

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062524\
 Data File : VU059482.D
 Acq On : 25 Jun 2024 19:28
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 26 04:32:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 26 04:26:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	151290	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	156567	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	83208	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	45554	4.330	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.600%
7) Chloroethane-d5	1.904	69	45391	4.484	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.557	65	19545	4.478	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.600%
20) 2-Butanone-d5	4.618	46	117635	54.286	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.580%
24) Chloroform-d	5.052	84	101268	4.690	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.692	65	49785	4.786	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	5.718	84	205873	4.778	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.682	67	62879	4.762	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.891	98	192007	4.793	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
43) trans-1,3-Dichloroprop...	8.174	79	20538	4.967	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.400%
46) 2-Hexanone-d5	8.624	63	92507	53.849	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.700%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	55415	5.080	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	69747	4.710	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	62965	4.912	ug/L	99
3) Chloromethane	1.515	50	70953	5.142	ug/L	99
5) Vinyl chloride	1.599	62	79303	5.203	ug/L	100
6) Bromomethane	1.850	94	52586	4.962	ug/L	96
8) Chloroethane	1.927	64	47633	5.187	ug/L	99
9) Trichlorofluoromethane	2.132	101	95634	5.212	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	58963	5.077	ug/L	95
12) 1,1-Dichloroethene	2.573	96	54960	5.122	ug/L	84
13) Acetone	2.628	43	80853	57.519	ug/L	94
14) Carbon disulfide	2.785	76	178575	4.988	ug/L	99
15) Methyl Acetate	2.946	43	21531	5.804	ug/L	93
16) Methylene chloride	3.036	84	66948	5.265	ug/L	91
17) Methyl tert-butyl Ether	3.354	73	128242	5.546	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	57921	5.190	ug/L	90
19) 1,1-Dichloroethane	3.859	63	108804	5.287	ug/L	98
21) 2-Butanone	4.695	43	134515	59.661	ug/L	90
22) cis-1,2-Dichloroethene	4.656	96	65285	5.308	ug/L	96
23) Bromochloromethane	4.965	128	30825	5.497	ug/L	88
25) Chloroform	5.078	83	115435	5.326	ug/L	96

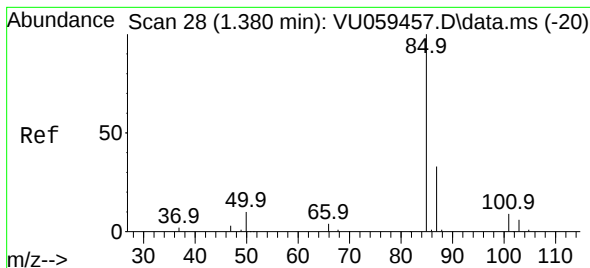
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062524\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 26 04:26:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	70923	5.400	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	93126	5.151	ug/L	98
30) Cyclohexane	5.380	56	80279	5.029	ug/L	94
31) Carbon tetrachloride	5.515	117	78309	5.173	ug/L	98
33) Benzene	5.766	78	254734	5.358	ug/L	100
34) Trichloroethene	6.537	95	66091	5.133	ug/L	98
35) Methylcyclohexane	6.756	83	90540	4.942	ug/L	97
37) 1,2-Dichloropropane	6.782	63	65671	5.337	ug/L #	98
38) Bromodichloromethane	7.097	83	80687	5.254	ug/L	93
39) cis-1,3-Dichloropropene	7.602	75	87735	5.214	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	341804	59.951	ug/L	97
42) Toluene	7.962	91	275430	5.472	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	75025	5.555	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	51375	5.666	ug/L	95
47) Tetrachloroethene	8.547	164	52766	5.281	ug/L	96
48) 2-Hexanone	8.676	43	252483	62.051	ug/L #	94
49) Dibromochloromethane	8.801	129	55074	5.483	ug/L	98
50) 1,2-Dibromoethane	8.917	107	48004	5.733	ug/L	95
51) Chlorobenzene	9.441	112	166171	5.205	ug/L	97
52) Ethylbenzene	9.563	91	265253	5.137	ug/L	98
53) m,p-Xylene	9.688	106	104509	5.270	ug/L	100
54) o-Xylene	10.094	106	99100	5.265	ug/L	99
55) Styrene	10.110	104	175635	5.482	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	61962	5.633	ug/L	98
59) Bromoform	10.286	173	34812	5.467	ug/L	96
60) Isopropylbenzene	10.479	105	263316	5.123	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	43494	5.656	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	202625	4.976	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	198205	5.091	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	133236	5.096	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	134174	4.986	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	126467	5.141	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	8607	5.739	ug/L #	76
69) 1,3,5-Trichlorobenzene	13.216	180	93960	4.855	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	72287	4.869	ug/L	96
71) Naphthalene	14.084	128	108357	5.100	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	71209	5.166	ug/L	97

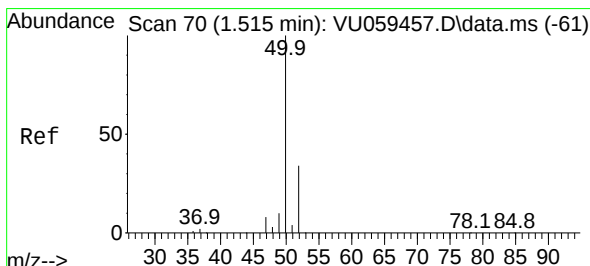
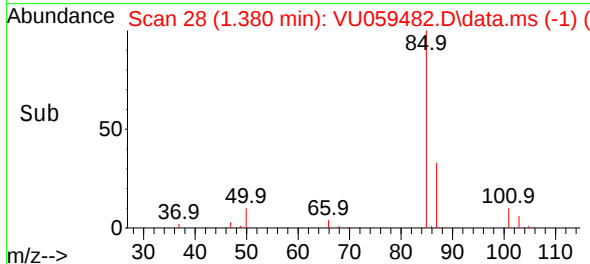
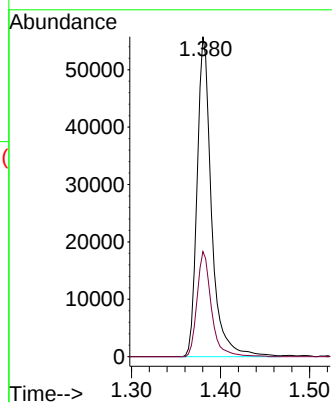
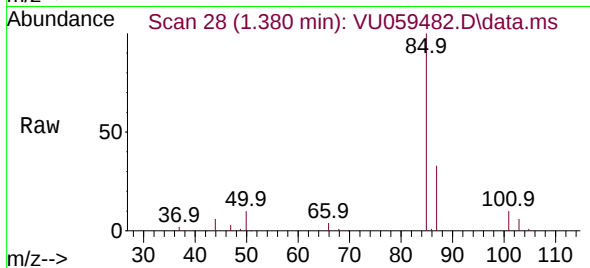
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#2
Dichlorodifluoromethane
Concen: 4.912 ug/L
RT: 1.380 min Scan# 20
Delta R.T. 0.000 min
Lab File: VU059482.D
Acq: 25 Jun 2024 19:28

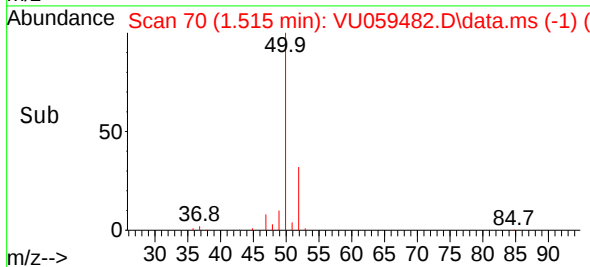
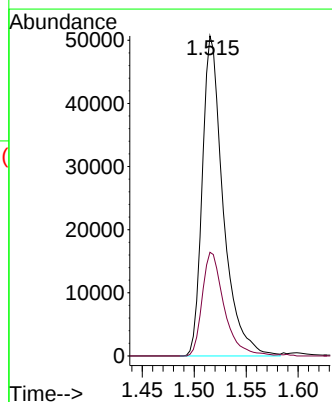
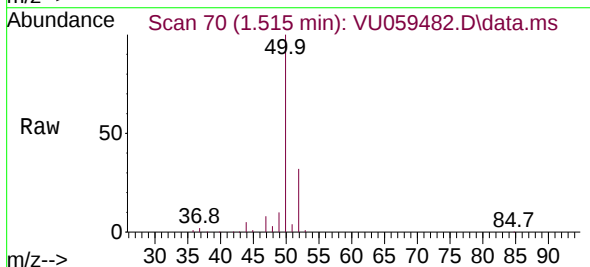
Instrument :
MSVOA_U
ClientSampleId :

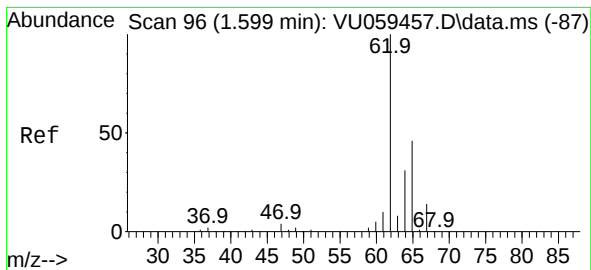
Tgt Ion: 85 Resp: 62965
Ion Ratio Lower Upper
85 100
87 32.7 26.6 40.0



#3
Chloromethane
Concen: 5.142 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU059482.D
Acq: 25 Jun 2024 19:28

Tgt Ion: 50 Resp: 70953
Ion Ratio Lower Upper
50 100
52 32.4 23.2 43.0





#5

Vinyl chloride

Concen: 5.203 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

Lab File: VU059482.D

Acq: 25 Jun 2024 19:28

Instrument :

MSVOA_U

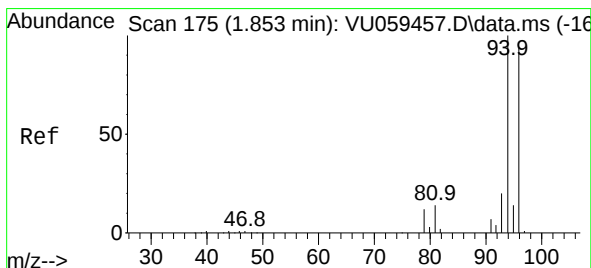
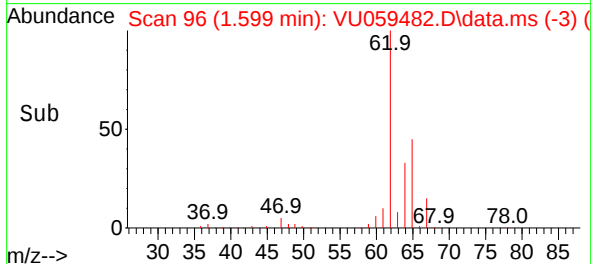
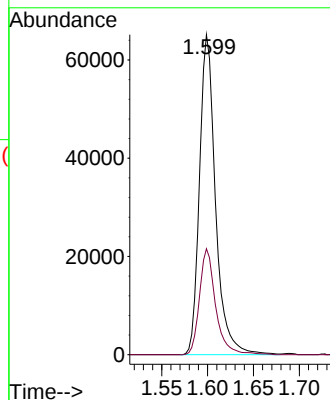
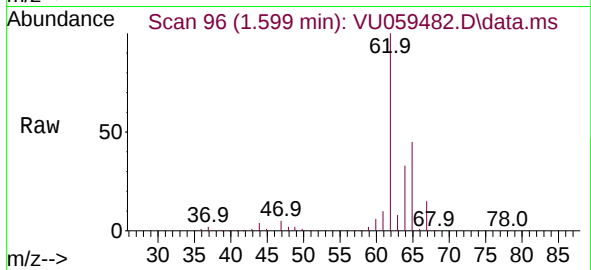
ClientSampleId :

Tgt Ion: 62 Resp: 79303

Ion Ratio Lower Upper

62 100

64 33.1 23.1 42.9



#6

Bromomethane

Concen: 4.962 ug/L

RT: 1.850 min Scan# 174

Delta R.T. -0.003 min

Lab File: VU059482.D

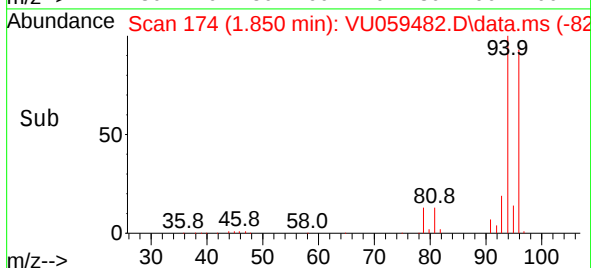
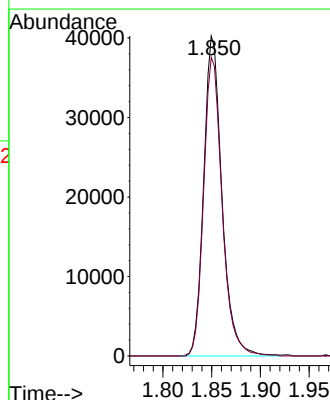
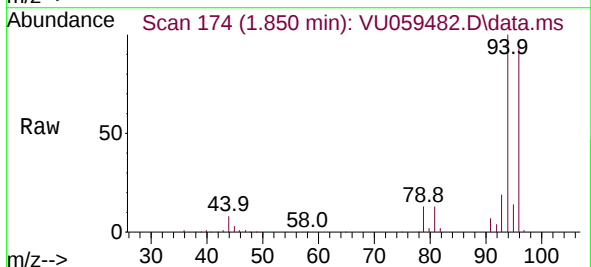
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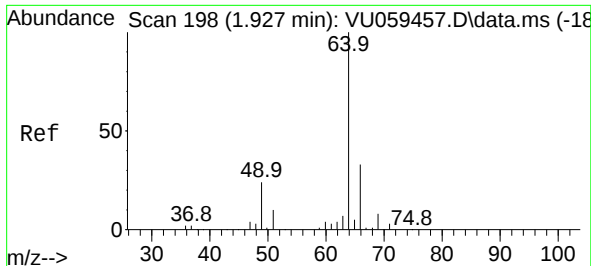
Tgt Ion: 94 Resp: 52586

Ion Ratio Lower Upper

94 100

96 93.3 62.9 116.9

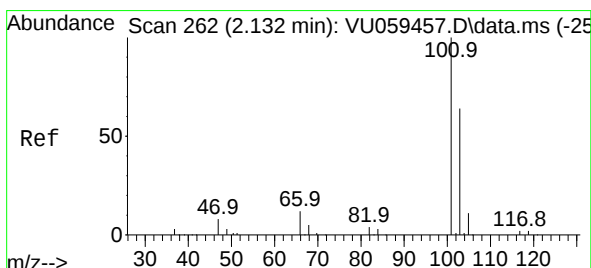
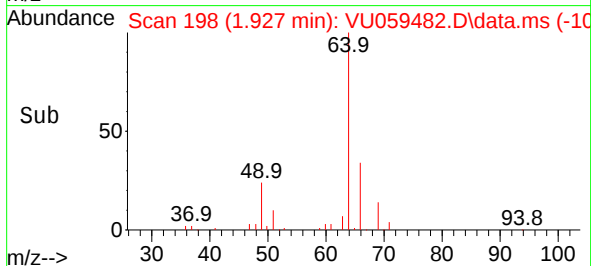
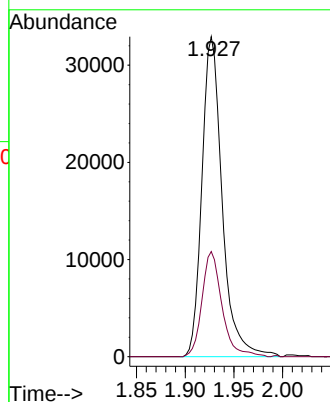
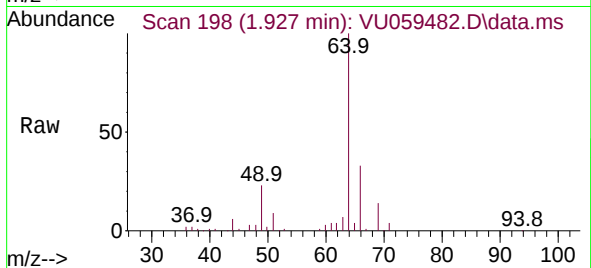




#8
Chloroethane
Concen: 5.187 ug/L
RT: 1.927 min Scan# 198
Delta R.T. 0.000 min
Lab File: VU059482.D
Acq: 25 Jun 2024 19:28

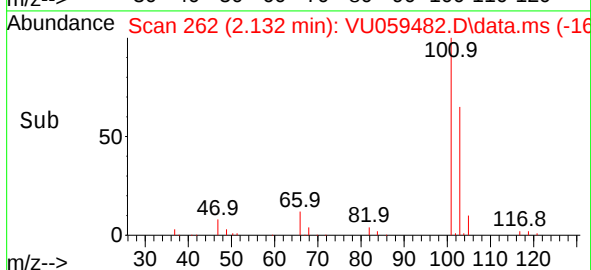
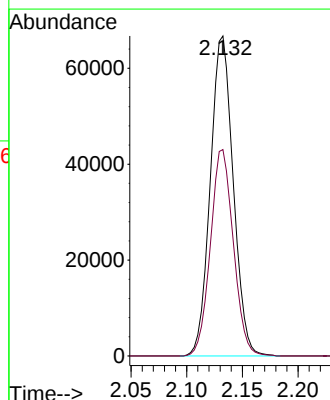
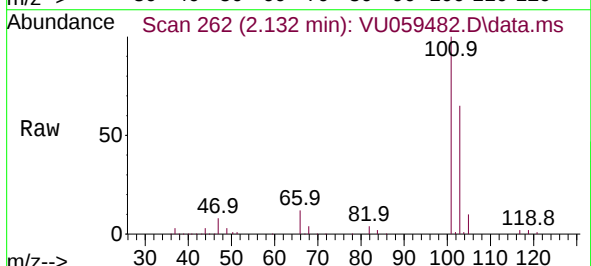
Instrument :
MSVOA_U
ClientSampleId :

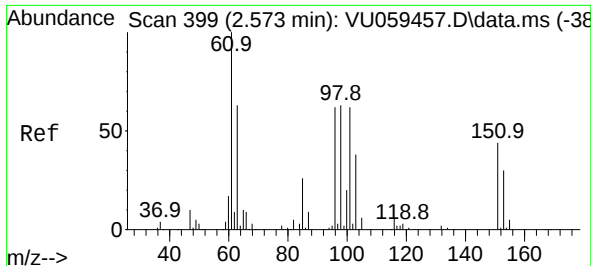
Tgt Ion: 64 Resp: 47633
Ion Ratio Lower Upper
64 100
66 32.8 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.212 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU059482.D
Acq: 25 Jun 2024 19:28

Tgt Ion:101 Resp: 95634
Ion Ratio Lower Upper
101 100
103 64.6 52.6 79.0

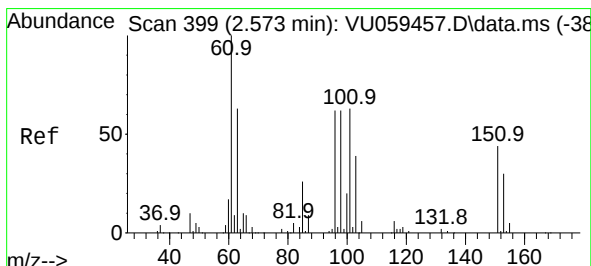
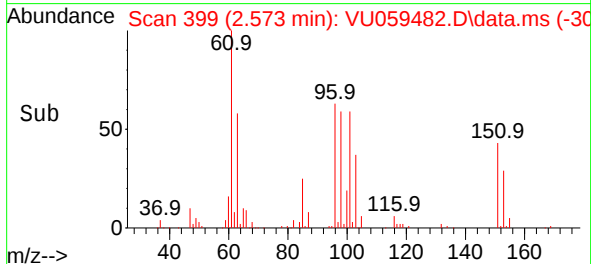
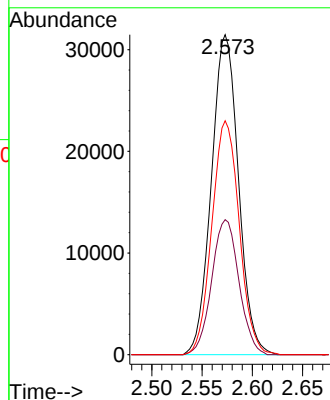
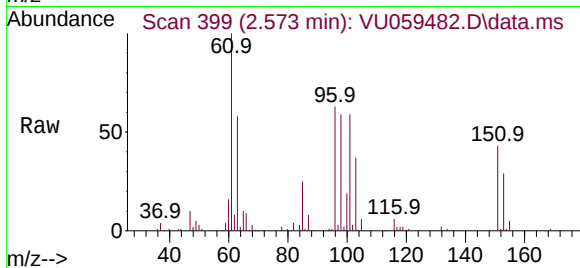




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.077 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU059482.D
 Acq: 25 Jun 2024 19:28

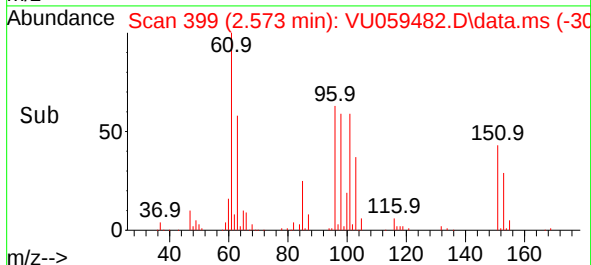
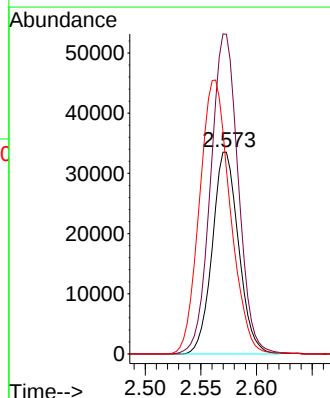
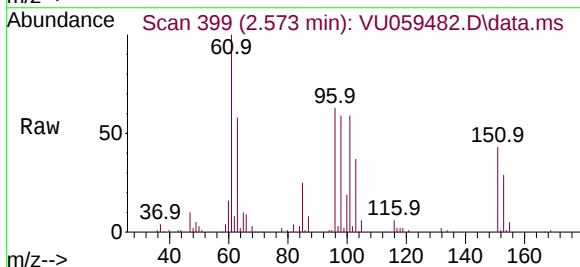
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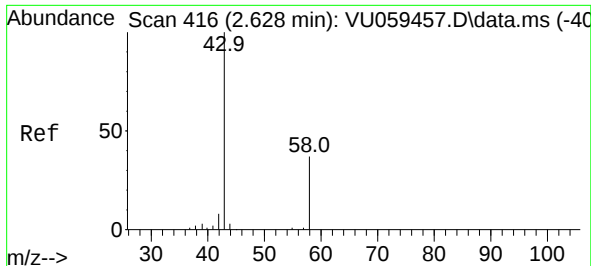
Tgt Ion:	101	Resp:	58963
Ion	Ratio	Lower	Upper
101	100		
85	42.5	36.2	54.4
151	73.8	55.5	83.3



#12
 1,1-Dichloroethene
 Concen: 5.122 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU059482.D
 Acq: 25 Jun 2024 19:28

Tgt Ion:	96	Resp:	54960
Ion	Ratio	Lower	Upper
96	100		
61	158.4	122.9	228.3
63	91.2	80.4	149.4





#13

Acetone

Concen: 57.519 ug/L

RT: 2.628 min Scan# 416

Delta R.T. 0.000 min

Lab File: VU059482.D

Acq: 25 Jun 2024 19:28

Instrument :

MSVOA_U

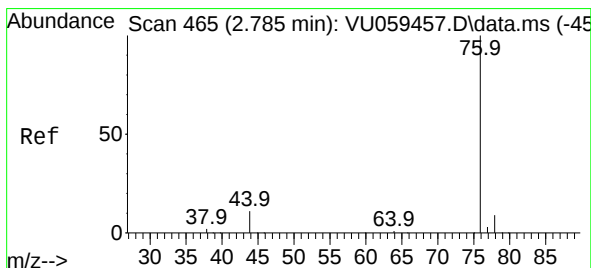
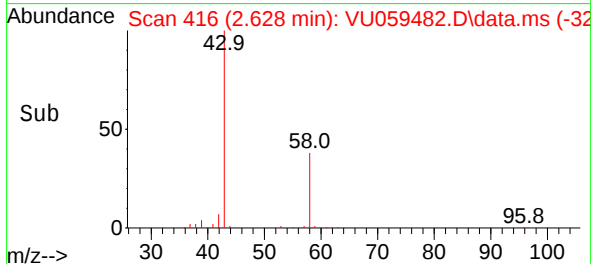
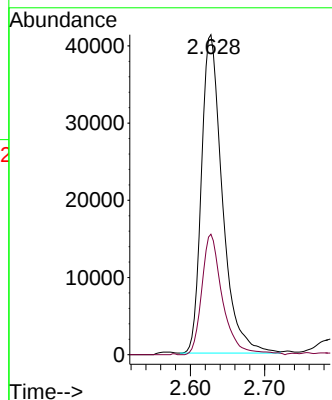
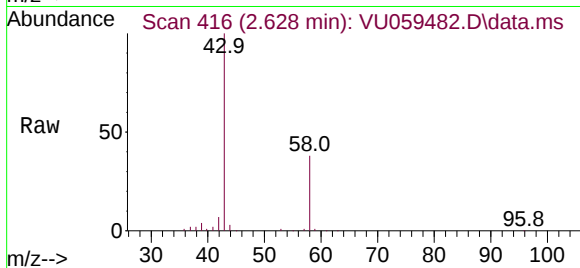
ClientSampleId :

Tgt Ion: 43 Resp: 80853

Ion Ratio Lower Upper

43 100

58 37.4 0.0 68.0



#14

Carbon disulfide

Concen: 4.988 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU059482.D

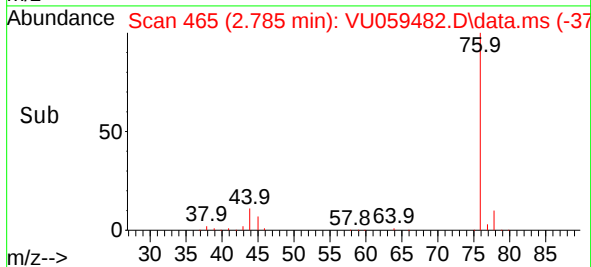
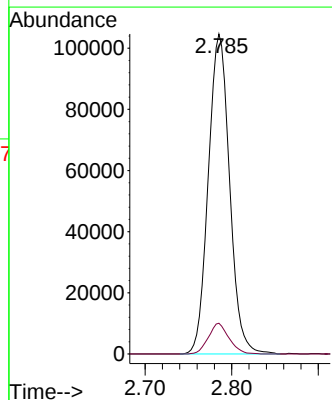
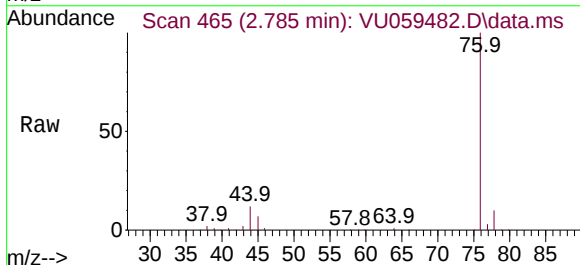
Acq: 25 Jun 2024 19:28

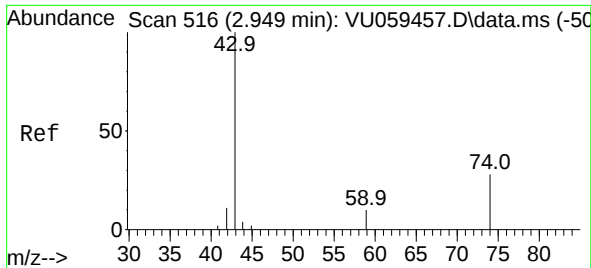
Tgt Ion: 76 Resp: 178575

Ion Ratio Lower Upper

76 100

78 9.6 7.3 10.9





#15

Methyl Acetate

Concen: 5.804 ug/L

RT: 2.946 min Scan# 516

Delta R.T. -0.003 min

Lab File: VU059482.D

Acq: 25 Jun 2024 19:28

Instrument :

MSVOA_U

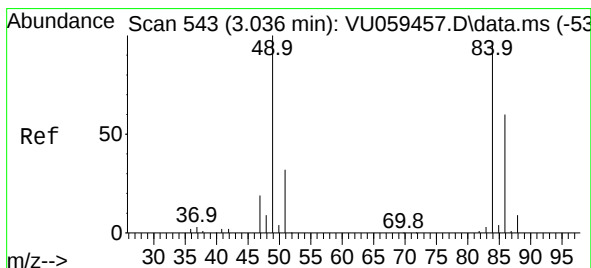
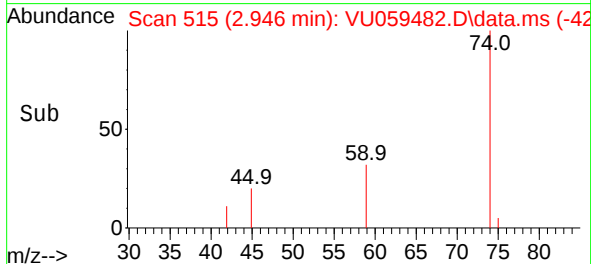
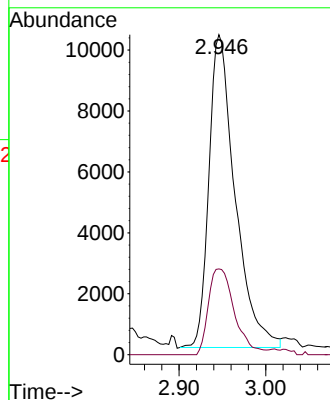
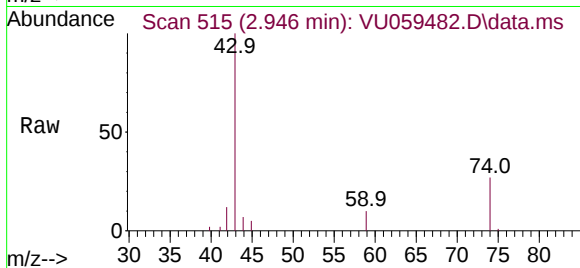
ClientSampleId :

Tgt Ion: 43 Resp: 21531

Ion Ratio Lower Upper

43 100

74 27.4 19.2 28.8



#16

Methylene chloride

Concen: 5.265 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.000 min

Lab File: VU059482.D

Acq: 25 Jun 2024 19:28

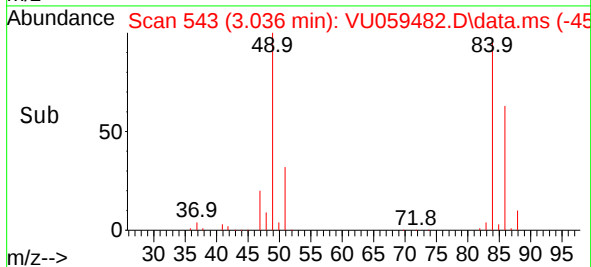
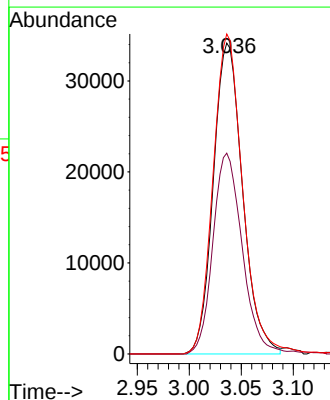
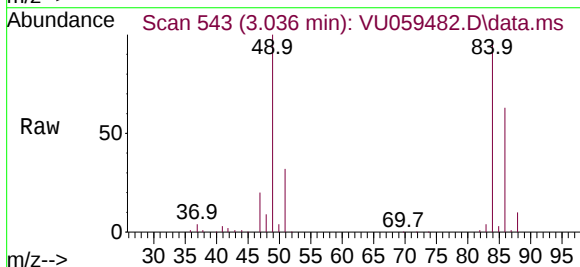
Tgt Ion: 84 Resp: 66948

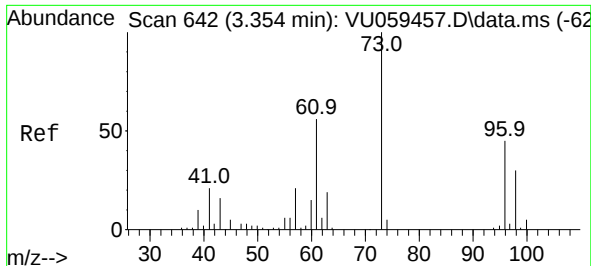
Ion Ratio Lower Upper

84 100

86 64.6 42.1 78.1

49 102.9 80.6 149.8

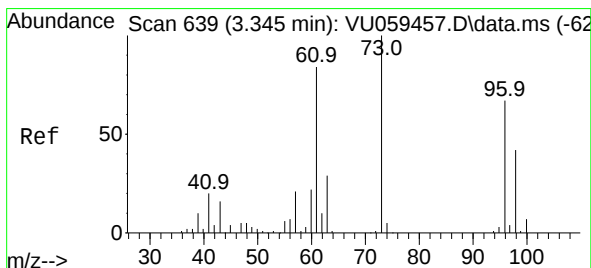
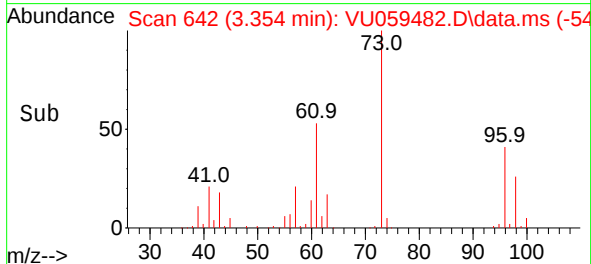
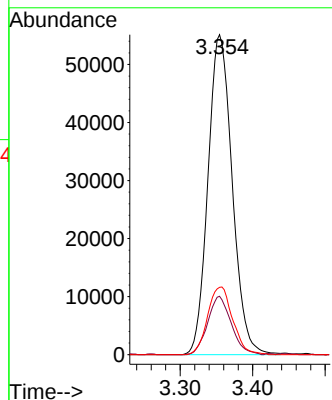
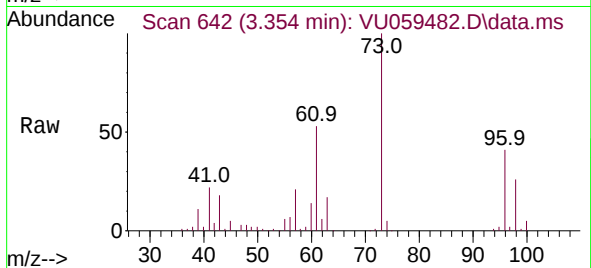




#17
Methyl tert-butyl Ether
Concen: 5.546 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU059482.D
Acq: 25 Jun 2024 19:28

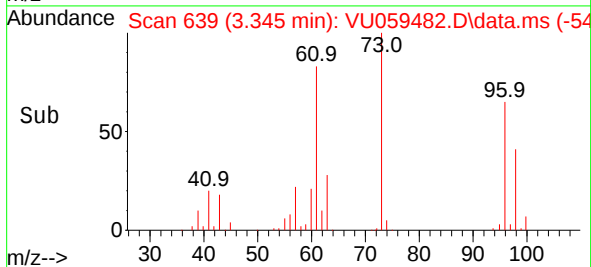
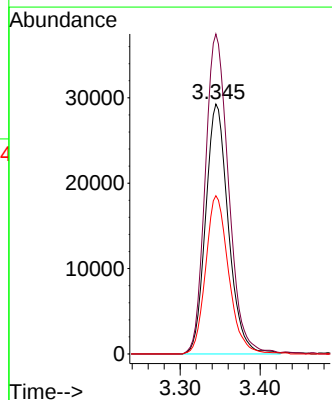
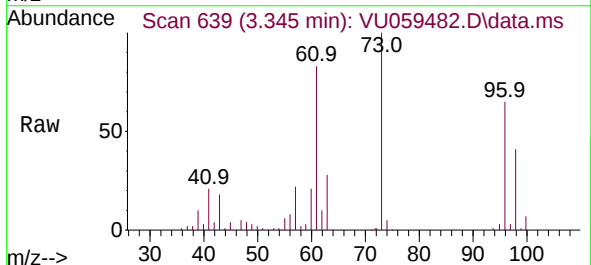
Instrument :
MSVOA_U
ClientSampleId :

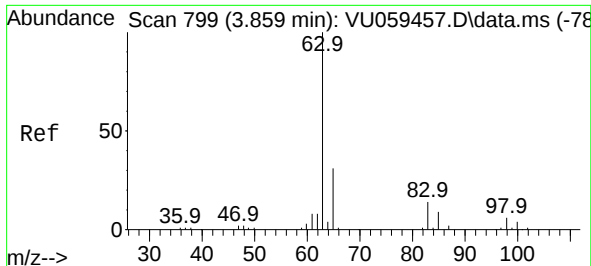
Tgt Ion: 73 Resp: 128242
Ion Ratio Lower Upper
73 100
43 17.7 14.9 22.3
57 21.8 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 5.190 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU059482.D
Acq: 25 Jun 2024 19:28

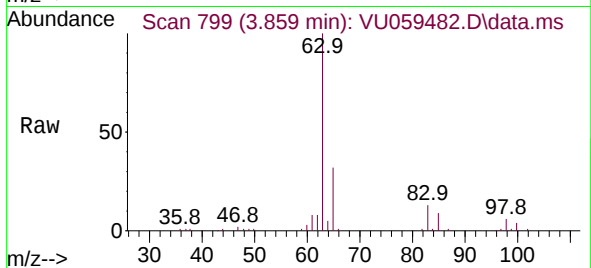
Tgt Ion: 96 Resp: 57921
Ion Ratio Lower Upper
96 100
61 128.0 101.8 189.0
98 63.4 43.3 80.5



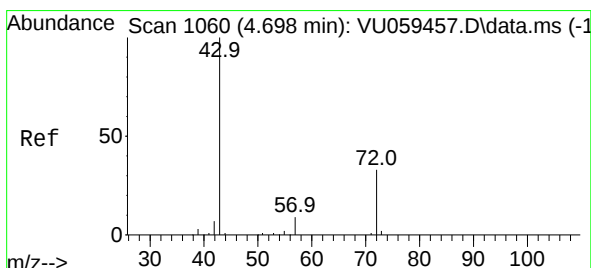
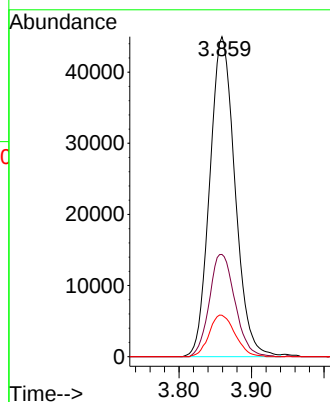
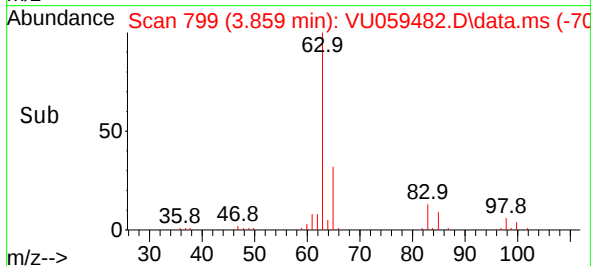


#19
1,1-Dichloroethane
Concen: 5.287 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU059482.D
Acq: 25 Jun 2024 19:28

Instrument :
MSVOA_U
ClientSampleId :

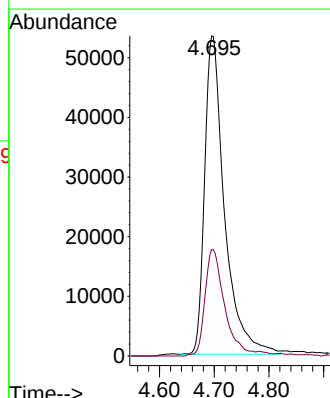
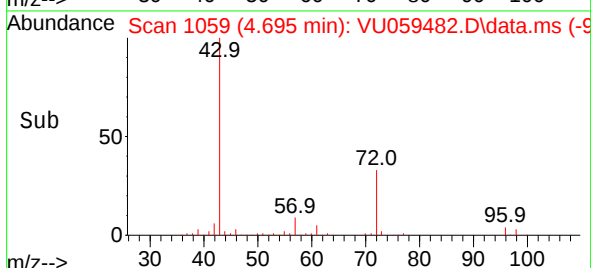
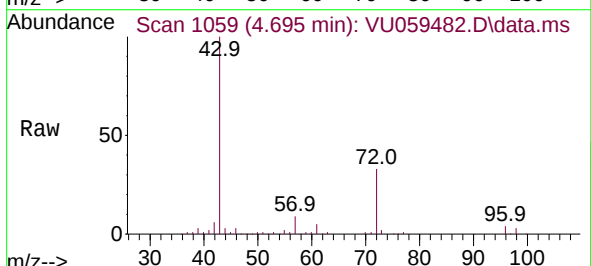


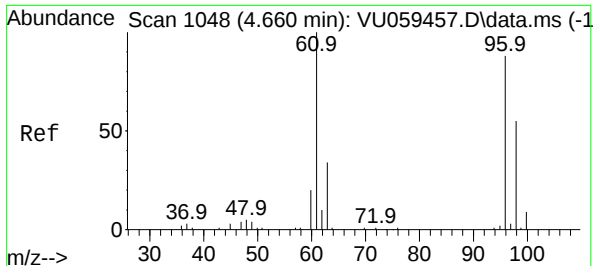
Tgt Ion: 63 Resp: 108804
Ion Ratio Lower Upper
63 100
65 32.0 21.8 40.6
83 13.0 9.9 18.5



#21
2-Butanone
Concen: 59.661 ug/L
RT: 4.695 min Scan# 1059
Delta R.T. -0.003 min
Lab File: VU059482.D
Acq: 25 Jun 2024 19:28

Tgt Ion: 43 Resp: 134515
Ion Ratio Lower Upper
43 100
72 32.8 13.8 41.4

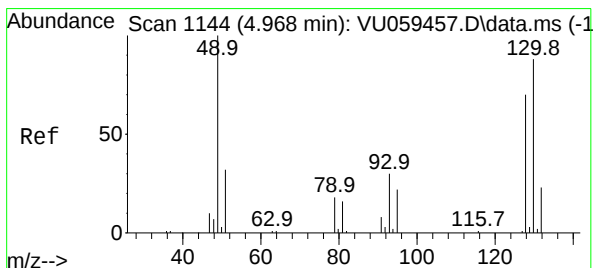
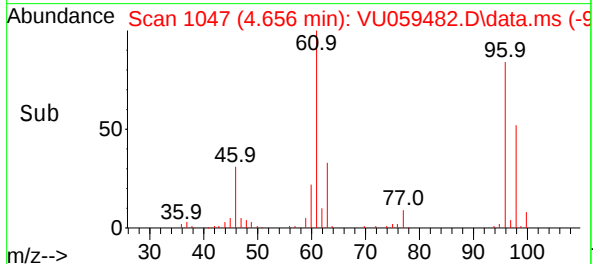
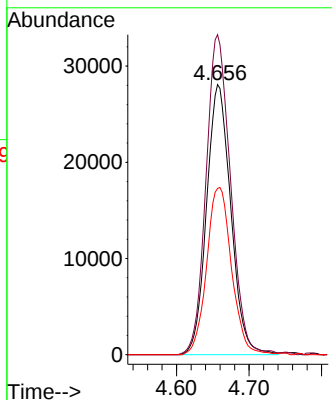
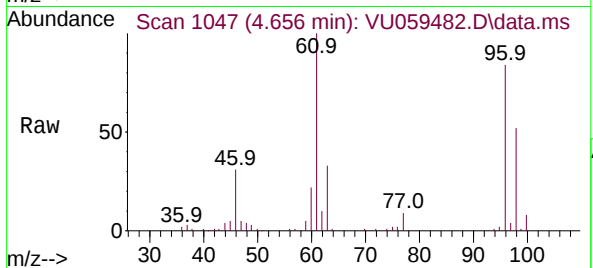




#22
 cis-1,2-Dichloroethene
 Concen: 5.308 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.003 min
 Lab File: VU059482.D
 Acq: 25 Jun 2024 19:28

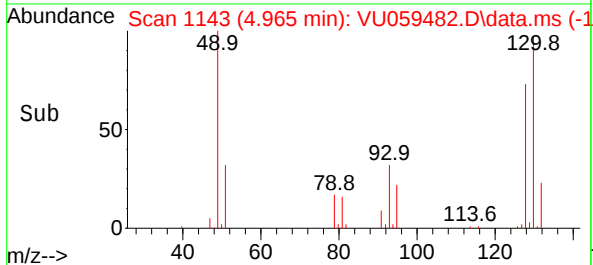
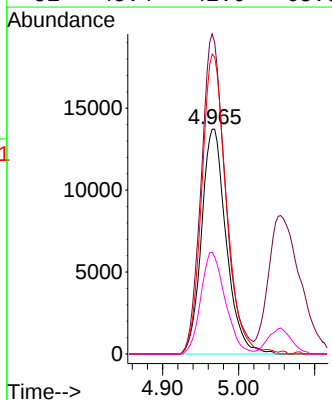
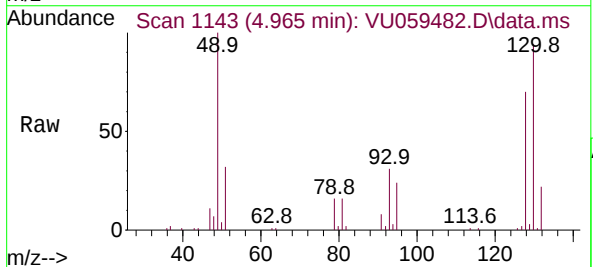
Instrument :
 MSVOA_U
 ClientSampleId :

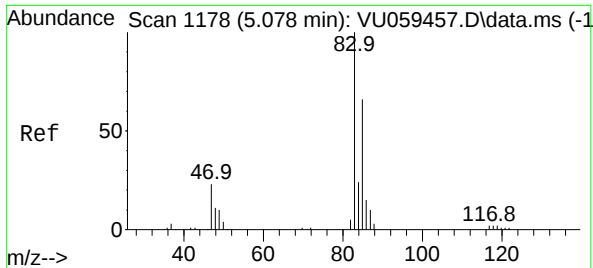
Tgt Ion: 96 Resp: 65285
 Ion Ratio Lower Upper
 96 100
 61 118.5 87.4 162.2
 98 61.6 42.3 78.5



#23
 Bromochloromethane
 Concen: 5.497 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.003 min
 Lab File: VU059482.D
 Acq: 25 Jun 2024 19:28

Tgt Ion: 128 Resp: 30825
 Ion Ratio Lower Upper
 128 100
 49 142.3 117.0 217.4
 130 133.3 89.6 166.4
 51 45.4 42.0 63.0

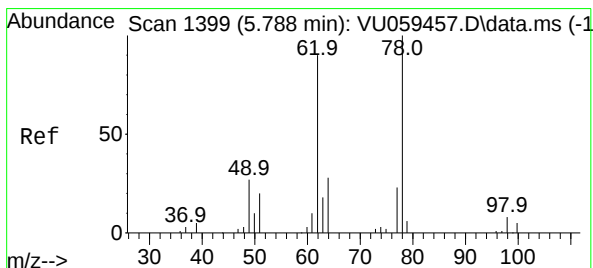
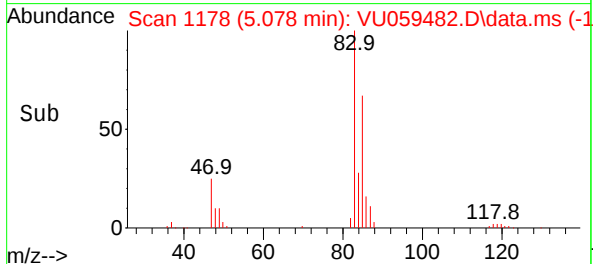
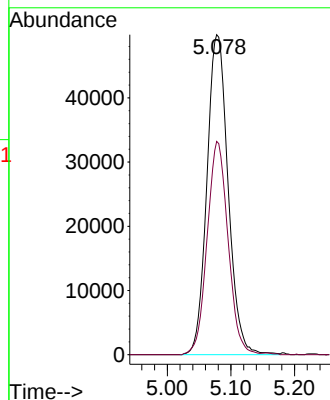
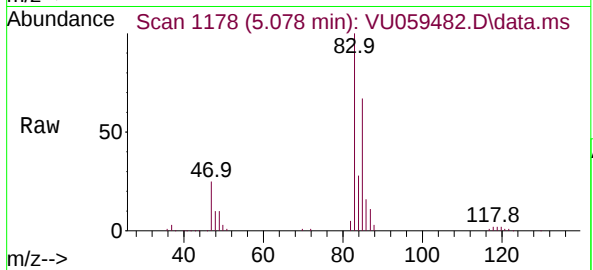




#25
Chloroform
Concen: 5.326 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU059482.D
Acq: 25 Jun 2024 19:28

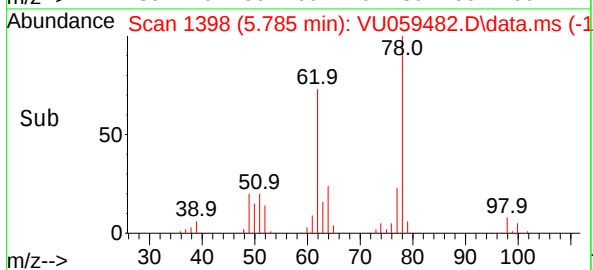
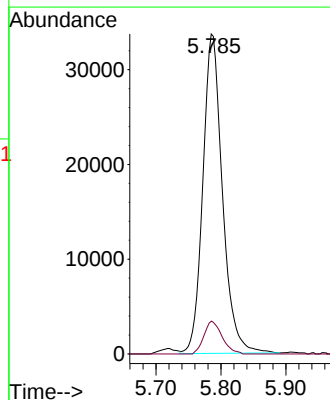
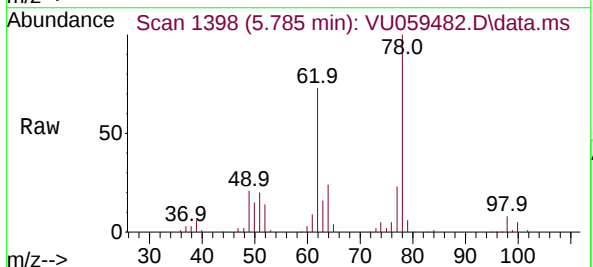
Instrument :
MSVOA_U
ClientSampleId :

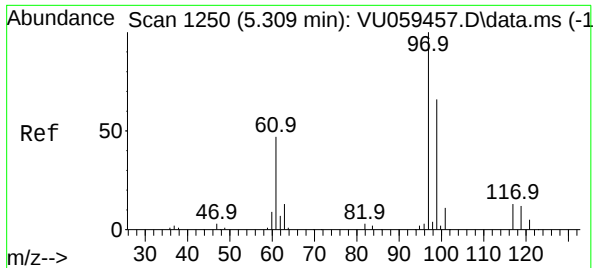
Tgt Ion: 83 Resp: 115435
Ion Ratio Lower Upper
83 100
85 66.7 44.7 83.1



#27
1,2-Dichloroethane
Concen: 5.400 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.003 min
Lab File: VU059482.D
Acq: 25 Jun 2024 19:28

Tgt Ion: 62 Resp: 70923
Ion Ratio Lower Upper
62 100
98 10.3 7.5 11.3

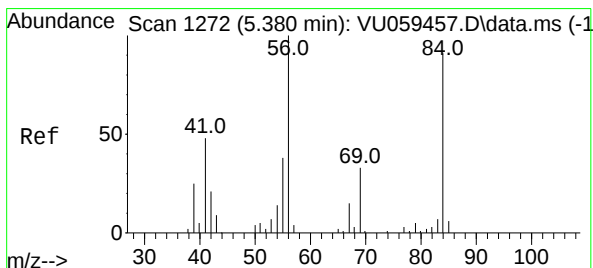
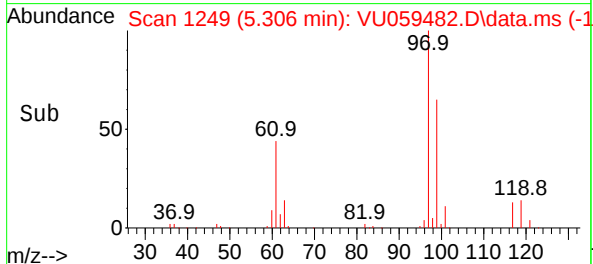
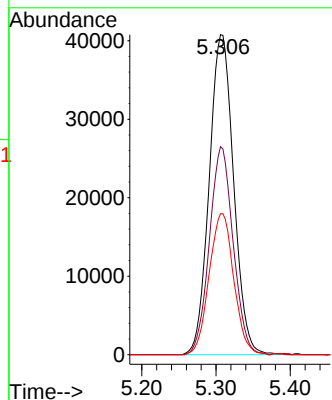
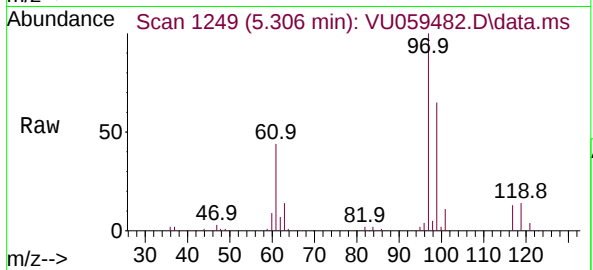




#29
1,1,1-Trichloroethane
Concen: 5.151 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.003 min
Lab File: VU059482.D
Acq: 25 Jun 2024 19:28

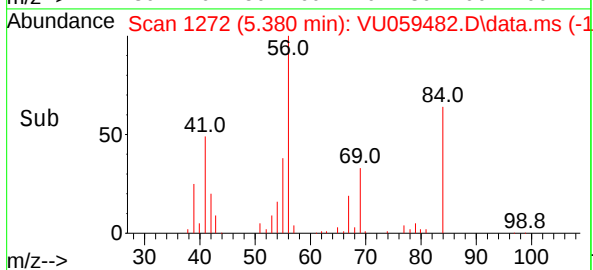
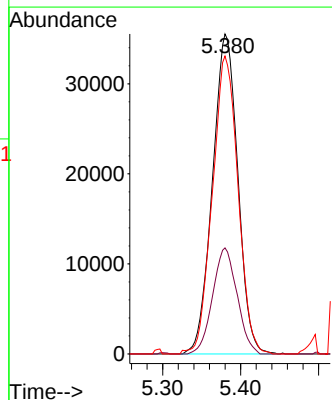
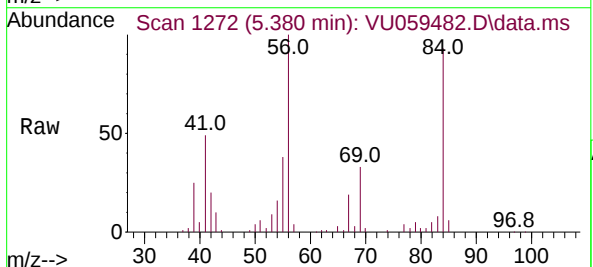
Instrument :
MSVOA_U
ClientSampleId :

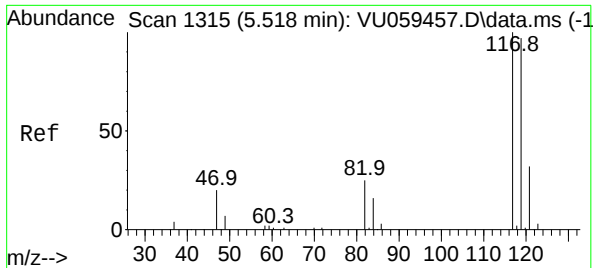
Tgt Ion: 97 Resp: 93126
Ion Ratio Lower Upper
97 100
99 63.3 51.8 77.6
61 44.5 37.4 56.2



#30
Cyclohexane
Concen: 5.029 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU059482.D
Acq: 25 Jun 2024 19:28

Tgt Ion: 56 Resp: 80279
Ion Ratio Lower Upper
56 100
69 32.0 24.8 37.2
84 94.1 69.8 104.8

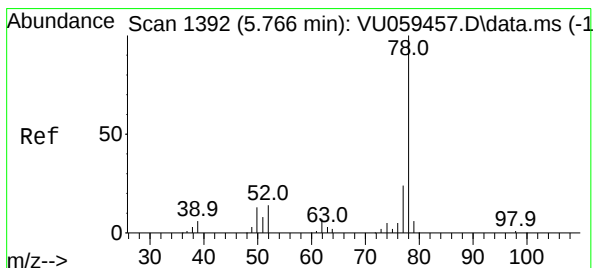
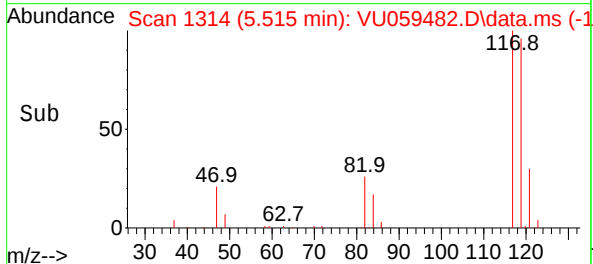
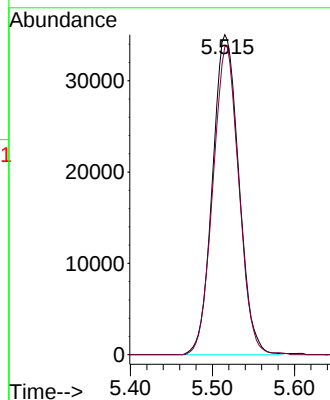
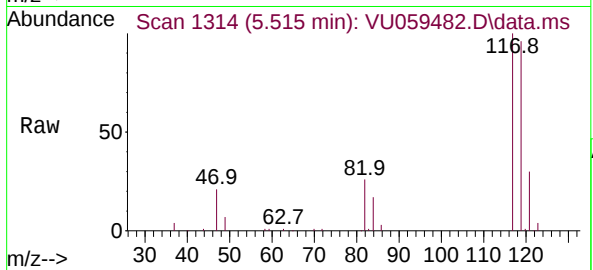




#31
Carbon tetrachloride
Concen: 5.173 ug/L
RT: 5.515 min Scan# 1315
Delta R.T. -0.003 min
Lab File: VU059482.D
Acq: 25 Jun 2024 19:28

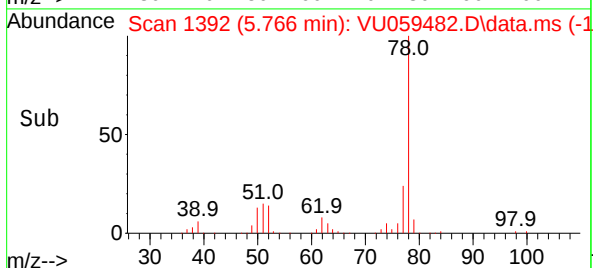
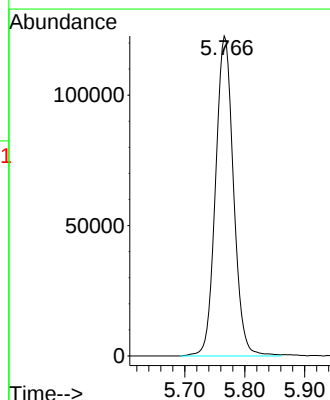
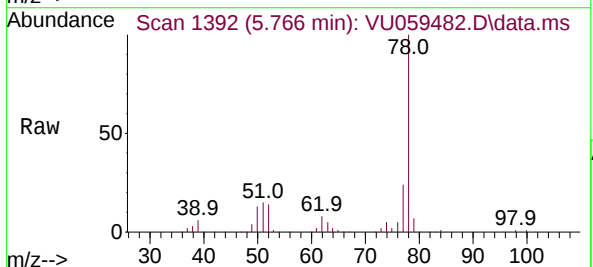
Instrument :
MSVOA_U
ClientSampleId :

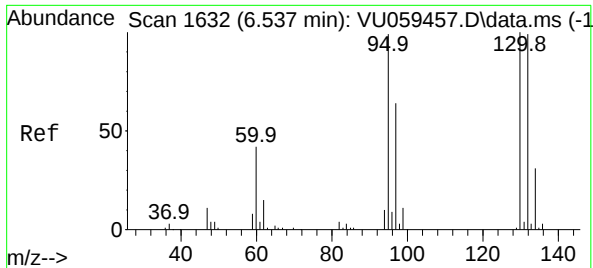
Tgt Ion:117 Resp: 78309
Ion Ratio Lower Upper
117 100
119 95.1 77.5 116.3



#33
Benzene
Concen: 5.358 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU059482.D
Acq: 25 Jun 2024 19:28

Tgt Ion: 78 Resp: 254734

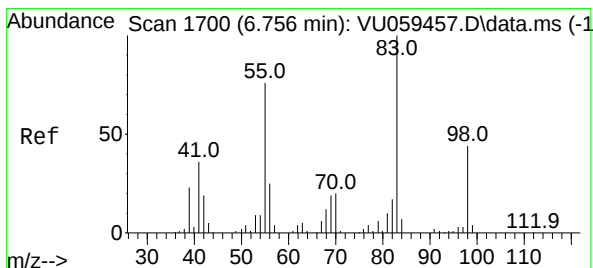
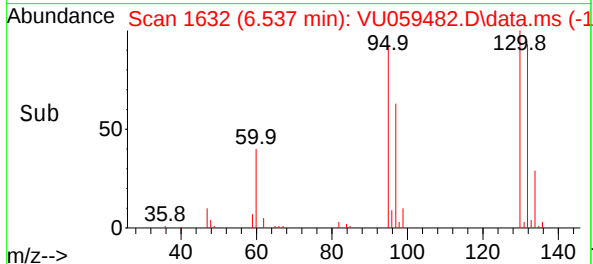
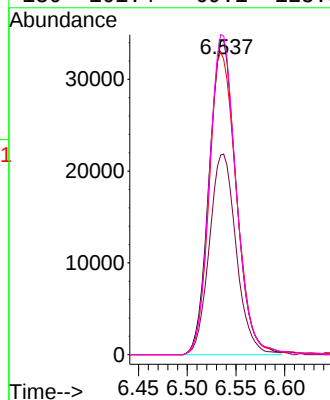
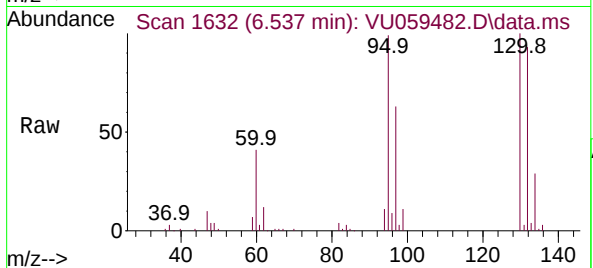




#34
Trichloroethene
Concen: 5.133 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU059482.D
Acq: 25 Jun 2024 19:28

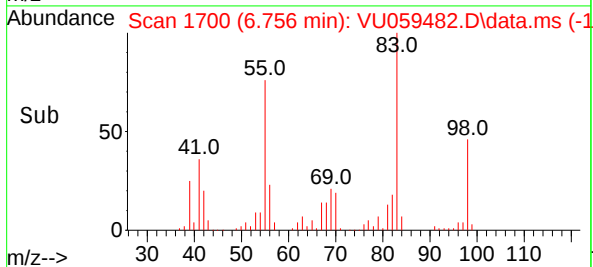
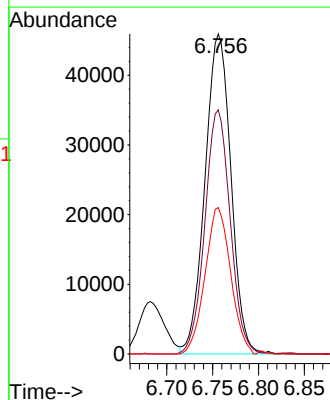
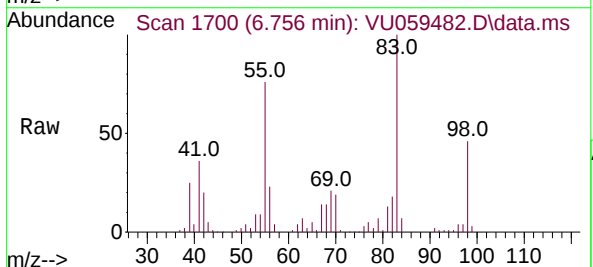
Instrument :
MSVOA_U
ClientSampleId :

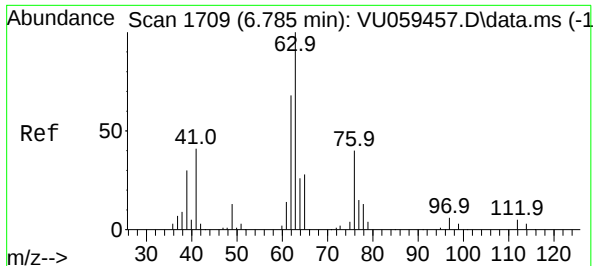
Tgt Ion: 95 Resp: 66091
Ion Ratio Lower Upper
95 100
97 63.8 45.3 84.1
132 93.8 64.0 119.0
130 101.4 69.1 128.3



#35
Methylcyclohexane
Concen: 4.942 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU059482.D
Acq: 25 Jun 2024 19:28

Tgt Ion: 83 Resp: 90540
Ion Ratio Lower Upper
83 100
55 74.4 62.7 94.1
98 45.0 35.4 53.0





#37

1,2-Dichloropropane

Concen: 5.337 ug/L

RT: 6.782 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU059482.D

Acq: 25 Jun 2024 19:28

Instrument :

MSVOA_U

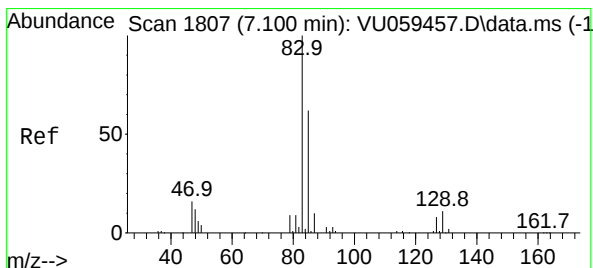
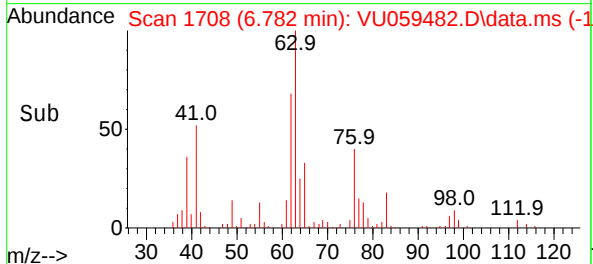
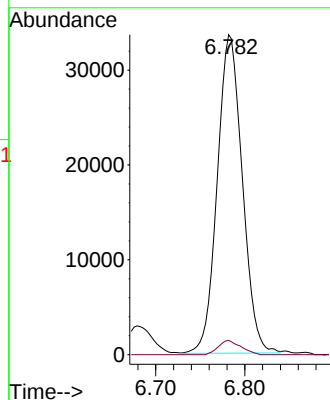
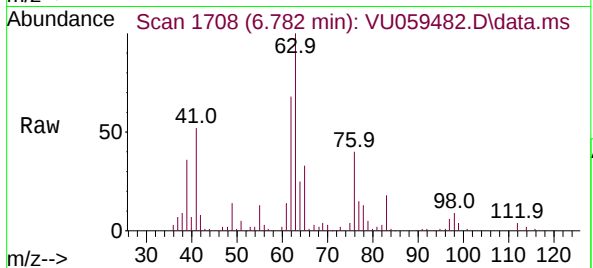
ClientSampleId :

Tgt Ion: 63 Resp: 65671

Ion Ratio Lower Upper

63 100

112 4.0 2.6 3.8#



#38

Bromodichloromethane

Concen: 5.254 ug/L

RT: 7.097 min Scan# 1806

Delta R.T. -0.003 min

Lab File: VU059482.D

Acq: 25 Jun 2024 19:28

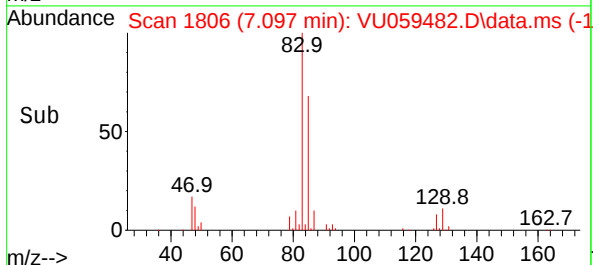
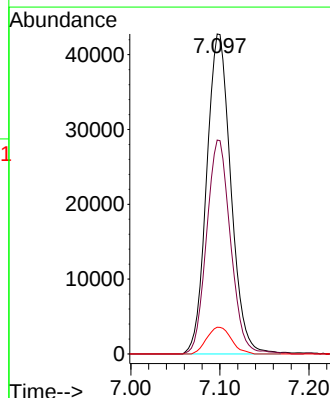
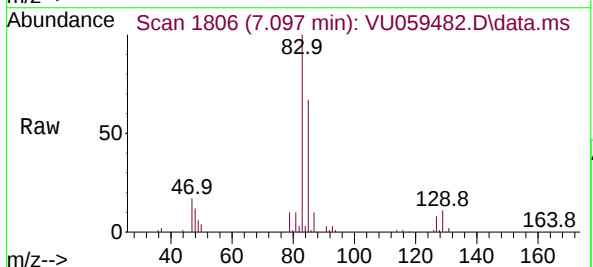
Tgt Ion: 83 Resp: 80687

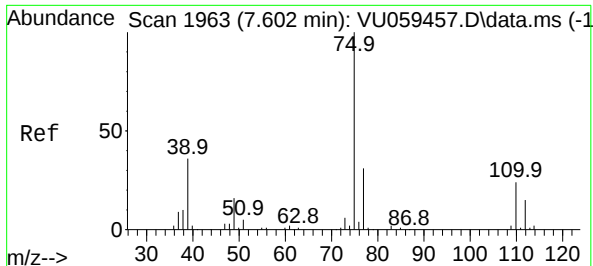
Ion Ratio Lower Upper

83 100

85 66.9 42.7 79.3

127 8.3 6.1 9.1

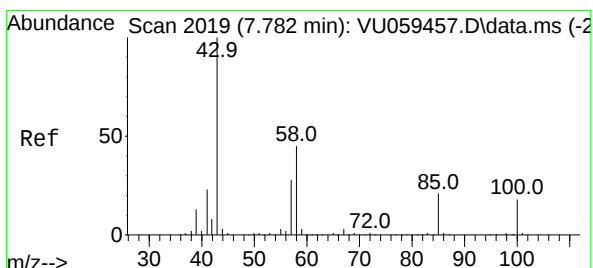
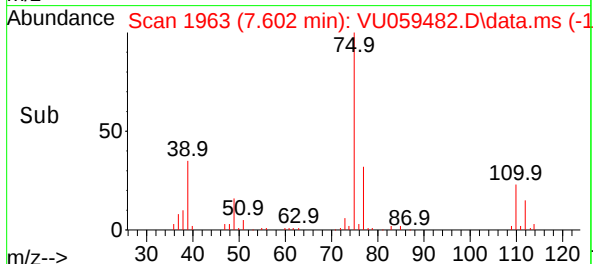
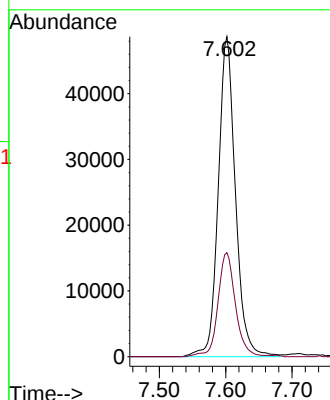
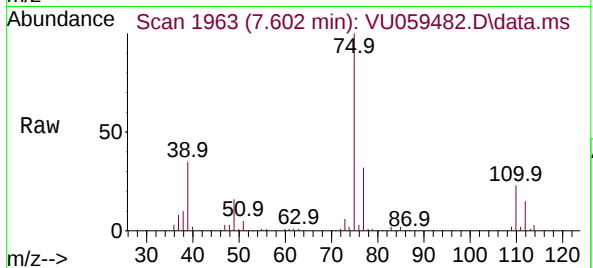




#39
 cis-1,3-Dichloropropene
 Concen: 5.214 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU059482.D
 Acq: 25 Jun 2024 19:28

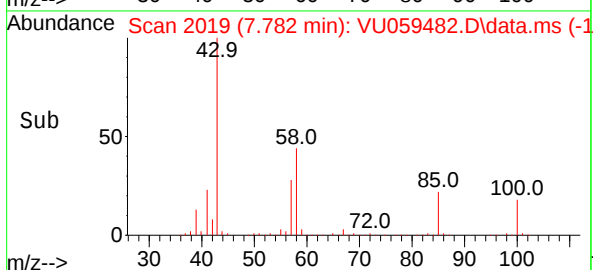
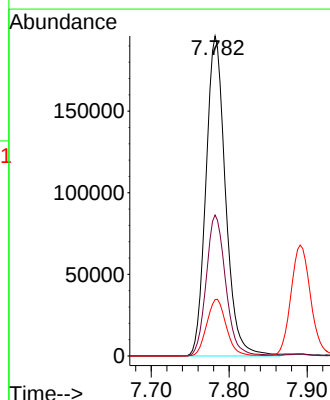
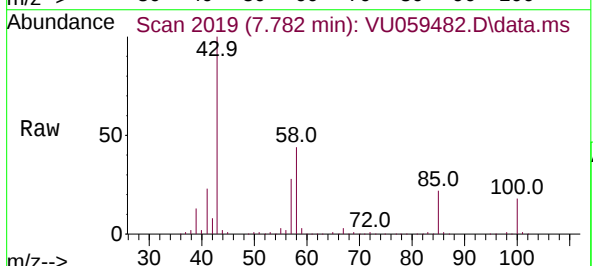
Instrument :
 MSVOA_U
 ClientSampleId :

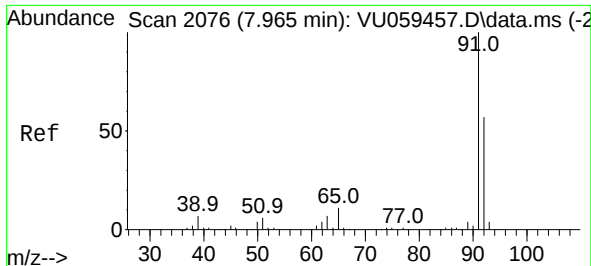
Tgt Ion: 75 Resp: 87735
 Ion Ratio Lower Upper
 75 100
 77 32.5 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 59.951 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VU059482.D
 Acq: 25 Jun 2024 19:28

Tgt Ion: 43 Resp: 341804
 Ion Ratio Lower Upper
 43 100
 58 44.0 34.0 51.0
 100 17.7 12.1 18.1





#42

Toluene

Concen: 5.472 ug/L

RT: 7.962 min Scan# 2076

Delta R.T. -0.003 min

Lab File: VU059482.D

Acq: 25 Jun 2024 19:28

Instrument :

MSVOA_U

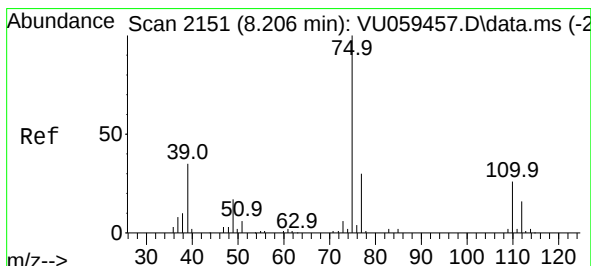
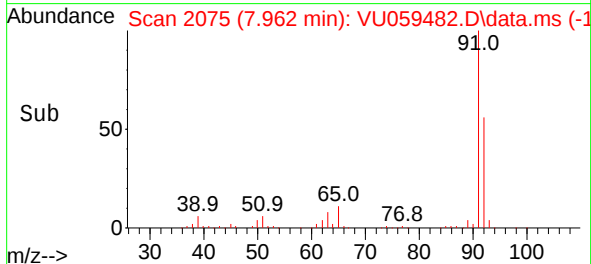
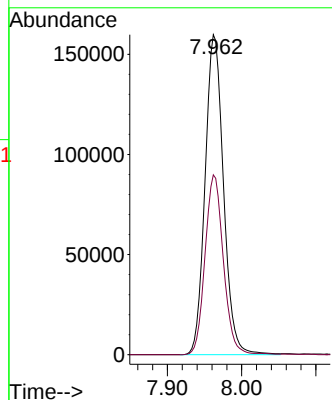
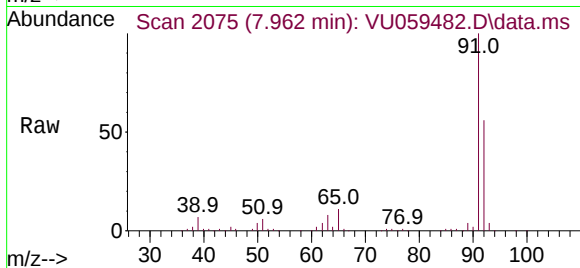
ClientSampleId :

Tgt Ion: 91 Resp: 275430

Ion Ratio Lower Upper

91 100

92 56.2 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 5.555 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU059482.D

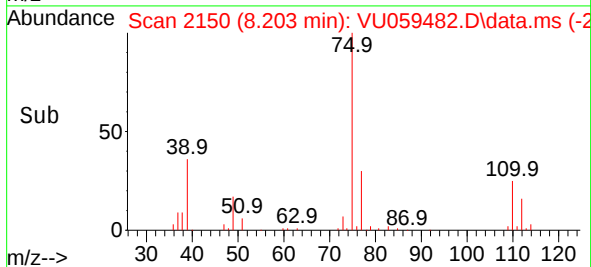
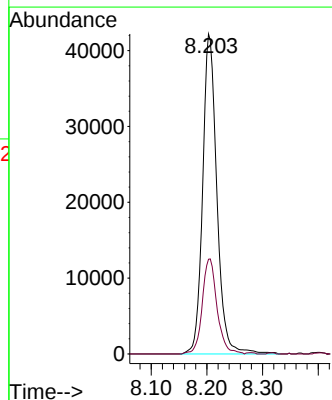
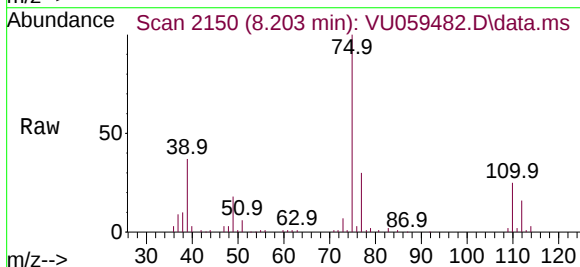
Acq: 25 Jun 2024 19:28

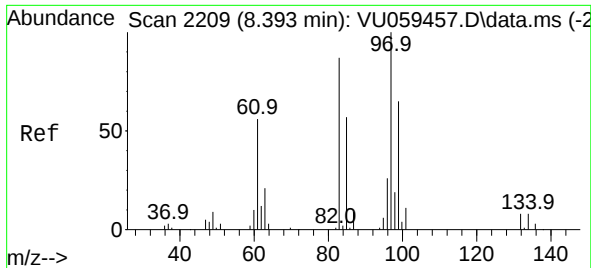
Tgt Ion: 75 Resp: 75025

Ion Ratio Lower Upper

75 100

77 29.6 22.0 41.0



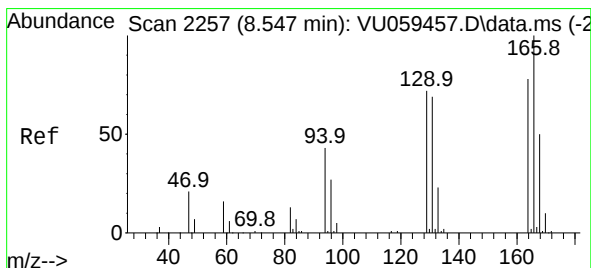
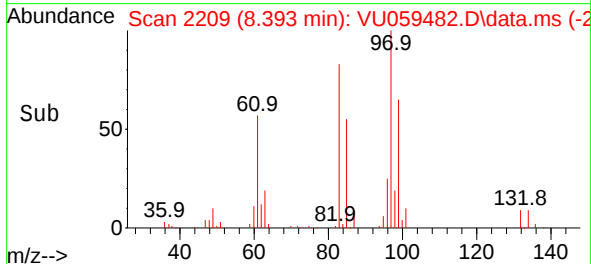
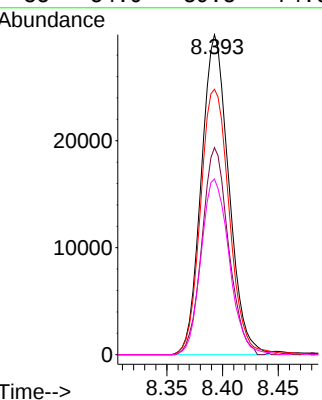
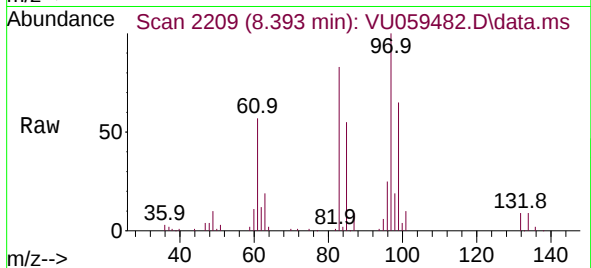


#45
1,1,2-Trichloroethane
Concen: 5.666 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU059482.D
Acq: 25 Jun 2024 19:28

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 51375

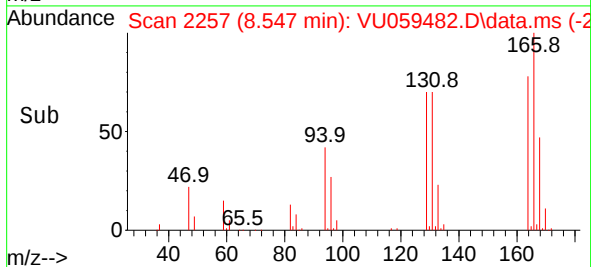
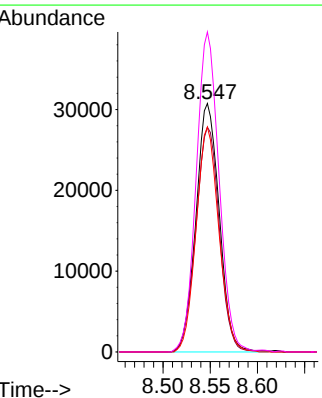
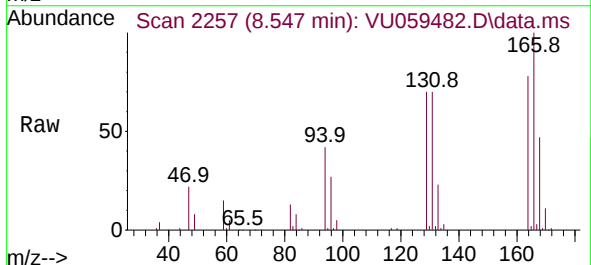
Ion	Ratio	Lower	Upper
97	100		
99	64.7	43.3	80.3
83	83.0	62.3	115.7
85	54.9	39.8	74.0

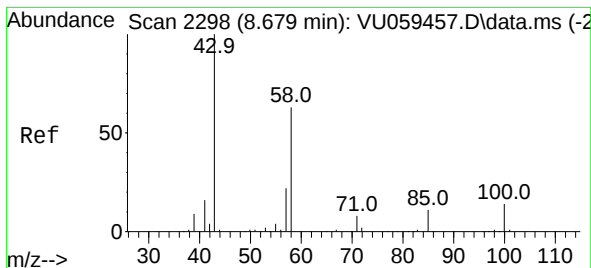


#47
Tetrachloroethene
Concen: 5.281 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU059482.D
Acq: 25 Jun 2024 19:28

Tgt Ion: 164 Resp: 52766

Ion	Ratio	Lower	Upper
164	100		
129	90.5	70.8	131.4
131	90.5	64.8	120.3
166	128.7	91.1	169.1





#48

2-Hexanone

Concen: 62.051 ug/L

RT: 8.676 min Scan# 21

Delta R.T. -0.003 min

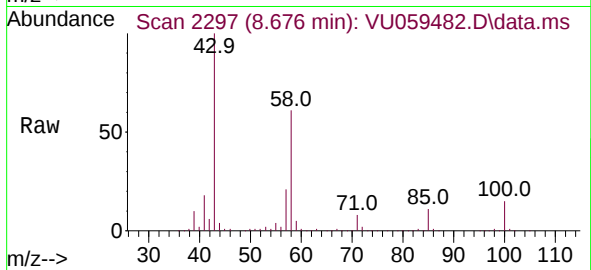
Lab File: VU059482.D

Acq: 25 Jun 2024 19:28

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 252483

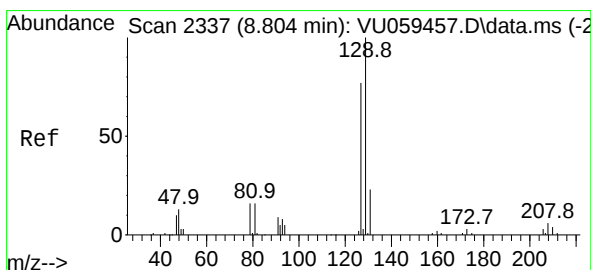
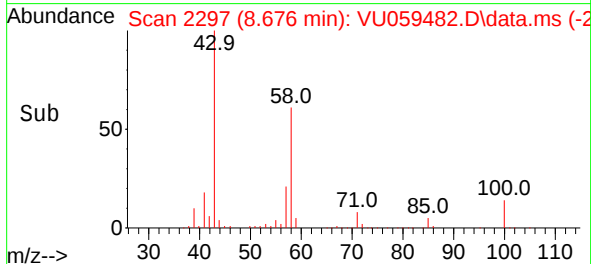
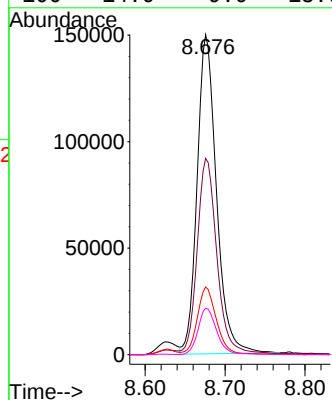
Ion Ratio Lower Upper

43 100

58 62.2 46.1 69.1

57 20.7 15.5 23.3

100 14.0 9.0 13.6#



#49

Dibromochloromethane

Concen: 5.483 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. -0.003 min

Lab File: VU059482.D

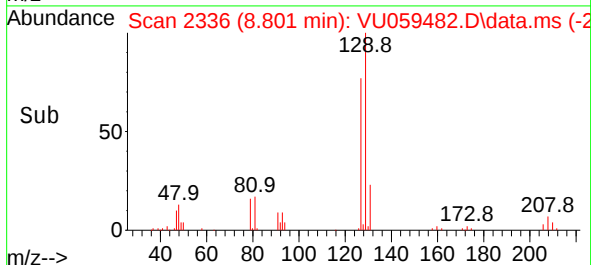
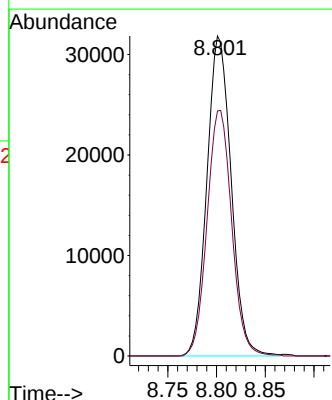
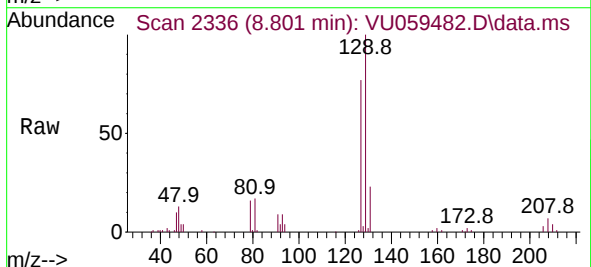
Acq: 25 Jun 2024 19:28

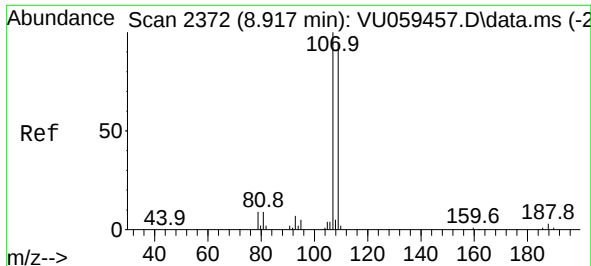
Tgt Ion: 129 Resp: 55074

Ion Ratio Lower Upper

129 100

127 76.6 52.5 97.5

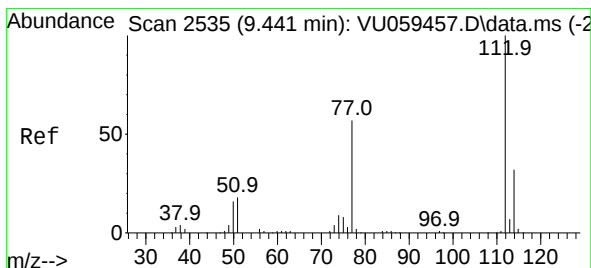
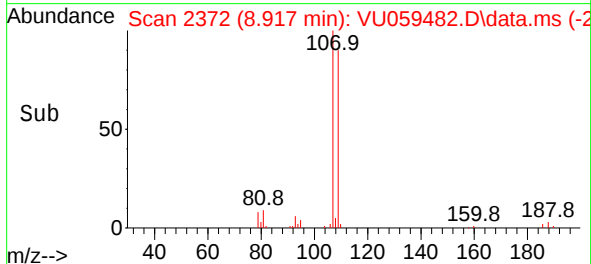
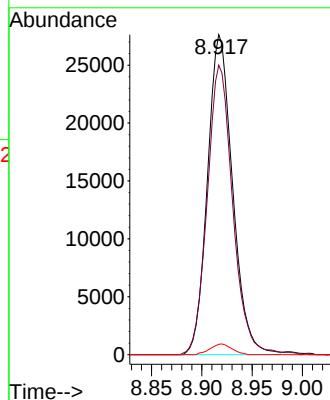
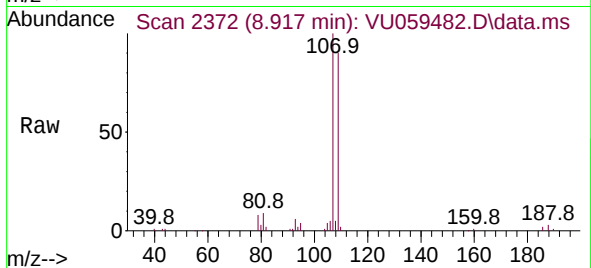




#50
1,2-Dibromoethane
Concen: 5.733 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU059482.D
Acq: 25 Jun 2024 19:28

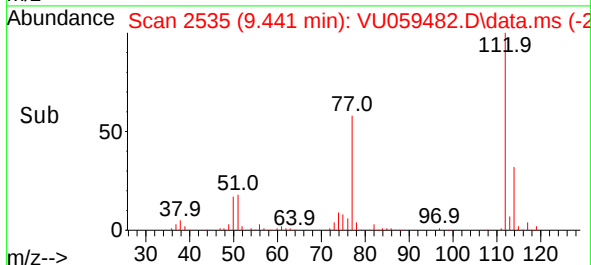
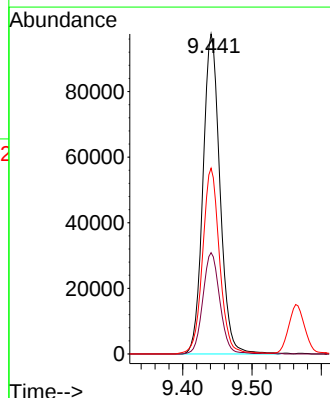
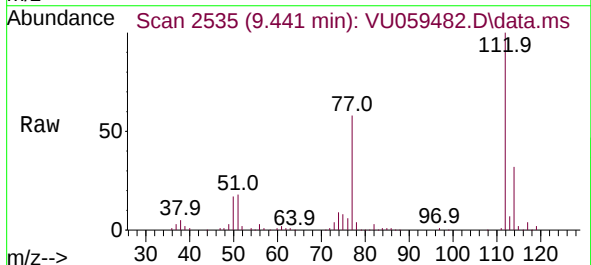
Instrument :
MSVOA_U
ClientSampleId :

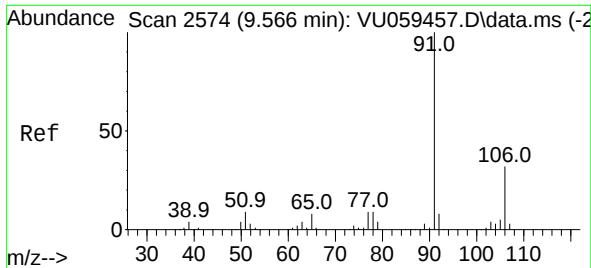
Tgt Ion:107 Resp: 48004
Ion Ratio Lower Upper
107 100
109 90.5 66.9 124.3
188 3.2 2.7 4.1



#51
Chlorobenzene
Concen: 5.205 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU059482.D
Acq: 25 Jun 2024 19:28

Tgt Ion:112 Resp: 166171
Ion Ratio Lower Upper
112 100
114 31.7 22.4 41.6
77 58.1 49.1 73.7

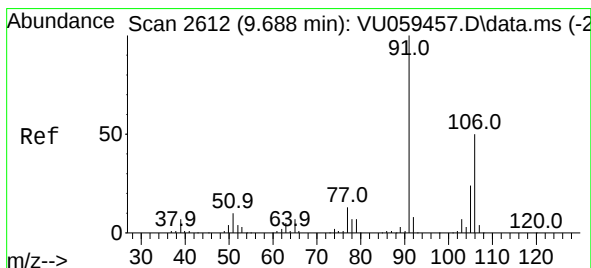
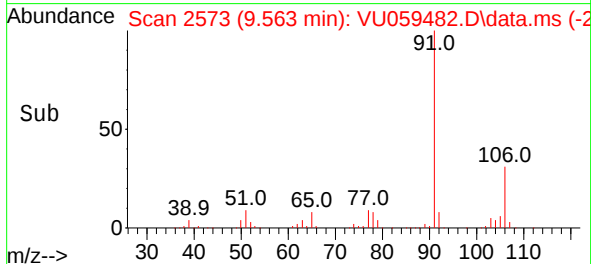
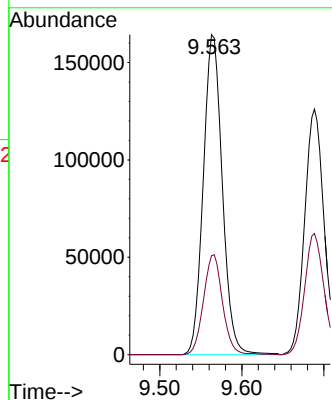
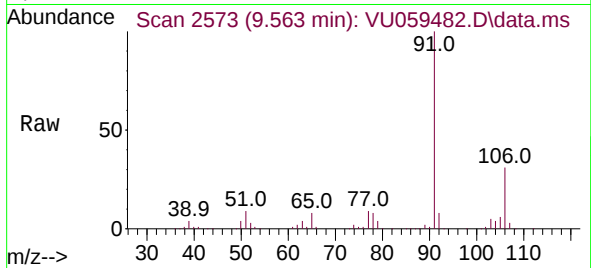




#52
Ethylbenzene
Concen: 5.137 ug/L
RT: 9.563 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU059482.D
Acq: 25 Jun 2024 19:28

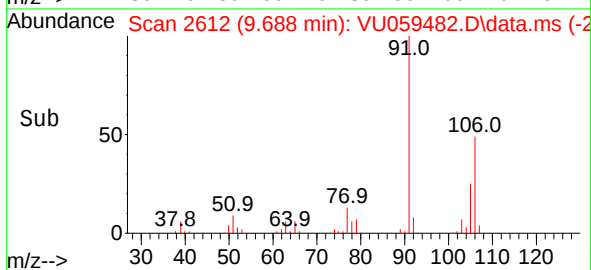
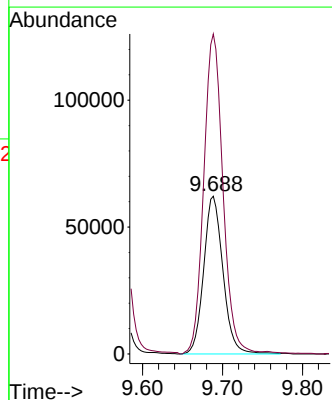
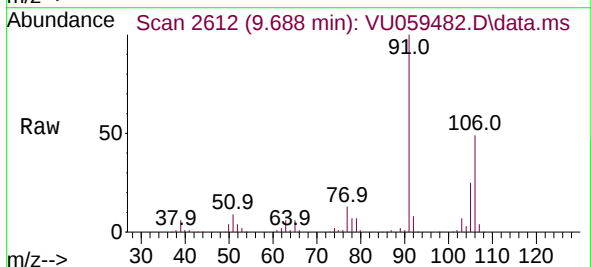
Instrument :
MSVOA_U
ClientSampleId :

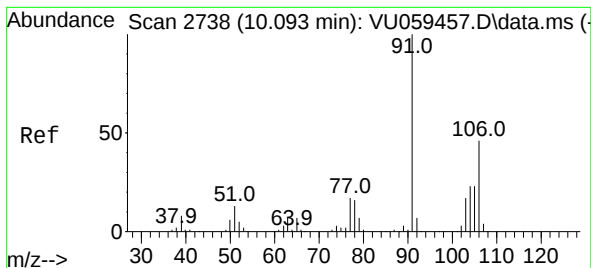
Tgt Ion: 91 Resp: 265253
Ion Ratio Lower Upper
91 100
106 31.0 20.9 38.7



#53
m,p-Xylene
Concen: 5.270 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU059482.D
Acq: 25 Jun 2024 19:28

Tgt Ion:106 Resp: 104509
Ion Ratio Lower Upper
106 100
91 202.8 142.0 263.8





#54

o-Xylene

Concen: 5.265 ug/L

RT: 10.094 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU059482.D

Acq: 25 Jun 2024 19:28

Instrument :

MSVOA_U

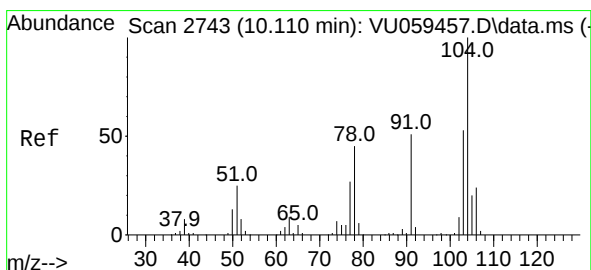
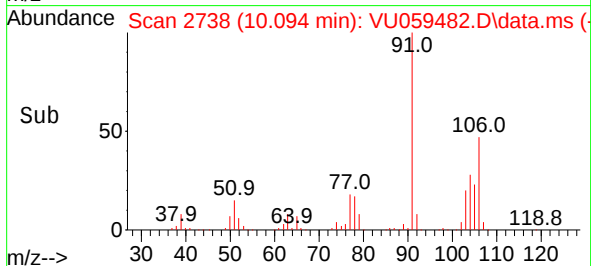
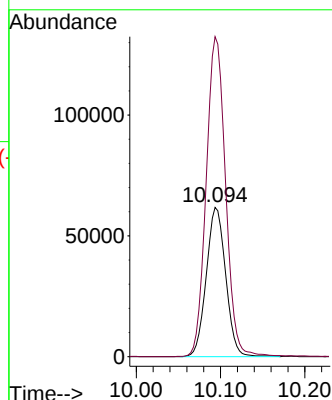
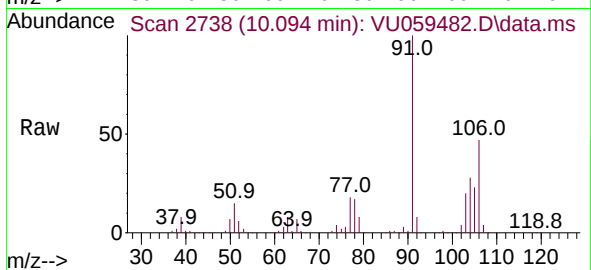
ClientSampleId :

Tgt Ion:106 Resp: 99100

Ion Ratio Lower Upper

106 100

91 214.3 151.6 281.6



#55

Styrene

Concen: 5.482 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. 0.000 min

Lab File: VU059482.D

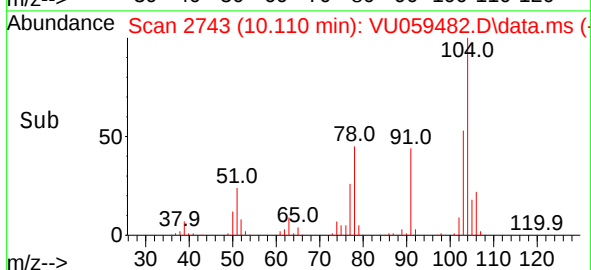
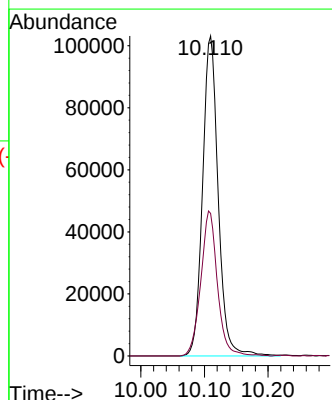
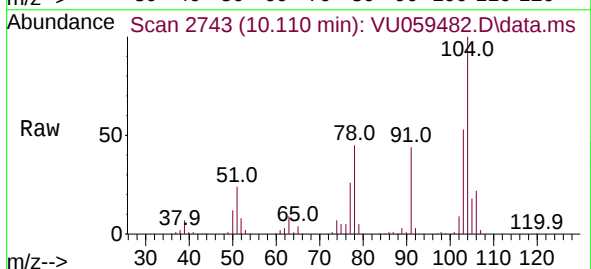
Acq: 25 Jun 2024 19:28

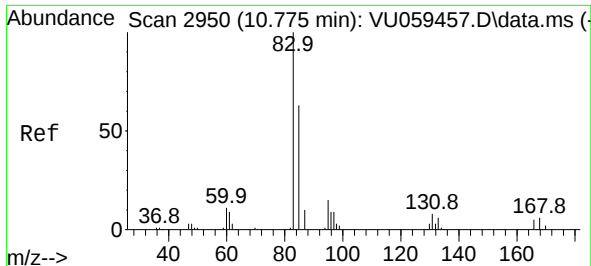
Tgt Ion:104 Resp: 175635

Ion Ratio Lower Upper

104 100

78 44.6 32.3 60.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.633 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU059482.D

Acq: 25 Jun 2024 19:28

Instrument :

MSVOA_U

ClientSampleId :

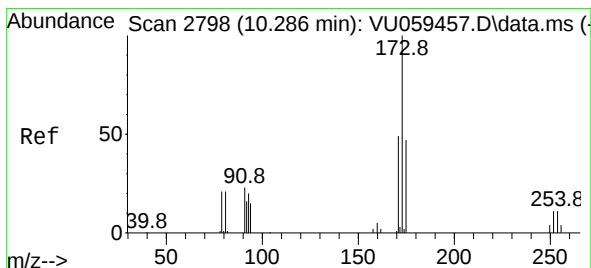
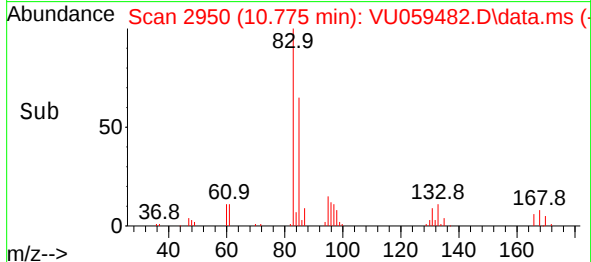
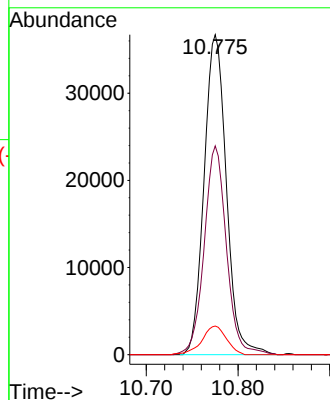
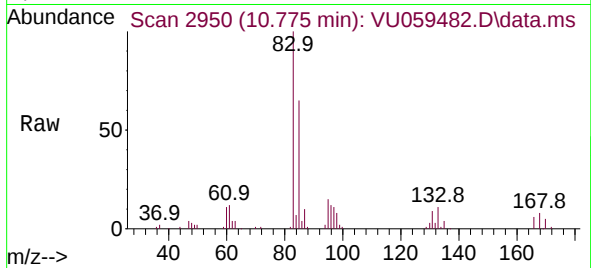
Tgt Ion: 83 Resp: 61962

Ion Ratio Lower Upper

83 100

85 65.3 44.7 82.9

131 9.0 6.9 10.3



#59

Bromoform

Concen: 5.467 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. 0.000 min

Lab File: VU059482.D

Acq: 25 Jun 2024 19:28

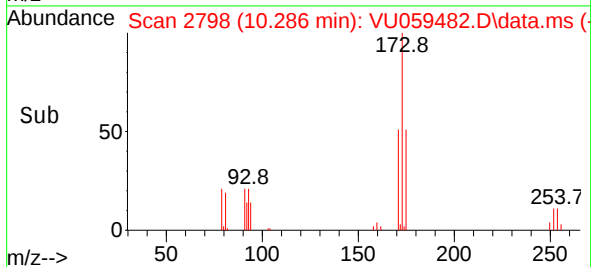
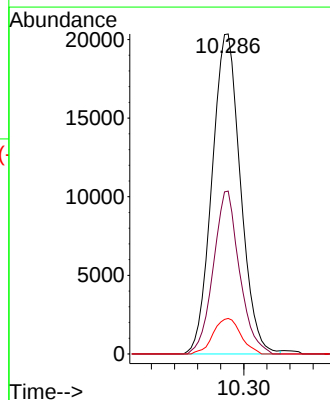
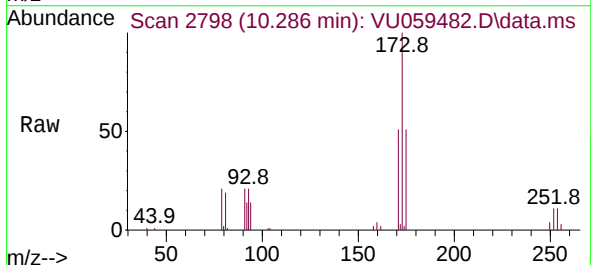
Tgt Ion:173 Resp: 34812

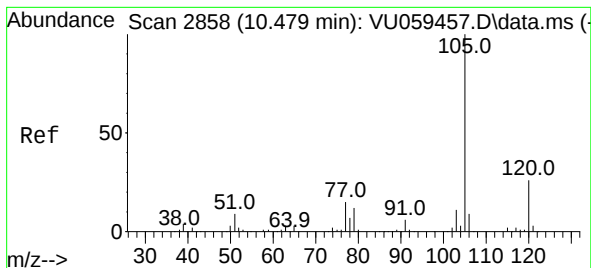
Ion Ratio Lower Upper

173 100

175 46.8 39.4 59.2

254 10.7 7.4 11.2





#60

Isopropylbenzene

Concen: 5.123 ug/L

RT: 10.479 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU059482.D

Acq: 25 Jun 2024 19:28

Instrument :

MSVOA_U

ClientSampleId :

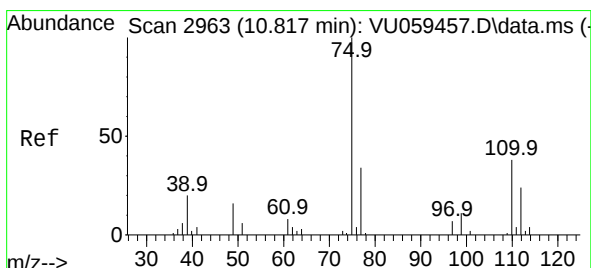
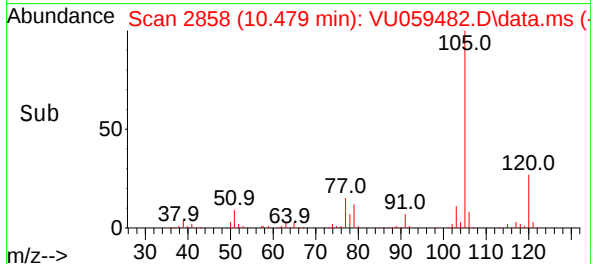
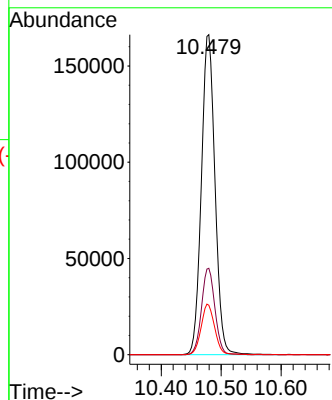
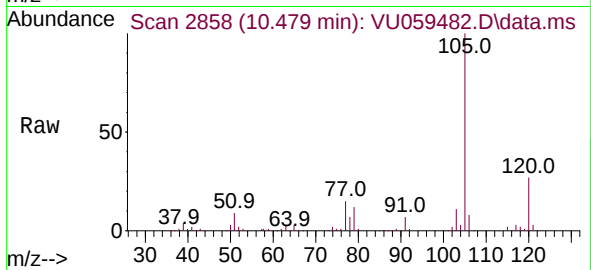
Tgt Ion:105 Resp: 263316

Ion Ratio Lower Upper

105 100

120 26.5 20.6 31.0

77 15.7 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 5.656 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.003 min

Lab File: VU059482.D

Acq: 25 Jun 2024 19:28

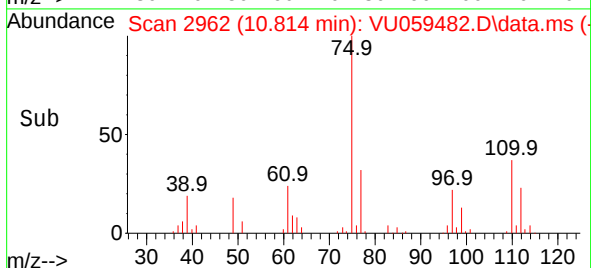
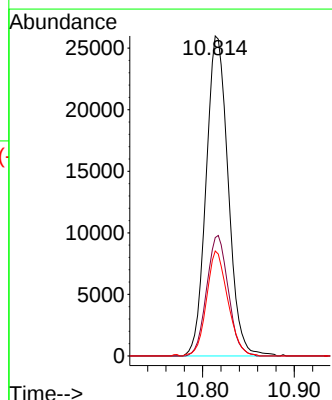
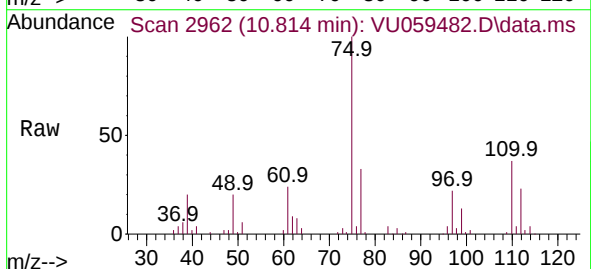
Tgt Ion: 75 Resp: 43494

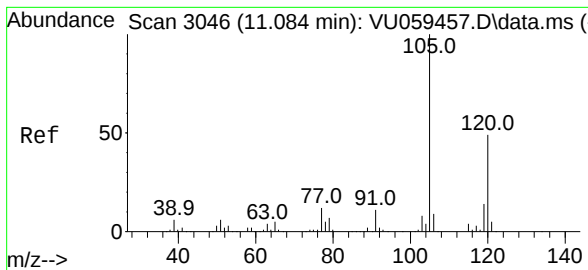
Ion Ratio Lower Upper

75 100

110 36.8 27.1 40.7

77 31.6 25.4 38.2

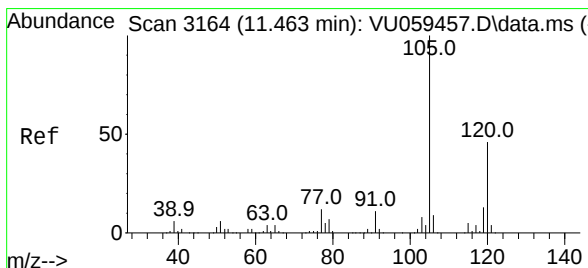
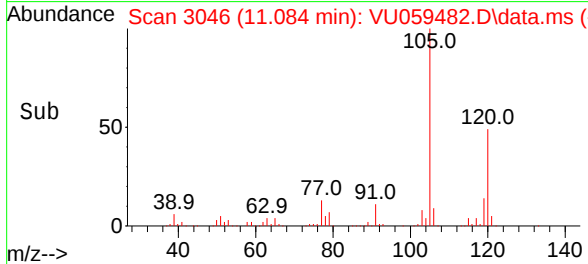
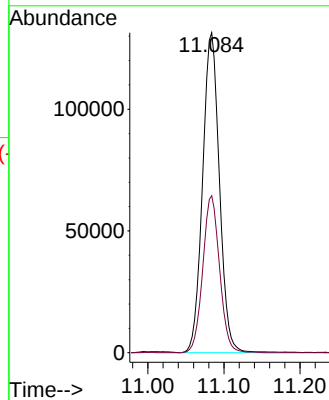
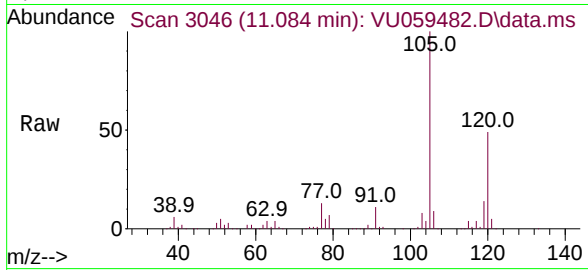




#62
 1,3,5-Trimethylbenzene
 Concen: 4.976 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. 0.000 min
 Lab File: VU059482.D
 Acq: 25 Jun 2024 19:28

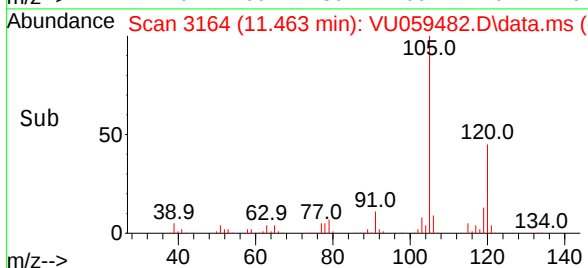
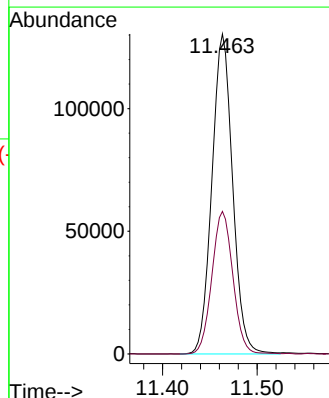
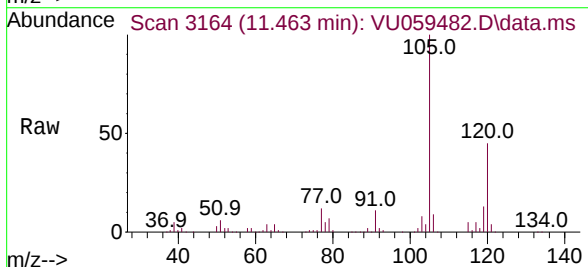
Instrument :
 MSVOA_U
 ClientSampleId :

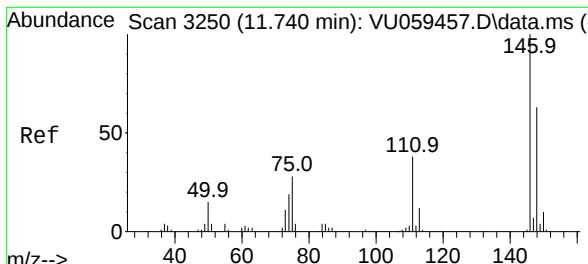
Tgt Ion:105 Resp: 202625
 Ion Ratio Lower Upper
 105 100
 120 48.9 38.2 57.4



#63
 1,2,4-Trimethylbenzene
 Concen: 5.091 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. 0.000 min
 Lab File: VU059482.D
 Acq: 25 Jun 2024 19:28

Tgt Ion:105 Resp: 198205
 Ion Ratio Lower Upper
 105 100
 120 45.2 35.4 53.0

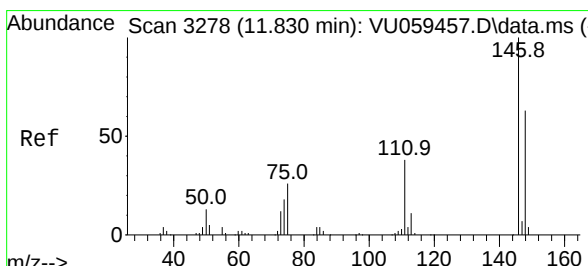
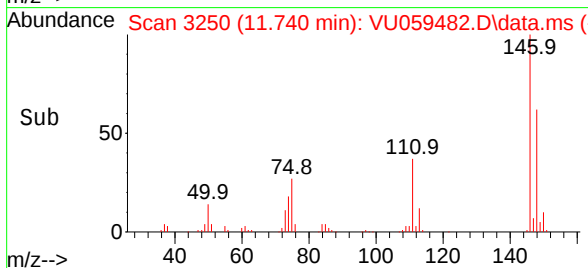
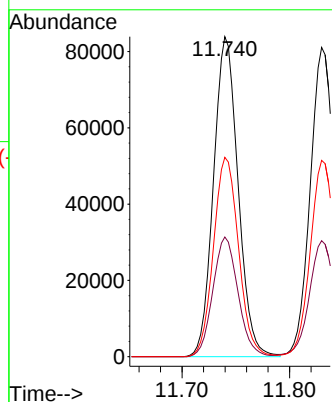
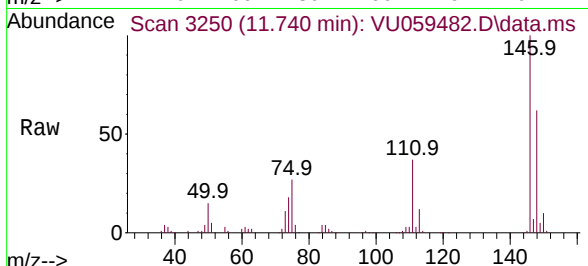




#64
 1,3-Dichlorobenzene
 Concen: 5.096 ug/L
 RT: 11.740 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU059482.D
 Acq: 25 Jun 2024 19:28

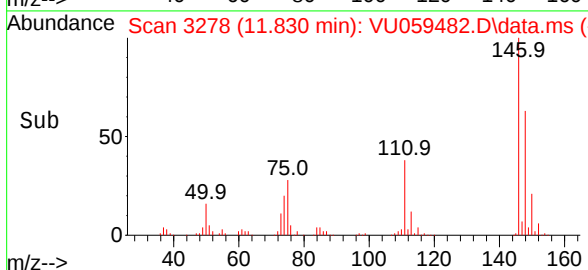
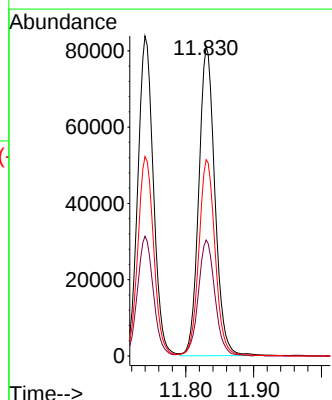
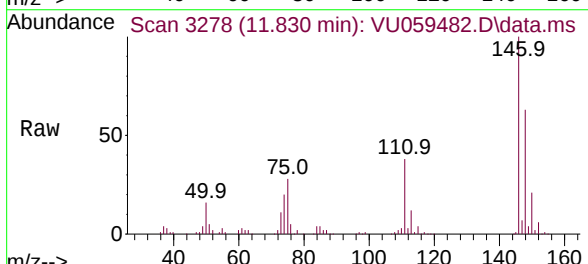
Instrument :
 MSVOA_U
 ClientSampleId :

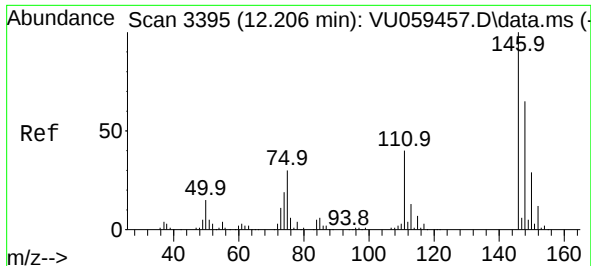
Tgt Ion:146 Resp: 133236
 Ion Ratio Lower Upper
 146 100
 111 37.4 27.4 51.0
 148 62.3 45.0 83.6



#65
 1,4-Dichlorobenzene
 Concen: 4.986 ug/L
 RT: 11.830 min Scan# 3278
 Delta R.T. 0.000 min
 Lab File: VU059482.D
 Acq: 25 Jun 2024 19:28

Tgt Ion:146 Resp: 134174
 Ion Ratio Lower Upper
 146 100
 111 37.5 26.9 50.1
 148 63.5 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.141 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU059482.D

Acq: 25 Jun 2024 19:28

Instrument :

MSVOA_U

ClientSampleId :

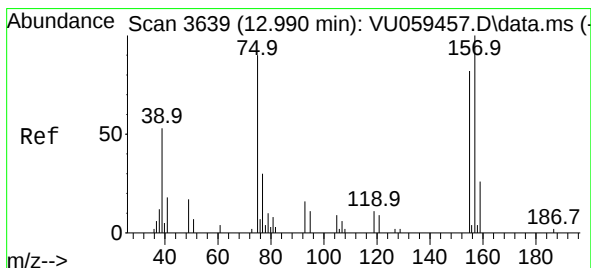
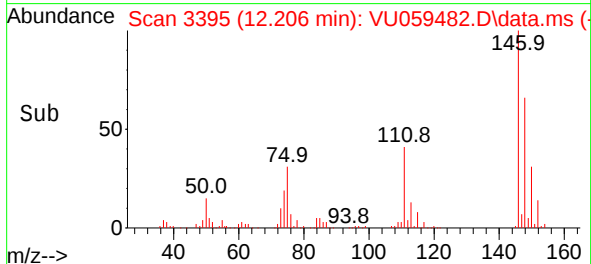
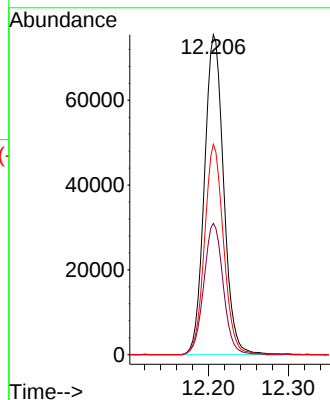
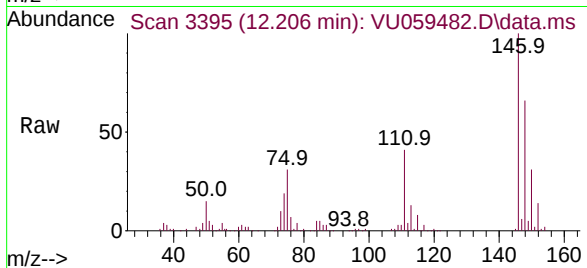
Tgt Ion:146 Resp: 126467

Ion Ratio Lower Upper

146 100

111 41.0 33.4 50.0

148 65.7 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.739 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU059482.D

Acq: 25 Jun 2024 19:28

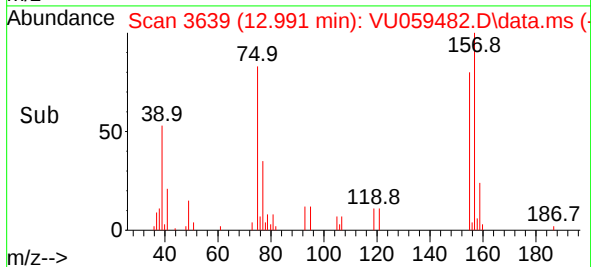
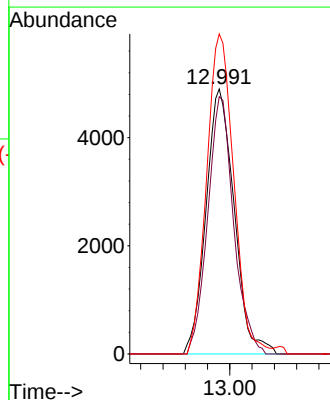
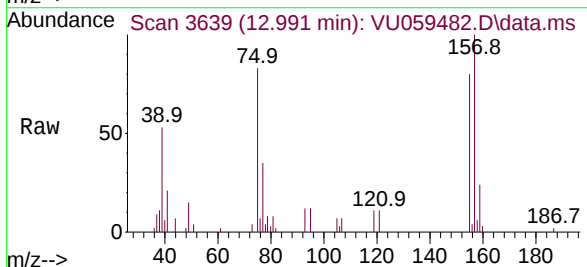
Tgt Ion: 75 Resp: 8607

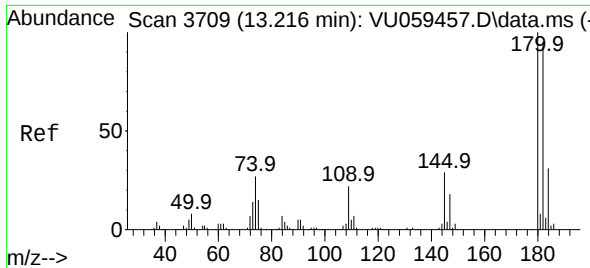
Ion Ratio Lower Upper

75 100

155 97.1 58.2 87.2#

157 120.8 80.0 120.0#





#69

1,3,5-Trichlorobenzene

Concen: 4.855 ug/L

RT: 13.216 min Scan# 3709

Delta R.T. 0.000 min

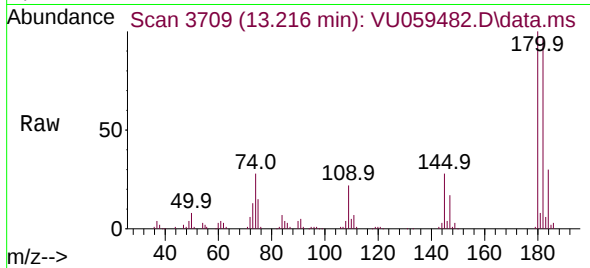
Lab File: VU059482.D

Acq: 25 Jun 2024 19:28

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 93960

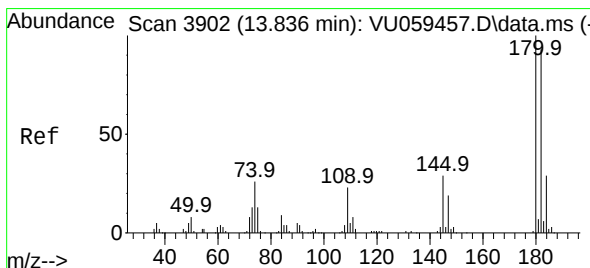
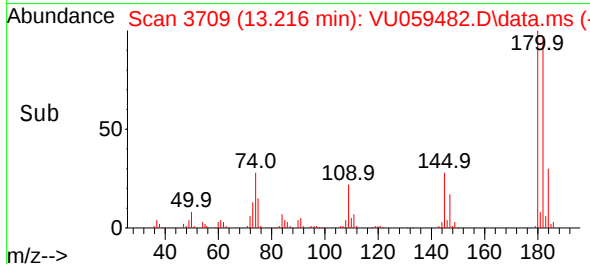
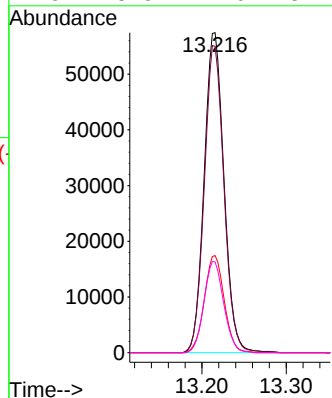
Ion Ratio Lower Upper

180 100

182 95.4 75.4 113.0

184 30.5 23.0 34.6

145 28.5 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 4.869 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU059482.D

Acq: 25 Jun 2024 19:28

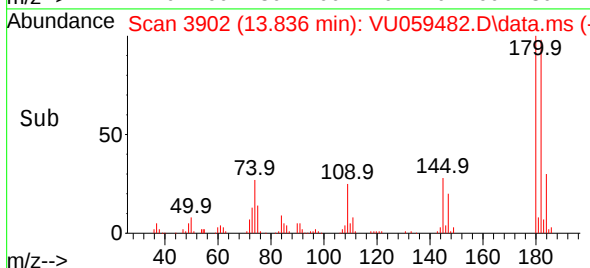
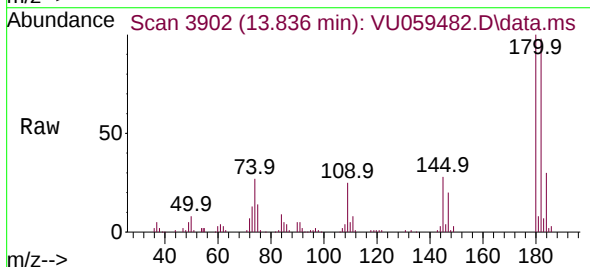
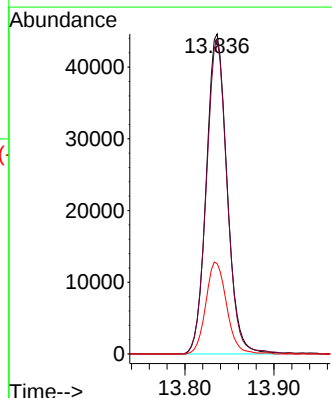
Tgt Ion:180 Resp: 72287

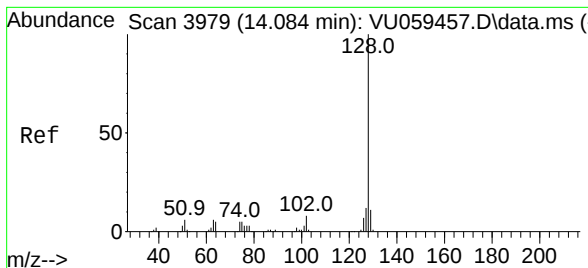
Ion Ratio Lower Upper

180 100

182 98.1 74.9 112.3

145 28.7 23.9 35.9





#71

Naphthalene

Concen: 5.100 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. 0.000 min

Lab File: VU059482.D

Acq: 25 Jun 2024 19:28

Instrument :

MSVOA_U

ClientSampleId :

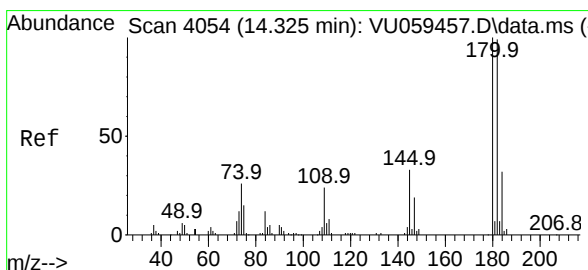
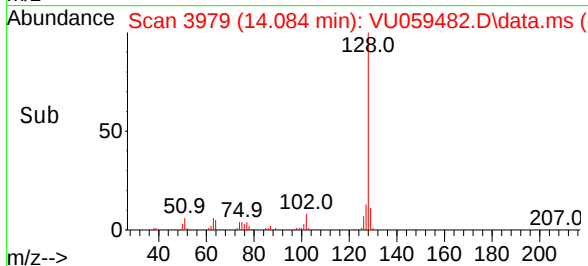
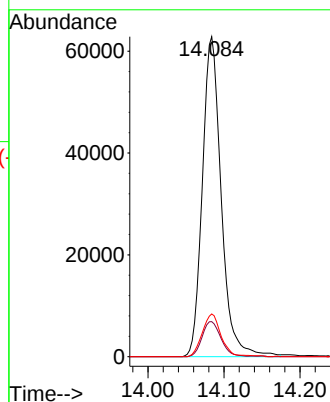
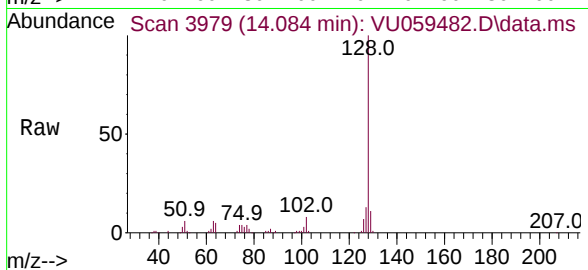
Tgt Ion:128 Resp: 108357

Ion Ratio Lower Upper

128 100

129 10.9 8.2 12.4

127 13.3 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 5.166 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VU059482.D

Acq: 25 Jun 2024 19:28

Tgt Ion:180 Resp: 71209

Ion Ratio Lower Upper

180 100

182 94.7 77.0 115.6

145 29.5 26.2 39.4

