

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062524\
 Data File : VU059506.D
 Acq On : 26 Jun 2024 05:43
 Operator : MD/SY
 Sample : P3006-15MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 26 06:22:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 26 05:55:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	142196	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	146286	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	77769	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	28751	2.908	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.200%
7) Chloroethane-d5	1.907	69	34155	3.590	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.800%
11) 1,1-Dichloroethene-d2	2.557	65	11287	2.752	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.000%#
20) 2-Butanone-d5	4.618	46	137837	67.676	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	135.360%#
24) Chloroform-d	5.052	84	88576	4.364	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	5.695	65	44962	4.599	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	5.721	84	145028	3.602	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.000%
36) 1,2-Dichloropropane-d6	6.682	67	52822	4.282	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.600%
41) Toluene-d8	7.891	98	122282	3.267	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.400%#
43) trans-1,3-Dichloroprop...	8.174	79	16427	4.252	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.624	63	114452	71.305	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	142.620%#
56) 1,1,2,2-Tetrachloroeth...	10.749	84	59478	5.835	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	61756	4.462	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	59828	4.965	ug/L	100
3) Chloromethane	1.515	50	66424	5.122	ug/L	99
5) Vinyl chloride	1.599	62	74446	5.197	ug/L	100
6) Bromomethane	1.853	94	46639	4.682	ug/L	97
8) Chloroethane	1.927	64	46015	5.331	ug/L	98
9) Trichlorofluoromethane	2.132	101	90459	5.246	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	54505	4.993	ug/L	94
12) 1,1-Dichloroethene	2.573	96	51907	5.147	ug/L #	76
13) Acetone	2.631	43	186783	141.376	ug/L	92
14) Carbon disulfide	2.785	76	168483	5.007	ug/L	100
15) Methyl Acetate	2.949	43	14552	4.174	ug/L	95
16) Methylene chloride	3.036	84	60553	5.067	ug/L	90
17) Methyl tert-butyl Ether	3.354	73	124564	5.732	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	55493	5.291	ug/L	92
19) 1,1-Dichloroethane	3.859	63	102727	5.311	ug/L	98
21) 2-Butanone	4.698	43	149986	70.778	ug/L	88
22) cis-1,2-Dichloroethene	4.656	96	63077	5.456	ug/L	93
23) Bromochloromethane	4.965	128	29284	5.556	ug/L	88
25) Chloroform	5.078	83	110305	5.415	ug/L	99

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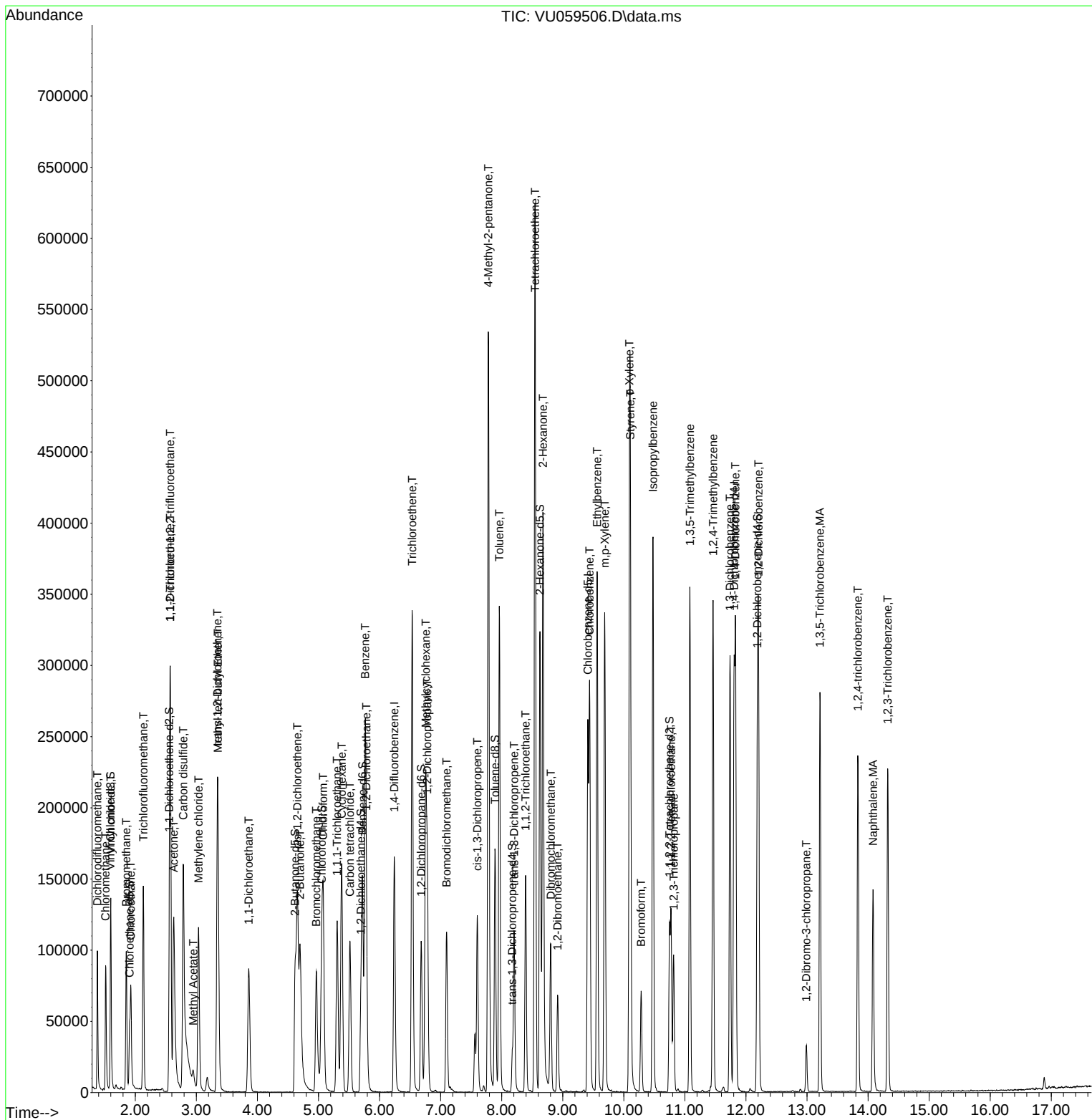
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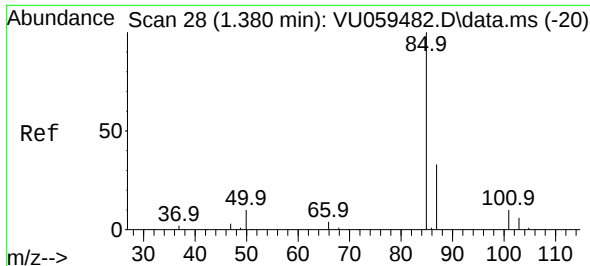
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	67691	5.483	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	88360	5.231	ug/L	98
30) Cyclohexane	5.380	56	76711	5.143	ug/L	95
31) Carbon tetrachloride	5.515	117	73110	5.169	ug/L	99
33) Benzene	5.766	78	236549	5.325	ug/L	100
34) Trichloroethene	6.534	95	118216	9.826	ug/L	97
35) Methylcyclohexane	6.756	83	83301	4.866	ug/L	95
37) 1,2-Dichloropropane	6.782	63	62418	5.430	ug/L #	97
38) Bromodichloromethane	7.100	83	76681	5.344	ug/L	95
39) cis-1,3-Dichloropropene	7.602	75	78530	4.995	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	329042	61.769	ug/L	96
42) Toluene	7.962	91	257008	5.465	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	65757	5.211	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	49081	5.794	ug/L	98
47) Tetrachloroethene	8.547	164	143436	15.365	ug/L	94
48) 2-Hexanone	8.676	43	246494	64.836	ug/L #	94
49) Dibromochloromethane	8.804	129	51950	5.536	ug/L	94
50) 1,2-Dibromoethane	8.917	107	45782	5.852	ug/L	98
51) Chlorobenzene	9.441	112	161820	5.425	ug/L	97
52) Ethylbenzene	9.563	91	257351	5.334	ug/L	98
53) m,p-Xylene	9.688	106	100504	5.424	ug/L	98
54) o-Xylene	10.094	106	96936	5.512	ug/L	98
55) Styrene	10.110	104	168871	5.641	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.775	83	62462	6.078	ug/L	99
59) Bromoform	10.283	173	33512	5.631	ug/L	97
60) Isopropylbenzene	10.479	105	252208	5.250	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	41339	5.752	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	191608	5.034	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	192740	5.297	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	129740	5.310	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	128619	5.114	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	125115	5.441	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	8834	6.302	ug/L #	87
69) 1,3,5-Trichlorobenzene	13.212	180	91794	5.075	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	75895	5.470	ug/L	97
71) Naphthalene	14.084	128	125118	6.300	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	75058	5.826	ug/L	98

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

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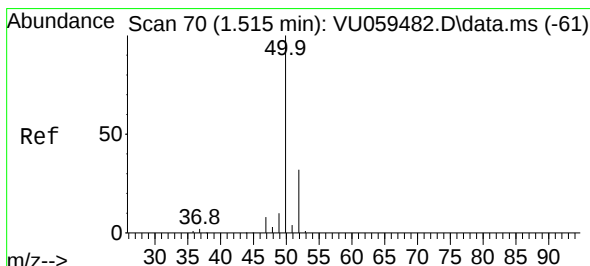
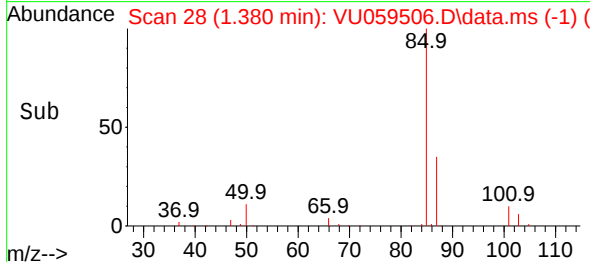
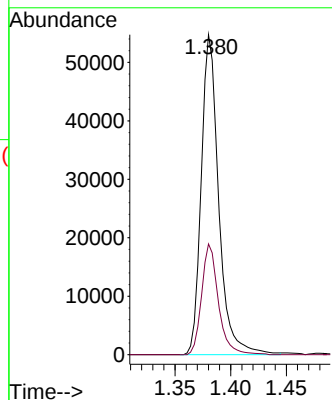
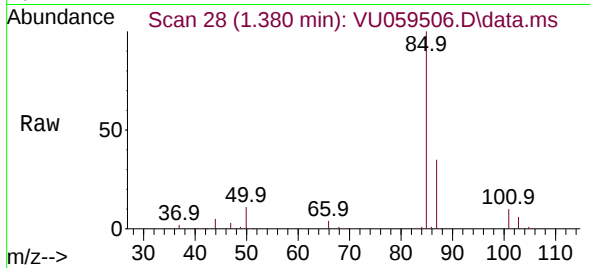




#2
 Dichlorodifluoromethane
 Concen: 4.965 ug/L
 RT: 1.380 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU059506.D
 Acq: 26 Jun 2024 05:43

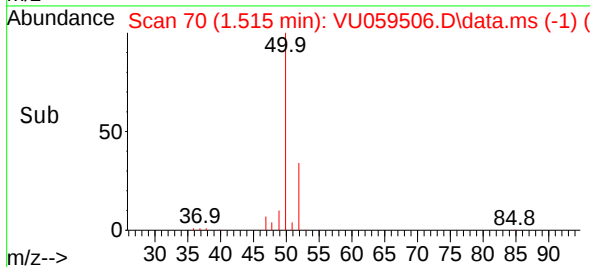
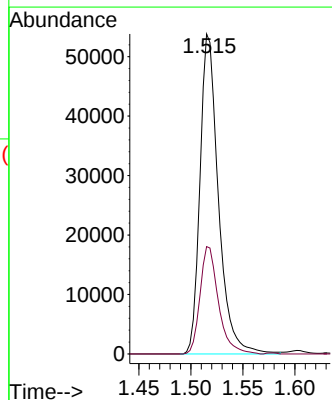
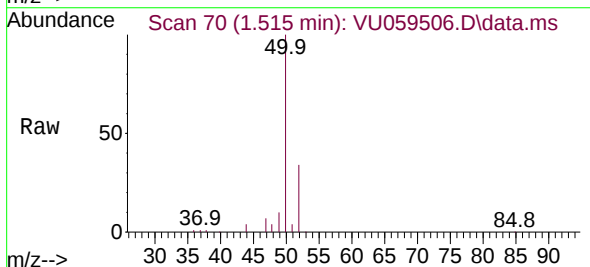
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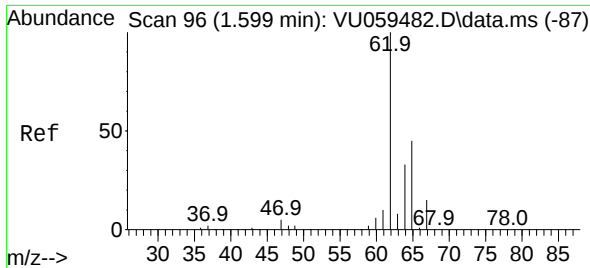
Tgt Ion: 85 Resp: 59828
 Ion Ratio Lower Upper
 85 100
 87 33.2 26.6 40.0



#3
 Chloromethane
 Concen: 5.122 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU059506.D
 Acq: 26 Jun 2024 05:43

Tgt Ion: 50 Resp: 66424
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.2 43.0

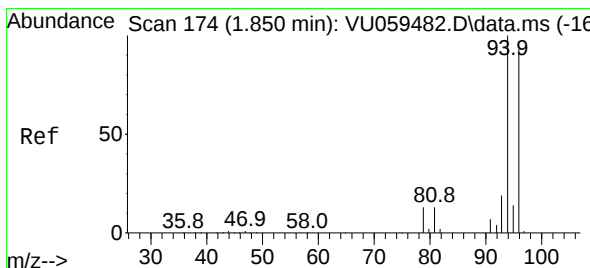
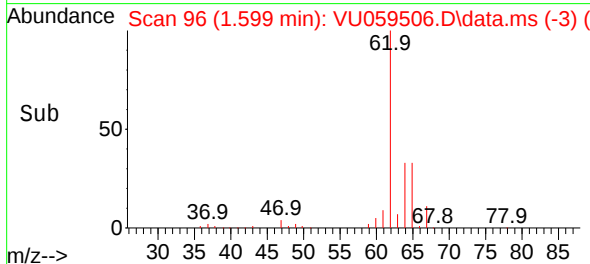
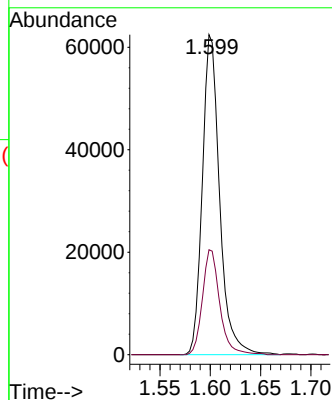
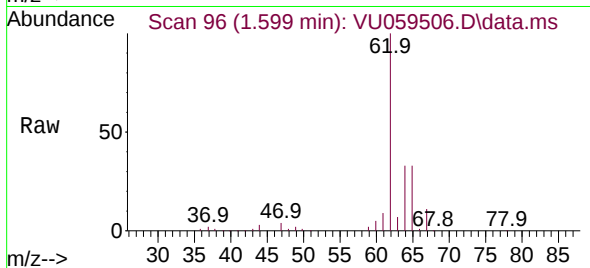




#5
 Vinyl chloride
 Concen: 5.197 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VU059506.D
 Acq: 26 Jun 2024 05:43

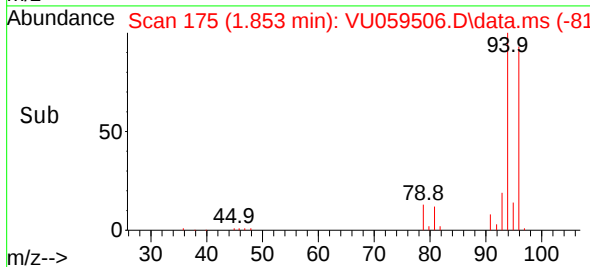
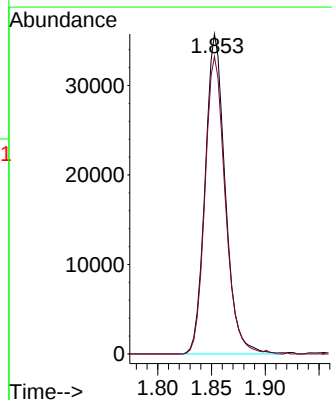
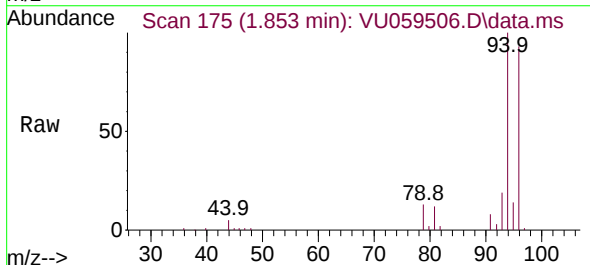
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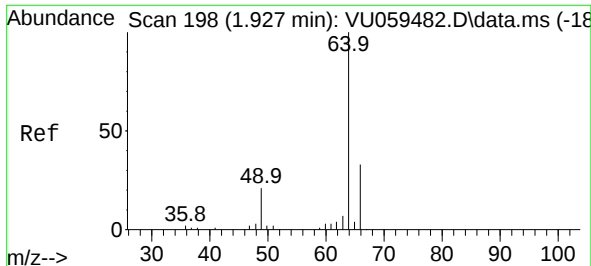
Tgt Ion: 62 Resp: 74446
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.1 42.9



#6
 Bromomethane
 Concen: 4.682 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.003 min
 Lab File: VU059506.D
 Acq: 26 Jun 2024 05:43

Tgt Ion: 94 Resp: 46639
 Ion Ratio Lower Upper
 94 100
 96 93.0 62.9 116.9

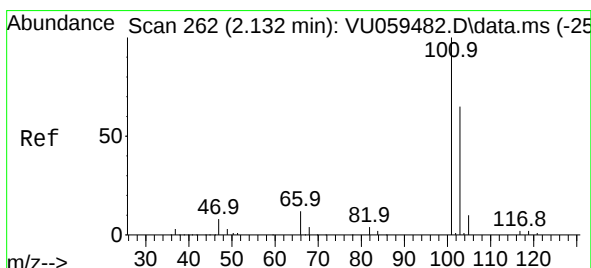
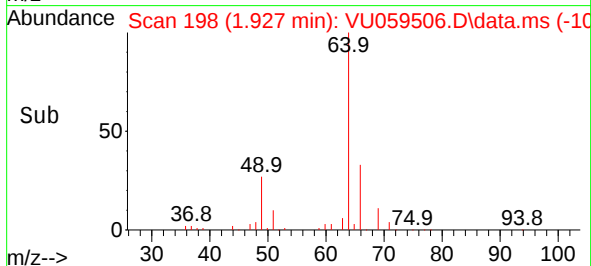
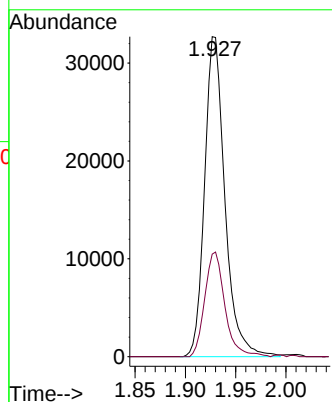
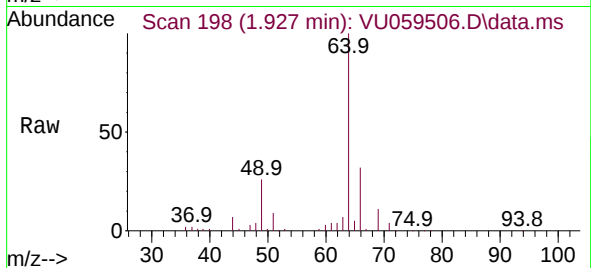




#8
Chloroethane
Concen: 5.331 ug/L
RT: 1.927 min Scan# 198
Delta R.T. 0.000 min
Lab File: VU059506.D
Acq: 26 Jun 2024 05:43

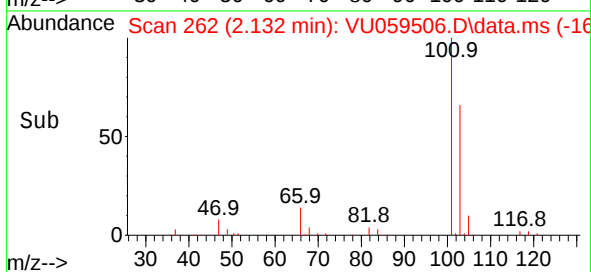
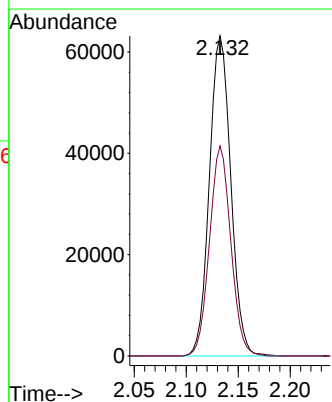
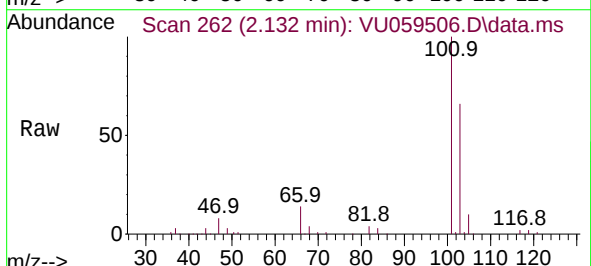
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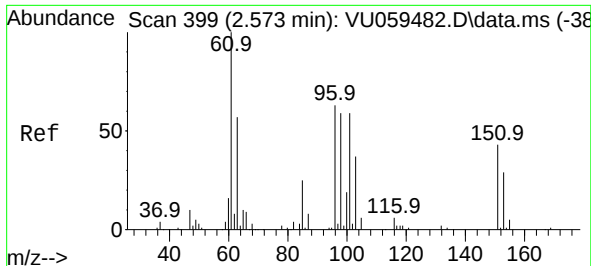
Tgt Ion: 64 Resp: 46015
Ion Ratio Lower Upper
64 100
66 32.1 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.246 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU059506.D
Acq: 26 Jun 2024 05:43

Tgt Ion:101 Resp: 90459
Ion Ratio Lower Upper
101 100
103 65.3 52.6 79.0

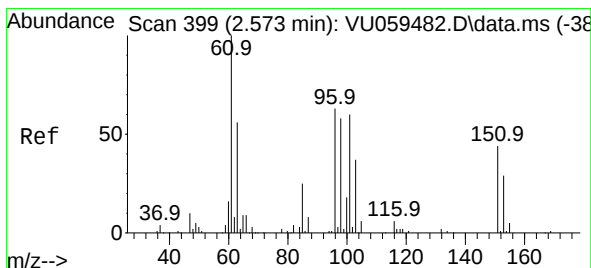
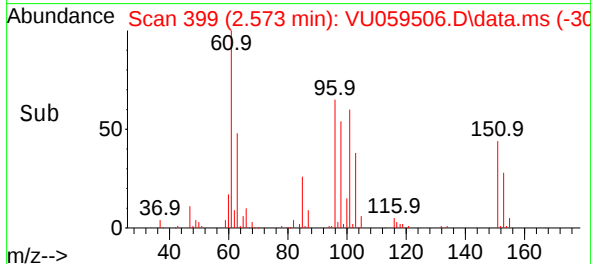
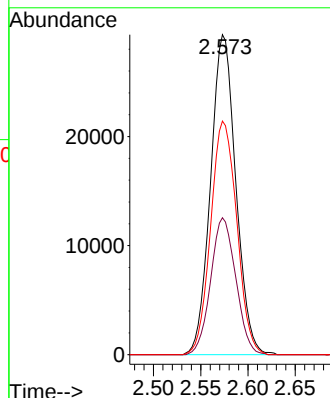
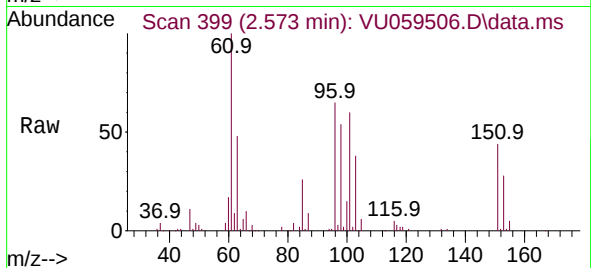




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.993 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU059506.D
 Acq: 26 Jun 2024 05:43

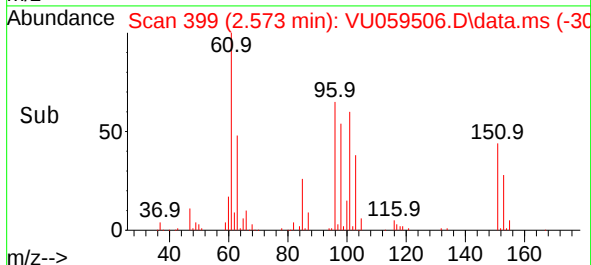
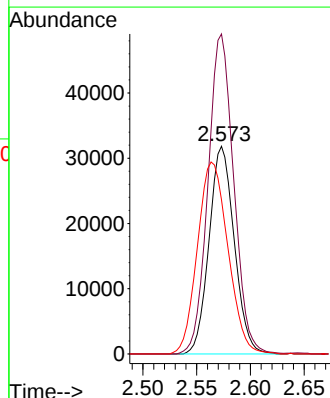
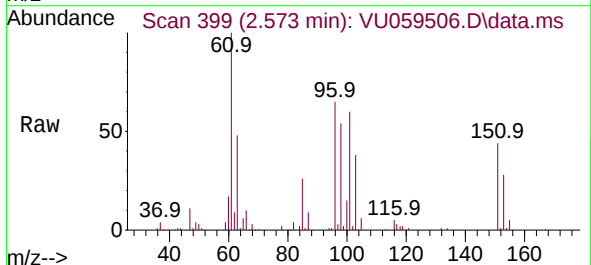
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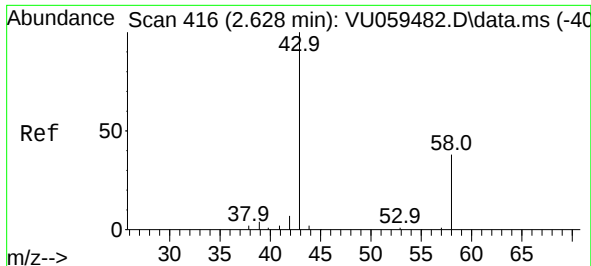
Tgt Ion:101 Resp: 54505
 Ion Ratio Lower Upper
 101 100
 85 42.5 36.2 54.4
 151 75.5 55.5 83.3



#12
 1,1-Dichloroethene
 Concen: 5.147 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU059506.D
 Acq: 26 Jun 2024 05:43

Tgt Ion: 96 Resp: 51907
 Ion Ratio Lower Upper
 96 100
 61 154.1 122.9 228.3
 63 74.3 80.4 149.4#





#13

Acetone

Concen: 141.376 ug/L

RT: 2.631 min Scan# 416

Delta R.T. 0.003 min

Lab File: VU059506.D

Acq: 26 Jun 2024 05:43

Instrument :

MSVOA_U

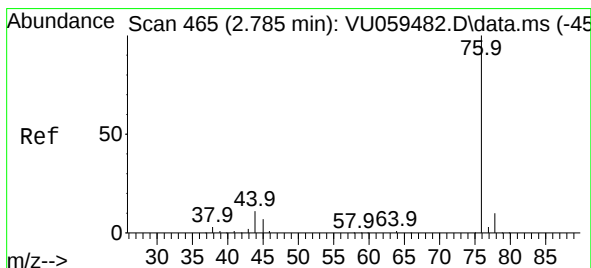
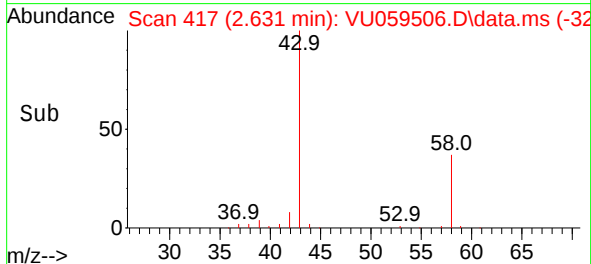
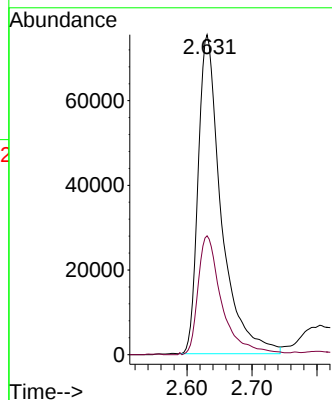
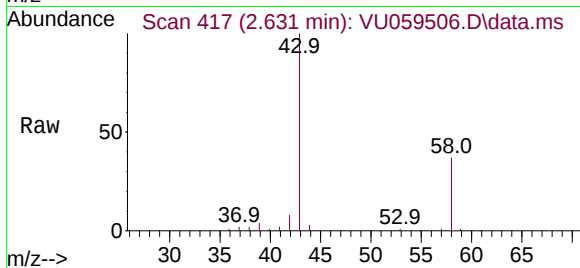
ClientSampleId :

Tgt Ion: 43 Resp: 186783

Ion Ratio Lower Upper

43 100

58 38.6 0.0 68.0



#14

Carbon disulfide

Concen: 5.007 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU059506.D

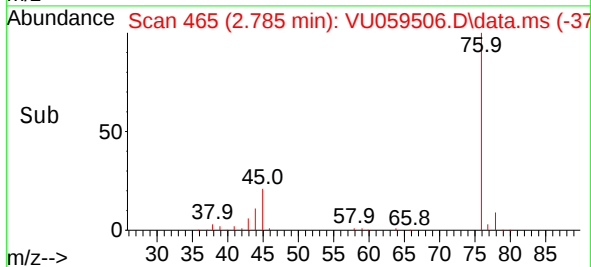
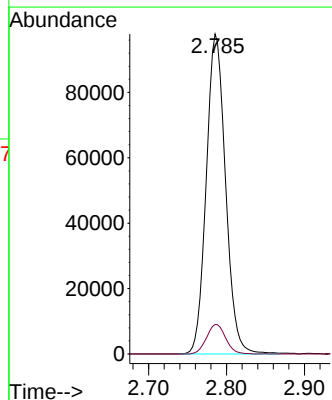
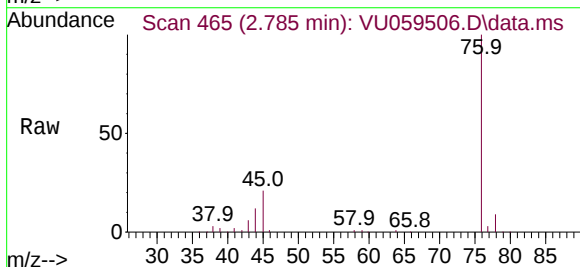
Acq: 26 Jun 2024 05:43

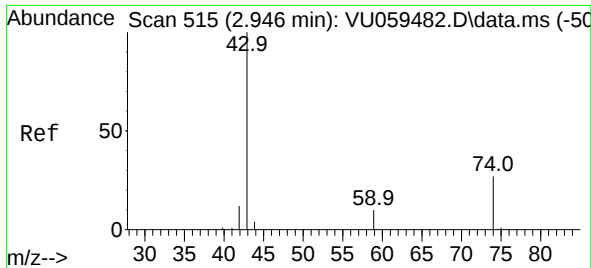
Tgt Ion: 76 Resp: 168483

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9





#15

Methyl Acetate

Concen: 4.174 ug/L

RT: 2.949 min Scan# 515

Delta R.T. 0.003 min

Lab File: VU059506.D

Acq: 26 Jun 2024 05:43

Instrument :

MSVOA_U

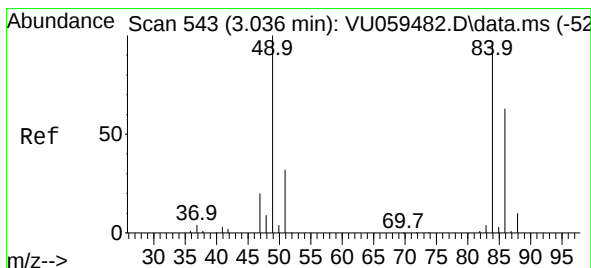
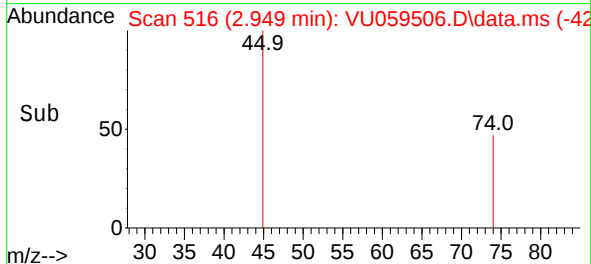
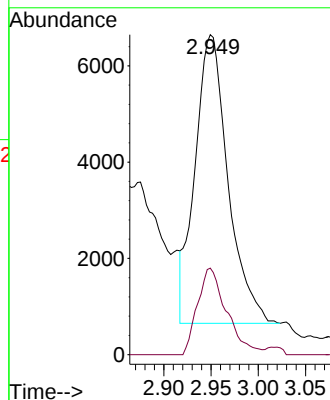
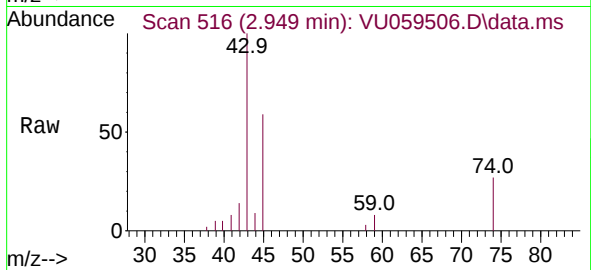
ClientSampleId :

Tgt Ion: 43 Resp: 14552

Ion Ratio Lower Upper

43 100

74 26.5 19.2 28.8



#16

Methylene chloride

Concen: 5.067 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.000 min

Lab File: VU059506.D

Acq: 26 Jun 2024 05:43

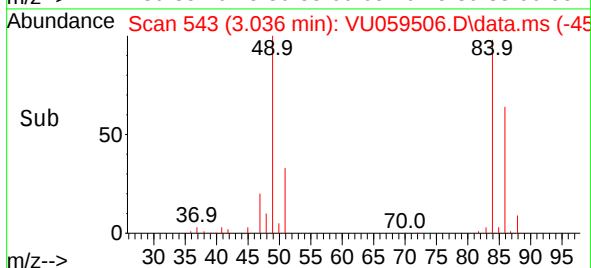
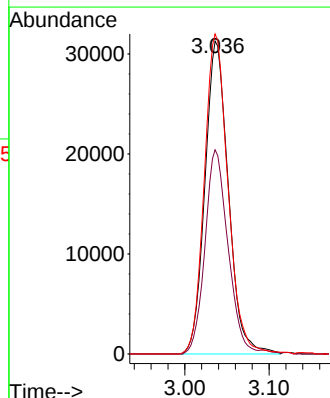
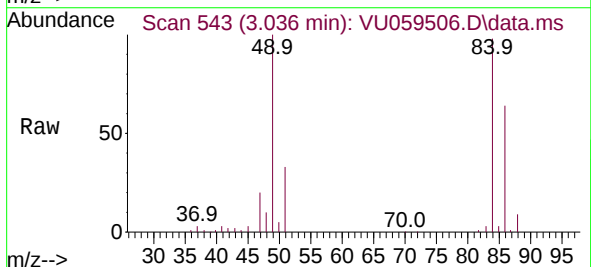
Tgt Ion: 84 Resp: 60553

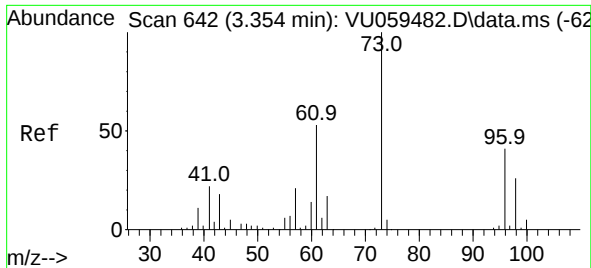
Ion Ratio Lower Upper

84 100

86 65.3 42.1 78.1

49 102.3 80.6 149.8

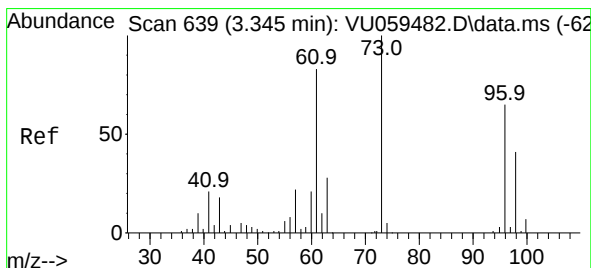
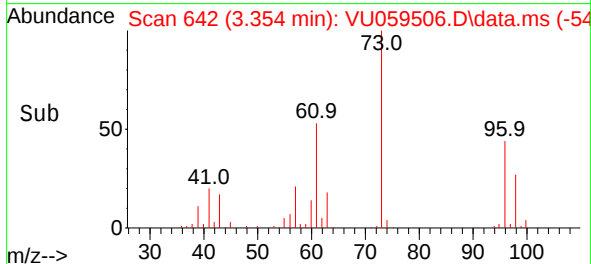
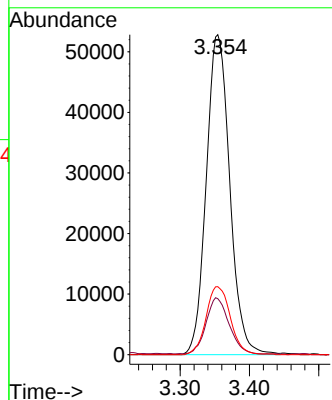
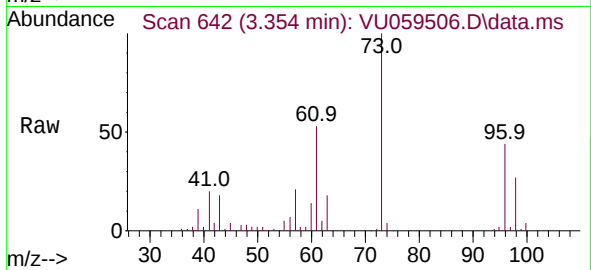




#17
Methyl tert-butyl Ether
Concen: 5.732 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU059506.D
Acq: 26 Jun 2024 05:43

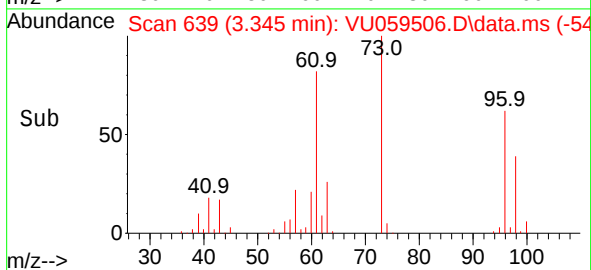
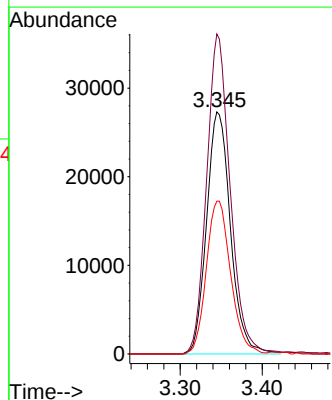
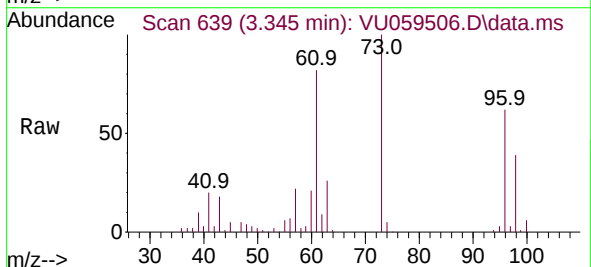
Instrument :
MSVOA_U
ClientSampleId :

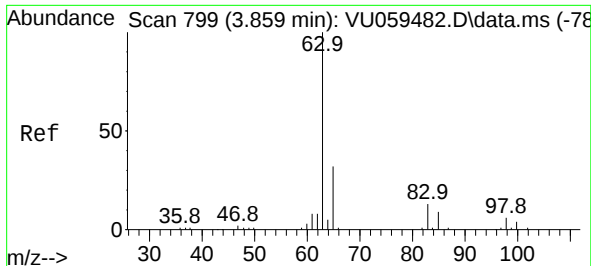
Tgt Ion: 73 Resp: 124564
Ion Ratio Lower Upper
73 100
43 17.0 14.9 22.3
57 21.9 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 5.291 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU059506.D
Acq: 26 Jun 2024 05:43

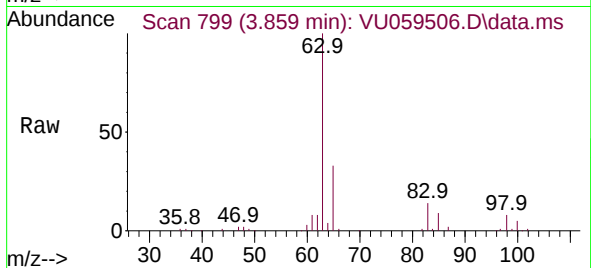
Tgt Ion: 96 Resp: 55493
Ion Ratio Lower Upper
96 100
61 132.2 101.8 189.0
98 63.1 43.3 80.5



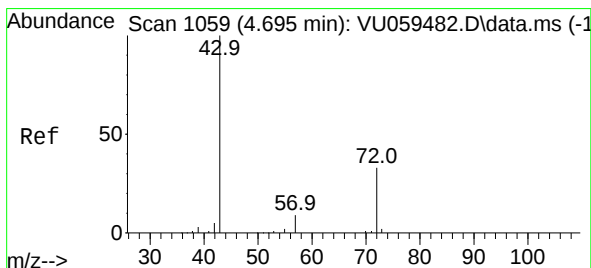
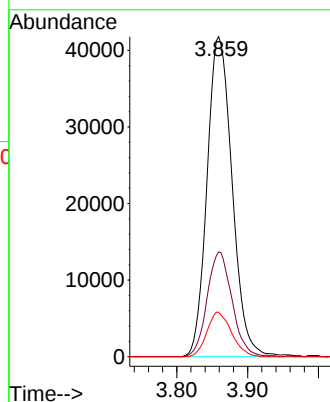
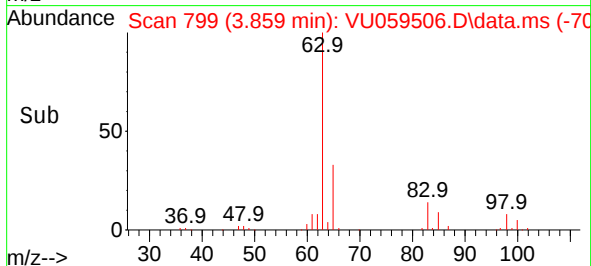


#19
1,1-Dichloroethane
Concen: 5.311 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU059506.D
Acq: 26 Jun 2024 05:43

Instrument :
MSVOA_U
ClientSampleId :

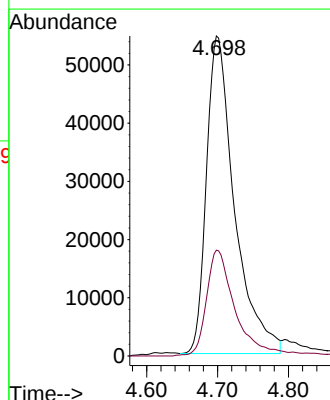
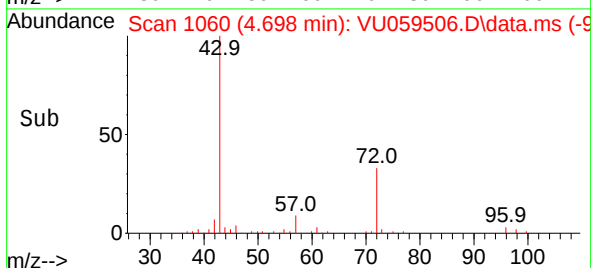
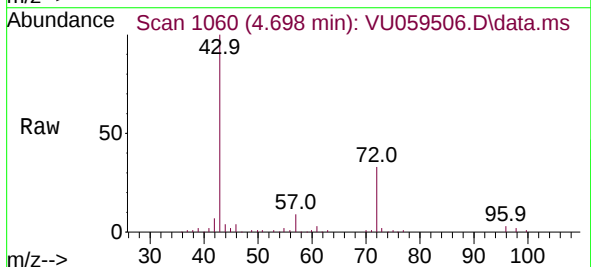


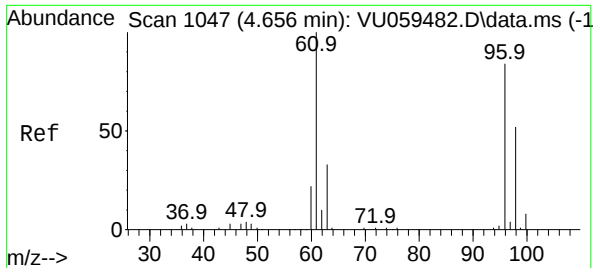
Tgt Ion: 63 Resp: 102727
Ion Ratio Lower Upper
63 100
65 32.8 21.8 40.6
83 13.9 9.9 18.5



#21
2-Butanone
Concen: 70.778 ug/L
RT: 4.698 min Scan# 1060
Delta R.T. 0.003 min
Lab File: VU059506.D
Acq: 26 Jun 2024 05:43

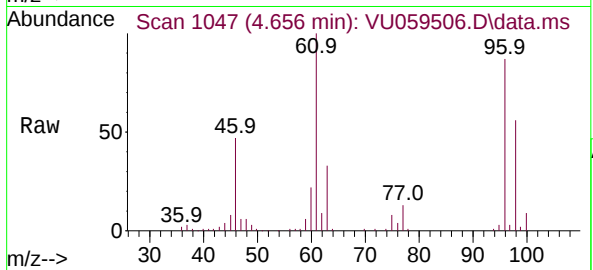
Tgt Ion: 43 Resp: 149986
Ion Ratio Lower Upper
43 100
72 33.8 13.8 41.4



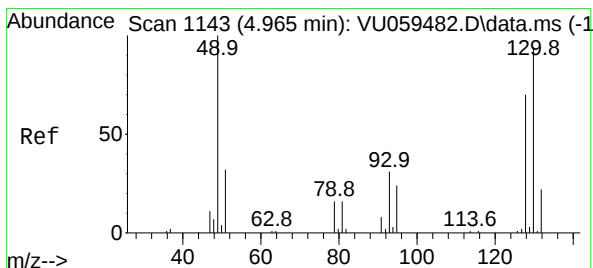
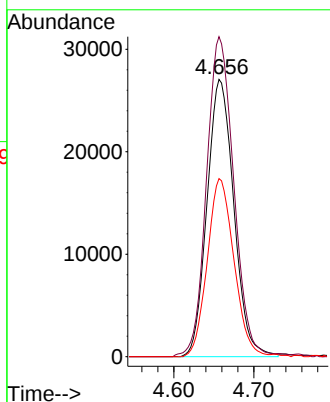
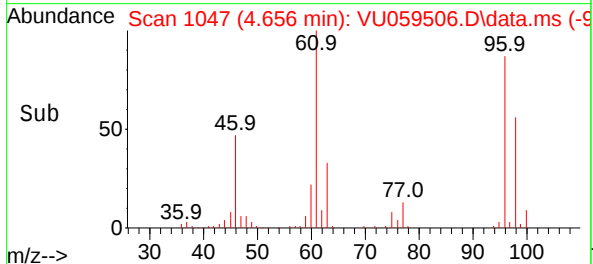


#22
cis-1,2-Dichloroethene
Concen: 5.456 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU059506.D
Acq: 26 Jun 2024 05:43

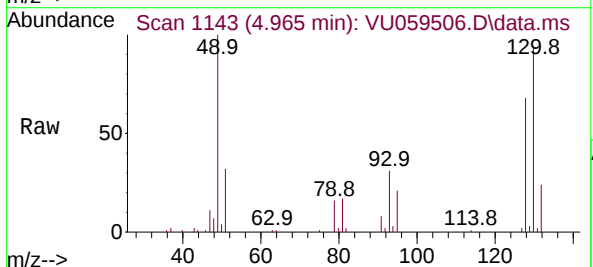
Instrument :
MSVOA_U
ClientSampleId :



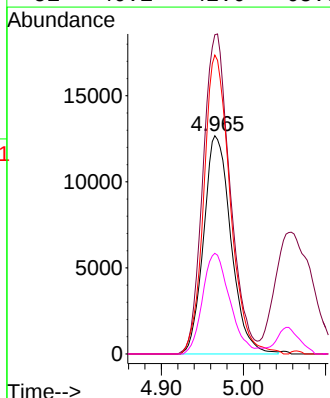
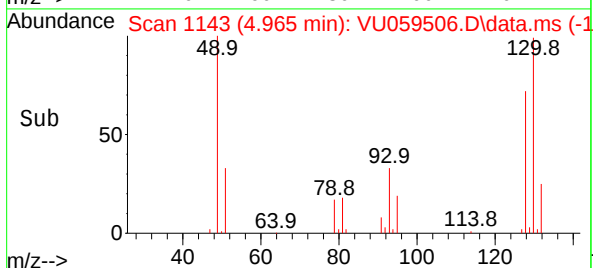
Tgt Ion: 96 Resp: 63077
Ion Ratio Lower Upper
96 100
61 115.4 87.4 162.2
98 64.2 42.3 78.5

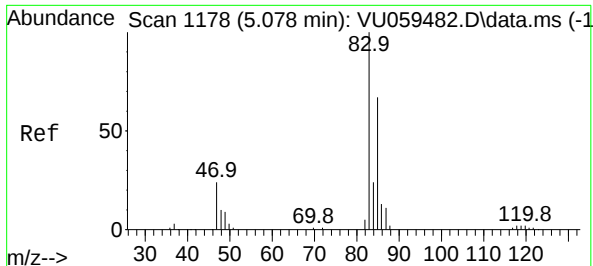


#23
Bromochloromethane
Concen: 5.556 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VU059506.D
Acq: 26 Jun 2024 05:43



Tgt Ion:128 Resp: 29284
Ion Ratio Lower Upper
128 100
49 146.3 117.0 217.4
130 137.0 89.6 166.4
51 46.1 42.0 63.0

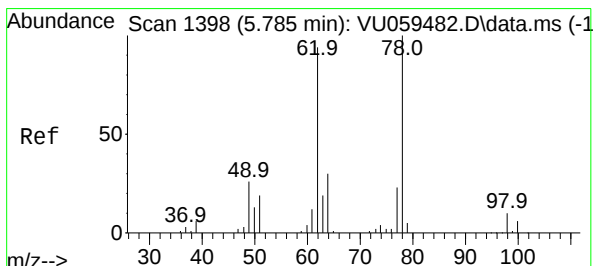
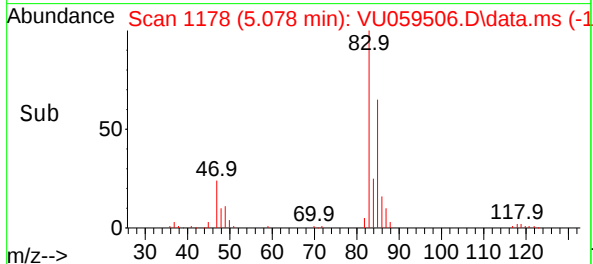
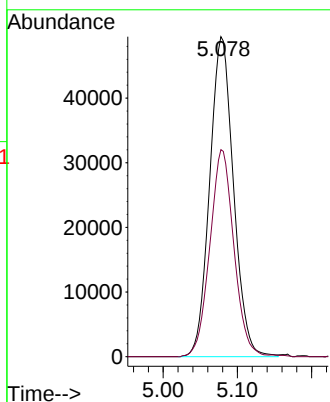
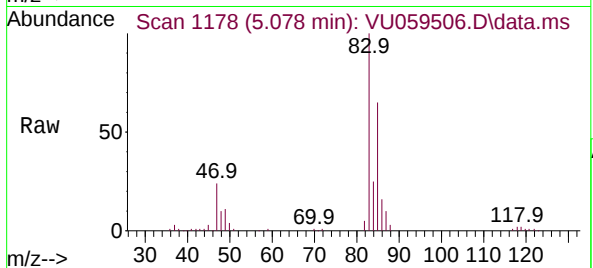




#25
Chloroform
Concen: 5.415 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU059506.D
Acq: 26 Jun 2024 05:43

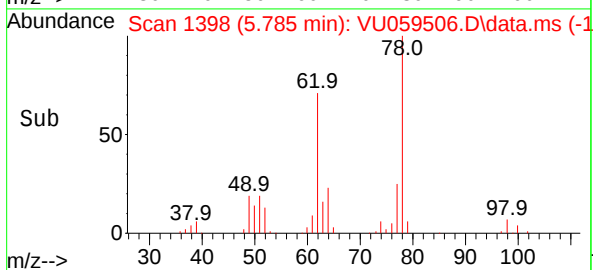
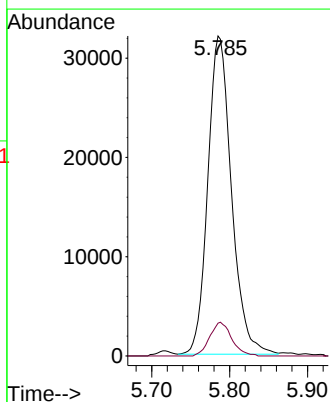
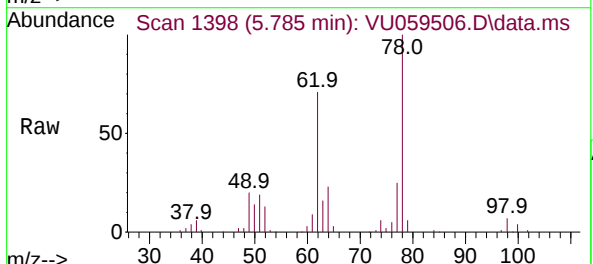
Instrument :
MSVOA_U
ClientSampleId :

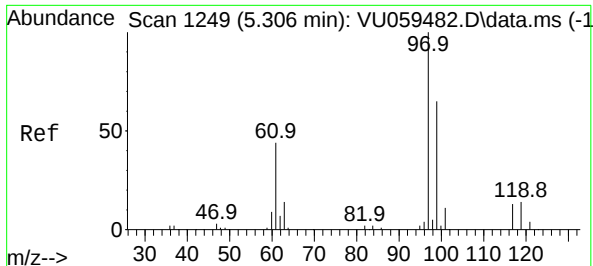
Tgt Ion: 83 Resp: 110305
Ion Ratio Lower Upper
83 100
85 64.7 44.7 83.1



#27
1,2-Dichloroethane
Concen: 5.483 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VU059506.D
Acq: 26 Jun 2024 05:43

Tgt Ion: 62 Resp: 67691
Ion Ratio Lower Upper
62 100
98 10.2 7.5 11.3

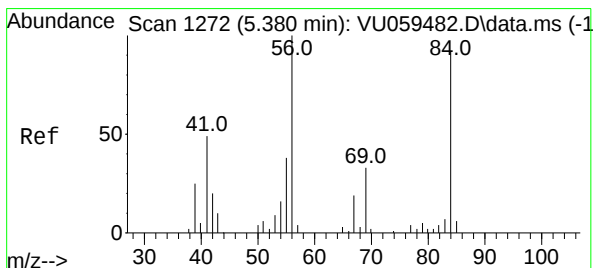
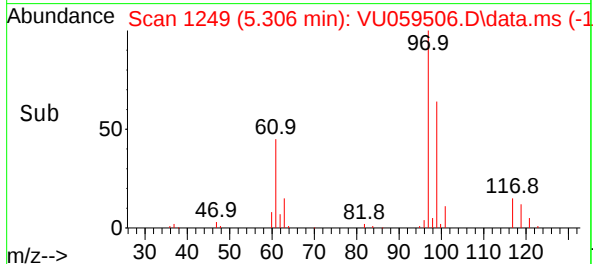
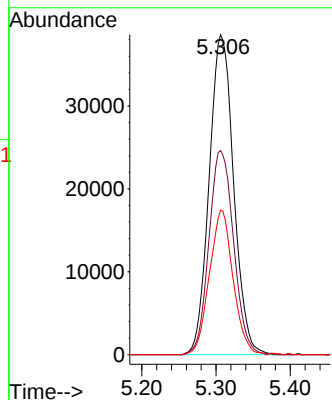
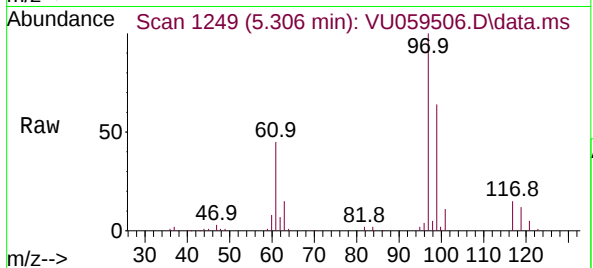




#29
1,1,1-Trichloroethane
Concen: 5.231 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU059506.D
Acq: 26 Jun 2024 05:43

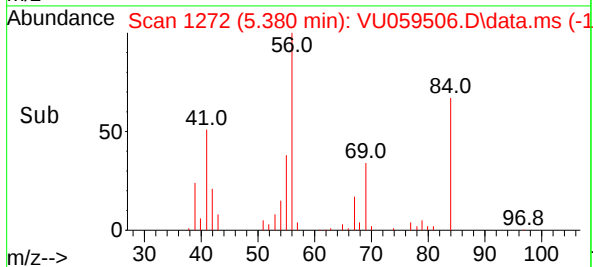
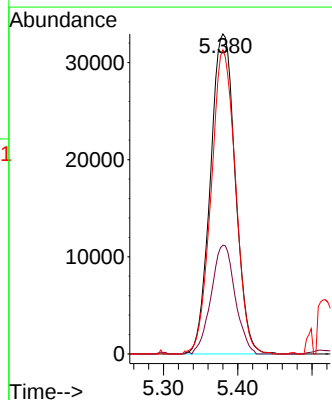
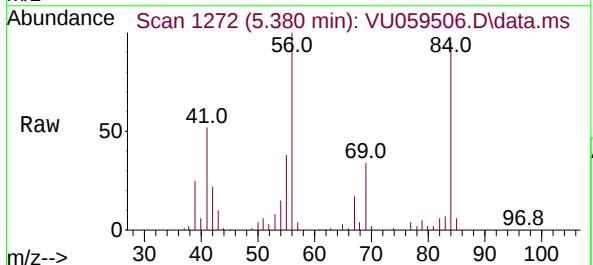
Instrument :
MSVOA_U
ClientSampleId :

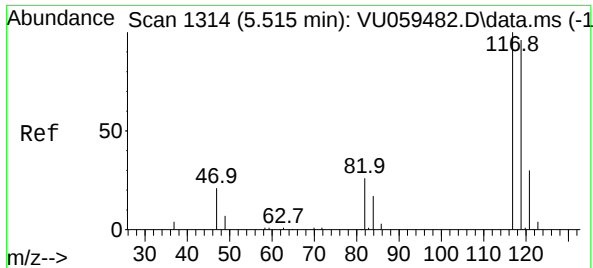
Tgt Ion: 97 Resp: 88360
Ion Ratio Lower Upper
97 100
99 64.5 51.8 77.6
61 43.6 37.4 56.2



#30
Cyclohexane
Concen: 5.143 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU059506.D
Acq: 26 Jun 2024 05:43

Tgt Ion: 56 Resp: 76711
Ion Ratio Lower Upper
56 100
69 32.9 24.8 37.2
84 93.0 69.8 104.8

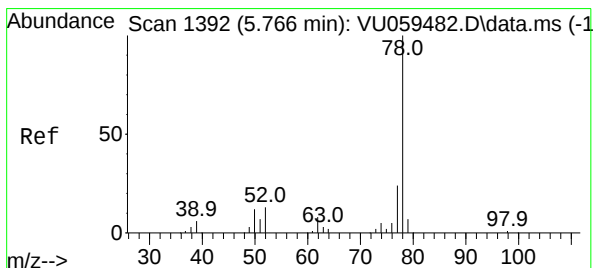
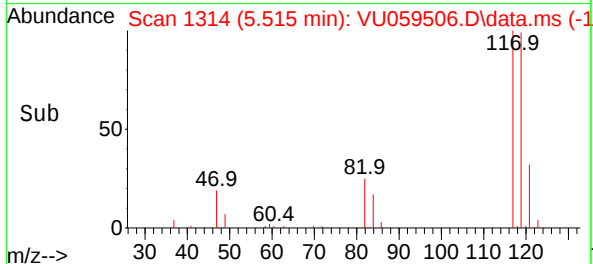
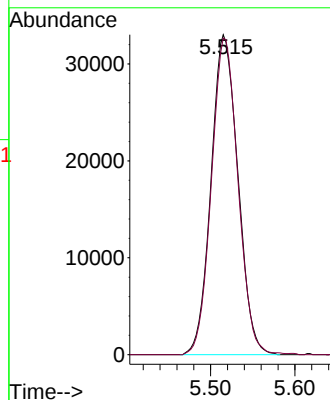
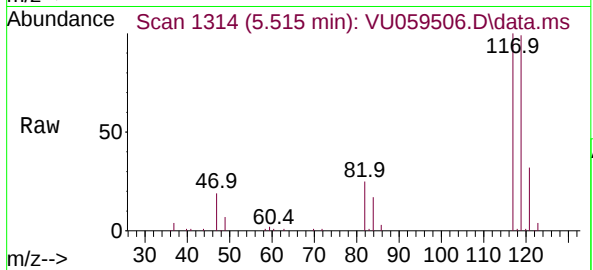




#31
Carbon tetrachloride
Concen: 5.169 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU059506.D
Acq: 26 Jun 2024 05:43

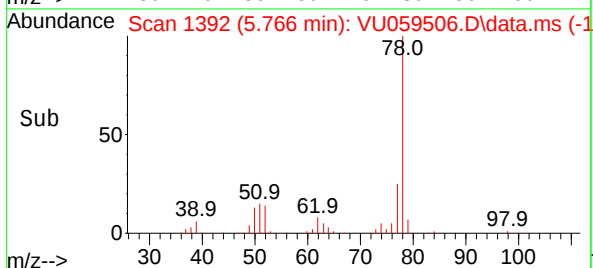
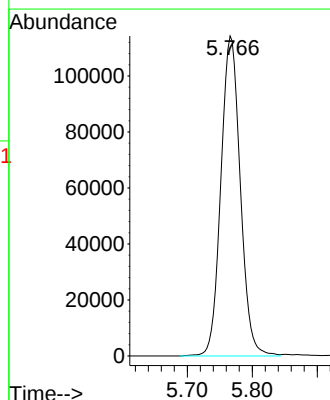
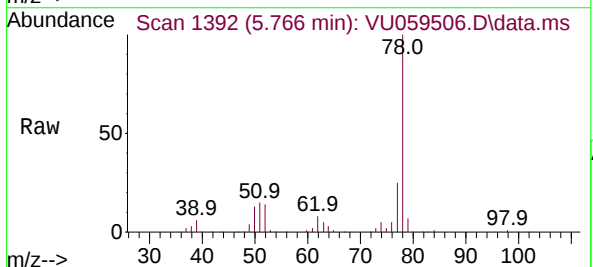
Instrument :
MSVOA_U
ClientSampleId :

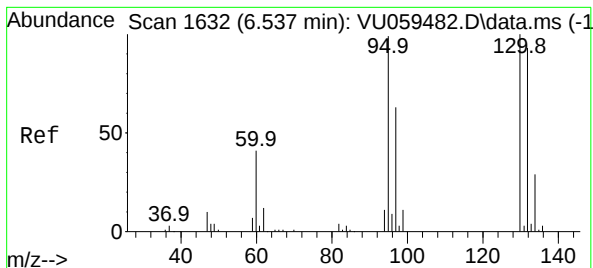
Tgt Ion:117 Resp: 73110
Ion Ratio Lower Upper
117 100
119 97.8 77.5 116.3



#33
Benzene
Concen: 5.325 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU059506.D
Acq: 26 Jun 2024 05:43

Tgt Ion: 78 Resp: 236549





#34

Trichloroethene

Concen: 9.826 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU059506.D

Acq: 26 Jun 2024 05:43

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 118216

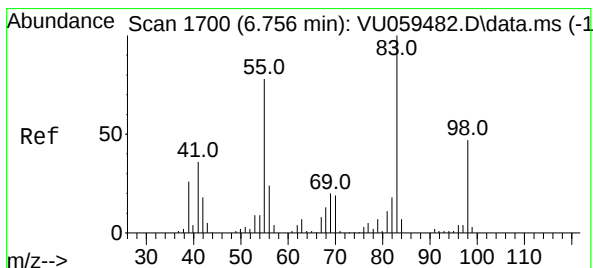
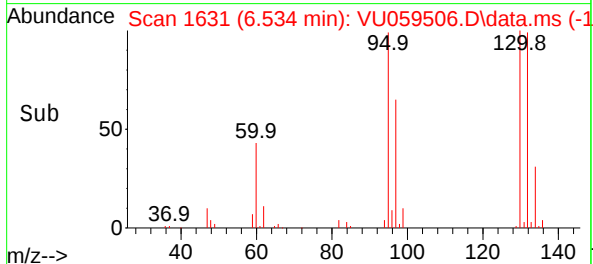
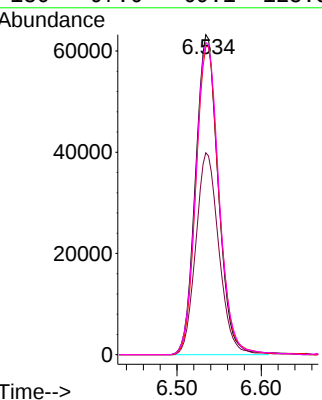
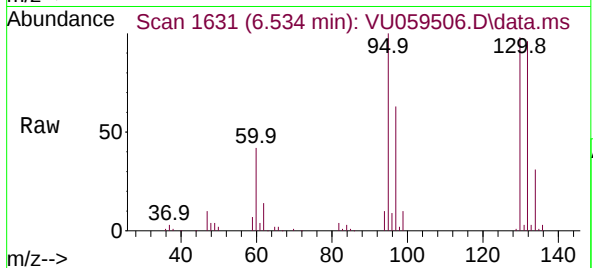
Ion Ratio Lower Upper

95 100

97 63.1 45.3 84.1

132 96.2 64.0 119.0

130 97.6 69.1 128.3



#35

Methylcyclohexane

Concen: 4.866 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU059506.D

Acq: 26 Jun 2024 05:43

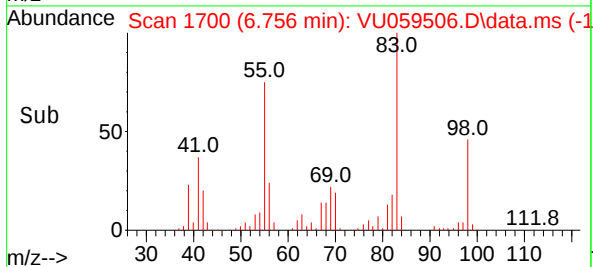
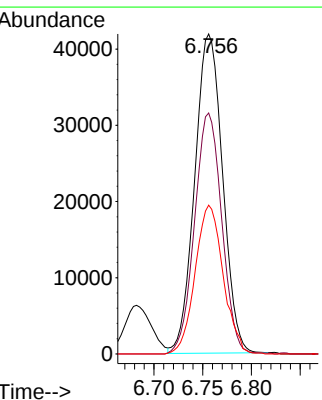
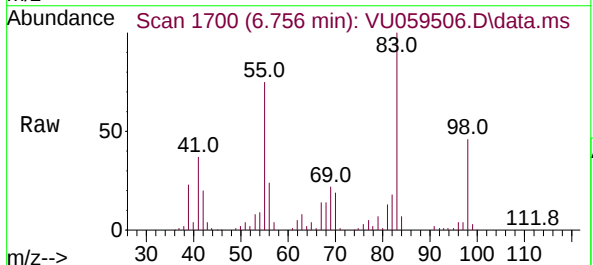
Tgt Ion: 83 Resp: 83301

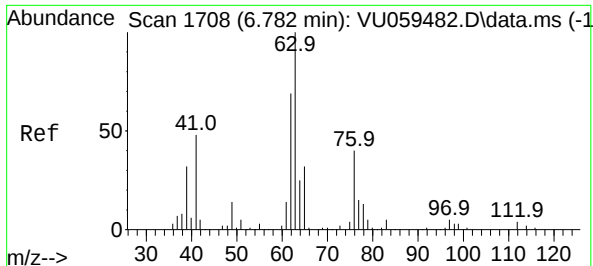
Ion Ratio Lower Upper

83 100

55 73.8 62.7 94.1

98 46.8 35.4 53.0

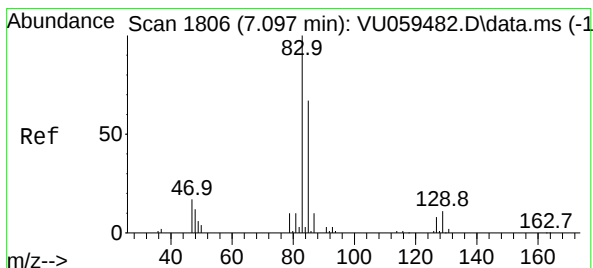
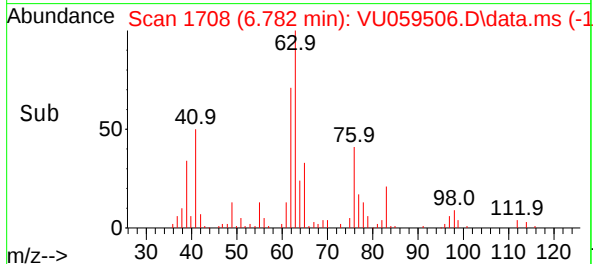
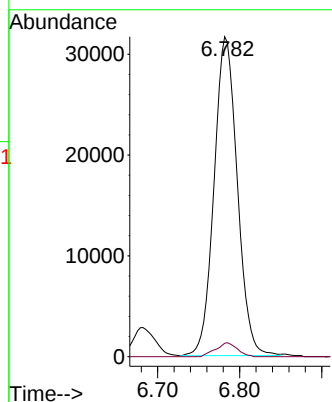
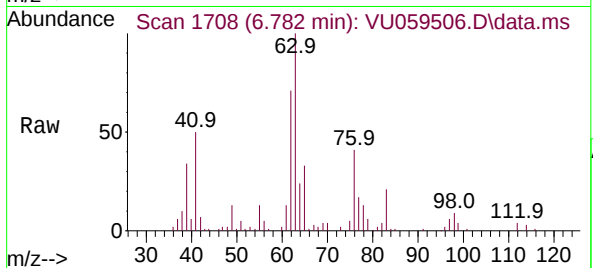




#37
1,2-Dichloropropane
Concen: 5.430 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU059506.D
Acq: 26 Jun 2024 05:43

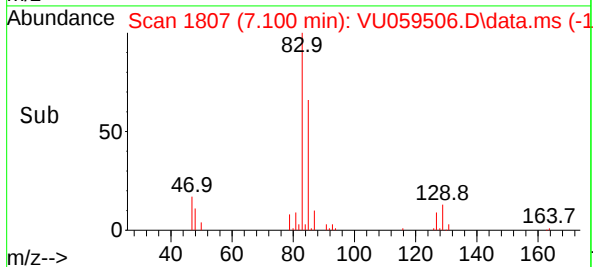
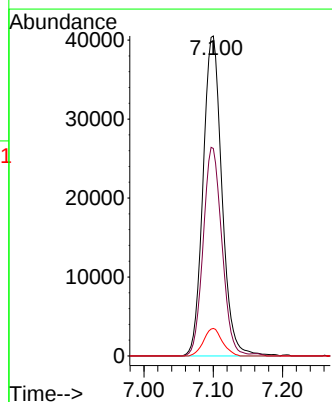
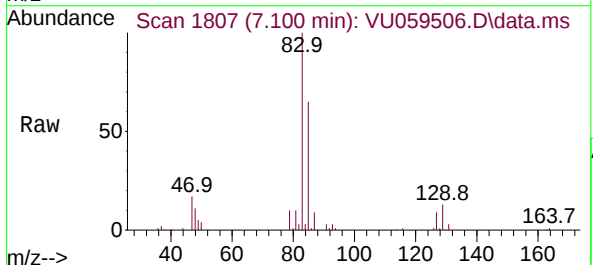
Instrument :
MSVOA_U
ClientSampleId :

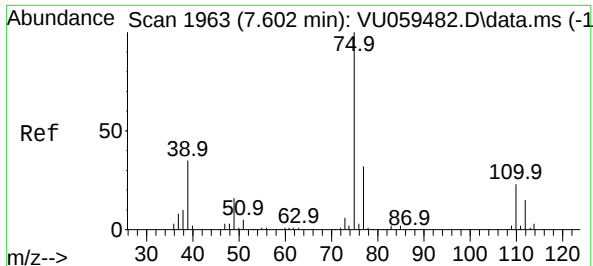
Tgt Ion: 63 Resp: 62418
Ion Ratio Lower Upper
63 100
112 4.0 2.6 3.8#



#38
Bromodichloromethane
Concen: 5.344 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU059506.D
Acq: 26 Jun 2024 05:43

Tgt Ion: 83 Resp: 76681
Ion Ratio Lower Upper
83 100
85 64.9 42.7 79.3
127 8.6 6.1 9.1

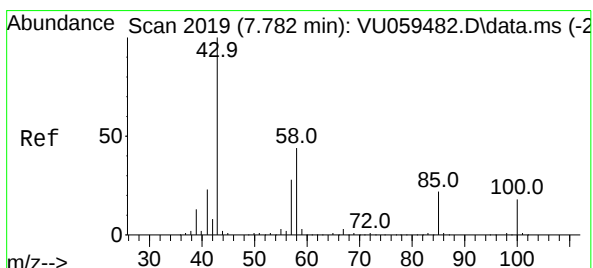
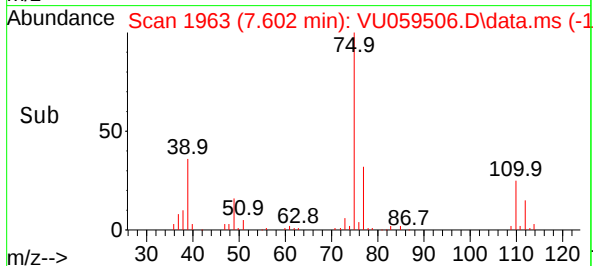
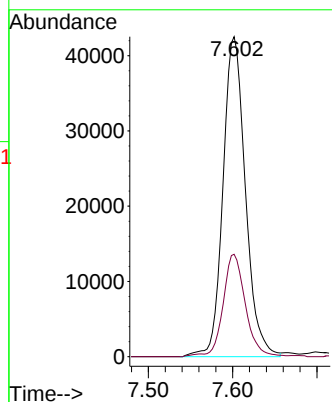
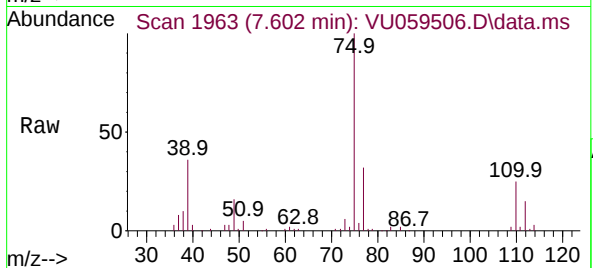




#39
 cis-1,3-Dichloropropene
 Concen: 4.995 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU059506.D
 Acq: 26 Jun 2024 05:43

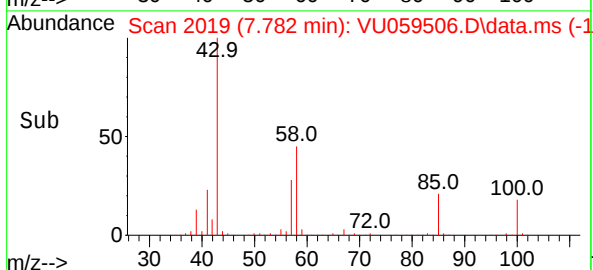
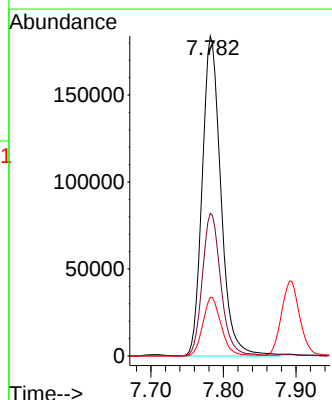
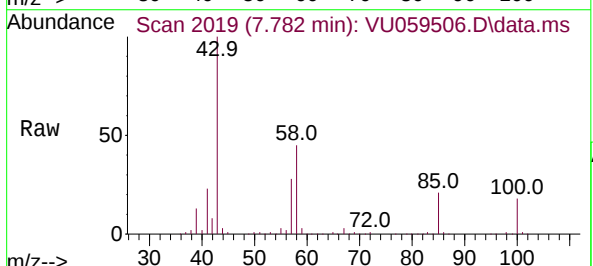
Instrument :
 MSVOA_U
 ClientSampleId :

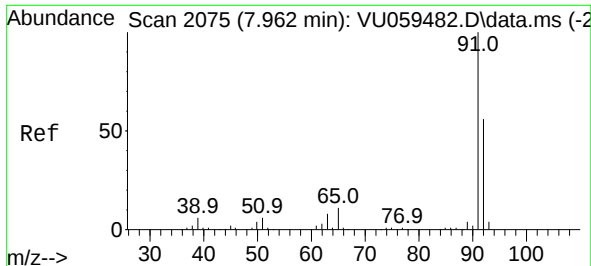
Tgt Ion: 75 Resp: 78530
 Ion Ratio Lower Upper
 75 100
 77 32.0 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 61.769 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VU059506.D
 Acq: 26 Jun 2024 05:43

Tgt Ion: 43 Resp: 329042
 Ion Ratio Lower Upper
 43 100
 58 44.3 34.0 51.0
 100 18.0 12.1 18.1





#42

Toluene

Concen: 5.465 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU059506.D

Acq: 26 Jun 2024 05:43

Instrument :

MSVOA_U

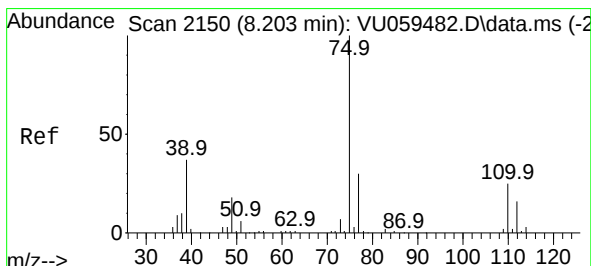
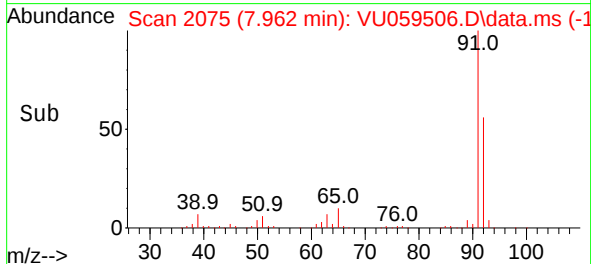
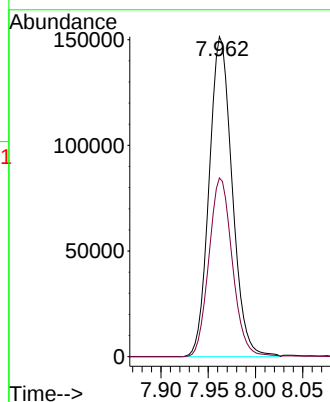
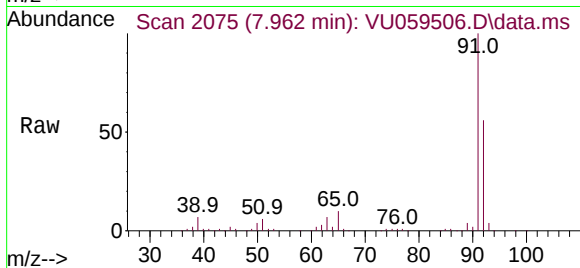
ClientSampleId :

Tgt Ion: 91 Resp: 257008

Ion Ratio Lower Upper

91 100

92 55.8 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 5.211 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU059506.D

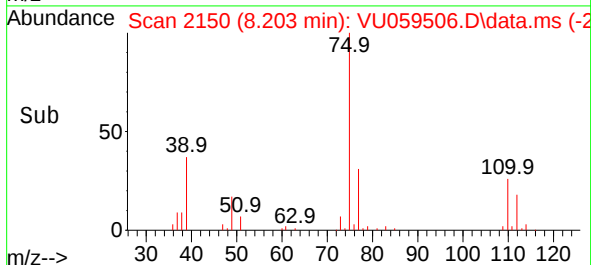
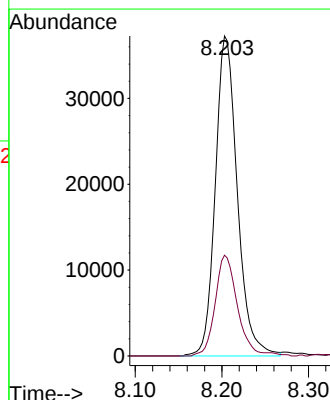
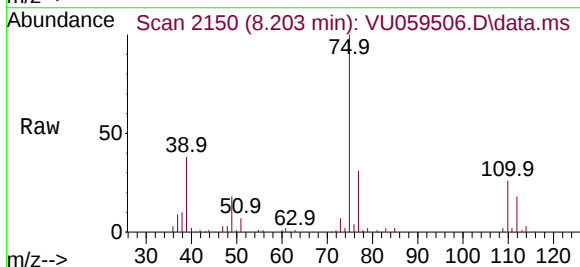
Acq: 26 Jun 2024 05:43

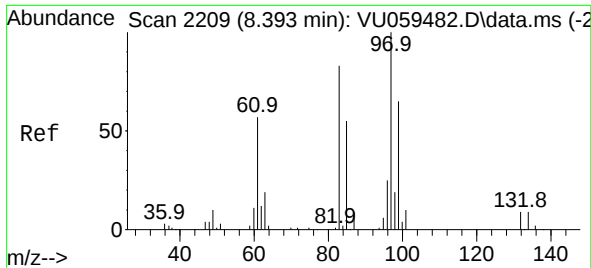
Tgt Ion: 75 Resp: 65757

Ion Ratio Lower Upper

75 100

77 31.5 22.0 41.0

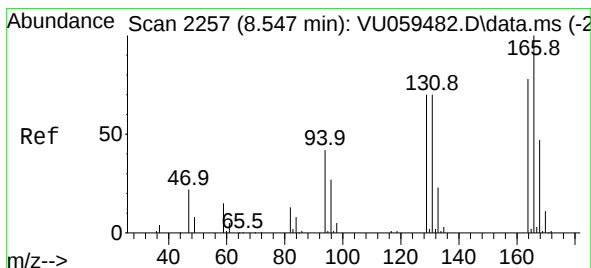
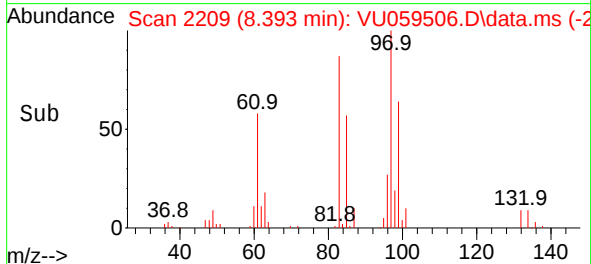
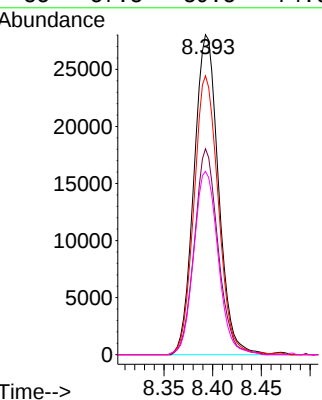
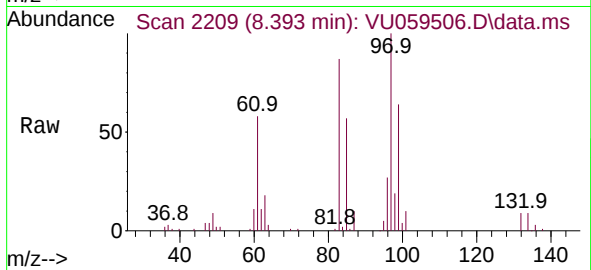




#45
1,1,2-Trichloroethane
Concen: 5.794 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU059506.D
Acq: 26 Jun 2024 05:43

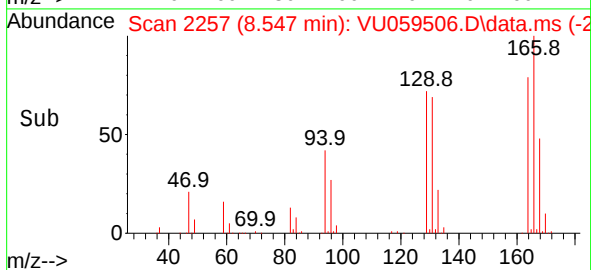
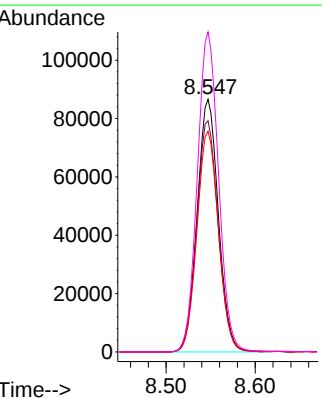
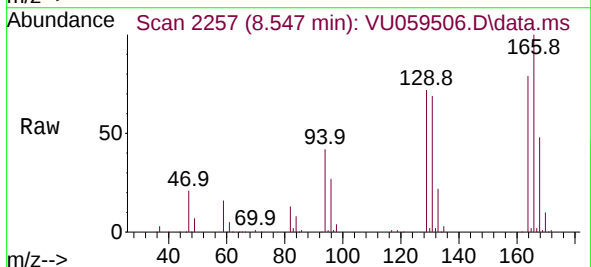
Instrument :
MSVOA_U
ClientSampleId :

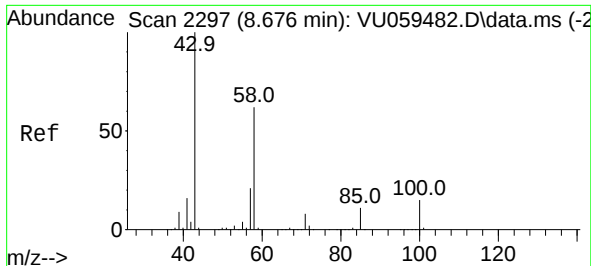
Tgt Ion:	97	Resp:	49081
Ion	Ratio	Lower	Upper
97	100		
99	64.3	43.3	80.3
83	87.2	62.3	115.7
85	57.3	39.8	74.0



#47
Tetrachloroethene
Concen: 15.365 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU059506.D
Acq: 26 Jun 2024 05:43

Tgt Ion:	164	Resp:	143436
Ion	Ratio	Lower	Upper
164	100		
129	91.5	70.8	131.4
131	87.3	64.8	120.3
166	126.6	91.1	169.1





#48

2-Hexanone

Concen: 64.836 ug/L

RT: 8.676 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU059506.D

Acq: 26 Jun 2024 05:43

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43 Resp: 246494

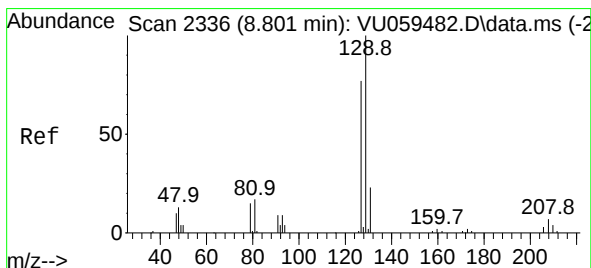
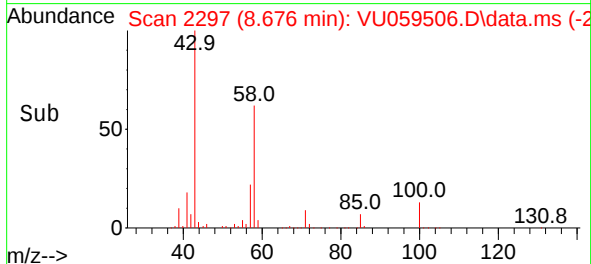
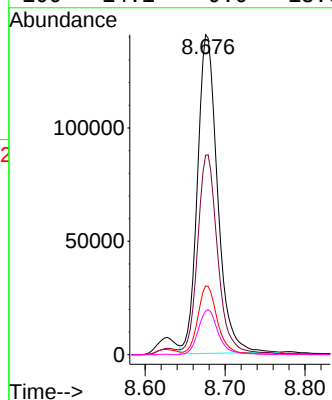
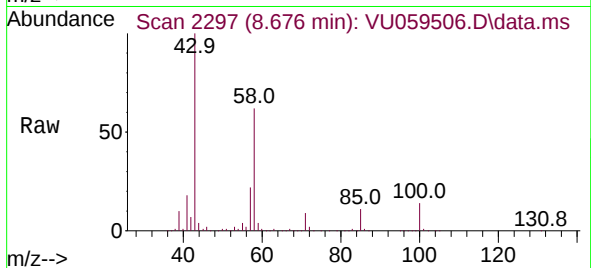
Ion Ratio Lower Upper

43 100

58 62.9 46.1 69.1

57 20.8 15.5 23.3

100 14.1 9.0 13.6#



#49

Dibromochloromethane

Concen: 5.536 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. 0.003 min

Lab File: VU059506.D

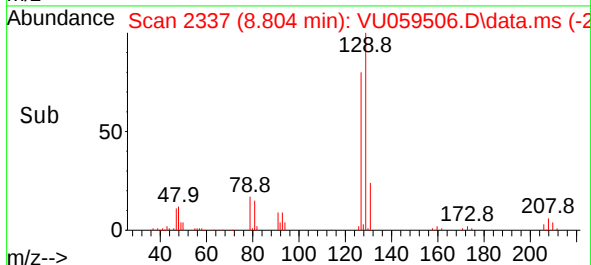
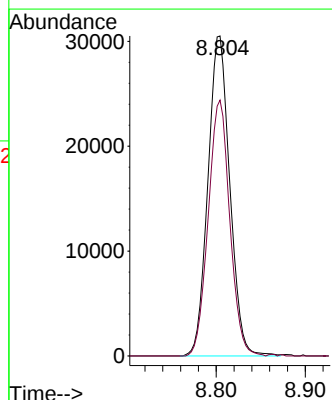
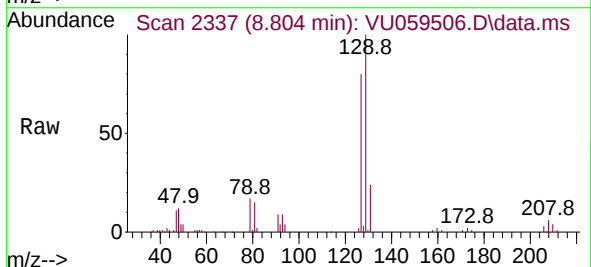
Acq: 26 Jun 2024 05:43

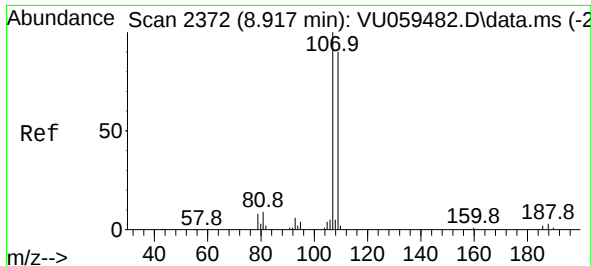
Tgt Ion:129 Resp: 51950

Ion Ratio Lower Upper

129 100

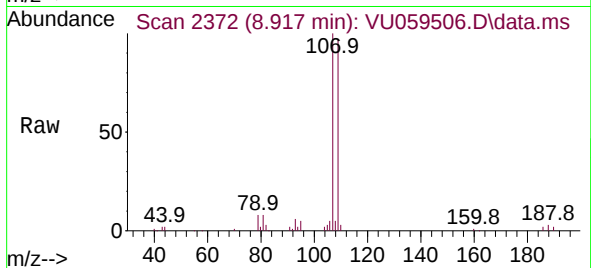
127 79.9 52.5 97.5



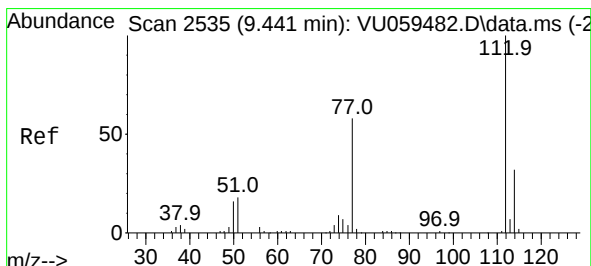
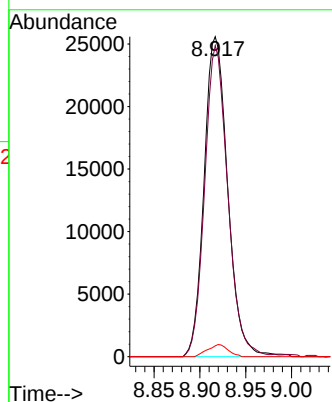
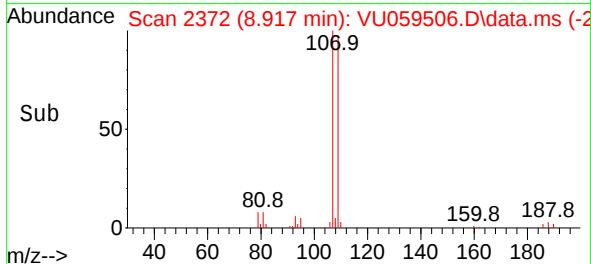


#50
1,2-Dibromoethane
Concen: 5.852 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU059506.D
Acq: 26 Jun 2024 05:43

Instrument :
MSVOA_U
ClientSampleId :

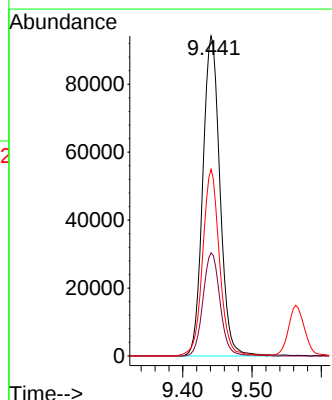
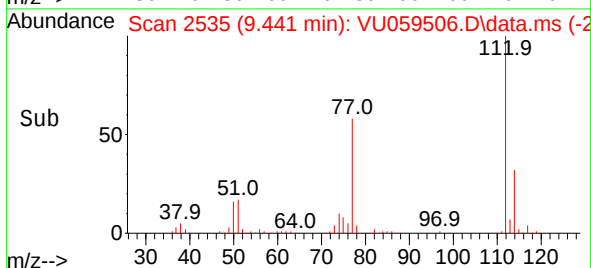
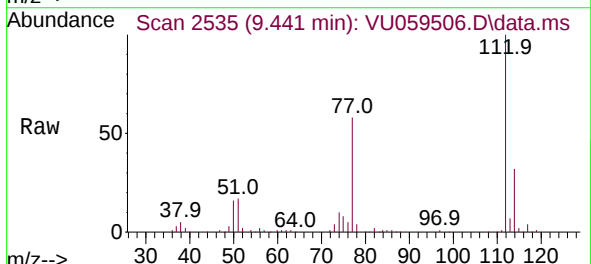


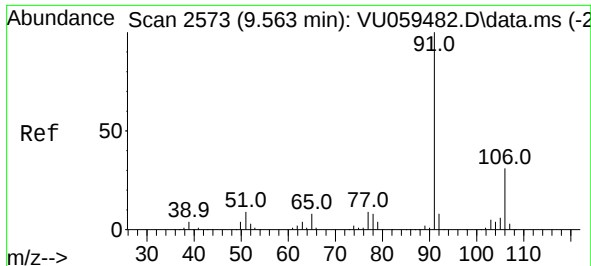
Tgt Ion:107 Resp: 45782
Ion Ratio Lower Upper
107 100
109 97.2 66.9 124.3
188 3.4 2.7 4.1



#51
Chlorobenzene
Concen: 5.425 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU059506.D
Acq: 26 Jun 2024 05:43

Tgt Ion:112 Resp: 161820
Ion Ratio Lower Upper
112 100
114 32.2 22.4 41.6
77 58.3 49.1 73.7





#52

Ethylbenzene

Concen: 5.334 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. 0.000 min

Lab File: VU059506.D

Acq: 26 Jun 2024 05:43

Instrument :

MSVOA_U

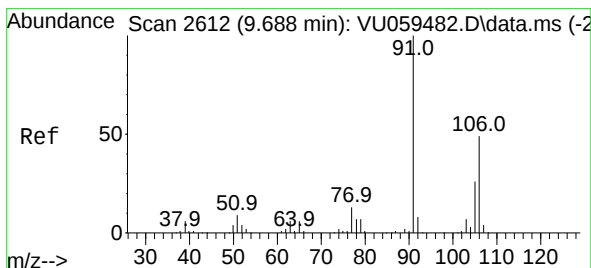
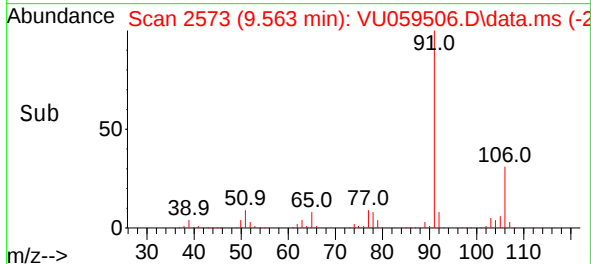
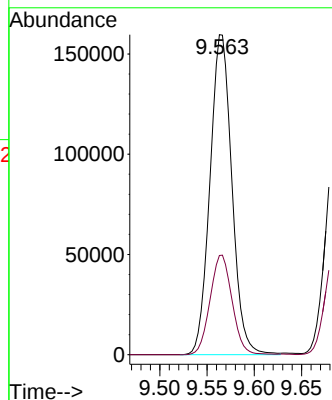
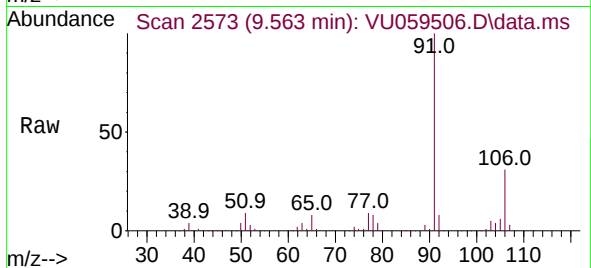
ClientSampleId :

Tgt Ion: 91 Resp: 257351

Ion Ratio Lower Upper

91 100

106 31.0 20.9 38.7



#53

m,p-Xylene

Concen: 5.424 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. -0.000 min

Lab File: VU059506.D

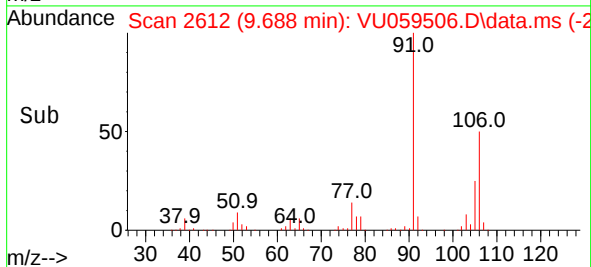
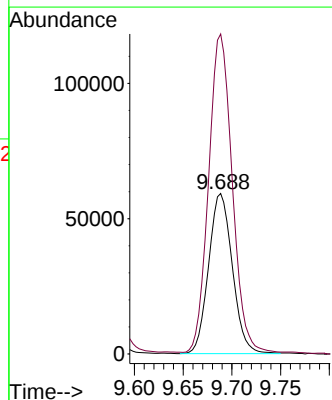
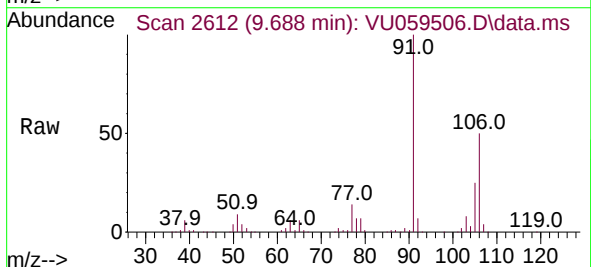
Acq: 26 Jun 2024 05:43

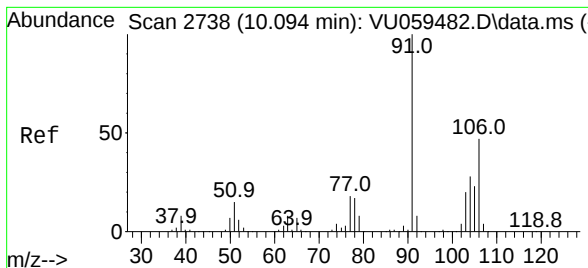
Tgt Ion:106 Resp: 100504

Ion Ratio Lower Upper

106 100

91 199.3 142.0 263.8

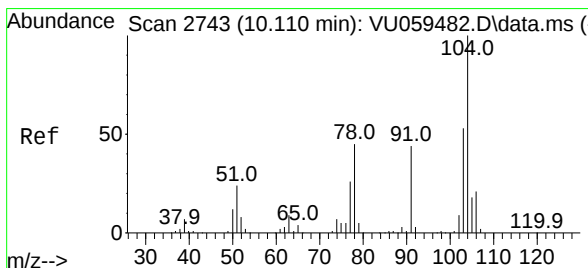
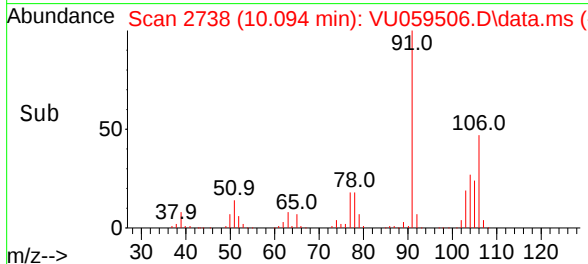
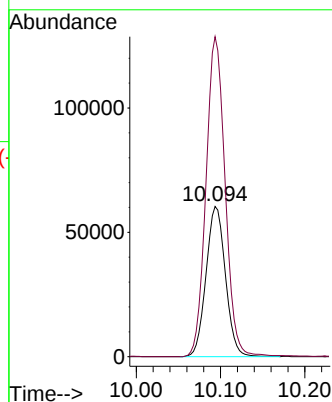
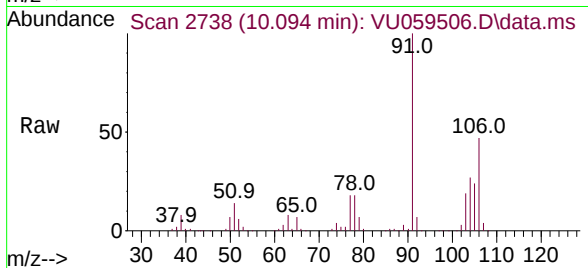




#54
o-Xylene
Concen: 5.512 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU059506.D
Acq: 26 Jun 2024 05:43

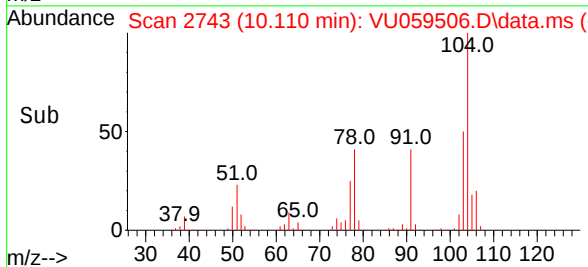
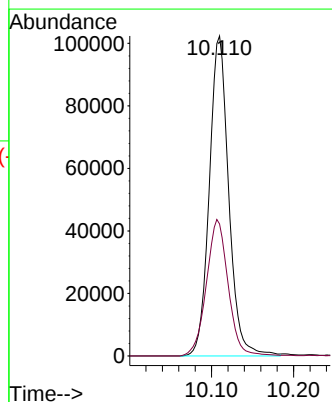
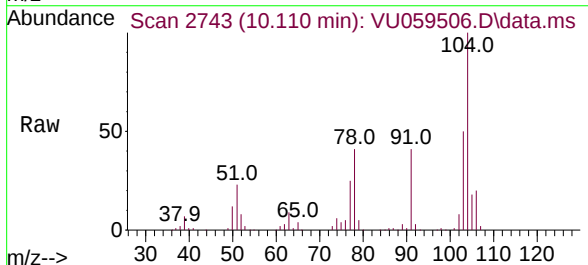
Instrument :
MSVOA_U
ClientSampleId :

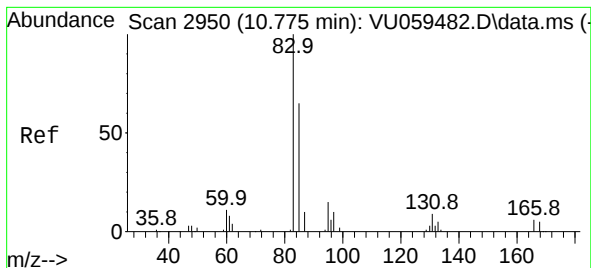
Tgt Ion:106 Resp: 96936
Ion Ratio Lower Upper
106 100
91 213.0 151.6 281.6



#55
Styrene
Concen: 5.641 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU059506.D
Acq: 26 Jun 2024 05:43

Tgt Ion:104 Resp: 168871
Ion Ratio Lower Upper
104 100
78 41.3 32.3 60.1





#57

1,1,2,2-Tetrachloroethane

Concen: 6.078 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU059506.D

Acq: 26 Jun 2024 05:43

Instrument :

MSVOA_U

ClientSampleId :

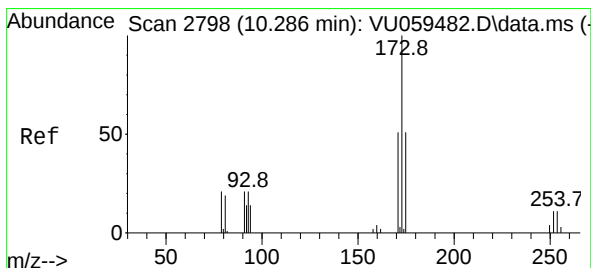
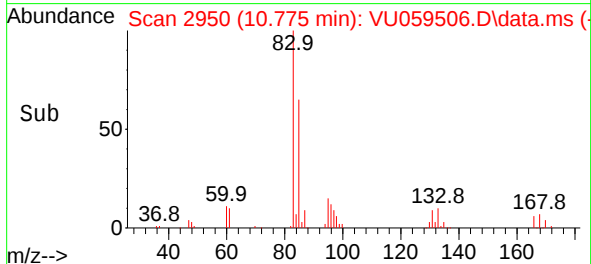
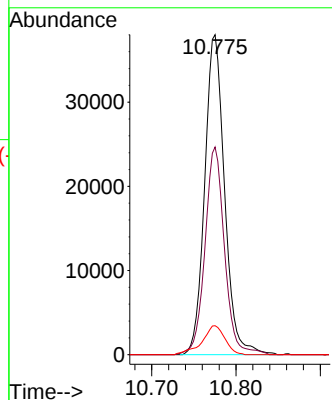
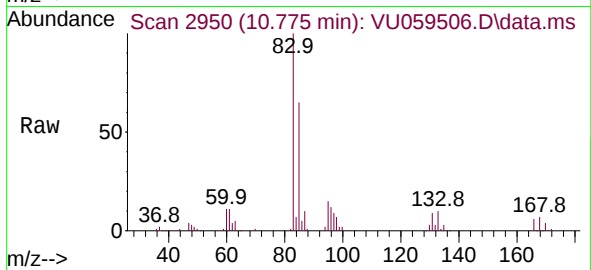
Tgt Ion: 83 Resp: 62462

Ion Ratio Lower Upper

83 100

85 64.9 44.7 82.9

131 9.0 6.9 10.3



#59

Bromoform

Concen: 5.631 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.003 min

Lab File: VU059506.D

Acq: 26 Jun 2024 05:43

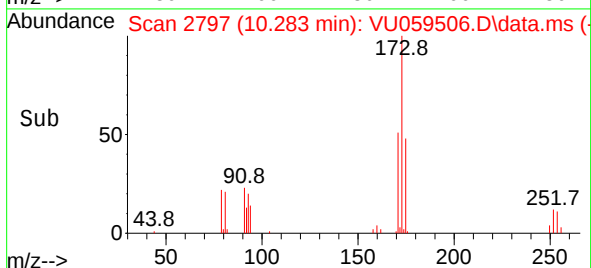
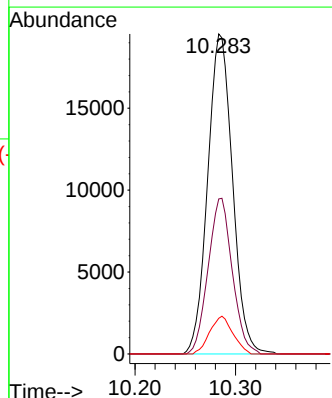
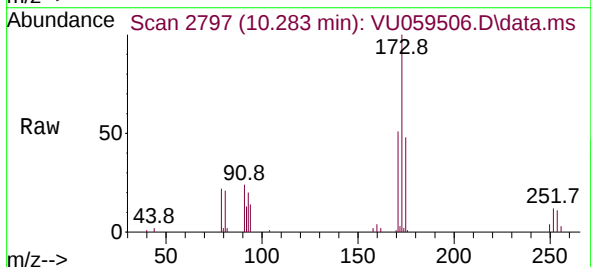
Tgt Ion:173 Resp: 33512

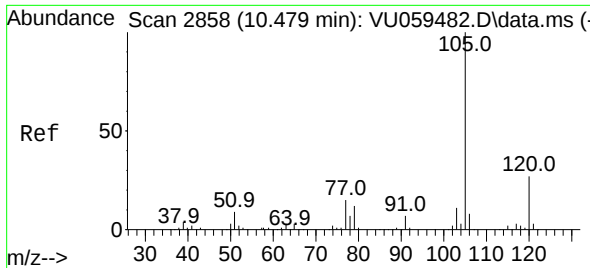
Ion Ratio Lower Upper

173 100

175 47.3 39.4 59.2

254 11.0 7.4 11.2

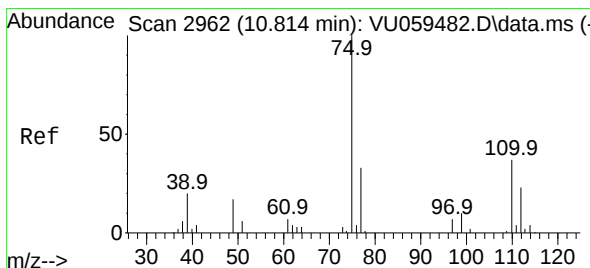
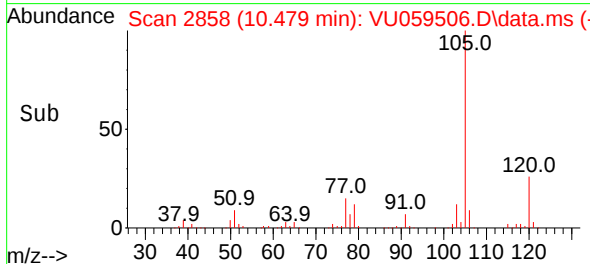
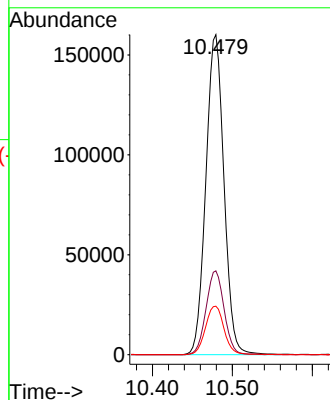
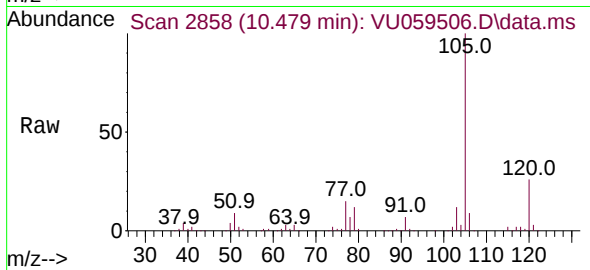




#60
Isopropylbenzene
Concen: 5.250 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU059506.D
Acq: 26 Jun 2024 05:43

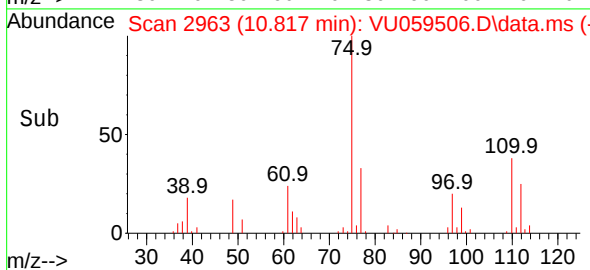
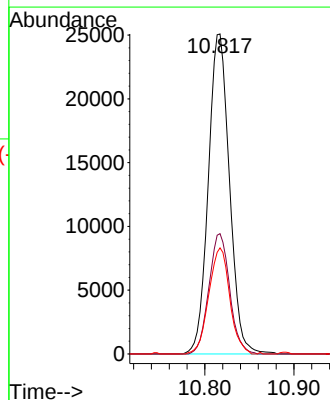
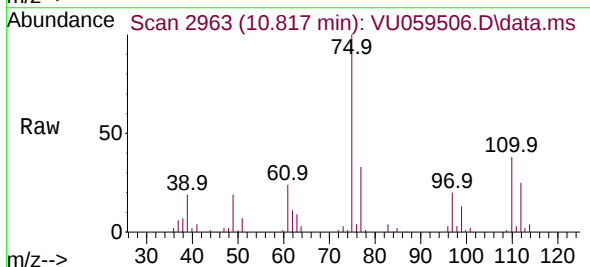
Instrument :
MSVOA_U
ClientSampleId :

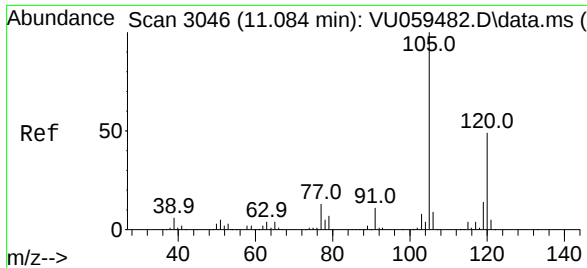
Tgt Ion:105 Resp: 252208
Ion Ratio Lower Upper
105 100
120 26.2 20.6 31.0
77 15.5 12.8 19.2



#61
1,2,3-Trichloropropane
Concen: 5.752 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU059506.D
Acq: 26 Jun 2024 05:43

Tgt Ion: 75 Resp: 41339
Ion Ratio Lower Upper
75 100
110 36.9 27.1 40.7
77 32.8 25.4 38.2





#62

1,3,5-Trimethylbenzene

Concen: 5.034 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU059506.D

Acq: 26 Jun 2024 05:43

Instrument :

MSVOA_U

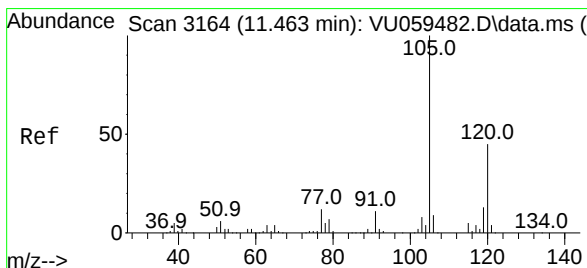
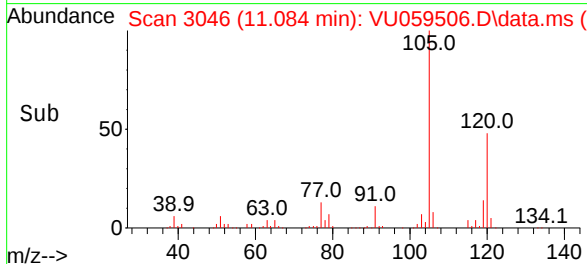
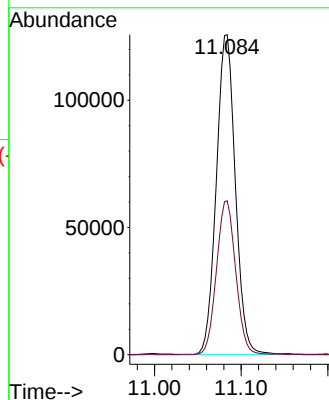
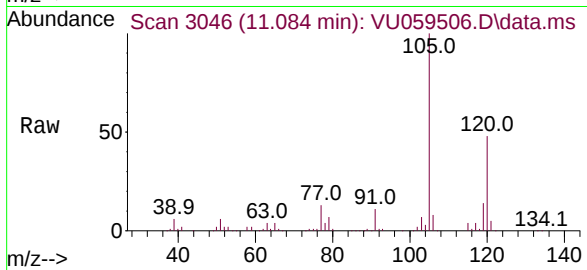
ClientSampleId :

Tgt Ion:105 Resp: 191608

Ion Ratio Lower Upper

105 100

120 48.7 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 5.297 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU059506.D

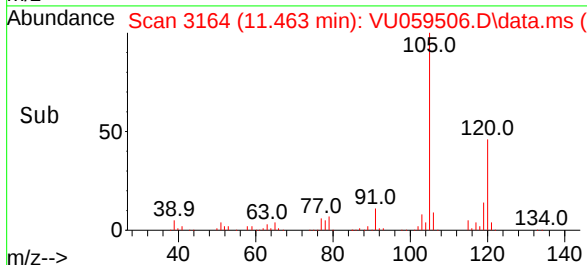
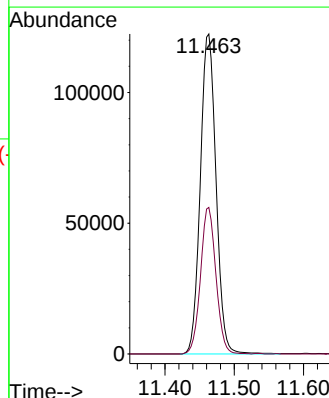
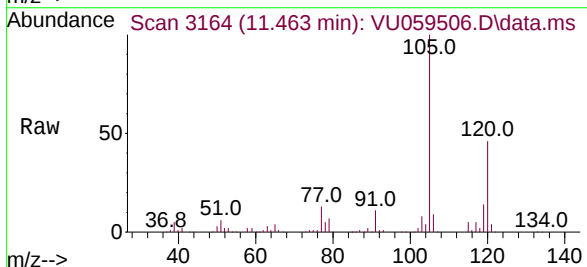
Acq: 26 Jun 2024 05:43

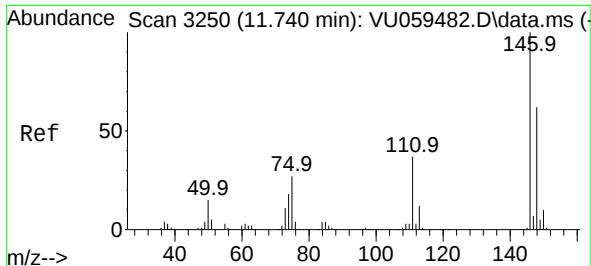
Tgt Ion:105 Resp: 192740

Ion Ratio Lower Upper

105 100

120 44.8 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 5.310 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. 0.000 min

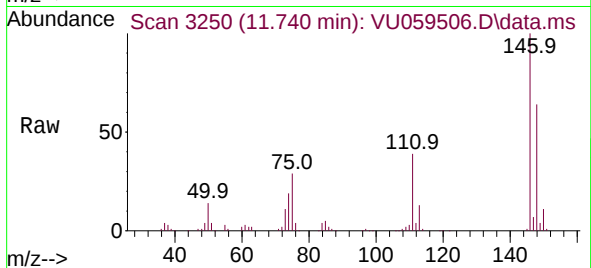
Lab File: VU059506.D

Acq: 26 Jun 2024 05:43

Instrument :

MSVOA_U

ClientSampleId :



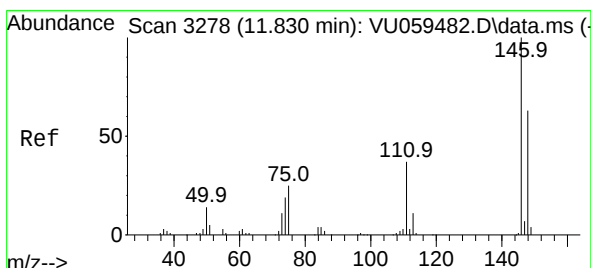
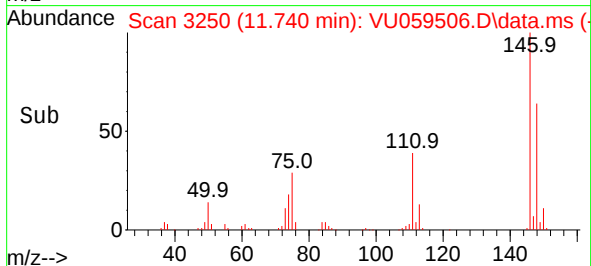
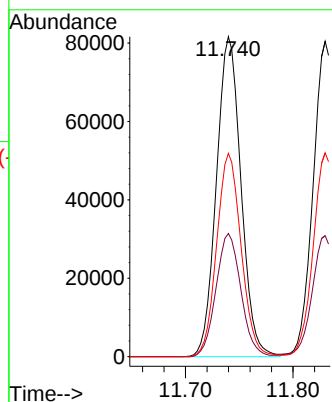
Tgt Ion:146 Resp: 129740

Ion Ratio Lower Upper

146 100

111 38.5 27.4 51.0

148 63.5 45.0 83.6



#65

1,4-Dichlorobenzene

Concen: 5.114 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU059506.D

Acq: 26 Jun 2024 05:43

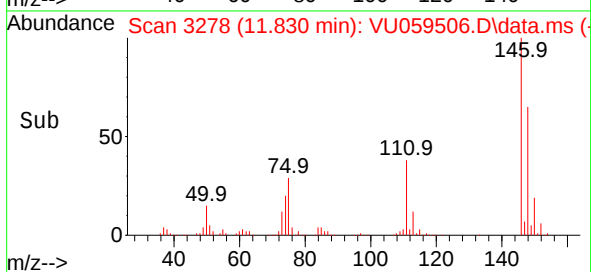
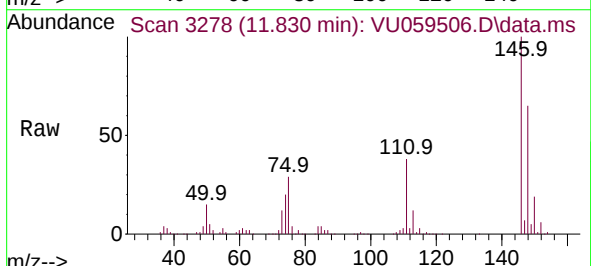
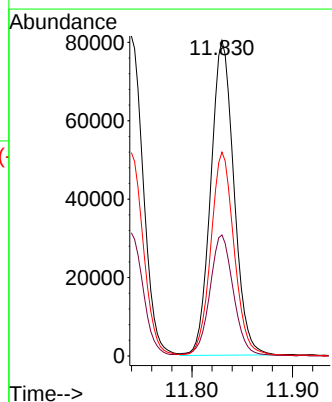
Tgt Ion:146 Resp: 128619

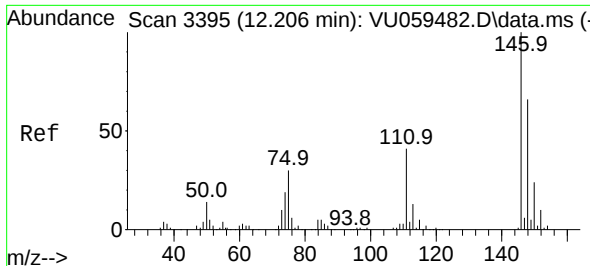
Ion Ratio Lower Upper

146 100

111 38.4 26.9 50.1

148 64.6 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.441 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU059506.D

Acq: 26 Jun 2024 05:43

Instrument :

MSVOA_U

ClientSampleId :

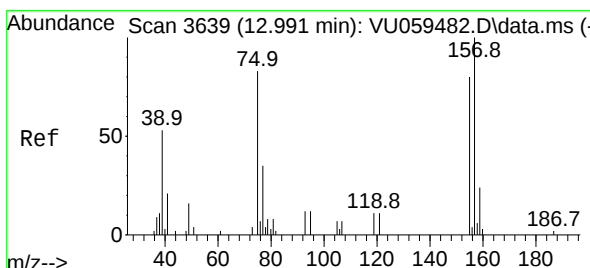
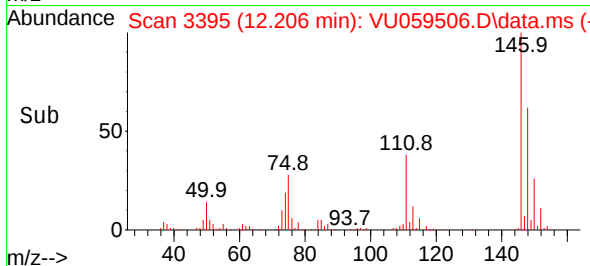
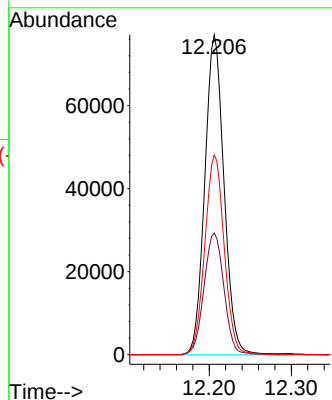
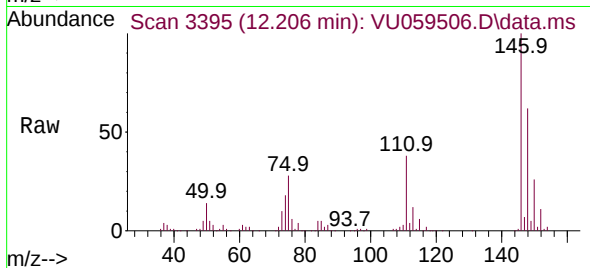
Tgt Ion:146 Resp: 125115

Ion Ratio Lower Upper

146 100

111 38.0 33.4 50.0

148 62.4 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 6.302 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU059506.D

Acq: 26 Jun 2024 05:43

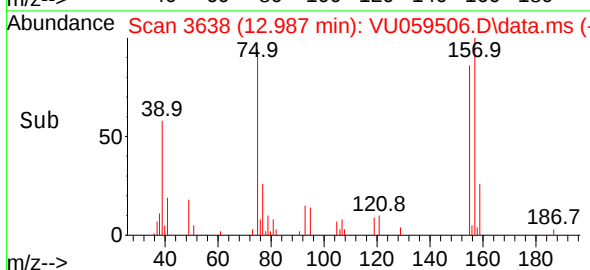
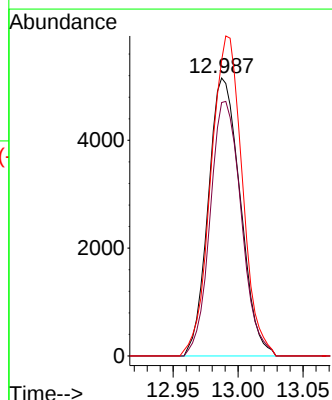
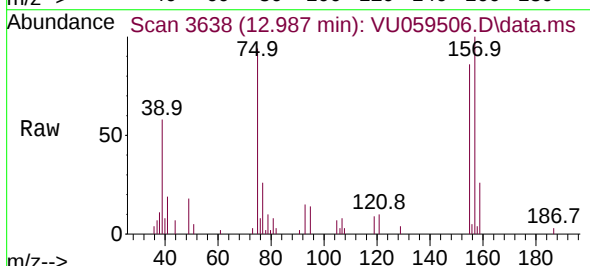
Tgt Ion: 75 Resp: 8834

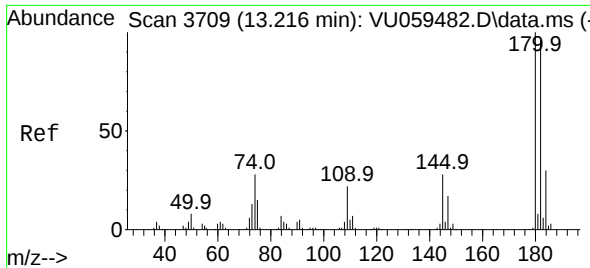
Ion Ratio Lower Upper

75 100

155 91.2 58.2 87.2#

157 106.4 80.0 120.0





#69

1,3,5-Trichlorobenzene

Concen: 5.075 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.003 min

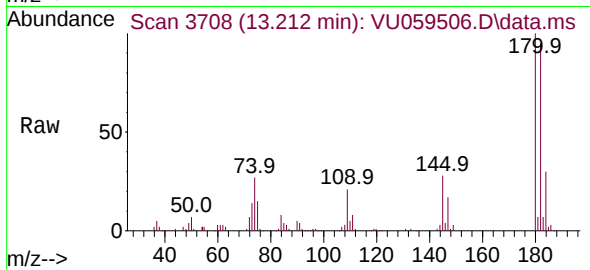
Lab File: VU059506.D

Acq: 26 Jun 2024 05:43

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 91794

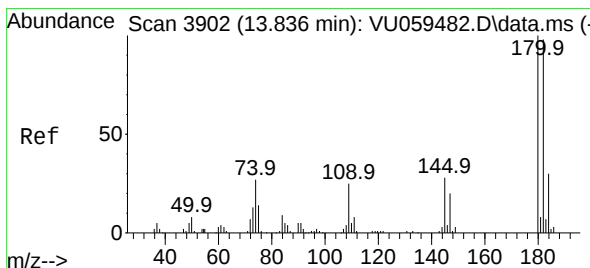
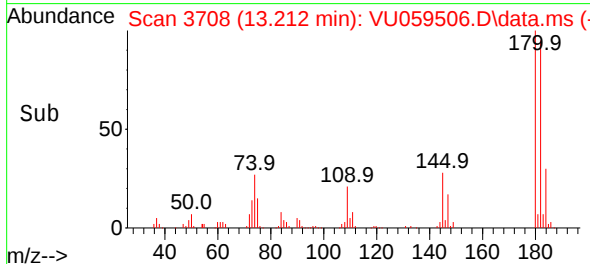
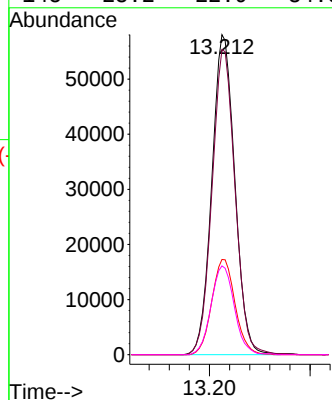
Ion Ratio Lower Upper

180 100

182 95.8 75.4 113.0

184 30.3 23.0 34.6

145 28.2 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 5.470 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.003 min

Lab File: VU059506.D

Acq: 26 Jun 2024 05:43

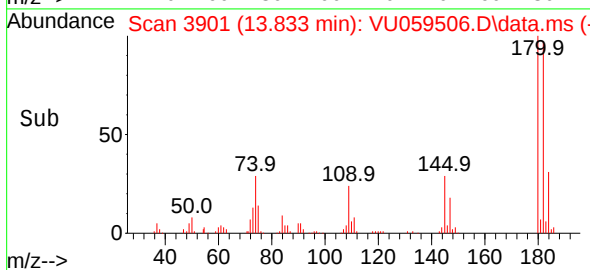
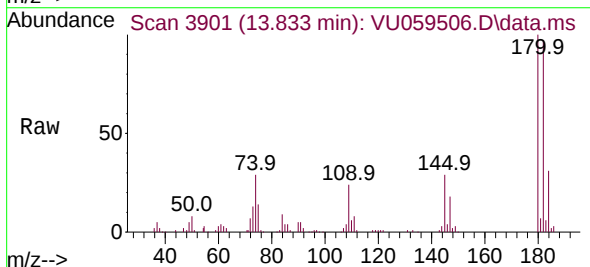
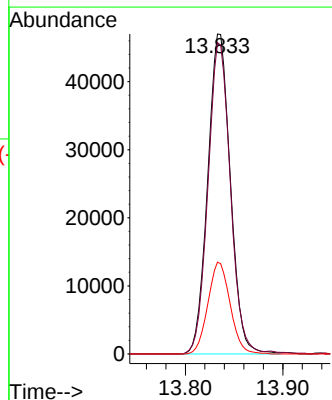
Tgt Ion:180 Resp: 75895

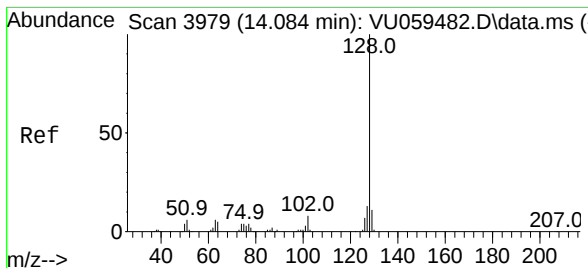
Ion Ratio Lower Upper

180 100

182 96.0 74.9 112.3

145 28.1 23.9 35.9





#71

Naphthalene

Concen: 6.300 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. 0.000 min

Lab File: VU059506.D

Acq: 26 Jun 2024 05:43

Instrument :

MSVOA_U

ClientSampleId :

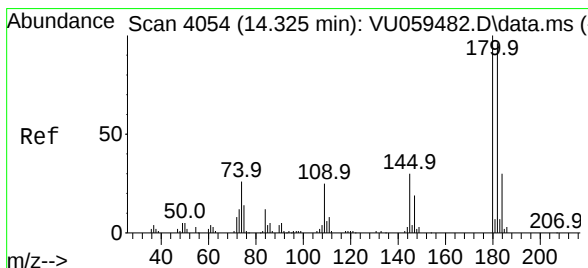
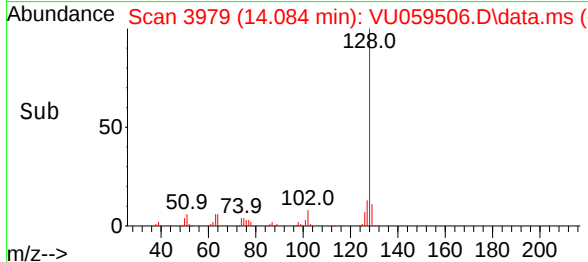
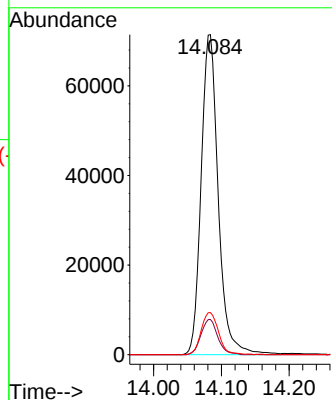
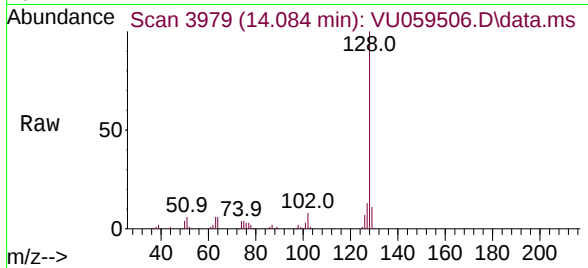
Tgt Ion:128 Resp: 125118

Ion Ratio Lower Upper

128 100

129 10.8 8.2 12.4

127 13.4 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 5.826 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.003 min

Lab File: VU059506.D

Acq: 26 Jun 2024 05:43

Tgt Ion:180 Resp: 75058

Ion Ratio Lower Upper

180 100

182 95.8 77.0 115.6

145 29.9 26.2 39.4

