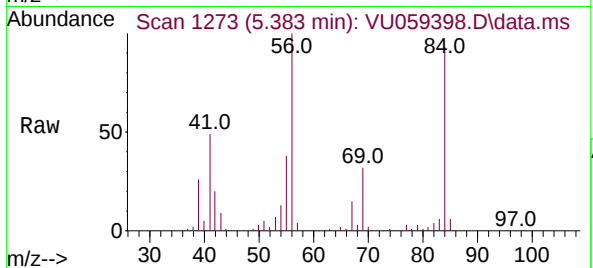
Tgt Ion: 62 Resp: 128127
Ion Ratio Lower Upper
62 100
98 10.1 6.9 10.3



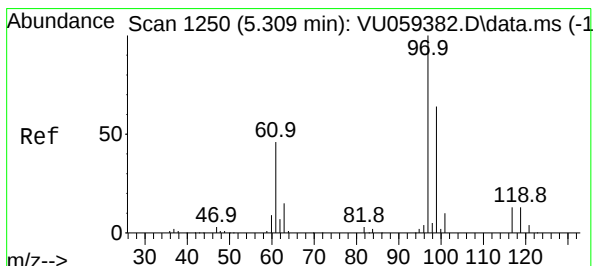
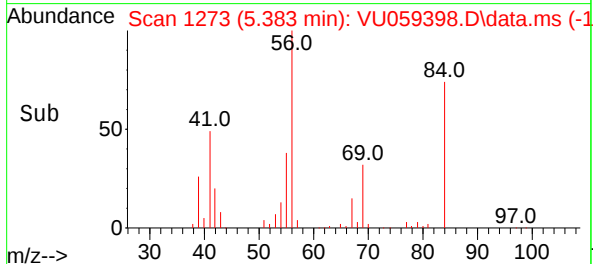
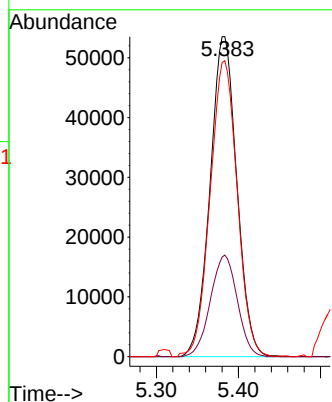


#29
Cyclohexane
Concen: 39.099 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VU059398.D
Acq: 21 Jun 2024 08:36

Instrument :
MSVOA_U
ClientSampleId :

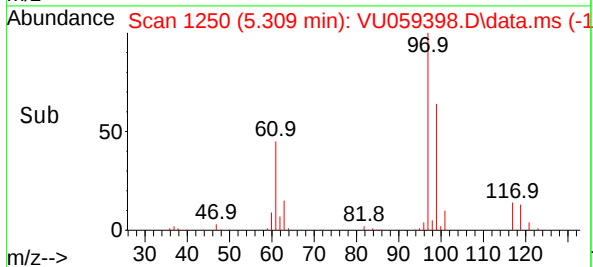
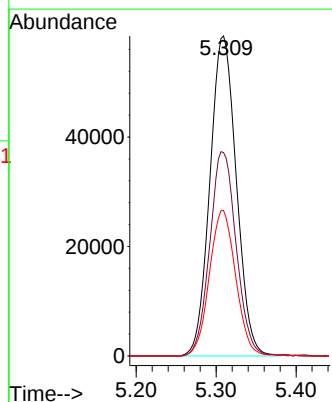
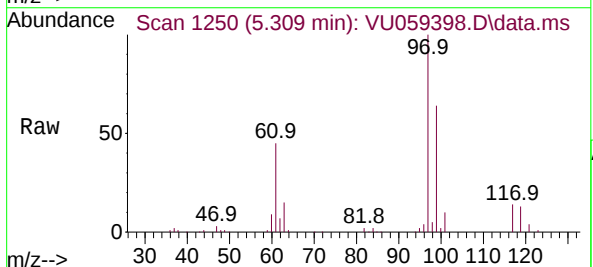


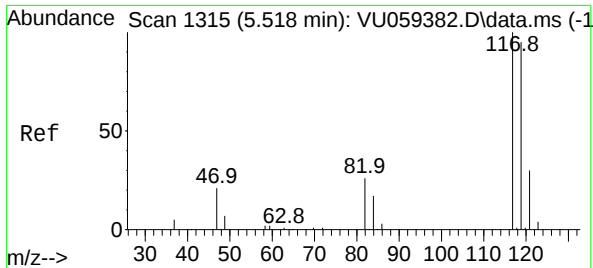
Tgt Ion: 56 Resp: 121261
Ion Ratio Lower Upper
56 100
69 31.9 24.6 37.0
84 93.5 67.4 101.0



#30
1,1,1-Trichloroethane
Concen: 44.414 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU059398.D
Acq: 21 Jun 2024 08:36

Tgt Ion: 97 Resp: 134151
Ion Ratio Lower Upper
97 100
99 63.9 51.6 77.4
61 45.2 39.1 58.7

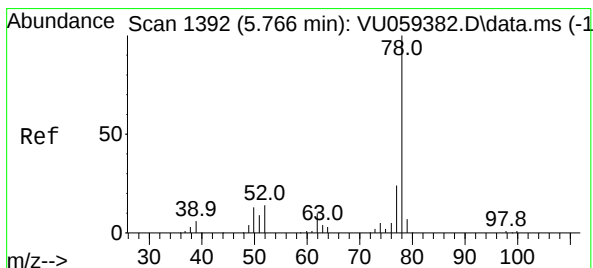
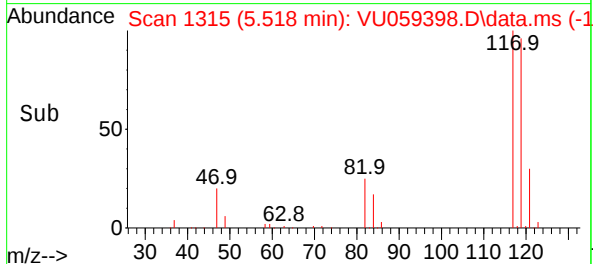
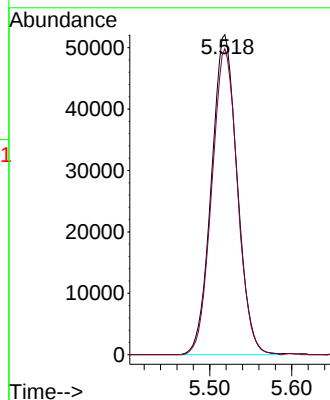
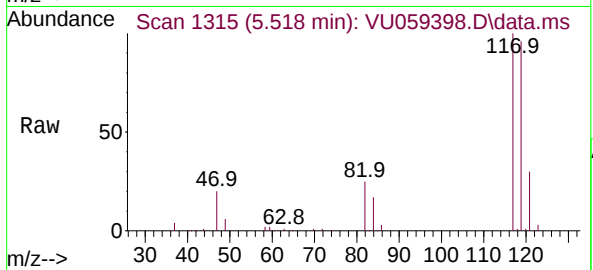




#31
Carbon tetrachloride
Concen: 46.429 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU059398.D
Acq: 21 Jun 2024 08:36

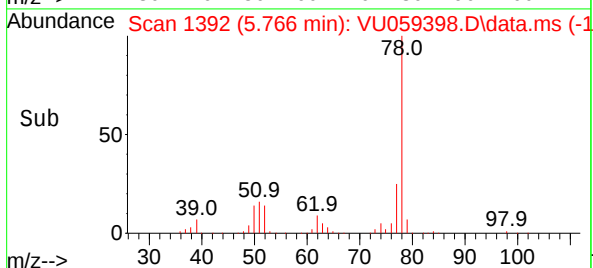
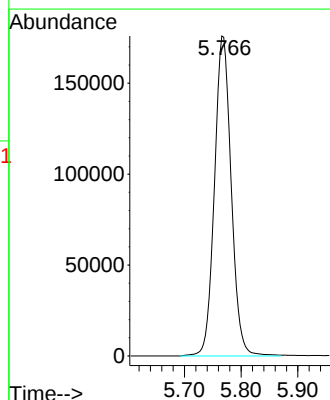
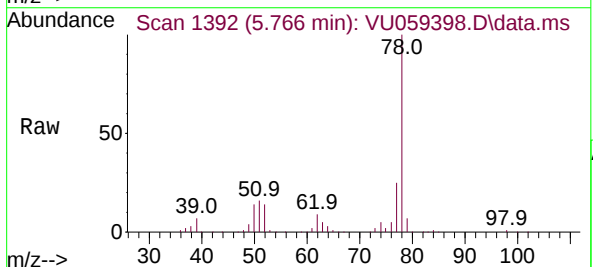
Instrument :
MSVOA_U
ClientSampleId :

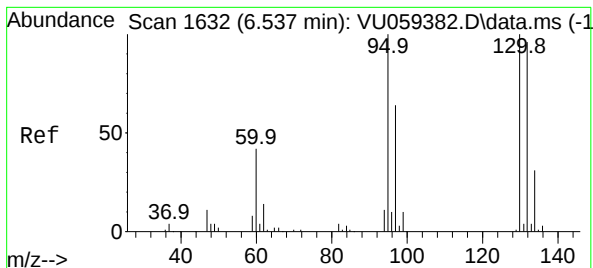
Tgt Ion:117 Resp: 113910
Ion Ratio Lower Upper
117 100
119 95.2 76.9 115.3



#33
Benzene
Concen: 43.119 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU059398.D
Acq: 21 Jun 2024 08:36

Tgt Ion: 78 Resp: 361698





#34

Trichloroethene

Concen: 48.283 ug/L

RT: 6.538 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU059398.D

Acq: 21 Jun 2024 08:36

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 99172

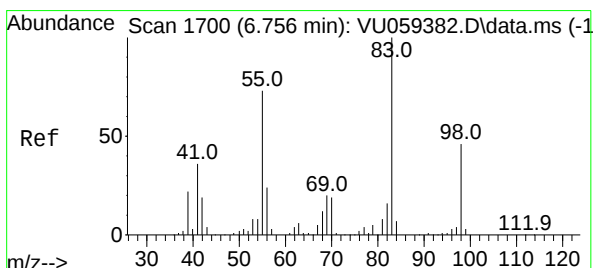
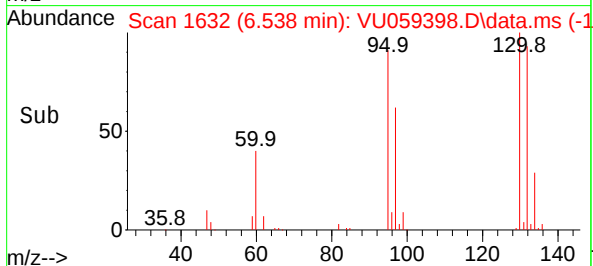
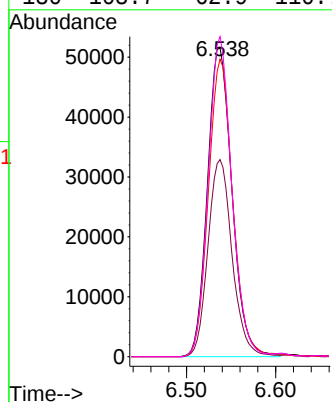
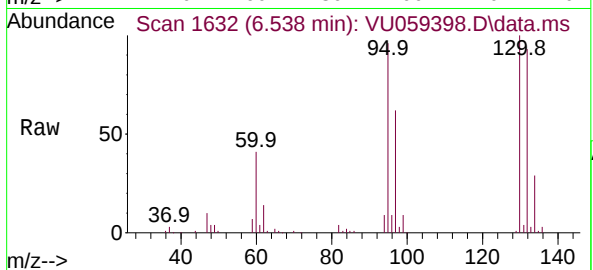
Ion Ratio Lower Upper

95 100

97 63.9 45.2 84.0

132 96.3 60.6 112.6

130 103.7 62.9 116.7



#35

Methylcyclohexane

Concen: 46.157 ug/L

RT: 6.759 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VU059398.D

Acq: 21 Jun 2024 08:36

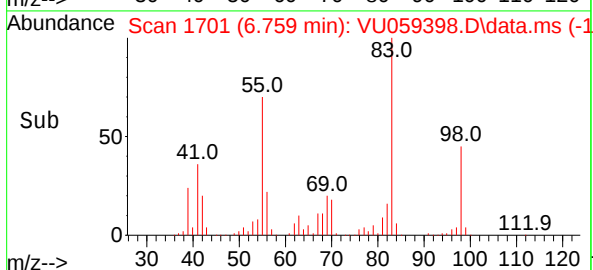
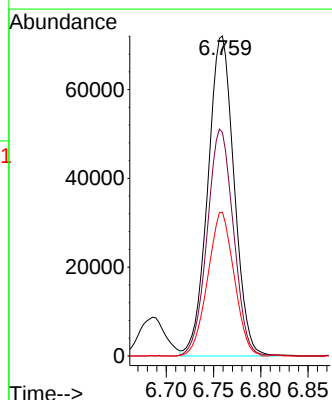
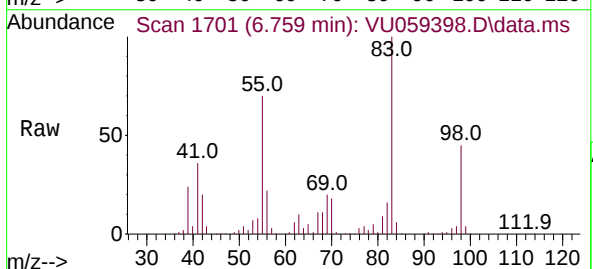
Tgt Ion: 83 Resp: 139395

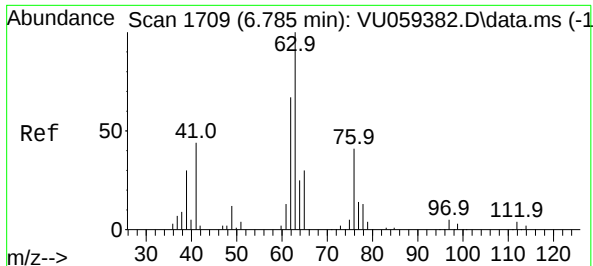
Ion Ratio Lower Upper

83 100

55 70.9 63.9 95.9

98 45.2 34.7 52.1

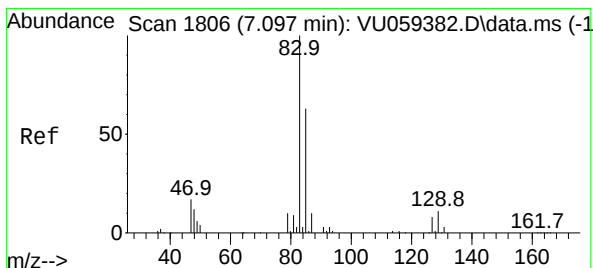
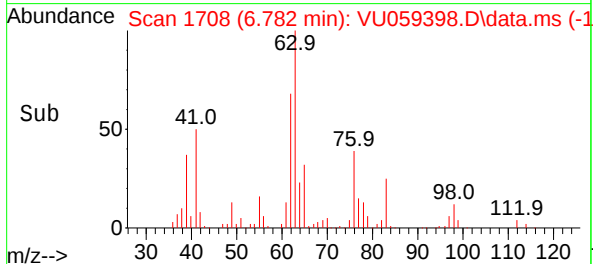
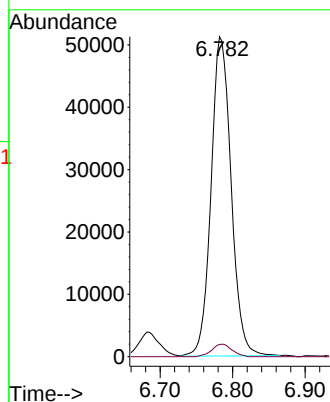
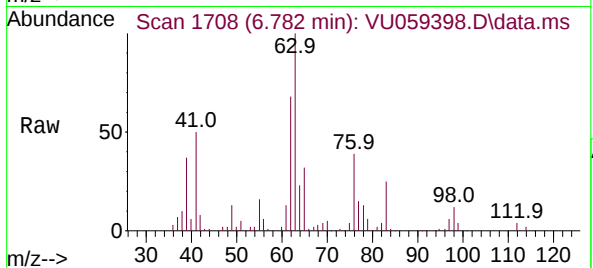




#37
1,2-Dichloropropane
Concen: 41.353 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU059398.D
Acq: 21 Jun 2024 08:36

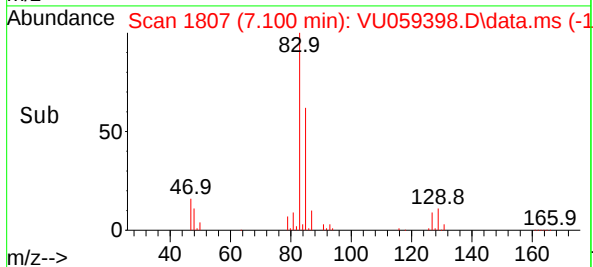
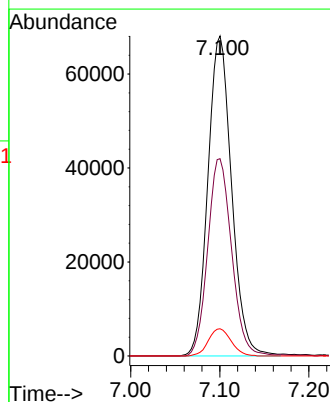
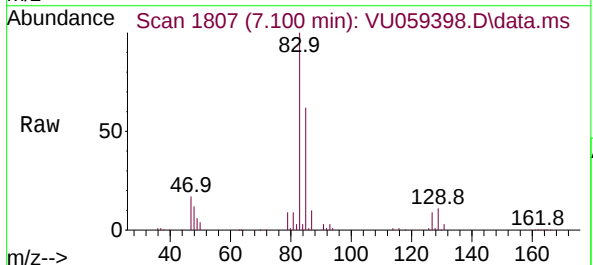
Instrument :
MSVOA_U
ClientSampleId :

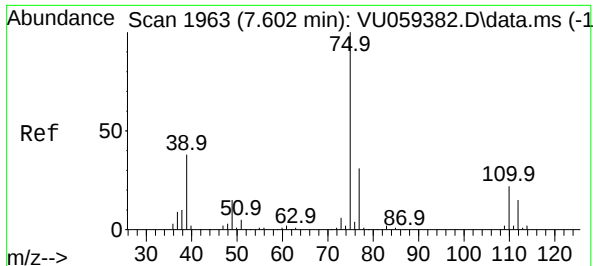
Tgt Ion: 63 Resp: 98502
Ion Ratio Lower Upper
63 100
112 3.9 2.6 4.0



#38
Bromodichloromethane
Concen: 45.354 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU059398.D
Acq: 21 Jun 2024 08:36

Tgt Ion: 83 Resp: 125841
Ion Ratio Lower Upper
83 100
85 61.7 44.0 81.6
127 8.5 7.0 10.6

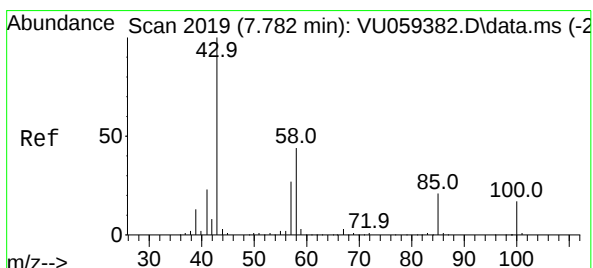
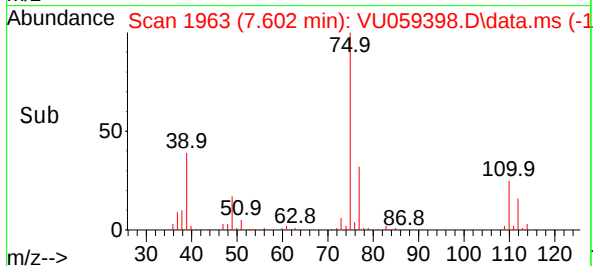
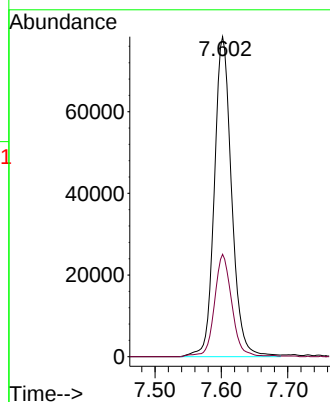
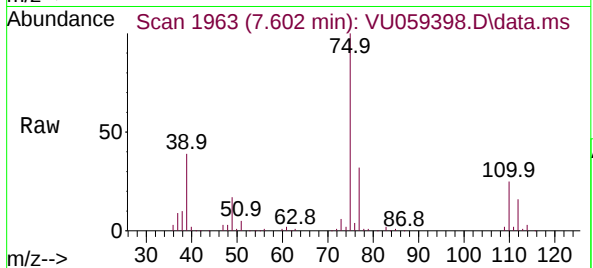




#39
 cis-1,3-Dichloropropene
 Concen: 43.135 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU059398.D
 Acq: 21 Jun 2024 08:36

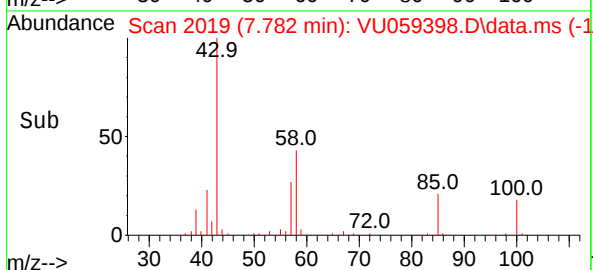
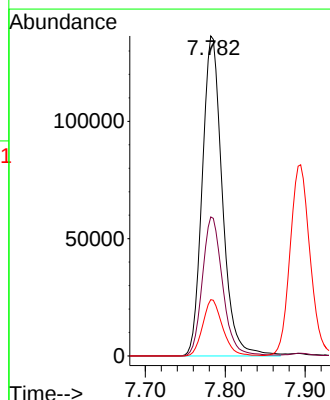
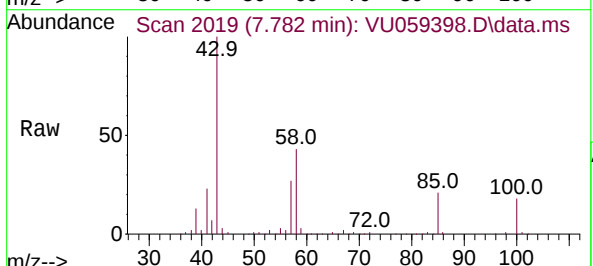
Instrument :
 MSVOA_U
 ClientSampleId :

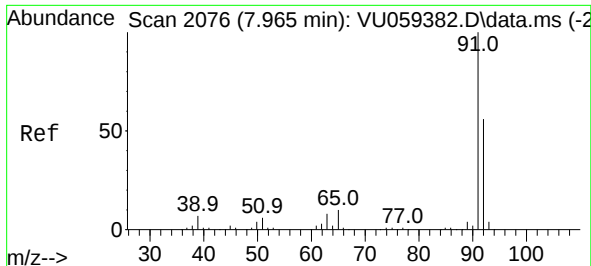
Tgt Ion: 75 Resp: 142159
 Ion Ratio Lower Upper
 75 100
 77 32.0 21.2 39.4



#40
 4-Methyl-2-pentanone
 Concen: 76.361 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VU059398.D
 Acq: 21 Jun 2024 08:36

Tgt Ion: 43 Resp: 238459
 Ion Ratio Lower Upper
 43 100
 58 44.0 33.7 50.5
 100 17.4 11.4 17.0#





#42

Toluene

Concen: 46.750 ug/L

RT: 7.962 min Scan# 2076

Delta R.T. -0.003 min

Lab File: VU059398.D

Acq: 21 Jun 2024 08:36

Instrument :

MSVOA_U

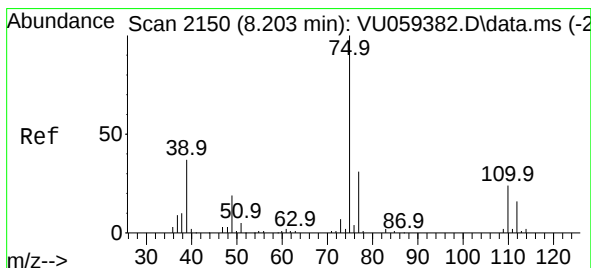
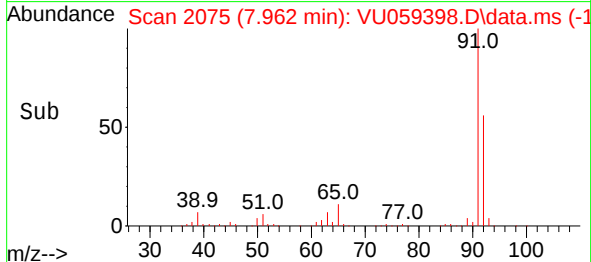
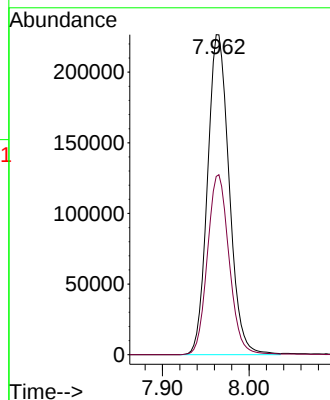
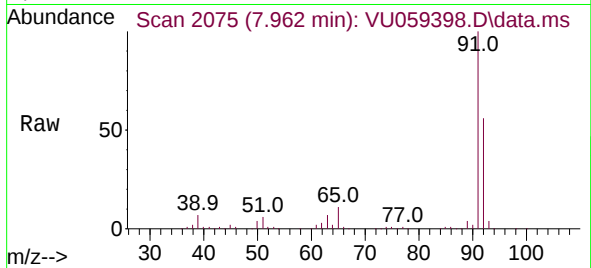
ClientSampleId :

Tgt Ion: 91 Resp: 393640

Ion Ratio Lower Upper

91 100

92 55.7 39.4 73.2



#44

trans-1,3-Dichloropropene

Concen: 44.285 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU059398.D

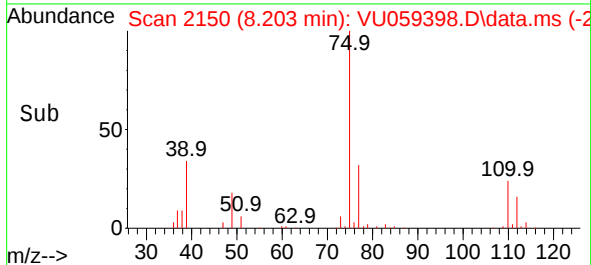
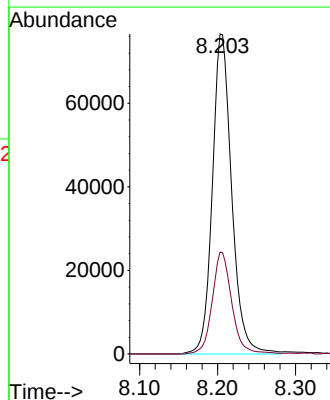
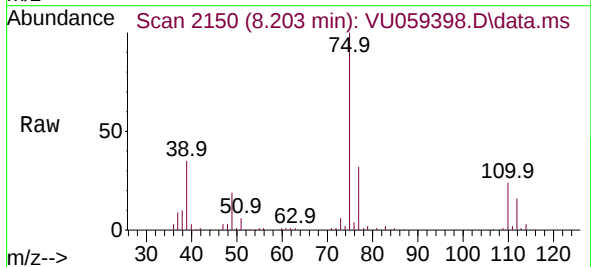
Acq: 21 Jun 2024 08:36

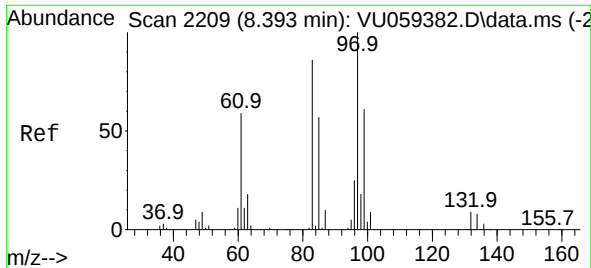
Tgt Ion: 75 Resp: 132130

Ion Ratio Lower Upper

75 100

77 31.8 22.0 40.8



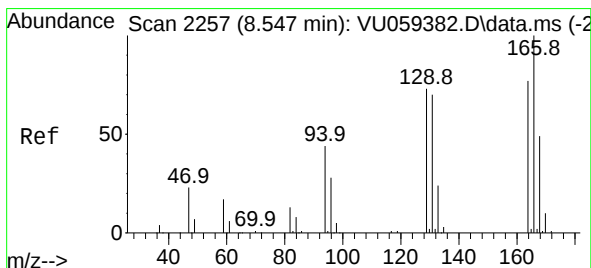
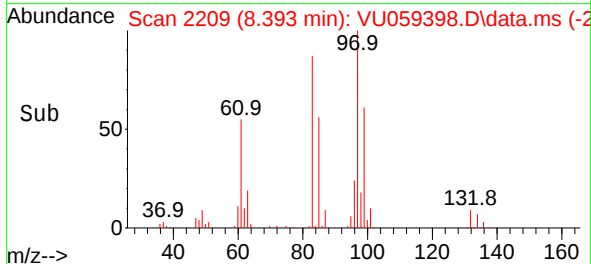
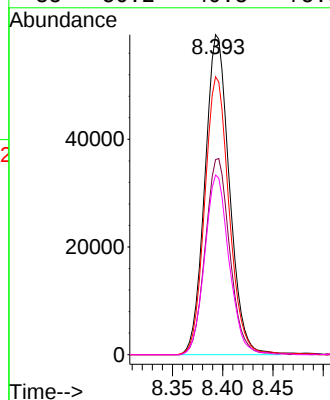
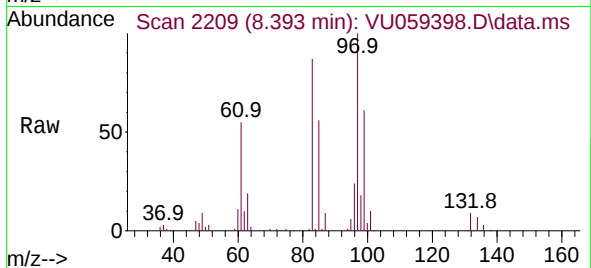


#45
1,1,2-Trichloroethane
Concen: 47.156 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU059398.D
Acq: 21 Jun 2024 08:36

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 100992

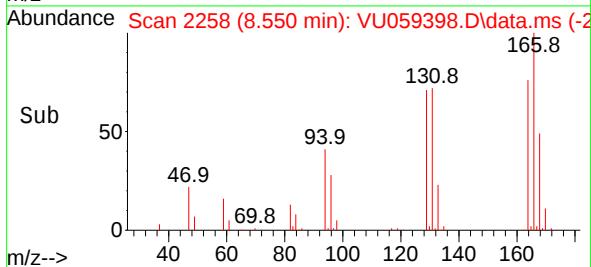
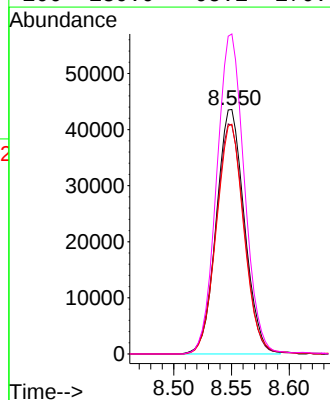
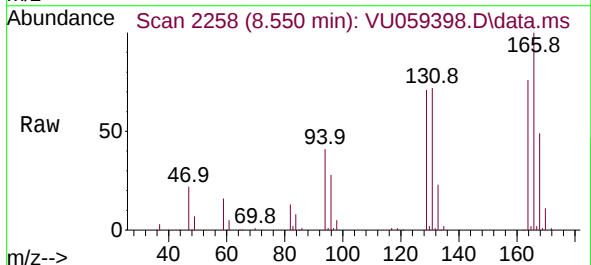
Ion	Ratio	Lower	Upper
97	100		
99	61.0	44.0	81.6
83	86.9	63.6	118.2
85	56.2	40.8	75.8

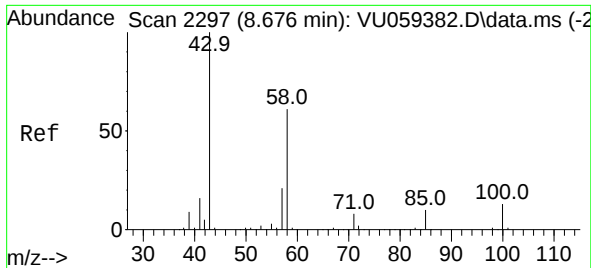


#46
Tetrachloroethene
Concen: 53.727 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU059398.D
Acq: 21 Jun 2024 08:36

Tgt Ion: 164 Resp: 73506

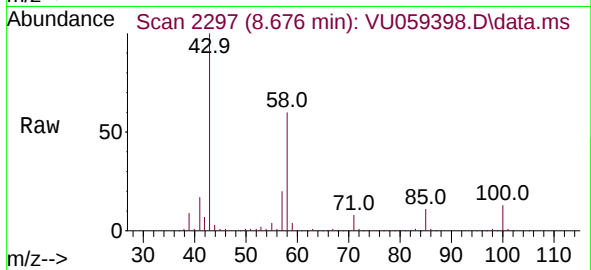
Ion	Ratio	Lower	Upper
164	100		
129	93.6	74.5	138.5
131	94.0	70.6	131.0
166	130.9	95.1	176.7



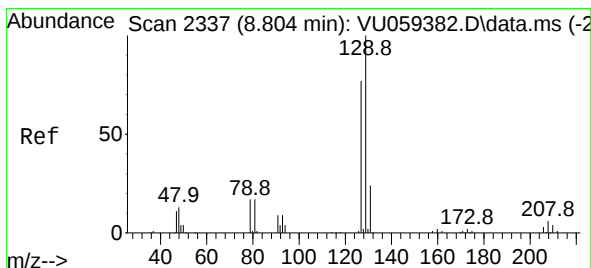
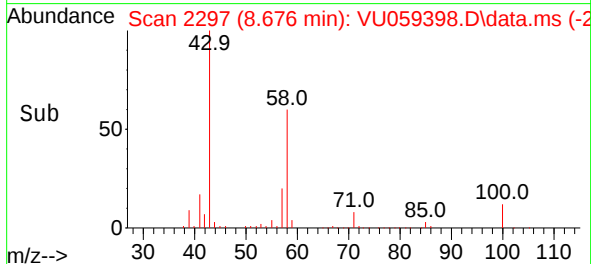
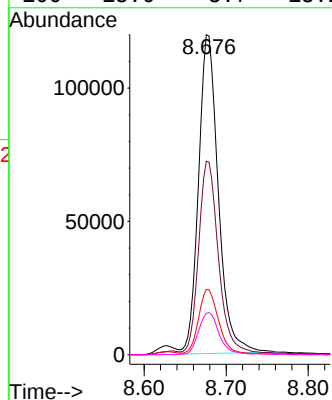


#48
2-Hexanone
Concen: 76.338 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VU059398.D
Acq: 21 Jun 2024 08:36

Instrument :
MSVOA_U
ClientSampleId :

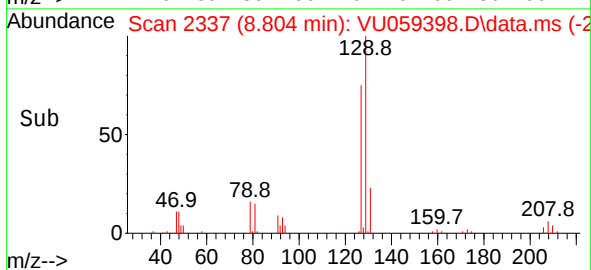
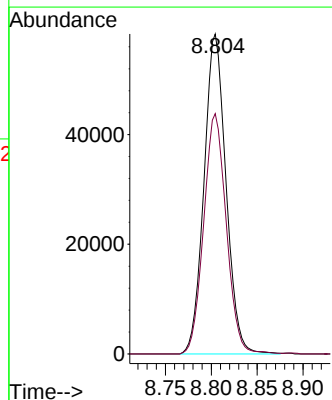
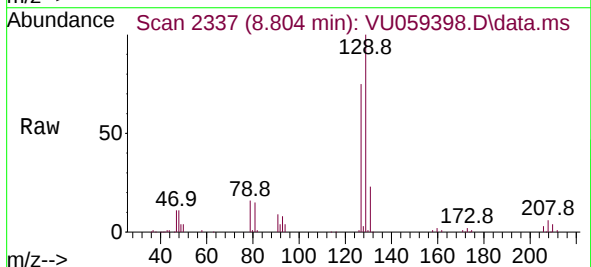


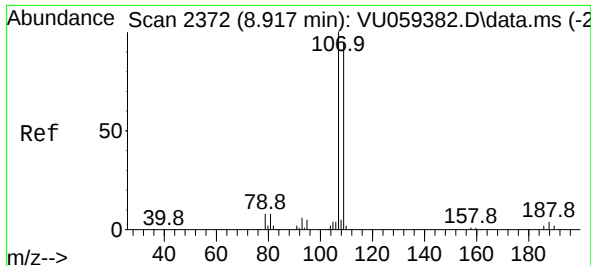
Tgt Ion: 43 Resp: 201052
Ion Ratio Lower Upper
43 100
58 59.9 45.9 68.9
57 20.4 16.3 24.5
100 13.6 8.7 13.1#



#49
Dibromochloromethane
Concen: 50.390 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU059398.D
Acq: 21 Jun 2024 08:36

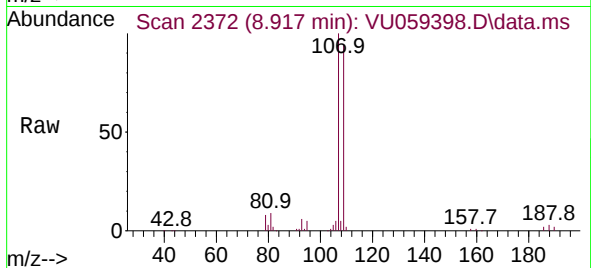
Tgt Ion: 129 Resp: 97528
Ion Ratio Lower Upper
129 100
127 75.1 53.3 98.9



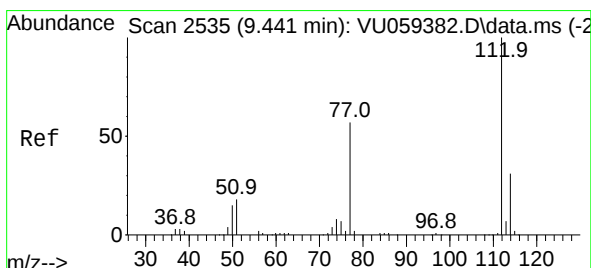
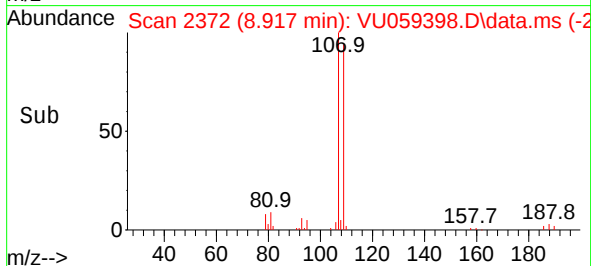
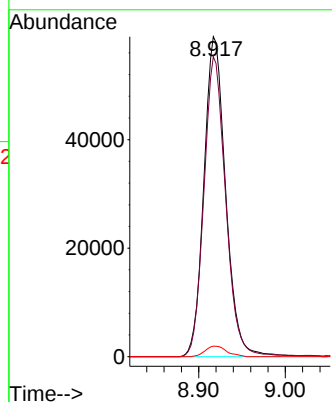


#50
1,2-Dibromoethane
Concen: 46.550 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU059398.D
Acq: 21 Jun 2024 08:36

Instrument :
MSVOA_U
ClientSampleId :

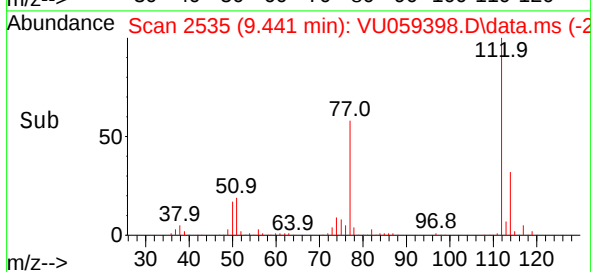
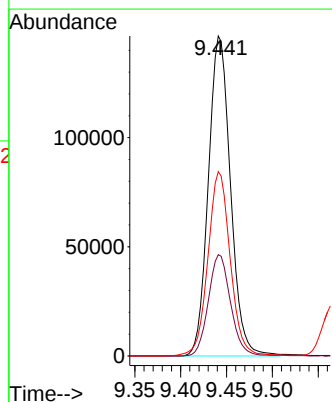
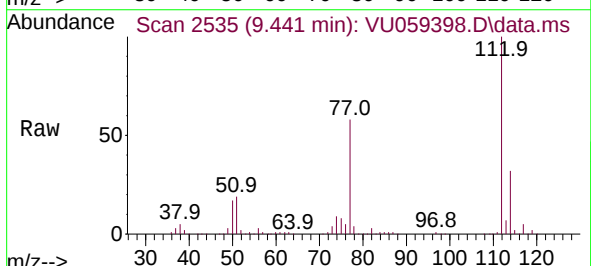


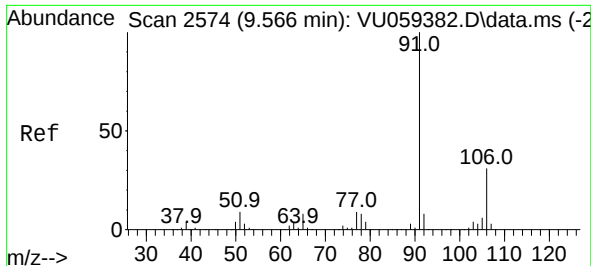
Tgt Ion:107 Resp: 102838
Ion Ratio Lower Upper
107 100
109 93.7 67.8 125.8
188 3.3 2.5 3.7



#51
Chlorobenzene
Concen: 48.509 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU059398.D
Acq: 21 Jun 2024 08:36

Tgt Ion:112 Resp: 246524
Ion Ratio Lower Upper
112 100
114 31.6 22.1 41.1
77 57.6 49.8 74.6

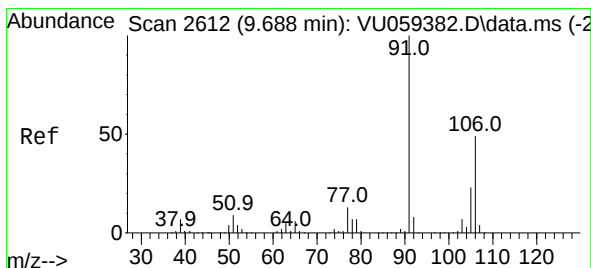
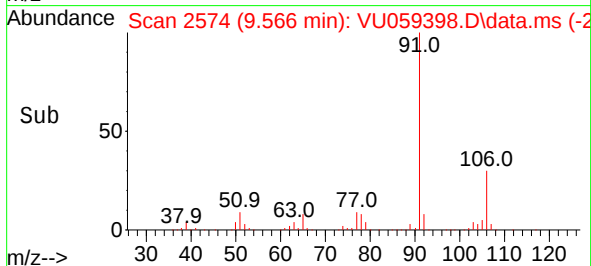
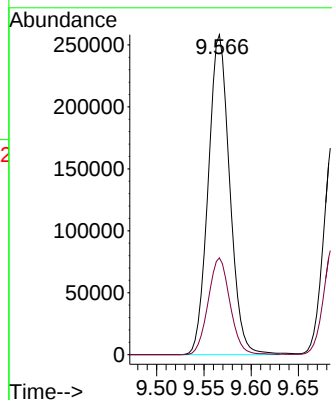
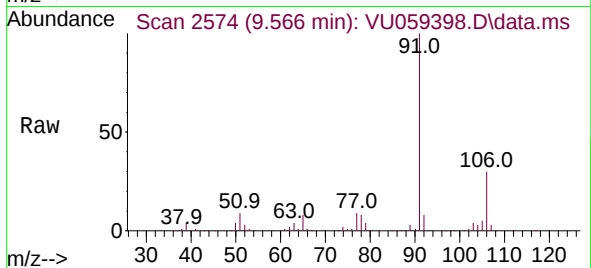




#52
Ethylbenzene
Concen: 46.987 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU059398.D
Acq: 21 Jun 2024 08:36

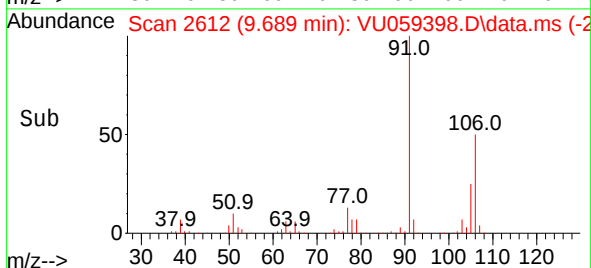
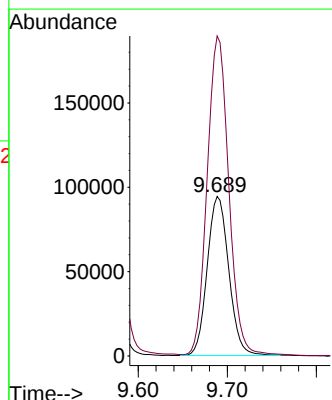
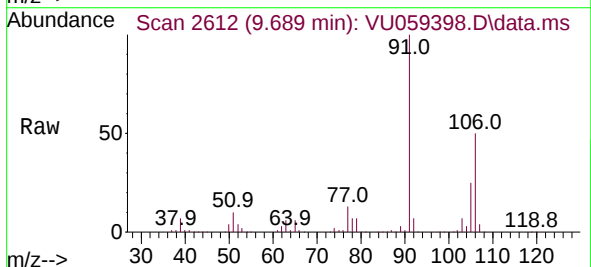
Instrument :
MSVOA_U
ClientSampleId :

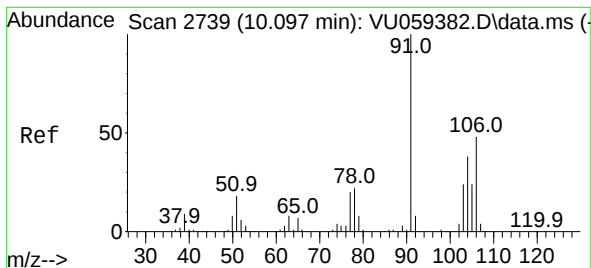
Tgt Ion: 91 Resp: 407883
Ion Ratio Lower Upper
91 100
106 30.3 21.0 39.0



#53
m,p-Xylene
Concen: 49.684 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU059398.D
Acq: 21 Jun 2024 08:36

Tgt Ion:106 Resp: 158510
Ion Ratio Lower Upper
106 100
91 200.7 146.4 272.0

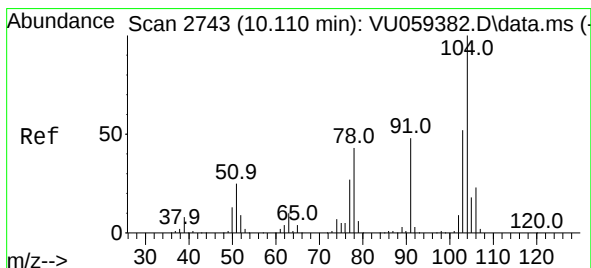
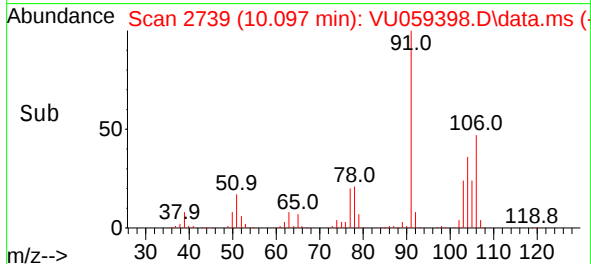
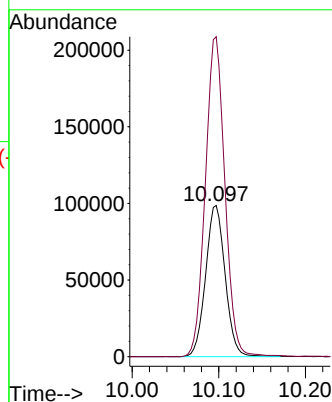
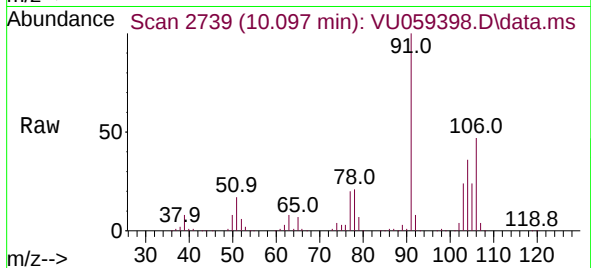




#54
o-Xylene
Concen: 50.006 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.000 min
Lab File: VU059398.D
Acq: 21 Jun 2024 08:36

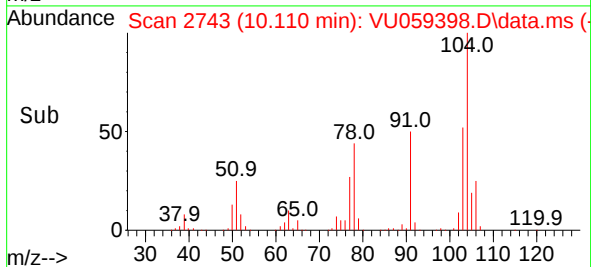
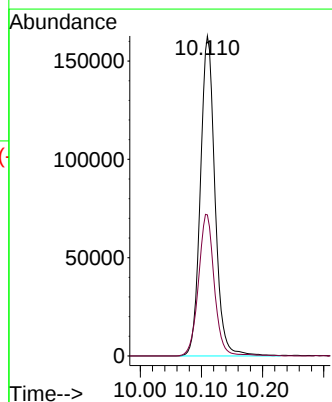
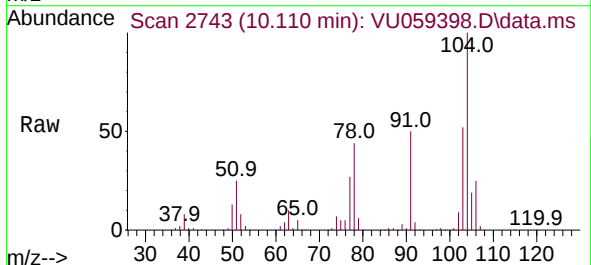
Instrument :
MSVOA_U
ClientSampleId :

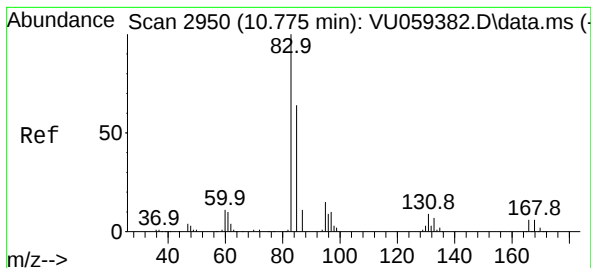
Tgt Ion:106 Resp: 154614
Ion Ratio Lower Upper
106 100
91 211.7 156.7 290.9



#55
Styrene
Concen: 51.357 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU059398.D
Acq: 21 Jun 2024 08:36

Tgt Ion:104 Resp: 269913
Ion Ratio Lower Upper
104 100
78 44.1 34.7 64.5





#57

1,1,2,2-Tetrachloroethane

Concen: 41.564 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU059398.D

Acq: 21 Jun 2024 08:36

Instrument :

MSVOA_U

ClientSampleId :

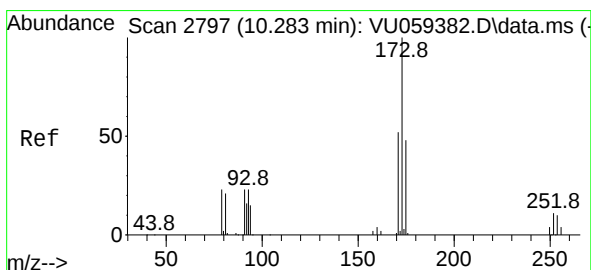
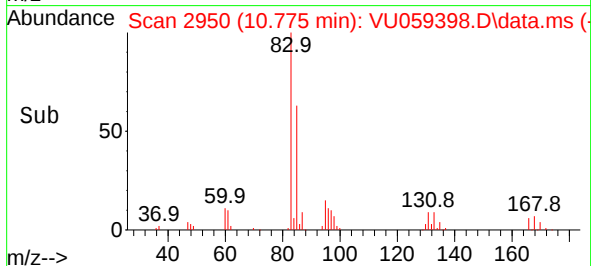
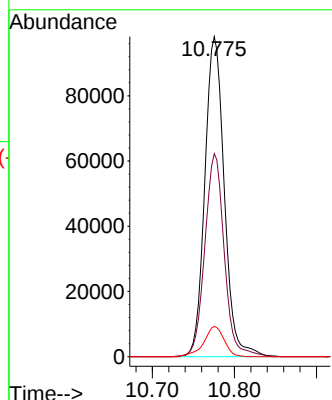
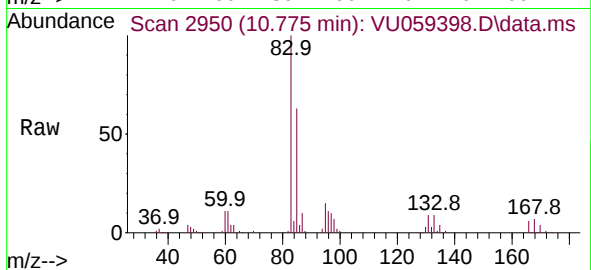
Tgt Ion: 83 Resp: 162156

Ion Ratio Lower Upper

83 100

85 63.4 46.1 85.7

131 9.5 7.0 10.4



#59

Bromoform

Concen: 50.284 ug/L

RT: 10.287 min Scan# 2798

Delta R.T. 0.003 min

Lab File: VU059398.D

Acq: 21 Jun 2024 08:36

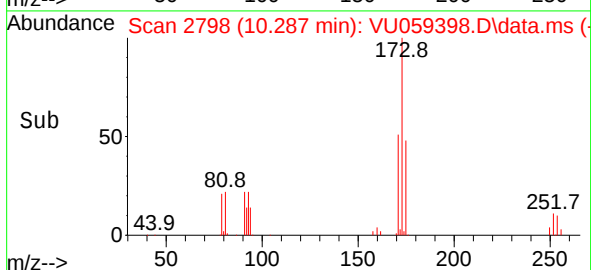
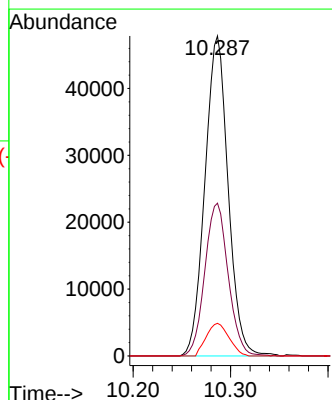
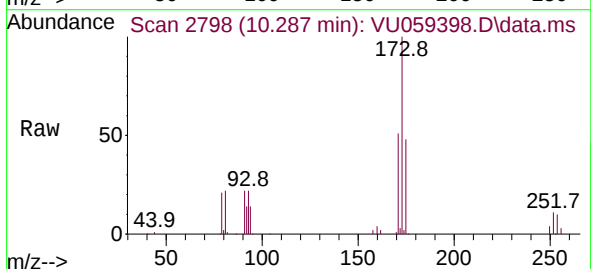
Tgt Ion:173 Resp: 79158

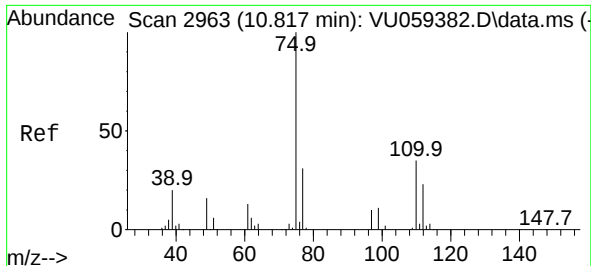
Ion Ratio Lower Upper

173 100

175 48.1 39.0 58.6

254 10.0 7.5 11.3





#60

1,2,3-Trichloropropane

Concen: 38.686 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU059398.D

Acq: 21 Jun 2024 08:36

Instrument :

MSVOA_U

ClientSampleId :

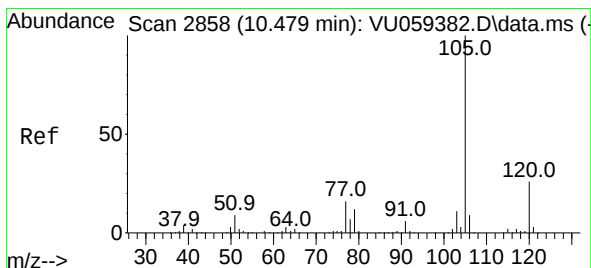
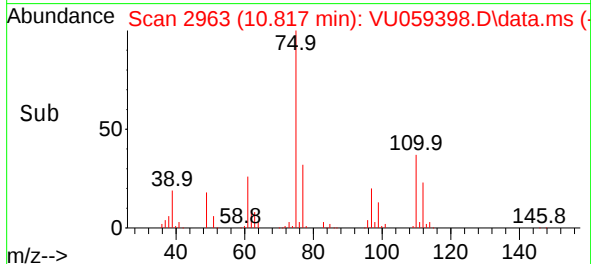
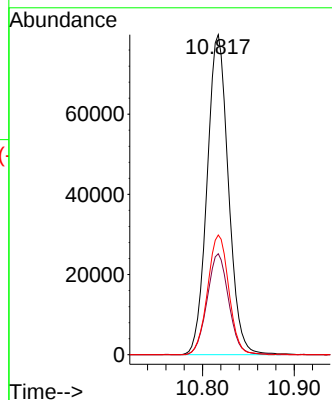
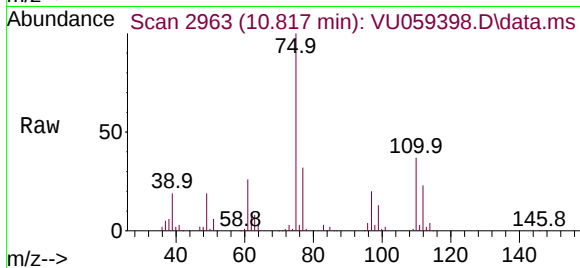
Tgt Ion: 75 Resp: 129165

Ion Ratio Lower Upper

75 100

77 31.8 26.2 39.2

110 37.3 28.4 42.6



#61

Isopropylbenzene

Concen: 47.472 ug/L

RT: 10.480 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU059398.D

Acq: 21 Jun 2024 08:36

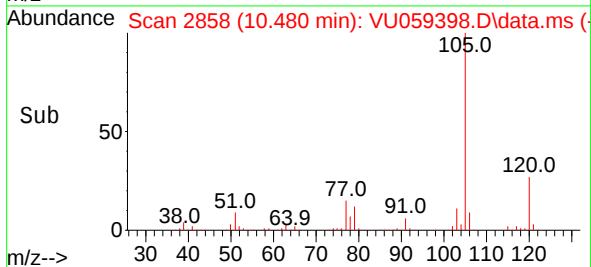
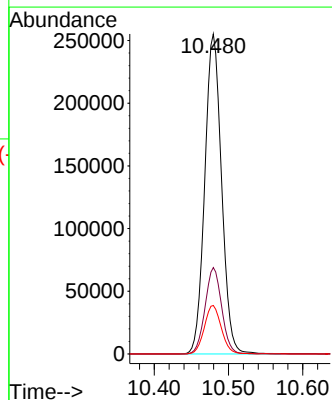
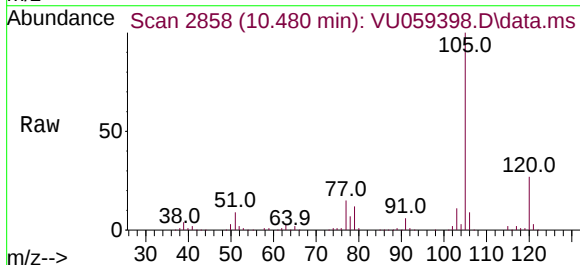
Tgt Ion:105 Resp: 400986

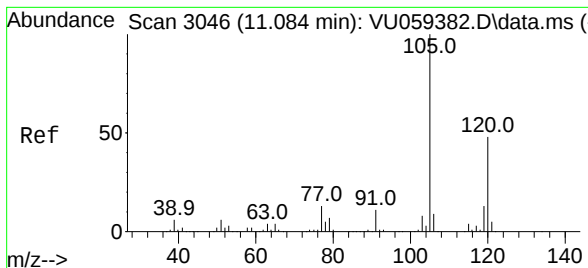
Ion Ratio Lower Upper

105 100

120 26.7 20.3 30.5

77 15.3 13.4 20.0





#62

1,3,5-Trimethylbenzene

Concen: 47.353 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU059398.D

Acq: 21 Jun 2024 08:36

Instrument :

MSVOA_U

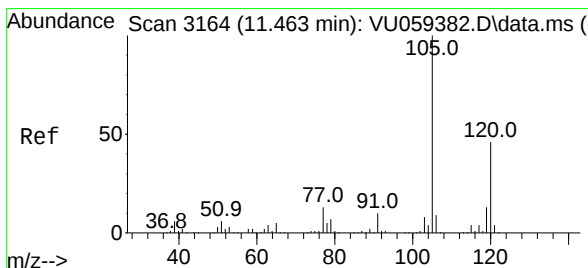
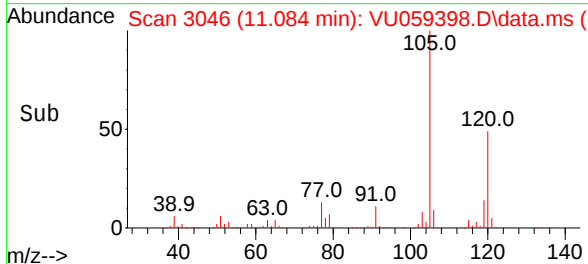
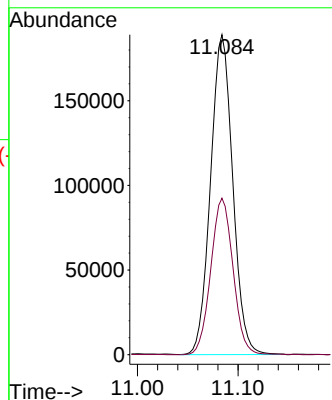
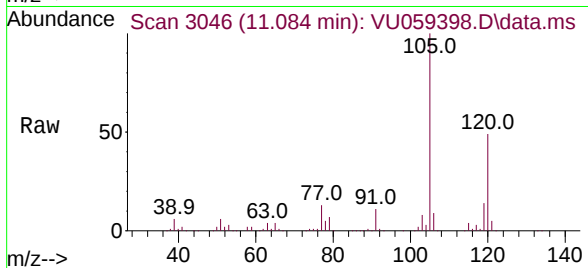
ClientSampleId :

Tgt Ion:105 Resp: 289801

Ion Ratio Lower Upper

105 100

120 49.1 37.8 56.8



#63

1,2,4-Trimethylbenzene

Concen: 47.644 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU059398.D

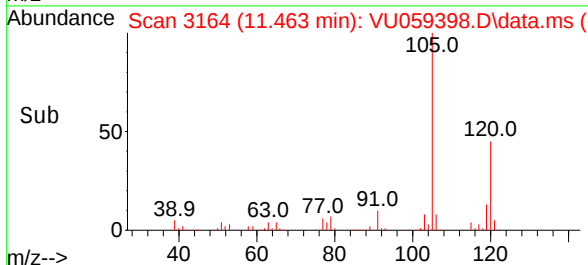
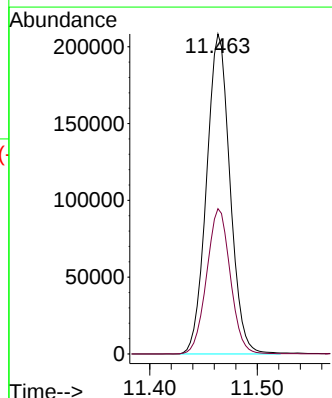
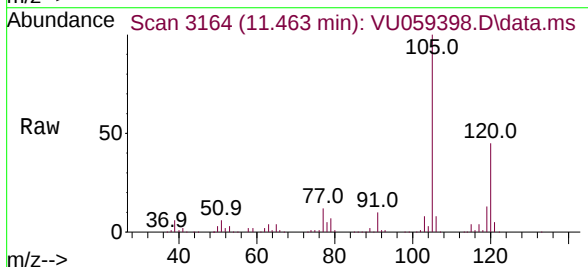
Acq: 21 Jun 2024 08:36

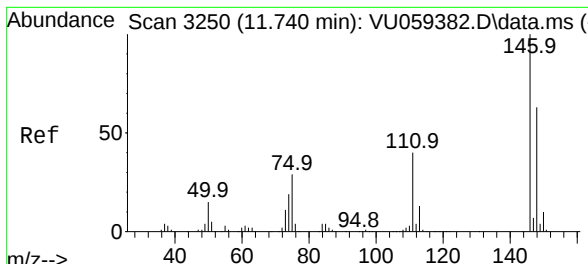
Tgt Ion:105 Resp: 316084

Ion Ratio Lower Upper

105 100

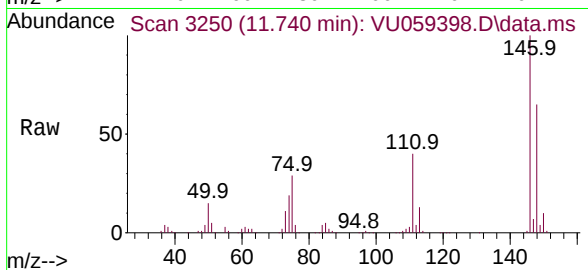
120 45.7 35.0 52.6



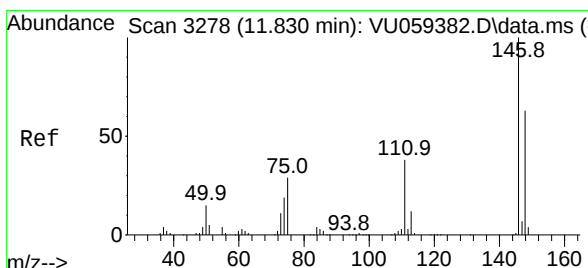
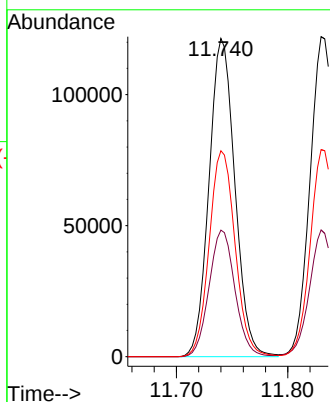
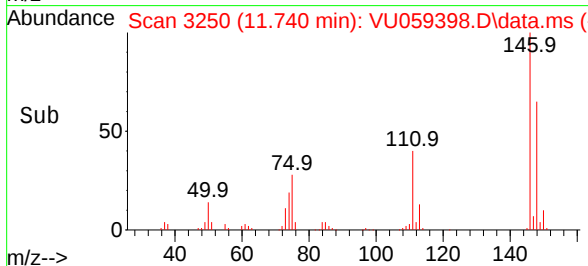


#64
1,3-Dichlorobenzene
Concen: 49.673 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU059398.D
Acq: 21 Jun 2024 08:36

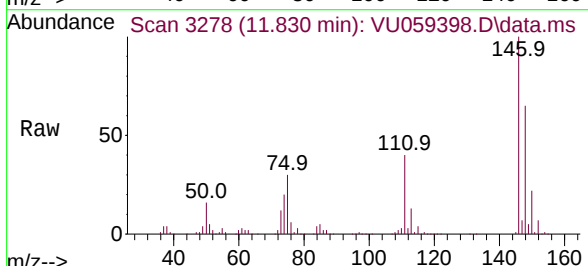
Instrument :
MSVOA_U
ClientSampleId :



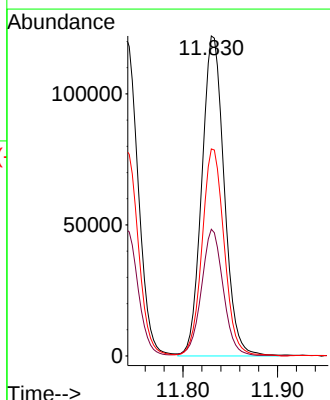
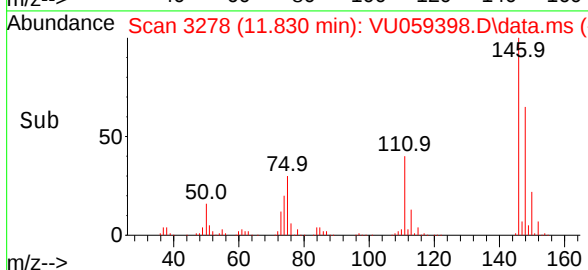
Tgt Ion:146 Resp: 196102
Ion Ratio Lower Upper
146 100
111 39.8 28.7 53.3
148 64.7 44.9 83.5

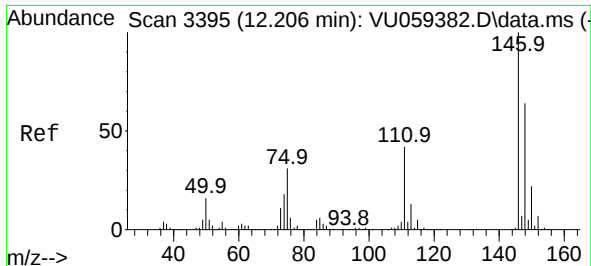


#65
1,4-Dichlorobenzene
Concen: 49.314 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU059398.D
Acq: 21 Jun 2024 08:36



Tgt Ion:146 Resp: 201059
Ion Ratio Lower Upper
146 100
111 39.6 27.9 51.9
148 64.7 45.7 84.9





#67

1,2-Dichlorobenzene

Concen: 47.691 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU059398.D

Acq: 21 Jun 2024 08:36

Instrument :

MSVOA_U

ClientSampleId :

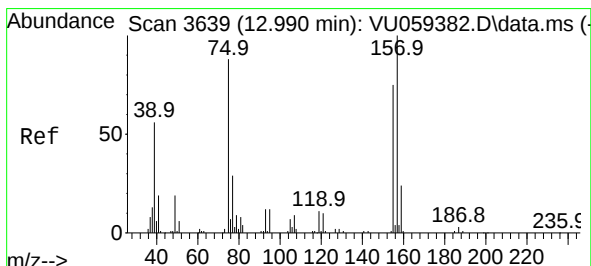
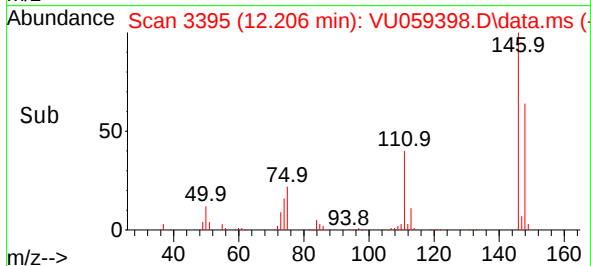
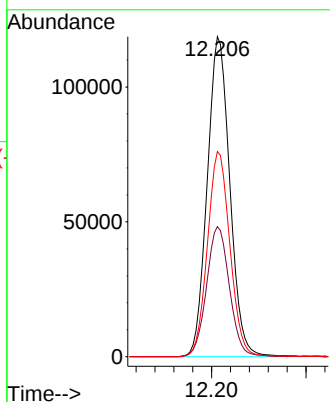
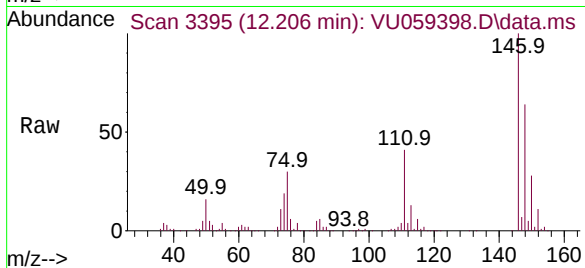
Tgt Ion:146 Resp: 196783

Ion Ratio Lower Upper

146 100

111 40.6 33.4 50.2

148 64.1 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 40.092 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU059398.D

Acq: 21 Jun 2024 08:36

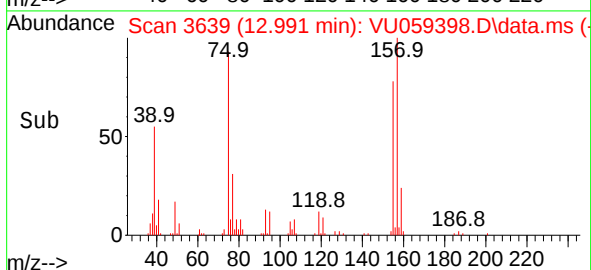
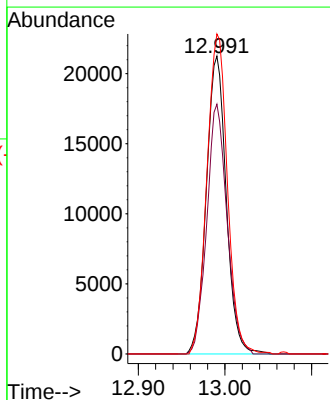
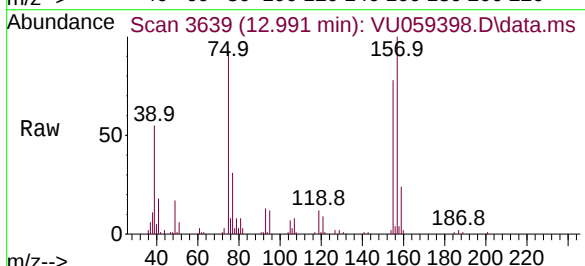
Tgt Ion: 75 Resp: 33935

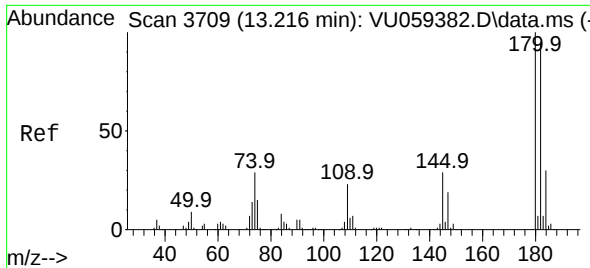
Ion Ratio Lower Upper

75 100

155 83.9 57.5 86.3

157 111.3 73.4 110.2#





#69

1,3,5-Trichlorobenzene

Concen: 52.453 ug/L

RT: 13.216 min Scan# 3709

Delta R.T. 0.000 min

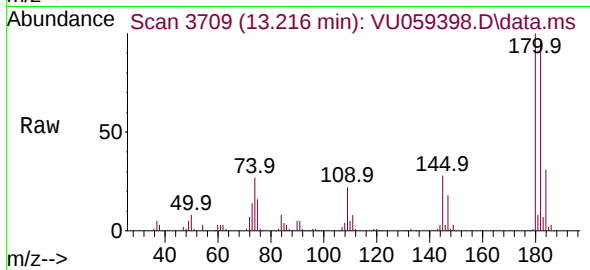
Lab File: VU059398.D

Acq: 21 Jun 2024 08:36

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 136757

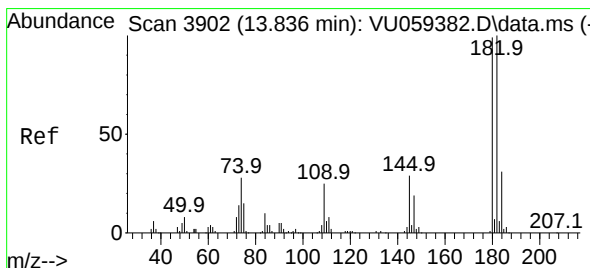
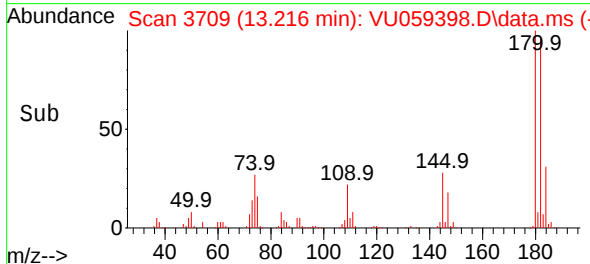
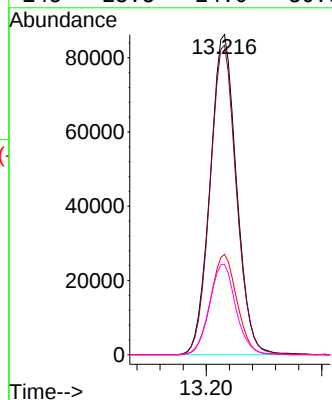
Ion Ratio Lower Upper

180 100

182 96.6 75.6 113.4

184 31.3 24.2 36.2

145 28.3 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 55.658 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU059398.D

Acq: 21 Jun 2024 08:36

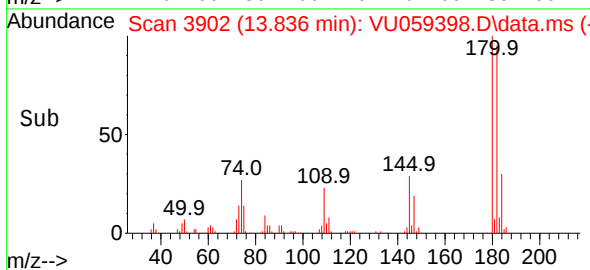
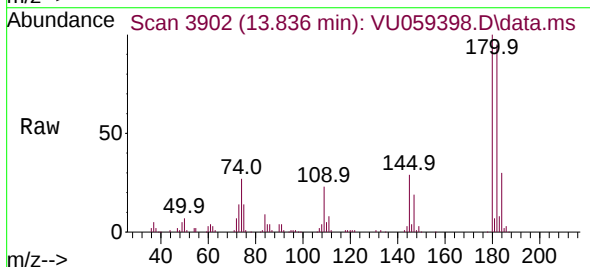
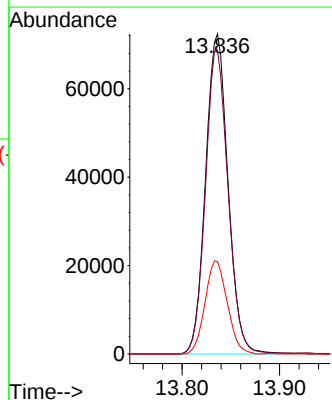
Tgt Ion:180 Resp: 115901

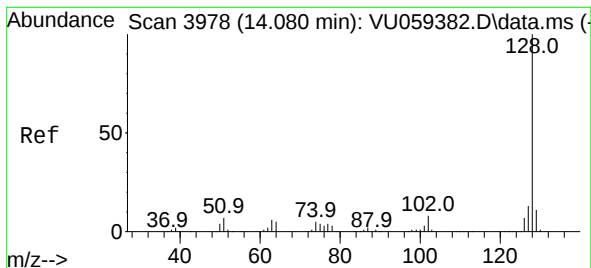
Ion Ratio Lower Upper

180 100

182 95.8 77.4 116.2

145 28.8 24.8 37.2





#71

Naphthalene

Concen: 48.892 ug/L

RT: 14.081 min Scan# 3978

Delta R.T. 0.000 min

Lab File: VU059398.D

Acq: 21 Jun 2024 08:36

Instrument :

MSVOA_U

ClientSampleId :

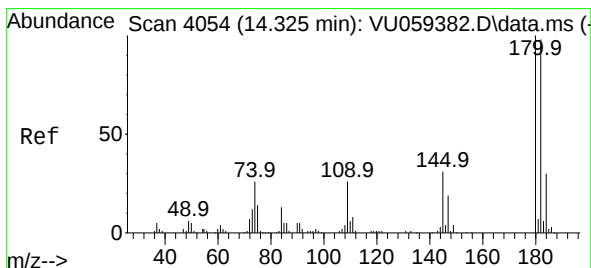
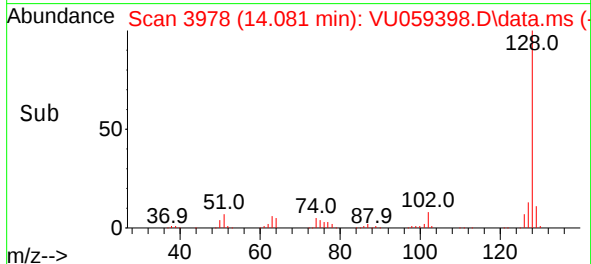
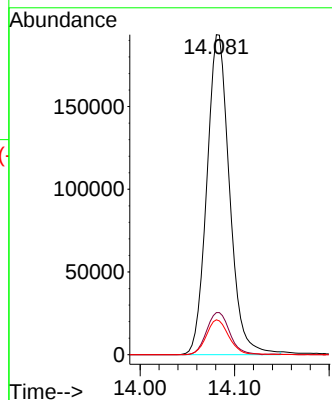
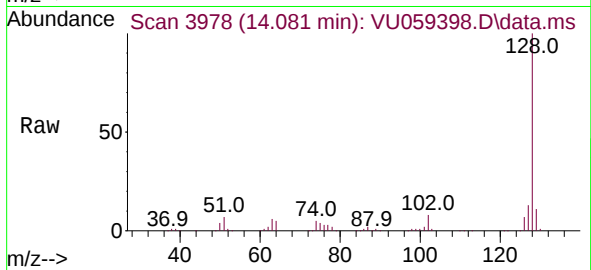
Tgt Ion:128 Resp: 322264

Ion Ratio Lower Upper

128 100

127 13.5 10.4 15.6

129 10.9 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 56.748 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VU059398.D

Acq: 21 Jun 2024 08:36

Tgt Ion:180 Resp: 120141

Ion Ratio Lower Upper

180 100

182 95.0 76.2 114.4

145 31.0 26.4 39.6

