

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
 Data File : VU059963.D
 Acq On : 16 Jul 2024 09:08
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 17 02:23:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 13 03:52:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	138416	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	146598	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	74480	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	44816	4.656	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.200%
7) Chloroethane-d5	1.904	69	37128	4.009	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.200%
11) 1,1-Dichloroethene-d2	2.560	65	16389	4.104	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.000%
20) 2-Butanone-d5	4.618	46	93450	47.136	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.280%
24) Chloroform-d	5.055	84	85391	4.322	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
26) 1,2-Dichloroethane-d4	5.698	65	40723	4.279	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
32) Benzene-d6	5.721	84	161783	4.010	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
36) 1,2-Dichloropropane-d6	6.685	67	52218	4.224	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.400%
41) Toluene-d8	7.894	98	152780	4.073	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	8.177	79	18102	4.676	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.600%
46) 2-Hexanone-d5	8.627	63	76787	47.738	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.480%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	44711	4.377	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	53909	4.067	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	53338	4.548	ug/L	98
3) Chloromethane	1.518	50	63045	4.994	ug/L	99
5) Vinyl chloride	1.599	62	71825	5.151	ug/L	97
6) Bromomethane	1.846	94	41901	4.322	ug/L	96
8) Chloroethane	1.927	64	44583	5.306	ug/L	96
9) Trichlorofluoromethane	2.132	101	88646	5.281	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	57875	5.446	ug/L	93
12) 1,1-Dichloroethene	2.573	96	51596	5.256	ug/L	83
13) Acetone	2.624	43	75199	58.472	ug/L	93
14) Carbon disulfide	2.785	76	154408	4.714	ug/L	100
15) Methyl Acetate	2.949	43	19916	5.868	ug/L #	89
16) Methylene chloride	3.039	84	62728	5.392	ug/L	92
17) Methyl tert-butyl Ether	3.357	73	117437	5.551	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	53595	5.249	ug/L	91
19) 1,1-Dichloroethane	3.862	63	104810	5.567	ug/L	98
21) 2-Butanone	4.698	43	120917	58.618	ug/L	90
22) cis-1,2-Dichloroethene	4.663	96	62405	5.545	ug/L	94
23) Bromochloromethane	4.968	128	30111	5.869	ug/L	88
25) Chloroform	5.081	83	110280	5.561	ug/L	98

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 MSVOA_U
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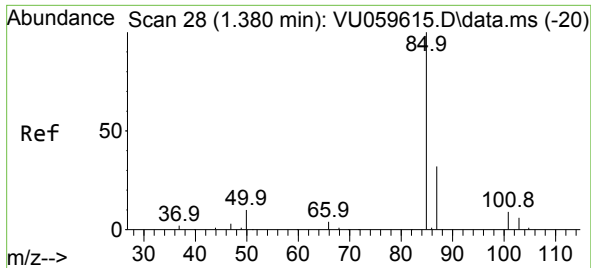
Quant Time: Jul 17 02:23:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	65089	5.417	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	89647	5.295	ug/L	99
30) Cyclohexane	5.383	56	68163	4.561	ug/L	94
31) Carbon tetrachloride	5.521	117	76959	5.429	ug/L	99
33) Benzene	5.769	78	234849	5.275	ug/L	100
34) Trichloroethene	6.537	95	61976	5.141	ug/L	94
35) Methylcyclohexane	6.759	83	79709	4.646	ug/L	96
37) 1,2-Dichloropropane	6.785	63	65605	5.695	ug/L #	97
38) Bromodichloromethane	7.100	83	79354	5.518	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	82200	5.217	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	307063	57.520	ug/L	95
42) Toluene	7.965	91	257113	5.455	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	70358	5.564	ug/L	100
45) 1,1,2-Trichloroethane	8.396	97	50395	5.936	ug/L	97
47) Tetrachloroethene	8.550	164	52713	5.635	ug/L	92
48) 2-Hexanone	8.679	43	228298	59.922	ug/L #	93
49) Dibromochloromethane	8.804	129	55197	5.869	ug/L	100
50) 1,2-Dibromoethane	8.920	107	45021	5.742	ug/L #	95
51) Chlorobenzene	9.444	112	160477	5.368	ug/L	96
52) Ethylbenzene	9.566	91	243384	5.034	ug/L	97
53) m,p-Xylene	9.692	106	97824	5.268	ug/L	96
54) o-Xylene	10.097	106	92121	5.227	ug/L	95
55) Styrene	10.113	104	164885	5.496	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.778	83	59994	5.825	ug/L	97
59) Bromoform	10.286	173	34106	5.983	ug/L #	97
60) Isopropylbenzene	10.479	105	246549	5.359	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	40833	5.933	ug/L	98
62) 1,3,5-Trimethylbenzene	11.087	105	180104	4.941	ug/L	99
63) 1,2,4-Trimethylbenzene	11.466	105	179712	5.157	ug/L	97
64) 1,3-Dichlorobenzene	11.743	146	130716	5.586	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	130672	5.425	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	121731	5.528	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.994	75	8164	6.081	ug/L #	86
69) 1,3,5-Trichlorobenzene	13.216	180	90845	5.244	ug/L	97
70) 1,2,4-trichlorobenzene	13.839	180	69555	5.234	ug/L	97
71) Naphthalene	14.087	128	97496	5.126	ug/L	100
72) 1,2,3-Trichlorobenzene	14.328	180	66970	5.428	ug/L	98

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

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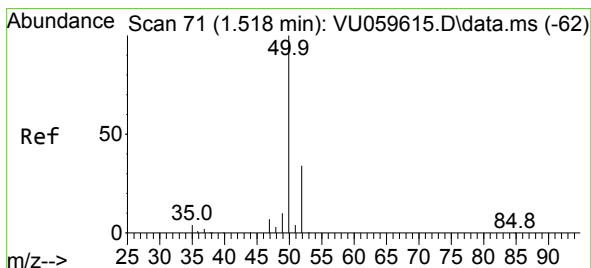
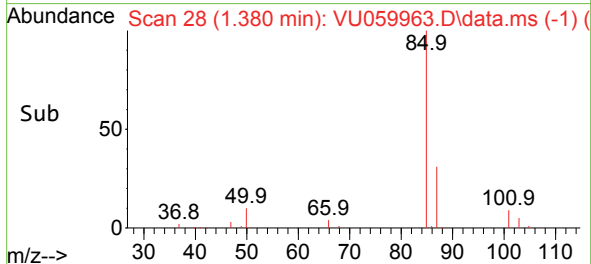
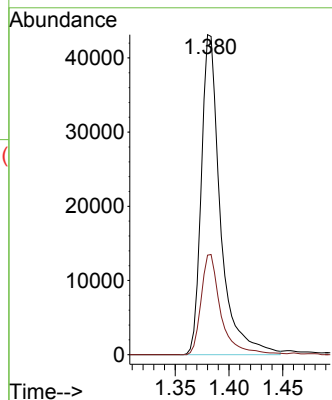
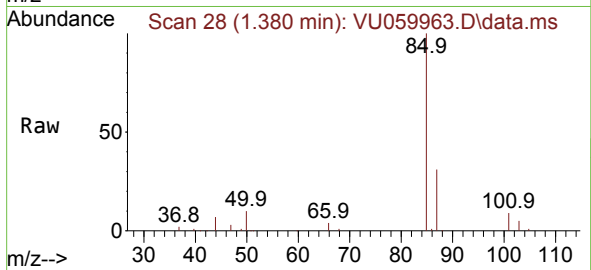




#2
Dichlorodifluoromethane
Concen: 4.548 ug/L
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU059963.D
Acq: 16 Jul 2024 09:08

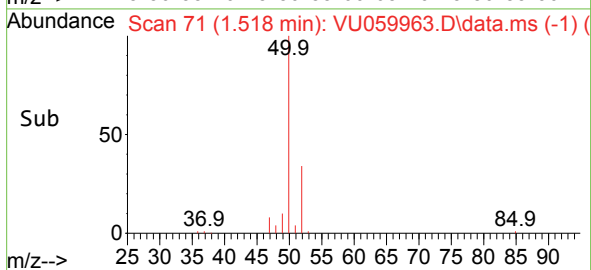
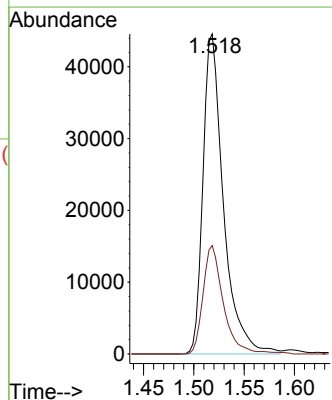
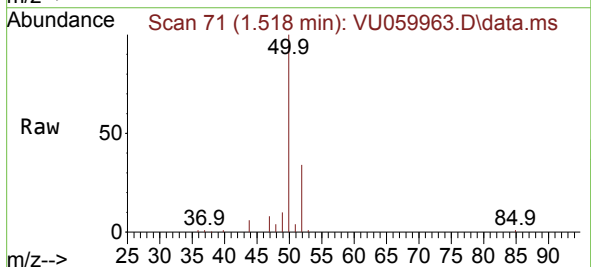
Instrument :
MSVOA_U
ClientSampleId :

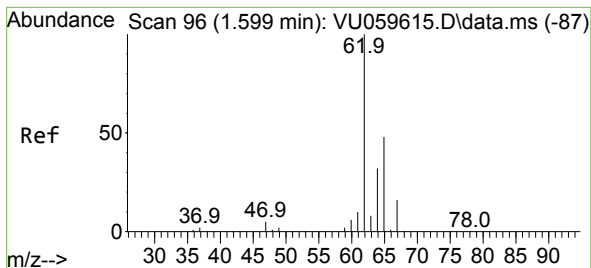
Tgt Ion: 85 Resp: 53338
Ion Ratio Lower Upper
85 100
87 32.4 26.6 40.0



#3
Chloromethane
Concen: 4.994 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU059963.D
Acq: 16 Jul 2024 09:08

Tgt Ion: 50 Resp: 63045
Ion Ratio Lower Upper
50 100
52 33.9 23.2 43.0





#5

Vinyl chloride

Concen: 5.151 ug/L

RT: 1.599 min Scan# 90

Delta R.T. -0.003 min

Lab File: VU059963.D

Acq: 16 Jul 2024 09:08

Instrument :

MSVOA_U

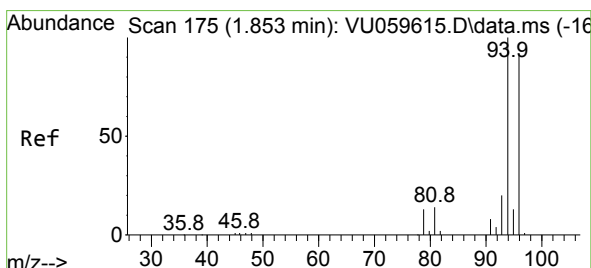
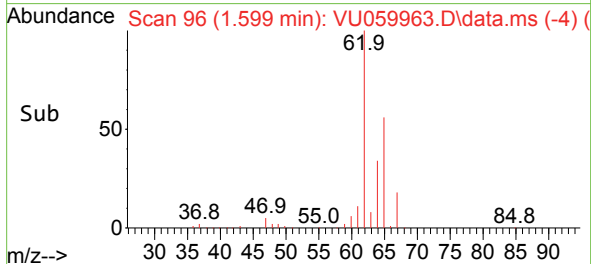
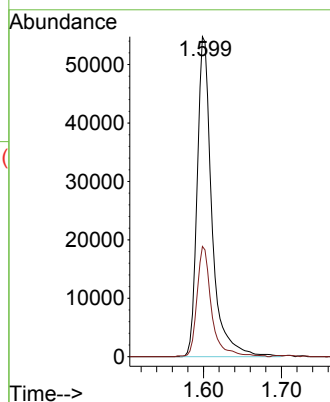
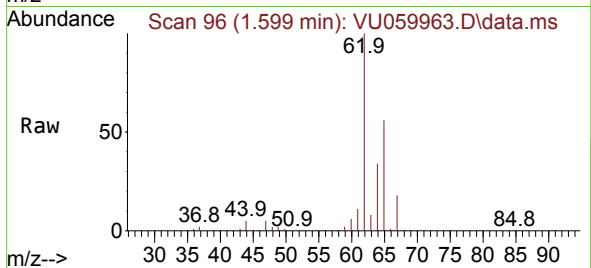
ClientSampleId :

Tgt Ion: 62 Resp: 71825

Ion Ratio Lower Upper

62 100

64 34.5 23.1 42.9



#6

Bromomethane

Concen: 4.322 ug/L

RT: 1.846 min Scan# 173

Delta R.T. -0.010 min

Lab File: VU059963.D

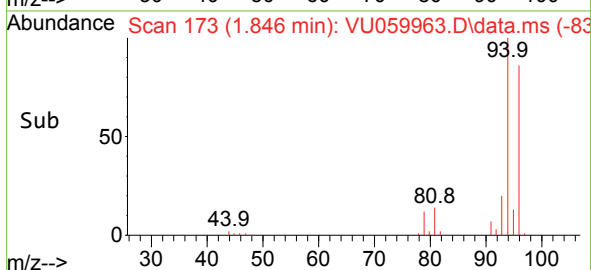
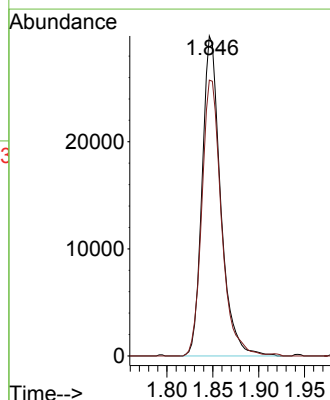
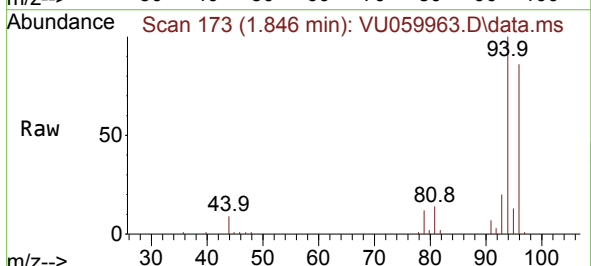
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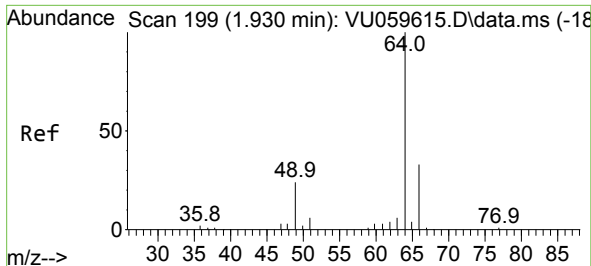
Tgt Ion: 94 Resp: 41901

Ion Ratio Lower Upper

94 100

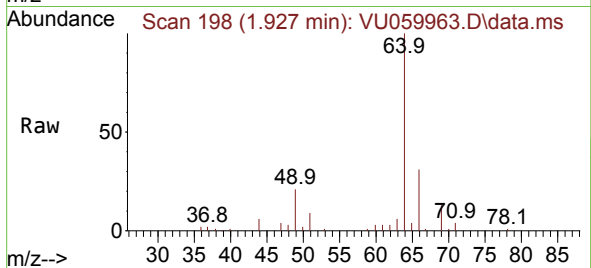
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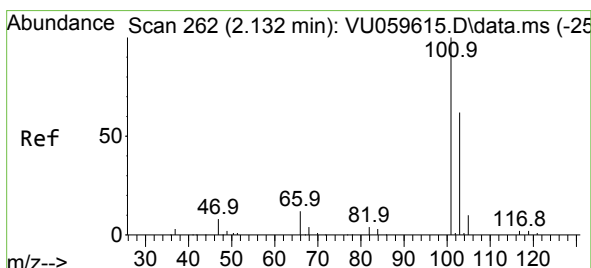
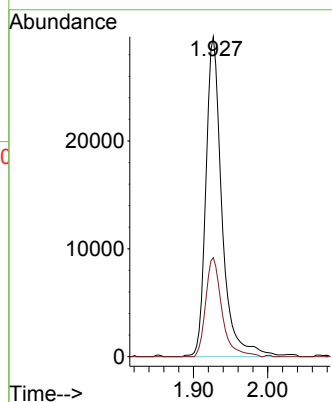
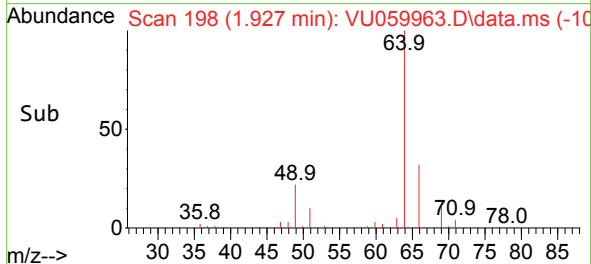


#8
Chloroethane
Concen: 5.306 ug/L
RT: 1.927 min Scan# 19
Delta R.T. -0.003 min
Lab File: VU059963.D
Acq: 16 Jul 2024 09:08

Instrument :
MSVOA_U
ClientSampleId :

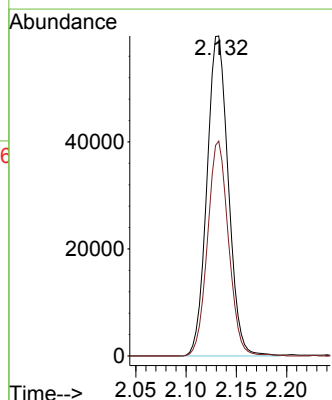
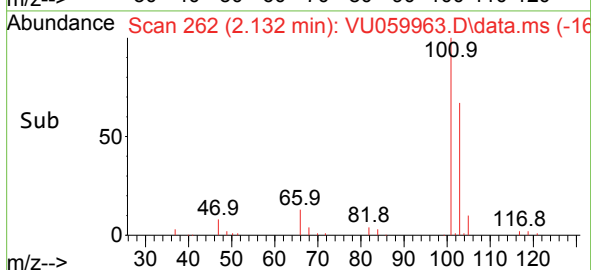
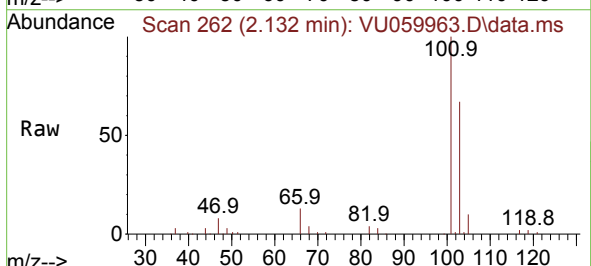


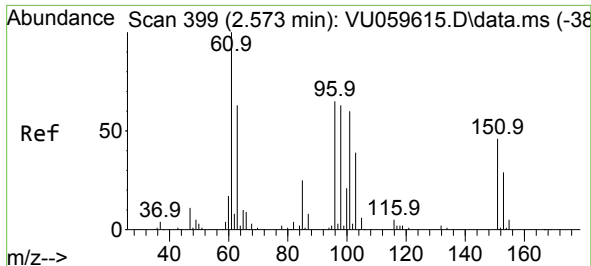
Tgt Ion: 64 Resp: 44583
Ion Ratio Lower Upper
64 100
66 31.0 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.281 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU059963.D
Acq: 16 Jul 2024 09:08

Tgt Ion:101 Resp: 88646
Ion Ratio Lower Upper
101 100
103 65.8 52.6 79.0

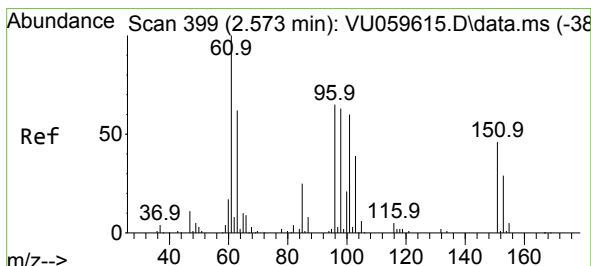
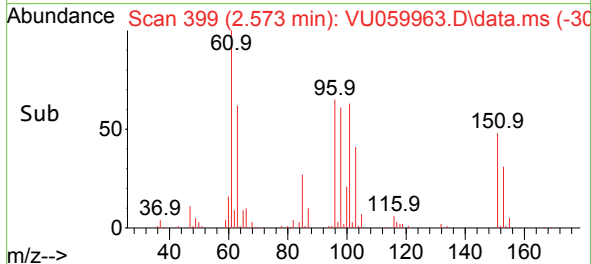
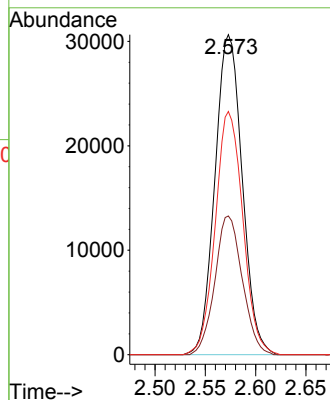
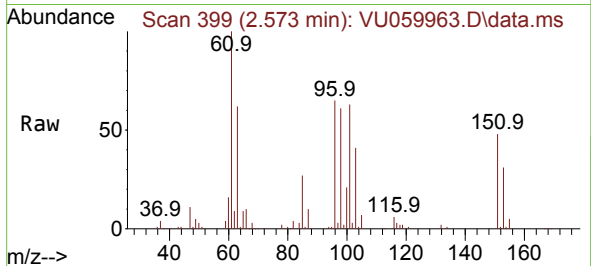




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.446 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU059963.D
Acq: 16 Jul 2024 09:08

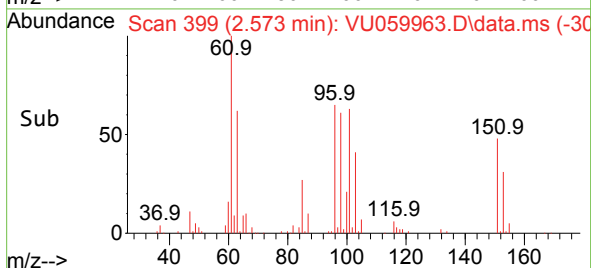
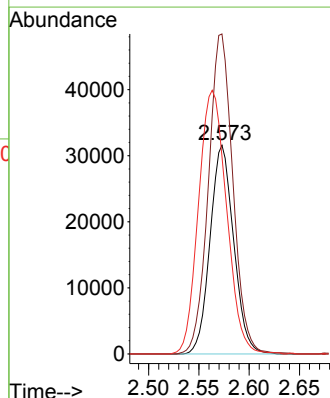
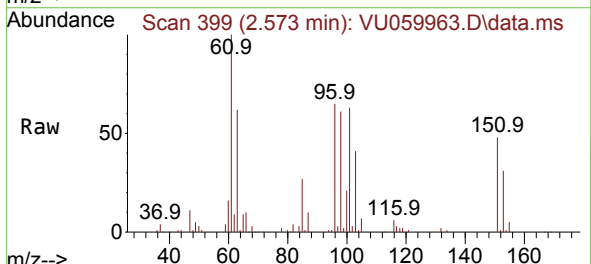
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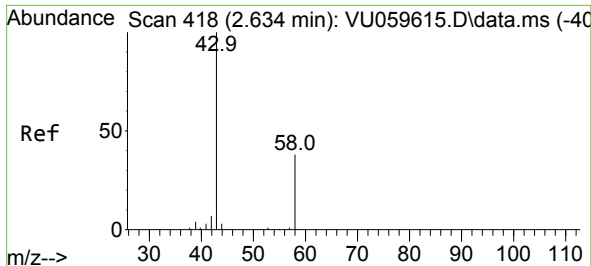
Tgt Ion:101 Resp: 57875
Ion Ratio Lower Upper
101 100
85 43.6 36.2 54.4
151 76.8 55.5 83.3



#12
1,1-Dichloroethene
Concen: 5.256 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU059963.D
Acq: 16 Jul 2024 09:08

Tgt Ion: 96 Resp: 51596
Ion Ratio Lower Upper
96 100
61 153.2 122.9 228.3
63 94.7 80.4 149.4





#13

Acetone

Concen: 58.472 ug/L

RT: 2.624 min Scan# 41

Delta R.T. -0.016 min

Lab File: VU059963.D

Acq: 16 Jul 2024 09:08

Instrument :

MSVOA_U

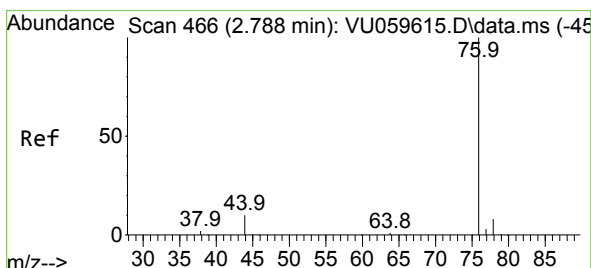
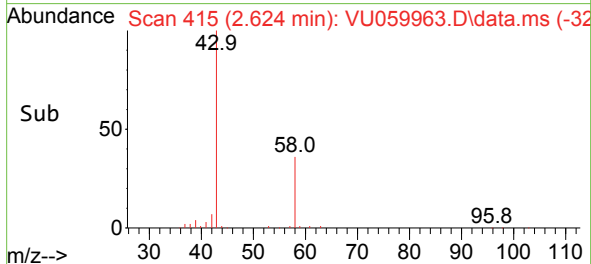
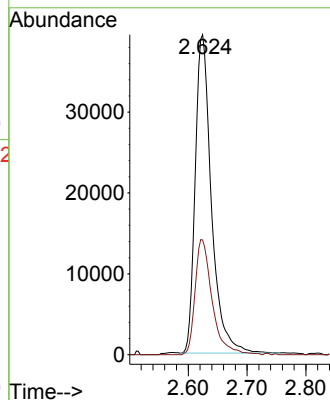
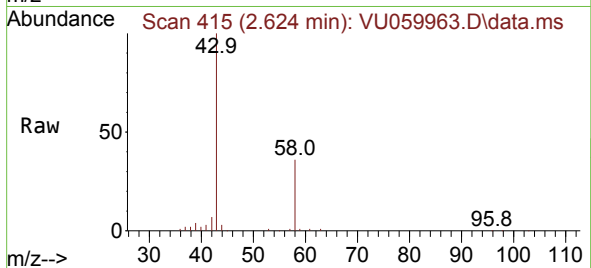
ClientSampleId :

Tgt Ion: 43 Resp: 75199

Ion Ratio Lower Upper

43 100

58 38.2 0.0 68.0



#14

Carbon disulfide

Concen: 4.714 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU059963.D

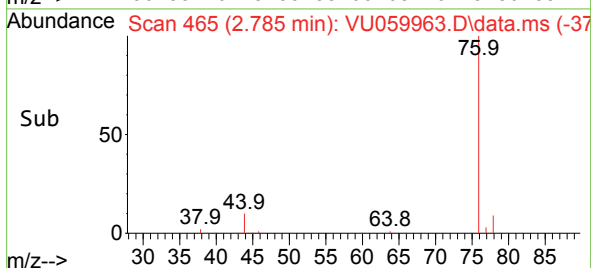
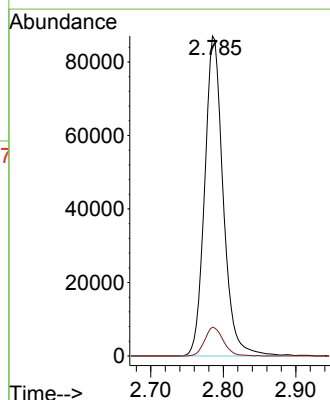
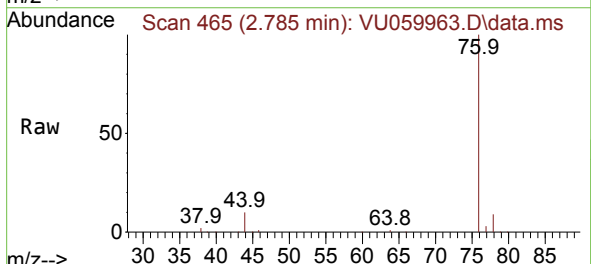
Acq: 16 Jul 2024 09:08

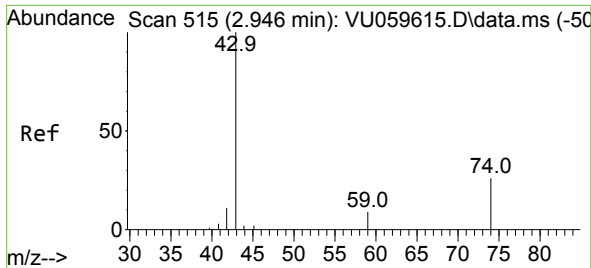
Tgt Ion: 76 Resp: 154408

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

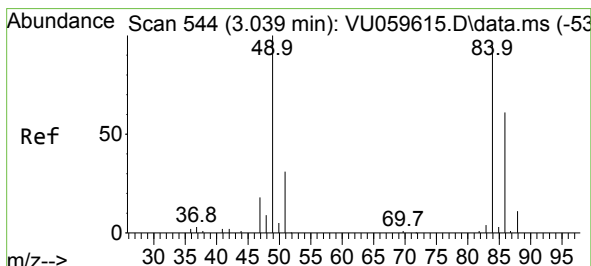
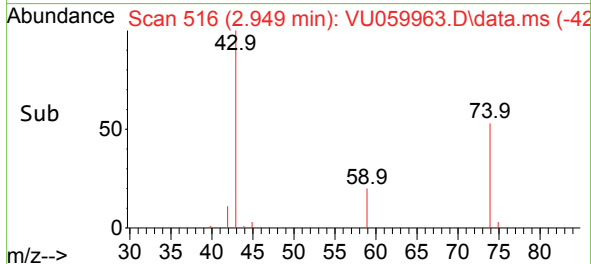
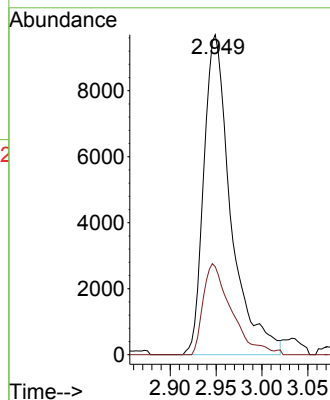
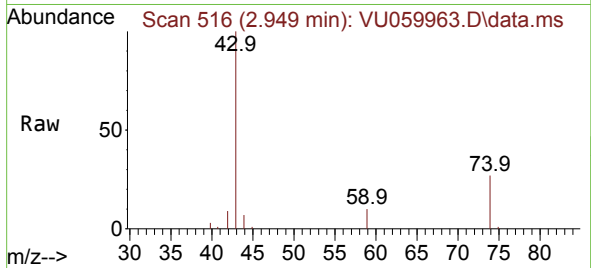




#15
Methyl Acetate
Concen: 5.868 ug/L
RT: 2.949 min Scan# 515
Delta R.T. -0.006 min
Lab File: VU059963.D
Acq: 16 Jul 2024 09:08

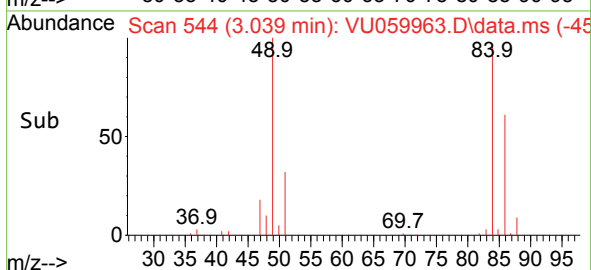
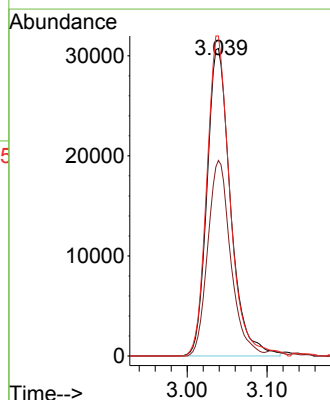
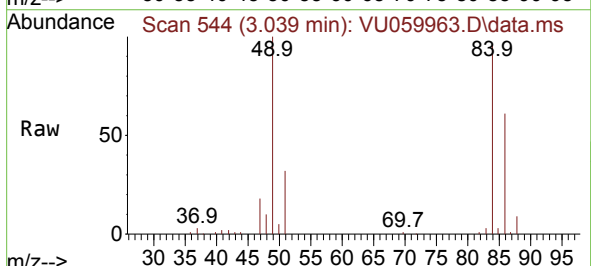
Instrument :
MSVOA_U
ClientSampleId :

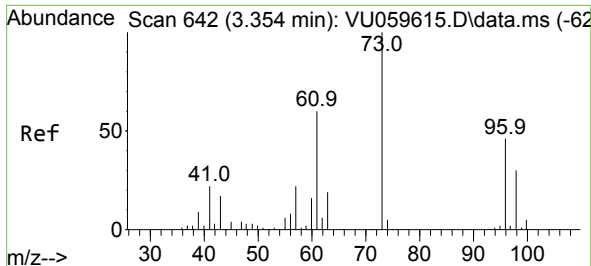
Tgt Ion: 43 Resp: 19916
Ion Ratio Lower Upper
43 100
74 29.7 19.2 28.8#



#16
Methylene chloride
Concen: 5.392 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU059963.D
Acq: 16 Jul 2024 09:08

Tgt Ion: 84 Resp: 62728
Ion Ratio Lower Upper
84 100
86 63.6 42.1 78.1
49 104.0 80.6 149.8

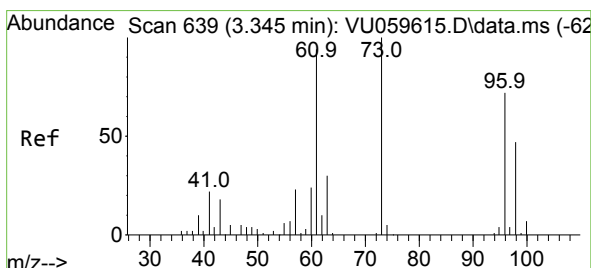
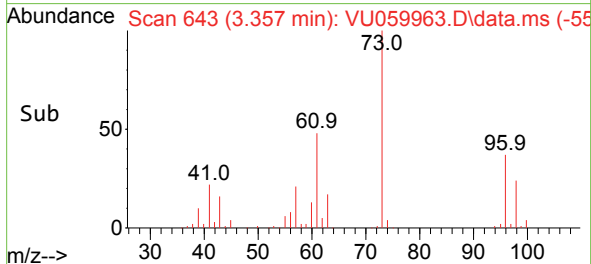
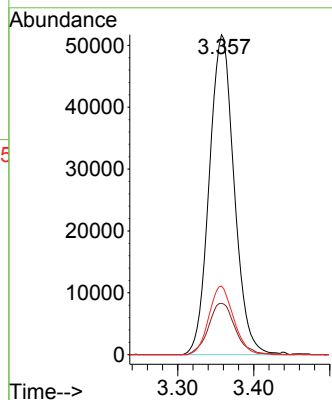
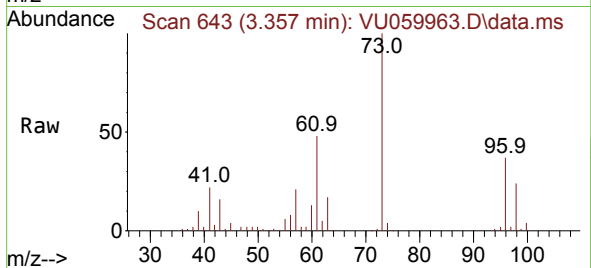




#17
Methyl tert-butyl Ether
Concen: 5.551 ug/L
RT: 3.357 min Scan# 64
Delta R.T. 0.000 min
Lab File: VU059963.D
Acq: 16 Jul 2024 09:08

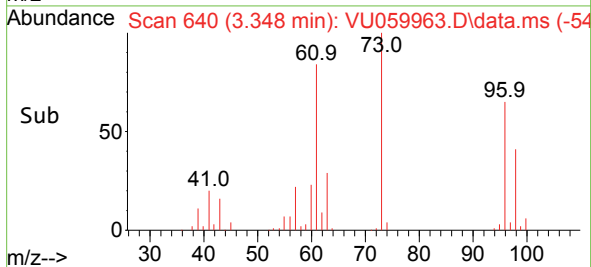
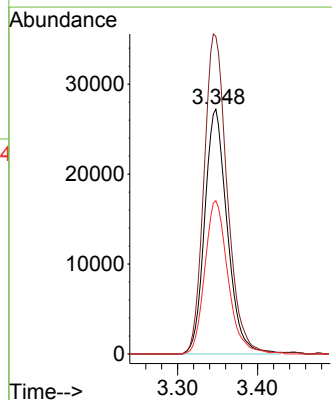
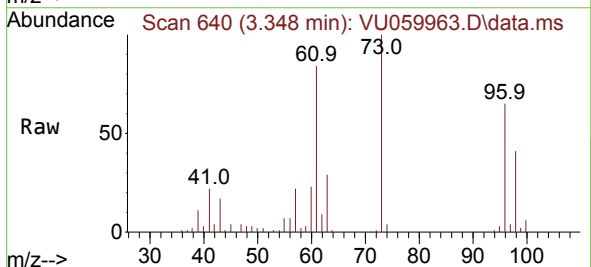
Instrument :
MSVOA_U
ClientSampleId :

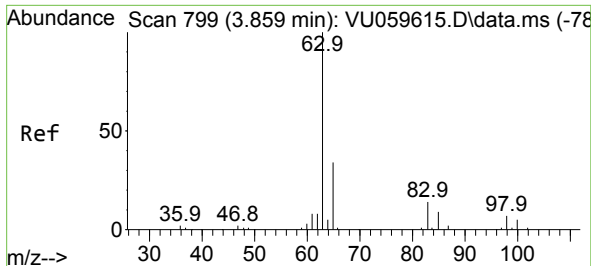
Tgt Ion: 73 Resp: 117437
Ion Ratio Lower Upper
73 100
43 17.4 14.9 22.3
57 21.3 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 5.249 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU059963.D
Acq: 16 Jul 2024 09:08

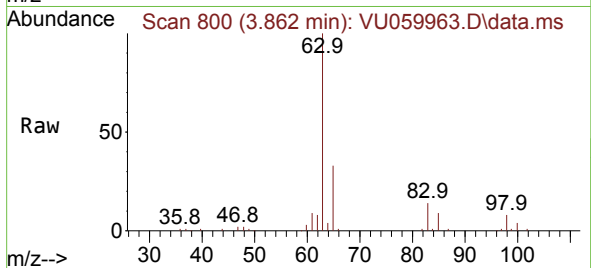
Tgt Ion: 96 Resp: 53595
Ion Ratio Lower Upper
96 100
61 129.7 101.8 189.0
98 62.7 43.3 80.5



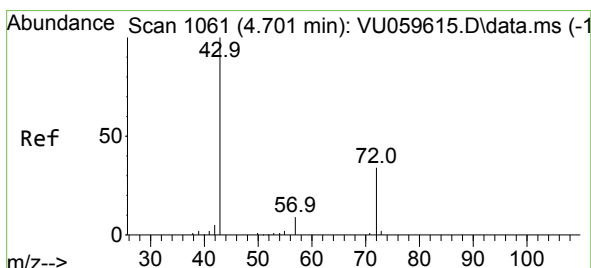
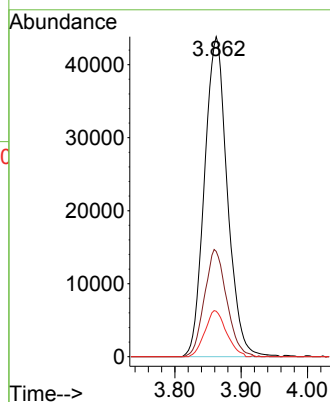
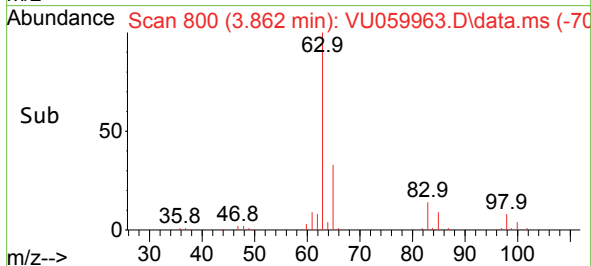


#19
1,1-Dichloroethane
Concen: 5.567 ug/L
RT: 3.862 min Scan# 80
Delta R.T. 0.003 min
Lab File: VU059963.D
Acq: 16 Jul 2024 09:08

Instrument :
MSVOA_U
ClientSampleId :

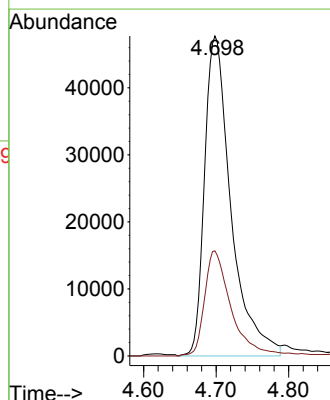
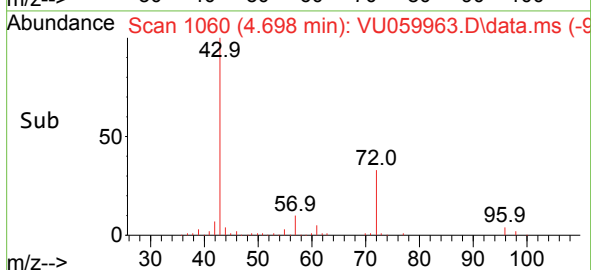
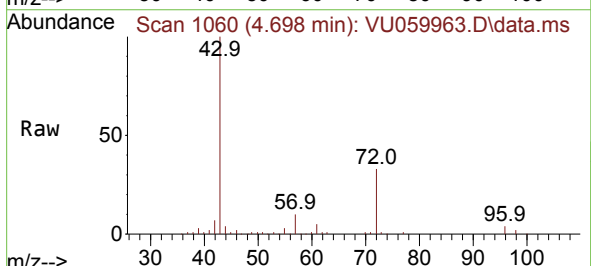


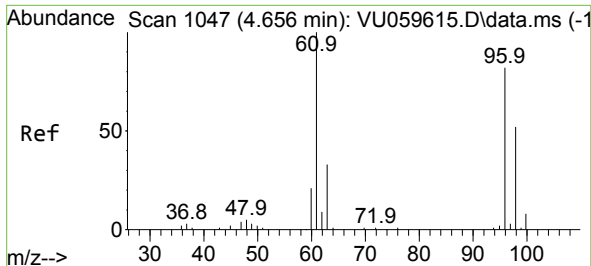
Tgt Ion: 63 Resp: 104810
Ion Ratio Lower Upper
63 100
65 32.9 21.8 40.6
83 14.2 9.9 18.5



#21
2-Butanone
Concen: 58.618 ug/L
RT: 4.698 min Scan# 1060
Delta R.T. -0.006 min
Lab File: VU059963.D
Acq: 16 Jul 2024 09:08

Tgt Ion: 43 Resp: 120917
Ion Ratio Lower Upper
43 100
72 32.7 13.8 41.4





#22

cis-1,2-Dichloroethene

Concen: 5.545 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.006 min

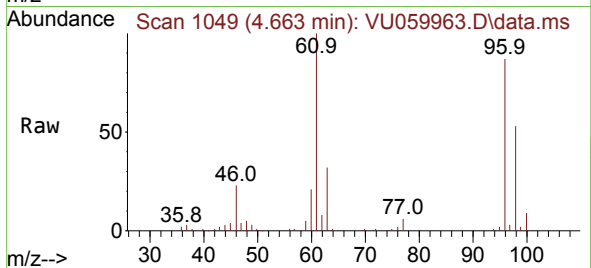
Lab File: VU059963.D

Acq: 16 Jul 2024 09:08

Instrument :

MSVOA_U

ClientSampleId :



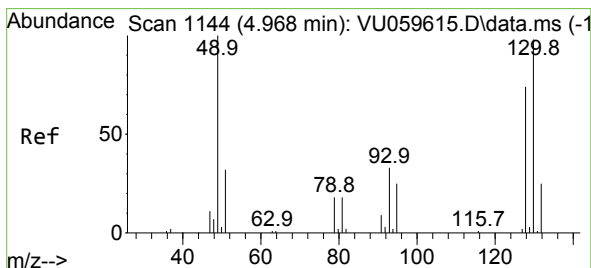
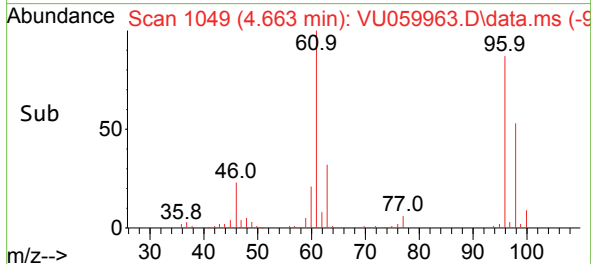
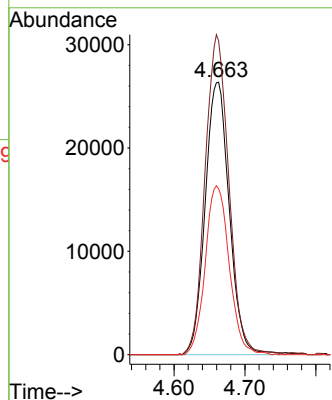
Tgt Ion: 96 Resp: 62405

Ion Ratio Lower Upper

96 100

61 115.2 87.4 162.2

98 61.0 42.3 78.5



#23

Bromochloromethane

Concen: 5.869 ug/L

RT: 4.968 min Scan# 1144

Delta R.T. 0.000 min

Lab File: VU059963.D

Acq: 16 Jul 2024 09:08

Tgt Ion: 128 Resp: 30111

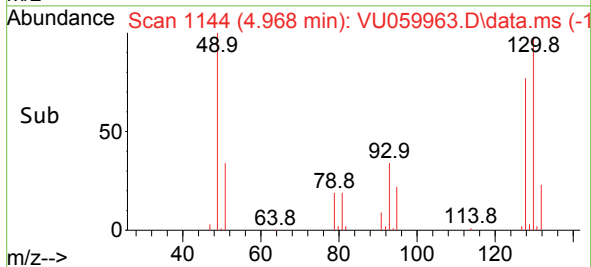
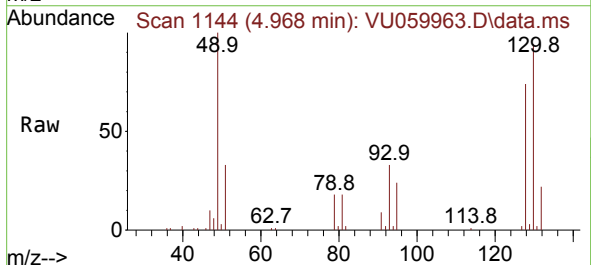
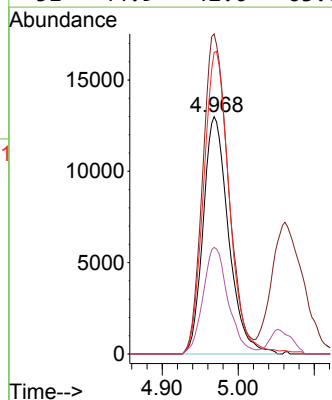
Ion Ratio Lower Upper

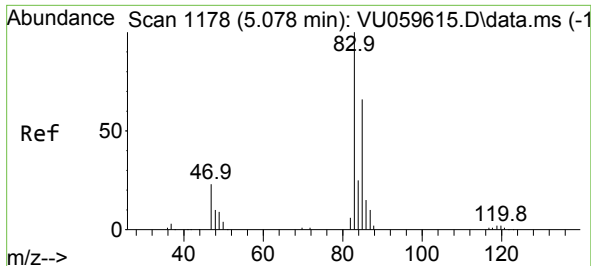
128 100

49 139.3 117.0 217.4

130 127.1 89.6 166.4

51 44.9 42.0 63.0





#25

Chloroform

Concen: 5.561 ug/L

RT: 5.081 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU059963.D

Acq: 16 Jul 2024 09:08

Instrument :

MSVOA_U

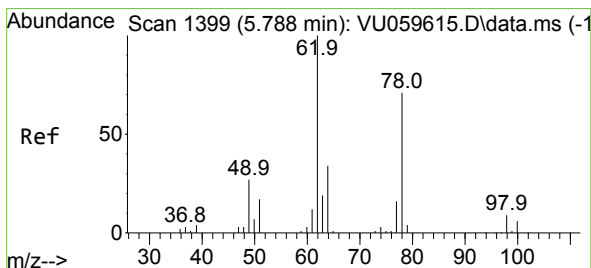
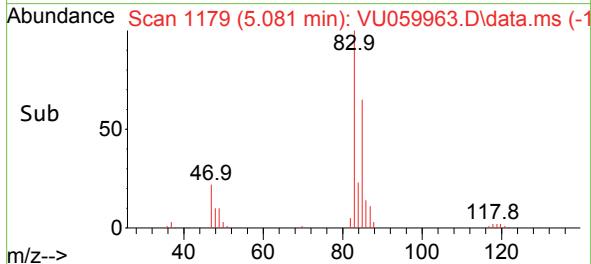
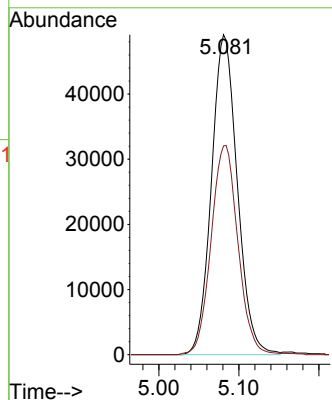
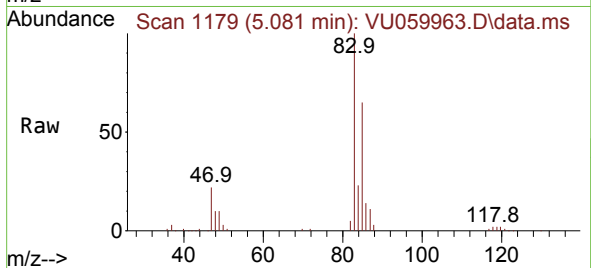
ClientSampleId :

Tgt Ion: 83 Resp: 110280

Ion Ratio Lower Upper

83 100

85 65.3 44.7 83.1



#27

1,2-Dichloroethane

Concen: 5.417 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU059963.D

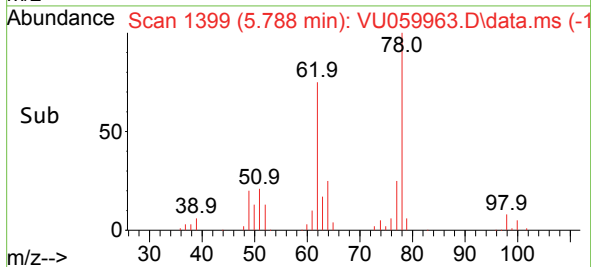
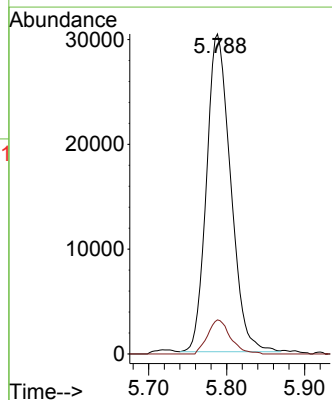
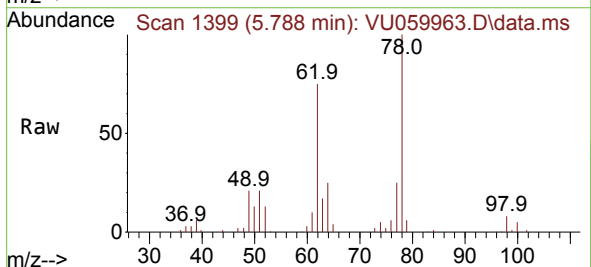
Acq: 16 Jul 2024 09:08

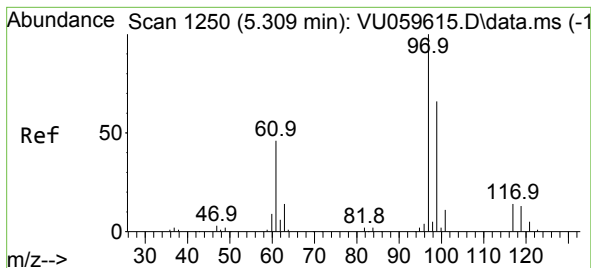
Tgt Ion: 62 Resp: 65089

Ion Ratio Lower Upper

62 100

98 10.6 7.5 11.3





#29

1,1,1-Trichloroethane

Concen: 5.295 ug/L

RT: 5.309 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU059963.D

Acq: 16 Jul 2024 09:08

Instrument :

MSVOA_U

ClientSampleId :

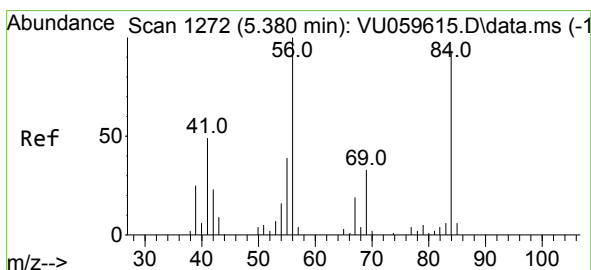
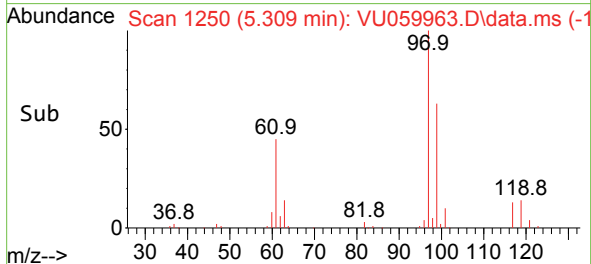
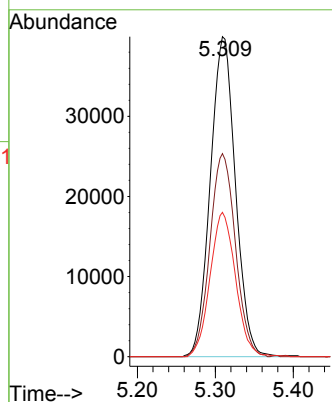
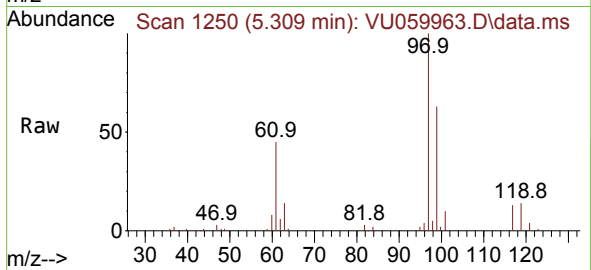
Tgt Ion: 97 Resp: 89647

Ion Ratio Lower Upper

97 100

99 64.5 51.8 77.6

61 45.8 37.4 56.2



#30

Cyclohexane

Concen: 4.561 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. 0.003 min

Lab File: VU059963.D

Acq: 16 Jul 2024 09:08

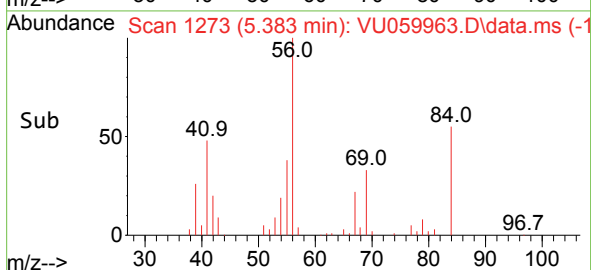
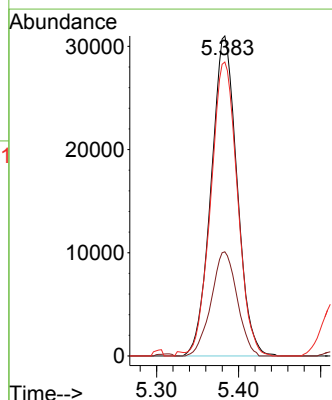
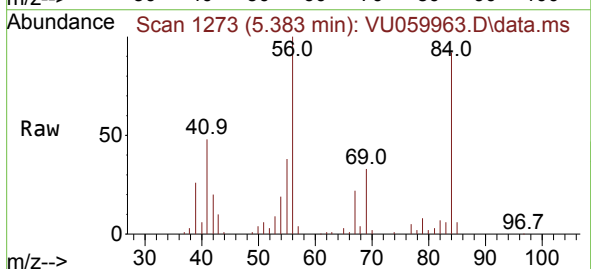
Tgt Ion: 56 Resp: 68163

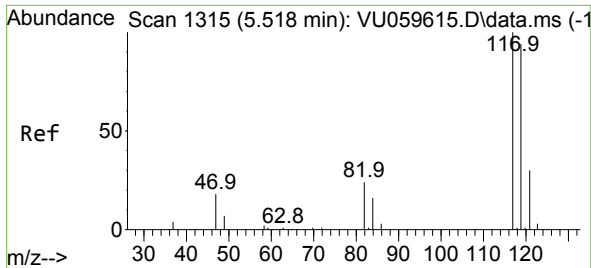
Ion Ratio Lower Upper

56 100

69 32.6 24.8 37.2

84 94.2 69.8 104.8

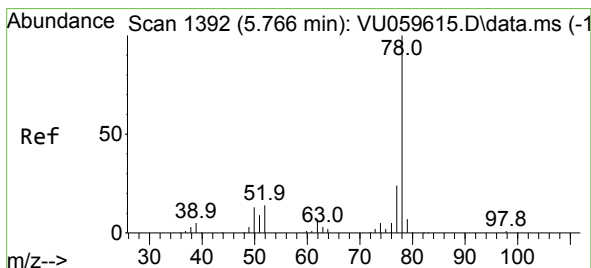
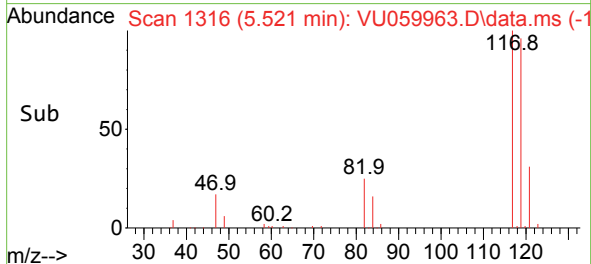
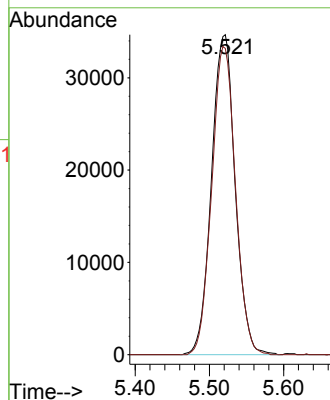
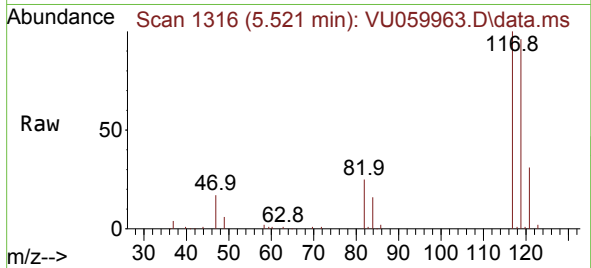




#31
Carbon tetrachloride
Concen: 5.429 ug/L
RT: 5.521 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU059963.D
Acq: 16 Jul 2024 09:08

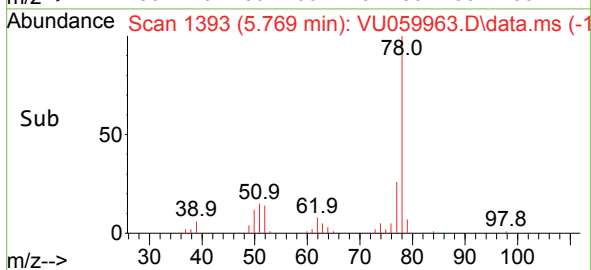
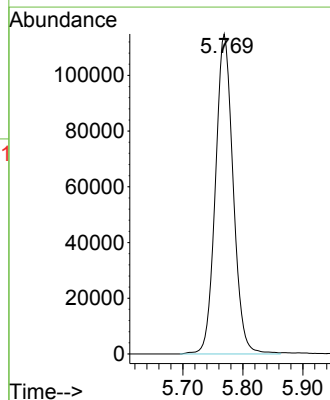
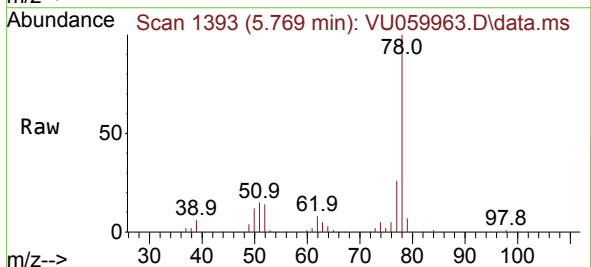
Instrument :
MSVOA_U
ClientSampleId :

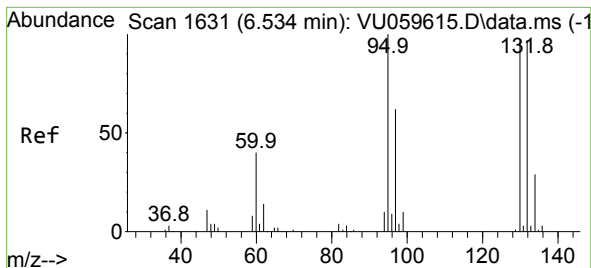
Tgt Ion:117 Resp: 76959
Ion Ratio Lower Upper
117 100
119 96.2 77.5 116.3



#33
Benzene
Concen: 5.275 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU059963.D
Acq: 16 Jul 2024 09:08

Tgt Ion: 78 Resp: 234849





#34

Trichloroethene

Concen: 5.141 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.003 min

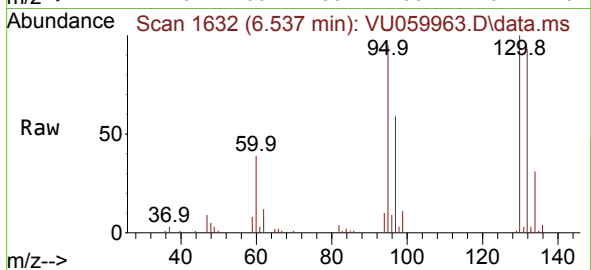
Lab File: VU059963.D

Acq: 16 Jul 2024 09:08

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 61976

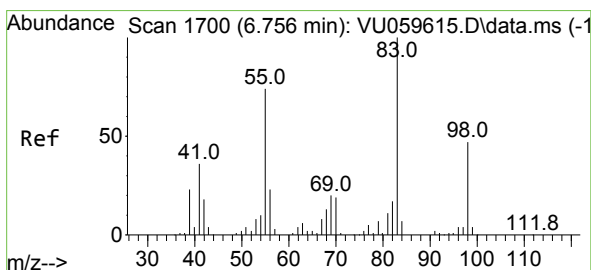
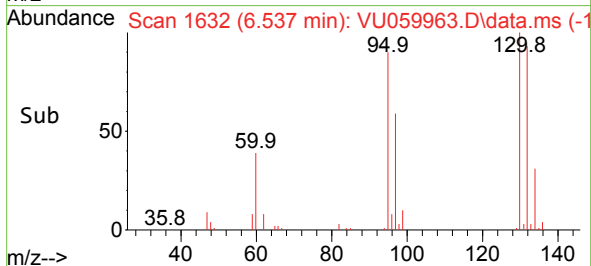
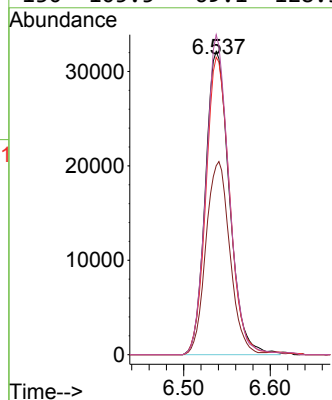
Ion Ratio Lower Upper

95 100

97 62.3 45.3 84.1

132 98.1 64.0 119.0

130 105.5 69.1 128.3



#35

Methylcyclohexane

Concen: 4.646 ug/L

RT: 6.759 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VU059963.D

Acq: 16 Jul 2024 09:08

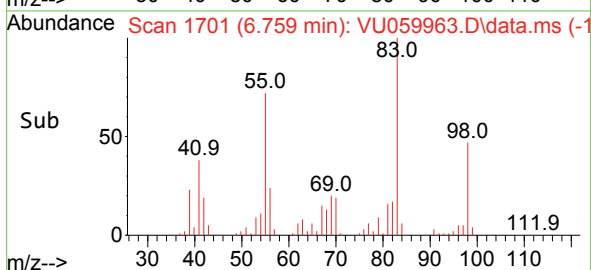
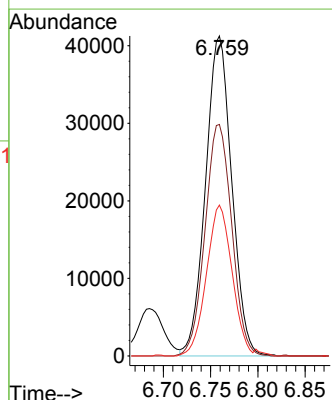
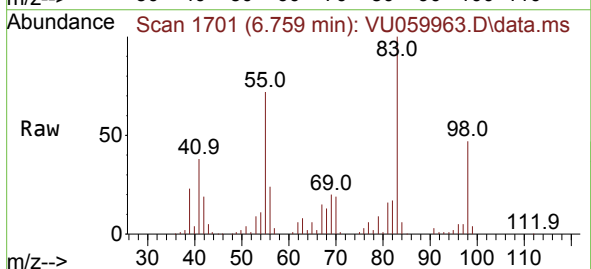
Tgt Ion: 83 Resp: 79709

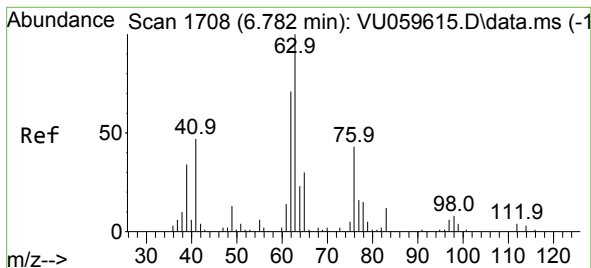
Ion Ratio Lower Upper

83 100

55 73.7 62.7 94.1

98 46.0 35.4 53.0





#37

1,2-Dichloropropane

Concen: 5.695 ug/L

RT: 6.785 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU059963.D

Acq: 16 Jul 2024 09:08

Instrument :

MSVOA_U

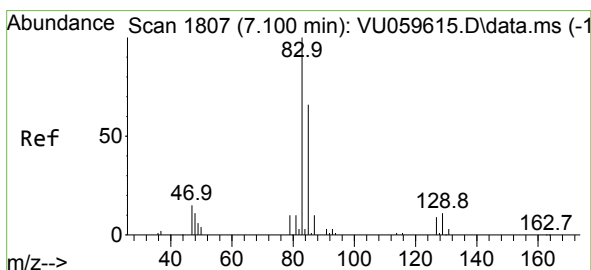
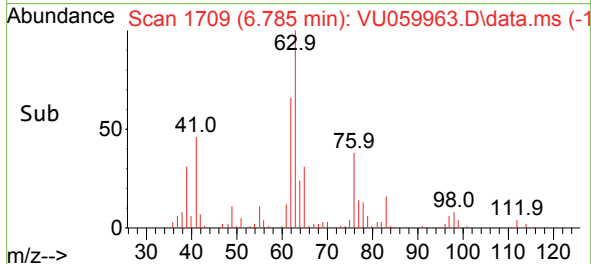
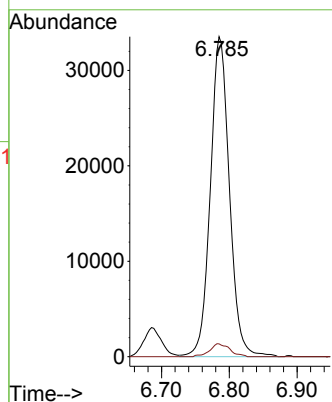
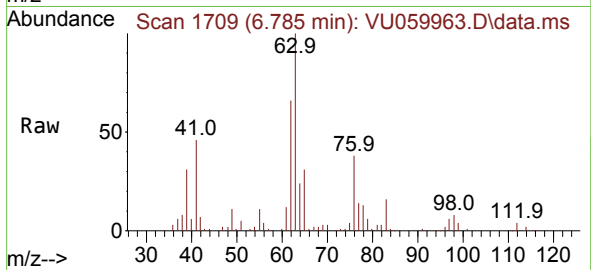
ClientSampleId :

Tgt Ion: 63 Resp: 65605

Ion Ratio Lower Upper

63 100

112 4.3 2.6 3.8#



#38

Bromodichloromethane

Concen: 5.518 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VU059963.D

Acq: 16 Jul 2024 09:08

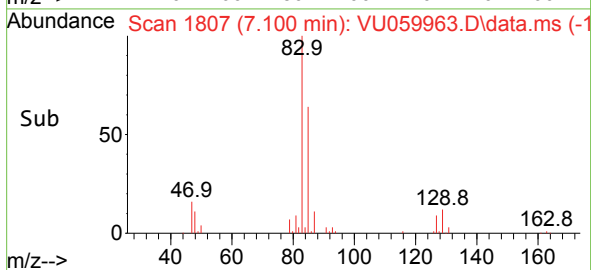
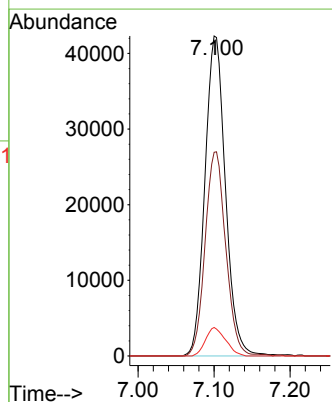
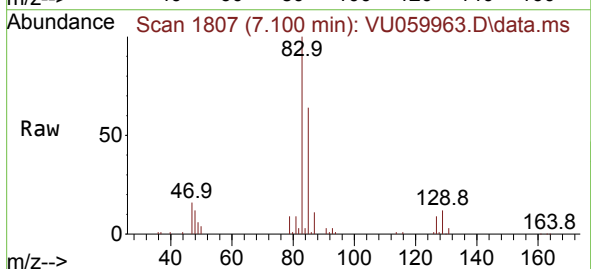
Tgt Ion: 83 Resp: 79354

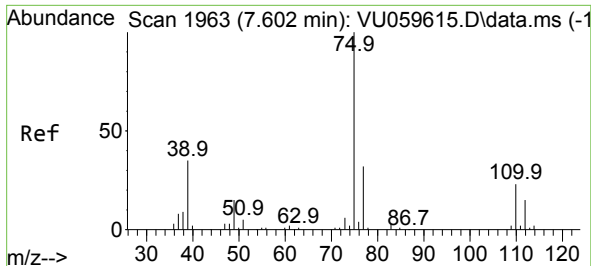
Ion Ratio Lower Upper

83 100

85 63.6 42.7 79.3

127 8.9 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 5.217 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VU059963.D

Acq: 16 Jul 2024 09:08

Instrument :

MSVOA_U

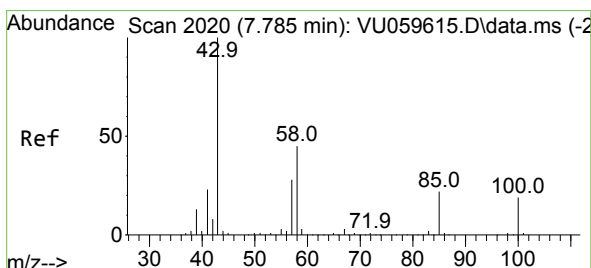
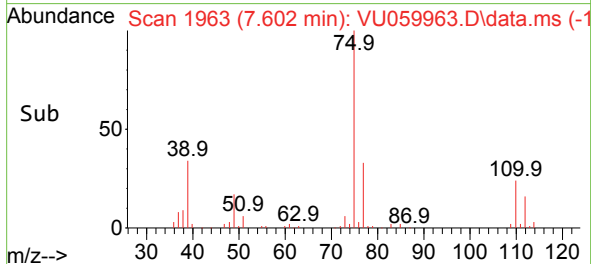
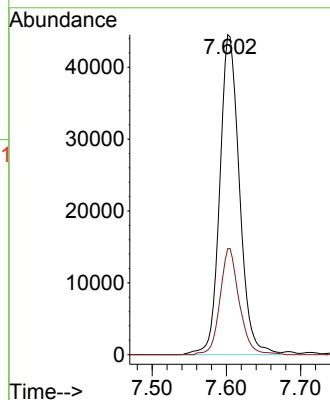
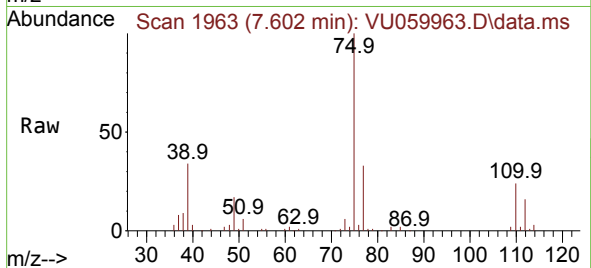
ClientSampleId :

Tgt Ion: 75 Resp: 82200

Ion Ratio Lower Upper

75 100

77 33.2 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 57.520 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. 0.000 min

Lab File: VU059963.D

Acq: 16 Jul 2024 09:08

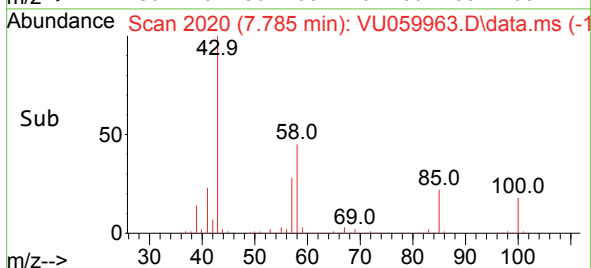
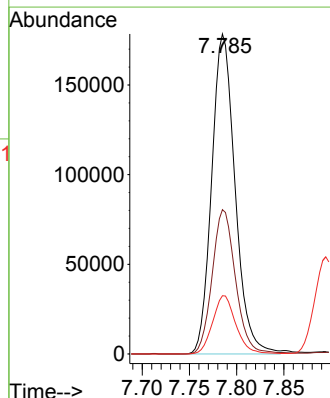
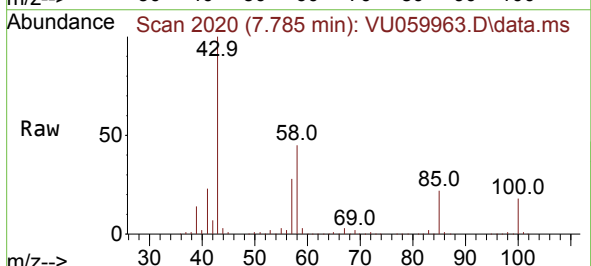
Tgt Ion: 43 Resp: 307063

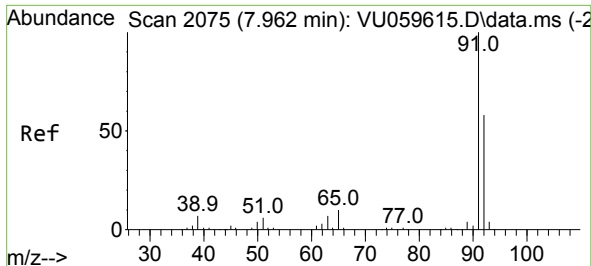
Ion Ratio Lower Upper

43 100

58 45.2 34.0 51.0

100 18.1 12.1 18.1





#42

Toluene

Concen: 5.455 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU059963.D

Acq: 16 Jul 2024 09:08

Instrument :

MSVOA_U

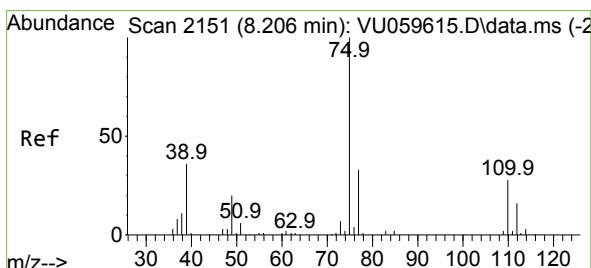
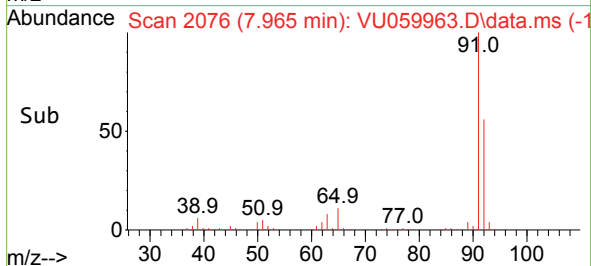
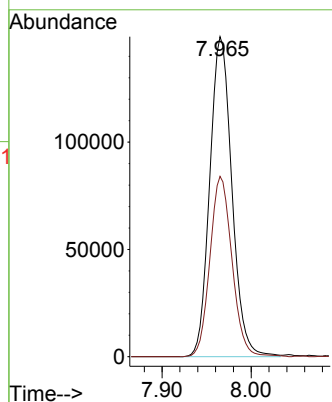
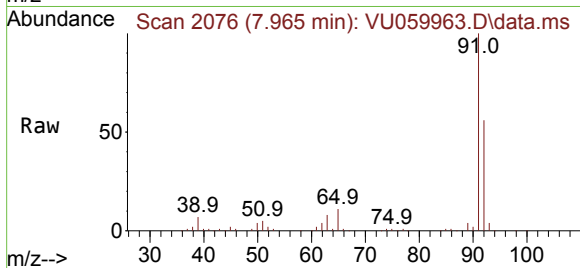
ClientSampleId :

Tgt Ion: 91 Resp: 257113

Ion Ratio Lower Upper

91 100

92 56.3 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 5.564 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU059963.D

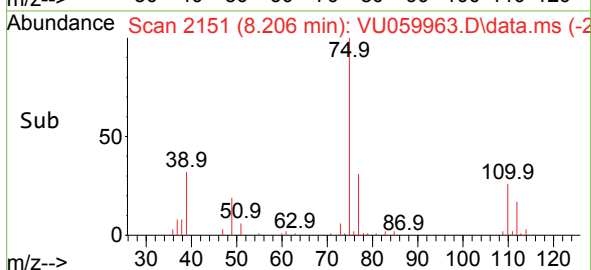
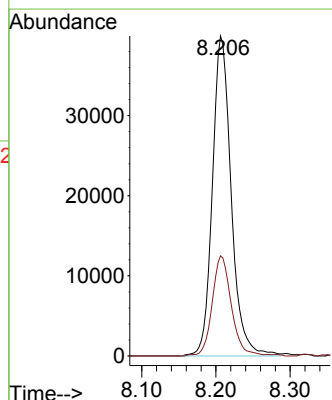
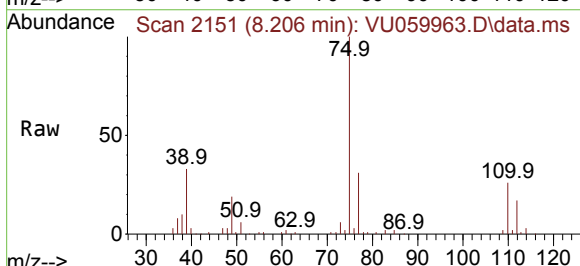
Acq: 16 Jul 2024 09:08

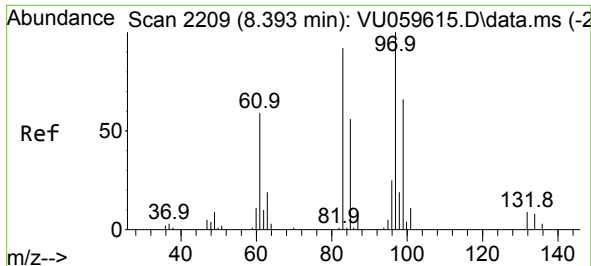
Tgt Ion: 75 Resp: 70358

Ion Ratio Lower Upper

75 100

77 31.3 22.0 41.0

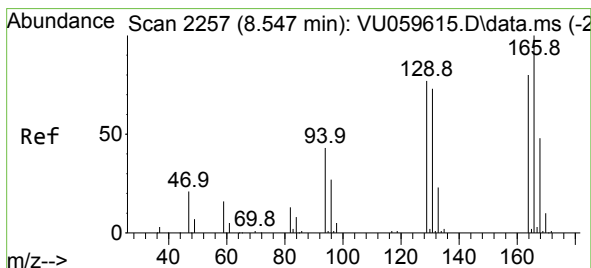
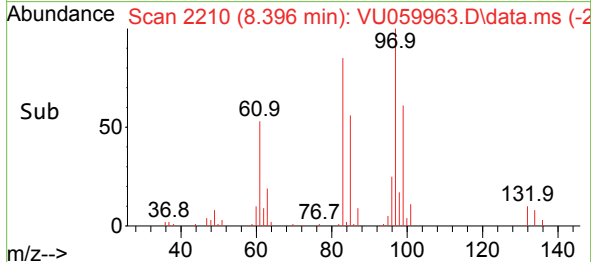
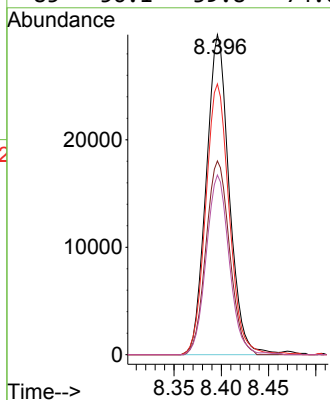
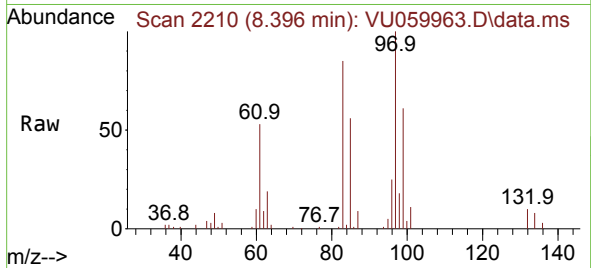




#45
1,1,2-Trichloroethane
Concen: 5.936 ug/L
RT: 8.396 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU059963.D
Acq: 16 Jul 2024 09:08

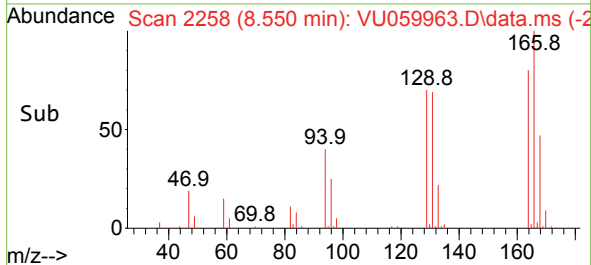
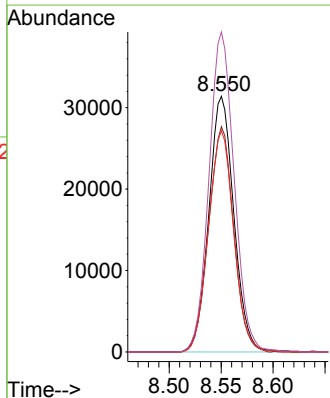
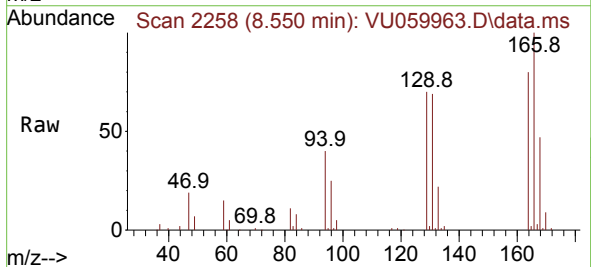
Instrument :
MSVOA_U
ClientSampleId :

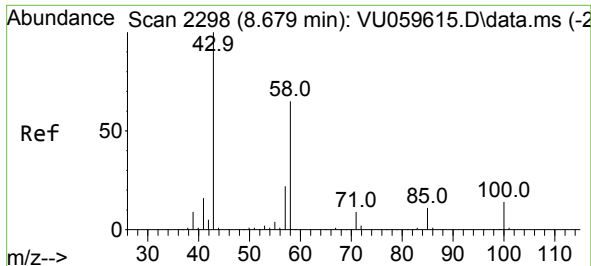
Tgt Ion:	97	Resp:	50395
Ion	Ratio	Lower	Upper
97	100		
99	60.6	43.3	80.3
83	84.6	62.3	115.7
85	56.1	39.8	74.0



#47
Tetrachloroethene
Concen: 5.635 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU059963.D
Acq: 16 Jul 2024 09:08

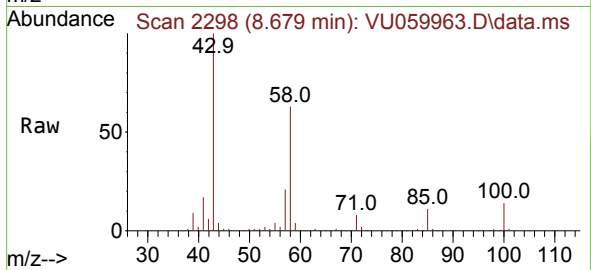
Tgt Ion:	164	Resp:	52713
Ion	Ratio	Lower	Upper
164	100		
129	88.1	70.8	131.4
131	86.6	64.8	120.3
166	125.1	91.1	169.1



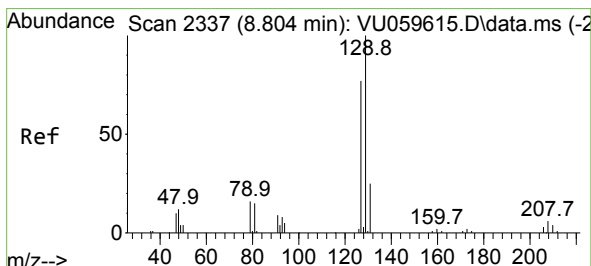
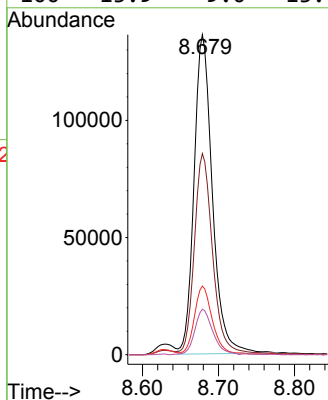
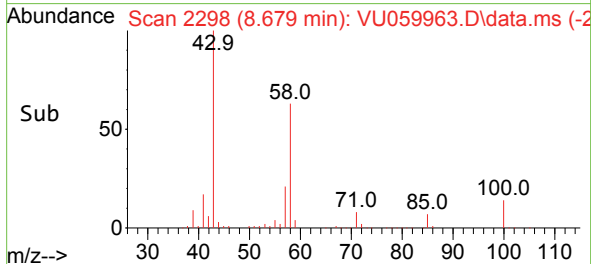


#48
2-Hexanone
Concen: 59.922 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VU059963.D
Acq: 16 Jul 2024 09:08

Instrument :
MSVOA_U
ClientSampleId :

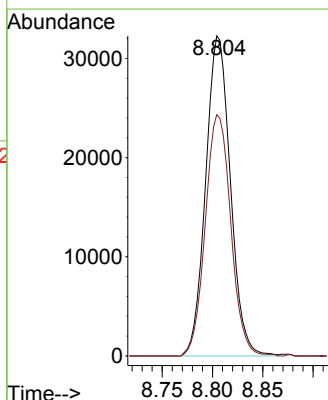
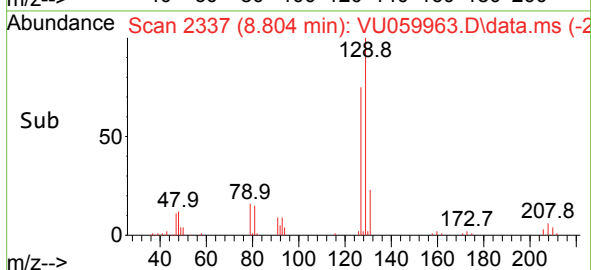
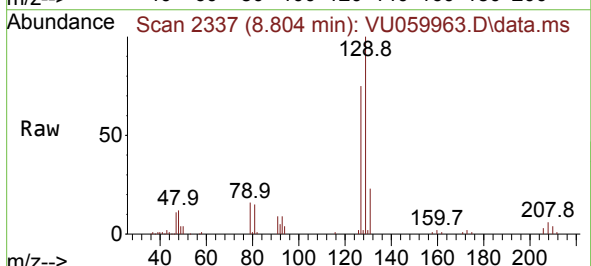


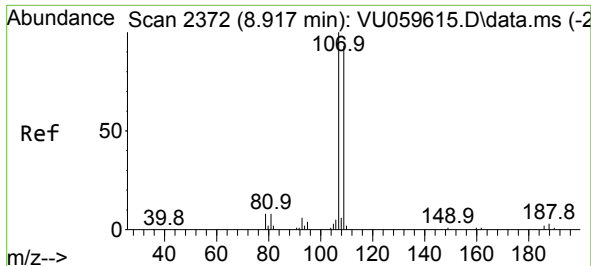
Tgt Ion: 43 Resp: 228298
Ion Ratio Lower Upper
43 100
58 63.9 46.1 69.1
57 21.0 15.5 23.3
100 13.9 9.0 13.6#



#49
Dibromochloromethane
Concen: 5.869 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU059963.D
Acq: 16 Jul 2024 09:08

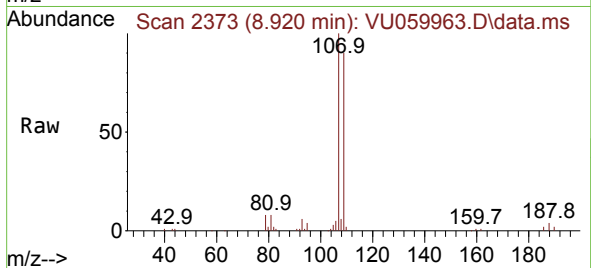
Tgt Ion: 129 Resp: 55197
Ion Ratio Lower Upper
129 100
127 75.4 52.5 97.5



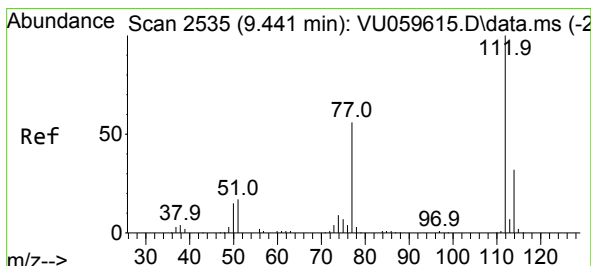
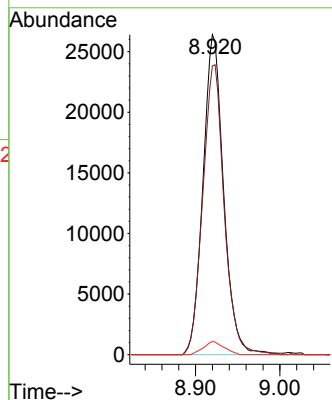
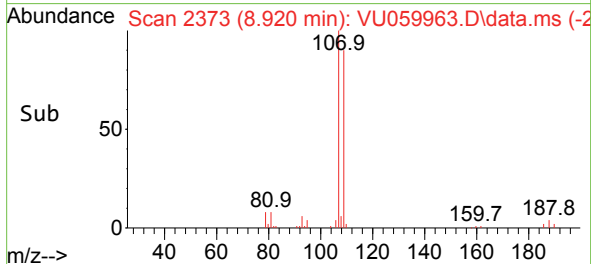


#50
1,2-Dibromoethane
Concen: 5.742 ug/L
RT: 8.920 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU059963.D
Acq: 16 Jul 2024 09:08

Instrument :
MSVOA_U
ClientSampleId :

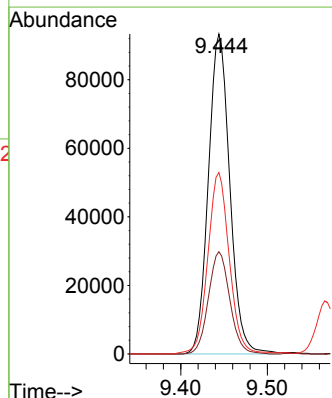
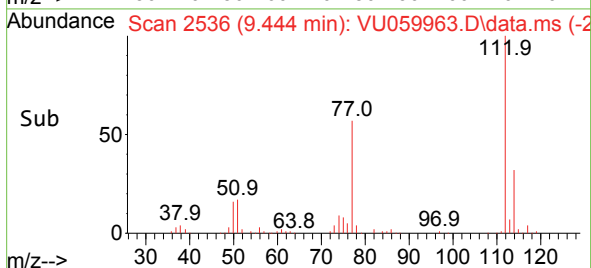
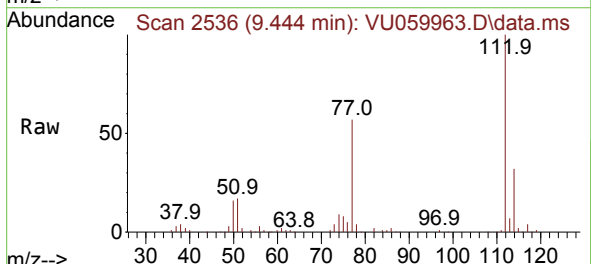


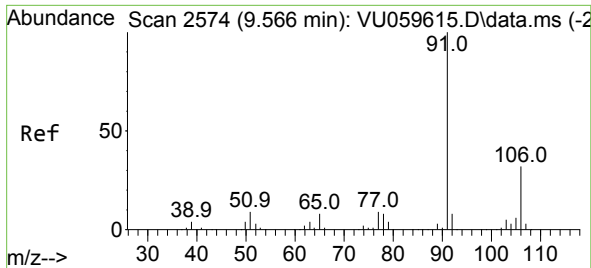
Tgt Ion:107 Resp: 45021
Ion Ratio Lower Upper
107 100
109 90.3 66.9 124.3
188 4.1 2.7 4.1#



#51
Chlorobenzene
Concen: 5.368 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU059963.D
Acq: 16 Jul 2024 09:08

Tgt Ion:112 Resp: 160477
Ion Ratio Lower Upper
112 100
114 31.9 22.4 41.6
77 56.7 49.1 73.7

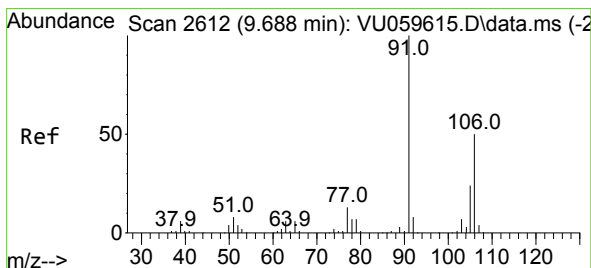
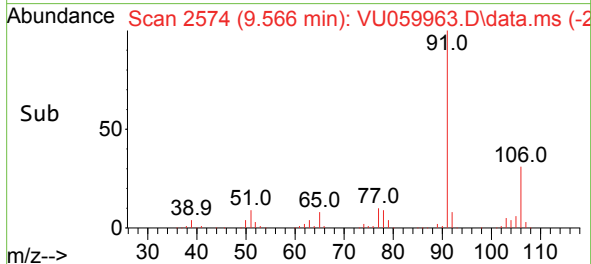
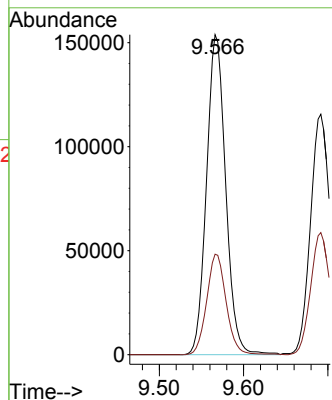
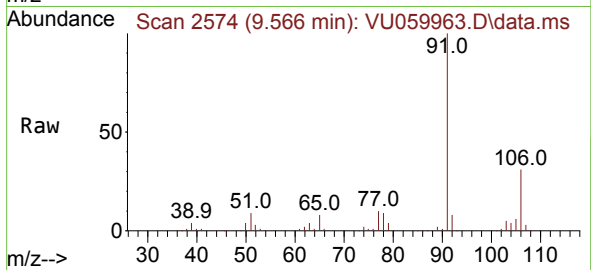




#52
Ethylbenzene
Concen: 5.034 ug/L
RT: 9.566 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU059963.D
Acq: 16 Jul 2024 09:08

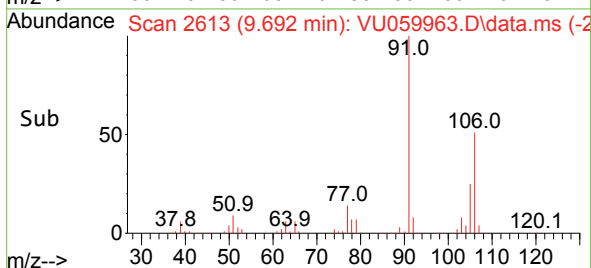
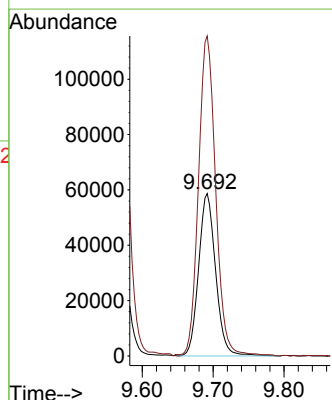
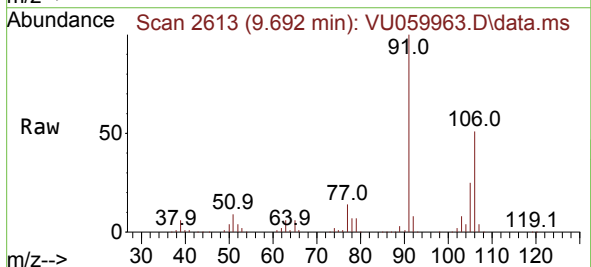
Instrument :
MSVOA_U
ClientSampleId :

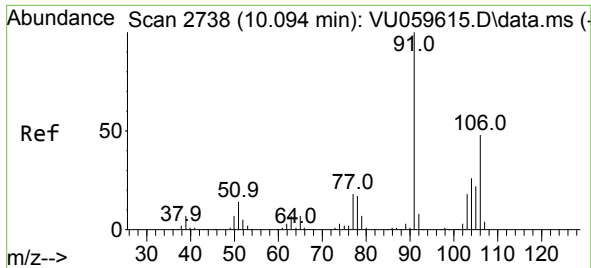
Tgt Ion: 91 Resp: 243384
Ion Ratio Lower Upper
91 100
106 31.4 20.9 38.7



#53
m,p-Xylene
Concen: 5.268 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU059963.D
Acq: 16 Jul 2024 09:08

Tgt Ion:106 Resp: 97824
Ion Ratio Lower Upper
106 100
91 197.0 142.0 263.8

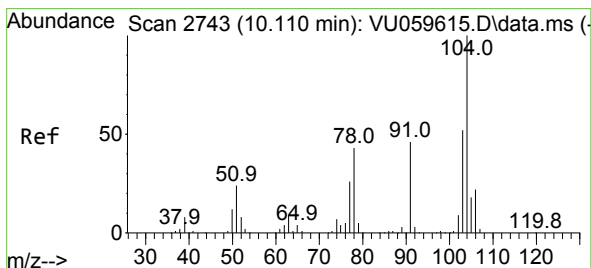
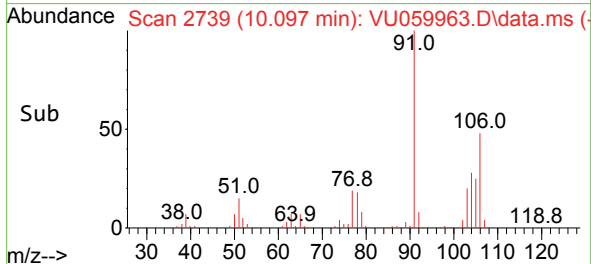
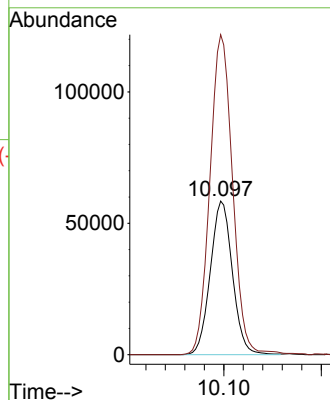
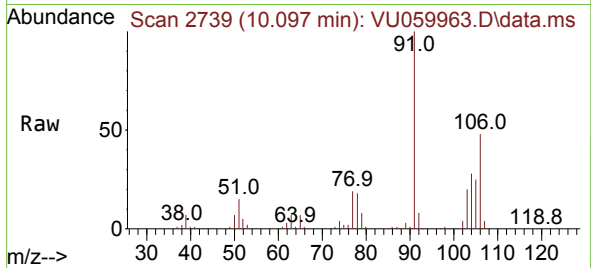




#54
o-Xylene
Concen: 5.227 ug/L
RT: 10.097 min Scan# 2738
Delta R.T. 0.003 min
Lab File: VU059963.D
Acq: 16 Jul 2024 09:08

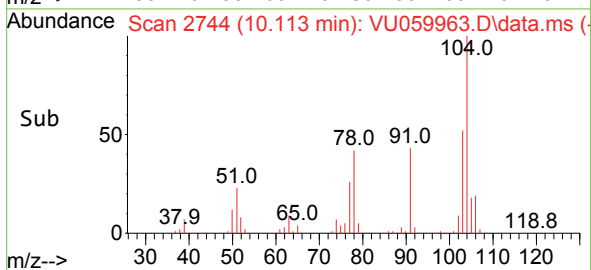
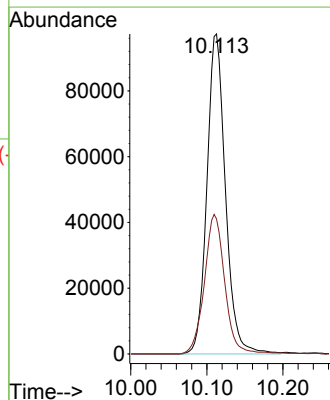
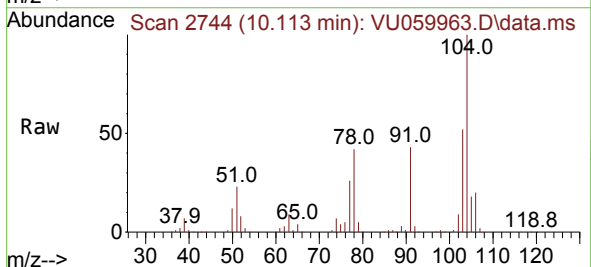
Instrument :
MSVOA_U
ClientSampleId :

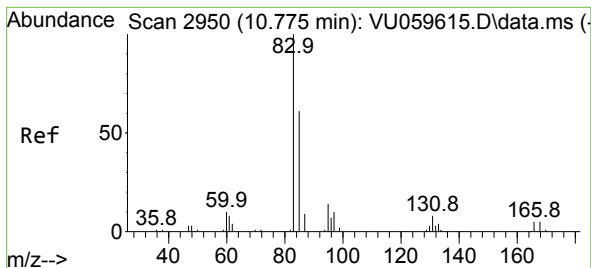
Tgt Ion:106 Resp: 92121
Ion Ratio Lower Upper
106 100
91 208.4 151.6 281.6



#55
Styrene
Concen: 5.496 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.003 min
Lab File: VU059963.D
Acq: 16 Jul 2024 09:08

Tgt Ion:104 Resp: 164885
Ion Ratio Lower Upper
104 100
78 42.2 32.3 60.1

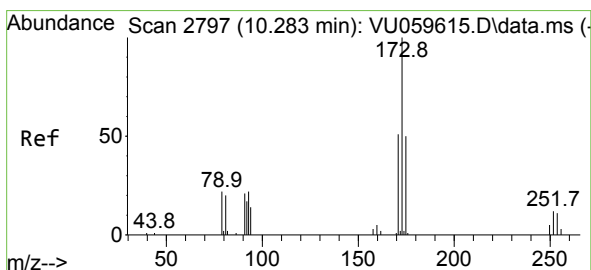
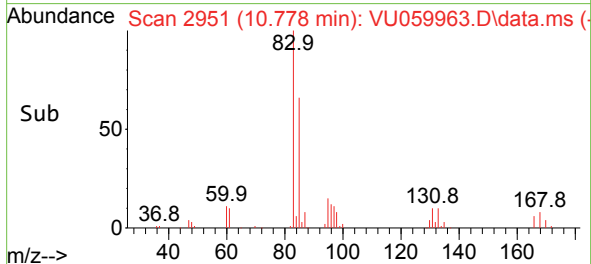
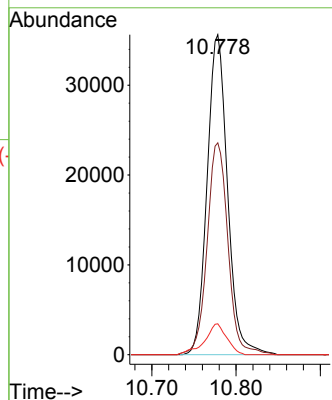
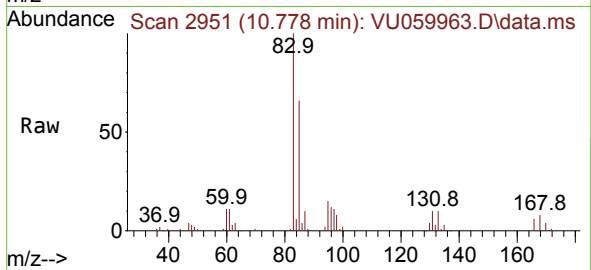




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.825 ug/L
 RT: 10.778 min Scan# 2950
 Delta R.T. 0.003 min
 Lab File: VU059963.D
 Acq: 16 Jul 2024 09:08

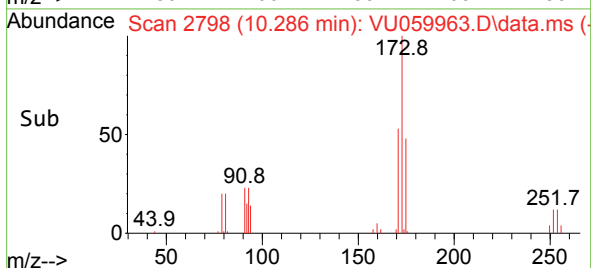
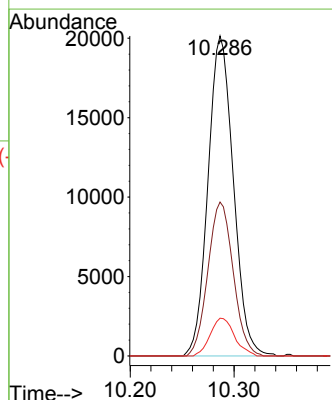
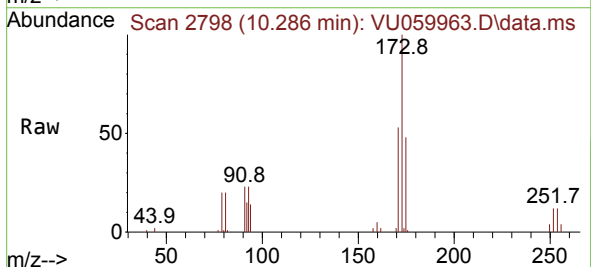
Instrument :
 MSVOA_U
 ClientSampleId :

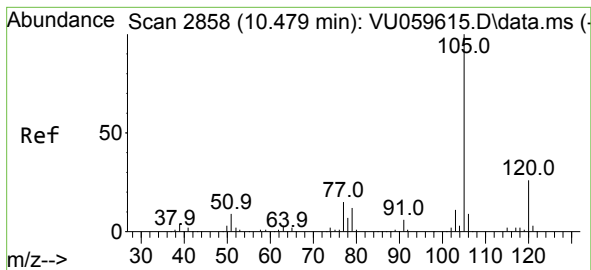
Tgt Ion: 83 Resp: 59994
 Ion Ratio Lower Upper
 83 100
 85 66.2 44.7 82.9
 131 9.7 6.9 10.3



#59
 Bromoform
 Concen: 5.983 ug/L
 RT: 10.286 min Scan# 2798
 Delta R.T. 0.000 min
 Lab File: VU059963.D
 Acq: 16 Jul 2024 09:08

Tgt Ion: 173 Resp: 34106
 Ion Ratio Lower Upper
 173 100
 175 47.9 39.4 59.2
 254 11.3 7.4 11.2#





#60

Isopropylbenzene

Concen: 5.359 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU059963.D

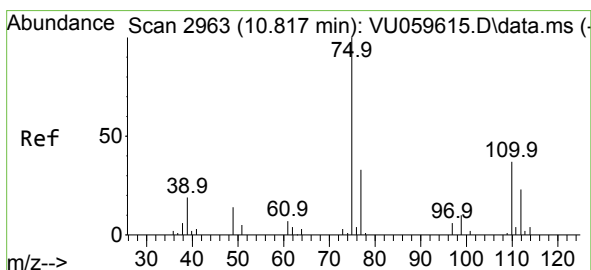
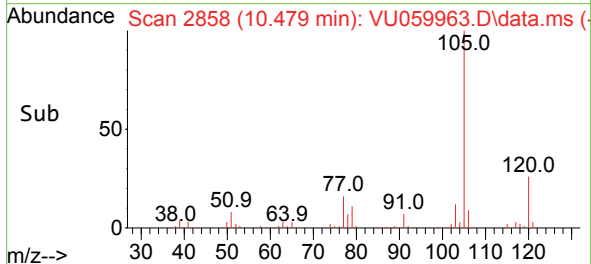
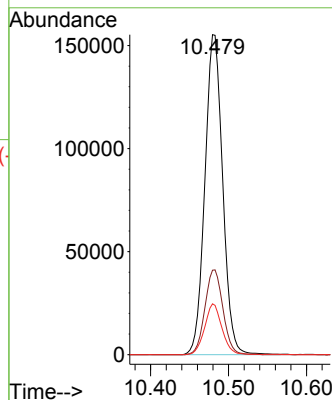
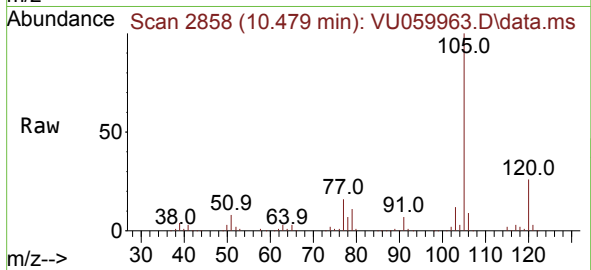
Acq: 16 Jul 2024 09:08

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	246549
Ion Ratio	Lower	Upper	
105	100		
120	26.8	20.6	31.0
77	15.5	12.8	19.2



#61

1,2,3-Trichloropropane

Concen: 5.933 ug/L

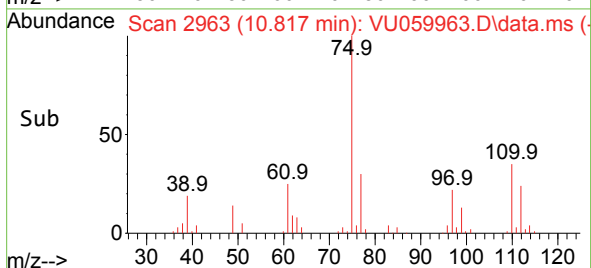
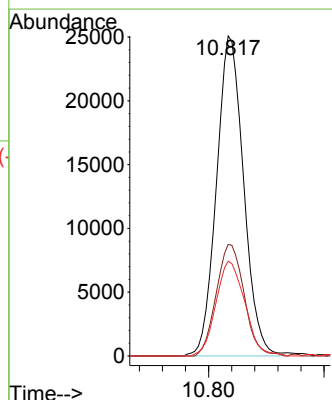
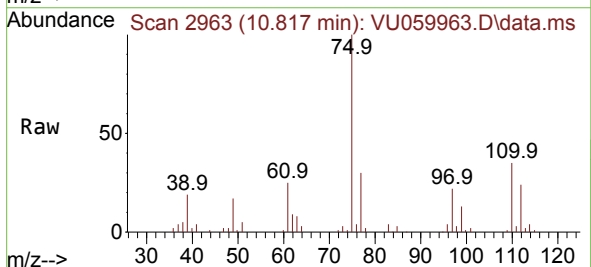
RT: 10.817 min Scan# 2963

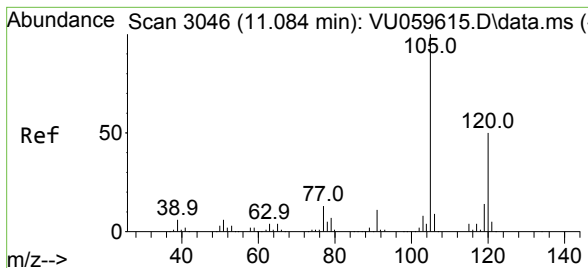
Delta R.T. 0.000 min

Lab File: VU059963.D

Acq: 16 Jul 2024 09:08

Tgt Ion:	75	Resp:	40833
Ion Ratio	Lower	Upper	
75	100		
110	35.7	27.1	40.7
77	31.6	25.4	38.2





#62

1,3,5-Trimethylbenzene

Concen: 4.941 ug/L

RT: 11.087 min Scan# 3046

Delta R.T. 0.006 min

Lab File: VU059963.D

Acq: 16 Jul 2024 09:08

Instrument :

MSVOA_U

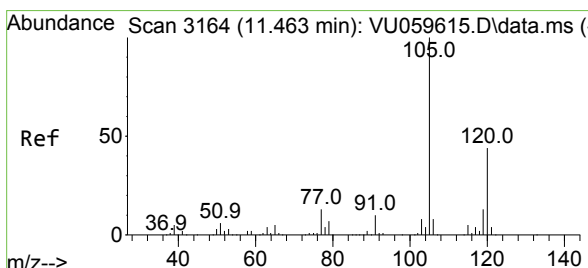
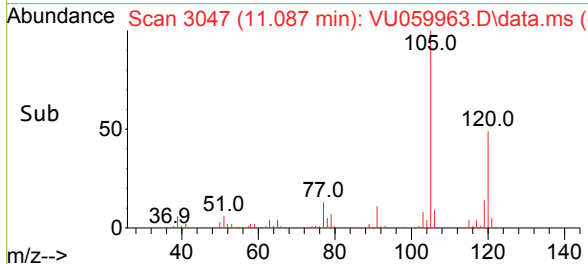
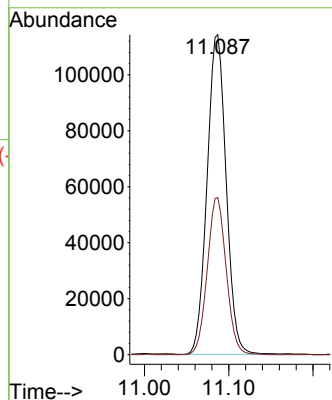
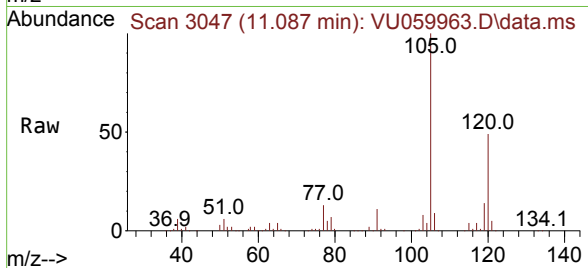
ClientSampleId :

Tgt Ion:105 Resp: 180104

Ion Ratio Lower Upper

105 100

120 48.7 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 5.157 ug/L

RT: 11.466 min Scan# 3165

Delta R.T. 0.003 min

Lab File: VU059963.D

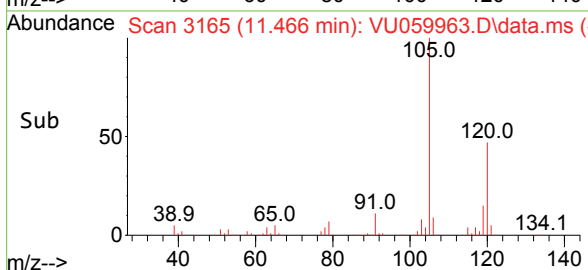
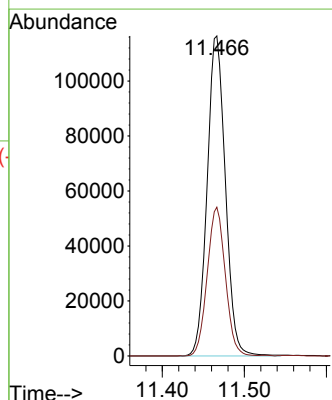
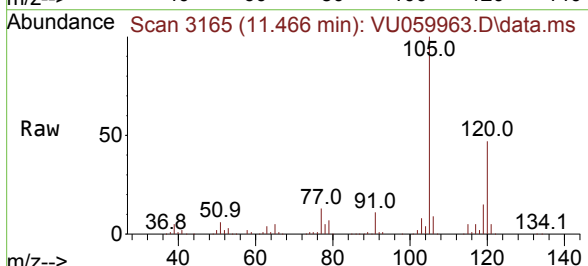
Acq: 16 Jul 2024 09:08

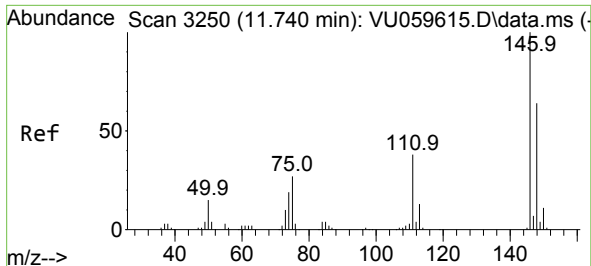
Tgt Ion:105 Resp: 179712

Ion Ratio Lower Upper

105 100

120 46.2 35.4 53.0

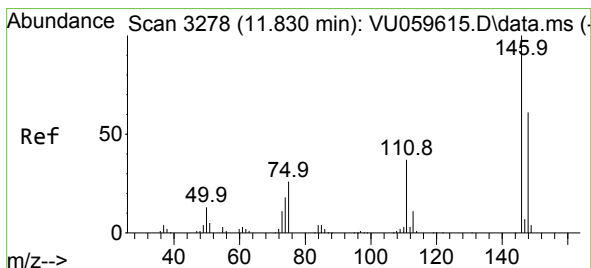
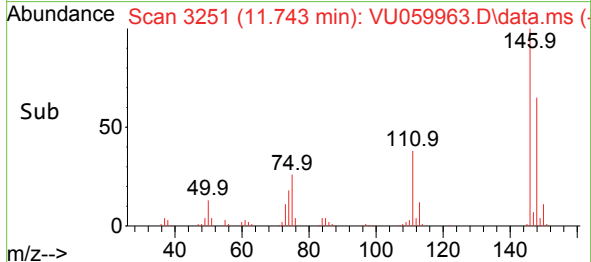
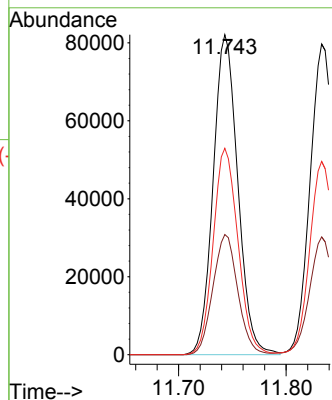
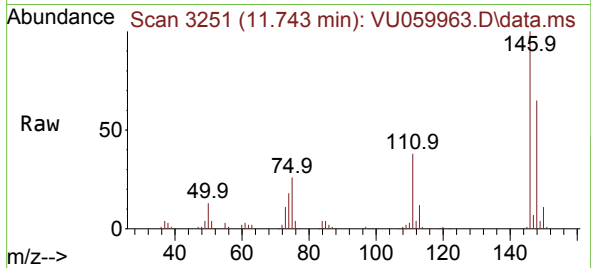




#64
1,3-Dichlorobenzene
Concen: 5.586 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU059963.D
Acq: 16 Jul 2024 09:08

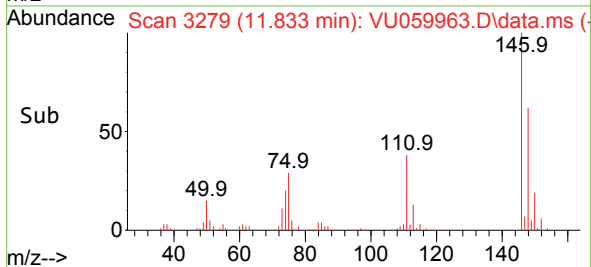
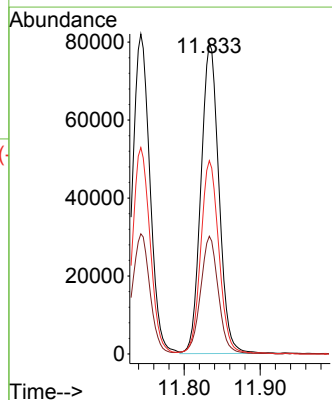
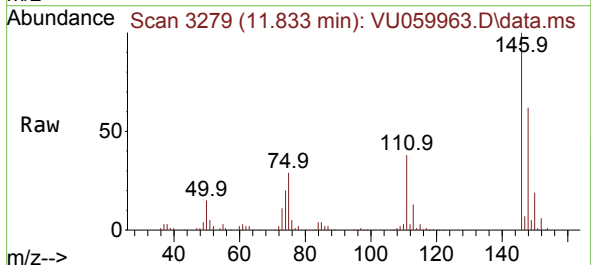
Instrument :
MSVOA_U
ClientSampleId :

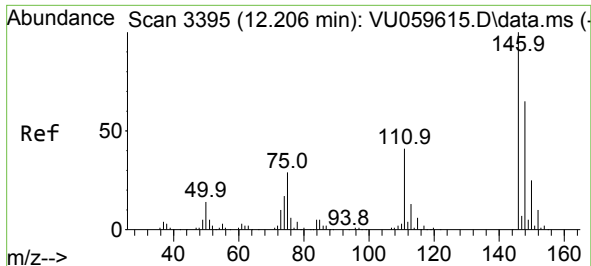
Tgt Ion:146 Resp: 130716
Ion Ratio Lower Upper
146 100
111 37.5 27.4 51.0
148 64.5 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 5.425 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU059963.D
Acq: 16 Jul 2024 09:08

Tgt Ion:146 Resp: 130672
Ion Ratio Lower Upper
146 100
111 37.9 26.9 50.1
148 62.2 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.528 ug/L

RT: 12.209 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU059963.D

Acq: 16 Jul 2024 09:08

Instrument :

MSVOA_U

ClientSampleId :

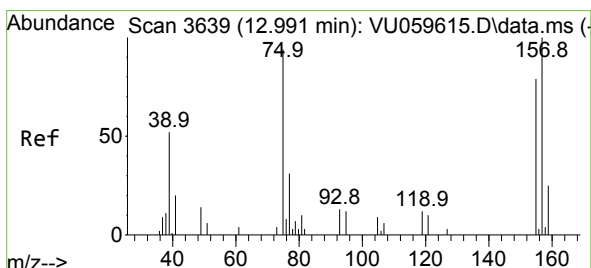
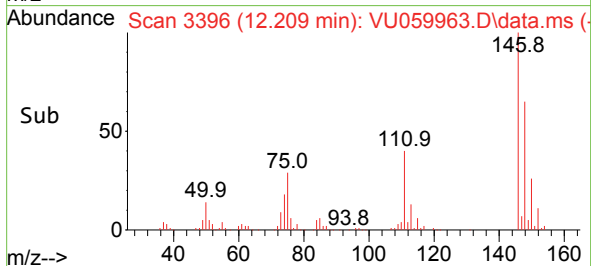
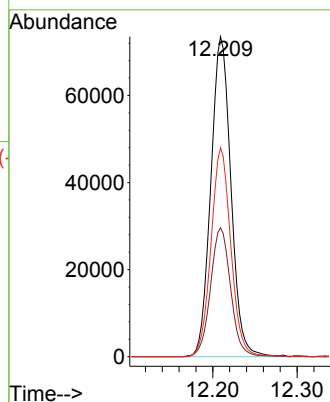
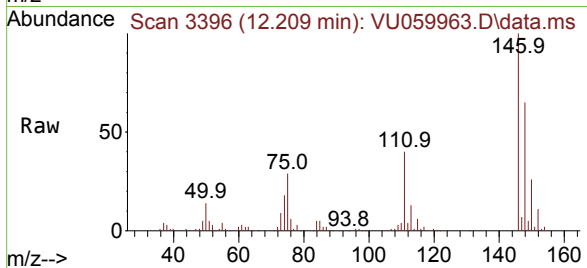
Tgt Ion:146 Resp: 121731

Ion Ratio Lower Upper

146 100

111 40.3 33.4 50.0

148 65.3 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 6.081 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.003 min

Lab File: VU059963.D

Acq: 16 Jul 2024 09:08

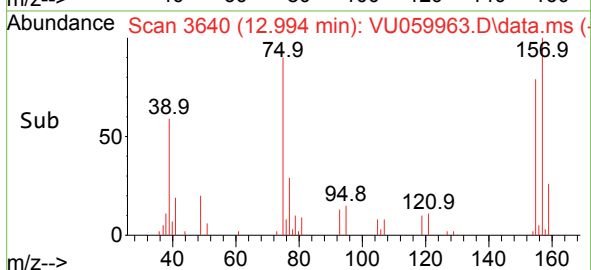
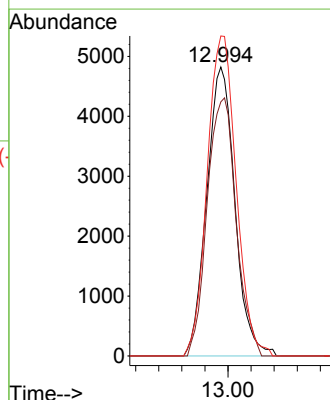
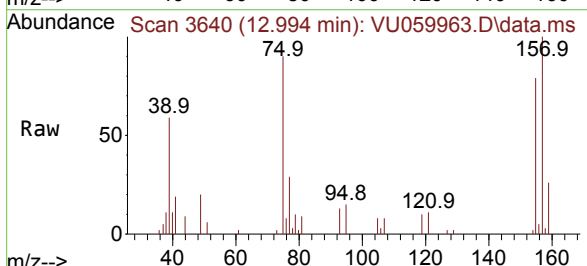
Tgt Ion: 75 Resp: 8164

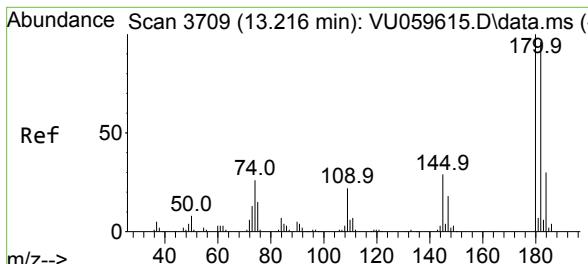
Ion Ratio Lower Upper

75 100

155 87.9 58.2 87.2#

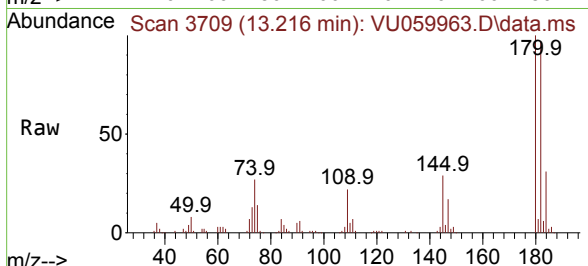
157 110.7 80.0 120.0



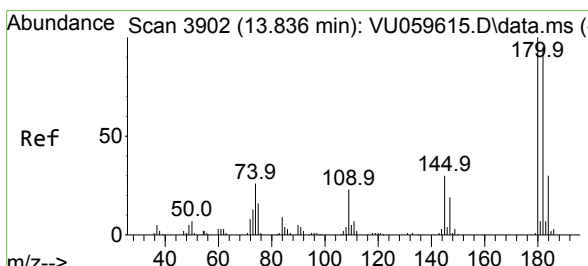
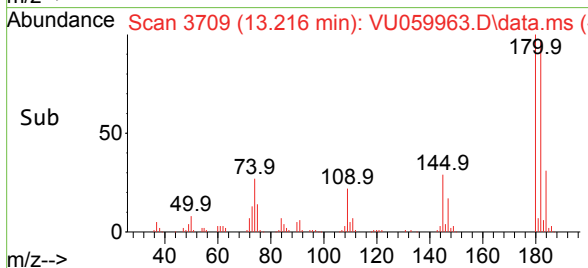
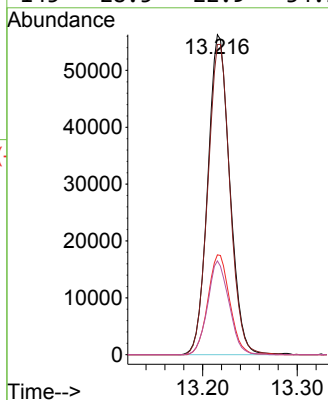


#69
 1,3,5-Trichlorobenzene
 Concen: 5.244 ug/L
 RT: 13.216 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU059963.D
 Acq: 16 Jul 2024 09:08

Instrument :
 MSVOA_U
 ClientSampleId :

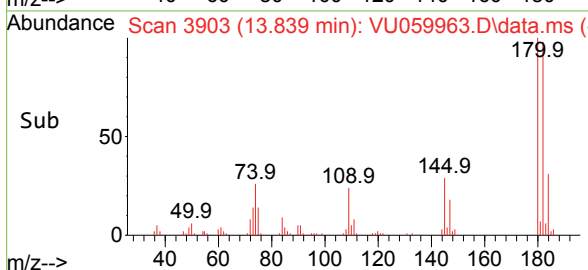
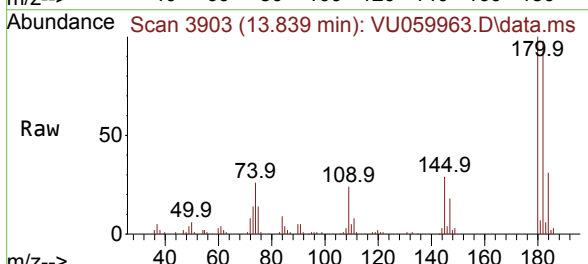
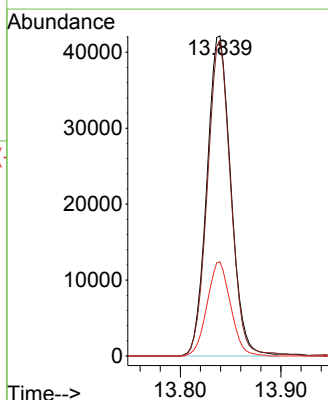


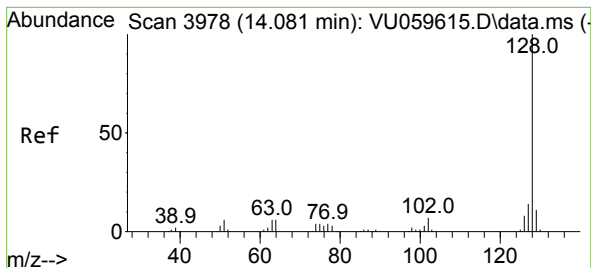
Tgt Ion:	180	Resp:	90845
Ion Ratio	Lower	Upper	
180	100		
182	97.3	75.4	113.0
184	31.0	23.0	34.6
145	28.5	22.9	34.3



#70
 1,2,4-trichlorobenzene
 Concen: 5.234 ug/L
 RT: 13.839 min Scan# 3903
 Delta R.T. 0.006 min
 Lab File: VU059963.D
 Acq: 16 Jul 2024 09:08

Tgt Ion:	180	Resp:	69555
Ion Ratio	Lower	Upper	
180	100		
182	96.3	74.9	112.3
145	28.9	23.9	35.9





#71

Naphthalene

Concen: 5.126 ug/L

RT: 14.087 min Scan# 3978

Delta R.T. 0.003 min

Lab File: VU059963.D

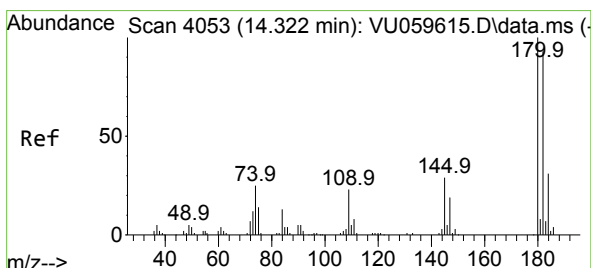
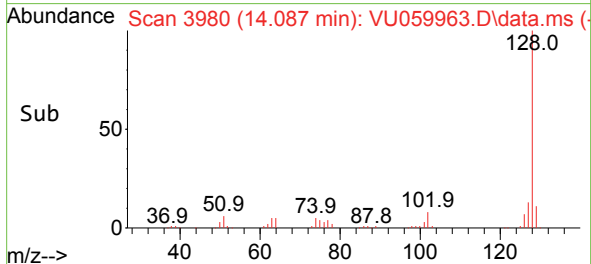
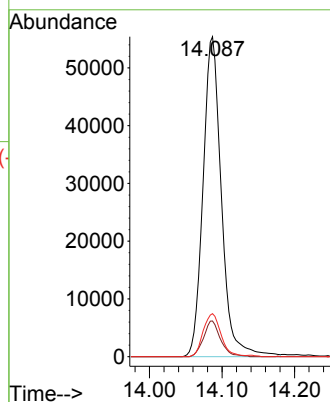
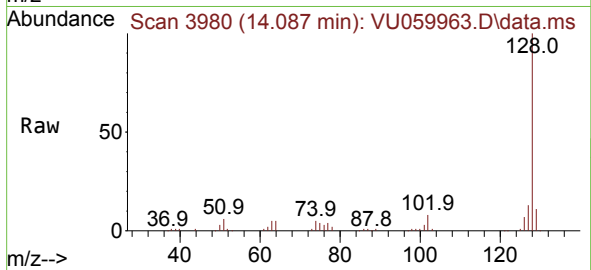
Acq: 16 Jul 2024 09:08

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp:	97496
Ion Ratio	Lower	Upper
128	100	
129	10.3	8.2 12.4
127	13.1	10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 5.428 ug/L

RT: 14.328 min Scan# 4055

Delta R.T. 0.003 min

Lab File: VU059963.D

Acq: 16 Jul 2024 09:08

Tgt Ion:180	Resp:	66970
Ion Ratio	Lower	Upper
180	100	
182	97.7	77.0 115.6
145	30.2	26.2 39.4

