

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062924\
 Data File : VU059667.D
 Acq On : 29 Jun 2024 09:45
 Operator : MD/SY
 Sample : P3068-10MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 30 22:39:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 29 01:51:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	150931	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	152024	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	78402	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	31419	2.994	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.800%
7) Chloroethane-d5	1.908	69	35804	3.546	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.000%
11) 1,1-Dichloroethene-d2	2.560	65	14180	3.257	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.200%
20) 2-Butanone-d5	4.621	46	107930	49.925	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.860%
24) Chloroform-d	5.055	84	94148	4.370	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	5.698	65	45712	4.405	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
32) Benzene-d6	5.721	84	179580	4.292	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	6.682	67	57247	4.465	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.891	98	160434	4.125	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
43) trans-1,3-Dichloroprop...	8.174	79	17566	4.376	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.628	63	91492	54.849	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.700%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	52404	4.947	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	62172	4.455	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	56811	4.442	ug/L	98
3) Chloromethane	1.515	50	65575	4.764	ug/L	100
5) Vinyl chloride	1.599	62	71777	4.721	ug/L	99
6) Bromomethane	1.853	94	45333	4.288	ug/L	96
8) Chloroethane	1.930	64	47472	5.182	ug/L	99
9) Trichlorofluoromethane	2.133	101	136257	7.444	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	49114	4.239	ug/L	93
12) 1,1-Dichloroethene	2.573	96	50813	4.747	ug/L	79
13) Acetone	2.634	43	68957	49.173	ug/L	91
14) Carbon disulfide	2.785	76	159422	4.464	ug/L	100
15) Methyl Acetate	2.949	43	14936	4.036	ug/L #	83
16) Methylene chloride	3.036	84	62016	4.889	ug/L	91
17) Methyl tert-butyl Ether	3.354	73	120822	5.238	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	53673	4.821	ug/L	94
19) 1,1-Dichloroethane	3.859	63	103647	5.049	ug/L	98
21) 2-Butanone	4.698	43	114606	50.952	ug/L	88
22) cis-1,2-Dichloroethene	4.657	96	61927	5.047	ug/L	94
23) Bromochloromethane	4.965	128	30227	5.403	ug/L #	87
25) Chloroform	5.078	83	111223	5.144	ug/L	97

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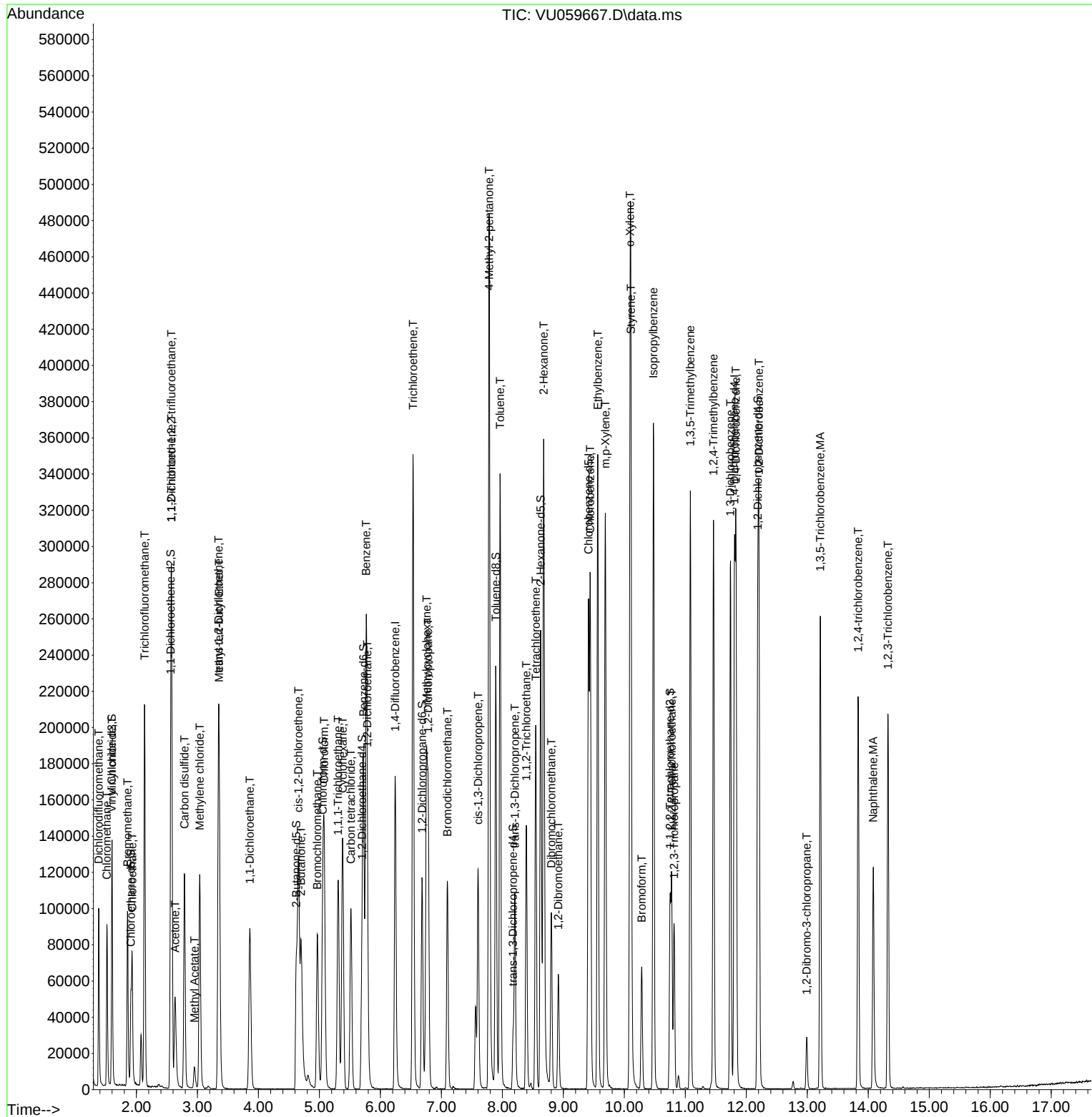
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	67318	5.138	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	85873	4.891	ug/L	98
30) Cyclohexane	5.380	56	64983	4.193	ug/L	94
31) Carbon tetrachloride	5.515	117	68960	4.691	ug/L	99
33) Benzene	5.766	78	236972	5.133	ug/L	100
34) Trichloroethene	6.534	95	122750	9.818	ug/L	96
35) Methylcyclohexane	6.756	83	69136	3.886	ug/L	96
37) 1,2-Dichloropropane	6.782	63	61773	5.171	ug/L #	97
38) Bromodichloromethane	7.097	83	77155	5.174	ug/L	95
39) cis-1,3-Dichloropropene	7.602	75	78479	4.803	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	293641	53.043	ug/L	94
42) Toluene	7.962	91	253836	5.193	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	64901	4.949	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	46494	5.281	ug/L	98
47) Tetrachloroethene	8.547	164	46595	4.803	ug/L	95
48) 2-Hexanone	8.676	43	213556	54.052	ug/L #	94
49) Dibromochloromethane	8.801	129	50723	5.201	ug/L	97
50) 1,2-Dibromoethane	8.917	107	43666	5.371	ug/L	98
51) Chlorobenzene	9.441	112	157986	5.097	ug/L	96
52) Ethylbenzene	9.563	91	246319	4.913	ug/L	97
53) m,p-Xylene	9.689	106	96874	5.031	ug/L	98
54) o-Xylene	10.094	106	93044	5.091	ug/L	97
55) Styrene	10.110	104	158150	5.084	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.775	83	58657	5.492	ug/L	97
59) Bromoform	10.283	173	31917	5.319	ug/L #	99
60) Isopropylbenzene	10.476	105	235910	4.871	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	39008	5.384	ug/L	96
62) 1,3,5-Trimethylbenzene	11.081	105	179192	4.670	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	175895	4.795	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	125718	5.104	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	124266	4.901	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	119051	5.136	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	7886	5.580	ug/L	91
69) 1,3,5-Trichlorobenzene	13.213	180	87984	4.825	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	72131	5.157	ug/L	99
71) Naphthalene	14.081	128	110421	5.515	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	67659	5.209	ug/L	98

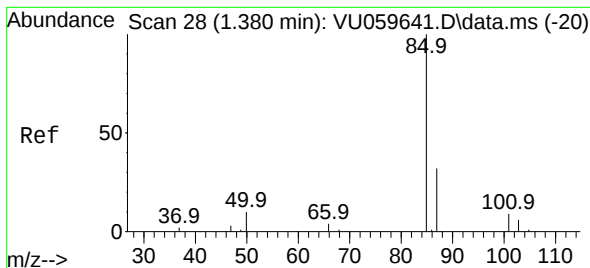
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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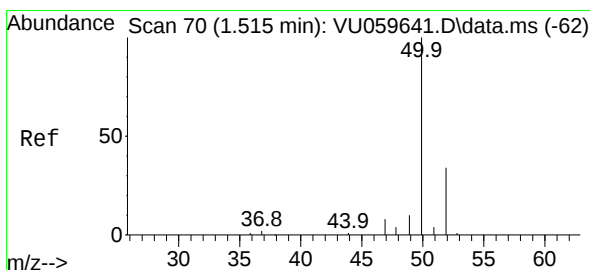
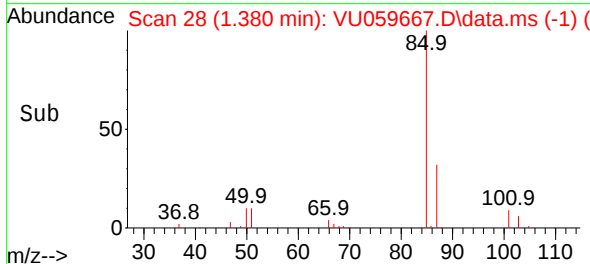
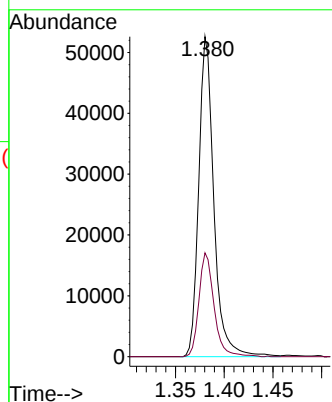
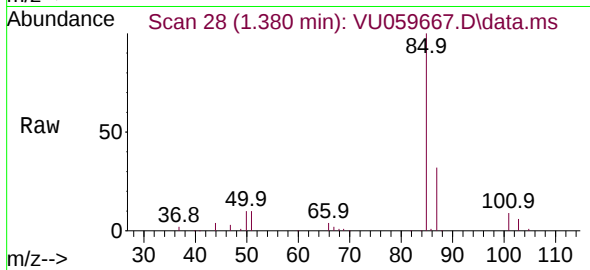




#2
 Dichlorodifluoromethane
 Concen: 4.442 ug/L
 RT: 1.380 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU059667.D
 Acq: 29 Jun 2024 09:45

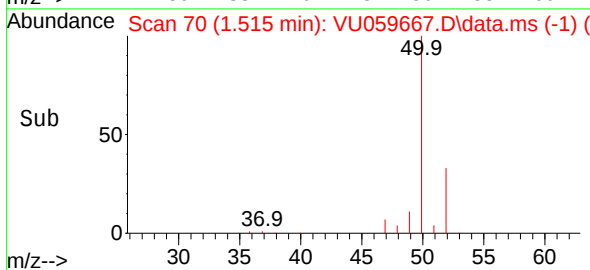
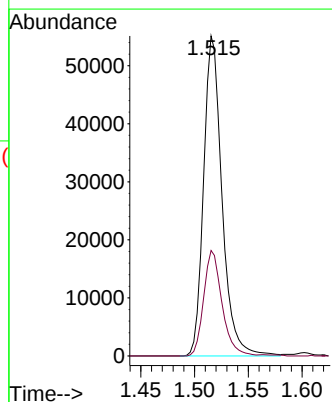
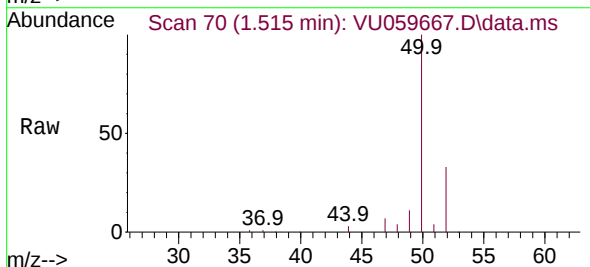
Instrument :
 MSVOA_U
 ClientSampleId :

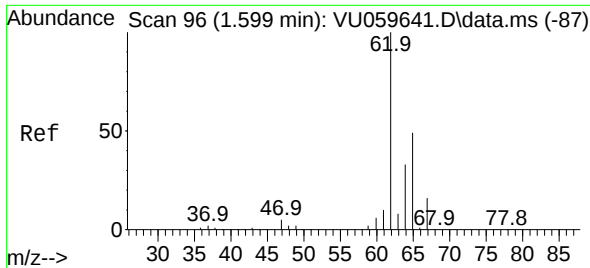
Tgt Ion: 85 Resp: 56811
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.6 40.0



#3
 Chloromethane
 Concen: 4.764 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU059667.D
 Acq: 29 Jun 2024 09:45

Tgt Ion: 50 Resp: 65575
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.2 43.0

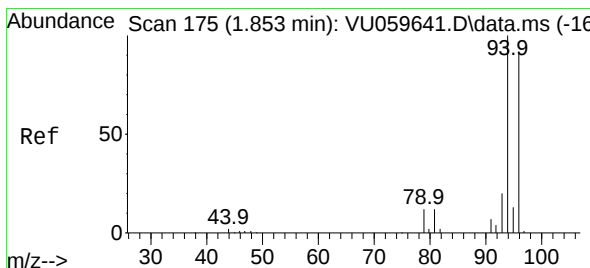
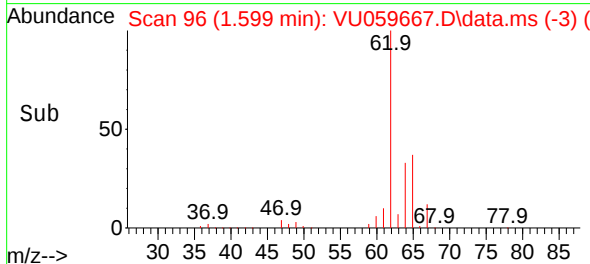
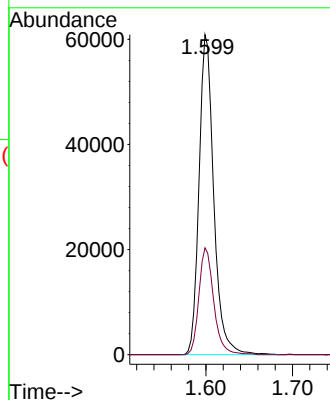
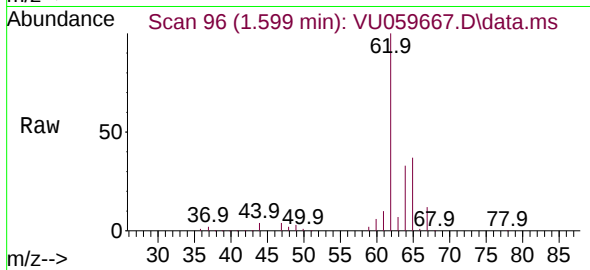




#5
 Vinyl chloride
 Concen: 4.721 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU059667.D
 Acq: 29 Jun 2024 09:45

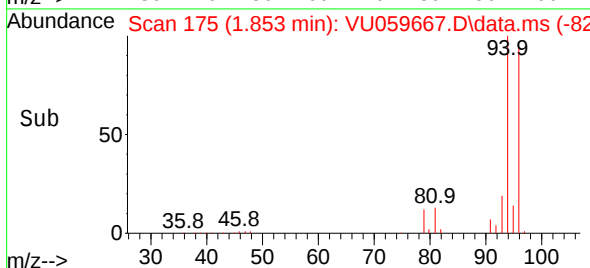
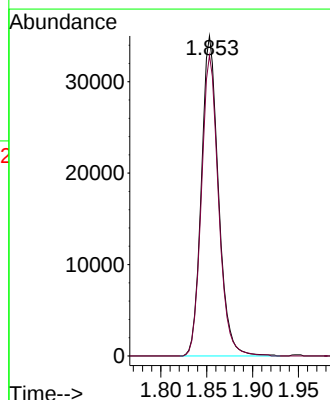
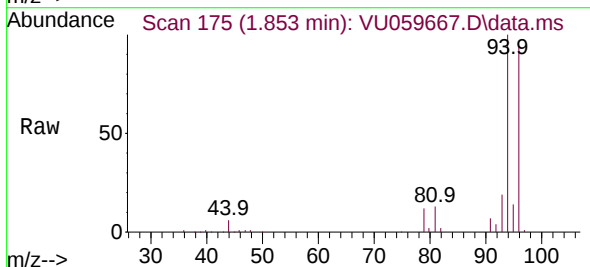
Instrument :
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 ClientSampleId :

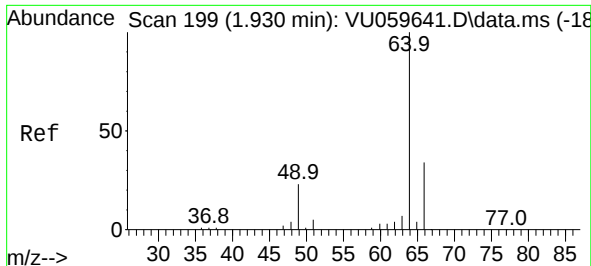
Tgt Ion: 62 Resp: 71777
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.1 42.9



#6
 Bromomethane
 Concen: 4.288 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.000 min
 Lab File: VU059667.D
 Acq: 29 Jun 2024 09:45

Tgt Ion: 94 Resp: 45333
 Ion Ratio Lower Upper
 94 100
 96 94.0 62.9 116.9

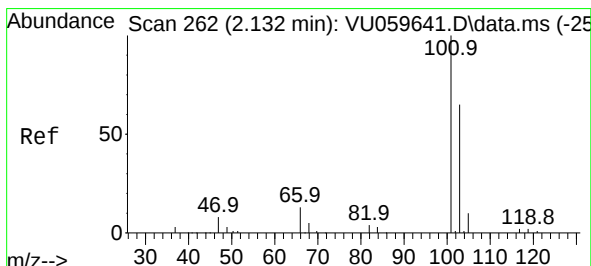
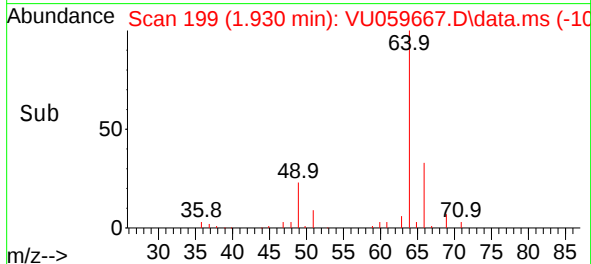
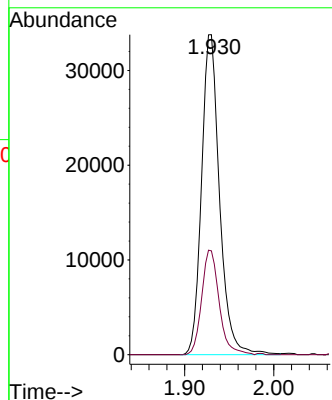
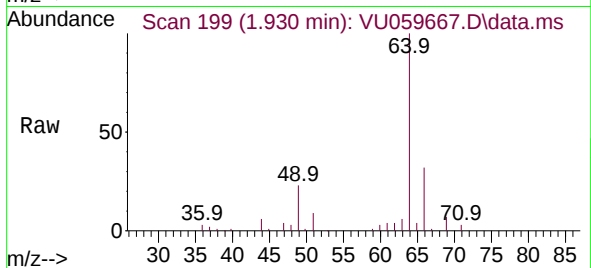




#8
Chloroethane
Concen: 5.182 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU059667.D
Acq: 29 Jun 2024 09:45

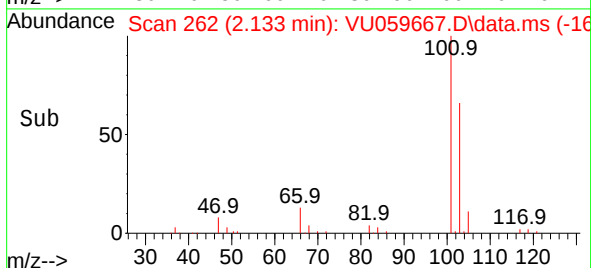
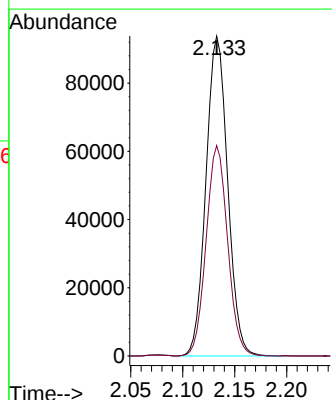
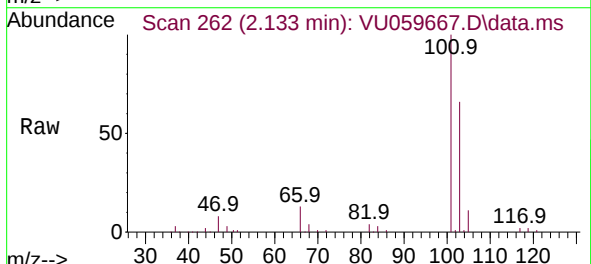
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ClientSampleId :

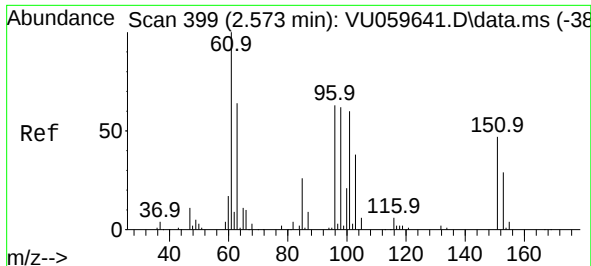
Tgt Ion: 64 Resp: 47472
Ion Ratio Lower Upper
64 100
66 32.4 23.2 43.2



#9
Trichlorofluoromethane
Concen: 7.444 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU059667.D
Acq: 29 Jun 2024 09:45

Tgt Ion:101 Resp: 136257
Ion Ratio Lower Upper
101 100
103 65.1 52.6 79.0

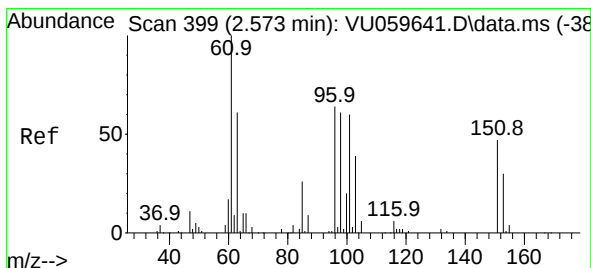
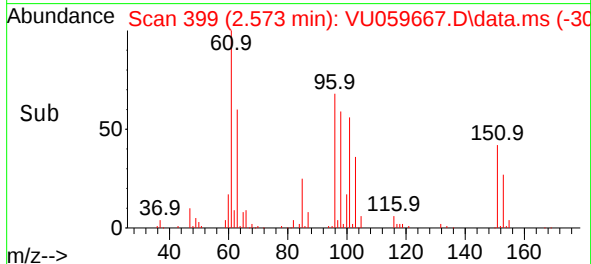
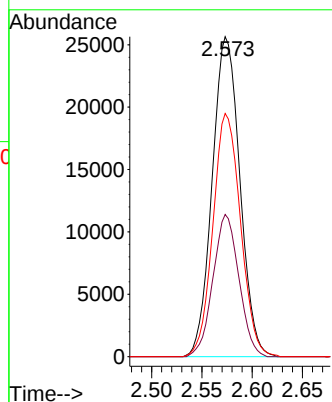
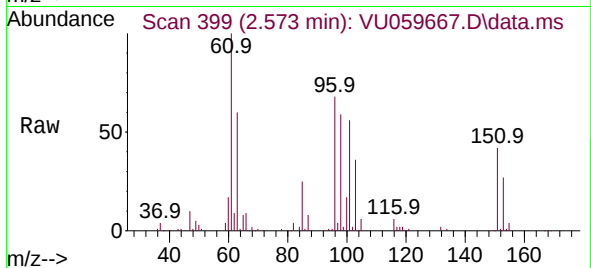




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.239 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU059667.D
 Acq: 29 Jun 2024 09:45

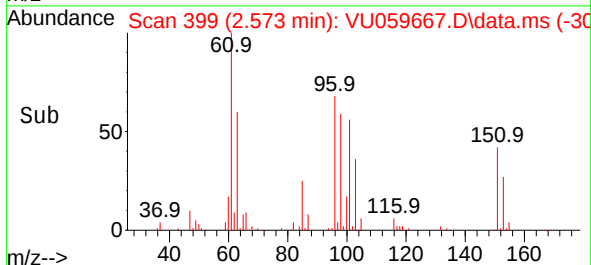
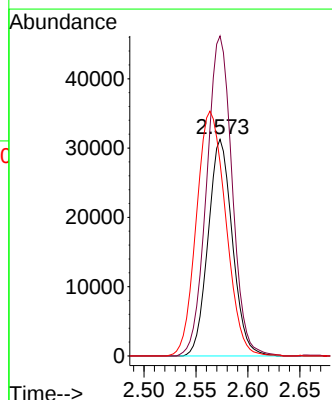
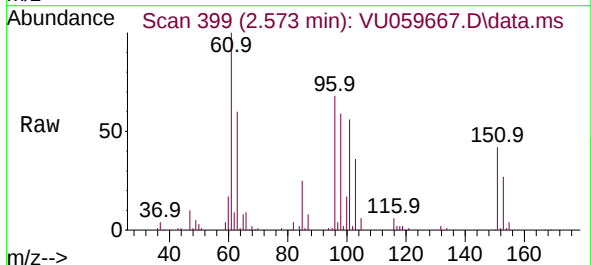
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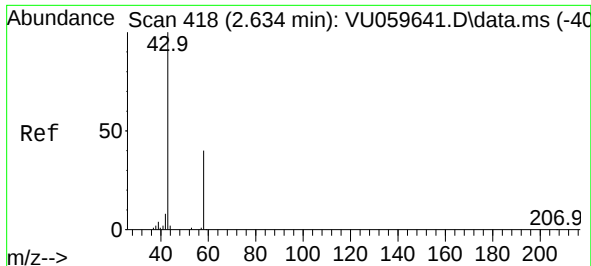
Tgt Ion:101 Resp: 49114
 Ion Ratio Lower Upper
 101 100
 85 41.7 36.2 54.4
 151 75.8 55.5 83.3



#12
 1,1-Dichloroethene
 Concen: 4.747 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU059667.D
 Acq: 29 Jun 2024 09:45

Tgt Ion: 96 Resp: 50813
 Ion Ratio Lower Upper
 96 100
 61 147.7 122.9 228.3
 63 89.3 80.4 149.4





#13

Acetone

Concen: 49.173 ug/L

RT: 2.634 min Scan# 418

Delta R.T. 0.000 min

Lab File: VU059667.D

Acq: 29 Jun 2024 09:45

Instrument :

MSVOA_U

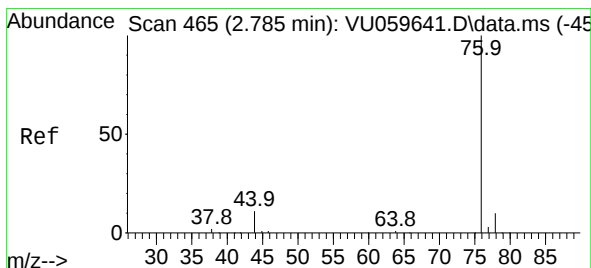
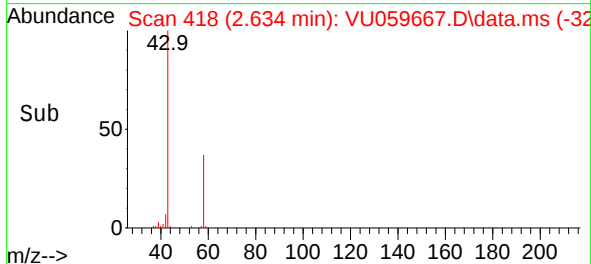
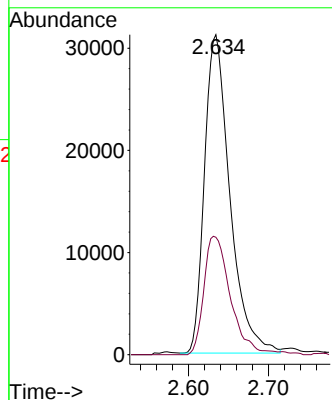
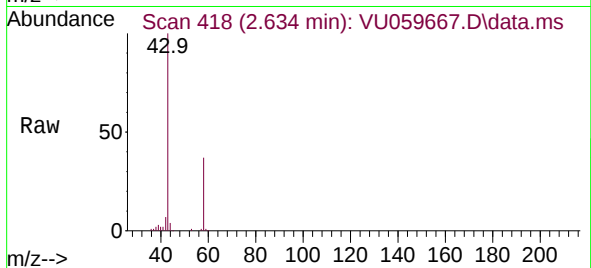
ClientSampleId :

Tgt Ion: 43 Resp: 68957

Ion Ratio Lower Upper

43 100

58 39.3 0.0 68.0



#14

Carbon disulfide

Concen: 4.464 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU059667.D

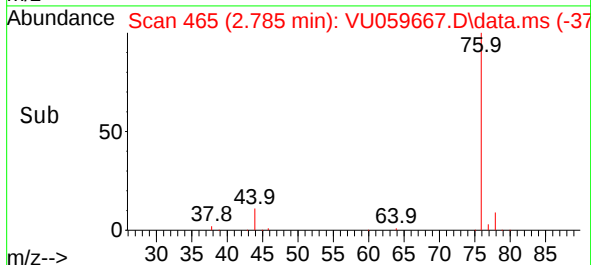
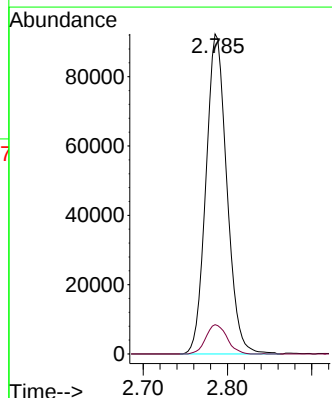
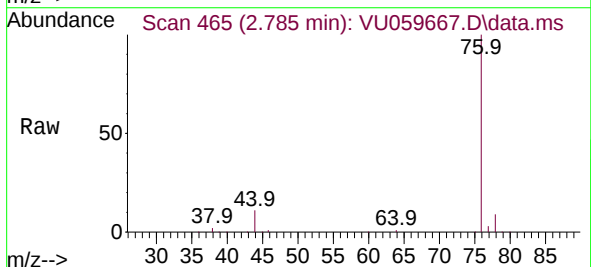
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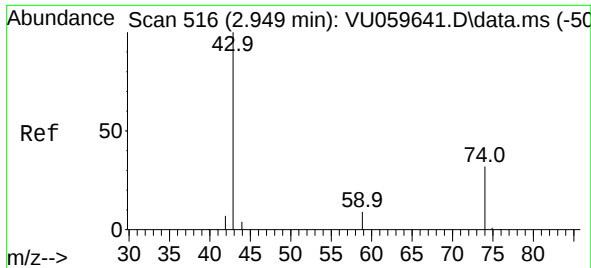
Tgt Ion: 76 Resp: 159422

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9





#15

Methyl Acetate

Concen: 4.036 ug/L

RT: 2.949 min Scan# 516

Delta R.T. 0.000 min

Lab File: VU059667.D

Acq: 29 Jun 2024 09:45

Instrument :

MSVOA_U

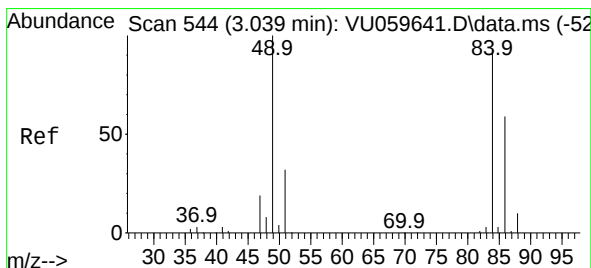
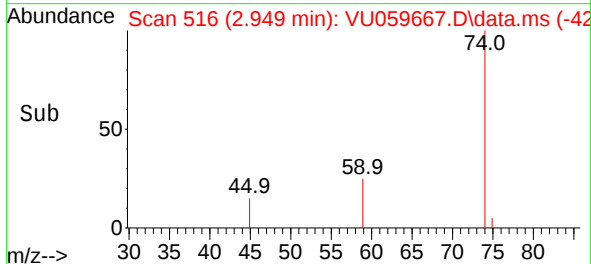
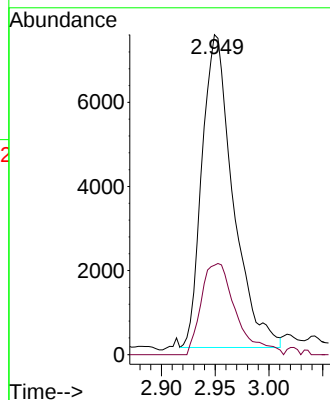
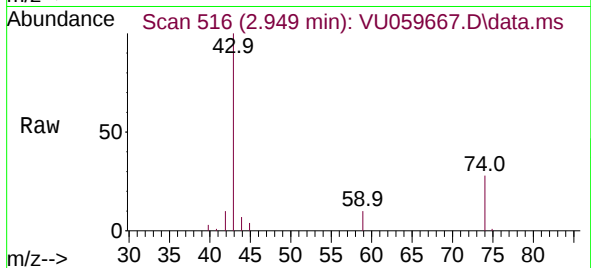
ClientSampleId :

Tgt Ion: 43 Resp: 14936

Ion Ratio Lower Upper

43 100

74 32.6 19.2 28.8#



#16

Methylene chloride

Concen: 4.889 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.003 min

Lab File: VU059667.D

Acq: 29 Jun 2024 09:45

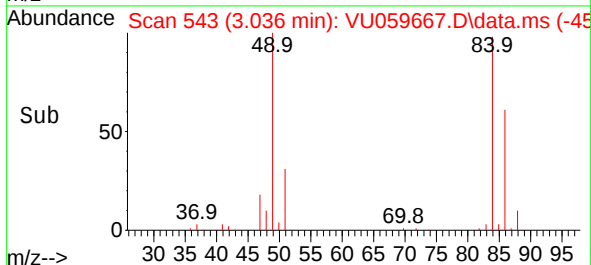
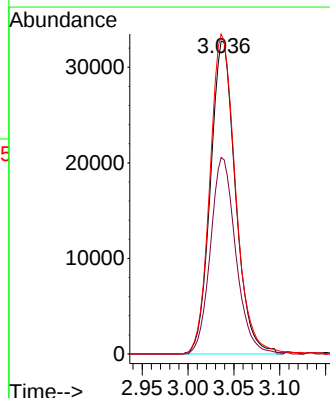
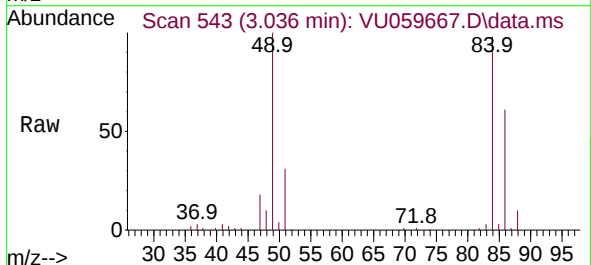
Tgt Ion: 84 Resp: 62016

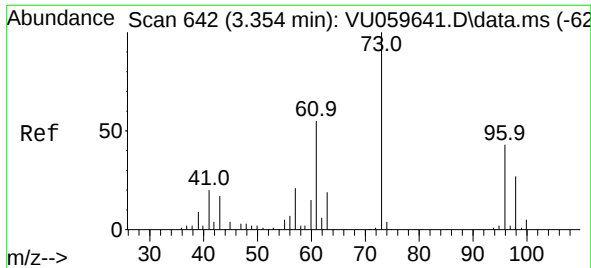
Ion Ratio Lower Upper

84 100

86 62.8 42.1 78.1

49 102.2 80.6 149.8

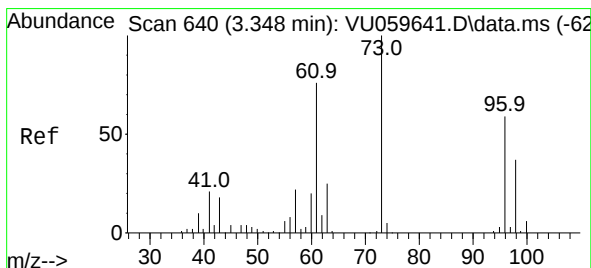
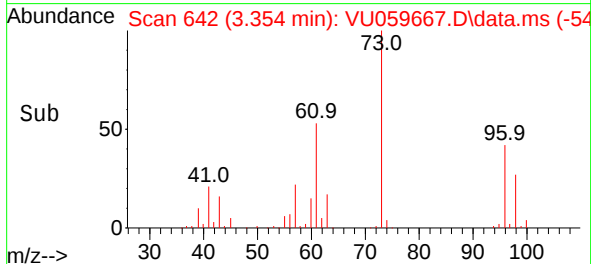
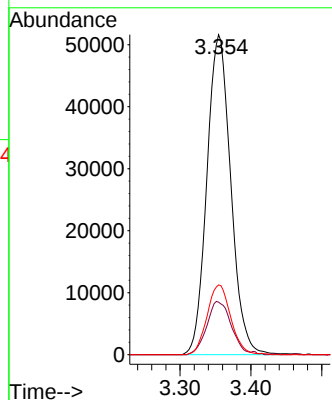
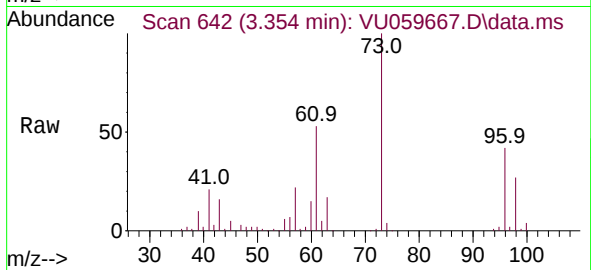




#17
Methyl tert-butyl Ether
Concen: 5.238 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU059667.D
Acq: 29 Jun 2024 09:45

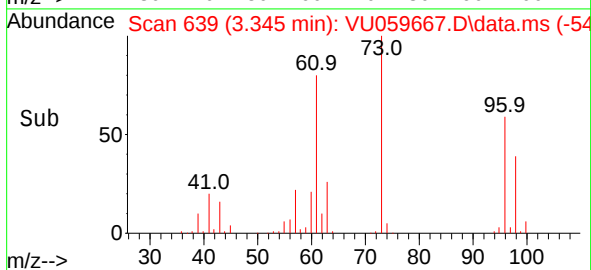
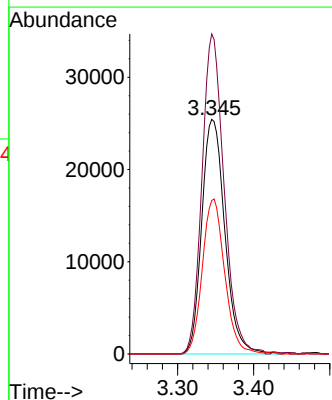
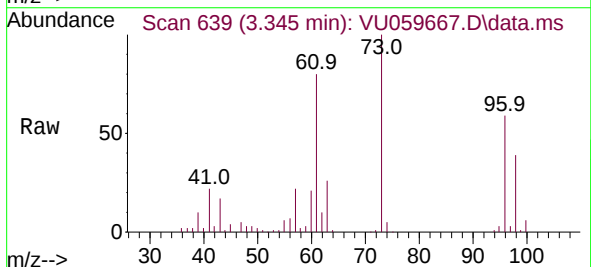
Instrument :
MSVOA_U
ClientSampleId :

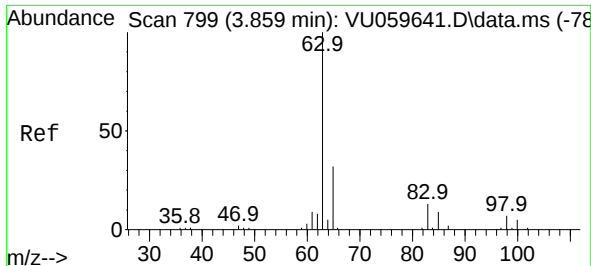
Tgt Ion: 73 Resp: 120822
Ion Ratio Lower Upper
73 100
43 17.0 14.9 22.3
57 21.6 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 4.821 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU059667.D
Acq: 29 Jun 2024 09:45

Tgt Ion: 96 Resp: 53673
Ion Ratio Lower Upper
96 100
61 136.4 101.8 189.0
98 65.4 43.3 80.5





#19

1,1-Dichloroethane

Concen: 5.049 ug/L

RT: 3.859 min Scan# 799

Delta R.T. 0.000 min

Lab File: VU059667.D

Acq: 29 Jun 2024 09:45

Instrument :

MSVOA_U

ClientSampleId :

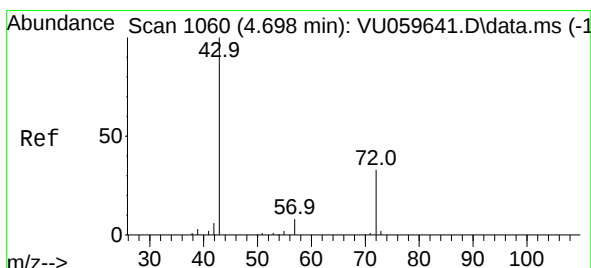
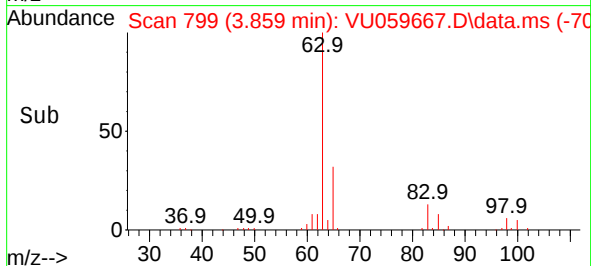
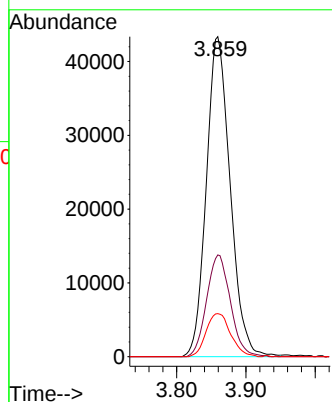
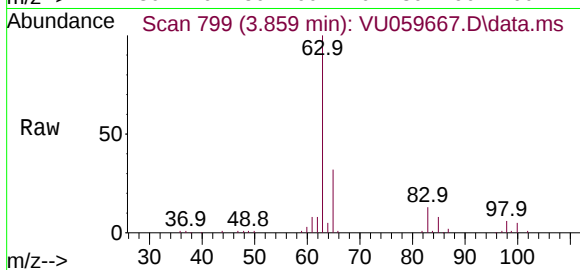
Tgt Ion: 63 Resp: 103647

Ion Ratio Lower Upper

63 100

65 32.5 21.8 40.6

83 13.4 9.9 18.5



#21

2-Butanone

Concen: 50.952 ug/L

RT: 4.698 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VU059667.D

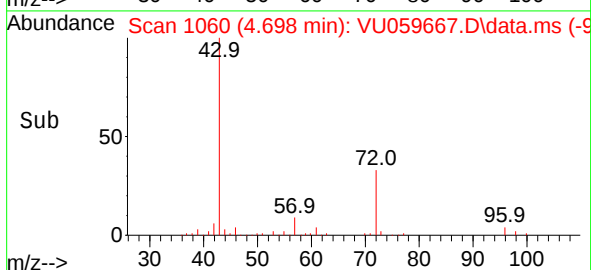
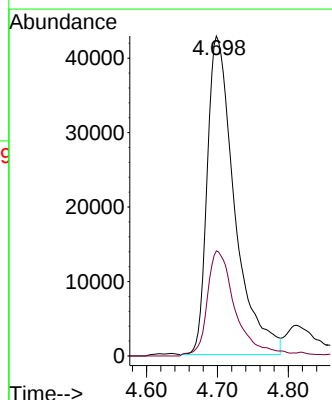
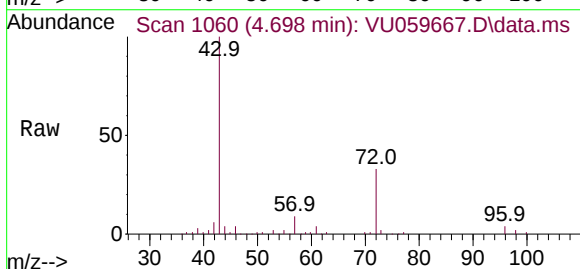
Acq: 29 Jun 2024 09:45

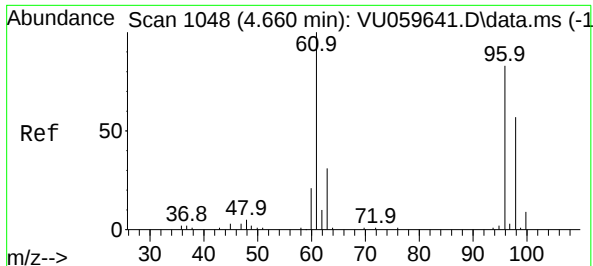
Tgt Ion: 43 Resp: 114606

Ion Ratio Lower Upper

43 100

72 33.9 13.8 41.4

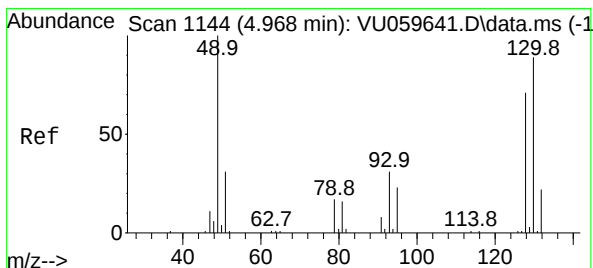
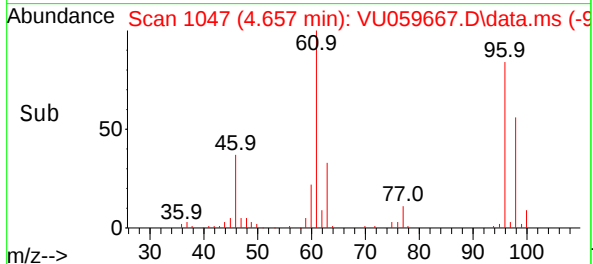
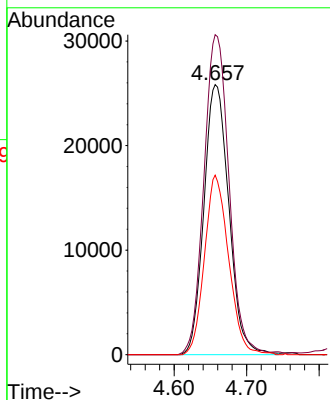
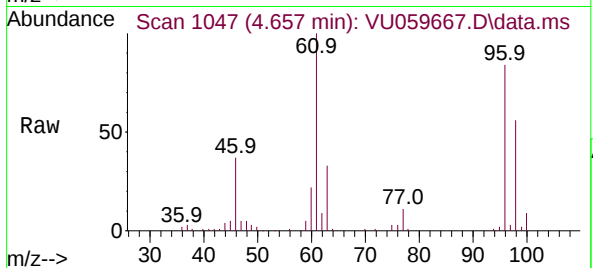




#22
cis-1,2-Dichloroethene
Concen: 5.047 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU059667.D
Acq: 29 Jun 2024 09:45

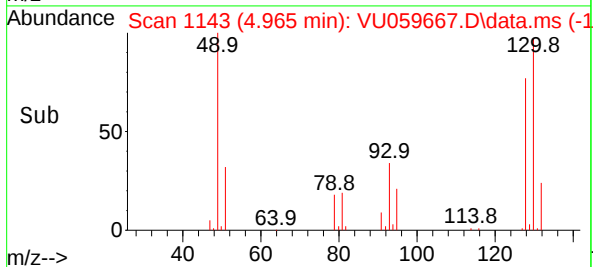
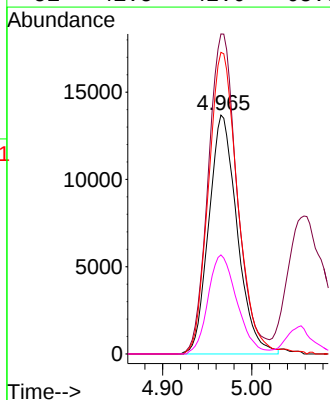
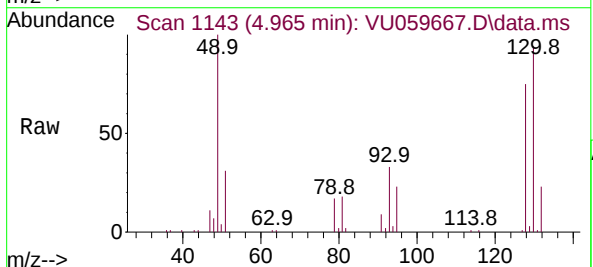
Instrument :
MSVOA_U
ClientSampleId :

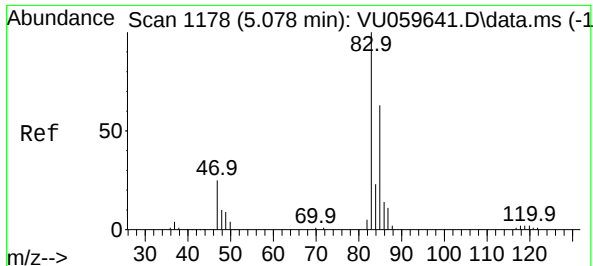
Tgt Ion: 96 Resp: 61927
Ion Ratio Lower Upper
96 100
61 118.5 87.4 162.2
98 66.5 42.3 78.5



#23
Bromochloromethane
Concen: 5.403 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.003 min
Lab File: VU059667.D
Acq: 29 Jun 2024 09:45

Tgt Ion:128 Resp: 30227
Ion Ratio Lower Upper
128 100
49 140.0 117.0 217.4
130 126.2 89.6 166.4
51 41.5 42.0 63.0#

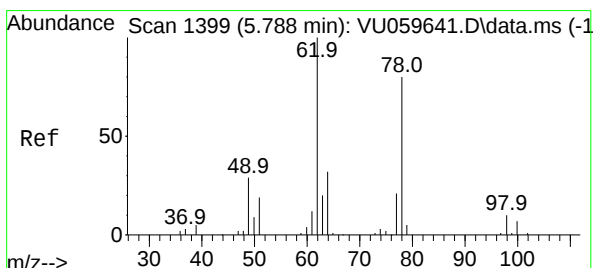
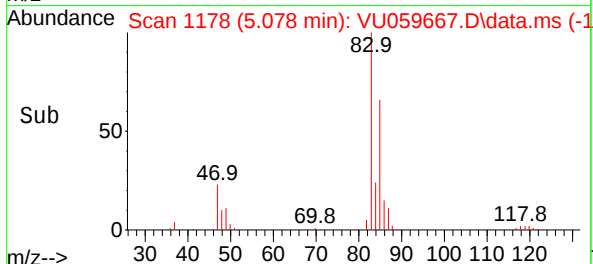
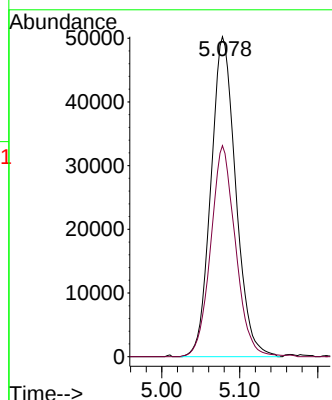
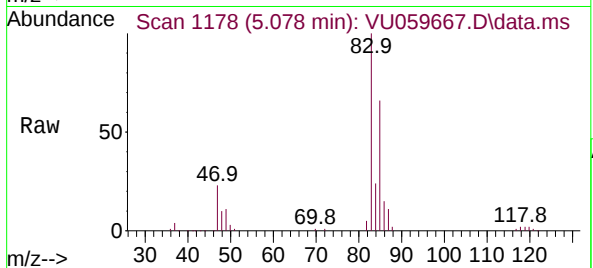




#25
Chloroform
Concen: 5.144 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU059667.D
Acq: 29 Jun 2024 09:45

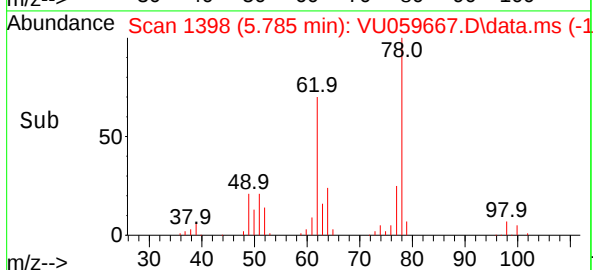
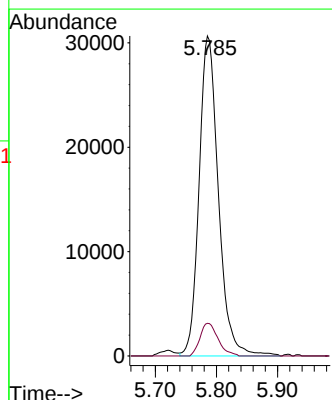
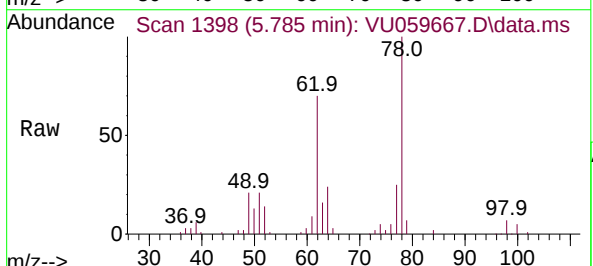
Instrument :
MSVOA_U
ClientSampleId :

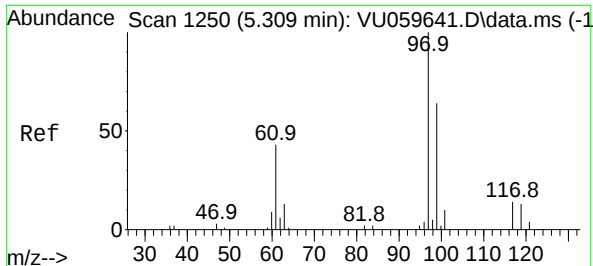
Tgt Ion: 83 Resp: 111223
Ion Ratio Lower Upper
83 100
85 65.9 44.7 83.1



#27
1,2-Dichloroethane
Concen: 5.138 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.003 min
Lab File: VU059667.D
Acq: 29 Jun 2024 09:45

Tgt Ion: 62 Resp: 67318
Ion Ratio Lower Upper
62 100
98 10.2 7.5 11.3

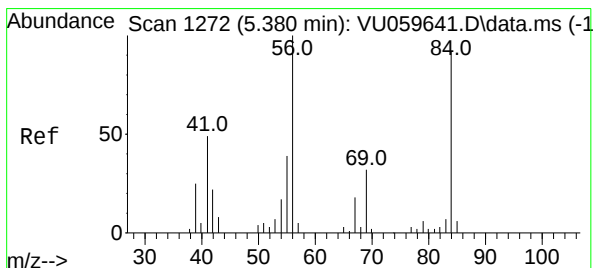
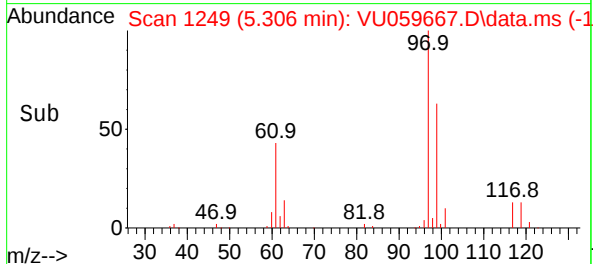
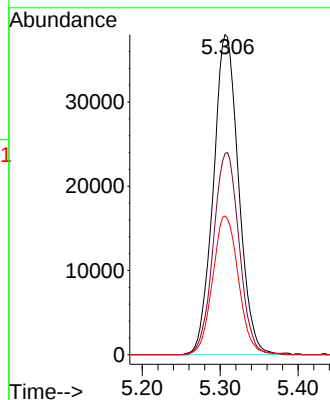
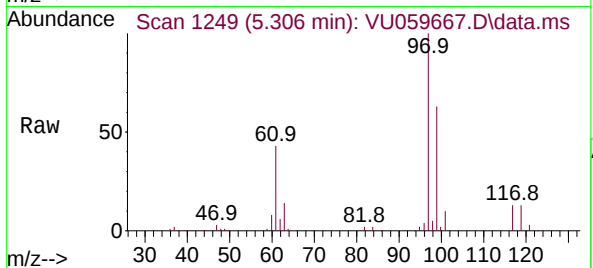




#29
1,1,1-Trichloroethane
Concen: 4.891 ug/L
RT: 5.306 min Scan# 1250
Delta R.T. -0.003 min
Lab File: VU059667.D
Acq: 29 Jun 2024 09:45

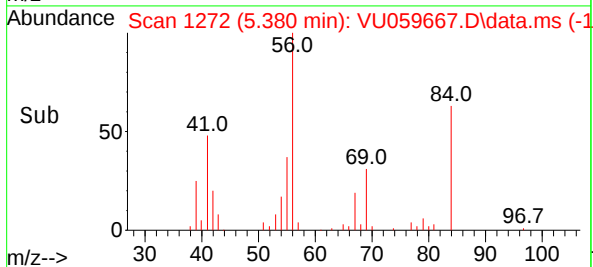
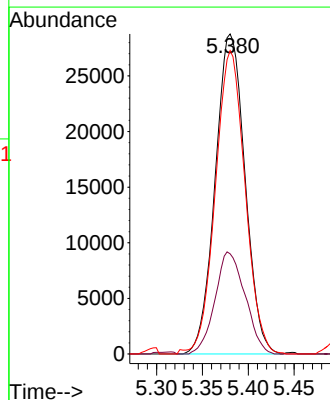
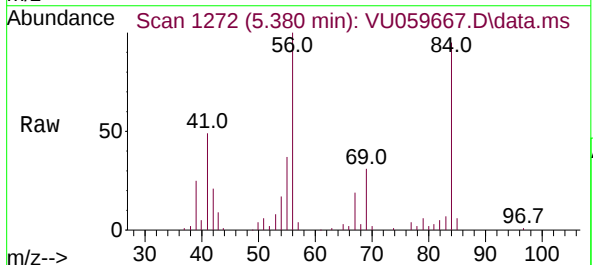
Instrument :
MSVOA_U
ClientSampleId :

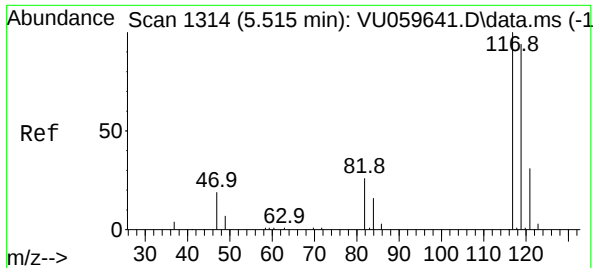
Tgt Ion: 97 Resp: 85873
Ion Ratio Lower Upper
97 100
99 64.2 51.8 77.6
61 44.2 37.4 56.2



#30
Cyclohexane
Concen: 4.193 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU059667.D
Acq: 29 Jun 2024 09:45

Tgt Ion: 56 Resp: 64983
Ion Ratio Lower Upper
56 100
69 32.2 24.8 37.2
84 94.4 69.8 104.8

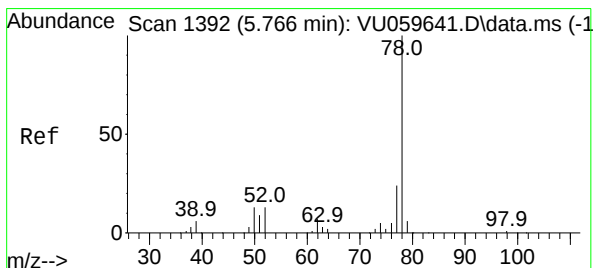
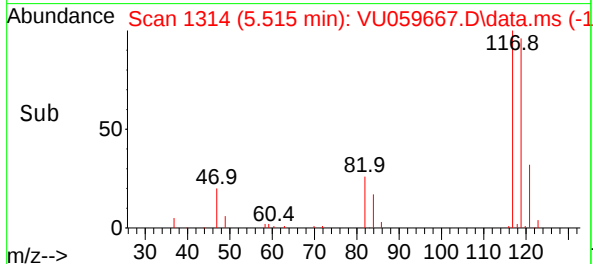
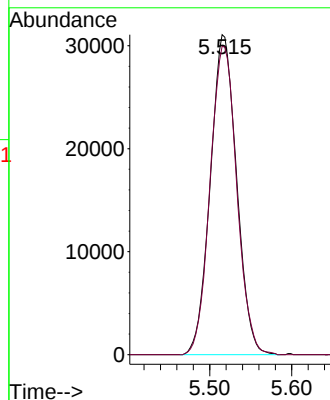
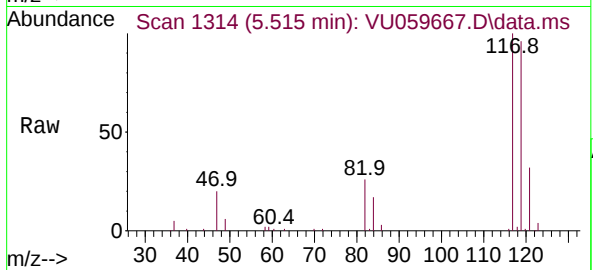




#31
Carbon tetrachloride
Concen: 4.691 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU059667.D
Acq: 29 Jun 2024 09:45

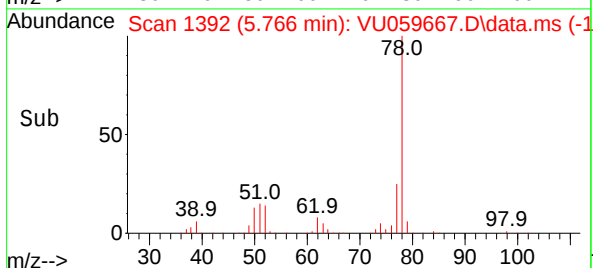
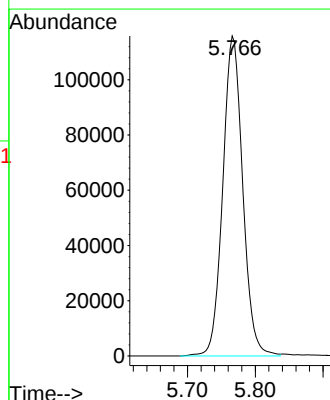
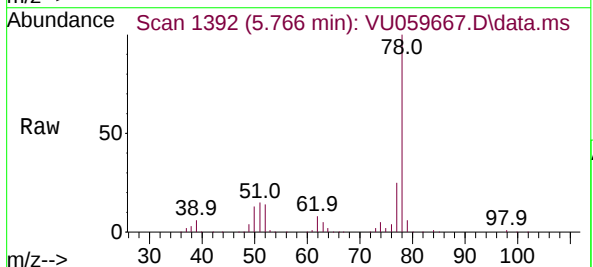
Instrument :
MSVOA_U
ClientSampleId :

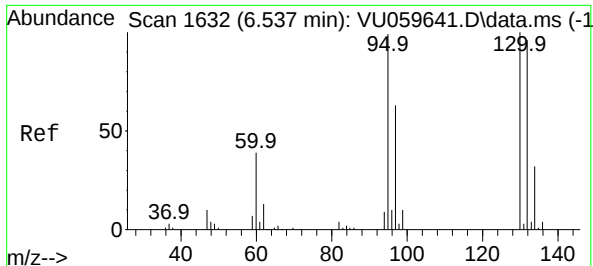
Tgt Ion:117 Resp: 68960
Ion Ratio Lower Upper
117 100
119 98.0 77.5 116.3



#33
Benzene
Concen: 5.133 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU059667.D
Acq: 29 Jun 2024 09:45

Tgt Ion: 78 Resp: 236972





#34

Trichloroethene

Concen: 9.818 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU059667.D

Acq: 29 Jun 2024 09:45

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 122750

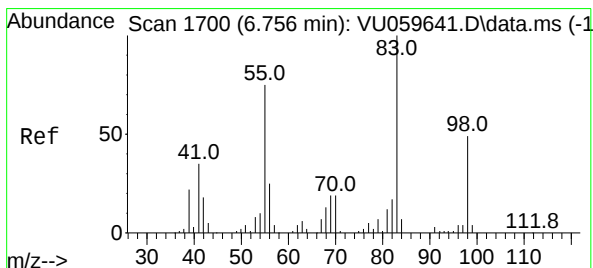
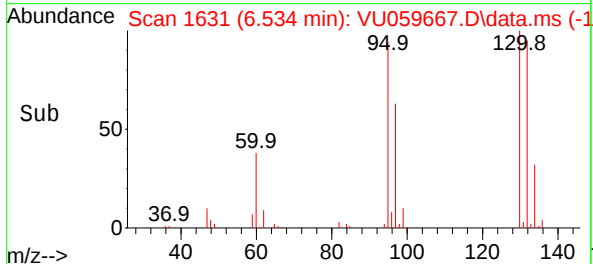
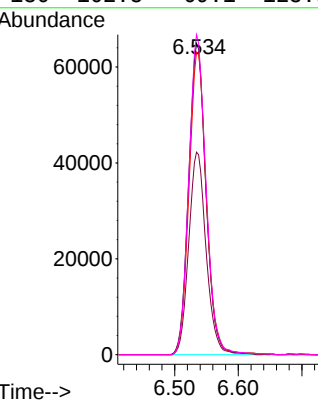
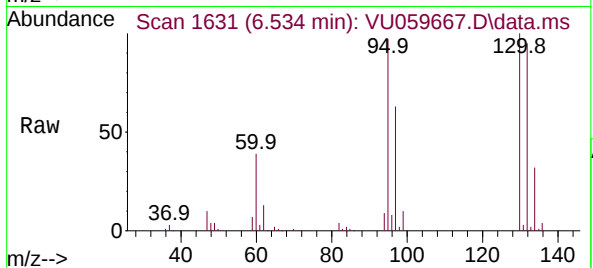
Ion Ratio Lower Upper

95 100

97 65.1 45.3 84.1

132 97.3 64.0 119.0

130 102.8 69.1 128.3



#35

Methylcyclohexane

Concen: 3.886 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU059667.D

Acq: 29 Jun 2024 09:45

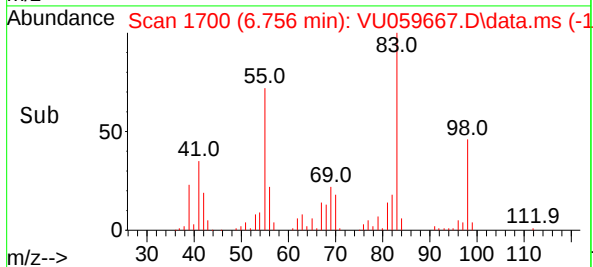
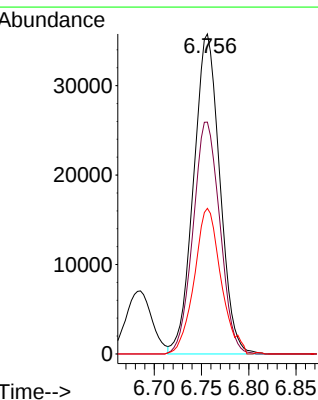
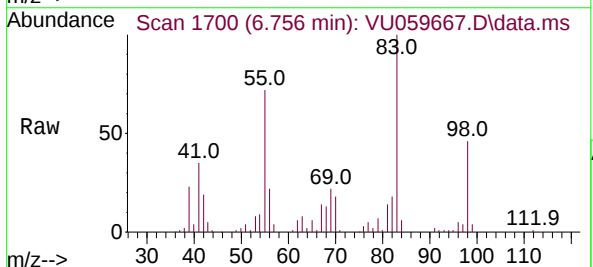
Tgt Ion: 83 Resp: 69136

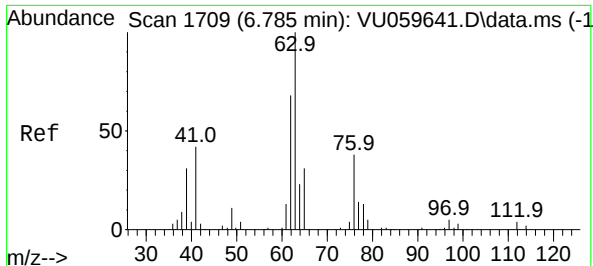
Ion Ratio Lower Upper

83 100

55 73.8 62.7 94.1

98 46.1 35.4 53.0

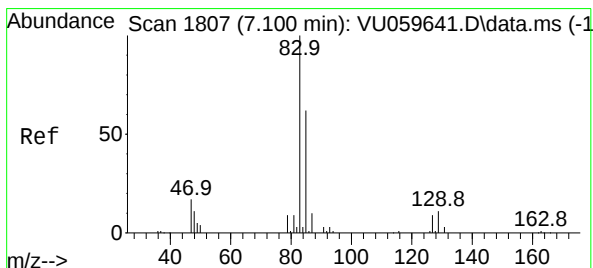
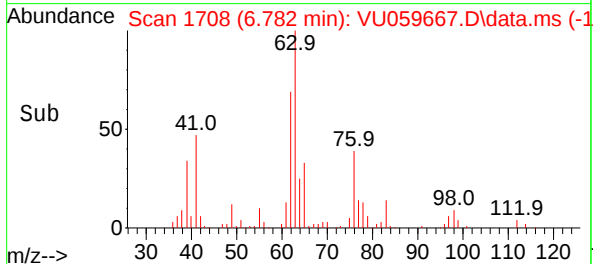
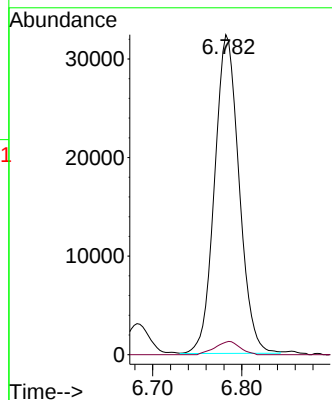
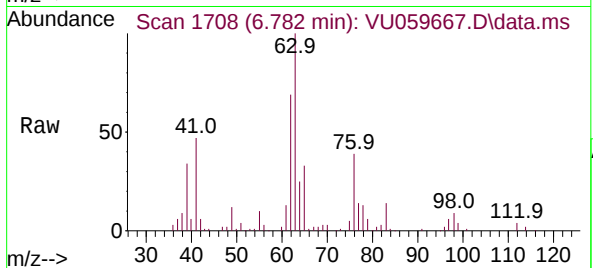




#37
1,2-Dichloropropane
Concen: 5.171 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU059667.D
Acq: 29 Jun 2024 09:45

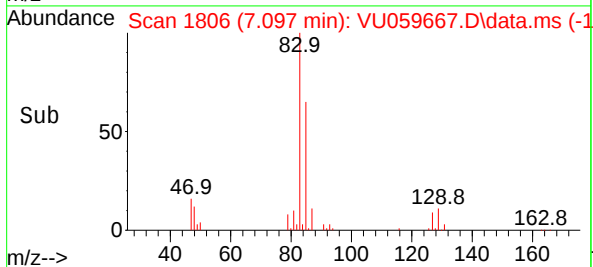
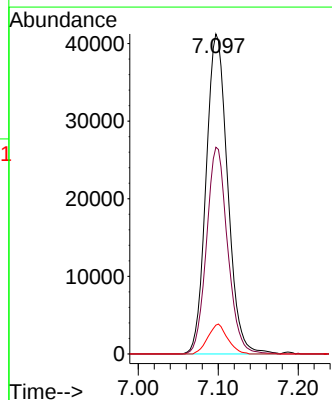
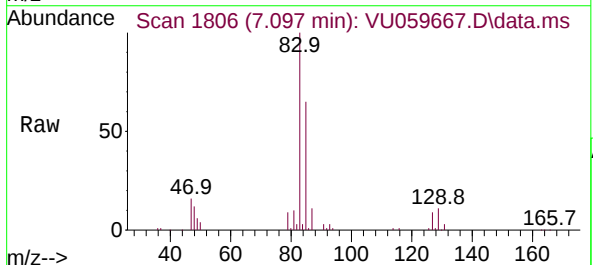
Instrument :
MSVOA_U
ClientSampleId :

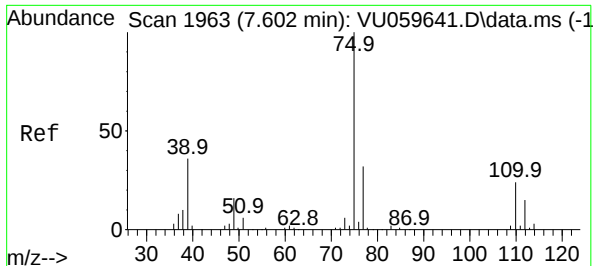
Tgt Ion: 63 Resp: 61773
Ion Ratio Lower Upper
63 100
112 4.2 2.6 3.8#



#38
Bromodichloromethane
Concen: 5.174 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.003 min
Lab File: VU059667.D
Acq: 29 Jun 2024 09:45

Tgt Ion: 83 Resp: 77155
Ion Ratio Lower Upper
83 100
85 64.6 42.7 79.3
127 9.0 6.1 9.1

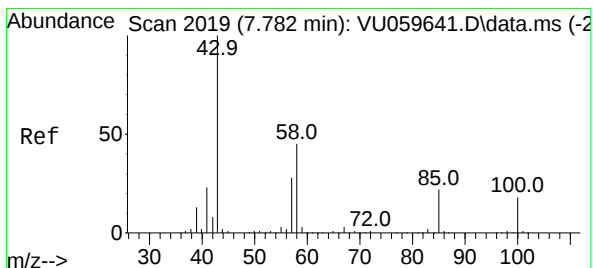
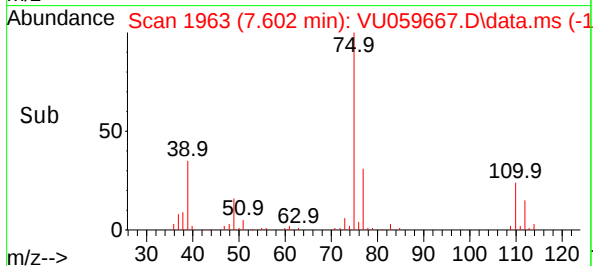
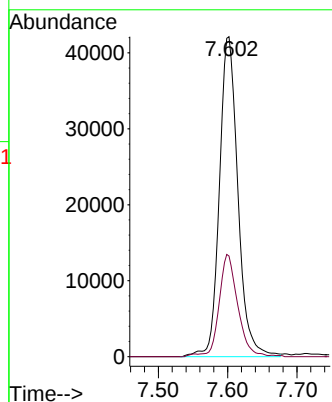
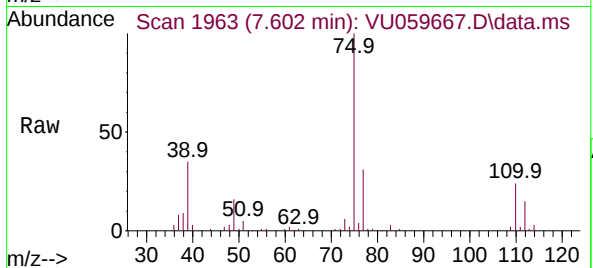




#39
 cis-1,3-Dichloropropene
 Concen: 4.803 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU059667.D
 Acq: 29 Jun 2024 09:45

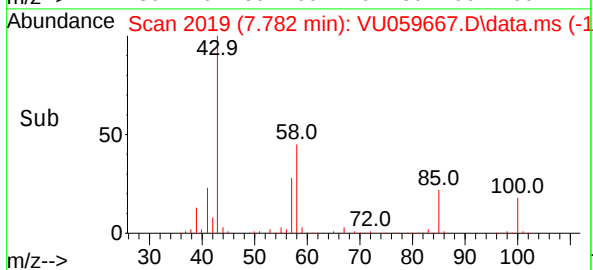
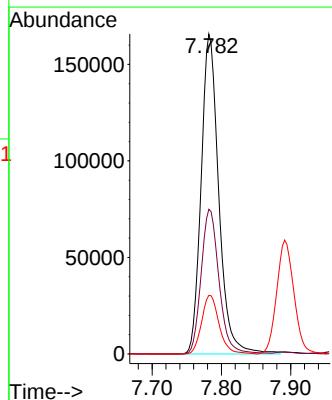
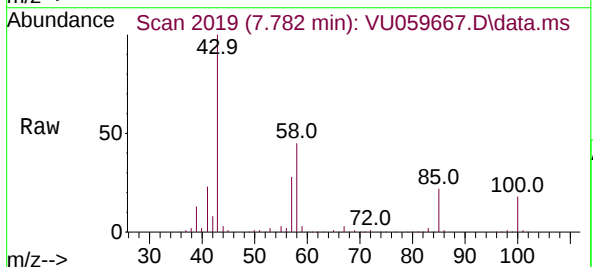
Instrument :
 MSVOA_U
 ClientSampleId :

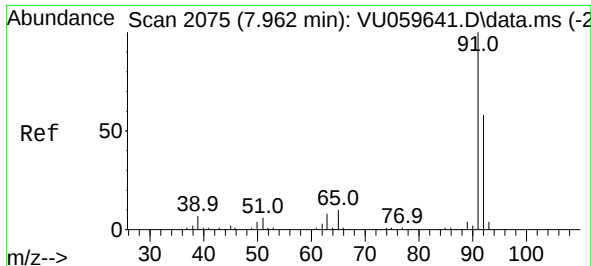
Tgt Ion: 75 Resp: 78479
 Ion Ratio Lower Upper
 75 100
 77 31.5 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 53.043 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VU059667.D
 Acq: 29 Jun 2024 09:45

Tgt Ion: 43 Resp: 293641
 Ion Ratio Lower Upper
 43 100
 58 45.9 34.0 51.0
 100 18.1 12.1 18.1





#42

Toluene

Concen: 5.193 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU059667.D

Acq: 29 Jun 2024 09:45

Instrument :

MSVOA_U

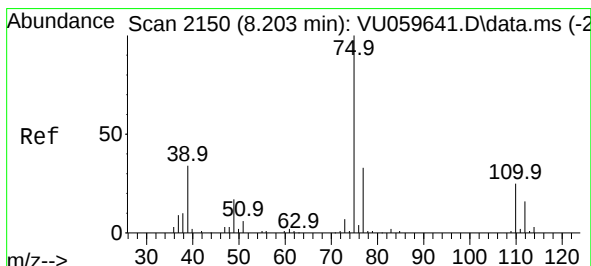
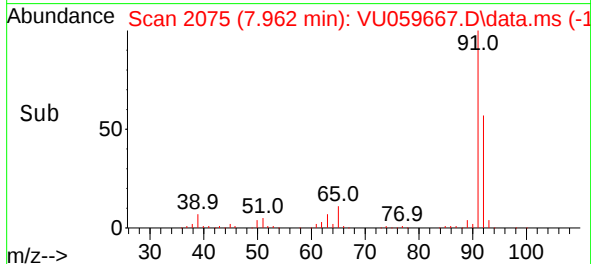
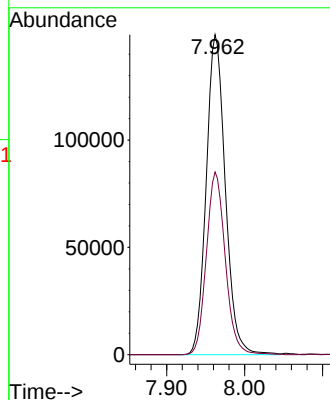
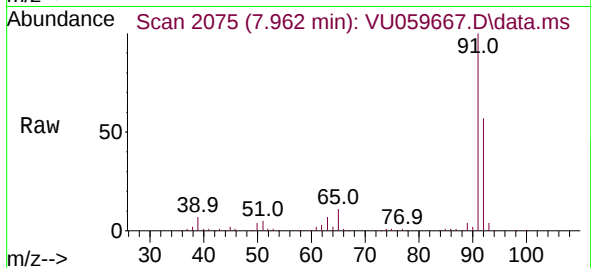
ClientSampleId :

Tgt Ion: 91 Resp: 253836

Ion Ratio Lower Upper

91 100

92 57.1 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 4.949 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU059667.D

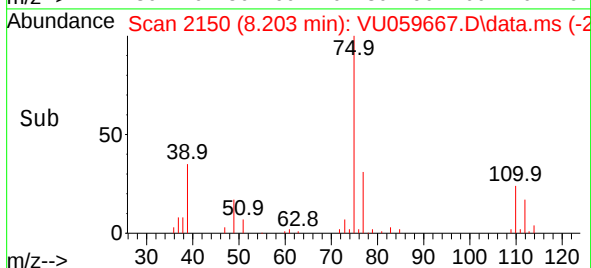
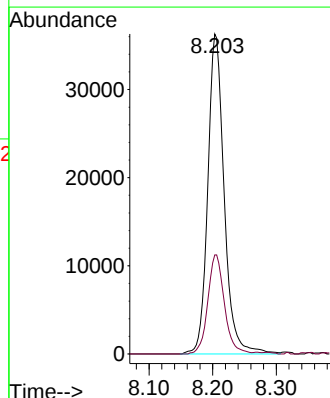
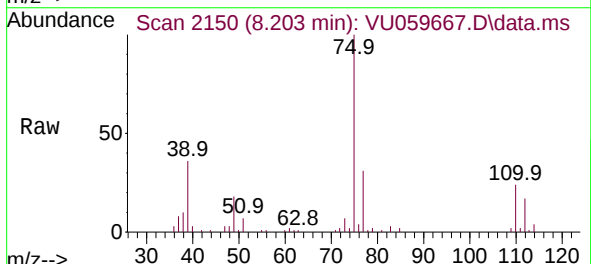
Acq: 29 Jun 2024 09:45

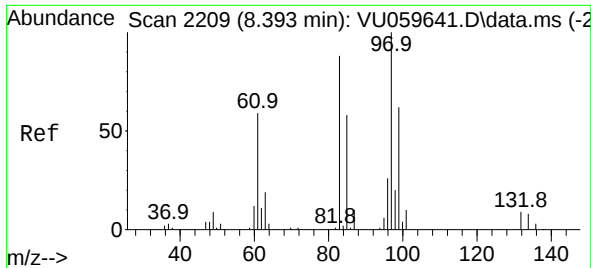
Tgt Ion: 75 Resp: 64901

Ion Ratio Lower Upper

75 100

77 31.0 22.0 41.0

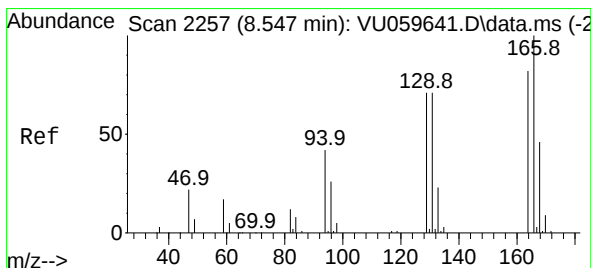
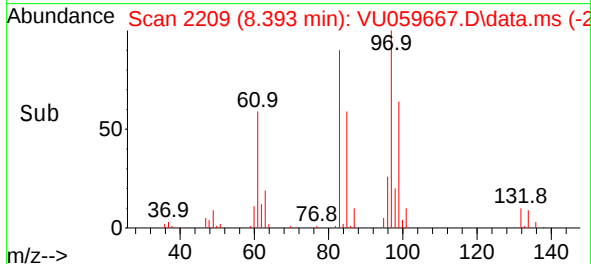
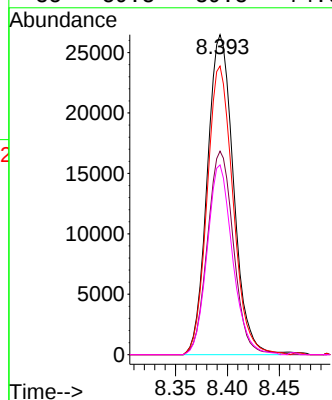
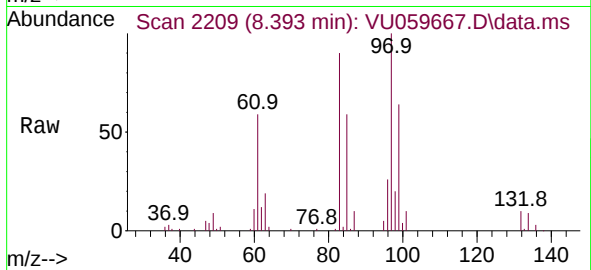




#45
1,1,2-Trichloroethane
Concen: 5.281 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU059667.D
Acq: 29 Jun 2024 09:45

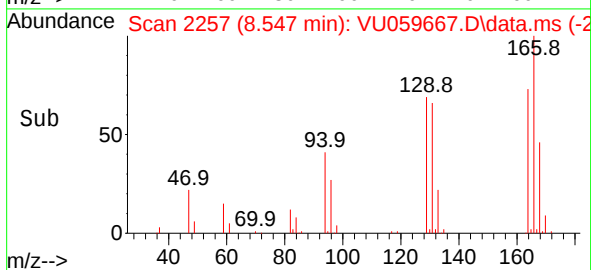
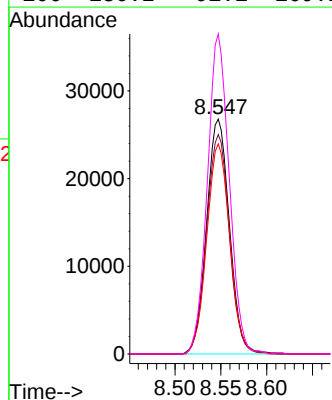
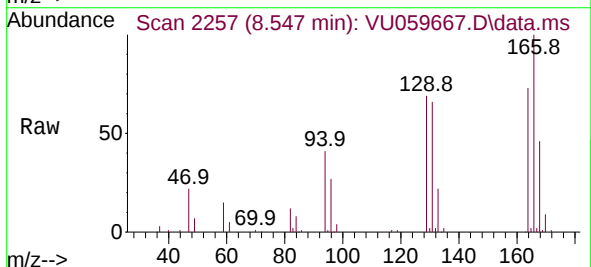
Instrument :
MSVOA_U
ClientSampleId :

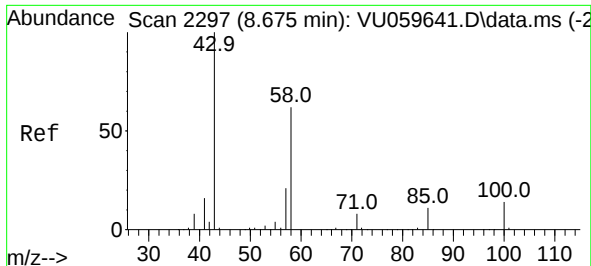
Tgt Ion: 97	Resp: 46494
Ion Ratio	Lower Upper
97 100	
99 63.6	43.3 80.3
83 90.2	62.3 115.7
85 59.3	39.8 74.0



#47
Tetrachloroethene
Concen: 4.803 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU059667.D
Acq: 29 Jun 2024 09:45

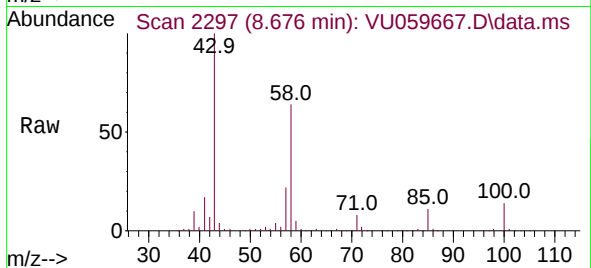
Tgt	Ion:164	Resp:	46595
Ion	Ratio	Lower	Upper
164	100		
129	93.4	70.8	131.4
131	89.5	64.8	120.3
166	136.2	91.1	169.1



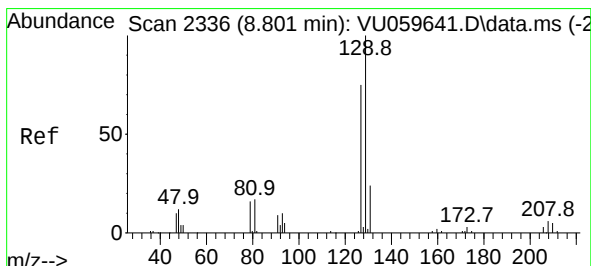
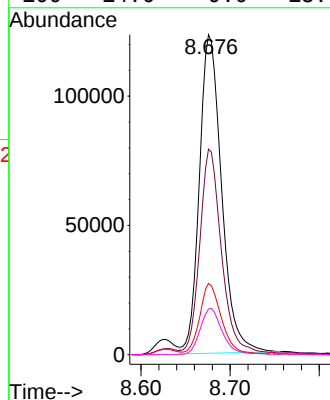
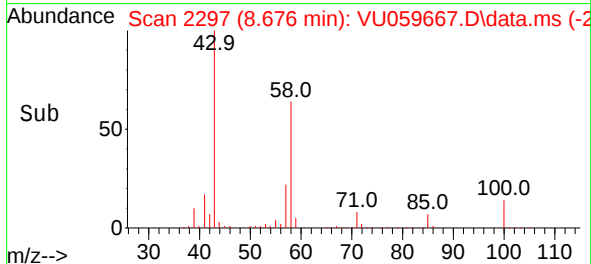


#48
2-Hexanone
Concen: 54.052 ug/L
RT: 8.676 min Scan# 213556
Delta R.T. 0.000 min
Lab File: VU059667.D
Acq: 29 Jun 2024 09:45

Instrument :
MSVOA_U
ClientSampleId :

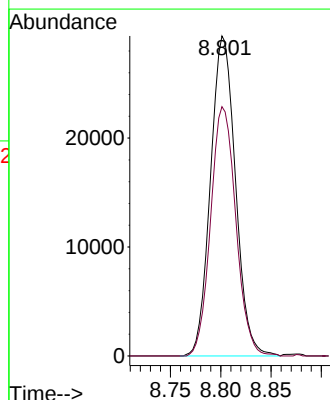
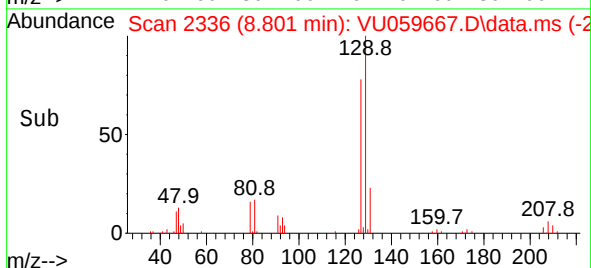
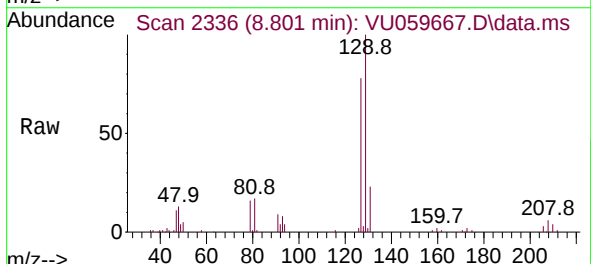


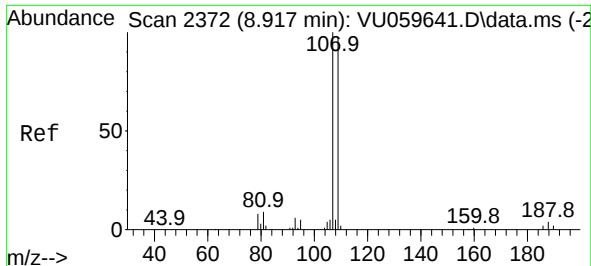
Tgt Ion: 43 Resp: 213556
Ion Ratio Lower Upper
43 100
58 62.5 46.1 69.1
57 21.4 15.5 23.3
100 14.6 9.0 13.6#



#49
Dibromochloromethane
Concen: 5.201 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU059667.D
Acq: 29 Jun 2024 09:45

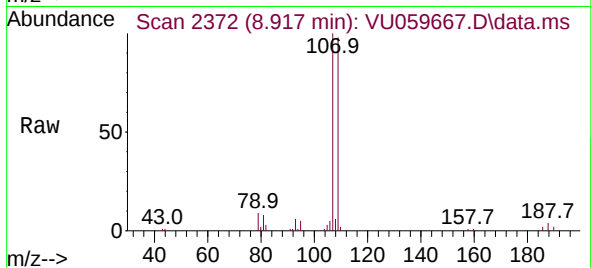
Tgt Ion: 129 Resp: 50723
Ion Ratio Lower Upper
129 100
127 77.9 52.5 97.5



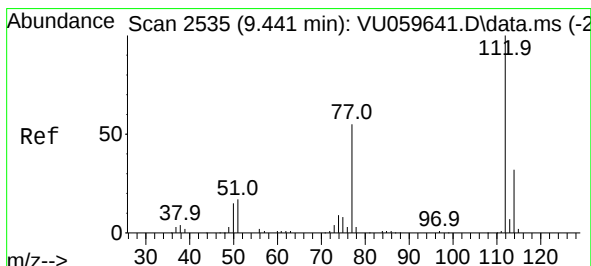
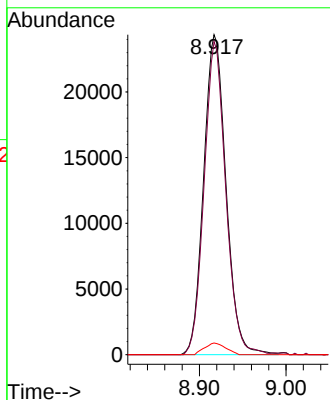
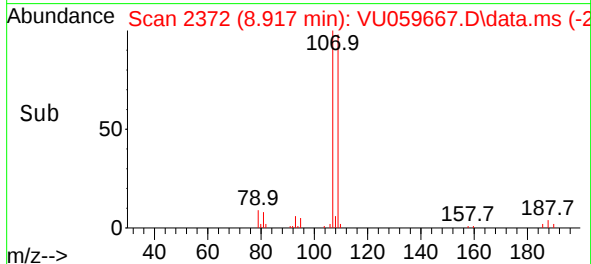


#50
1,2-Dibromoethane
Concen: 5.371 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU059667.D
Acq: 29 Jun 2024 09:45

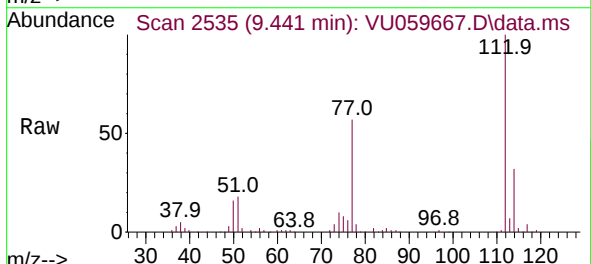
Instrument :
MSVOA_U
ClientSampleId :



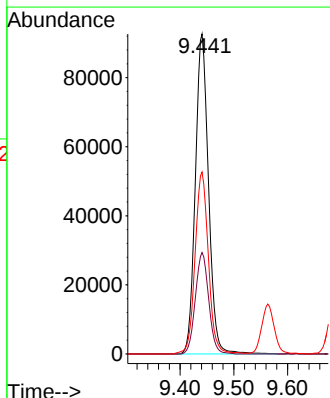
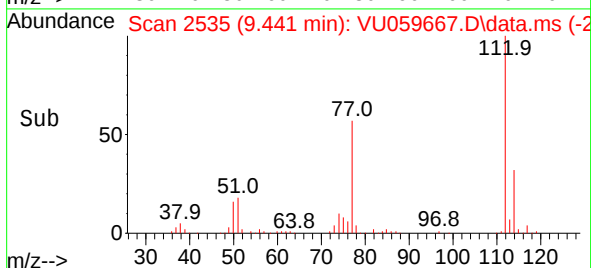
Tgt Ion:107 Resp: 43666
Ion Ratio Lower Upper
107 100
109 97.9 66.9 124.3
188 3.7 2.7 4.1

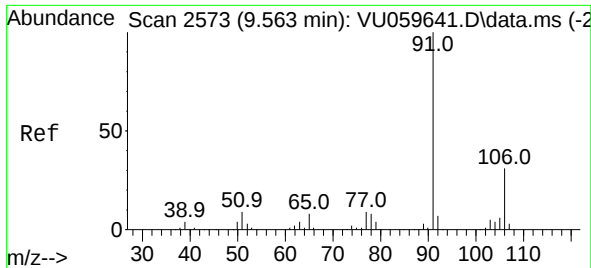


#51
Chlorobenzene
Concen: 5.097 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU059667.D
Acq: 29 Jun 2024 09:45



Tgt Ion:112 Resp: 157986
Ion Ratio Lower Upper
112 100
114 31.7 22.4 41.6
77 56.8 49.1 73.7

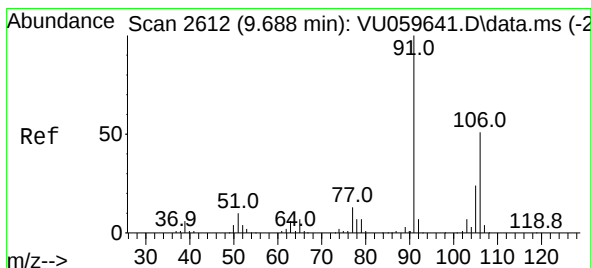
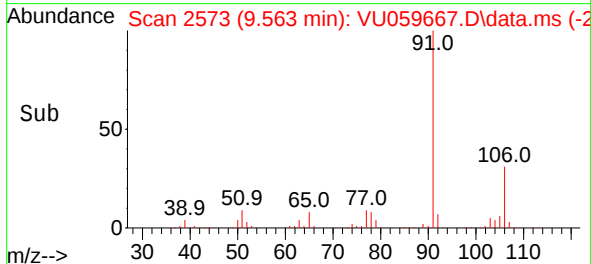
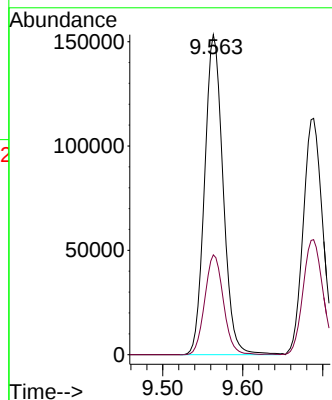
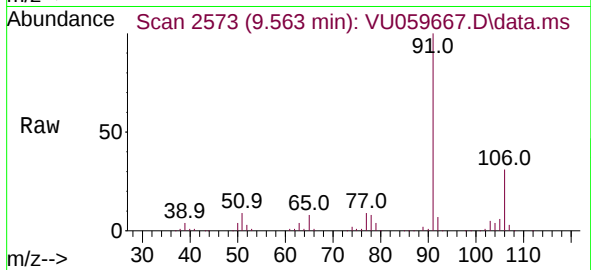




#52
Ethylbenzene
Concen: 4.913 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU059667.D
Acq: 29 Jun 2024 09:45

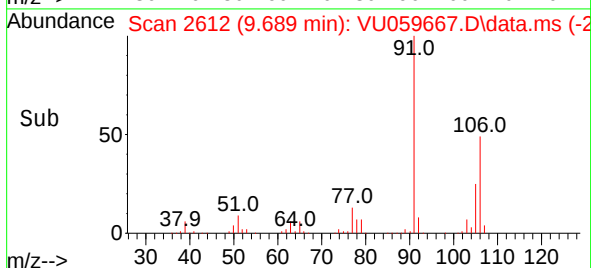
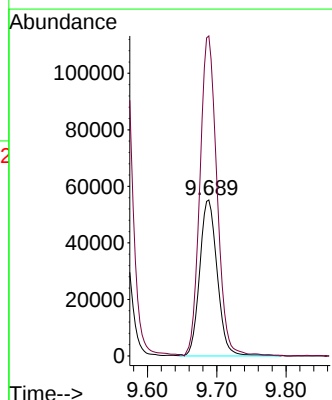
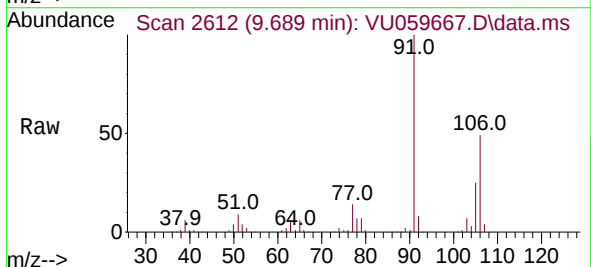
Instrument :
MSVOA_U
ClientSampleId :

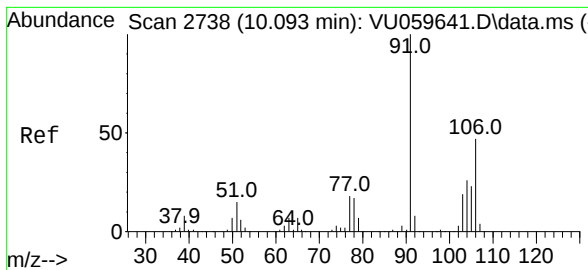
Tgt Ion: 91 Resp: 246319
Ion Ratio Lower Upper
91 100
106 31.2 20.9 38.7



#53
m,p-Xylene
Concen: 5.031 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU059667.D
Acq: 29 Jun 2024 09:45

Tgt Ion:106 Resp: 96874
Ion Ratio Lower Upper
106 100
91 205.2 142.0 263.8

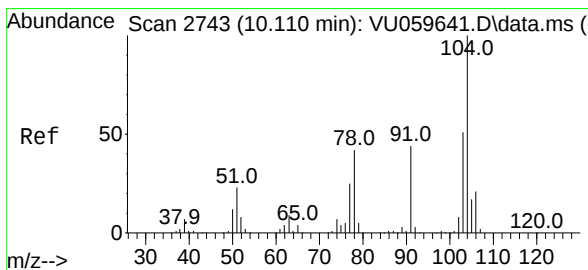
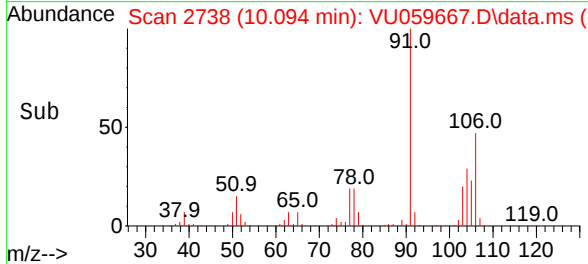
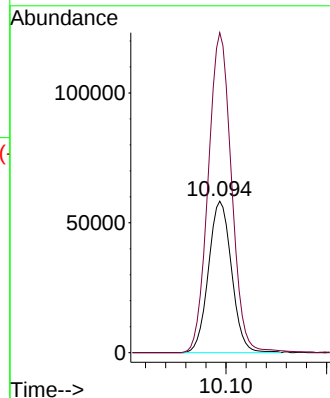
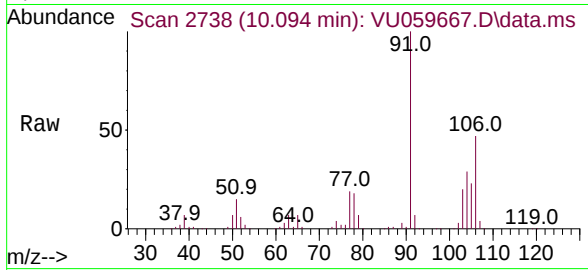




#54
o-Xylene
Concen: 5.091 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU059667.D
Acq: 29 Jun 2024 09:45

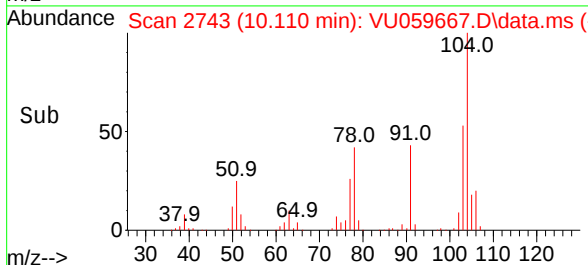
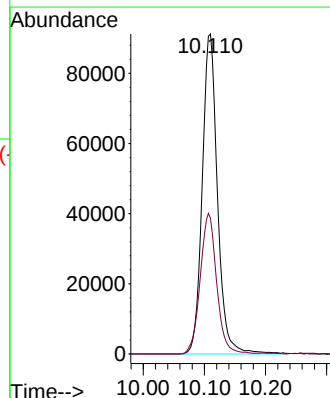
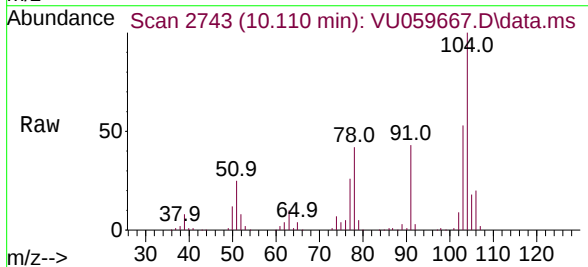
Instrument :
MSVOA_U
ClientSampleId :

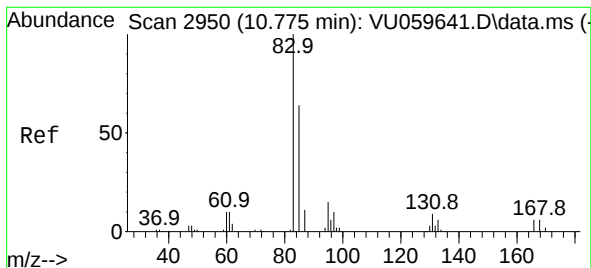
Tgt Ion:106 Resp: 93044
Ion Ratio Lower Upper
106 100
91 211.2 151.6 281.6



#55
Styrene
Concen: 5.084 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU059667.D
Acq: 29 Jun 2024 09:45

Tgt Ion:104 Resp: 158150
Ion Ratio Lower Upper
104 100
78 42.4 32.3 60.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.492 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU059667.D

Acq: 29 Jun 2024 09:45

Instrument :

MSVOA_U

ClientSampleId :

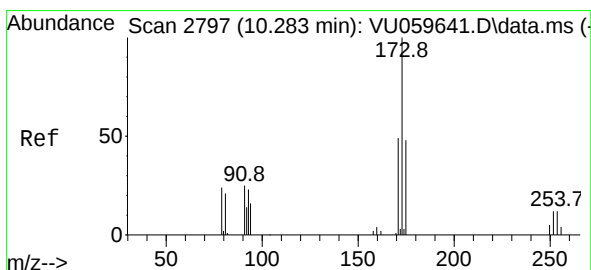
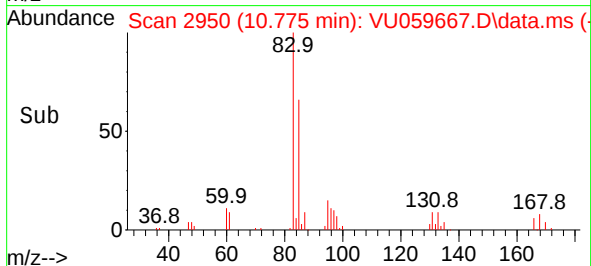
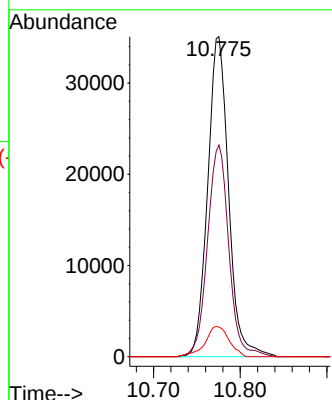
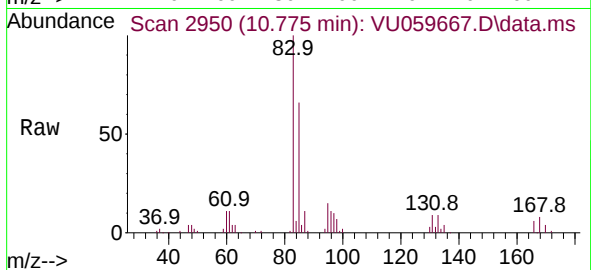
Tgt Ion: 83 Resp: 58657

Ion Ratio Lower Upper

83 100

85 66.1 44.7 82.9

131 9.2 6.9 10.3



#59

Bromoform

Concen: 5.319 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU059667.D

Acq: 29 Jun 2024 09:45

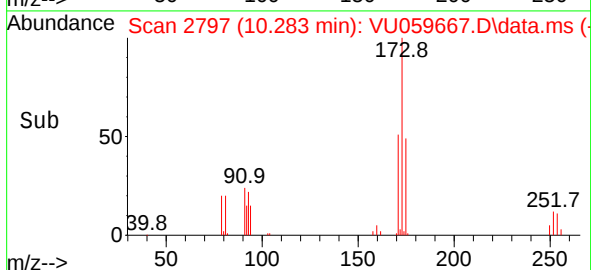
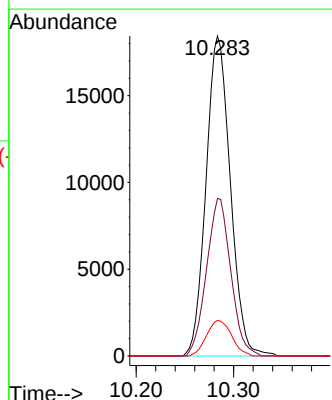
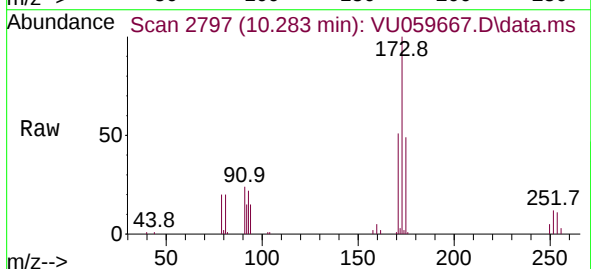
Tgt Ion:173 Resp: 31917

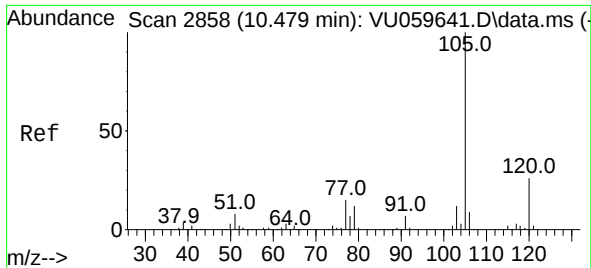
Ion Ratio Lower Upper

173 100

175 49.1 39.4 59.2

254 11.4 7.4 11.2#

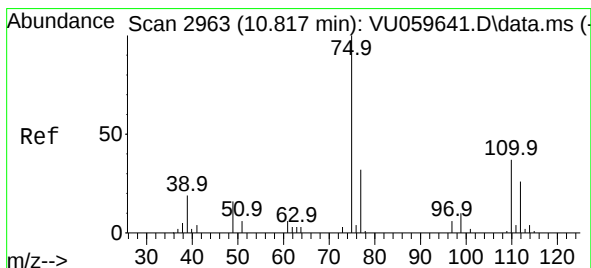
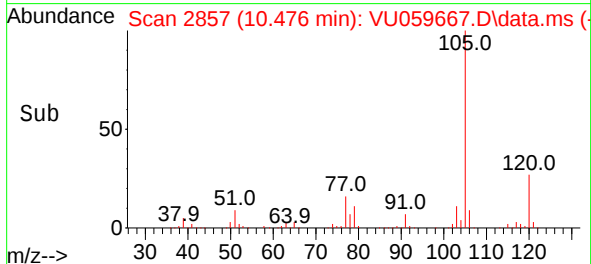
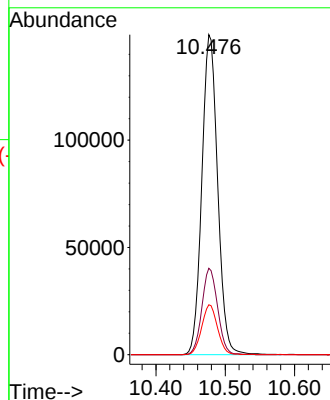
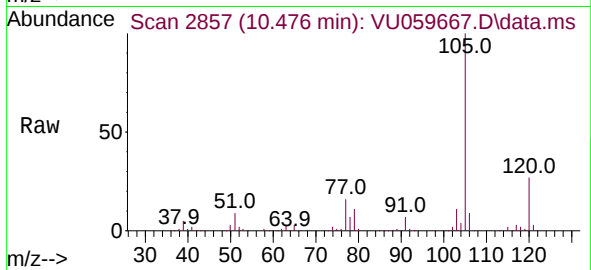




#60
Isopropylbenzene
Concen: 4.871 ug/L
RT: 10.476 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU059667.D
Acq: 29 Jun 2024 09:45

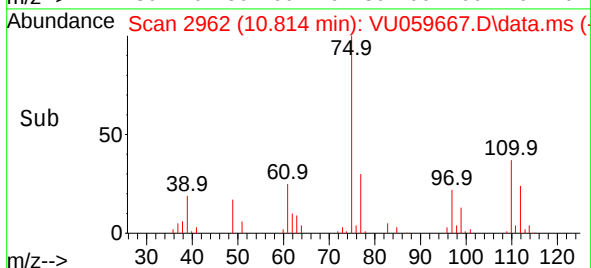
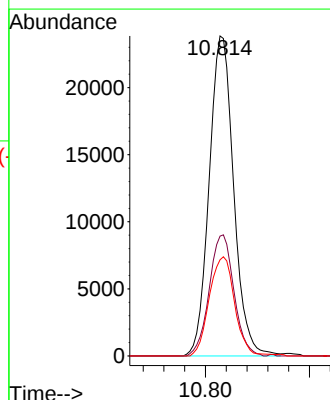
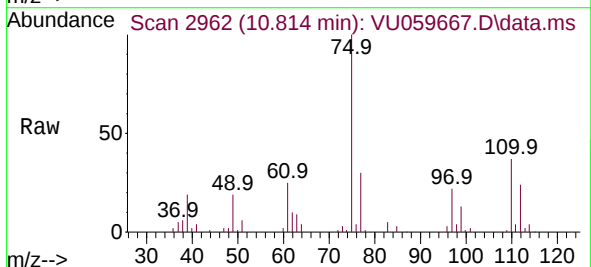
Instrument :
MSVOA_U
ClientSampleId :

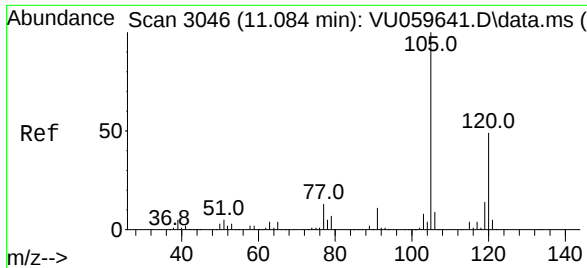
Tgt Ion:105 Resp: 235910
Ion Ratio Lower Upper
105 100
120 26.9 20.6 31.0
77 15.6 12.8 19.2



#61
1,2,3-Trichloropropane
Concen: 5.384 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.003 min
Lab File: VU059667.D
Acq: 29 Jun 2024 09:45

Tgt Ion: 75 Resp: 39008
Ion Ratio Lower Upper
75 100
110 38.1 27.1 40.7
77 32.3 25.4 38.2





#62

1,3,5-Trimethylbenzene

Concen: 4.670 ug/L

RT: 11.081 min Scan# 3046

Delta R.T. -0.003 min

Lab File: VU059667.D

Acq: 29 Jun 2024 09:45

Instrument :

MSVOA_U

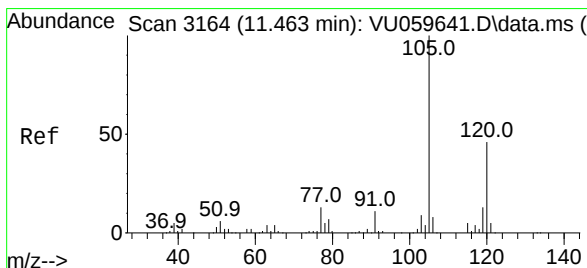
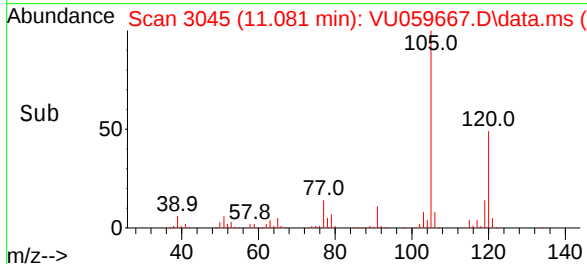
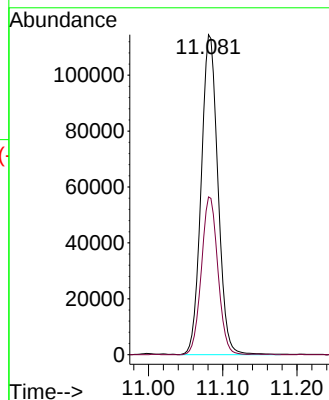
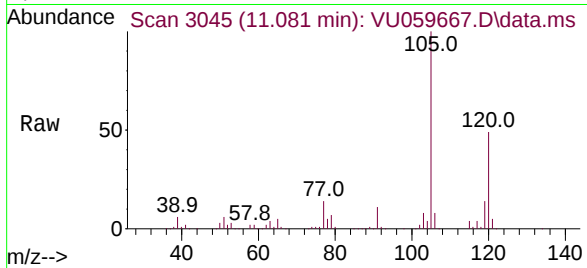
ClientSampleId :

Tgt Ion:105 Resp: 179192

Ion Ratio Lower Upper

105 100

120 48.6 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 4.795 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.003 min

Lab File: VU059667.D

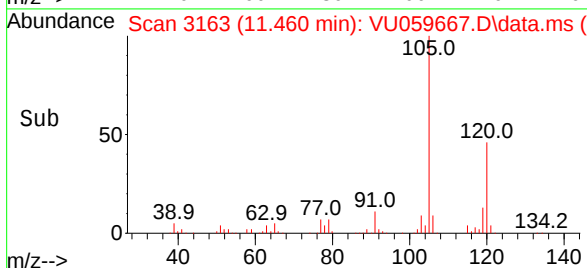
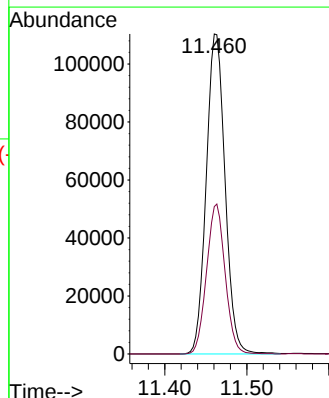
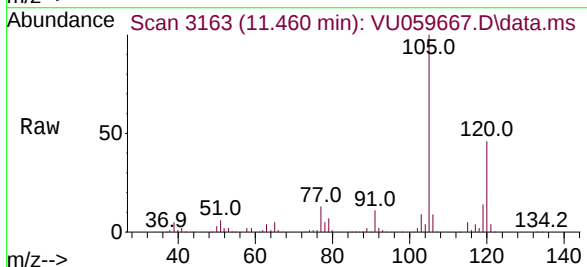
Acq: 29 Jun 2024 09:45

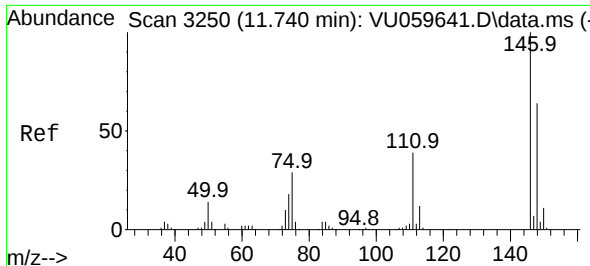
Tgt Ion:105 Resp: 175895

Ion Ratio Lower Upper

105 100

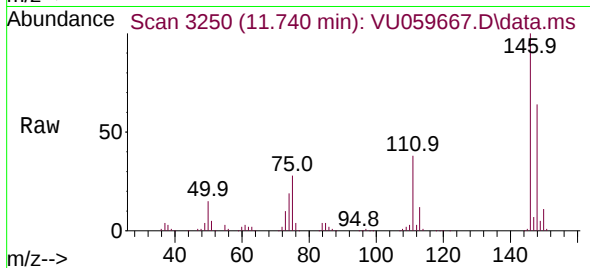
120 46.2 35.4 53.0



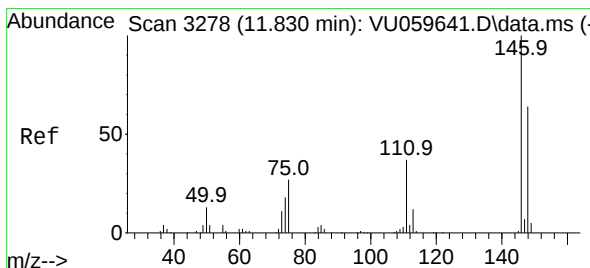
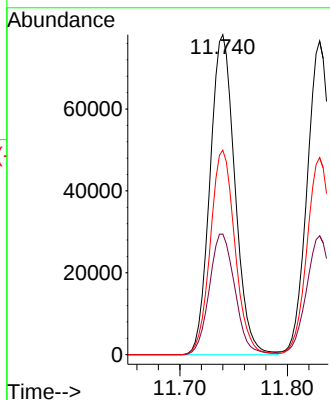
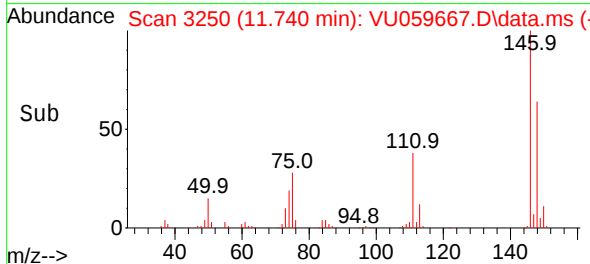


#64
1,3-Dichlorobenzene
Concen: 5.104 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU059667.D
Acq: 29 Jun 2024 09:45

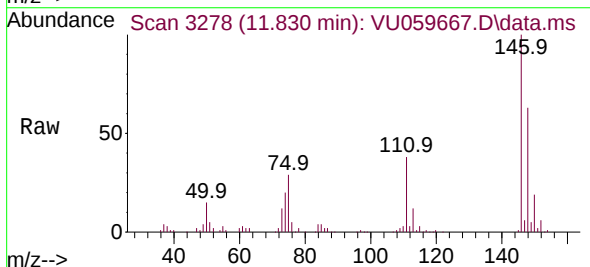
Instrument :
MSVOA_U
ClientSampleId :



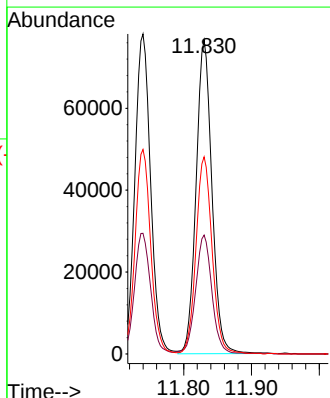
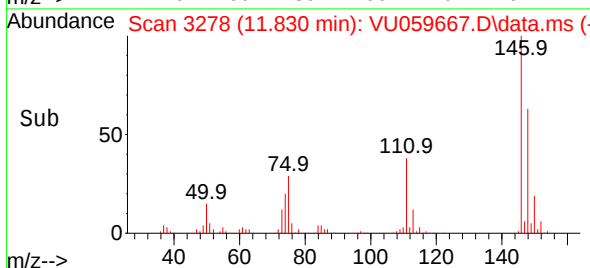
Tgt Ion:146 Resp: 125718
Ion Ratio Lower Upper
146 100
111 37.7 27.4 51.0
148 63.9 45.0 83.6

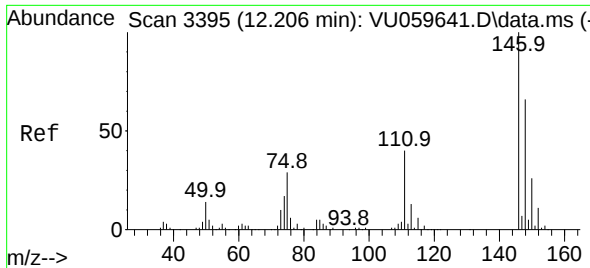


#65
1,4-Dichlorobenzene
Concen: 4.901 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU059667.D
Acq: 29 Jun 2024 09:45



Tgt Ion:146 Resp: 124266
Ion Ratio Lower Upper
146 100
111 37.9 26.9 50.1
148 62.8 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.136 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU059667.D

Acq: 29 Jun 2024 09:45

Instrument :

MSVOA_U

ClientSampleId :

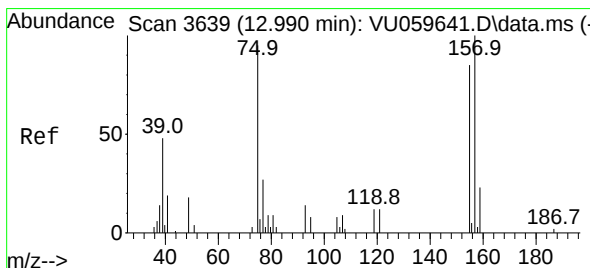
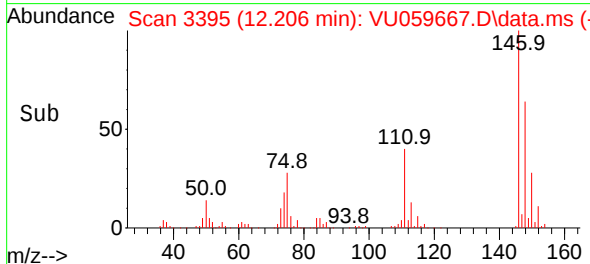
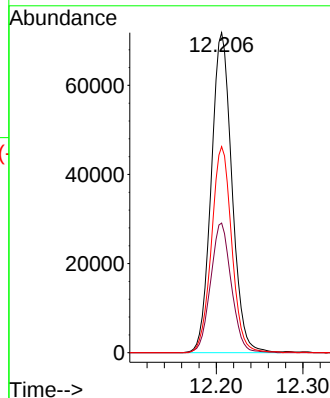
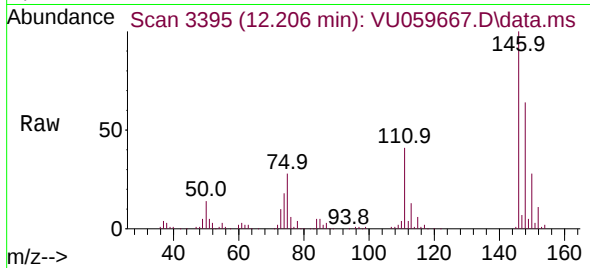
Tgt Ion:146 Resp: 119051

Ion Ratio Lower Upper

146 100

111 40.5 33.4 50.0

148 64.4 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.580 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU059667.D

Acq: 29 Jun 2024 09:45

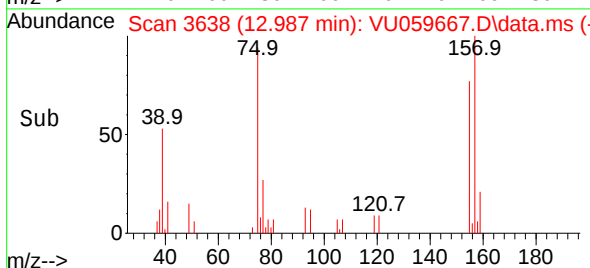
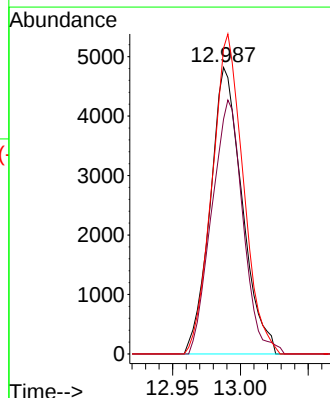
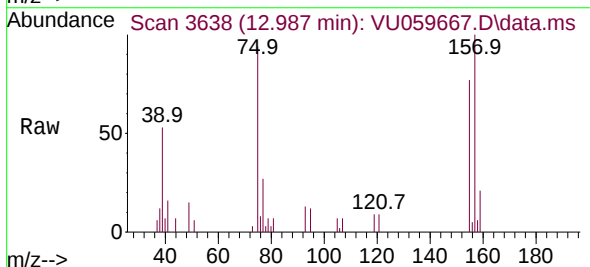
Tgt Ion: 75 Resp: 7886

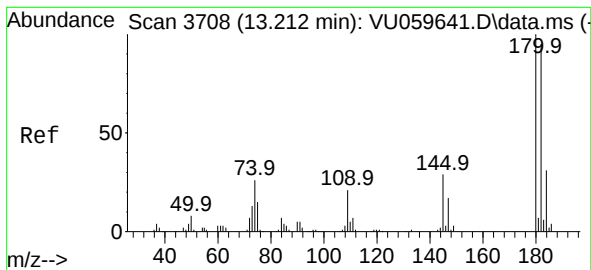
Ion Ratio Lower Upper

75 100

155 82.0 58.2 87.2

157 106.7 80.0 120.0





#69

1,3,5-Trichlorobenzene

Concen: 4.825 ug/L

RT: 13.213 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU059667.D

Acq: 29 Jun 2024 09:45

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 87984

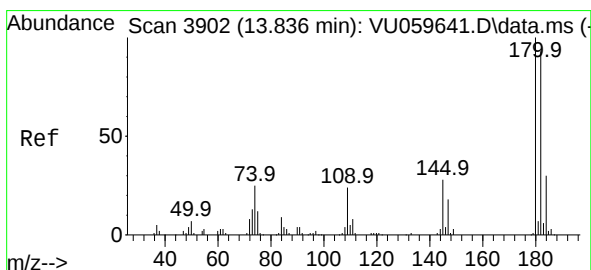
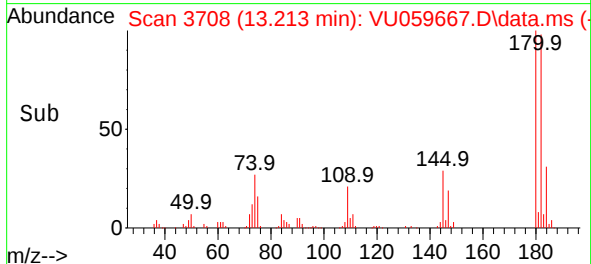
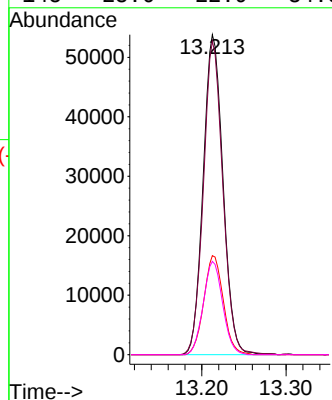
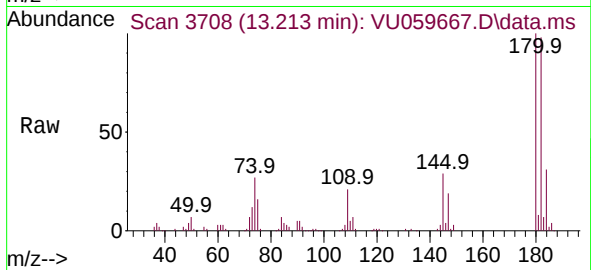
Ion Ratio Lower Upper

180 100

182 96.3 75.4 113.0

184 30.5 23.0 34.6

145 28.6 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 5.157 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.003 min

Lab File: VU059667.D

Acq: 29 Jun 2024 09:45

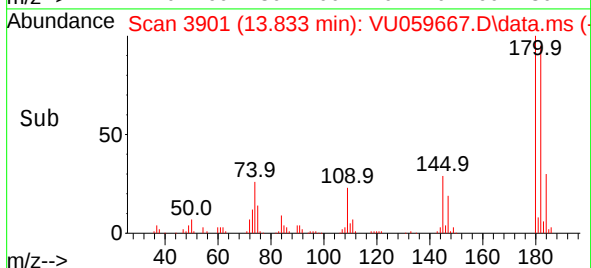
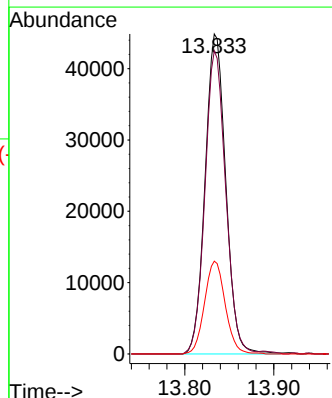
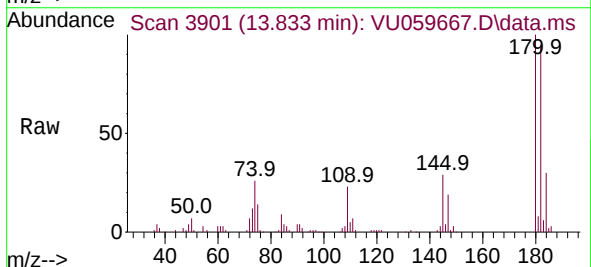
Tgt Ion:180 Resp: 72131

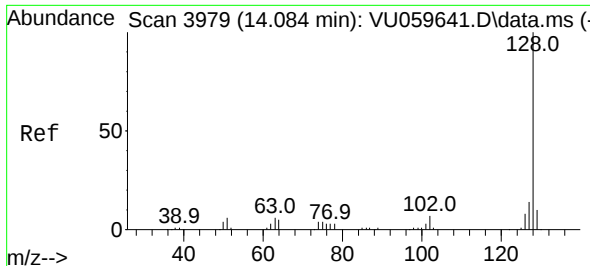
Ion Ratio Lower Upper

180 100

182 94.9 74.9 112.3

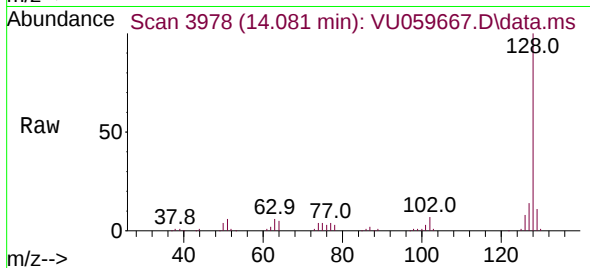
145 29.1 23.9 35.9



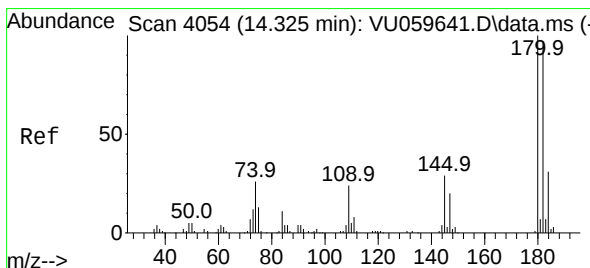
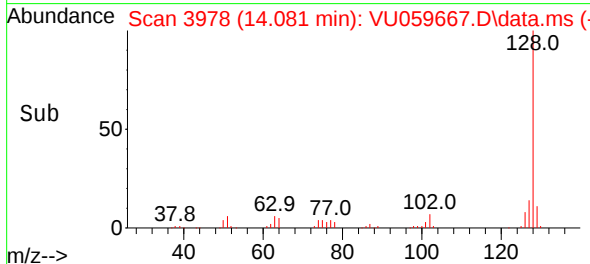
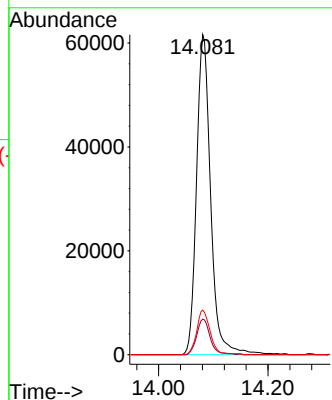


#71
Naphthalene
Concen: 5.515 ug/L
RT: 14.081 min Scan# 3979
Delta R.T. -0.003 min
Lab File: VU059667.D
Acq: 29 Jun 2024 09:45

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 110421
Ion Ratio Lower Upper
128 100
129 10.5 8.2 12.4
127 13.2 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.209 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VU059667.D
Acq: 29 Jun 2024 09:45

Tgt Ion:180 Resp: 67659
Ion Ratio Lower Upper
180 100
182 97.5 77.0 115.6
145 30.9 26.2 39.4

