

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU073124\
 Data File : VU060278.D
 Acq On : 31 Jul 2024 12:49
 Operator : MD/SY
 Sample : P3391-05
 Misc : 5.00g/5.0mL//100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 01 01:10:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 01 00:19:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	221785	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	228278	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	91671	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	88906	62.433	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 124.860%	
7) Chloroethane-d5	1.901	69	66261	55.320	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 110.640%	
11) 1,1-Dichloroethene-d2	2.557	63	100419	39.694	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 79.380%	
21) 2-Butanone-d5	4.611	46	114071	115.266	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 115.270%	
24) Chloroform-d	5.052	84	135858	49.266	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 98.540%	
26) 1,2-Dichloroethane-d4	5.692	65	82445	50.282	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 100.560%	
32) Benzene-d6	5.717	84	274311	46.927	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 93.860%	
36) 1,2-Dichloropropane-d6	6.682	67	94200	52.068	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 104.140%	
41) Toluene-d8	7.891	98	230525	41.469	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 82.940%	
43) trans-1,3-Dichloroprop...	8.174	79	39125	46.215	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 92.440%	
47) 2-Hexanone-d5	8.627	63	66037	86.610	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 86.610%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	136804	49.266	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 98.540%	
66) 1,2-Dichlorobenzene-d4	12.190	152	80805	47.969	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 95.940%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	3108	2.256	ug/L	95
3) Chloromethane	1.518	50	4230	3.130	ug/L	92
5) Vinyl chloride	1.602	62	4554	2.870	ug/L #	73
6) Bromomethane	1.843	94	2536	3.043	ug/L	82
8) Chloroethane	1.923	64	2738	2.651	ug/L	96
9) Trichlorofluoromethane	2.129	101	5308	2.403	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	4529	3.221	ug/L #	77
12) 1,1-Dichloroethene	2.566	96	4246	3.229	ug/L #	1
13) Acetone	2.621	43	4975	4.882	ug/L	99
14) Carbon disulfide	2.788	76	7435	2.240	ug/L	96
15) Methyl Acetate	2.949	43	4431	2.884	ug/L #	85
16) Methylene chloride	3.036	84	6053	3.650	ug/L	92
17) trans-1,2-Dichloroethene	3.348	96	1797	1.327	ug/L	95
18) Methyl tert-butyl Ether	3.354	73	10962	2.493	ug/L	99
19) 1,1-Dichloroethane	3.856	63	7278	2.834	ug/L	96
20) cis-1,2-Dichloroethene	4.663	96	4323	2.637	ug/L	90
22) 2-Butanone	4.714	43	3307	2.638	ug/L	73
23) Bromochloromethane	4.972	128	2161	2.499	ug/L	94
25) Chloroform	5.081	83	8037	2.909	ug/L	97

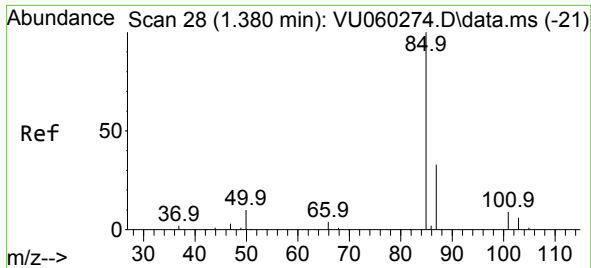
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU073124\
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 Quant Title : VOC Analysis
 QLast Update : Thu Aug 01 00:19:02 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	5778	2.755	ug/L	98
29) Cyclohexane	5.377	56	4076	1.994	ug/L	91
30) 1,1,1-Trichloroethane	5.309	97	5759	2.435	ug/L	99
31) Carbon tetrachloride	5.515	117	4990	2.554	ug/L	96
33) Benzene	5.769	78	16284	2.642	ug/L	100
34) Trichloroethene	6.541	95	4227	2.570	ug/L	84
35) Methylcyclohexane	6.756	83	4475	1.970	ug/L	93
37) 1,2-Dichloropropane	6.788	63	4861	2.865	ug/L #	88
38) Bromodichloromethane	7.103	83	5796	2.696	ug/L #	94
39) cis-1,3-Dichloropropene	7.605	75	6096	2.348	ug/L	97
40) 4-Methyl-2-pentanone	7.788	43	11197	5.221	ug/L	92
42) Toluene	7.968	91	15961	2.372	ug/L	93
44) trans-1,3-Dichloropropene	8.213	75	5651	2.370	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	4793	2.697	ug/L	96
46) Tetrachloroethene	8.550	164	2842	2.100	ug/L	93
48) 2-Hexanone	8.682	43	16099	8.970	ug/L #	75
49) Dibromochloromethane	8.807	129	4680	2.673	ug/L	81
50) 1,2-Dibromoethane	8.920	107	4682	2.520	ug/L	98
51) Chlorobenzene	9.441	112	10912	2.442	ug/L	96
52) Ethylbenzene	9.566	91	14072	1.958	ug/L	94
53) m,p-Xylene	9.692	106	5118	1.829	ug/L	89
54) o-Xylene	10.097	106	5021	1.866	ug/L	96
55) Styrene	10.116	104	7464	1.644	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	8653	2.888	ug/L #	99
59) Bromoform	10.286	173	3568	3.219	ug/L #	95
60) 1,2,3-Trichloropropane	10.817	75	6433	3.698	ug/L	94
61) Isopropylbenzene	10.479	105	11723	2.194	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	7432	1.900	ug/L	98
63) 1,2,4-Trimethylbenzene	11.466	105	7529	1.797	ug/L	96
64) 1,3-Dichlorobenzene	11.746	146	6616	2.387	ug/L	95
65) 1,4-Dichlorobenzene	11.833	146	7577	2.645	ug/L	83
67) 1,2-Dichlorobenzene	12.206	146	7960	2.843	ug/L #	89
68) 1,2-Dibromo-3-chloropr...	12.997	75	1560	3.279	ug/L	89
69) 1,3,5-Trichlorobenzene	13.222	180	4630	2.317	ug/L	96
70) 1,2,4-trichlorobenzene	13.839	180	3605	2.002	ug/L #	92
71) Naphthalene	14.097	128	10857	2.086	ug/L #	95
72) 1,2,3-Trichlorobenzene	14.328	180	3571	1.976	ug/L #	81

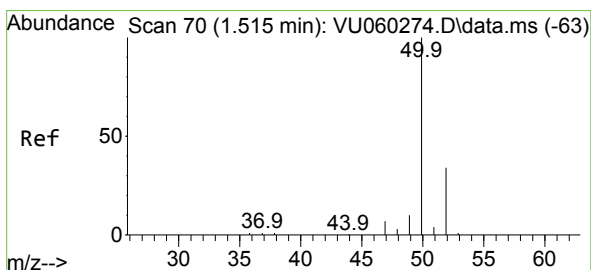
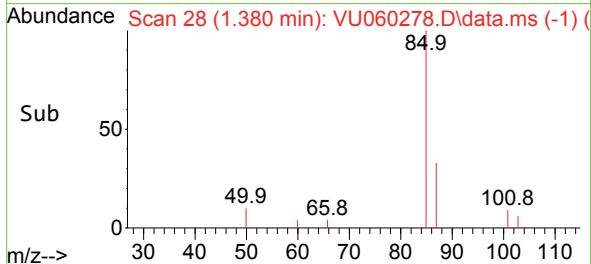
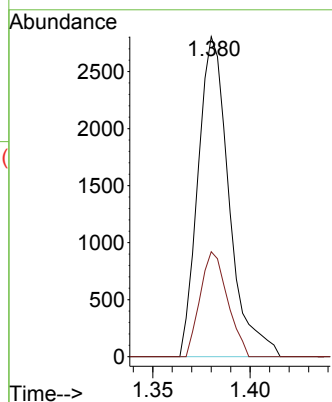
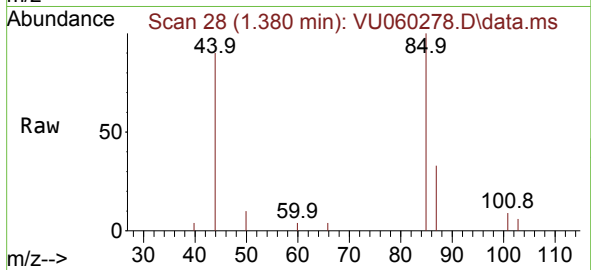
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#2
 Dichlorodifluoromethane
 Concen: 2.256 ug/L
 RT: 1.380 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU060278.D
 Acq: 31 Jul 2024 12:49

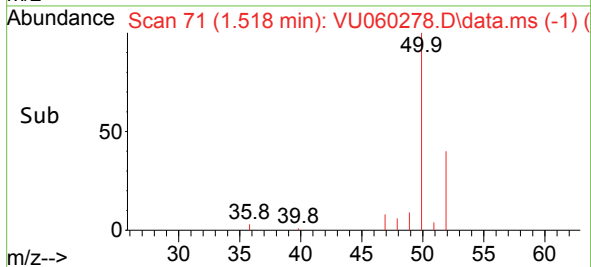
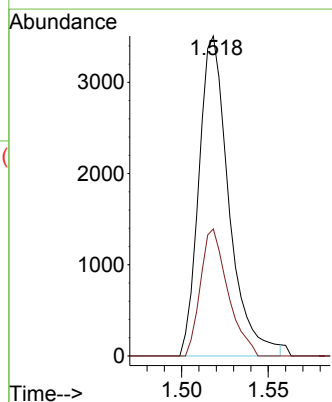
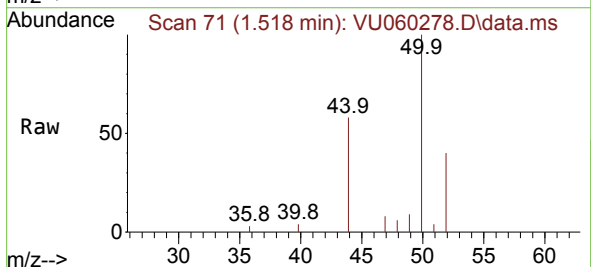
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 MSVOA_U
 ClientSampleId :

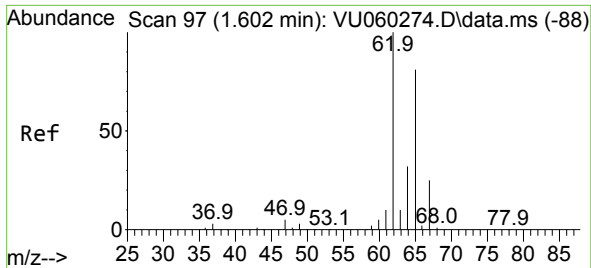
Tgt Ion: 85 Resp: 3108
 Ion Ratio Lower Upper
 85 100
 87 28.8 25.4 38.2



#3
 Chloromethane
 Concen: 3.130 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU060278.D
 Acq: 31 Jul 2024 12:49

Tgt Ion: 50 Resp: 4230
 Ion Ratio Lower Upper
 50 100
 52 39.7 24.5 45.5

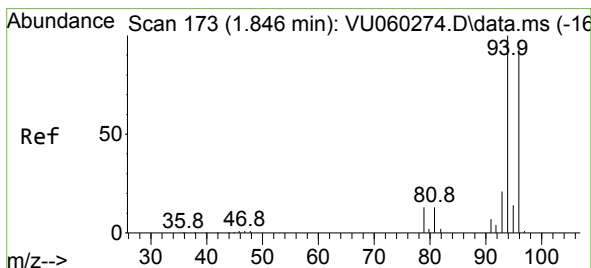
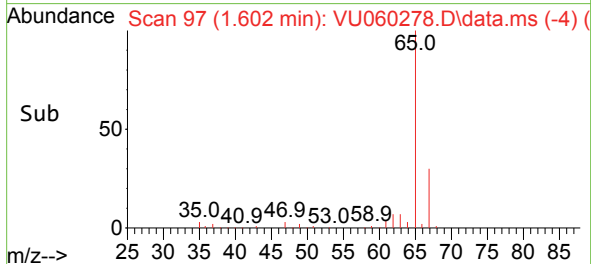
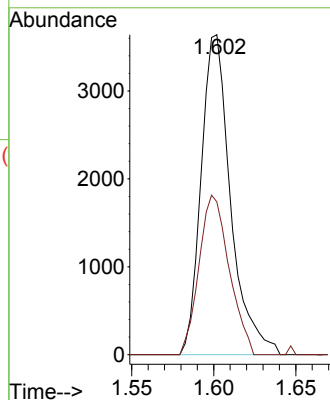
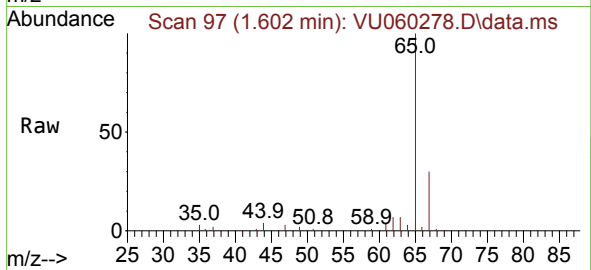




#5
 Vinyl chloride
 Concen: 2.870 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU060278.D
 Acq: 31 Jul 2024 12:49

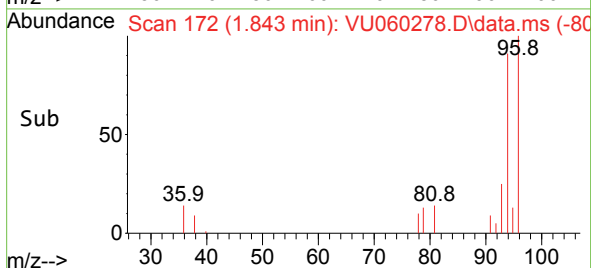
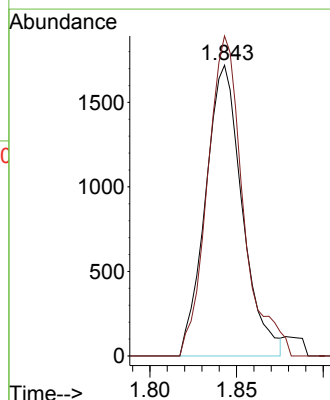
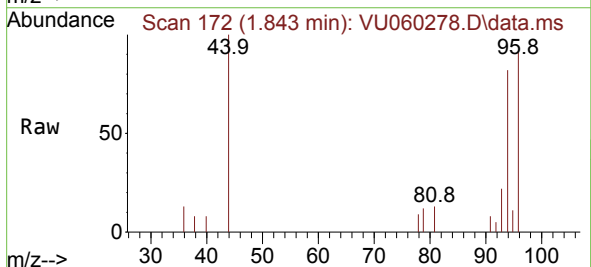
Instrument :
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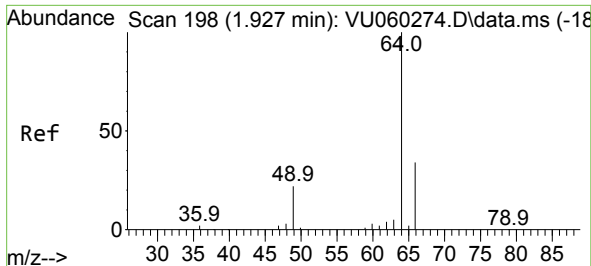
Tgt Ion: 62 Resp: 4554
 Ion Ratio Lower Upper
 62 100
 64 47.8 22.9 42.5#



#6
 Bromomethane
 Concen: 3.043 ug/L
 RT: 1.843 min Scan# 172
 Delta R.T. -0.003 min
 Lab File: VU060278.D
 Acq: 31 Jul 2024 12:49

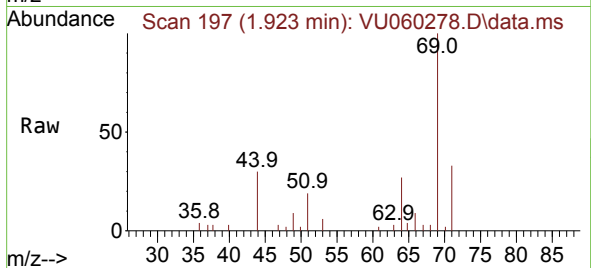
Tgt Ion: 94 Resp: 2536
 Ion Ratio Lower Upper
 94 100
 96 110.1 65.2 121.2



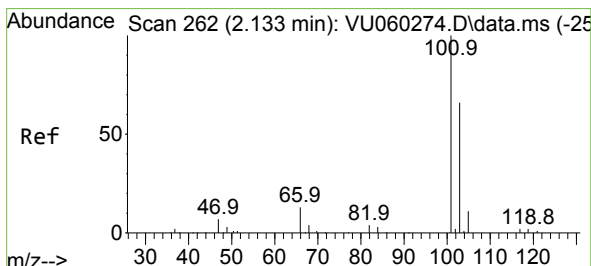
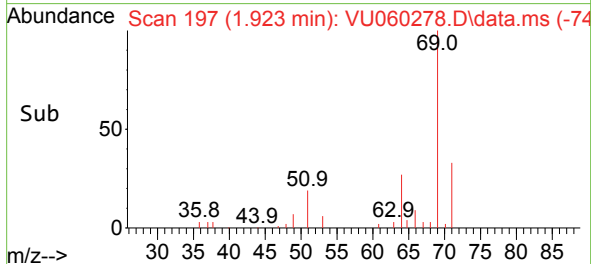
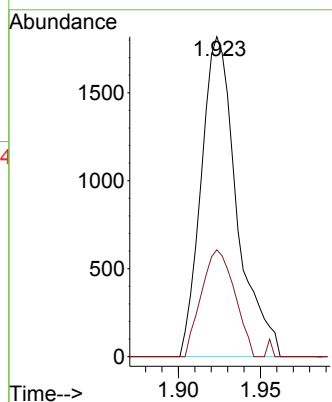


#8
Chloroethane
Concen: 2.651 ug/L
RT: 1.923 min Scan# 198
Delta R.T. -0.003 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

Instrument :
MSVOA_U
ClientSampleId :

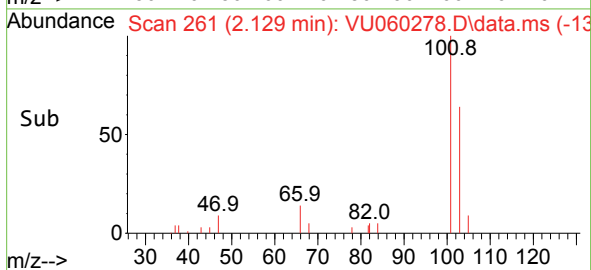
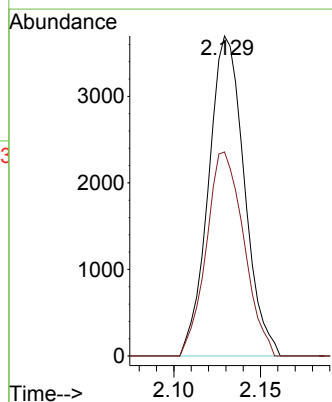
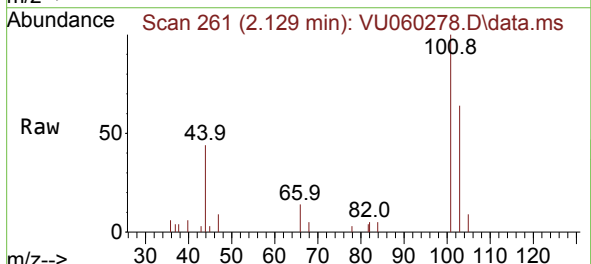


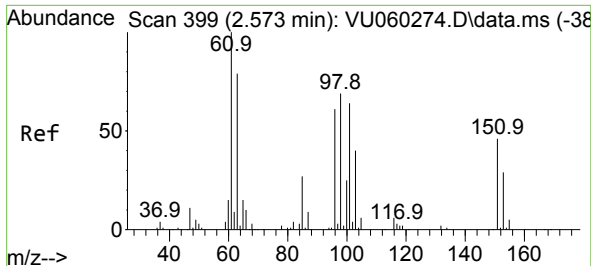
Tgt Ion: 64 Resp: 2738
Ion Ratio Lower Upper
64 100
66 29.4 22.3 41.3



#9
Trichlorofluoromethane
Concen: 2.403 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.003 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

Tgt Ion: 101 Resp: 5308
Ion Ratio Lower Upper
101 100
103 66.7 52.3 78.5

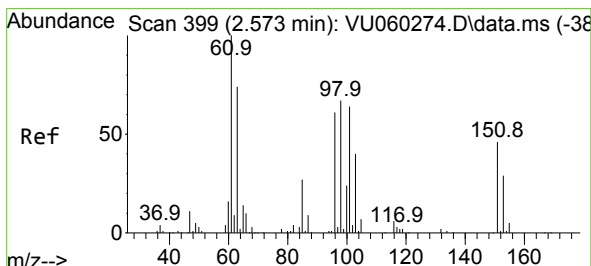
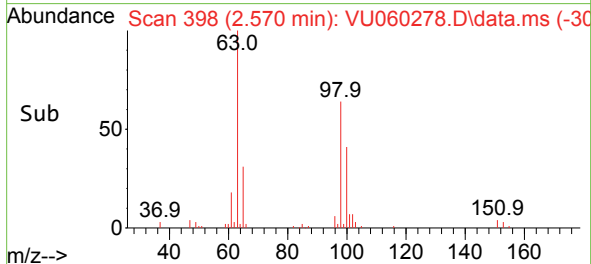
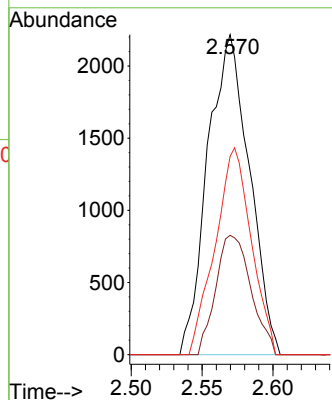
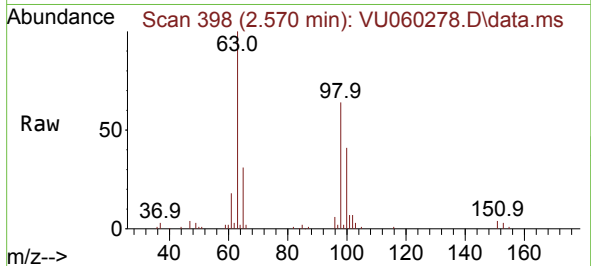




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.221 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

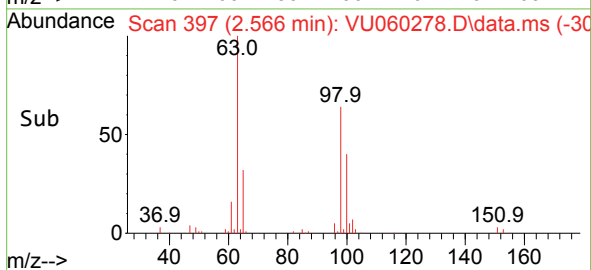
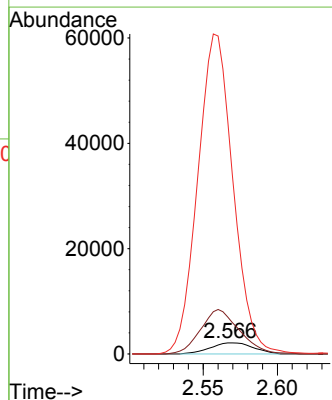
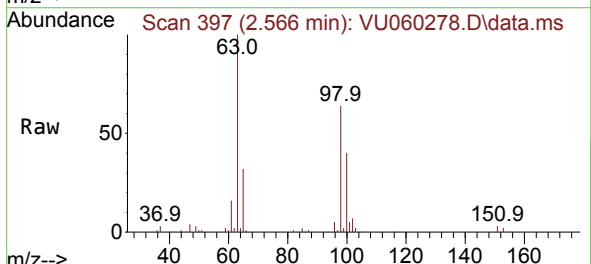
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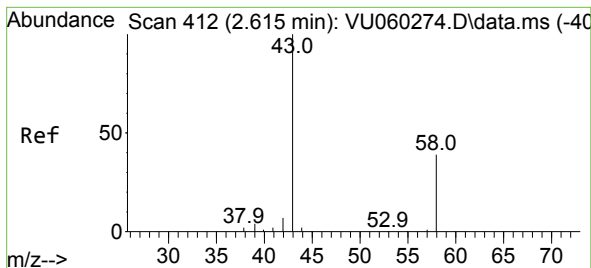
Tgt Ion:101 Resp: 4529
Ion Ratio Lower Upper
101 100
85 31.6 34.8 52.2#
151 56.2 62.3 93.5#



#12
1,1-Dichloroethene
Concen: 3.229 ug/L
RT: 2.566 min Scan# 397
Delta R.T. -0.007 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

Tgt Ion: 96 Resp: 4246
Ion Ratio Lower Upper
96 100
61 335.4 112.2 208.4#
63 2123.5 87.4 162.2#





#13

Acetone

Concen: 4.882 ug/L

RT: 2.621 min Scan# 412

Delta R.T. 0.006 min

Lab File: VU060278.D

Acq: 31 Jul 2024 12:49

Instrument :

MSVOA_U

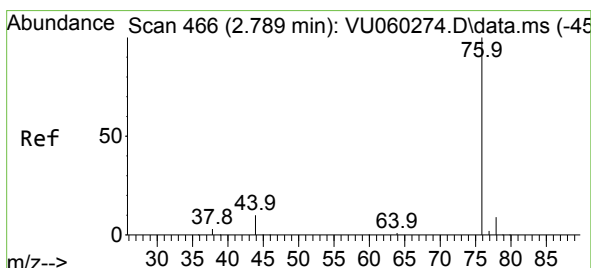
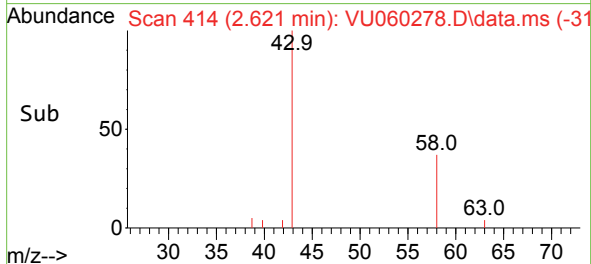
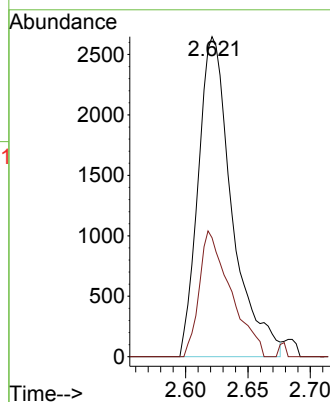
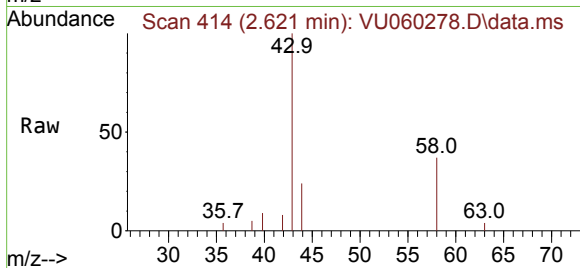
ClientSampleId :

Tgt Ion: 43 Resp: 4975

Ion Ratio Lower Upper

43 100

58 36.6 0.0 73.8



#14

Carbon disulfide

Concen: 2.240 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU060278.D

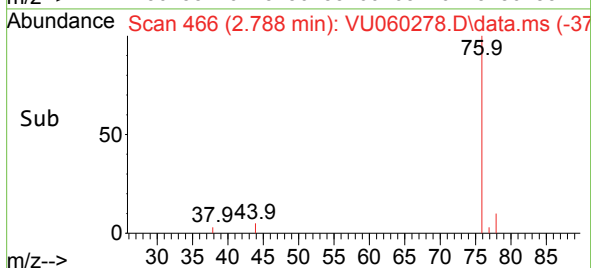
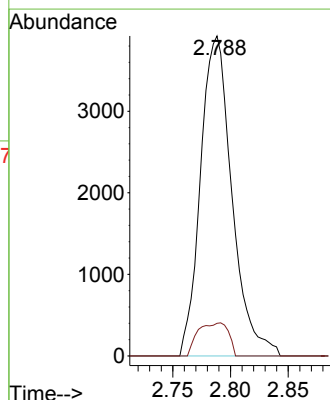
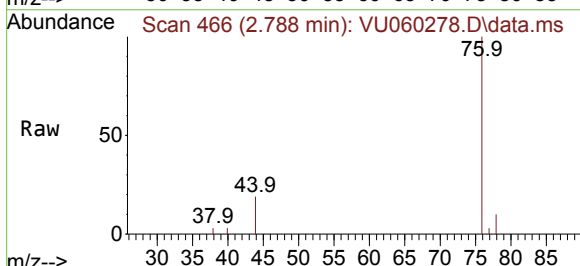
Acq: 31 Jul 2024 12:49

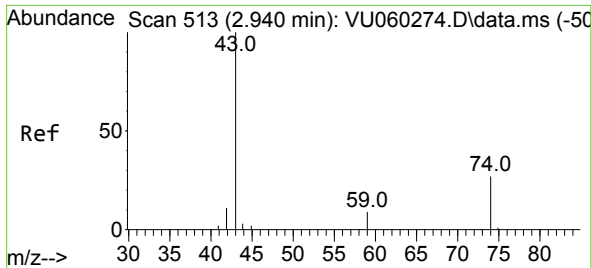
Tgt Ion: 76 Resp: 7435

Ion Ratio Lower Upper

76 100

78 10.2 7.0 10.4

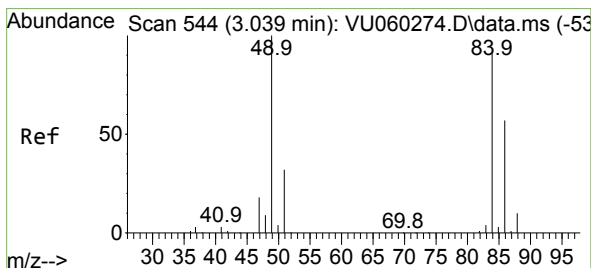
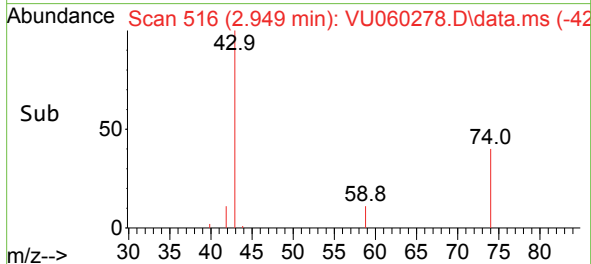
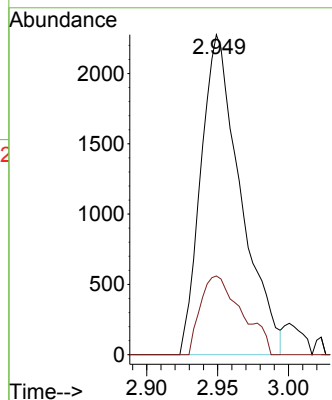
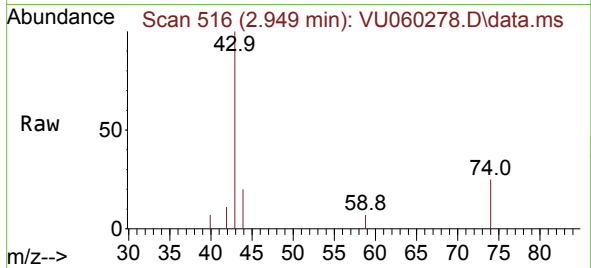




#15
Methyl Acetate
Concen: 2.884 ug/L
RT: 2.949 min Scan# 513
Delta R.T. 0.009 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

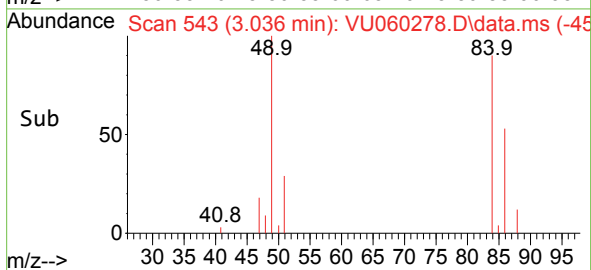
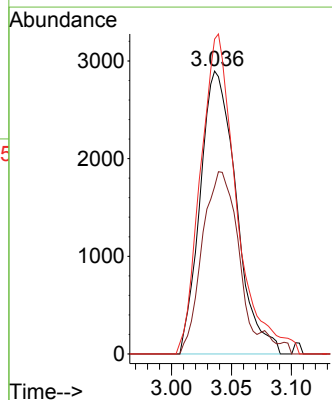
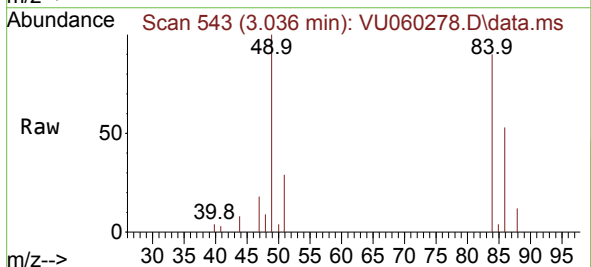
Instrument :
MSVOA_U
ClientSampleId :

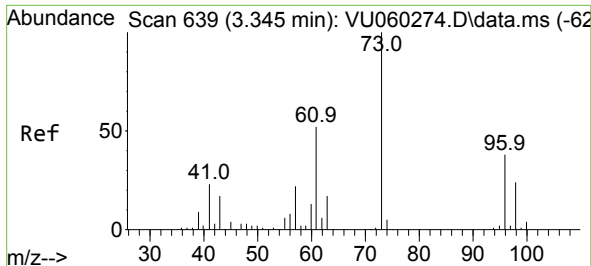
Tgt Ion: 43 Resp: 4431
Ion Ratio Lower Upper
43 100
74 22.2 24.1 36.1#



#16
Methylene chloride
Concen: 3.650 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

Tgt Ion: 84 Resp: 6053
Ion Ratio Lower Upper
84 100
86 59.2 44.7 83.1
49 111.3 71.6 133.0

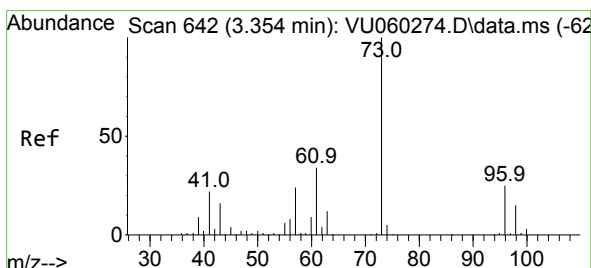
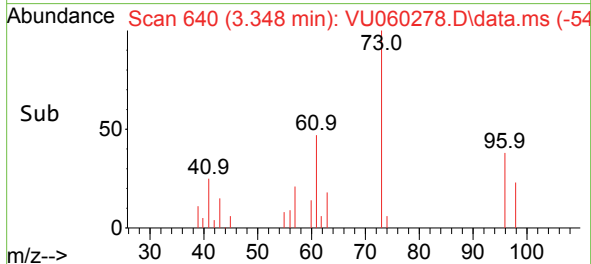
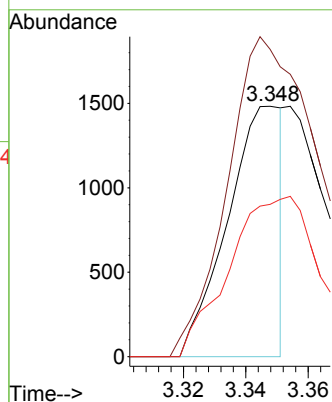
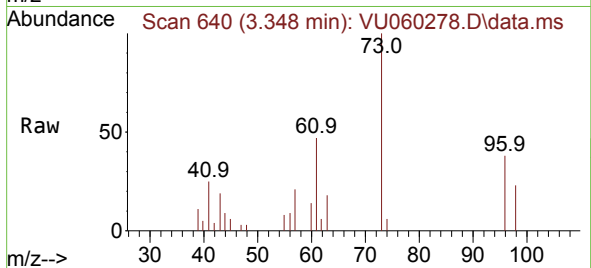




#17
trans-1,2-Dichloroethene
Concen: 1.327 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

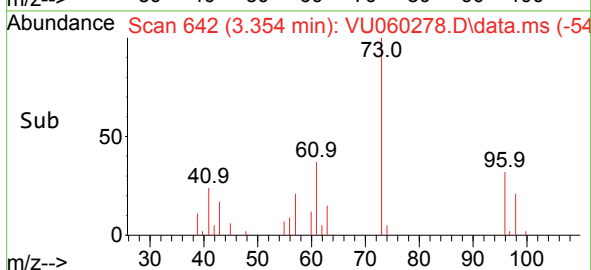
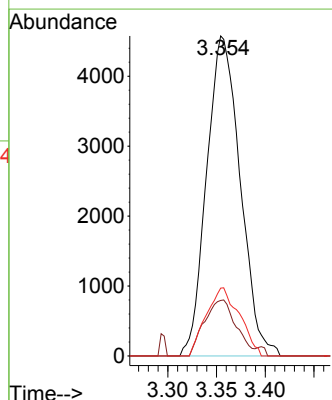
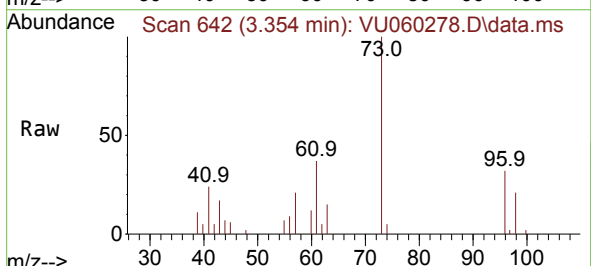
Instrument :
MSVOA_U
ClientSampleId :

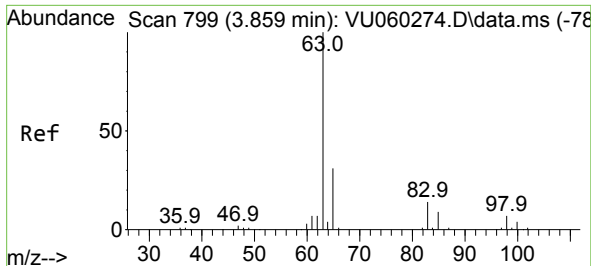
Tgt Ion: 96 Resp: 1797
Ion Ratio Lower Upper
96 100
61 122.7 90.6 168.3
98 60.8 44.9 83.3



#18
Methyl tert-butyl Ether
Concen: 2.493 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

Tgt Ion: 73 Resp: 10962
Ion Ratio Lower Upper
73 100
43 16.7 14.1 21.1
57 21.1 17.1 25.7





#19

1,1-Dichloroethane

Concen: 2.834 ug/L

RT: 3.856 min Scan# 799

Delta R.T. -0.003 min

Lab File: VU060278.D

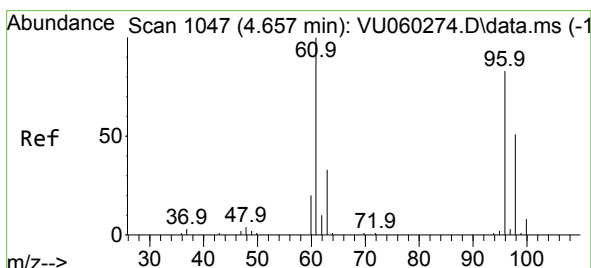
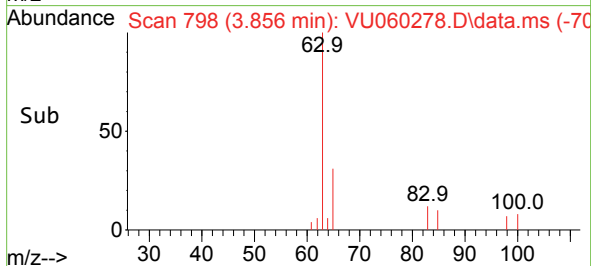
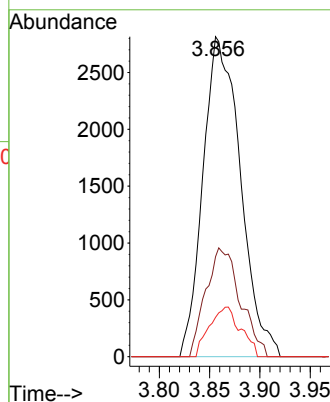
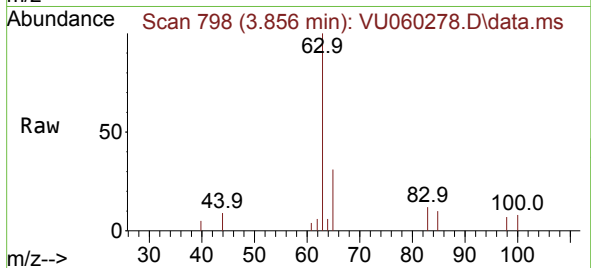
Acq: 31 Jul 2024 12:49

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	7278
Ion	Ratio	Lower	Upper
63	100		
65	31.3	23.3	43.3
83	12.3	9.8	18.2



#20

cis-1,2-Dichloroethene

Concen: 2.637 ug/L

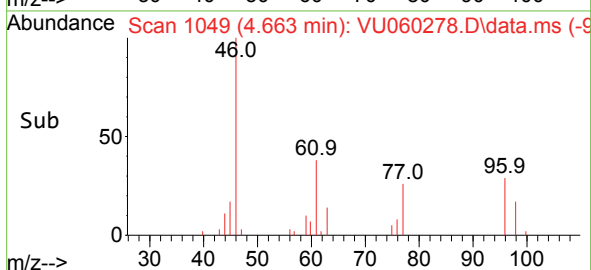
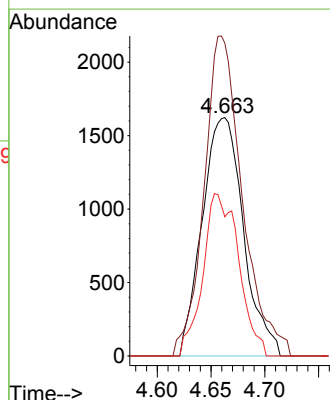
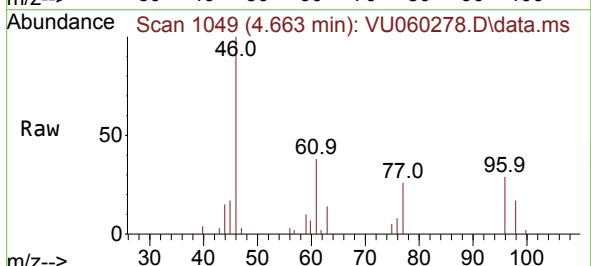
RT: 4.663 min Scan# 1049

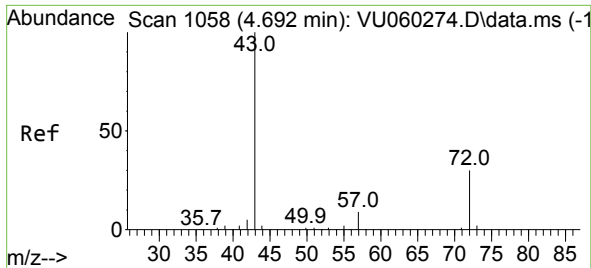
Delta R.T. 0.006 min

Lab File: VU060278.D

Acq: 31 Jul 2024 12:49

Tgt Ion:	96	Resp:	4323
Ion	Ratio	Lower	Upper
96	100		
61	131.2	83.2	154.4
98	58.4	45.9	85.3

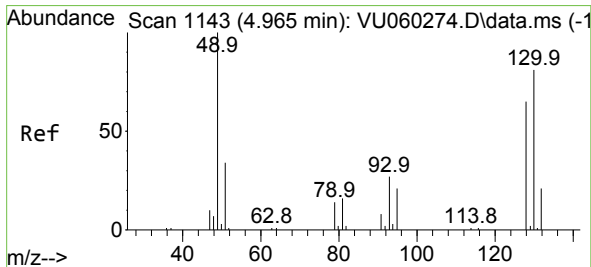
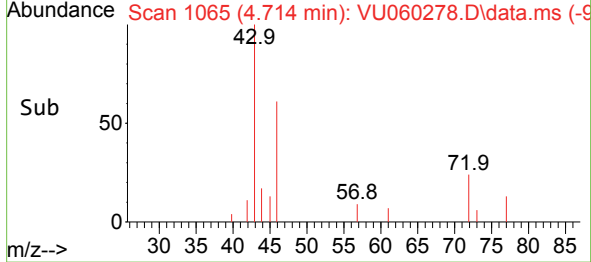
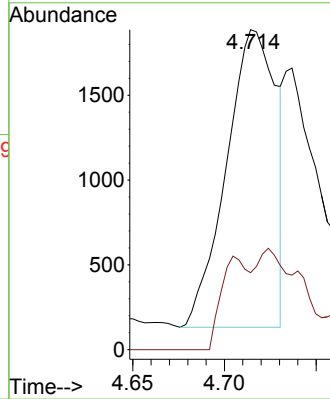
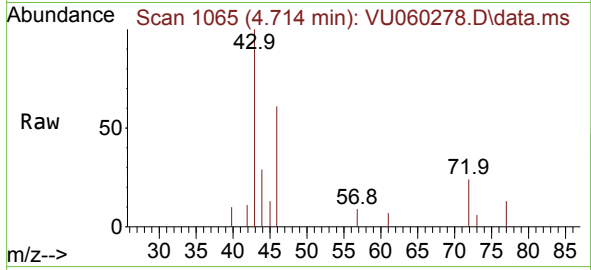




#22
2-Butanone
Concen: 2.638 ug/L
RT: 4.714 min Scan# 1065
Delta R.T. 0.022 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

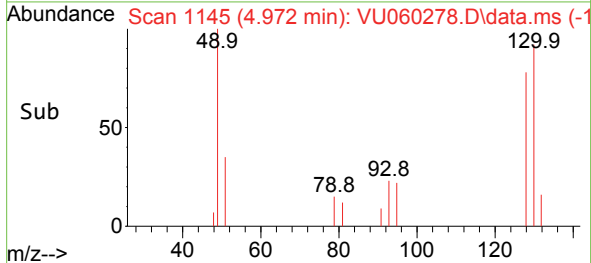
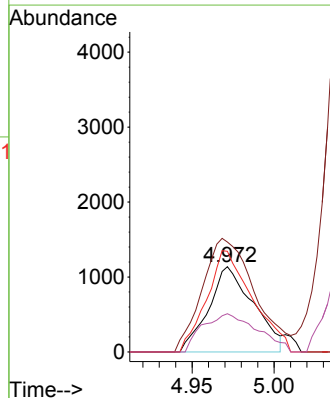
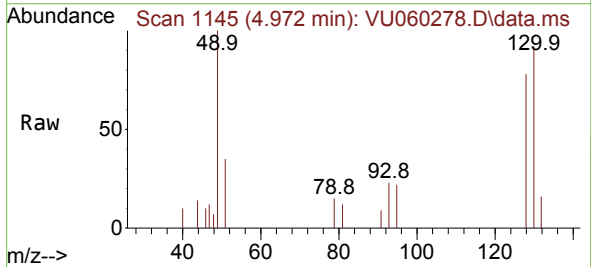
Instrument :
MSVOA_U
ClientSampleId :

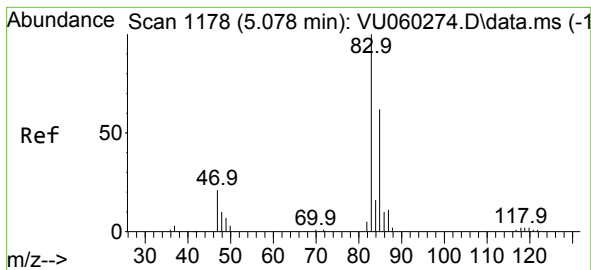
Tgt Ion: 43 Resp: 3307
Ion Ratio Lower Upper
43 100
72 17.7 16.4 49.2



#23
Bromochloromethane
Concen: 2.499 ug/L
RT: 4.972 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

Tgt Ion:128 Resp: 2161
Ion Ratio Lower Upper
128 100
49 128.9 96.7 179.7
130 118.0 86.3 160.3
51 44.9 34.1 51.1





#25

Chloroform

Concen: 2.909 ug/L

RT: 5.081 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU060278.D

Acq: 31 Jul 2024 12:49

Instrument :

MSVOA_U

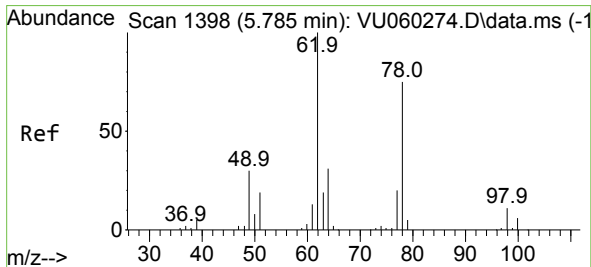
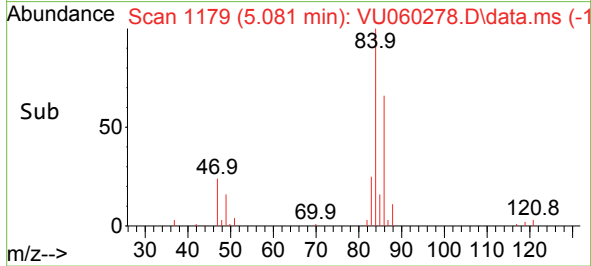
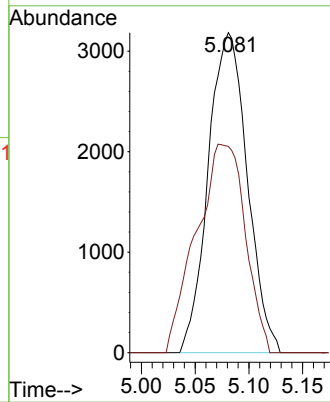
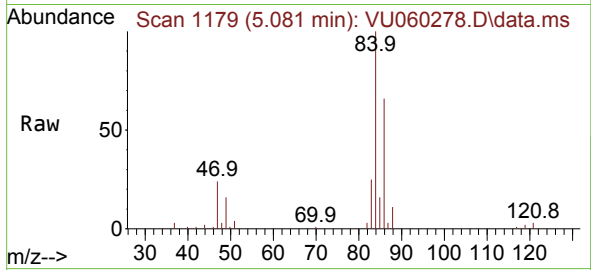
ClientSampleId :

Tgt Ion: 83 Resp: 8037

Ion Ratio Lower Upper

83 100

85 64.4 46.7 86.7



#27

1,2-Dichloroethane

Concen: 2.755 ug/L

RT: 5.791 min Scan# 1400

Delta R.T. 0.006 min

Lab File: VU060278.D

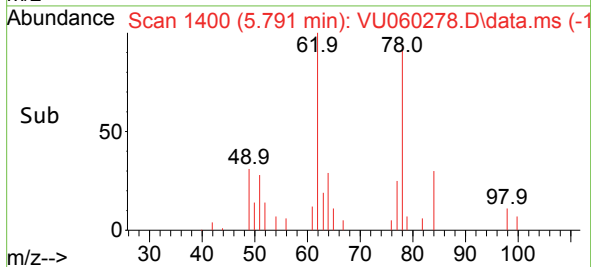
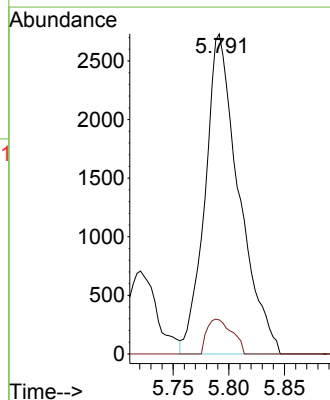
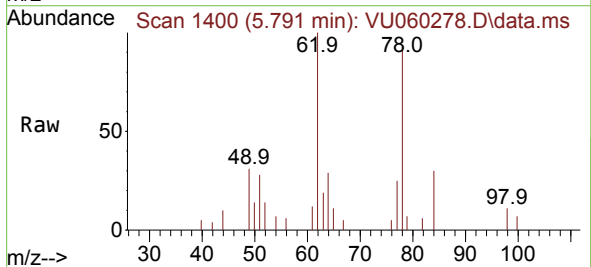
Acq: 31 Jul 2024 12:49

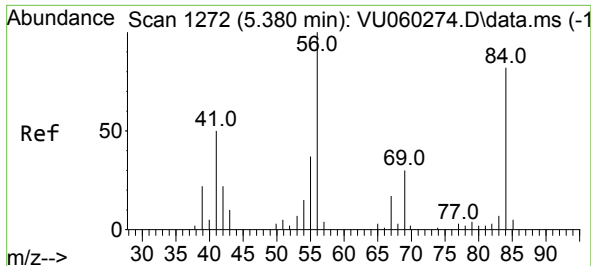
Tgt Ion: 62 Resp: 5778

Ion Ratio Lower Upper

62 100

98 10.7 7.8 11.8





#29

Cyclohexane

Concen: 1.994 ug/L

RT: 5.377 min Scan# 1271

Delta R.T. -0.003 min

Lab File: VU060278.D

Acq: 31 Jul 2024 12:49

Instrument :

MSVOA_U

ClientSampleId :

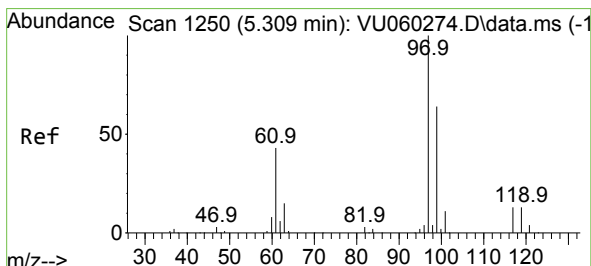
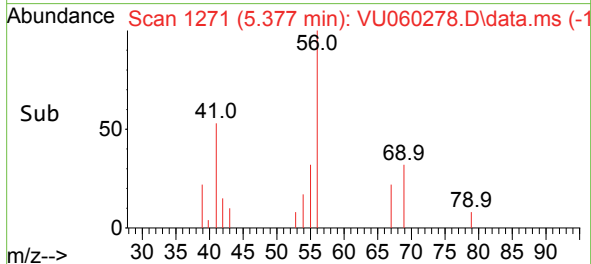
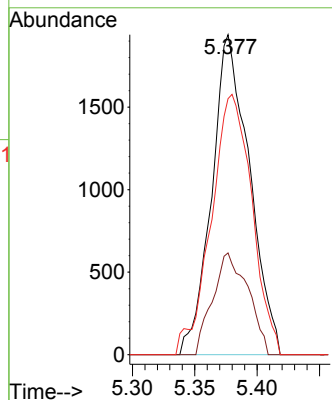
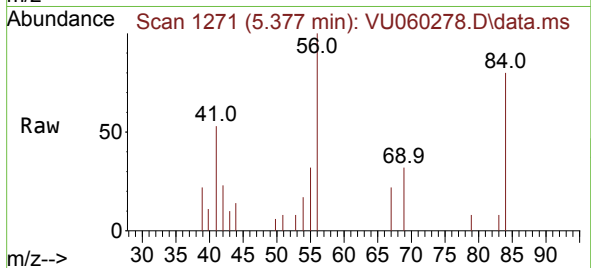
Tgt Ion: 56 Resp: 4076

Ion Ratio Lower Upper

56 100

69 29.8 26.0 39.0

84 84.9 75.5 113.3



#30

1,1,1-Trichloroethane

Concen: 2.435 ug/L

RT: 5.309 min Scan# 1250

Delta R.T. -0.000 min

Lab File: VU060278.D

Acq: 31 Jul 2024 12:49

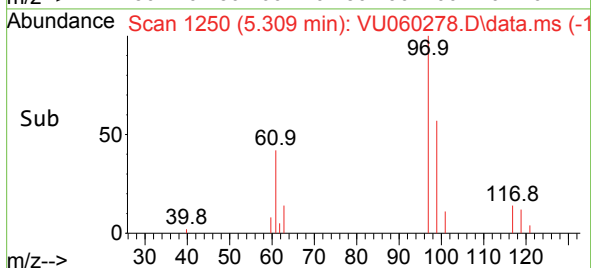
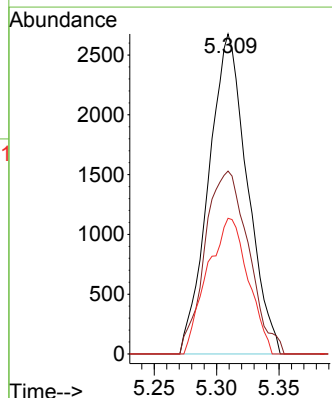
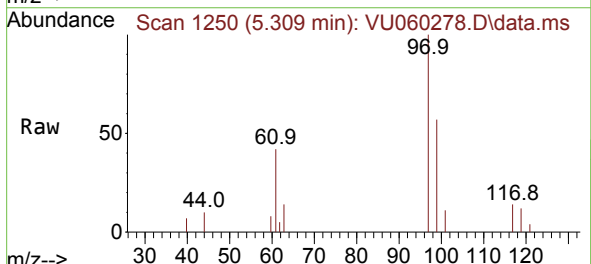
Tgt Ion: 97 Resp: 5759

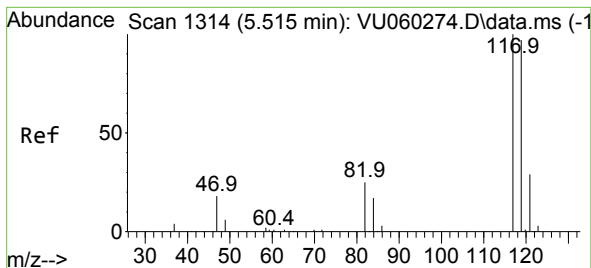
Ion Ratio Lower Upper

97 100

99 64.5 52.2 78.2

61 44.8 35.2 52.8





#31

Carbon tetrachloride

Concen: 2.554 ug/L

RT: 5.515 min Scan# 117

Delta R.T. -0.000 min

Lab File: VU060278.D

Acq: 31 Jul 2024 12:49

Instrument :

MSVOA_U

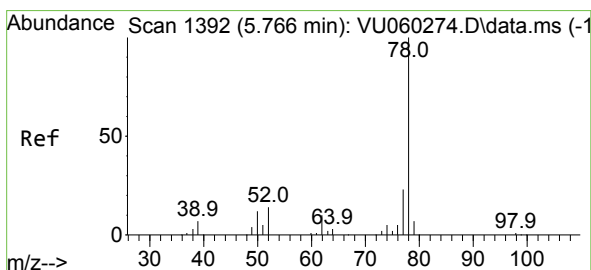
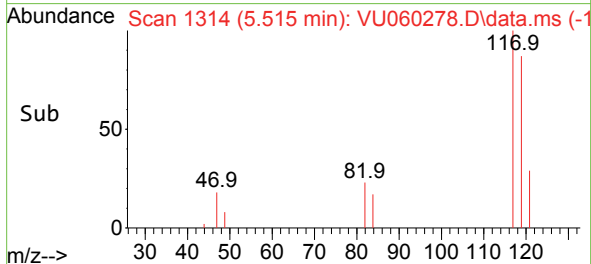
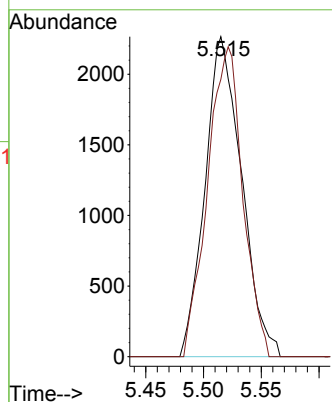
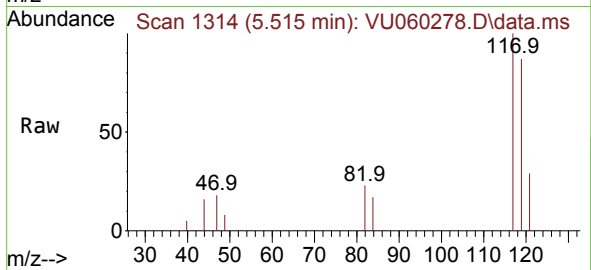
ClientSampleId :

Tgt Ion:117 Resp: 4990

Ion Ratio Lower Upper

117 100

119 93.1 77.6 116.4



#33

Benzene

Concen: 2.642 ug/L

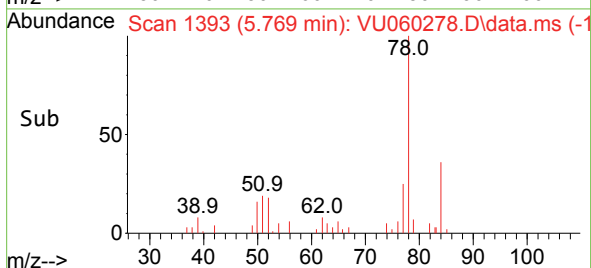
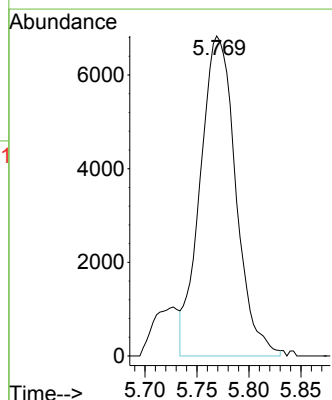
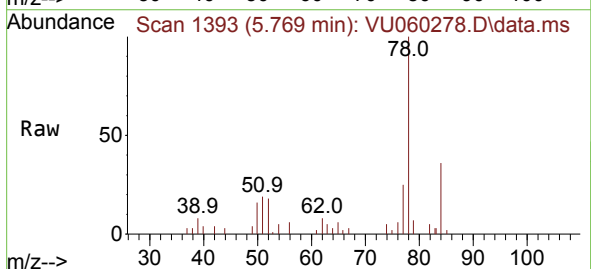
RT: 5.769 min Scan# 1393

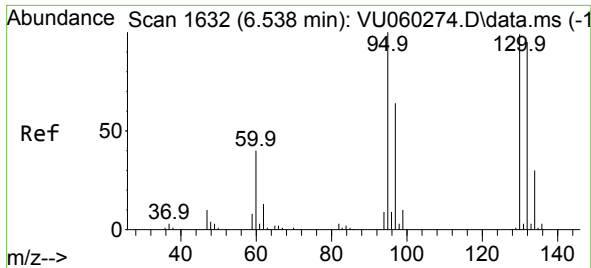
Delta R.T. 0.003 min

Lab File: VU060278.D

Acq: 31 Jul 2024 12:49

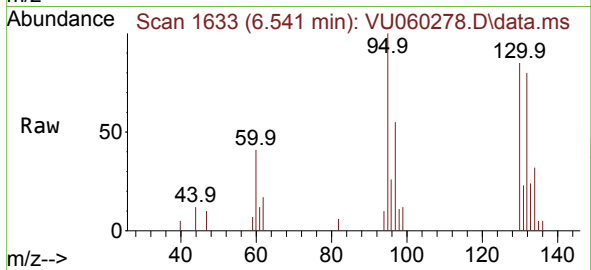
Tgt Ion: 78 Resp: 16284



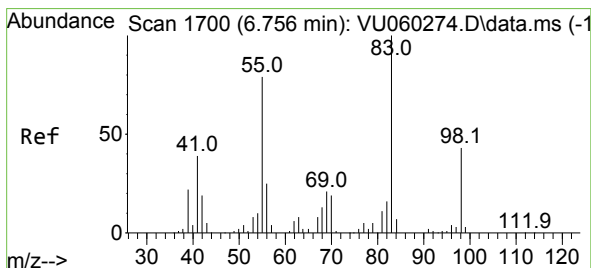
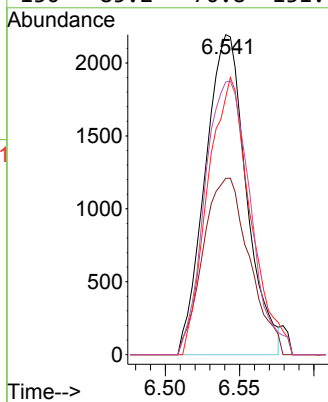
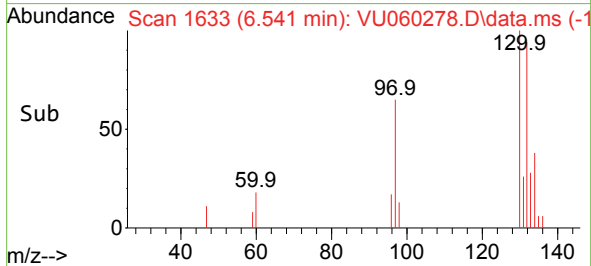


#34
Trichloroethene
Concen: 2.570 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

Instrument :
MSVOA_U
ClientSampleId :

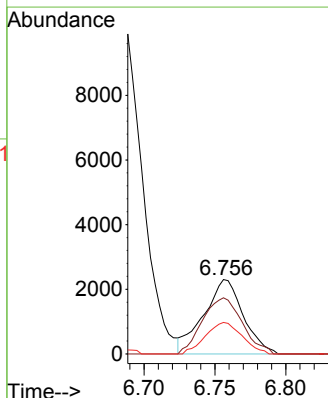
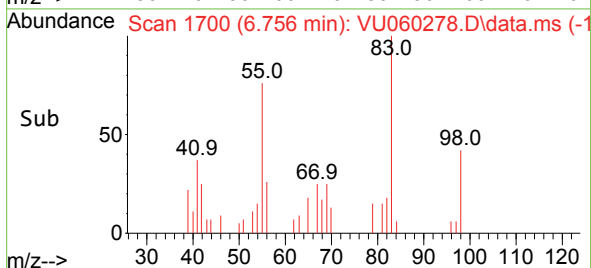
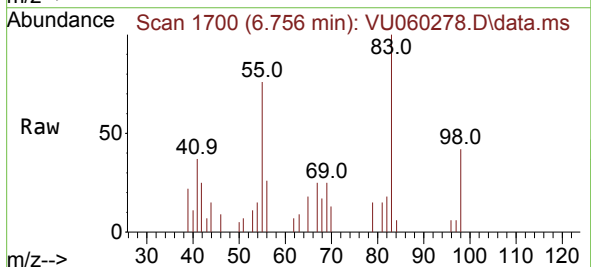


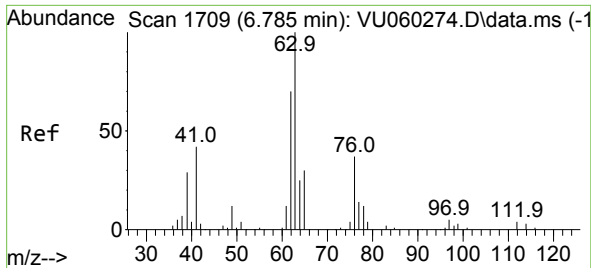
Tgt Ion: 95 Resp: 4227
Ion Ratio Lower Upper
95 100
97 55.1 45.8 85.2
132 80.4 69.8 129.6
130 85.2 70.8 131.6



#35
Methylcyclohexane
Concen: 1.970 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

Tgt Ion: 83 Resp: 4475
Ion Ratio Lower Upper
83 100
55 76.0 56.8 85.2
98 39.2 36.5 54.7

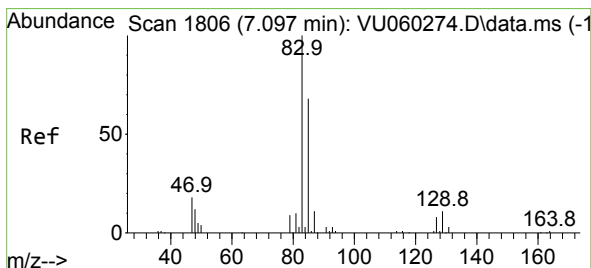
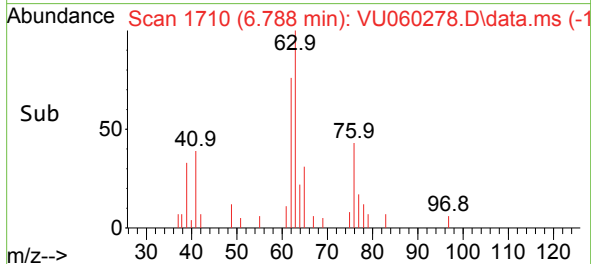
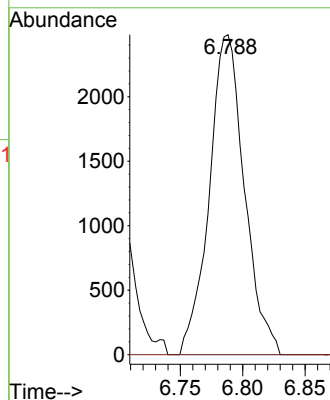
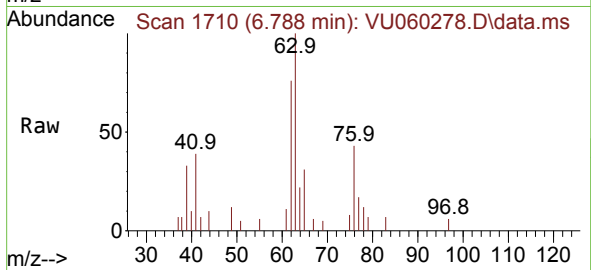




#37
1,2-Dichloropropane
Concen: 2.865 ug/L
RT: 6.788 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

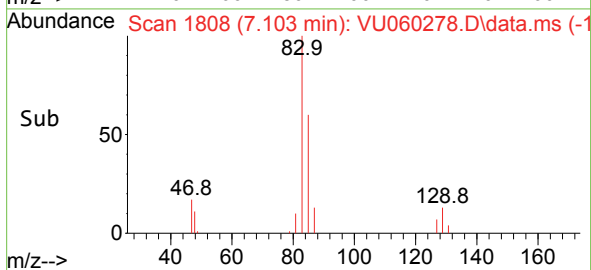
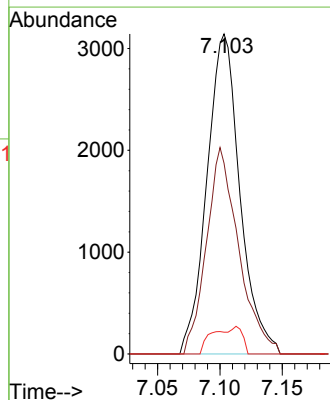
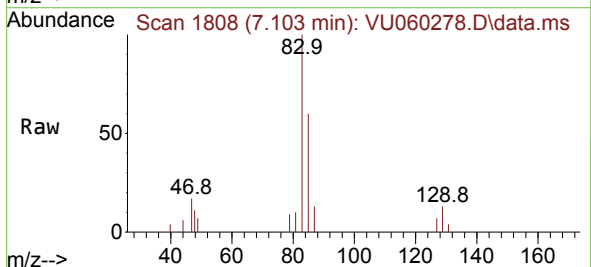
Instrument :
MSVOA_U
ClientSampleId :

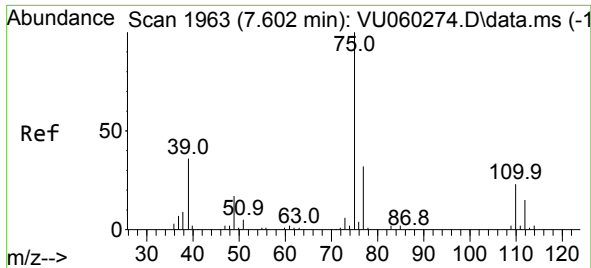
Tgt Ion: 63 Resp: 4861
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



#38
Bromodichloromethane
Concen: 2.696 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

Tgt Ion: 83 Resp: 5796
Ion Ratio Lower Upper
83 100
85 59.6 45.0 83.6
127 6.8 7.4 11.2#





#39

cis-1,3-Dichloropropene

Concen: 2.348 ug/L

RT: 7.605 min Scan# 1963

Delta R.T. 0.003 min

Lab File: VU060278.D

Acq: 31 Jul 2024 12:49

Instrument :

MSVOA_U

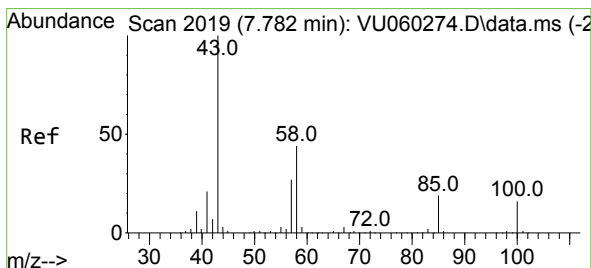
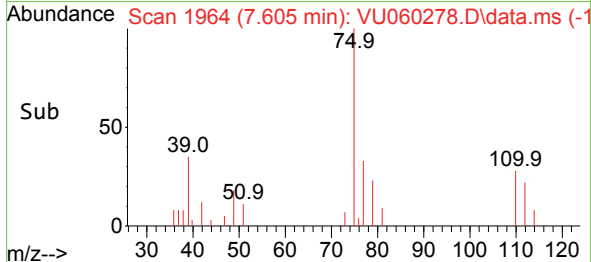
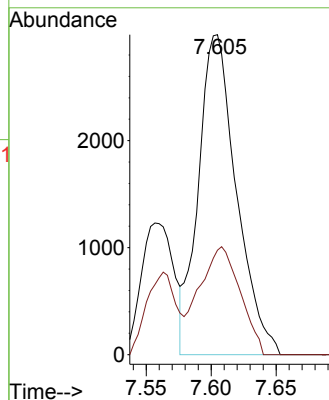
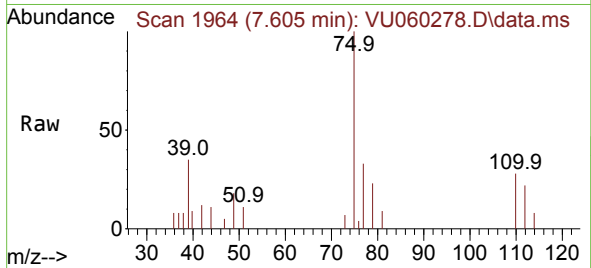
ClientSampleId :

Tgt Ion: 75 Resp: 6096

Ion Ratio Lower Upper

75 100

77 32.6 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 5.221 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. 0.006 min

Lab File: VU060278.D

Acq: 31 Jul 2024 12:49

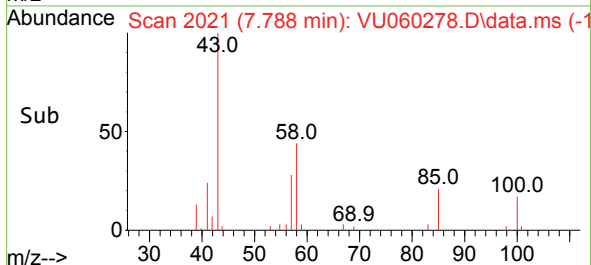
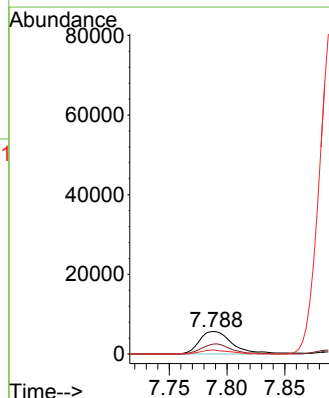
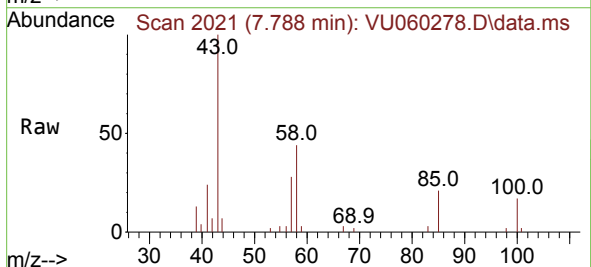
Tgt Ion: 43 Resp: 11197

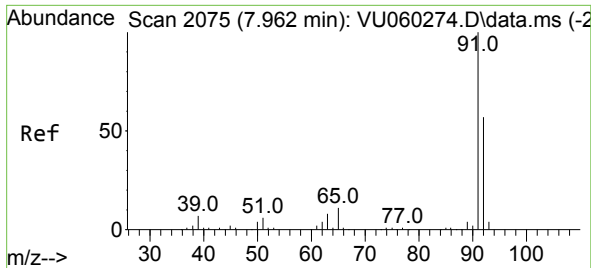
Ion Ratio Lower Upper

43 100

58 38.4 35.3 52.9

100 15.3 14.6 22.0





#42

Toluene

Concen: 2.372 ug/L

RT: 7.968 min Scan# 2075

Delta R.T. 0.006 min

Lab File: VU060278.D

Acq: 31 Jul 2024 12:49

Instrument :

MSVOA_U

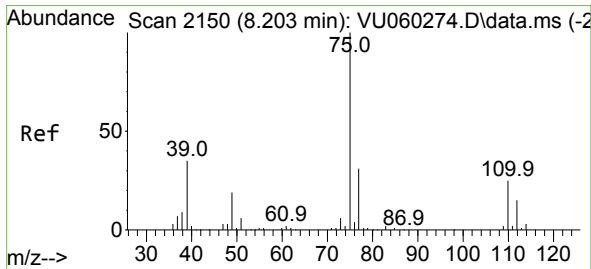
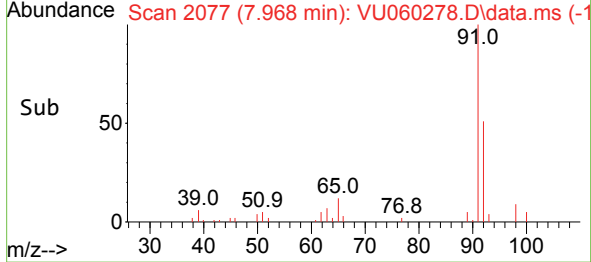
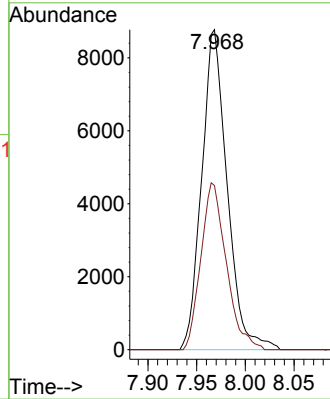
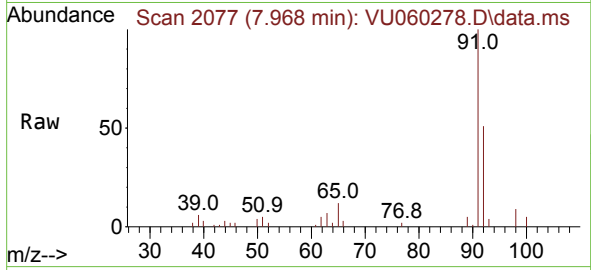
ClientSampleId :

Tgt Ion: 91 Resp: 15961

Ion Ratio Lower Upper

91 100

92 51.3 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 2.370 ug/L

RT: 8.213 min Scan# 2153

Delta R.T. 0.009 min

Lab File: VU060278.D

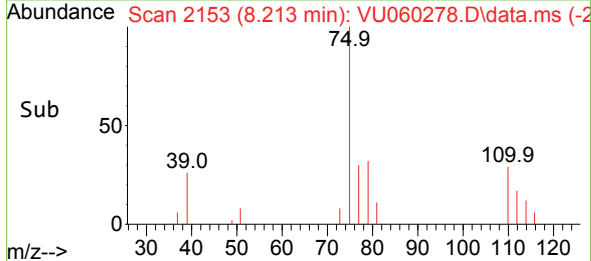
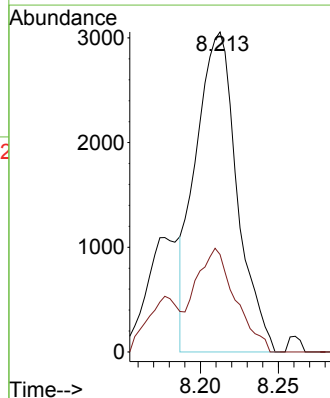
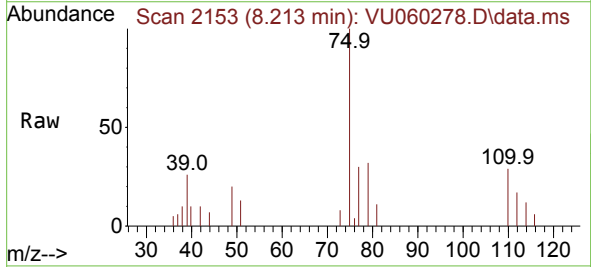
Acq: 31 Jul 2024 12:49

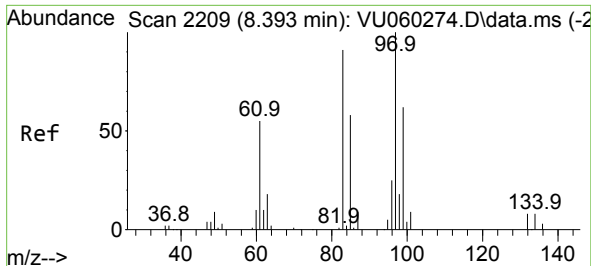
Tgt Ion: 75 Resp: 5651

Ion Ratio Lower Upper

75 100

77 30.4 21.7 40.3

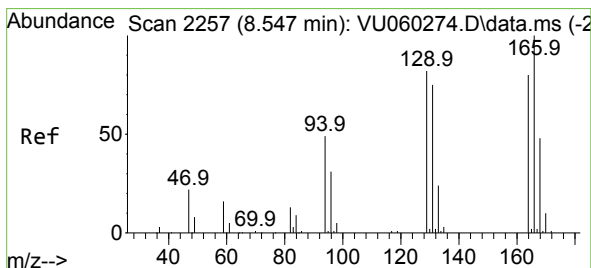
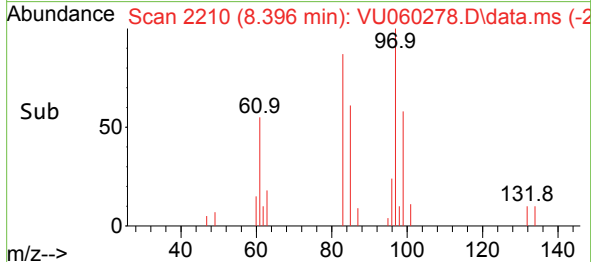
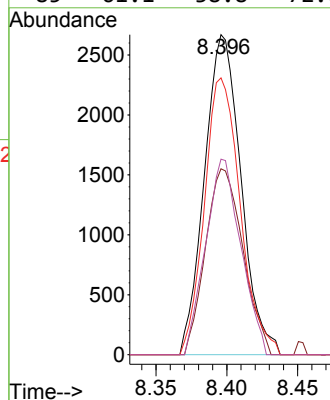
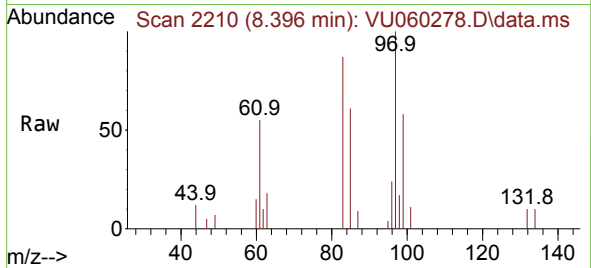




#45
1,1,2-Trichloroethane
Concen: 2.697 ug/L
RT: 8.396 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

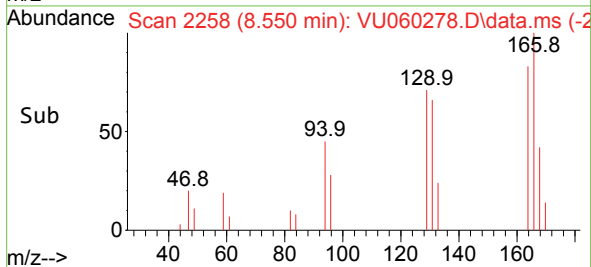
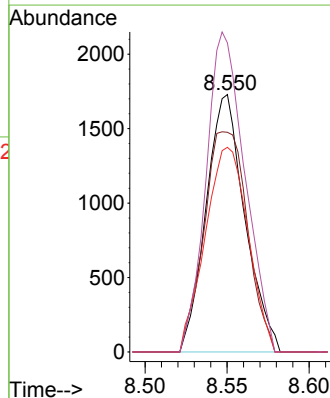
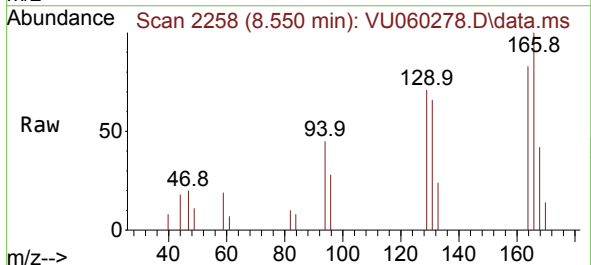
Instrument :
MSVOA_U
ClientSampleId :

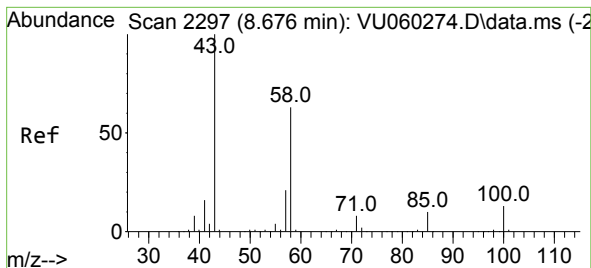
Tgt Ion: 97	Resp: 4793
Ion Ratio	Lower Upper
97 100	
99 58.1	43.1 80.1
83 86.5	60.4 112.2
85 61.1	38.8 72.0



#46
Tetrachloroethene
Concen: 2.100 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

Tgt Ion:164	Resp: 2842
Ion Ratio	Lower Upper
164 100	
129 85.4	62.7 116.5
131 79.5	62.3 115.7
166 120.1	88.9 165.1





#48

2-Hexanone

Concen: 8.970 ug/L

RT: 8.682 min Scan# 21

Delta R.T. 0.006 min

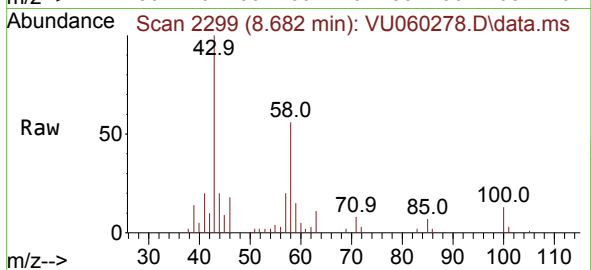
Lab File: VU060278.D

Acq: 31 Jul 2024 12:49

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 16099

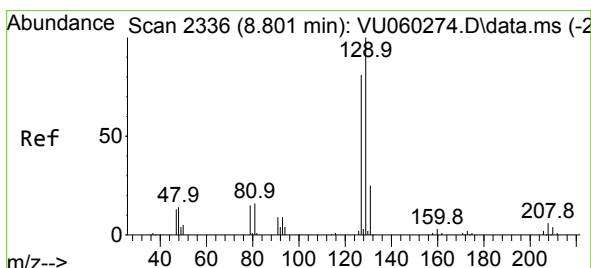
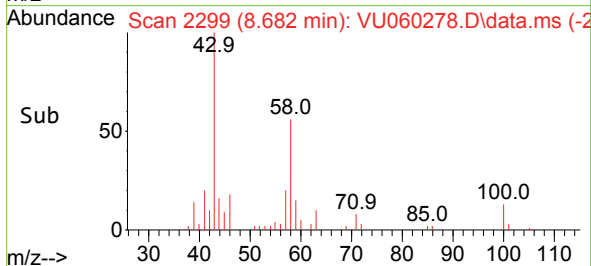
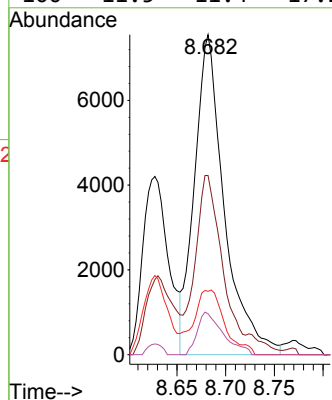
Ion Ratio Lower Upper

43 100

58 42.1 49.0 73.6#

57 4.4 16.7 25.1#

100 11.5 11.4 17.2



#49

Dibromochloromethane

Concen: 2.673 ug/L

RT: 8.807 min Scan# 2338

Delta R.T. 0.006 min

Lab File: VU060278.D

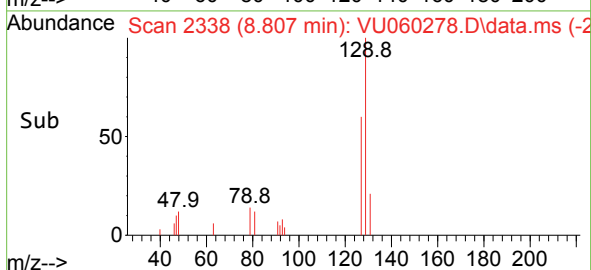
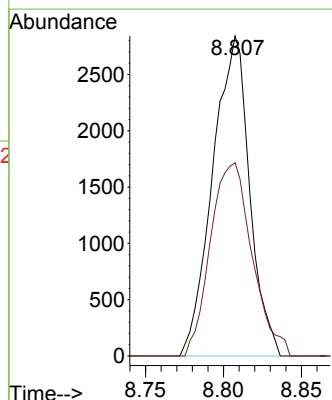
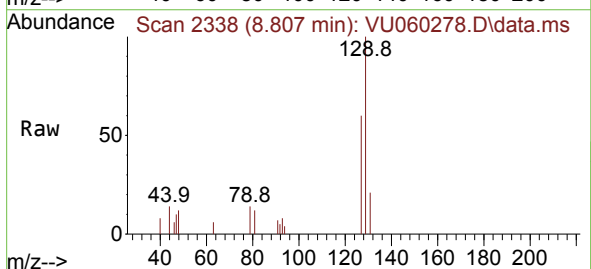
Acq: 31 Jul 2024 12:49

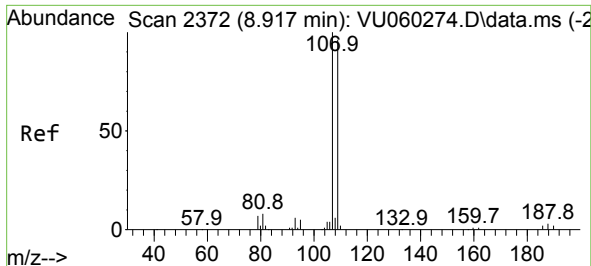
Tgt Ion: 129 Resp: 4680

Ion Ratio Lower Upper

129 100

127 60.4 54.0 100.2





#50

1,2-Dibromoethane

Concen: 2.520 ug/L

RT: 8.920 min Scan# 21

Delta R.T. 0.003 min

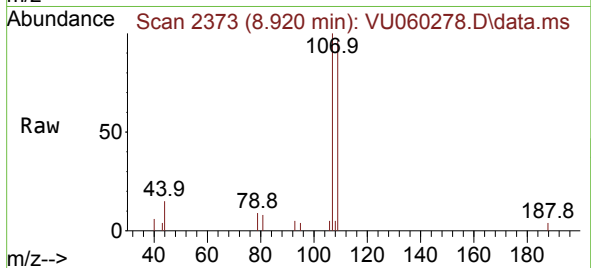
Lab File: VU060278.D

Acq: 31 Jul 2024 12:49

Instrument :

MSVOA_U

ClientSampleId :



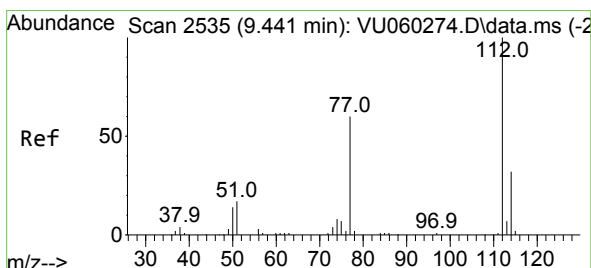
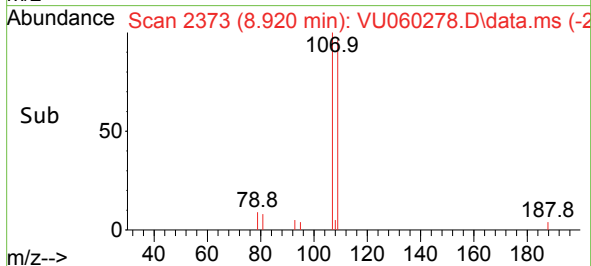
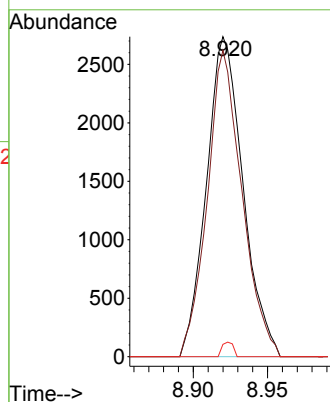
Tgt Ion:107 Resp: 4682

Ion Ratio Lower Upper

107 100

109 95.7 65.5 121.6

188 3.9 3.0 4.4



#51

Chlorobenzene

Concen: 2.442 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.000 min

Lab File: VU060278.D

Acq: 31 Jul 2024 12:49

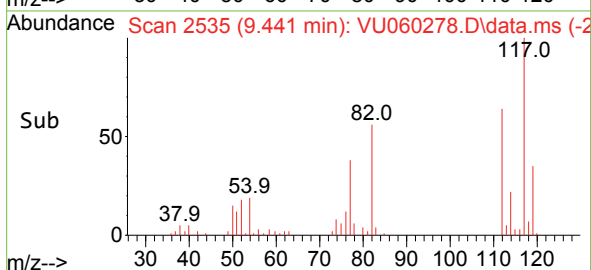
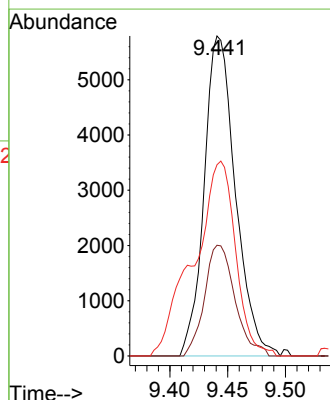
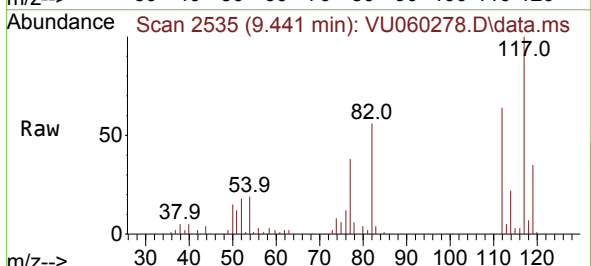
Tgt Ion:112 Resp: 10912

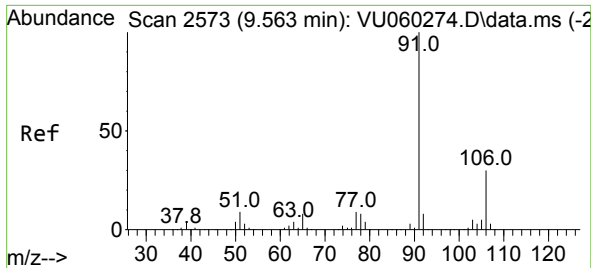
Ion Ratio Lower Upper

112 100

114 34.6 22.7 42.3

77 59.8 45.8 68.6

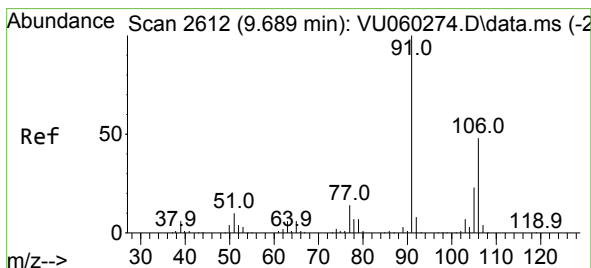
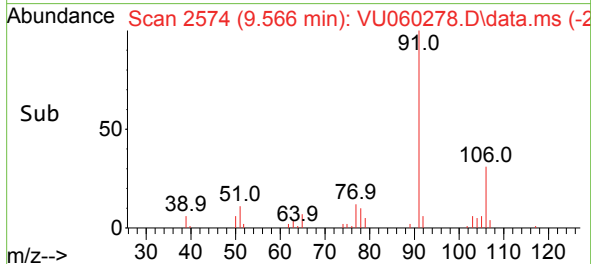
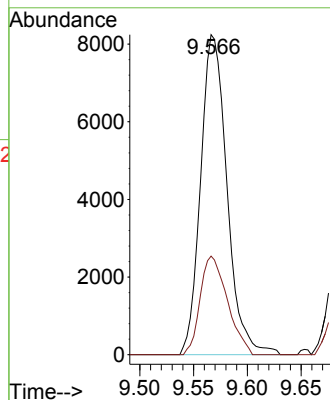
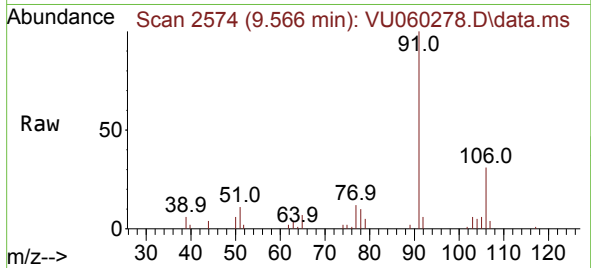




#52
Ethylbenzene
Concen: 1.958 ug/L
RT: 9.566 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

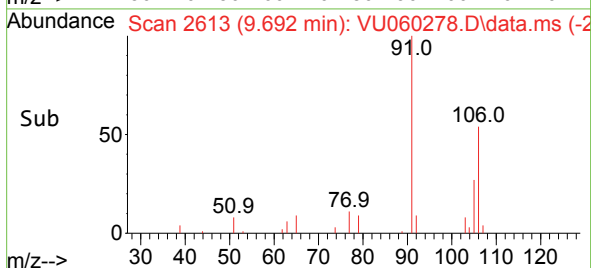
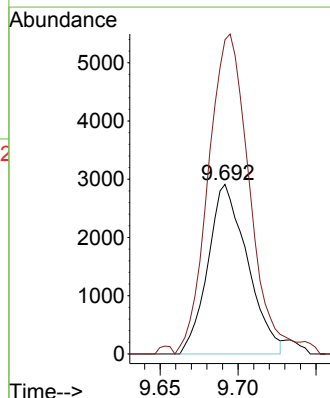
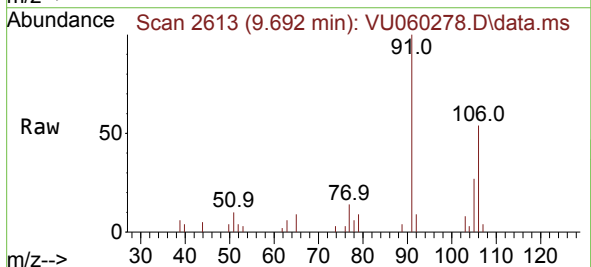
Instrument :
MSVOA_U
ClientSampleId :

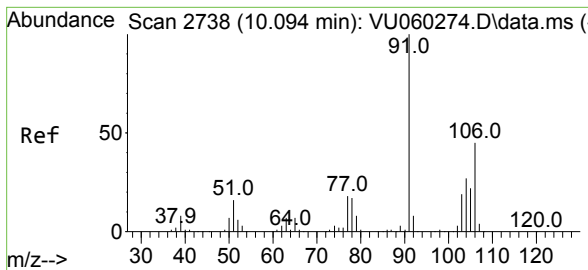
Tgt Ion: 91 Resp: 14072
Ion Ratio Lower Upper
91 100
106 35.1 22.4 41.6



#53
m,p-Xylene
Concen: 1.829 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

Tgt Ion:106 Resp: 5118
Ion Ratio Lower Upper
106 100
91 185.3 140.9 261.7

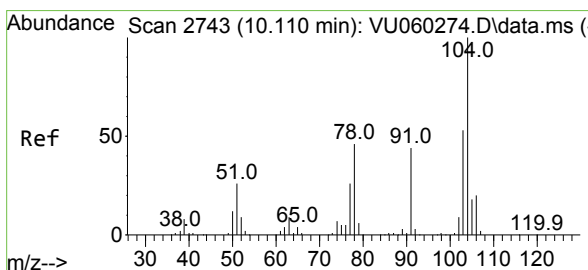
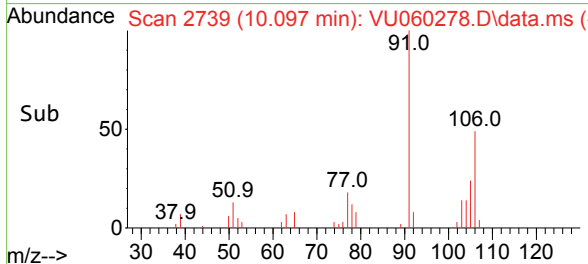
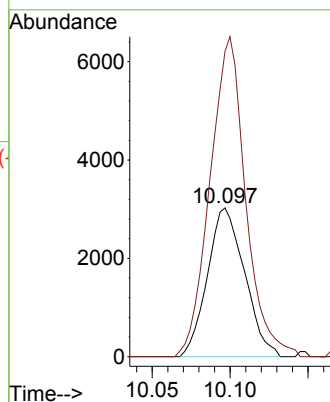
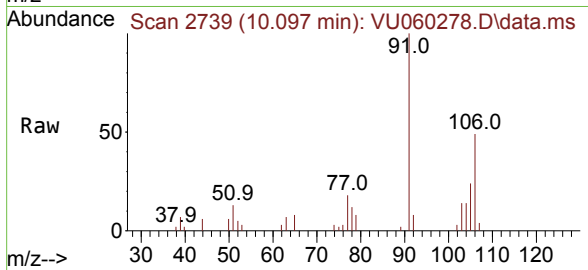




#54
o-Xylene
Concen: 1.866 ug/L
RT: 10.097 min Scan# 2738
Delta R.T. 0.003 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

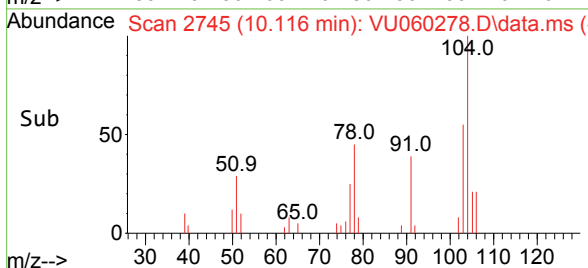
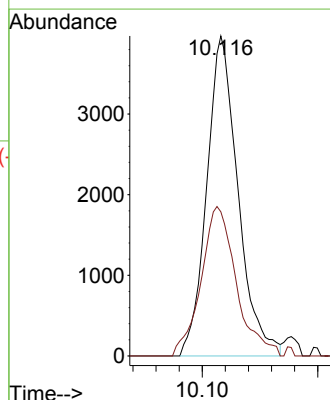
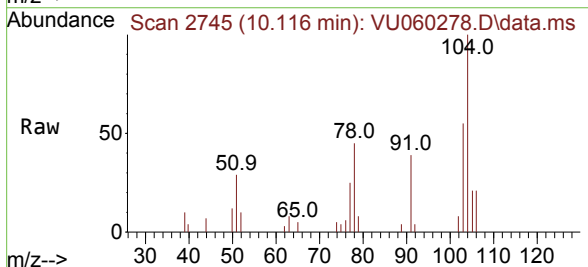
Instrument :
MSVOA_U
ClientSampleId :

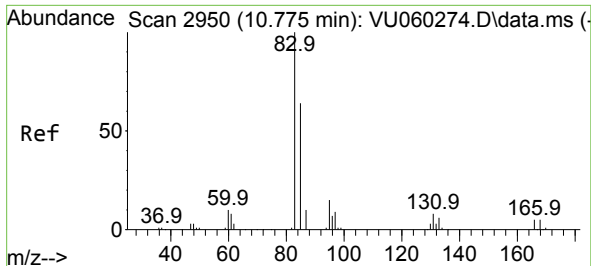
Tgt Ion:106 Resp: 5021
Ion Ratio Lower Upper
106 100
91 205.1 147.4 273.8



#55
Styrene
Concen: 1.644 ug/L
RT: 10.116 min Scan# 2745
Delta R.T. 0.006 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

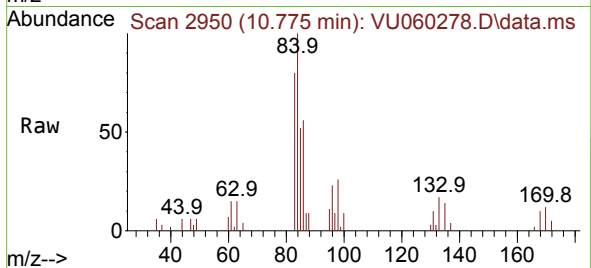
Tgt Ion:104 Resp: 7464
Ion Ratio Lower Upper
104 100
78 45.1 30.9 57.5



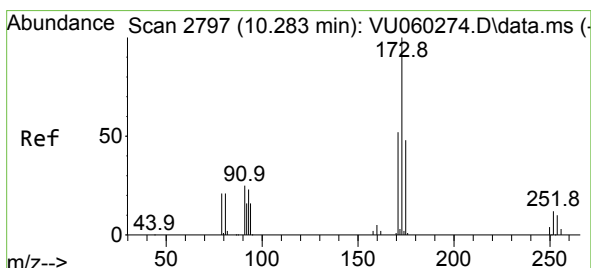
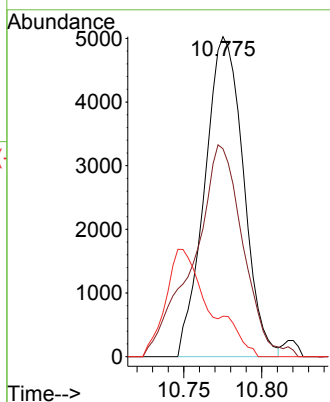
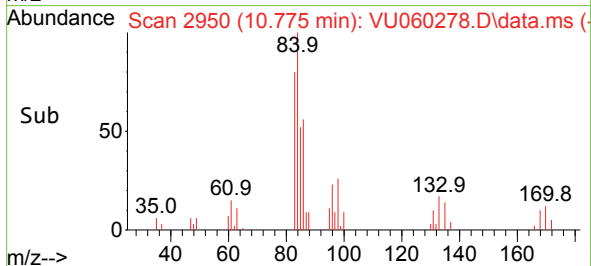


#57
1,1,2,2-Tetrachloroethane
Concen: 2.888 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

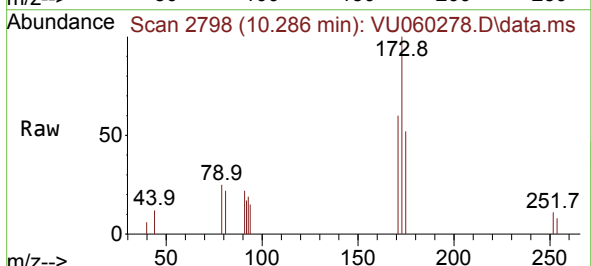
Instrument :
MSVOA_U
ClientSampleId :



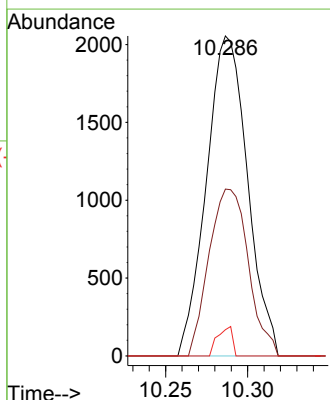
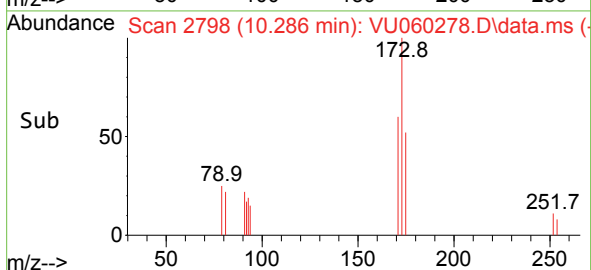
Tgt Ion: 83 Resp: 8653
Ion Ratio Lower Upper
83 100
85 64.9 45.4 84.2
131 12.7 7.5 11.3#

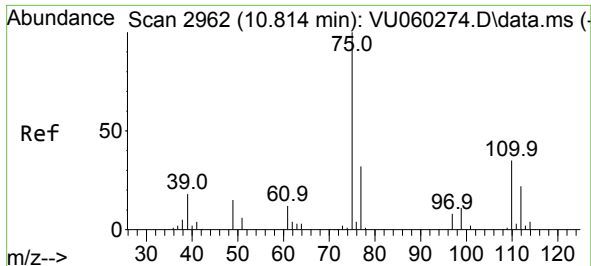


#59
Bromoform
Concen: 3.219 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. 0.003 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49



Tgt Ion: 173 Resp: 3568
Ion Ratio Lower Upper
173 100
175 50.0 39.4 59.2
254 3.3 9.0 13.4#

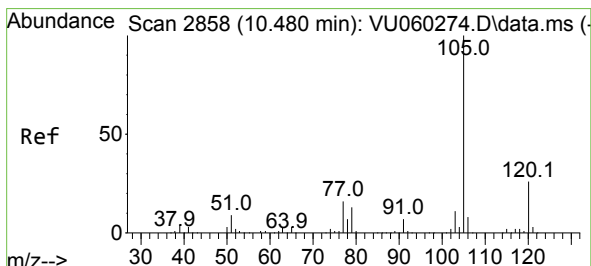
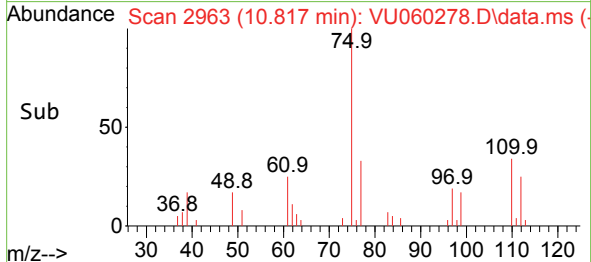
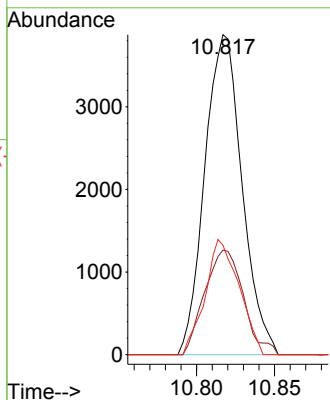
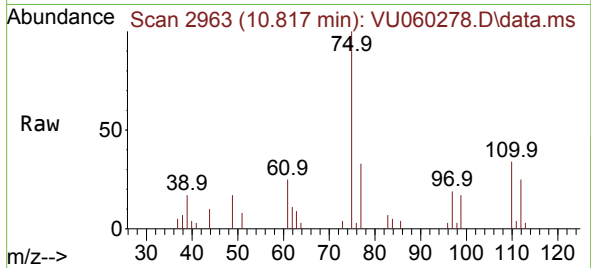




#60
1,2,3-Trichloropropane
Concen: 3.698 ug/L
RT: 10.817 min Scan# 2962
Delta R.T. 0.003 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

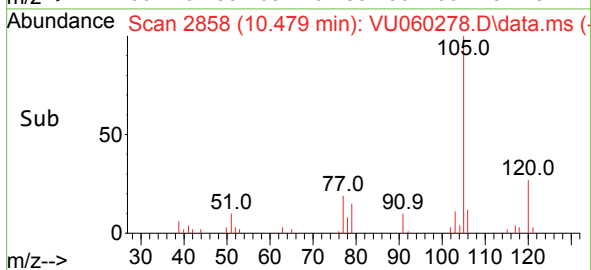
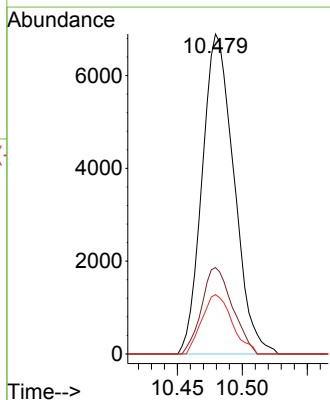
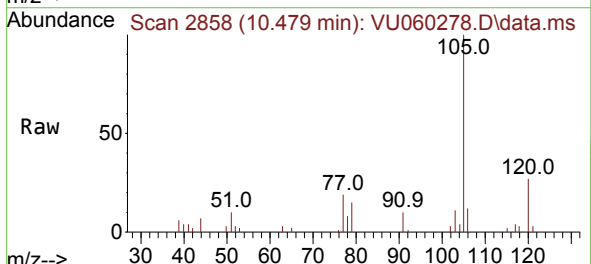
Instrument :
MSVOA_U
ClientSampleId :

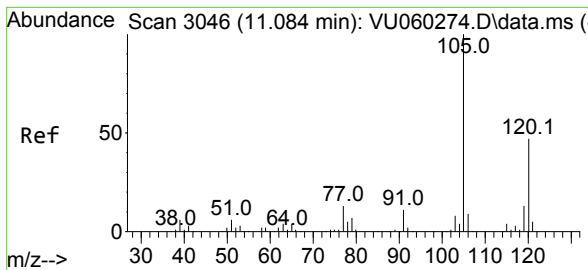
Tgt Ion: 75	Resp: 6433
Ion Ratio	Lower Upper
75 100	
77 33.3	25.5 38.3
110 32.8	30.7 46.1



#61
Isopropylbenzene
Concen: 2.194 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

Tgt Ion: 105	Resp: 11723
Ion Ratio	Lower Upper
105 100	
120 26.1	20.9 31.3
77 17.6	12.1 18.1

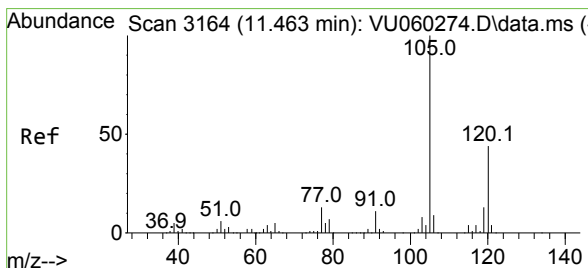
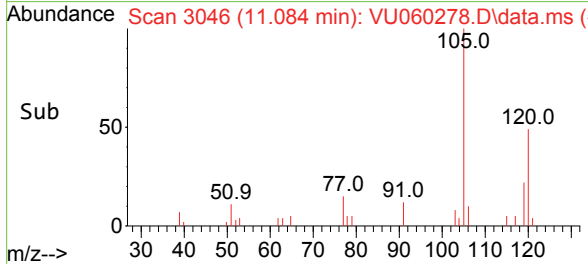
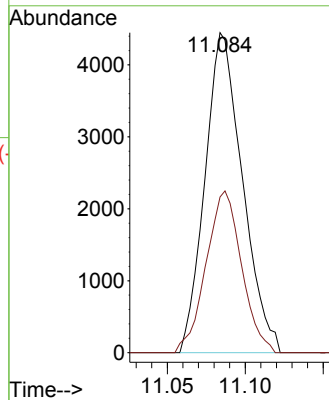
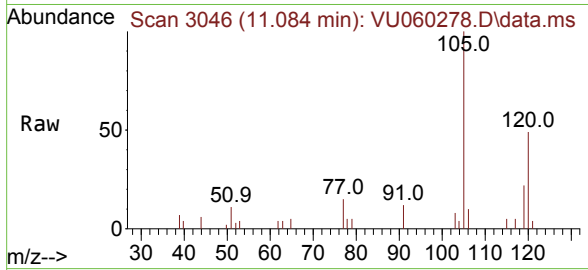




#62
 1,3,5-Trimethylbenzene
 Concen: 1.900 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. -0.000 min
 Lab File: VU060278.D
 Acq: 31 Jul 2024 12:49

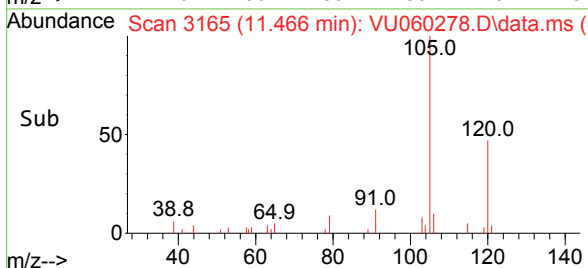
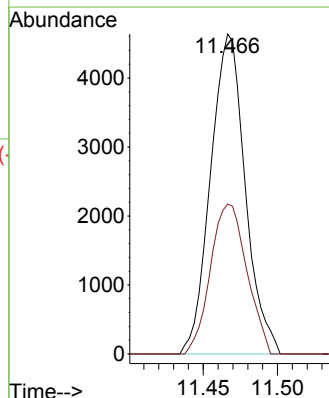
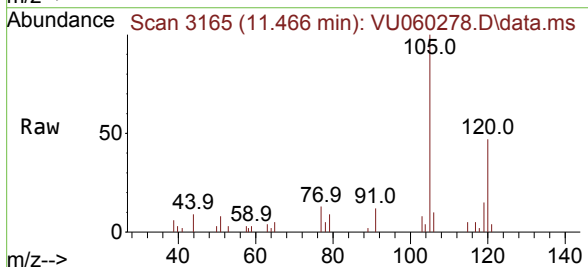
Instrument :
 MSVOA_U
 ClientSampleId :

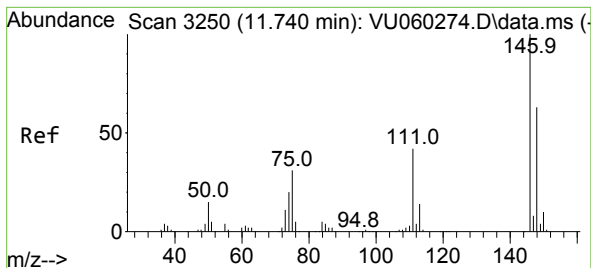
Tgt Ion:105 Resp: 7432
 Ion Ratio Lower Upper
 105 100
 120 48.0 39.5 59.3



#63
 1,2,4-Trimethylbenzene
 Concen: 1.797 ug/L
 RT: 11.466 min Scan# 3165
 Delta R.T. 0.003 min
 Lab File: VU060278.D
 Acq: 31 Jul 2024 12:49

Tgt Ion:105 Resp: 7529
 Ion Ratio Lower Upper
 105 100
 120 49.2 37.0 55.6





#64

1,3-Dichlorobenzene

Concen: 2.387 ug/L

RT: 11.746 min Scan# 31

Delta R.T. 0.006 min

Lab File: VU060278.D

Acq: 31 Jul 2024 12:49

Instrument :

MSVOA_U

ClientSampleId :

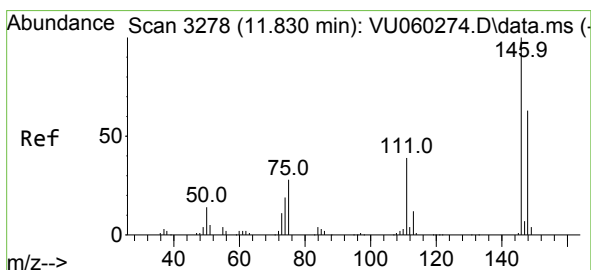
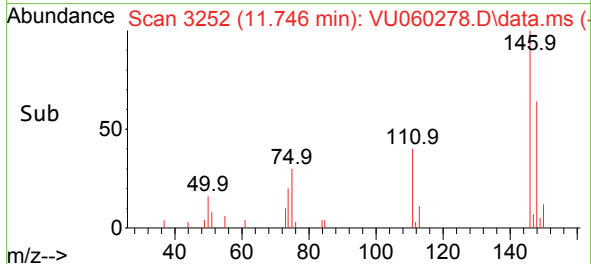
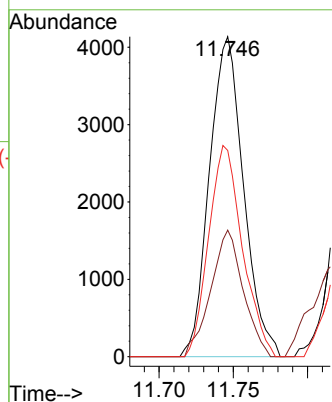
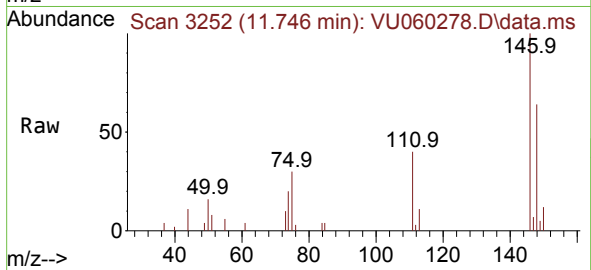
Tgt Ion:146 Resp: 6616

Ion Ratio Lower Upper

146 100

111 42.9 26.5 49.1

148 64.5 43.8 81.3



#65

1,4-Dichlorobenzene

Concen: 2.645 ug/L

RT: 11.833 min Scan# 3279

Delta R.T. 0.003 min

Lab File: VU060278.D

Acq: 31 Jul 2024 12:49

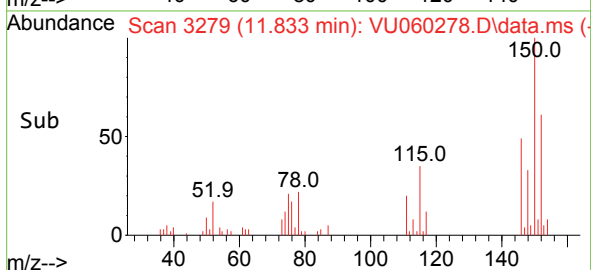
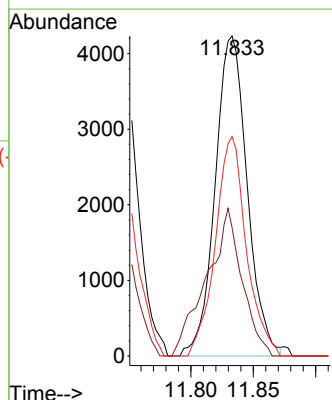
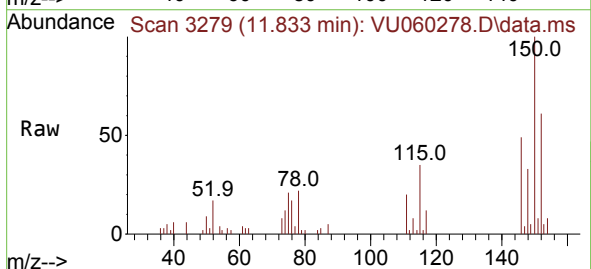
Tgt Ion:146 Resp: 7577

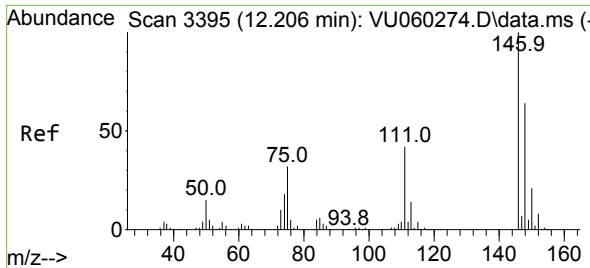
Ion Ratio Lower Upper

146 100

111 43.6 25.9 48.1

148 78.3 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 2.843 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU060278.D

Acq: 31 Jul 2024 12:49

Instrument :

MSVOA_U

ClientSampleId :

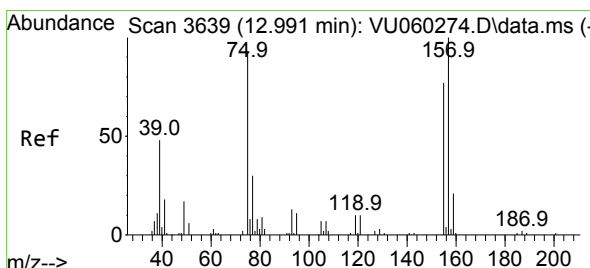
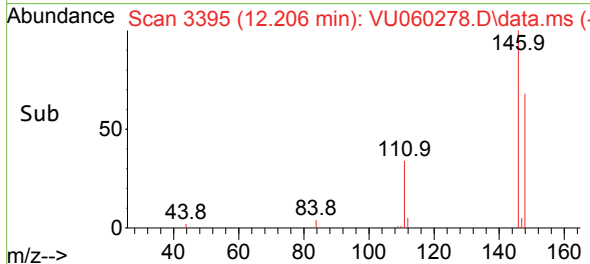
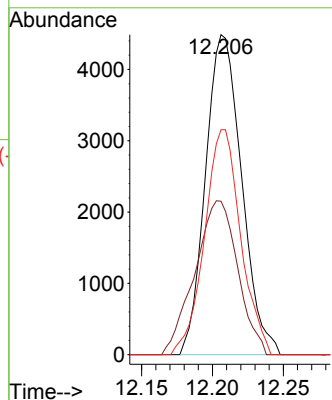
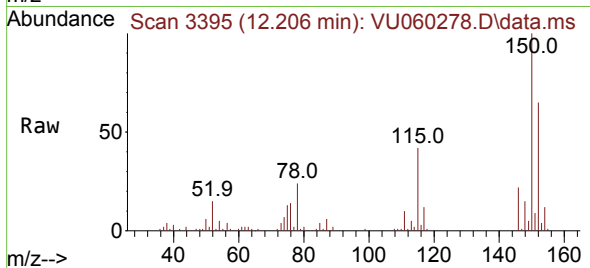
Tgt Ion:146 Resp: 7960

Ion Ratio Lower Upper

146 100

111 47.9 31.7 47.5#

148 70.3 50.8 76.2



#68

1,2-Dibromo-3-chloropropane

Concen: 3.279 ug/L

RT: 12.997 min Scan# 3641

Delta R.T. 0.006 min

Lab File: VU060278.D

Acq: 31 Jul 2024 12:49

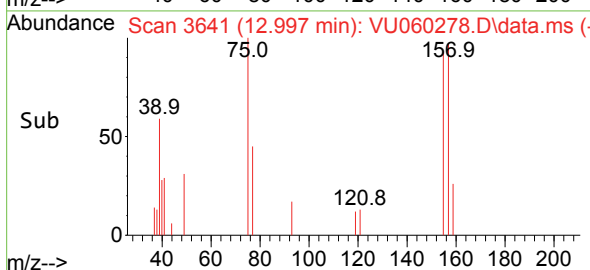
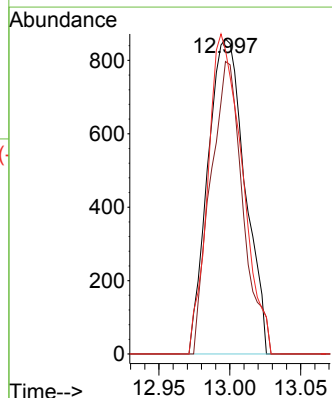
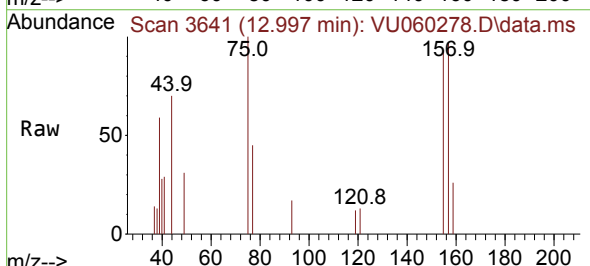
Tgt Ion: 75 Resp: 1560

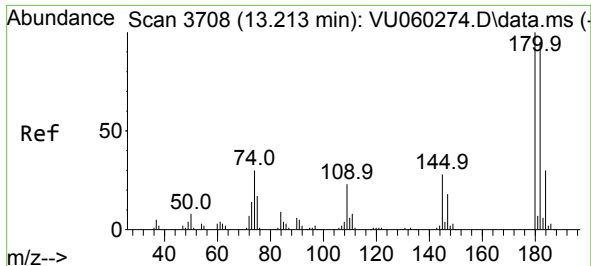
Ion Ratio Lower Upper

75 100

155 92.9 73.5 110.3

157 96.5 93.5 140.3





#69

1,3,5-Trichlorobenzene

Concen: 2.317 ug/L

RT: 13.222 min Scan# 31

Delta R.T. 0.009 min

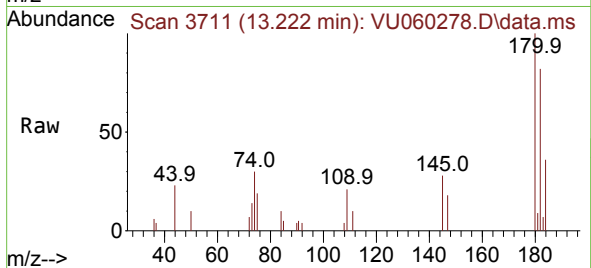
Lab File: VU060278.D

Acq: 31 Jul 2024 12:49

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 4630

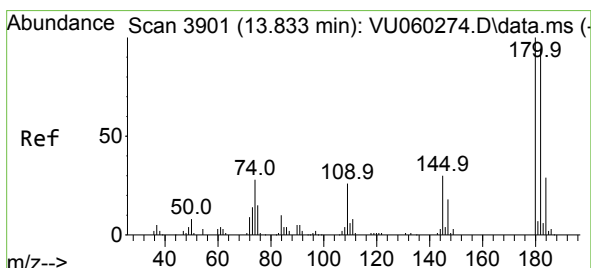
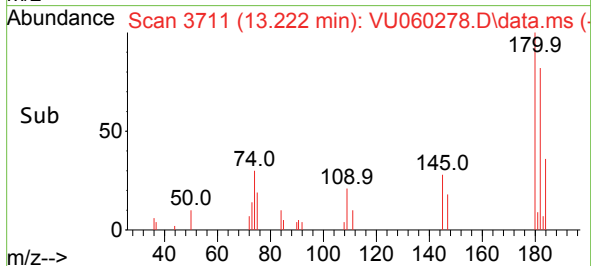
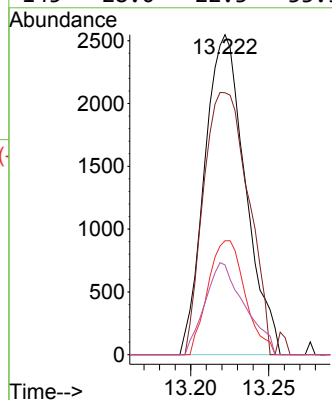
Ion Ratio Lower Upper

180 100

182 89.9 75.8 113.8

184 32.5 24.7 37.1

145 28.0 22.3 33.5



#70

1,2,4-trichlorobenzene

Concen: 2.002 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.006 min

Lab File: VU060278.D

Acq: 31 Jul 2024 12:49

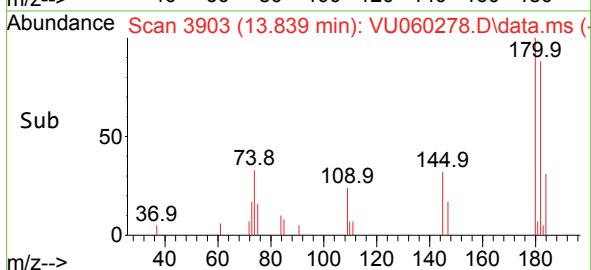
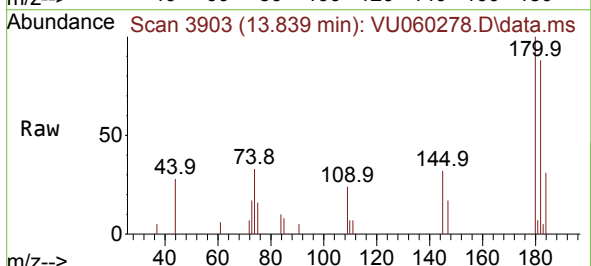
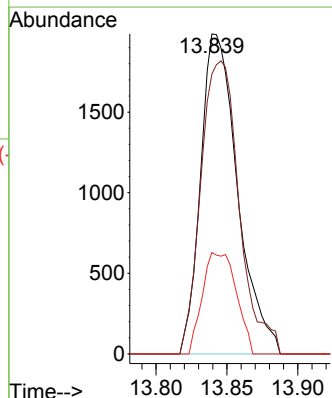
Tgt Ion:180 Resp: 3605

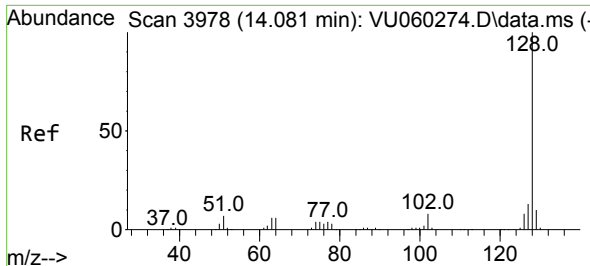
Ion Ratio Lower Upper

180 100

182 92.0 76.4 114.6

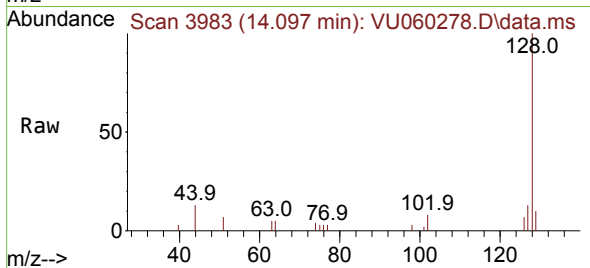
145 16.8 23.0 34.4#



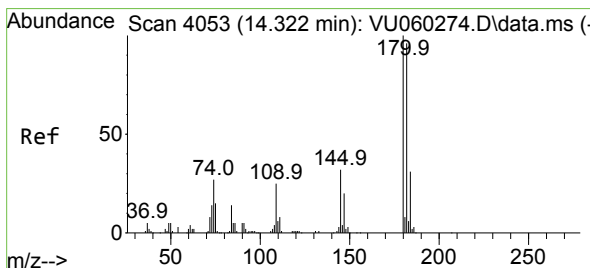
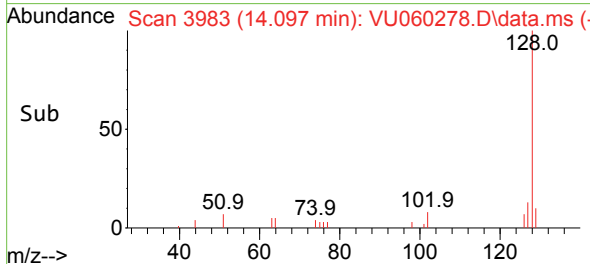
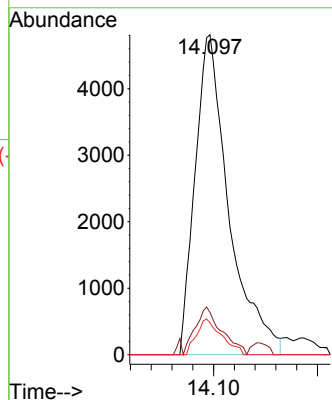


#71
Naphthalene
Concen: 2.086 ug/L
RT: 14.097 min Scan# 3978
Delta R.T. 0.016 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 10857
Ion Ratio Lower Upper
128 100
127 11.6 10.4 15.6
129 8.3 8.6 13.0#



#72
1,2,3-Trichlorobenzene
Concen: 1.976 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.006 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

Tgt Ion:180 Resp: 3571
Ion Ratio Lower Upper
180 100
182 109.0 75.8 113.8
145 12.9 24.5 36.7#

