

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062424\
 Data File : VU059434.D
 Acq On : 24 Jun 2024 08:42
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 24 12:44:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 22 00:01:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	230871	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	223534	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	116232	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	45270	32.749	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.500%
7) Chloroethane-d5	1.907	69	45642	38.545	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.100%
11) 1,1-Dichloroethene-d2	2.563	63	97764	35.830	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.660%
21) 2-Butanone-d5	4.611	46	100132	76.852	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.850%
24) Chloroform-d	5.052	84	117377	42.654	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.300%
26) 1,2-Dichloroethane-d4	5.692	65	70467	41.780	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.560%
32) Benzene-d6	5.721	84	212973	41.512	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.020%
36) 1,2-Dichloropropane-d6	6.682	67	72981	41.256	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.520%
41) Toluene-d8	7.891	98	187464	43.043	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.080%
43) trans-1,3-Dichloroprop...	8.174	79	30129	42.136	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.280%
47) 2-Hexanone-d5	8.624	63	65058	79.531	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.530%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	128167	42.810	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.620%
66) 1,2-Dichlorobenzene-d4	12.187	152	80430	46.369	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.740%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	94697	40.482	ug/L	100
3) Chloromethane	1.518	50	100060	37.011	ug/L	100
5) Vinyl chloride	1.599	62	112304	42.275	ug/L	100
6) Bromomethane	1.849	94	73573	34.617	ug/L	100
8) Chloroethane	1.927	64	68701	41.471	ug/L	98
9) Trichlorofluoromethane	2.132	101	141311	45.712	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	88360	49.127	ug/L	92
12) 1,1-Dichloroethene	2.573	96	78143	47.901	ug/L	78
13) Acetone	2.615	43	111824	73.017	ug/L	98
14) Carbon disulfide	2.785	76	224701	40.899	ug/L	100
15) Methyl Acetate	2.939	43	93135	38.392	ug/L	95
16) Methylene chloride	3.036	84	95161	43.112	ug/L	89
17) trans-1,2-Dichloroethene	3.345	96	81628	46.360	ug/L	91
18) Methyl tert-butyl Ether	3.354	73	253398	44.305	ug/L	97
19) 1,1-Dichloroethane	3.859	63	160430	42.508	ug/L	96
20) cis-1,2-Dichloroethene	4.656	96	94885	47.291	ug/L	87
22) 2-Butanone	4.689	43	138496	74.696	ug/L	91
23) Bromochloromethane	4.965	128	51935	51.101	ug/L #	83
25) Chloroform	5.078	83	169244	46.312	ug/L	99

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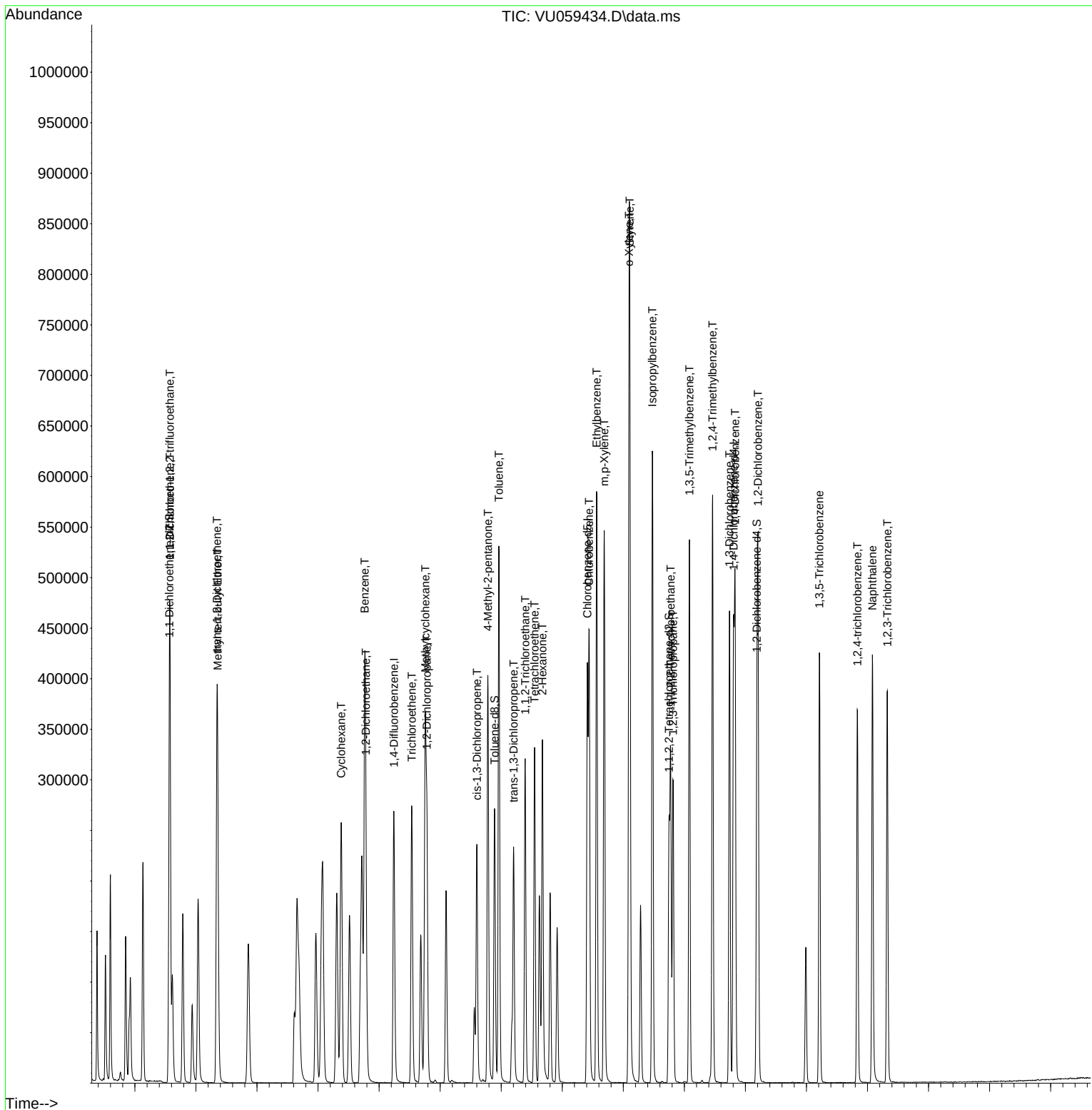
Instrument :
 MSVOA_U
 ClientSampleId :

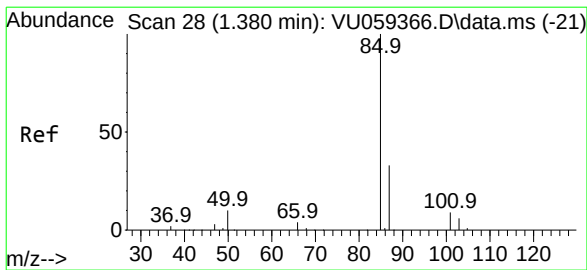
Quant Time: Jun 24 12:44:19 2024
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 Quant Title : VOC Analysis
 QLast Update : Sat Jun 22 00:01:31 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	129286	41.879	ug/L	96
29) Cyclohexane	5.380	56	125006	41.888	ug/L	92
30) 1,1,1-Trichloroethane	5.309	97	135248	46.535	ug/L	97
31) Carbon tetrachloride	5.515	117	114372	48.447	ug/L	100
33) Benzene	5.766	78	370408	45.890	ug/L	100
34) Trichloroethene	6.534	95	95547	48.344	ug/L	91
35) Methylcyclohexane	6.756	83	140134	48.223	ug/L	93
37) 1,2-Dichloropropane	6.782	63	100356	43.785	ug/L	99
38) Bromodichloromethane	7.097	83	125614	47.049	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	144669	45.619	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	243024	80.878	ug/L #	95
42) Toluene	7.962	91	399108	49.259	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	133172	46.386	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	100842	48.934	ug/L	98
46) Tetrachloroethene	8.547	164	76723	58.280	ug/L	92
48) 2-Hexanone	8.676	43	202303	79.827	ug/L #	96
49) Dibromochloromethane	8.801	129	98366	52.817	ug/L	96
50) 1,2-Dibromoethane	8.917	107	105343	49.556	ug/L	96
51) Chlorobenzene	9.441	112	249627	51.048	ug/L	95
52) Ethylbenzene	9.563	91	413082	49.454	ug/L	98
53) m,p-Xylene	9.688	106	159525	51.965	ug/L	96
54) o-Xylene	10.094	106	154132	51.807	ug/L	94
55) Styrene	10.106	104	274133	54.207	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.775	83	167266	44.556	ug/L	97
59) Bromoform	10.283	173	80086	52.551	ug/L	99
60) 1,2,3-Trichloropropane	10.814	75	129631	40.105	ug/L	97
61) Isopropylbenzene	10.476	105	409613	50.092	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	295111	49.810	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	319120	49.687	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	199574	52.219	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	198237	50.224	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	197508	49.445	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.991	75	33687	41.110	ug/L #	71
69) 1,3,5-Trichlorobenzene	13.212	180	139976	55.457	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	120886	59.965	ug/L	98
71) Naphthalene	14.080	128	348734	54.651	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	125090	61.033	ug/L	99

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

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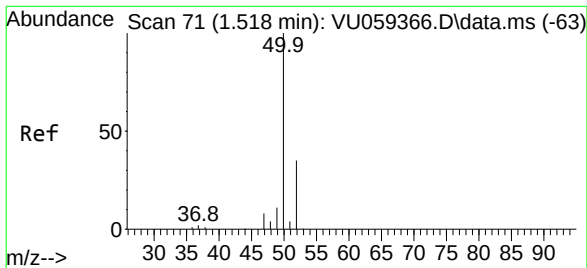
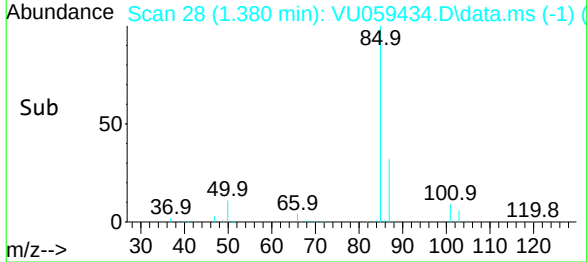
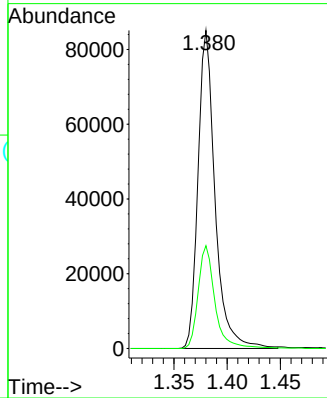
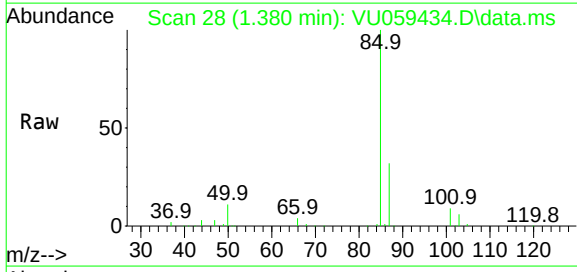




#2
Dichlorodifluoromethane
Concen: 40.482 ug/L
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU059434.D
Acq: 24 Jun 2024 08:42

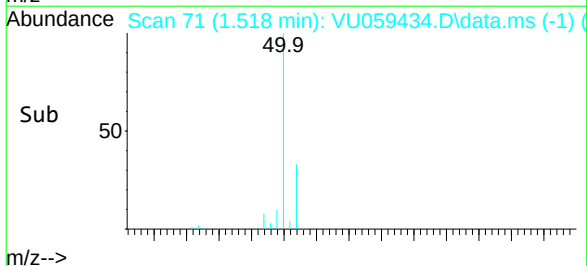
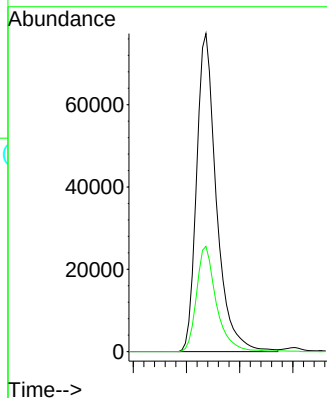
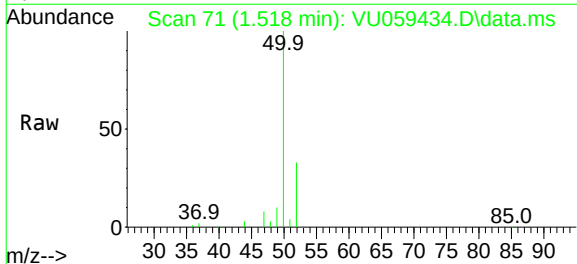
Instrument :
MSVOA_U
ClientSampleId :

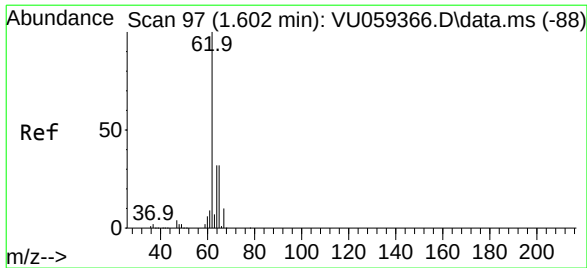
Tgt Ion: 85 Resp: 94697
Ion Ratio Lower Upper
85 100
87 31.9 25.4 38.2



#3
Chloromethane
Concen: 37.011 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU059434.D
Acq: 24 Jun 2024 08:42

Tgt Ion: 50 Resp: 100060
Ion Ratio Lower Upper
50 100
52 33.1 23.2 43.2





#5

Vinyl chloride

Concen: 42.275 ug/L

RT: 1.599 min Scan# 96

Delta R.T. -0.000 min

Lab File: VU059434.D

Acq: 24 Jun 2024 08:42

Instrument :

MSVOA_U

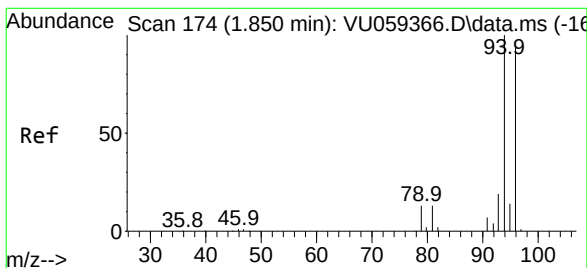
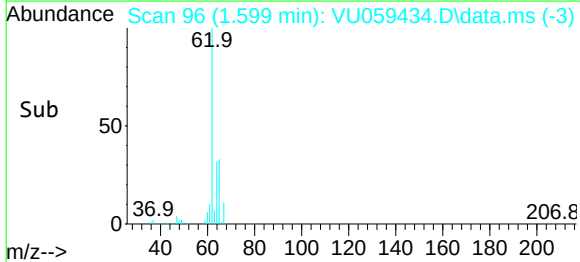
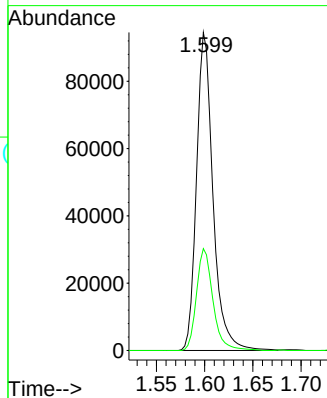
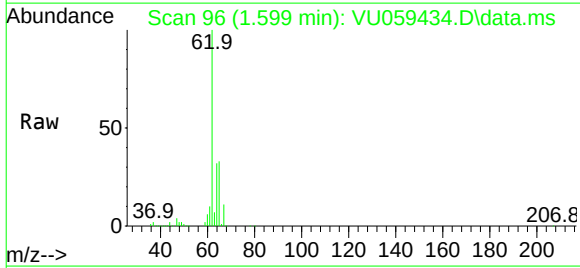
ClientSampleId :

Tgt Ion: 62 Resp: 112304

Ion Ratio Lower Upper

62 100

64 32.0 22.5 41.7



#6

Bromomethane

Concen: 34.617 ug/L

RT: 1.849 min Scan# 174

Delta R.T. -0.000 min

Lab File: VU059434.D

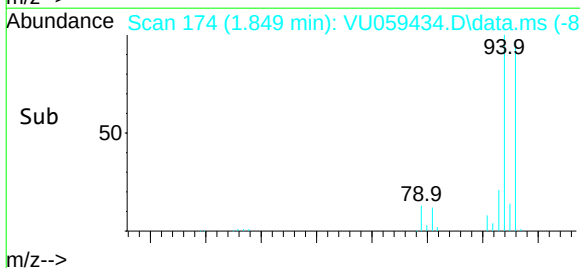
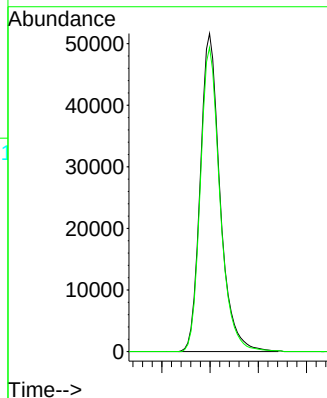
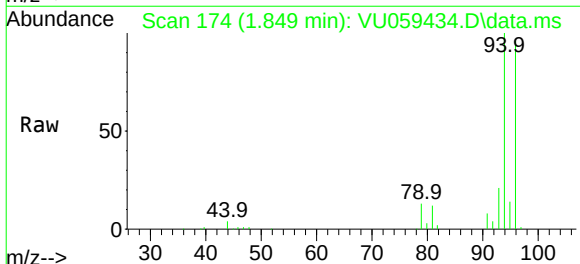
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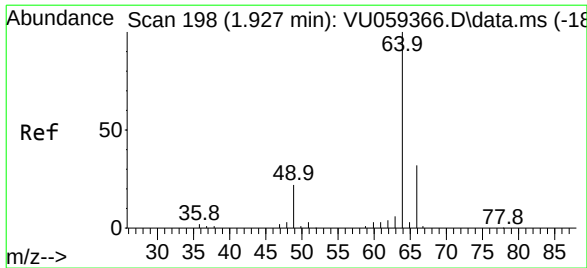
Tgt Ion: 94 Resp: 73573

Ion Ratio Lower Upper

94 100

96 95.6 67.1 124.7

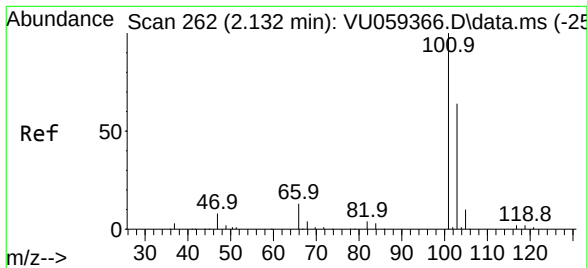
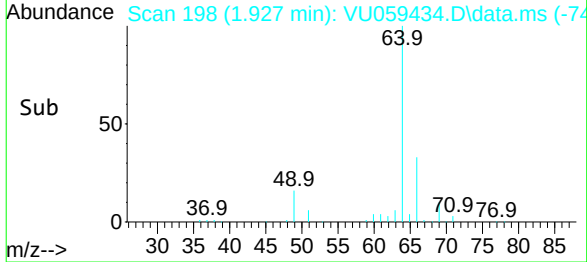
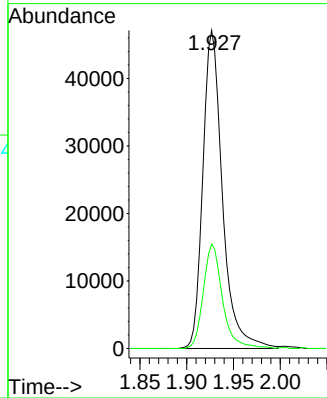
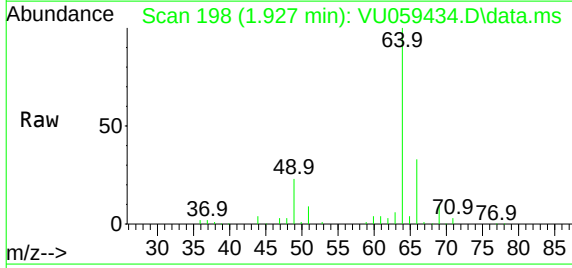




#8
Chloroethane
Concen: 41.471 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU059434.D
Acq: 24 Jun 2024 08:42

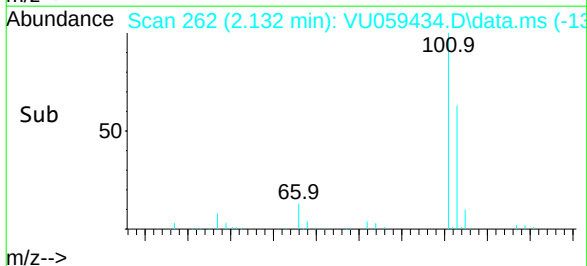
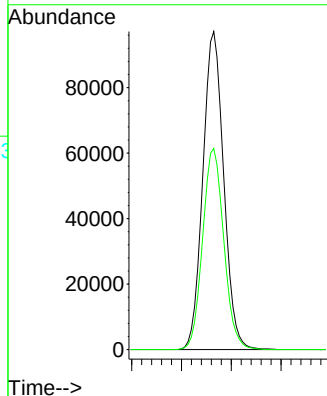
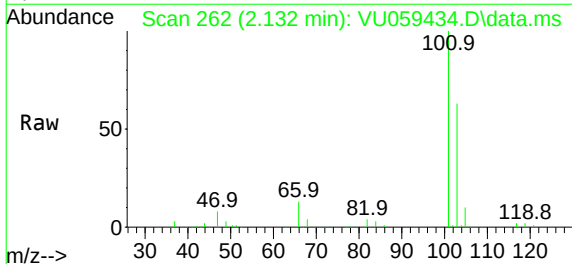
Instrument :
MSVOA_U
ClientSampleId :

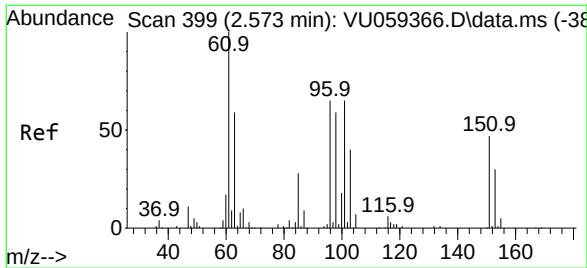
Tgt Ion: 64 Resp: 68701
Ion Ratio Lower Upper
64 100
66 32.8 22.1 41.1



#9
Trichlorofluoromethane
Concen: 45.712 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU059434.D
Acq: 24 Jun 2024 08:42

Tgt Ion: 101 Resp: 141311
Ion Ratio Lower Upper
101 100
103 64.2 51.8 77.6

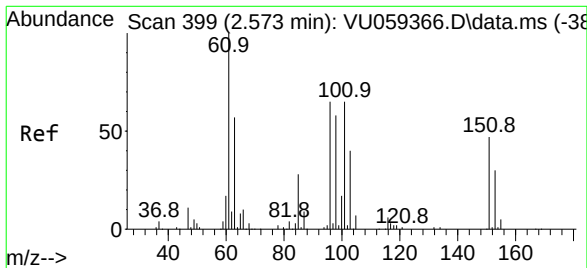
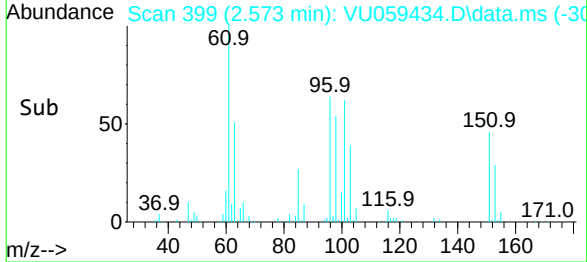
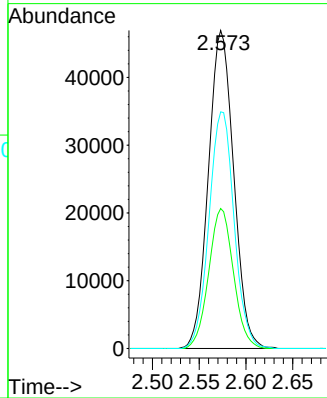
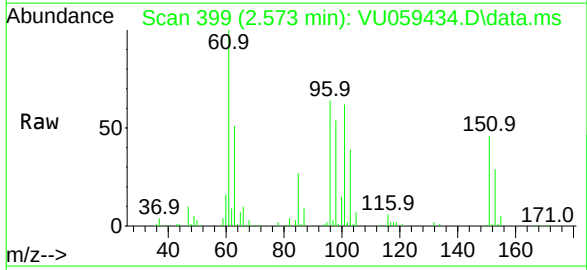




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 49.127 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU059434.D
Acq: 24 Jun 2024 08:42

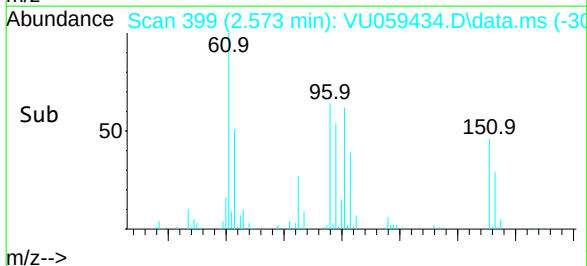
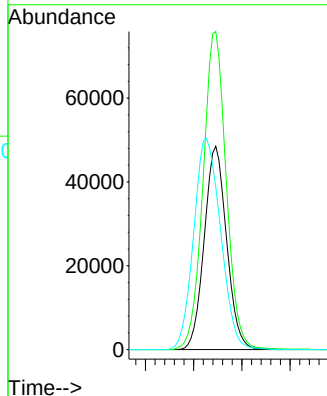
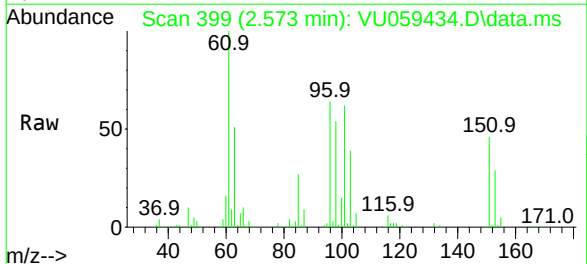
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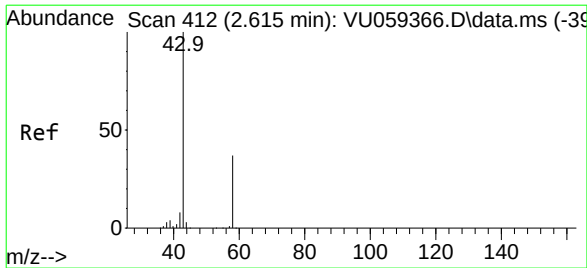
Tgt Ion:	101	Resp:	88360
Ion	Ratio	Lower	Upper
101	100		
85	42.9	36.7	55.1
151	73.9	52.2	78.2



#12
1,1-Dichloroethene
Concen: 47.901 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU059434.D
Acq: 24 Jun 2024 08:42

Tgt Ion:	96	Resp:	78143
Ion	Ratio	Lower	Upper
96	100		
61	156.4	126.3	234.6
63	79.8	78.7	146.1





#13

Acetone

Concen: 73.017 ug/L

RT: 2.615 min Scan# 41

Delta R.T. -0.000 min

Lab File: VU059434.D

Acq: 24 Jun 2024 08:42

Instrument :

MSVOA_U

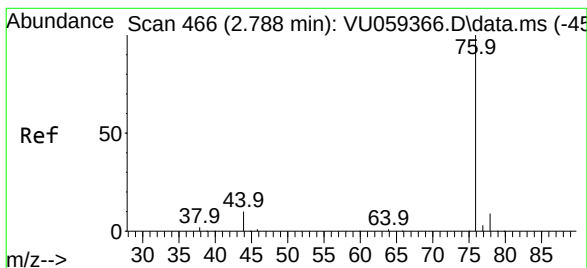
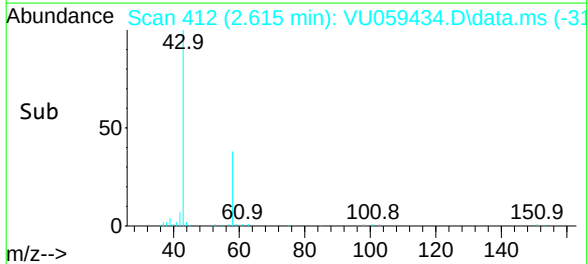
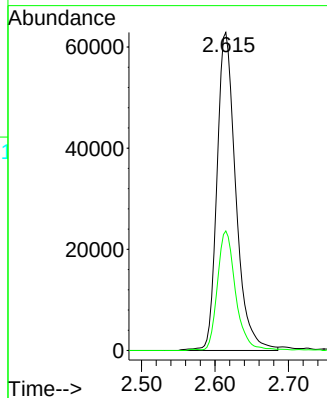
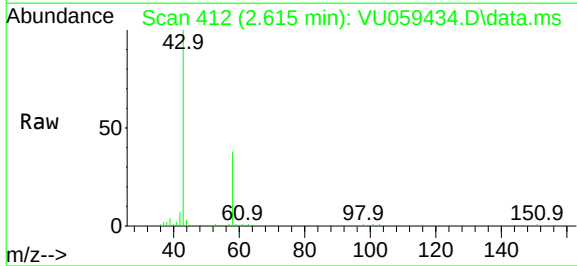
ClientSampleId :

Tgt Ion: 43 Resp: 111824

Ion Ratio Lower Upper

43 100

58 35.5 0.0 68.8



#14

Carbon disulfide

Concen: 40.899 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU059434.D

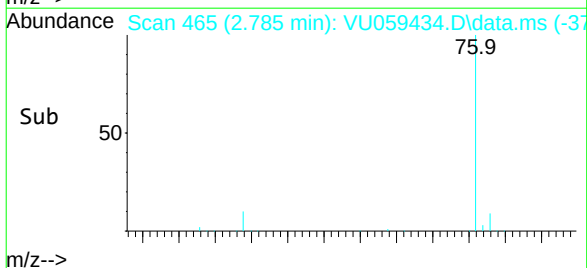
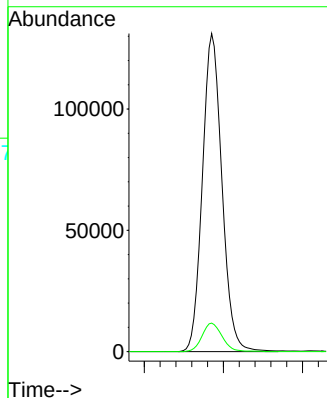
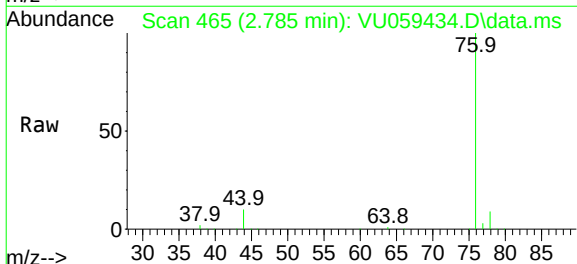
Acq: 24 Jun 2024 08:42

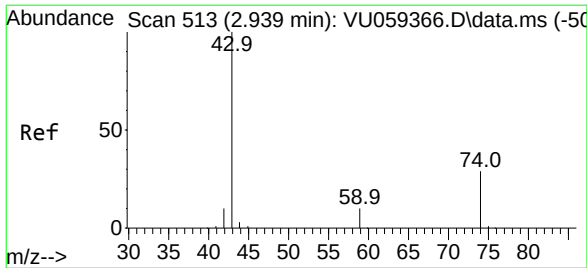
Tgt Ion: 76 Resp: 224701

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8

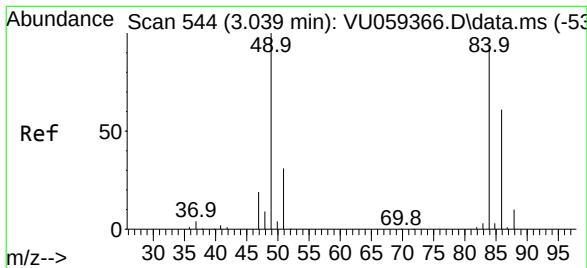
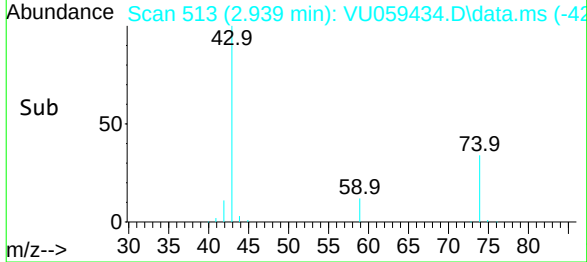
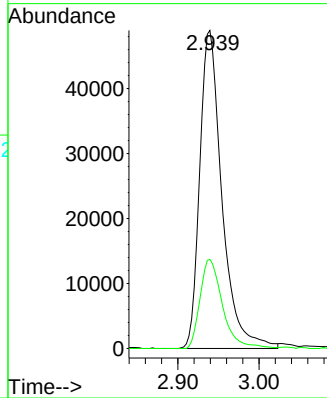
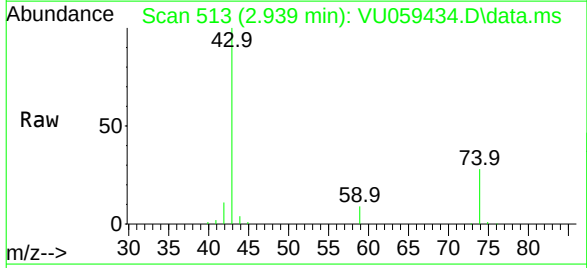




#15
Methyl Acetate
Concen: 38.392 ug/L
RT: 2.939 min Scan# 513
Delta R.T. -0.000 min
Lab File: VU059434.D
Acq: 24 Jun 2024 08:42

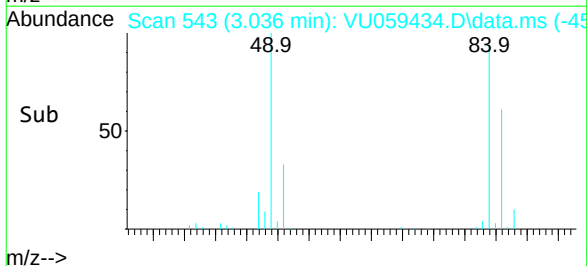
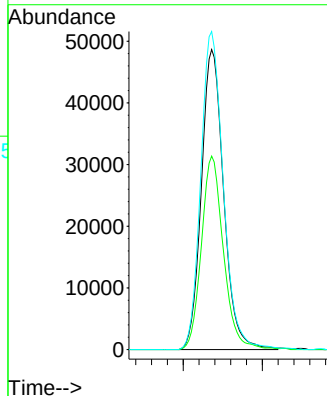
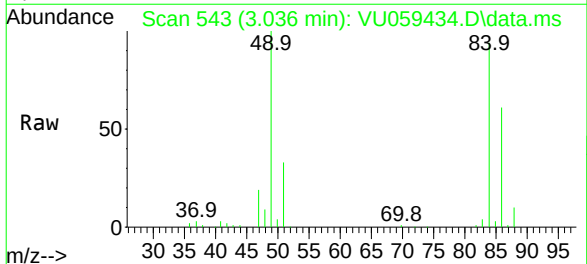
Instrument :
MSVOA_U
ClientSampleId :

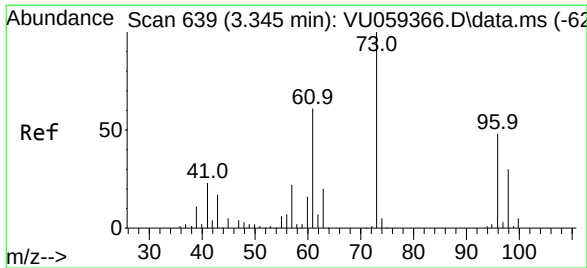
Tgt Ion: 43 Resp: 93135
Ion Ratio Lower Upper
43 100
74 28.3 20.8 31.2



#16
Methylene chloride
Concen: 43.112 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.000 min
Lab File: VU059434.D
Acq: 24 Jun 2024 08:42

Tgt Ion: 84 Resp: 95161
Ion Ratio Lower Upper
84 100
86 64.5 44.9 83.3
49 106.0 87.5 162.5

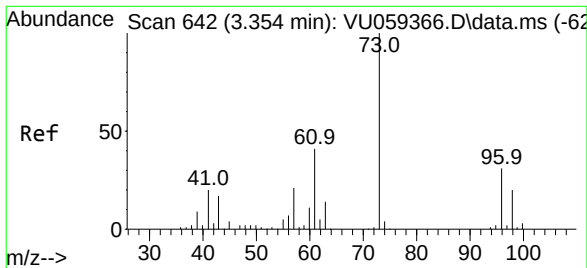
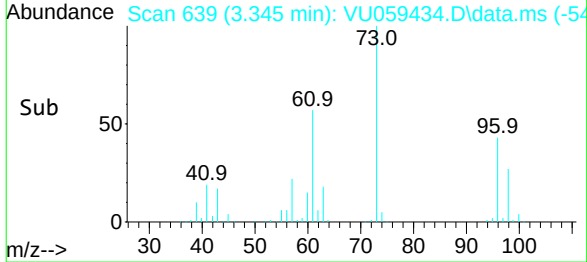
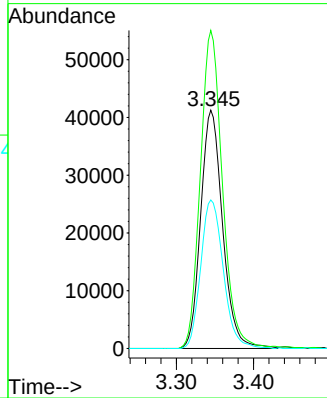
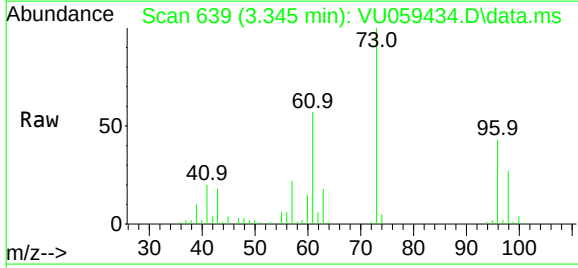




#17
trans-1,2-Dichloroethene
Concen: 46.360 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.000 min
Lab File: VU059434.D
Acq: 24 Jun 2024 08:42

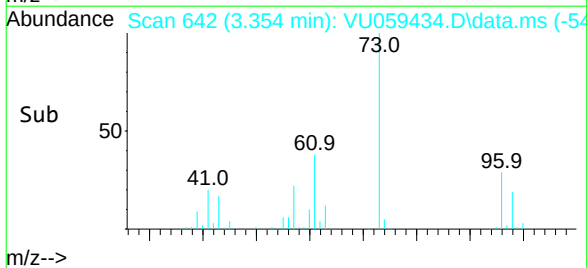
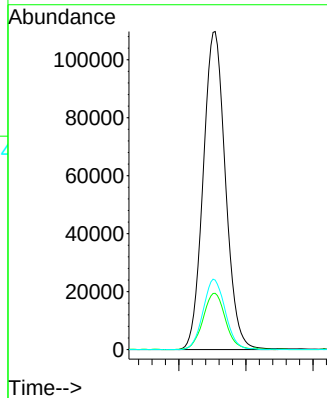
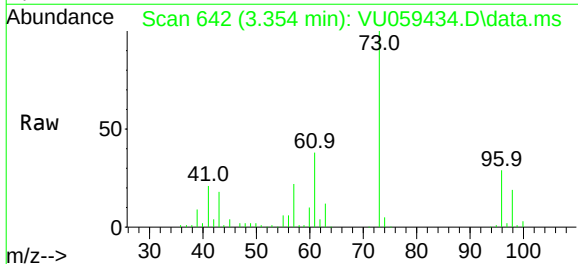
Instrument :
MSVOA_U
ClientSampleId :

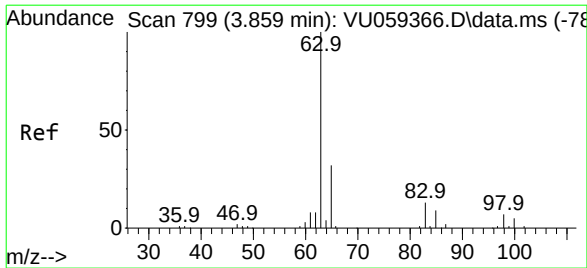
Tgt Ion: 96 Resp: 81628
Ion Ratio Lower Upper
96 100
61 133.5 103.5 192.3
98 62.3 42.4 78.6



#18
Methyl tert-butyl Ether
Concen: 44.305 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU059434.D
Acq: 24 Jun 2024 08:42

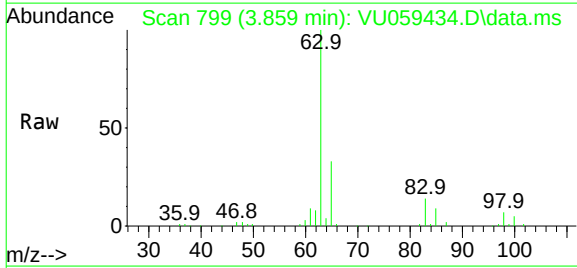
Tgt Ion: 73 Resp: 253398
Ion Ratio Lower Upper
73 100
43 17.8 15.6 23.4
57 21.9 18.6 28.0



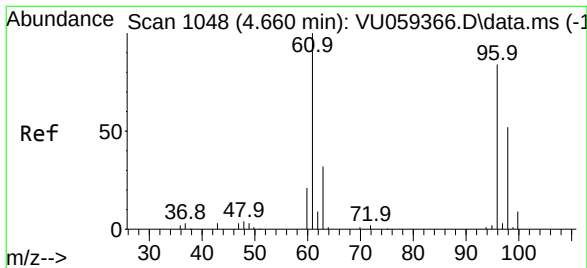
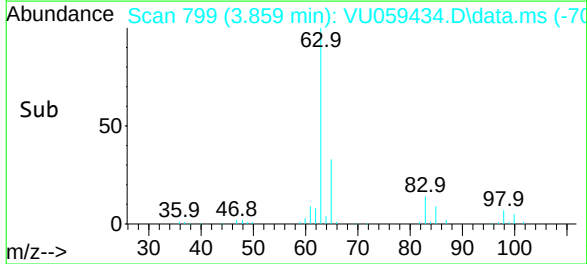
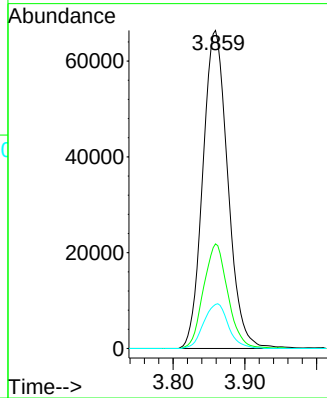


#19
1,1-Dichloroethane
Concen: 42.508 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU059434.D
Acq: 24 Jun 2024 08:42

Instrument :
MSVOA_U
ClientSampleId :

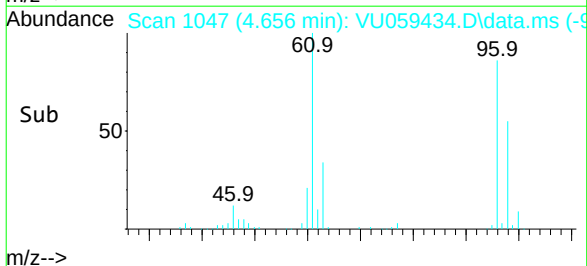
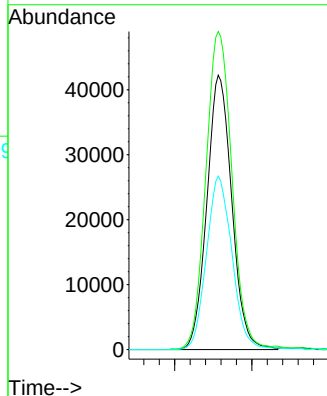
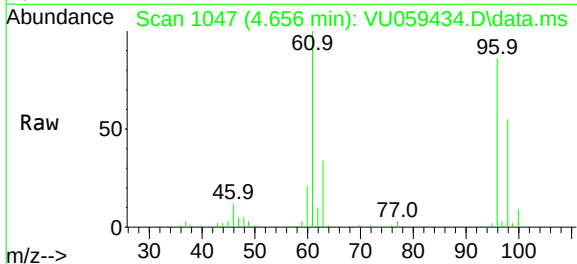


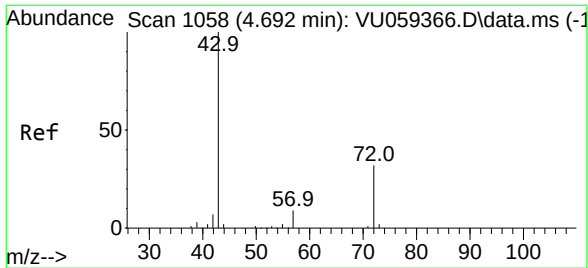
Tgt Ion: 63 Resp: 160430
Ion Ratio Lower Upper
63 100
65 32.9 21.3 39.5
83 13.9 8.8 16.3



#20
cis-1,2-Dichloroethene
Concen: 47.291 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU059434.D
Acq: 24 Jun 2024 08:42

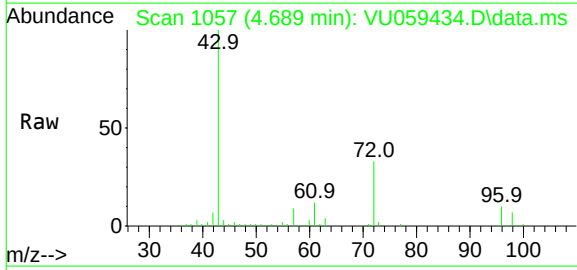
Tgt Ion: 96 Resp: 94885
Ion Ratio Lower Upper
96 100
61 115.9 96.2 178.6
98 63.2 45.6 84.6



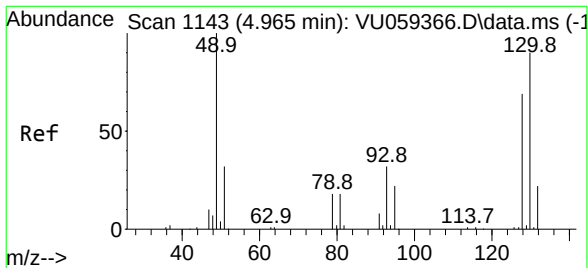
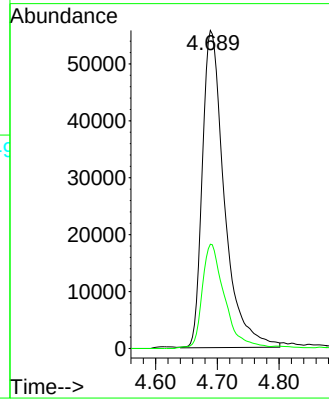
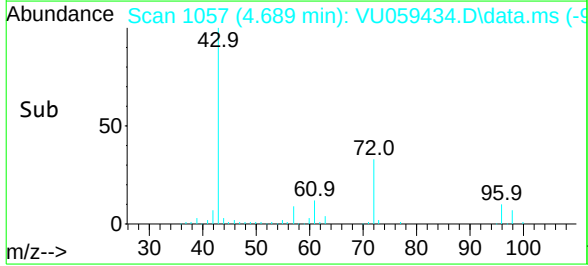


#22
2-Butanone
Concen: 74.696 ug/L
RT: 4.689 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VU059434.D
Acq: 24 Jun 2024 08:42

Instrument :
MSVOA_U
ClientSampleId :

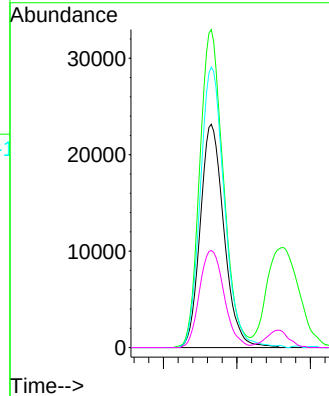
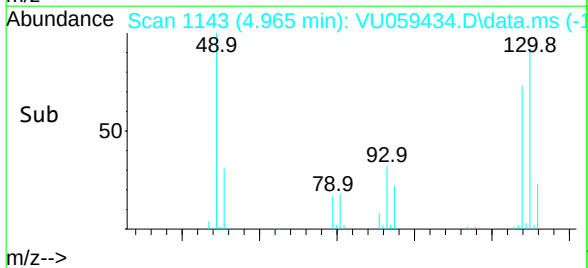
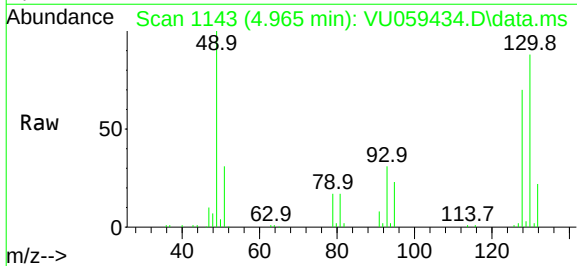


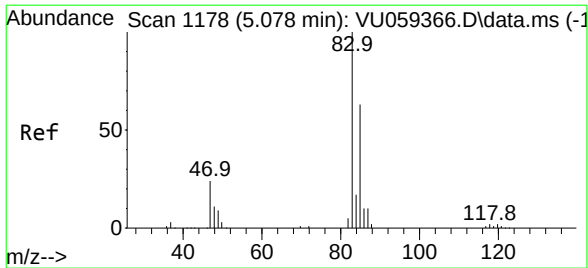
Tgt Ion: 43 Resp: 138496
Ion Ratio Lower Upper
43 100
72 33.4 14.2 42.8



#23
Bromochloromethane
Concen: 51.101 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VU059434.D
Acq: 24 Jun 2024 08:42

Tgt Ion: 128 Resp: 51935
Ion Ratio Lower Upper
128 100
49 142.4 128.4 238.4
130 125.6 86.9 161.3
51 43.5 44.7 67.1#

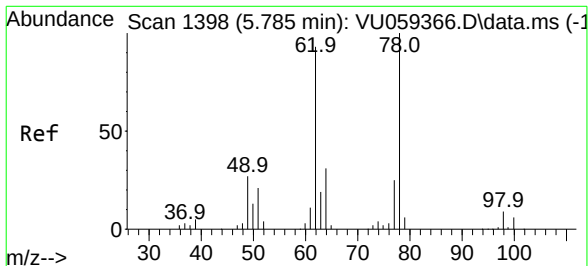
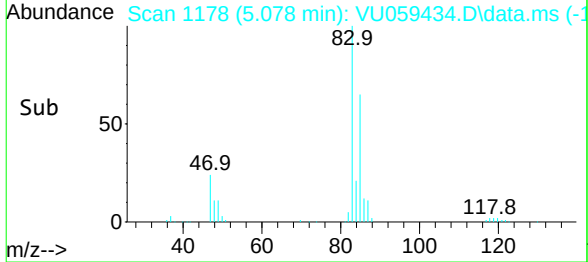
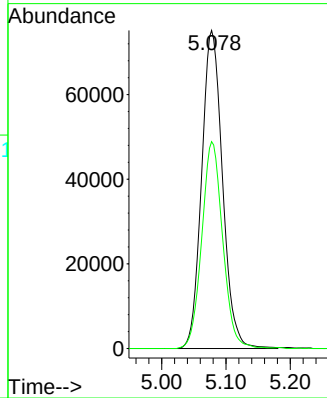
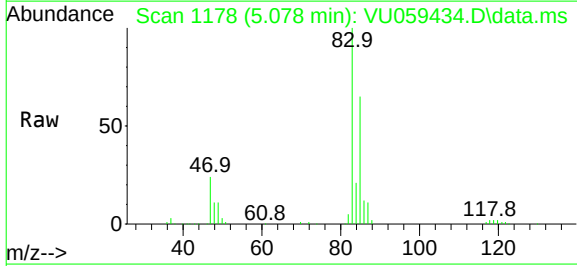




#25
Chloroform
Concen: 46.312 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU059434.D
Acq: 24 Jun 2024 08:42

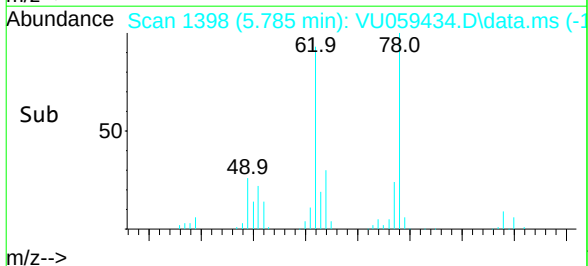
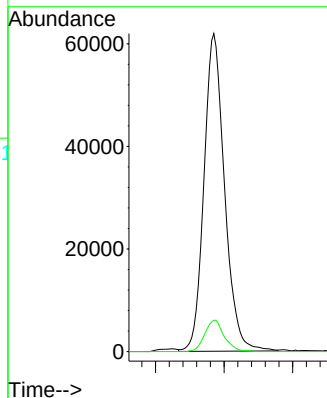
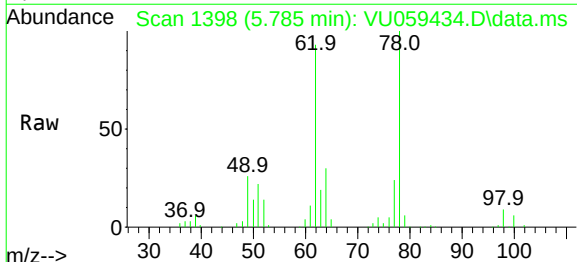
Instrument :
MSVOA_U
ClientSampleId :

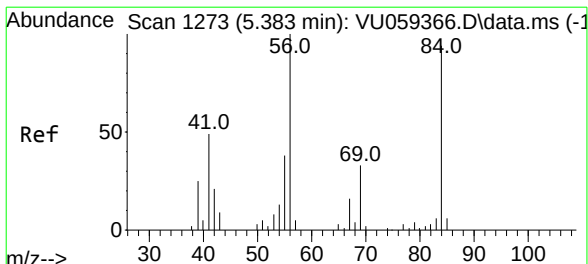
Tgt Ion: 83 Resp: 169244
Ion Ratio Lower Upper
83 100
85 65.0 46.1 85.7



#27
1,2-Dichloroethane
Concen: 41.879 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VU059434.D
Acq: 24 Jun 2024 08:42

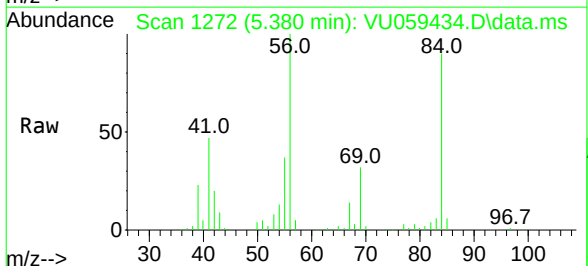
Tgt Ion: 62 Resp: 129286
Ion Ratio Lower Upper
62 100
98 9.9 6.9 10.3



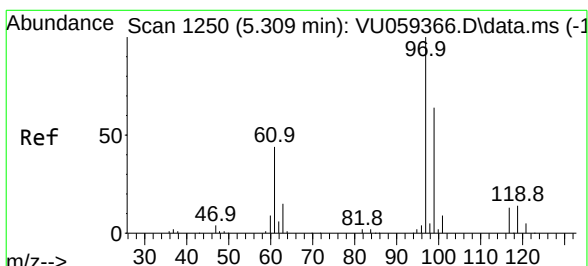
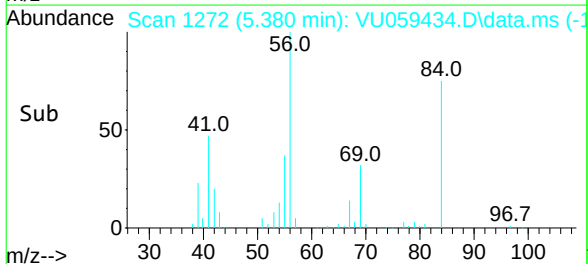
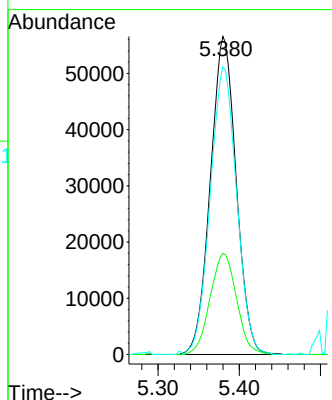


#29
Cyclohexane
Concen: 41.888 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.003 min
Lab File: VU059434.D
Acq: 24 Jun 2024 08:42

Instrument :
MSVOA_U
ClientSampleId :

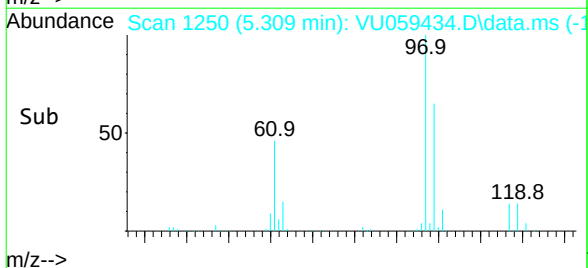
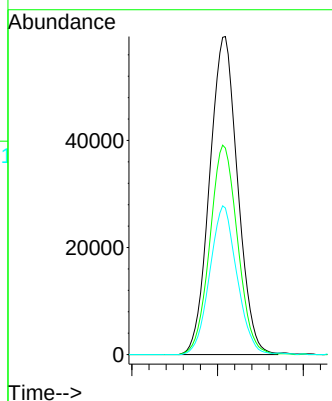
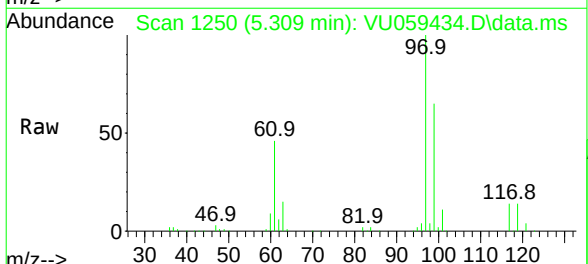


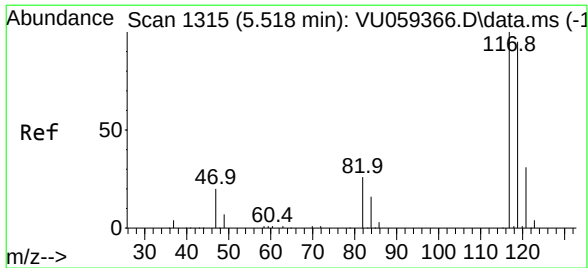
Tgt Ion:	56	Resp:	125006
Ion	Ratio	Lower	Upper
56	100		
69	32.5	24.6	37.0
84	92.5	67.4	101.0



#30
1,1,1-Trichloroethane
Concen: 46.535 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.000 min
Lab File: VU059434.D
Acq: 24 Jun 2024 08:42

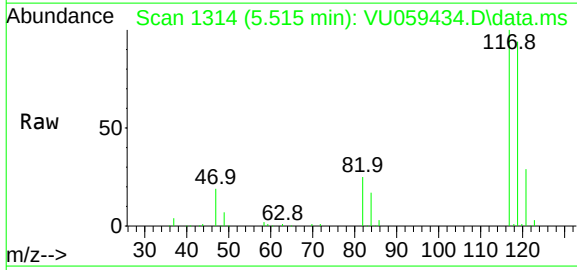
Tgt Ion:	97	Resp:	135248
Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.6	77.4
61	45.3	39.1	58.7



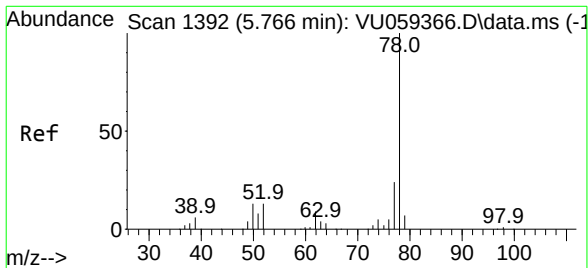
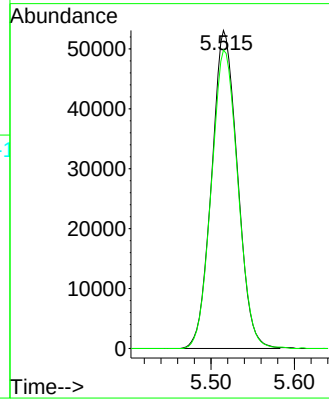
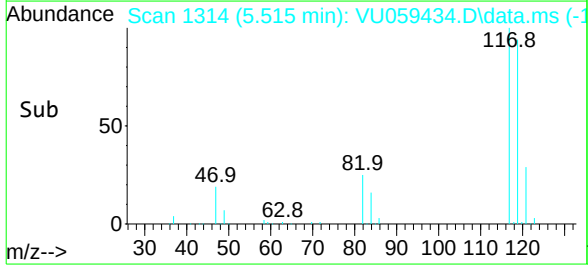


#31
Carbon tetrachloride
Concen: 48.447 ug/L
RT: 5.515 min Scan# 1315
Delta R.T. -0.003 min
Lab File: VU059434.D
Acq: 24 Jun 2024 08:42

Instrument :
MSVOA_U
ClientSampleId :

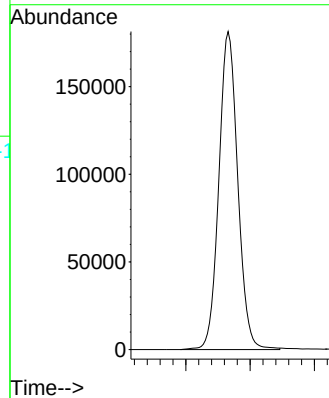
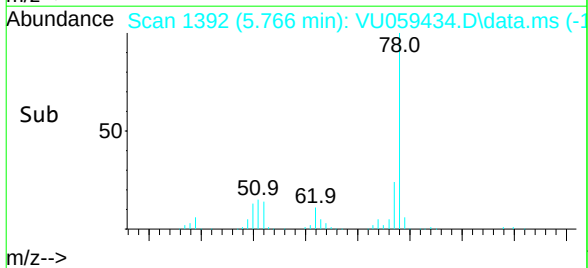
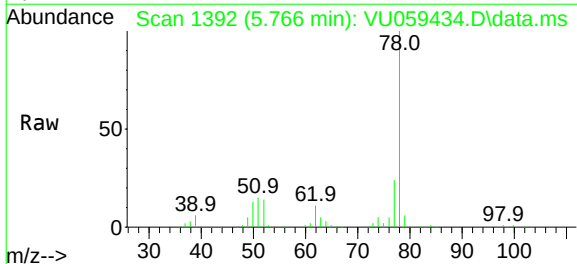


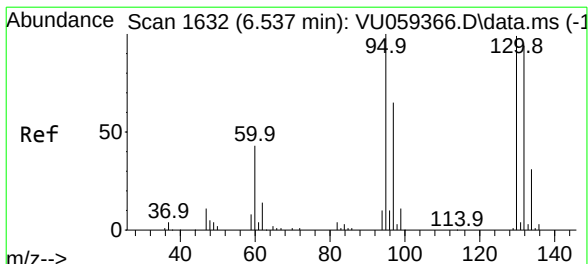
Tgt Ion:117 Resp: 114372
Ion Ratio Lower Upper
117 100
119 96.4 76.9 115.3



#33
Benzene
Concen: 45.890 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU059434.D
Acq: 24 Jun 2024 08:42

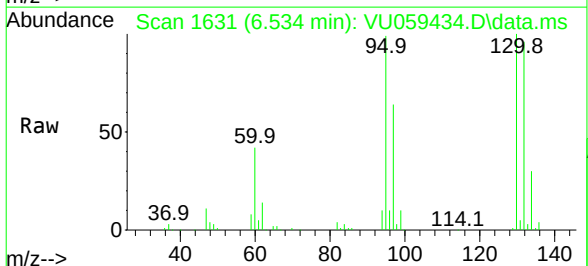
Tgt Ion: 78 Resp: 370408



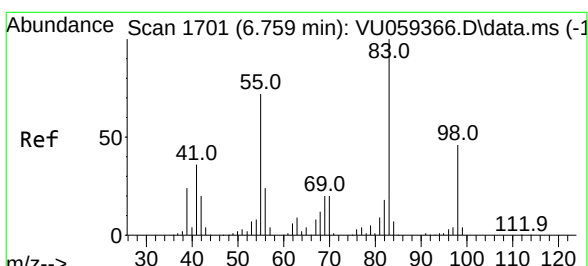
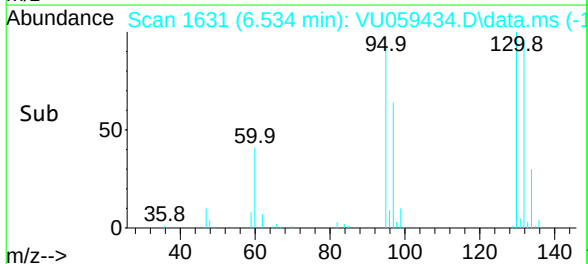
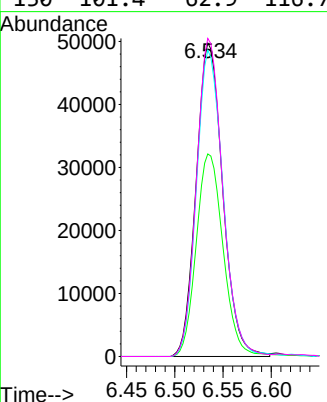


#34
 Trichloroethene
 Concen: 48.344 ug/L
 RT: 6.534 min Scan# 16
 Delta R.T. -0.003 min
 Lab File: VU059434.D
 Acq: 24 Jun 2024 08:42

Instrument :
 MSVOA_U
 ClientSampleId :

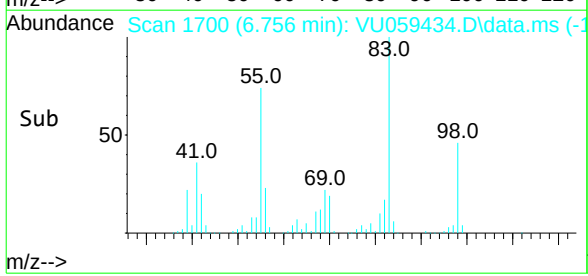
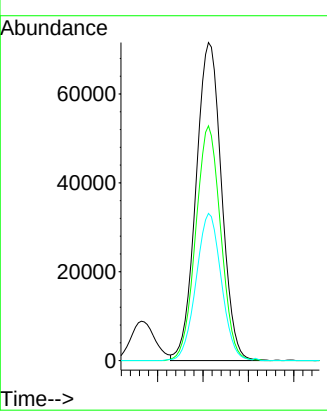
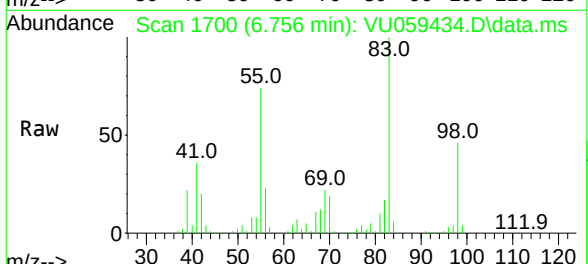


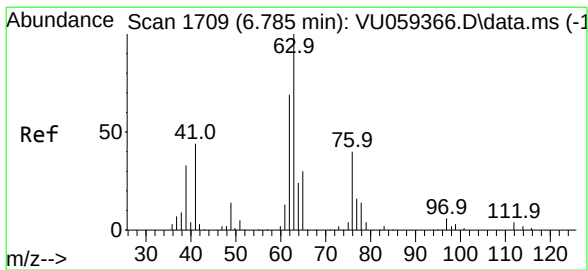
Tgt Ion:	95	Resp:	95547
Ion	Ratio	Lower	Upper
95	100		
97	64.6	45.2	84.0
132	97.7	60.6	112.6
130	101.4	62.9	116.7



#35
 Methylcyclohexane
 Concen: 48.223 ug/L
 RT: 6.756 min Scan# 1700
 Delta R.T. -0.003 min
 Lab File: VU059434.D
 Acq: 24 Jun 2024 08:42

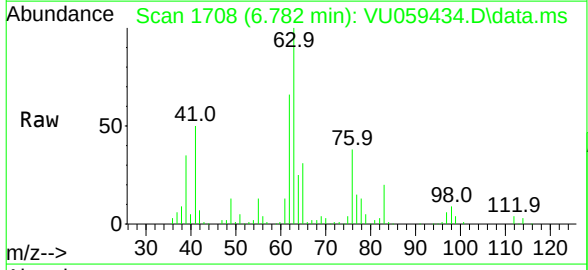
Tgt Ion:	83	Resp:	140134
Ion	Ratio	Lower	Upper
83	100		
55	72.1	63.9	95.9
98	45.6	34.7	52.1



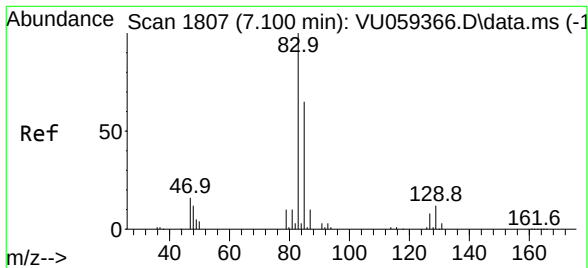
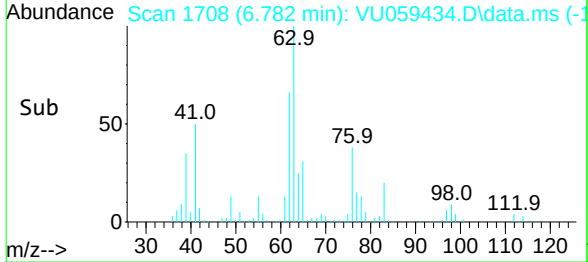
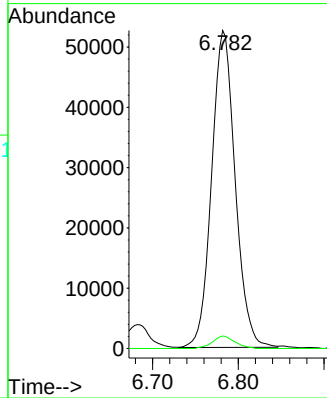


#37
1,2-Dichloropropane
Concen: 43.785 ug/L
RT: 6.782 min Scan# 1709
Delta R.T. -0.000 min
Lab File: VU059434.D
Acq: 24 Jun 2024 08:42

Instrument :
MSVOA_U
ClientSampleId :

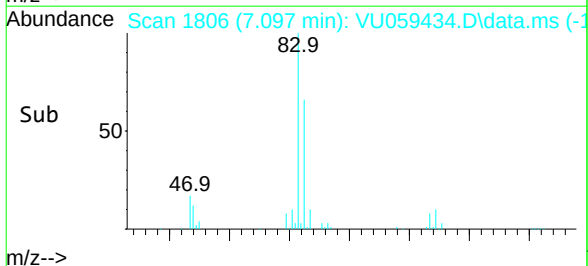
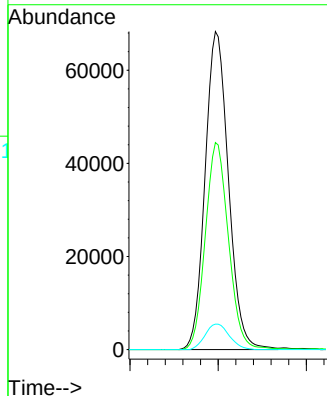
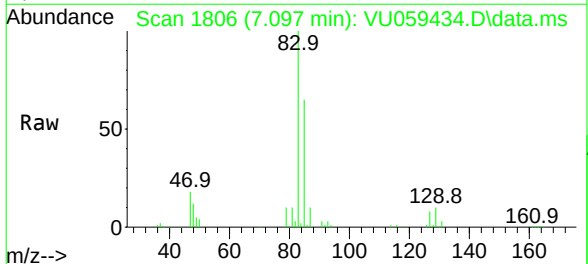


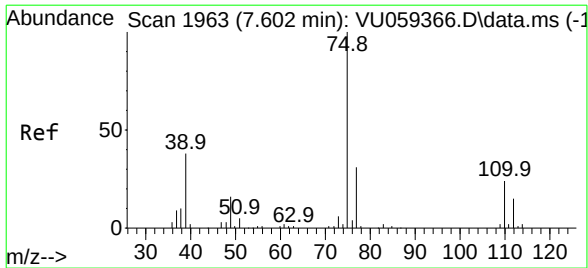
Tgt Ion: 63 Resp: 100356
Ion Ratio Lower Upper
63 100
112 3.7 2.6 4.0



#38
Bromodichloromethane
Concen: 47.049 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.003 min
Lab File: VU059434.D
Acq: 24 Jun 2024 08:42

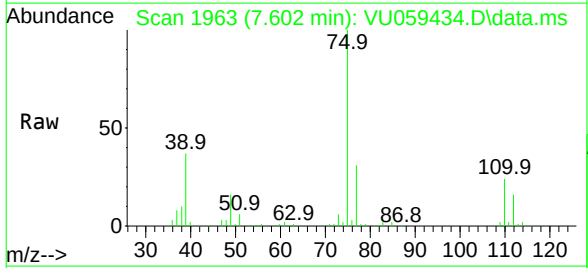
Tgt Ion: 83 Resp: 125614
Ion Ratio Lower Upper
83 100
85 65.1 44.0 81.6
127 8.0 7.0 10.6



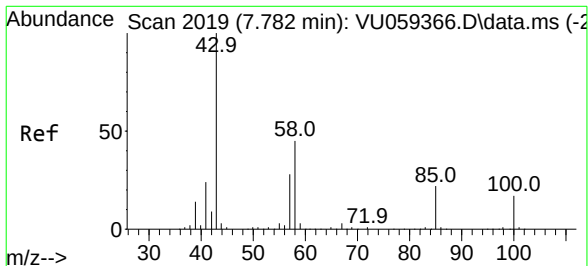
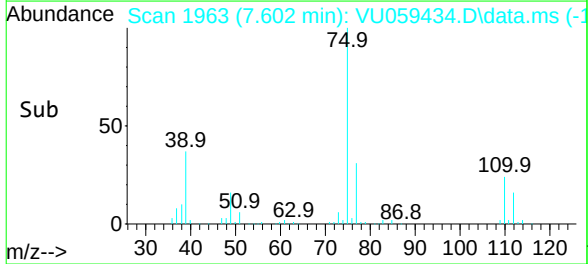
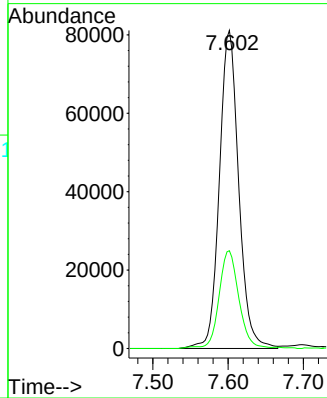


#39
 cis-1,3-Dichloropropene
 Concen: 45.619 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU059434.D
 Acq: 24 Jun 2024 08:42

Instrument :
 MSVOA_U
 ClientSampleId :

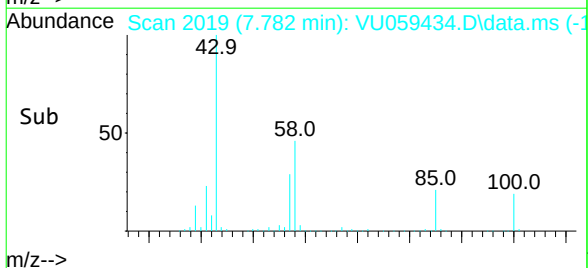
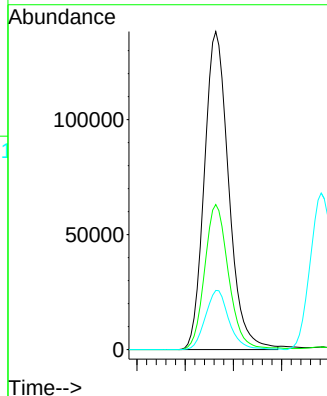
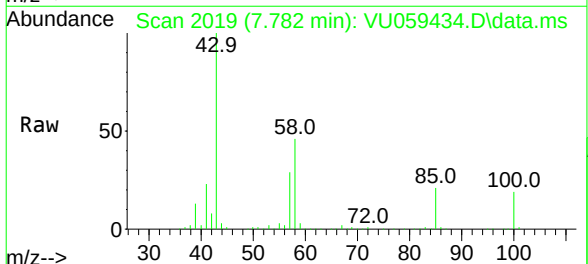


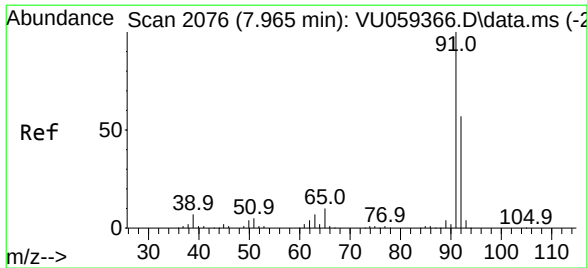
Tgt Ion: 75 Resp: 144669
 Ion Ratio Lower Upper
 75 100
 77 30.7 21.2 39.4



#40
 4-Methyl-2-pentanone
 Concen: 80.878 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU059434.D
 Acq: 24 Jun 2024 08:42

Tgt Ion: 43 Resp: 243024
 Ion Ratio Lower Upper
 43 100
 58 44.7 33.7 50.5
 100 18.1 11.4 17.0#





#42

Toluene

Concen: 49.259 ug/L

RT: 7.962 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU059434.D

Acq: 24 Jun 2024 08:42

Instrument :

MSVOA_U

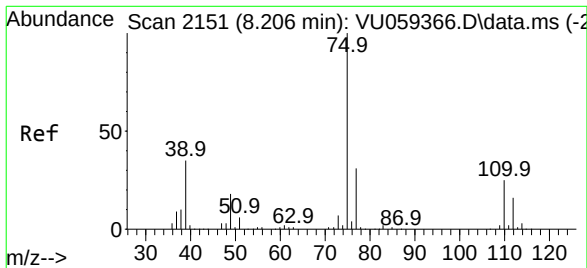
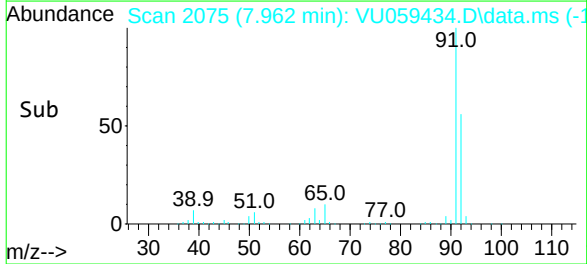
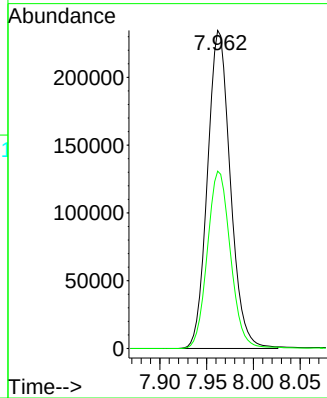
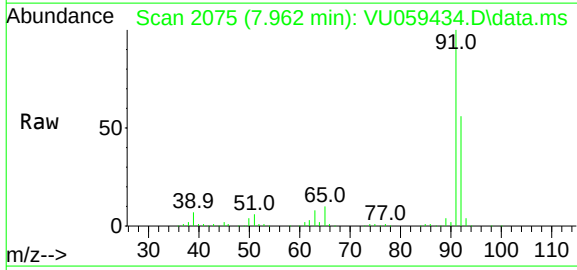
ClientSampleId :

Tgt Ion: 91 Resp: 399108

Ion Ratio Lower Upper

91 100

92 55.8 39.4 73.2



#44

trans-1,3-Dichloropropene

Concen: 46.386 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU059434.D

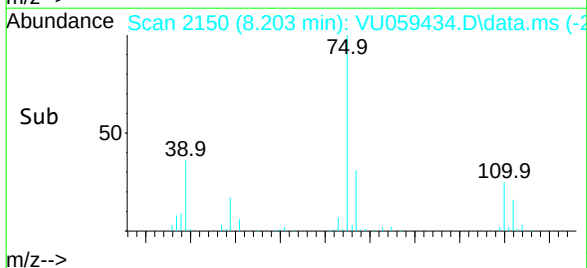
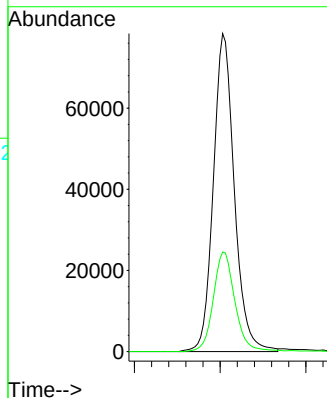
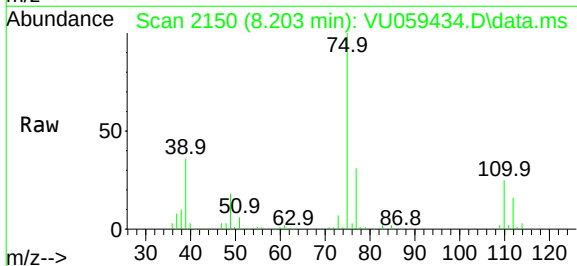
Acq: 24 Jun 2024 08:42

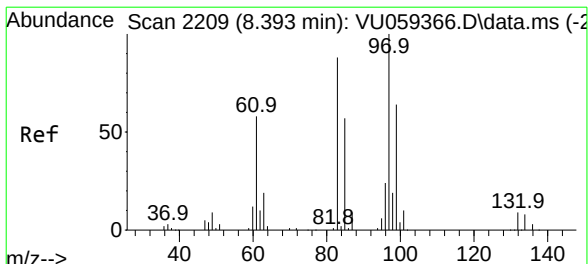
Tgt Ion: 75 Resp: 133172

Ion Ratio Lower Upper

75 100

77 31.3 22.0 40.8



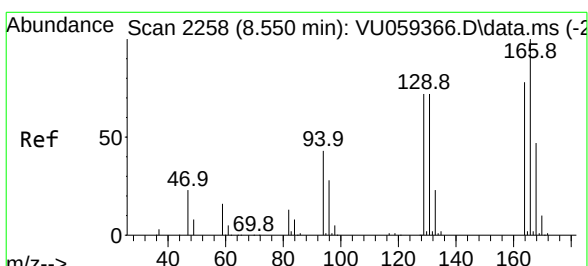
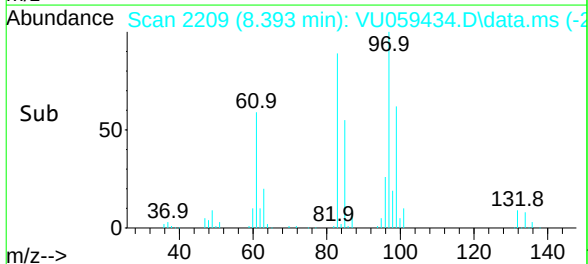
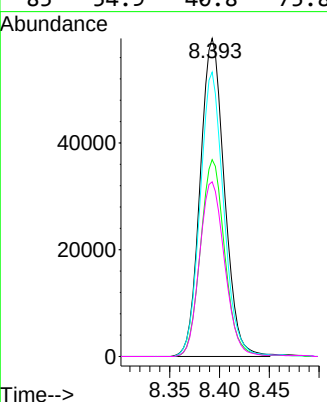
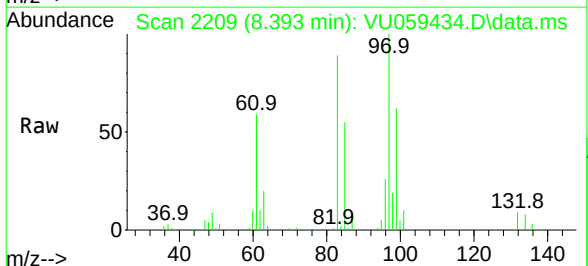


#45
 1,1,2-Trichloroethane
 Concen: 48.934 ug/L
 RT: 8.393 min Scan# 2209
 Delta R.T. -0.000 min
 Lab File: VU059434.D
 Acq: 24 Jun 2024 08:42

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 97 Resp: 100842

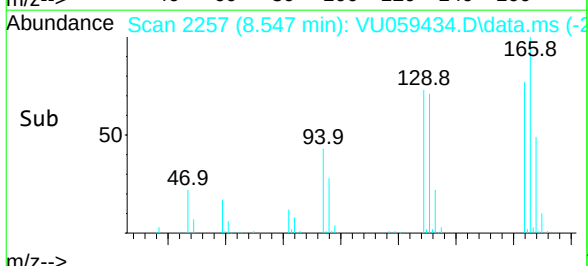
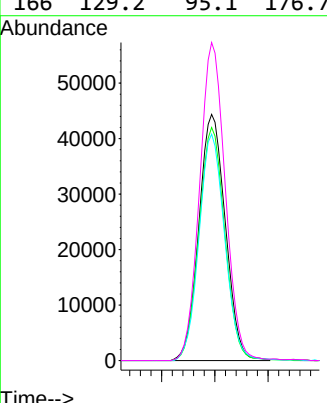
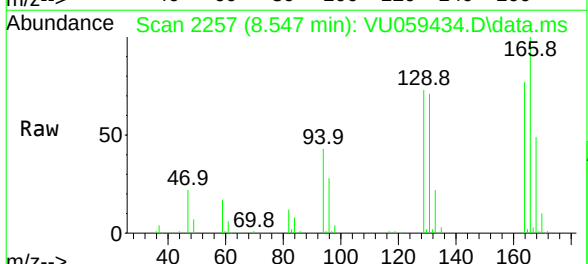
Ion	Ratio	Lower	Upper
97	100		
99	61.9	44.0	81.6
83	89.4	63.6	118.2
85	54.9	40.8	75.8

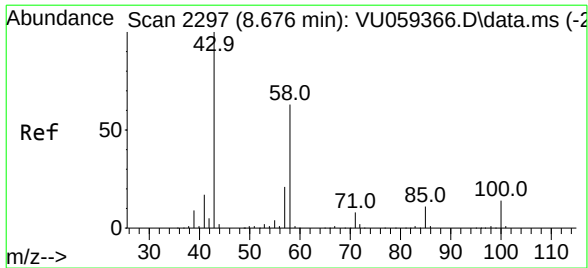


#46
 Tetrachloroethene
 Concen: 58.280 ug/L
 RT: 8.547 min Scan# 2257
 Delta R.T. -0.003 min
 Lab File: VU059434.D
 Acq: 24 Jun 2024 08:42

Tgt Ion: 164 Resp: 76723

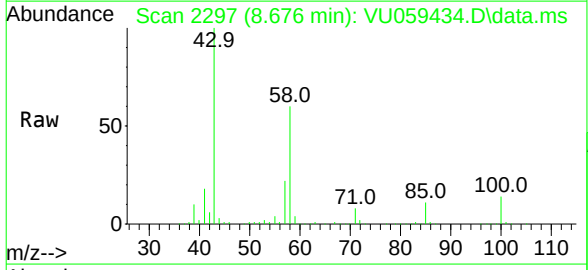
Ion	Ratio	Lower	Upper
164	100		
129	94.7	74.5	138.5
131	92.0	70.6	131.0
166	129.2	95.1	176.7



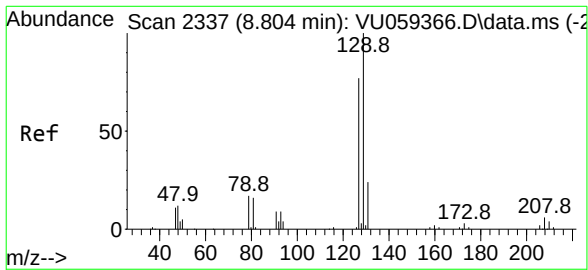
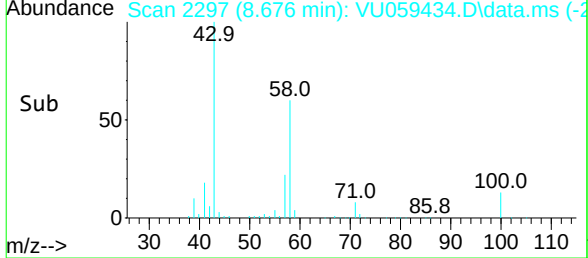
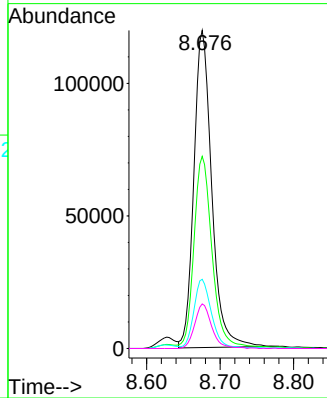


#48
2-Hexanone
Concen: 79.827 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VU059434.D
Acq: 24 Jun 2024 08:42

Instrument :
MSVOA_U
ClientSampleId :

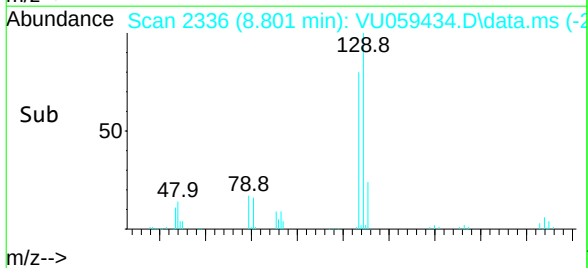
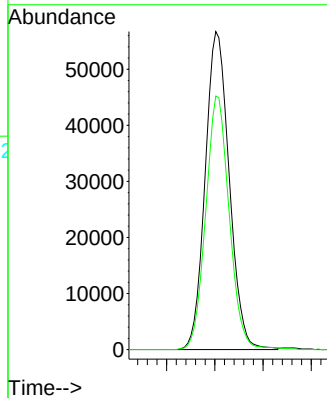
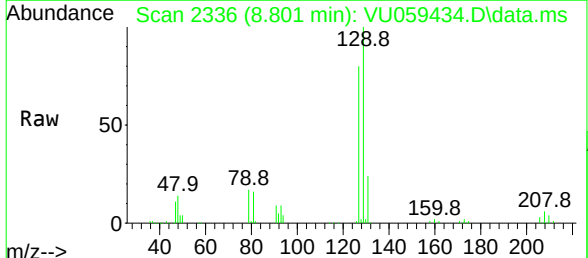


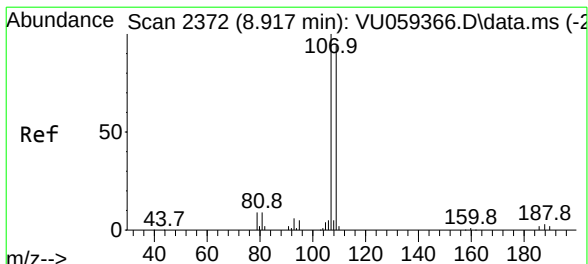
Tgt Ion: 43 Resp: 202303
Ion Ratio Lower Upper
43 100
58 60.7 45.9 68.9
57 21.4 16.3 24.5
100 13.2 8.7 13.1#



#49
Dibromochloromethane
Concen: 52.817 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.003 min
Lab File: VU059434.D
Acq: 24 Jun 2024 08:42

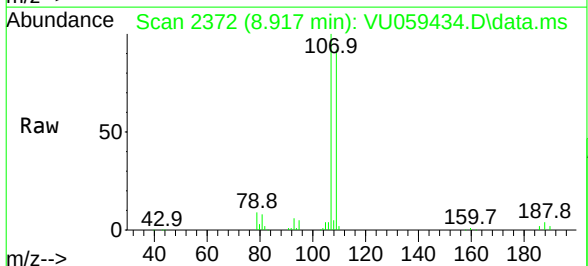
Tgt Ion: 129 Resp: 98366
Ion Ratio Lower Upper
129 100
127 79.7 53.3 98.9



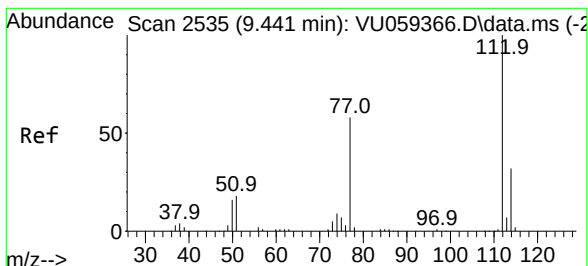
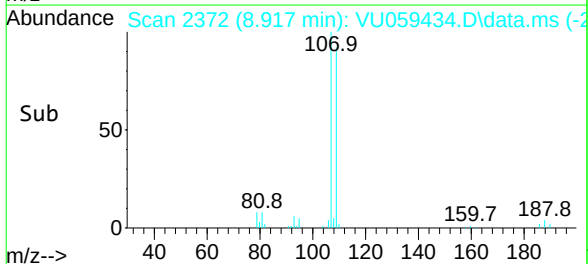
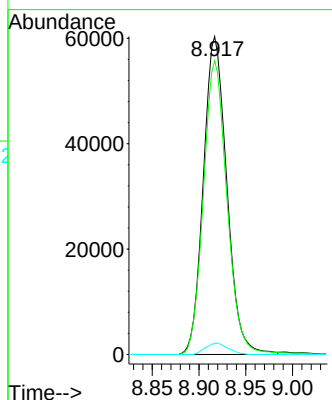


#50
1,2-Dibromoethane
Concen: 49.556 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU059434.D
Acq: 24 Jun 2024 08:42

Instrument :
MSVOA_U
ClientSampleId :

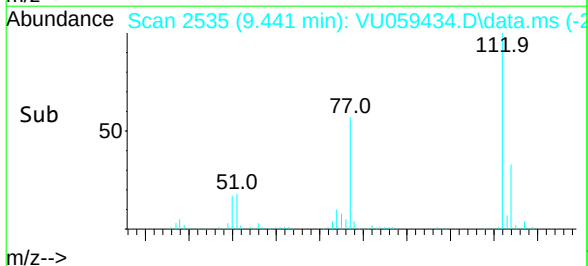
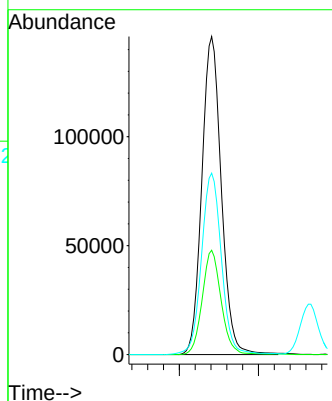
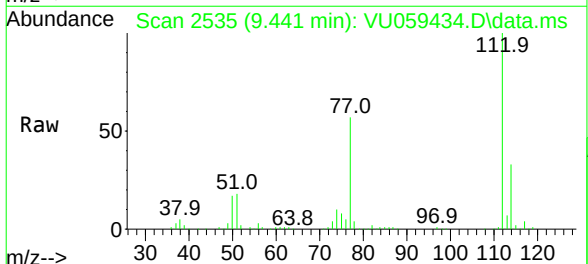


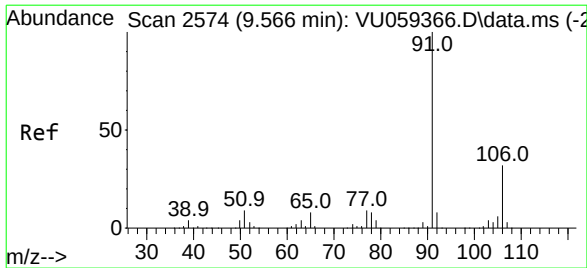
Tgt Ion:	107	Resp:	105343
Ion Ratio	Lower	Upper	
107	100		
109	92.3	67.8	125.8
188	3.5	2.5	3.7



#51
Chlorobenzene
Concen: 51.048 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU059434.D
Acq: 24 Jun 2024 08:42

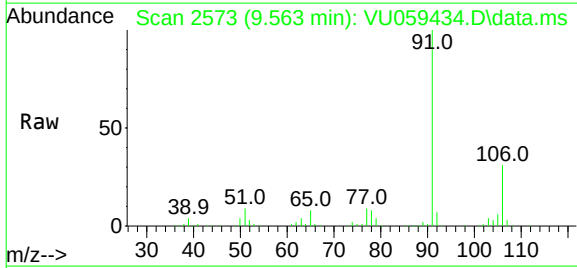
Tgt Ion:	112	Resp:	249627
Ion Ratio	Lower	Upper	
112	100		
114	32.8	22.1	41.1
77	57.1	49.8	74.6



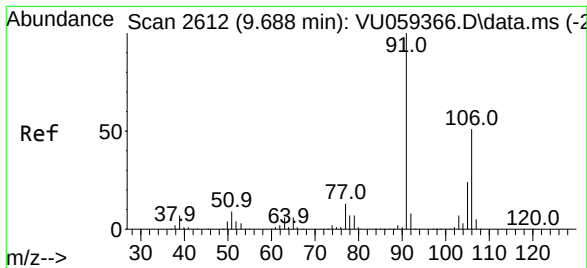
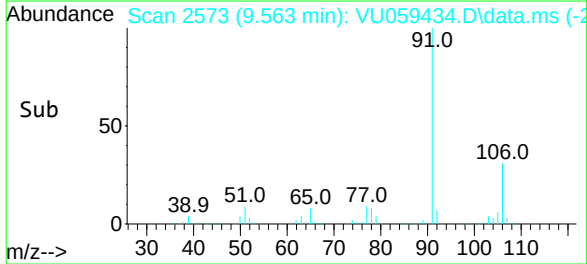
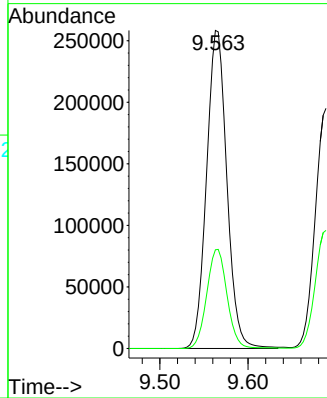


#52
Ethylbenzene
Concen: 49.454 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.003 min
Lab File: VU059434.D
Acq: 24 Jun 2024 08:42

Instrument :
MSVOA_U
ClientSampleId :

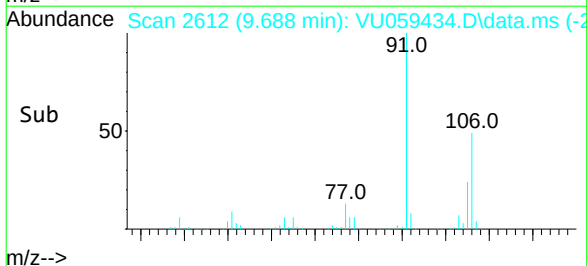
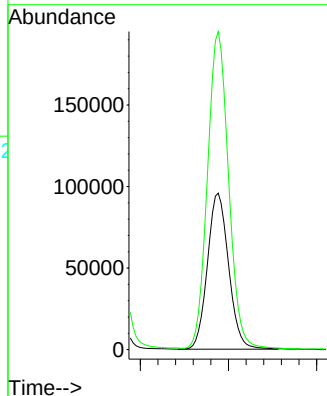
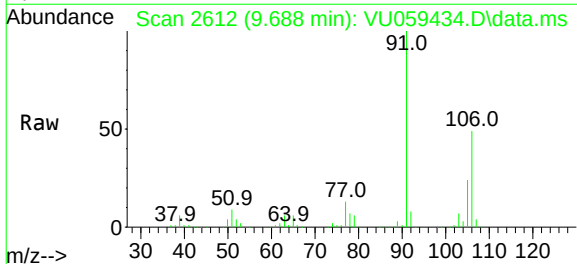


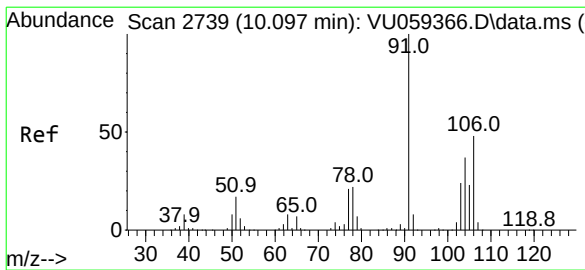
Tgt Ion: 91 Resp: 413082
Ion Ratio Lower Upper
91 100
106 31.0 21.0 39.0



#53
m,p-Xylene
Concen: 51.965 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU059434.D
Acq: 24 Jun 2024 08:42

Tgt Ion: 106 Resp: 159525
Ion Ratio Lower Upper
106 100
91 203.3 146.4 272.0





#54

o-Xylene

Concen: 51.807 ug/L

RT: 10.094 min Scan# 27

Delta R.T. -0.003 min

Lab File: VU059434.D

Acq: 24 Jun 2024 08:42

Instrument :

MSVOA_U

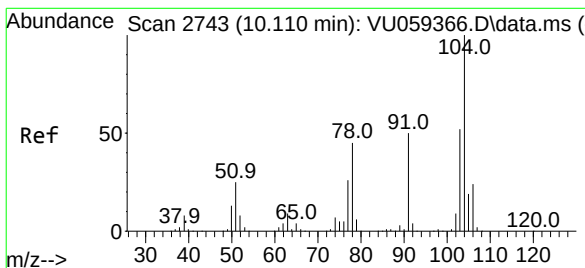
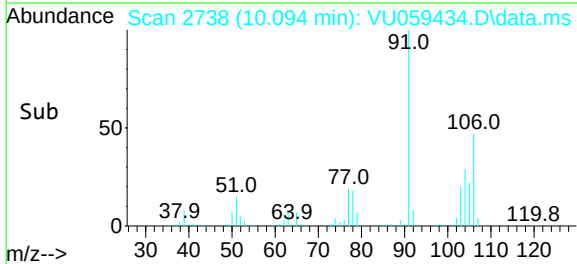
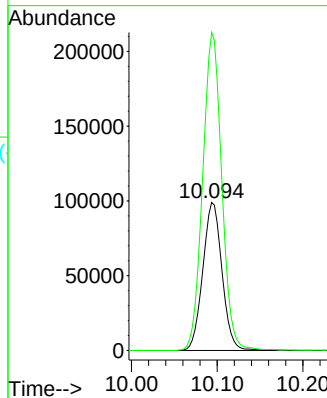
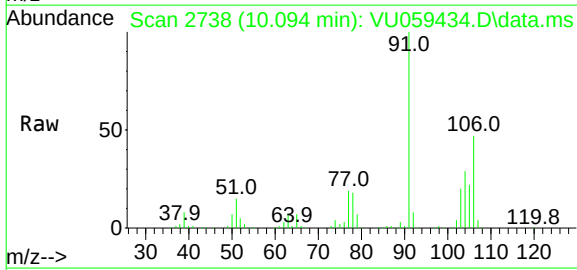
ClientSampleId :

Tgt Ion:106 Resp: 154132

Ion Ratio Lower Upper

106 100

91 214.8 156.7 290.9



#55

Styrene

Concen: 54.207 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. -0.003 min

Lab File: VU059434.D

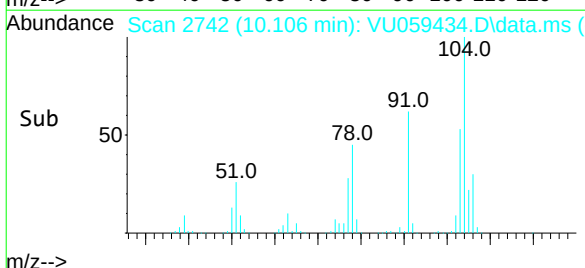
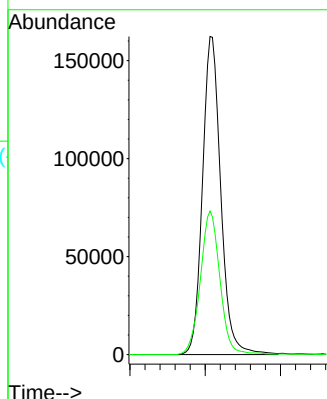
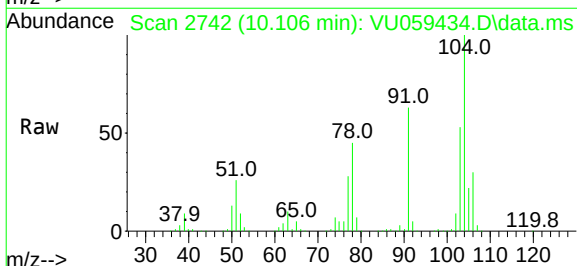
Acq: 24 Jun 2024 08:42

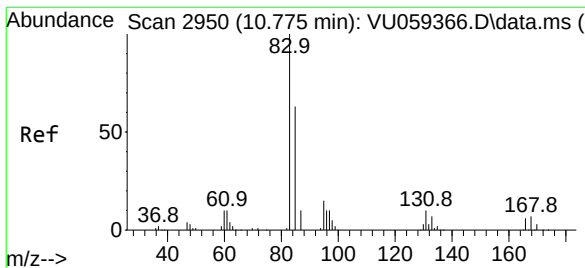
Tgt Ion:104 Resp: 274133

Ion Ratio Lower Upper

104 100

78 45.1 34.7 64.5





#57

1,1,2,2-Tetrachloroethane

Concen: 44.556 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

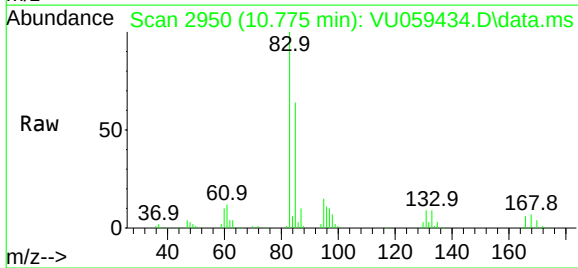
Lab File: VU059434.D

Acq: 24 Jun 2024 08:42

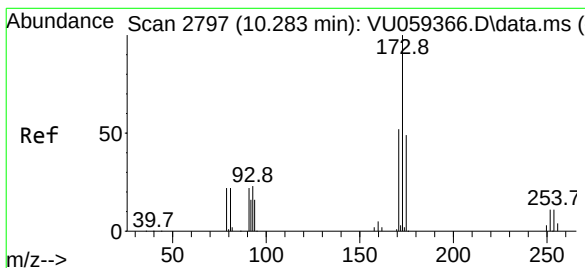
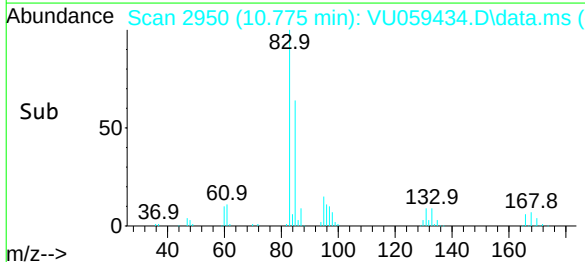
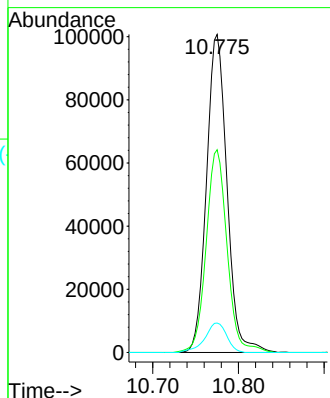
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	83	Resp:	167266
Ion	Ratio	Lower	Upper
83	100		
85	63.7	46.1	85.7
131	9.3	7.0	10.4



#59

Bromoform

Concen: 52.551 ug/L

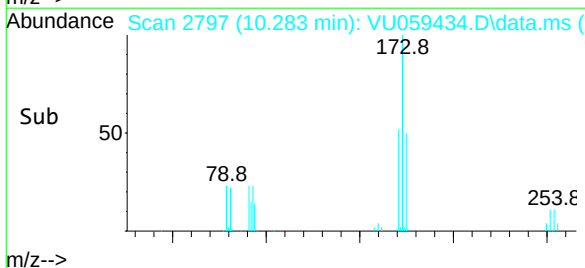
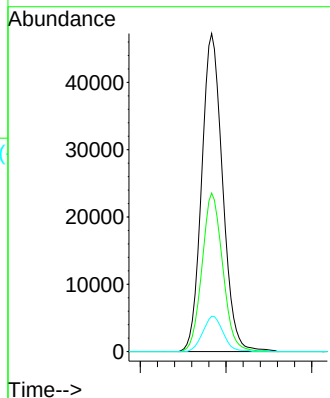
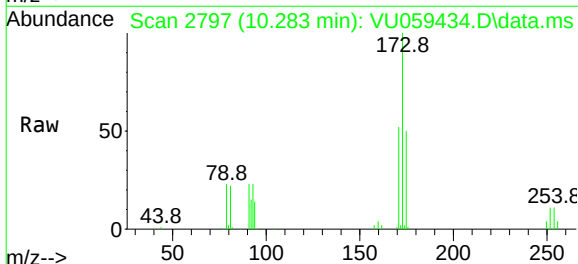
RT: 10.283 min Scan# 2797

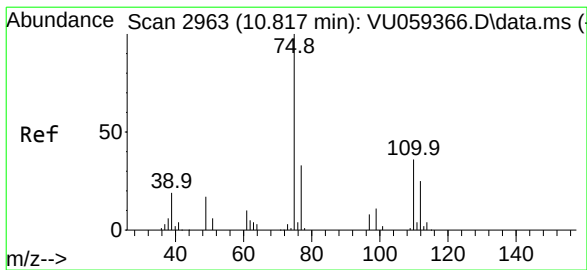
Delta R.T. -0.003 min

Lab File: VU059434.D

Acq: 24 Jun 2024 08:42

Tgt Ion:	173	Resp:	80086
Ion	Ratio	Lower	Upper
173	100		
175	49.2	39.0	58.6
254	10.7	7.5	11.3





#60

1,2,3-Trichloropropane

Concen: 40.105 ug/L

RT: 10.814 min Scan# 29

Delta R.T. -0.003 min

Lab File: VU059434.D

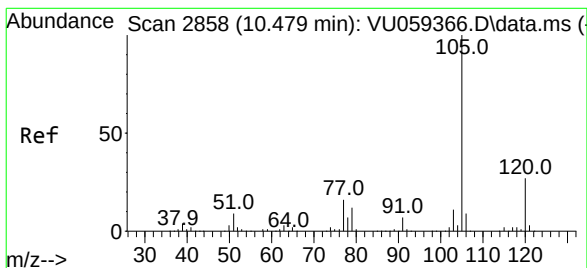
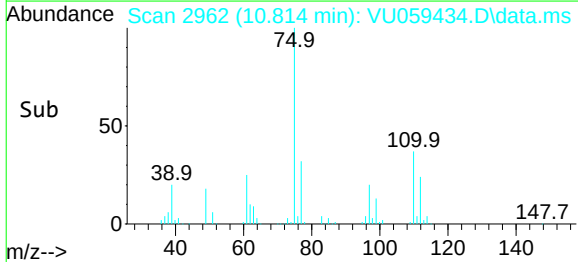
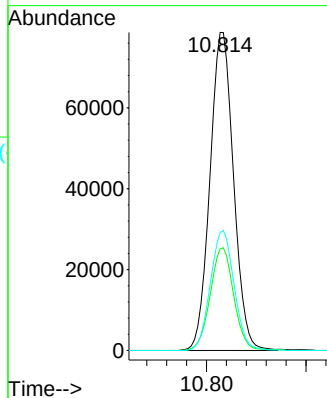
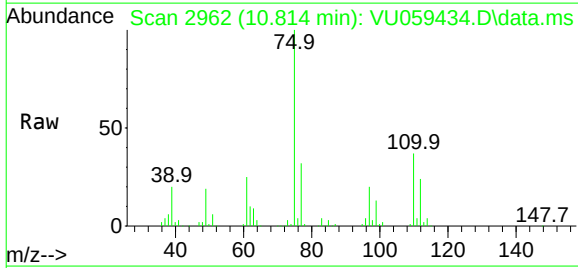
Acq: 24 Jun 2024 08:42

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	75	Resp:	129631
Ion	Ratio	Lower	Upper
75	100		
77	32.2	26.2	39.2
110	37.9	28.4	42.6



#61

Isopropylbenzene

Concen: 50.092 ug/L

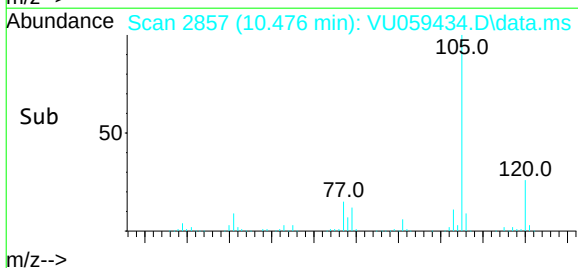
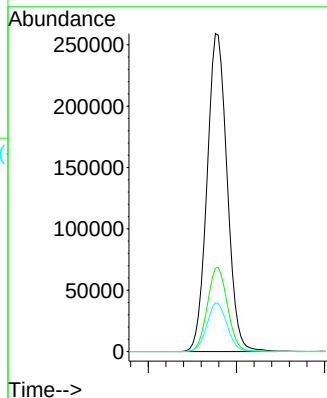
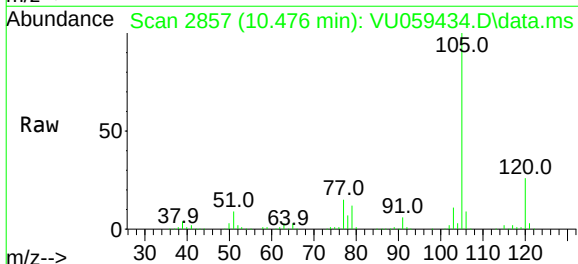
RT: 10.476 min Scan# 2857

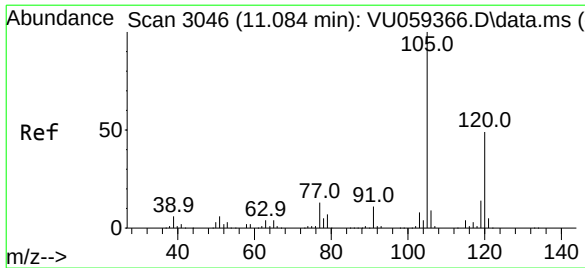
Delta R.T. -0.003 min

Lab File: VU059434.D

Acq: 24 Jun 2024 08:42

Tgt Ion:	105	Resp:	409613
Ion	Ratio	Lower	Upper
105	100		
120	26.6	20.3	30.5
77	15.5	13.4	20.0





#62

1,3,5-Trimethylbenzene

Concen: 49.810 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU059434.D

Acq: 24 Jun 2024 08:42

Instrument :

MSVOA_U

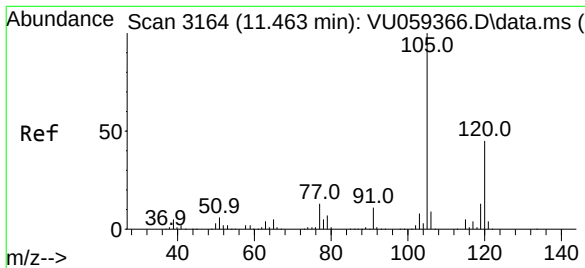
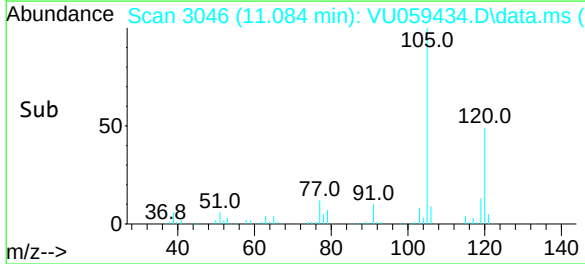
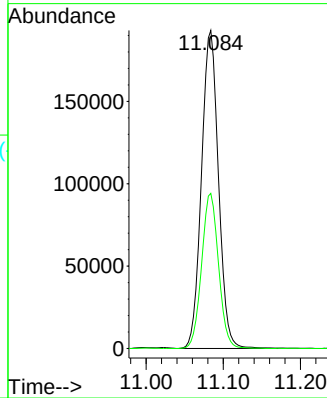
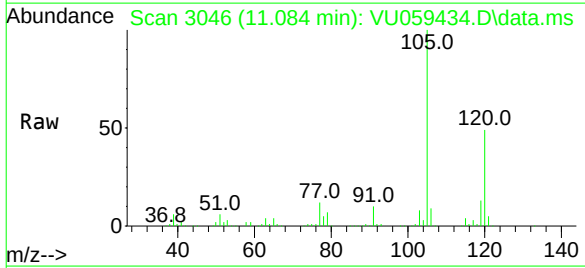
ClientSampleId :

Tgt Ion:105 Resp: 295111

Ion Ratio Lower Upper

105 100

120 48.6 37.8 56.8



#63

1,2,4-Trimethylbenzene

Concen: 49.687 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU059434.D

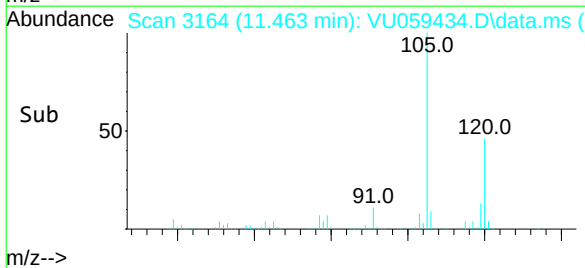
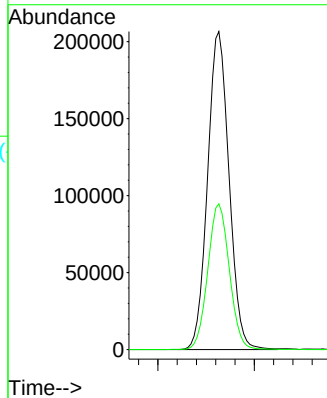
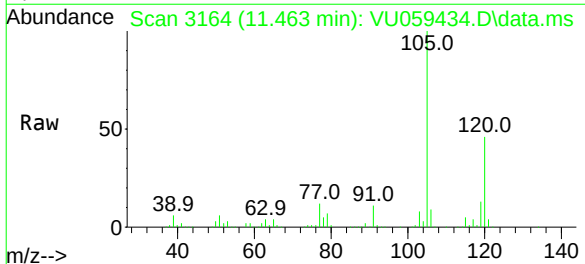
Acq: 24 Jun 2024 08:42

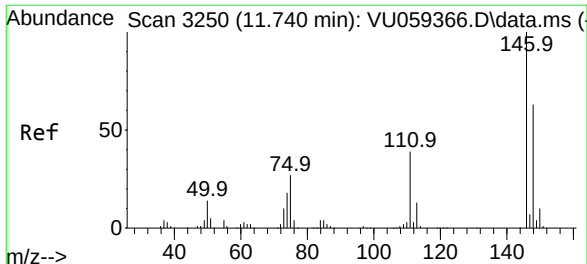
Tgt Ion:105 Resp: 319120

Ion Ratio Lower Upper

105 100

120 46.0 35.0 52.6





#64

1,3-Dichlorobenzene

Concen: 52.219 ug/L

RT: 11.740 min Scan# 32

Delta R.T. -0.000 min

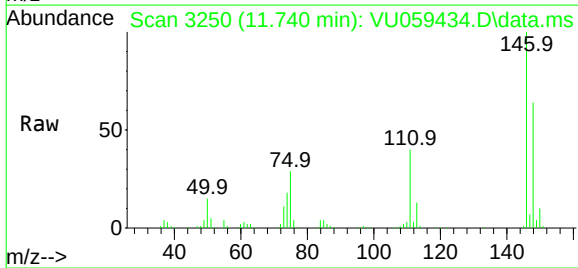
Lab File: VU059434.D

Acq: 24 Jun 2024 08:42

Instrument :

MSVOA_U

ClientSampleId :



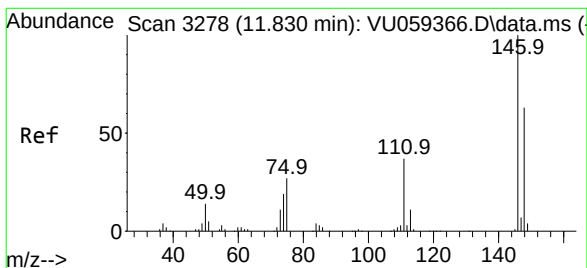
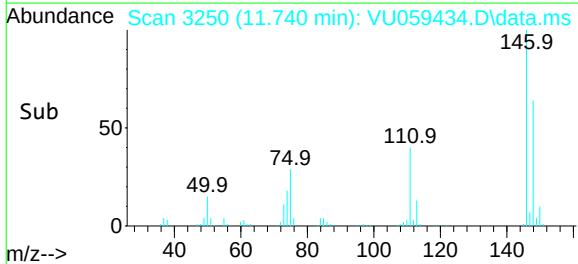
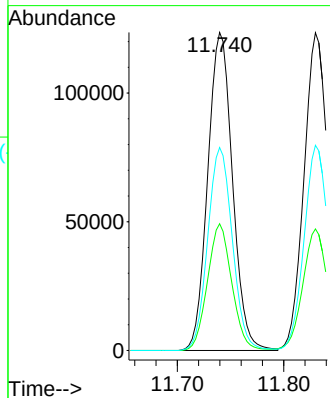
Tgt Ion:146 Resp: 199574

Ion Ratio Lower Upper

146 100

111 39.9 28.7 53.3

148 63.8 44.9 83.5



#65

1,4-Dichlorobenzene

Concen: 50.224 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU059434.D

Acq: 24 Jun 2024 08:42

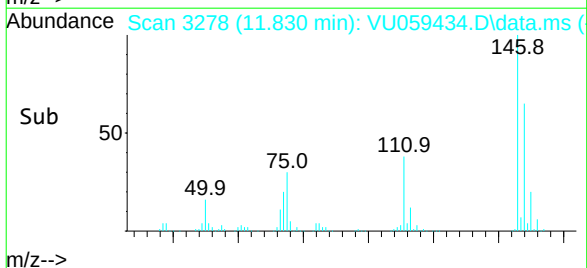
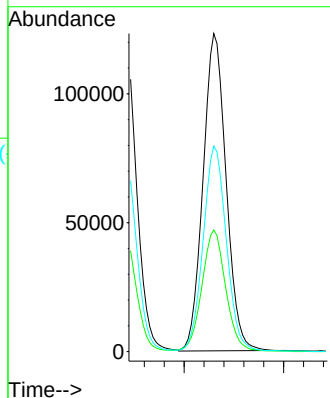
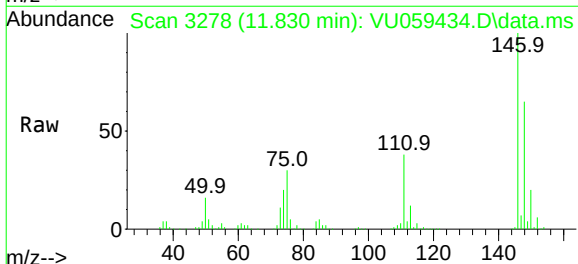
Tgt Ion:146 Resp: 198237

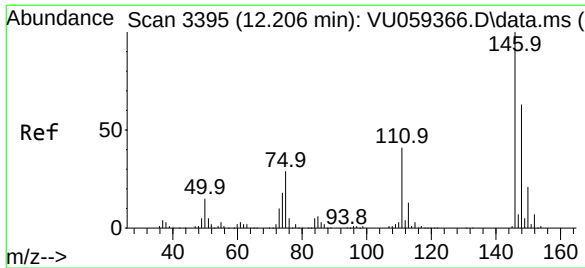
Ion Ratio Lower Upper

146 100

111 38.3 27.9 51.9

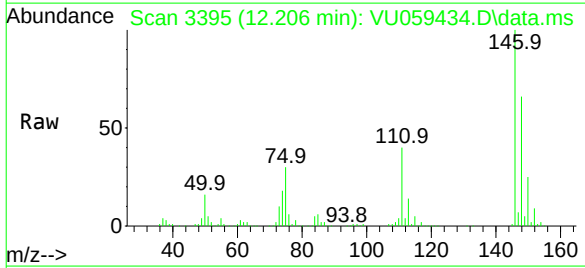
148 64.6 45.7 84.9



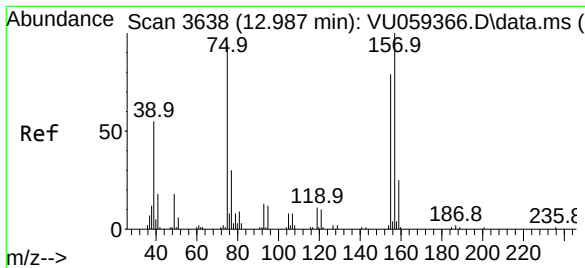
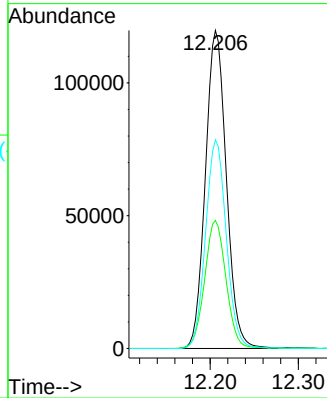
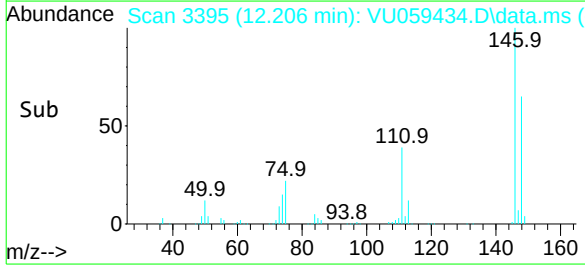


#67
1,2-Dichlorobenzene
Concen: 49.445 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. -0.000 min
Lab File: VU059434.D
Acq: 24 Jun 2024 08:42

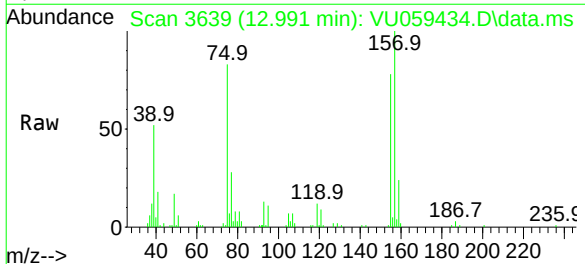
Instrument :
MSVOA_U
ClientSampleId :



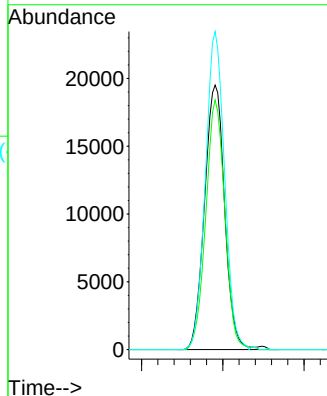
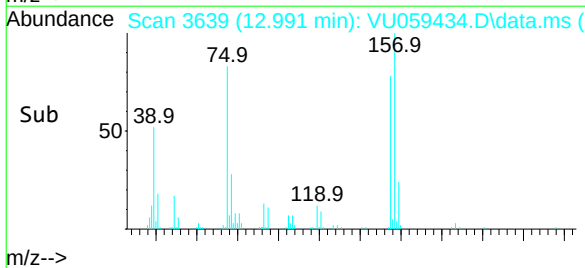
Tgt Ion:146 Resp: 197508
Ion Ratio Lower Upper
146 100
111 40.3 33.4 50.2
148 65.6 49.8 74.8

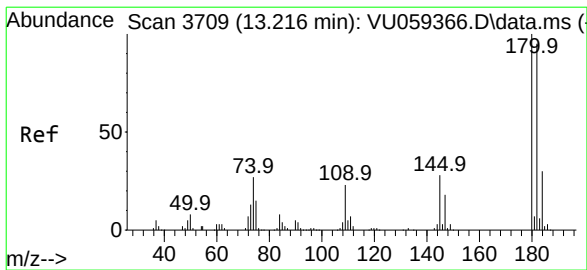


#68
1,2-Dibromo-3-chloropropane
Concen: 41.110 ug/L
RT: 12.991 min Scan# 3639
Delta R.T. -0.000 min
Lab File: VU059434.D
Acq: 24 Jun 2024 08:42



Tgt Ion: 75 Resp: 33687
Ion Ratio Lower Upper
75 100
155 94.4 57.5 86.3#
157 120.3 73.4 110.2#





#69

1,3,5-Trichlorobenzene

Concen: 55.457 ug/L

RT: 13.212 min Scan# 3709

Delta R.T. -0.003 min

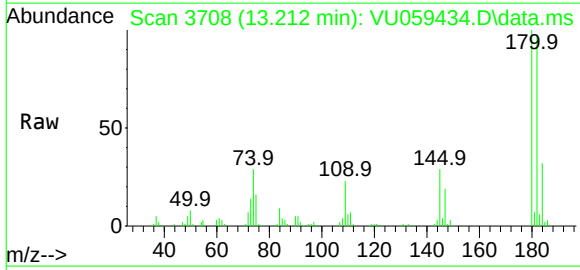
Lab File: VU059434.D

Acq: 24 Jun 2024 08:42

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 139976

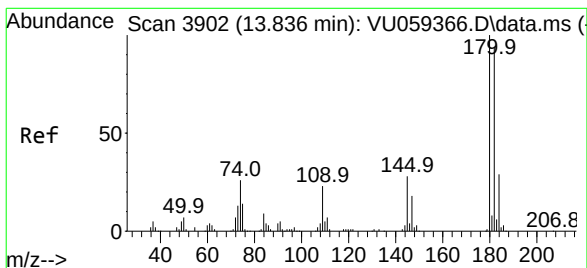
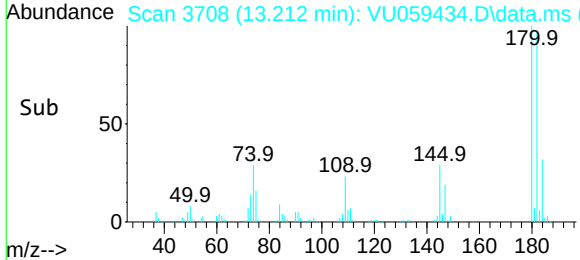
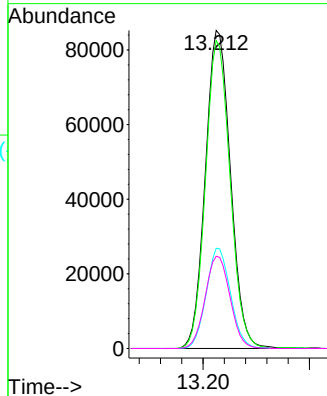
Ion Ratio Lower Upper

180 100

182 94.4 75.6 113.4

184 30.4 24.2 36.2

145 28.7 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 59.965 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU059434.D

Acq: 24 Jun 2024 08:42

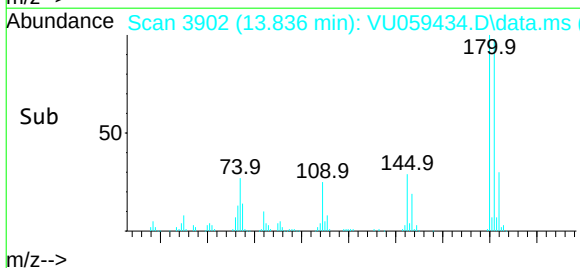
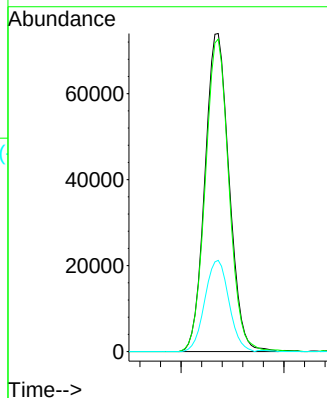
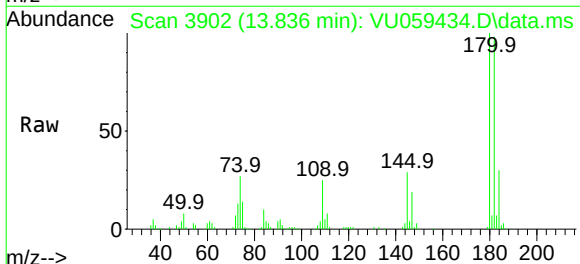
Tgt Ion:180 Resp: 120886

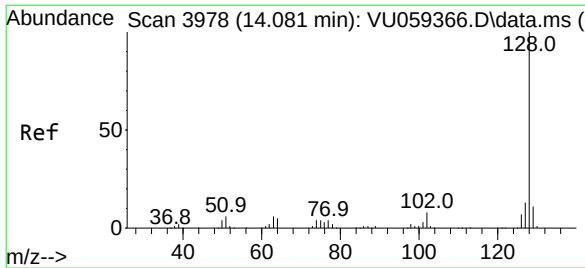
Ion Ratio Lower Upper

180 100

182 96.0 77.4 116.2

145 28.6 24.8 37.2





#71

Naphthalene

Concen: 54.651 ug/L

RT: 14.080 min Scan# 39

Delta R.T. -0.000 min

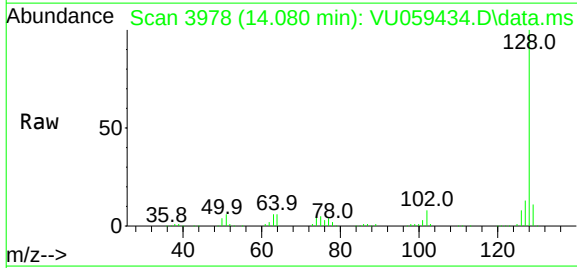
Lab File: VU059434.D

Acq: 24 Jun 2024 08:42

Instrument :

MSVOA_U

ClientSampleId :



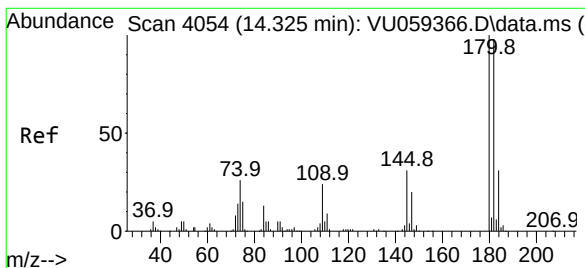
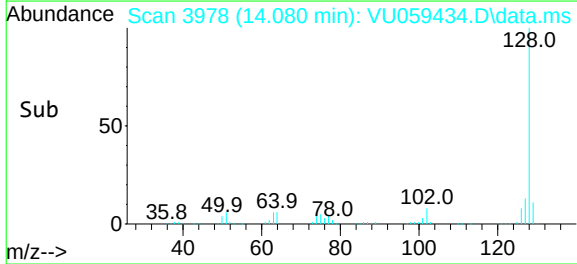
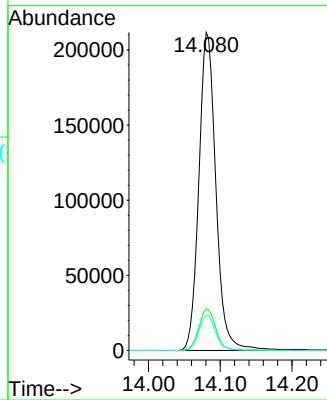
Tgt Ion:128 Resp: 348734

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 10.9 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 61.033 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU059434.D

Acq: 24 Jun 2024 08:42

Tgt Ion:180 Resp: 125090

Ion Ratio Lower Upper

180 100

182 95.4 76.2 114.4

145 31.6 26.4 39.6

