

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062524\
 Data File : VU059457.D
 Acq On : 25 Jun 2024 09:06
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.1mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 26 04:24:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 22 01:35:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	157227	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	157218	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	81564	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	46053	4.212	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.200%
7) Chloroethane-d5	1.907	69	46448	4.415	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.400%
11) 1,1-Dichloroethene-d2	2.560	65	19574	4.316	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.400%
20) 2-Butanone-d5	4.621	46	105160	46.696	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.400%
24) Chloroform-d	5.055	84	102629	4.573	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	5.695	65	47772	4.419	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
32) Benzene-d6	5.721	84	211404	4.886	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	6.685	67	62670	4.727	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.894	98	197298	4.905	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
43) trans-1,3-Dichloroprop...	8.177	79	20161	4.856	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.200%
46) 2-Hexanone-d5	8.627	63	83225	48.245	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.480%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	51163	4.670	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	68772	4.737	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	67333	5.054	ug/L	100
3) Chloromethane	1.515	50	72378	5.048	ug/L	98
5) Vinyl chloride	1.599	62	82350	5.199	ug/L	97
6) Bromomethane	1.853	94	55607	5.049	ug/L	96
8) Chloroethane	1.927	64	49216	5.157	ug/L	99
9) Trichlorofluoromethane	2.132	101	99646	5.226	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	62817	5.204	ug/L	95
12) 1,1-Dichloroethene	2.573	96	55900	5.013	ug/L	89
13) Acetone	2.628	43	76273	52.212	ug/L	93
14) Carbon disulfide	2.785	76	184924	4.971	ug/L	99
15) Methyl Acetate	2.949	43	19219	4.985	ug/L #	90
16) Methylene chloride	3.036	84	67344	5.096	ug/L	92
17) Methyl tert-butyl Ether	3.354	73	127265	5.296	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	60291	5.199	ug/L	89
19) 1,1-Dichloroethane	3.859	63	111782	5.227	ug/L	100
21) 2-Butanone	4.698	43	123835	52.851	ug/L	91
22) cis-1,2-Dichloroethene	4.660	96	67540	5.284	ug/L	92
23) Bromochloromethane	4.968	128	31633	5.428	ug/L	90
25) Chloroform	5.078	83	115687	5.136	ug/L	98

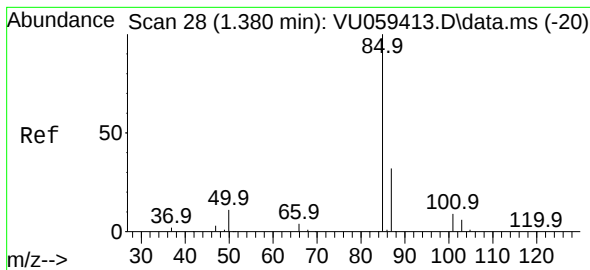
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062524\
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	68169	4.994	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	95620	5.267	ug/L	99
30) Cyclohexane	5.380	56	86556	5.400	ug/L	94
31) Carbon tetrachloride	5.518	117	80488	5.295	ug/L	99
33) Benzene	5.766	78	258974	5.424	ug/L	100
34) Trichloroethene	6.537	95	68938	5.332	ug/L	95
35) Methylcyclohexane	6.756	83	99432	5.405	ug/L	96
37) 1,2-Dichloropropane	6.785	63	67141	5.434	ug/L #	97
38) Bromodichloromethane	7.100	83	82764	5.367	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	92017	5.446	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	308823	53.942	ug/L	95
42) Toluene	7.965	91	279226	5.524	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	74367	5.484	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	49189	5.403	ug/L	98
47) Tetrachloroethene	8.547	164	54609	5.443	ug/L	96
48) 2-Hexanone	8.679	43	227279	55.625	ug/L #	94
49) Dibromochloromethane	8.804	129	54068	5.361	ug/L	97
50) 1,2-Dibromoethane	8.917	107	45026	5.355	ug/L	100
51) Chlorobenzene	9.441	112	173000	5.396	ug/L	97
52) Ethylbenzene	9.566	91	284365	5.484	ug/L	96
53) m,p-Xylene	9.688	106	111183	5.583	ug/L	97
54) o-Xylene	10.093	106	105290	5.571	ug/L	99
55) Styrene	10.110	104	180706	5.617	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	57338	5.191	ug/L	99
59) Bromoform	10.286	173	32677	5.235	ug/L	96
60) Isopropylbenzene	10.479	105	279553	5.548	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	40195	5.333	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	220733	5.530	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	218086	5.715	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	141172	5.509	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	140528	5.327	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	129675	5.377	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.990	75	8281	5.633	ug/L #	84
69) 1,3,5-Trichlorobenzene	13.216	180	102782	5.418	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	83165	5.715	ug/L	99
71) Naphthalene	14.084	128	123219	5.916	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	72860	5.392	ug/L	99

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



#2

Dichlorodifluoromethane

Concen: 5.054 ug/L

RT: 1.380 min Scan# 20

Delta R.T. -0.000 min

Lab File: VU059457.D

Acq: 25 Jun 2024 09:06

Instrument :

MSVOA_U

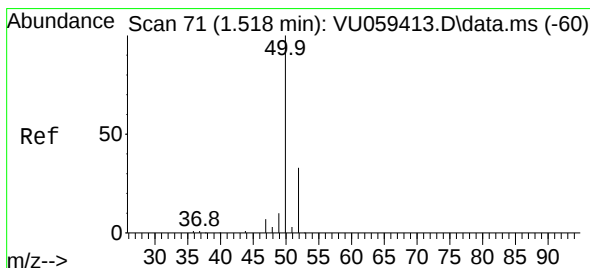
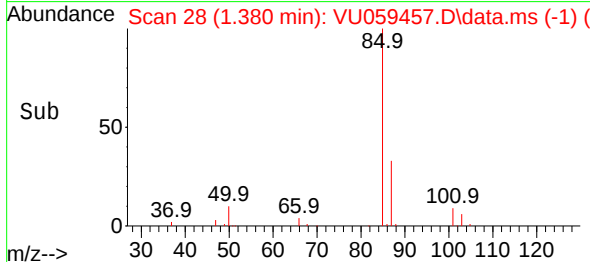
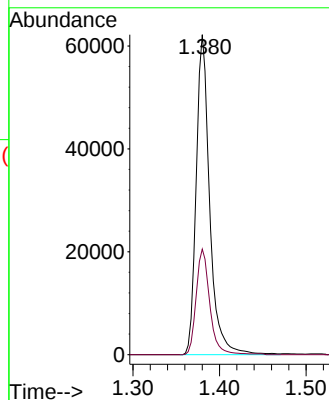
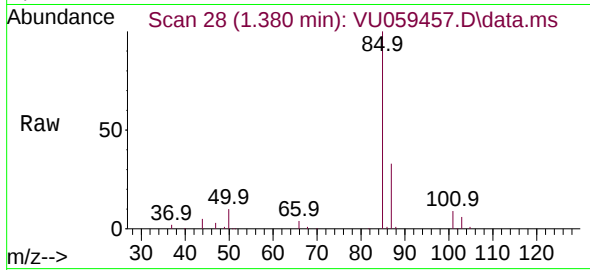
ClientSampleId :

Tgt Ion: 85 Resp: 67333

Ion Ratio Lower Upper

85 100

87 33.2 26.6 40.0



#3

Chloromethane

Concen: 5.048 ug/L

RT: 1.515 min Scan# 70

Delta R.T. -0.003 min

Lab File: VU059457.D

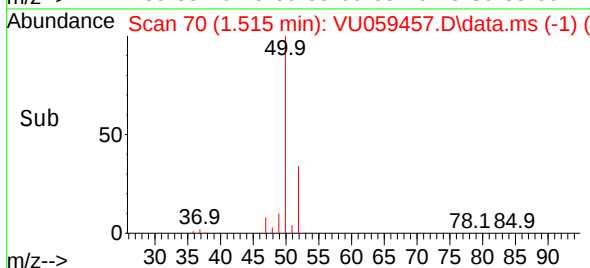
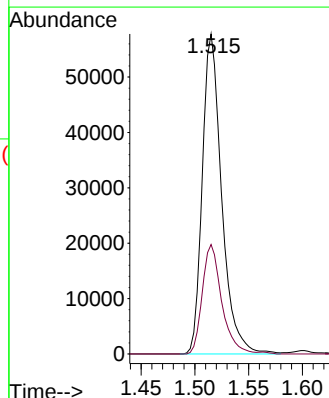
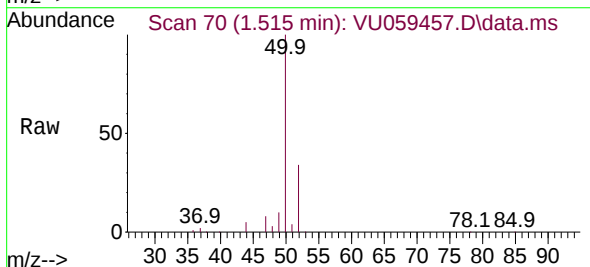
Acq: 25 Jun 2024 09:06

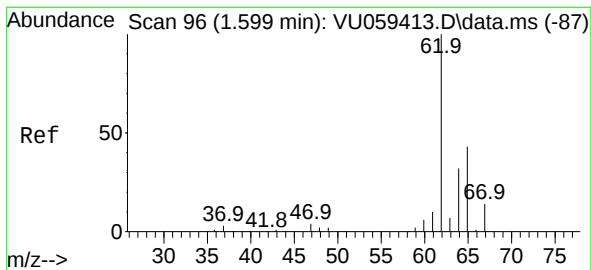
Tgt Ion: 50 Resp: 72378

Ion Ratio Lower Upper

50 100

52 34.2 23.2 43.0





#5

Vinyl chloride

Concen: 5.199 ug/L

RT: 1.599 min Scan# 90

Delta R.T. -0.000 min

Lab File: VU059457.D

Acq: 25 Jun 2024 09:06

Instrument :

MSVOA_U

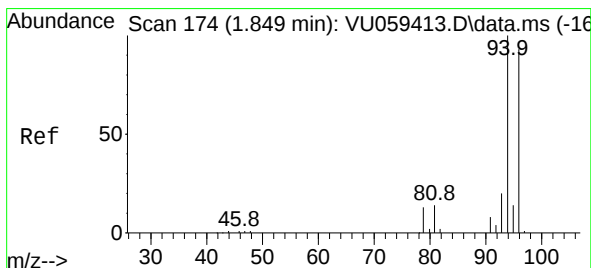
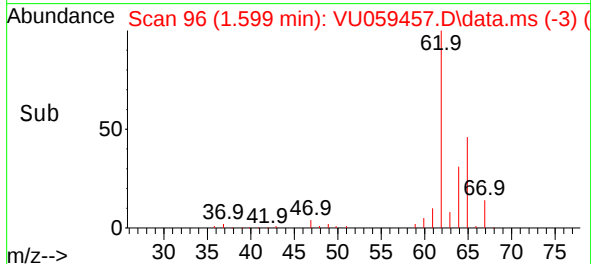
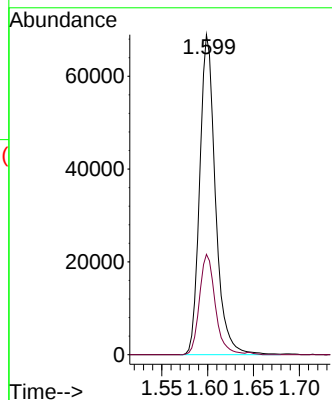
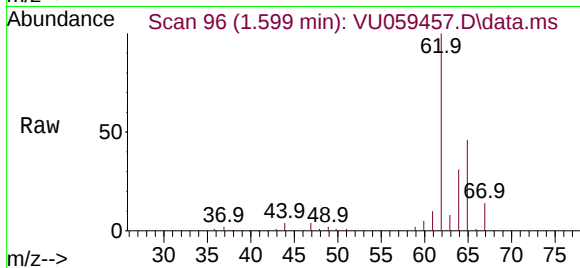
ClientSampleId :

Tgt Ion: 62 Resp: 82350

Ion Ratio Lower Upper

62 100

64 31.4 23.1 42.9



#6

Bromomethane

Concen: 5.049 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.003 min

Lab File: VU059457.D

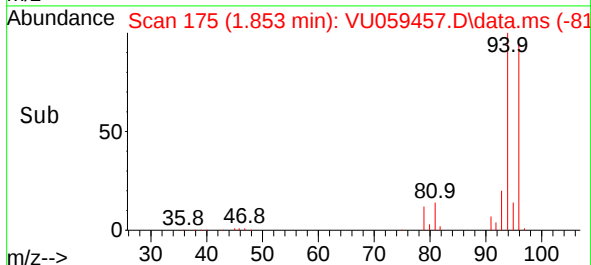
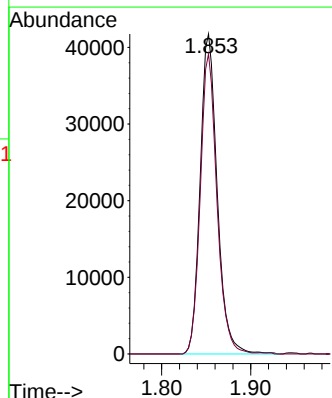
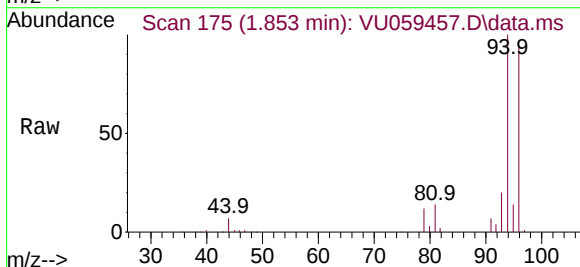
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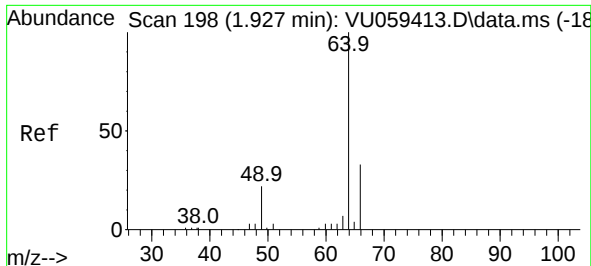
Tgt Ion: 94 Resp: 55607

Ion Ratio Lower Upper

94 100

96 93.7 62.9 116.9

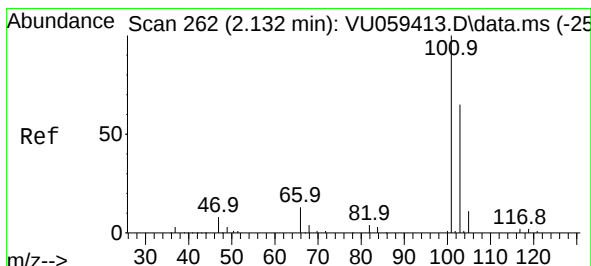
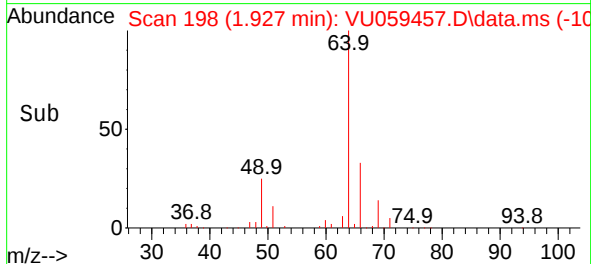
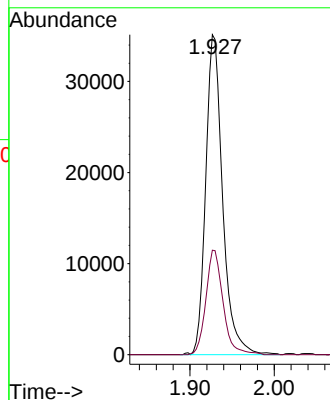
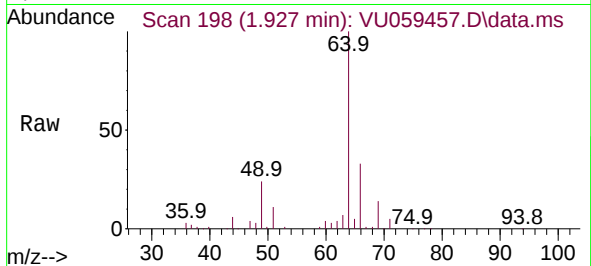




#8
Chloroethane
Concen: 5.157 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU059457.D
Acq: 25 Jun 2024 09:06

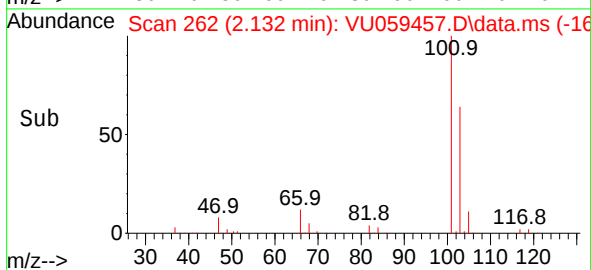
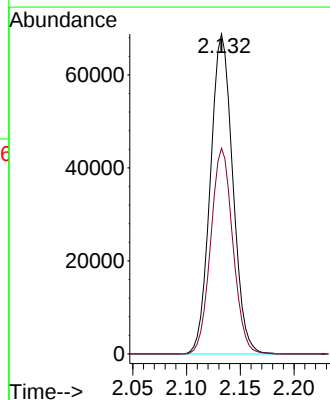
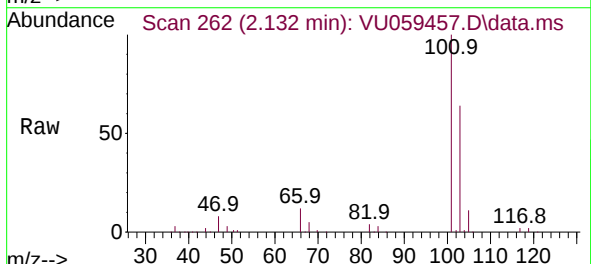
Instrument :
MSVOA_U
ClientSampleId :

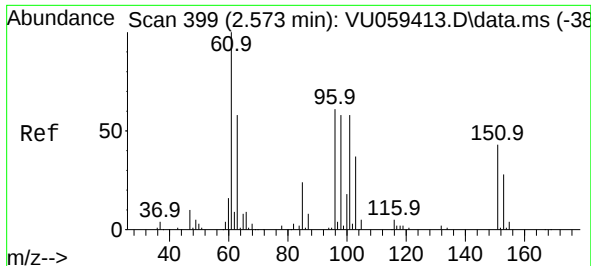
Tgt Ion: 64 Resp: 49216
Ion Ratio Lower Upper
64 100
66 32.7 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.226 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU059457.D
Acq: 25 Jun 2024 09:06

Tgt Ion:101 Resp: 99646
Ion Ratio Lower Upper
101 100
103 63.5 52.6 79.0

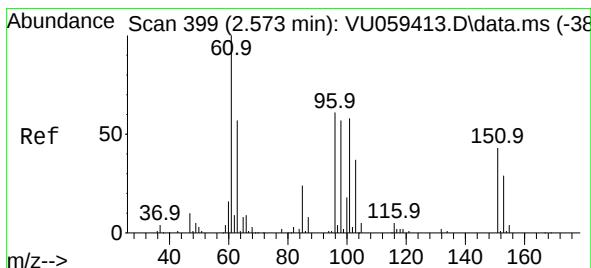
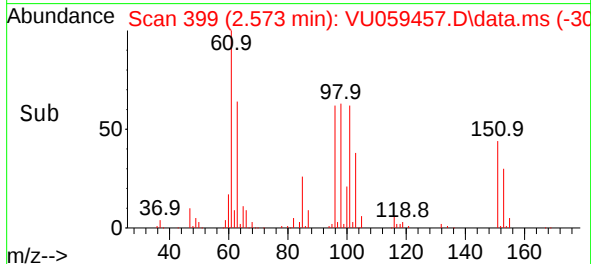
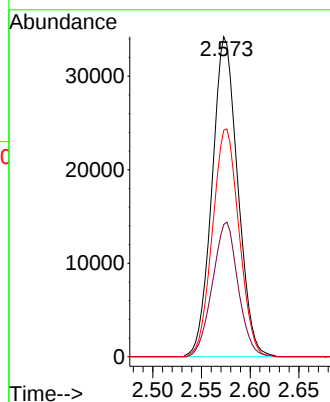
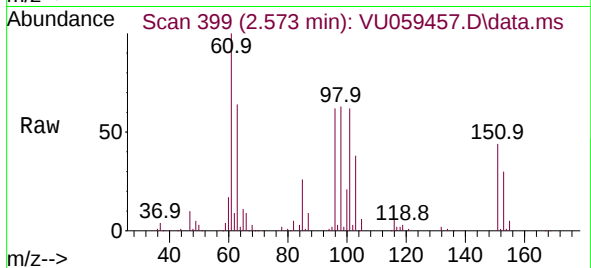




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.204 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU059457.D
 Acq: 25 Jun 2024 09:06

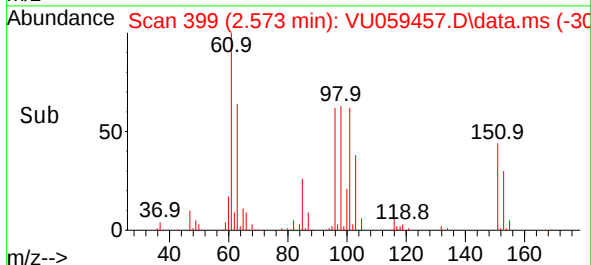
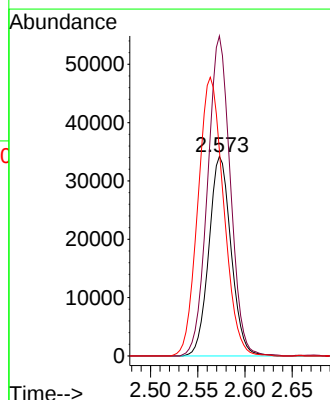
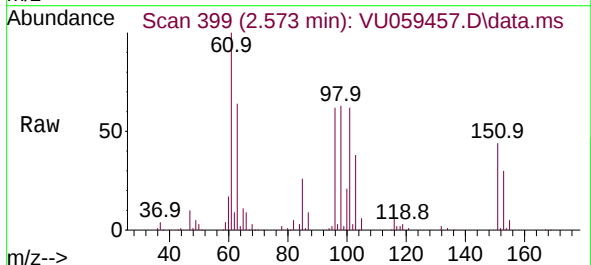
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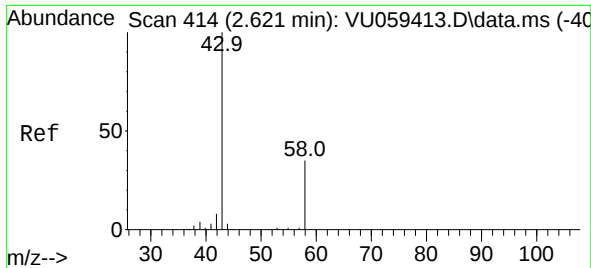
Tgt Ion:101 Resp: 62817
 Ion Ratio Lower Upper
 101 100
 85 42.0 36.2 54.4
 151 73.5 55.5 83.3



#12
 1,1-Dichloroethene
 Concen: 5.013 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU059457.D
 Acq: 25 Jun 2024 09:06

Tgt Ion: 96 Resp: 55900
 Ion Ratio Lower Upper
 96 100
 61 160.4 122.9 228.3
 63 103.1 80.4 149.4





#13

Acetone

Concen: 52.212 ug/L

RT: 2.628 min Scan# 414

Delta R.T. 0.006 min

Lab File: VU059457.D

Acq: 25 Jun 2024 09:06

Instrument :

MSVOA_U

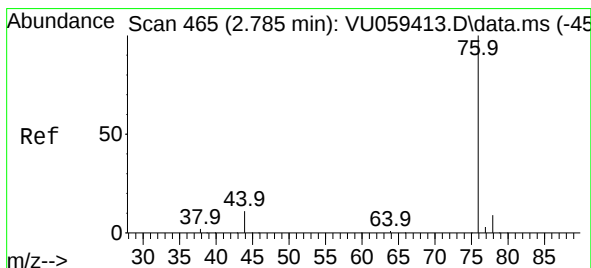
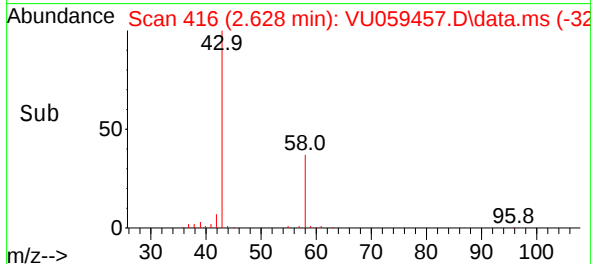
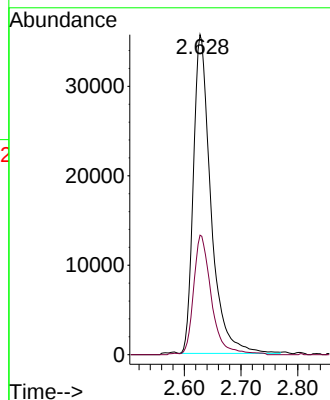
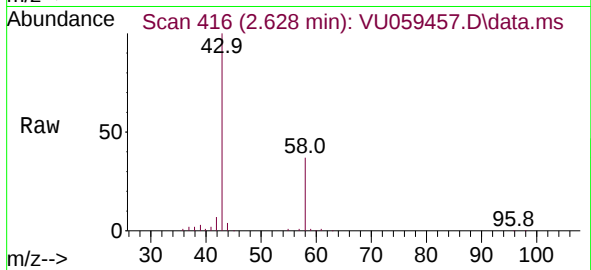
ClientSampleId :

Tgt Ion: 43 Resp: 76273

Ion Ratio Lower Upper

43 100

58 38.2 0.0 68.0



#14

Carbon disulfide

Concen: 4.971 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU059457.D

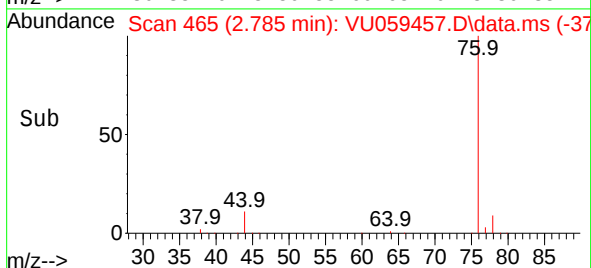
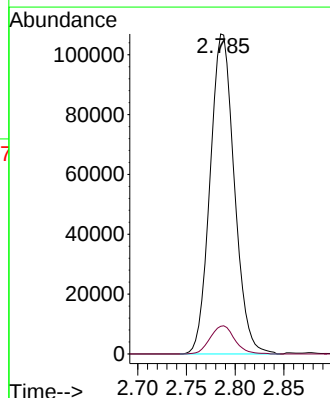
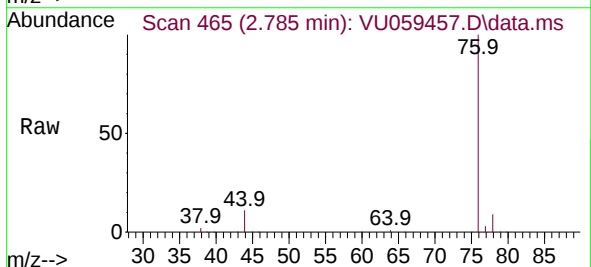
Acq: 25 Jun 2024 09:06

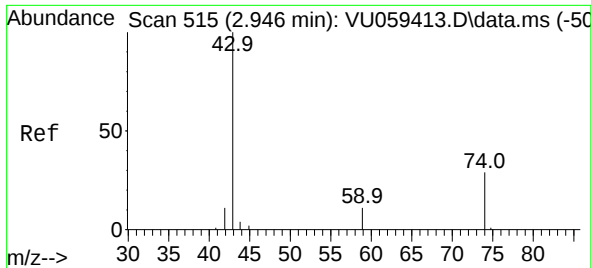
Tgt Ion: 76 Resp: 184924

Ion Ratio Lower Upper

76 100

78 8.7 7.3 10.9





#15

Methyl Acetate

Concen: 4.985 ug/L

RT: 2.949 min Scan# 51

Delta R.T. 0.003 min

Lab File: VU059457.D

Acq: 25 Jun 2024 09:06

Instrument :

MSVOA_U

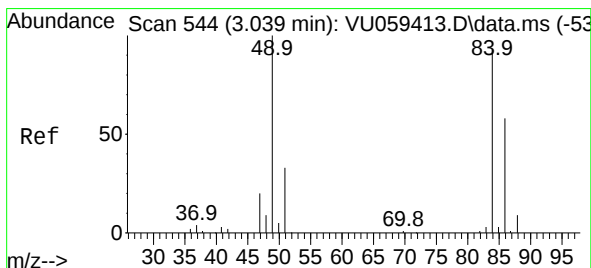
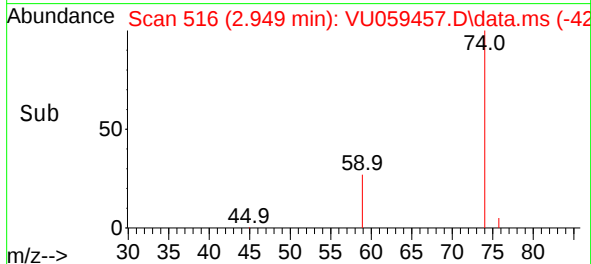
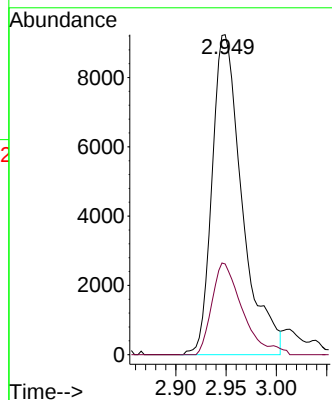
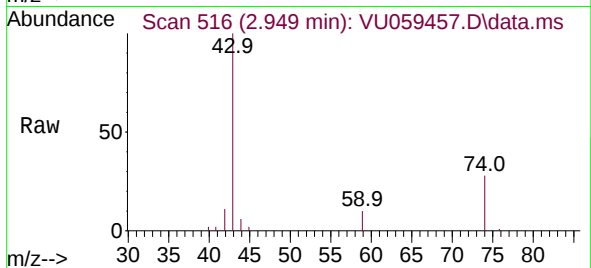
ClientSampleId :

Tgt Ion: 43 Resp: 19219

Ion Ratio Lower Upper

43 100

74 29.0 19.2 28.8#



#16

Methylene chloride

Concen: 5.096 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.003 min

Lab File: VU059457.D

Acq: 25 Jun 2024 09:06

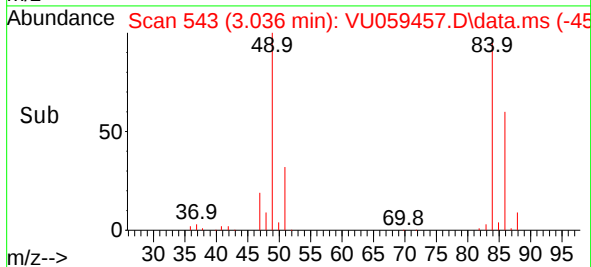
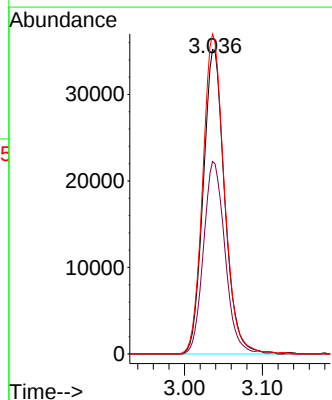
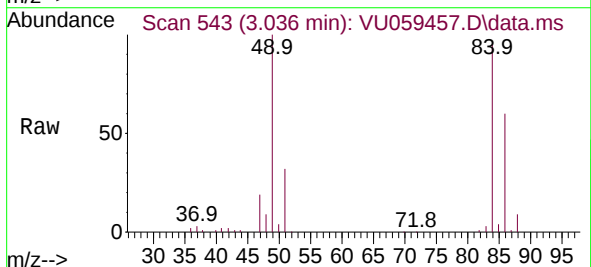
Tgt Ion: 84 Resp: 67344

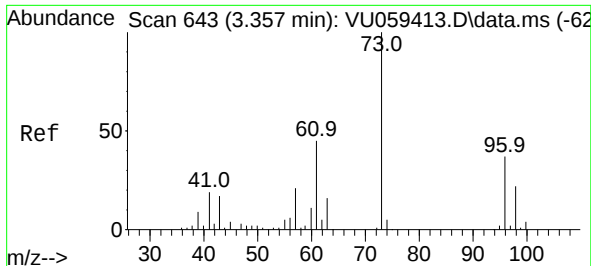
Ion Ratio Lower Upper

84 100

86 63.2 42.1 78.1

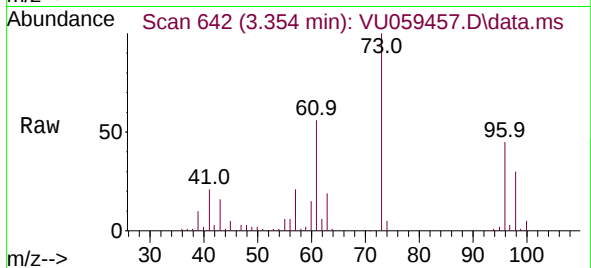
49 105.1 80.6 149.8



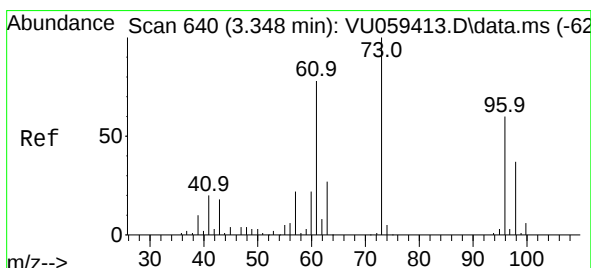
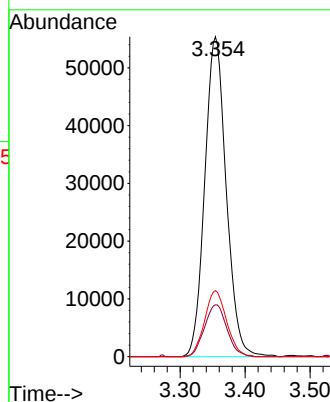
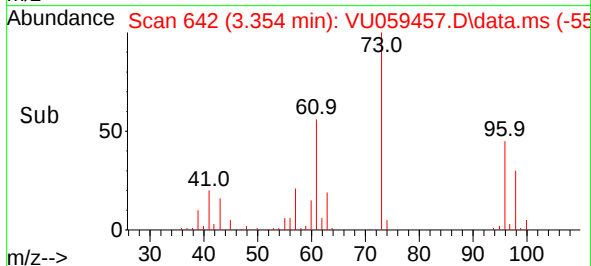


#17
Methyl tert-butyl Ether
Concen: 5.296 ug/L
RT: 3.354 min Scan# 643
Delta R.T. -0.003 min
Lab File: VU059457.D
Acq: 25 Jun 2024 09:06

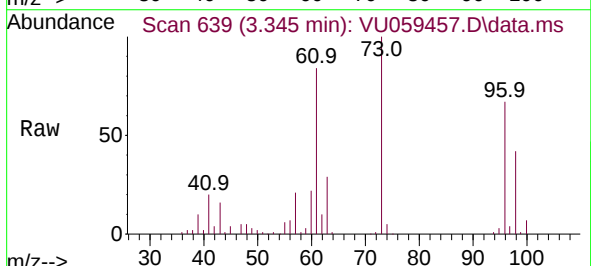
Instrument :
MSVOA_U
ClientSampleId :



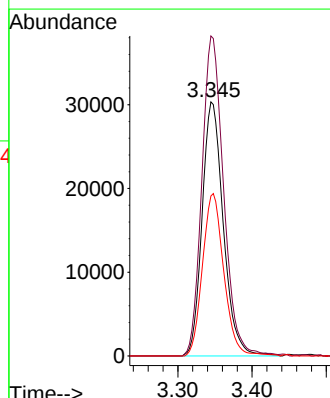
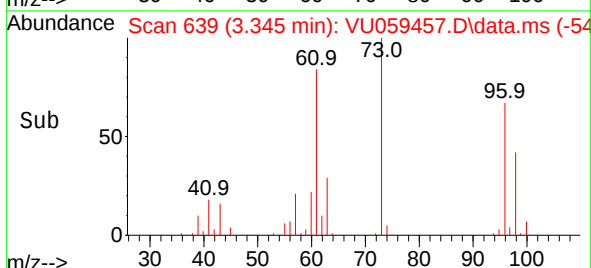
Tgt Ion: 73 Resp: 127265
Ion Ratio Lower Upper
73 100
43 17.0 14.9 22.3
57 21.2 18.0 27.0

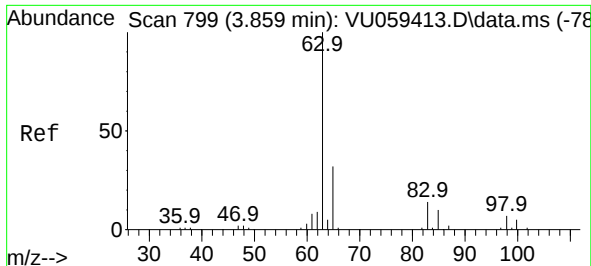


#18
trans-1,2-Dichloroethene
Concen: 5.199 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU059457.D
Acq: 25 Jun 2024 09:06



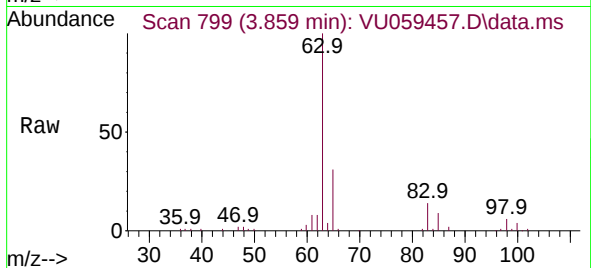
Tgt Ion: 96 Resp: 60291
Ion Ratio Lower Upper
96 100
61 126.0 101.8 189.0
98 63.0 43.3 80.5



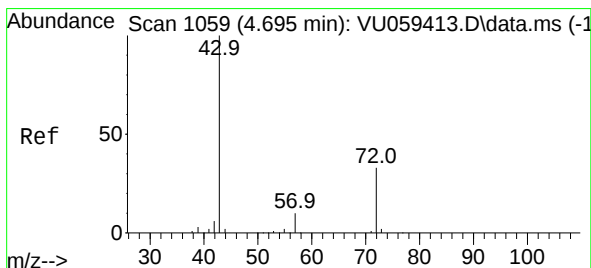
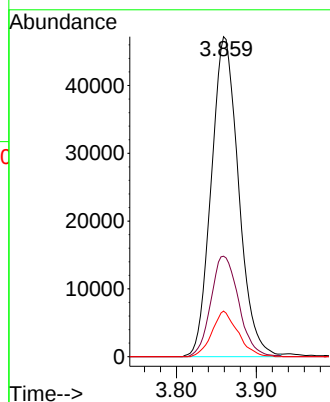
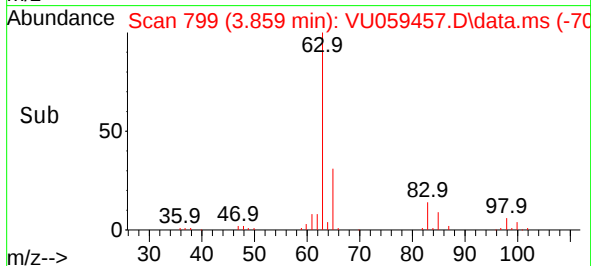


#19
1,1-Dichloroethane
Concen: 5.227 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU059457.D
Acq: 25 Jun 2024 09:06

Instrument :
MSVOA_U
ClientSampleId :

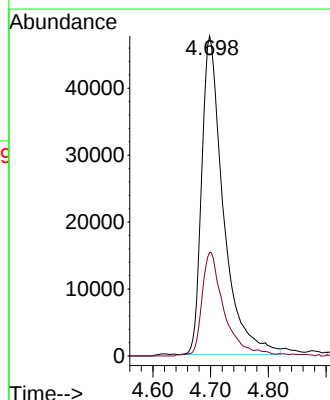
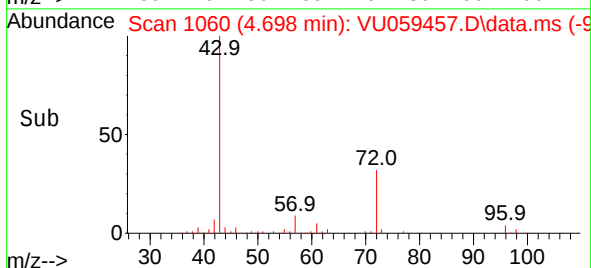
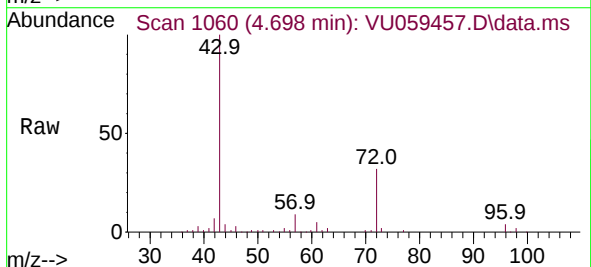


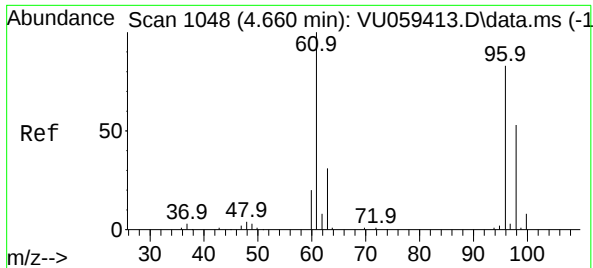
Tgt Ion: 63 Resp: 111782
Ion Ratio Lower Upper
63 100
65 31.4 21.8 40.6
83 14.3 9.9 18.5



#21
2-Butanone
Concen: 52.851 ug/L
RT: 4.698 min Scan# 1060
Delta R.T. 0.003 min
Lab File: VU059457.D
Acq: 25 Jun 2024 09:06

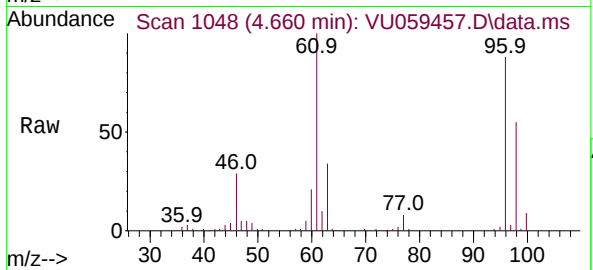
Tgt Ion: 43 Resp: 123835
Ion Ratio Lower Upper
43 100
72 32.3 13.8 41.4



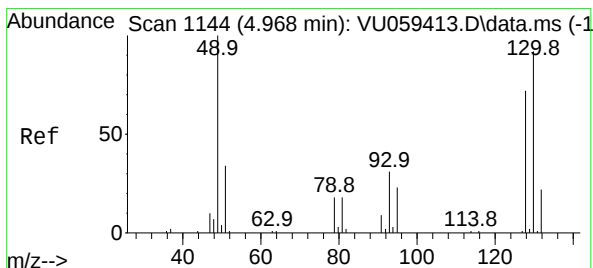
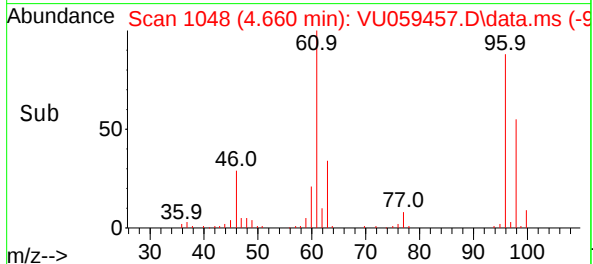
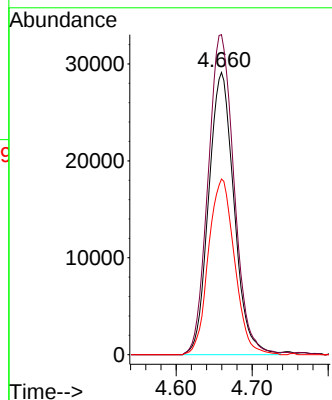


#22
cis-1,2-Dichloroethene
Concen: 5.284 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU059457.D
Acq: 25 Jun 2024 09:06

Instrument :
MSVOA_U
ClientSampleId :

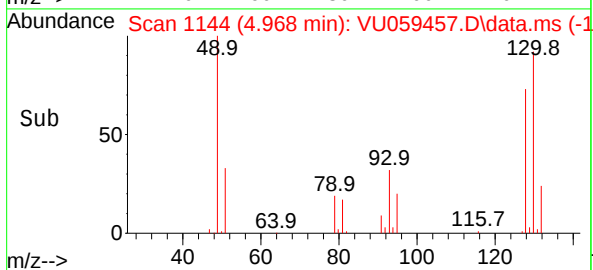
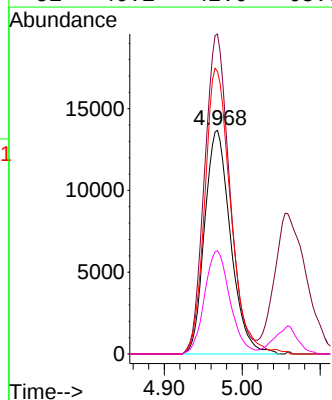
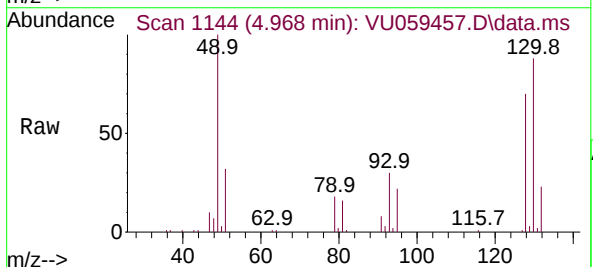


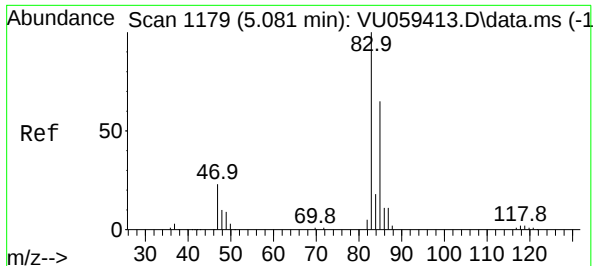
Tgt Ion: 96 Resp: 67540
Ion Ratio Lower Upper
96 100
61 113.3 87.4 162.2
98 62.2 42.3 78.5



#23
Bromochloromethane
Concen: 5.428 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VU059457.D
Acq: 25 Jun 2024 09:06

Tgt Ion: 128 Resp: 31633
Ion Ratio Lower Upper
128 100
49 143.1 117.0 217.4
130 126.4 89.6 166.4
51 46.1 42.0 63.0





#25

Chloroform

Concen: 5.136 ug/L

RT: 5.078 min Scan# 1179

Delta R.T. -0.003 min

Lab File: VU059457.D

Acq: 25 Jun 2024 09:06

Instrument :

MSVOA_U

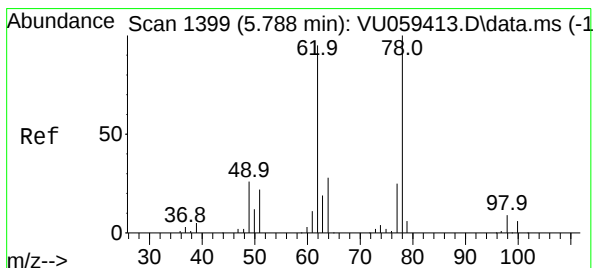
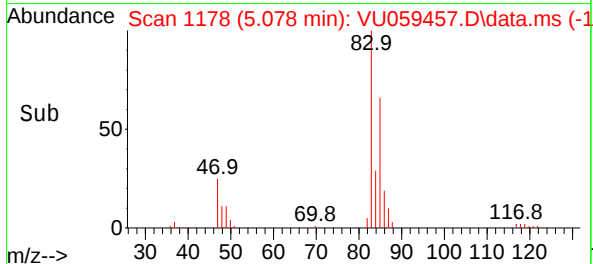
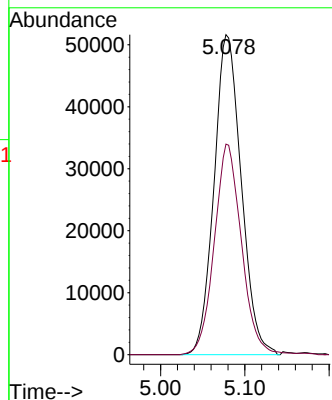
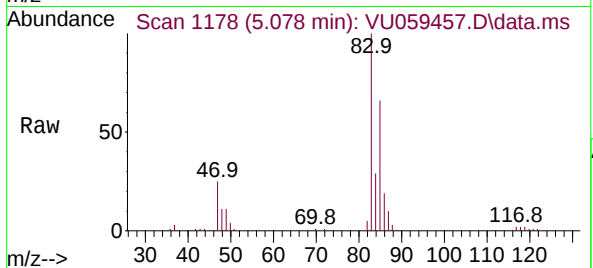
ClientSampleId :

Tgt Ion: 83 Resp: 115687

Ion Ratio Lower Upper

83 100

85 65.8 44.7 83.1



#27

1,2-Dichloroethane

Concen: 4.994 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VU059457.D

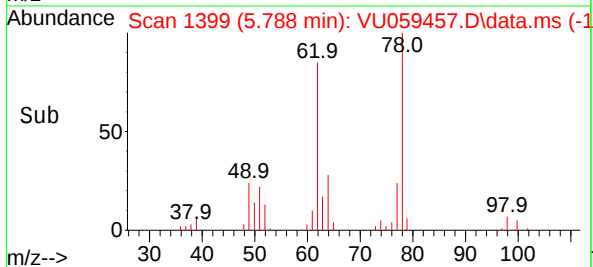
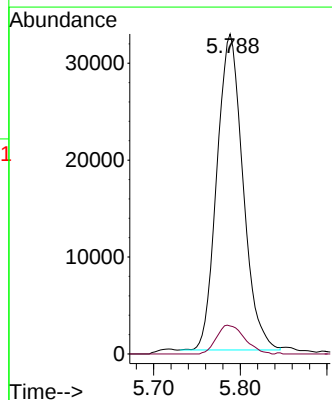
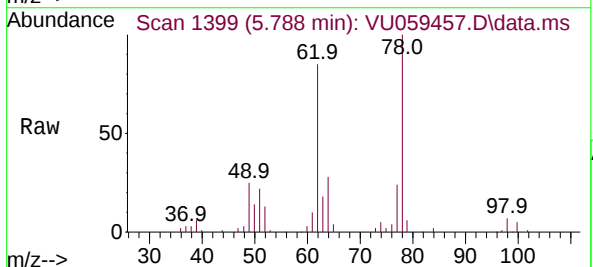
Acq: 25 Jun 2024 09:06

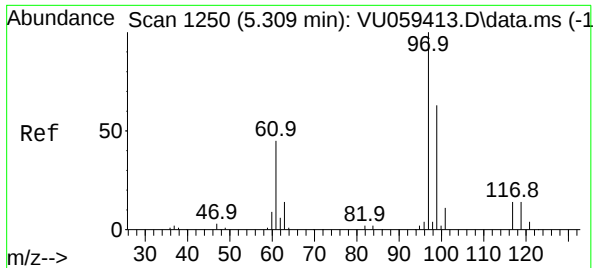
Tgt Ion: 62 Resp: 68169

Ion Ratio Lower Upper

62 100

98 8.8 7.5 11.3

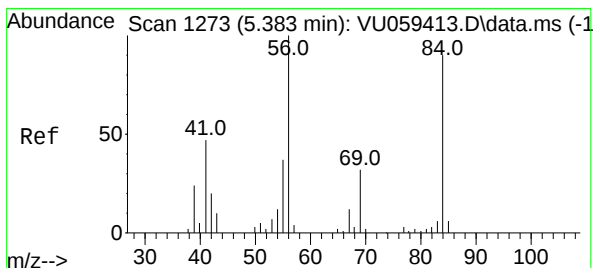
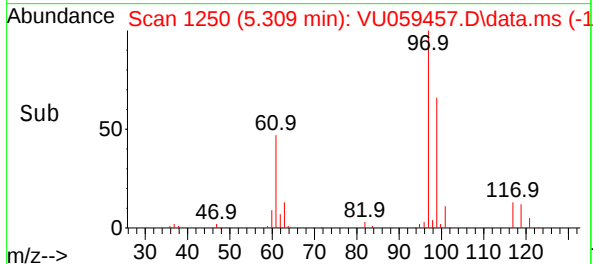
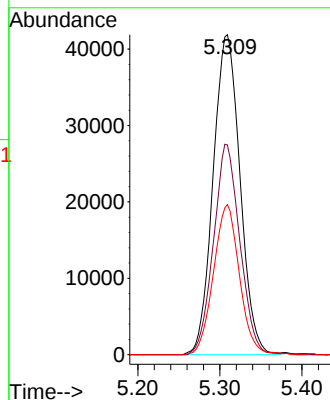
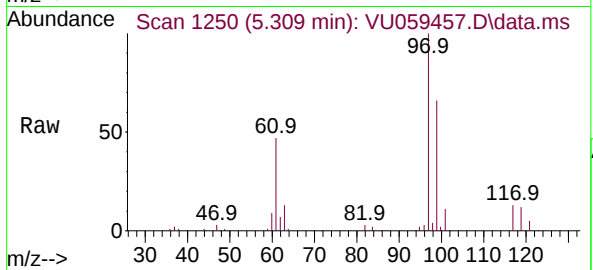




#29
1,1,1-Trichloroethane
Concen: 5.267 ug/L
RT: 5.309 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU059457.D
Acq: 25 Jun 2024 09:06

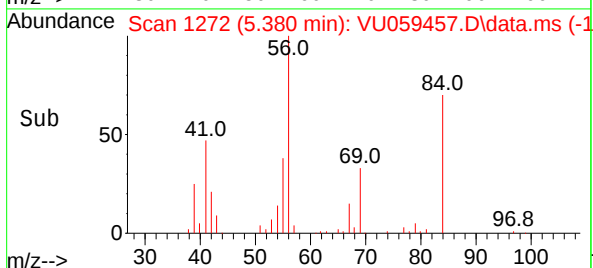
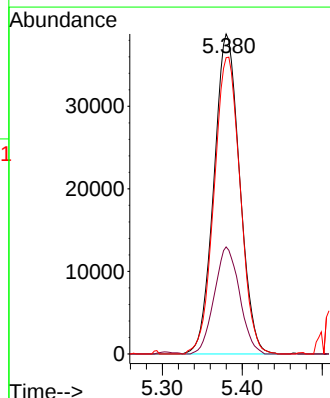
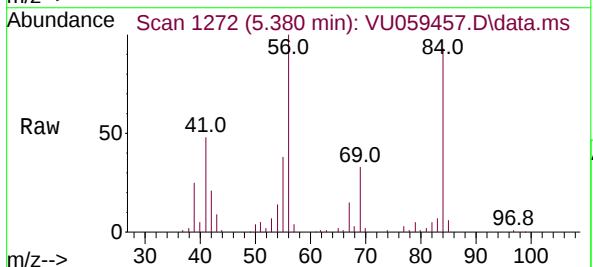
Instrument :
MSVOA_U
ClientSampleId :

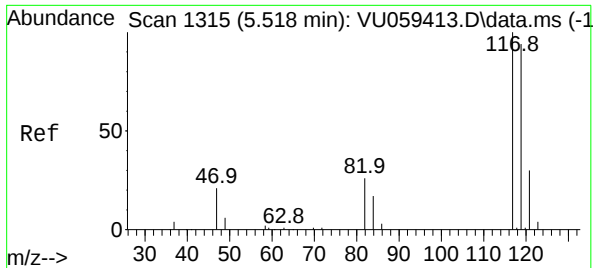
Tgt Ion: 97 Resp: 95620
Ion Ratio Lower Upper
97 100
99 64.3 51.8 77.6
61 45.2 37.4 56.2



#30
Cyclohexane
Concen: 5.400 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.003 min
Lab File: VU059457.D
Acq: 25 Jun 2024 09:06

Tgt Ion: 56 Resp: 86556
Ion Ratio Lower Upper
56 100
69 32.9 24.8 37.2
84 94.1 69.8 104.8

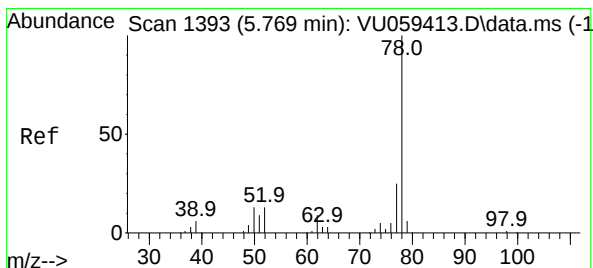
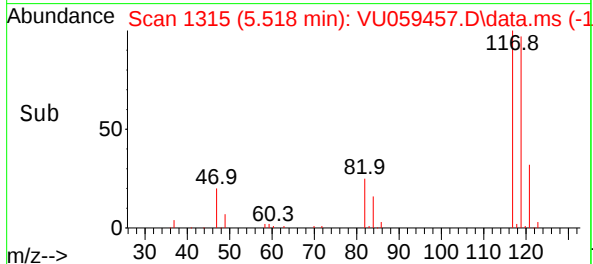
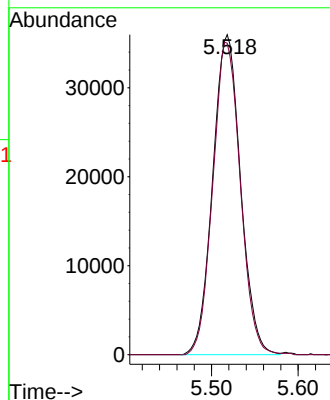
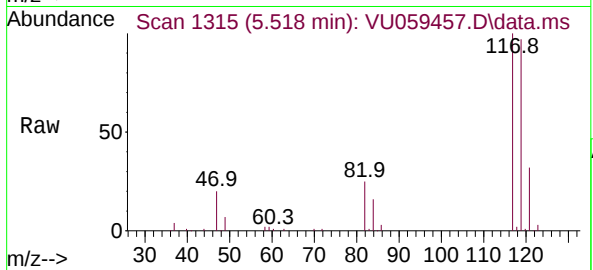




#31
Carbon tetrachloride
Concen: 5.295 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU059457.D
Acq: 25 Jun 2024 09:06

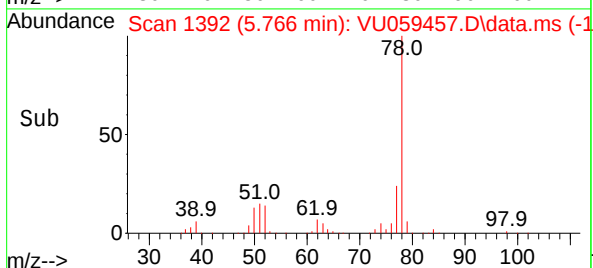
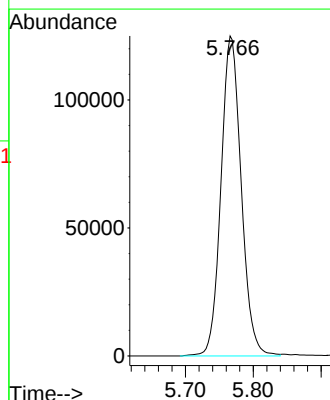
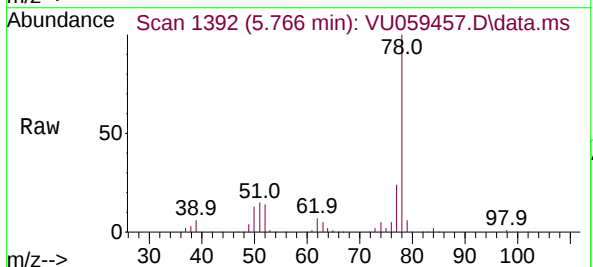
Instrument :
MSVOA_U
ClientSampleId :

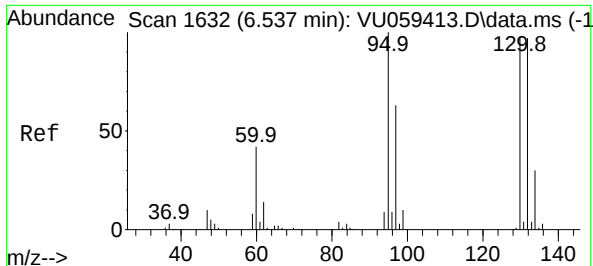
Tgt Ion:117 Resp: 80488
Ion Ratio Lower Upper
117 100
119 96.1 77.5 116.3



#33
Benzene
Concen: 5.424 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.003 min
Lab File: VU059457.D
Acq: 25 Jun 2024 09:06

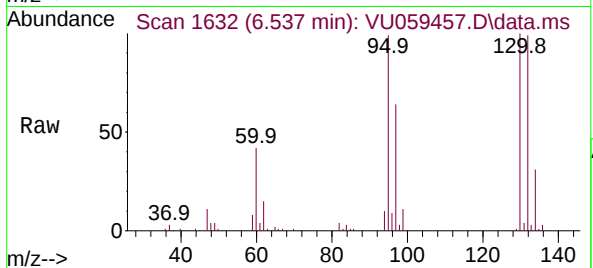
Tgt Ion: 78 Resp: 258974



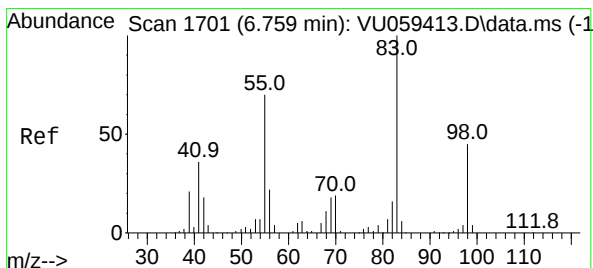
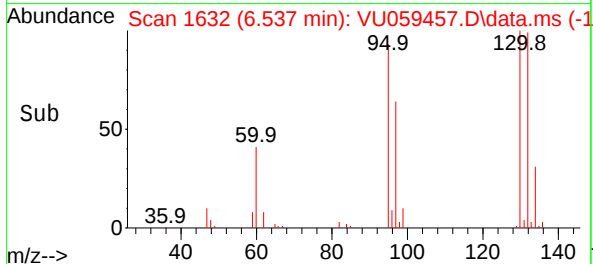
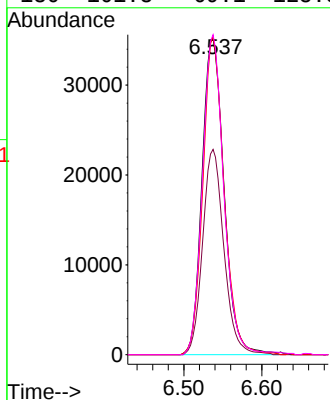


#34
Trichloroethene
Concen: 5.332 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU059457.D
Acq: 25 Jun 2024 09:06

Instrument :
MSVOA_U
ClientSampleId :

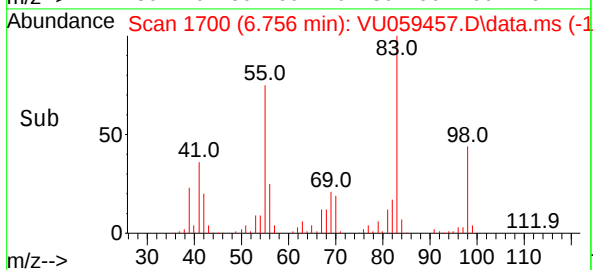
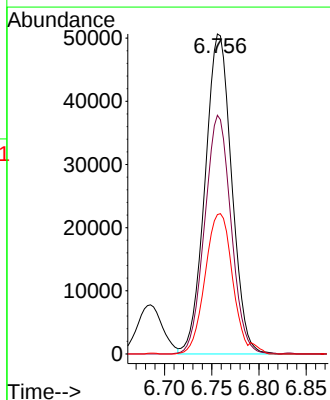
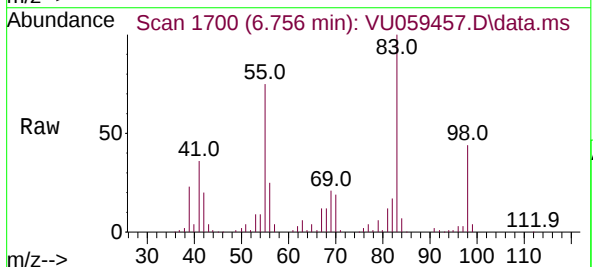


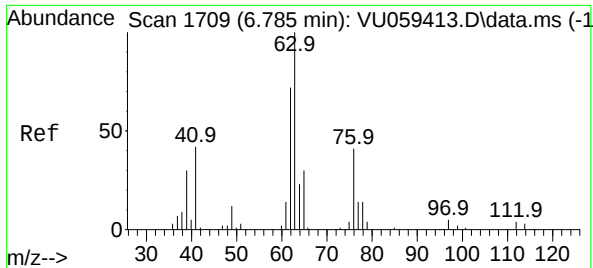
Tgt Ion: 95 Resp: 68938
Ion Ratio Lower Upper
95 100
97 65.0 45.3 84.1
132 100.8 64.0 119.0
130 101.3 69.1 128.3



#35
Methylcyclohexane
Concen: 5.405 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.003 min
Lab File: VU059457.D
Acq: 25 Jun 2024 09:06

Tgt Ion: 83 Resp: 99432
Ion Ratio Lower Upper
83 100
55 73.7 62.7 94.1
98 45.5 35.4 53.0

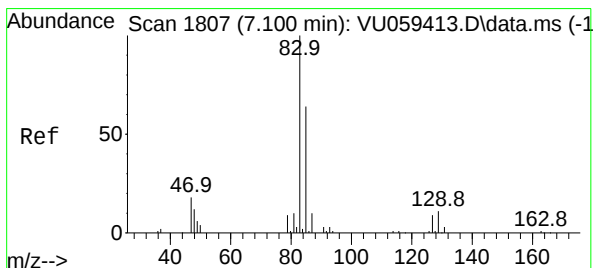
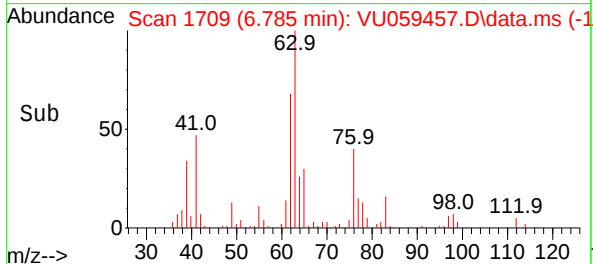
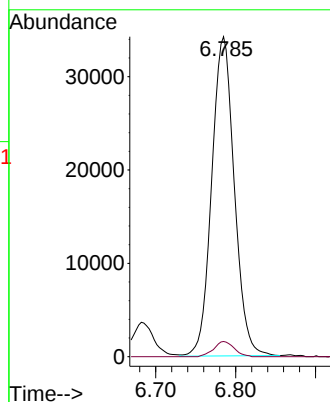
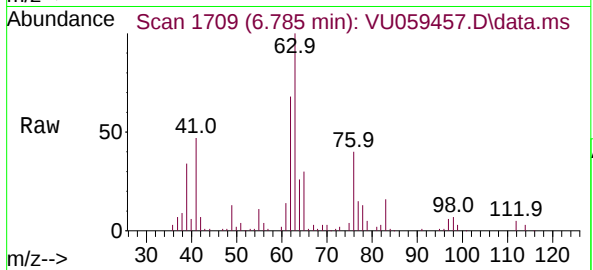




#37
1,2-Dichloropropane
Concen: 5.434 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. -0.000 min
Lab File: VU059457.D
Acq: 25 Jun 2024 09:06

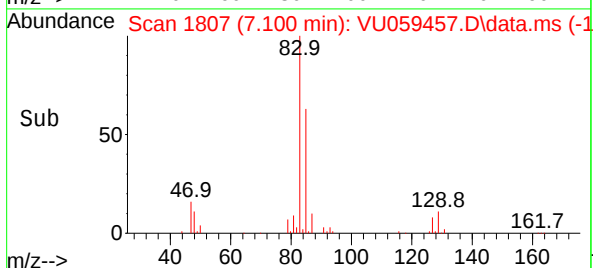
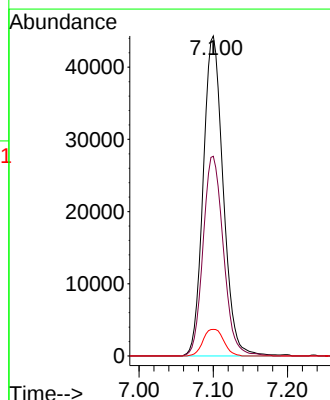
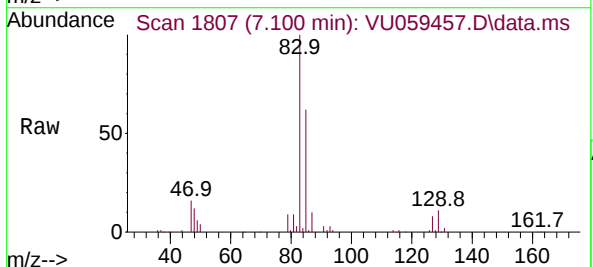
Instrument :
MSVOA_U
ClientSampleId :

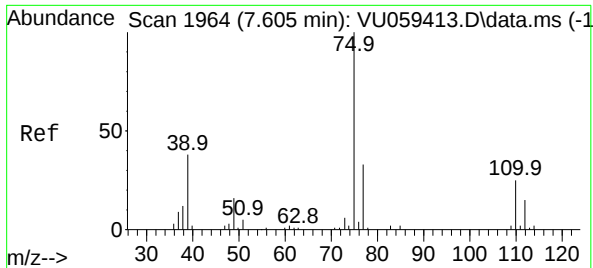
Tgt Ion: 63 Resp: 67141
Ion Ratio Lower Upper
63 100
112 4.3 2.6 3.8#



#38
Bromodichloromethane
Concen: 5.367 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU059457.D
Acq: 25 Jun 2024 09:06

Tgt Ion: 83 Resp: 82764
Ion Ratio Lower Upper
83 100
85 62.4 42.7 79.3
127 8.3 6.1 9.1

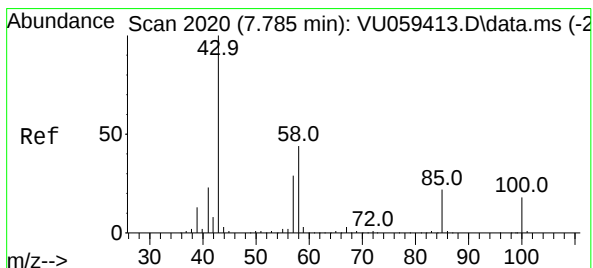
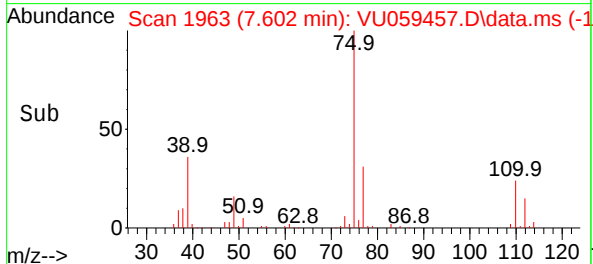
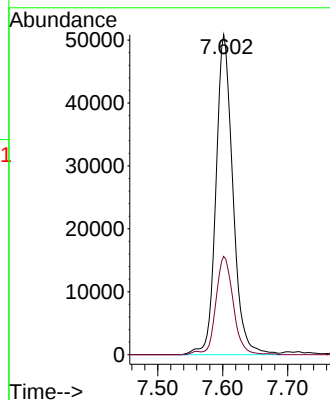
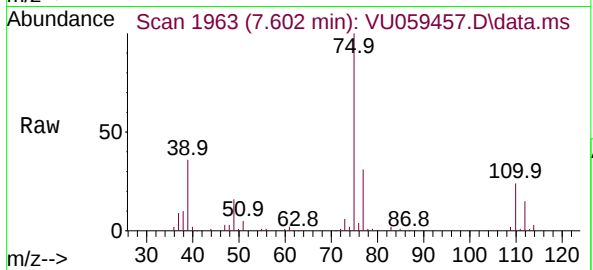




#39
 cis-1,3-Dichloropropene
 Concen: 5.446 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.003 min
 Lab File: VU059457.D
 Acq: 25 Jun 2024 09:06

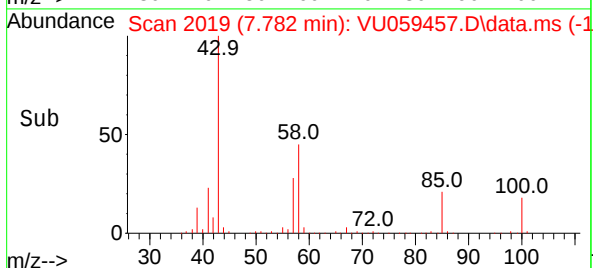
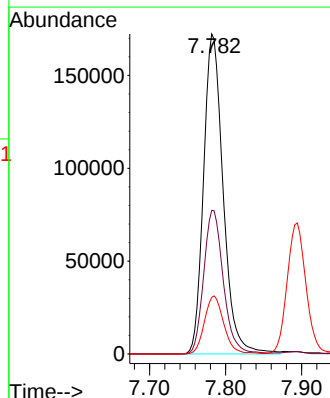
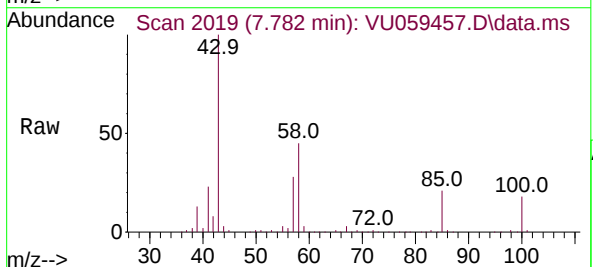
Instrument :
 MSVOA_U
 ClientSampleId :

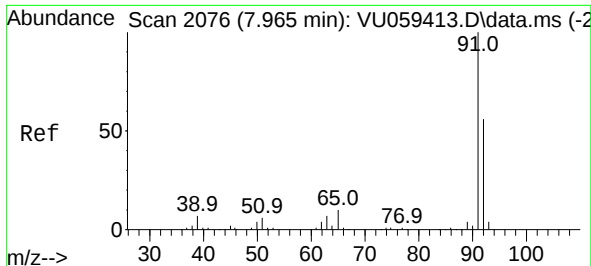
Tgt Ion: 75 Resp: 92017
 Ion Ratio Lower Upper
 75 100
 77 30.7 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 53.942 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.003 min
 Lab File: VU059457.D
 Acq: 25 Jun 2024 09:06

Tgt Ion: 43 Resp: 308823
 Ion Ratio Lower Upper
 43 100
 58 45.0 34.0 51.0
 100 17.9 12.1 18.1





#42

Toluene

Concen: 5.524 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU059457.D

Acq: 25 Jun 2024 09:06

Instrument :

MSVOA_U

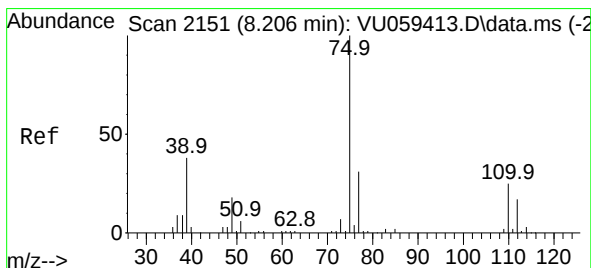
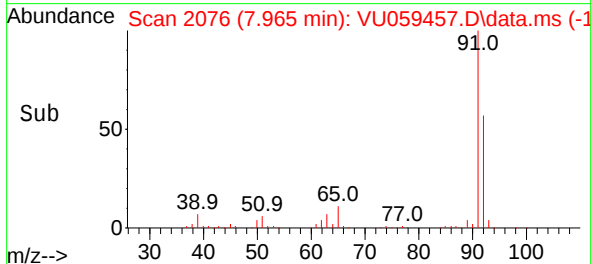
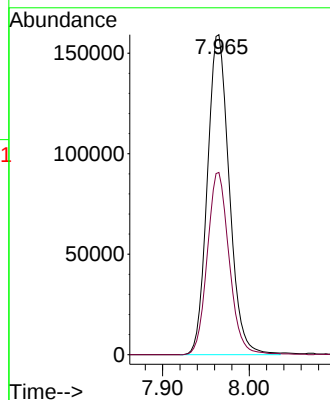
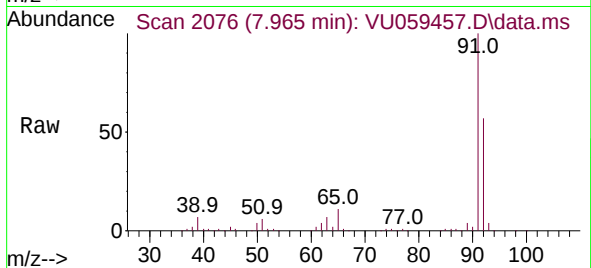
ClientSampleId :

Tgt Ion: 91 Resp: 279226

Ion Ratio Lower Upper

91 100

92 56.9 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 5.484 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU059457.D

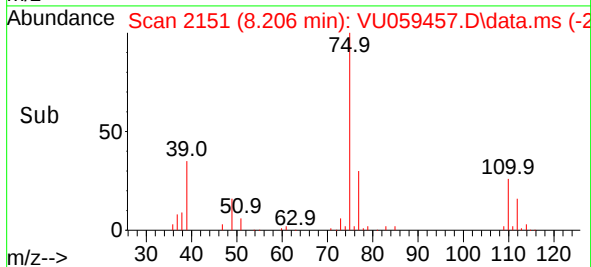
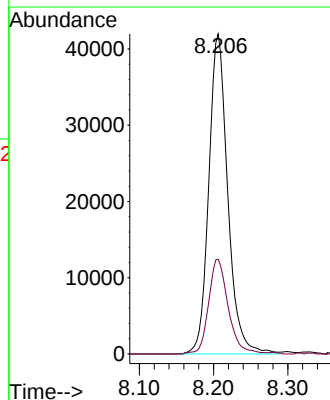
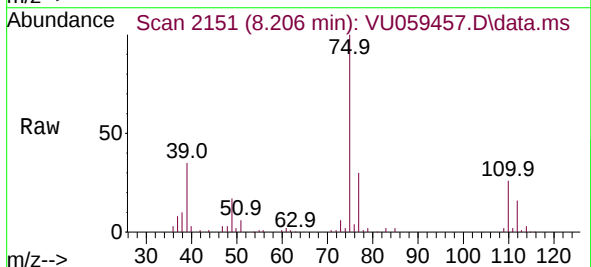
Acq: 25 Jun 2024 09:06

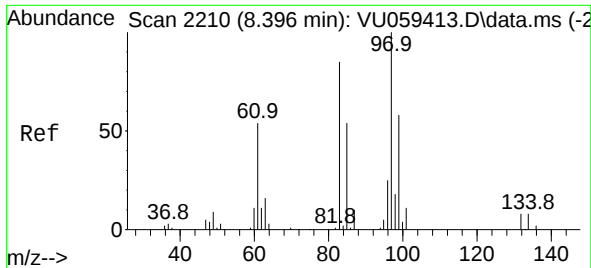
Tgt Ion: 75 Resp: 74367

Ion Ratio Lower Upper

75 100

77 29.6 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 5.403 ug/L

RT: 8.393 min Scan# 2210

Delta R.T. -0.003 min

Lab File: VU059457.D

Acq: 25 Jun 2024 09:06

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 49189

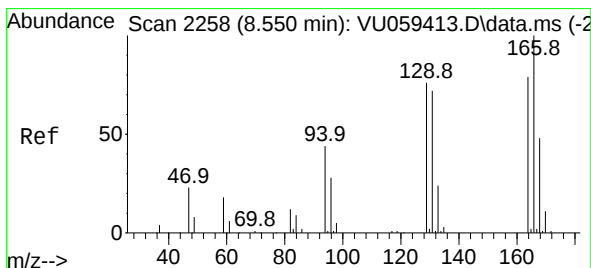
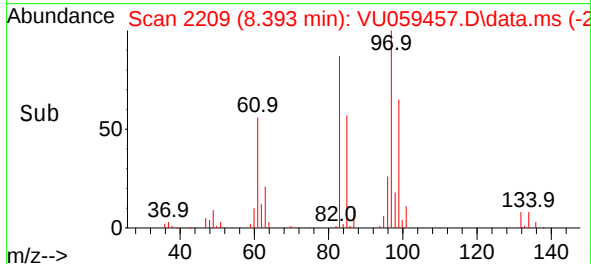
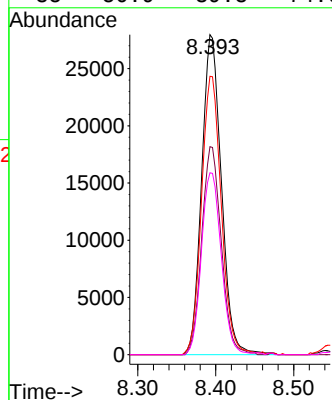
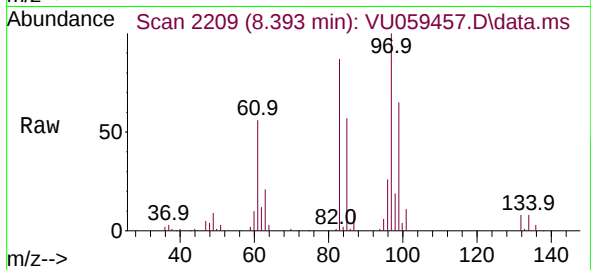
Ion Ratio Lower Upper

97 100

99 65.0 43.3 80.3

83 87.0 62.3 115.7

85 56.9 39.8 74.0



#47

Tetrachloroethene

Concen: 5.443 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.003 min

Lab File: VU059457.D

Acq: 25 Jun 2024 09:06

Tgt Ion:164 Resp: 54609

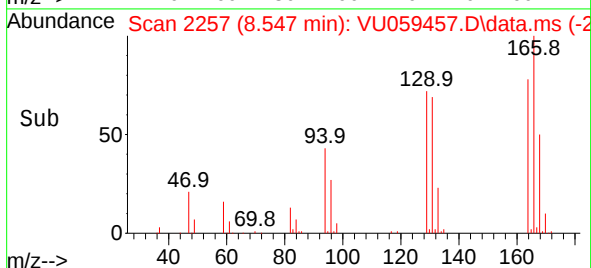
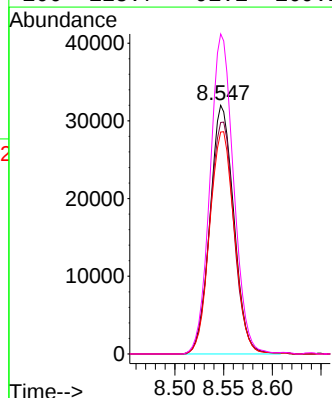
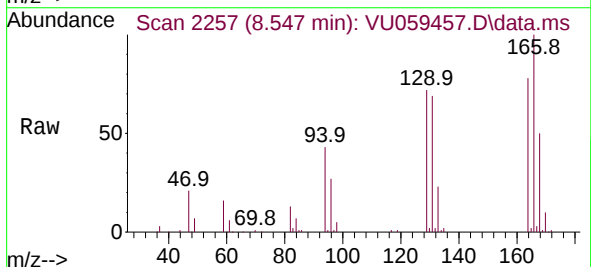
Ion Ratio Lower Upper

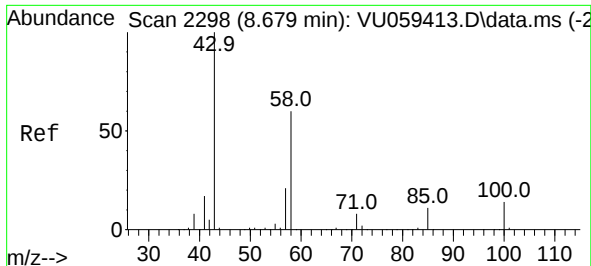
164 100

129 93.1 70.8 131.4

131 89.2 64.8 120.3

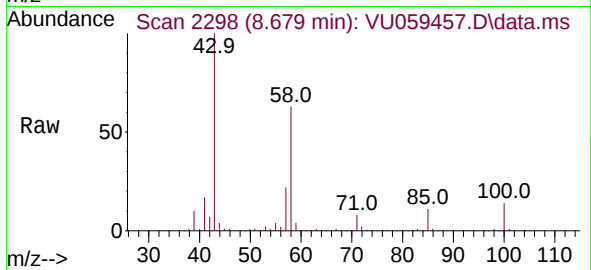
166 128.7 91.1 169.1



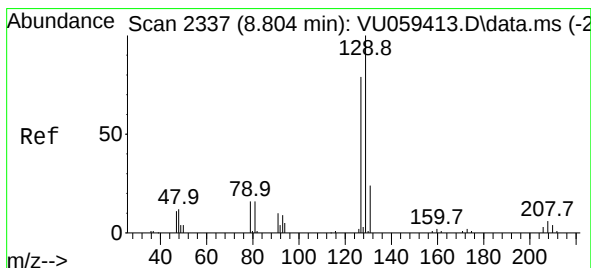
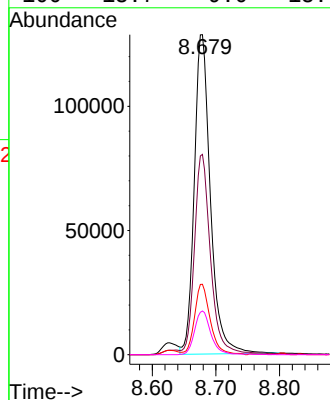
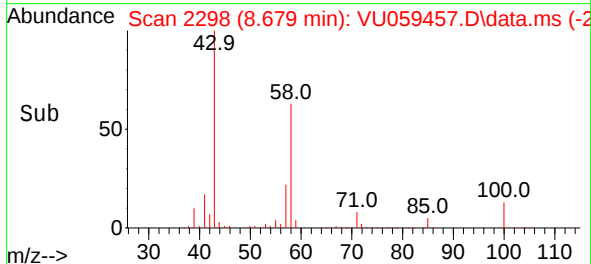


#48
2-Hexanone
Concen: 55.625 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VU059457.D
Acq: 25 Jun 2024 09:06

Instrument :
MSVOA_U
ClientSampleId :

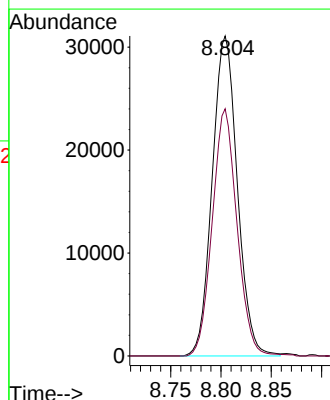
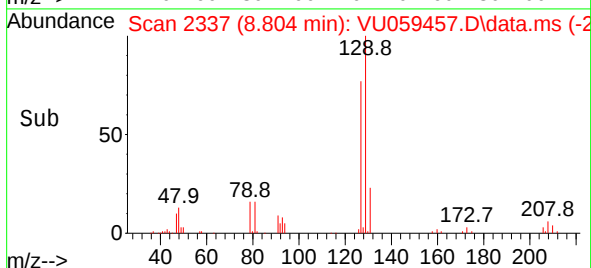
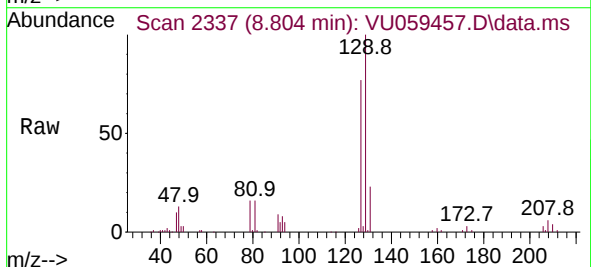


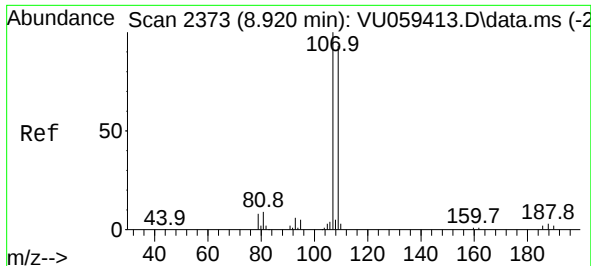
Tgt Ion: 43 Resp: 227279
Ion Ratio Lower Upper
43 100
58 61.8 46.1 69.1
57 21.5 15.5 23.3
100 13.7 9.0 13.6#



#49
Dibromochloromethane
Concen: 5.361 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU059457.D
Acq: 25 Jun 2024 09:06

Tgt Ion: 129 Resp: 54068
Ion Ratio Lower Upper
129 100
127 77.3 52.5 97.5

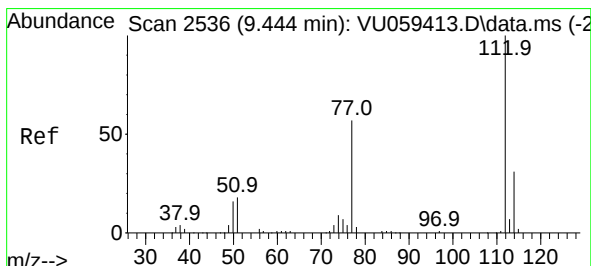
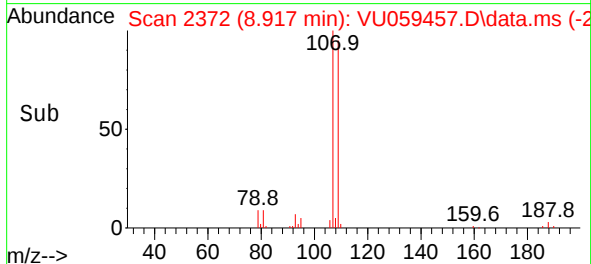
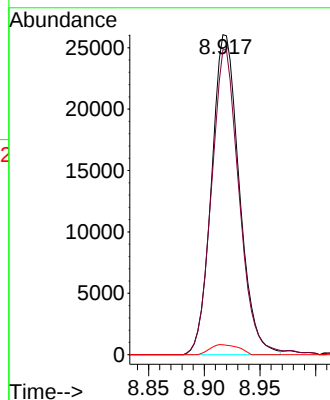
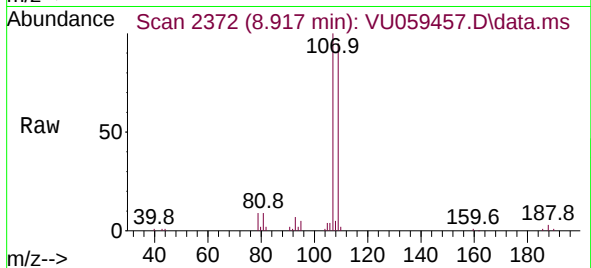




#50
1,2-Dibromoethane
Concen: 5.355 ug/L
RT: 8.917 min Scan# 24
Delta R.T. -0.003 min
Lab File: VU059457.D
Acq: 25 Jun 2024 09:06

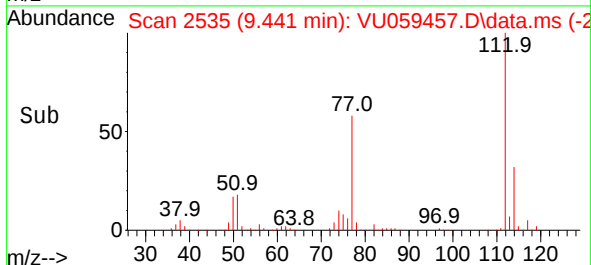
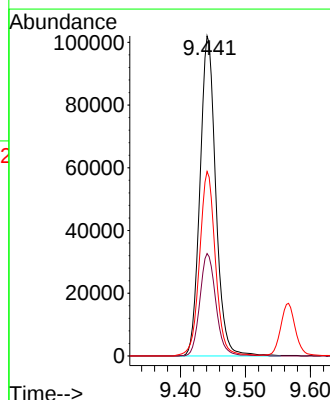
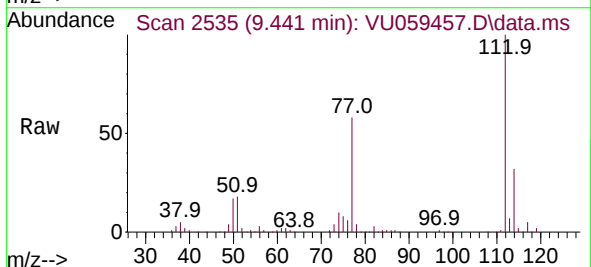
Instrument :
MSVOA_U
ClientSampleId :

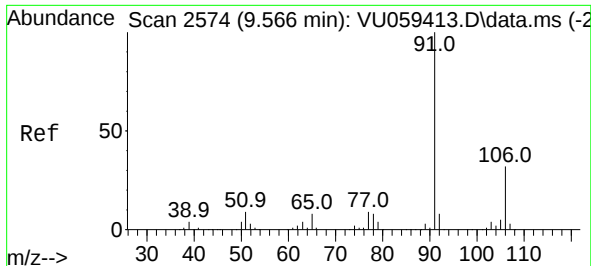
Tgt Ion:107 Resp: 45026
Ion Ratio Lower Upper
107 100
109 95.3 66.9 124.3
188 3.1 2.7 4.1



#51
Chlorobenzene
Concen: 5.396 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.003 min
Lab File: VU059457.D
Acq: 25 Jun 2024 09:06

Tgt Ion:112 Resp: 173000
Ion Ratio Lower Upper
112 100
114 32.0 22.4 41.6
77 57.7 49.1 73.7





#52

Ethylbenzene

Concen: 5.484 ug/L

RT: 9.566 min Scan# 2

Delta R.T. -0.000 min

Lab File: VU059457.D

Acq: 25 Jun 2024 09:06

Instrument :

MSVOA_U

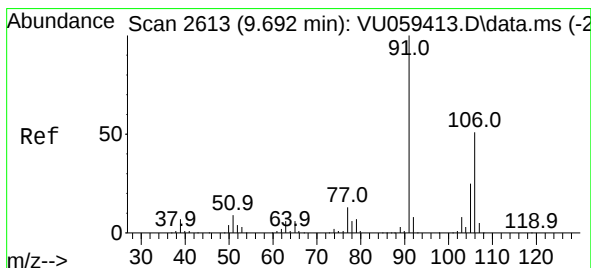
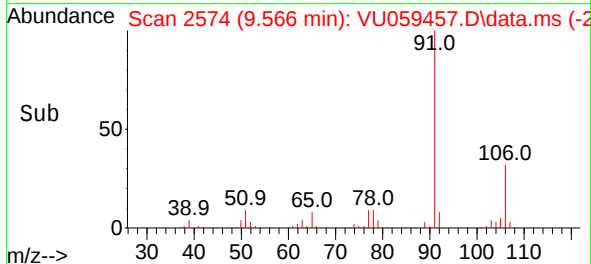
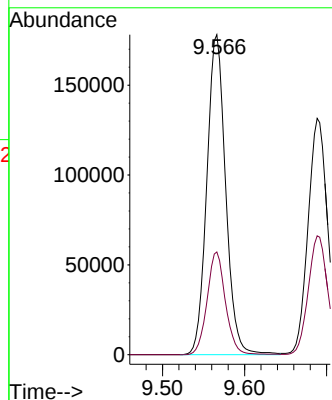
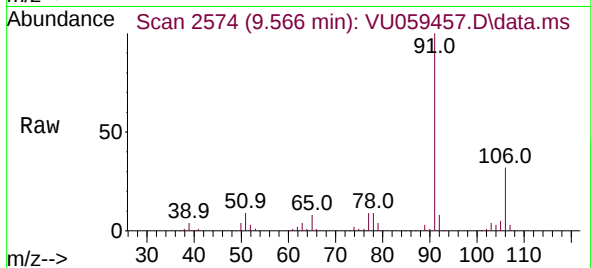
ClientSampleId :

Tgt Ion: 91 Resp: 284365

Ion Ratio Lower Upper

91 100

106 32.1 20.9 38.7



#53

m,p-Xylene

Concen: 5.583 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. -0.003 min

Lab File: VU059457.D

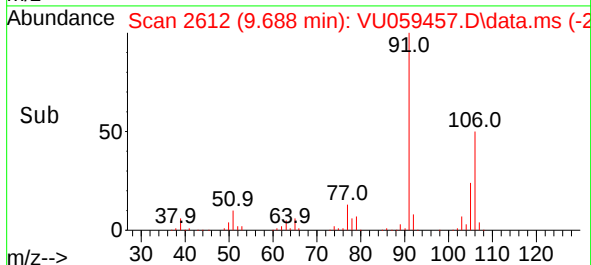
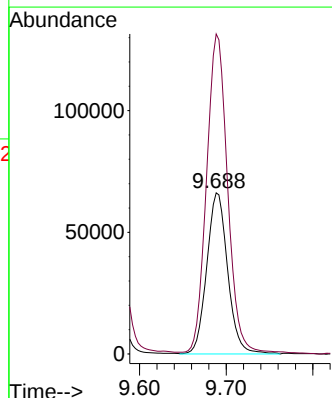
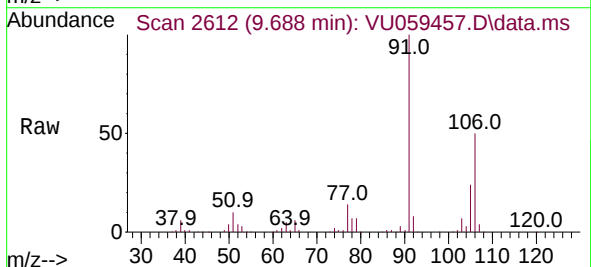
Acq: 25 Jun 2024 09:06

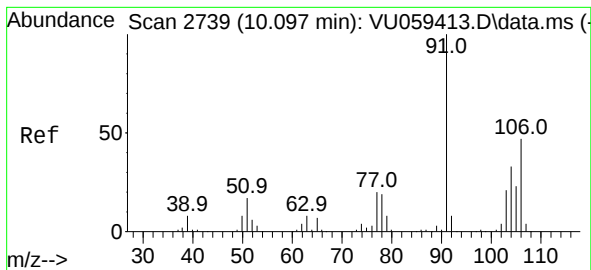
Tgt Ion:106 Resp: 111183

Ion Ratio Lower Upper

106 100

91 198.7 142.0 263.8





#54

o-Xylene

Concen: 5.571 ug/L

RT: 10.093 min Scan# 2739

Delta R.T. -0.003 min

Lab File: VU059457.D

Acq: 25 Jun 2024 09:06

Instrument :

MSVOA_U

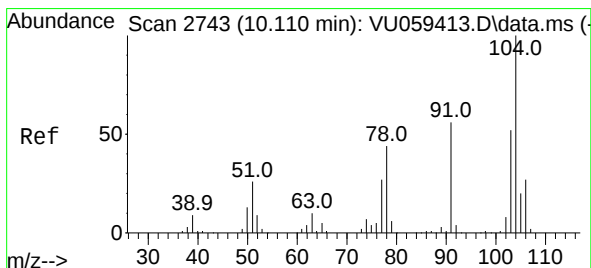
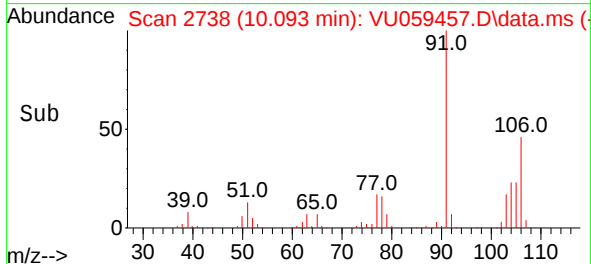
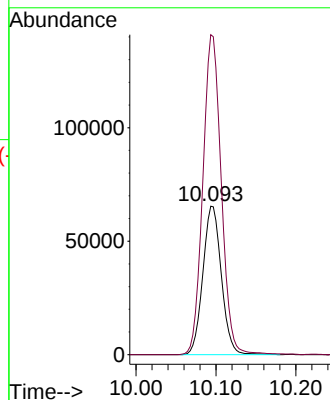
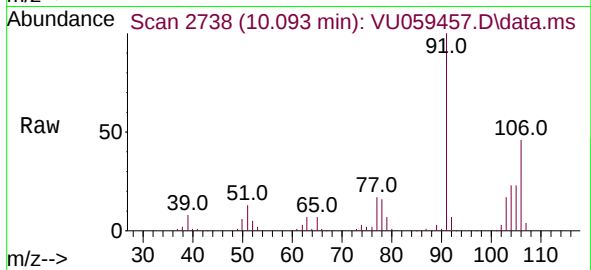
ClientSampleId :

Tgt Ion:106 Resp: 105290

Ion Ratio Lower Upper

106 100

91 215.6 151.6 281.6



#55

Styrene

Concen: 5.617 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. -0.000 min

Lab File: VU059457.D

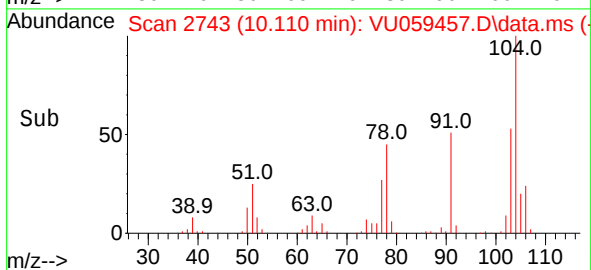
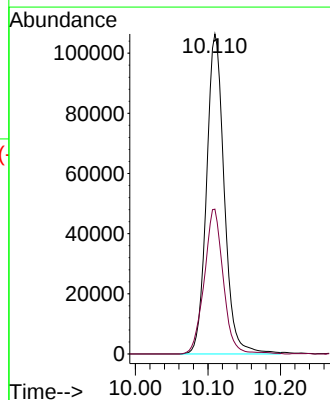
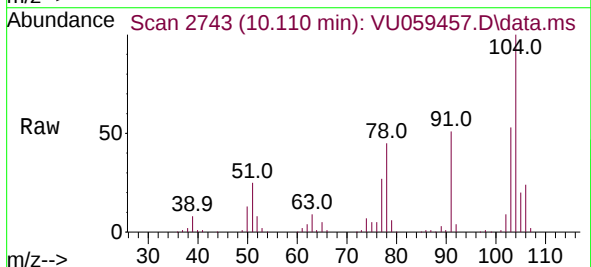
Acq: 25 Jun 2024 09:06

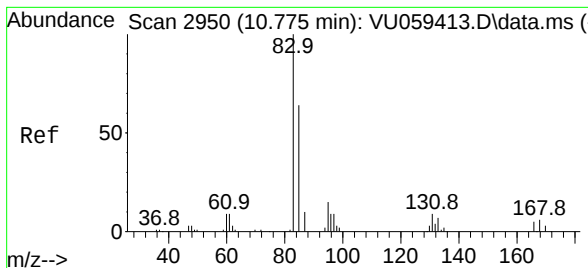
Tgt Ion:104 Resp: 180706

Ion Ratio Lower Upper

104 100

78 45.3 32.3 60.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.191 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU059457.D

Acq: 25 Jun 2024 09:06

Instrument :

MSVOA_U

ClientSampleId :

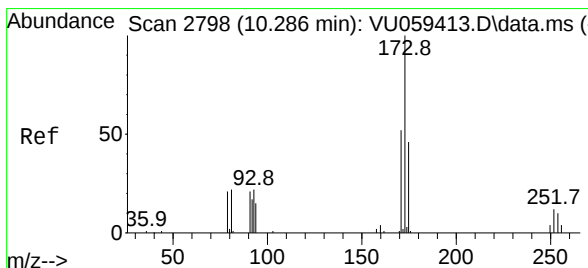
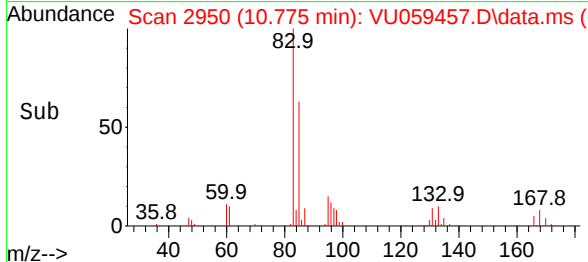
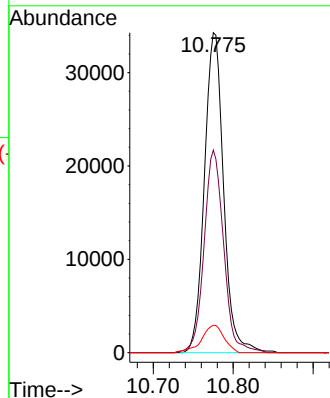
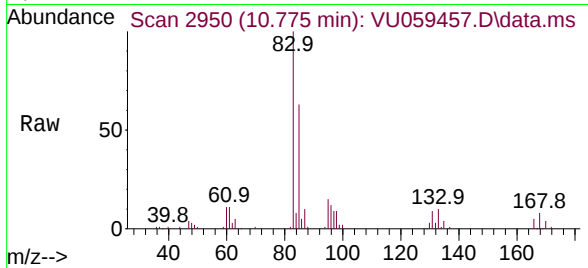
Tgt Ion: 83 Resp: 57338

Ion Ratio Lower Upper

83 100

85 63.3 44.7 82.9

131 8.6 6.9 10.3



#59

Bromoform

Concen: 5.235 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. -0.000 min

Lab File: VU059457.D

Acq: 25 Jun 2024 09:06

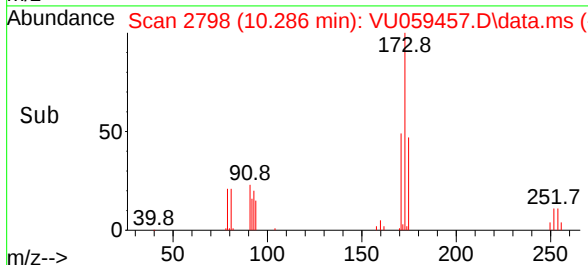
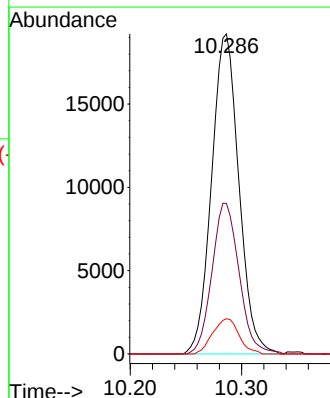
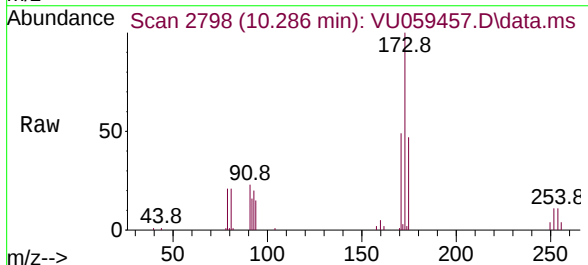
Tgt Ion:173 Resp: 32677

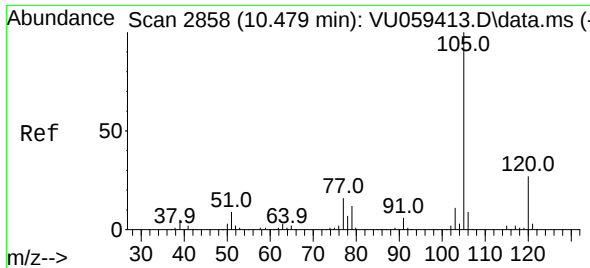
Ion Ratio Lower Upper

173 100

175 46.9 39.4 59.2

254 10.6 7.4 11.2

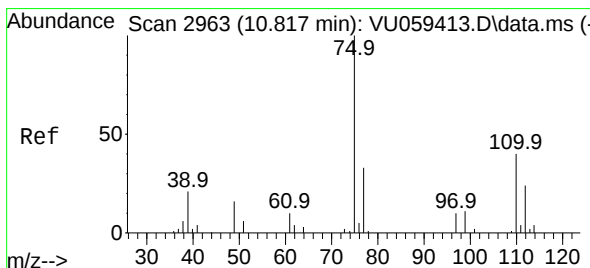
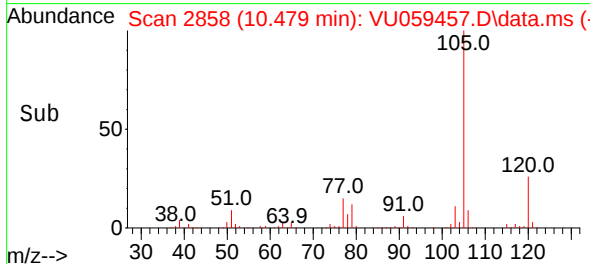
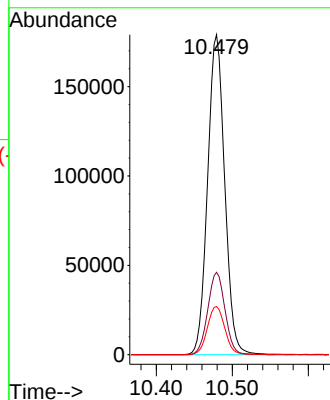
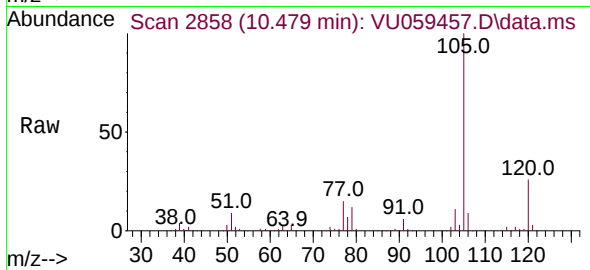




#60
Isopropylbenzene
Concen: 5.548 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU059457.D
Acq: 25 Jun 2024 09:06

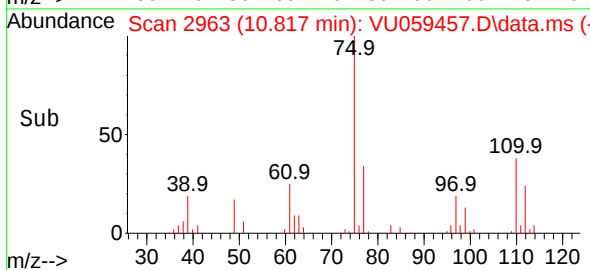
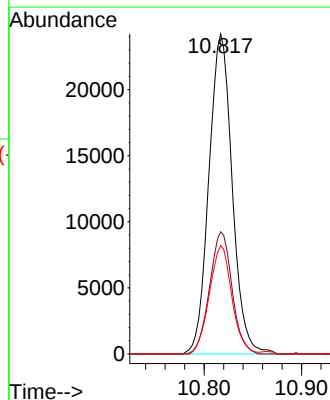
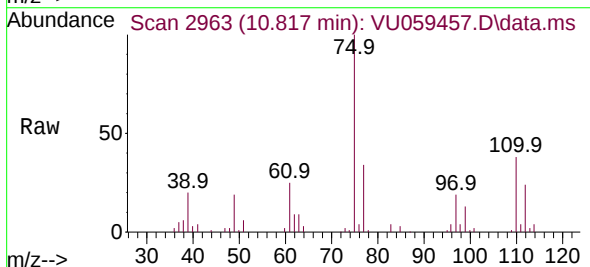
Instrument :
MSVOA_U
ClientSampleId :

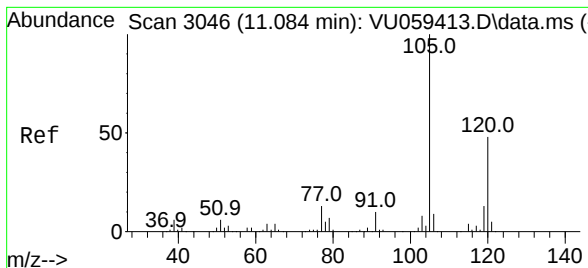
Tgt Ion:105 Resp: 279553
Ion Ratio Lower Upper
105 100
120 26.0 20.6 31.0
77 15.4 12.8 19.2



#61
1,2,3-Trichloropropane
Concen: 5.333 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU059457.D
Acq: 25 Jun 2024 09:06

Tgt Ion: 75 Resp: 40195
Ion Ratio Lower Upper
75 100
110 36.7 27.1 40.7
77 32.8 25.4 38.2





#62

1,3,5-Trimethylbenzene

Concen: 5.530 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU059457.D

Acq: 25 Jun 2024 09:06

Instrument :

MSVOA_U

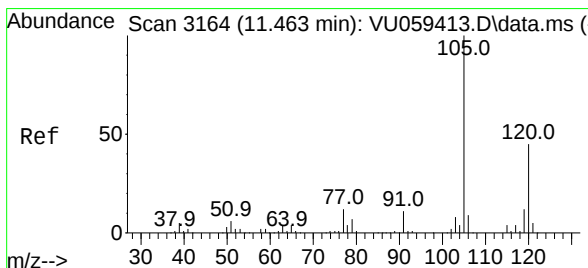
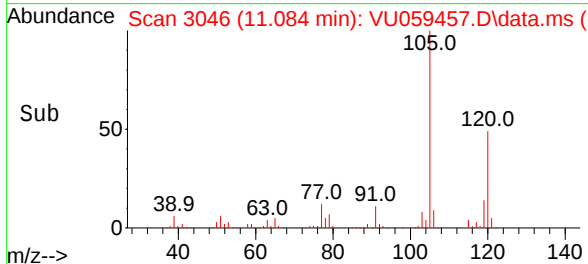
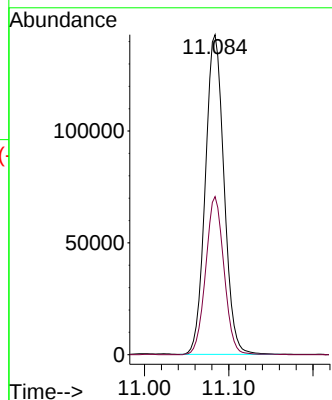
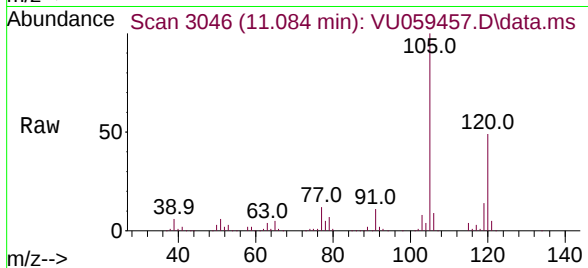
ClientSampleId :

Tgt Ion:105 Resp: 220733

Ion Ratio Lower Upper

105 100

120 48.5 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 5.715 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU059457.D

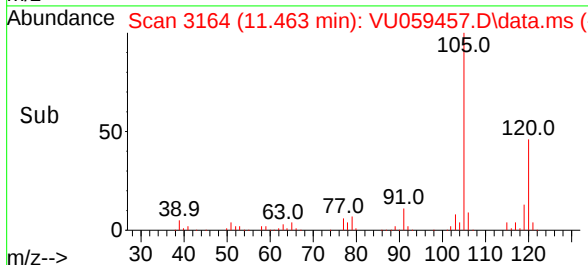
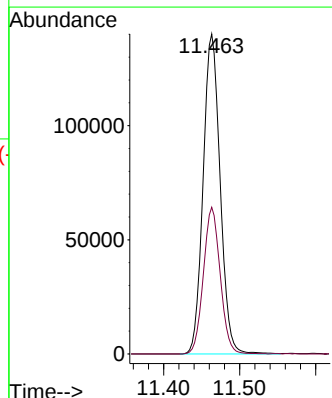
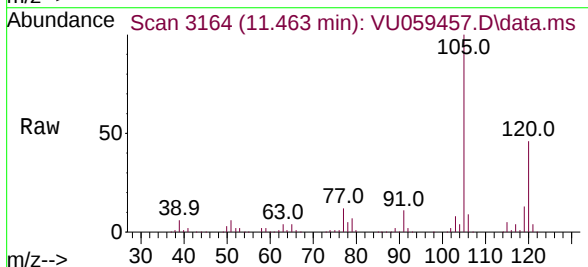
Acq: 25 Jun 2024 09:06

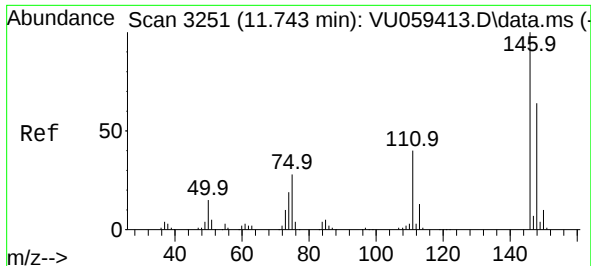
Tgt Ion:105 Resp: 218086

Ion Ratio Lower Upper

105 100

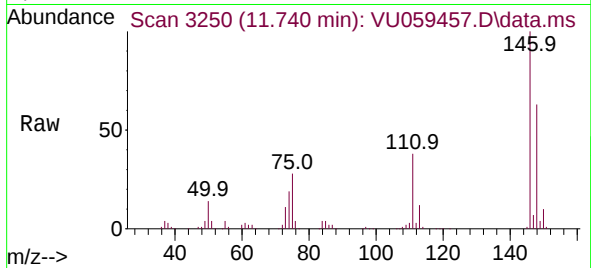
120 45.3 35.4 53.0



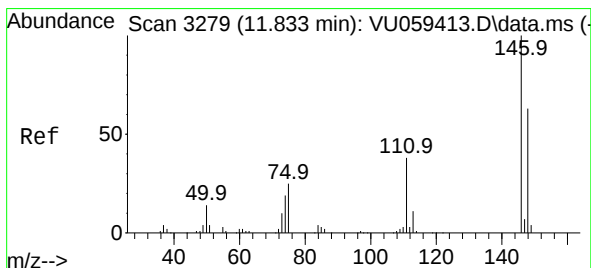
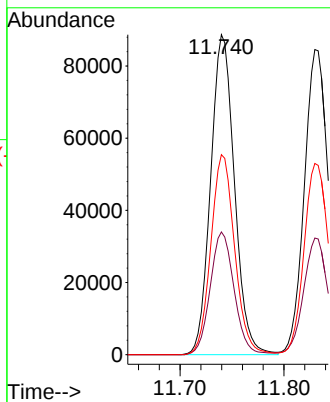
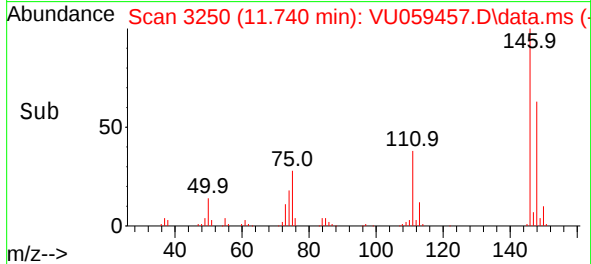


#64
1,3-Dichlorobenzene
Concen: 5.509 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU059457.D
Acq: 25 Jun 2024 09:06

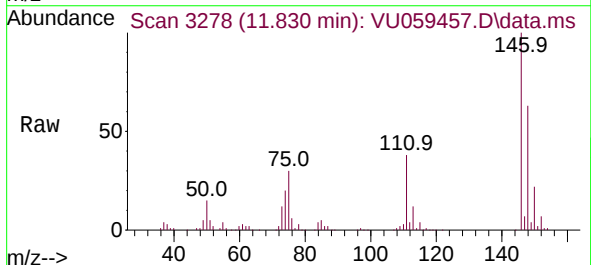
Instrument :
MSVOA_U
ClientSampleId :



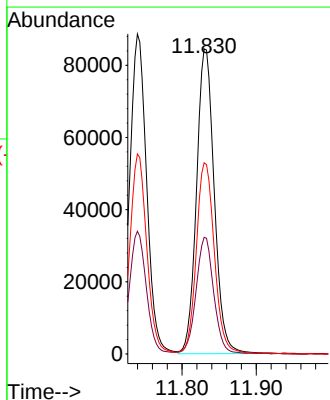
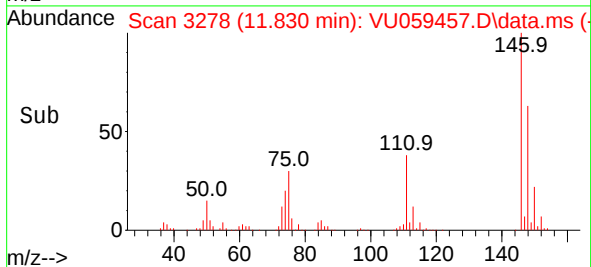
Tgt Ion:146 Resp: 141172
Ion Ratio Lower Upper
146 100
111 38.3 27.4 51.0
148 62.5 45.0 83.6

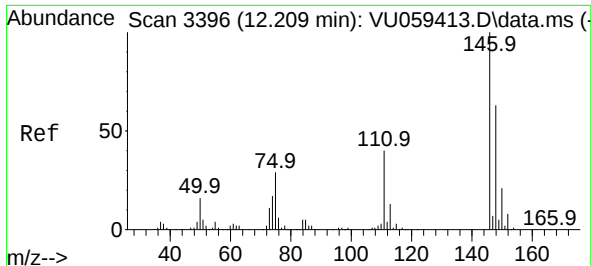


#65
1,4-Dichlorobenzene
Concen: 5.327 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.003 min
Lab File: VU059457.D
Acq: 25 Jun 2024 09:06



Tgt Ion:146 Resp: 140528
Ion Ratio Lower Upper
146 100
111 38.2 26.9 50.1
148 62.7 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.377 ug/L

RT: 12.206 min Scan# 3396

Delta R.T. -0.003 min

Lab File: VU059457.D

Acq: 25 Jun 2024 09:06

Instrument :

MSVOA_U

ClientSampleId :

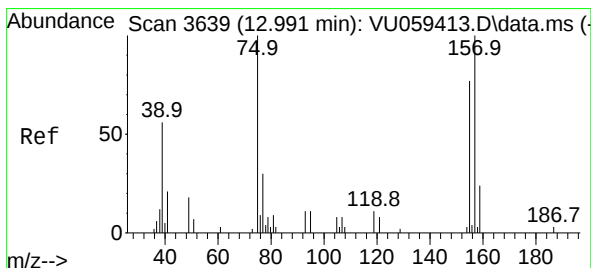
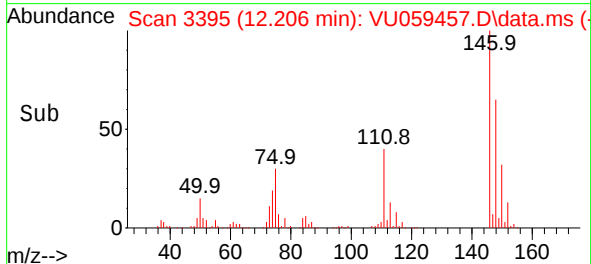
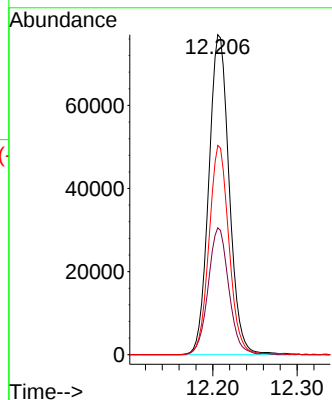
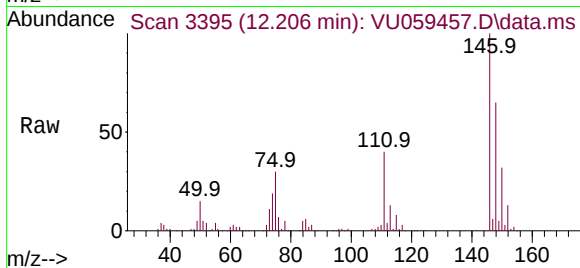
Tgt Ion:146 Resp: 129675

Ion Ratio Lower Upper

146 100

111 39.7 33.4 50.0

148 65.4 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.633 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU059457.D

Acq: 25 Jun 2024 09:06

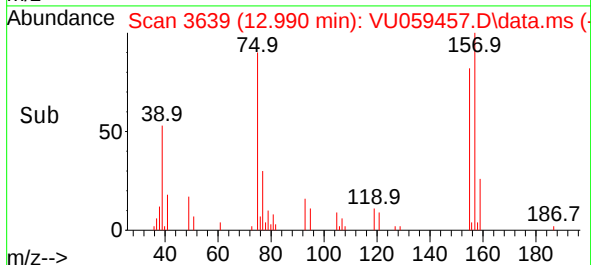
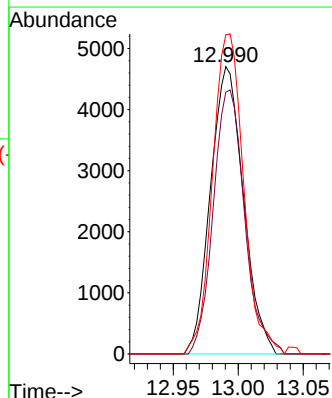
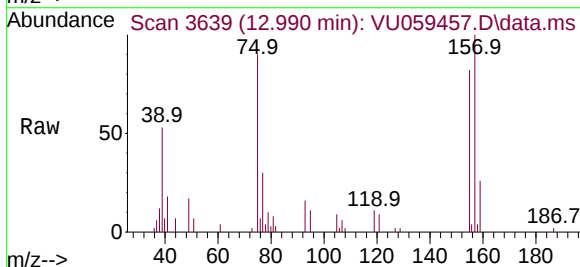
Tgt Ion: 75 Resp: 8281

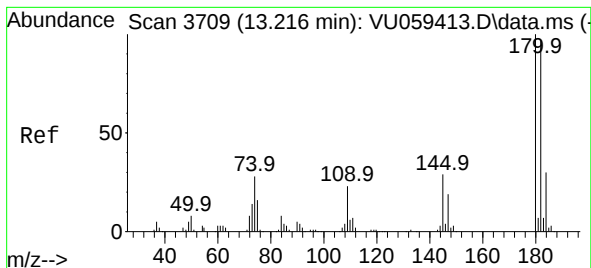
Ion Ratio Lower Upper

75 100

155 91.1 58.2 87.2#

157 111.1 80.0 120.0





#69

1,3,5-Trichlorobenzene

Concen: 5.418 ug/L

RT: 13.216 min Scan# 3709

Delta R.T. -0.000 min

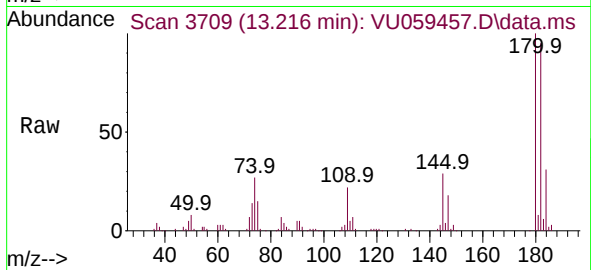
Lab File: VU059457.D

Acq: 25 Jun 2024 09:06

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 102782

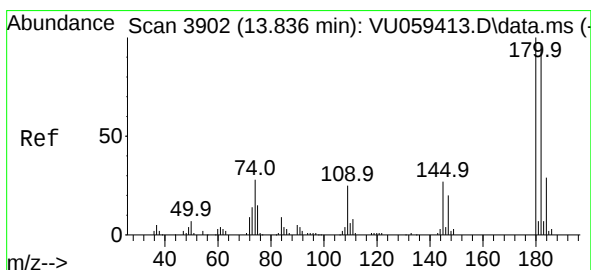
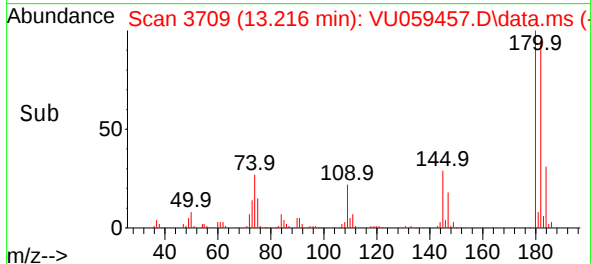
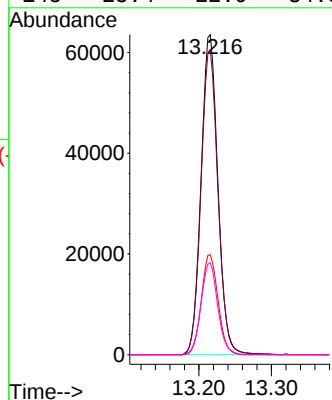
Ion Ratio Lower Upper

180 100

182 95.6 75.4 113.0

184 30.9 23.0 34.6

145 28.4 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 5.715 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU059457.D

Acq: 25 Jun 2024 09:06

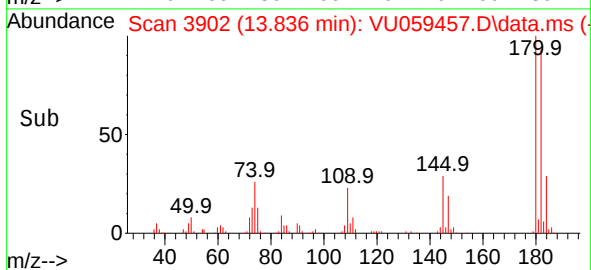
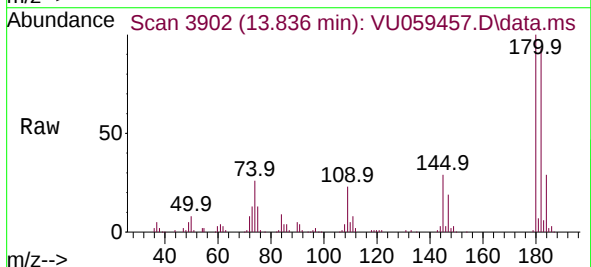
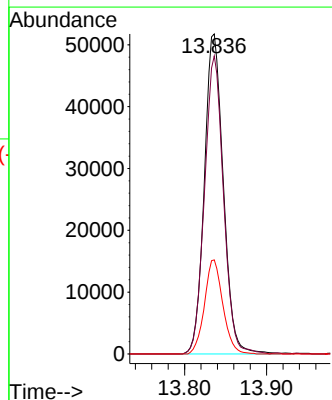
Tgt Ion:180 Resp: 83165

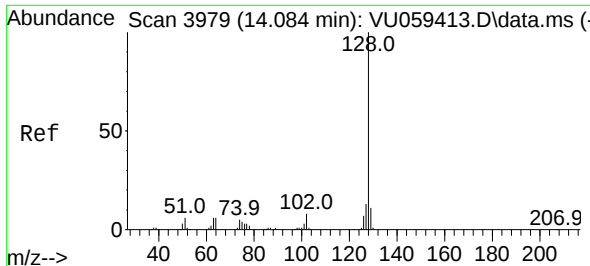
Ion Ratio Lower Upper

180 100

182 93.0 74.9 112.3

145 28.5 23.9 35.9

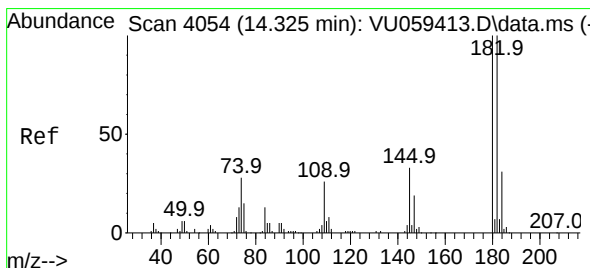
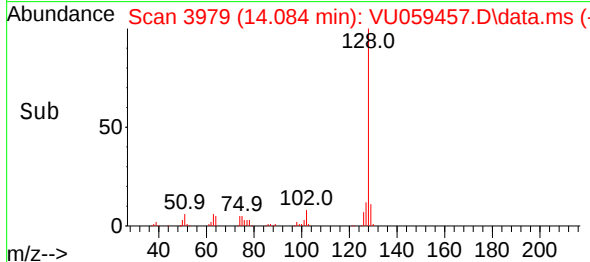
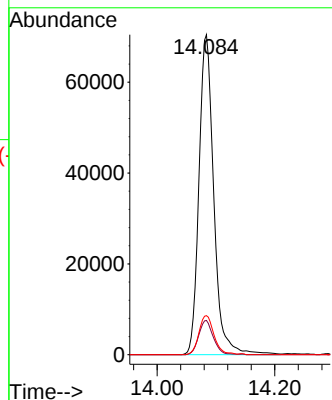
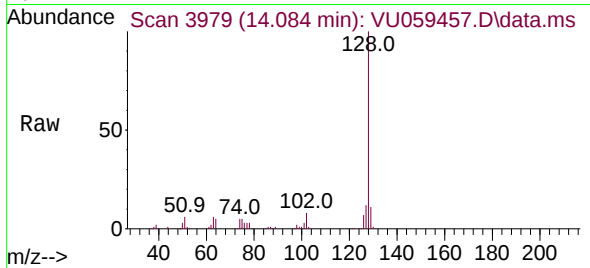




#71
Naphthalene
Concen: 5.916 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU059457.D
Acq: 25 Jun 2024 09:06

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 123219
Ion Ratio Lower Upper
128 100
129 10.5 8.2 12.4
127 12.5 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.392 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU059457.D
Acq: 25 Jun 2024 09:06

Tgt Ion:180 Resp: 72860
Ion Ratio Lower Upper
180 100
182 97.3 77.0 115.6
145 31.4 26.2 39.4

