

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072624\
 Data File : VU060221.D
 Acq On : 26 Jul 2024 13:31
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 26 23:11:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 25 05:11:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	165474	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	166598	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	82755	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	45334	3.938	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.800%
7) Chloroethane-d5	1.911	69	43761	4.091	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.800%
11) 1,1-Dichloroethene-d2	2.560	65	17253	3.838	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.800%
20) 2-Butanone-d5	4.631	46	141355	52.515	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.040%
24) Chloroform-d	5.055	84	102765	4.247	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
26) 1,2-Dichloroethane-d4	5.695	65	47578	4.223	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
32) Benzene-d6	5.721	84	191227	4.284	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
36) 1,2-Dichloropropane-d6	6.682	67	66685	4.688	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.891	98	163368	4.051	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.000%
43) trans-1,3-Dichloroprop...	8.174	79	21107	4.359	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.627	63	109948	51.175	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.340%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	57911	4.575	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	63597	4.258	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	48718	3.894	ug/L	99
3) Chloromethane	1.518	50	63829	4.223	ug/L	100
5) Vinyl chloride	1.602	62	71737	4.234	ug/L	98
6) Bromomethane	1.856	94	41798	3.790	ug/L	97
8) Chloroethane	1.930	64	46958	4.243	ug/L	96
9) Trichlorofluoromethane	2.132	101	90522	4.237	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	59195	4.245	ug/L	95
12) 1,1-Dichloroethene	2.573	96	54125	4.285	ug/L	97
13) Acetone	2.644	43	92882	52.165	ug/L	97
14) Carbon disulfide	2.788	76	151962	4.132	ug/L	100
15) Methyl Acetate	2.956	43	23030	5.259	ug/L	90
16) Methylene chloride	3.039	84	67098	4.333	ug/L	97
17) Methyl tert-butyl Ether	3.357	73	131892	4.579	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	56093	4.269	ug/L	93
19) 1,1-Dichloroethane	3.862	63	114261	4.580	ug/L	99
21) 2-Butanone	4.711	43	146877	52.109	ug/L	94
22) cis-1,2-Dichloroethene	4.660	96	66288	4.505	ug/L	90
23) Bromochloromethane	4.968	128	28626	4.003	ug/L	# 85
25) Chloroform	5.081	83	118919	4.335	ug/L	99

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 Acq On : 26 Jul 2024 13:31
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 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 26 23:11:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 25 05:11:47 2024
 Response via : Initial Calibration

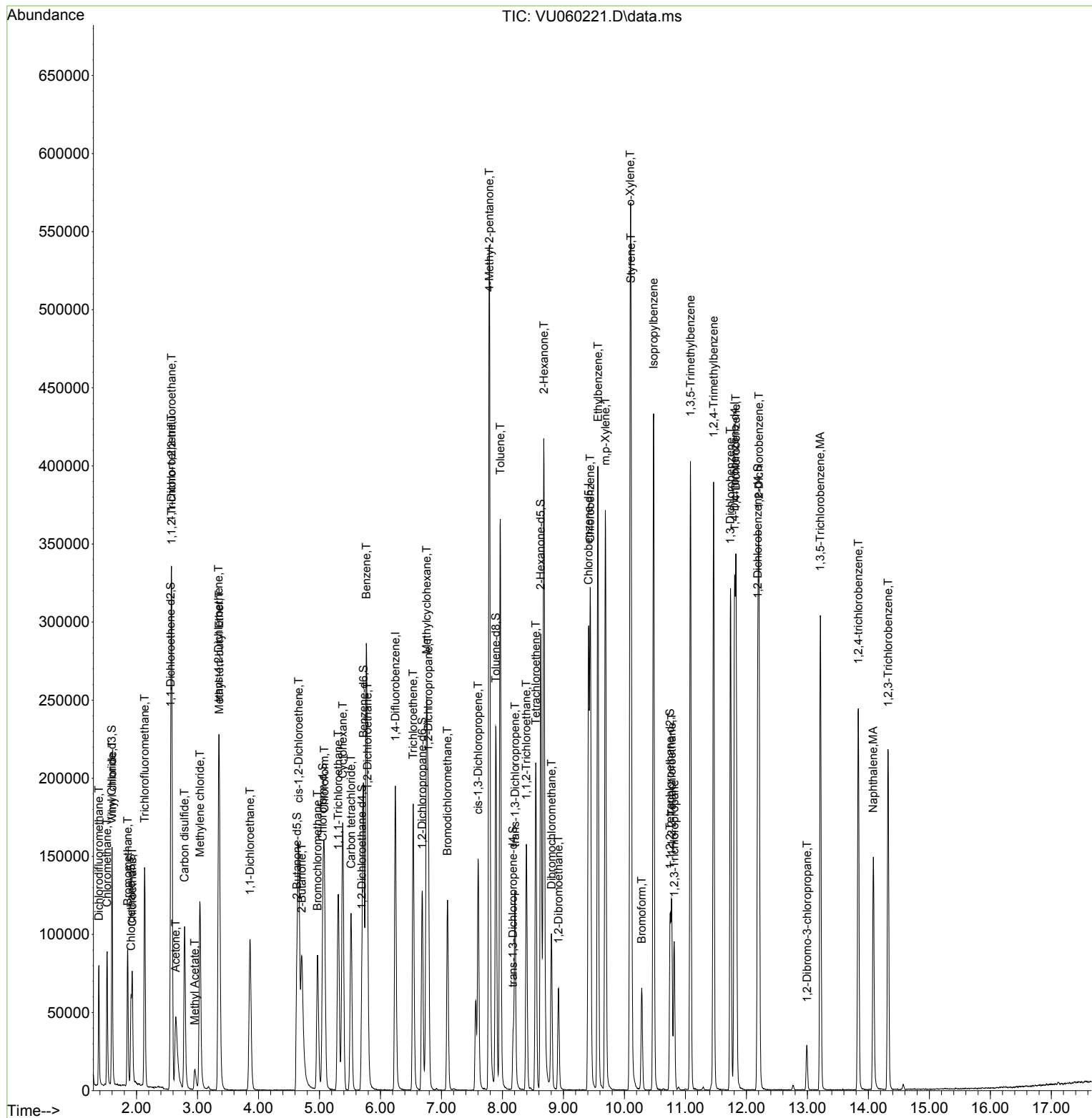
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	66153	4.218	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	94567	4.545	ug/L	99
30) Cyclohexane	5.383	56	86530	5.258	ug/L	91
31) Carbon tetrachloride	5.518	117	78951	4.398	ug/L	97
33) Benzene	5.769	78	263216	4.783	ug/L	100
34) Trichloroethene	6.537	95	65589	4.494	ug/L	94
35) Methylcyclohexane	6.759	83	93620	4.893	ug/L	93
37) 1,2-Dichloropropane	6.785	63	71729	4.824	ug/L	99
38) Bromodichloromethane	7.100	83	83277	4.471	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	94858	4.882	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	346588	52.679	ug/L	98
42) Toluene	7.965	91	279959	4.780	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	76952	4.741	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	50951	4.485	ug/L	99
47) Tetrachloroethene	8.550	164	48736	4.038	ug/L	98
48) 2-Hexanone	8.679	43	254163	52.761	ug/L	98
49) Dibromochloromethane	8.804	129	51567	4.103	ug/L	97
50) 1,2-Dibromoethane	8.920	107	44757	4.357	ug/L	94
51) Chlorobenzene	9.441	112	173405	4.532	ug/L	95
52) Ethylbenzene	9.566	91	289139	4.950	ug/L	98
53) m,p-Xylene	9.688	106	110437	4.894	ug/L	99
54) o-Xylene	10.097	106	103580	4.800	ug/L	89
55) Styrene	10.110	104	186295	5.072	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	62463	4.494	ug/L	98
59) Bromoform	10.283	173	30850	4.102	ug/L	98
60) Isopropylbenzene	10.479	105	280528	5.182	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	42645	4.888	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	219832	5.316	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	214851	5.376	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	134519	4.619	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	132734	4.477	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	124493	4.466	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.994	75	8077	4.750	ug/L	88
69) 1,3,5-Trichlorobenzene	13.212	180	97814	4.450	ug/L	96
70) 1,2,4-trichlorobenzene	13.836	180	79785	4.769	ug/L	98
71) Naphthalene	14.081	128	131273	5.538	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	71114	4.727	ug/L	99

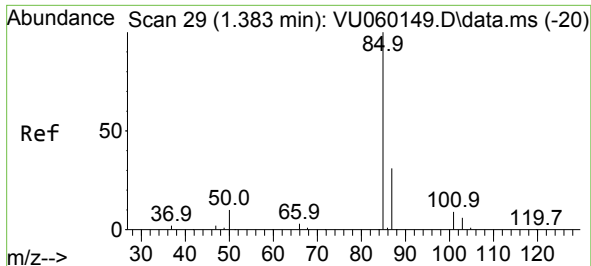
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VU060221.D
Acq On : 26 Jul 2024 13:31
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jul 26 23:11:26 2024
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jul 25 05:11:47 2024
Response via : Initial Calibration

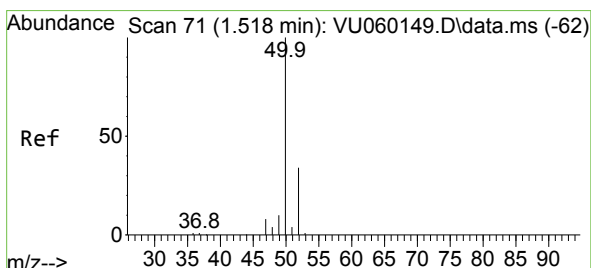
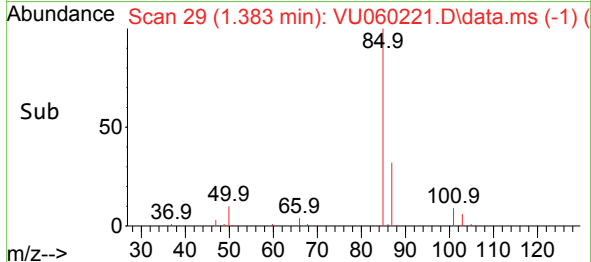
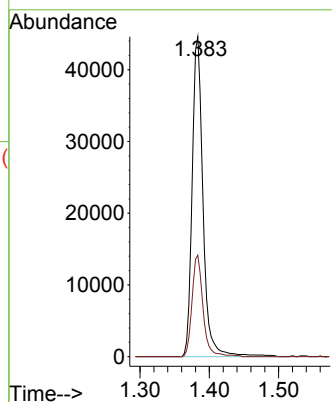
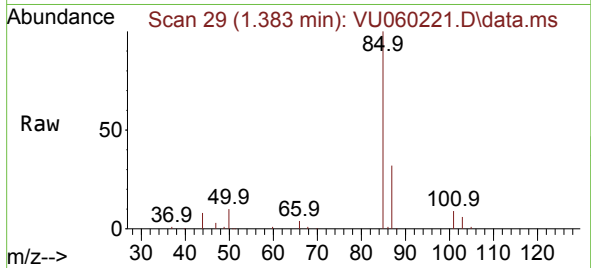




#2
 Dichlorodifluoromethane
 Concen: 3.894 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU060221.D
 Acq: 26 Jul 2024 13:31

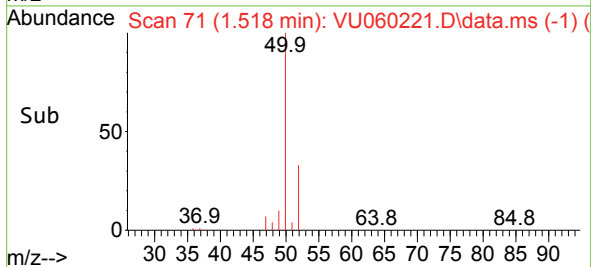
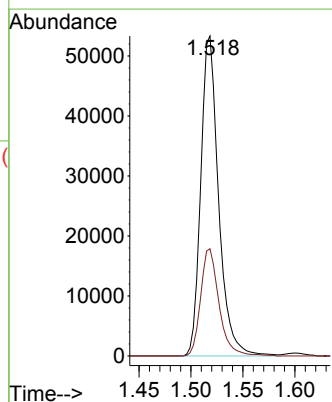
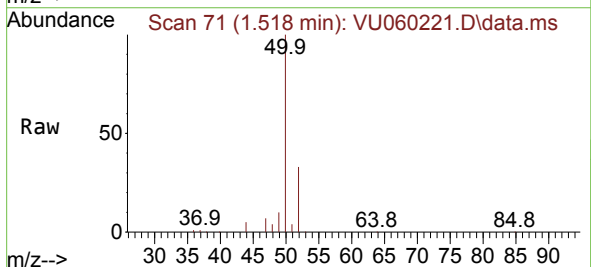
Instrument :
 MSVOA_U
 ClientSampleId :

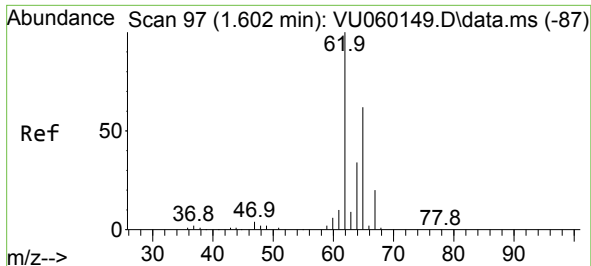
Tgt Ion: 85 Resp: 48718
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.1 39.1



#3
 Chloromethane
 Concen: 4.223 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU060221.D
 Acq: 26 Jul 2024 13:31

Tgt Ion: 50 Resp: 63829
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.4 43.4

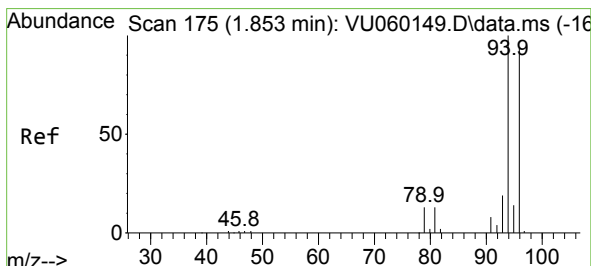
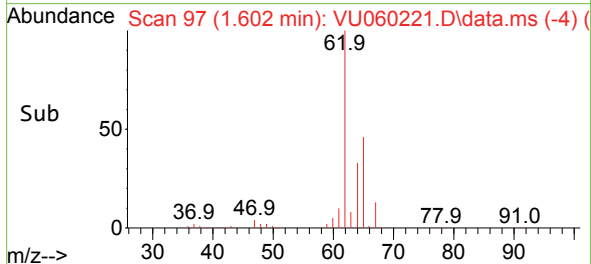
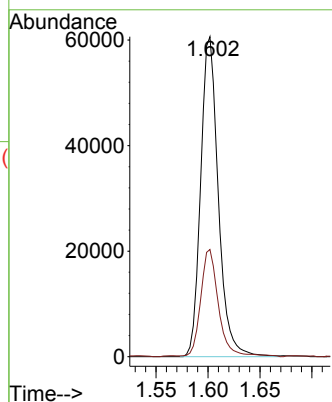
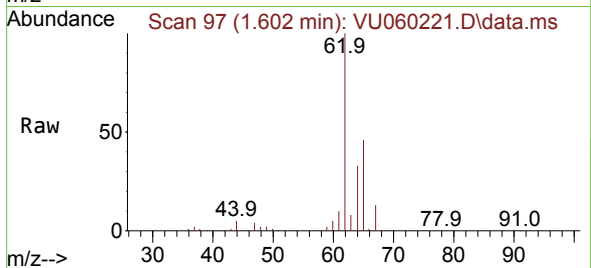




#5
 Vinyl chloride
 Concen: 4.234 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU060221.D
 Acq: 26 Jul 2024 13:31

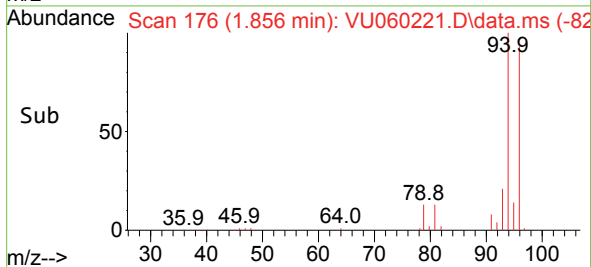
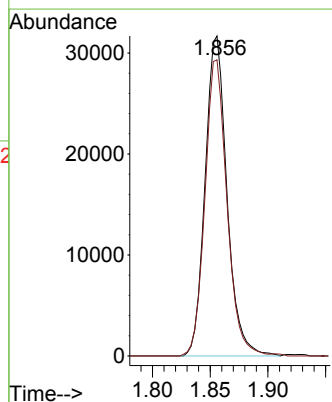
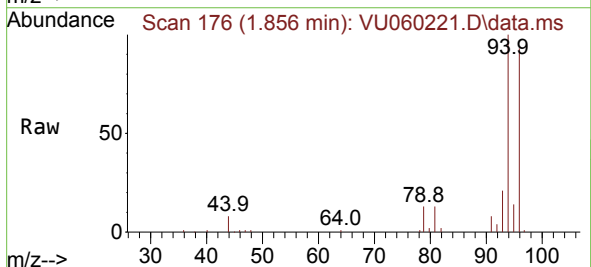
Instrument :
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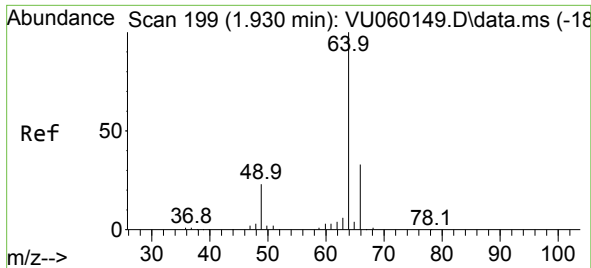
Tgt Ion: 62 Resp: 71737
 Ion Ratio Lower Upper
 62 100
 64 33.5 22.8 42.4



#6
 Bromomethane
 Concen: 3.790 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. 0.003 min
 Lab File: VU060221.D
 Acq: 26 Jul 2024 13:31

Tgt Ion: 94 Resp: 41798
 Ion Ratio Lower Upper
 94 100
 96 92.6 66.6 123.6

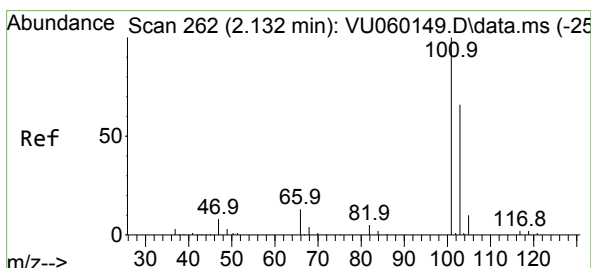
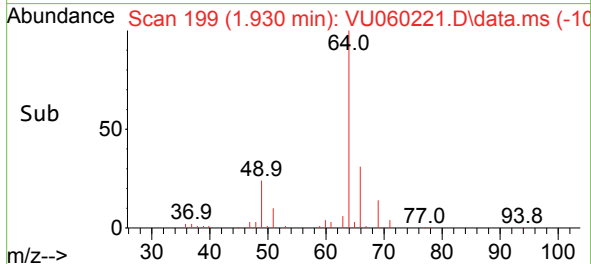
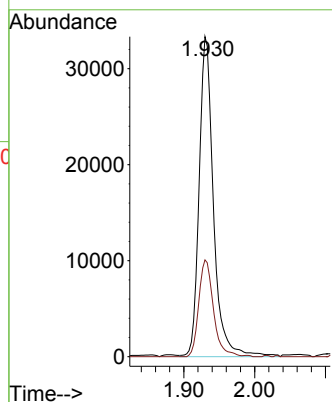
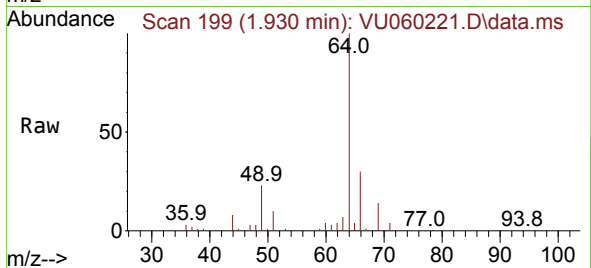




#8
Chloroethane
Concen: 4.243 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU060221.D
Acq: 26 Jul 2024 13:31

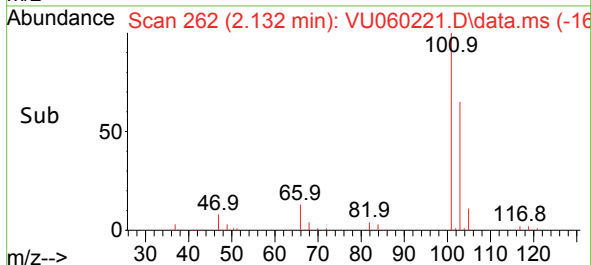
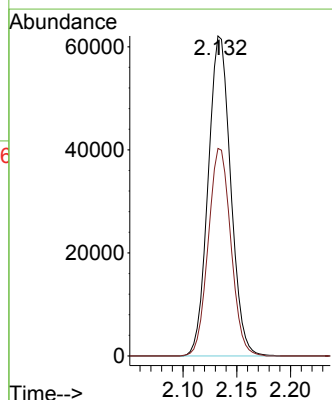
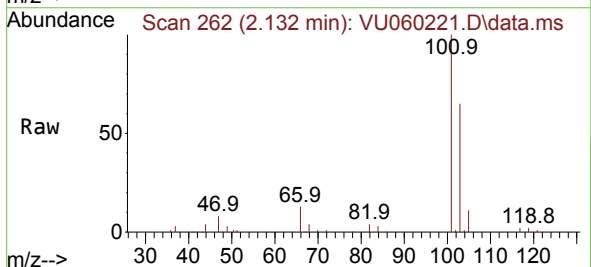
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MSVOA_U
ClientSampleId :

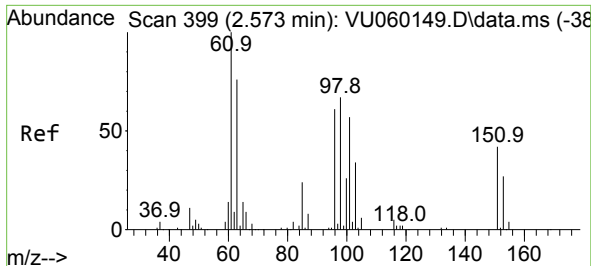
Tgt Ion: 64 Resp: 46958
Ion Ratio Lower Upper
64 100
66 30.3 22.8 42.4



#9
Trichlorofluoromethane
Concen: 4.237 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU060221.D
Acq: 26 Jul 2024 13:31

Tgt Ion:101 Resp: 90522
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.2

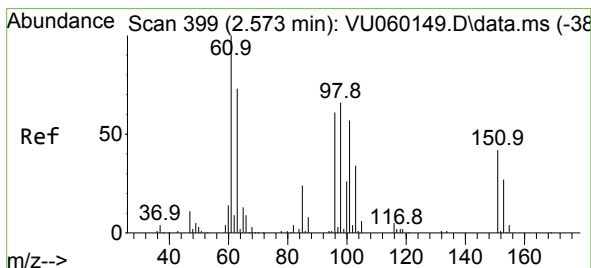
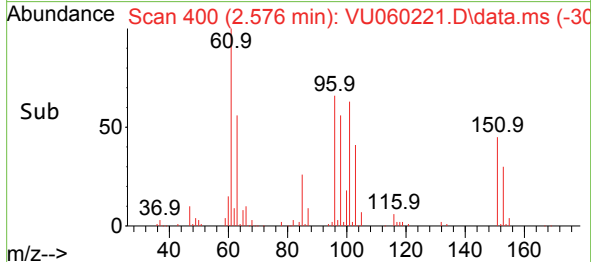
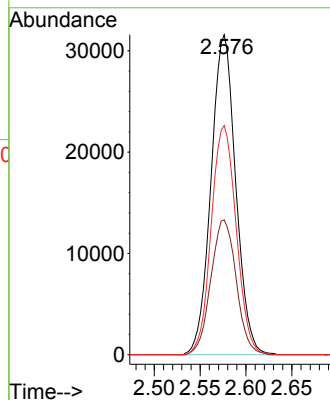
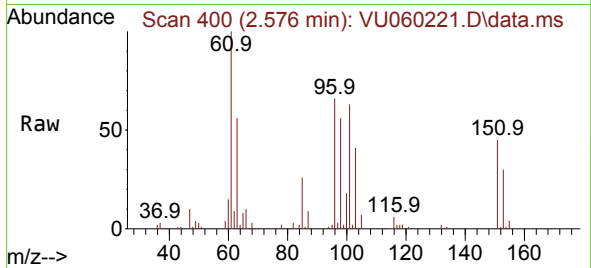




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.245 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU060221.D
Acq: 26 Jul 2024 13:31

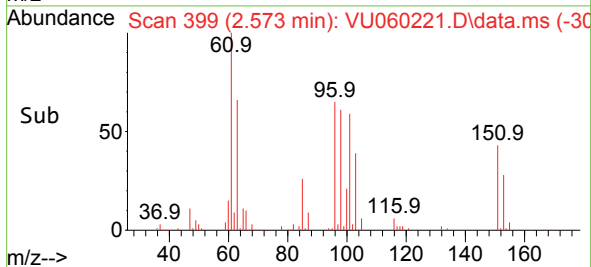
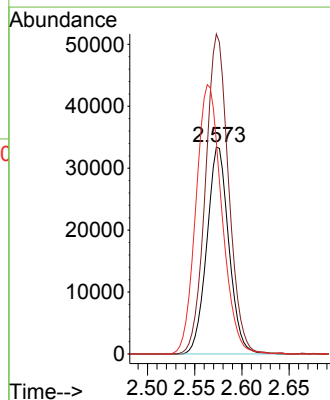
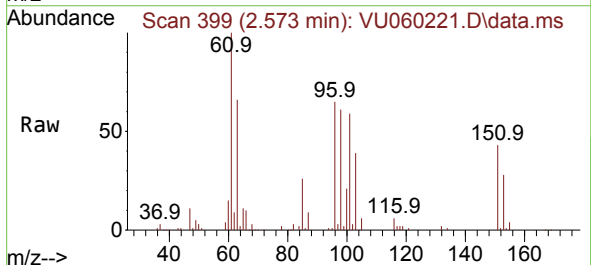
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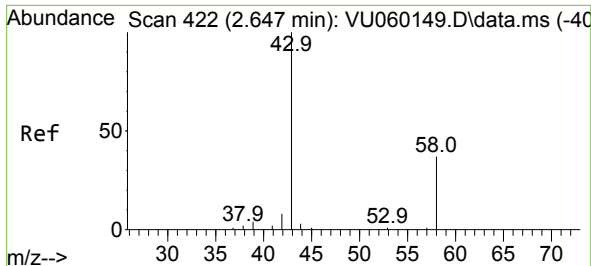
Tgt Ion:101 Resp: 59195
Ion Ratio Lower Upper
101 100
85 43.2 33.2 49.8
151 72.3 61.8 92.8



#12
1,1-Dichloroethene
Concen: 4.285 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU060221.D
Acq: 26 Jul 2024 13:31

Tgt Ion: 96 Resp: 54125
Ion Ratio Lower Upper
96 100
61 154.7 107.0 198.6
63 102.5 76.4 142.0





#13

Acetone

Concen: 52.165 ug/L

RT: 2.644 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU060221.D

Acq: 26 Jul 2024 13:31

Instrument :

MSVOA_U

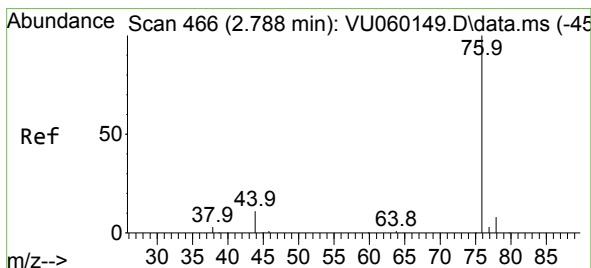
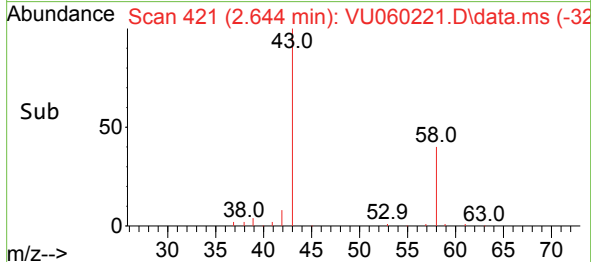
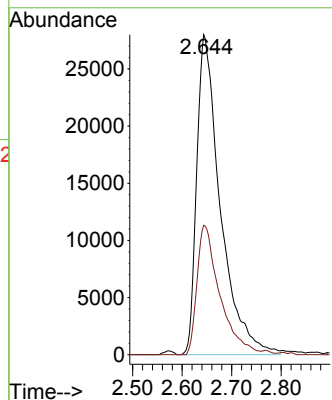
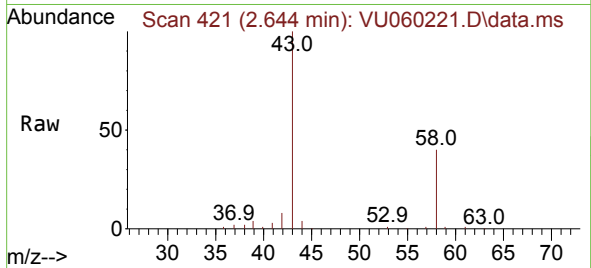
ClientSampleId :

Tgt Ion: 43 Resp: 92882

Ion Ratio Lower Upper

43 100

58 39.0 0.0 82.2



#14

Carbon disulfide

Concen: 4.132 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU060221.D

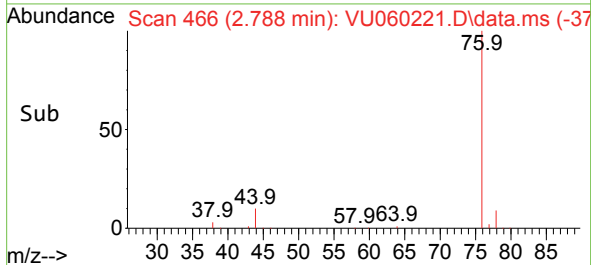
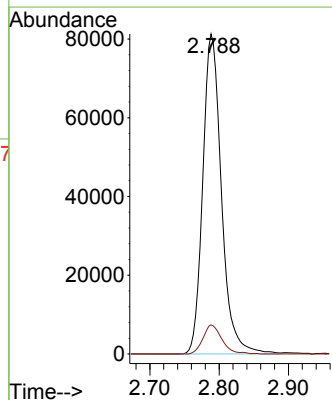
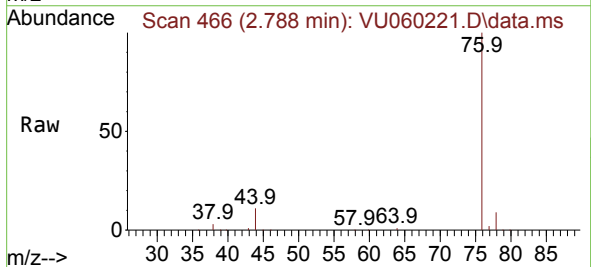
Acq: 26 Jul 2024 13:31

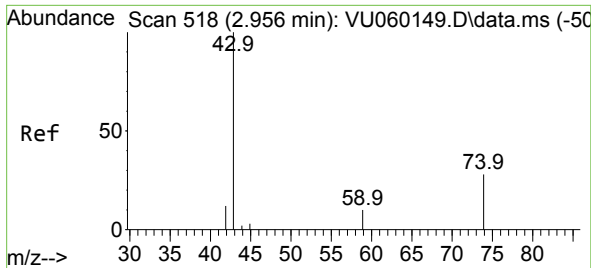
Tgt Ion: 76 Resp: 151962

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

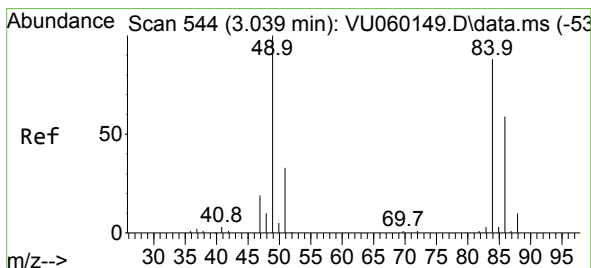
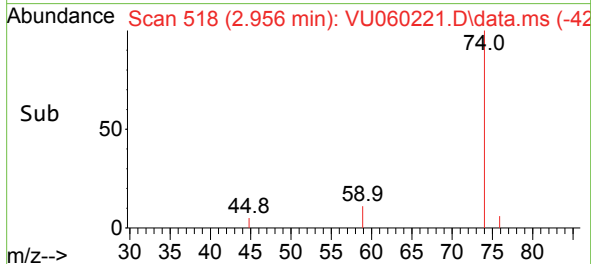
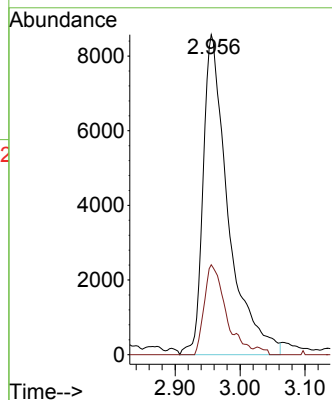
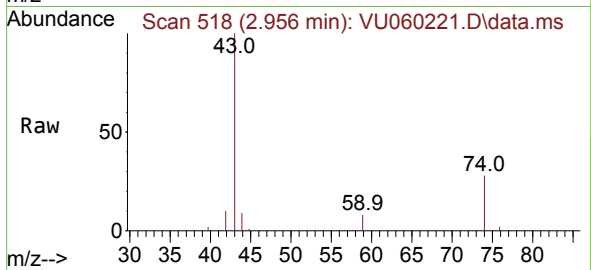




#15
Methyl Acetate
Concen: 5.259 ug/L
RT: 2.956 min Scan# 518
Delta R.T. -0.000 min
Lab File: VU060221.D
Acq: 26 Jul 2024 13:31

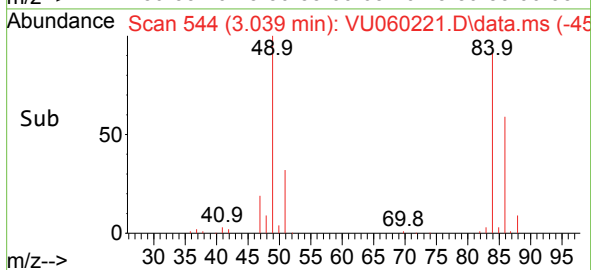
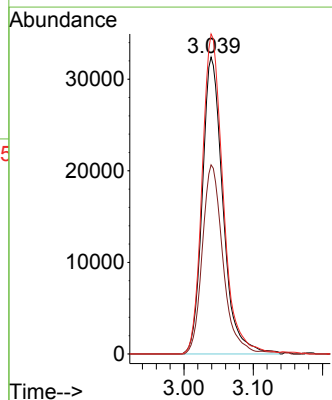
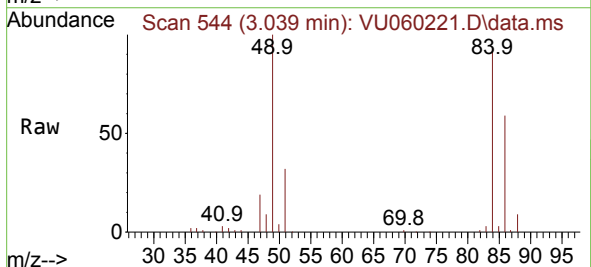
Instrument :
MSVOA_U
ClientSampleId :

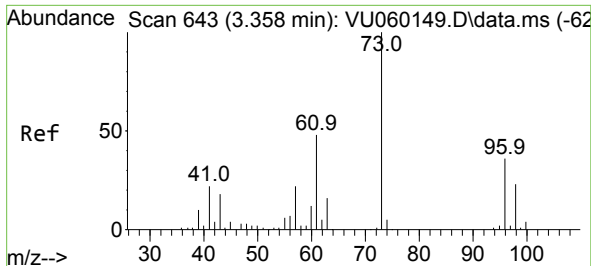
Tgt Ion: 43 Resp: 23030
Ion Ratio Lower Upper
43 100
74 24.1 23.5 35.3



#16
Methylene chloride
Concen: 4.333 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU060221.D
Acq: 26 Jul 2024 13:31

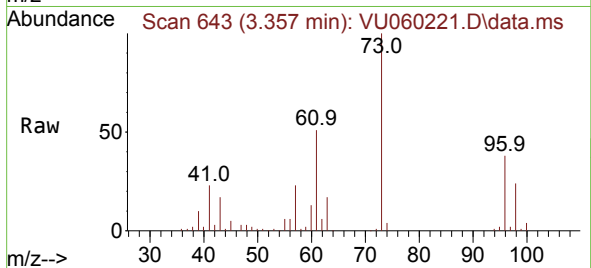
Tgt Ion: 84 Resp: 67098
Ion Ratio Lower Upper
84 100
86 63.8 44.4 82.5
49 107.8 72.0 133.6



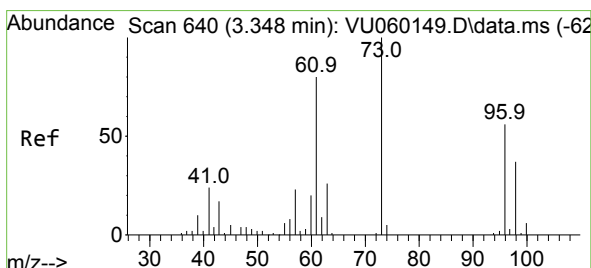
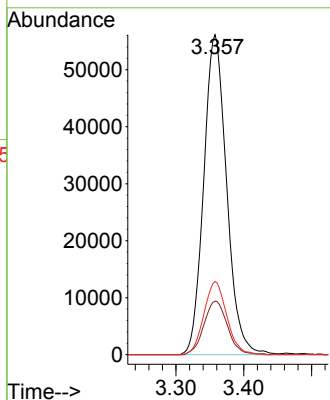
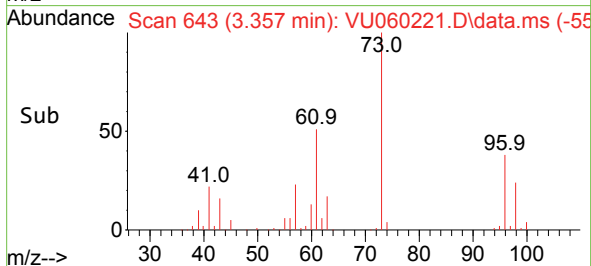


#17
Methyl tert-butyl Ether
Concen: 4.579 ug/L
RT: 3.357 min Scan# 643
Delta R.T. -0.000 min
Lab File: VU060221.D
Acq: 26 Jul 2024 13:31

Instrument :
MSVOA_U
ClientSampleId :

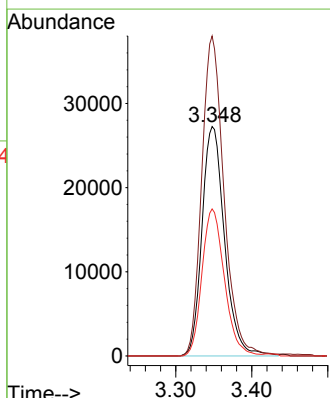
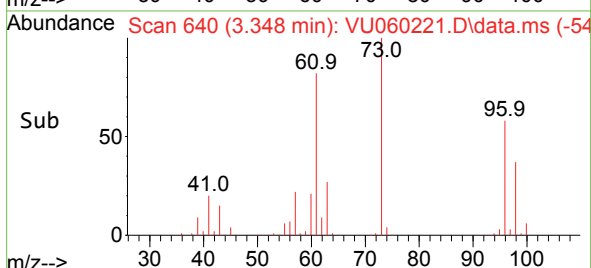
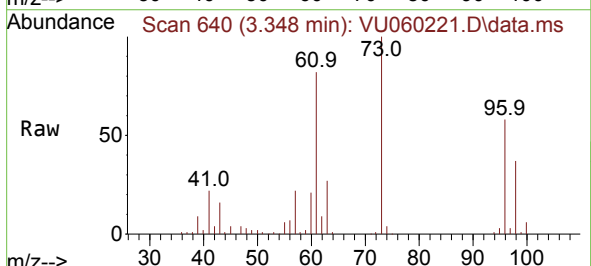


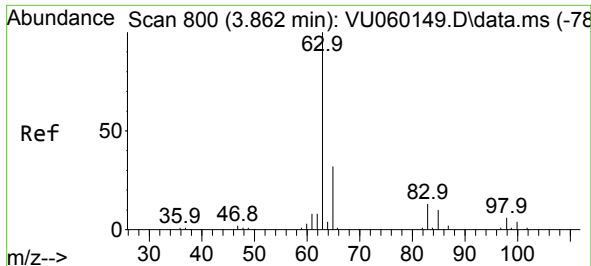
Tgt Ion: 73 Resp: 131892
Ion Ratio Lower Upper
73 100
43 17.2 13.1 19.7
57 22.9 17.0 25.4



#18
trans-1,2-Dichloroethene
Concen: 4.269 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU060221.D
Acq: 26 Jul 2024 13:31

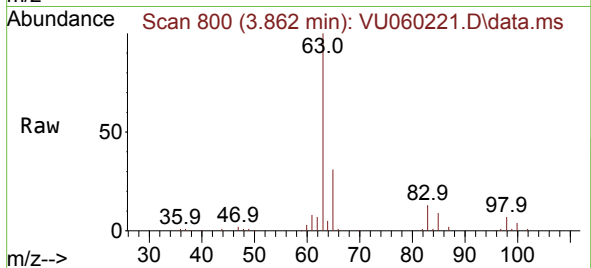
Tgt Ion: 96 Resp: 56093
Ion Ratio Lower Upper
96 100
61 139.4 91.6 170.0
98 64.1 47.7 88.5



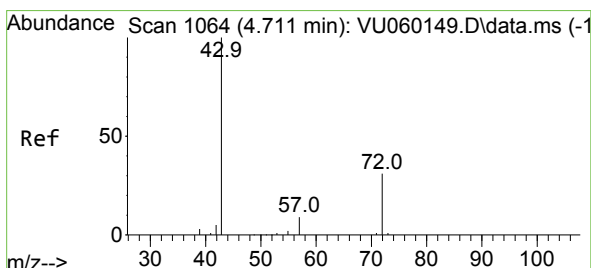
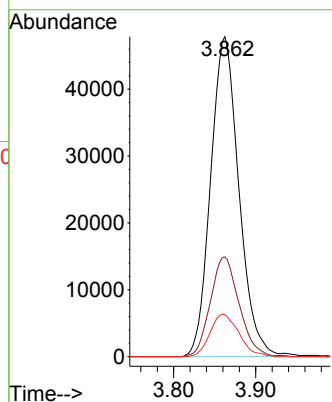
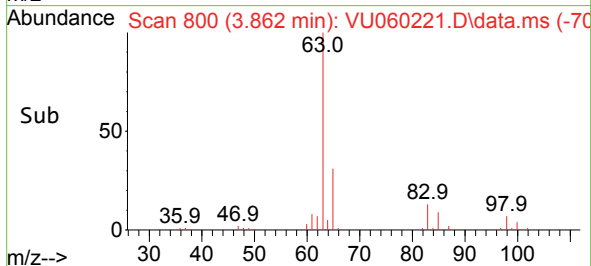


#19
1,1-Dichloroethane
Concen: 4.580 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU060221.D
Acq: 26 Jul 2024 13:31

Instrument :
MSVOA_U
ClientSampleId :

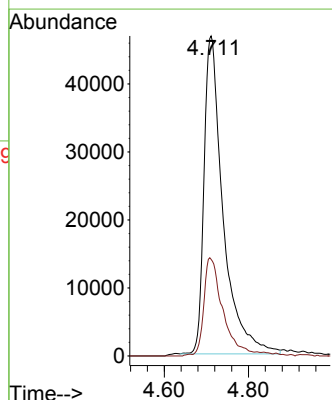
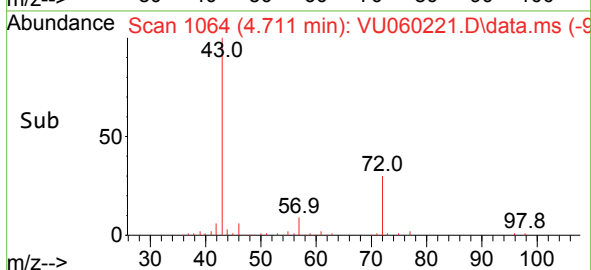
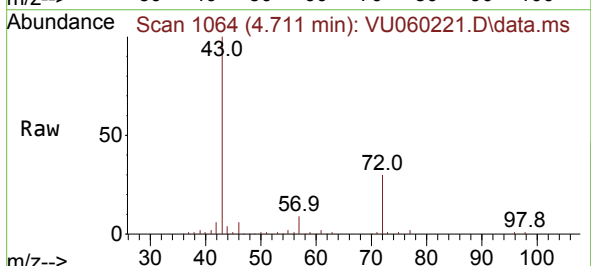


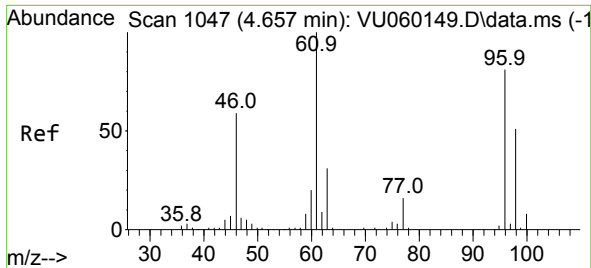
Tgt Ion: 63 Resp: 114261
Ion Ratio Lower Upper
63 100
65 31.2 22.0 40.8
83 13.1 9.7 17.9



#21
2-Butanone
Concen: 52.109 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VU060221.D
Acq: 26 Jul 2024 13:31

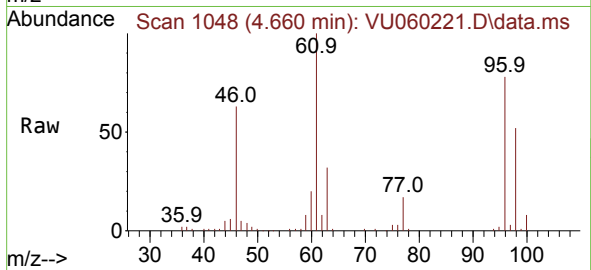
Tgt Ion: 43 Resp: 146877
Ion Ratio Lower Upper
43 100
72 29.1 16.3 48.9



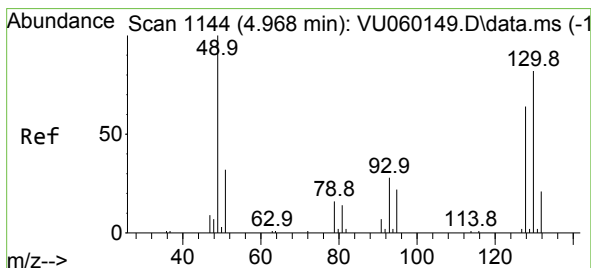
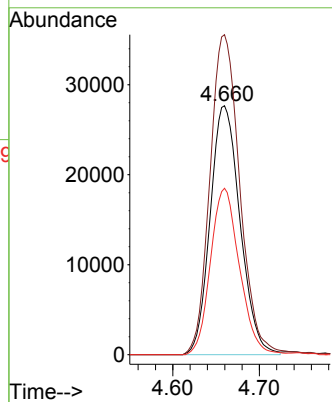
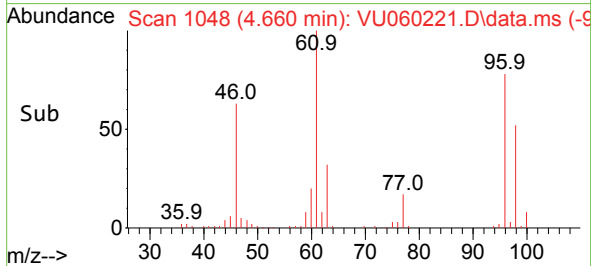


#22
cis-1,2-Dichloroethene
Concen: 4.505 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU060221.D
Acq: 26 Jul 2024 13:31

Instrument :
MSVOA_U
ClientSampleId :

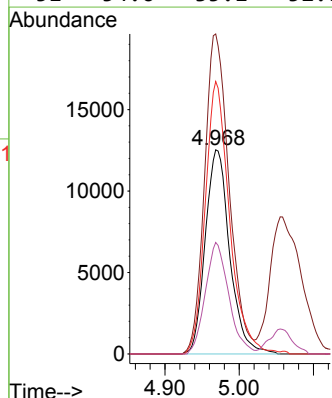
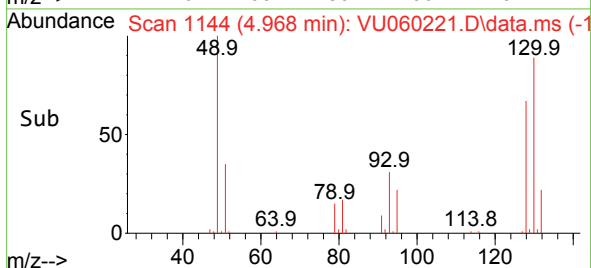
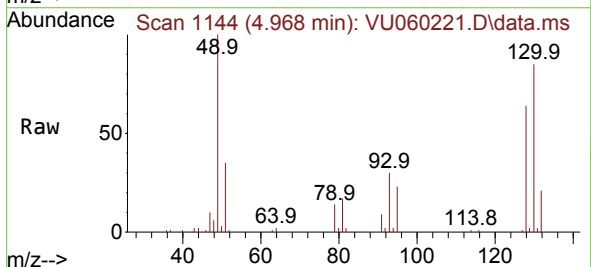


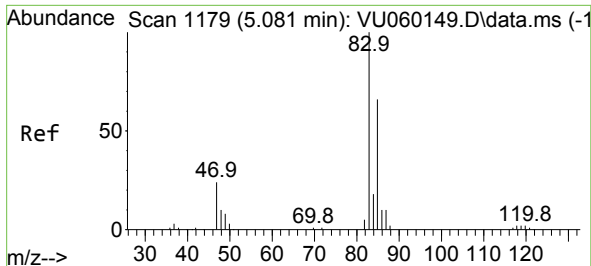
Tgt Ion: 96 Resp: 66288
Ion Ratio Lower Upper
96 100
61 128.5 80.2 148.9
98 66.8 44.7 83.1



#23
Bromochloromethane
Concen: 4.003 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VU060221.D
Acq: 26 Jul 2024 13:31

Tgt Ion:128 Resp: 28626
Ion Ratio Lower Upper
128 100
49 156.7 92.3 171.3
130 133.5 87.1 161.7
51 54.6 35.1 52.7#





#25

Chloroform

Concen: 4.335 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VU060221.D

Acq: 26 Jul 2024 13:31

Instrument :

MSVOA_U

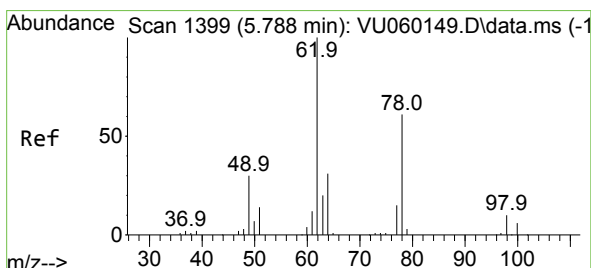
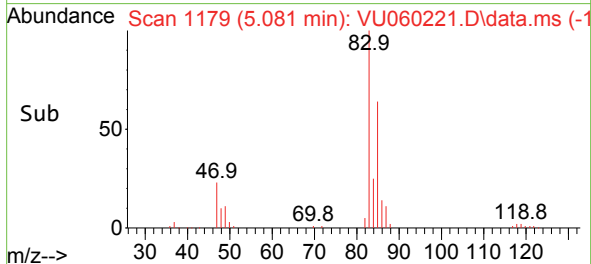
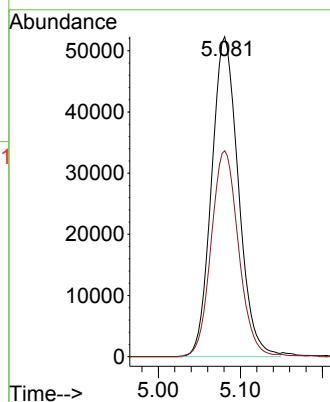
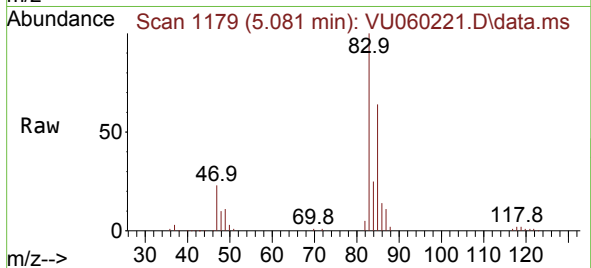
ClientSampleId :

Tgt Ion: 83 Resp: 118919

Ion Ratio Lower Upper

83 100

85 64.4 45.4 84.2



#27

1,2-Dichloroethane

Concen: 4.218 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VU060221.D

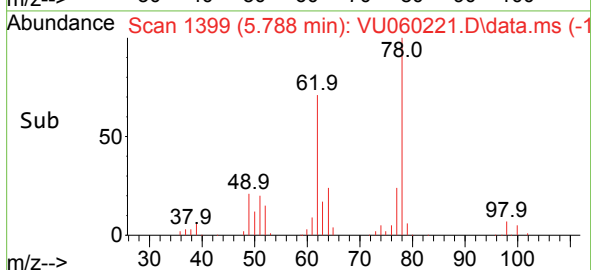
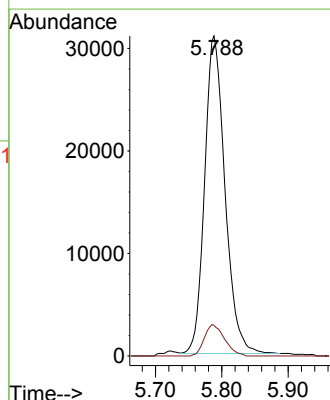
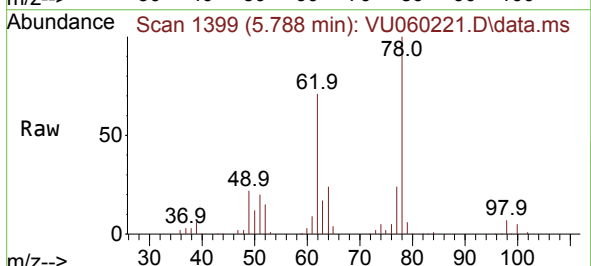
Acq: 26 Jul 2024 13:31

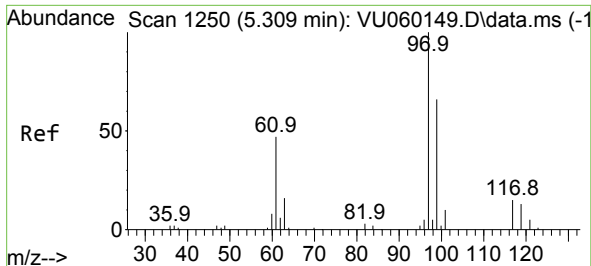
Tgt Ion: 62 Resp: 66153

Ion Ratio Lower Upper

62 100

98 9.6 7.9 11.9

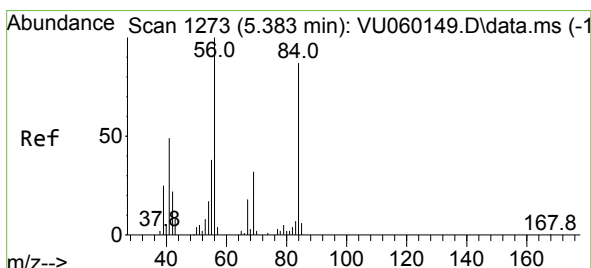
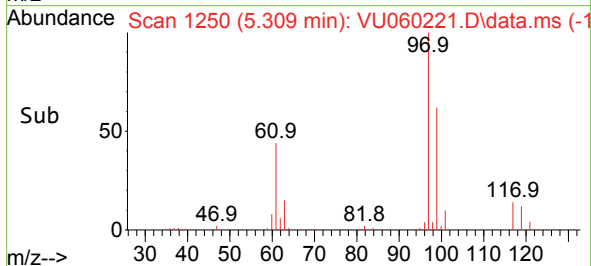
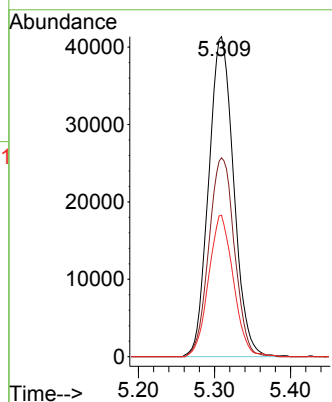
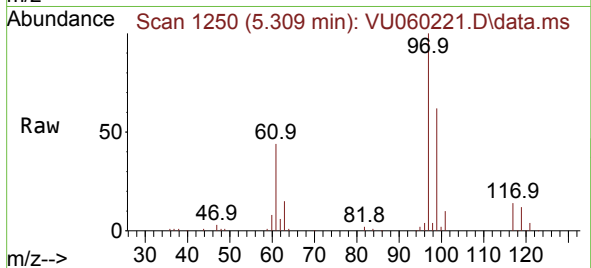




#29
1,1,1-Trichloroethane
Concen: 4.545 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.000 min
Lab File: VU060221.D
Acq: 26 Jul 2024 13:31

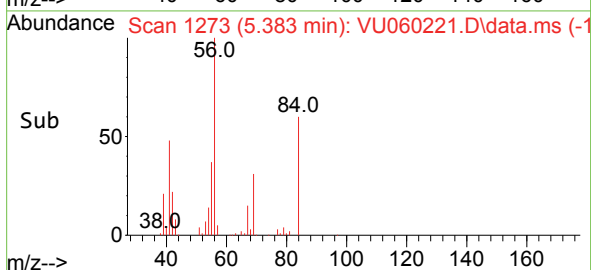
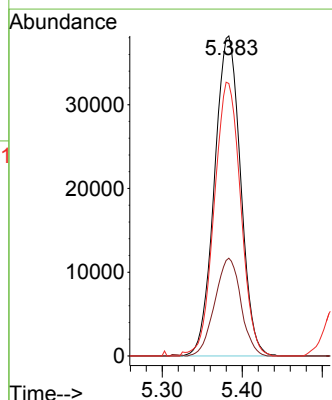
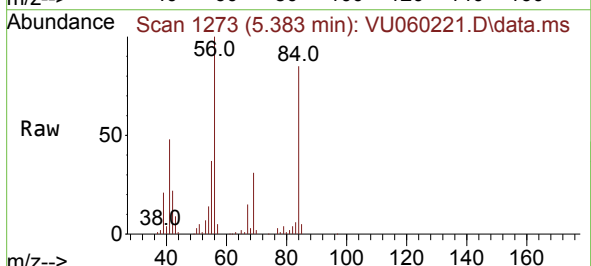
Instrument :
MSVOA_U
ClientSampleId :

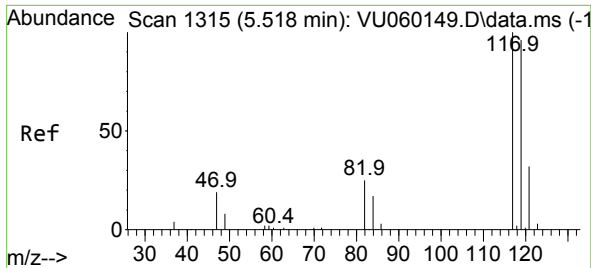
Tgt Ion:	97	Resp:	94567
Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.0	76.4
61	43.9	34.1	51.1



#30
Cyclohexane
Concen: 5.258 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VU060221.D
Acq: 26 Jul 2024 13:31

Tgt Ion:	56	Resp:	86530
Ion	Ratio	Lower	Upper
56	100		
69	30.5	26.6	39.8
84	86.7	77.2	115.8

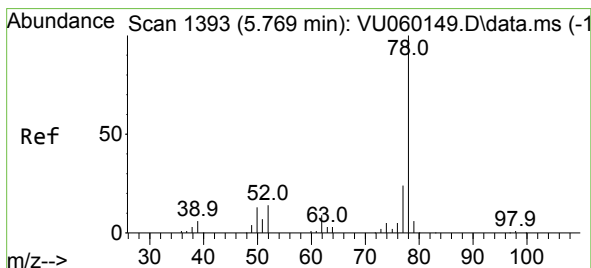
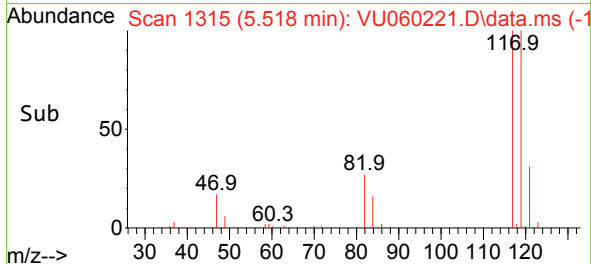
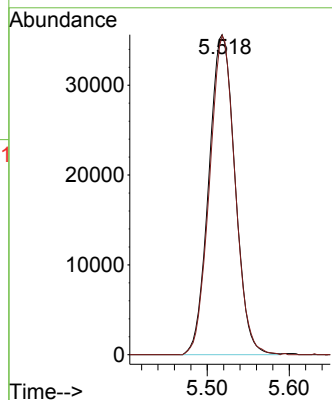
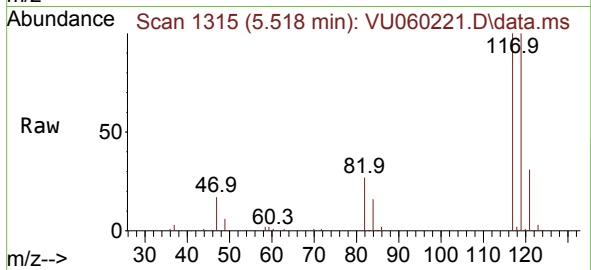




#31
Carbon tetrachloride
Concen: 4.398 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU060221.D
Acq: 26 Jul 2024 13:31

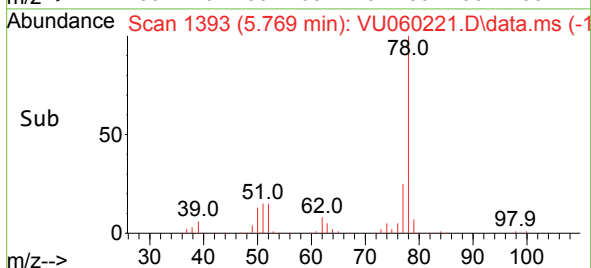
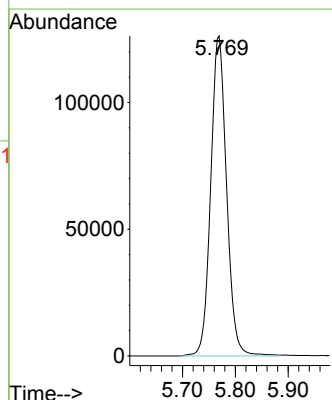
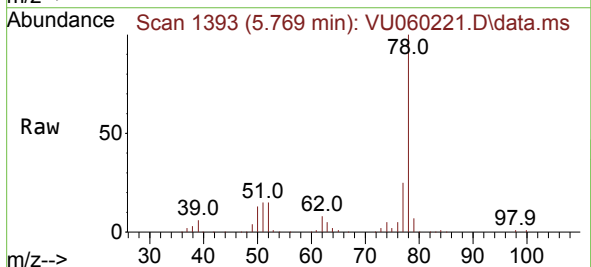
Instrument :
MSVOA_U
ClientSampleId :

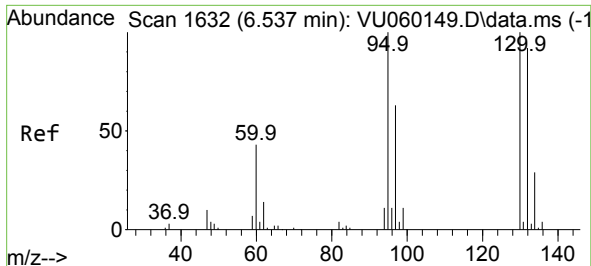
Tgt Ion:117 Resp: 78951
Ion Ratio Lower Upper
117 100
119 97.2 75.6 113.4



#33
Benzene
Concen: 4.783 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU060221.D
Acq: 26 Jul 2024 13:31

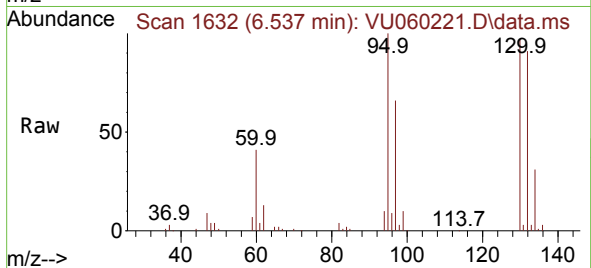
Tgt Ion: 78 Resp: 263216



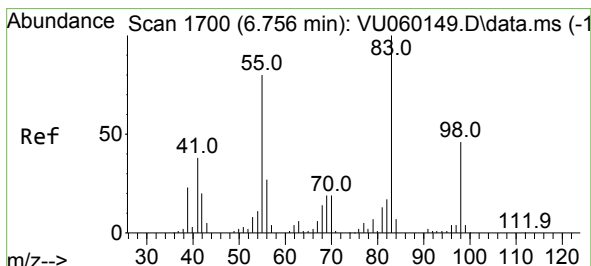
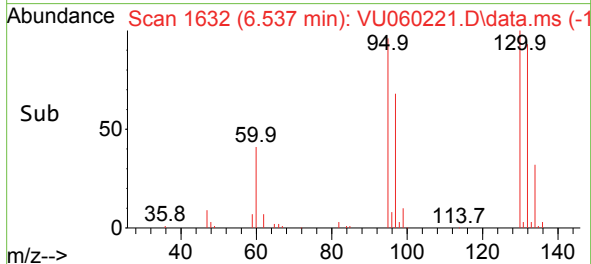
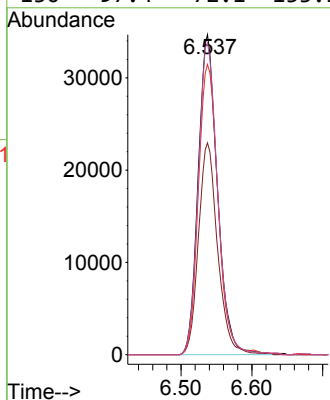


#34
Trichloroethene
Concen: 4.494 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU060221.D
Acq: 26 Jul 2024 13:31

Instrument :
MSVOA_U
ClientSampleId :

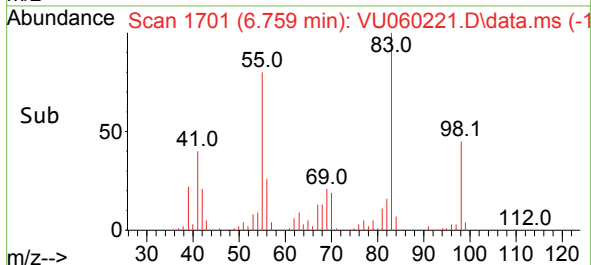
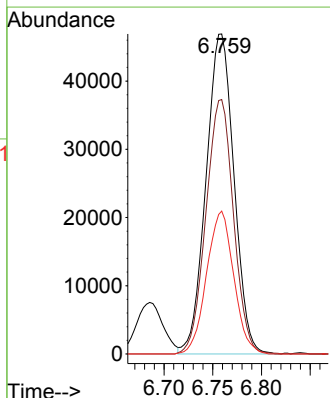
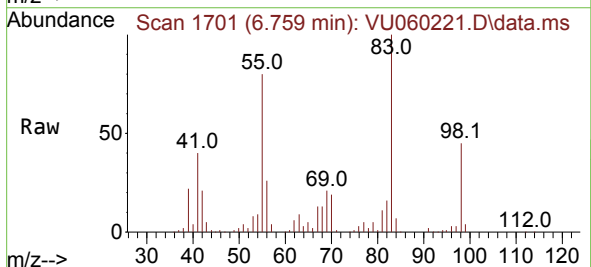


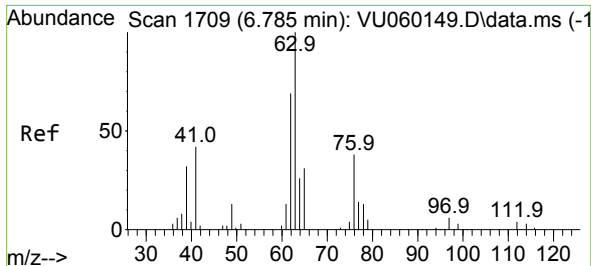
Tgt Ion: 95 Resp: 65589
Ion Ratio Lower Upper
95 100
97 66.2 45.9 85.3
132 90.7 71.4 132.6
130 97.4 72.1 133.9



#35
Methylcyclohexane
Concen: 4.893 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VU060221.D
Acq: 26 Jul 2024 13:31

Tgt Ion: 83 Resp: 93620
Ion Ratio Lower Upper
83 100
55 78.4 56.7 85.1
98 43.4 36.6 55.0

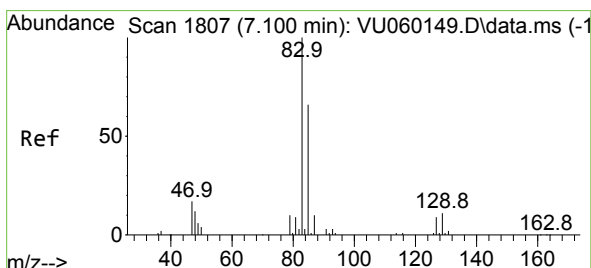
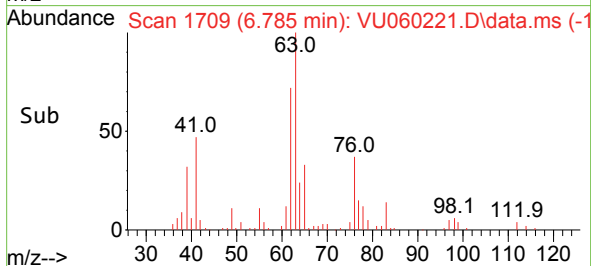
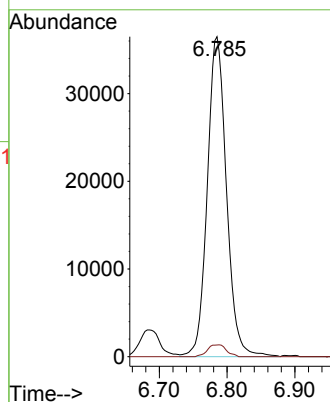
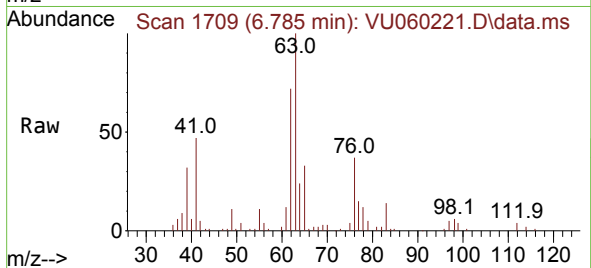




#37
1,2-Dichloropropane
Concen: 4.824 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. -0.000 min
Lab File: VU060221.D
Acq: 26 Jul 2024 13:31

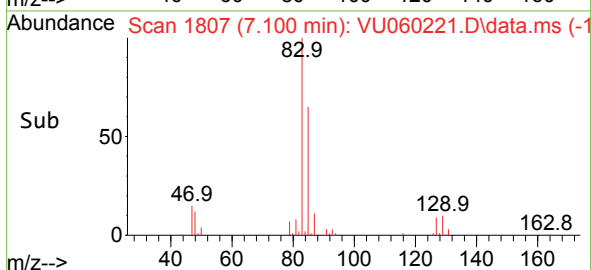
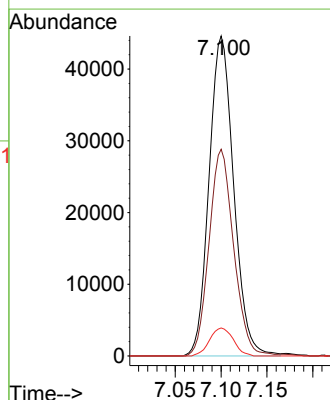
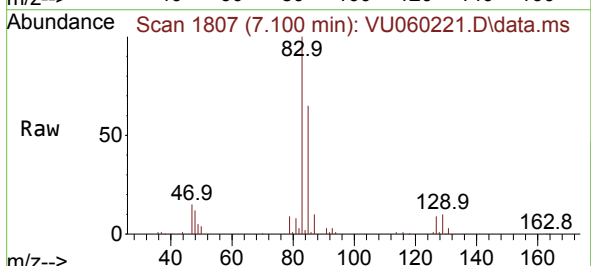
Instrument :
MSVOA_U
ClientSampleId :

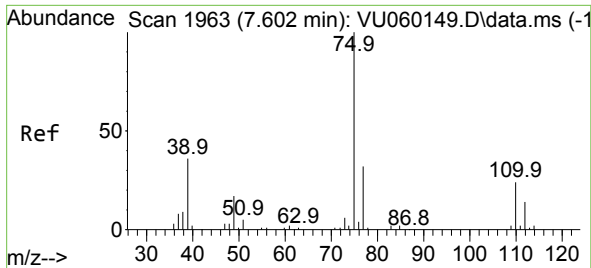
Tgt Ion: 63 Resp: 71729
Ion Ratio Lower Upper
63 100
112 3.7 3.3 4.9



#38
Bromodichloromethane
Concen: 4.471 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU060221.D
Acq: 26 Jul 2024 13:31

Tgt Ion: 83 Resp: 83277
Ion Ratio Lower Upper
83 100
85 64.6 43.5 80.7
127 8.8 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 4.882 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VU060221.D

Acq: 26 Jul 2024 13:31

Instrument :

MSVOA_U

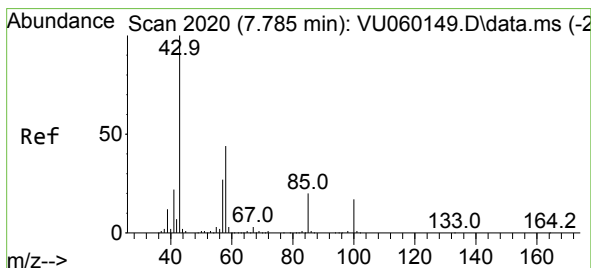
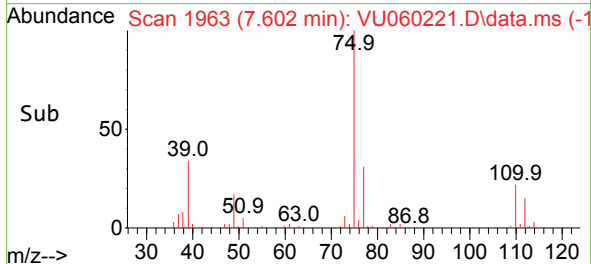
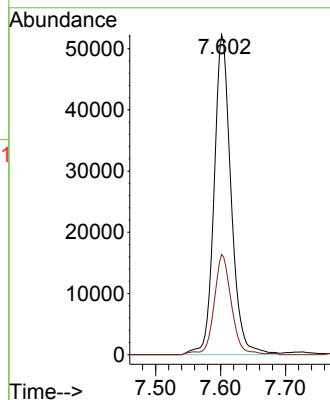
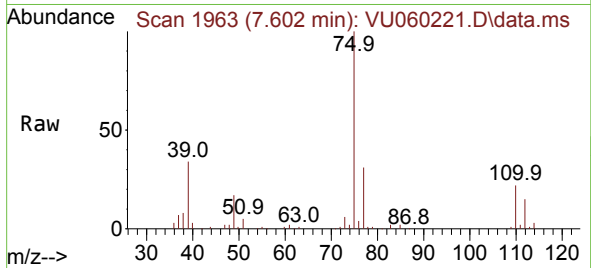
ClientSampleId :

Tgt Ion: 75 Resp: 94858

Ion Ratio Lower Upper

75 100

77 31.3 23.2 43.2



#40

4-Methyl-2-pentanone

Concen: 52.679 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.000 min

Lab File: VU060221.D

Acq: 26 Jul 2024 13:31

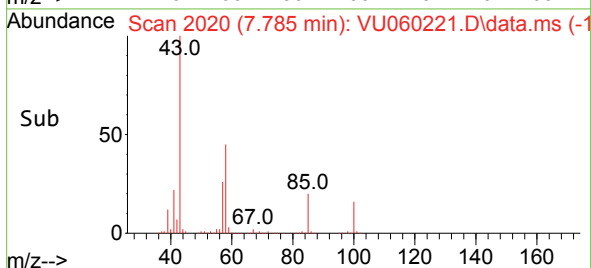
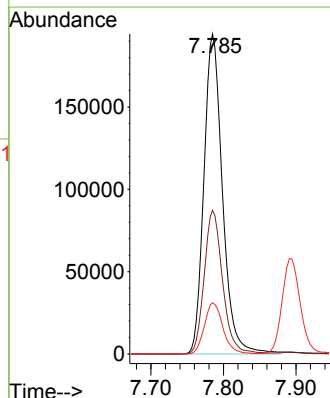
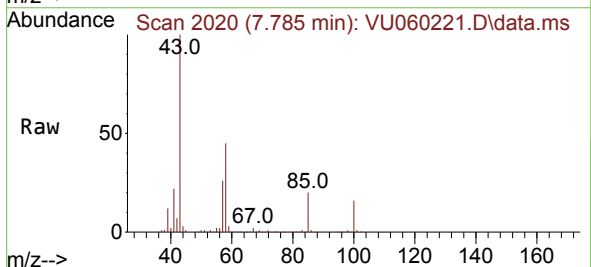
Tgt Ion: 43 Resp: 346588

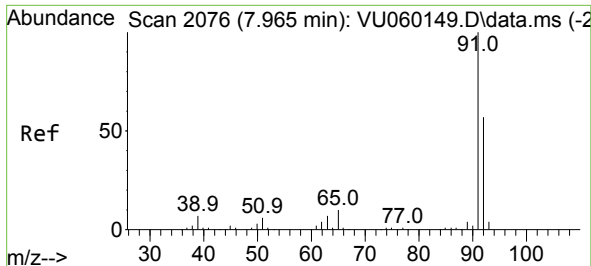
Ion Ratio Lower Upper

43 100

58 44.5 36.0 54.0

100 16.0 14.9 22.3

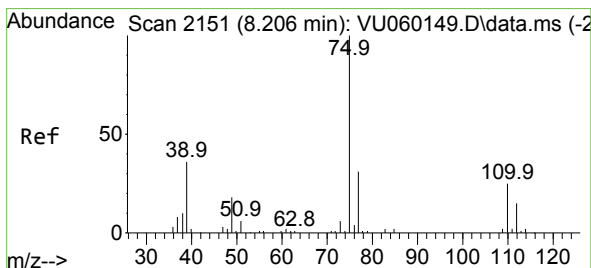
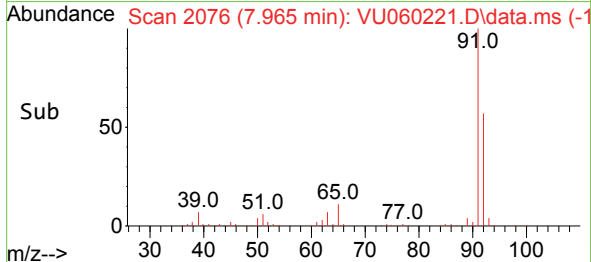
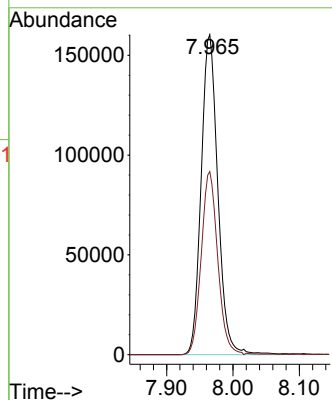
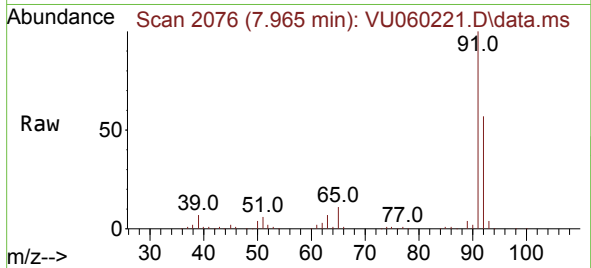




#42
Toluene
Concen: 4.780 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. -0.000 min
Lab File: VU060221.D
Acq: 26 Jul 2024 13:31

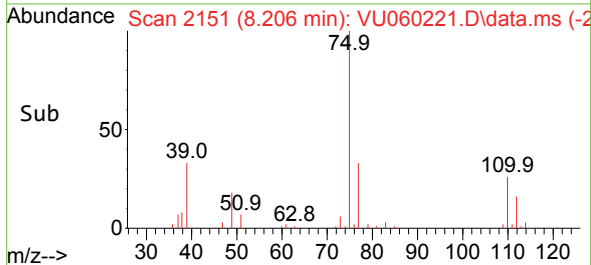
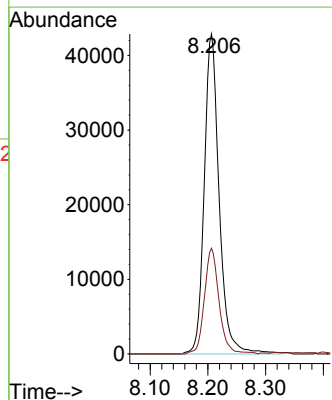
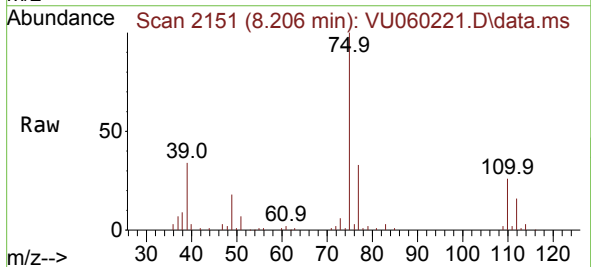
Instrument :
MSVOA_U
ClientSampleId :

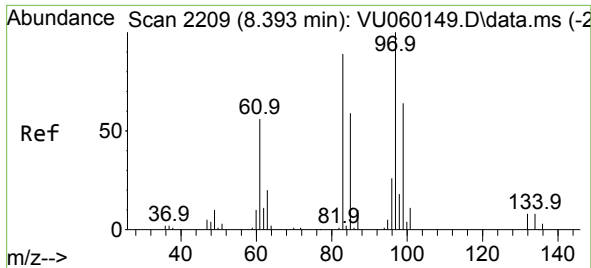
Tgt Ion: 91 Resp: 279959
Ion Ratio Lower Upper
91 100
92 57.2 39.8 73.8



#44
trans-1,3-Dichloropropene
Concen: 4.741 ug/L
RT: 8.206 min Scan# 2151
Delta R.T. -0.000 min
Lab File: VU060221.D
Acq: 26 Jul 2024 13:31

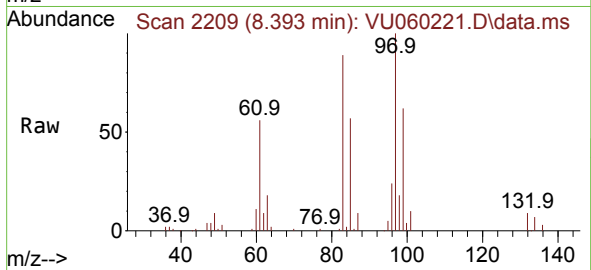
Tgt Ion: 75 Resp: 76952
Ion Ratio Lower Upper
75 100
77 33.1 22.6 42.0



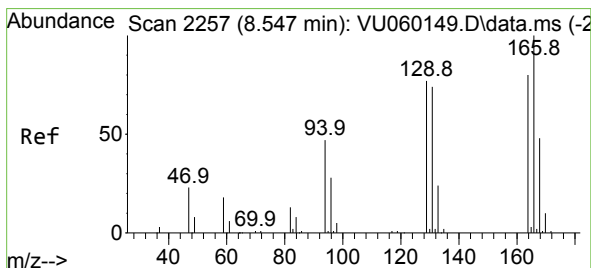
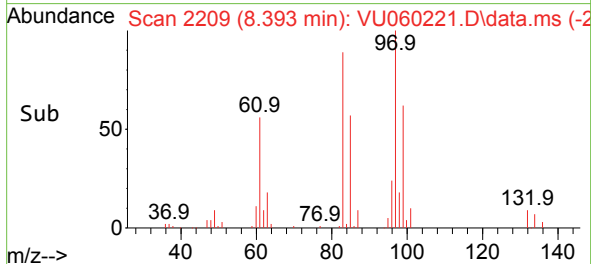
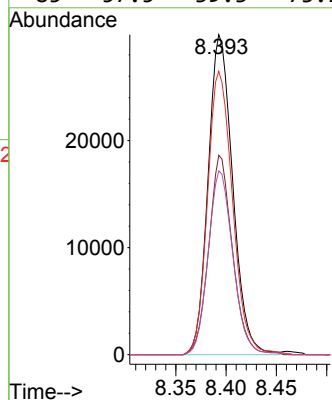


#45
1,1,2-Trichloroethane
Concen: 4.485 ug/L
RT: 8.393 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU060221.D
Acq: 26 Jul 2024 13:31

Instrument :
MSVOA_U
ClientSampleId :

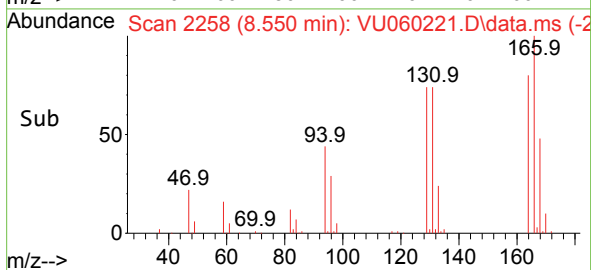
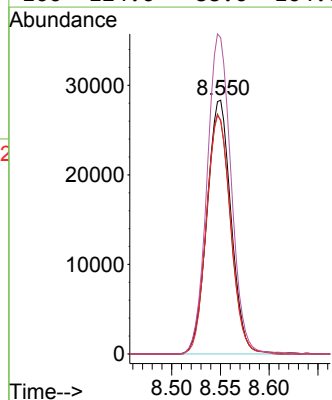
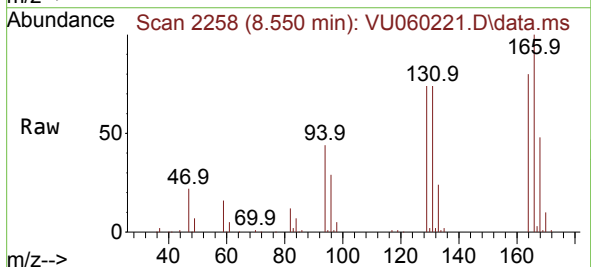


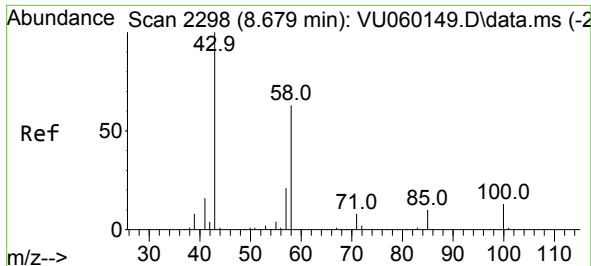
Tgt Ion:	97	Resp:	50951
Ion	Ratio	Lower	Upper
97	100		
99	62.3	43.8	81.4
83	88.6	62.1	115.3
85	57.5	39.3	73.1



#47
Tetrachloroethene
Concen: 4.038 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU060221.D
Acq: 26 Jul 2024 13:31

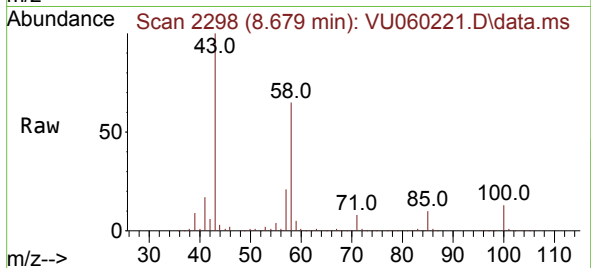
Tgt Ion:	164	Resp:	48736
Ion	Ratio	Lower	Upper
164	100		
129	91.8	64.6	120.0
131	92.4	61.2	113.8
166	124.6	88.6	164.6



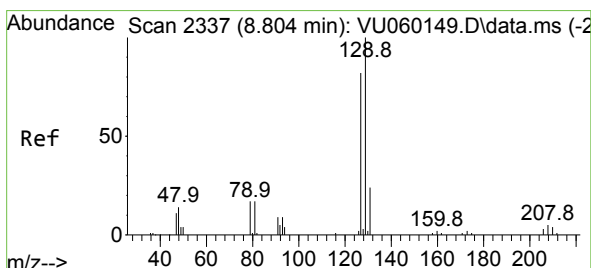
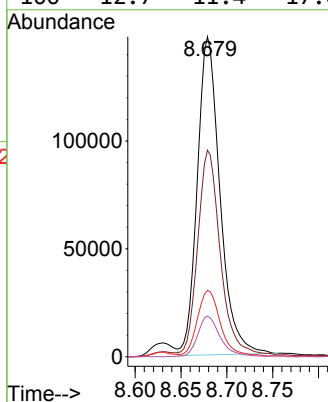
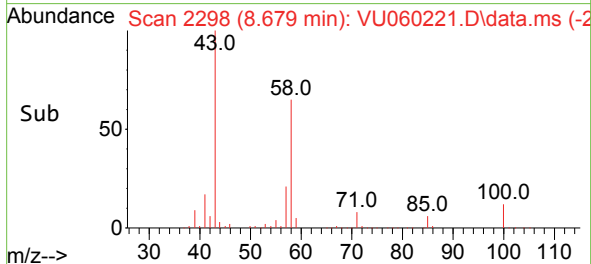


#48
2-Hexanone
Concen: 52.761 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VU060221.D
Acq: 26 Jul 2024 13:31

Instrument :
MSVOA_U
ClientSampleId :

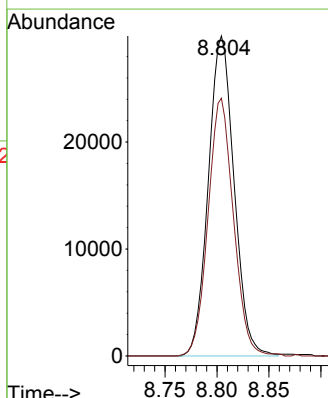
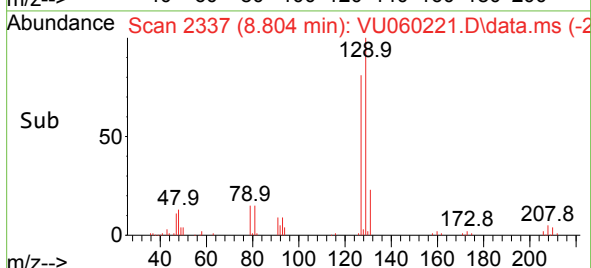
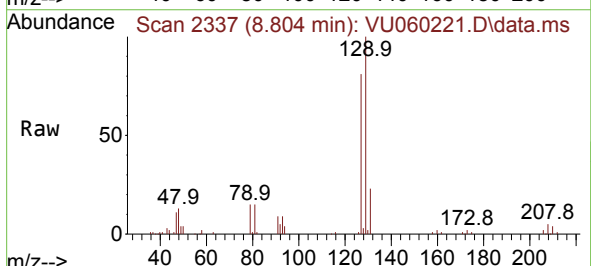


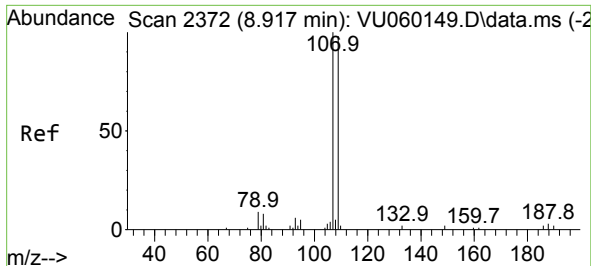
Tgt Ion: 43 Resp: 254163
Ion Ratio Lower Upper
43 100
58 64.4 52.6 78.8
57 21.1 17.8 26.8
100 12.7 11.4 17.0



#49
Dibromochloromethane
Concen: 4.103 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU060221.D
Acq: 26 Jul 2024 13:31

Tgt Ion: 129 Resp: 51567
Ion Ratio Lower Upper
129 100
127 80.6 54.6 101.4





#50

1,2-Dibromoethane

Concen: 4.357 ug/L

RT: 8.920 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU060221.D

Acq: 26 Jul 2024 13:31

Instrument :

MSVOA_U

ClientSampleId :

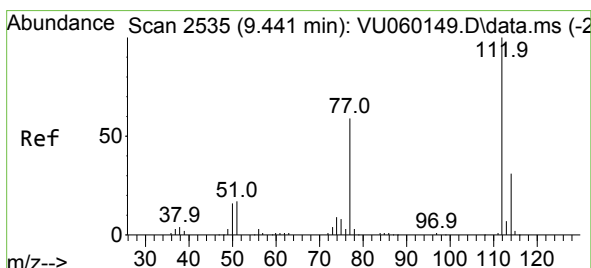
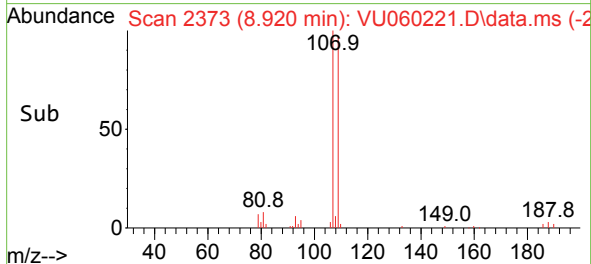
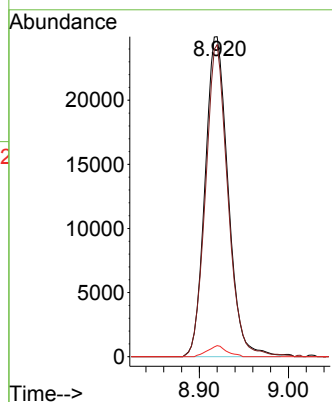
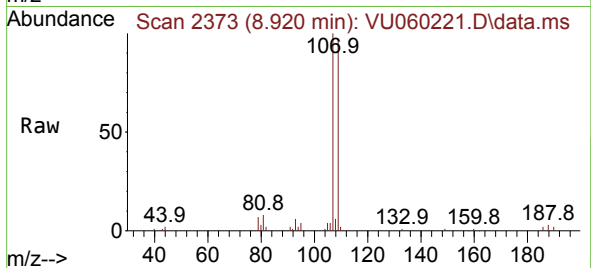
Tgt Ion:107 Resp: 44757

Ion Ratio Lower Upper

107 100

109 97.5 64.0 118.8

188 3.5 3.0 4.6



#51

Chlorobenzene

Concen: 4.532 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.000 min

Lab File: VU060221.D

Acq: 26 Jul 2024 13:31

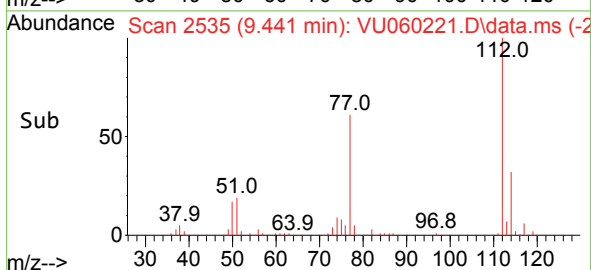
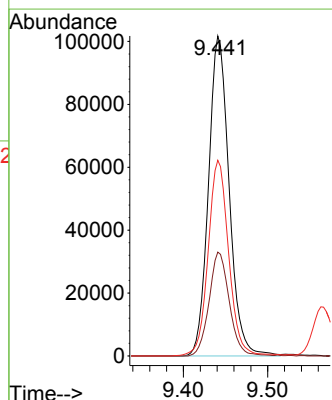
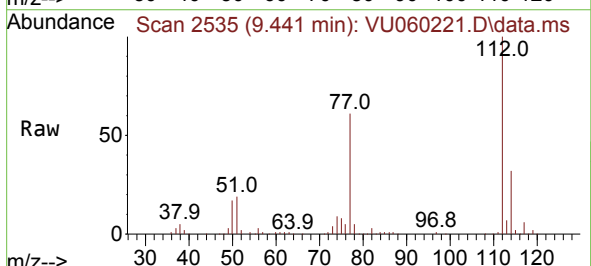
Tgt Ion:112 Resp: 173405

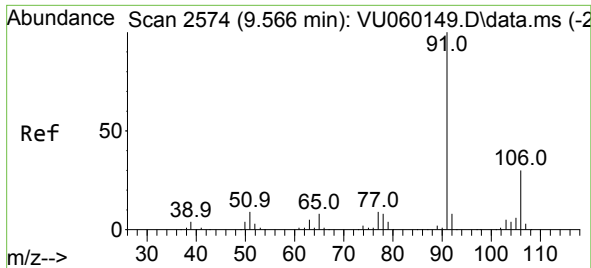
Ion Ratio Lower Upper

112 100

114 32.4 22.1 41.1

77 61.2 44.7 67.1

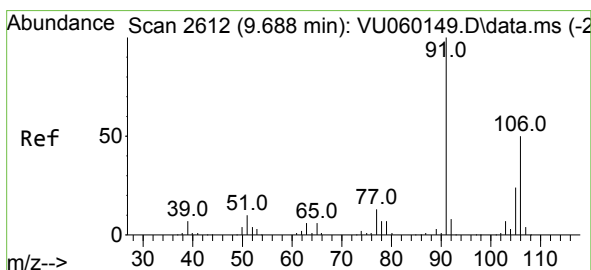
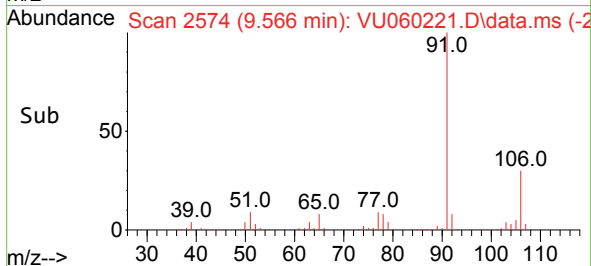
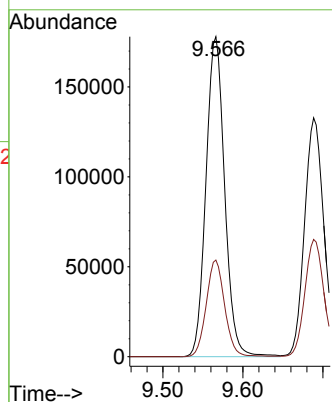
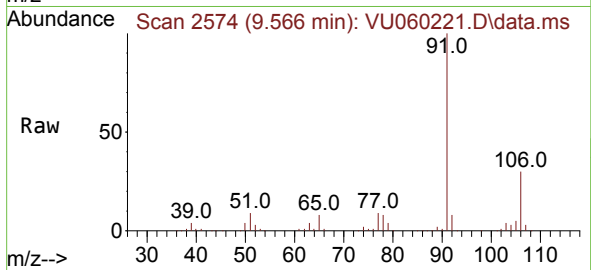




#52
Ethylbenzene
Concen: 4.950 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU060221.D
Acq: 26 Jul 2024 13:31

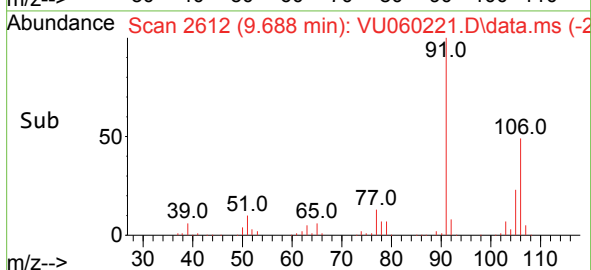
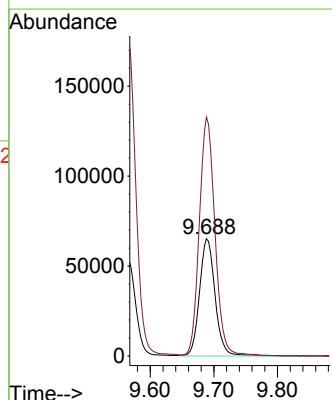
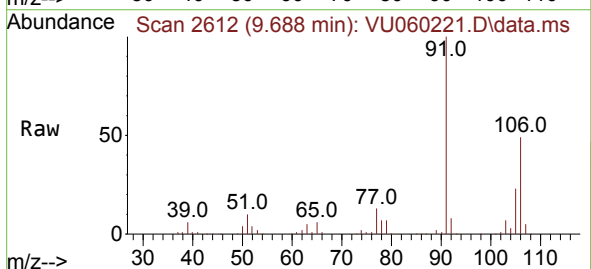
Instrument :
MSVOA_U
ClientSampleId :

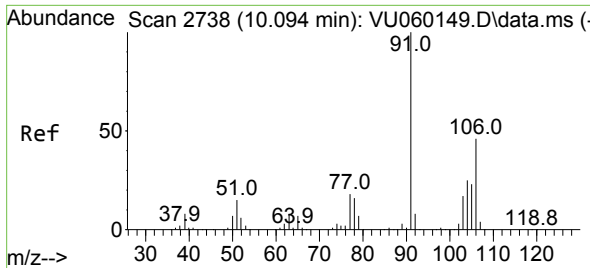
Tgt Ion: 91 Resp: 289139
Ion Ratio Lower Upper
91 100
106 30.2 21.9 40.7



#53
m,p-Xylene
Concen: 4.894 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU060221.D
Acq: 26 Jul 2024 13:31

Tgt Ion: 106 Resp: 110437
Ion Ratio Lower Upper
106 100
91 203.8 141.3 262.5

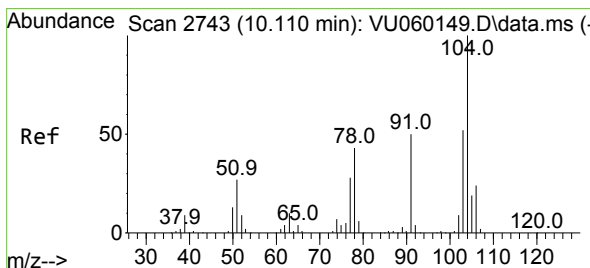
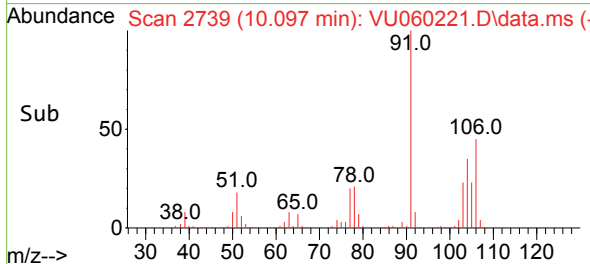
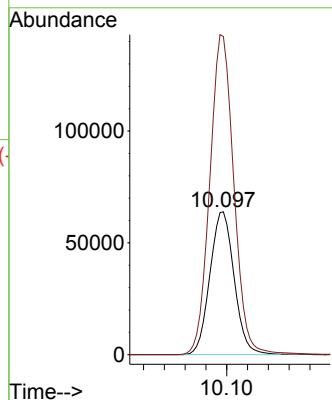
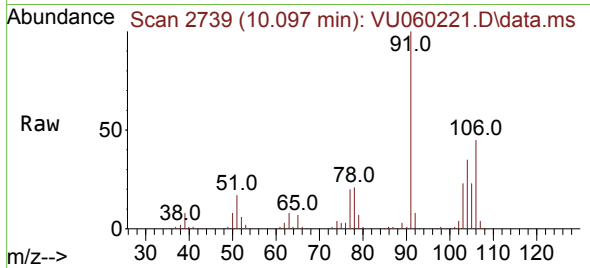




#54
o-Xylene
Concen: 4.800 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU060221.D
Acq: 26 Jul 2024 13:31

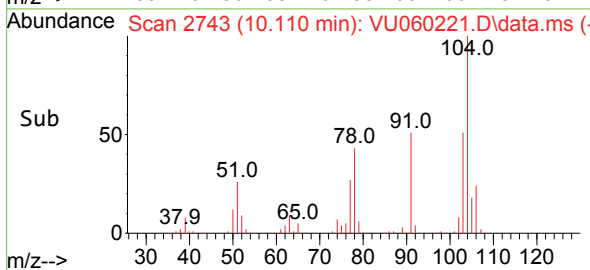
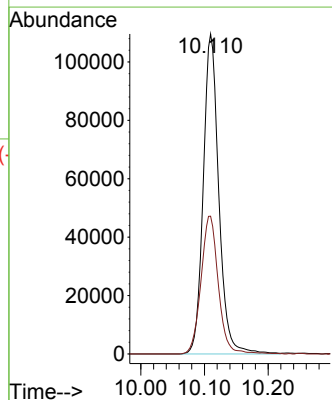
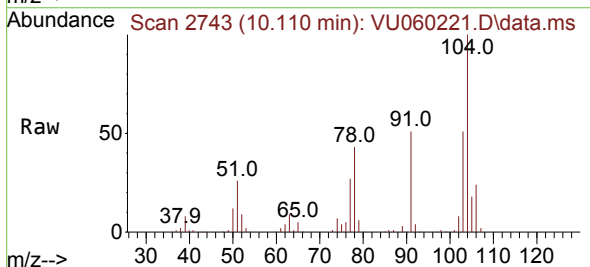
Instrument :
MSVOA_U
ClientSampleId :

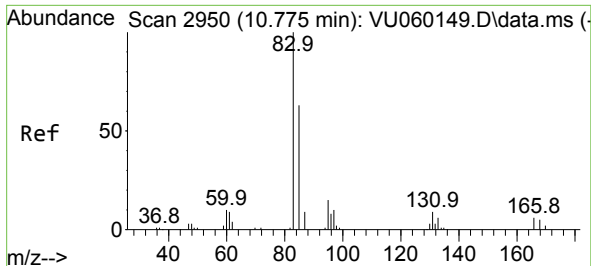
Tgt Ion:106 Resp: 103580
Ion Ratio Lower Upper
106 100
91 222.7 143.6 266.6



#55
Styrene
Concen: 5.072 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU060221.D
Acq: 26 Jul 2024 13:31

Tgt Ion:104 Resp: 186295
Ion Ratio Lower Upper
104 100
78 43.1 31.4 58.4

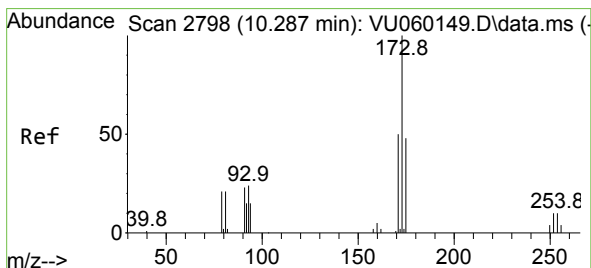
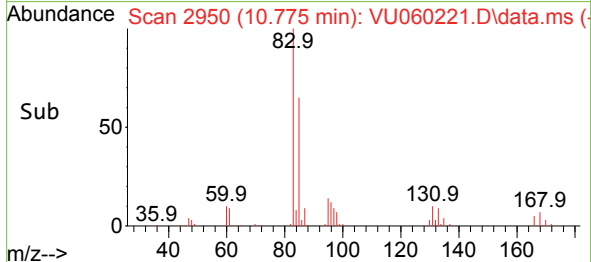
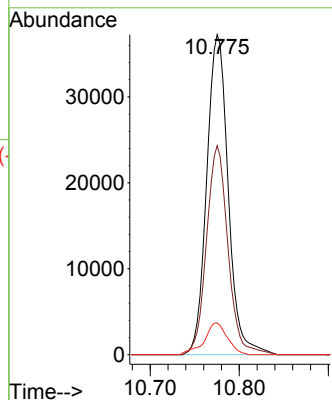
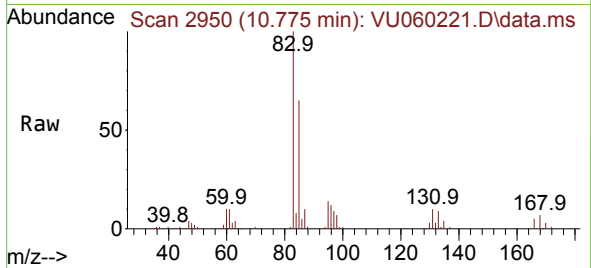




#57
1,1,2,2-Tetrachloroethane
Concen: 4.494 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU060221.D
Acq: 26 Jul 2024 13:31

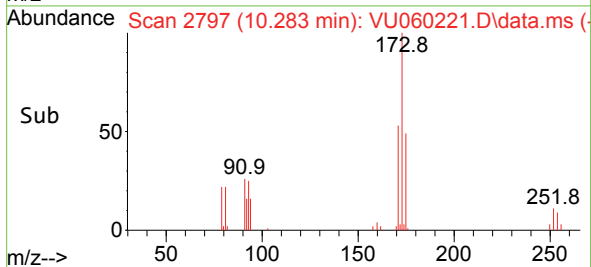
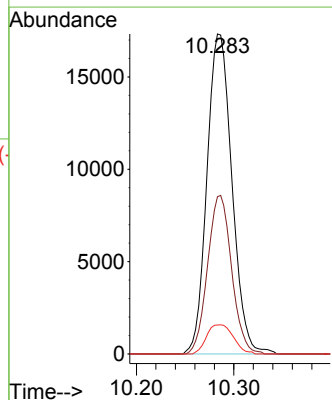
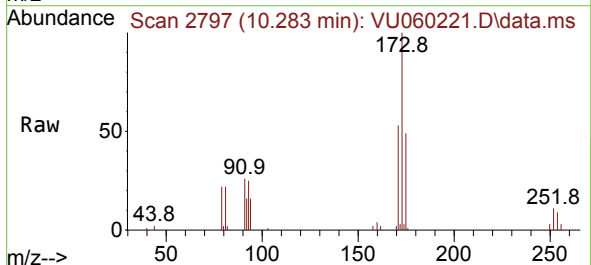
Instrument :
MSVOA_U
ClientSampleId :

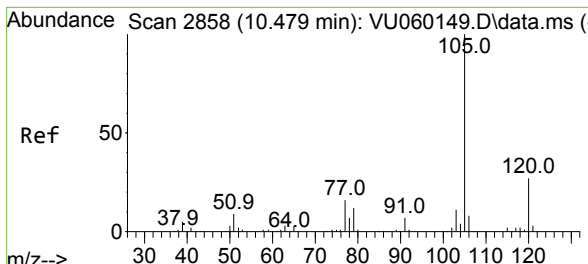
Tgt Ion: 83 Resp: 62463
Ion Ratio Lower Upper
83 100
85 65.3 46.8 87.0
131 9.9 7.8 11.6



#59
Bromoform
Concen: 4.102 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. -0.003 min
Lab File: VU060221.D
Acq: 26 Jul 2024 13:31

Tgt Ion:173 Resp: 30850
Ion Ratio Lower Upper
173 100
175 47.6 38.7 58.1
254 9.8 9.0 13.4



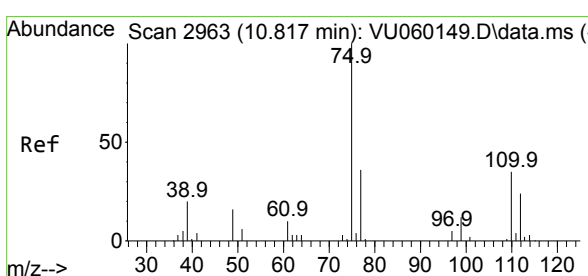
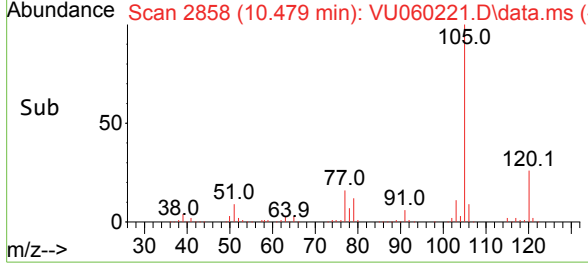
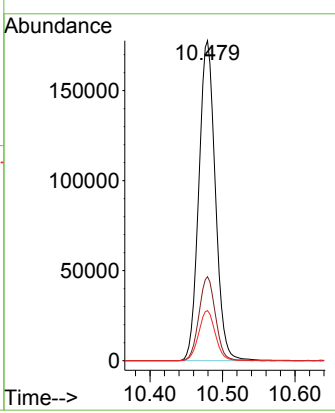
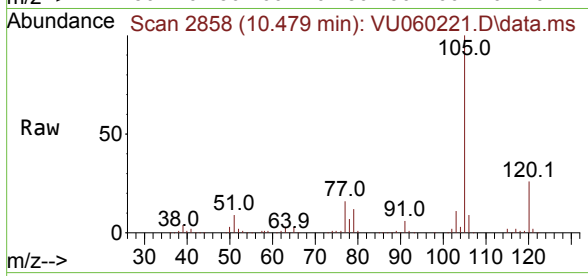


#60
 Isopropylbenzene
 Concen: 5.182 ug/L
 RT: 10.479 min Scan# 2858
 Delta R.T. -0.000 min
 Lab File: VU060221.D
 Acq: 26 Jul 2024 13:31

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 105 Resp: 280528

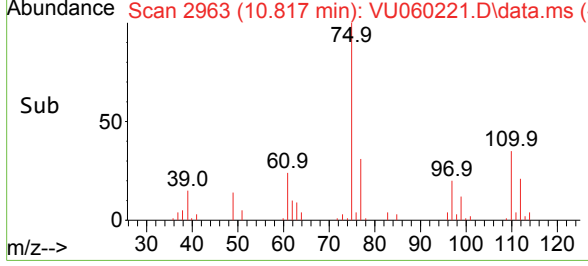
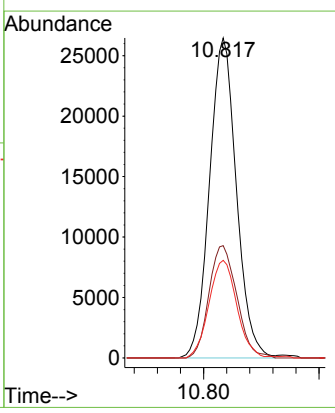
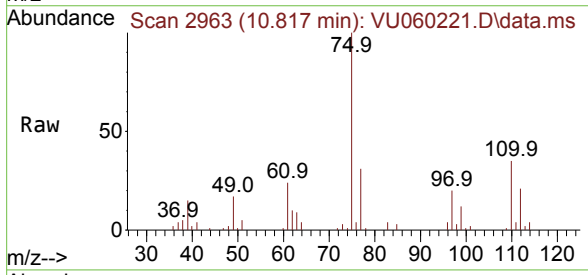
Ion	Ratio	Lower	Upper
105	100		
120	26.3	21.9	32.9
77	15.8	12.1	18.1

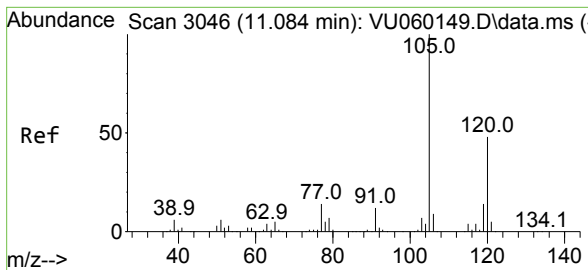


#61
 1,2,3-Trichloropropane
 Concen: 4.888 ug/L
 RT: 10.817 min Scan# 2963
 Delta R.T. -0.000 min
 Lab File: VU060221.D
 Acq: 26 Jul 2024 13:31

Tgt Ion: 75 Resp: 42645

Ion	Ratio	Lower	Upper
75	100		
110	36.5	30.8	46.2
77	31.6	26.2	39.2

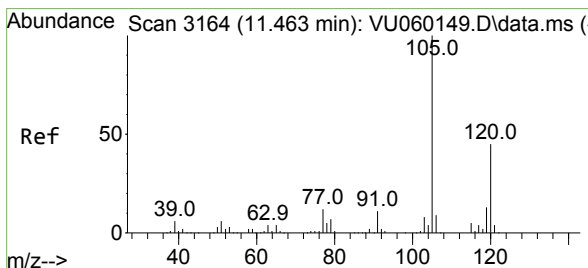
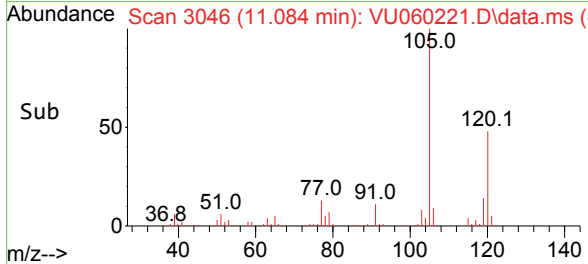
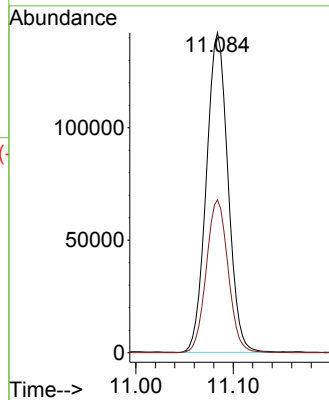
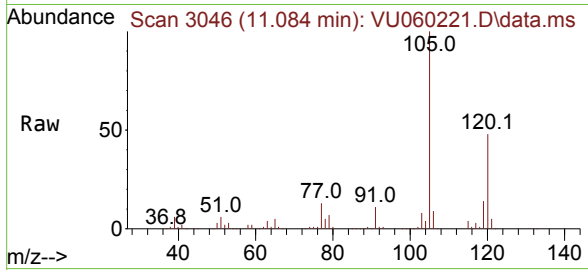




#62
1,3,5-Trimethylbenzene
Concen: 5.316 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU060221.D
Acq: 26 Jul 2024 13:31

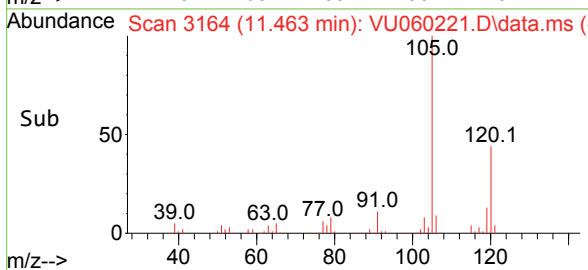
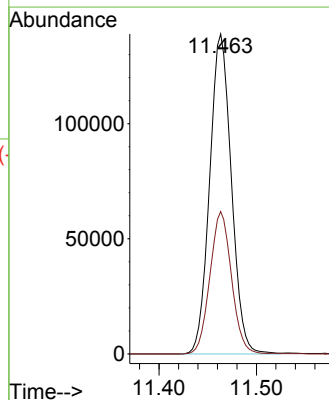
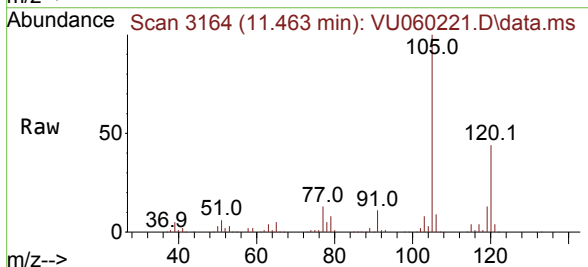
Instrument :
MSVOA_U
ClientSampleId :

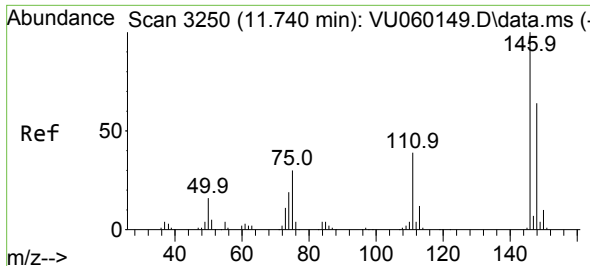
Tgt Ion:105 Resp: 219832
Ion Ratio Lower Upper
105 100
120 48.3 39.4 59.2



#63
1,2,4-Trimethylbenzene
Concen: 5.376 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU060221.D
Acq: 26 Jul 2024 13:31

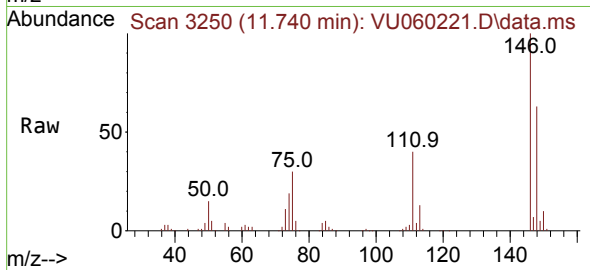
Tgt Ion:105 Resp: 214851
Ion Ratio Lower Upper
105 100
120 44.2 36.7 55.1



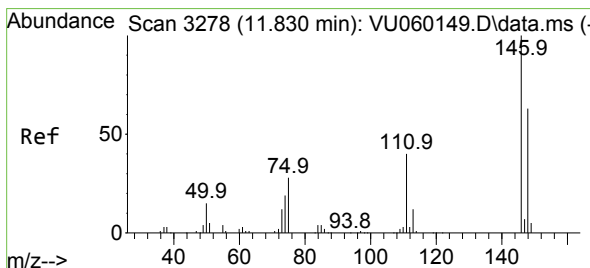
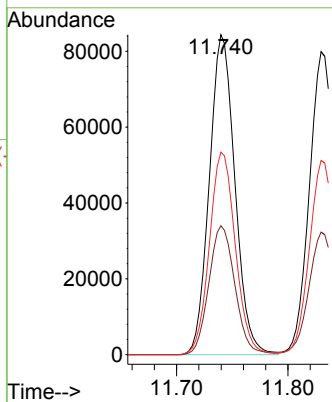
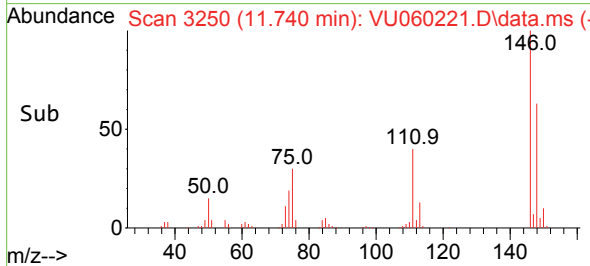


#64
1,3-Dichlorobenzene
Concen: 4.619 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VU060221.D
Acq: 26 Jul 2024 13:31

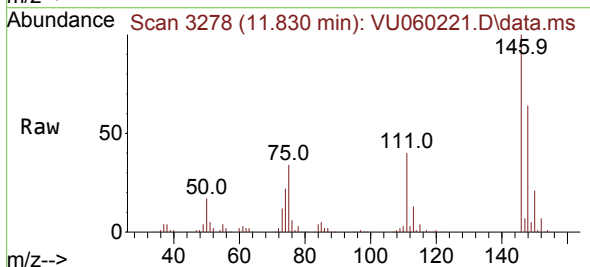
Instrument :
MSVOA_U
ClientSampleId :



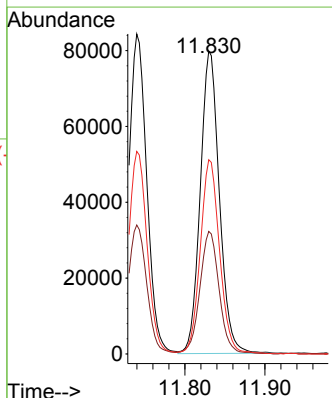
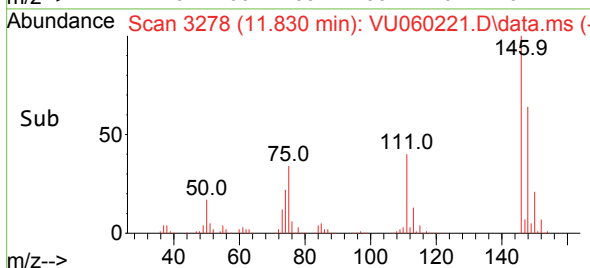
Tgt Ion:146 Resp: 134519
Ion Ratio Lower Upper
146 100
111 40.3 27.2 50.4
148 63.3 44.3 82.3

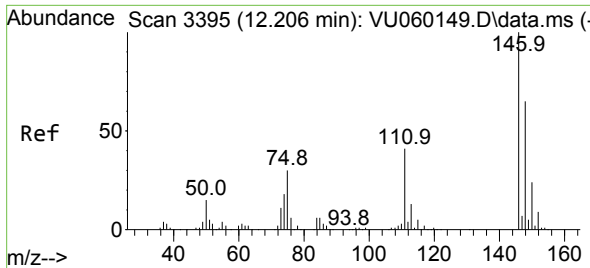


#65
1,4-Dichlorobenzene
Concen: 4.477 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU060221.D
Acq: 26 Jul 2024 13:31



Tgt Ion:146 Resp: 132734
Ion Ratio Lower Upper
146 100
111 40.4 26.5 49.1
148 64.1 45.3 84.1

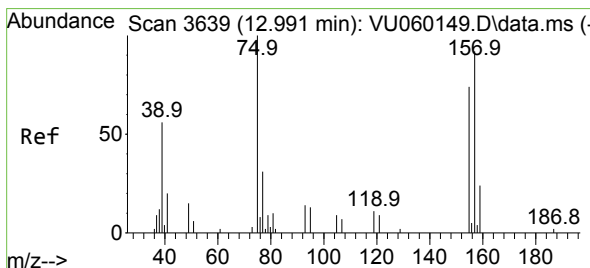
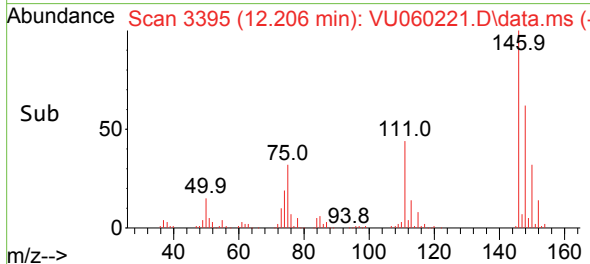
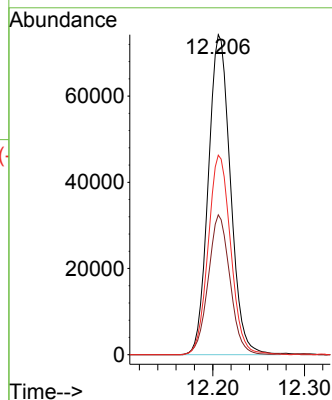
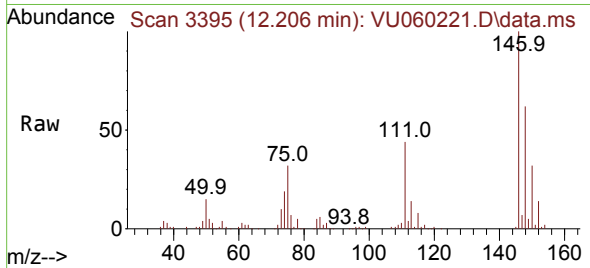




#67
1,2-Dichlorobenzene
Concen: 4.466 ug/L
RT: 12.206 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU060221.D
Acq: 26 Jul 2024 13:31

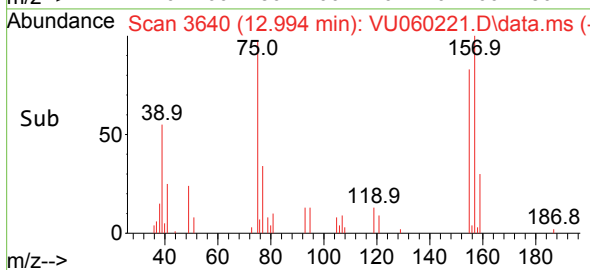
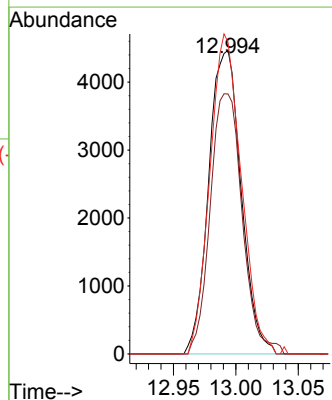
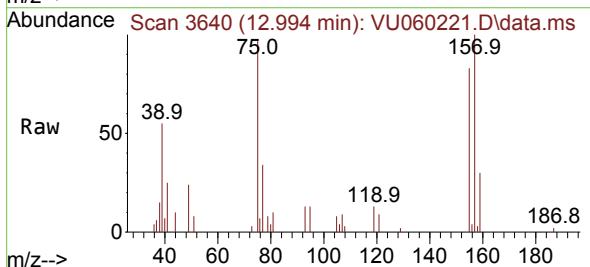
Instrument :
MSVOA_U
ClientSampleId :

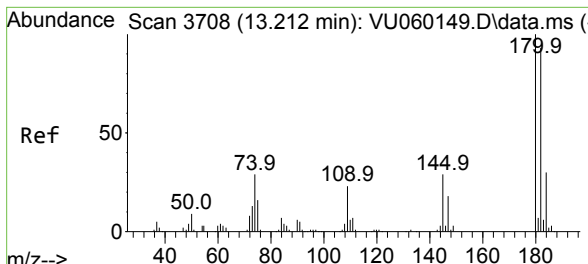
Tgt Ion:146 Resp: 124493
Ion Ratio Lower Upper
146 100
111 43.7 30.9 46.3
148 62.4 49.8 74.8



#68
1,2-Dibromo-3-chloropropane
Concen: 4.750 ug/L
RT: 12.994 min Scan# 3640
Delta R.T. 0.003 min
Lab File: VU060221.D
Acq: 26 Jul 2024 13:31

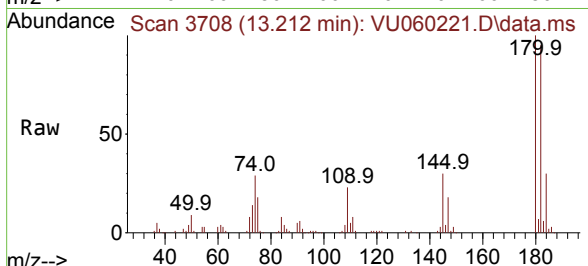
Tgt Ion: 75 Resp: 8077
Ion Ratio Lower Upper
75 100
155 85.7 70.6 105.8
157 102.7 99.4 149.2



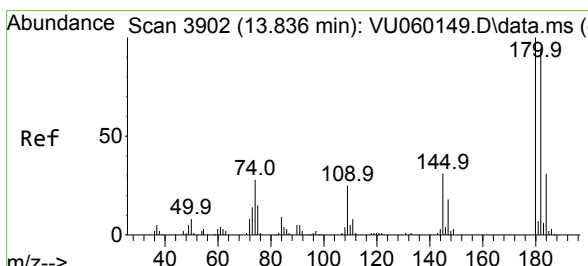
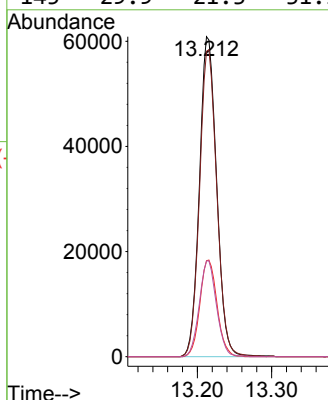
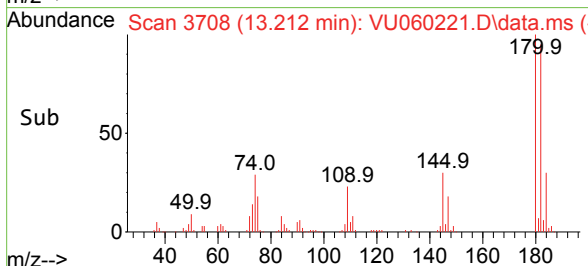


#69
 1,3,5-Trichlorobenzene
 Concen: 4.450 ug/L
 RT: 13.212 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU060221.D
 Acq: 26 Jul 2024 13:31

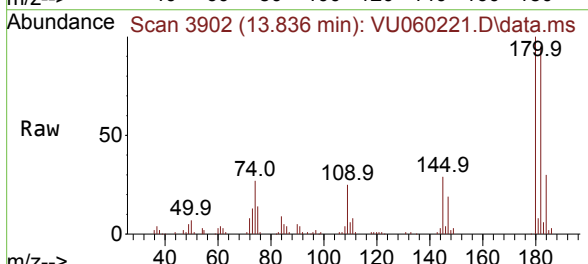
Instrument :
 MSVOA_U
 ClientSampleId :



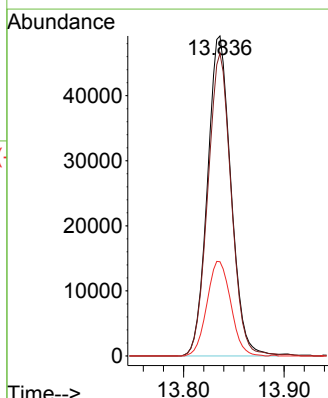
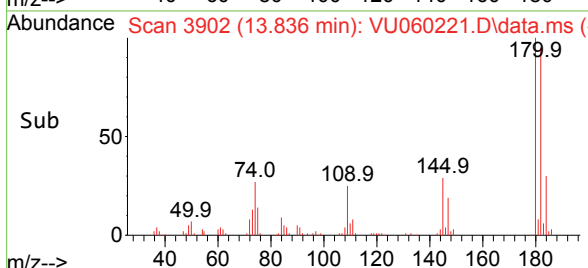
Tgt Ion:180	Resp:	97814
Ion	Ratio	Lower Upper
180	100	
182	96.3	74.6 111.8
184	30.1	23.1 34.7
145	29.9	21.3 31.9

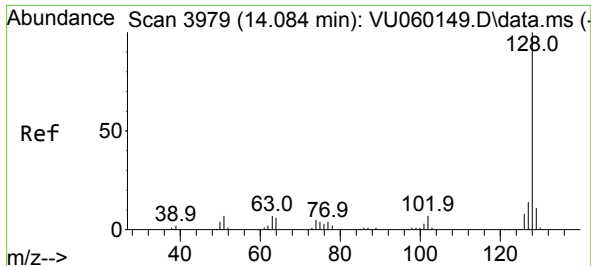


#70
 1,2,4-trichlorobenzene
 Concen: 4.769 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. -0.000 min
 Lab File: VU060221.D
 Acq: 26 Jul 2024 13:31



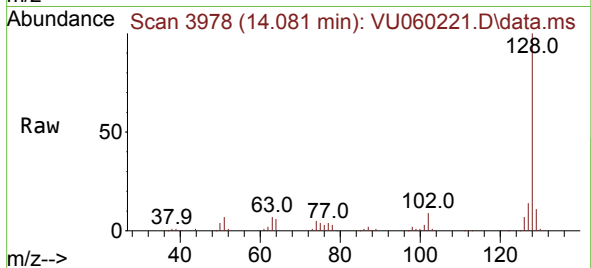
Tgt Ion:180	Resp:	79785
Ion	Ratio	Lower Upper
180	100	
182	94.2	77.2 115.8
145	30.0	23.0 34.4



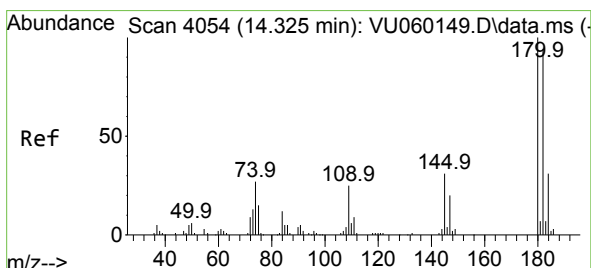
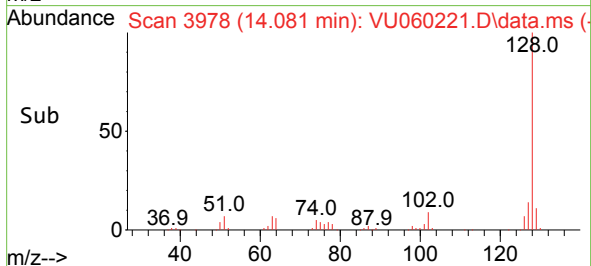
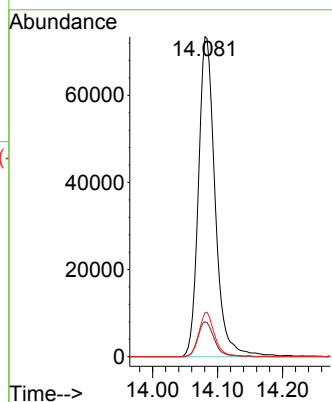


#71
Naphthalene
Concen: 5.538 ug/L
RT: 14.081 min Scan# 3979
Delta R.T. -0.003 min
Lab File: VU060221.D
Acq: 26 Jul 2024 13:31

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 131273
Ion Ratio Lower Upper
128 100
129 10.7 8.2 12.4
127 13.1 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 4.727 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU060221.D
Acq: 26 Jul 2024 13:31

Tgt Ion:180 Resp: 71114
Ion Ratio Lower Upper
180 100
182 95.8 76.3 114.5
145 31.9 23.9 35.9

