

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072624\
 Data File : VU060243.D
 Acq On : 26 Jul 2024 22:59
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 27 00:36:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 26 23:14:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	150024	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	151504	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	76921	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	40007	3.833	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.600%
7) Chloroethane-d5	1.911	69	38548	3.975	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.600%
11) 1,1-Dichloroethene-d2	2.560	65	14906	3.658	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.200%
20) 2-Butanone-d5	4.628	46	144934	59.390	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.780%
24) Chloroform-d	5.055	84	96390	4.394	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.695	65	45578	4.462	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
32) Benzene-d6	5.721	84	165115	4.068	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
36) 1,2-Dichloropropane-d6	6.682	67	60027	4.641	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.891	98	140831	3.840	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.800%
43) trans-1,3-Dichloroprop...	8.174	79	18419	4.183	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.600%
46) 2-Hexanone-d5	8.627	63	110065	56.333	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.660%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	59858	5.200	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	58684	4.227	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	46889	4.133	ug/L	99
3) Chloromethane	1.518	50	59914	4.373	ug/L	97
5) Vinyl chloride	1.602	62	64956	4.229	ug/L	99
6) Bromomethane	1.853	94	39195	3.920	ug/L	97
8) Chloroethane	1.930	64	41991	4.185	ug/L	99
9) Trichlorofluoromethane	2.132	101	83537	4.312	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	54326	4.297	ug/L	94
12) 1,1-Dichloroethene	2.573	96	49721	4.342	ug/L	92
13) Acetone	2.644	43	83659	51.824	ug/L	96
14) Carbon disulfide	2.788	76	135693	4.070	ug/L	99
15) Methyl Acetate	2.952	43	22531	5.675	ug/L	96
16) Methylene chloride	3.039	84	64335	4.582	ug/L	93
17) Methyl tert-butyl Ether	3.358	73	123376	4.725	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	49901	4.189	ug/L	95
19) 1,1-Dichloroethane	3.859	63	107294	4.744	ug/L	99
21) 2-Butanone	4.708	43	146163	57.196	ug/L	95
22) cis-1,2-Dichloroethene	4.657	96	58788	4.406	ug/L	94
23) Bromochloromethane	4.968	128	27261	4.204	ug/L	# 87
25) Chloroform	5.081	83	110307	4.435	ug/L	100

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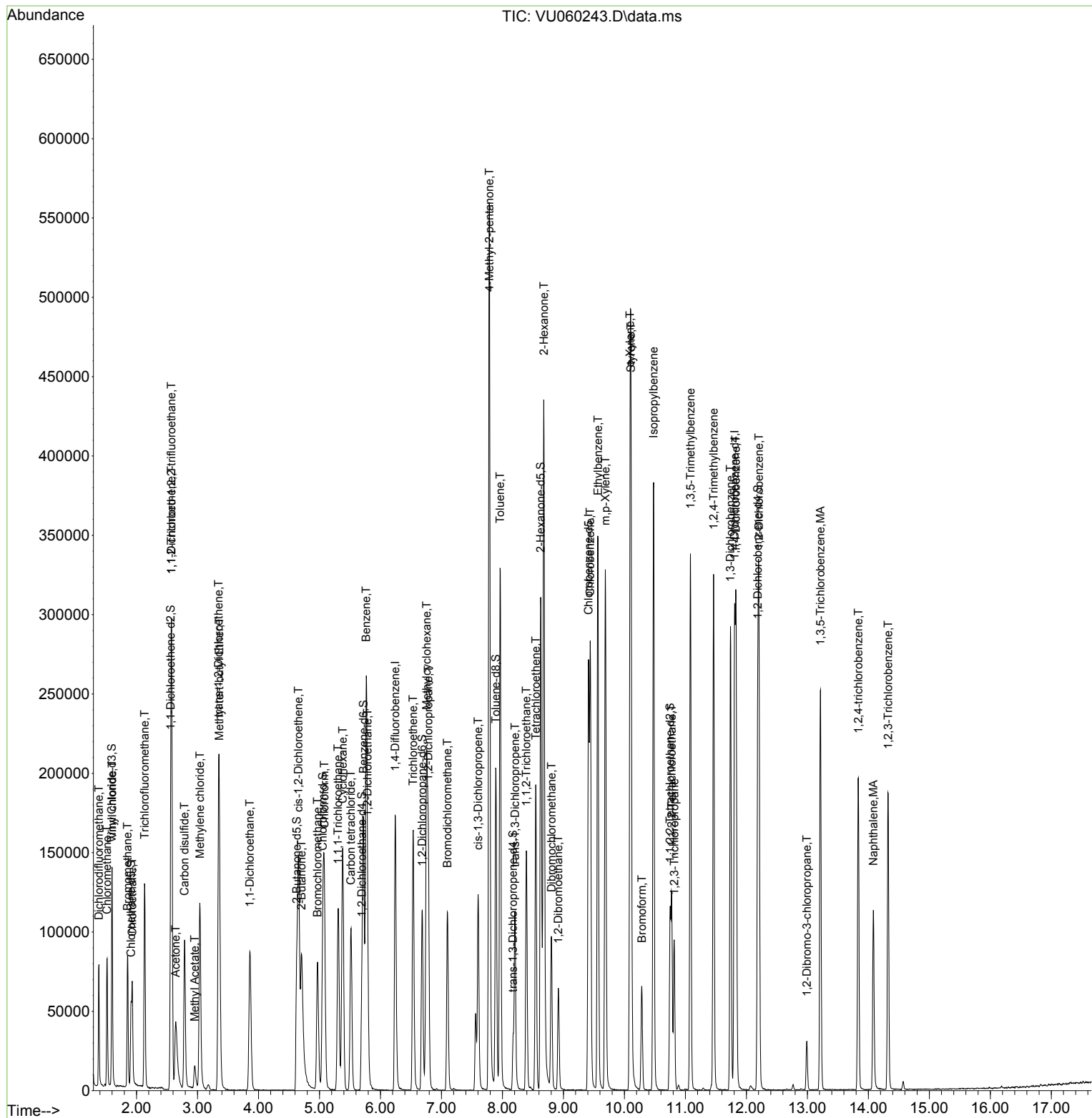
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	64817	4.559	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	85556	4.521	ug/L	98
30) Cyclohexane	5.380	56	71239	4.760	ug/L	93
31) Carbon tetrachloride	5.515	117	71717	4.393	ug/L	96
33) Benzene	5.766	78	236406	4.723	ug/L	100
34) Trichloroethene	6.537	95	59799	4.505	ug/L	92
35) Methylcyclohexane	6.756	83	74548	4.284	ug/L	91
37) 1,2-Dichloropropane	6.785	63	66210	4.897	ug/L	99
38) Bromodichloromethane	7.097	83	78344	4.625	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	79999	4.527	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	354634	59.272	ug/L	98
42) Toluene	7.962	91	252398	4.739	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	68511	4.642	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	49104	4.753	ug/L	96
47) Tetrachloroethene	8.547	164	42974	3.915	ug/L	92
48) 2-Hexanone	8.679	43	268480	61.286	ug/L	96
49) Dibromochloromethane	8.804	129	51388	4.496	ug/L	99
50) 1,2-Dibromoethane	8.917	107	44269	4.739	ug/L	95
51) Chlorobenzene	9.441	112	154338	4.435	ug/L	97
52) Ethylbenzene	9.566	91	247097	4.652	ug/L	100
53) m,p-Xylene	9.688	106	95534	4.656	ug/L	95
54) o-Xylene	10.094	106	92798	4.729	ug/L	93
55) Styrene	10.110	104	160675	4.810	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	63287	5.007	ug/L	100
59) Bromoform	10.287	173	31343	4.483	ug/L	98
60) Isopropylbenzene	10.479	105	241764	4.805	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	42276	5.213	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	184114	4.790	ug/L	96
63) 1,2,4-Trimethylbenzene	11.463	105	175719	4.731	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	121760	4.498	ug/L	96
65) 1,4-Dichlorobenzene	11.830	146	120466	4.371	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	113976	4.398	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.991	75	8926	5.647	ug/L	86
69) 1,3,5-Trichlorobenzene	13.216	180	82853	4.055	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	63840	4.105	ug/L	99
71) Naphthalene	14.084	128	97185	4.411	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	59446	4.251	ug/L	99

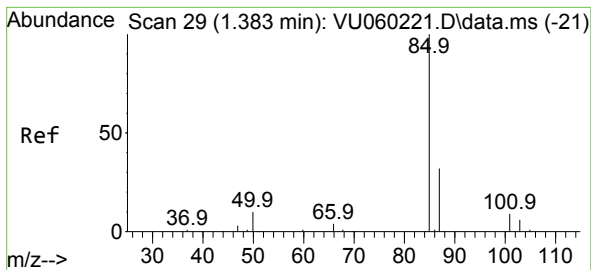
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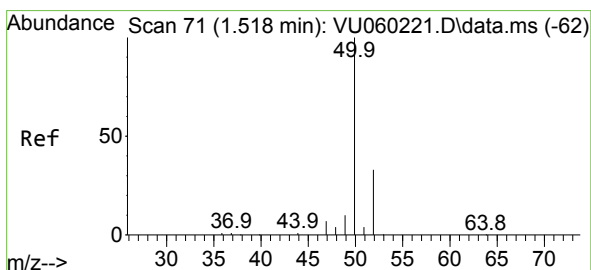
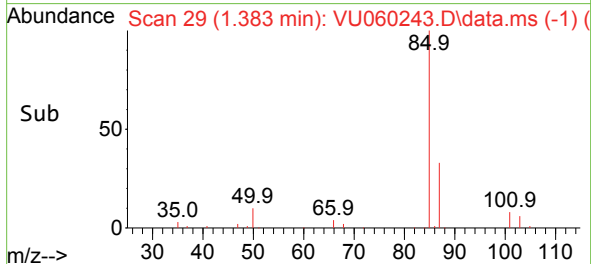
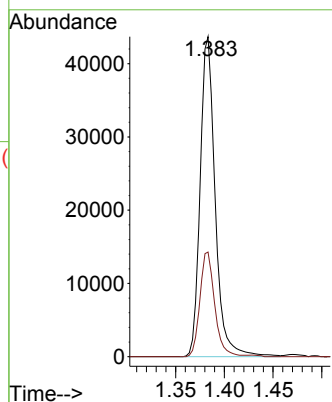
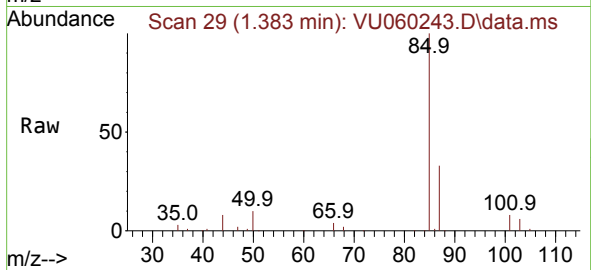




#2
Dichlorodifluoromethane
Concen: 4.133 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU060243.D
Acq: 26 Jul 2024 22:59

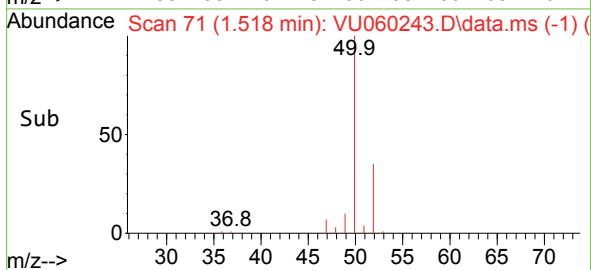
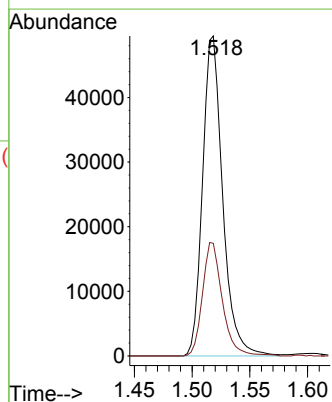
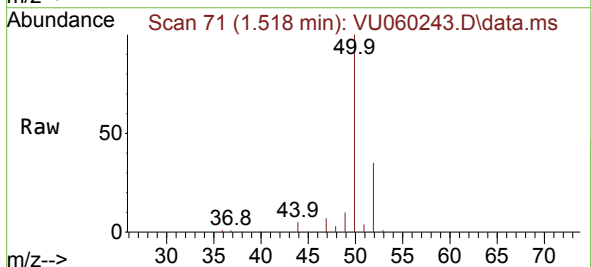
Instrument :
MSVOA_U
ClientSampleId :

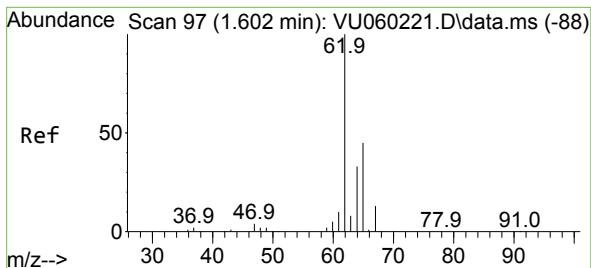
Tgt Ion: 85 Resp: 46889
Ion Ratio Lower Upper
85 100
87 32.1 26.1 39.1



#3
Chloromethane
Concen: 4.373 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU060243.D
Acq: 26 Jul 2024 22:59

Tgt Ion: 50 Resp: 59914
Ion Ratio Lower Upper
50 100
52 35.2 23.4 43.4





#5

Vinyl chloride

Concen: 4.229 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU060243.D

Acq: 26 Jul 2024 22:59

Instrument :

MSVOA_U

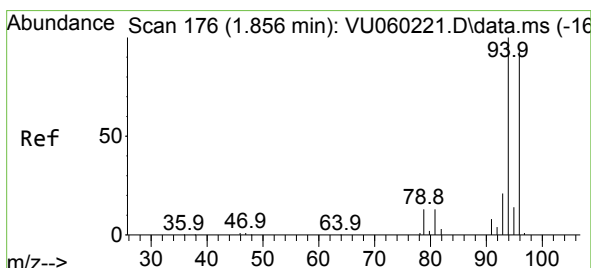
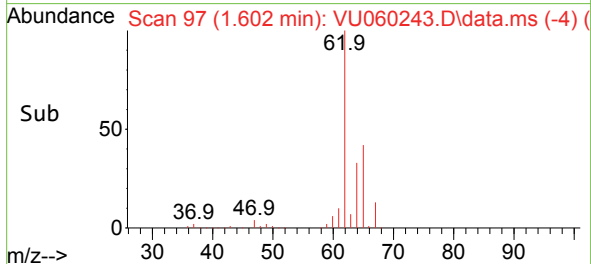
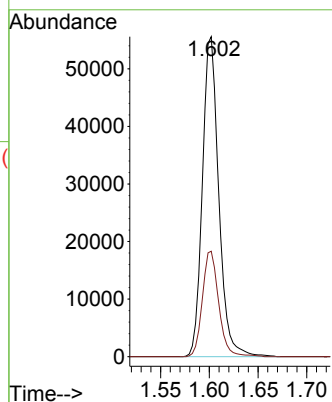
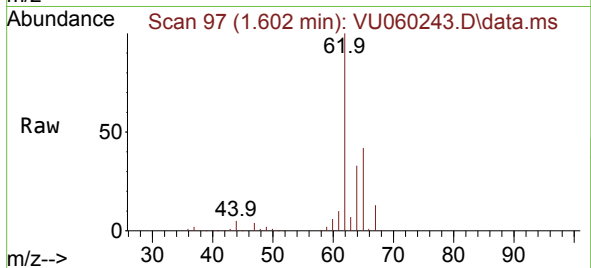
ClientSampleId :

Tgt Ion: 62 Resp: 64956

Ion Ratio Lower Upper

62 100

64 33.0 22.8 42.4



#6

Bromomethane

Concen: 3.920 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.003 min

Lab File: VU060243.D

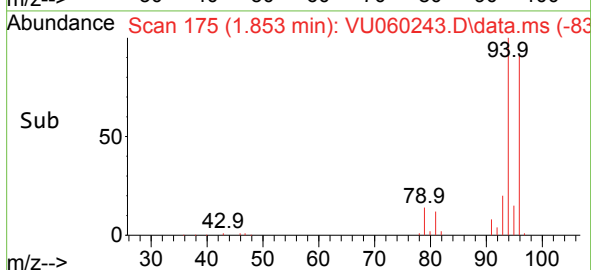
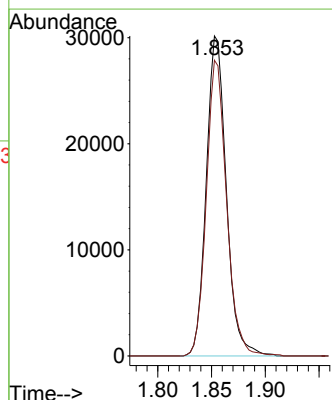
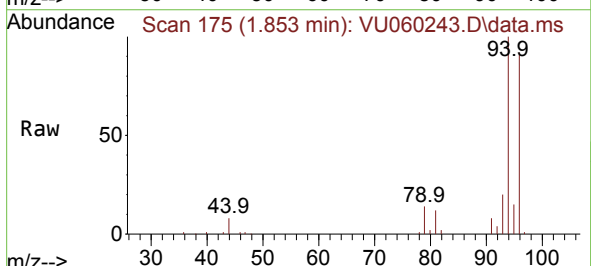
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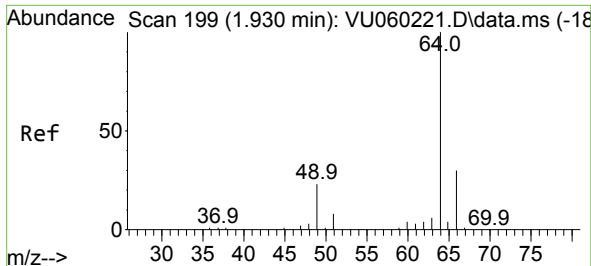
Tgt Ion: 94 Resp: 39195

Ion Ratio Lower Upper

94 100

96 92.4 66.6 123.6





#8

Chloroethane

Concen: 4.185 ug/L

RT: 1.930 min Scan# 199

Delta R.T. 0.000 min

Lab File: VU060243.D

Acq: 26 Jul 2024 22:59

Instrument :

MSVOA_U

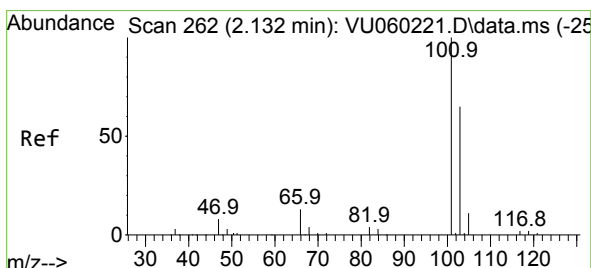
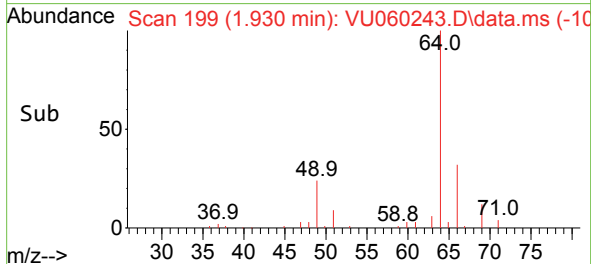
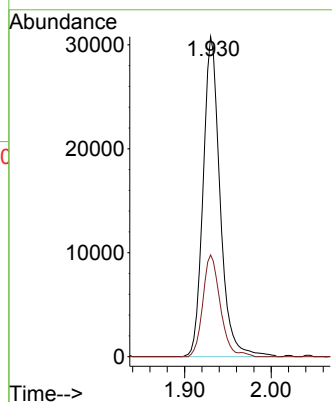
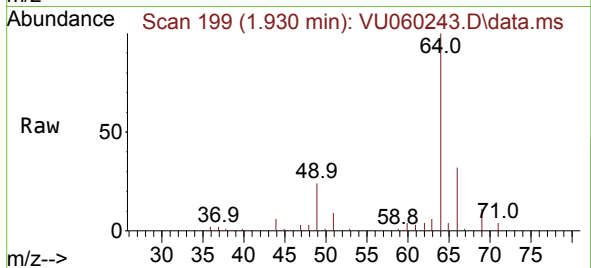
ClientSampleId :

Tgt Ion: 64 Resp: 41991

Ion Ratio Lower Upper

64 100

66 31.8 22.8 42.4



#9

Trichlorofluoromethane

Concen: 4.312 ug/L

RT: 2.132 min Scan# 262

Delta R.T. 0.000 min

Lab File: VU060243.D

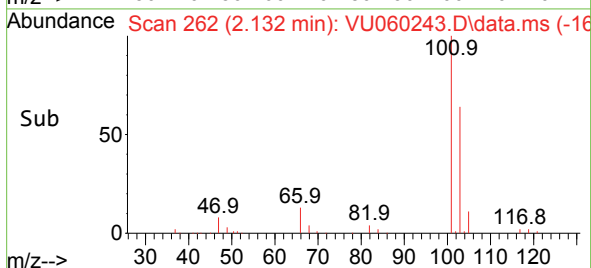
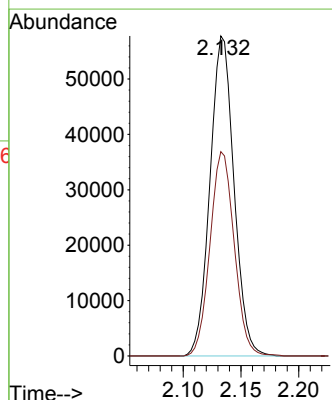
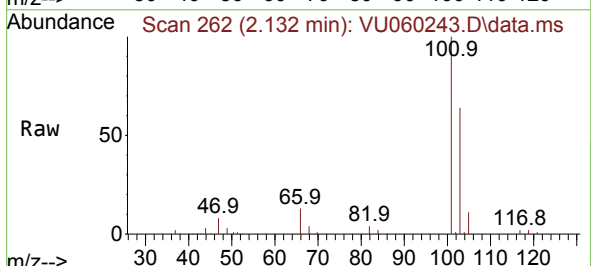
Acq: 26 Jul 2024 22:59

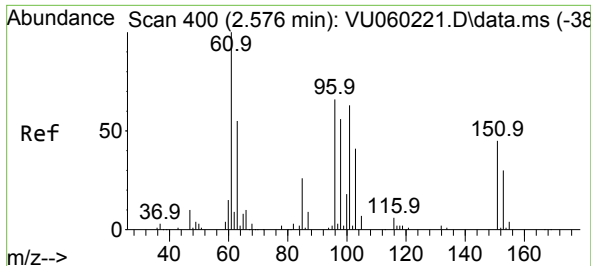
Tgt Ion:101 Resp: 83537

Ion Ratio Lower Upper

101 100

103 64.4 51.4 77.2

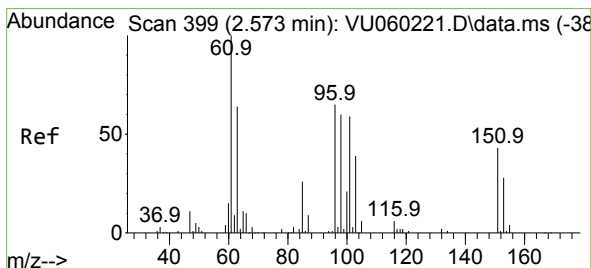
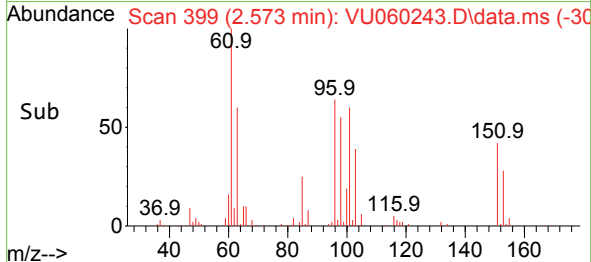
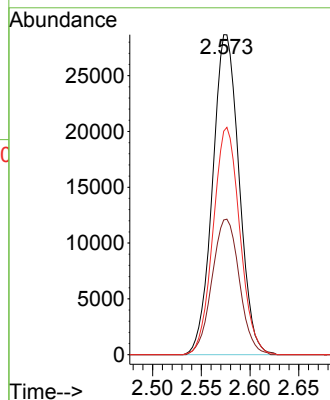
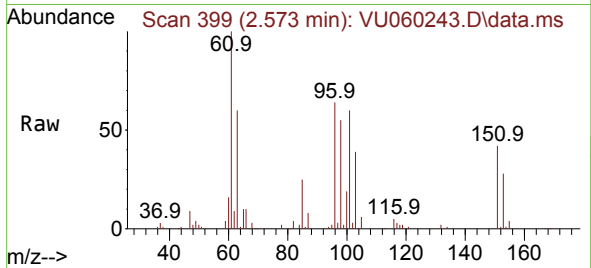




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.297 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU060243.D
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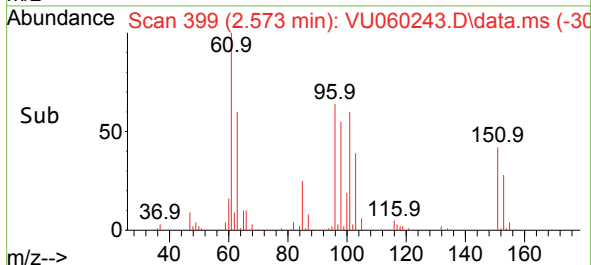
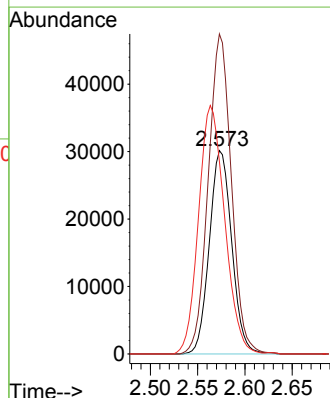
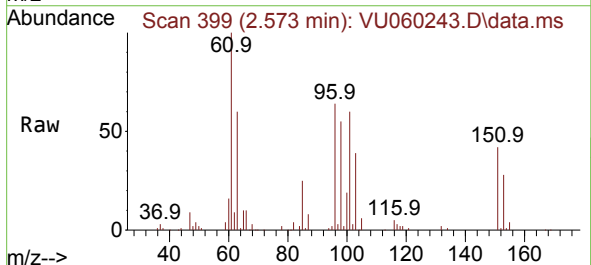
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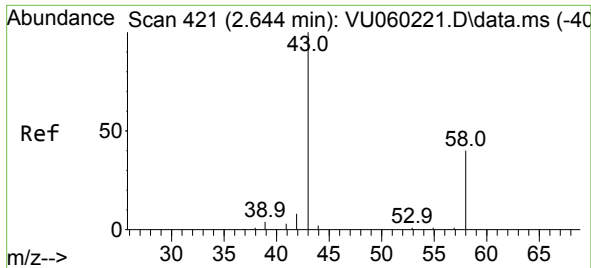
Tgt Ion:101 Resp: 54326
Ion Ratio Lower Upper
101 100
85 43.7 33.2 49.8
151 71.5 61.8 92.8



#12
1,1-Dichloroethene
Concen: 4.342 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU060243.D
Acq: 26 Jul 2024 22:59

Tgt Ion: 96 Resp: 49721
Ion Ratio Lower Upper
96 100
61 157.3 107.0 198.6
63 94.7 76.4 142.0





#13

Acetone

Concen: 51.824 ug/L

RT: 2.644 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU060243.D

Acq: 26 Jul 2024 22:59

Instrument :

MSVOA_U

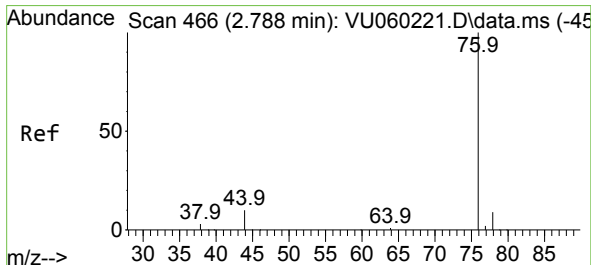
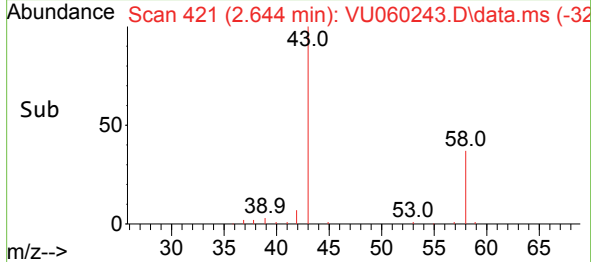
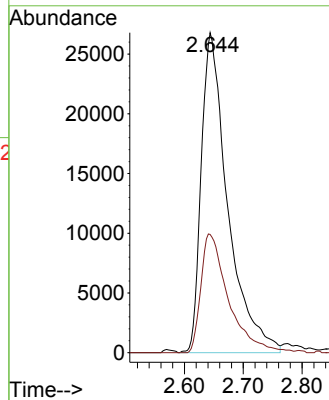
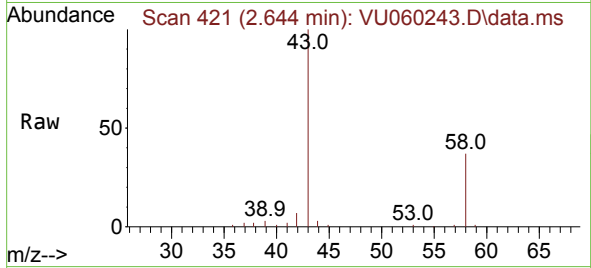
ClientSampleId :

Tgt Ion: 43 Resp: 83659

Ion Ratio Lower Upper

43 100

58 38.7 0.0 82.2



#14

Carbon disulfide

Concen: 4.070 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU060243.D

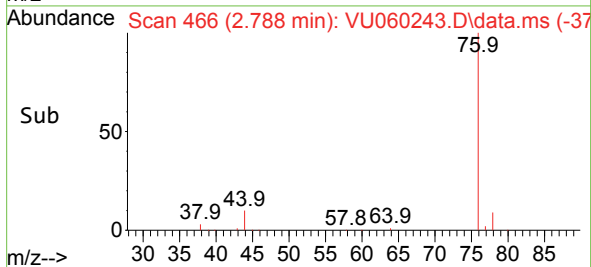
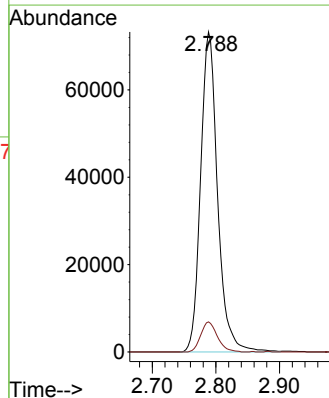
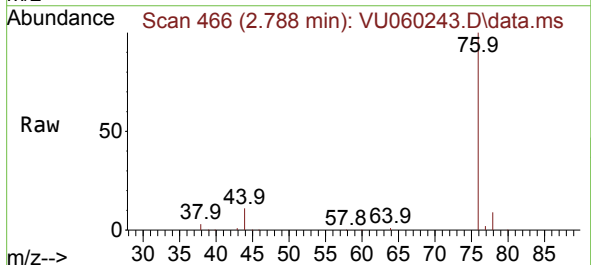
Acq: 26 Jul 2024 22:59

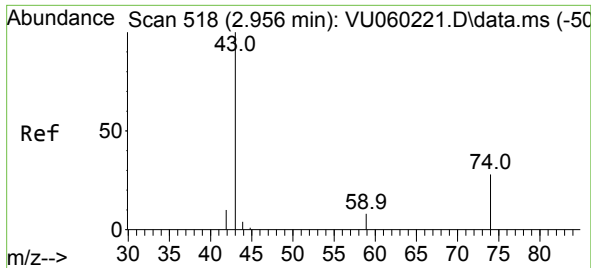
Tgt Ion: 76 Resp: 135693

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0

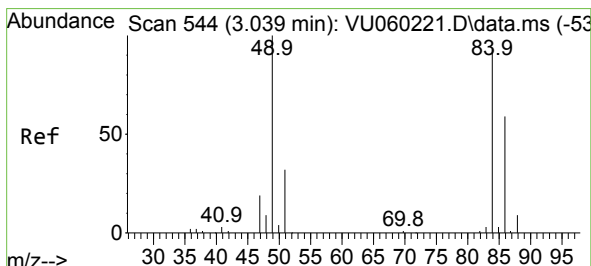
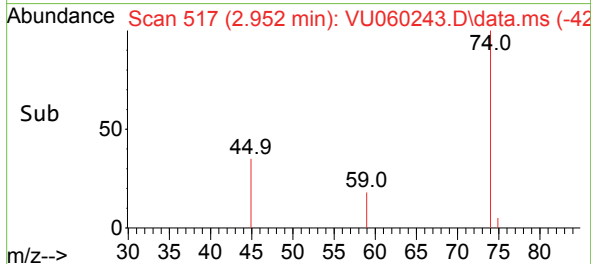
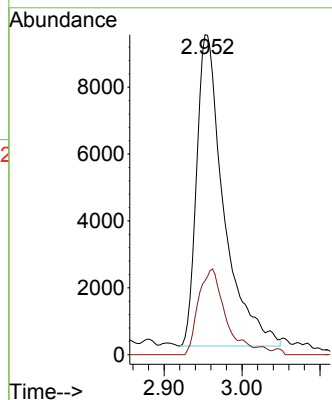
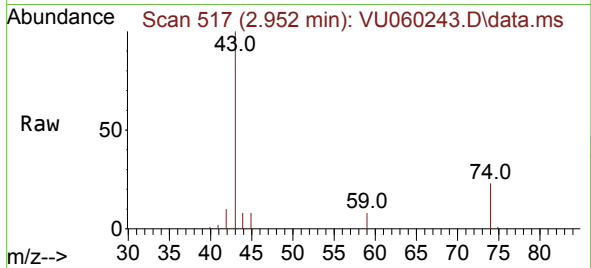




#15
Methyl Acetate
Concen: 5.675 ug/L
RT: 2.952 min Scan# 518
Delta R.T. -0.003 min
Lab File: VU060243.D
Acq: 26 Jul 2024 22:59

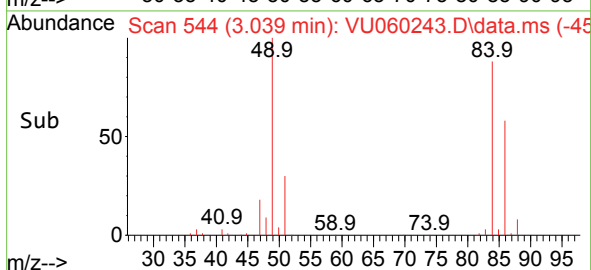
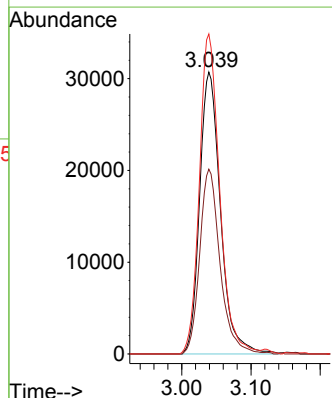
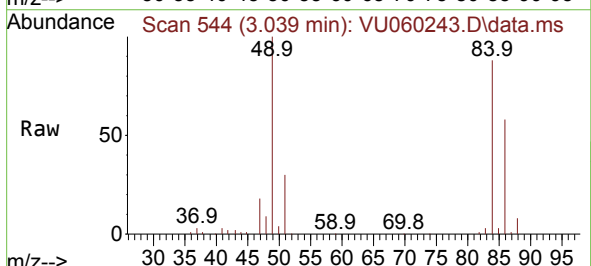
Instrument :
MSVOA_U
ClientSampleId :

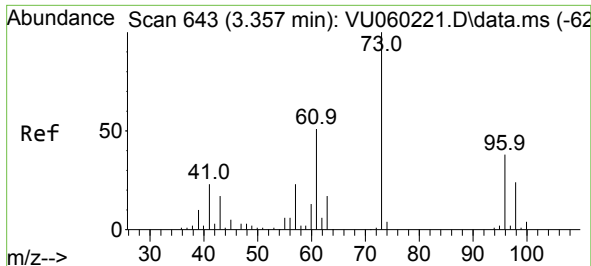
Tgt Ion: 43 Resp: 22531
Ion Ratio Lower Upper
43 100
74 27.2 23.5 35.3



#16
Methylene chloride
Concen: 4.582 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU060243.D
Acq: 26 Jul 2024 22:59

Tgt Ion: 84 Resp: 64335
Ion Ratio Lower Upper
84 100
86 65.5 44.4 82.5
49 113.5 72.0 133.6





#17

Methyl tert-butyl Ether

Concen: 4.725 ug/L

RT: 3.358 min Scan# 64

Delta R.T. 0.000 min

Lab File: VU060243.D

Acq: 26 Jul 2024 22:59

Instrument :

MSVOA_U

ClientSampleId :

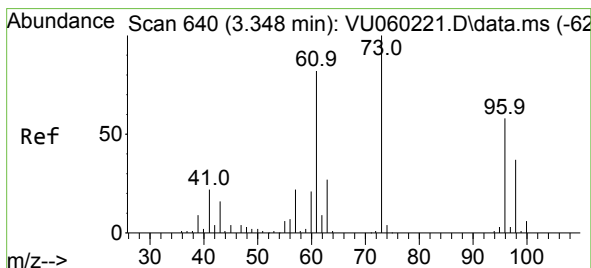
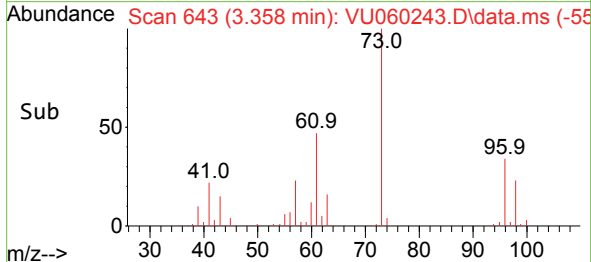
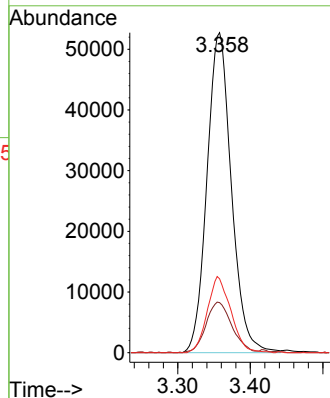
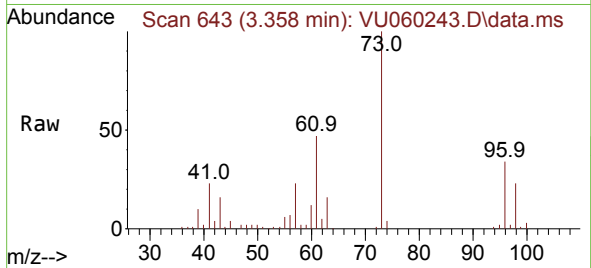
Tgt Ion: 73 Resp: 123376

Ion Ratio Lower Upper

73 100

43 16.8 13.1 19.7

57 22.9 17.0 25.4



#18

trans-1,2-Dichloroethene

Concen: 4.189 ug/L

RT: 3.348 min Scan# 640

Delta R.T. 0.000 min

Lab File: VU060243.D

Acq: 26 Jul 2024 22:59

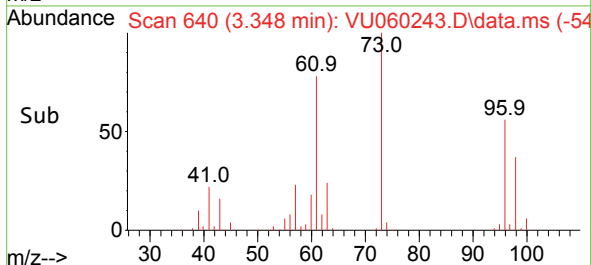
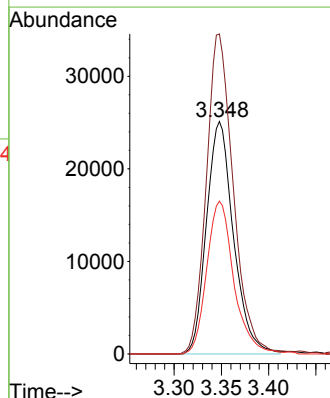
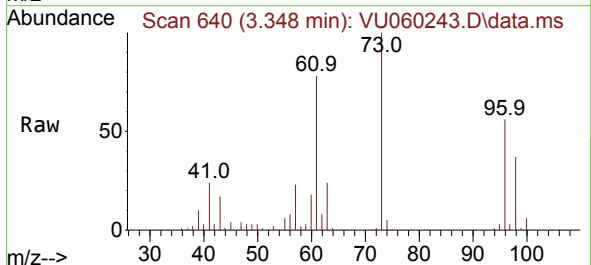
Tgt Ion: 96 Resp: 49901

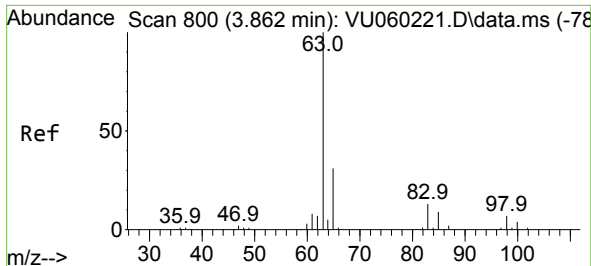
Ion Ratio Lower Upper

96 100

61 137.6 91.6 170.0

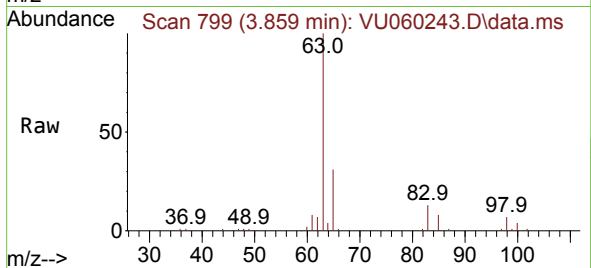
98 65.7 47.7 88.5



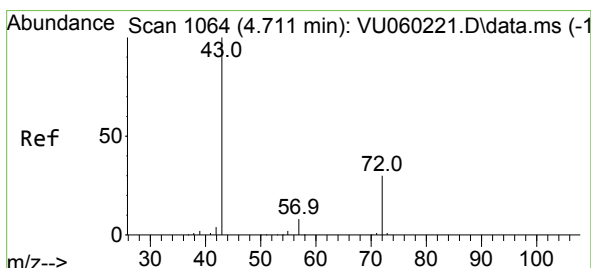
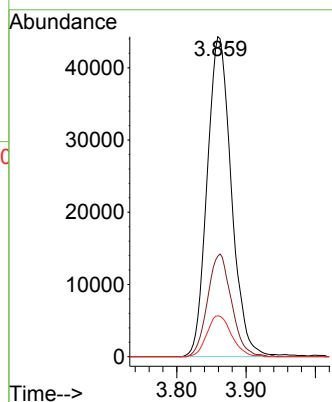
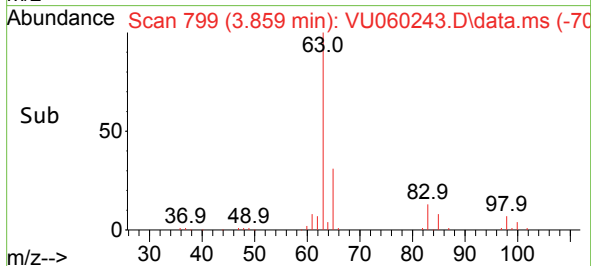


#19
1,1-Dichloroethane
Concen: 4.744 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.003 min
Lab File: VU060243.D
Acq: 26 Jul 2024 22:59

Instrument :
MSVOA_U
ClientSampleId :

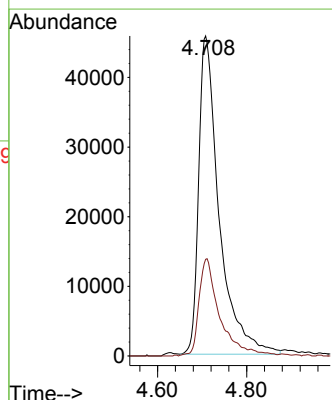
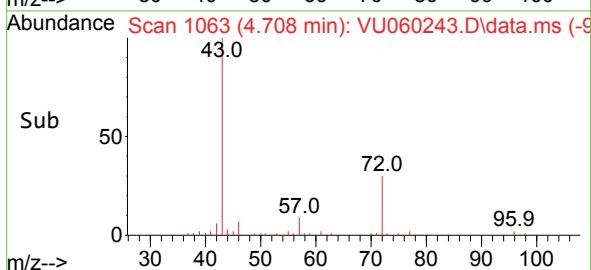
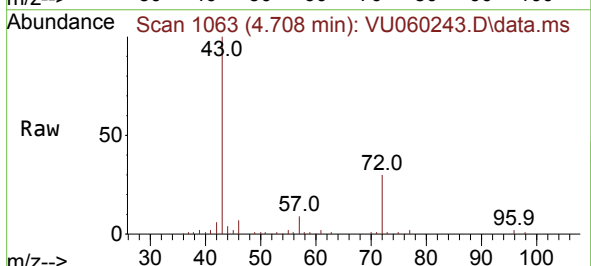


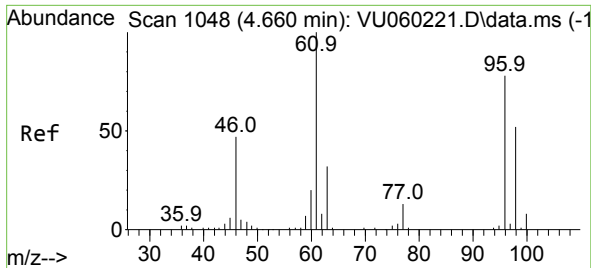
Tgt Ion: 63 Resp: 107294
Ion Ratio Lower Upper
63 100
65 31.4 22.0 40.8
83 12.8 9.7 17.9



#21
2-Butanone
Concen: 57.196 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. -0.003 min
Lab File: VU060243.D
Acq: 26 Jul 2024 22:59

Tgt Ion: 43 Resp: 146163
Ion Ratio Lower Upper
43 100
72 29.6 16.3 48.9





#22

cis-1,2-Dichloroethene

Concen: 4.406 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. -0.003 min

Lab File: VU060243.D

Acq: 26 Jul 2024 22:59

Instrument :

MSVOA_U

ClientSampleId :

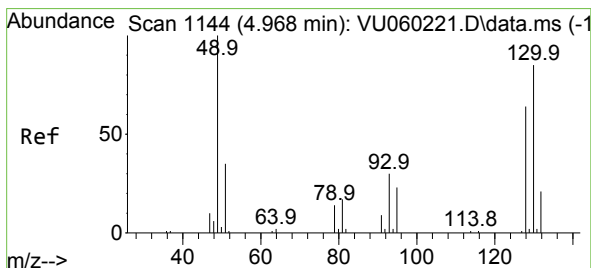
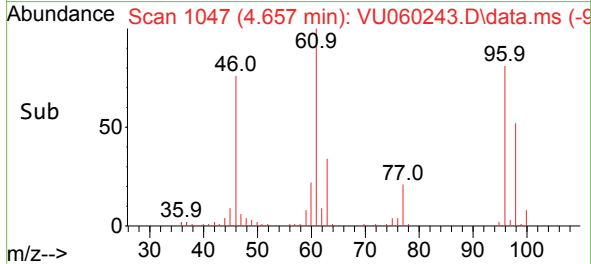
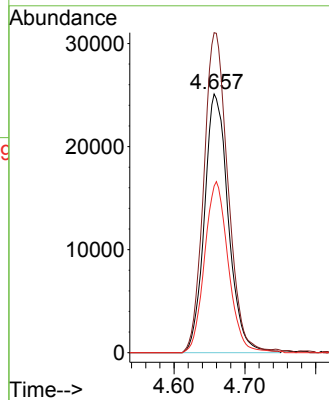
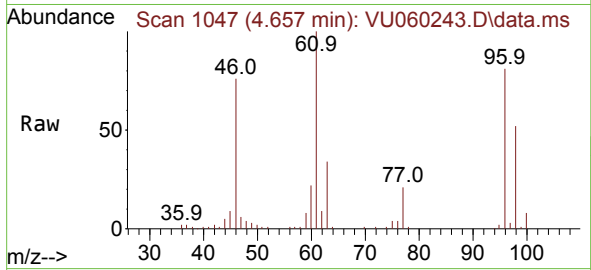
Tgt Ion: 96 Resp: 58788

Ion Ratio Lower Upper

96 100

61 123.7 80.2 148.9

98 64.4 44.7 83.1



#23

Bromochloromethane

Concen: 4.204 ug/L

RT: 4.968 min Scan# 1144

Delta R.T. 0.000 min

Lab File: VU060243.D

Acq: 26 Jul 2024 22:59

Tgt Ion:128 Resp: 27261

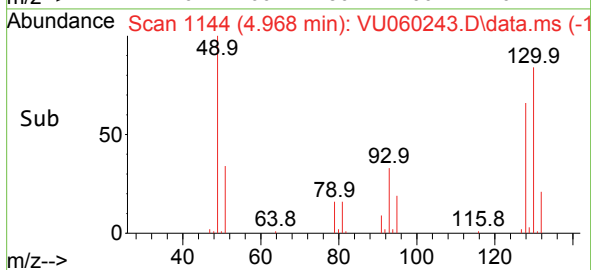
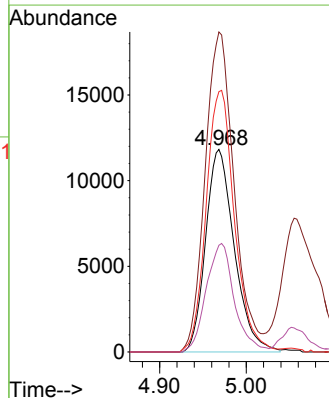
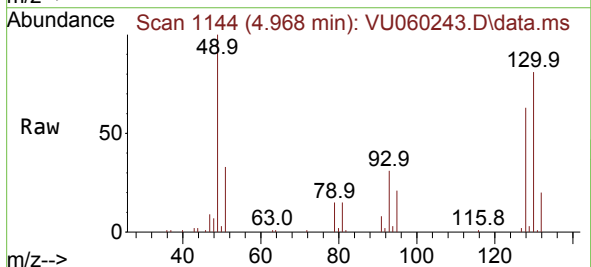
Ion Ratio Lower Upper

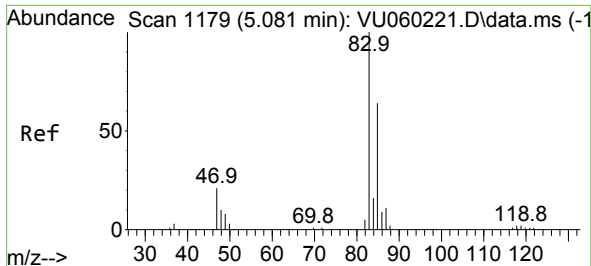
128 100

49 158.0 92.3 171.3

130 128.5 87.1 161.7

51 52.7 35.1 52.7#





#25

Chloroform

Concen: 4.435 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VU060243.D

Acq: 26 Jul 2024 22:59

Instrument :

MSVOA_U

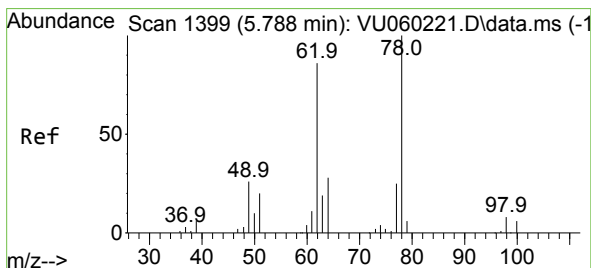
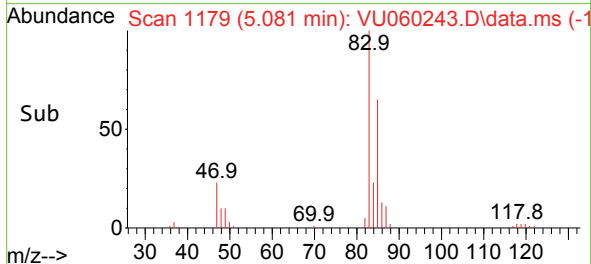
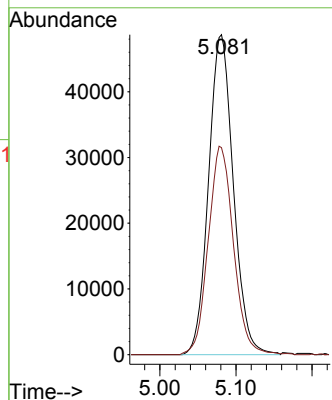
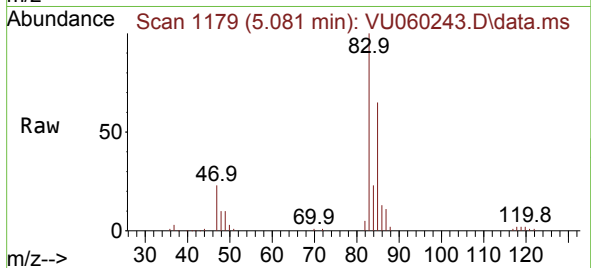
ClientSampleId :

Tgt Ion: 83 Resp: 110307

Ion Ratio Lower Upper

83 100

85 64.7 45.4 84.2



#27

1,2-Dichloroethane

Concen: 4.559 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU060243.D

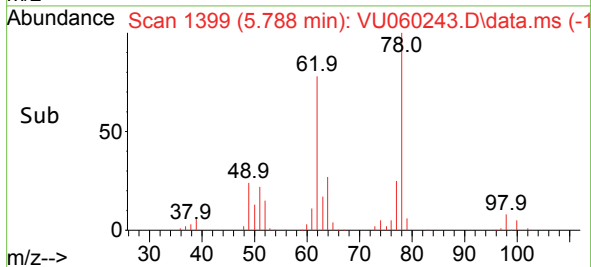
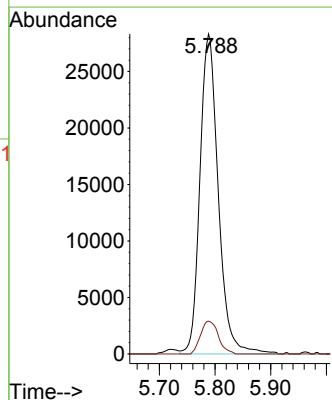
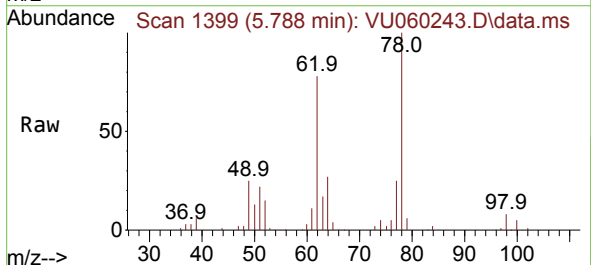
Acq: 26 Jul 2024 22:59

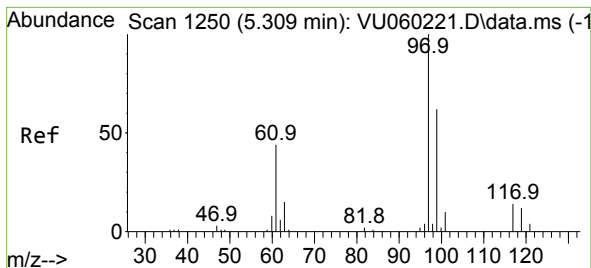
Tgt Ion: 62 Resp: 64817

Ion Ratio Lower Upper

62 100

98 10.2 7.9 11.9





#29

1,1,1-Trichloroethane

Concen: 4.521 ug/L

RT: 5.306 min Scan# 1249

Delta R.T. -0.003 min

Lab File: VU060243.D

Acq: 26 Jul 2024 22:59

Instrument :

MSVOA_U

ClientSampleId :

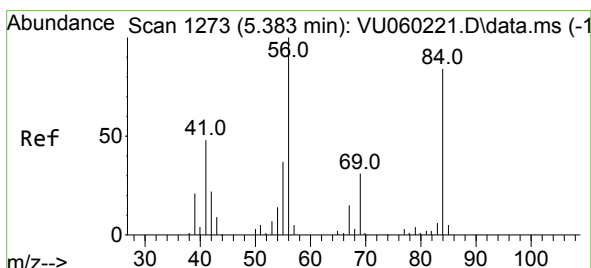
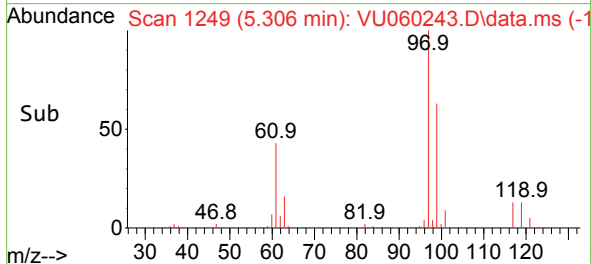
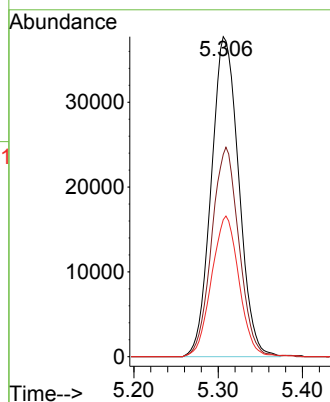
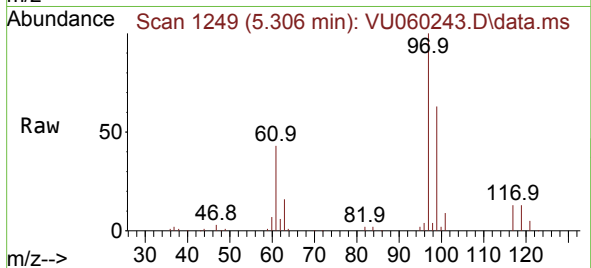
Tgt Ion: 97 Resp: 85556

Ion Ratio Lower Upper

97 100

99 65.1 51.0 76.4

61 43.9 34.1 51.1



#30

Cyclohexane

Concen: 4.760 ug/L

RT: 5.380 min Scan# 1272

Delta R.T. -0.003 min

Lab File: VU060243.D

Acq: 26 Jul 2024 22:59

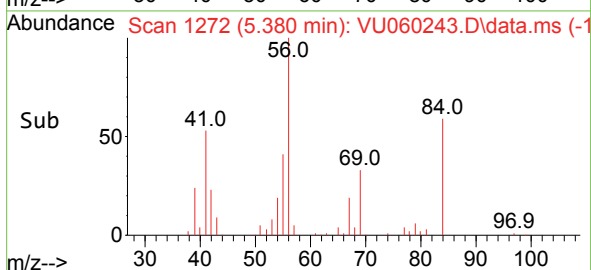
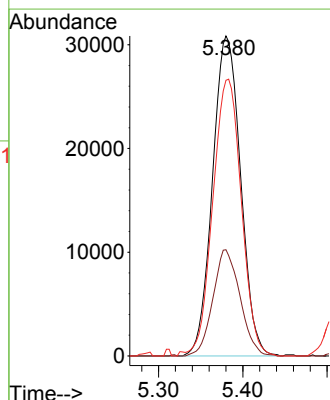
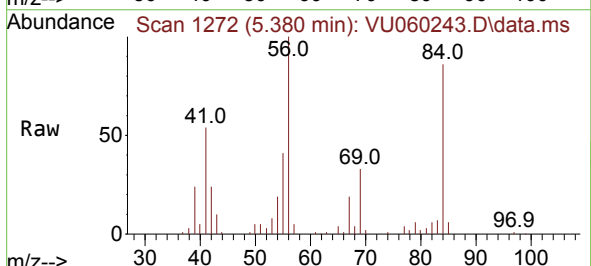
Tgt Ion: 56 Resp: 71239

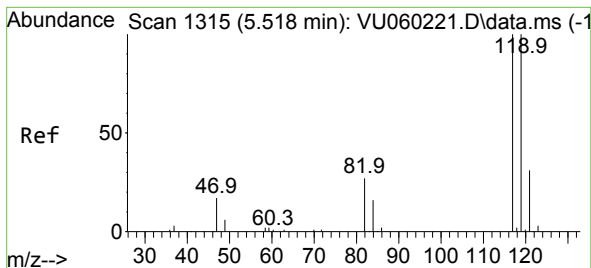
Ion Ratio Lower Upper

56 100

69 32.1 26.6 39.8

84 88.2 77.2 115.8





#31

Carbon tetrachloride

Concen: 4.393 ug/L

RT: 5.515 min Scan# 117

Delta R.T. -0.003 min

Lab File: VU060243.D

Acq: 26 Jul 2024 22:59

Instrument :

MSVOA_U

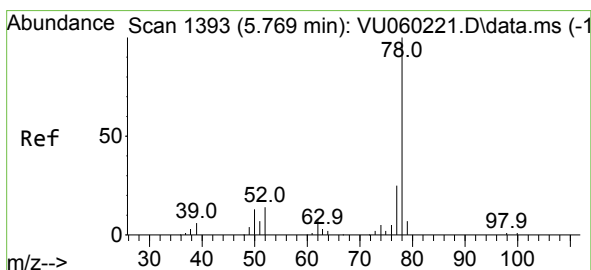
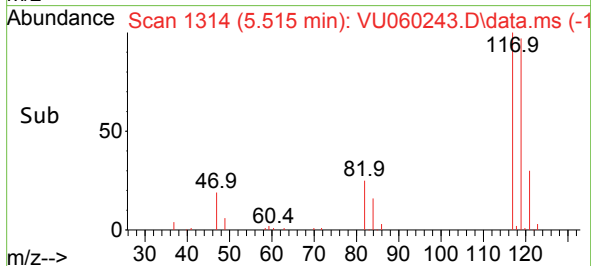
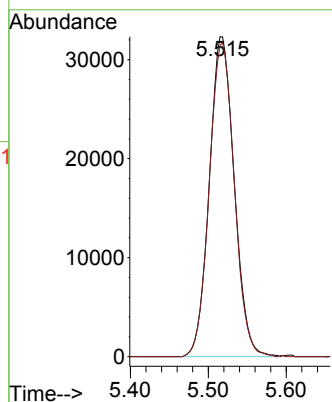
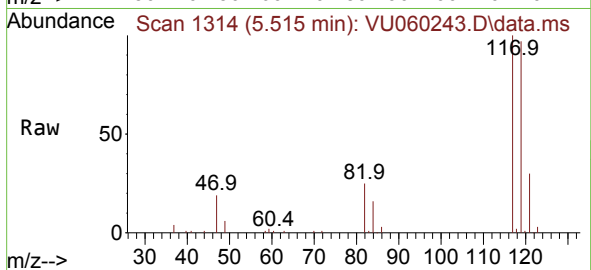
ClientSampleId :

Tgt Ion:117 Resp: 71717

Ion Ratio Lower Upper

117 100

119 98.4 75.6 113.4



#33

Benzene

Concen: 4.723 ug/L

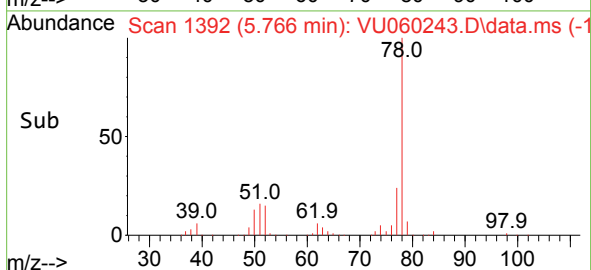
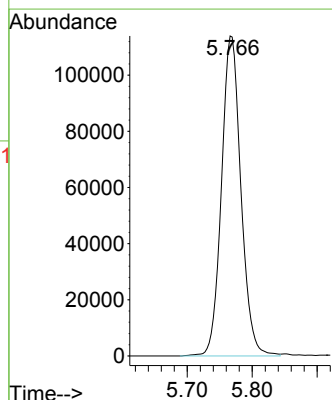
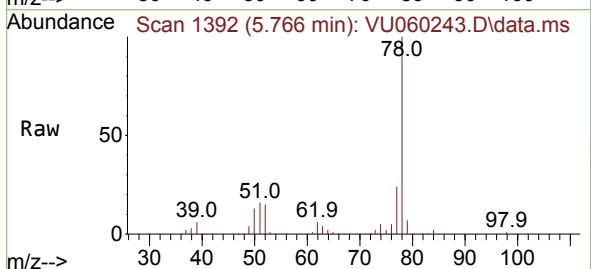
RT: 5.766 min Scan# 1392

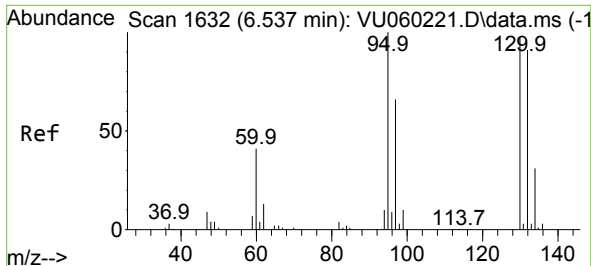
Delta R.T. -0.003 min

Lab File: VU060243.D

Acq: 26 Jul 2024 22:59

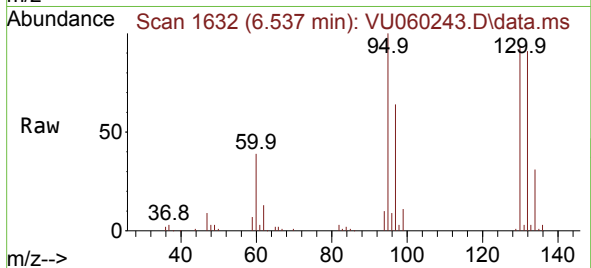
Tgt Ion: 78 Resp: 236406



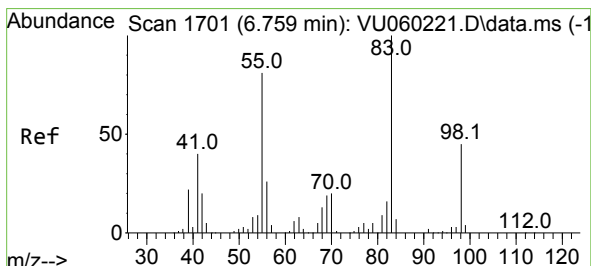
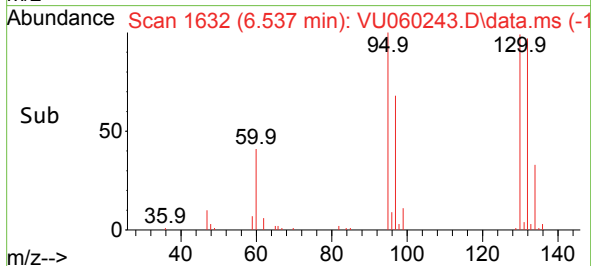
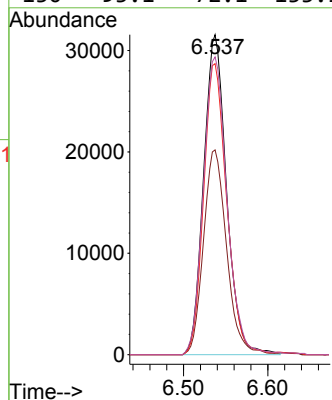


#34
Trichloroethene
Concen: 4.505 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU060243.D
Acq: 26 Jul 2024 22:59

Instrument :
MSVOA_U
ClientSampleId :

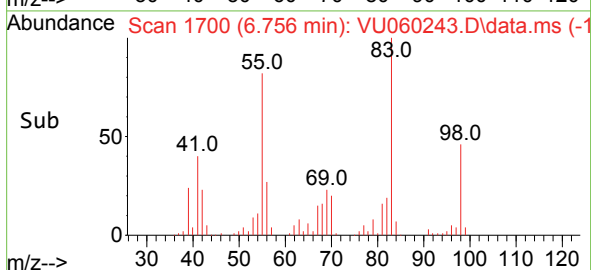
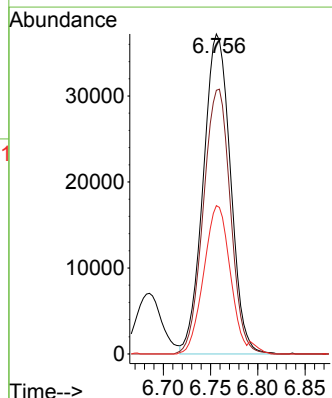
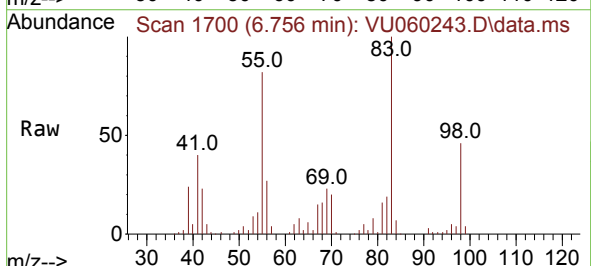


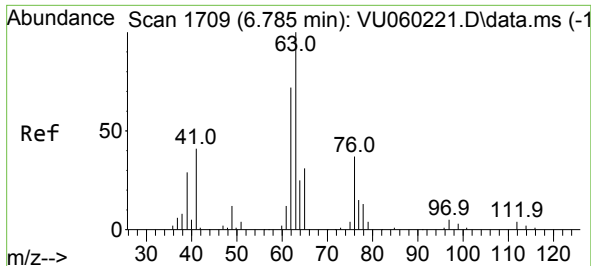
Tgt Ion: 95 Resp: 59799
Ion Ratio Lower Upper
95 100
97 64.0 45.9 85.3
132 91.0 71.4 132.6
130 93.1 72.1 133.9



#35
Methylcyclohexane
Concen: 4.284 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.003 min
Lab File: VU060243.D
Acq: 26 Jul 2024 22:59

Tgt Ion: 83 Resp: 74548
Ion Ratio Lower Upper
83 100
55 82.3 56.7 85.1
98 44.6 36.6 55.0





#37

1,2-Dichloropropane

Concen: 4.897 ug/L

RT: 6.785 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU060243.D

Acq: 26 Jul 2024 22:59

Instrument :

MSVOA_U

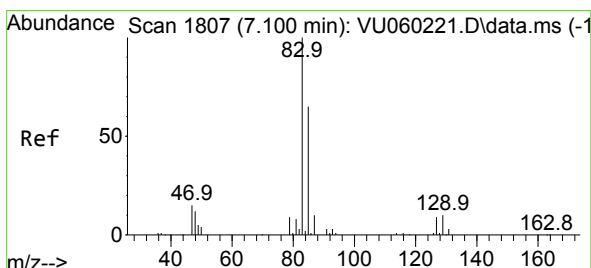
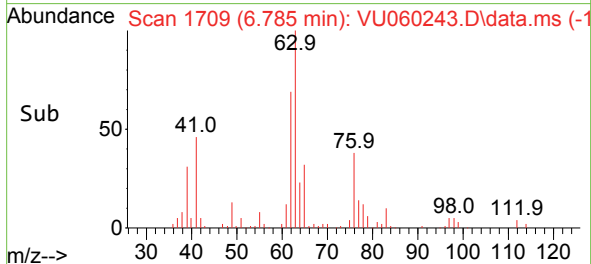
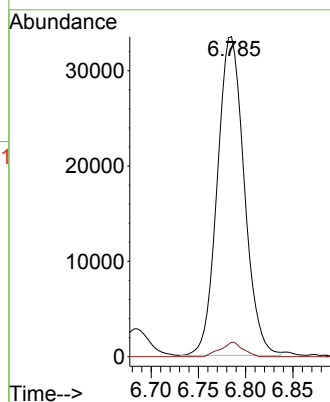
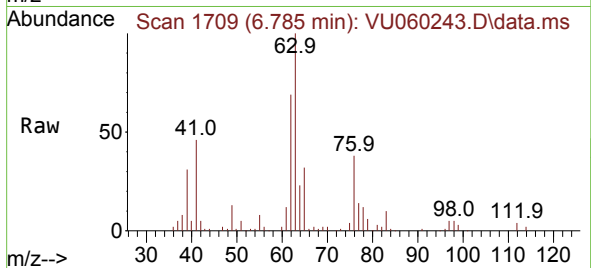
ClientSampleId :

Tgt Ion: 63 Resp: 66210

Ion Ratio Lower Upper

63 100

112 3.8 3.3 4.9



#38

Bromodichloromethane

Concen: 4.625 ug/L

RT: 7.097 min Scan# 1806

Delta R.T. -0.003 min

Lab File: VU060243.D

Acq: 26 Jul 2024 22:59

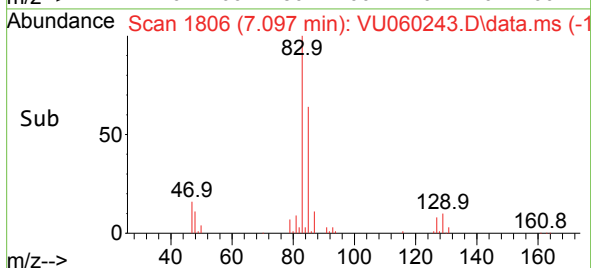
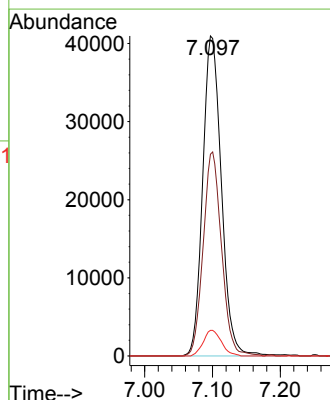
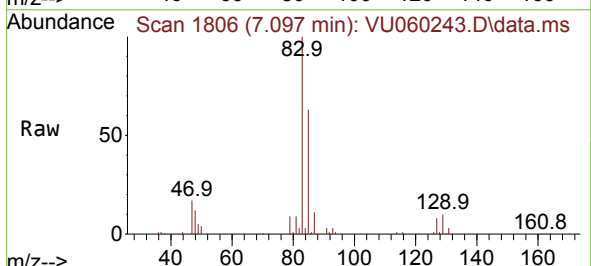
Tgt Ion: 83 Resp: 78344

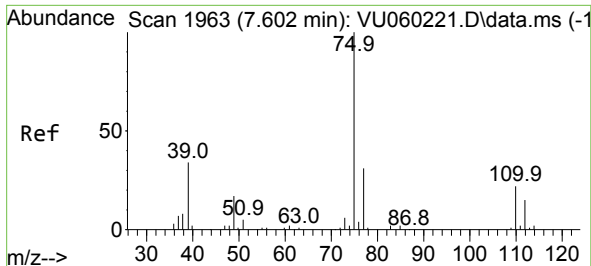
Ion Ratio Lower Upper

83 100

85 63.0 43.5 80.7

127 8.0 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 4.527 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VU060243.D

Acq: 26 Jul 2024 22:59

Instrument :

MSVOA_U

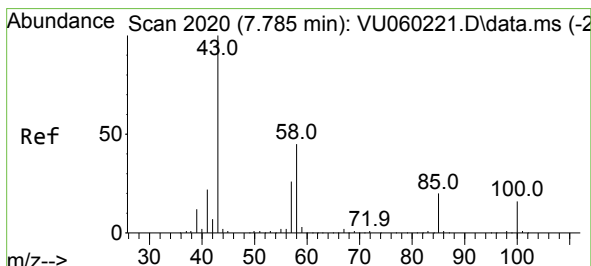
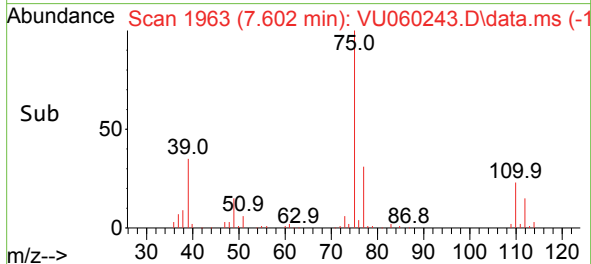
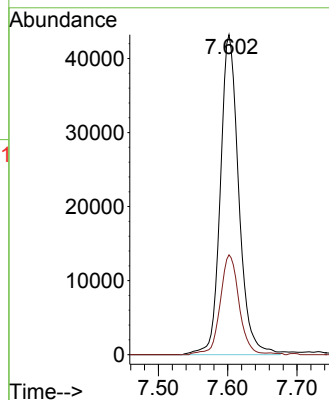
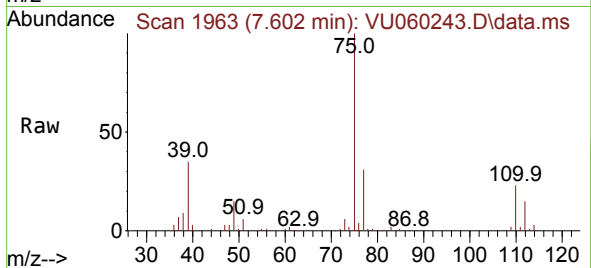
ClientSampleId :

Tgt Ion: 75 Resp: 79999

Ion Ratio Lower Upper

75 100

77 31.2 23.2 43.2



#40

4-Methyl-2-pentanone

Concen: 59.272 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. 0.000 min

Lab File: VU060243.D

Acq: 26 Jul 2024 22:59

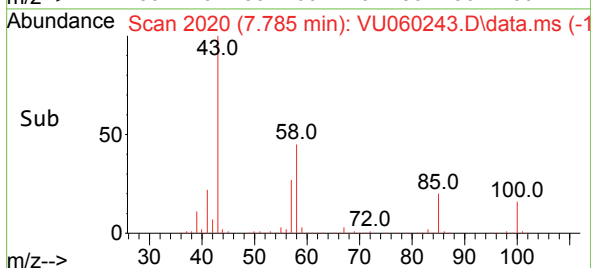
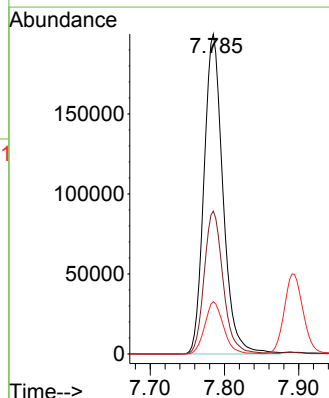
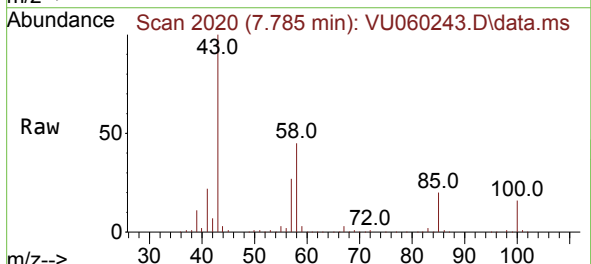
Tgt Ion: 43 Resp: 354634

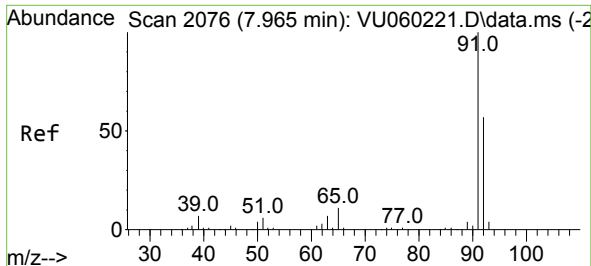
Ion Ratio Lower Upper

43 100

58 44.8 36.0 54.0

100 16.2 14.9 22.3





#42

Toluene

Concen: 4.739 ug/L

RT: 7.962 min Scan# 2076

Delta R.T. -0.003 min

Lab File: VU060243.D

Acq: 26 Jul 2024 22:59

Instrument :

MSVOA_U

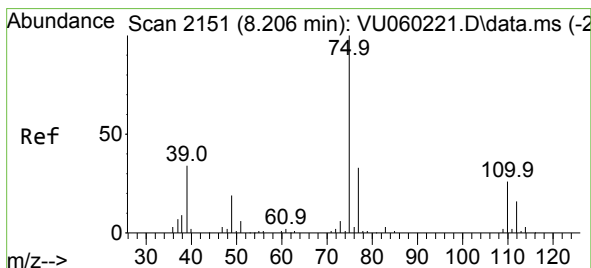
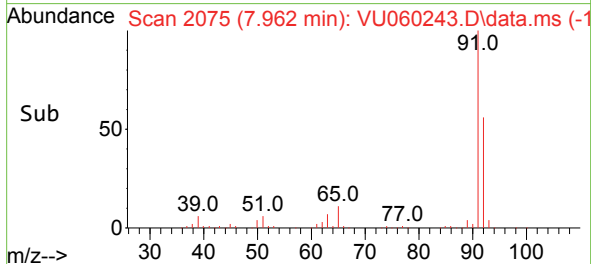
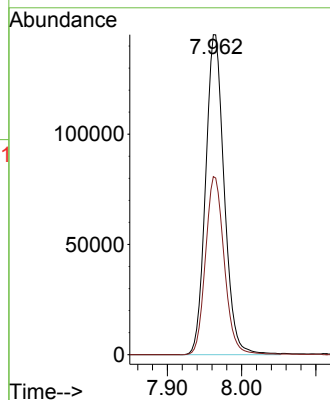
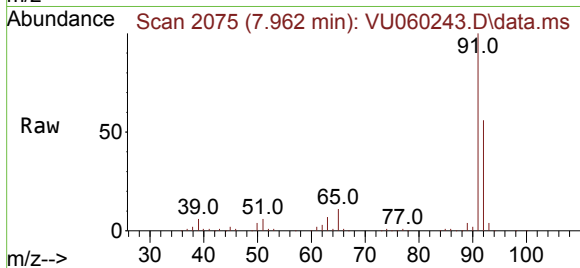
ClientSampleId :

Tgt Ion: 91 Resp: 252398

Ion Ratio Lower Upper

91 100

92 55.6 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 4.642 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU060243.D

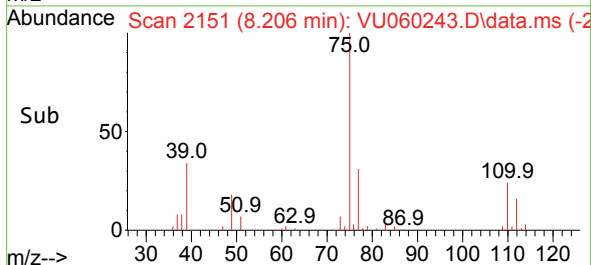
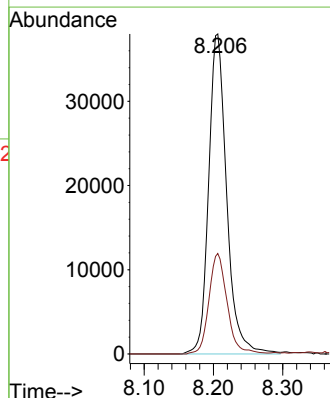
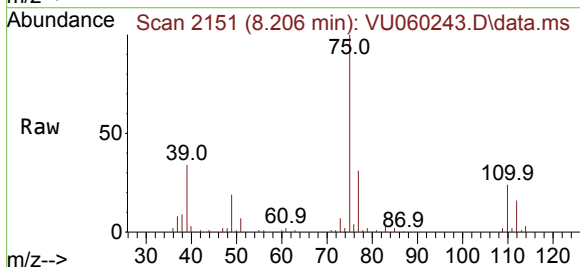
Acq: 26 Jul 2024 22:59

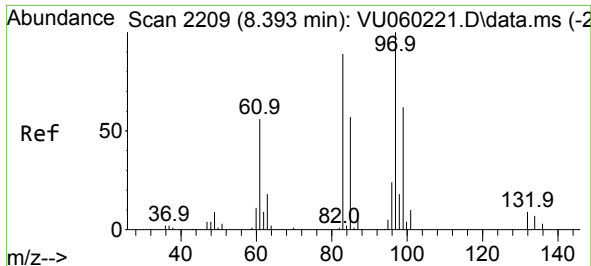
Tgt Ion: 75 Resp: 68511

Ion Ratio Lower Upper

75 100

77 31.4 22.6 42.0

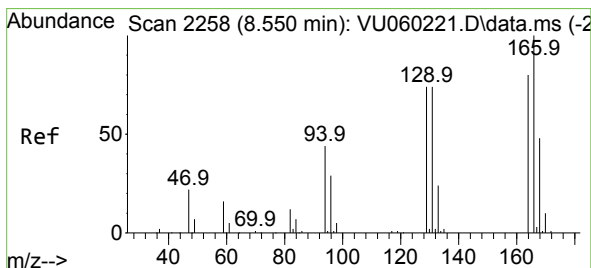
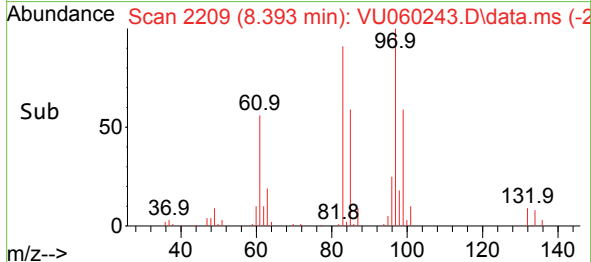
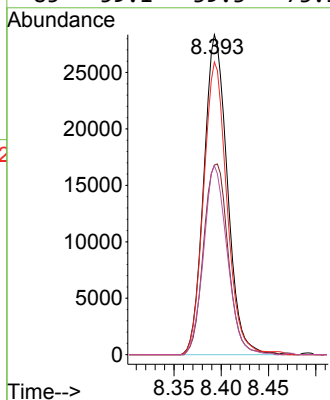
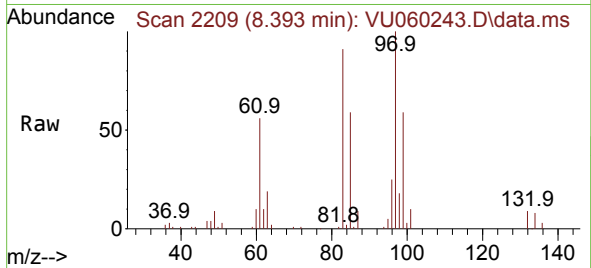




#45
1,1,2-Trichloroethane
Concen: 4.753 ug/L
RT: 8.393 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU060243.D
Acq: 26 Jul 2024 22:59

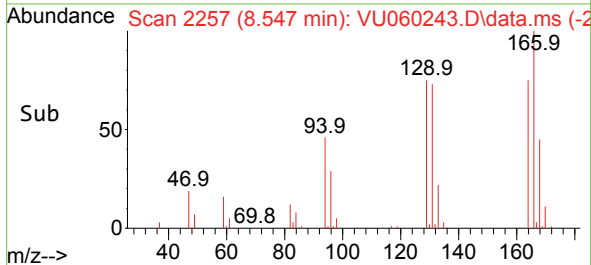
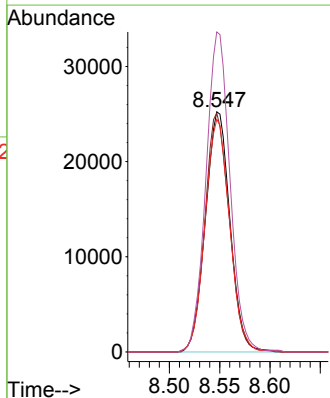
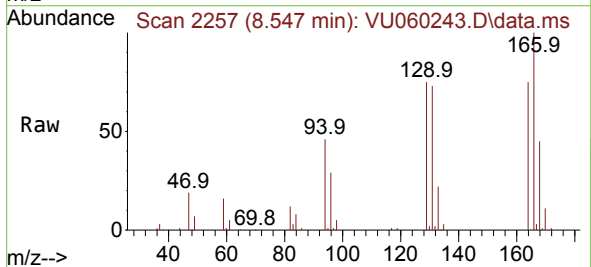
Instrument :
MSVOA_U
ClientSampleId :

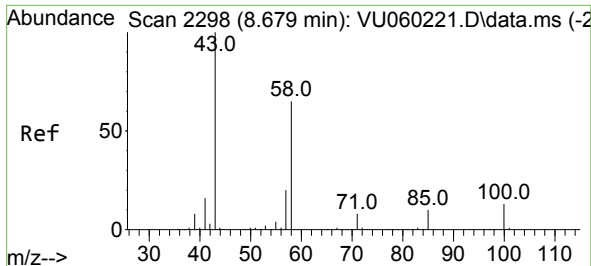
Tgt Ion:	97	Resp:	49104
Ion	Ratio	Lower	Upper
97	100		
99	59.3	43.8	81.4
83	91.5	62.1	115.3
85	59.1	39.3	73.1



#47
Tetrachloroethene
Concen: 3.915 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU060243.D
Acq: 26 Jul 2024 22:59

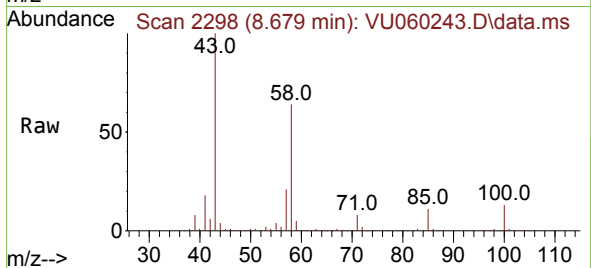
Tgt Ion:	164	Resp:	42974
Ion	Ratio	Lower	Upper
164	100		
129	99.5	64.6	120.0
131	96.8	61.2	113.8
166	133.3	88.6	164.6



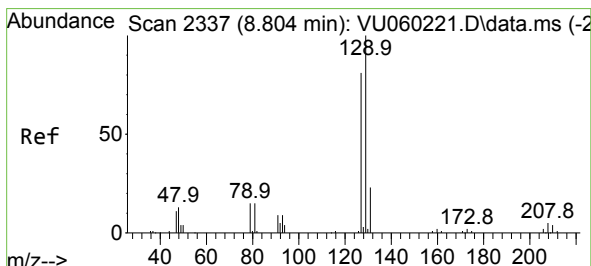
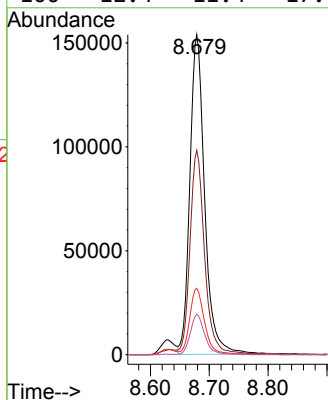
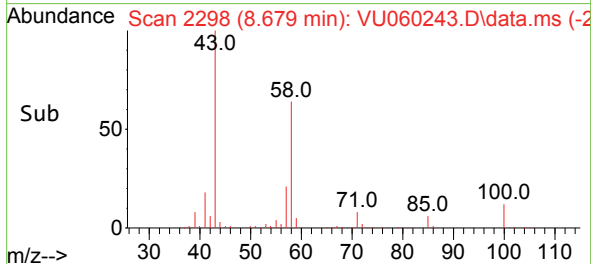


#48
2-Hexanone
Concen: 61.286 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VU060243.D
Acq: 26 Jul 2024 22:59

Instrument :
MSVOA_U
ClientSampleId :

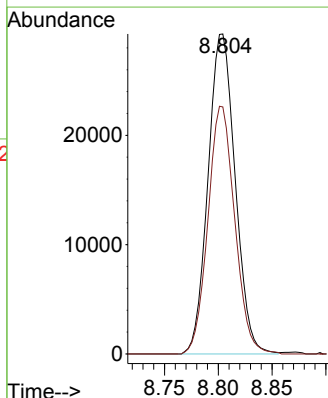
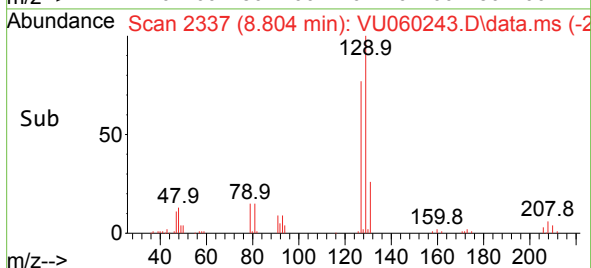
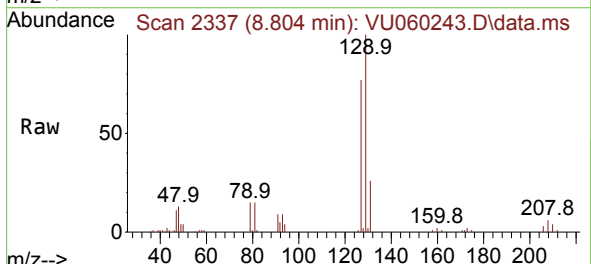


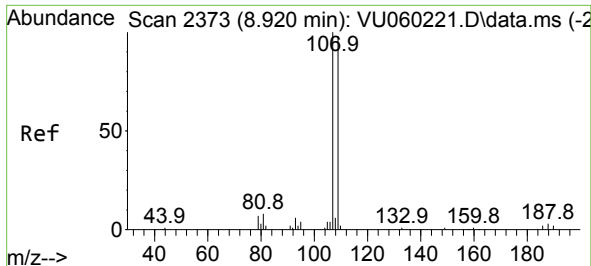
Tgt Ion: 43 Resp: 268480
Ion Ratio Lower Upper
43 100
58 62.4 52.6 78.8
57 20.7 17.8 26.8
100 12.4 11.4 17.0



#49
Dibromochloromethane
Concen: 4.496 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU060243.D
Acq: 26 Jul 2024 22:59

Tgt Ion: 129 Resp: 51388
Ion Ratio Lower Upper
129 100
127 77.2 54.6 101.4





#50

1,2-Dibromoethane

Concen: 4.739 ug/L

RT: 8.917 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU060243.D

Acq: 26 Jul 2024 22:59

Instrument :

MSVOA_U

ClientSampleId :

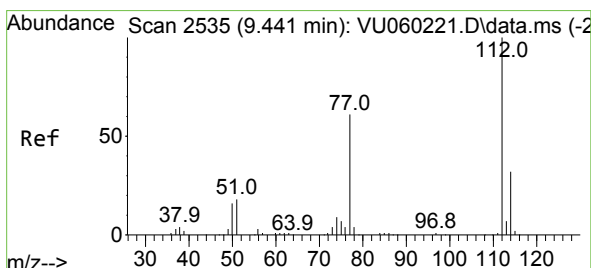
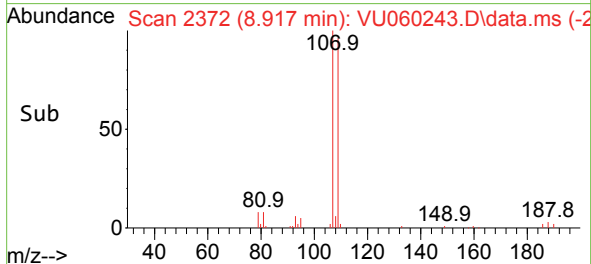
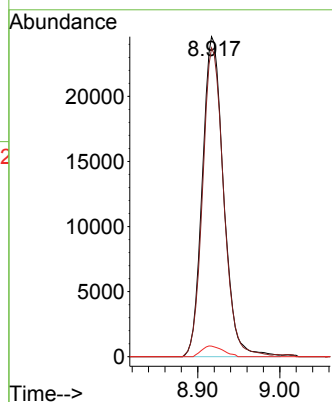
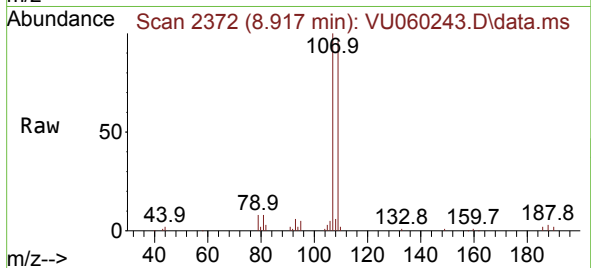
Tgt Ion:107 Resp: 44269

Ion Ratio Lower Upper

107 100

109 96.5 64.0 118.8

188 3.3 3.0 4.6



#51

Chlorobenzene

Concen: 4.435 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.000 min

Lab File: VU060243.D

Acq: 26 Jul 2024 22:59

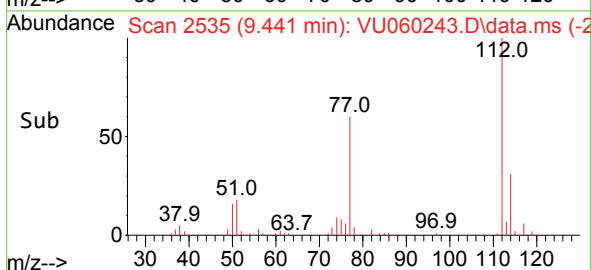
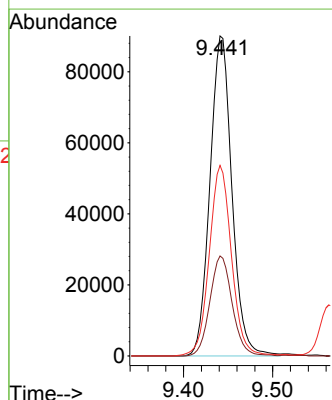
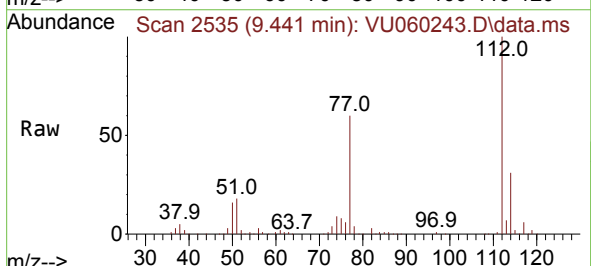
Tgt Ion:112 Resp: 154338

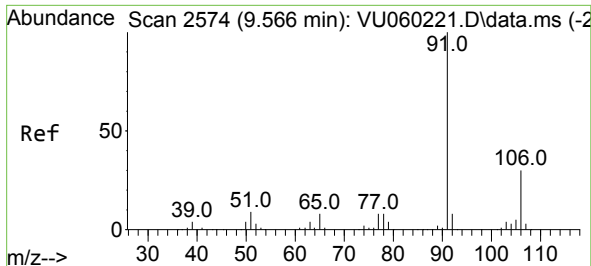
Ion Ratio Lower Upper

112 100

114 31.3 22.1 41.1

77 59.5 44.7 67.1

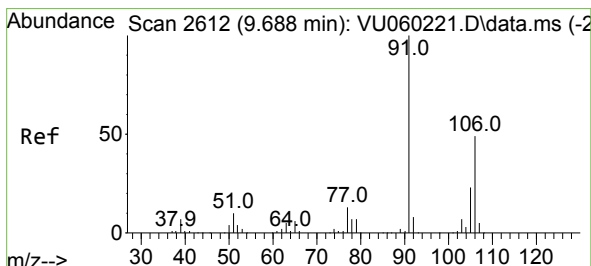
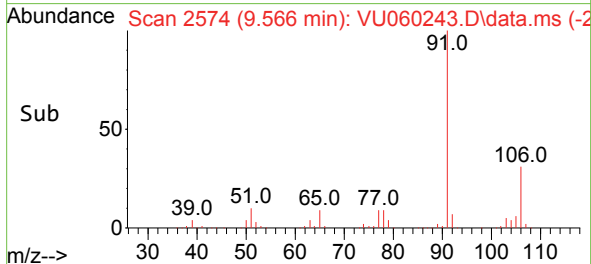
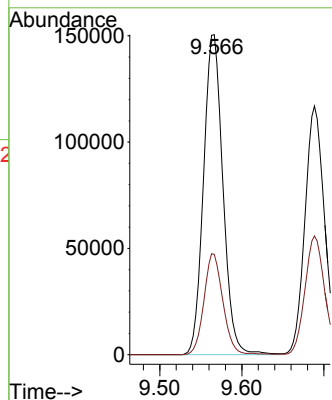
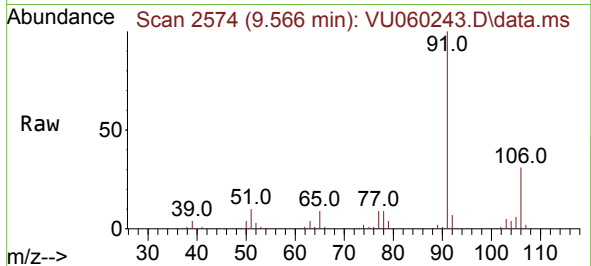




#52
Ethylbenzene
Concen: 4.652 ug/L
RT: 9.566 min Scan# 2100
Delta R.T. 0.000 min
Lab File: VU060243.D
Acq: 26 Jul 2024 22:59

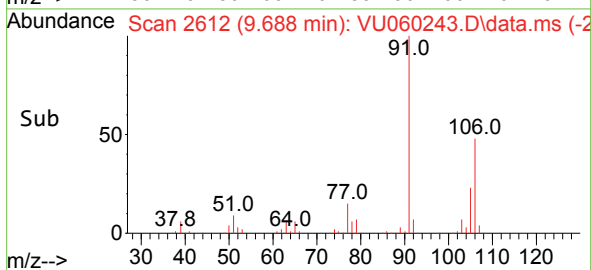
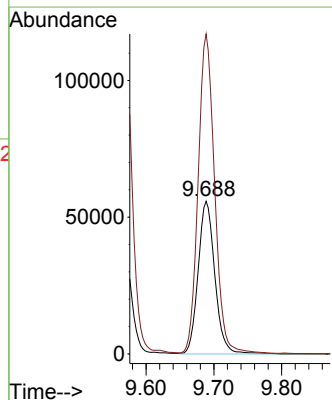
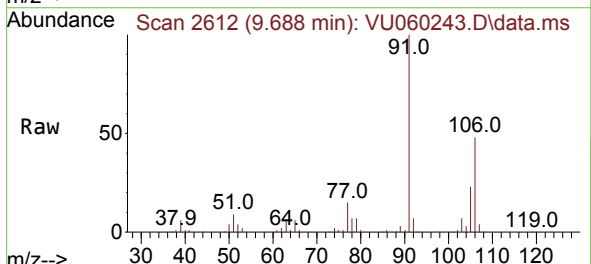
Instrument :
MSVOA_U
ClientSampleId :

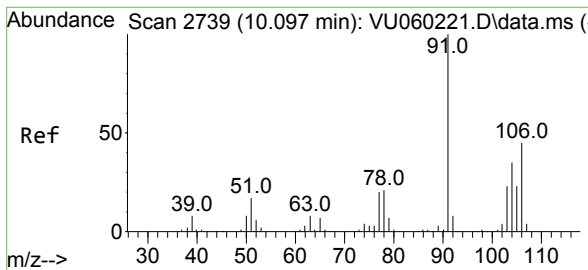
Tgt Ion: 91 Resp: 247097
Ion Ratio Lower Upper
91 100
106 31.4 21.9 40.7



#53
m,p-Xylene
Concen: 4.656 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU060243.D
Acq: 26 Jul 2024 22:59

Tgt Ion: 106 Resp: 95534
Ion Ratio Lower Upper
106 100
91 209.5 141.3 262.5

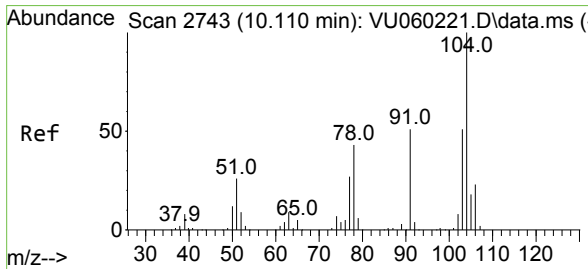
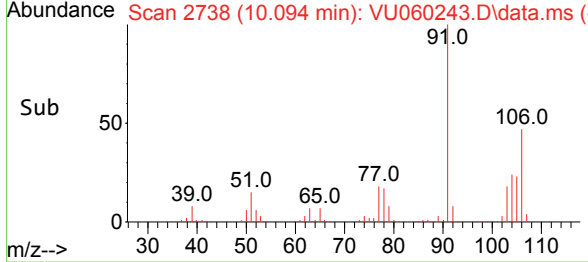
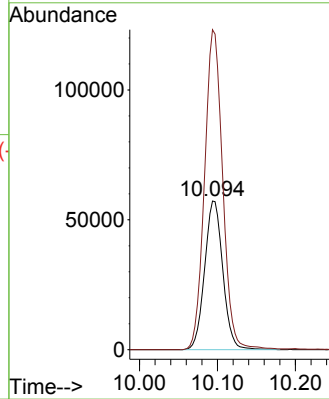
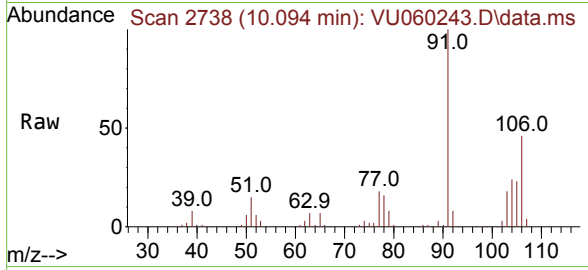




#54
o-Xylene
Concen: 4.729 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. -0.003 min
Lab File: VU060243.D
Acq: 26 Jul 2024 22:59

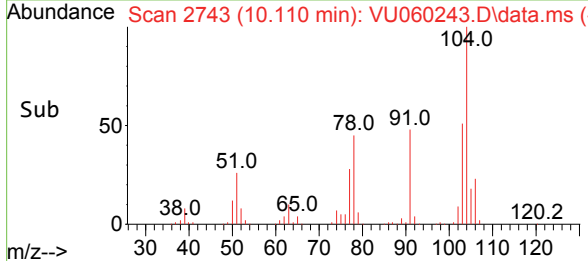
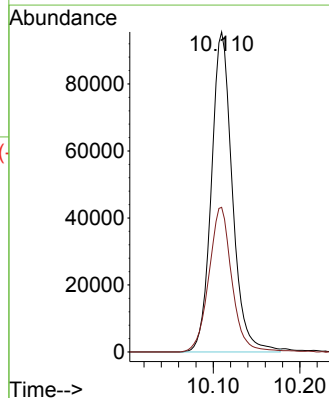
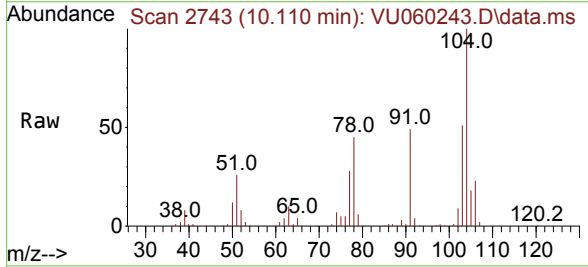
Instrument :
MSVOA_U
ClientSampleId :

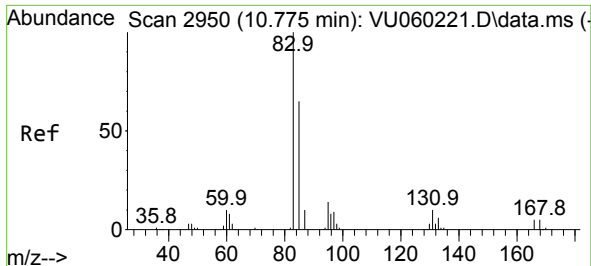
Tgt Ion:106 Resp: 92798
Ion Ratio Lower Upper
106 100
91 215.3 143.6 266.6



#55
Styrene
Concen: 4.810 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU060243.D
Acq: 26 Jul 2024 22:59

Tgt Ion:104 Resp: 160675
Ion Ratio Lower Upper
104 100
78 45.2 31.4 58.4

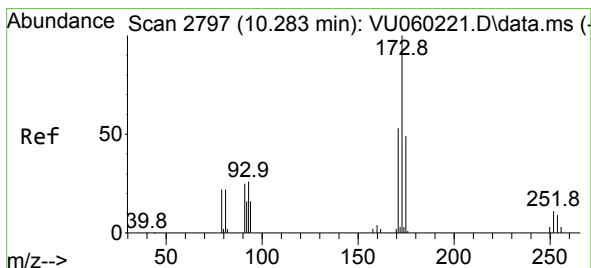
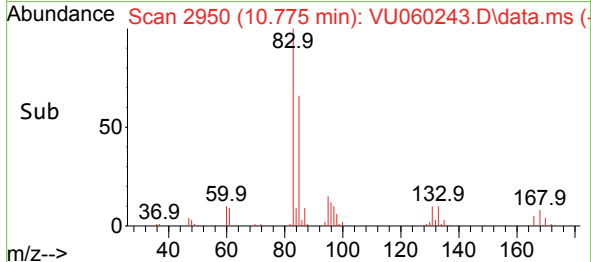
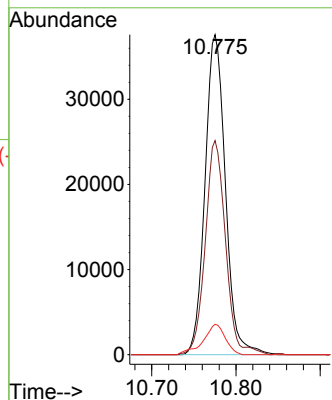
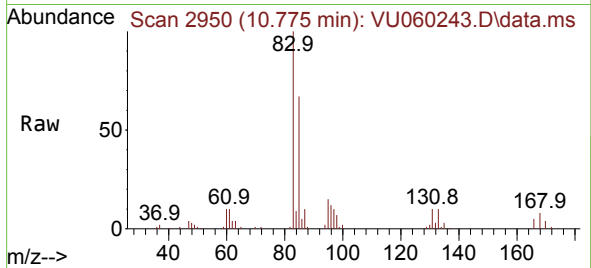




#57
1,1,2,2-Tetrachloroethane
Concen: 5.007 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU060243.D
Acq: 26 Jul 2024 22:59

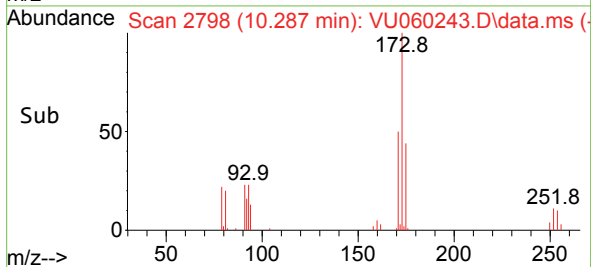
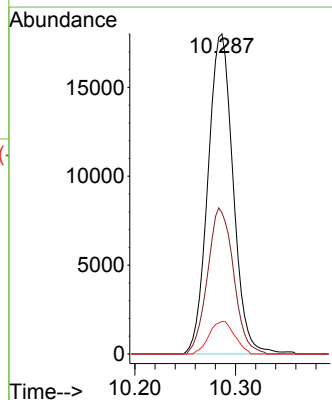
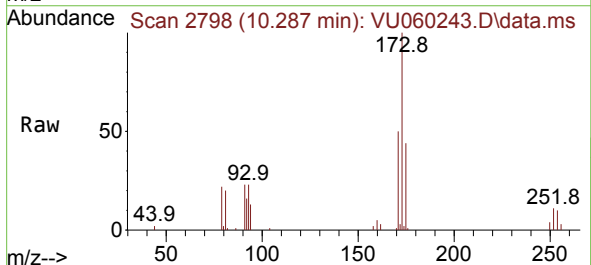
Instrument :
MSVOA_U
ClientSampleId :

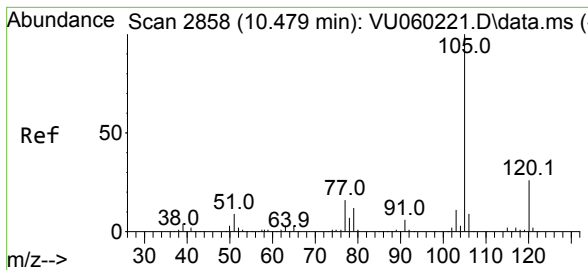
Tgt Ion: 83 Resp: 63287
Ion Ratio Lower Upper
83 100
85 66.9 46.8 87.0
131 9.5 7.8 11.6



#59
Bromoform
Concen: 4.483 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. 0.003 min
Lab File: VU060243.D
Acq: 26 Jul 2024 22:59

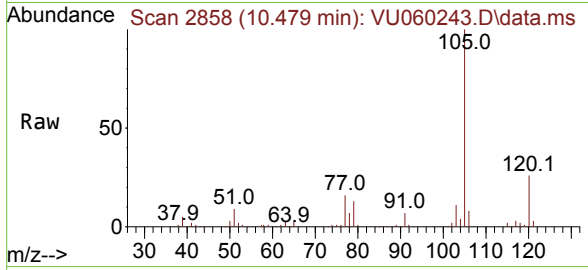
Tgt Ion:173 Resp: 31343
Ion Ratio Lower Upper
173 100
175 47.1 38.7 58.1
254 10.3 9.0 13.4



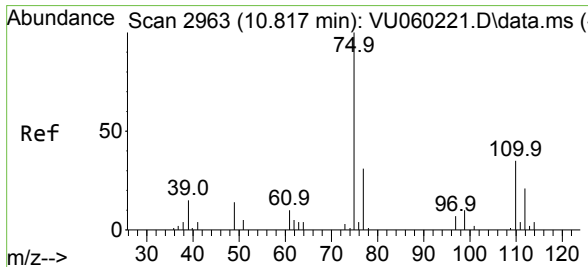
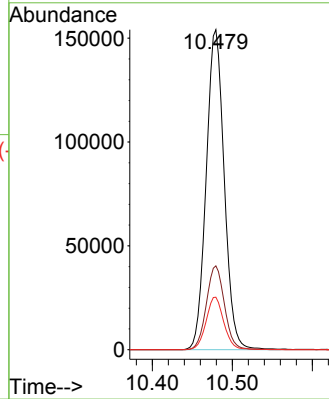
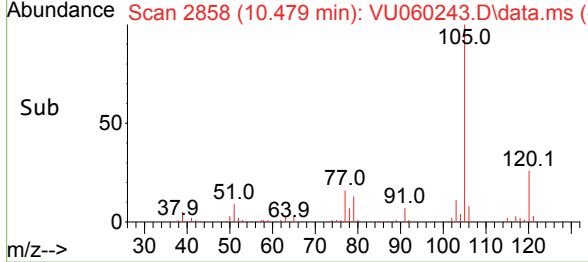


#60
Isopropylbenzene
Concen: 4.805 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU060243.D
Acq: 26 Jul 2024 22:59

Instrument :
MSVOA_U
ClientSampleId :

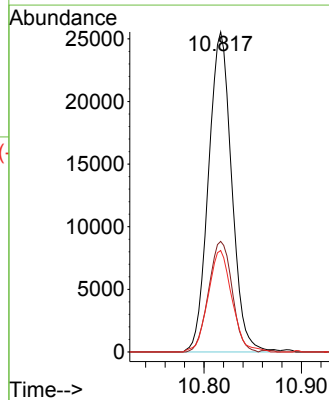
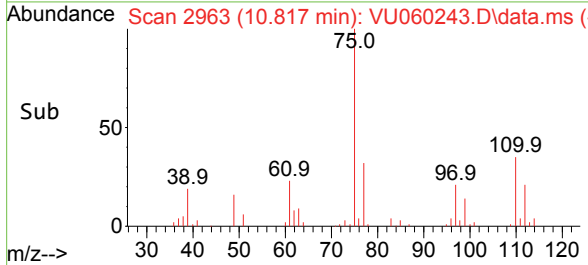
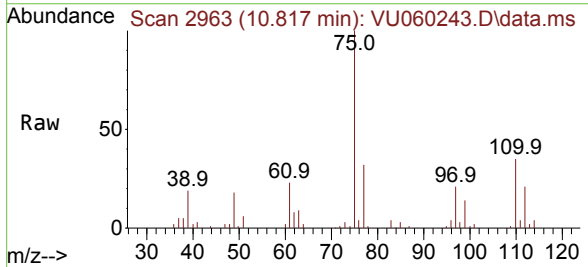


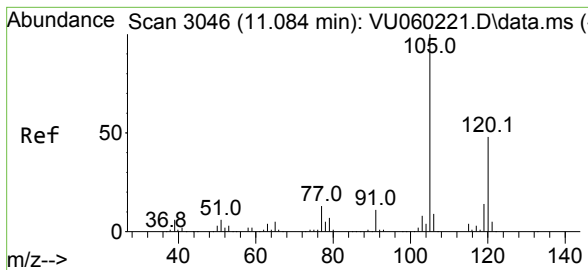
Tgt Ion:105 Resp: 241764
Ion Ratio Lower Upper
105 100
120 26.3 21.9 32.9
77 16.2 12.1 18.1



#61
1,2,3-Trichloropropane
Concen: 5.213 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU060243.D
Acq: 26 Jul 2024 22:59

Tgt Ion: 75 Resp: 42276
Ion Ratio Lower Upper
75 100
110 35.0 30.8 46.2
77 32.7 26.2 39.2

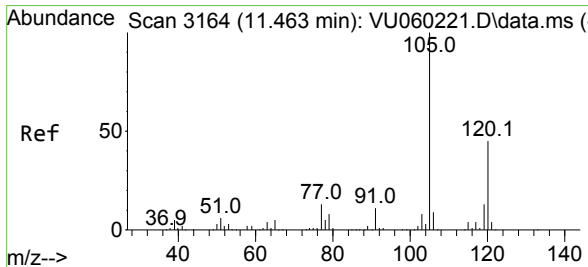
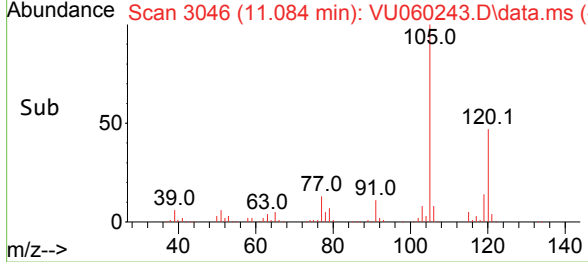
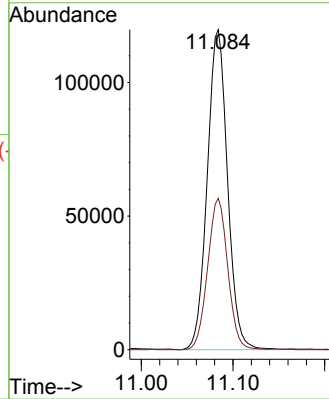
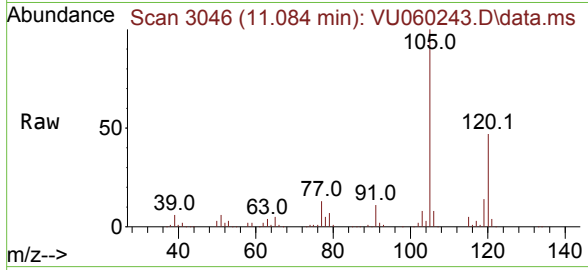




#62
 1,3,5-Trimethylbenzene
 Concen: 4.790 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. 0.000 min
 Lab File: VU060243.D
 Acq: 26 Jul 2024 22:59

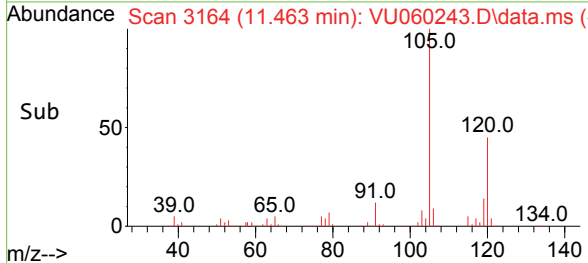
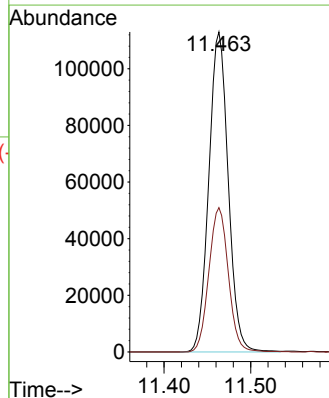
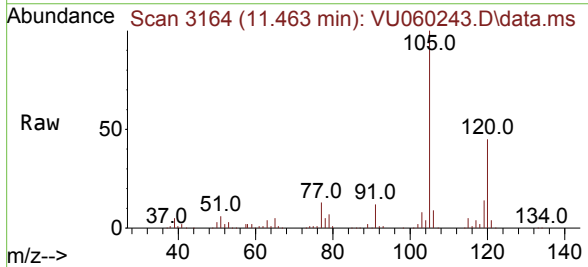
Instrument :
 MSVOA_U
 ClientSampleId :

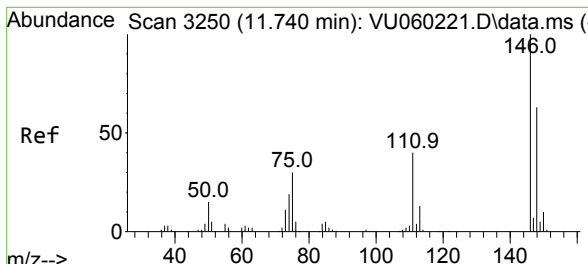
Tgt Ion:105 Resp: 184114
 Ion Ratio Lower Upper
 105 100
 120 46.9 39.4 59.2



#63
 1,2,4-Trimethylbenzene
 Concen: 4.731 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. 0.000 min
 Lab File: VU060243.D
 Acq: 26 Jul 2024 22:59

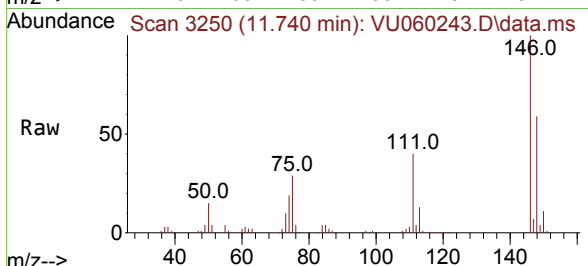
Tgt Ion:105 Resp: 175719
 Ion Ratio Lower Upper
 105 100
 120 45.3 36.7 55.1



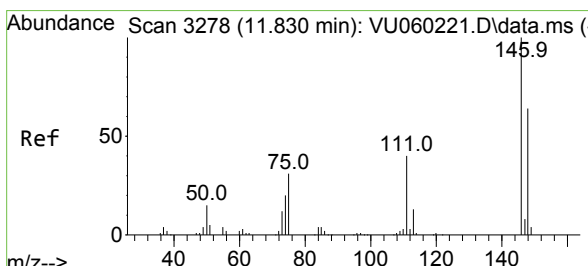
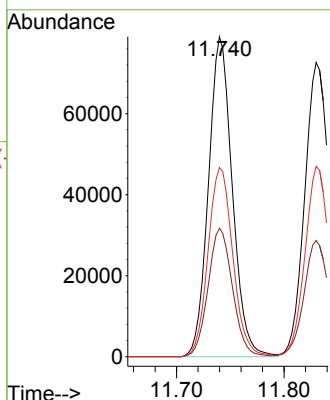
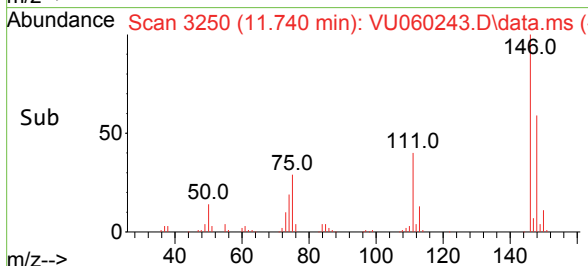


#64
 1,3-Dichlorobenzene
 Concen: 4.498 ug/L
 RT: 11.740 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU060243.D
 Acq: 26 Jul 2024 22:59

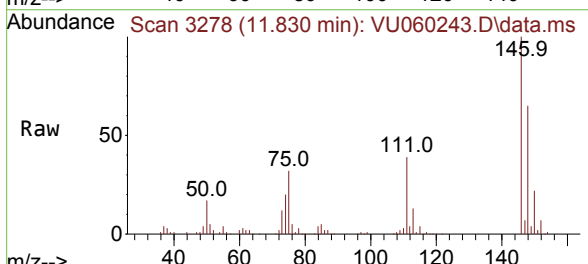
Instrument :
 MSVOA_U
 ClientSampleId :



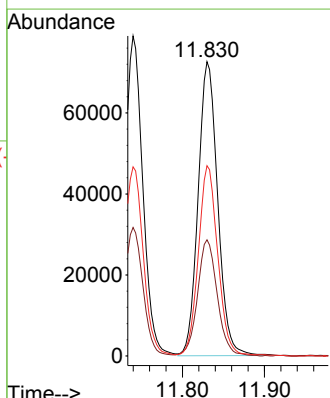
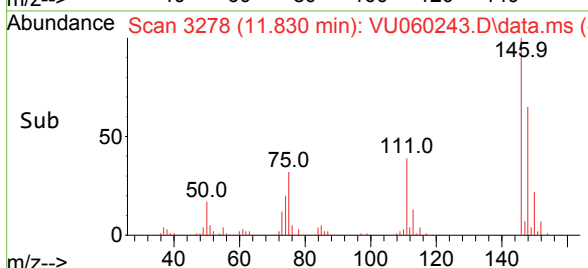
Tgt Ion:146 Resp: 121760
 Ion Ratio Lower Upper
 146 100
 111 40.2 27.2 50.4
 148 59.1 44.3 82.3

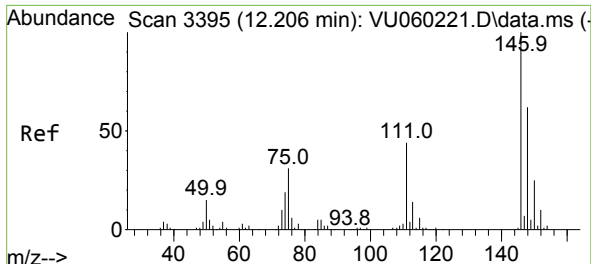


#65
 1,4-Dichlorobenzene
 Concen: 4.371 ug/L
 RT: 11.830 min Scan# 3278
 Delta R.T. 0.000 min
 Lab File: VU060243.D
 Acq: 26 Jul 2024 22:59



Tgt Ion:146 Resp: 120466
 Ion Ratio Lower Upper
 146 100
 111 39.5 26.5 49.1
 148 64.7 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 4.398 ug/L

RT: 12.206 min Scan# 31

Delta R.T. 0.000 min

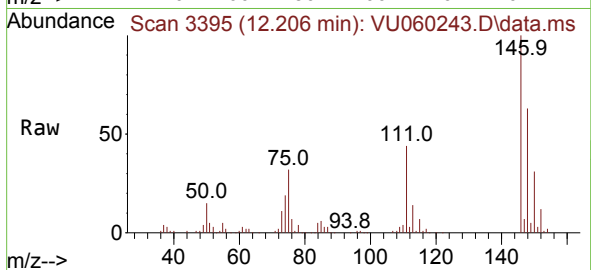
Lab File: VU060243.D

Acq: 26 Jul 2024 22:59

Instrument :

MSVOA_U

ClientSampleId :



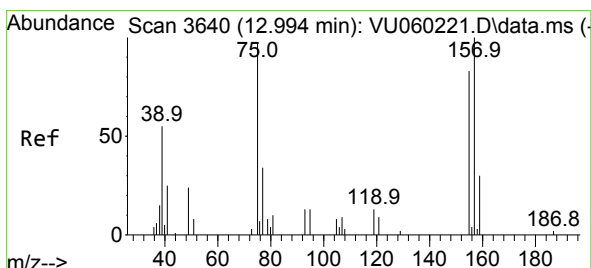
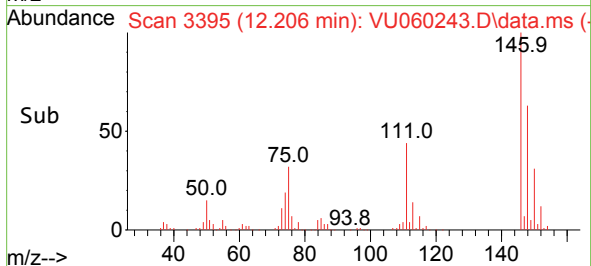
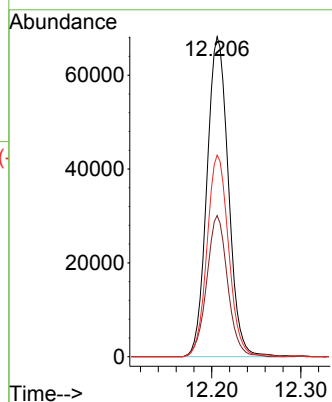
Tgt Ion:146 Resp: 113976

Ion Ratio Lower Upper

146 100

111 44.1 30.9 46.3

148 63.0 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.647 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.003 min

Lab File: VU060243.D

Acq: 26 Jul 2024 22:59

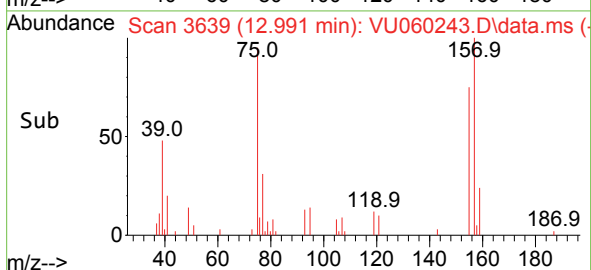
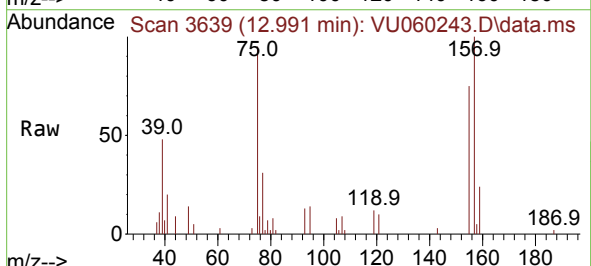
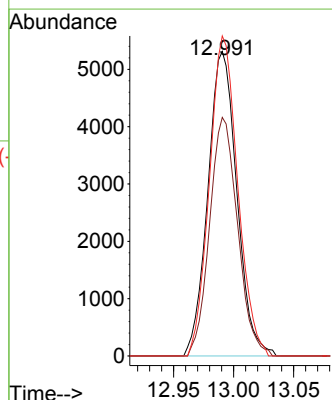
Tgt Ion: 75 Resp: 8926

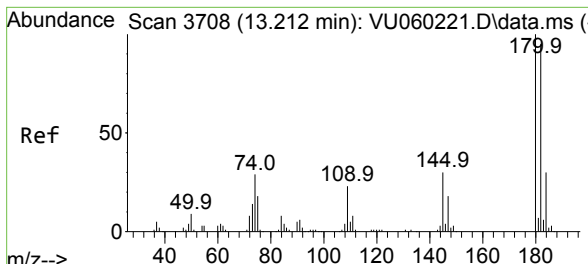
Ion Ratio Lower Upper

75 100

155 78.4 70.6 105.8

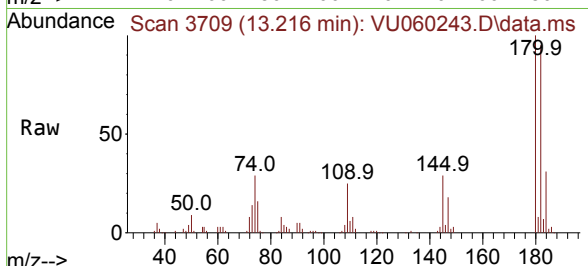
157 105.1 99.4 149.2



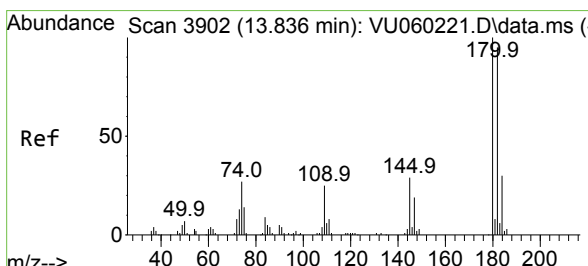
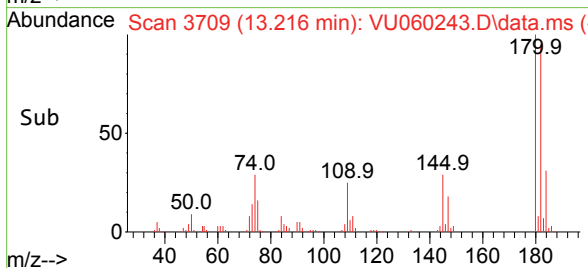
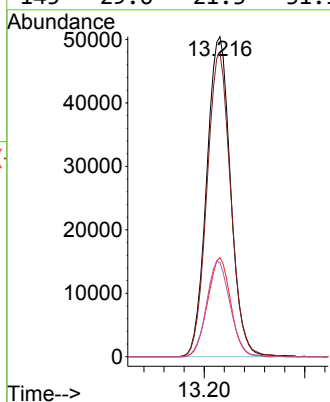


#69
 1,3,5-Trichlorobenzene
 Concen: 4.055 ug/L
 RT: 13.216 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU060243.D
 Acq: 26 Jul 2024 22:59

Instrument :
 MSVOA_U
 ClientSampleId :

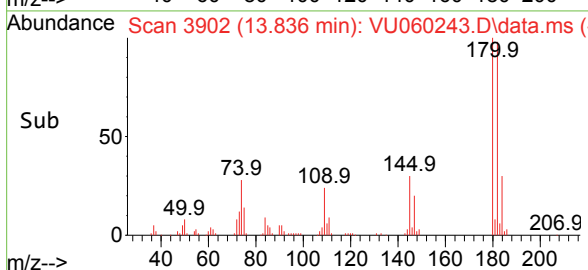
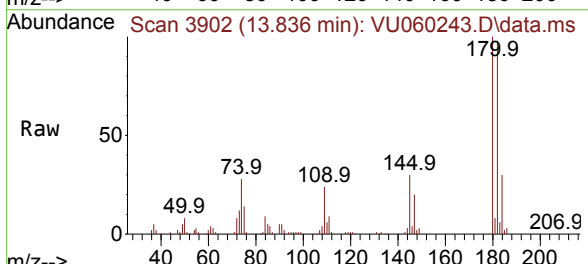
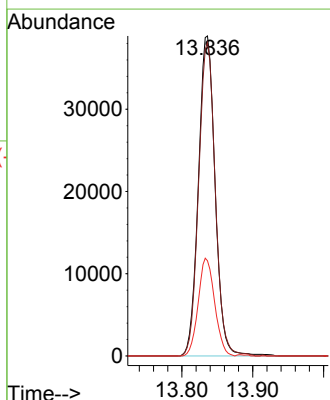


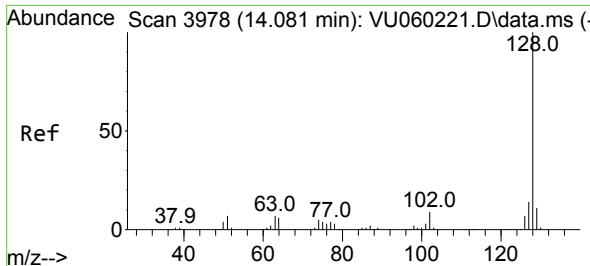
Tgt Ion:180	Resp:	82853
Ion Ratio	Lower	Upper
180	100	
182	94.7	74.6 111.8
184	30.1	23.1 34.7
145	29.6	21.3 31.9



#70
 1,2,4-trichlorobenzene
 Concen: 4.105 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. 0.000 min
 Lab File: VU060243.D
 Acq: 26 Jul 2024 22:59

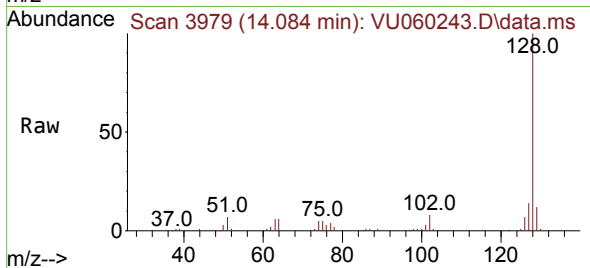
Tgt Ion:180	Resp:	63840
Ion Ratio	Lower	Upper
180	100	
182	97.2	77.2 115.8
145	30.0	23.0 34.4



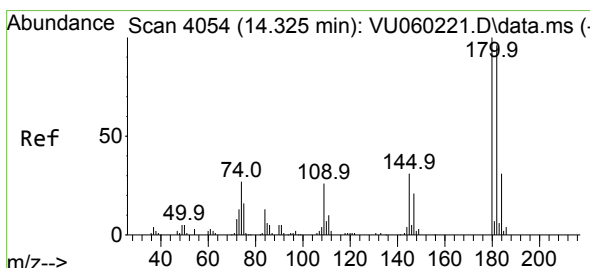
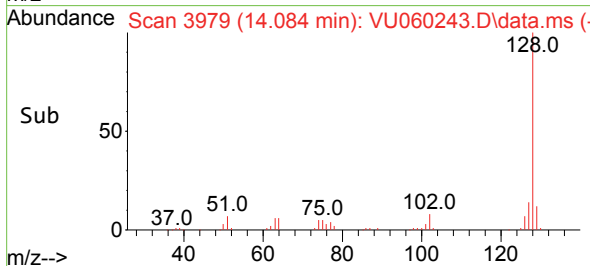
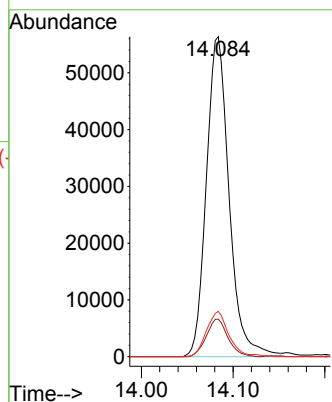


#71
Naphthalene
Concen: 4.411 ug/L
RT: 14.084 min Scan# 3978
Delta R.T. 0.003 min
Lab File: VU060243.D
Acq: 26 Jul 2024 22:59

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 97185
Ion Ratio Lower Upper
128 100
129 11.2 8.2 12.4
127 14.0 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 4.251 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU060243.D
Acq: 26 Jul 2024 22:59

Tgt Ion:180 Resp: 59446
Ion Ratio Lower Upper
180 100
182 95.2 76.3 114.5
145 32.3 23.9 35.9

