

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071724\
 Data File : VU059985.D
 Acq On : 17 Jul 2024 10:54
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 18 02:27:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 16 05:46:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	254921	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	251856	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	131575	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	66842	40.838	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.680%
7) Chloroethane-d5	1.901	69	67545	49.062	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.120%
11) 1,1-Dichloroethene-d2	2.554	63	122503	42.129	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.260%
21) 2-Butanone-d5	4.627	46	124811	109.725	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.730%
24) Chloroform-d	5.052	84	148178	46.749	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.500%
26) 1,2-Dichloroethane-d4	5.695	65	89474	47.476	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.960%
32) Benzene-d6	5.717	84	288999	44.811	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.620%
36) 1,2-Dichloropropane-d6	6.682	67	96209	48.200	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.400%
41) Toluene-d8	7.891	98	264254	43.086	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.180%
43) trans-1,3-Dichloroprop...	8.177	79	42630	45.641	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.280%
47) 2-Hexanone-d5	8.640	63	88155	104.795	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.800%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	164721	53.766	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.540%
66) 1,2-Dichlorobenzene-d4	12.190	152	109488	45.284	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.560%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.380	85	75989	47.997	ug/L	99
3) Chloromethane	1.518	50	84189	54.190	ug/L	98
5) Vinyl chloride	1.599	62	93780	51.421	ug/L	99
6) Bromomethane	1.849	94	65534	68.409	ug/L	99
8) Chloroethane	1.917	64	64870	54.635	ug/L	98
9) Trichlorofluoromethane	2.113	101	126768	49.927	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.563	101	85479	52.888	ug/L	99
12) 1,1-Dichloroethene	2.563	96	75044	49.648	ug/L	87
13) Acetone	2.634	43	86905	74.195	ug/L	99
14) Carbon disulfide	2.779	76	177985	46.655	ug/L	99
15) Methyl Acetate	2.946	43	94413	53.463	ug/L	99
16) Methylene chloride	3.033	84	94754	49.713	ug/L	98
17) trans-1,2-Dichloroethene	3.338	96	76980	49.470	ug/L	99
18) Methyl tert-butyl Ether	3.357	73	265981	52.627	ug/L	99
19) 1,1-Dichloroethane	3.856	63	155239	52.599	ug/L	98
20) cis-1,2-Dichloroethene	4.656	96	96064	50.982	ug/L	95
22) 2-Butanone	4.705	43	132824	92.169	ug/L	96
23) Bromochloromethane	4.965	128	51443	51.760	ug/L	97
25) Chloroform	5.078	83	167380	52.703	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071724\
 Data File : VU059985.D
 Acq On : 17 Jul 2024 10:54
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

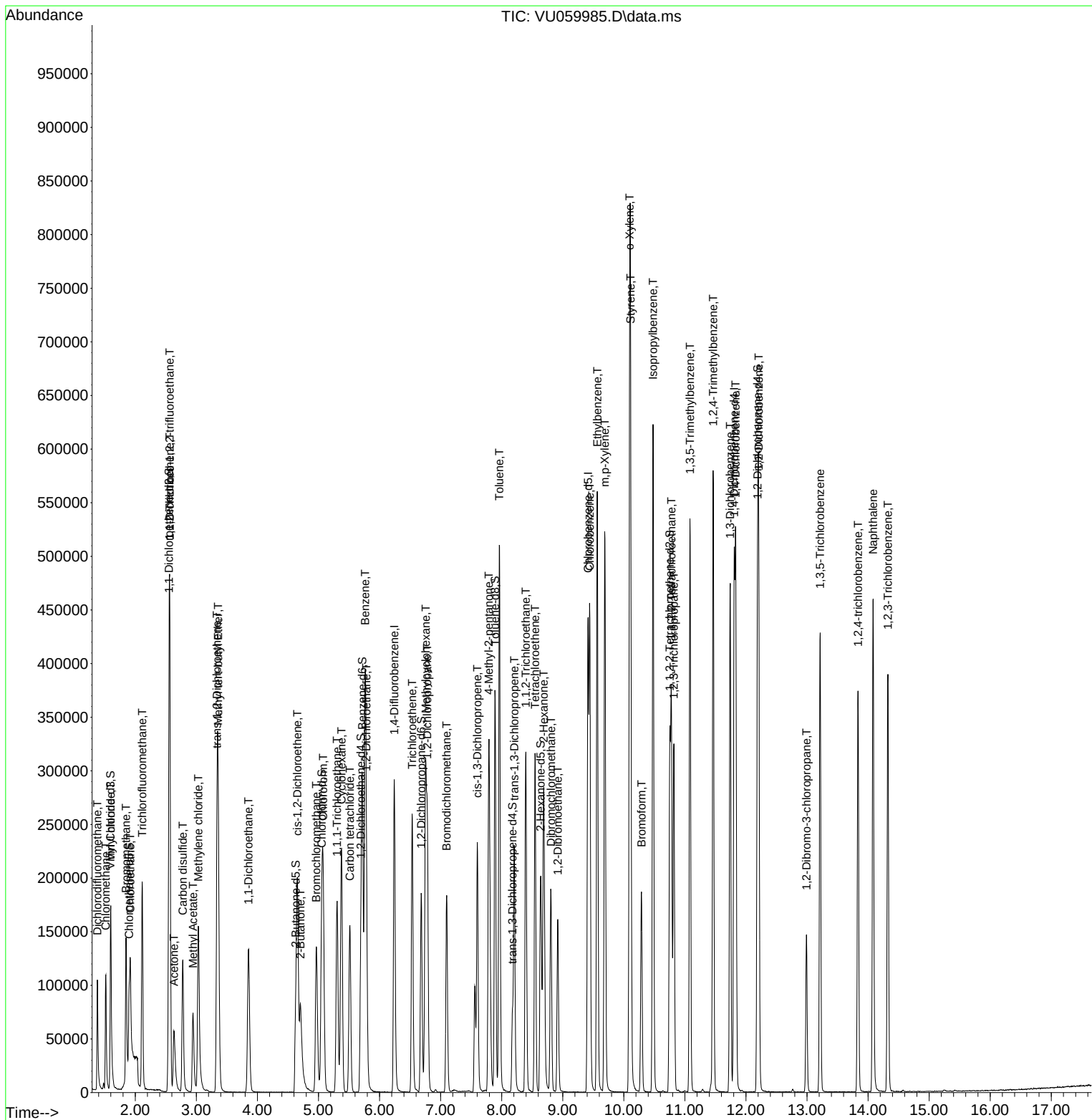
Instrument :
 MSVOA_U
 ClientSampleId :

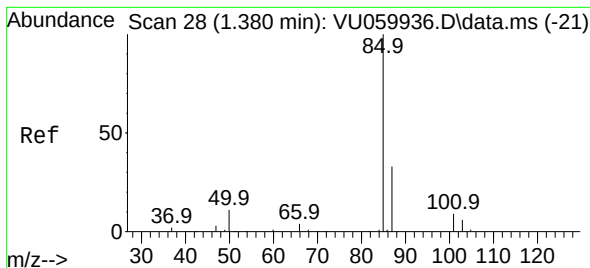
Quant Time: Jul 18 02:27:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 16 05:46:09 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	126963	52.660	ug/L	100
29) Cyclohexane	5.377	56	112131	49.722	ug/L	99
30) 1,1,1-Trichloroethane	5.306	97	131976	50.582	ug/L	99
31) Carbon tetrachloride	5.515	117	109712	50.905	ug/L	99
33) Benzene	5.766	78	360934	53.070	ug/L	100
34) Trichloroethene	6.534	95	90578	49.907	ug/L	98
35) Methylcyclohexane	6.756	83	126342	50.405	ug/L	99
37) 1,2-Dichloropropane	6.782	63	101796	54.378	ug/L	99
38) Bromodichloromethane	7.100	83	127414	53.717	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	146756	51.239	ug/L	98
40) 4-Methyl-2-pentanone	7.791	43	258814	109.388	ug/L	98
42) Toluene	7.962	91	395282	53.239	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	137400	52.226	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	108517	55.351	ug/L	99
46) Tetrachloroethene	8.547	164	74641	49.992	ug/L	98
48) 2-Hexanone	8.688	43	210488	106.297	ug/L	98
49) Dibromochloromethane	8.807	129	105369	54.548	ug/L	99
50) 1,2-Dibromoethane	8.920	107	111204	54.250	ug/L	100
51) Chlorobenzene	9.444	112	255287	51.792	ug/L	99
52) Ethylbenzene	9.566	91	405919	51.195	ug/L	99
53) m,p-Xylene	9.688	106	160371	51.948	ug/L	100
54) o-Xylene	10.097	106	158809	53.495	ug/L	100
55) Styrene	10.113	104	280596	56.025	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	189678	57.371	ug/L	99
59) Bromoform	10.290	173	90345	56.788	ug/L	99
60) 1,2,3-Trichloropropane	10.820	75	140618	56.313	ug/L	99
61) Isopropylbenzene	10.479	105	412591	53.795	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	294147	52.389	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	320380	53.271	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	207583	52.187	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	210820	51.270	ug/L	100
67) 1,2-Dichlorobenzene	12.209	146	213225	53.065	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	37159	54.413	ug/L	97
69) 1,3,5-Trichlorobenzene	13.216	180	145503	50.736	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	122019	47.206	ug/L	99
71) Naphthalene	14.084	128	381221	51.035	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	129915	50.095	ug/L	99

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

Quant Time: Jul 18 02:27:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 16 05:46:09 2024
Response via : Initial Calibration

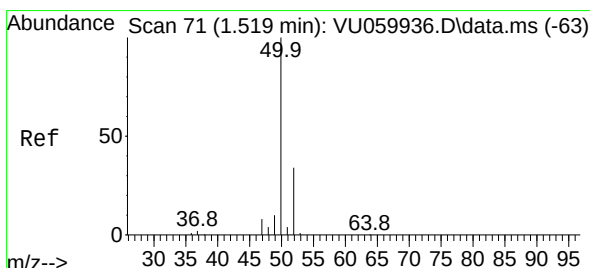
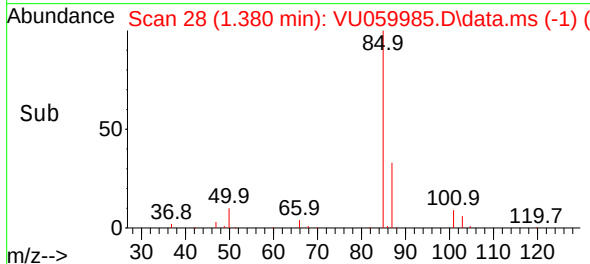
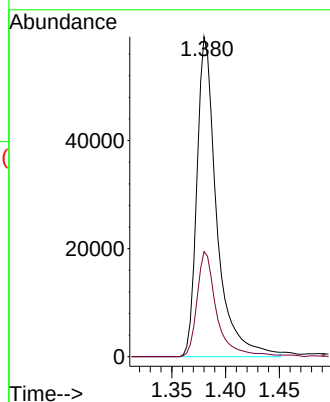
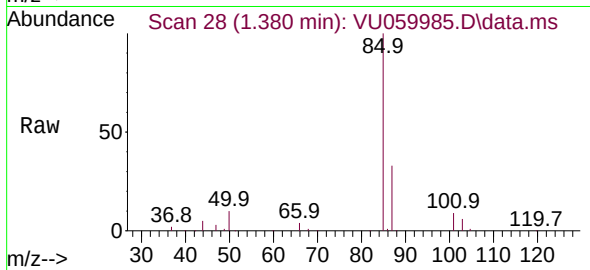




#2
 Dichlorodifluoromethane
 Concen: 47.997 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VU059985.D
 Acq: 17 Jul 2024 10:54

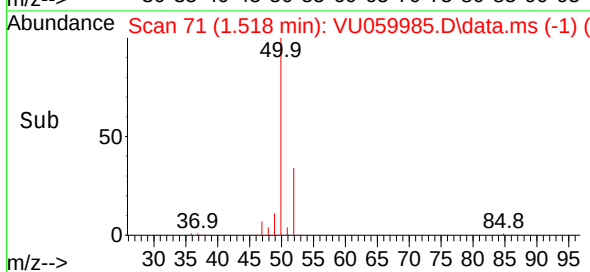
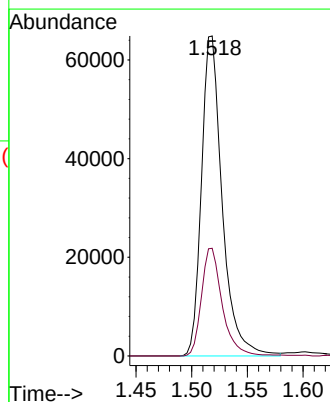
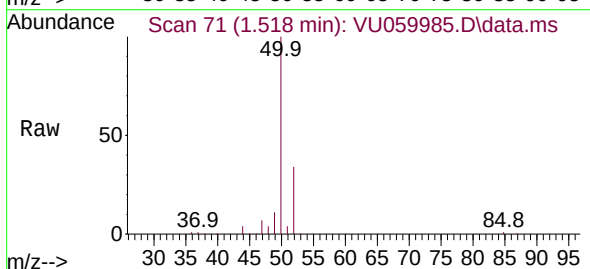
Instrument :
 MSVOA_U
 ClientSampleId :

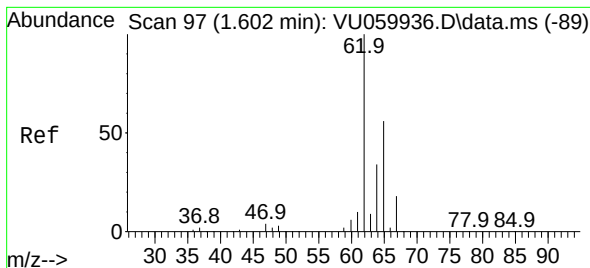
Tgt Ion: 85 Resp: 75989
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.4 38.2



#3
 Chloromethane
 Concen: 54.190 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU059985.D
 Acq: 17 Jul 2024 10:54

Tgt Ion: 50 Resp: 84189
 Ion Ratio Lower Upper
 50 100
 52 33.7 24.5 45.5





#5

Vinyl chloride

Concen: 51.421 ug/L

RT: 1.599 min Scan# 90

Delta R.T. -0.003 min

Lab File: VU059985.D

Acq: 17 Jul 2024 10:54

Instrument :

MSVOA_U

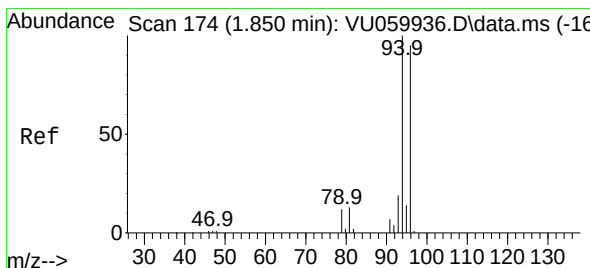
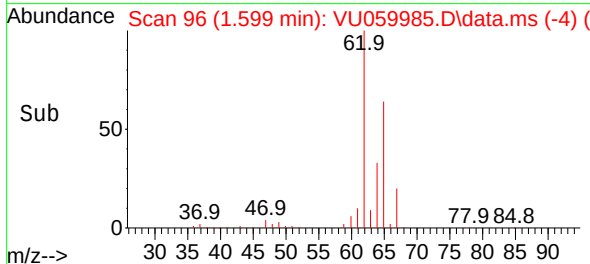
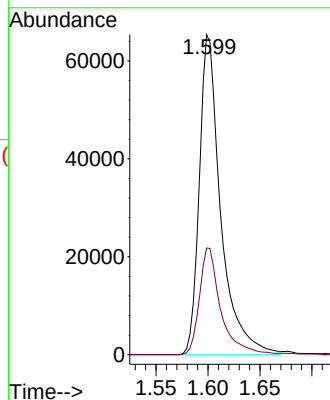
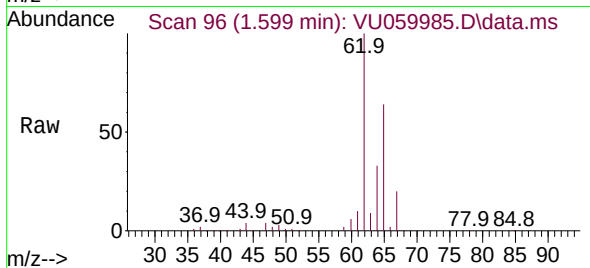
ClientSampleId :

Tgt Ion: 62 Resp: 93780

Ion Ratio Lower Upper

62 100

64 33.4 22.9 42.5



#6

Bromomethane

Concen: 68.409 ug/L

RT: 1.849 min Scan# 174

Delta R.T. -0.000 min

Lab File: VU059985.D

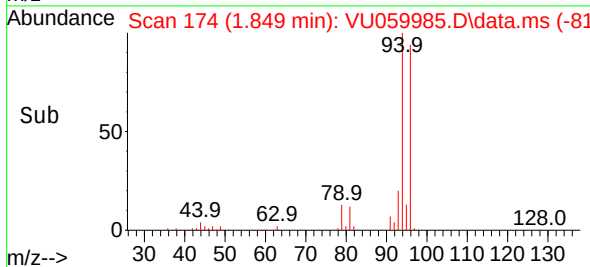
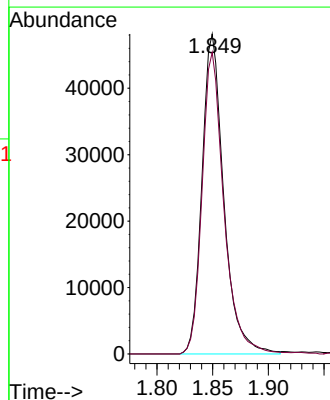
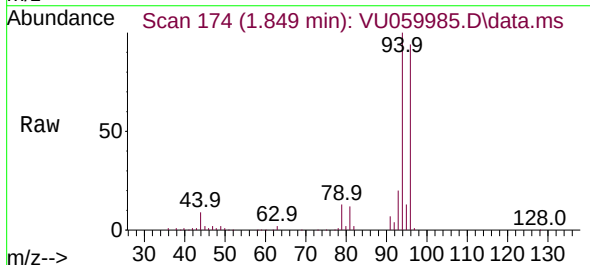
Acq: 17 Jul 2024 10:54

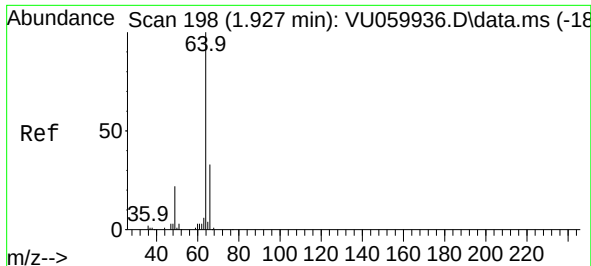
Tgt Ion: 94 Resp: 65534

Ion Ratio Lower Upper

94 100

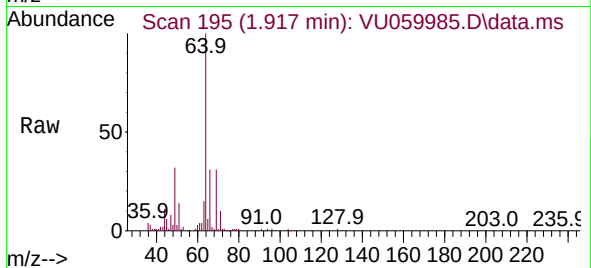
96 94.3 65.2 121.2



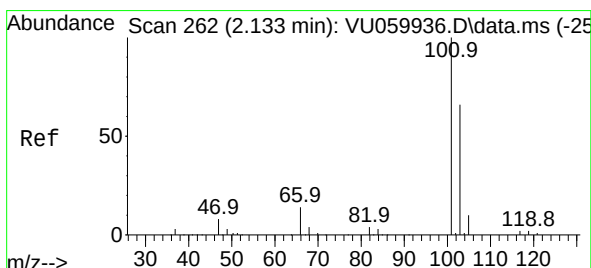
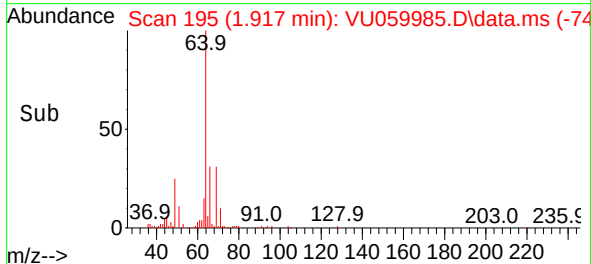
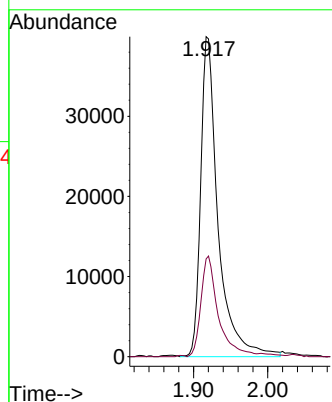


#8
Chloroethane
Concen: 54.635 ug/L
RT: 1.917 min Scan# 195
Delta R.T. -0.010 min
Lab File: VU059985.D
Acq: 17 Jul 2024 10:54

Instrument :
MSVOA_U
ClientSampleId :

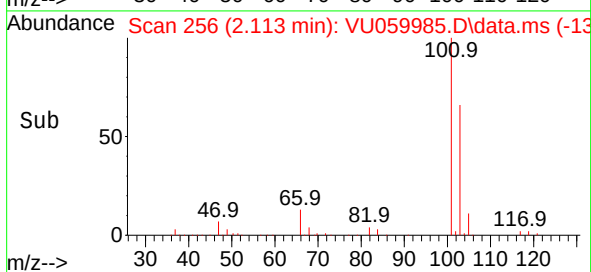
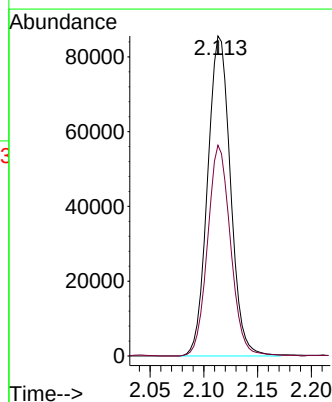
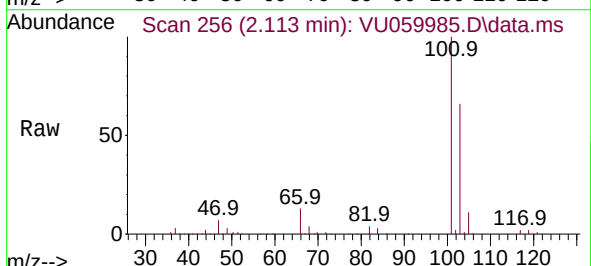


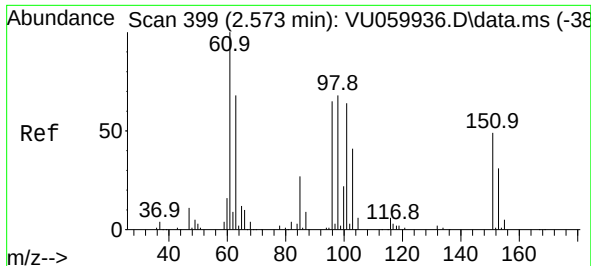
Tgt Ion: 64 Resp: 64870
Ion Ratio Lower Upper
64 100
66 30.6 22.3 41.3



#9
Trichlorofluoromethane
Concen: 49.927 ug/L
RT: 2.113 min Scan# 256
Delta R.T. -0.020 min
Lab File: VU059985.D
Acq: 17 Jul 2024 10:54

Tgt Ion:101 Resp: 126768
Ion Ratio Lower Upper
101 100
103 65.9 52.3 78.5

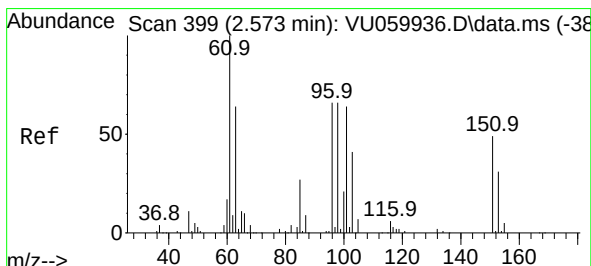
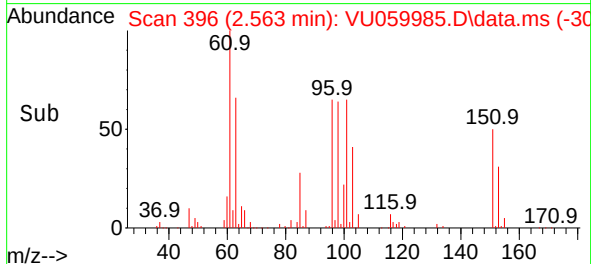
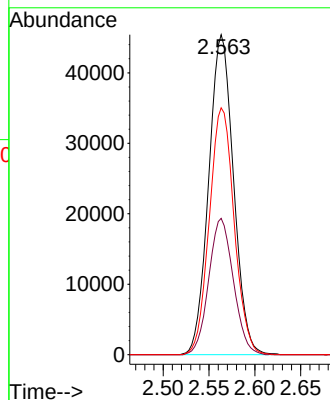
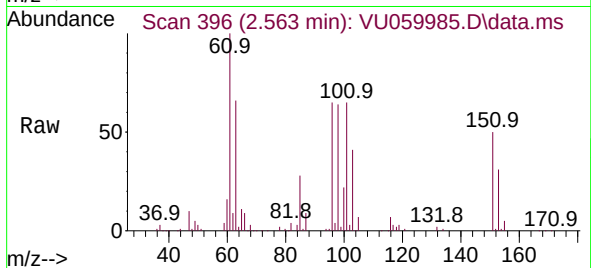




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 52.888 ug/L
RT: 2.563 min Scan# 396
Delta R.T. -0.010 min
Lab File: VU059985.D
Acq: 17 Jul 2024 10:54

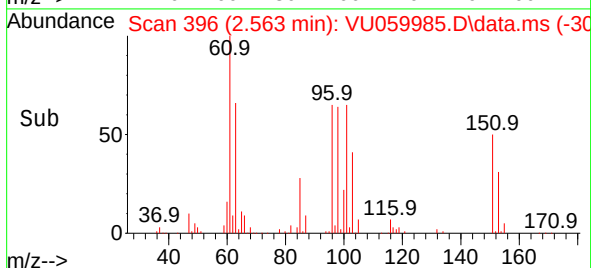
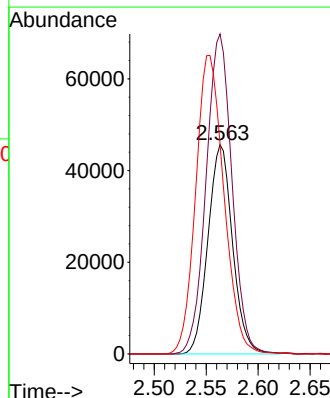
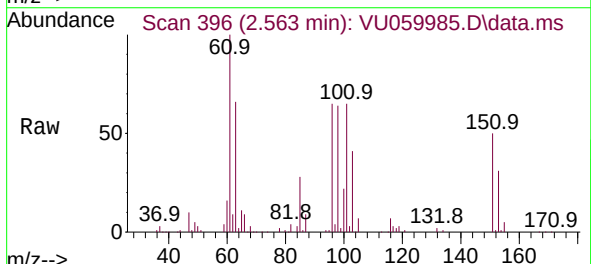
Instrument :
MSVOA_U
ClientSampleId :

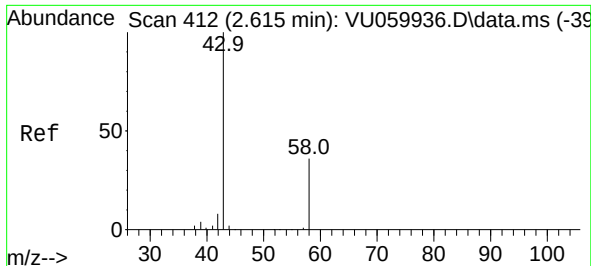
Tgt Ion:101 Resp: 85479
Ion Ratio Lower Upper
101 100
85 42.2 34.8 52.2
151 77.2 62.3 93.5



#12
1,1-Dichloroethene
Concen: 49.648 ug/L
RT: 2.563 min Scan# 396
Delta R.T. -0.010 min
Lab File: VU059985.D
Acq: 17 Jul 2024 10:54

Tgt Ion: 96 Resp: 75044
Ion Ratio Lower Upper
96 100
61 152.9 112.2 208.4
63 100.5 87.4 162.2





#13

Acetone

Concen: 74.195 ug/L

RT: 2.634 min Scan# 41

Delta R.T. 0.019 min

Lab File: VU059985.D

Acq: 17 Jul 2024 10:54

Instrument :

MSVOA_U

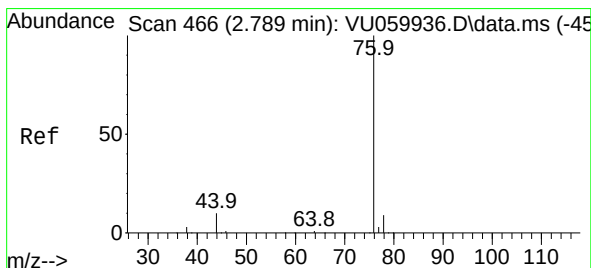
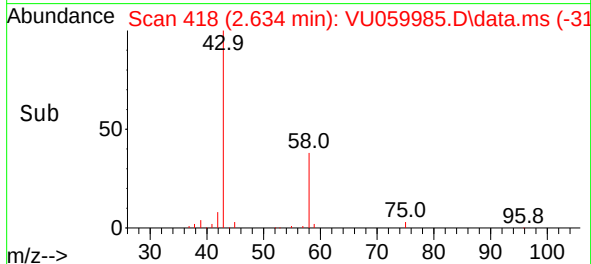
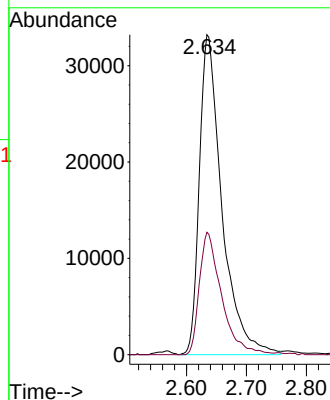
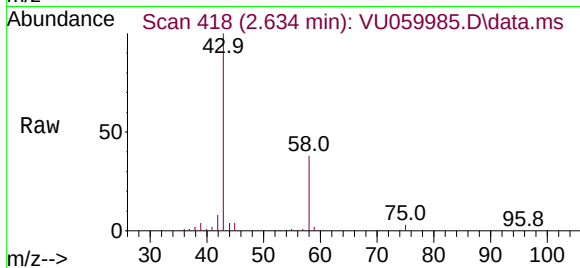
ClientSampleId :

Tgt Ion: 43 Resp: 86905

Ion Ratio Lower Upper

43 100

58 36.6 0.0 73.8



#14

Carbon disulfide

Concen: 46.655 ug/L

RT: 2.779 min Scan# 463

Delta R.T. -0.010 min

Lab File: VU059985.D

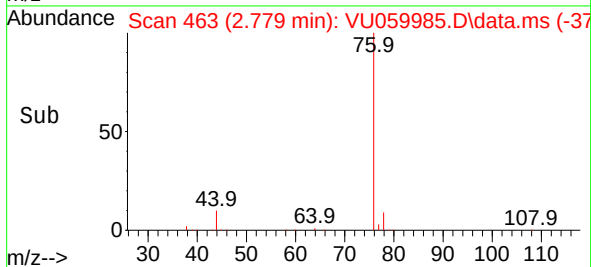
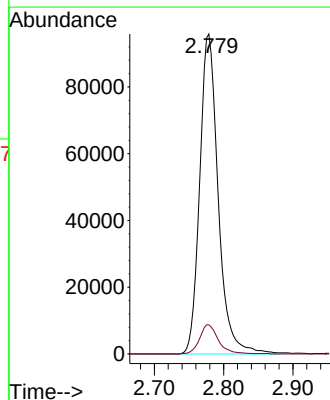
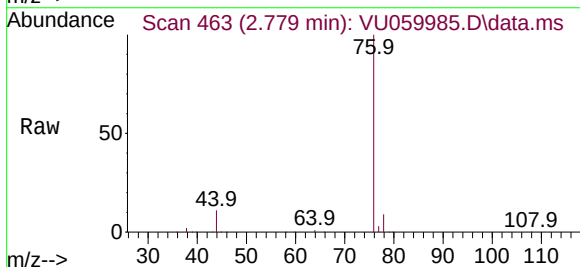
Acq: 17 Jul 2024 10:54

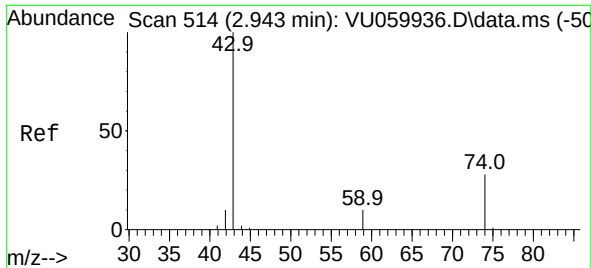
Tgt Ion: 76 Resp: 177985

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.4

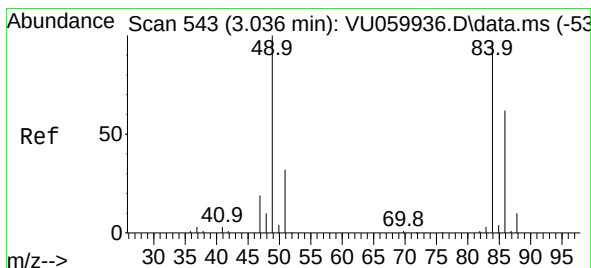
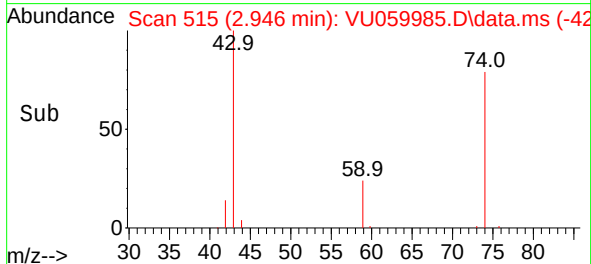
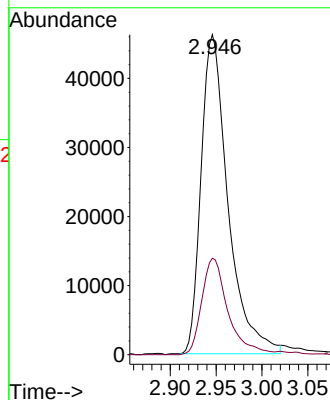
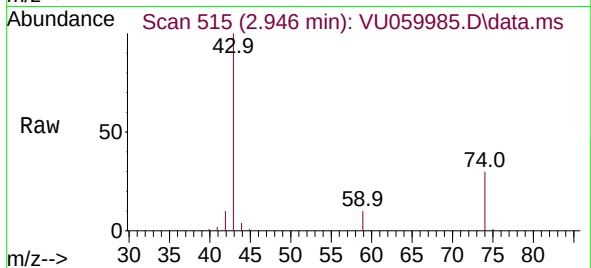




#15
Methyl Acetate
Concen: 53.463 ug/L
RT: 2.946 min Scan# 514
Delta R.T. 0.003 min
Lab File: VU059985.D
Acq: 17 Jul 2024 10:54

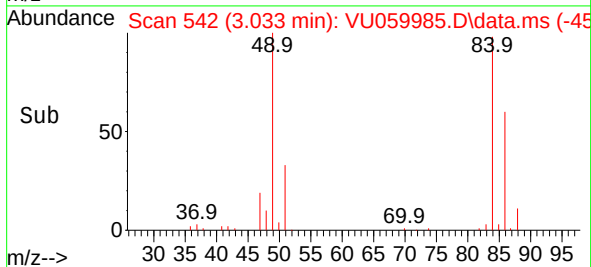
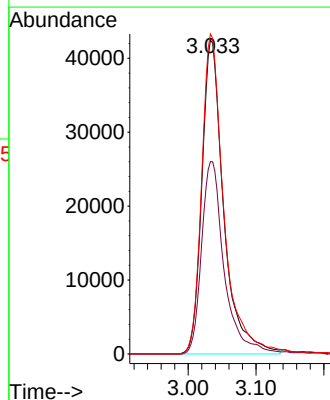
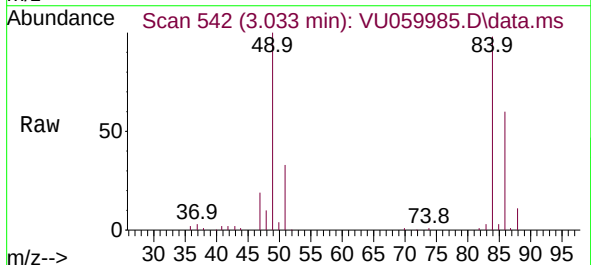
Instrument :
MSVOA_U
ClientSampleId :

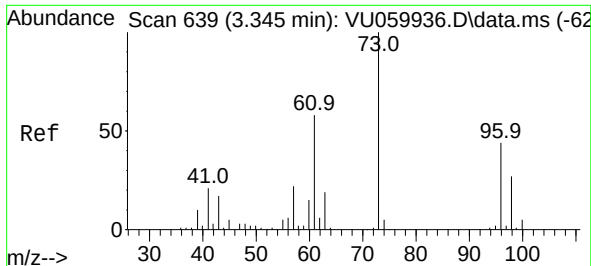
Tgt Ion: 43 Resp: 94413
Ion Ratio Lower Upper
43 100
74 29.3 24.1 36.1



#16
Methylene chloride
Concen: 49.713 ug/L
RT: 3.033 min Scan# 542
Delta R.T. -0.003 min
Lab File: VU059985.D
Acq: 17 Jul 2024 10:54

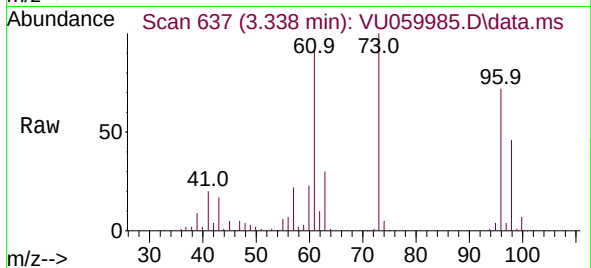
Tgt Ion: 84 Resp: 94754
Ion Ratio Lower Upper
84 100
86 61.3 44.7 83.1
49 101.9 71.6 133.0



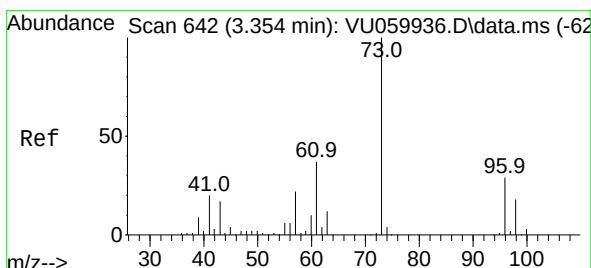
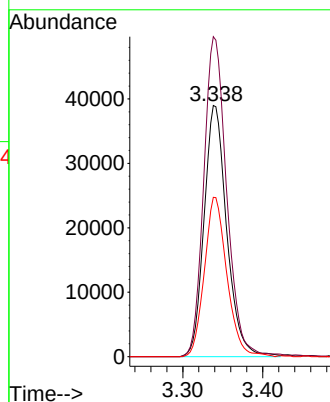
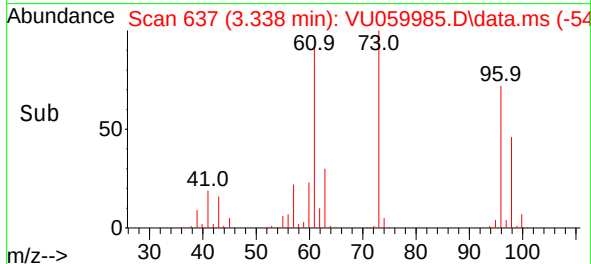


#17
trans-1,2-Dichloroethene
Concen: 49.470 ug/L
RT: 3.338 min Scan# 61
Delta R.T. -0.007 min
Lab File: VU059985.D
Acq: 17 Jul 2024 10:54

Instrument :
MSVOA_U
ClientSampleId :

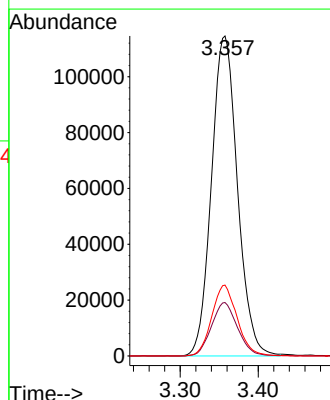
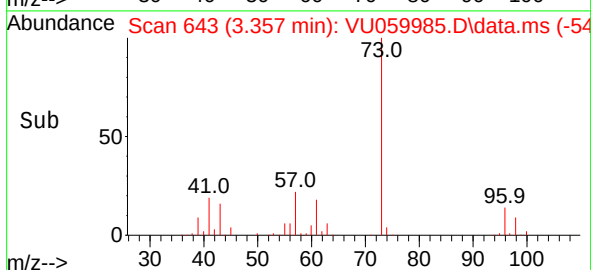
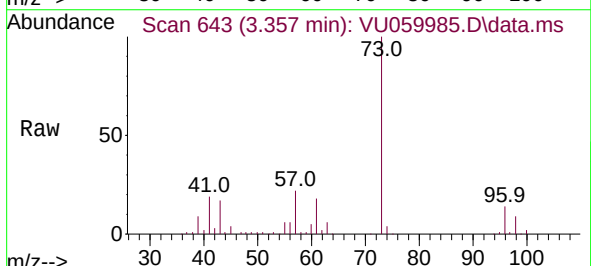


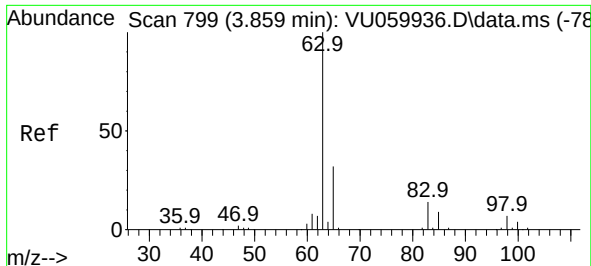
Tgt Ion: 96 Resp: 76980
Ion Ratio Lower Upper
96 100
61 127.4 90.6 168.3
98 63.4 44.9 83.3



#18
Methyl tert-butyl Ether
Concen: 52.627 ug/L
RT: 3.357 min Scan# 643
Delta R.T. 0.003 min
Lab File: VU059985.D
Acq: 17 Jul 2024 10:54

Tgt Ion: 73 Resp: 265981
Ion Ratio Lower Upper
73 100
43 16.8 14.1 21.1
57 21.6 17.1 25.7





#19

1,1-Dichloroethane

Concen: 52.599 ug/L

RT: 3.856 min Scan# 799

Delta R.T. -0.003 min

Lab File: VU059985.D

Acq: 17 Jul 2024 10:54

Instrument :

MSVOA_U

ClientSampleId :

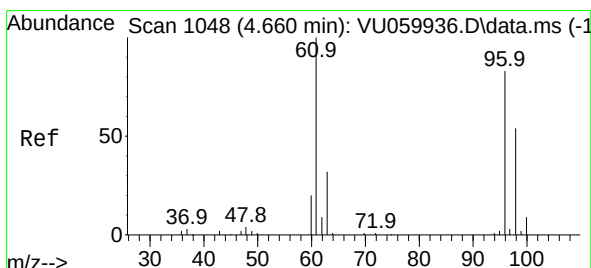
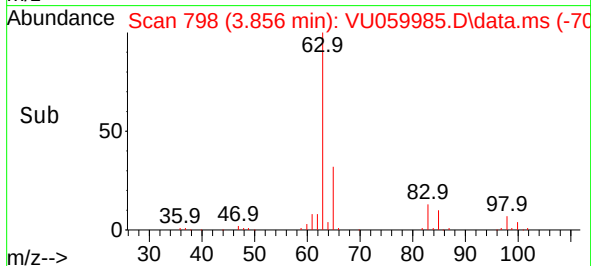
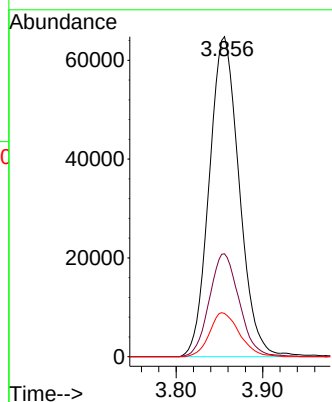
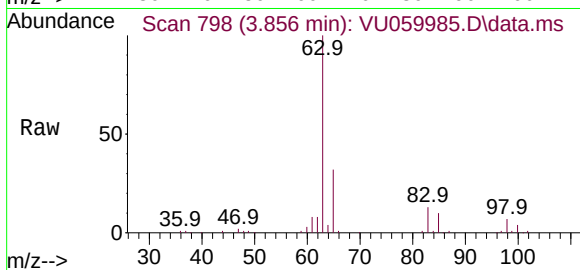
Tgt Ion: 63 Resp: 155239

Ion Ratio Lower Upper

63 100

65 32.2 23.3 43.3

83 13.5 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 50.982 ug/L

RT: 4.656 min Scan# 1047

Delta R.T. -0.003 min

Lab File: VU059985.D

Acq: 17 Jul 2024 10:54

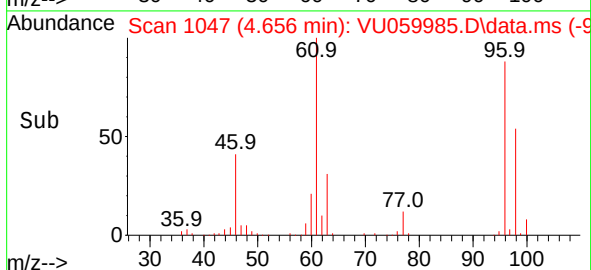
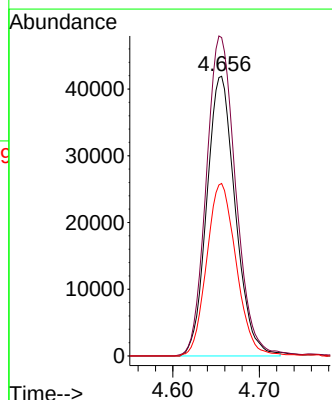
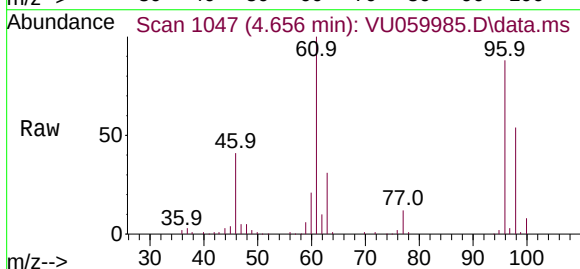
Tgt Ion: 96 Resp: 96064

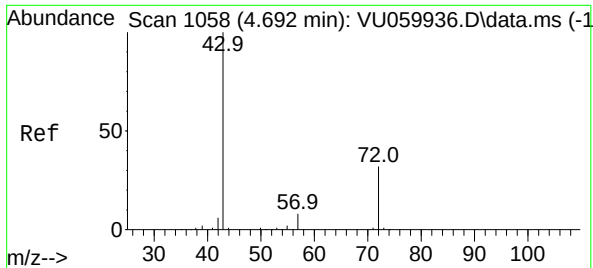
Ion Ratio Lower Upper

96 100

61 113.8 83.2 154.4

98 61.7 45.9 85.3

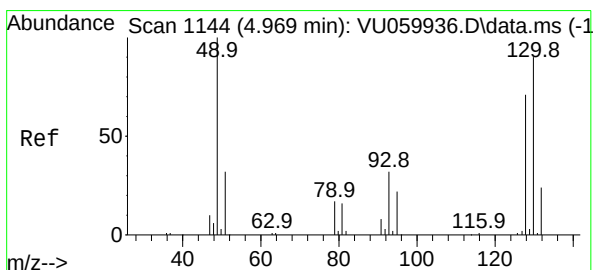
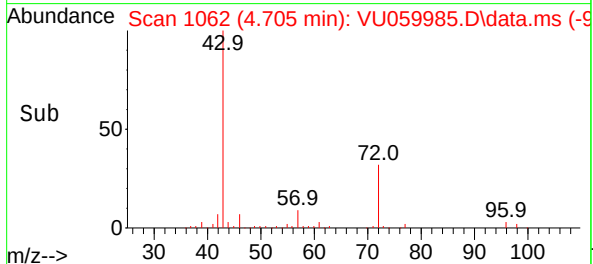
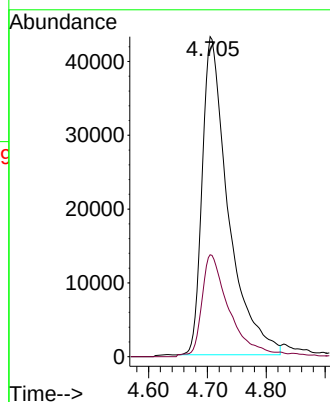
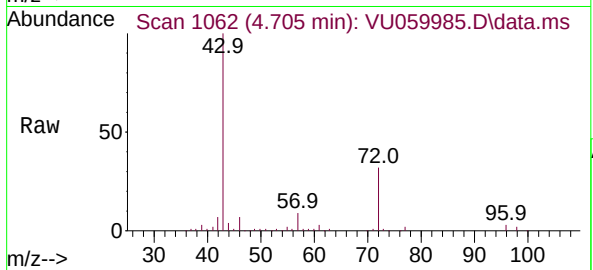




#22
2-Butanone
Concen: 92.169 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. 0.013 min
Lab File: VU059985.D
Acq: 17 Jul 2024 10:54

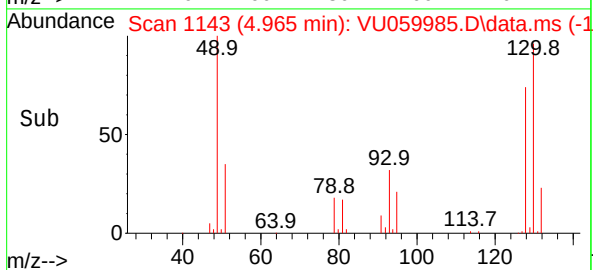
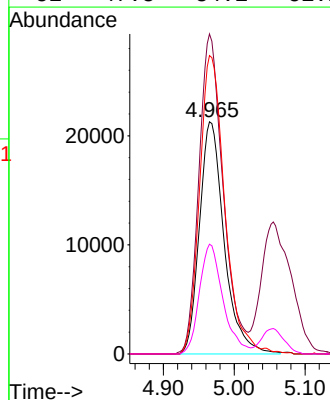
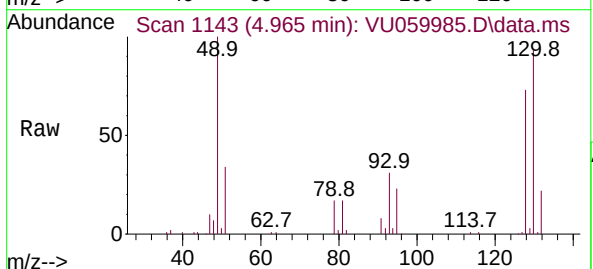
Instrument :
MSVOA_U
ClientSampleId :

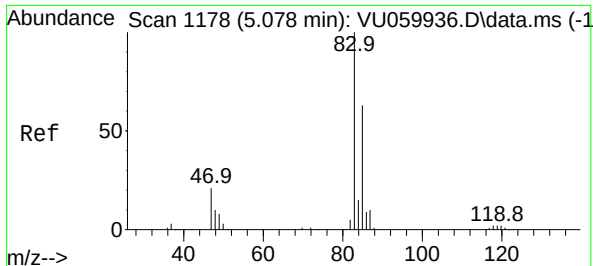
Tgt Ion: 43 Resp: 132824
Ion Ratio Lower Upper
43 100
72 30.7 16.4 49.2



#23
Bromochloromethane
Concen: 51.760 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.003 min
Lab File: VU059985.D
Acq: 17 Jul 2024 10:54

Tgt Ion:128 Resp: 51443
Ion Ratio Lower Upper
128 100
49 137.8 96.7 179.7
130 128.5 86.3 160.3
51 47.3 34.1 51.1





#25

Chloroform

Concen: 52.703 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU059985.D

Acq: 17 Jul 2024 10:54

Instrument :

MSVOA_U

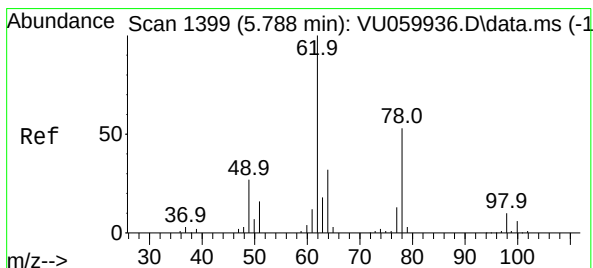
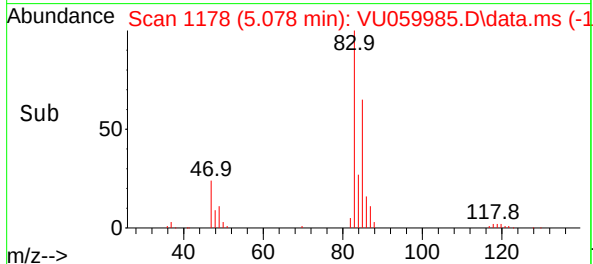
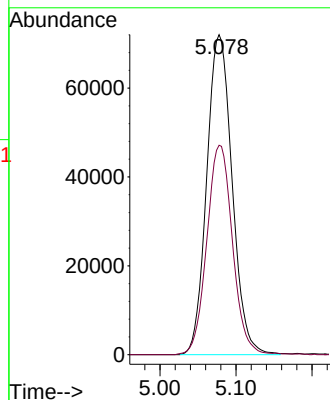
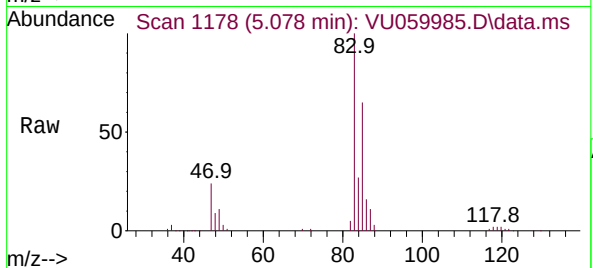
ClientSampleId :

Tgt Ion: 83 Resp: 167380

Ion Ratio Lower Upper

83 100

85 65.5 46.7 86.7



#27

1,2-Dichloroethane

Concen: 52.660 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.003 min

Lab File: VU059985.D

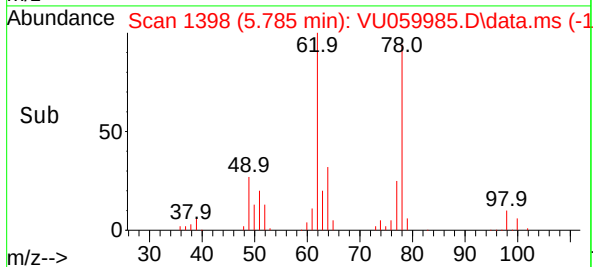
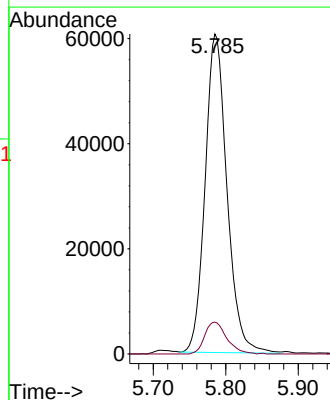
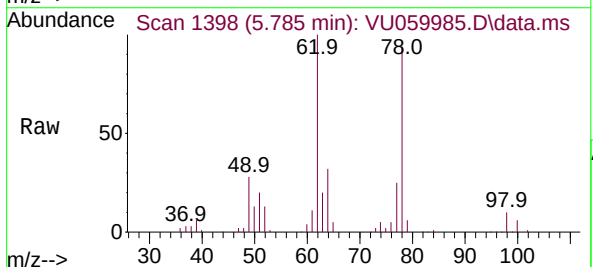
Acq: 17 Jul 2024 10:54

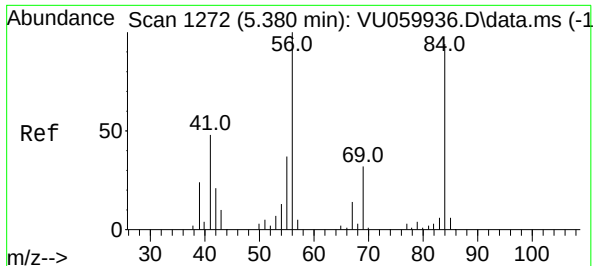
Tgt Ion: 62 Resp: 126963

Ion Ratio Lower Upper

62 100

98 9.9 7.8 11.8





#29

Cyclohexane

Concen: 49.722 ug/L

RT: 5.377 min Scan# 1271

Delta R.T. -0.003 min

Lab File: VU059985.D

Acq: 17 Jul 2024 10:54

Instrument :

MSVOA_U

ClientSampleId :

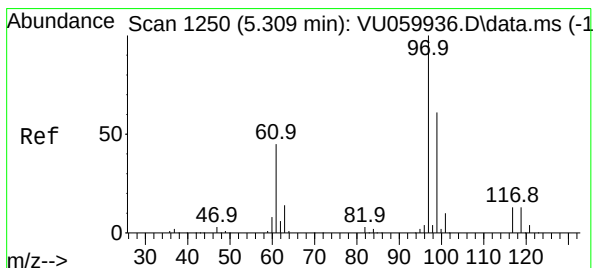
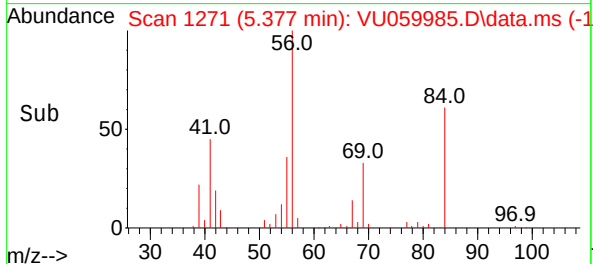
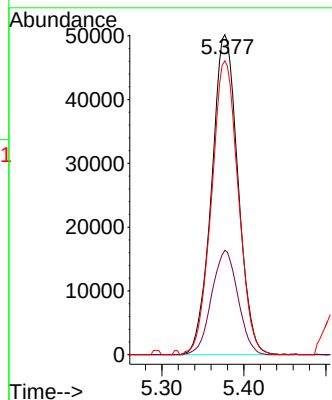
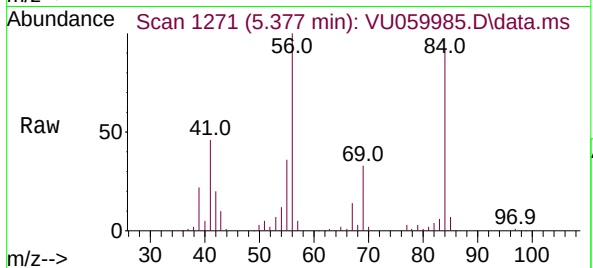
Tgt Ion: 56 Resp: 112131

Ion Ratio Lower Upper

56 100

69 32.5 26.0 39.0

84 93.0 75.5 113.3



#30

1,1,1-Trichloroethane

Concen: 50.582 ug/L

RT: 5.306 min Scan# 1249

Delta R.T. -0.003 min

Lab File: VU059985.D

Acq: 17 Jul 2024 10:54

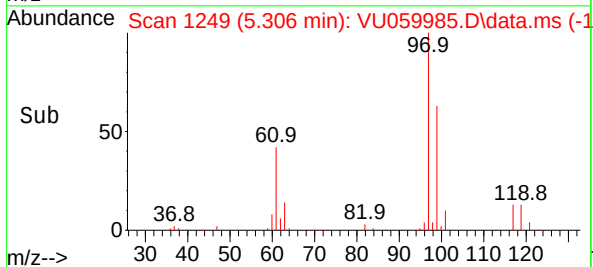
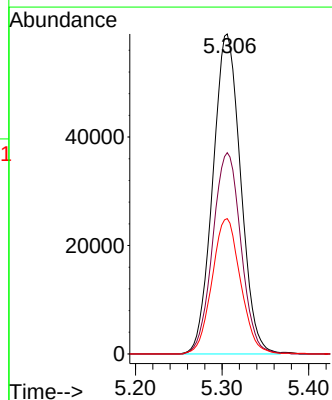
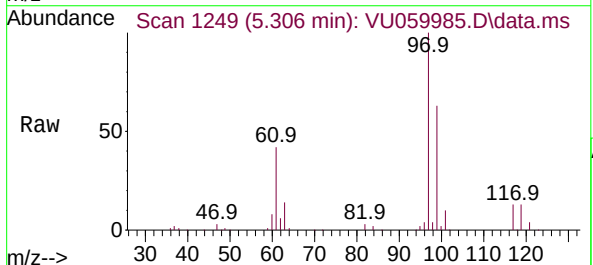
Tgt Ion: 97 Resp: 131976

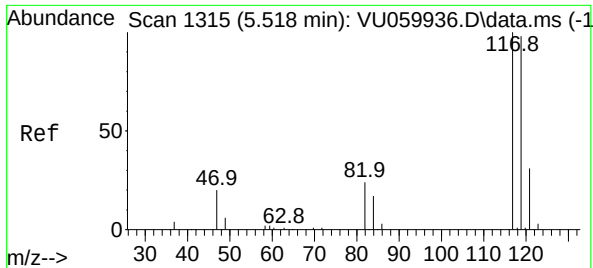
Ion Ratio Lower Upper

97 100

99 63.9 52.2 78.2

61 43.3 35.2 52.8

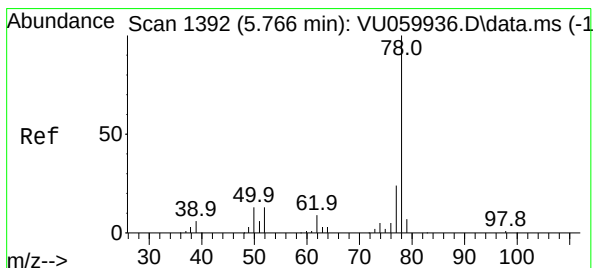
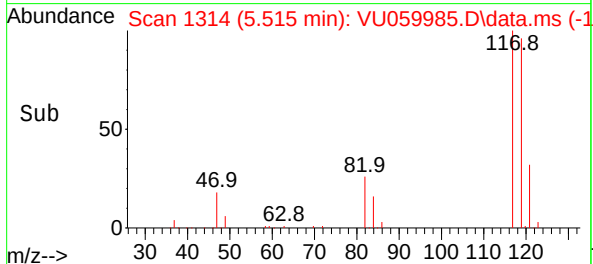
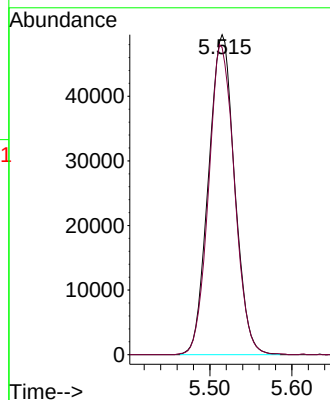
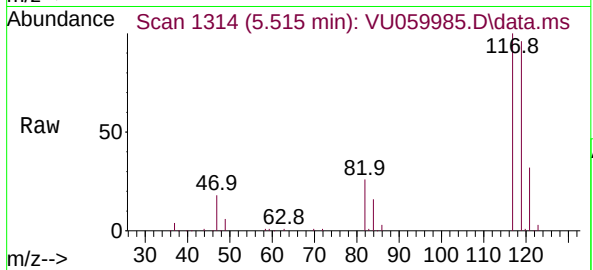




#31
Carbon tetrachloride
Concen: 50.905 ug/L
RT: 5.515 min Scan# 1315
Delta R.T. -0.003 min
Lab File: VU059985.D
Acq: 17 Jul 2024 10:54

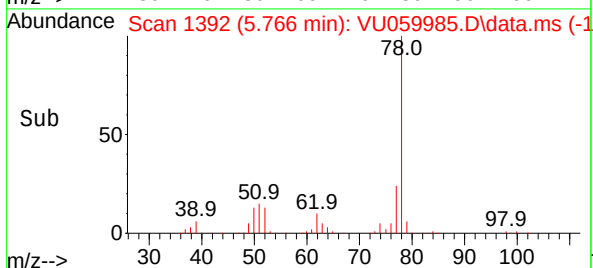
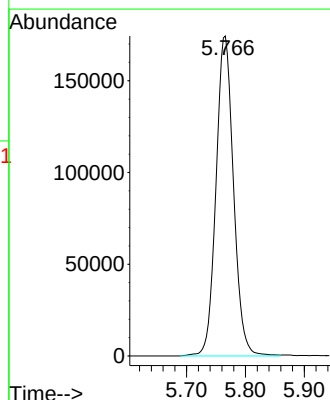
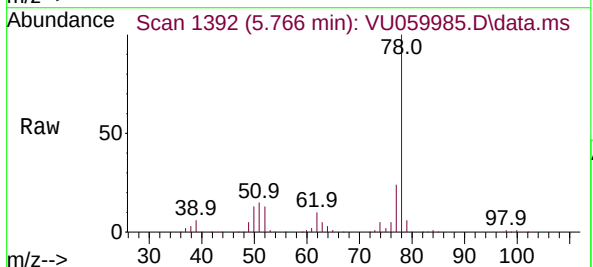
Instrument :
MSVOA_U
ClientSampleId :

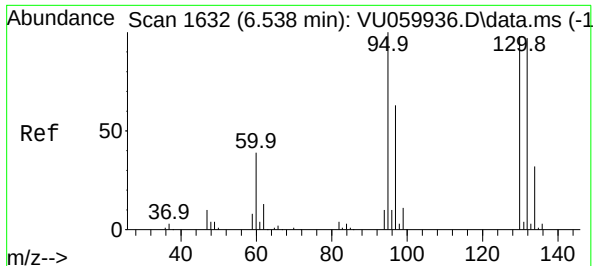
Tgt Ion:117 Resp: 109712
Ion Ratio Lower Upper
117 100
119 95.7 77.6 116.4



#33
Benzene
Concen: 53.070 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU059985.D
Acq: 17 Jul 2024 10:54

Tgt Ion: 78 Resp: 360934





#34

Trichloroethene

Concen: 49.907 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU059985.D

Acq: 17 Jul 2024 10:54

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 90578

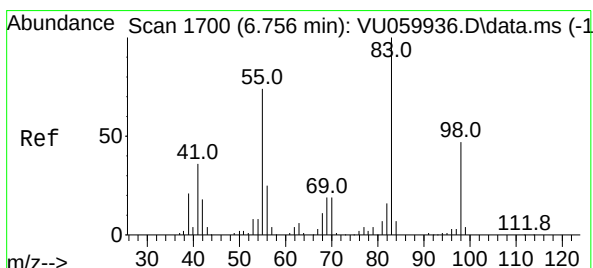
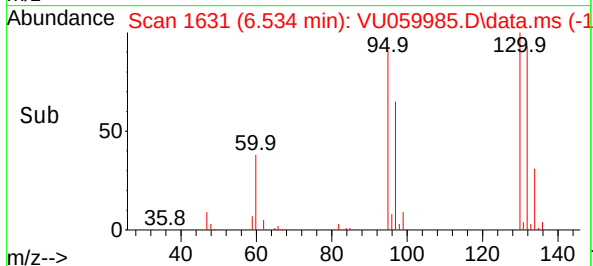
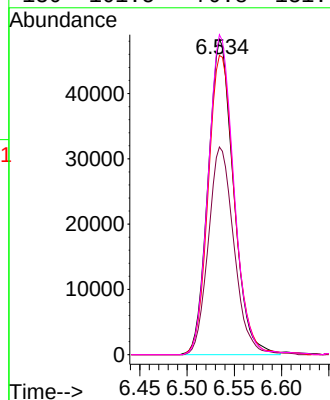
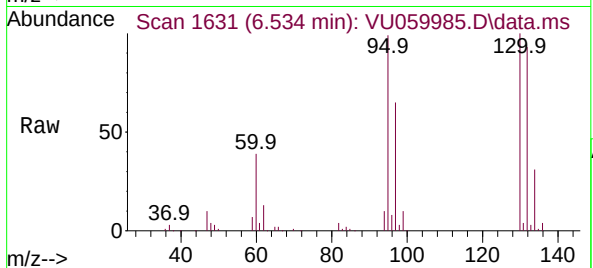
Ion Ratio Lower Upper

95 100

97 65.8 45.8 85.2

132 94.9 69.8 129.6

130 101.5 70.8 131.6



#35

Methylcyclohexane

Concen: 50.405 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VU059985.D

Acq: 17 Jul 2024 10:54

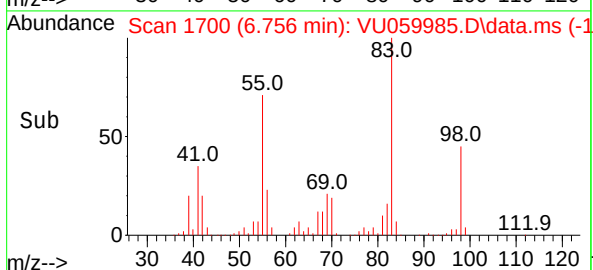
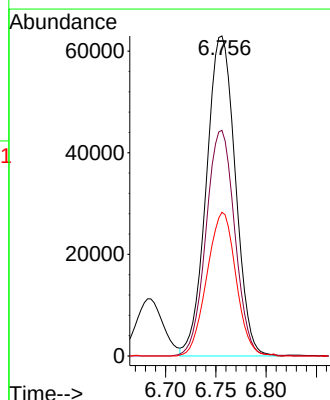
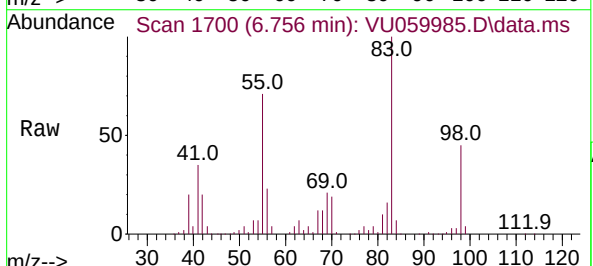
Tgt Ion: 83 Resp: 126342

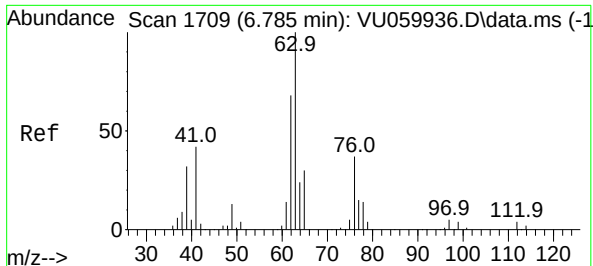
Ion Ratio Lower Upper

83 100

55 69.9 56.8 85.2

98 44.9 36.5 54.7

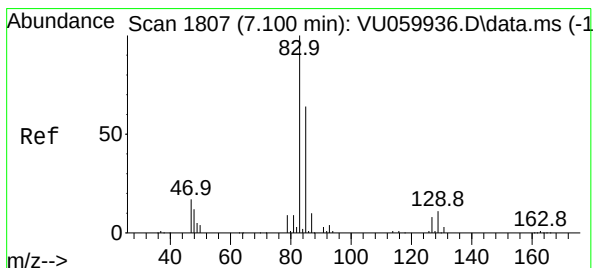
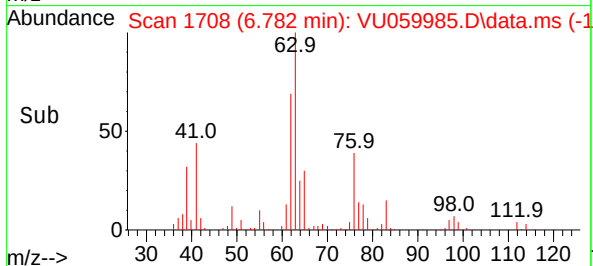
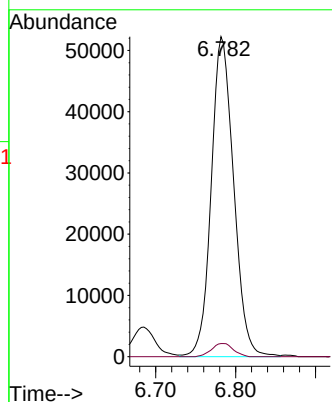
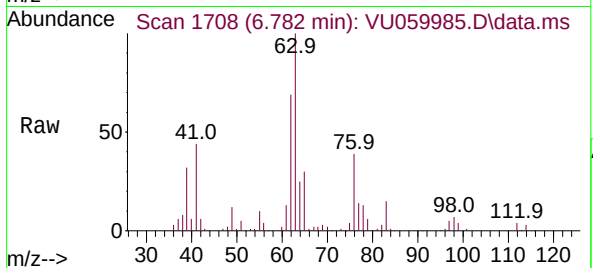




#37
1,2-Dichloropropane
Concen: 54.378 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU059985.D
Acq: 17 Jul 2024 10:54

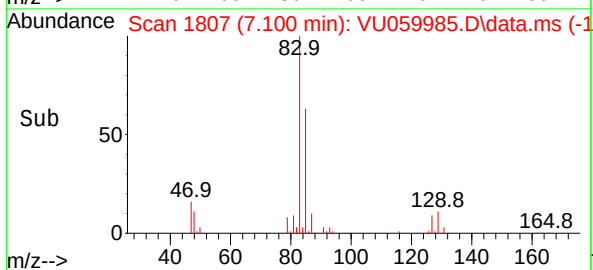
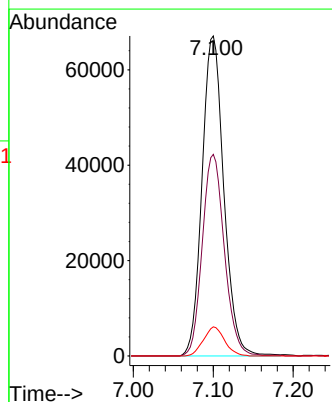
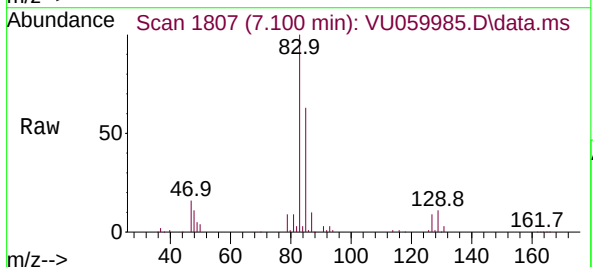
Instrument :
MSVOA_U
ClientSampleId :

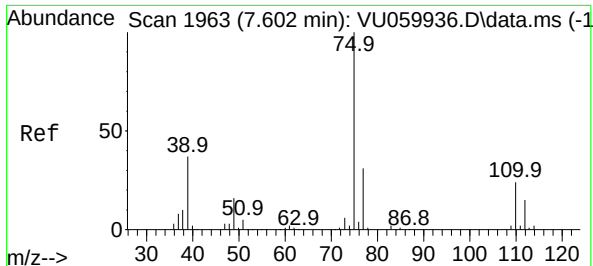
Tgt Ion: 63 Resp: 101796
Ion Ratio Lower Upper
63 100
112 4.0 3.0 4.6



#38
Bromodichloromethane
Concen: 53.717 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU059985.D
Acq: 17 Jul 2024 10:54

Tgt Ion: 83 Resp: 127414
Ion Ratio Lower Upper
83 100
85 63.0 45.0 83.6
127 9.1 7.4 11.2

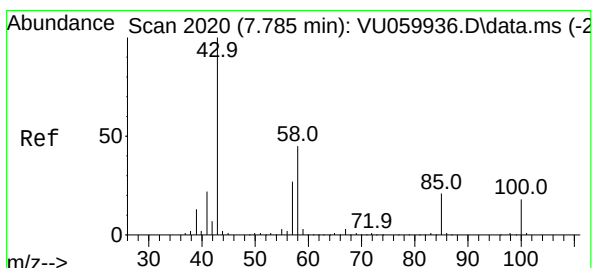
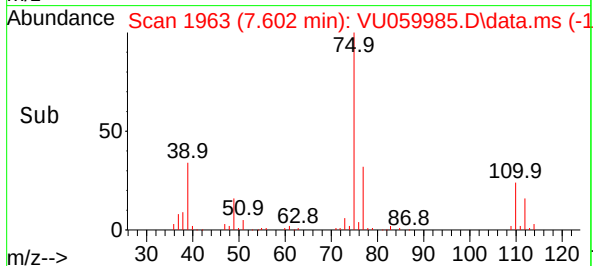
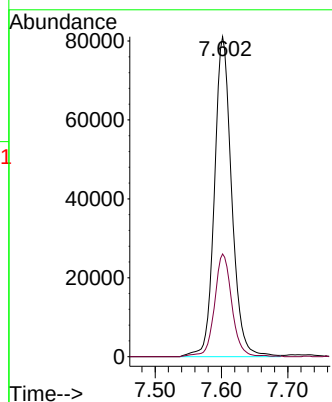
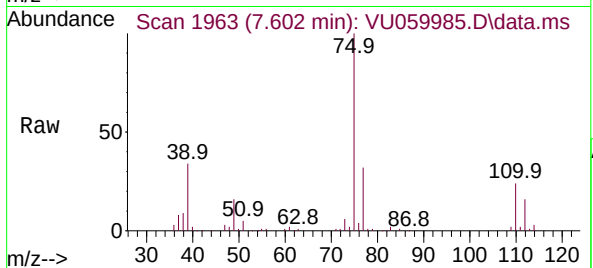




#39
cis-1,3-Dichloropropene
Concen: 51.239 ug/L
RT: 7.602 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VU059985.D
Acq: 17 Jul 2024 10:54

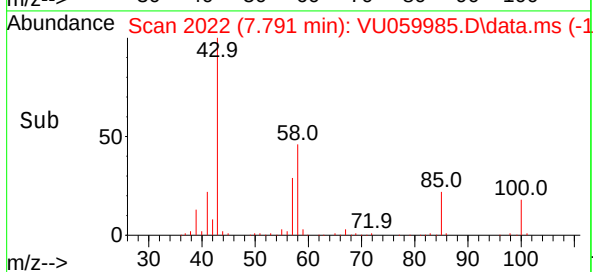
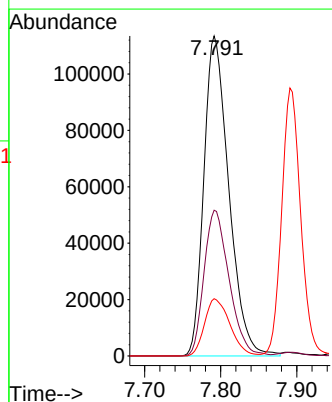
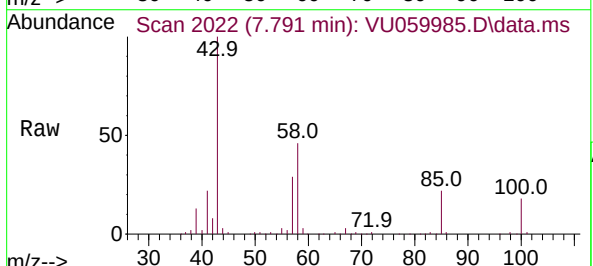
Instrument :
MSVOA_U
ClientSampleId :

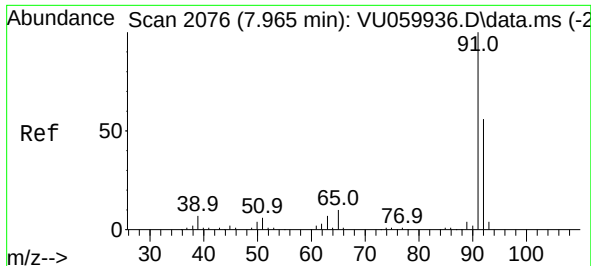
Tgt Ion: 75 Resp: 146756
Ion Ratio Lower Upper
75 100
77 32.1 21.6 40.2



#40
4-Methyl-2-pentanone
Concen: 109.388 ug/L
RT: 7.791 min Scan# 2022
Delta R.T. 0.006 min
Lab File: VU059985.D
Acq: 17 Jul 2024 10:54

Tgt Ion: 43 Resp: 258814
Ion Ratio Lower Upper
43 100
58 45.7 35.3 52.9
100 18.2 14.6 22.0





#42

Toluene

Concen: 53.239 ug/L

RT: 7.962 min Scan# 2076

Delta R.T. -0.003 min

Lab File: VU059985.D

Acq: 17 Jul 2024 10:54

Instrument :

MSVOA_U

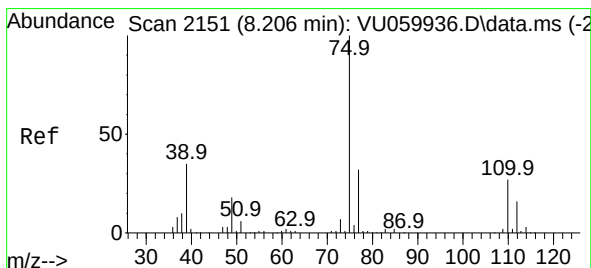
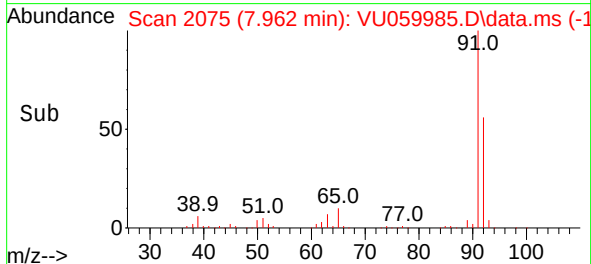
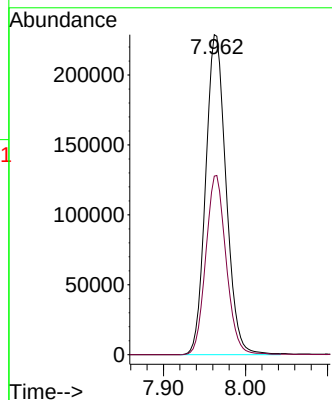
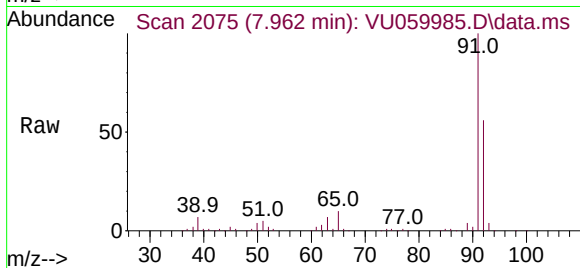
ClientSampleId :

Tgt Ion: 91 Resp: 395282

Ion Ratio Lower Upper

91 100

92 55.8 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 52.226 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU059985.D

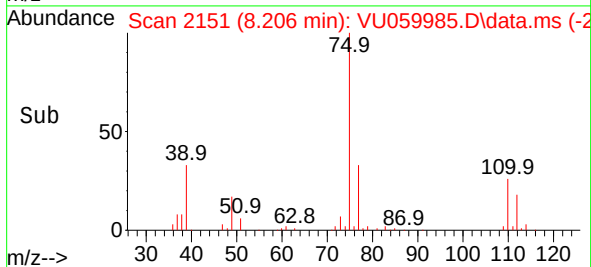
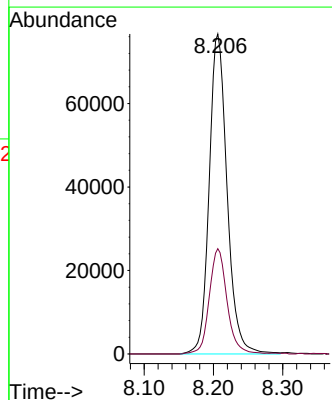
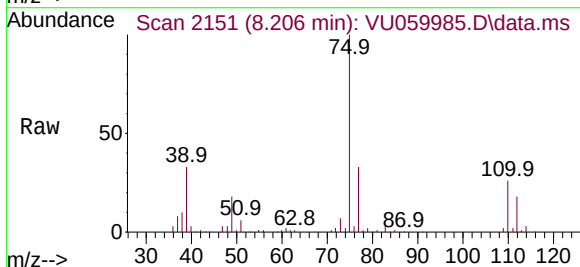
Acq: 17 Jul 2024 10:54

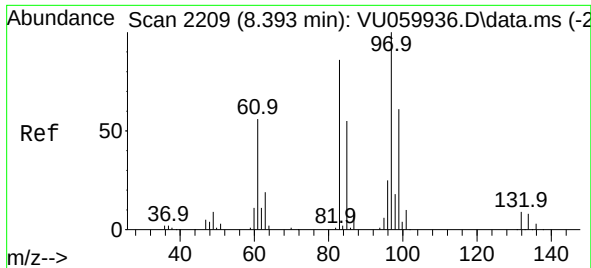
Tgt Ion: 75 Resp: 137400

Ion Ratio Lower Upper

75 100

77 32.9 21.7 40.3

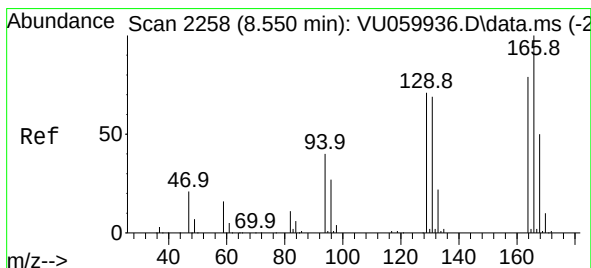
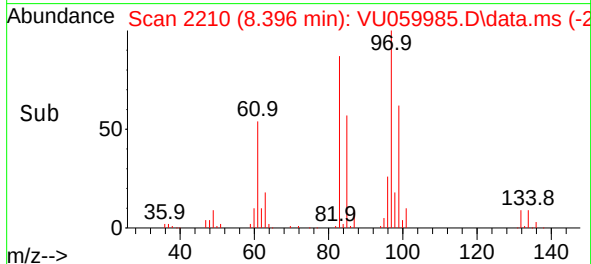
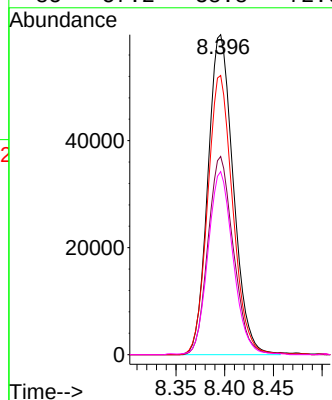
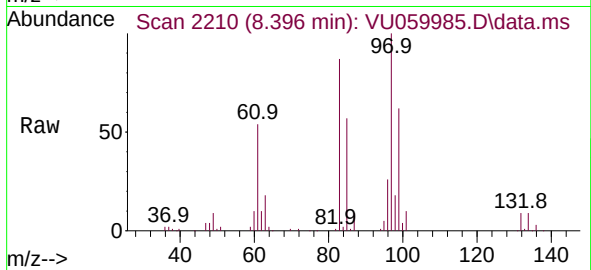




#45
1,1,2-Trichloroethane
Concen: 55.351 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.003 min
Lab File: VU059985.D
Acq: 17 Jul 2024 10:54

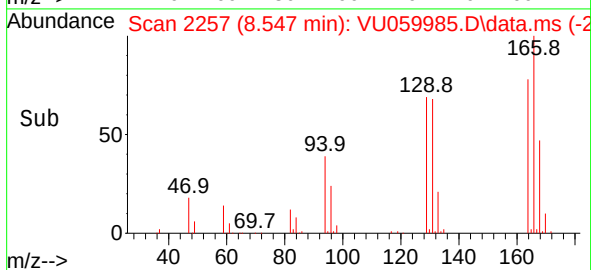
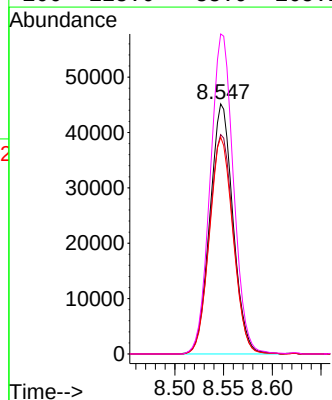
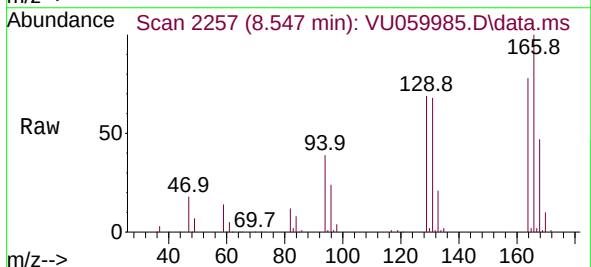
Instrument :
MSVOA_U
ClientSampleId :

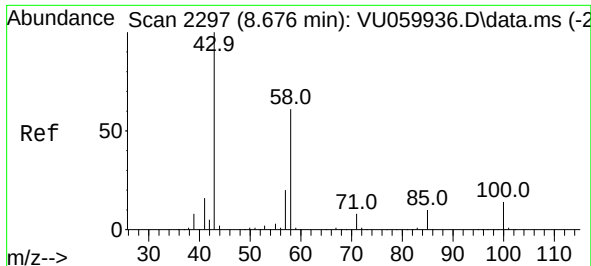
Tgt Ion:	97	Resp:	108517
Ion	Ratio	Lower	Upper
97	100		
99	62.0	43.1	80.1
83	87.3	60.4	112.2
85	57.2	38.8	72.0



#46
Tetrachloroethene
Concen: 49.992 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU059985.D
Acq: 17 Jul 2024 10:54

Tgt Ion:	164	Resp:	74641
Ion	Ratio	Lower	Upper
164	100		
129	87.7	62.7	116.5
131	86.7	62.3	115.7
166	128.0	88.9	165.1

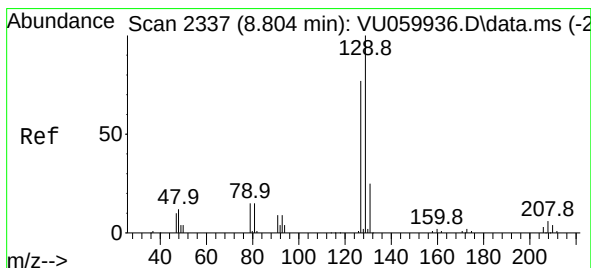
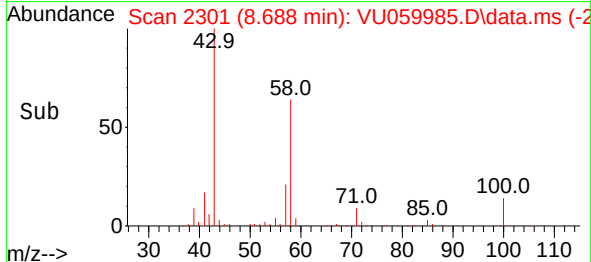
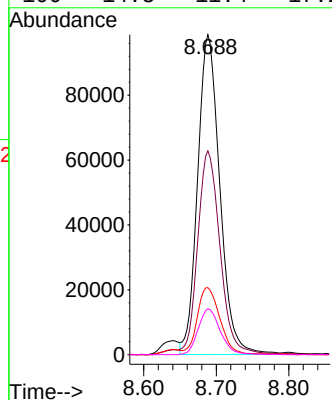
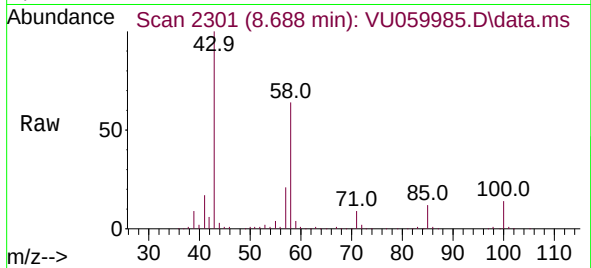




#48
2-Hexanone
Concen: 106.297 ug/L
RT: 8.688 min Scan# 2301
Delta R.T. 0.013 min
Lab File: VU059985.D
Acq: 17 Jul 2024 10:54

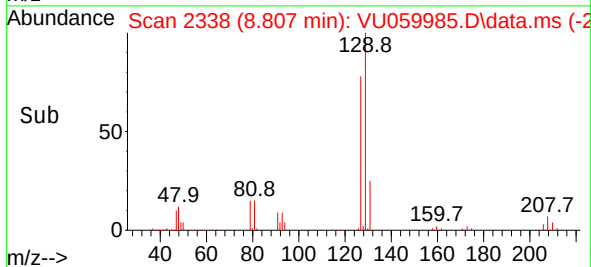
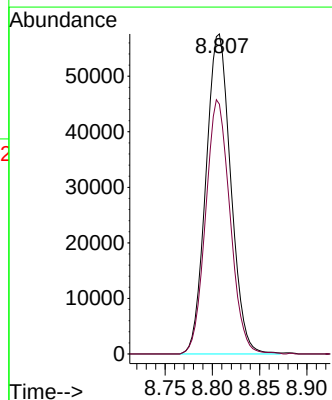
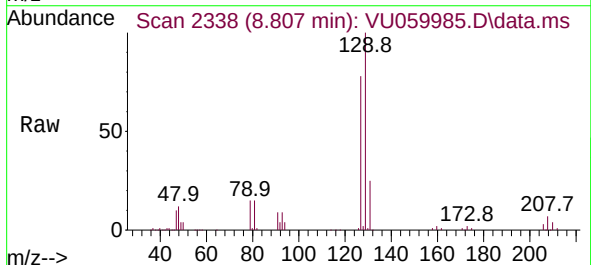
Instrument :
MSVOA_U
ClientSampleId :

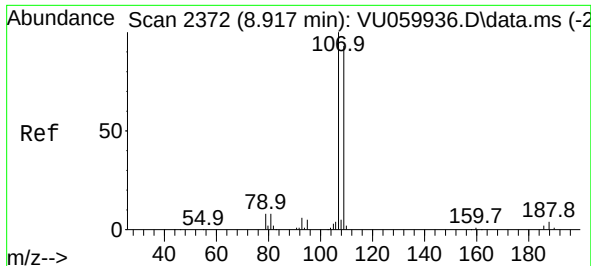
Tgt Ion:	43	Resp:	210488
Ion	Ratio	Lower	Upper
43	100		
58	63.8	49.0	73.6
57	21.2	16.7	25.1
100	14.3	11.4	17.2



#49
Dibromochloromethane
Concen: 54.548 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. 0.003 min
Lab File: VU059985.D
Acq: 17 Jul 2024 10:54

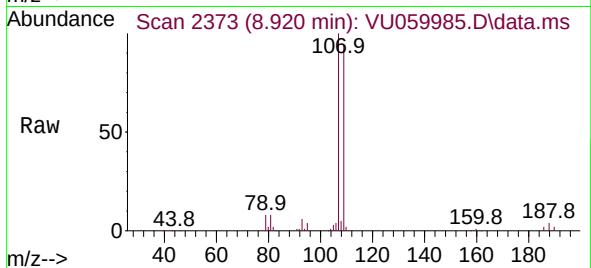
Tgt Ion:	129	Resp:	105369
Ion	Ratio	Lower	Upper
129	100		
127	78.1	54.0	100.2



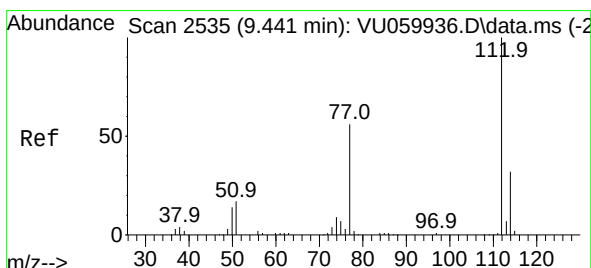
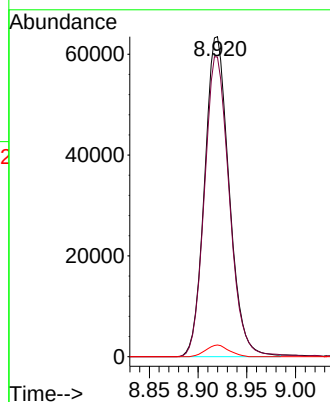
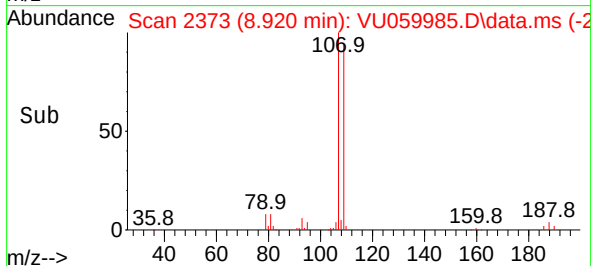


#50
1,2-Dibromoethane
Concen: 54.250 ug/L
RT: 8.920 min Scan# 24
Delta R.T. 0.003 min
Lab File: VU059985.D
Acq: 17 Jul 2024 10:54

Instrument :
MSVOA_U
ClientSampleId :

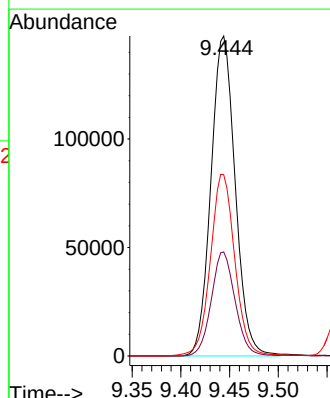
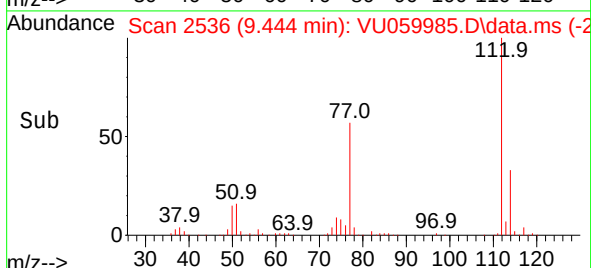
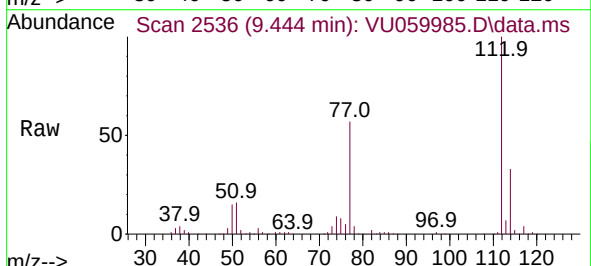


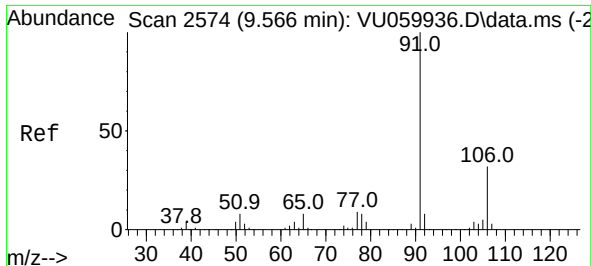
Tgt Ion:107 Resp: 111204
Ion Ratio Lower Upper
107 100
109 93.6 65.5 121.6
188 3.7 3.0 4.4



#51
Chlorobenzene
Concen: 51.792 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU059985.D
Acq: 17 Jul 2024 10:54

Tgt Ion:112 Resp: 255287
Ion Ratio Lower Upper
112 100
114 32.5 22.7 42.3
77 56.6 45.8 68.6

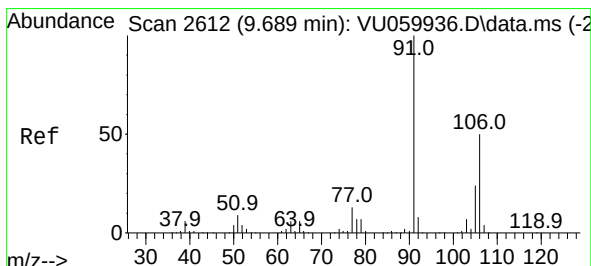
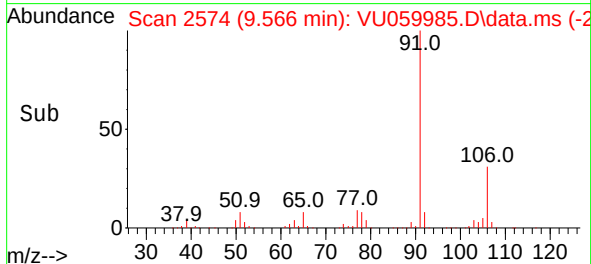
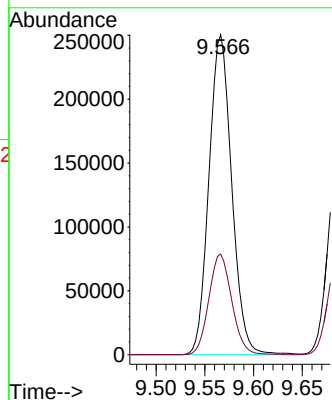
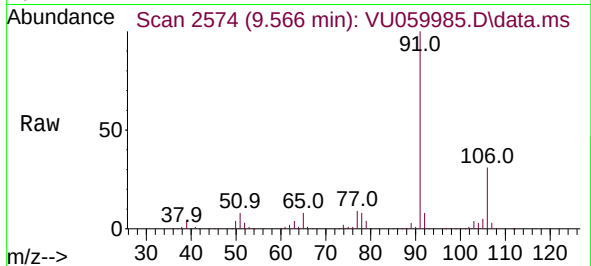




#52
Ethylbenzene
Concen: 51.195 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. -0.000 min
Lab File: VU059985.D
Acq: 17 Jul 2024 10:54

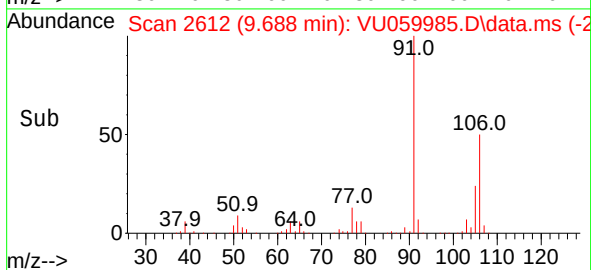
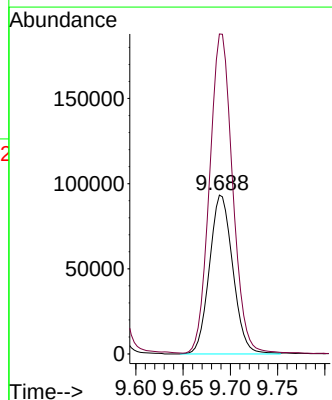
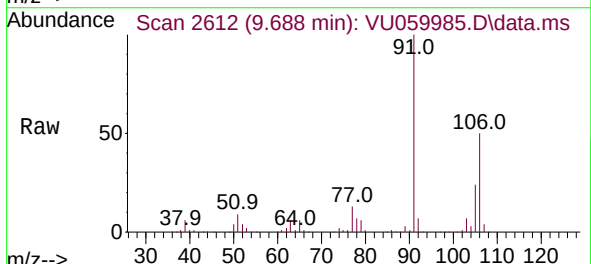
Instrument :
MSVOA_U
ClientSampleId :

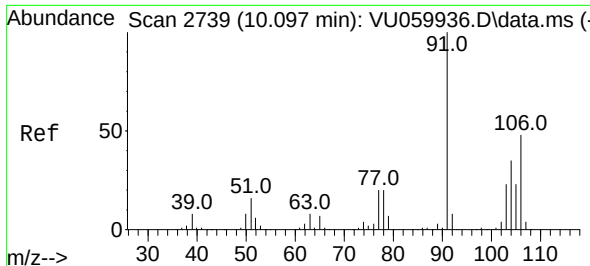
Tgt Ion: 91 Resp: 405919
Ion Ratio Lower Upper
91 100
106 31.4 22.4 41.6



#53
m,p-Xylene
Concen: 51.948 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU059985.D
Acq: 17 Jul 2024 10:54

Tgt Ion:106 Resp: 160371
Ion Ratio Lower Upper
106 100
91 201.4 140.9 261.7

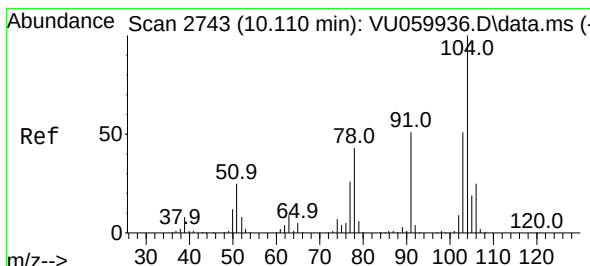
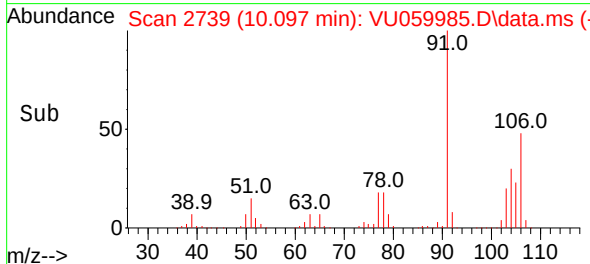
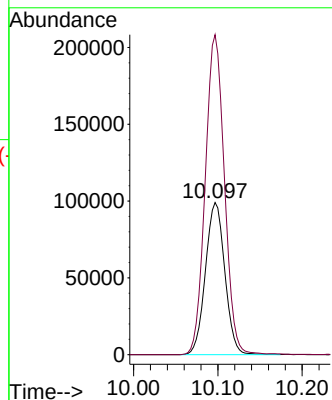
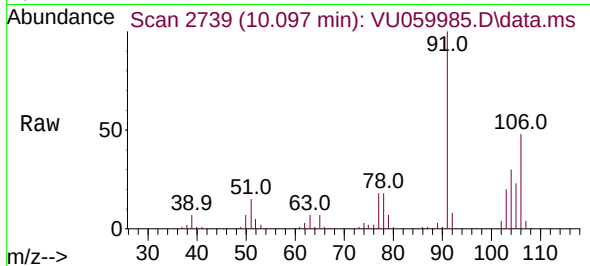




#54
o-Xylene
Concen: 53.495 ug/L
RT: 10.097 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU059985.D
Acq: 17 Jul 2024 10:54

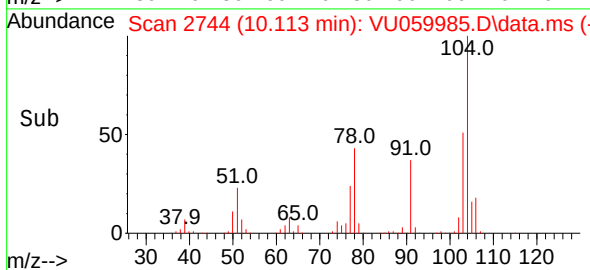
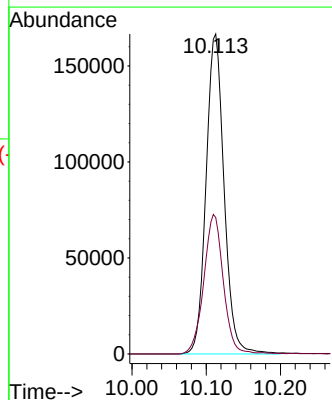
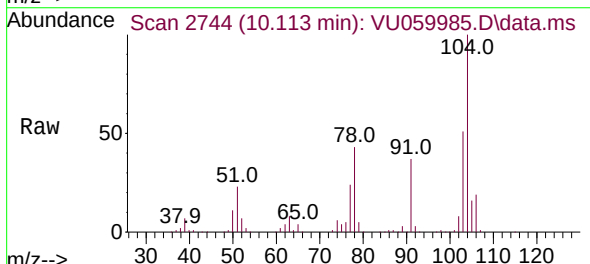
Instrument :
MSVOA_U
ClientSampleId :

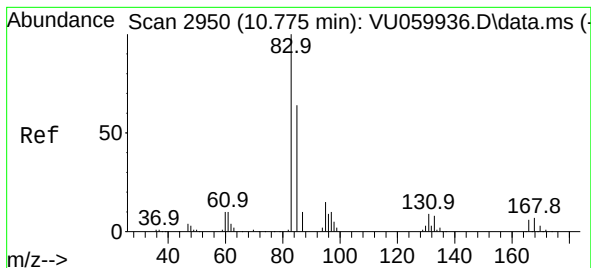
Tgt Ion:106 Resp: 158809
Ion Ratio Lower Upper
106 100
91 210.2 147.4 273.8



#55
Styrene
Concen: 56.025 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.003 min
Lab File: VU059985.D
Acq: 17 Jul 2024 10:54

Tgt Ion:104 Resp: 280596
Ion Ratio Lower Upper
104 100
78 42.6 30.9 57.5





#57

1,1,2,2-Tetrachloroethane

Concen: 57.371 ug/L

RT: 10.778 min Scan# 2950

Delta R.T. 0.003 min

Lab File: VU059985.D

Acq: 17 Jul 2024 10:54

Instrument :

MSVOA_U

ClientSampleId :

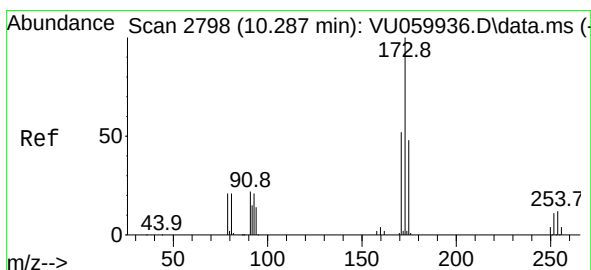
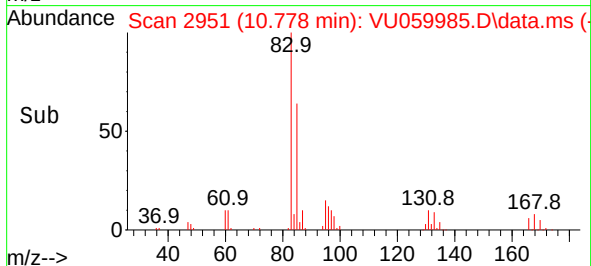
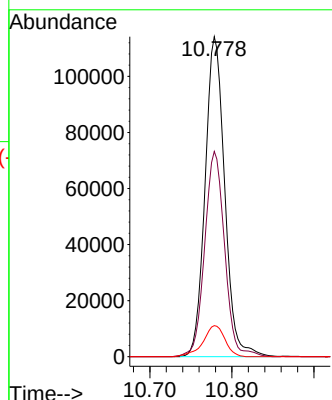
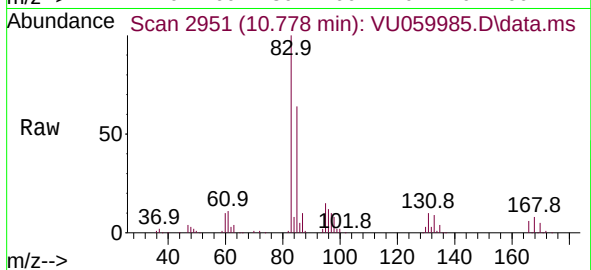
Tgt Ion: 83 Resp: 189678

Ion Ratio Lower Upper

83 100

85 64.2 45.4 84.2

131 9.7 7.5 11.3



#59

Bromoform

Concen: 56.788 ug/L

RT: 10.290 min Scan# 2799

Delta R.T. 0.003 min

Lab File: VU059985.D

Acq: 17 Jul 2024 10:54

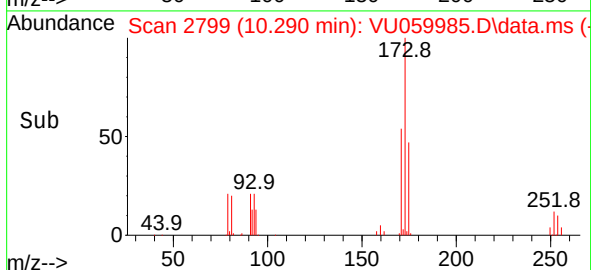
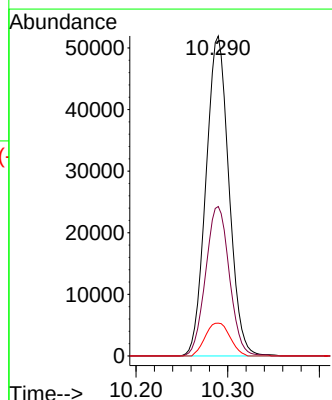
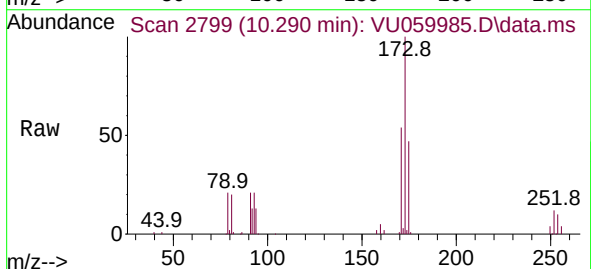
Tgt Ion:173 Resp: 90345

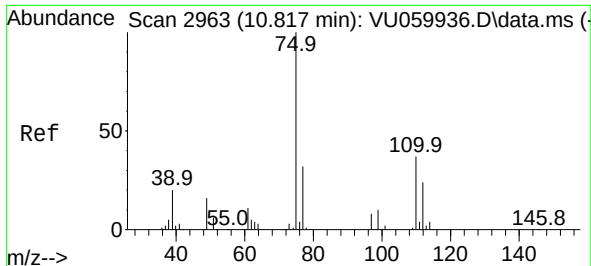
Ion Ratio Lower Upper

173 100

175 48.3 39.4 59.2

254 11.0 9.0 13.4





#60

1,2,3-Trichloropropane

Concen: 56.313 ug/L

RT: 10.820 min Scan# 2964

Delta R.T. 0.003 min

Lab File: VU059985.D

Acq: 17 Jul 2024 10:54

Instrument :

MSVOA_U

ClientSampleId :

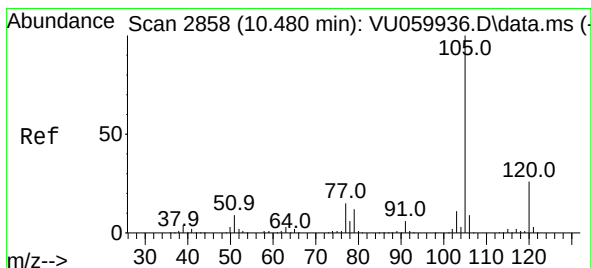
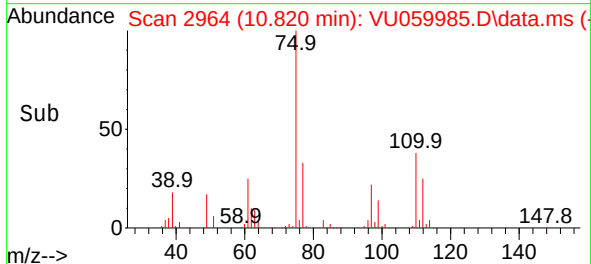
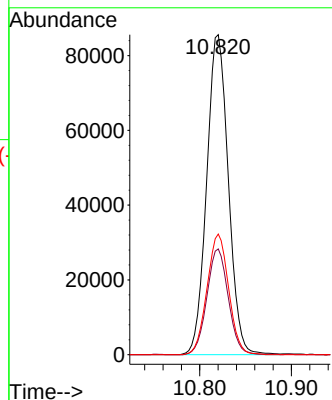
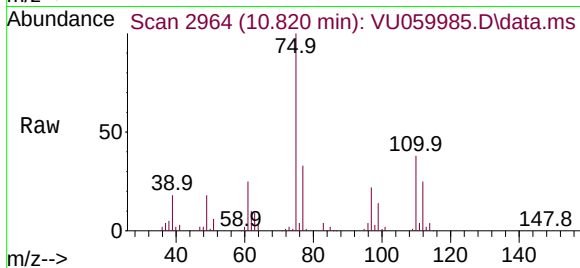
Tgt Ion: 75 Resp: 140618

Ion Ratio Lower Upper

75 100

77 32.6 25.5 38.3

110 37.6 30.7 46.1



#61

Isopropylbenzene

Concen: 53.795 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. -0.000 min

Lab File: VU059985.D

Acq: 17 Jul 2024 10:54

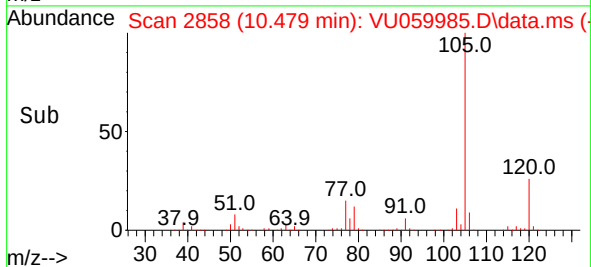
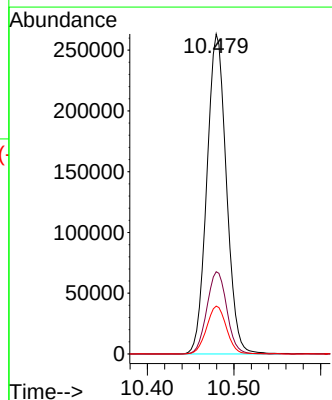
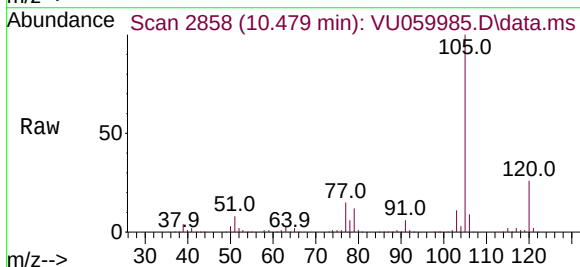
Tgt Ion:105 Resp: 412591

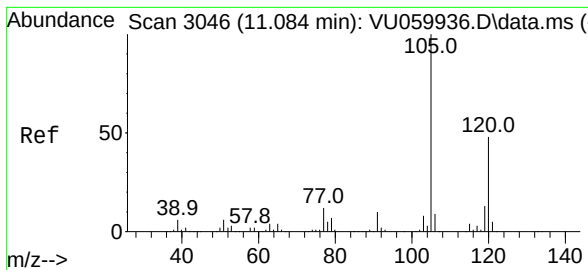
Ion Ratio Lower Upper

105 100

120 26.3 20.9 31.3

77 15.2 12.1 18.1

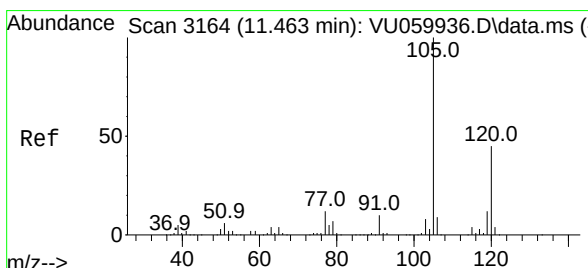
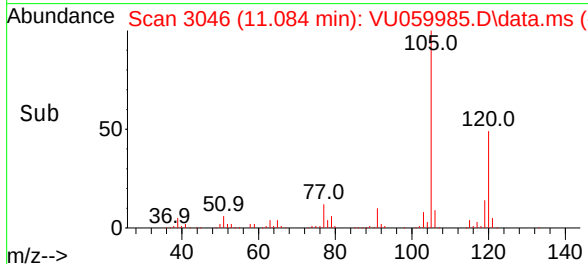
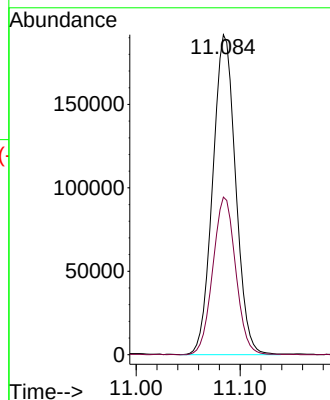
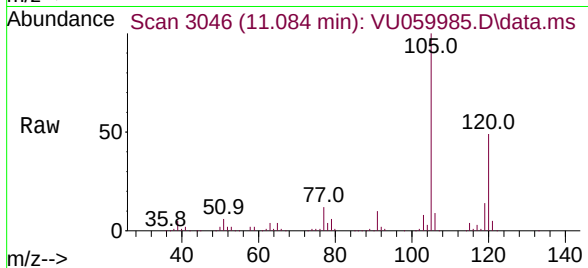




#62
 1,3,5-Trimethylbenzene
 Concen: 52.389 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. -0.000 min
 Lab File: VU059985.D
 Acq: 17 Jul 2024 10:54

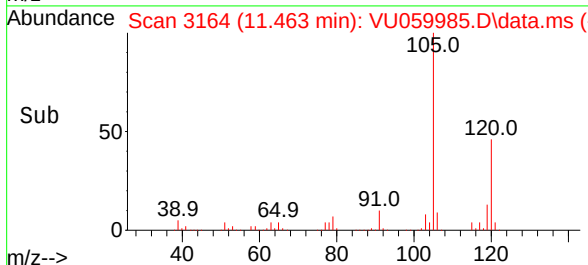
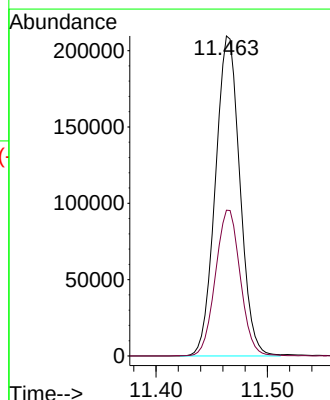
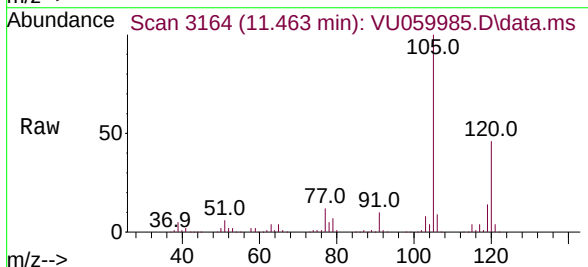
Instrument :
 MSVOA_U
 ClientSampleId :

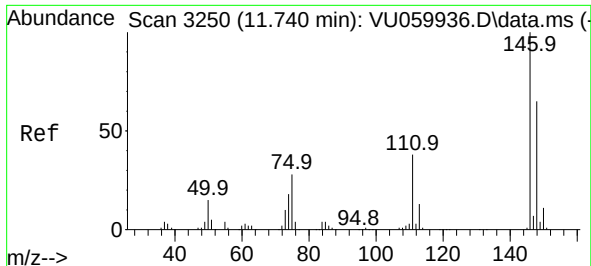
Tgt Ion:105 Resp: 294147
 Ion Ratio Lower Upper
 105 100
 120 49.1 39.5 59.3



#63
 1,2,4-Trimethylbenzene
 Concen: 53.271 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. -0.000 min
 Lab File: VU059985.D
 Acq: 17 Jul 2024 10:54

Tgt Ion:105 Resp: 320380
 Ion Ratio Lower Upper
 105 100
 120 46.1 37.0 55.6





#64

1,3-Dichlorobenzene

Concen: 52.187 ug/L

RT: 11.743 min Scan# 3250

Delta R.T. 0.003 min

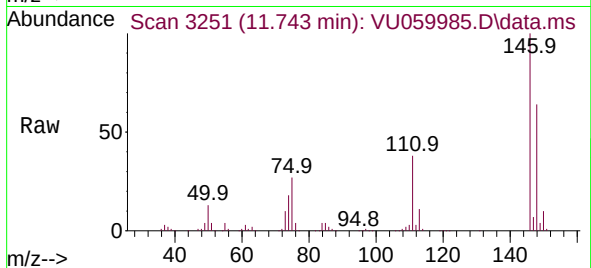
Lab File: VU059985.D

Acq: 17 Jul 2024 10:54

Instrument :

MSVOA_U

ClientSampleId :



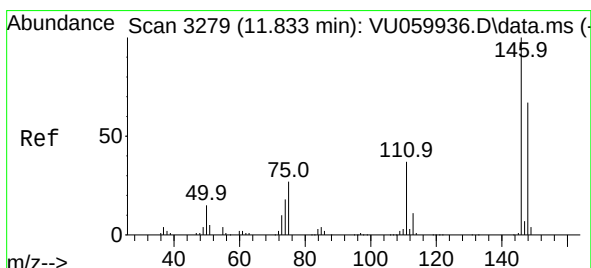
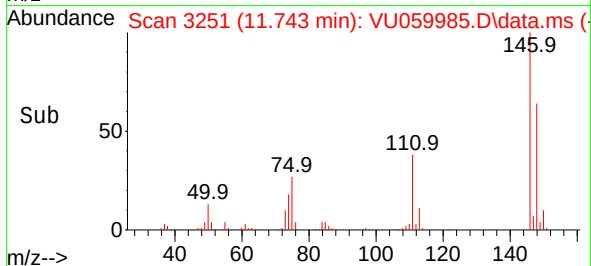
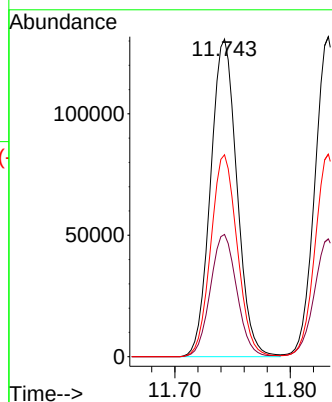
Tgt Ion:146 Resp: 207583

Ion Ratio Lower Upper

146 100

111 38.5 26.5 49.1

148 63.6 43.8 81.3



#65

1,4-Dichlorobenzene

Concen: 51.270 ug/L

RT: 11.833 min Scan# 3279

Delta R.T. -0.000 min

Lab File: VU059985.D

Acq: 17 Jul 2024 10:54

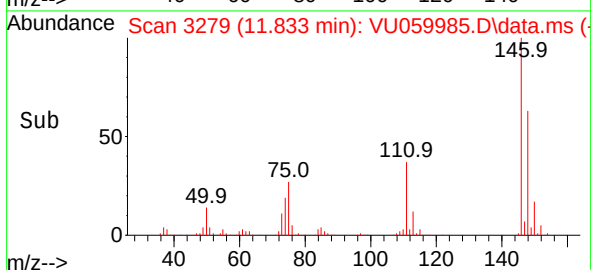
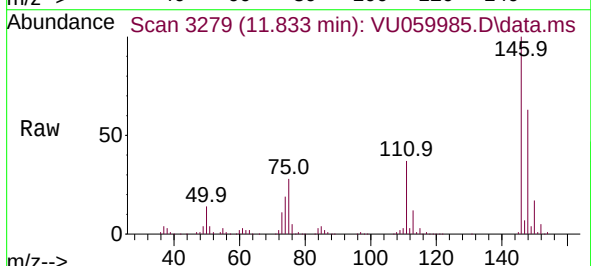
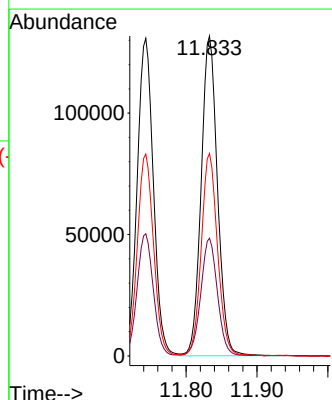
Tgt Ion:146 Resp: 210820

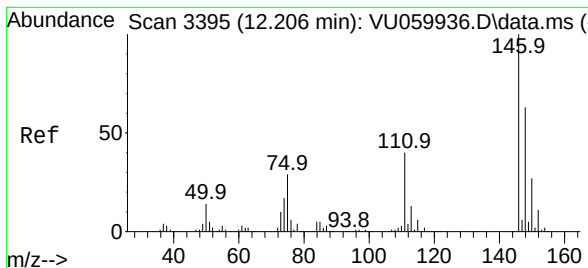
Ion Ratio Lower Upper

146 100

111 36.8 25.9 48.1

148 63.3 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 53.065 ug/L

RT: 12.209 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU059985.D

Acq: 17 Jul 2024 10:54

Instrument :

MSVOA_U

ClientSampleId :

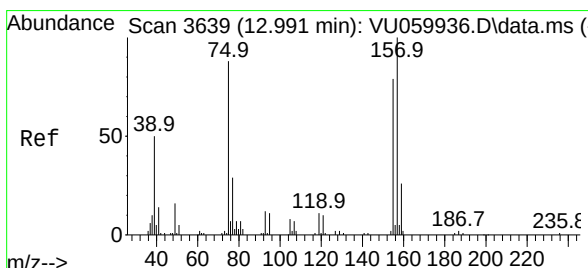
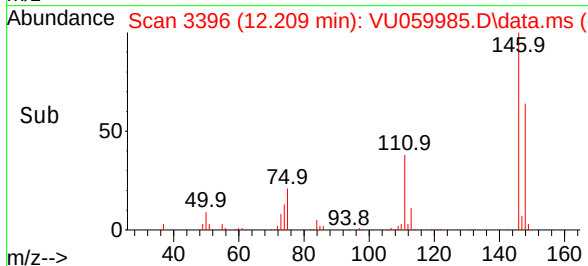
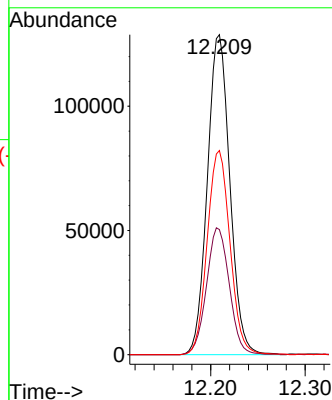
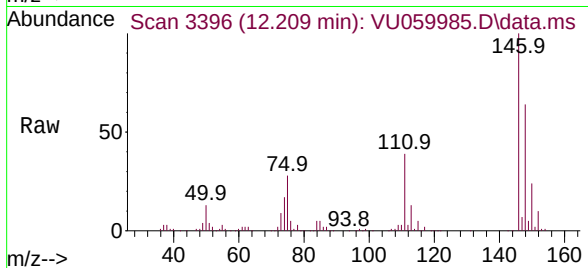
Tgt Ion:146 Resp: 213225

Ion Ratio Lower Upper

146 100

111 39.1 31.7 47.5

148 63.8 50.8 76.2



#68

1,2-Dibromo-3-chloropropane

Concen: 54.413 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU059985.D

Acq: 17 Jul 2024 10:54

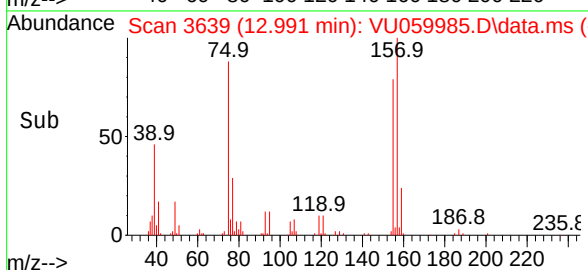
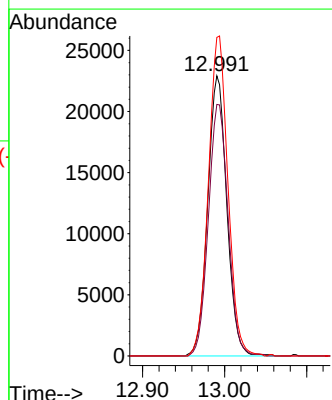
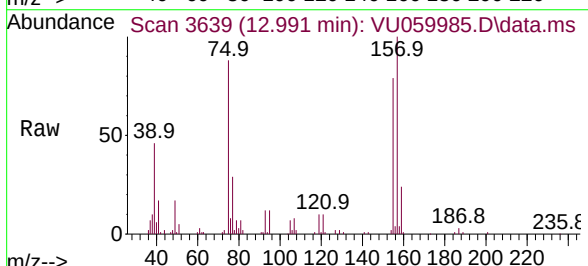
Tgt Ion: 75 Resp: 37159

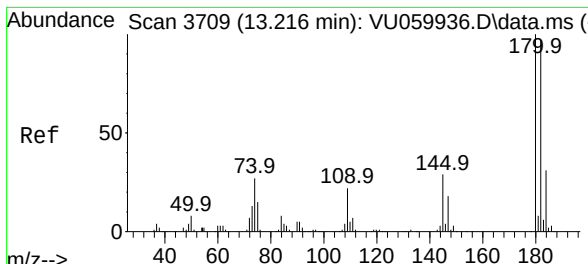
Ion Ratio Lower Upper

75 100

155 89.7 73.5 110.3

157 113.7 93.5 140.3

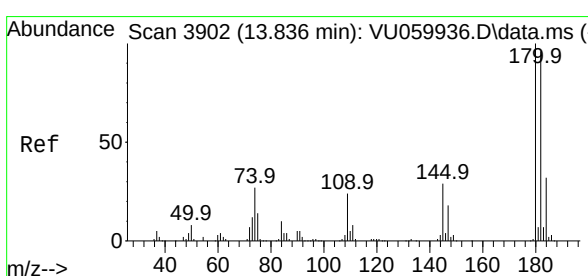
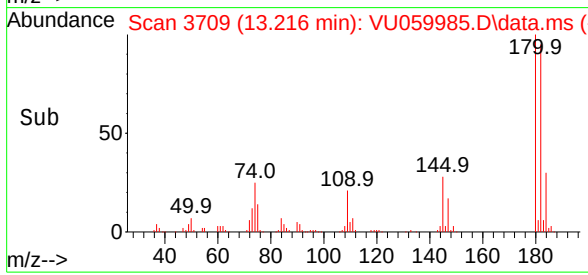
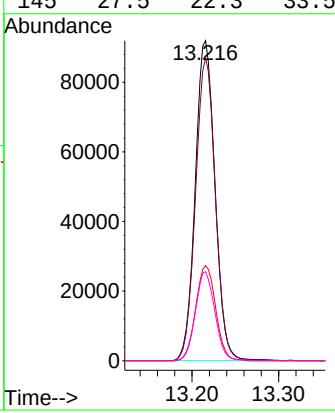
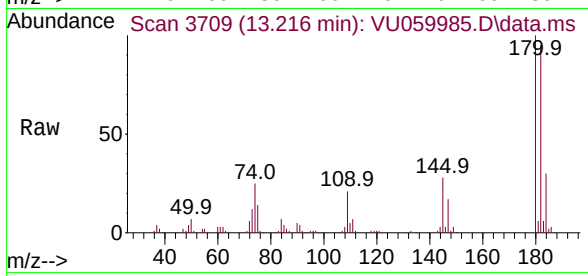




#69
 1,3,5-Trichlorobenzene
 Concen: 50.736 ug/L
 RT: 13.216 min Scan# 3709
 Delta R.T. -0.000 min
 Lab File: VU059985.D
 Acq: 17 Jul 2024 10:54

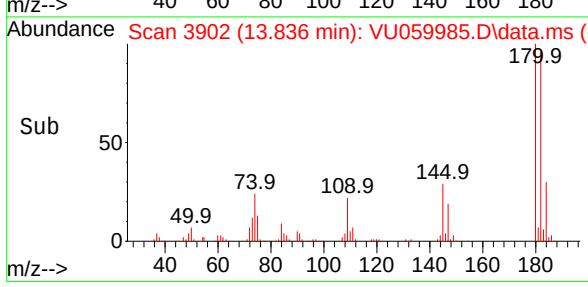
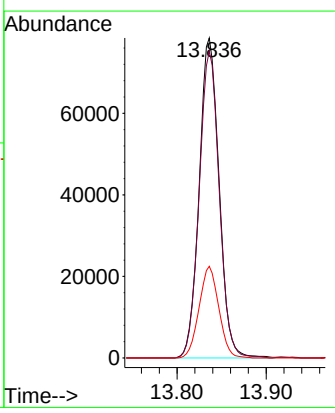
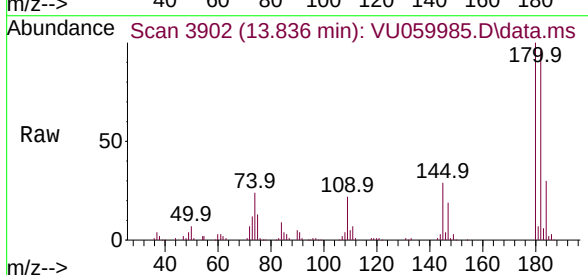
Instrument :
 MSVOA_U
 ClientSampleId :

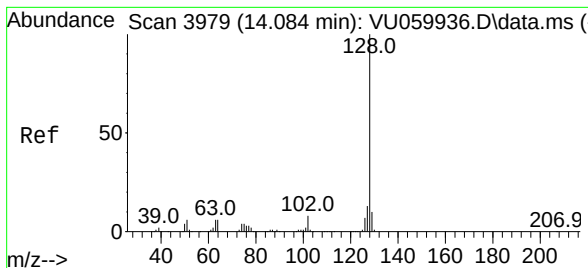
Tgt Ion:180	Resp:	145503
Ion Ratio	Lower	Upper
180	100	
182	94.9	75.8 113.8
184	29.9	24.7 37.1
145	27.5	22.3 33.5



#70
 1,2,4-trichlorobenzene
 Concen: 47.206 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. -0.000 min
 Lab File: VU059985.D
 Acq: 17 Jul 2024 10:54

Tgt Ion:180	Resp:	122019
Ion Ratio	Lower	Upper
180	100	
182	96.1	76.4 114.6
145	28.3	23.0 34.4





#71

Naphthalene

Concen: 51.035 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. -0.000 min MSVOA_U

Lab File: VU059985.D

Acq: 17 Jul 2024 10:54

Instrument :

MSVOA_U

ClientSampleId :

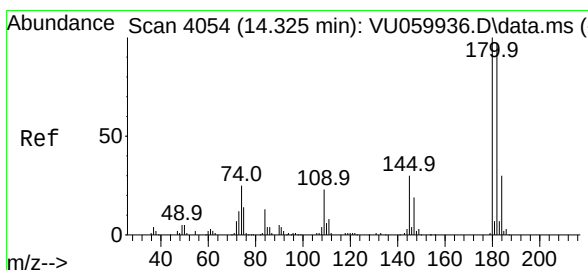
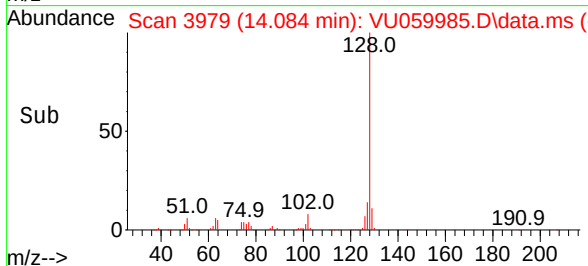
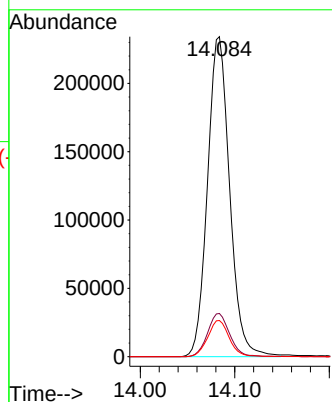
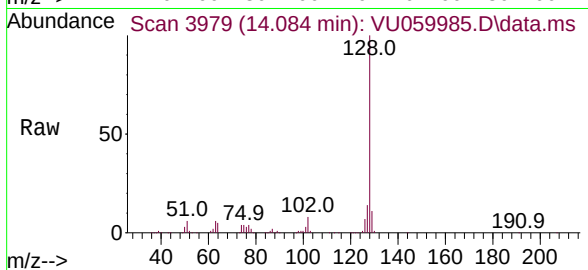
Tgt Ion:128 Resp: 381221

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

129 11.0 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 50.095 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU059985.D

Acq: 17 Jul 2024 10:54

Tgt Ion:180 Resp: 129915

Ion Ratio Lower Upper

180 100

182 96.2 75.8 113.8

145 30.6 24.5 36.7

