

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062524\
 Data File : VU059508.D
 Acq On : 26 Jun 2024 06:31
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 26 07:15:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 26 05:55:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	150828	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	153917	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	83280	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	42716	4.073	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.400%
7) Chloroethane-d5	1.907	69	44195	4.380	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	2.560	65	18858	4.334	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	4.618	46	103511	47.914	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.820%
24) Chloroform-d	5.055	84	101226	4.702	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.695	65	47094	4.542	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.721	84	200679	4.737	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	6.685	67	59310	4.569	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.891	98	186443	4.734	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	8.174	79	18422	4.532	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.627	63	90449	53.557	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.120%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	51427	4.795	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	67823	4.576	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.600%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.380	85	63099	4.937	ug/L	98
3) Chloromethane	1.518	50	67620	4.916	ug/L	100
5) Vinyl chloride	1.602	62	77459	5.098	ug/L	99
6) Bromomethane	1.853	94	51647	4.888	ug/L	99
8) Chloroethane	1.930	64	48185	5.263	ug/L	100
9) Trichlorofluoromethane	2.132	101	96062	5.252	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	58327	5.037	ug/L	92
12) 1,1-Dichloroethene	2.573	96	55089	5.150	ug/L	87
13) Acetone	2.631	43	68990	49.230	ug/L	91
14) Carbon disulfide	2.785	76	176224	4.938	ug/L	100
15) Methyl Acetate	2.949	43	19118	5.170	ug/L #	88
16) Methylene chloride	3.036	84	66624	5.256	ug/L	90
17) Methyl tert-butyl Ether	3.354	73	121454	5.269	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	57679	5.185	ug/L	89
19) 1,1-Dichloroethane	3.859	63	108953	5.311	ug/L	98
21) 2-Butanone	4.698	43	117815	52.415	ug/L	90
22) cis-1,2-Dichloroethene	4.657	96	64816	5.286	ug/L	92
23) Bromochloromethane	4.965	128	30074	5.380	ug/L	87
25) Chloroform	5.081	83	114630	5.305	ug/L	99

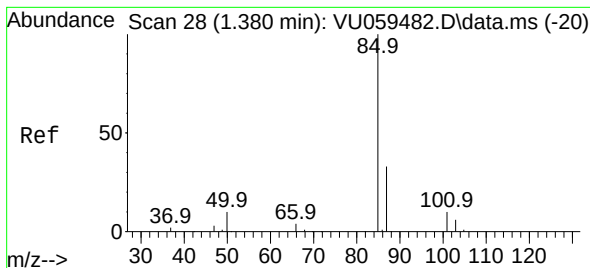
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062524\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	68913	5.263	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	92185	5.186	ug/L	97
30) Cyclohexane	5.380	56	80938	5.158	ug/L	96
31) Carbon tetrachloride	5.515	117	78428	5.270	ug/L	100
33) Benzene	5.766	78	252959	5.412	ug/L	100
34) Trichloroethene	6.534	95	65645	5.186	ug/L	96
35) Methylcyclohexane	6.756	83	87373	4.851	ug/L	95
37) 1,2-Dichloropropane	6.782	63	64280	5.314	ug/L #	98
38) Bromodichloromethane	7.097	83	78714	5.213	ug/L #	93
39) cis-1,3-Dichloropropene	7.602	75	81715	4.940	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	305687	54.540	ug/L	96
42) Toluene	7.962	91	273659	5.530	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	66571	5.014	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	48733	5.467	ug/L	98
47) Tetrachloroethene	8.547	164	51934	5.287	ug/L	94
48) 2-Hexanone	8.676	43	217134	54.282	ug/L #	93
49) Dibromochloromethane	8.804	129	52460	5.313	ug/L	99
50) 1,2-Dibromoethane	8.917	107	44246	5.375	ug/L	96
51) Chlorobenzene	9.441	112	167132	5.325	ug/L	97
52) Ethylbenzene	9.563	91	272046	5.359	ug/L	97
53) m,p-Xylene	9.688	106	105567	5.415	ug/L	97
54) o-Xylene	10.094	106	100471	5.430	ug/L	97
55) Styrene	10.110	104	177078	5.622	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	59683	5.520	ug/L	99
59) Bromoform	10.283	173	32797	5.146	ug/L	97
60) Isopropylbenzene	10.476	105	264364	5.139	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	39893	5.184	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	200604	4.922	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	199440	5.118	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	132733	5.073	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	134388	4.990	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	126157	5.123	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	8823	5.878	ug/L	92
69) 1,3,5-Trichlorobenzene	13.212	180	95190	4.915	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	75935	5.111	ug/L	99
71) Naphthalene	14.081	128	110607	5.201	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	71986	5.218	ug/L	98

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



#2

Dichlorodifluoromethane

Concen: 4.937 ug/L

RT: 1.380 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU059508.D

Acq: 26 Jun 2024 06:31

Instrument :

MSVOA_U

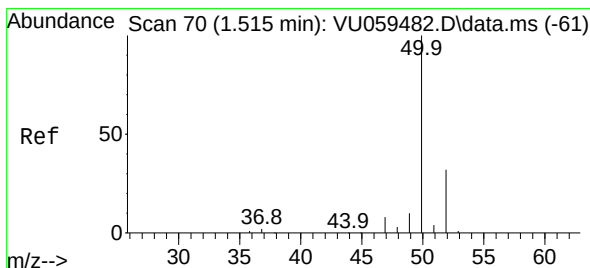
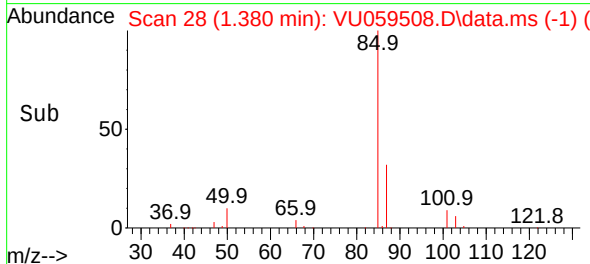
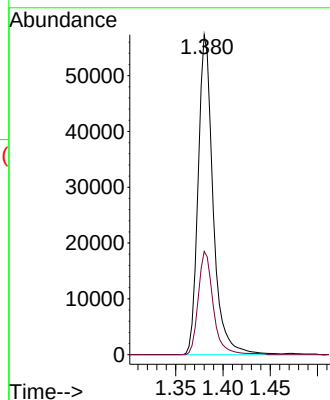
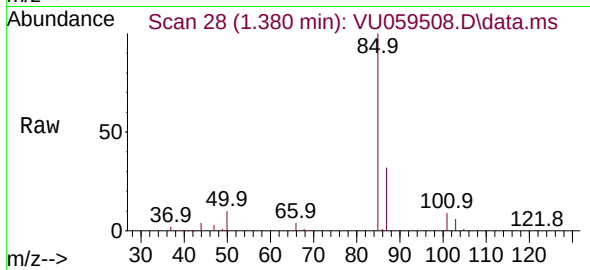
ClientSampleId :

Tgt Ion: 85 Resp: 63099

Ion Ratio Lower Upper

85 100

87 32.4 26.6 40.0



#3

Chloromethane

Concen: 4.916 ug/L

RT: 1.518 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU059508.D

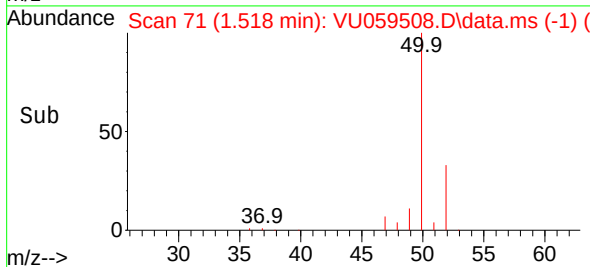
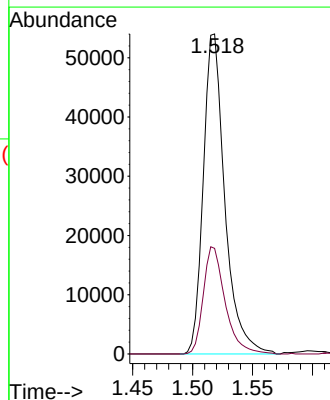
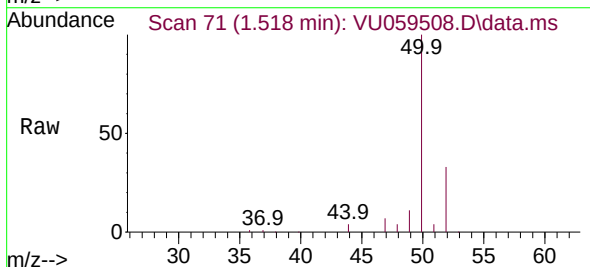
Acq: 26 Jun 2024 06:31

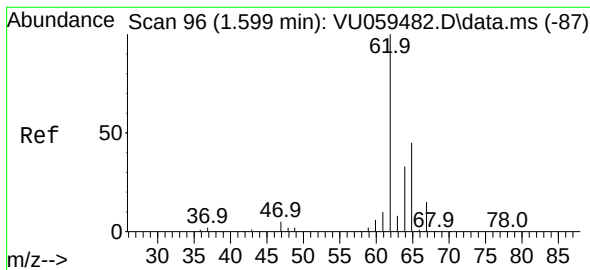
Tgt Ion: 50 Resp: 67620

Ion Ratio Lower Upper

50 100

52 33.0 23.2 43.0





#5

Vinyl chloride

Concen: 5.098 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.003 min

Lab File: VU059508.D

Acq: 26 Jun 2024 06:31

Instrument :

MSVOA_U

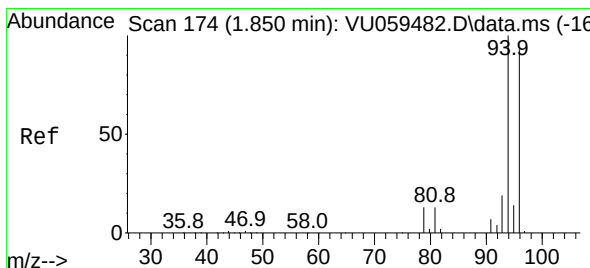
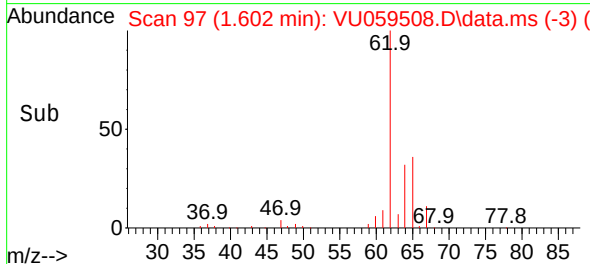
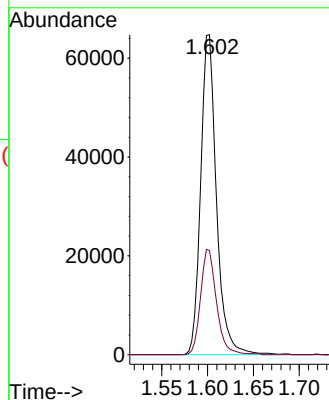
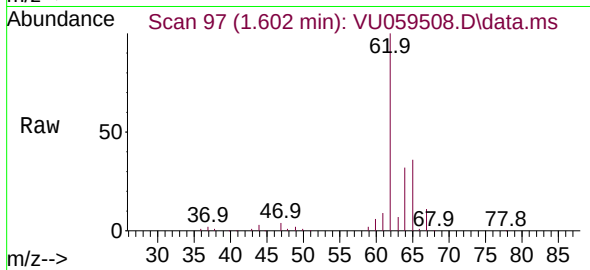
ClientSampleId :

Tgt Ion: 62 Resp: 77459

Ion Ratio Lower Upper

62 100

64 32.5 23.1 42.9



#6

Bromomethane

Concen: 4.888 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.003 min

Lab File: VU059508.D

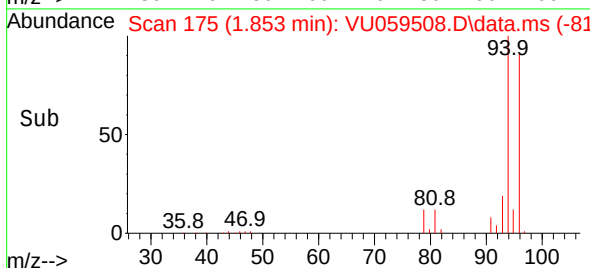
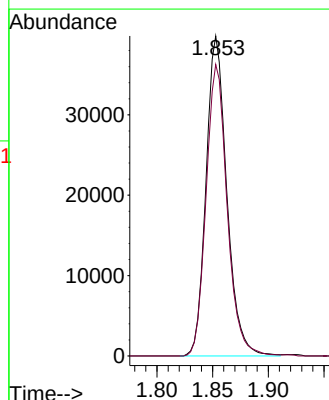
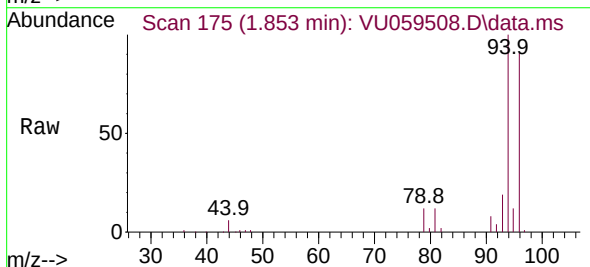
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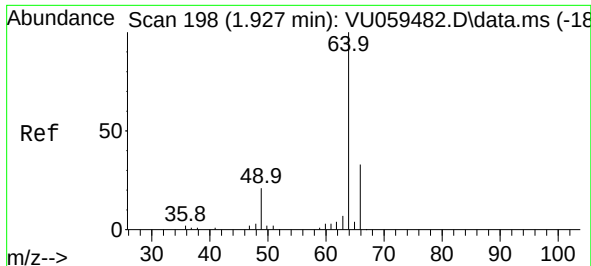
Tgt Ion: 94 Resp: 51647

Ion Ratio Lower Upper

94 100

96 91.1 62.9 116.9

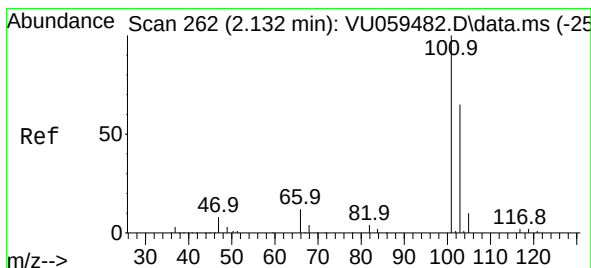
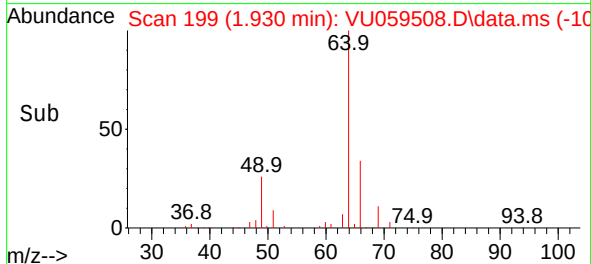
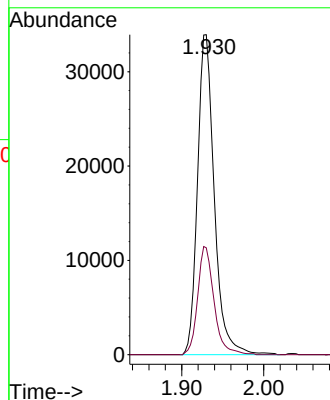
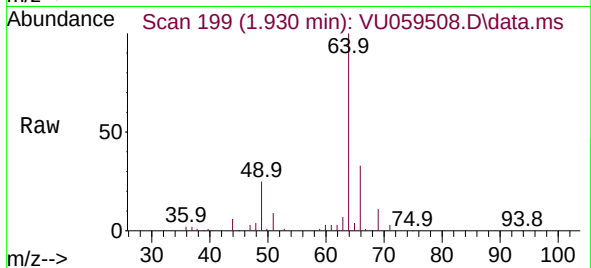




#8
Chloroethane
Concen: 5.263 ug/L
RT: 1.930 min Scan# 198
Delta R.T. 0.003 min
Lab File: VU059508.D
Acq: 26 Jun 2024 06:31

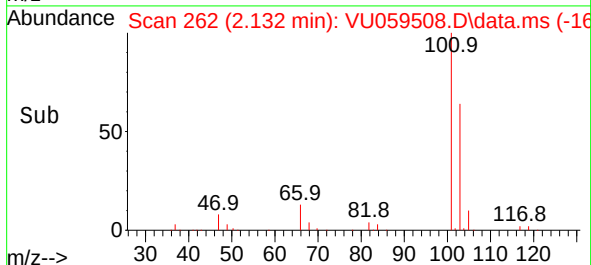
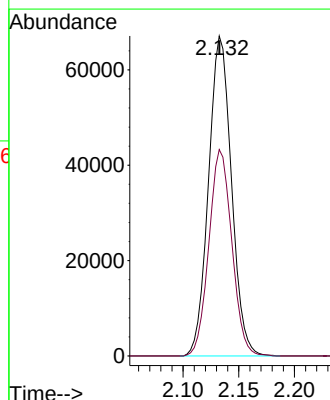
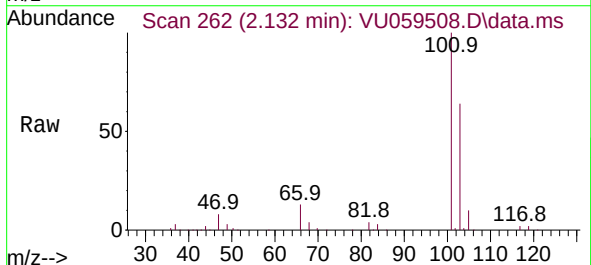
Instrument :
MSVOA_U
ClientSampleId :

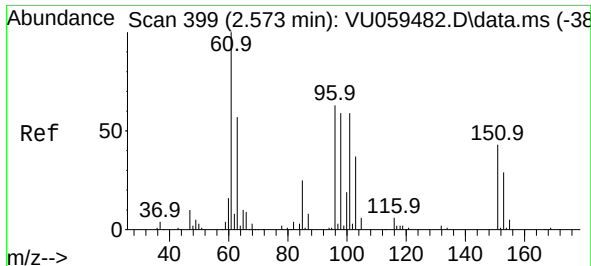
Tgt Ion: 64 Resp: 48185
Ion Ratio Lower Upper
64 100
66 33.4 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.252 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU059508.D
Acq: 26 Jun 2024 06:31

Tgt Ion:101 Resp: 96062
Ion Ratio Lower Upper
101 100
103 64.4 52.6 79.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.037 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU059508.D

Acq: 26 Jun 2024 06:31

Instrument :

MSVOA_U

ClientSampleId :

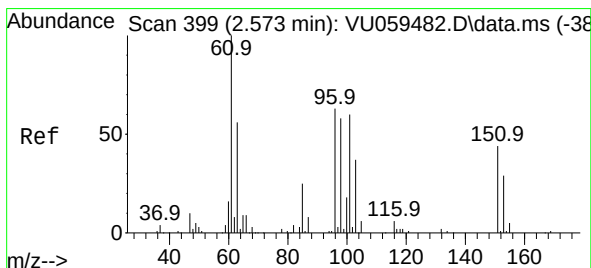
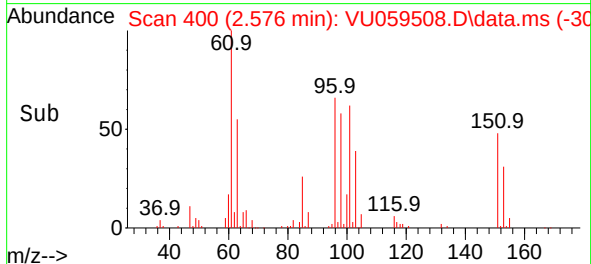
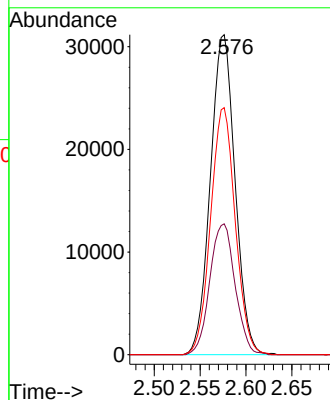
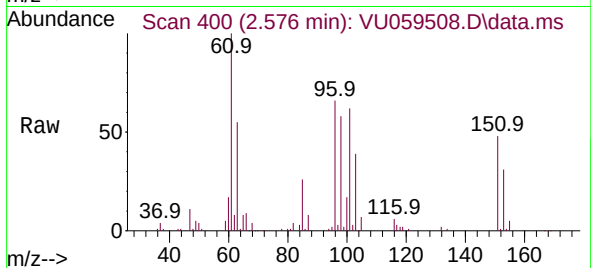
Tgt Ion:101 Resp: 58327

Ion Ratio Lower Upper

101 100

85 41.9 36.2 54.4

151 77.1 55.5 83.3



#12

1,1-Dichloroethene

Concen: 5.150 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU059508.D

Acq: 26 Jun 2024 06:31

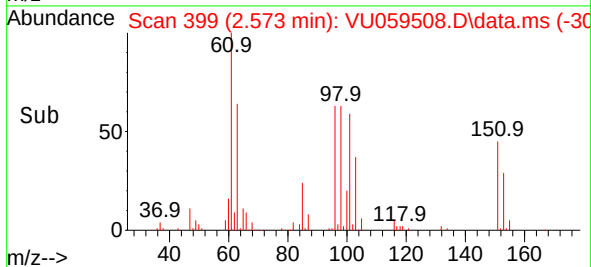
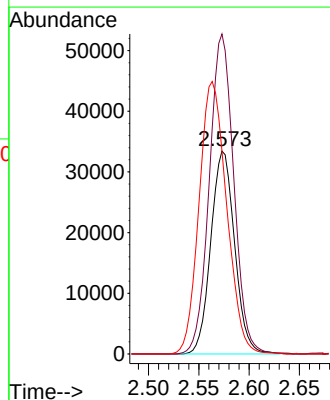
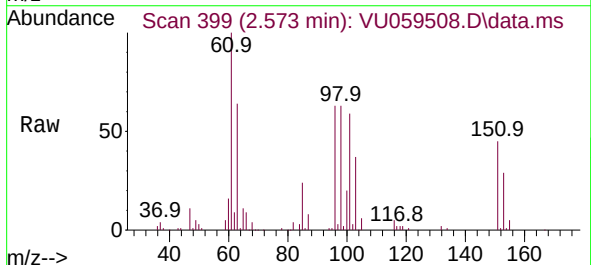
Tgt Ion: 96 Resp: 55089

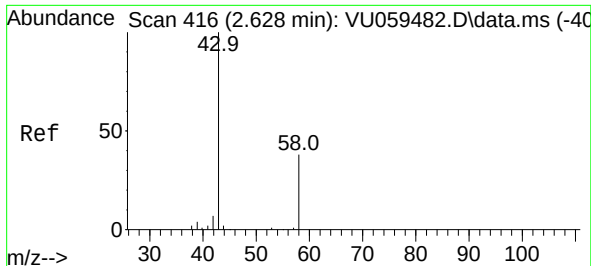
Ion Ratio Lower Upper

96 100

61 157.7 122.9 228.3

63 100.1 80.4 149.4





#13

Acetone

Concen: 49.230 ug/L

RT: 2.631 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU059508.D

Acq: 26 Jun 2024 06:31

Instrument :

MSVOA_U

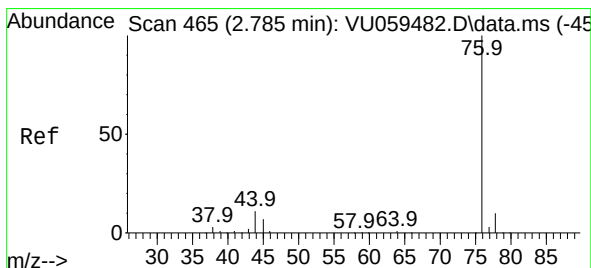
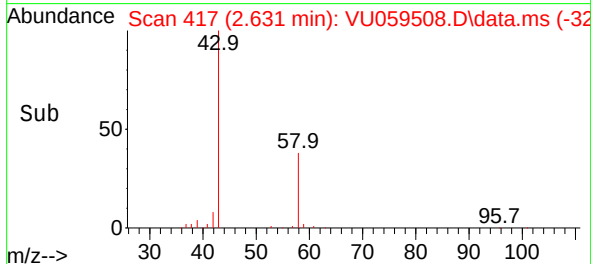
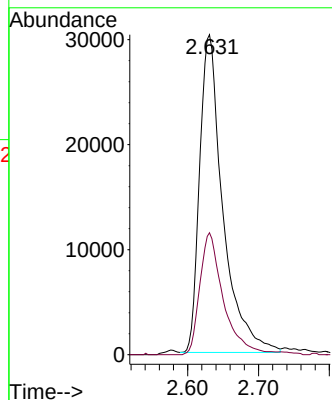
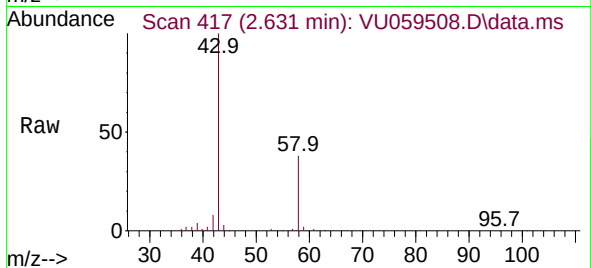
ClientSampleId :

Tgt Ion: 43 Resp: 68990

Ion Ratio Lower Upper

43 100

58 38.9 0.0 68.0



#14

Carbon disulfide

Concen: 4.938 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU059508.D

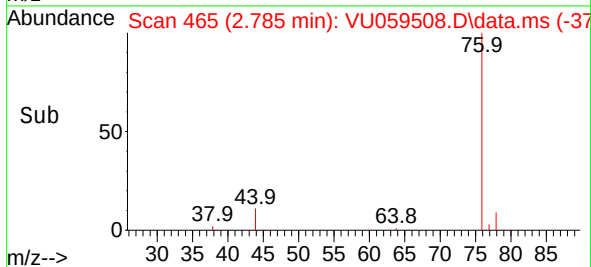
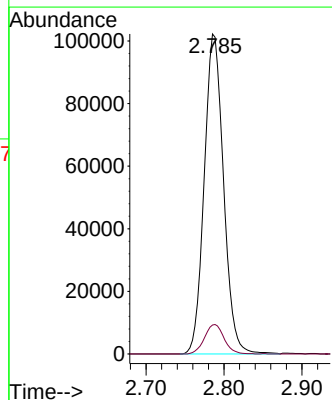
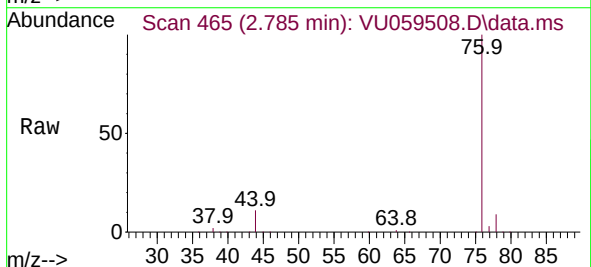
Acq: 26 Jun 2024 06:31

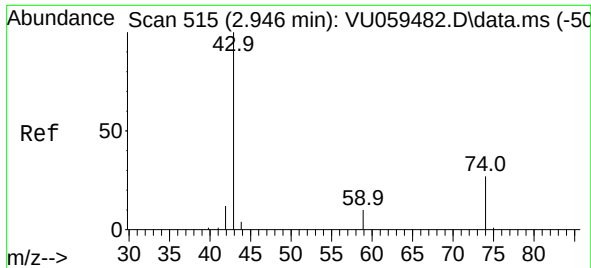
Tgt Ion: 76 Resp: 176224

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

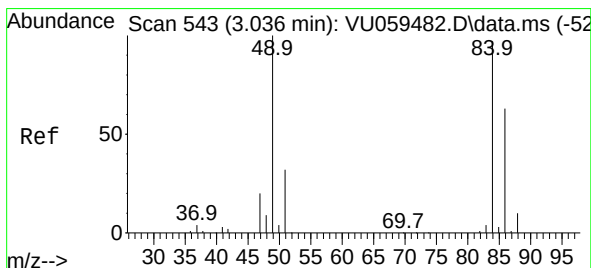
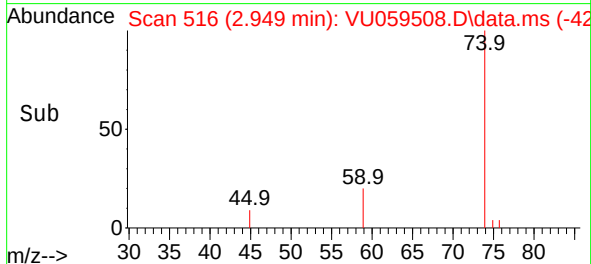
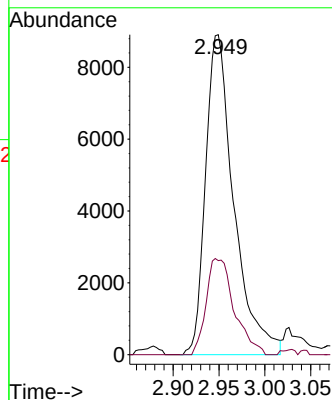
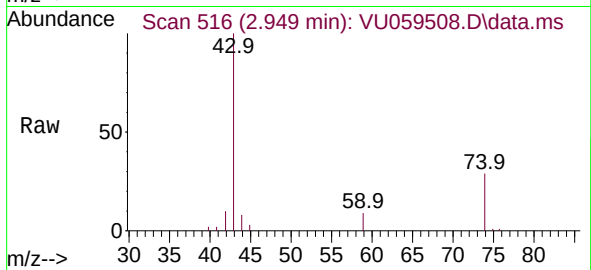




#15
Methyl Acetate
Concen: 5.170 ug/L
RT: 2.949 min Scan# 515
Delta R.T. 0.003 min
Lab File: VU059508.D
Acq: 26 Jun 2024 06:31

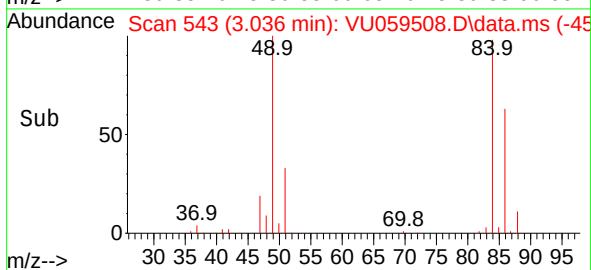
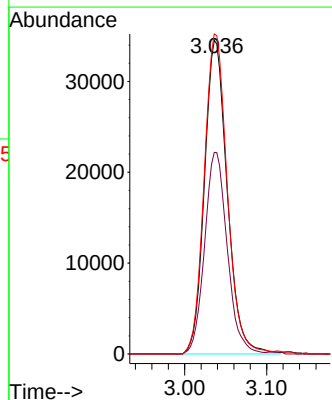
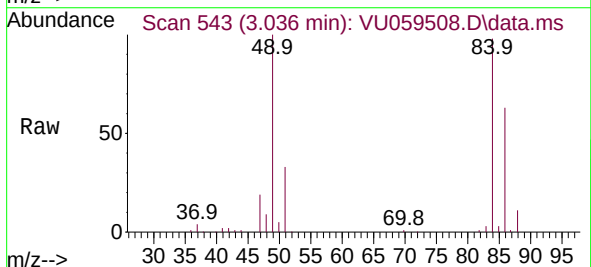
Instrument :
MSVOA_U
ClientSampleId :

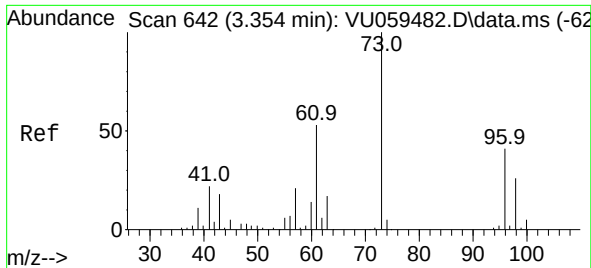
Tgt Ion: 43 Resp: 19118
Ion Ratio Lower Upper
43 100
74 29.7 19.2 28.8#



#16
Methylene chloride
Concen: 5.256 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU059508.D
Acq: 26 Jun 2024 06:31

Tgt Ion: 84 Resp: 66624
Ion Ratio Lower Upper
84 100
86 64.3 42.1 78.1
49 102.1 80.6 149.8





#17

Methyl tert-butyl Ether

Concen: 5.269 ug/L

RT: 3.354 min Scan# 642

Delta R.T. 0.000 min

Lab File: VU059508.D

Acq: 26 Jun 2024 06:31

Instrument :

MSVOA_U

ClientSampleId :

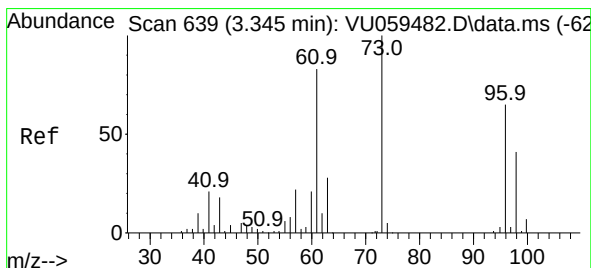
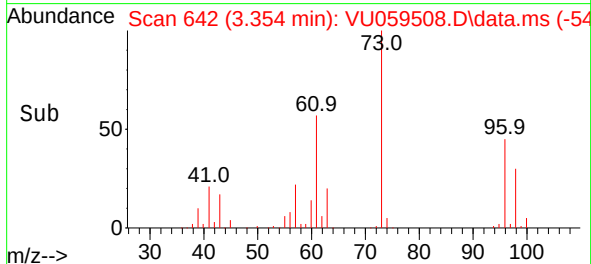
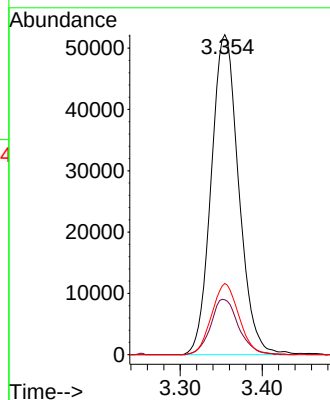
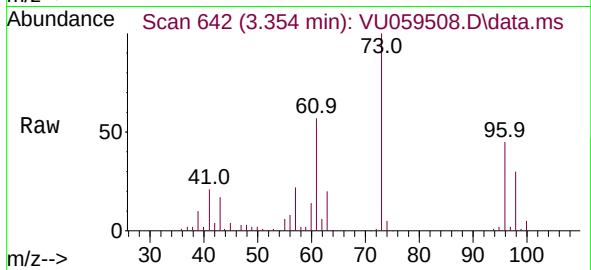
Tgt Ion: 73 Resp: 121454

Ion Ratio Lower Upper

73 100

43 17.6 14.9 22.3

57 22.2 18.0 27.0



#18

trans-1,2-Dichloroethene

Concen: 5.185 ug/L

RT: 3.345 min Scan# 639

Delta R.T. 0.000 min

Lab File: VU059508.D

Acq: 26 Jun 2024 06:31

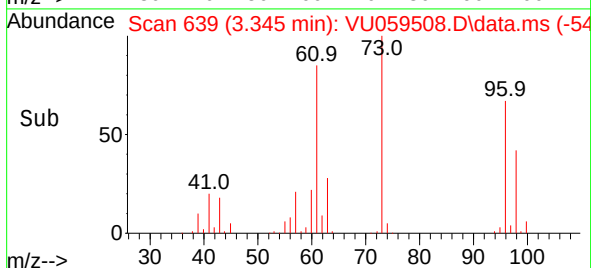
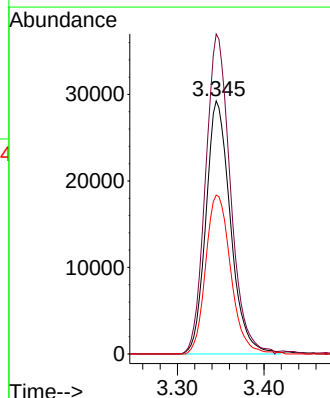
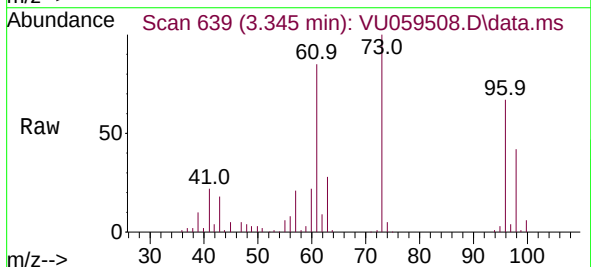
Tgt Ion: 96 Resp: 57679

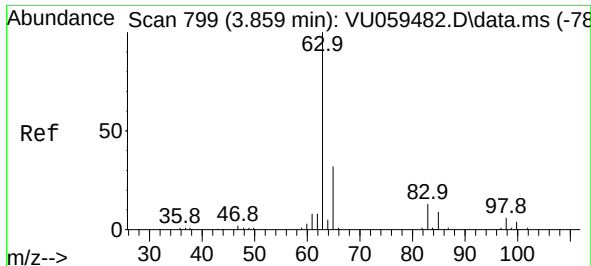
Ion Ratio Lower Upper

96 100

61 126.4 101.8 189.0

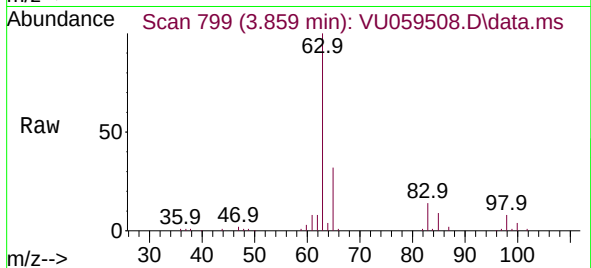
98 62.8 43.3 80.5



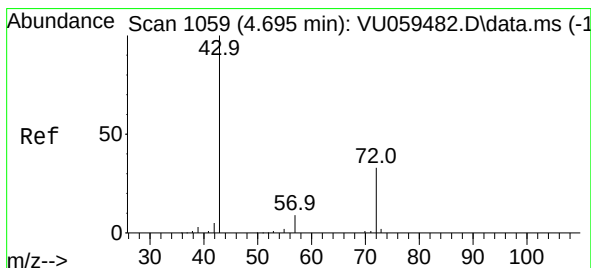
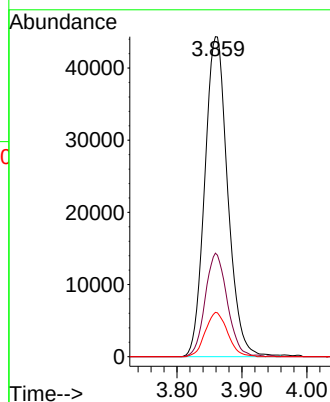
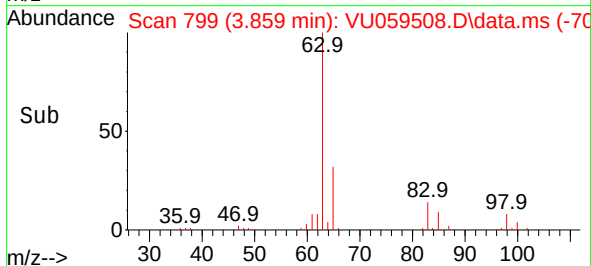


#19
1,1-Dichloroethane
Concen: 5.311 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU059508.D
Acq: 26 Jun 2024 06:31

Instrument :
MSVOA_U
ClientSampleId :

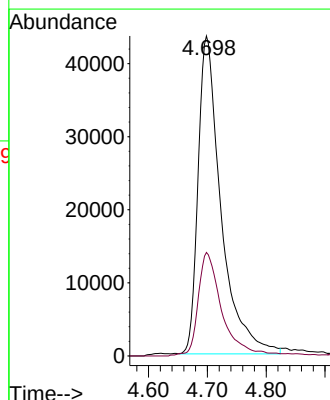
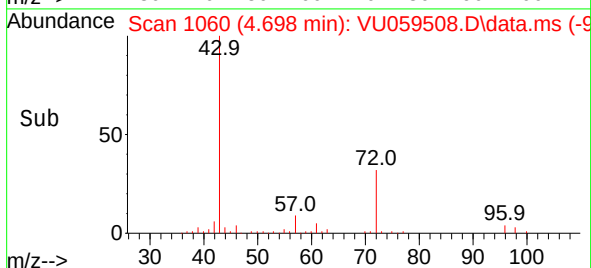
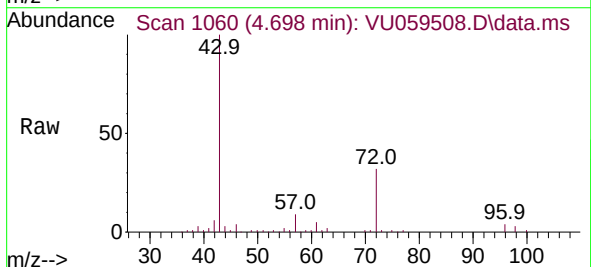


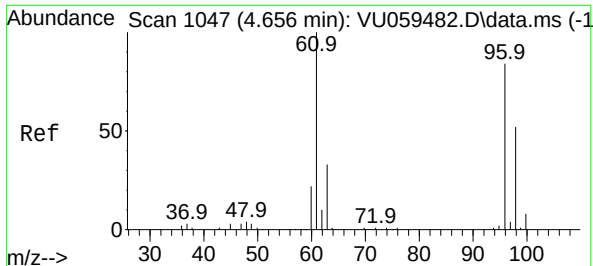
Tgt Ion: 63 Resp: 108953
Ion Ratio Lower Upper
63 100
65 32.4 21.8 40.6
83 13.9 9.9 18.5



#21
2-Butanone
Concen: 52.415 ug/L
RT: 4.698 min Scan# 1060
Delta R.T. 0.003 min
Lab File: VU059508.D
Acq: 26 Jun 2024 06:31

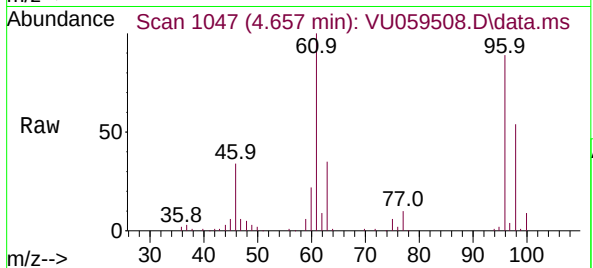
Tgt Ion: 43 Resp: 117815
Ion Ratio Lower Upper
43 100
72 32.8 13.8 41.4



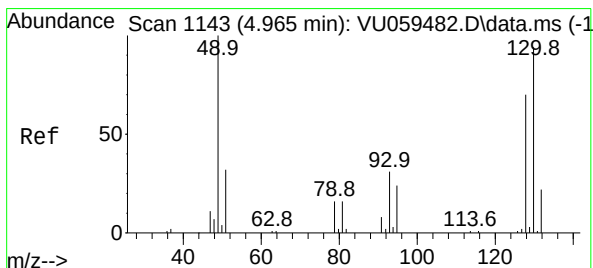
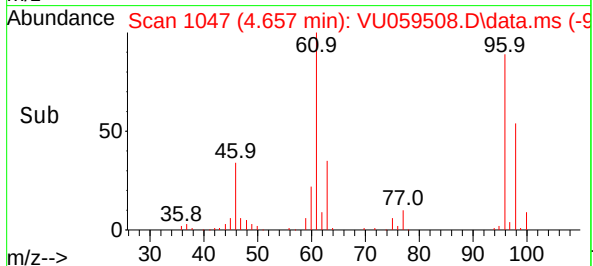
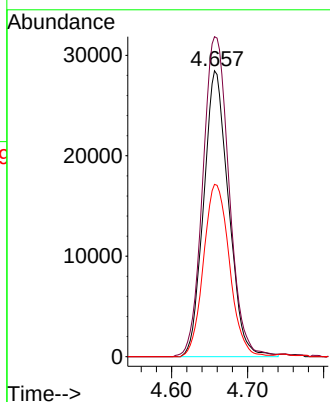


#22
cis-1,2-Dichloroethene
Concen: 5.286 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU059508.D
Acq: 26 Jun 2024 06:31

Instrument :
MSVOA_U
ClientSampleId :

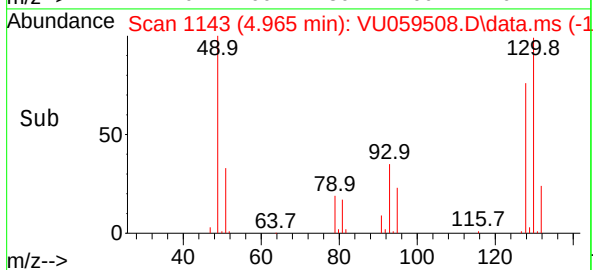
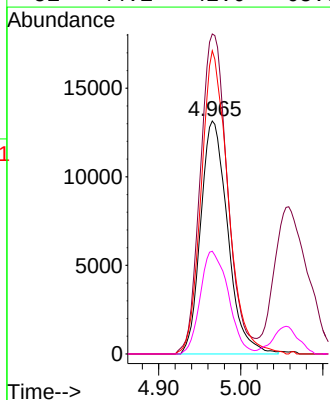
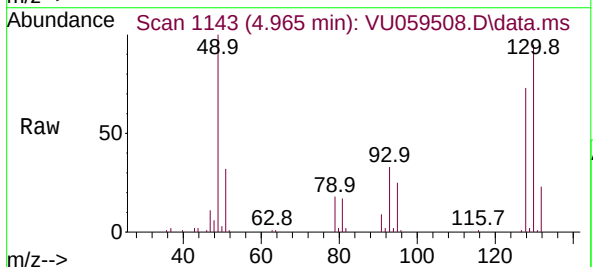


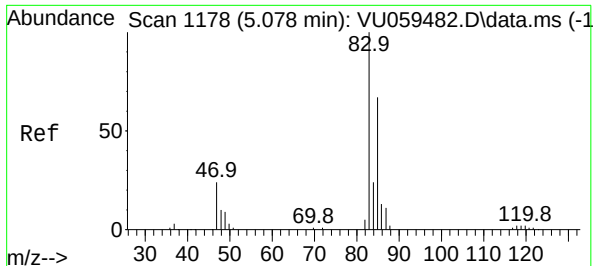
Tgt Ion: 96 Resp: 64816
Ion Ratio Lower Upper
96 100
61 111.9 87.4 162.2
98 60.3 42.3 78.5



#23
Bromochloromethane
Concen: 5.380 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VU059508.D
Acq: 26 Jun 2024 06:31

Tgt Ion:128 Resp: 30074
Ion Ratio Lower Upper
128 100
49 137.4 117.0 217.4
130 130.2 89.6 166.4
51 44.1 42.0 63.0





#25

Chloroform

Concen: 5.305 ug/L

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU059508.D

Acq: 26 Jun 2024 06:31

Instrument :

MSVOA_U

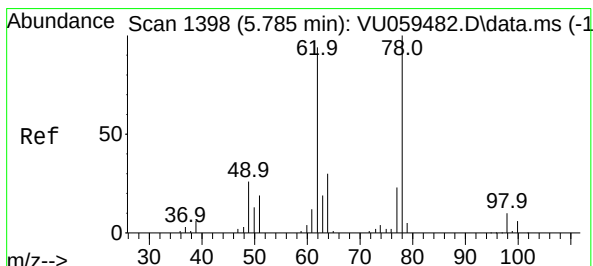
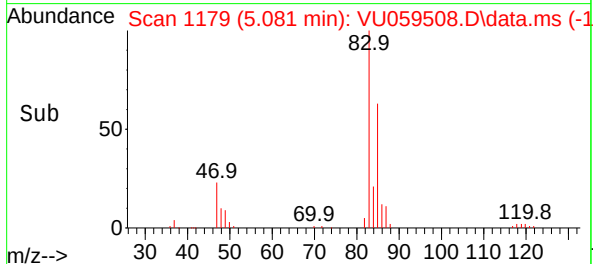
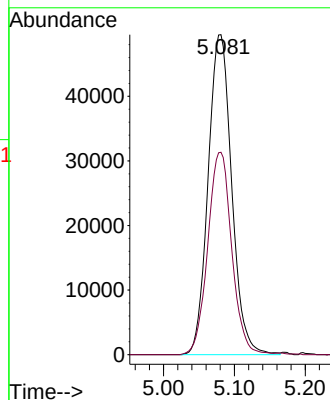
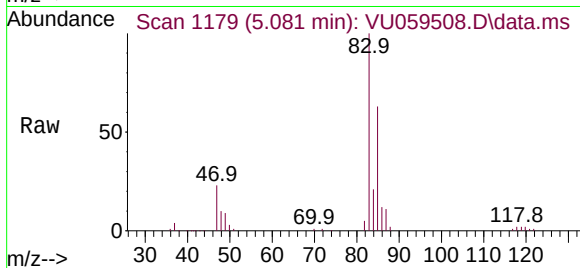
ClientSampleId :

Tgt Ion: 83 Resp: 114630

Ion Ratio Lower Upper

83 100

85 63.3 44.7 83.1



#27

1,2-Dichloroethane

Concen: 5.263 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU059508.D

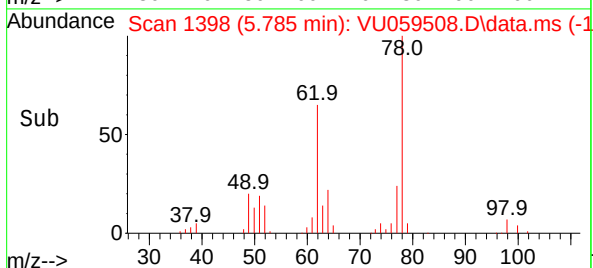
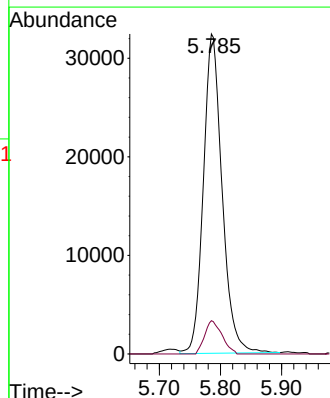
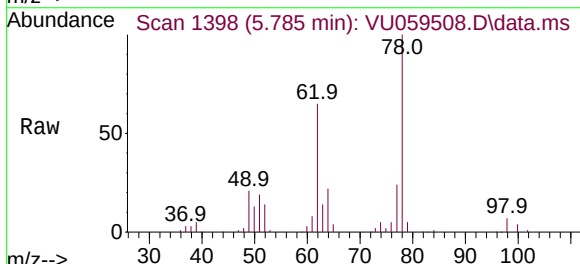
Acq: 26 Jun 2024 06:31

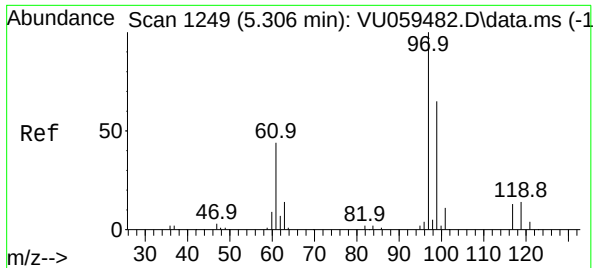
Tgt Ion: 62 Resp: 68913

Ion Ratio Lower Upper

62 100

98 10.4 7.5 11.3

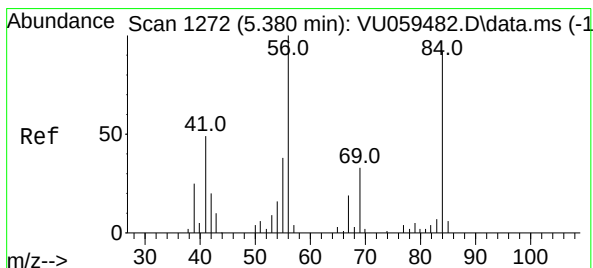
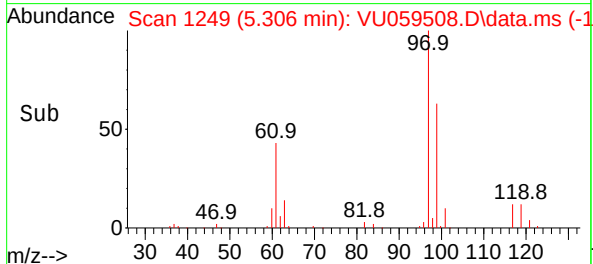
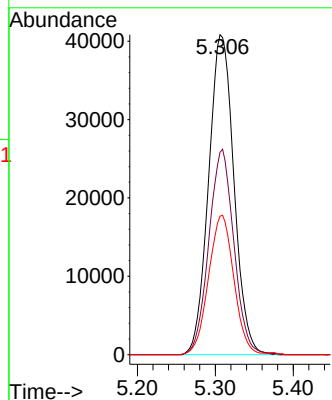
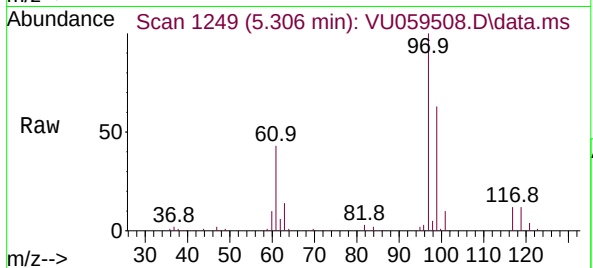




#29
1,1,1-Trichloroethane
Concen: 5.186 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU059508.D
Acq: 26 Jun 2024 06:31

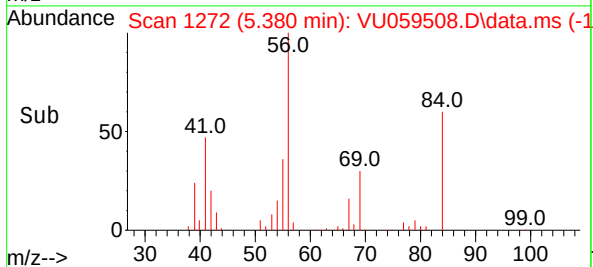
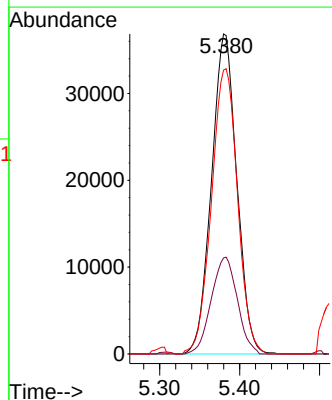
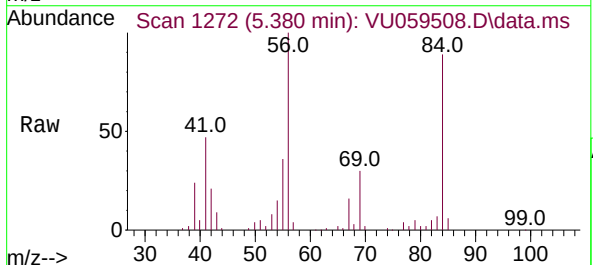
Instrument :
MSVOA_U
ClientSampleId :

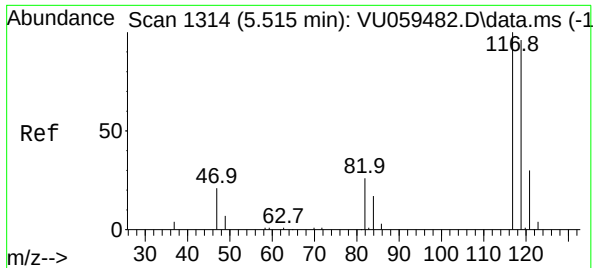
Tgt Ion:	97	Resp:	92185
Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.8	77.6
61	43.6	37.4	56.2



#30
Cyclohexane
Concen: 5.158 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU059508.D
Acq: 26 Jun 2024 06:31

Tgt Ion:	56	Resp:	80938
Ion	Ratio	Lower	Upper
56	100		
69	31.1	24.8	37.2
84	91.9	69.8	104.8

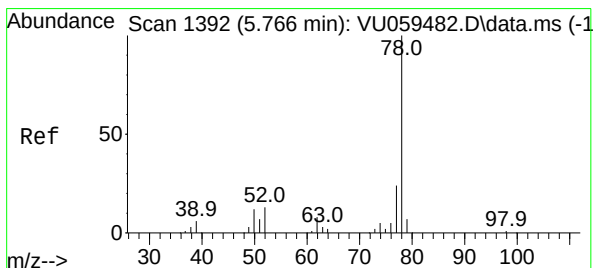
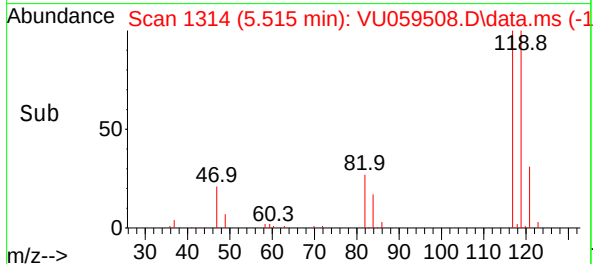
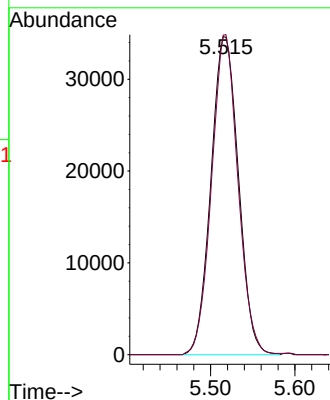
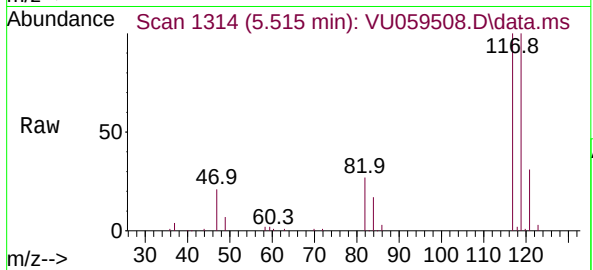




#31
Carbon tetrachloride
Concen: 5.270 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU059508.D
Acq: 26 Jun 2024 06:31

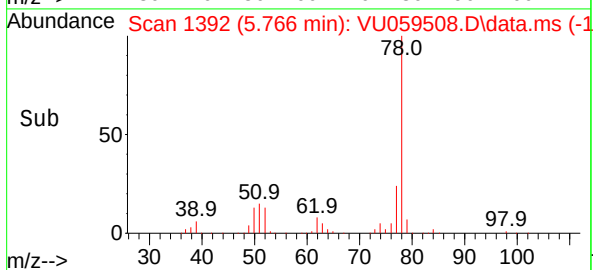
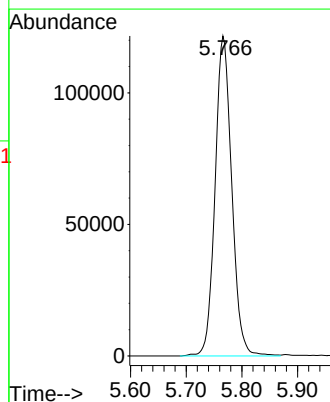
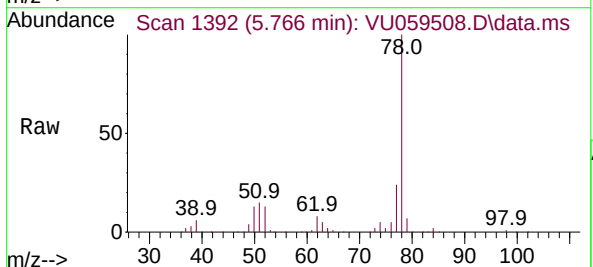
Instrument :
MSVOA_U
ClientSampleId :

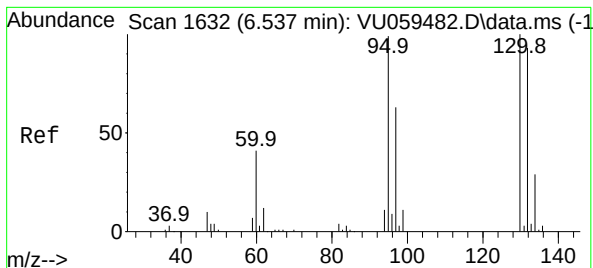
Tgt Ion:117 Resp: 78428
Ion Ratio Lower Upper
117 100
119 96.6 77.5 116.3



#33
Benzene
Concen: 5.412 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU059508.D
Acq: 26 Jun 2024 06:31

Tgt Ion: 78 Resp: 252959





#34

Trichloroethene

Concen: 5.186 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU059508.D

Acq: 26 Jun 2024 06:31

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 65645

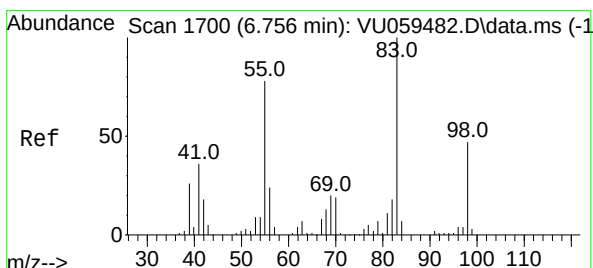
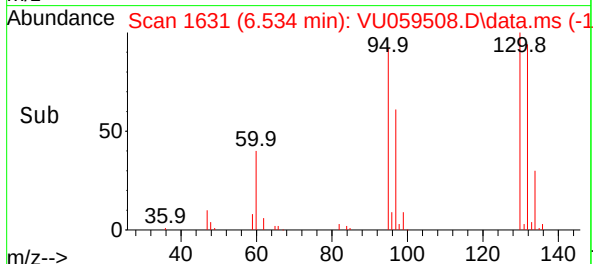
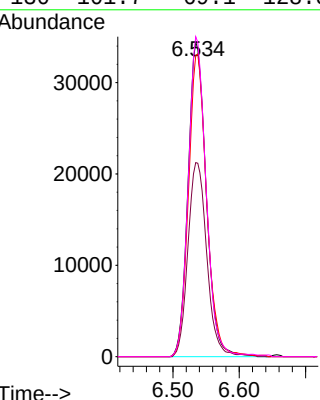
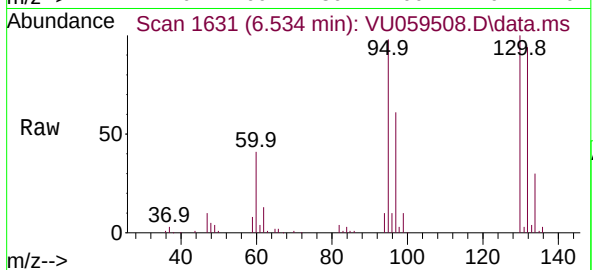
Ion Ratio Lower Upper

95 100

97 61.7 45.3 84.1

132 95.7 64.0 119.0

130 101.7 69.1 128.3



#35

Methylcyclohexane

Concen: 4.851 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU059508.D

Acq: 26 Jun 2024 06:31

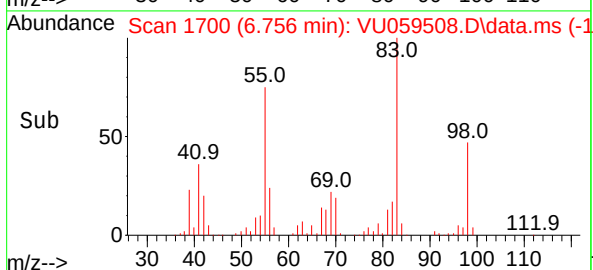
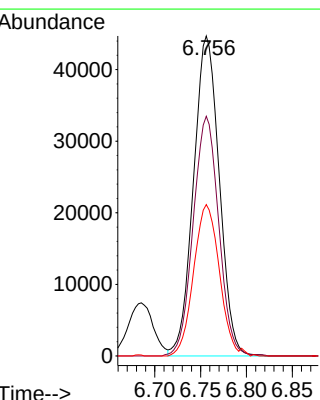
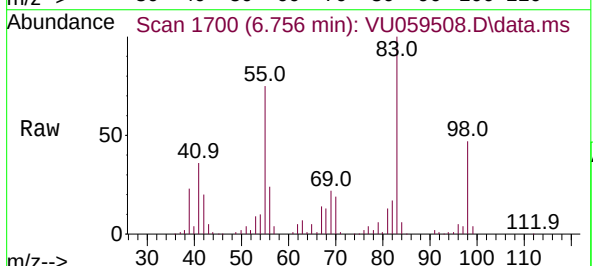
Tgt Ion: 83 Resp: 87373

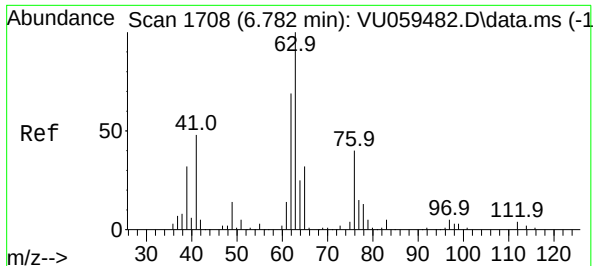
Ion Ratio Lower Upper

83 100

55 74.3 62.7 94.1

98 47.5 35.4 53.0

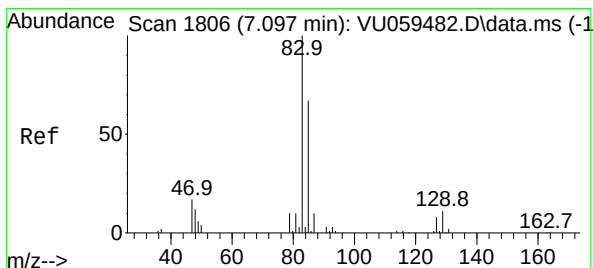
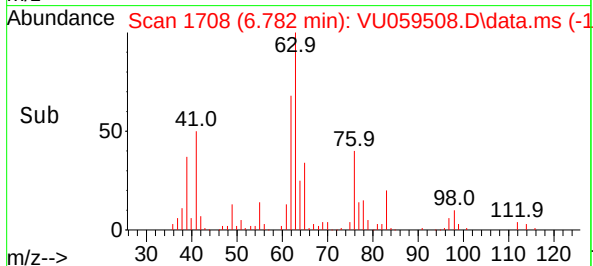
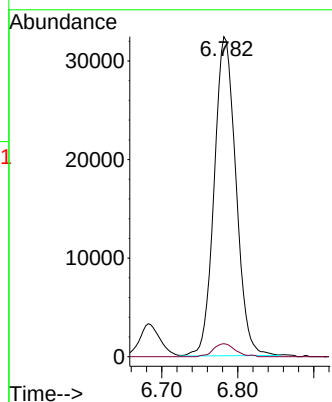
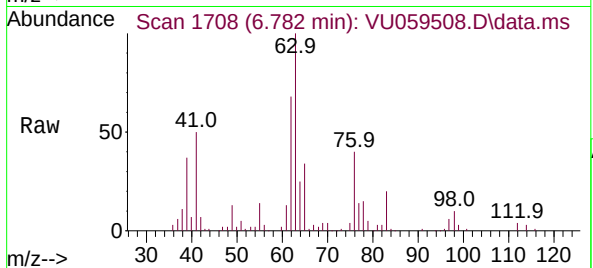




#37
1,2-Dichloropropane
Concen: 5.314 ug/L
RT: 6.782 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU059508.D
Acq: 26 Jun 2024 06:31

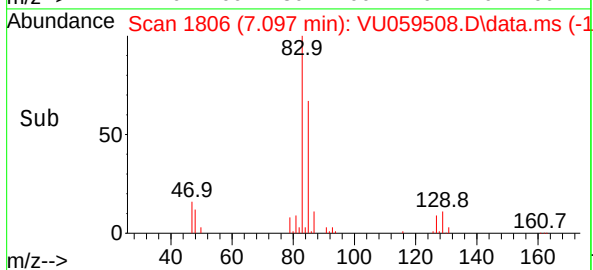
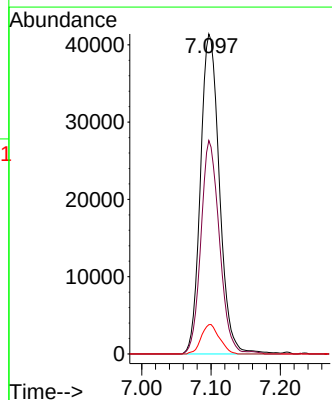
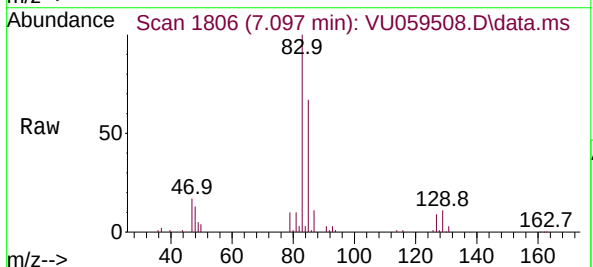
Instrument :
MSVOA_U
ClientSampleId :

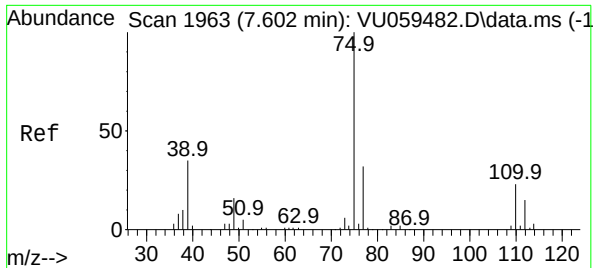
Tgt Ion: 63 Resp: 64280
Ion Ratio Lower Upper
63 100
112 4.0 2.6 3.8#



#38
Bromodichloromethane
Concen: 5.213 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU059508.D
Acq: 26 Jun 2024 06:31

Tgt Ion: 83 Resp: 78714
Ion Ratio Lower Upper
83 100
85 66.7 42.7 79.3
127 9.2 6.1 9.1#

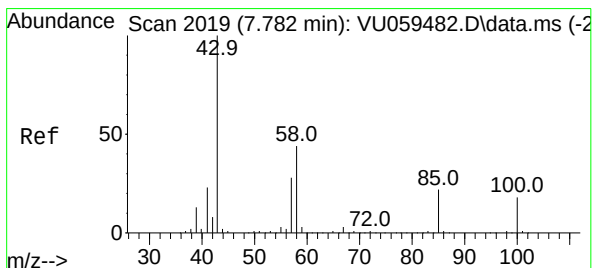
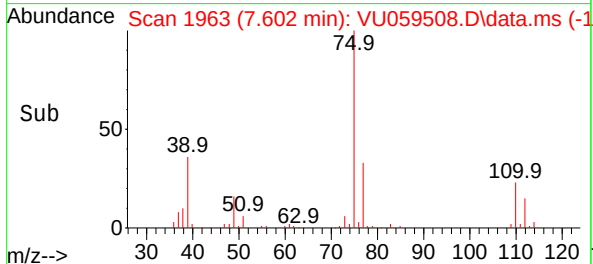
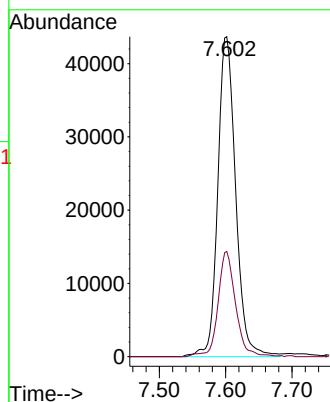
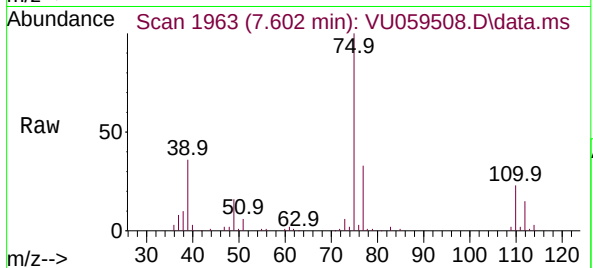




#39
 cis-1,3-Dichloropropene
 Concen: 4.940 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU059508.D
 Acq: 26 Jun 2024 06:31

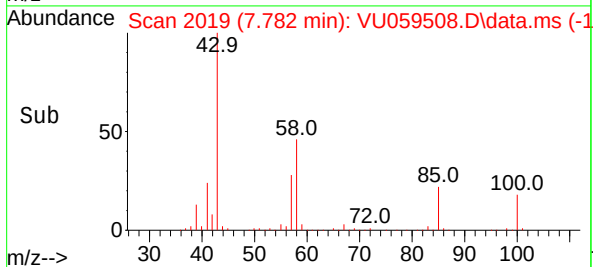
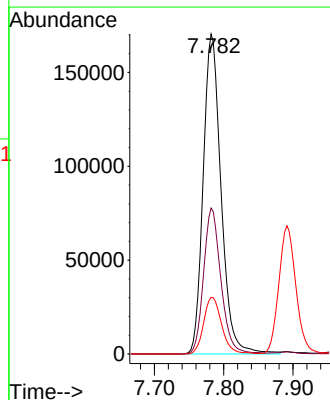
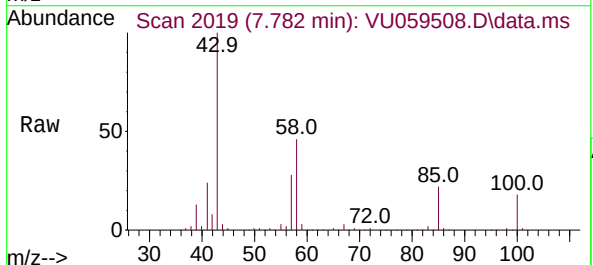
Instrument :
 MSVOA_U
 ClientSampleId :

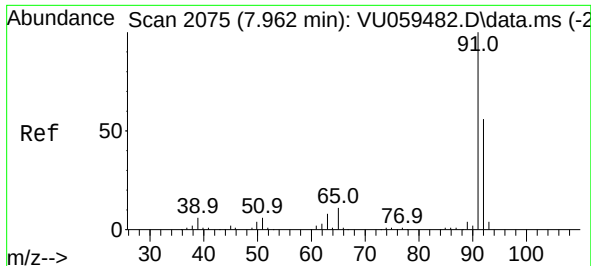
Tgt Ion: 75 Resp: 81715
 Ion Ratio Lower Upper
 75 100
 77 32.9 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 54.540 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VU059508.D
 Acq: 26 Jun 2024 06:31

Tgt Ion: 43 Resp: 305687
 Ion Ratio Lower Upper
 43 100
 58 44.2 34.0 51.0
 100 17.8 12.1 18.1





#42

Toluene

Concen: 5.530 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU059508.D

Acq: 26 Jun 2024 06:31

Instrument :

MSVOA_U

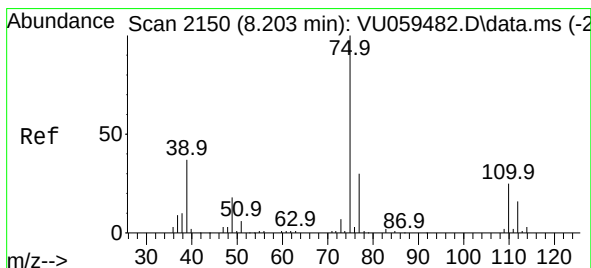
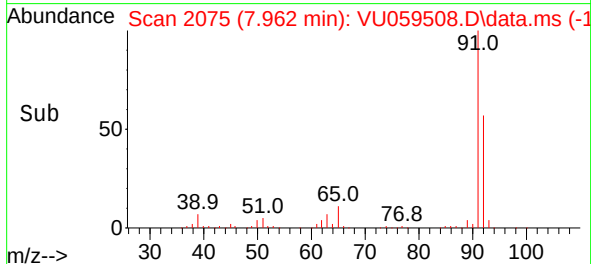
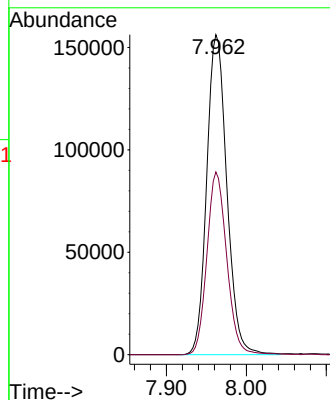
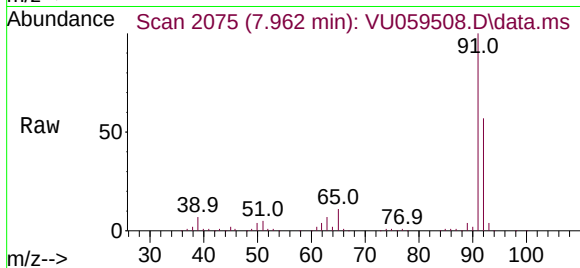
ClientSampleId :

Tgt Ion: 91 Resp: 273659

Ion Ratio Lower Upper

91 100

92 57.1 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 5.014 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU059508.D

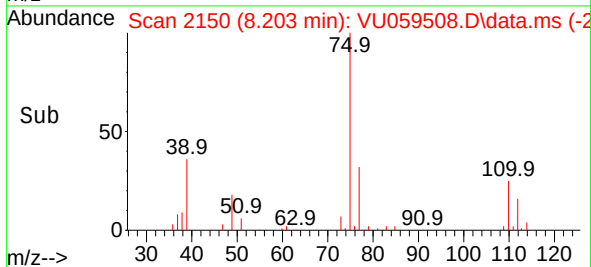
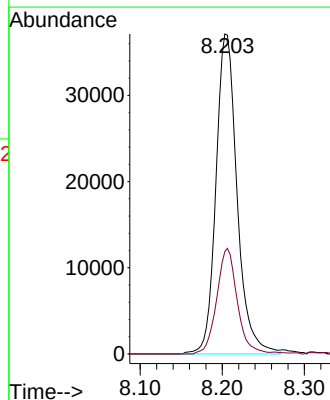
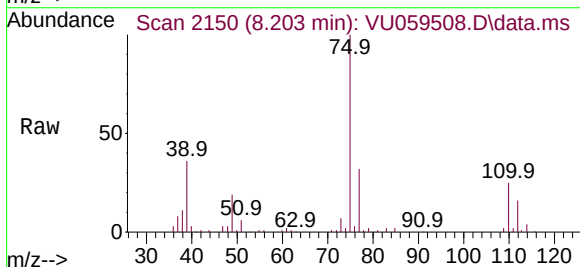
Acq: 26 Jun 2024 06:31

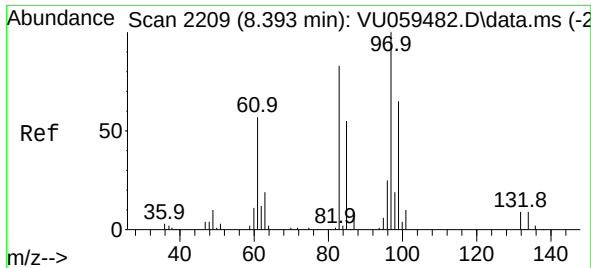
Tgt Ion: 75 Resp: 66571

Ion Ratio Lower Upper

75 100

77 32.0 22.0 41.0

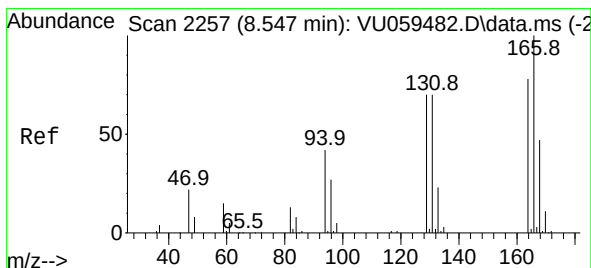
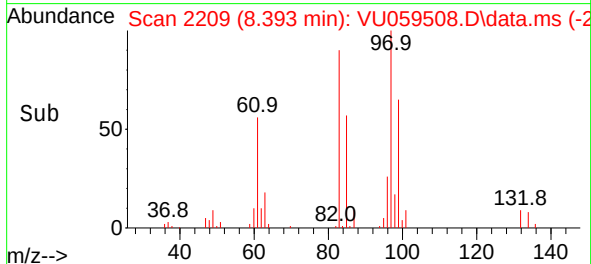
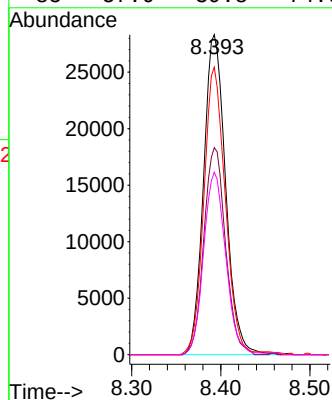
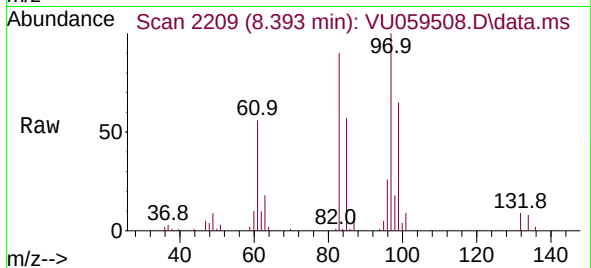




#45
1,1,2-Trichloroethane
Concen: 5.467 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU059508.D
Acq: 26 Jun 2024 06:31

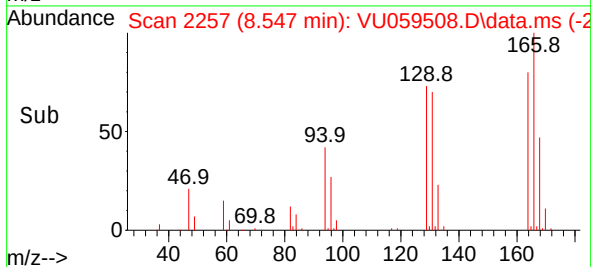
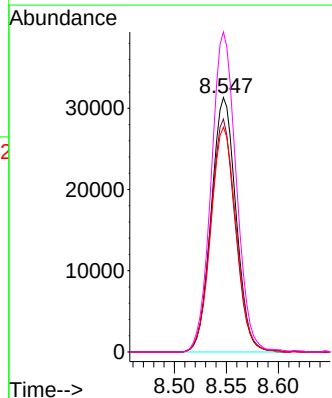
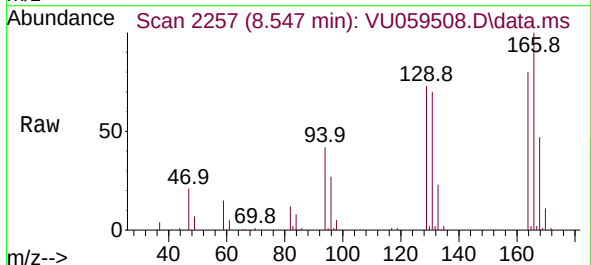
Instrument :
MSVOA_U
ClientSampleId :

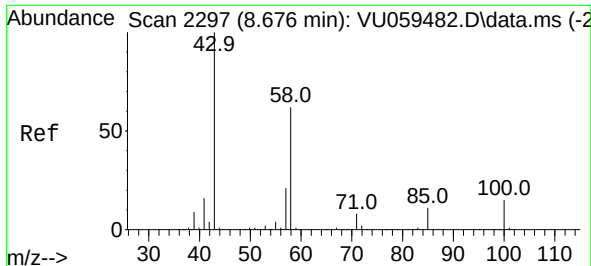
Tgt Ion:	97	Resp:	48733
Ion	Ratio	Lower	Upper
97	100		
99	64.7	43.3	80.3
83	89.8	62.3	115.7
85	57.0	39.8	74.0



#47
Tetrachloroethene
Concen: 5.287 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU059508.D
Acq: 26 Jun 2024 06:31

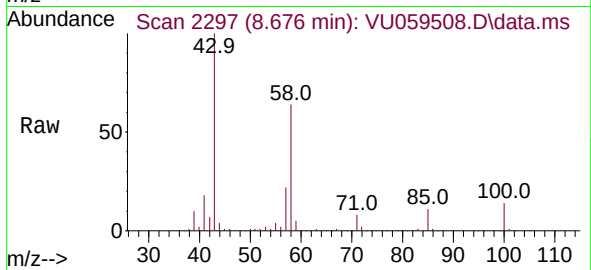
Tgt Ion:	164	Resp:	51934
Ion	Ratio	Lower	Upper
164	100		
129	91.6	70.8	131.4
131	88.4	64.8	120.3
166	125.8	91.1	169.1



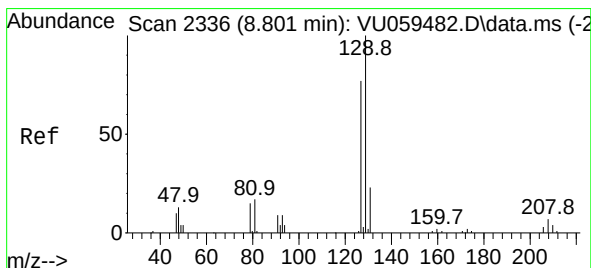
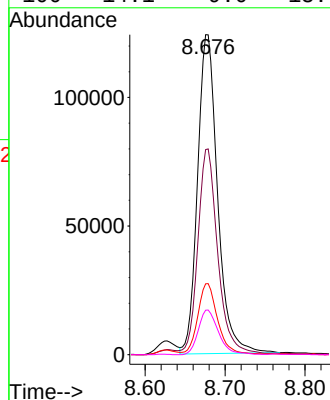
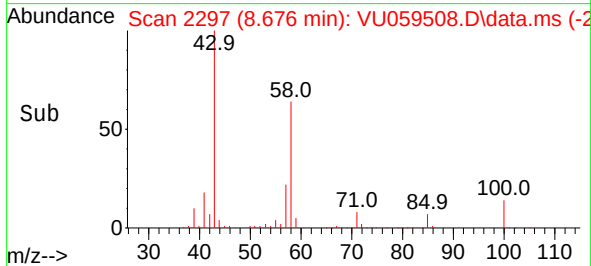


#48
2-Hexanone
Concen: 54.282 ug/L
RT: 8.676 min Scan# 217134
Delta R.T. 0.000 min
Lab File: VU059508.D
Acq: 26 Jun 2024 06:31

Instrument :
MSVOA_U
ClientSampleId :

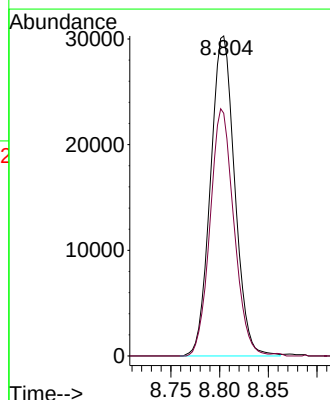
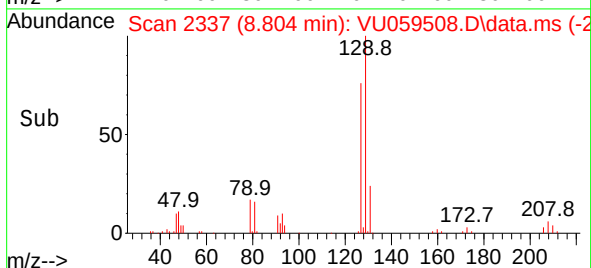
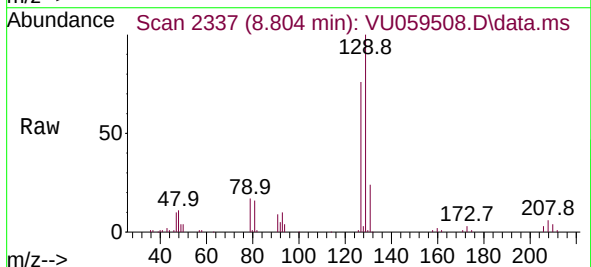


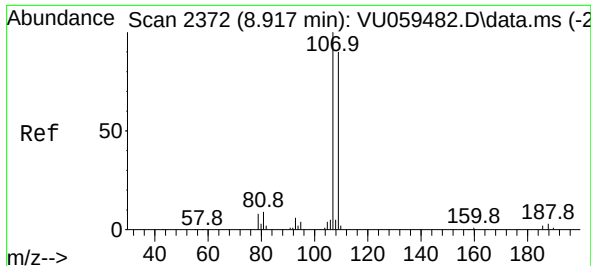
Tgt Ion: 43 Resp: 217134
Ion Ratio Lower Upper
43 100
58 63.1 46.1 69.1
57 21.7 15.5 23.3
100 14.1 9.0 13.6#



#49
Dibromochloromethane
Concen: 5.313 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VU059508.D
Acq: 26 Jun 2024 06:31

Tgt Ion: 129 Resp: 52460
Ion Ratio Lower Upper
129 100
127 75.9 52.5 97.5





#50

1,2-Dibromoethane

Concen: 5.375 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. 0.000 min

Lab File: VU059508.D

Acq: 26 Jun 2024 06:31

Instrument :

MSVOA_U

ClientSampleId :

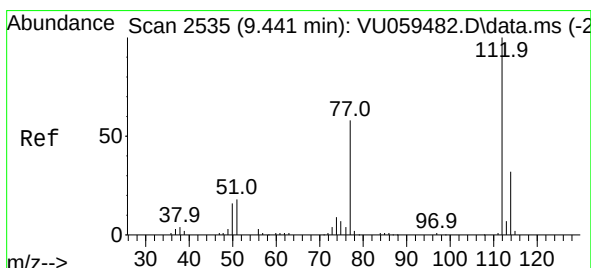
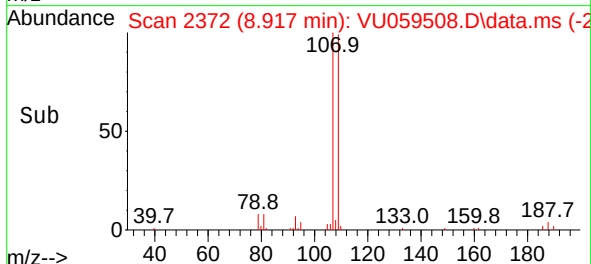
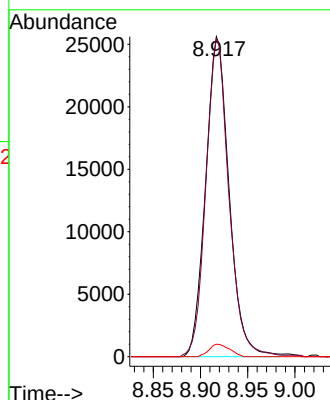
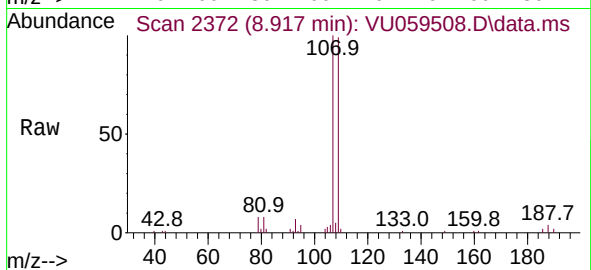
Tgt Ion:107 Resp: 44246

Ion Ratio Lower Upper

107 100

109 99.5 66.9 124.3

188 3.9 2.7 4.1



#51

Chlorobenzene

Concen: 5.325 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.000 min

Lab File: VU059508.D

Acq: 26 Jun 2024 06:31

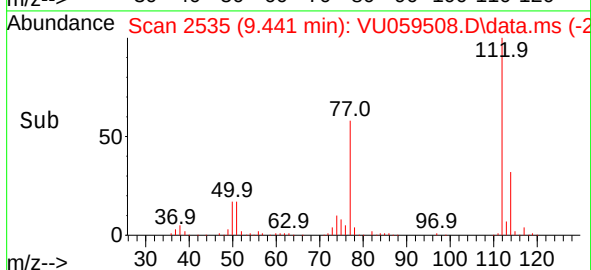
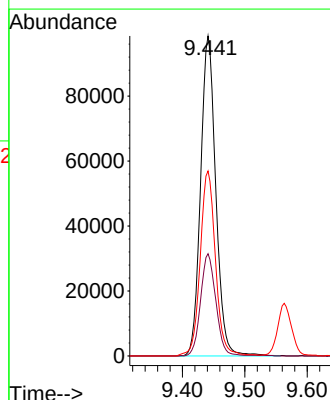
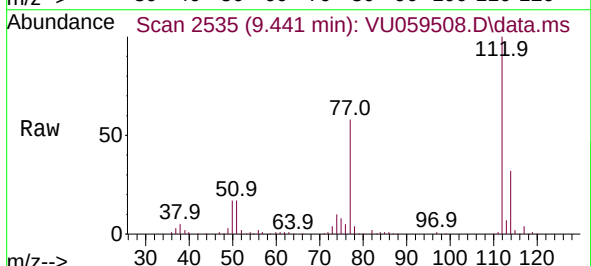
Tgt Ion:112 Resp: 167132

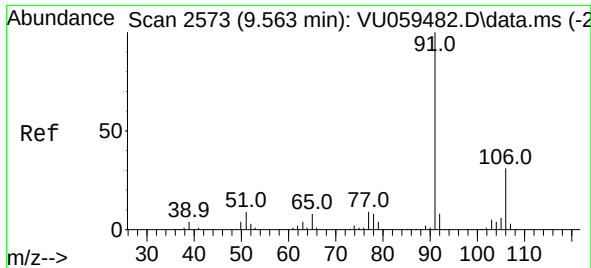
Ion Ratio Lower Upper

112 100

114 32.0 22.4 41.6

77 57.8 49.1 73.7

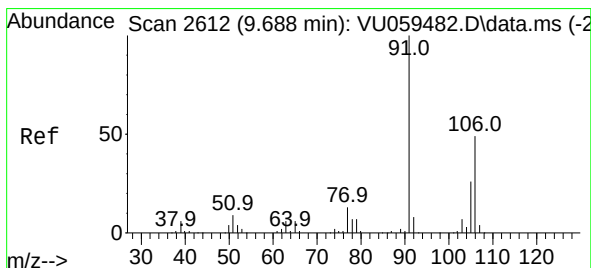
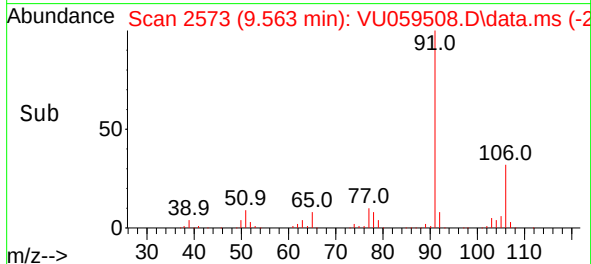
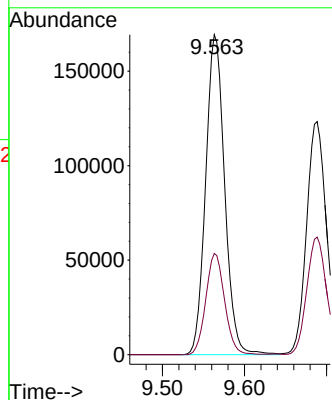
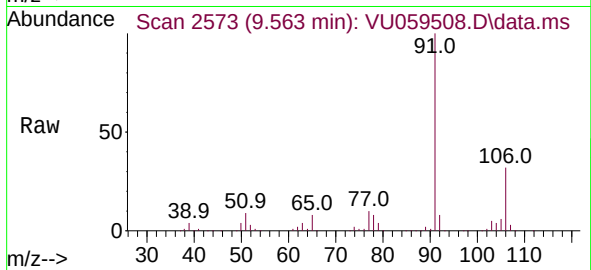




#52
Ethylbenzene
Concen: 5.359 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU059508.D
Acq: 26 Jun 2024 06:31

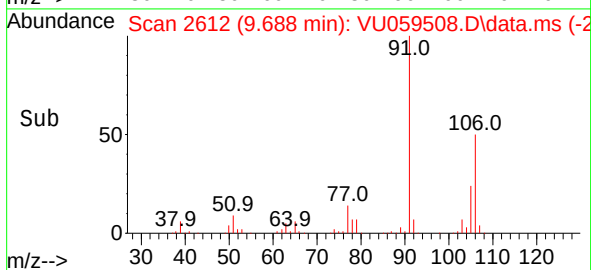
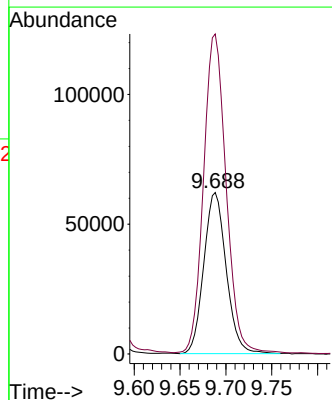
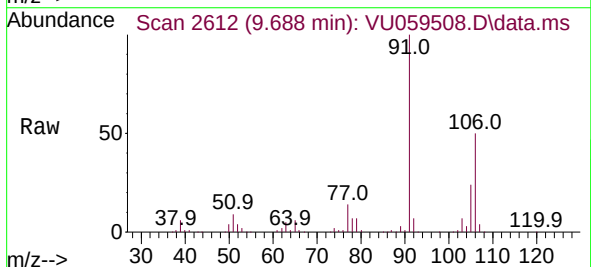
Instrument :
MSVOA_U
ClientSampleId :

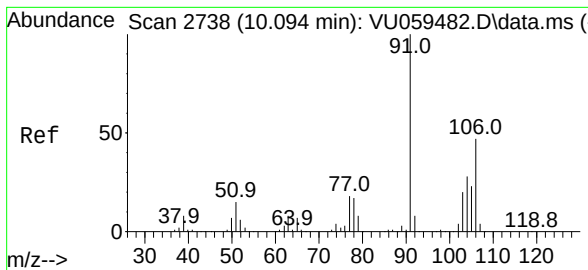
Tgt Ion: 91 Resp: 272046
Ion Ratio Lower Upper
91 100
106 31.6 20.9 38.7



#53
m,p-Xylene
Concen: 5.415 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU059508.D
Acq: 26 Jun 2024 06:31

Tgt Ion:106 Resp: 105567
Ion Ratio Lower Upper
106 100
91 198.1 142.0 263.8

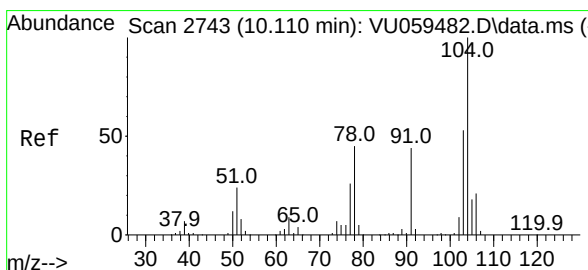
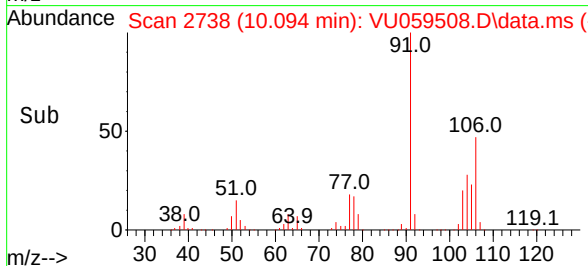
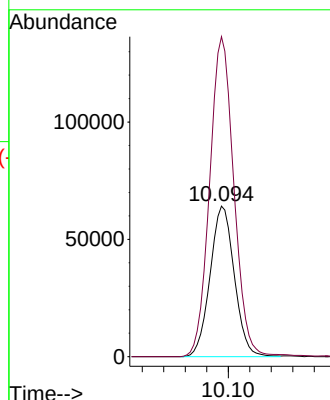
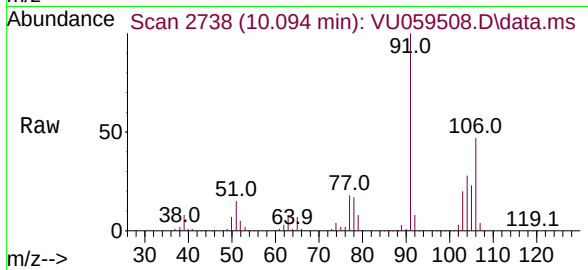




#54
o-Xylene
Concen: 5.430 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU059508.D
Acq: 26 Jun 2024 06:31

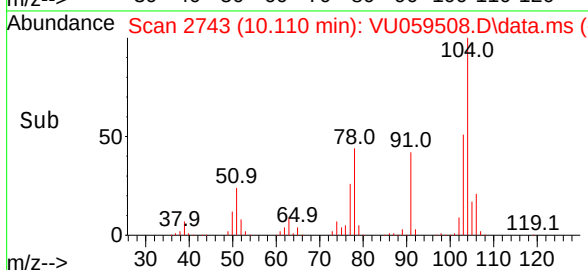
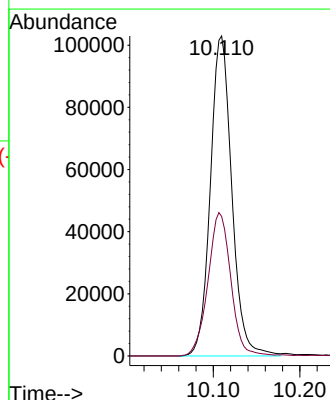
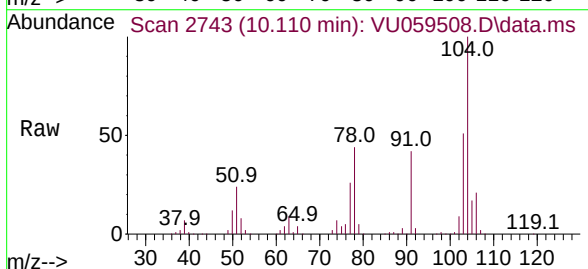
Instrument :
MSVOA_U
ClientSampleId :

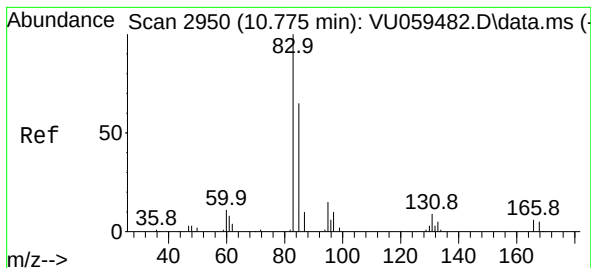
Tgt Ion:106 Resp: 100471
Ion Ratio Lower Upper
106 100
91 212.5 151.6 281.6



#55
Styrene
Concen: 5.622 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU059508.D
Acq: 26 Jun 2024 06:31

Tgt Ion:104 Resp: 177078
Ion Ratio Lower Upper
104 100
78 43.6 32.3 60.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.520 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU059508.D

Acq: 26 Jun 2024 06:31

Instrument :

MSVOA_U

ClientSampleId :

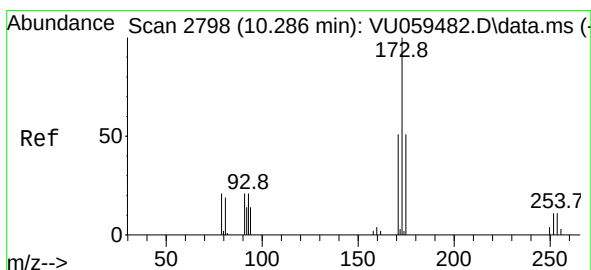
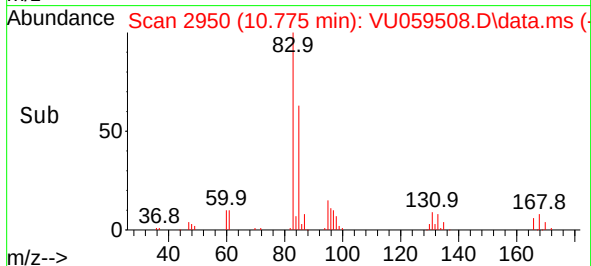
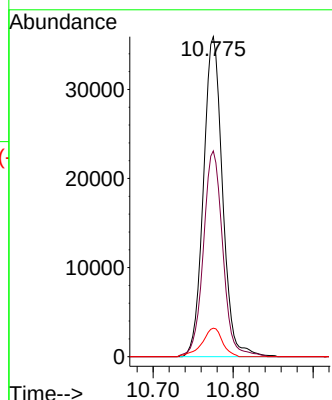
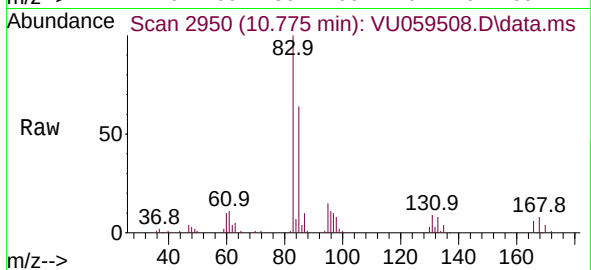
Tgt Ion: 83 Resp: 59683

Ion Ratio Lower Upper

83 100

85 64.3 44.7 82.9

131 8.9 6.9 10.3



#59

Bromoform

Concen: 5.146 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.003 min

Lab File: VU059508.D

Acq: 26 Jun 2024 06:31

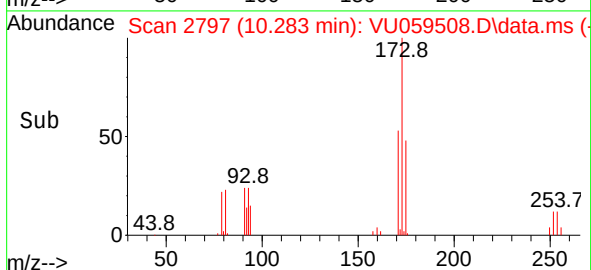
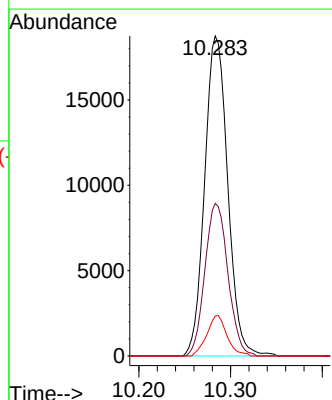
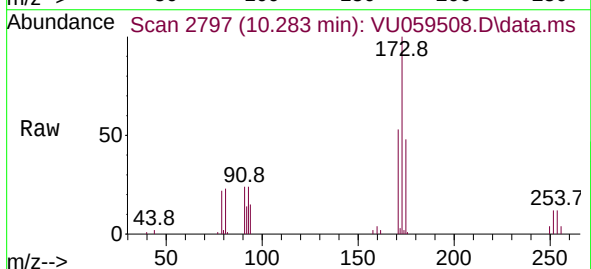
Tgt Ion:173 Resp: 32797

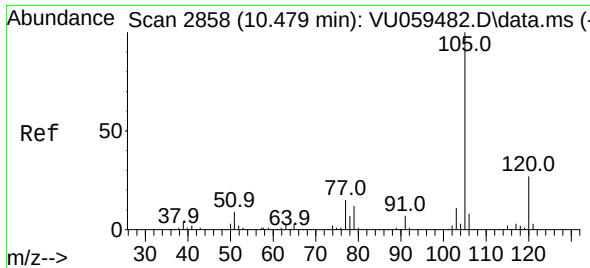
Ion Ratio Lower Upper

173 100

175 47.6 39.4 59.2

254 11.0 7.4 11.2

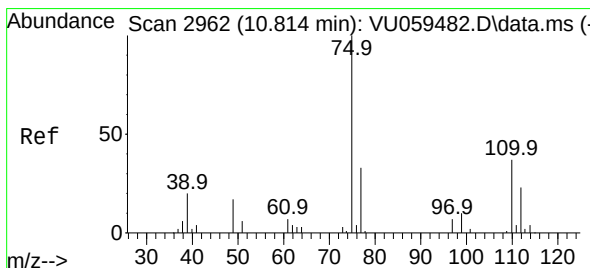
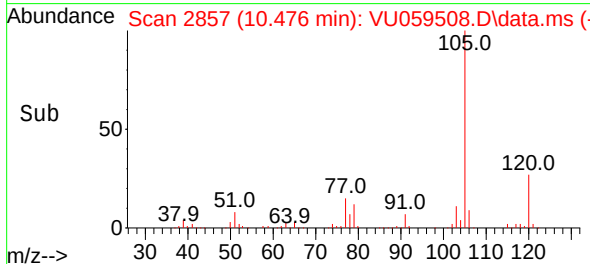
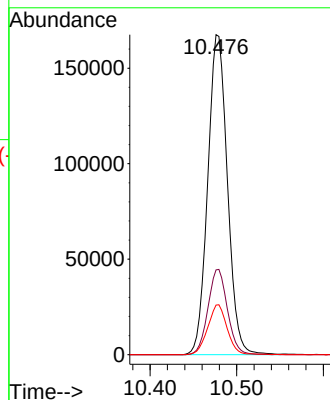
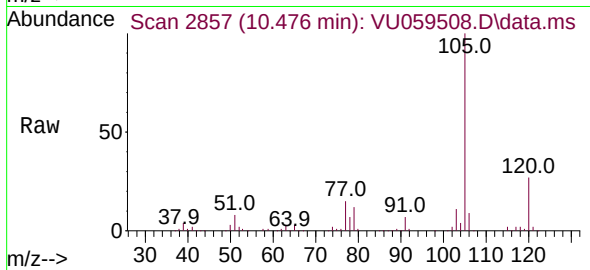




#60
Isopropylbenzene
Concen: 5.139 ug/L
RT: 10.476 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU059508.D
Acq: 26 Jun 2024 06:31

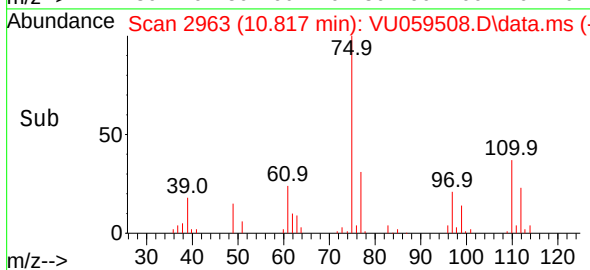
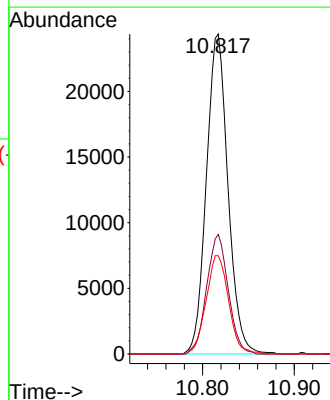
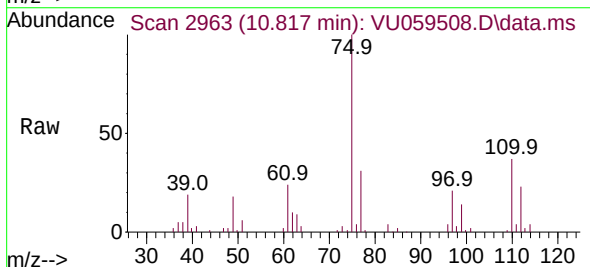
Instrument :
MSVOA_U
ClientSampleId :

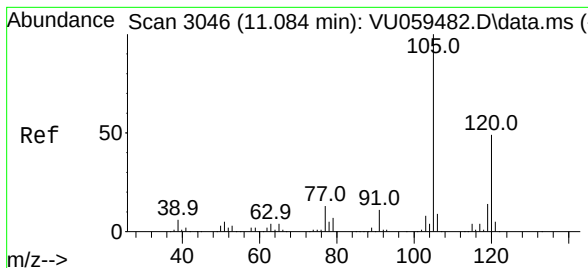
Tgt Ion:105 Resp: 264364
Ion Ratio Lower Upper
105 100
120 26.4 20.6 31.0
77 15.5 12.8 19.2



#61
1,2,3-Trichloropropane
Concen: 5.184 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU059508.D
Acq: 26 Jun 2024 06:31

Tgt Ion: 75 Resp: 39893
Ion Ratio Lower Upper
75 100
110 37.3 27.1 40.7
77 31.9 25.4 38.2

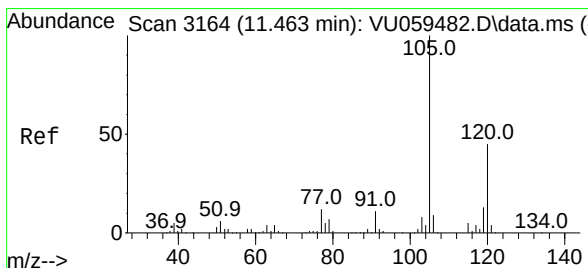
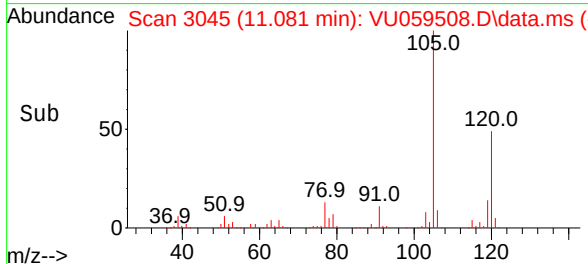
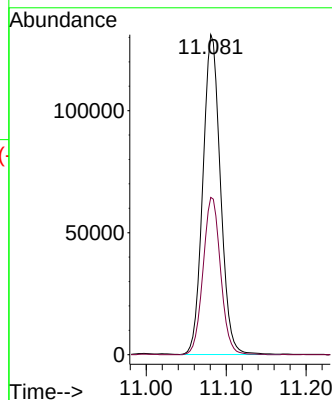
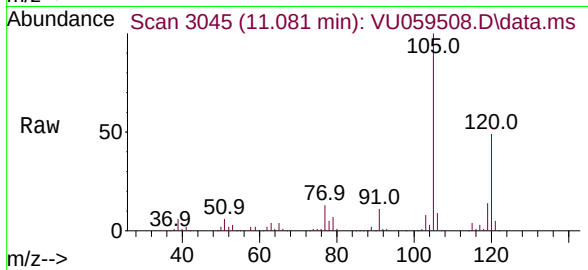




#62
1,3,5-Trimethylbenzene
Concen: 4.922 ug/L
RT: 11.081 min Scan# 3046
Delta R.T. -0.003 min
Lab File: VU059508.D
Acq: 26 Jun 2024 06:31

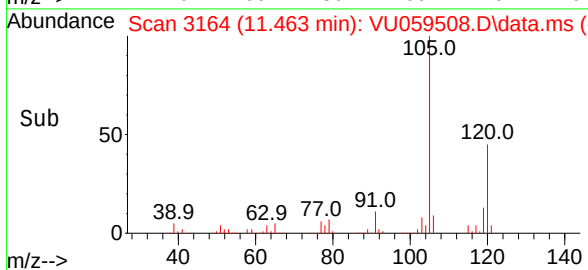
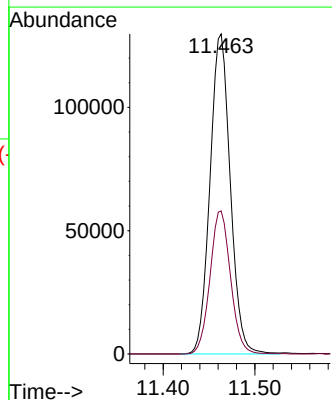
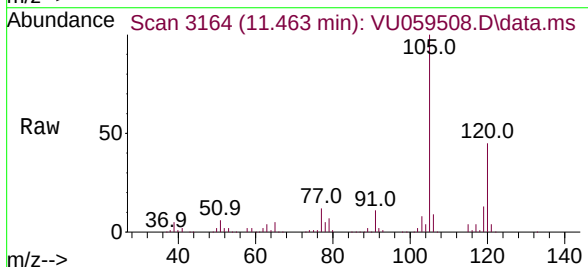
Instrument :
MSVOA_U
ClientSampleId :

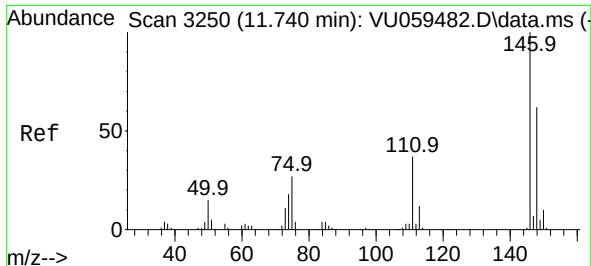
Tgt Ion:105 Resp: 200604
Ion Ratio Lower Upper
105 100
120 49.1 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 5.118 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU059508.D
Acq: 26 Jun 2024 06:31

Tgt Ion:105 Resp: 199440
Ion Ratio Lower Upper
105 100
120 45.2 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 5.073 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. 0.000 min

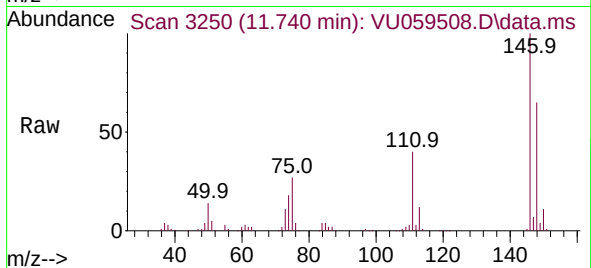
Lab File: VU059508.D

Acq: 26 Jun 2024 06:31

Instrument :

MSVOA_U

ClientSampleId :



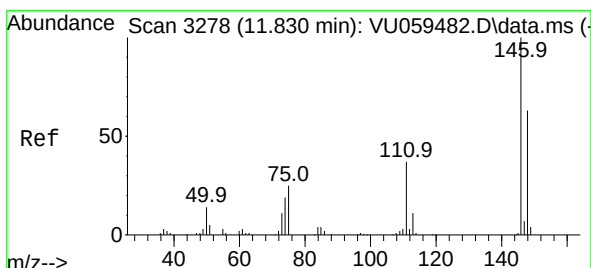
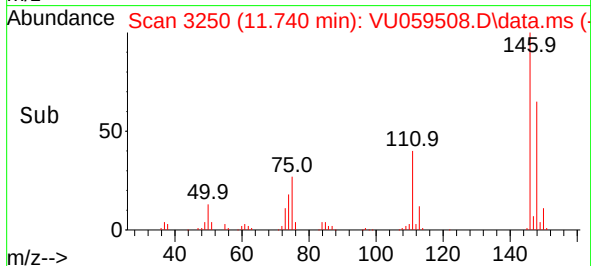
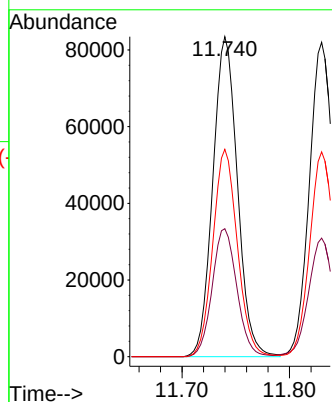
Tgt Ion:146 Resp: 132733

Ion Ratio Lower Upper

146 100

111 40.0 27.4 51.0

148 64.8 45.0 83.6



#65

1,4-Dichlorobenzene

Concen: 4.990 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU059508.D

Acq: 26 Jun 2024 06:31

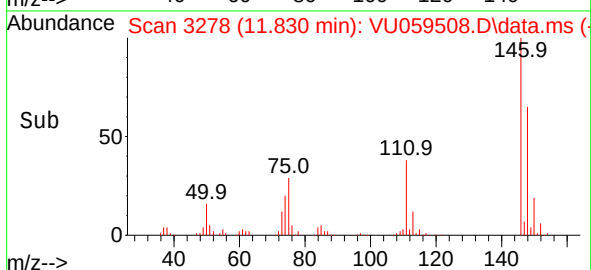
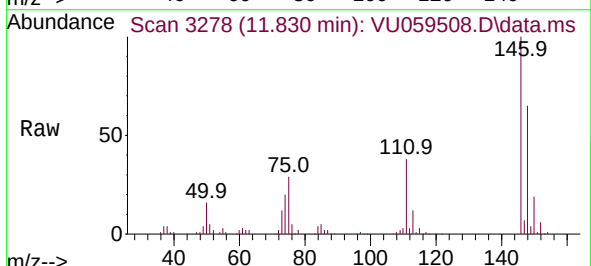
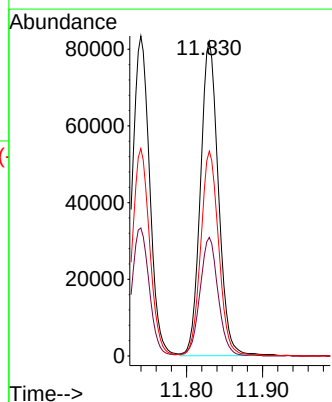
Tgt Ion:146 Resp: 134388

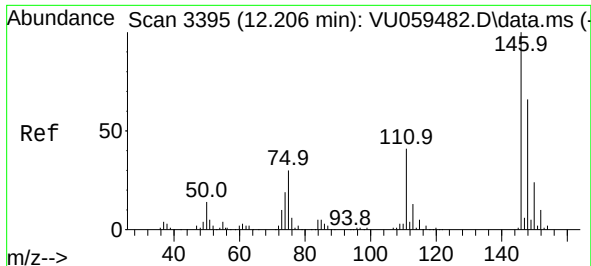
Ion Ratio Lower Upper

146 100

111 37.7 26.9 50.1

148 65.2 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.123 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU059508.D

Acq: 26 Jun 2024 06:31

Instrument :

MSVOA_U

ClientSampleId :

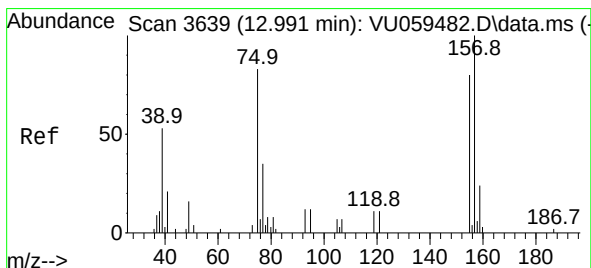
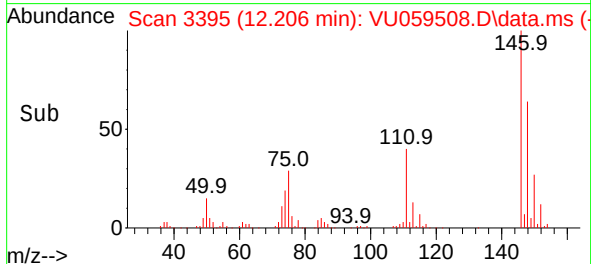
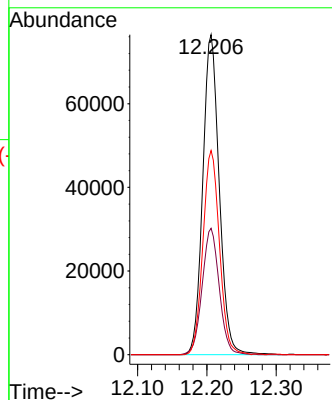
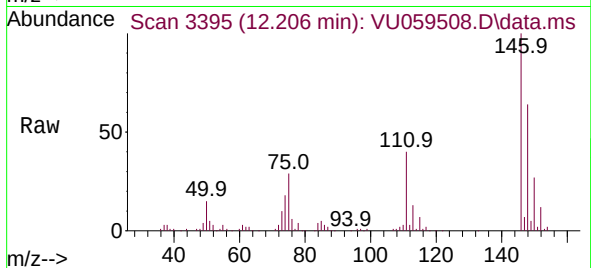
Tgt Ion:146 Resp: 126157

Ion Ratio Lower Upper

146 100

111 39.5 33.4 50.0

148 63.8 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.878 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU059508.D

Acq: 26 Jun 2024 06:31

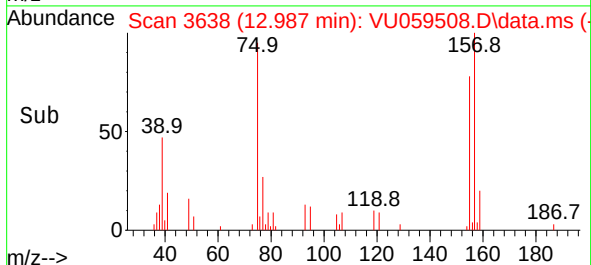
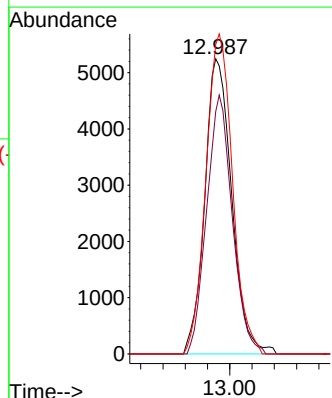
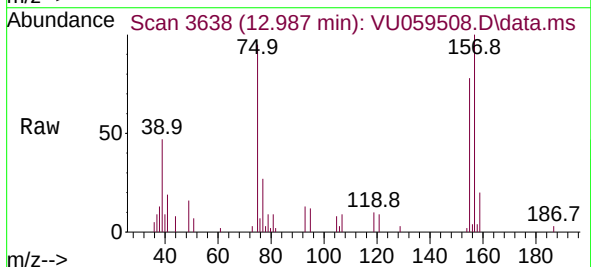
Tgt Ion: 75 Resp: 8823

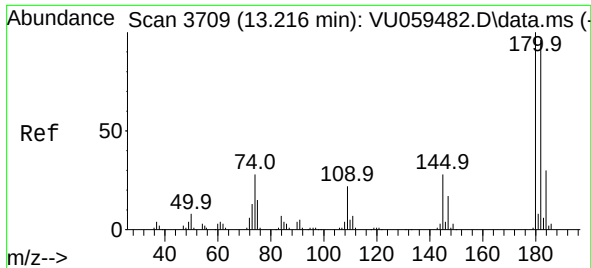
Ion Ratio Lower Upper

75 100

155 82.1 58.2 87.2

157 104.8 80.0 120.0





#69

1,3,5-Trichlorobenzene

Concen: 4.915 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.003 min

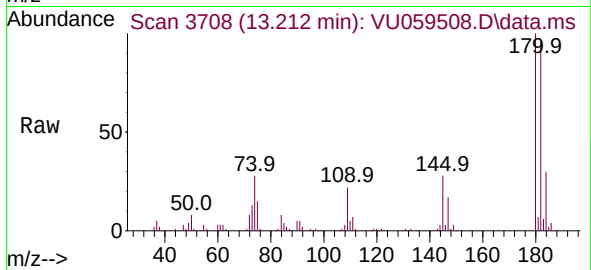
Lab File: VU059508.D

Acq: 26 Jun 2024 06:31

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 95190

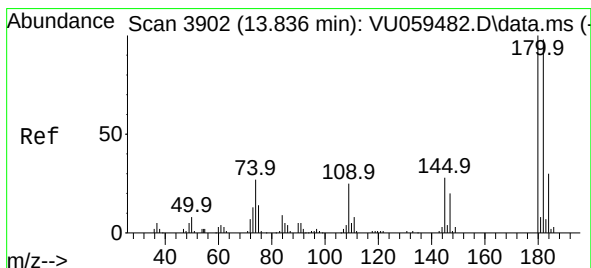
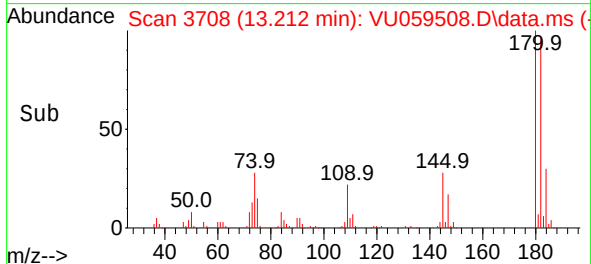
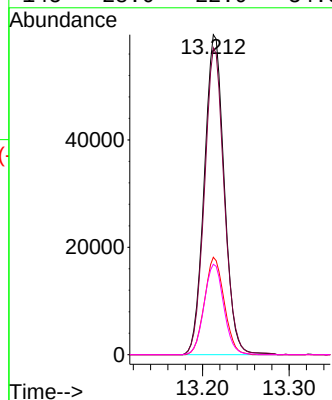
Ion Ratio Lower Upper

180 100

182 95.1 75.4 113.0

184 30.1 23.0 34.6

145 28.0 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 5.111 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.003 min

Lab File: VU059508.D

Acq: 26 Jun 2024 06:31

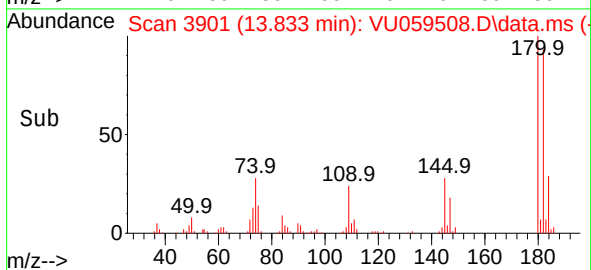
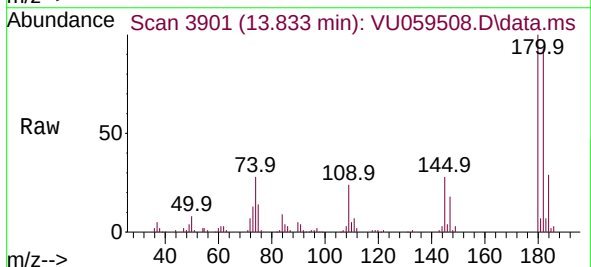
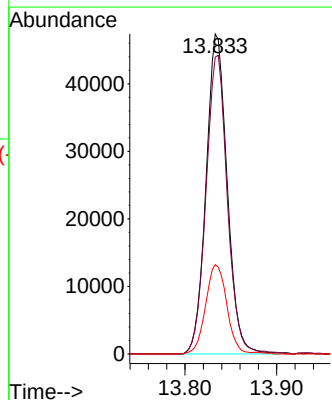
Tgt Ion:180 Resp: 75935

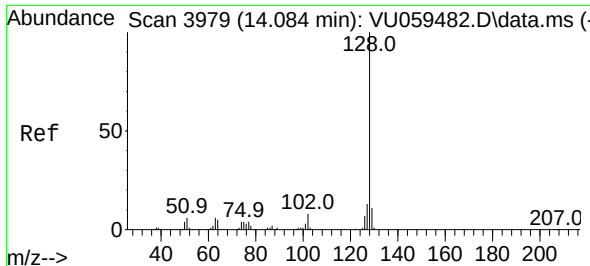
Ion Ratio Lower Upper

180 100

182 94.3 74.9 112.3

145 27.9 23.9 35.9

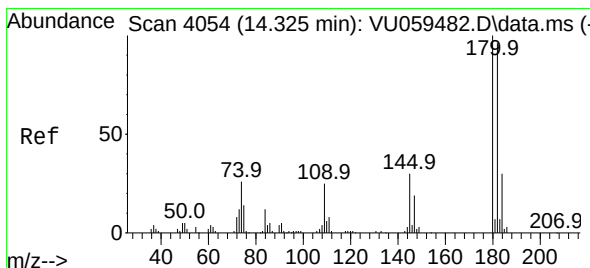
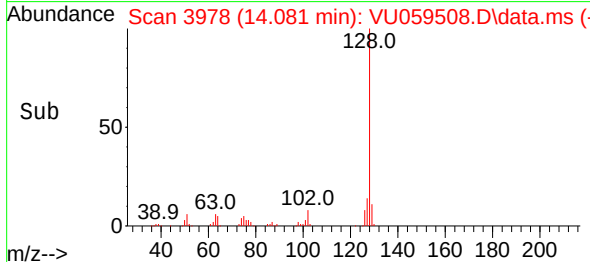
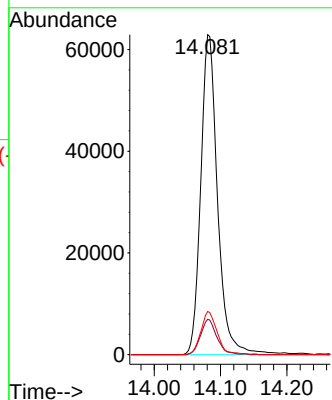
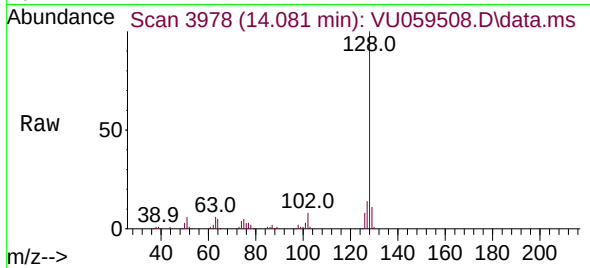




#71
Naphthalene
Concen: 5.201 ug/L
RT: 14.081 min Scan# 3979
Delta R.T. -0.003 min
Lab File: VU059508.D
Acq: 26 Jun 2024 06:31

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 110607
Ion Ratio Lower Upper
128 100
129 10.7 8.2 12.4
127 13.1 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.218 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU059508.D
Acq: 26 Jun 2024 06:31

Tgt Ion:180 Resp: 71986
Ion Ratio Lower Upper
180 100
182 95.4 77.0 115.6
145 30.2 26.2 39.4

