

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070524\
 Data File : VU059846.D
 Acq On : 05 Jul 2024 08:26
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 06 02:58:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 04 04:26:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	169210	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	171693	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	89131	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	54465	4.629	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.600%
7) Chloroethane-d5	1.907	69	46708	4.126	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.600%
11) 1,1-Dichloroethene-d2	2.560	65	20619	4.224	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.400%
20) 2-Butanone-d5	4.618	46	108067	44.589	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.180%
24) Chloroform-d	5.055	84	105349	4.362	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	5.695	65	48587	4.176	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
32) Benzene-d6	5.721	84	209647	4.437	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	6.685	67	64789	4.475	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.891	98	198751	4.524	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	8.174	79	24233	5.345	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.800%
46) 2-Hexanone-d5	8.627	63	93466	49.614	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.220%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	54314	4.540	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	70131	4.421	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	65454	4.565	ug/L	98
3) Chloromethane	1.515	50	73393	4.756	ug/L	99
5) Vinyl chloride	1.599	62	82698	4.851	ug/L	99
6) Bromomethane	1.853	94	50473	4.258	ug/L	94
8) Chloroethane	1.927	64	51361	5.000	ug/L	98
9) Trichlorofluoromethane	2.132	101	103442	5.041	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	65683	5.056	ug/L	95
12) 1,1-Dichloroethene	2.573	96	59484	4.957	ug/L	84
13) Acetone	2.628	43	77406	49.235	ug/L	91
14) Carbon disulfide	2.788	76	187559	4.684	ug/L	100
15) Methyl Acetate	2.946	43	19455	4.689	ug/L #	83
16) Methylene chloride	3.039	84	71454	5.025	ug/L	90
17) Methyl tert-butyl Ether	3.357	73	127956	4.948	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	63644	5.099	ug/L	90
19) 1,1-Dichloroethane	3.859	63	116018	5.041	ug/L	97
21) 2-Butanone	4.698	43	123498	48.974	ug/L	90
22) cis-1,2-Dichloroethene	4.660	96	71339	5.186	ug/L	92
23) Bromochloromethane	4.968	128	33209	5.295	ug/L	85
25) Chloroform	5.081	83	123564	5.097	ug/L	100

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 ALS Vial : 2 Sample Multiplier: 1

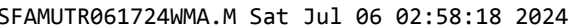
Instrument :
 MSVOA_U
 ClientSampleId :

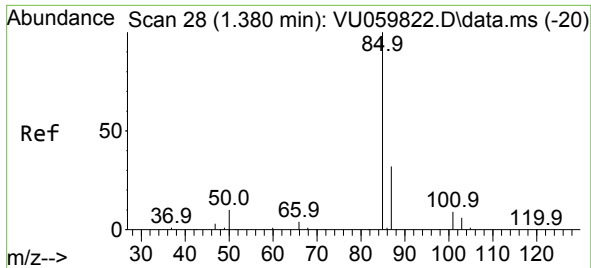
Quant Time: Jul 06 02:58:04 2024
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	70568	4.804	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	100019	5.045	ug/L	99
30) Cyclohexane	5.380	56	87382	4.992	ug/L	95
31) Carbon tetrachloride	5.518	117	85179	5.131	ug/L	99
33) Benzene	5.766	78	273480	5.245	ug/L	100
34) Trichloroethene	6.537	95	70929	5.023	ug/L	99
35) Methylcyclohexane	6.756	83	97368	4.846	ug/L	96
37) 1,2-Dichloropropane	6.785	63	70676	5.238	ug/L	100
38) Bromodichloromethane	7.097	83	87002	5.166	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	95436	5.172	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	310971	49.738	ug/L #	94
42) Toluene	7.962	91	295663	5.356	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	79476	5.366	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	52928	5.323	ug/L	97
47) Tetrachloroethene	8.547	164	59017	5.386	ug/L	93
48) 2-Hexanone	8.679	43	227278	50.935	ug/L #	93
49) Dibromochloromethane	8.804	129	58202	5.284	ug/L	97
50) 1,2-Dibromoethane	8.917	107	48047	5.233	ug/L	98
51) Chlorobenzene	9.441	112	182581	5.215	ug/L	96
52) Ethylbenzene	9.566	91	293750	5.188	ug/L	98
53) m,p-Xylene	9.688	106	113549	5.221	ug/L	99
54) o-Xylene	10.094	106	108041	5.235	ug/L	97
55) Styrene	10.110	104	190709	5.428	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.775	83	62018	5.142	ug/L	98
59) Bromoform	10.283	173	34772	5.098	ug/L #	97
60) Isopropylbenzene	10.479	105	286640	5.206	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	42184	5.121	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	218985	5.020	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	216891	5.201	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	147740	5.276	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	147304	5.110	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	135154	5.129	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	8530	5.309	ug/L	87
69) 1,3,5-Trichlorobenzene	13.216	180	108022	5.211	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	81791	5.143	ug/L	97
71) Naphthalene	14.084	128	107335	4.716	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	75637	5.123	ug/L	97

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

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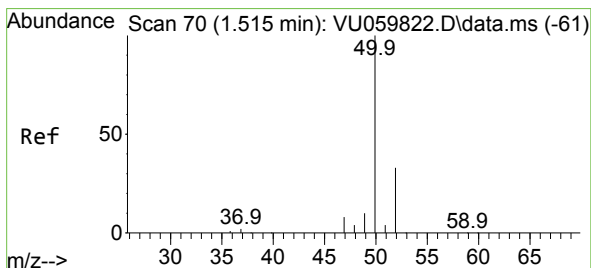
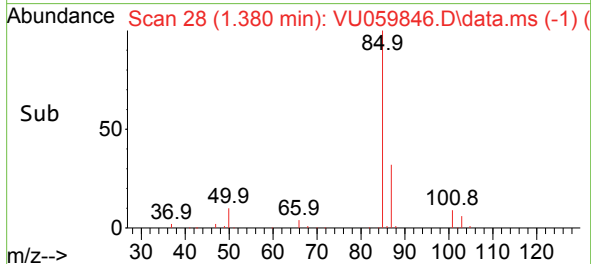
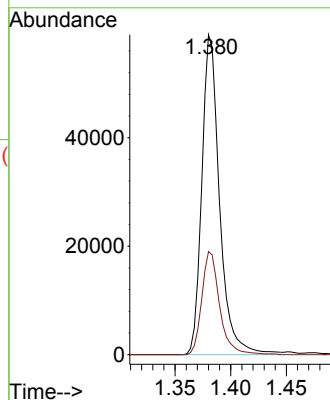
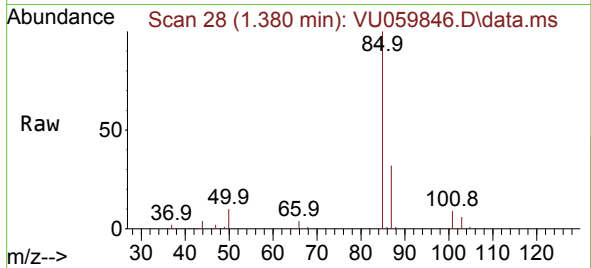




#2
 Dichlorodifluoromethane
 Concen: 4.565 ug/L
 RT: 1.380 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU059846.D
 Acq: 05 Jul 2024 08:26

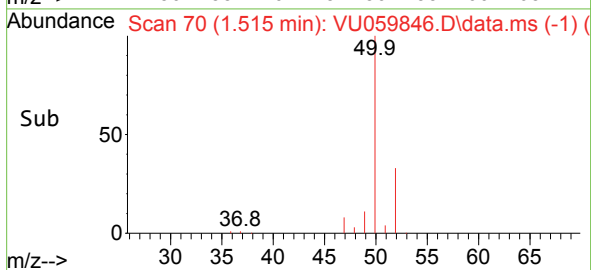
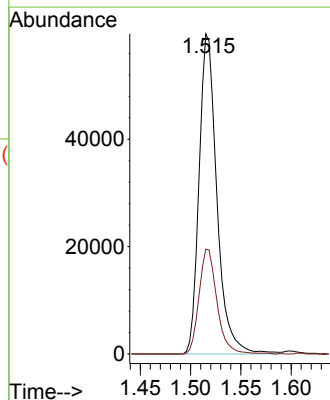
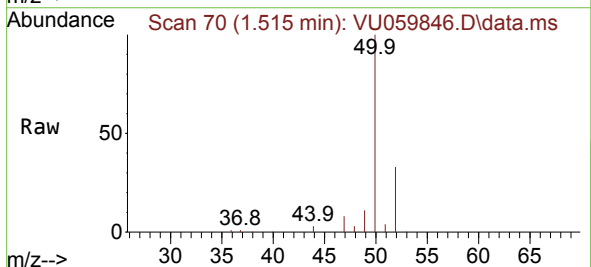
Instrument :
 MSVOA_U
 ClientSampleId :

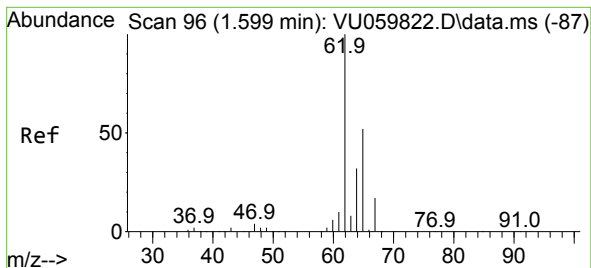
Tgt Ion: 85 Resp: 65454
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.6 40.0



#3
 Chloromethane
 Concen: 4.756 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU059846.D
 Acq: 05 Jul 2024 08:26

Tgt Ion: 50 Resp: 73393
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.2 43.0





#5

Vinyl chloride

Concen: 4.851 ug/L

RT: 1.599 min Scan# 96

Delta R.T. 0.000 min

Lab File: VU059846.D

Acq: 05 Jul 2024 08:26

Instrument :

MSVOA_U

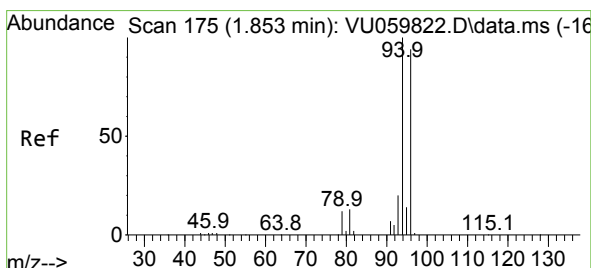
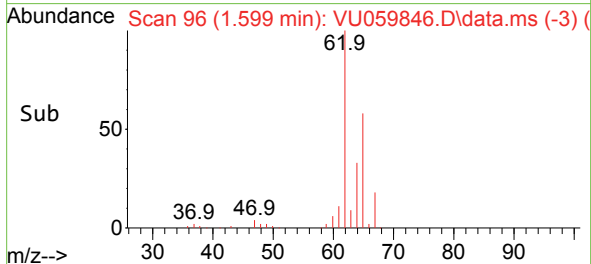
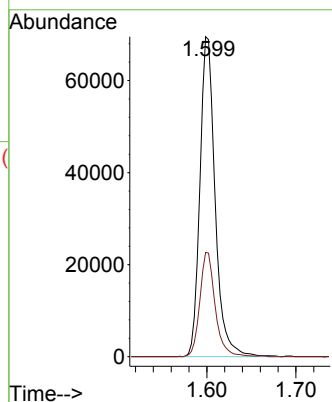
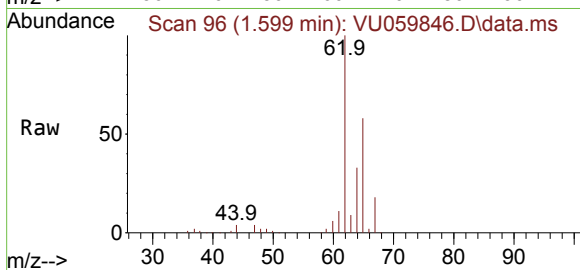
ClientSampleId :

Tgt Ion: 62 Resp: 82698

Ion Ratio Lower Upper

62 100

64 32.6 23.1 42.9



#6

Bromomethane

Concen: 4.258 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.000 min

Lab File: VU059846.D

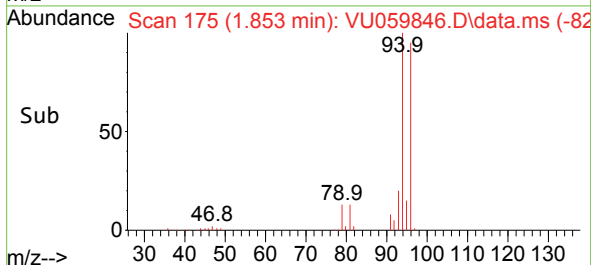
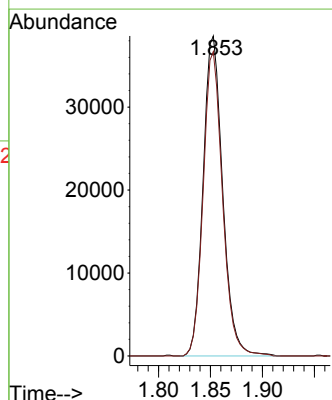
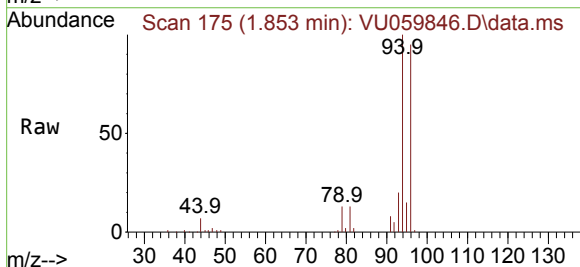
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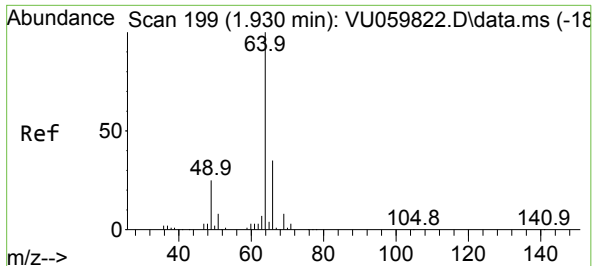
Tgt Ion: 94 Resp: 50473

Ion Ratio Lower Upper

94 100

96 95.1 62.9 116.9





#8

Chloroethane

Concen: 5.000 ug/L

RT: 1.927 min Scan# 19

Delta R.T. -0.003 min

Lab File: VU059846.D

Acq: 05 Jul 2024 08:26

Instrument :

MSVOA_U

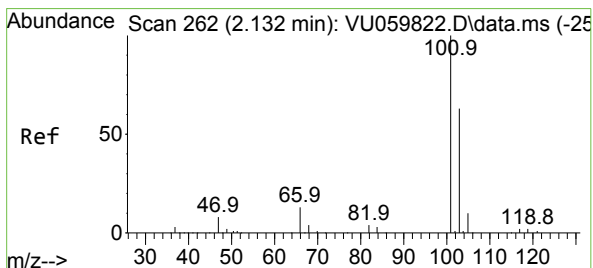
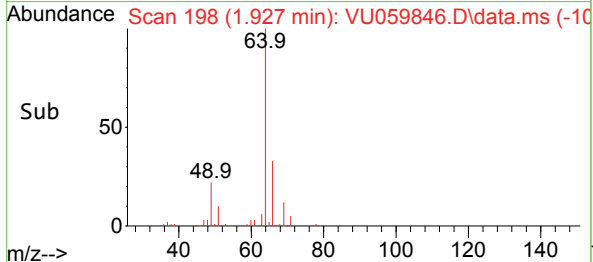
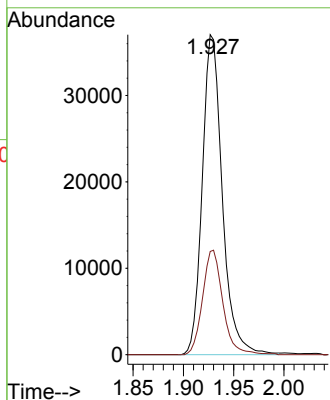
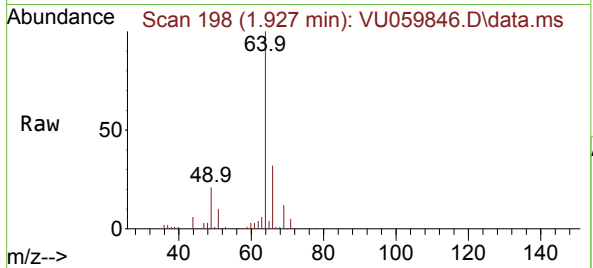
ClientSampleId :

Tgt Ion: 64 Resp: 51361

Ion Ratio Lower Upper

64 100

66 32.3 23.2 43.2



#9

Trichlorofluoromethane

Concen: 5.041 ug/L

RT: 2.132 min Scan# 262

Delta R.T. 0.000 min

Lab File: VU059846.D

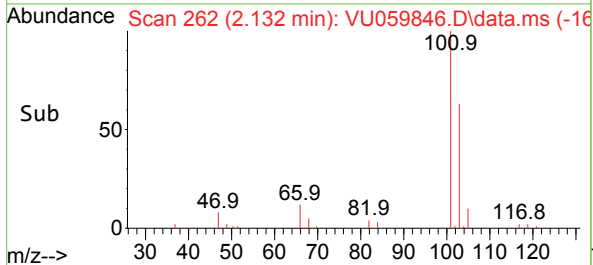
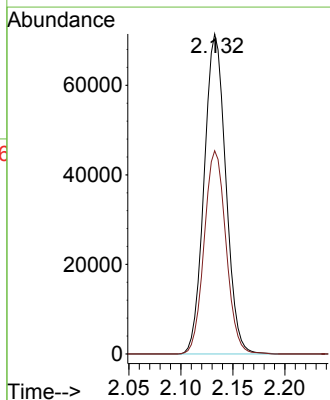
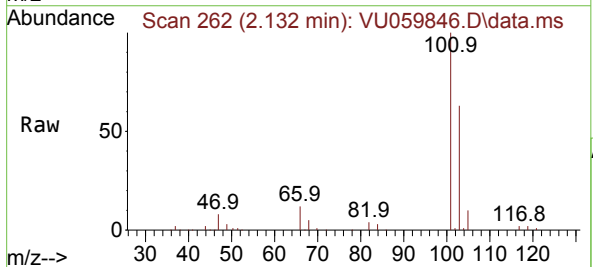
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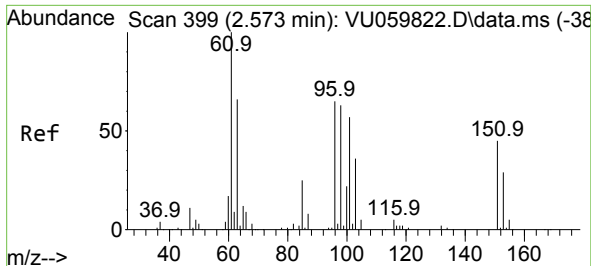
Tgt Ion:101 Resp: 103442

Ion Ratio Lower Upper

101 100

103 63.9 52.6 79.0

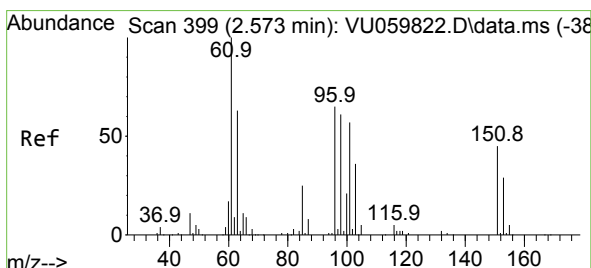
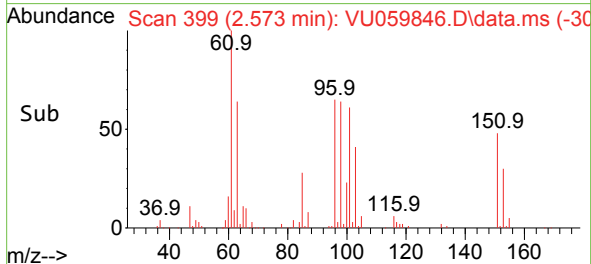
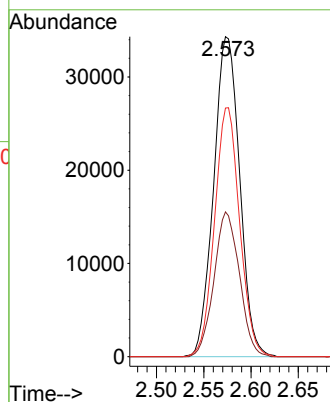
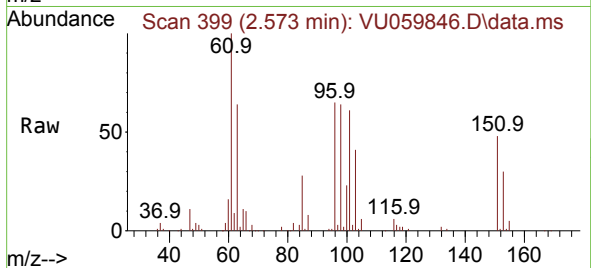




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.056 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU059846.D
Acq: 05 Jul 2024 08:26

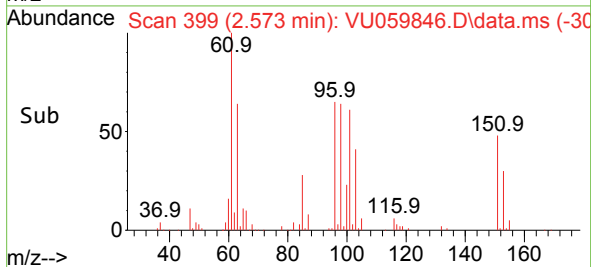
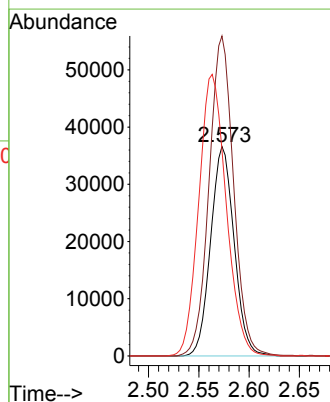
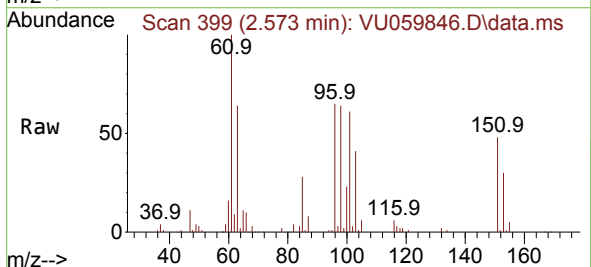
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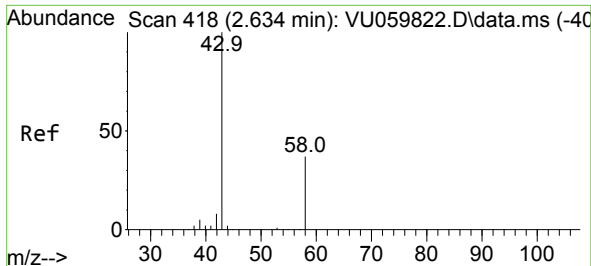
Tgt Ion:101 Resp: 65683
Ion Ratio Lower Upper
101 100
85 44.2 36.2 54.4
151 75.1 55.5 83.3



#12
1,1-Dichloroethene
Concen: 4.957 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU059846.D
Acq: 05 Jul 2024 08:26

Tgt Ion: 96 Resp: 59484
Ion Ratio Lower Upper
96 100
61 152.8 122.9 228.3
63 98.5 80.4 149.4





#13

Acetone

Concen: 49.235 ug/L

RT: 2.628 min Scan# 41

Delta R.T. -0.006 min

Lab File: VU059846.D

Acq: 05 Jul 2024 08:26

Instrument :

MSVOA_U

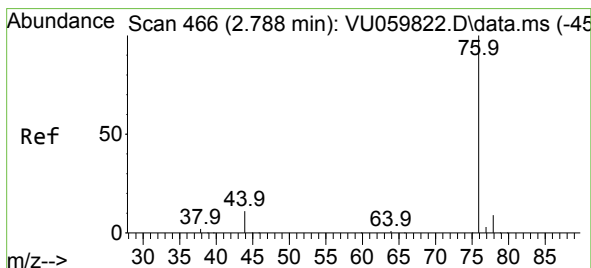
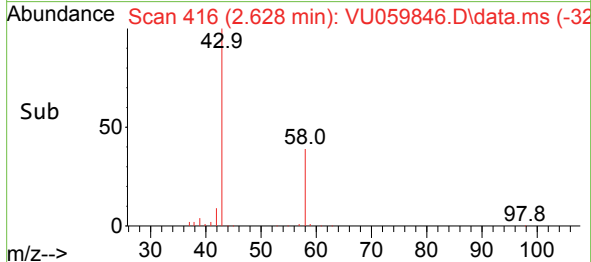
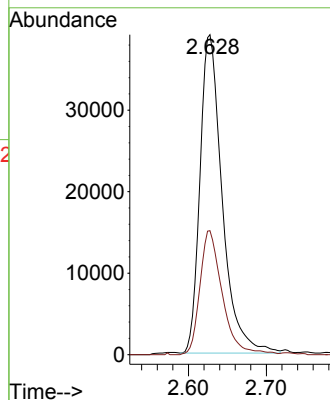
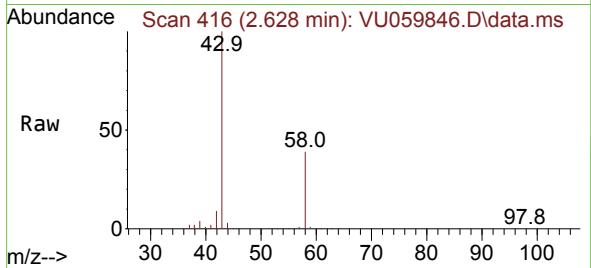
ClientSampleId :

Tgt Ion: 43 Resp: 77406

Ion Ratio Lower Upper

43 100

58 39.2 0.0 68.0



#14

Carbon disulfide

Concen: 4.684 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU059846.D

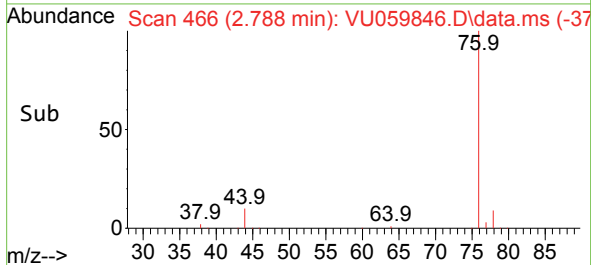
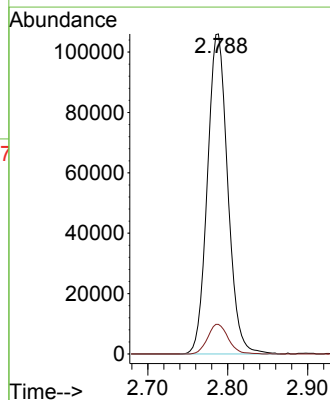
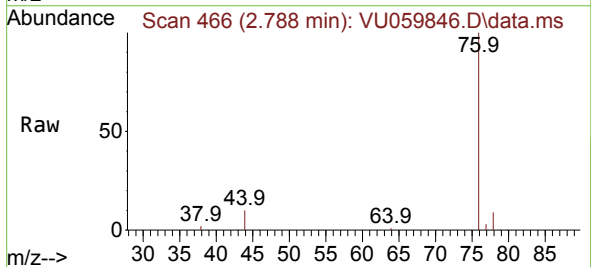
Acq: 05 Jul 2024 08:26

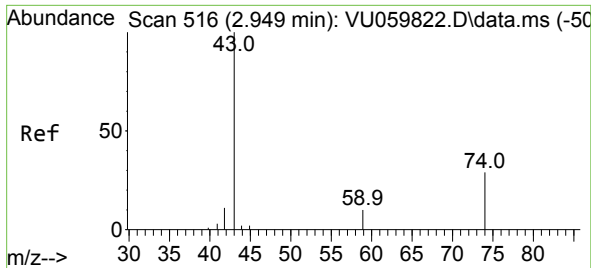
Tgt Ion: 76 Resp: 187559

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9

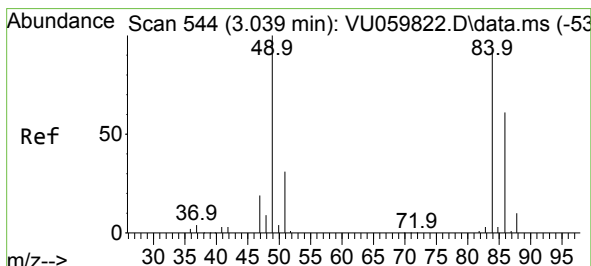
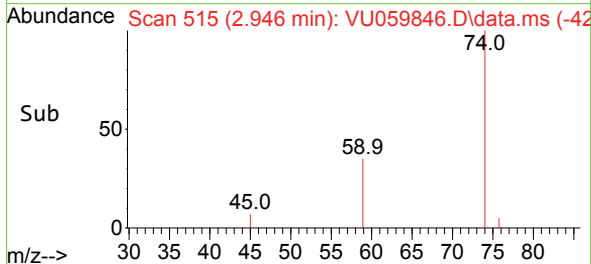
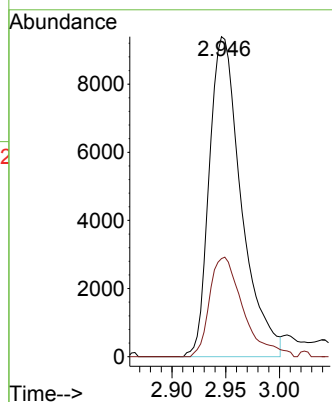
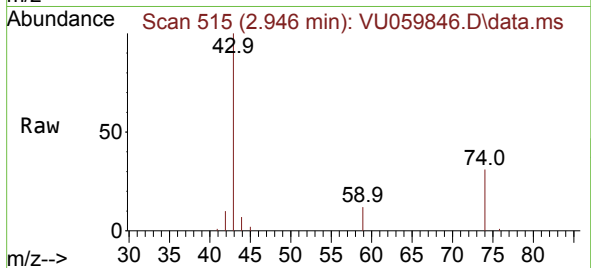




#15
Methyl Acetate
Concen: 4.689 ug/L
RT: 2.946 min Scan# 516
Delta R.T. -0.003 min
Lab File: VU059846.D
Acq: 05 Jul 2024 08:26

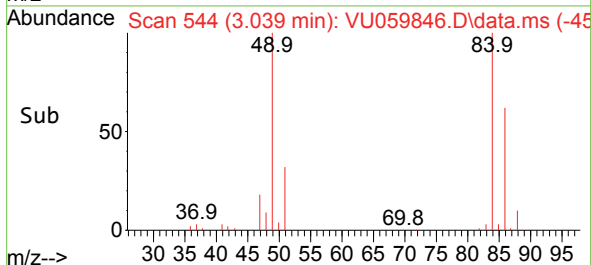
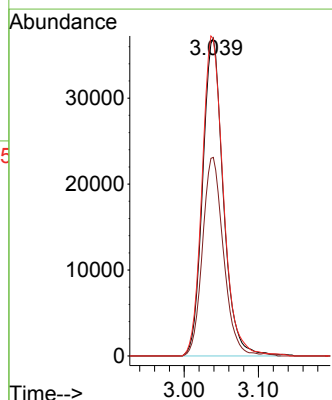
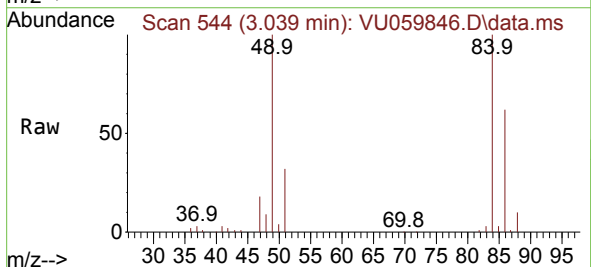
Instrument :
MSVOA_U
ClientSampleId :

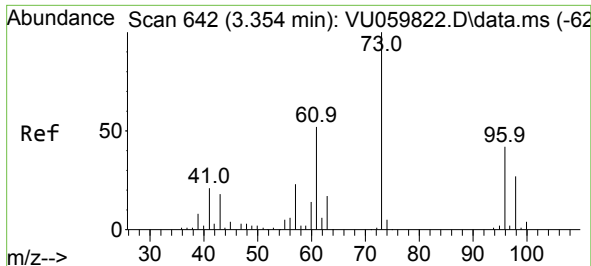
Tgt Ion: 43 Resp: 19455
Ion Ratio Lower Upper
43 100
74 32.5 19.2 28.8#



#16
Methylene chloride
Concen: 5.025 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU059846.D
Acq: 05 Jul 2024 08:26

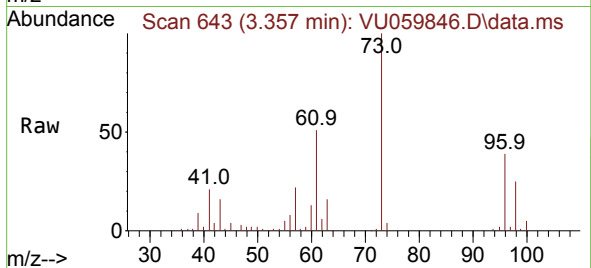
Tgt Ion: 84 Resp: 71454
Ion Ratio Lower Upper
84 100
86 62.5 42.1 78.1
49 99.8 80.6 149.8



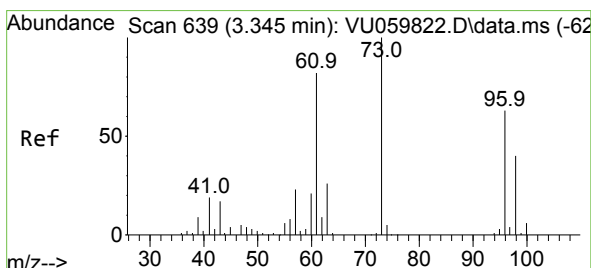
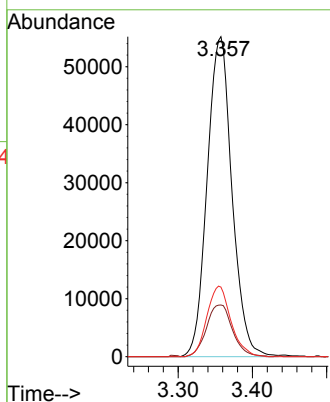
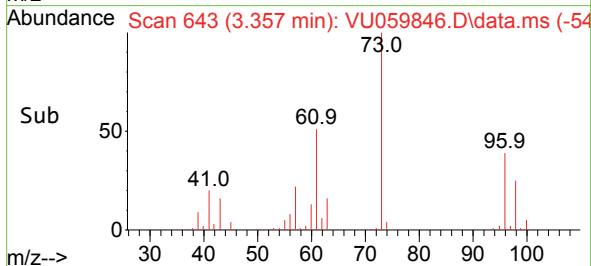


#17
Methyl tert-butyl Ether
Concen: 4.948 ug/L
RT: 3.357 min Scan# 642
Delta R.T. 0.003 min
Lab File: VU059846.D
Acq: 05 Jul 2024 08:26

Instrument :
MSVOA_U
ClientSampleId :

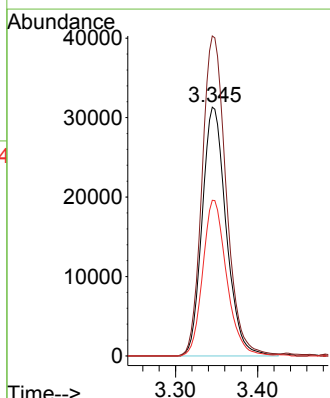
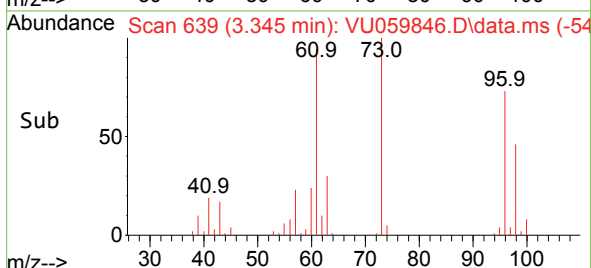
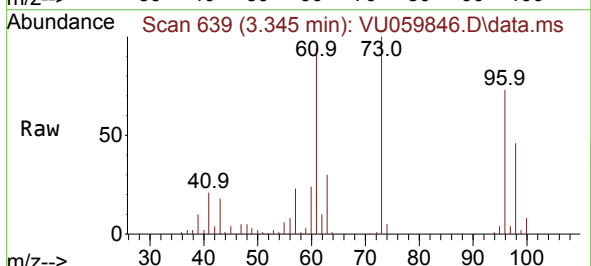


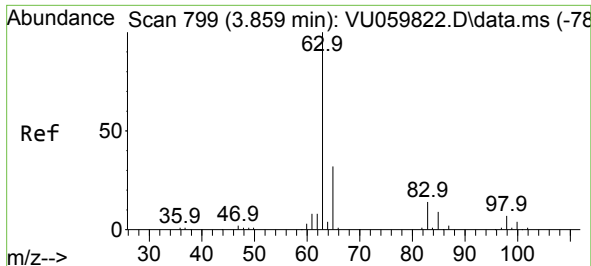
Tgt Ion: 73 Resp: 127956
Ion Ratio Lower Upper
73 100
43 17.0 14.9 22.3
57 21.4 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 5.099 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU059846.D
Acq: 05 Jul 2024 08:26

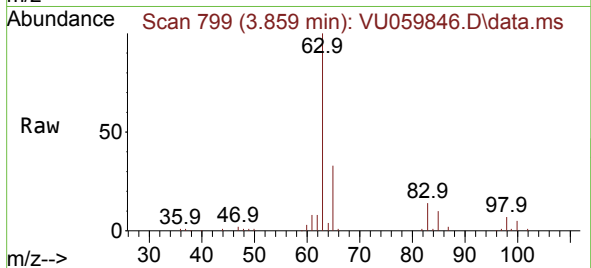
Tgt Ion: 96 Resp: 63644
Ion Ratio Lower Upper
96 100
61 128.6 101.8 189.0
98 62.5 43.3 80.5



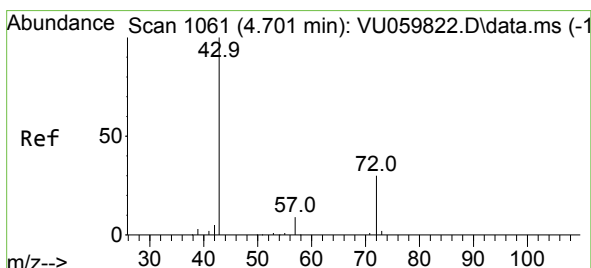
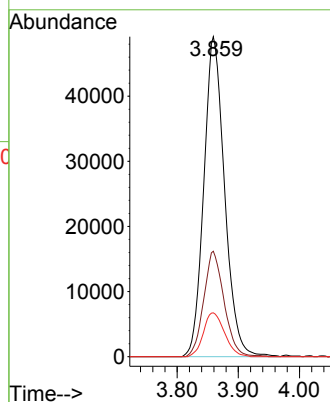
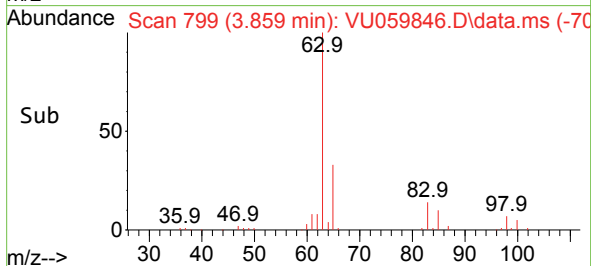


#19
1,1-Dichloroethane
Concen: 5.041 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU059846.D
Acq: 05 Jul 2024 08:26

Instrument :
MSVOA_U
ClientSampleId :

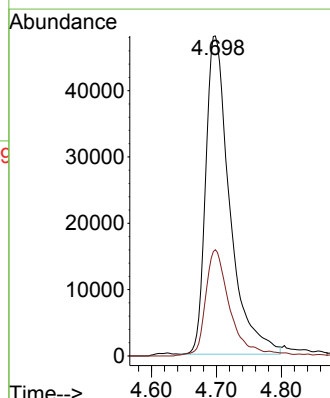
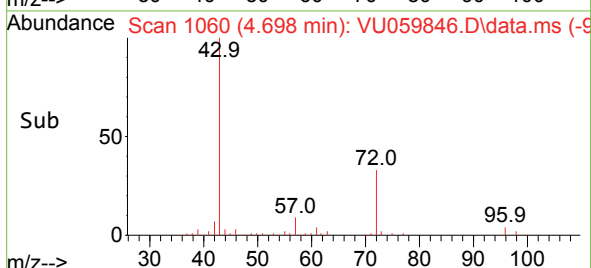
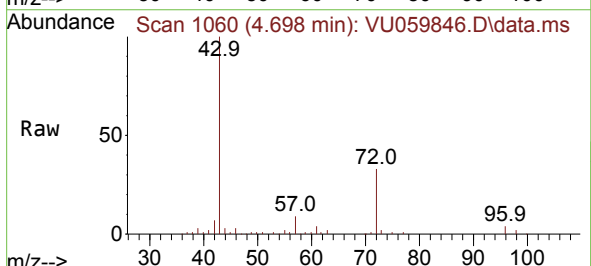


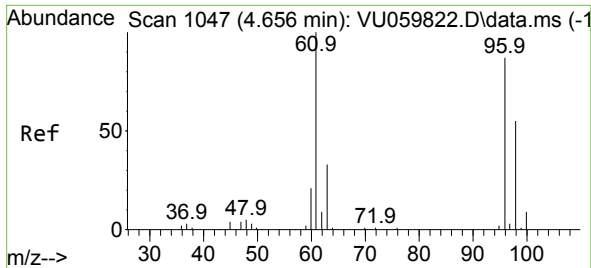
Tgt Ion: 63 Resp: 116018
Ion Ratio Lower Upper
63 100
65 32.9 21.8 40.6
83 13.7 9.9 18.5



#21
2-Butanone
Concen: 48.974 ug/L
RT: 4.698 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VU059846.D
Acq: 05 Jul 2024 08:26

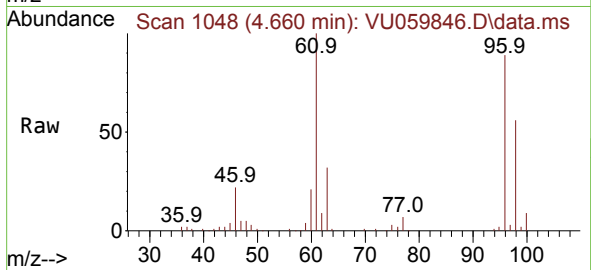
Tgt Ion: 43 Resp: 123498
Ion Ratio Lower Upper
43 100
72 32.9 13.8 41.4



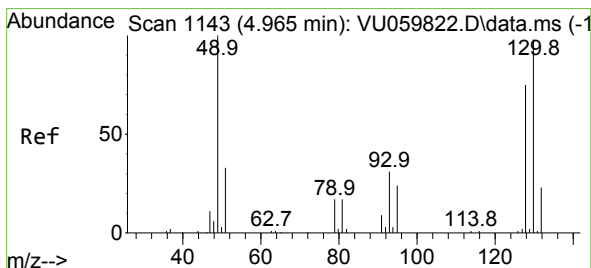
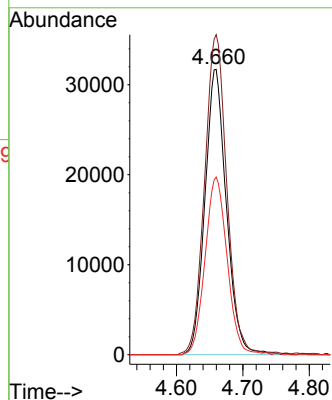
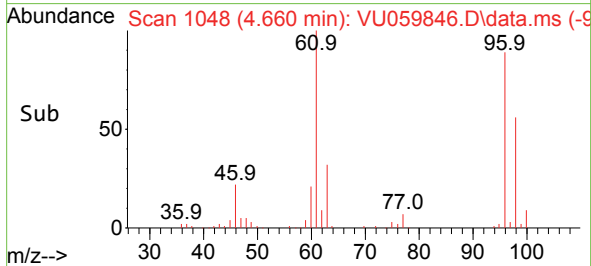


#22
 cis-1,2-Dichloroethene
 Concen: 5.186 ug/L
 RT: 4.660 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU059846.D
 Acq: 05 Jul 2024 08:26

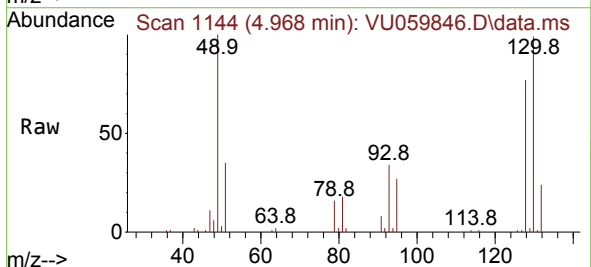
Instrument :
 MSVOA_U
 ClientSampleId :



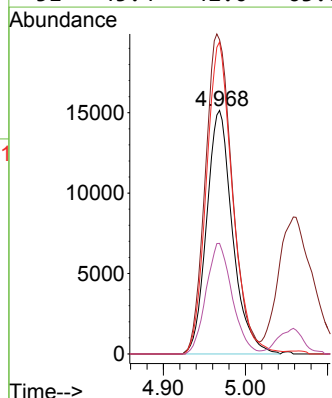
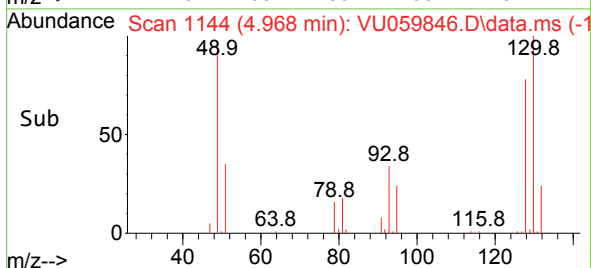
Tgt Ion: 96 Resp: 71339
 Ion Ratio Lower Upper
 96 100
 61 112.2 87.4 162.2
 98 62.3 42.3 78.5

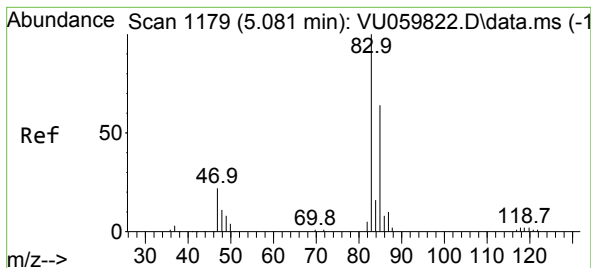


#23
 Bromochloromethane
 Concen: 5.295 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU059846.D
 Acq: 05 Jul 2024 08:26



Tgt Ion: 128 Resp: 33209
 Ion Ratio Lower Upper
 128 100
 49 129.1 117.0 217.4
 130 128.2 89.6 166.4
 51 45.4 42.0 63.0





#25

Chloroform

Concen: 5.097 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.003 min

Lab File: VU059846.D

Acq: 05 Jul 2024 08:26

Instrument :

MSVOA_U

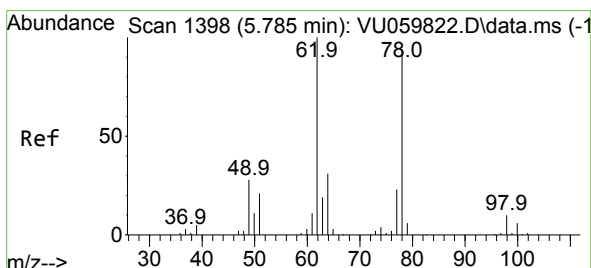
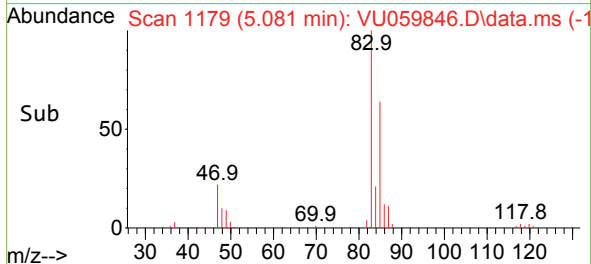
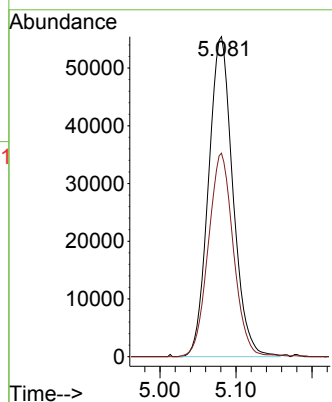
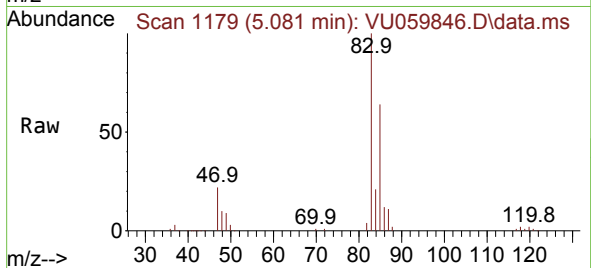
ClientSampleId :

Tgt Ion: 83 Resp: 123564

Ion Ratio Lower Upper

83 100

85 63.6 44.7 83.1



#27

1,2-Dichloroethane

Concen: 4.804 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU059846.D

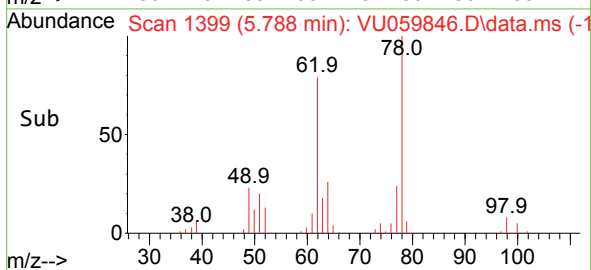
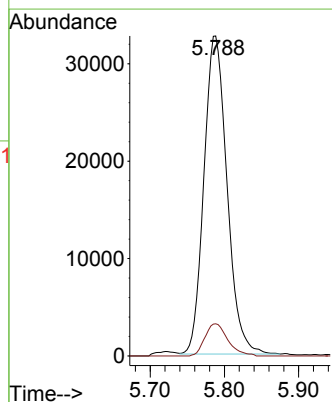
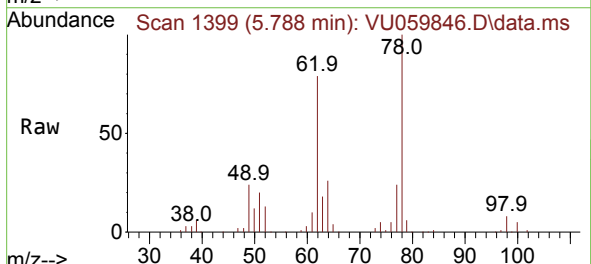
Acq: 05 Jul 2024 08:26

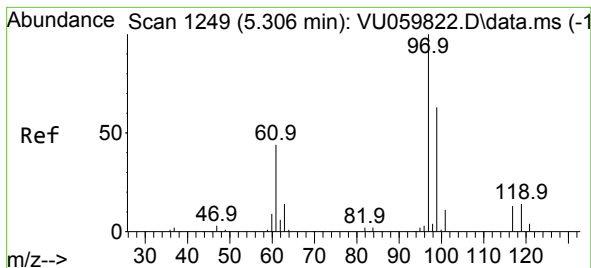
Tgt Ion: 62 Resp: 70568

Ion Ratio Lower Upper

62 100

98 10.1 7.5 11.3





#29

1,1,1-Trichloroethane

Concen: 5.045 ug/L

RT: 5.309 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU059846.D

Acq: 05 Jul 2024 08:26

Instrument :

MSVOA_U

ClientSampleId :

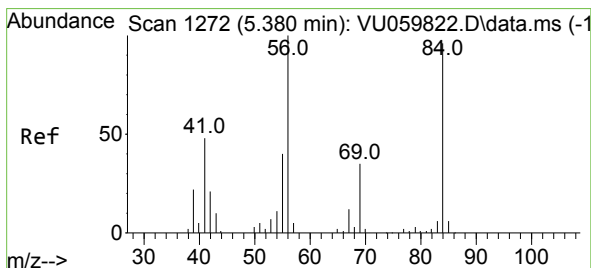
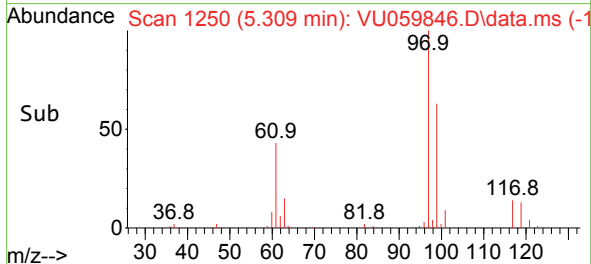
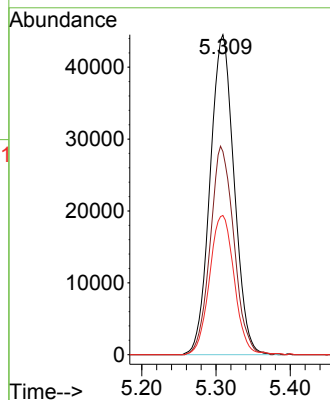
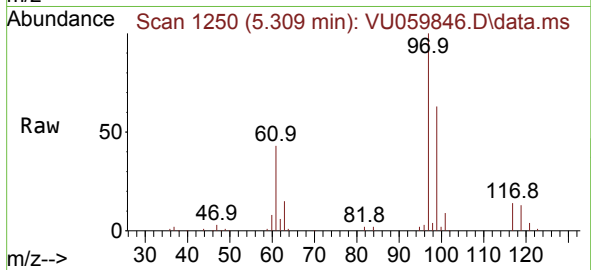
Tgt Ion: 97 Resp: 100019

Ion Ratio Lower Upper

97 100

99 64.4 51.8 77.6

61 44.9 37.4 56.2



#30

Cyclohexane

Concen: 4.992 ug/L

RT: 5.380 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VU059846.D

Acq: 05 Jul 2024 08:26

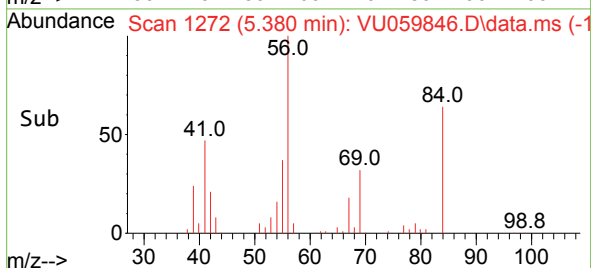
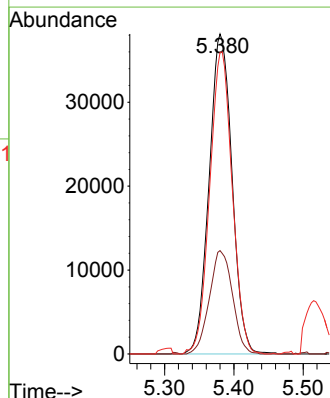
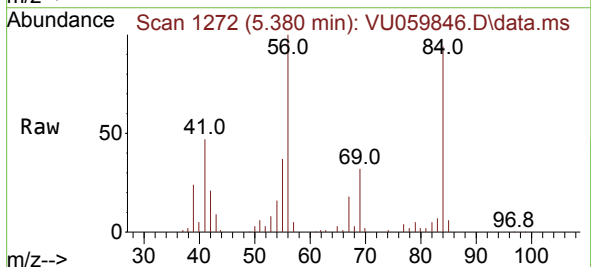
Tgt Ion: 56 Resp: 87382

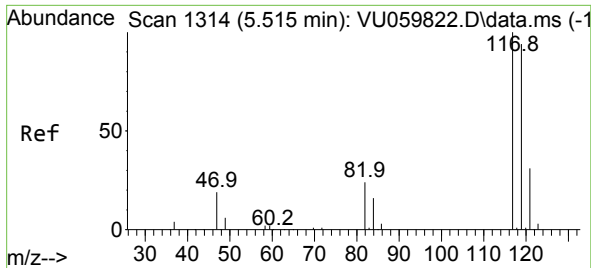
Ion Ratio Lower Upper

56 100

69 32.7 24.8 37.2

84 92.9 69.8 104.8

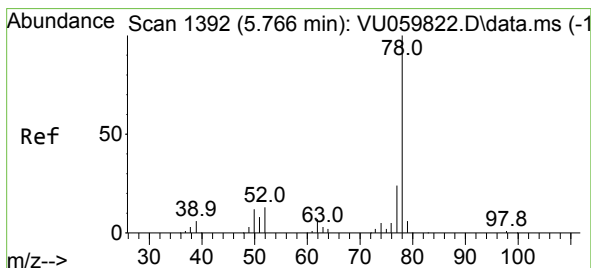
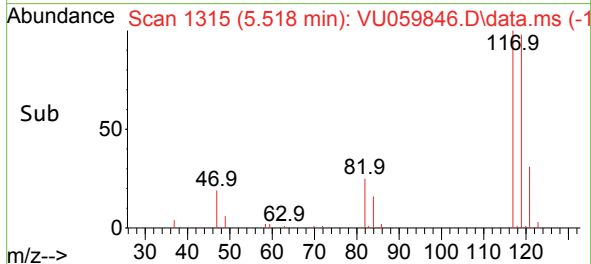
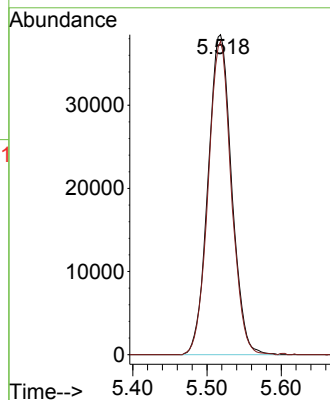
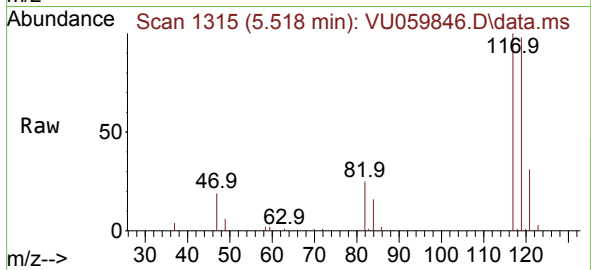




#31
Carbon tetrachloride
Concen: 5.131 ug/L
RT: 5.518 min Scan# 117
Delta R.T. 0.003 min
Lab File: VU059846.D
Acq: 05 Jul 2024 08:26

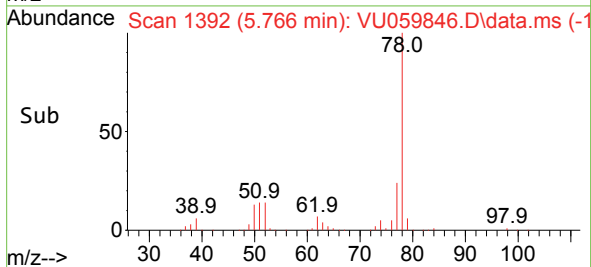
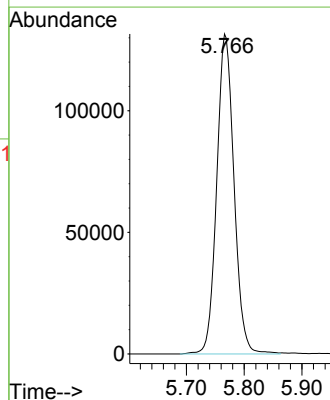
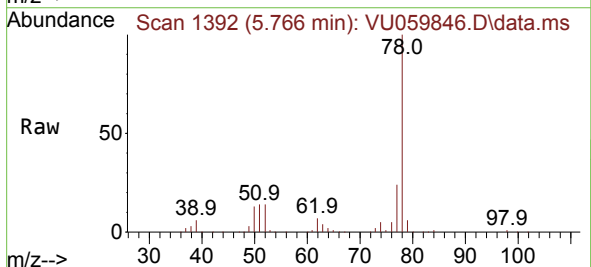
Instrument :
MSVOA_U
ClientSampleId :

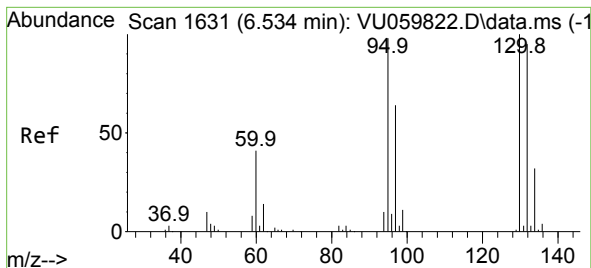
Tgt Ion:117 Resp: 85179
Ion Ratio Lower Upper
117 100
119 95.5 77.5 116.3



#33
Benzene
Concen: 5.245 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU059846.D
Acq: 05 Jul 2024 08:26

Tgt Ion: 78 Resp: 273480





#34

Trichloroethene

Concen: 5.023 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU059846.D

Acq: 05 Jul 2024 08:26

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 70929

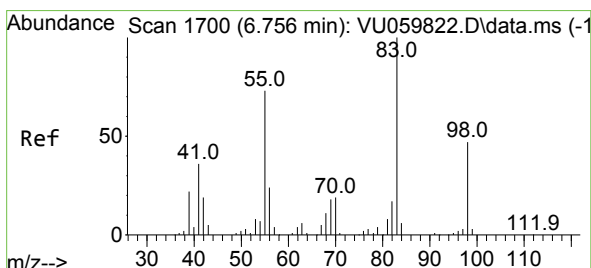
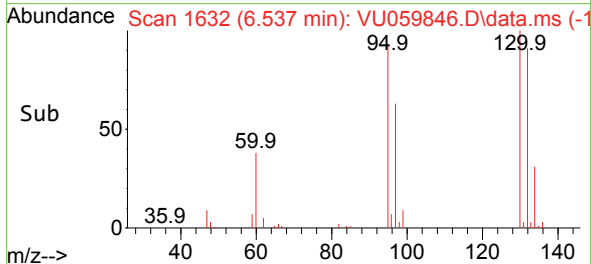
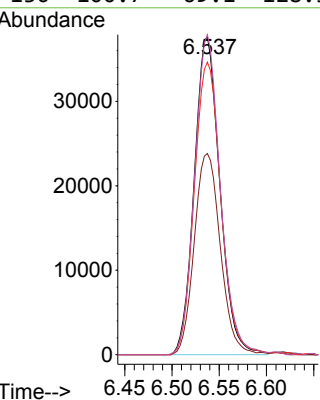
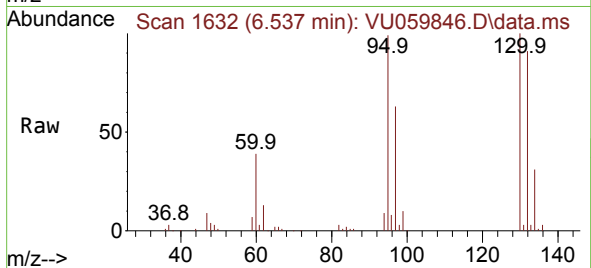
Ion Ratio Lower Upper

95 100

97 63.3 45.3 84.1

132 92.1 64.0 119.0

130 100.7 69.1 128.3



#35

Methylcyclohexane

Concen: 4.846 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU059846.D

Acq: 05 Jul 2024 08:26

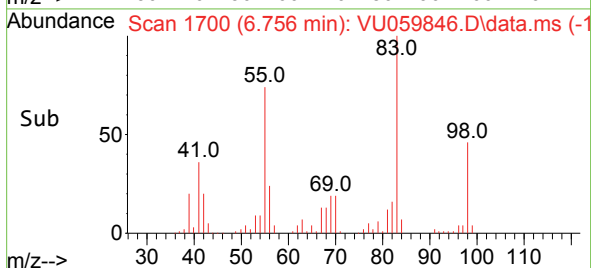
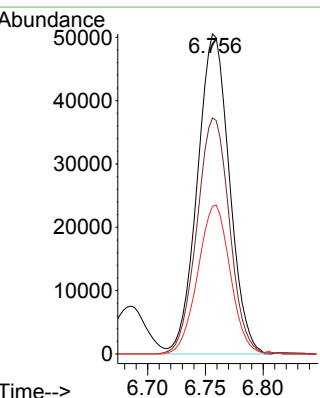
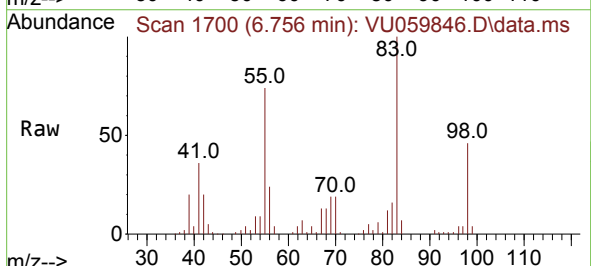
Tgt Ion: 83 Resp: 97368

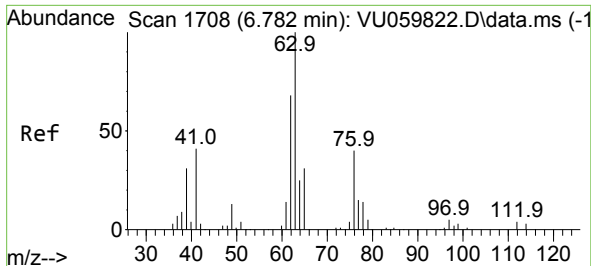
Ion Ratio Lower Upper

83 100

55 75.1 62.7 94.1

98 47.0 35.4 53.0





#37

1,2-Dichloropropane

Concen: 5.238 ug/L

RT: 6.785 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU059846.D

Acq: 05 Jul 2024 08:26

Instrument :

MSVOA_U

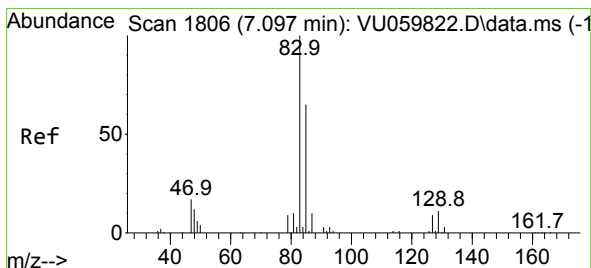
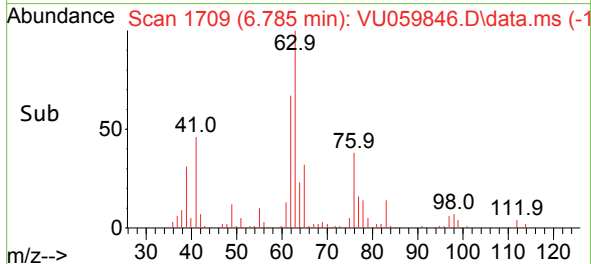
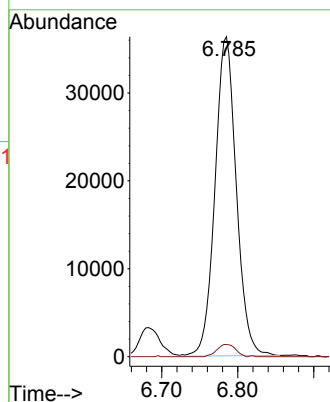
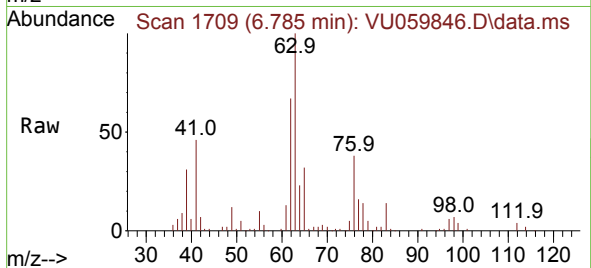
ClientSampleId :

Tgt Ion: 63 Resp: 70676

Ion Ratio Lower Upper

63 100

112 3.4 2.6 3.8



#38

Bromodichloromethane

Concen: 5.166 ug/L

RT: 7.097 min Scan# 1806

Delta R.T. -0.003 min

Lab File: VU059846.D

Acq: 05 Jul 2024 08:26

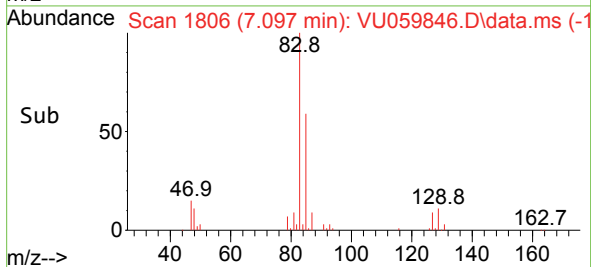
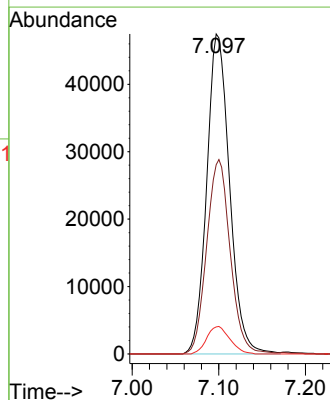
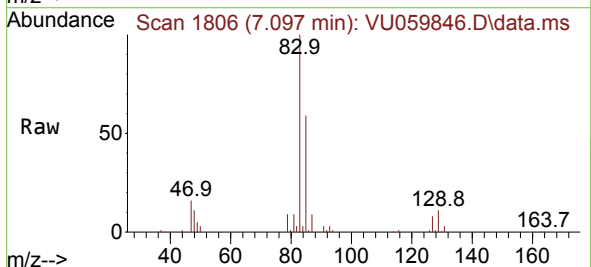
Tgt Ion: 83 Resp: 87002

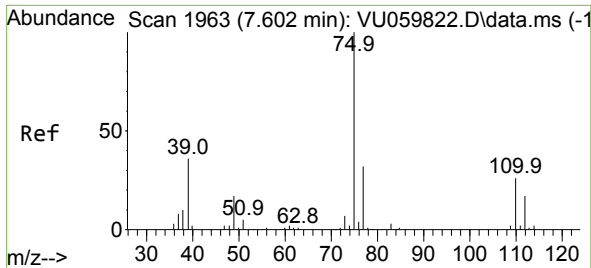
Ion Ratio Lower Upper

83 100

85 59.1 42.7 79.3

127 8.5 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 5.172 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VU059846.D

Acq: 05 Jul 2024 08:26

Instrument :

MSVOA_U

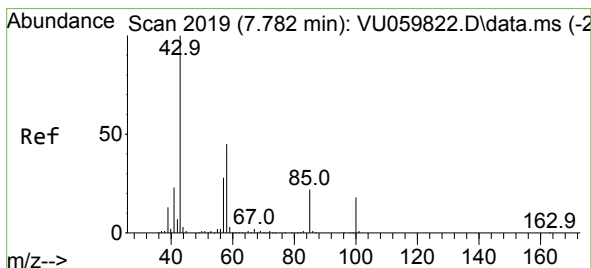
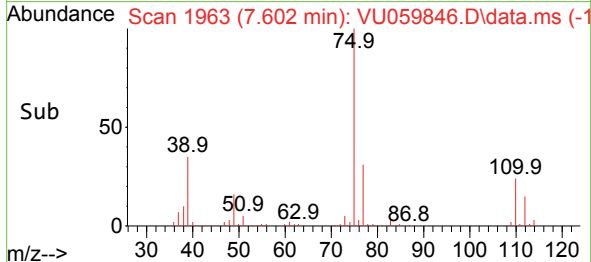
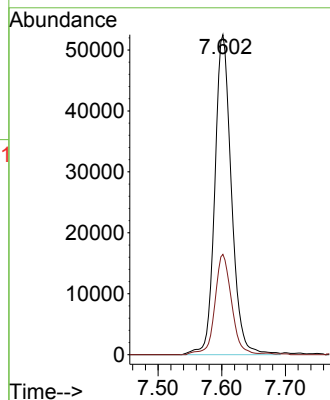
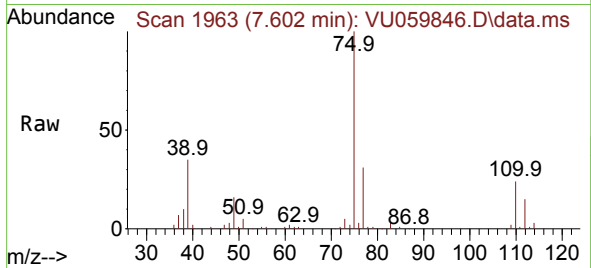
ClientSampleId :

Tgt Ion: 75 Resp: 95436

Ion Ratio Lower Upper

75 100

77 31.4 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 49.738 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. 0.003 min

Lab File: VU059846.D

Acq: 05 Jul 2024 08:26

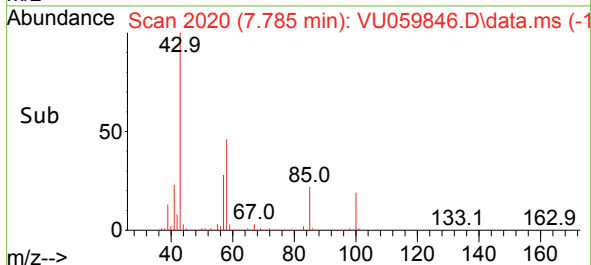
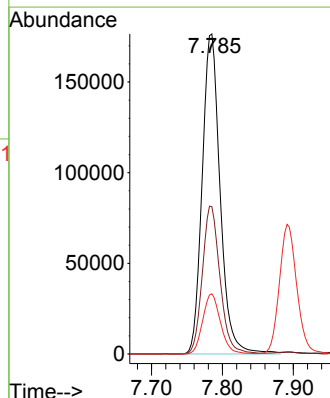
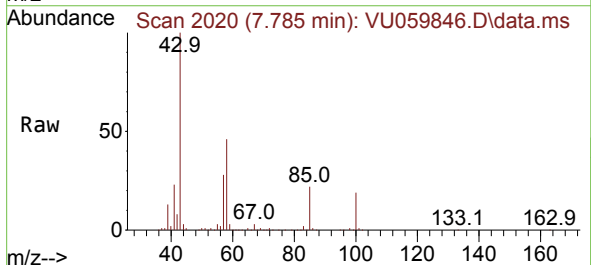
Tgt Ion: 43 Resp: 310971

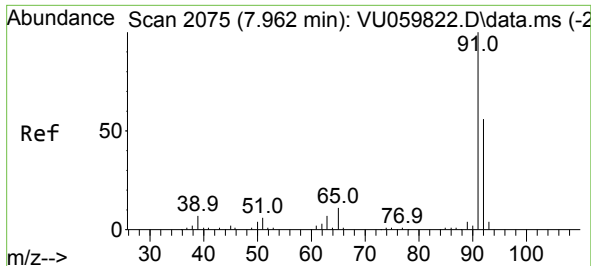
Ion Ratio Lower Upper

43 100

58 45.5 34.0 51.0

100 18.6 12.1 18.1#





#42

Toluene

Concen: 5.356 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU059846.D

Acq: 05 Jul 2024 08:26

Instrument :

MSVOA_U

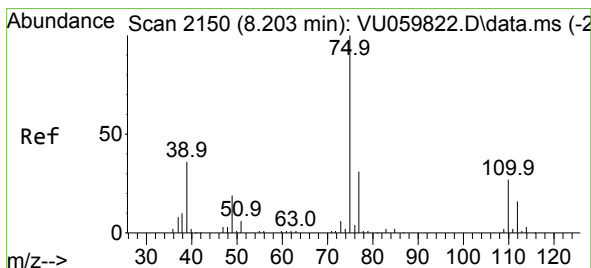
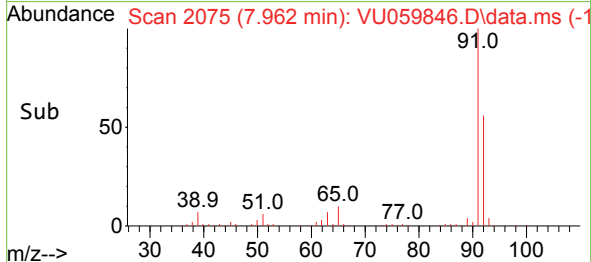
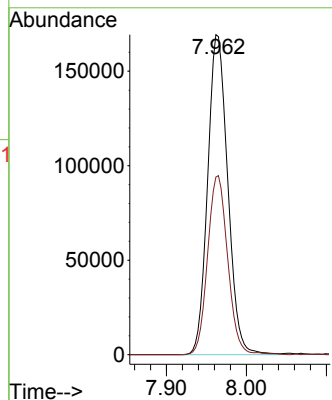
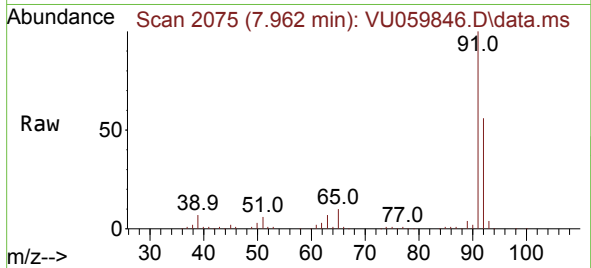
ClientSampleId :

Tgt Ion: 91 Resp: 295663

Ion Ratio Lower Upper

91 100

92 55.5 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 5.366 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU059846.D

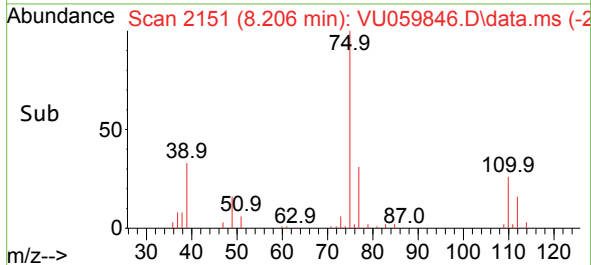
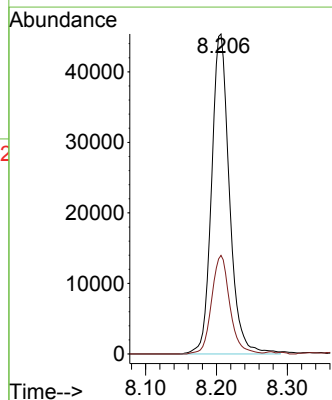
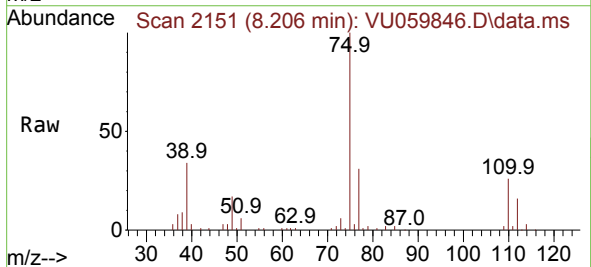
Acq: 05 Jul 2024 08:26

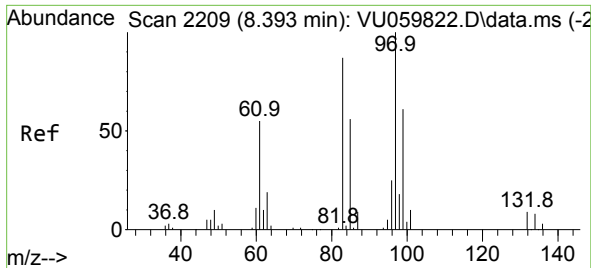
Tgt Ion: 75 Resp: 79476

Ion Ratio Lower Upper

75 100

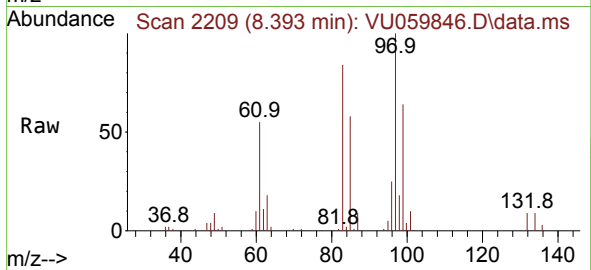
77 30.8 22.0 41.0



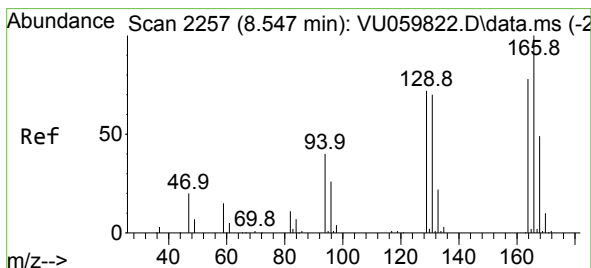
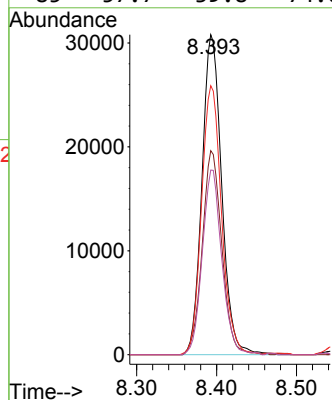
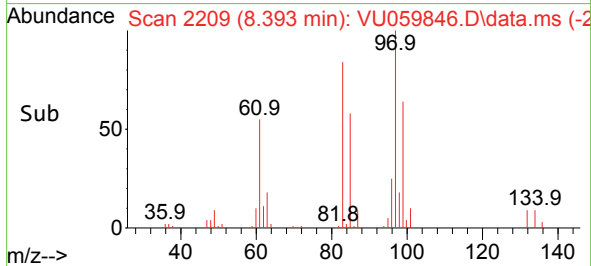


#45
1,1,2-Trichloroethane
Concen: 5.323 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU059846.D
Acq: 05 Jul 2024 08:26

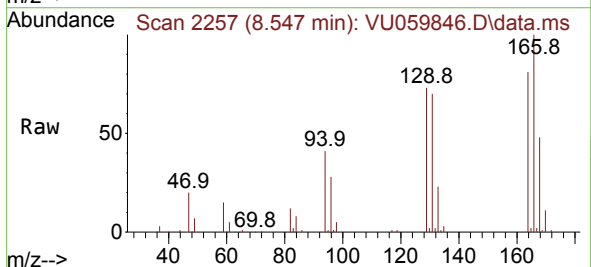
Instrument :
MSVOA_U
ClientSampleId :



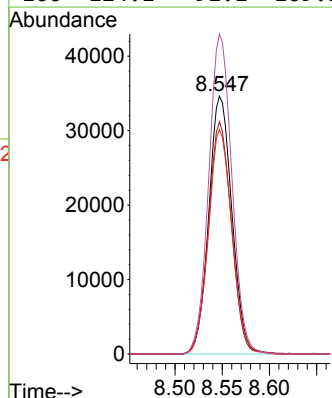
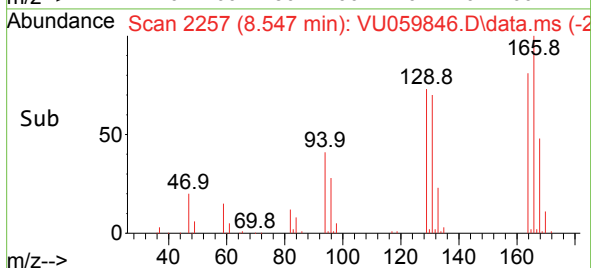
Tgt Ion:	97	Resp:	52928
Ion	Ratio	Lower	Upper
97	100		
99	63.8	43.3	80.3
83	84.1	62.3	115.7
85	57.7	39.8	74.0

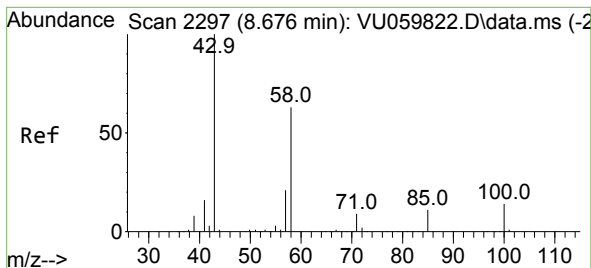


#47
Tetrachloroethene
Concen: 5.386 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU059846.D
Acq: 05 Jul 2024 08:26



Tgt Ion:	164	Resp:	59017
Ion	Ratio	Lower	Upper
164	100		
129	90.0	70.8	131.4
131	87.0	64.8	120.3
166	124.1	91.1	169.1





#48

2-Hexanone

Concen: 50.935 ug/L

RT: 8.679 min Scan# 2297

Delta R.T. 0.003 min

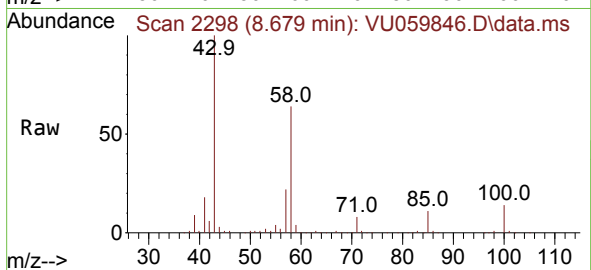
Lab File: VU059846.D

Acq: 05 Jul 2024 08:26

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 227278

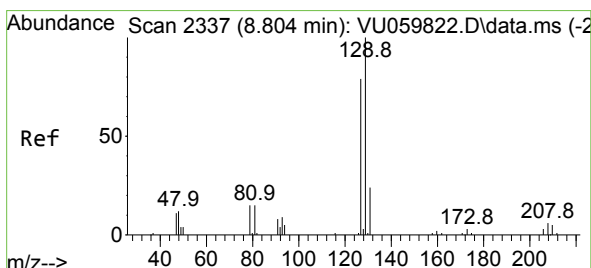
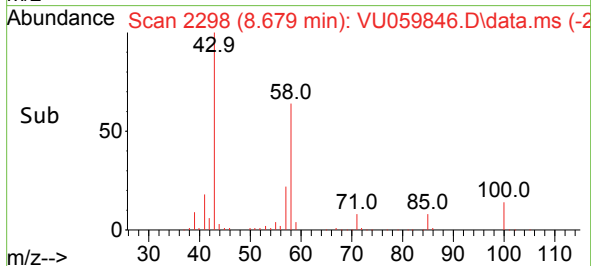
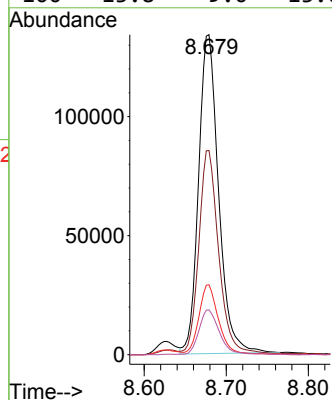
Ion Ratio Lower Upper

43 100

58 63.2 46.1 69.1

57 20.9 15.5 23.3

100 13.8 9.0 13.6#



#49

Dibromochloromethane

Concen: 5.284 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. 0.003 min

Lab File: VU059846.D

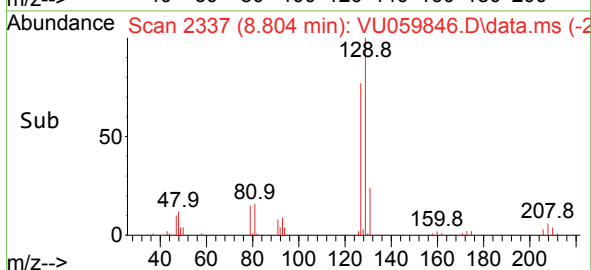
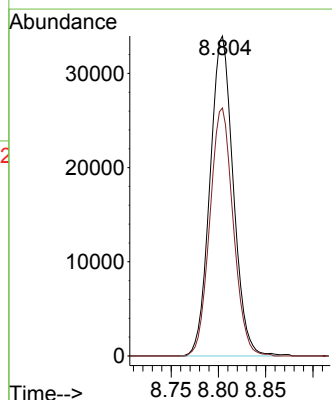
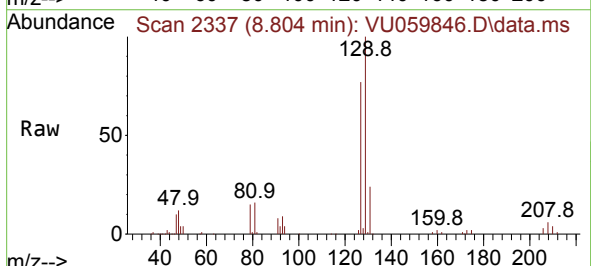
Acq: 05 Jul 2024 08:26

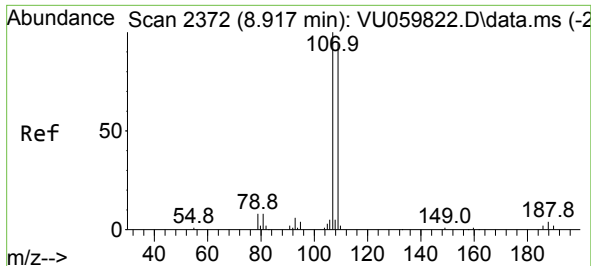
Tgt Ion: 129 Resp: 58202

Ion Ratio Lower Upper

129 100

127 77.5 52.5 97.5





#50

1,2-Dibromoethane

Concen: 5.233 ug/L

RT: 8.917 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU059846.D

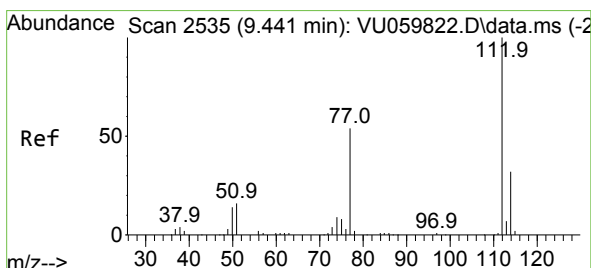
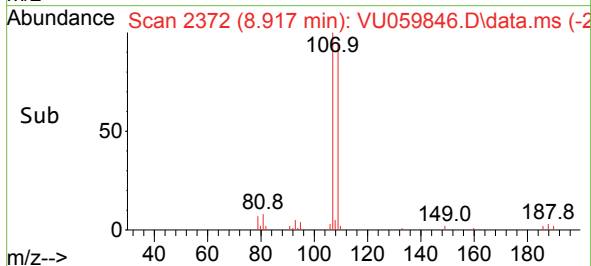
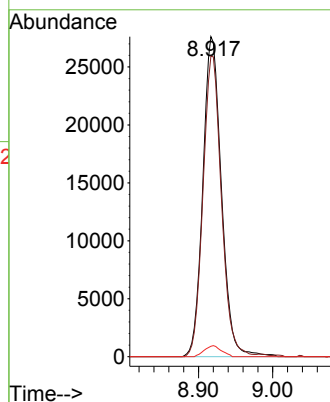
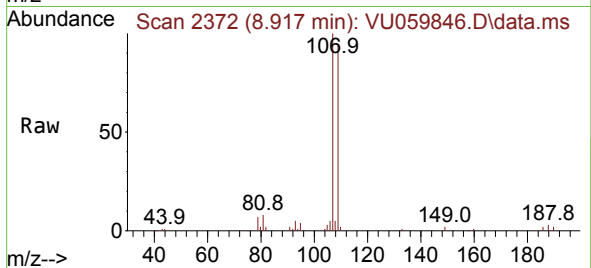
Acq: 05 Jul 2024 08:26

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	48047
Ion Ratio	Lower	Upper	
107	100		
109	93.9	66.9	124.3
188	3.2	2.7	4.1



#51

Chlorobenzene

Concen: 5.215 ug/L

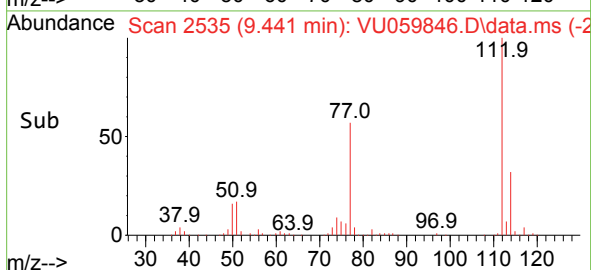
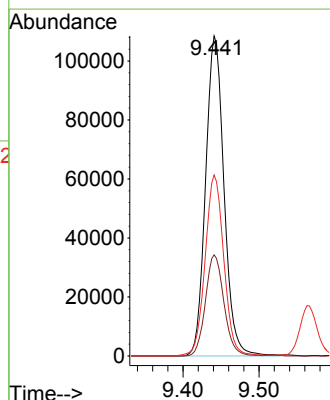
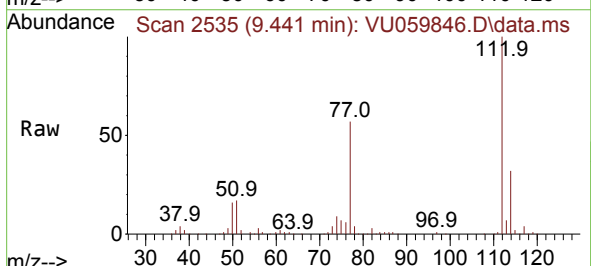
RT: 9.441 min Scan# 2535

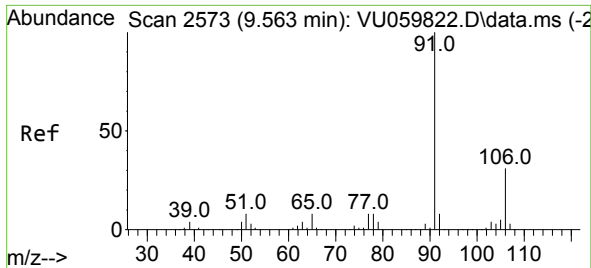
Delta R.T. 0.000 min

Lab File: VU059846.D

Acq: 05 Jul 2024 08:26

Tgt Ion:	112	Resp:	182581
Ion Ratio	Lower	Upper	
112	100		
114	31.6	22.4	41.6
77	56.5	49.1	73.7

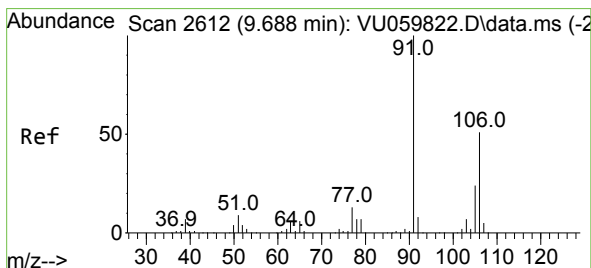
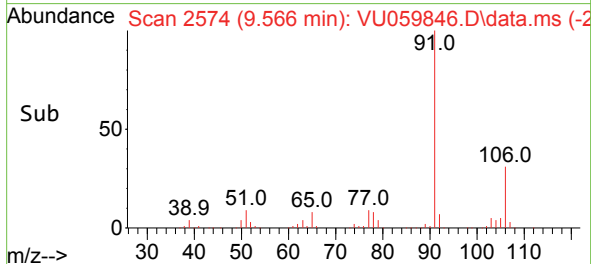
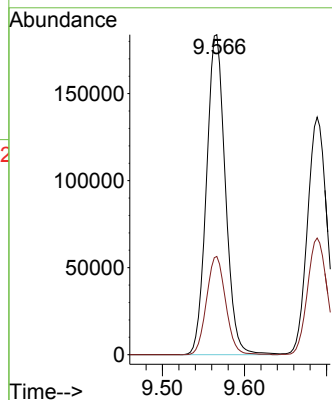
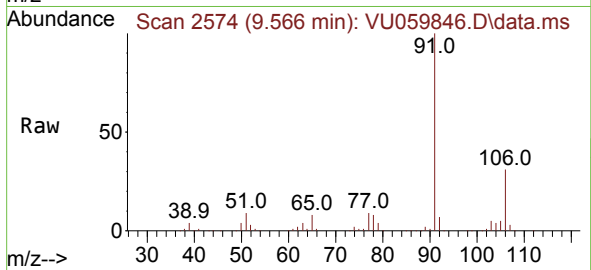




#52
Ethylbenzene
Concen: 5.188 ug/L
RT: 9.566 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU059846.D
Acq: 05 Jul 2024 08:26

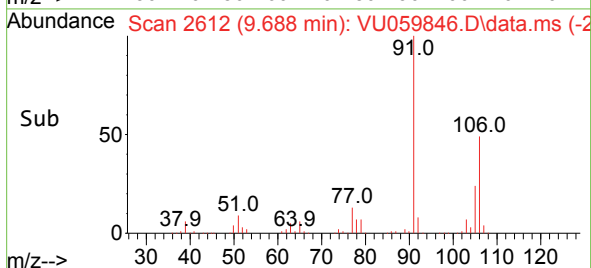
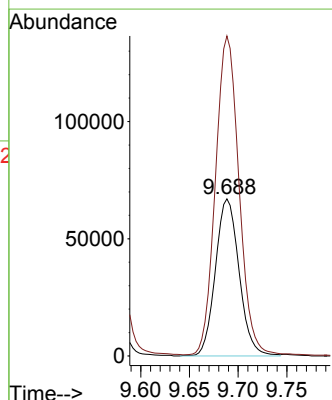
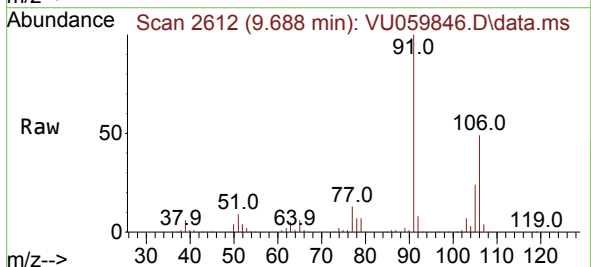
Instrument :
MSVOA_U
ClientSampleId :

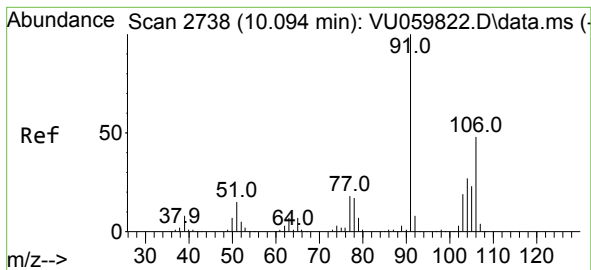
Tgt Ion: 91 Resp: 293750
Ion Ratio Lower Upper
91 100
106 30.7 20.9 38.7



#53
m,p-Xylene
Concen: 5.221 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU059846.D
Acq: 05 Jul 2024 08:26

Tgt Ion: 106 Resp: 113549
Ion Ratio Lower Upper
106 100
91 203.7 142.0 263.8





#54

o-Xylene

Concen: 5.235 ug/L

RT: 10.094 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU059846.D

Acq: 05 Jul 2024 08:26

Instrument :

MSVOA_U

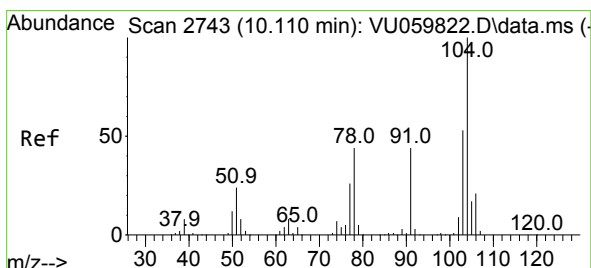
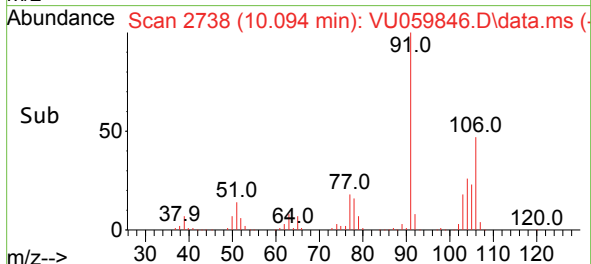
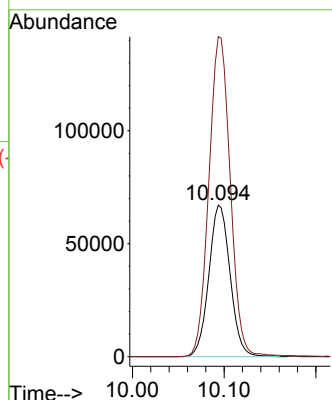
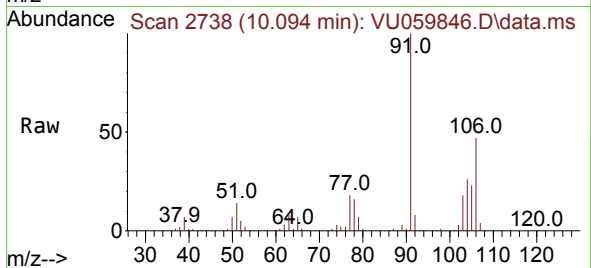
ClientSampleId :

Tgt Ion:106 Resp: 108041

Ion Ratio Lower Upper

106 100

91 211.1 151.6 281.6



#55

Styrene

Concen: 5.428 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. 0.000 min

Lab File: VU059846.D

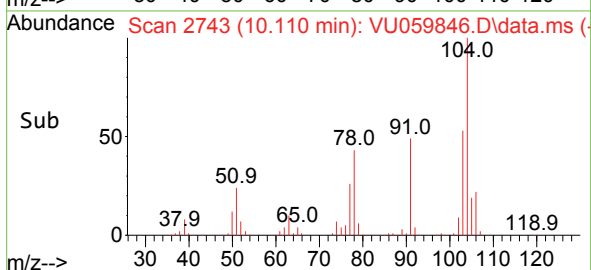
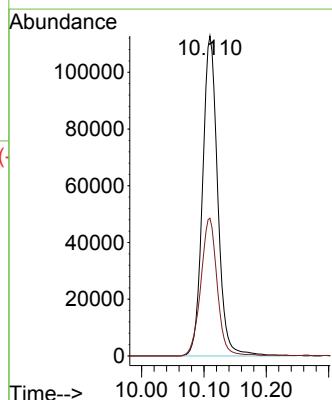
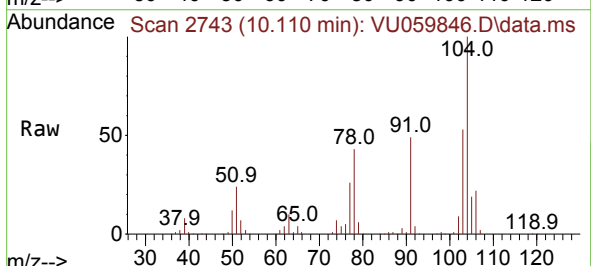
Acq: 05 Jul 2024 08:26

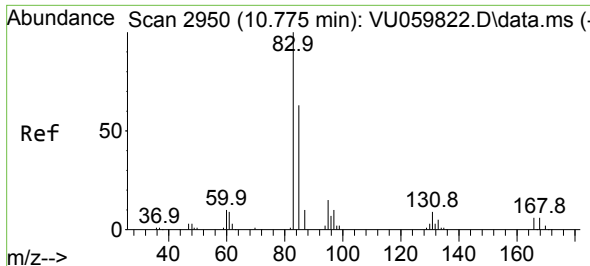
Tgt Ion:104 Resp: 190709

Ion Ratio Lower Upper

104 100

78 43.0 32.3 60.1

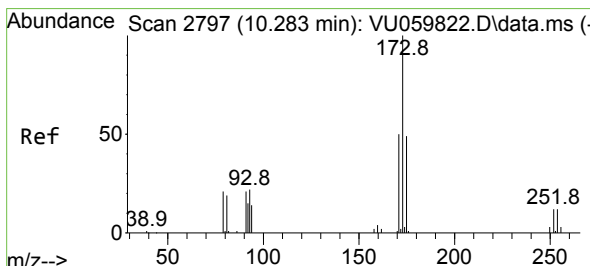
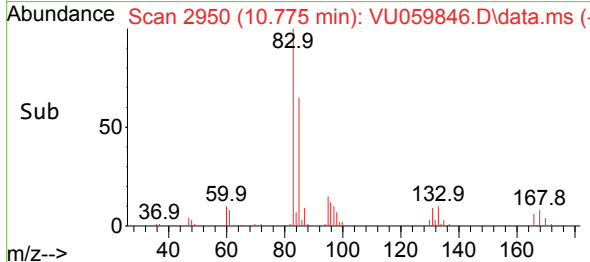
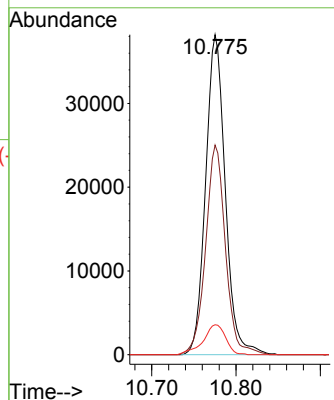
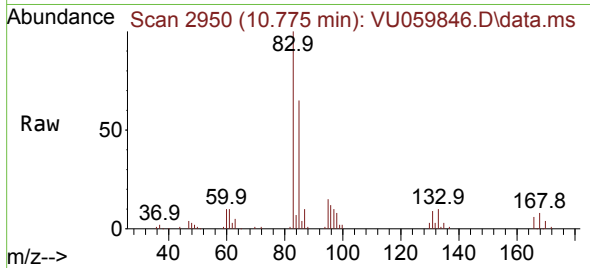




#57
1,1,2,2-Tetrachloroethane
Concen: 5.142 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU059846.D
Acq: 05 Jul 2024 08:26

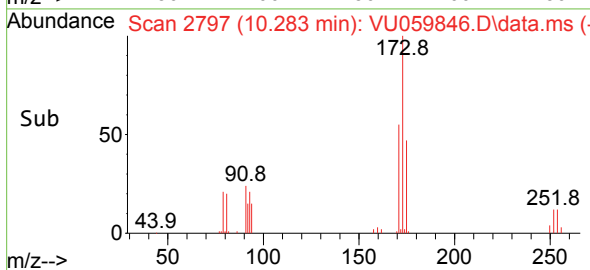
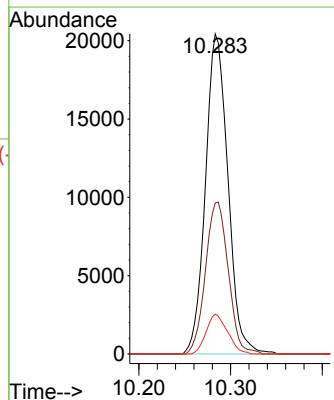
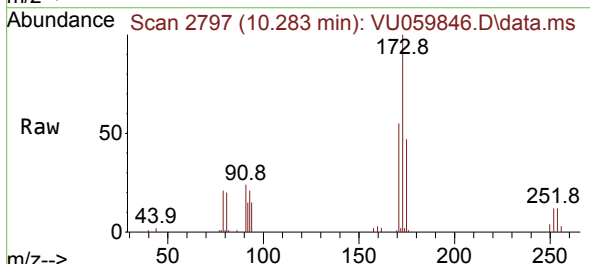
Instrument :
MSVOA_U
ClientSampleId :

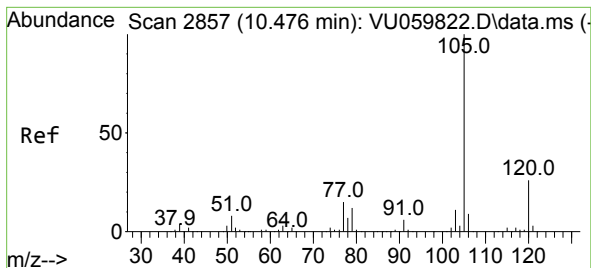
Tgt Ion: 83 Resp: 62018
Ion Ratio Lower Upper
83 100
85 65.5 44.7 82.9
131 9.3 6.9 10.3



#59
Bromoform
Concen: 5.098 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VU059846.D
Acq: 05 Jul 2024 08:26

Tgt Ion: 173 Resp: 34772
Ion Ratio Lower Upper
173 100
175 48.0 39.4 59.2
254 11.8 7.4 11.2#





#60

Isopropylbenzene

Concen: 5.206 ug/L

RT: 10.479 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU059846.D

Acq: 05 Jul 2024 08:26

Instrument :

MSVOA_U

ClientSampleId :

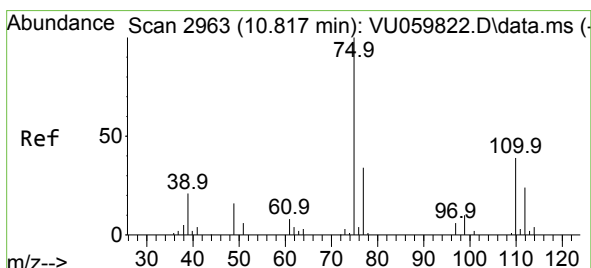
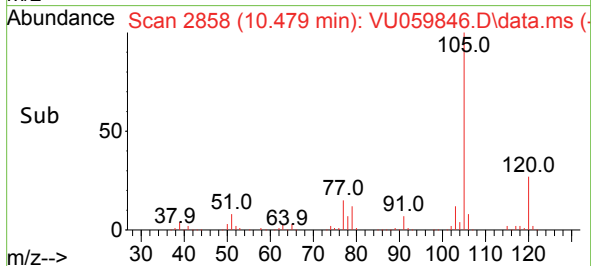
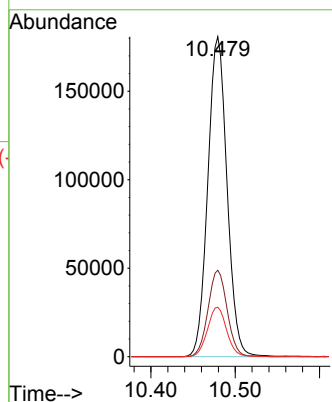
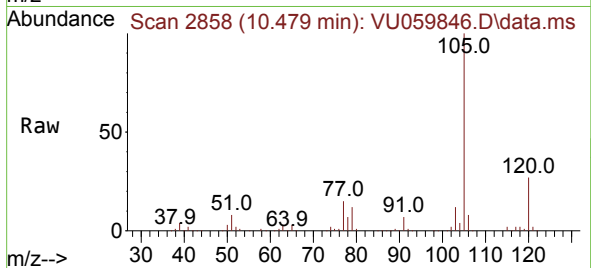
Tgt Ion:105 Resp: 286640

Ion Ratio Lower Upper

105 100

120 27.0 20.6 31.0

77 15.5 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 5.121 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU059846.D

Acq: 05 Jul 2024 08:26

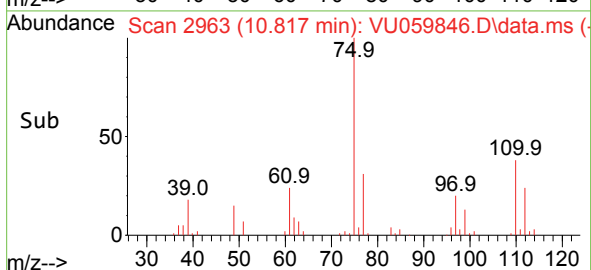
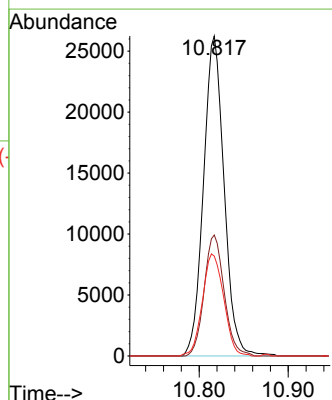
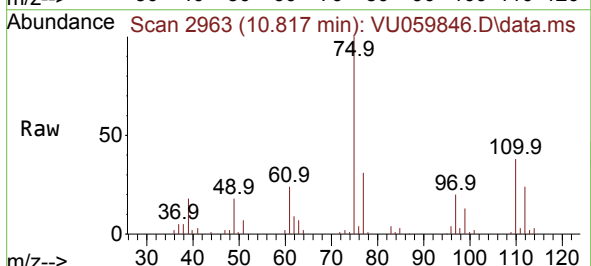
Tgt Ion: 75 Resp: 42184

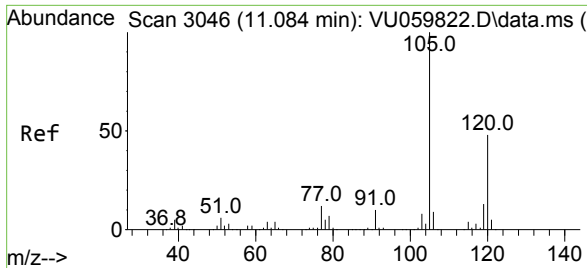
Ion Ratio Lower Upper

75 100

110 36.7 27.1 40.7

77 32.8 25.4 38.2

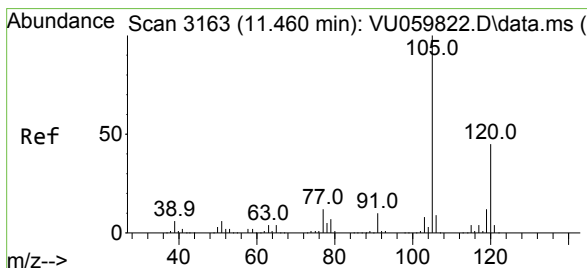
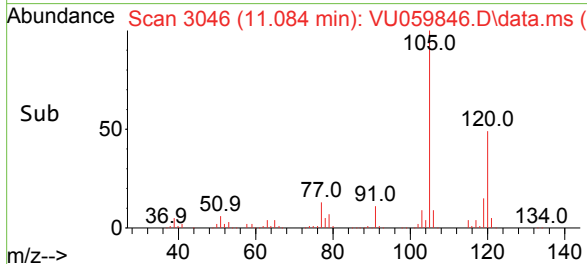
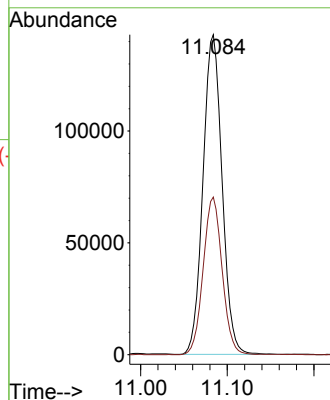
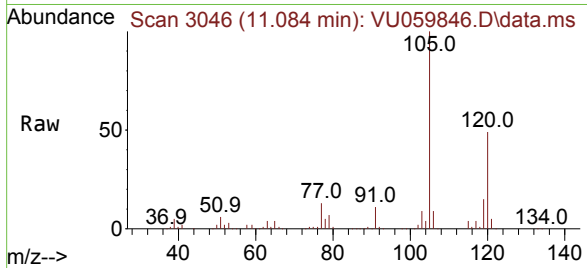




#62
 1,3,5-Trimethylbenzene
 Concen: 5.020 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. 0.000 min
 Lab File: VU059846.D
 Acq: 05 Jul 2024 08:26

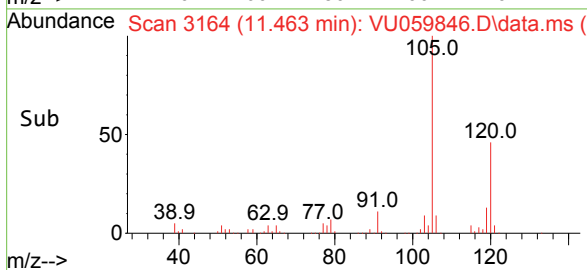
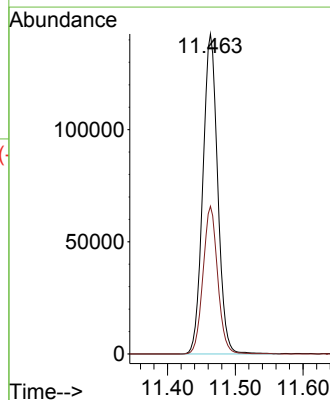
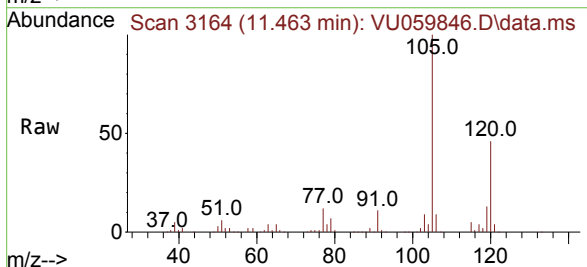
Instrument :
 MSVOA_U
 ClientSampleId :

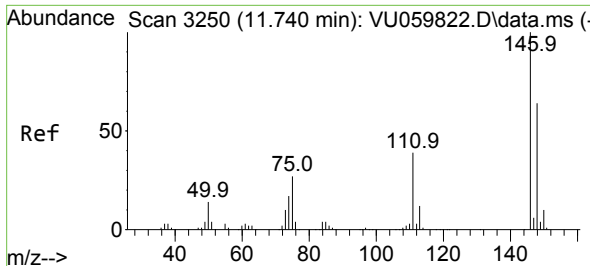
Tgt Ion:105 Resp: 218985
 Ion Ratio Lower Upper
 105 100
 120 49.0 38.2 57.4



#63
 1,2,4-Trimethylbenzene
 Concen: 5.201 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. 0.000 min
 Lab File: VU059846.D
 Acq: 05 Jul 2024 08:26

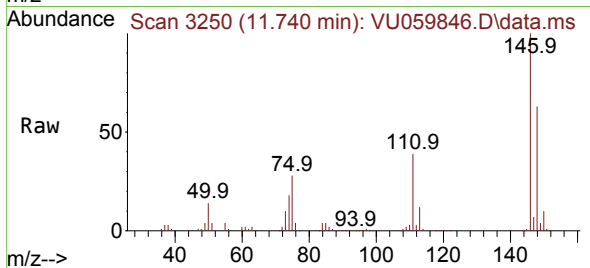
Tgt Ion:105 Resp: 216891
 Ion Ratio Lower Upper
 105 100
 120 45.5 35.4 53.0



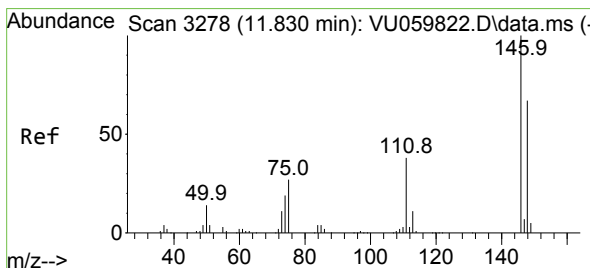
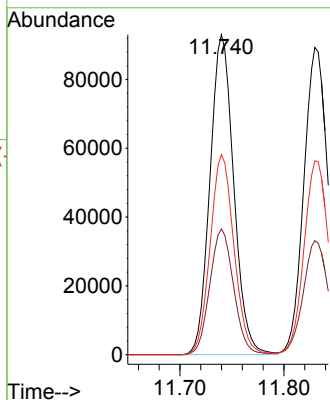
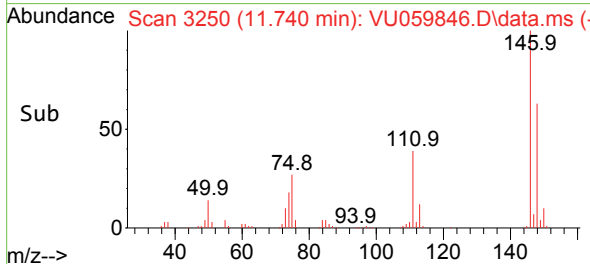


#64
1,3-Dichlorobenzene
Concen: 5.276 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU059846.D
Acq: 05 Jul 2024 08:26

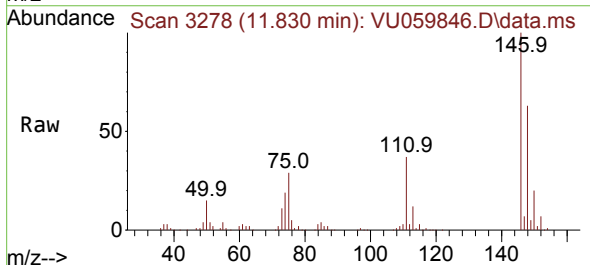
Instrument :
MSVOA_U
ClientSampleId :



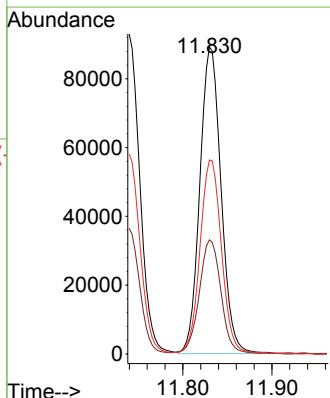
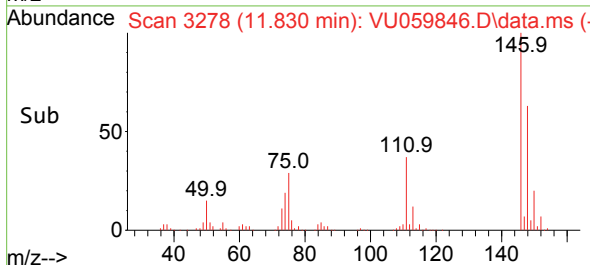
Tgt Ion:146 Resp: 147740
Ion Ratio Lower Upper
146 100
111 39.3 27.4 51.0
148 62.5 45.0 83.6

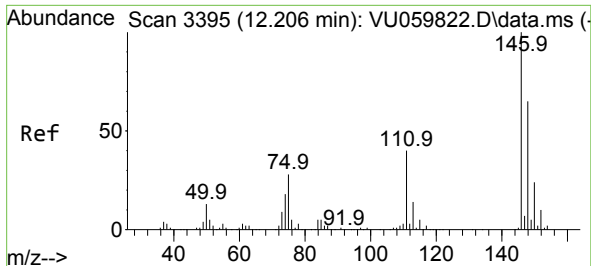


#65
1,4-Dichlorobenzene
Concen: 5.110 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU059846.D
Acq: 05 Jul 2024 08:26



Tgt Ion:146 Resp: 147304
Ion Ratio Lower Upper
146 100
111 37.1 26.9 50.1
148 63.1 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.129 ug/L

RT: 12.206 min Scan# 31

Delta R.T. 0.000 min

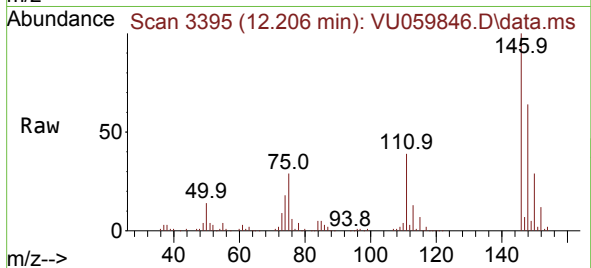
Lab File: VU059846.D

Acq: 05 Jul 2024 08:26

Instrument :

MSVOA_U

ClientSampleId :



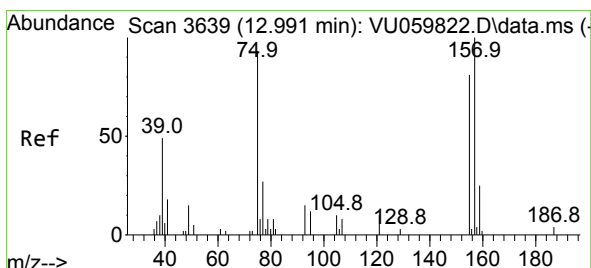
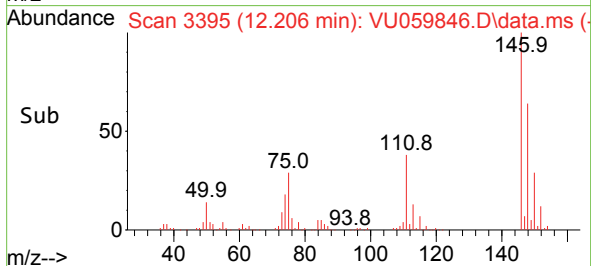
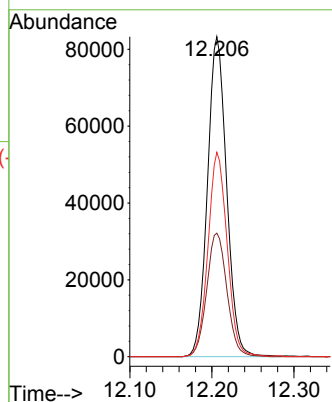
Tgt Ion:146 Resp: 135154

Ion Ratio Lower Upper

146 100

111 38.6 33.4 50.0

148 63.9 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.309 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU059846.D

Acq: 05 Jul 2024 08:26

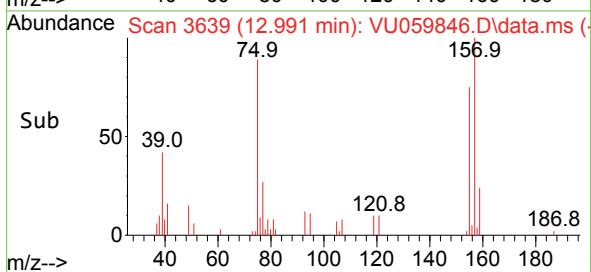
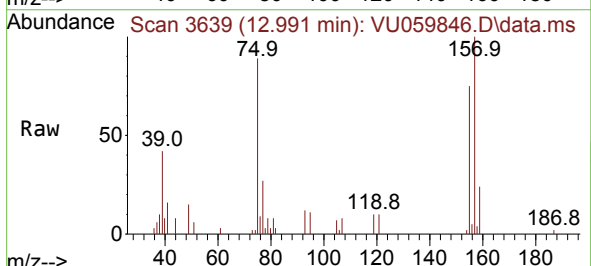
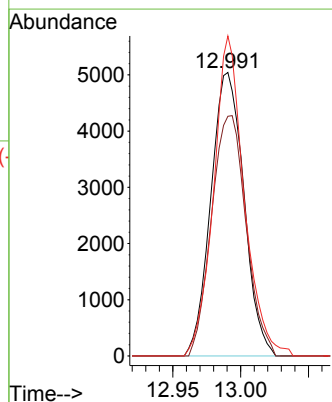
Tgt Ion: 75 Resp: 8530

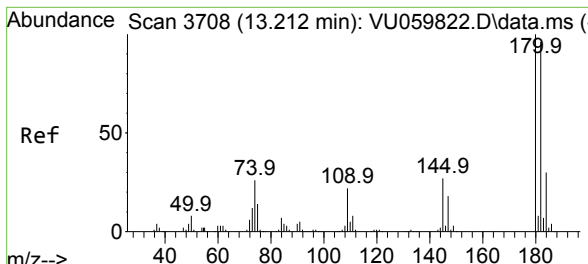
Ion Ratio Lower Upper

75 100

155 84.6 58.2 87.2

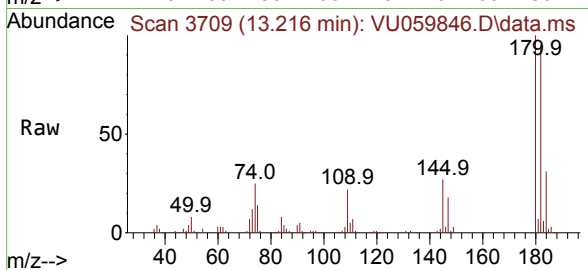
157 112.9 80.0 120.0



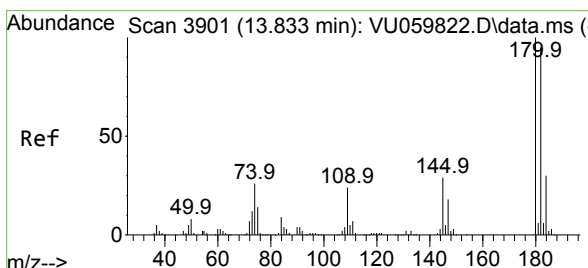
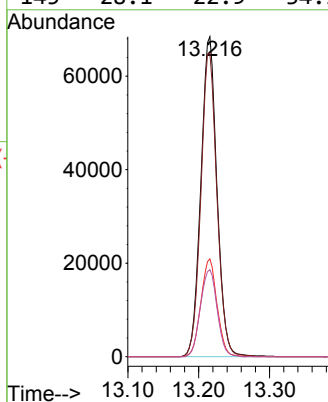
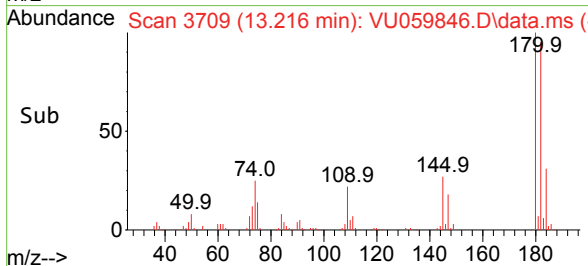


#69
 1,3,5-Trichlorobenzene
 Concen: 5.211 ug/L
 RT: 13.216 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU059846.D
 Acq: 05 Jul 2024 08:26

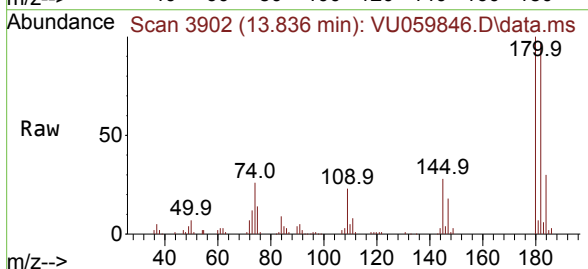
Instrument :
 MSVOA_U
 ClientSampleId :



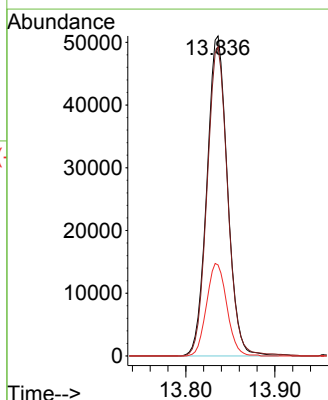
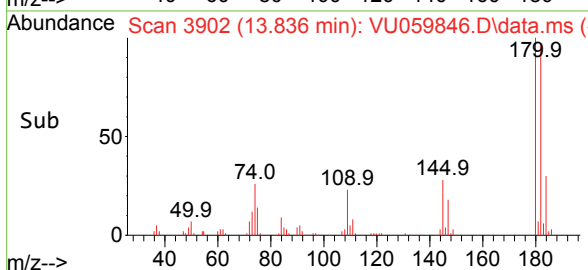
Tgt Ion:180 Resp: 108022
 Ion Ratio Lower Upper
 180 100
 182 94.6 75.4 113.0
 184 30.7 23.0 34.6
 145 28.1 22.9 34.3

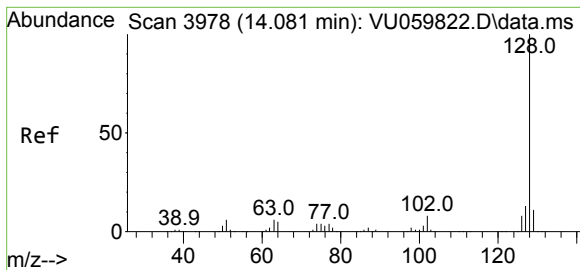


#70
 1,2,4-trichlorobenzene
 Concen: 5.143 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. 0.000 min
 Lab File: VU059846.D
 Acq: 05 Jul 2024 08:26



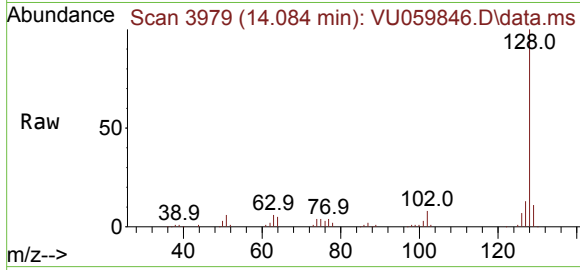
Tgt Ion:180 Resp: 81791
 Ion Ratio Lower Upper
 180 100
 182 96.7 74.9 112.3
 145 28.5 23.9 35.9



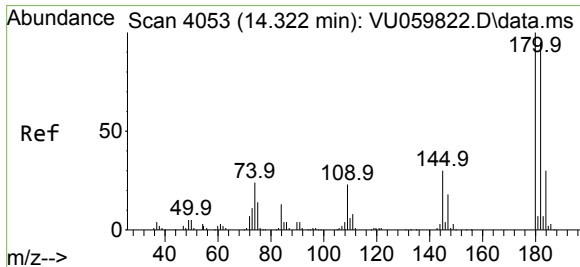
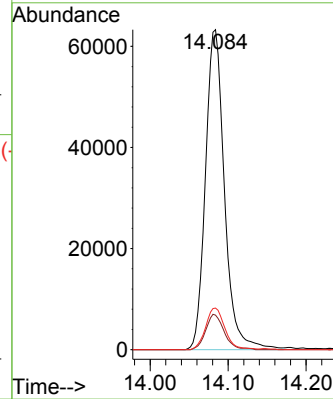
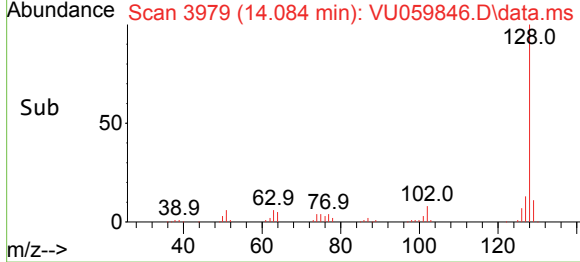


#71
Naphthalene
Concen: 4.716 ug/L
RT: 14.084 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU059846.D
Acq: 05 Jul 2024 08:26

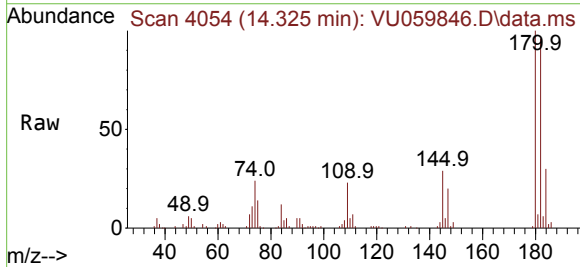
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 107335
Ion Ratio Lower Upper
128 100
129 10.7 8.2 12.4
127 13.2 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.123 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU059846.D
Acq: 05 Jul 2024 08:26



Tgt Ion:180 Resp: 75637
Ion Ratio Lower Upper
180 100
182 93.9 77.0 115.6
145 30.0 26.2 39.4

