

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U073124\
 Data File : VU060274.D
 Acq On : 31 Jul 2024 10:48
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 01 00:15:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 26 04:34:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	247713	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	248288	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	120973	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	95594	60.104	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 120.200%			
7) Chloroethane-d5	1.904	69	72911	54.501	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 109.000%			
11) 1,1-Dichloroethene-d2	2.560	63	139608	49.408	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.820%			
21) 2-Butanone-d5	4.612	46	127040	114.935	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 114.930%			
24) Chloroform-d	5.055	84	153903	49.968	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.940%			
26) 1,2-Dichloroethane-d4	5.692	65	91271	49.838	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.680%			
32) Benzene-d6	5.718	84	308738	48.560	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.120%			
36) 1,2-Dichloropropane-d6	6.682	67	102377	52.027	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.060%			
41) Toluene-d8	7.891	98	279940	46.300	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.600%			
43) trans-1,3-Dichloroprop...	8.174	79	45791	49.730	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.460%			
47) 2-Hexanone-d5	8.624	63	80496	97.065	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 97.070%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	155195	51.384	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.760%			
66) 1,2-Dichlorobenzene-d4	12.187	152	102196	45.972	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.940%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	59614	38.750	ug/L	97
3) Chloromethane	1.515	50	73355	48.590	ug/L	99
5) Vinyl chloride	1.602	62	80296	45.309	ug/L	99
6) Bromomethane	1.846	94	50864	54.640	ug/L	99
8) Chloroethane	1.927	64	52934	45.880	ug/L	95
9) Trichlorofluoromethane	2.133	101	105461	42.744	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	73618	46.875	ug/L	94
12) 1,1-Dichloroethene	2.573	96	61008	41.537	ug/L	95
13) Acetone	2.615	43	98424	86.474	ug/L	97
14) Carbon disulfide	2.789	76	135401	36.525	ug/L	100
15) Methyl Acetate	2.940	43	97300	56.701	ug/L	94
16) Methylene chloride	3.039	84	85027	45.908	ug/L	95
17) trans-1,2-Dichloroethene	3.345	96	63518	42.007	ug/L	95
18) Methyl tert-butyl Ether	3.354	73	229981	46.828	ug/L	98
19) 1,1-Dichloroethane	3.859	63	141450	49.322	ug/L	97
20) cis-1,2-Dichloroethene	4.657	96	81361	44.435	ug/L	96
22) 2-Butanone	4.692	43	142505	101.764	ug/L	96
23) Bromochloromethane	4.965	128	42792	44.308	ug/L #	92
25) Chloroform	5.078	83	150743	48.846	ug/L	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU073124\
 Data File : VU060274.D
 Acq On : 31 Jul 2024 10:48
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 01 00:15:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 26 04:34:35 2024
 Response via : Initial Calibration

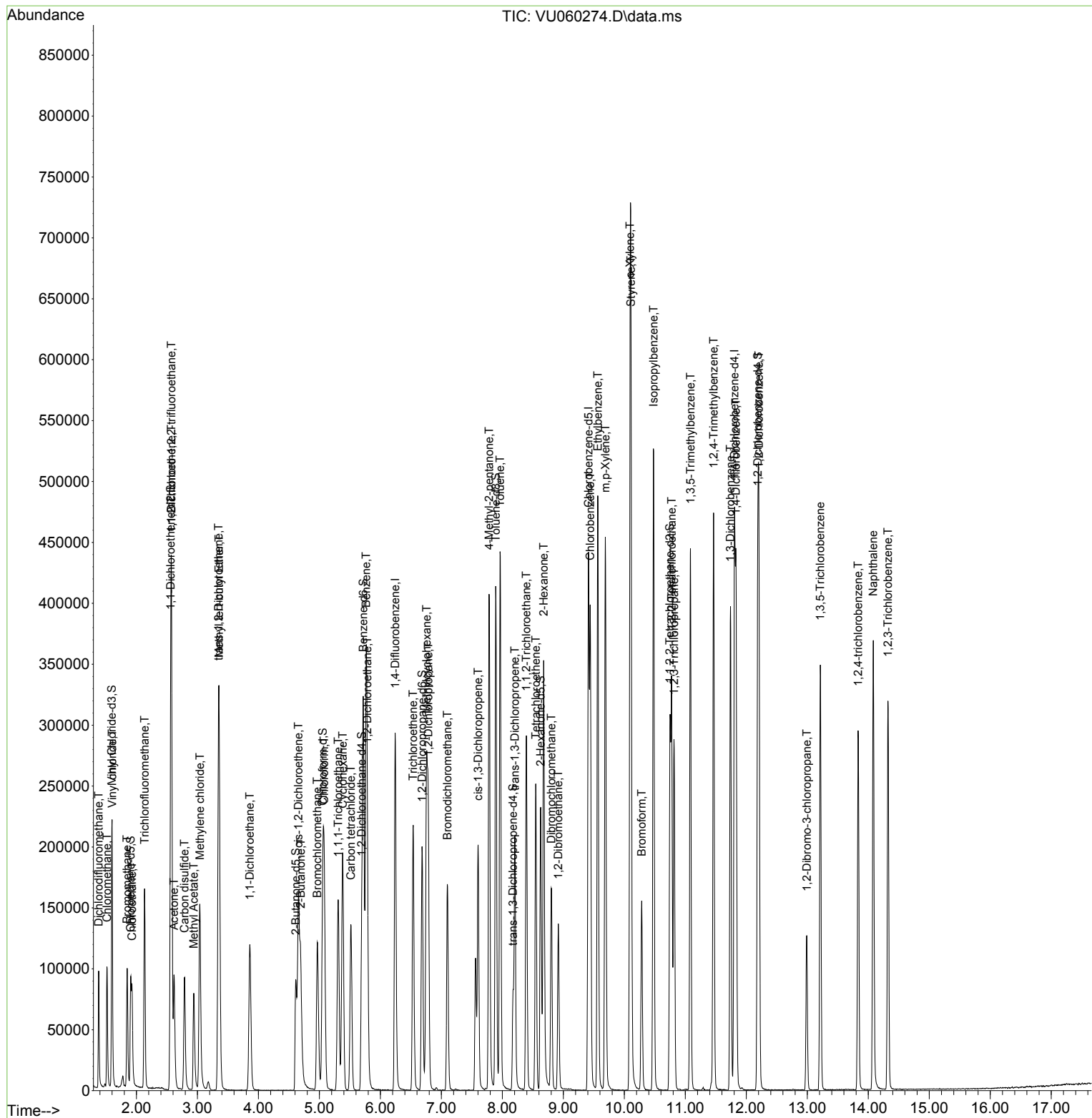
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	109166	46.596	ug/L	98
29) Cyclohexane	5.380	56	95465	42.940	ug/L	91
30) 1,1,1-Trichloroethane	5.309	97	116335	45.228	ug/L	99
31) Carbon tetrachloride	5.515	117	95285	44.846	ug/L	99
33) Benzene	5.766	78	319350	47.630	ug/L	100
34) Trichloroethene	6.538	95	77189	43.141	ug/L	97
35) Methylcyclohexane	6.756	83	99960	40.453	ug/L	95
37) 1,2-Dichloropropane	6.785	63	92647	50.202	ug/L	100
38) Bromodichloromethane	7.097	83	113138	48.384	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	130512	46.222	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	257487	110.391	ug/L	98
42) Toluene	7.962	91	334433	45.690	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	123328	47.551	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	92928	48.081	ug/L	96
46) Tetrachloroethene	8.547	164	55952	38.013	ug/L	94
48) 2-Hexanone	8.676	43	214417	109.837	ug/L	98
49) Dibromochloromethane	8.801	129	87282	45.834	ug/L	96
50) 1,2-Dibromoethane	8.917	107	92595	45.821	ug/L	98
51) Chlorobenzene	9.441	112	214522	44.147	ug/L	97
52) Ethylbenzene	9.563	91	344878	44.122	ug/L	97
53) m,p-Xylene	9.689	106	129804	42.651	ug/L	96
54) o-Xylene	10.094	106	127338	43.510	ug/L	93
55) Styrene	10.110	104	231548	46.897	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	170682	52.367	ug/L	100
59) Bromoform	10.283	173	71048	48.573	ug/L	97
60) 1,2,3-Trichloropropane	10.814	75	127673	55.609	ug/L	97
61) Isopropylbenzene	10.480	105	341550	48.435	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	239786	46.450	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	260413	47.095	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	164953	45.104	ug/L	96
65) 1,4-Dichlorobenzene	11.830	146	168001	44.438	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	170400	46.123	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	34530	54.995	ug/L	91
69) 1,3,5-Trichlorobenzene	13.213	180	111457	42.270	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	94287	39.674	ug/L	99
71) Naphthalene	14.081	128	305144	44.431	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	101970	42.765	ug/L	99

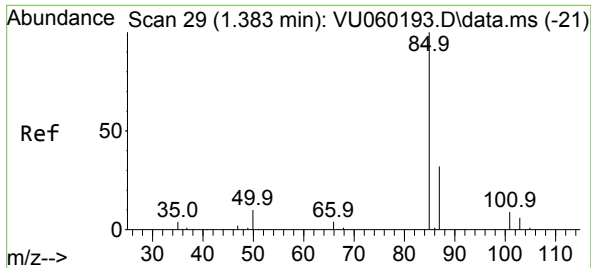
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU073124\
Data File : VU060274.D
Acq On : 31 Jul 2024 10:48
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Aug 01 00:15:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 26 04:34:35 2024
Response via : Initial Calibration

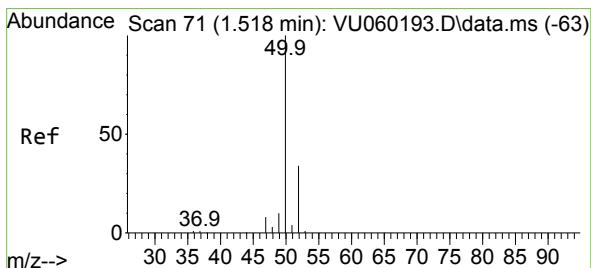
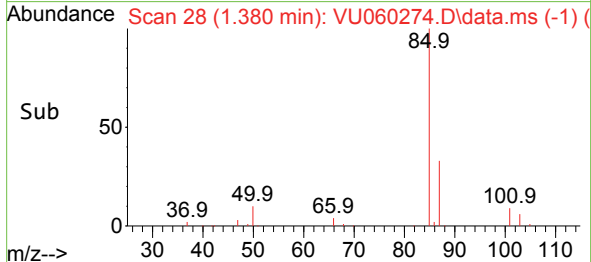
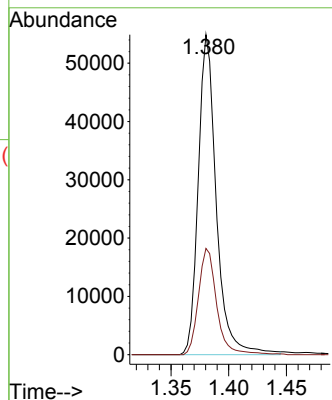
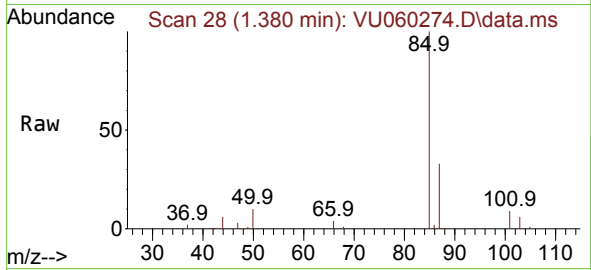




#2
Dichlorodifluoromethane
Concen: 38.750 ug/L
RT: 1.380 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU060274.D
Acq: 31 Jul 2024 10:48

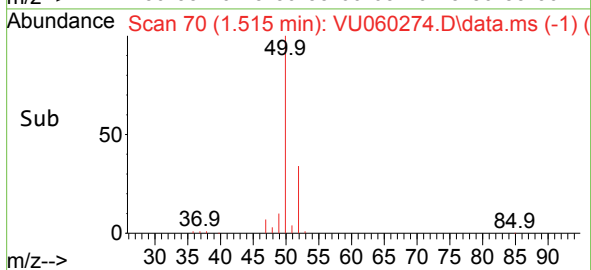
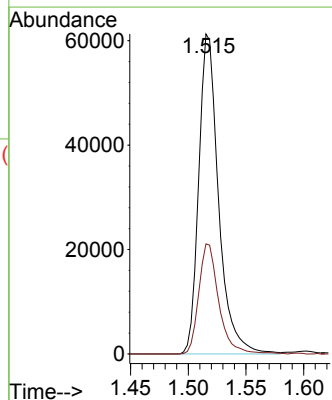
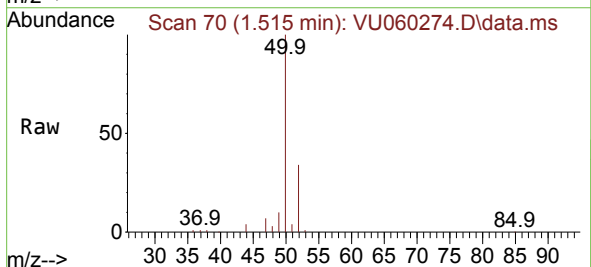
Instrument :
MSVOA_U
ClientSampleId :

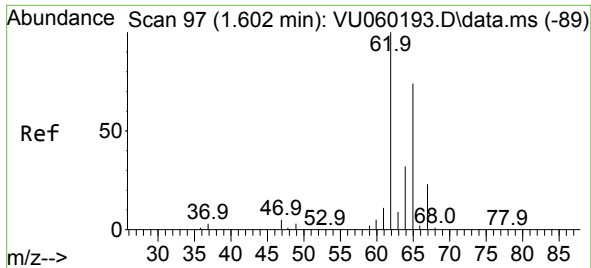
Tgt Ion: 85 Resp: 59614
Ion Ratio Lower Upper
85 100
87 33.5 25.4 38.2



#3
Chloromethane
Concen: 48.590 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU060274.D
Acq: 31 Jul 2024 10:48

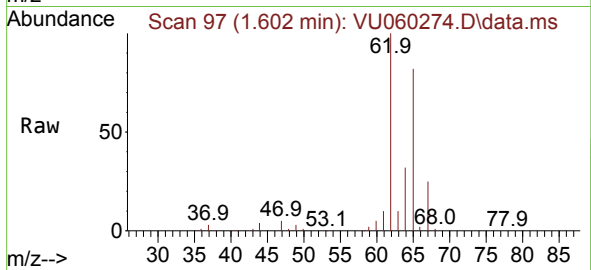
Tgt Ion: 50 Resp: 73355
Ion Ratio Lower Upper
50 100
52 34.4 24.5 45.5



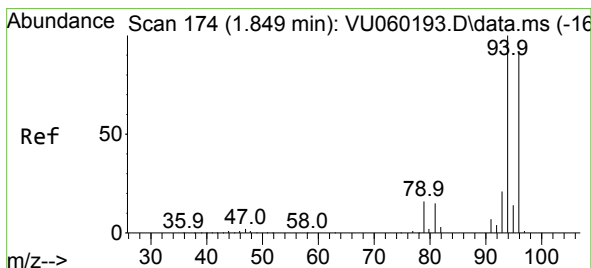
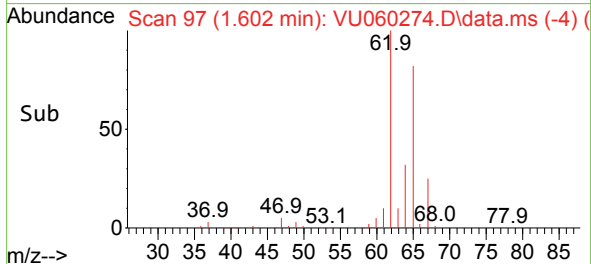
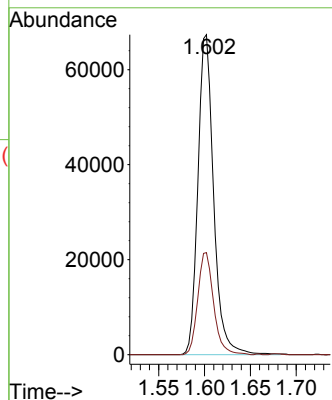


#5
 Vinyl chloride
 Concen: 45.309 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU060274.D
 Acq: 31 Jul 2024 10:48

Instrument :
 MSVOA_U
 ClientSampleId :

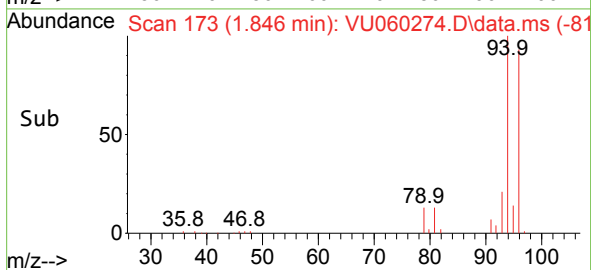
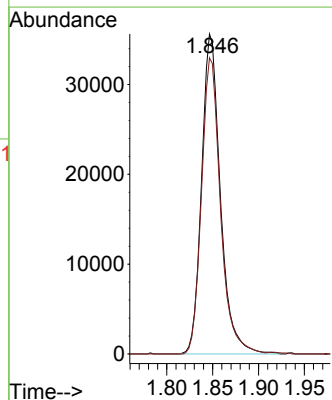
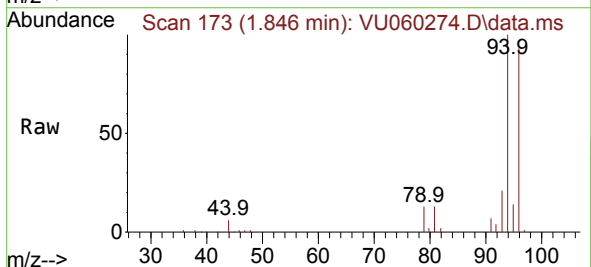


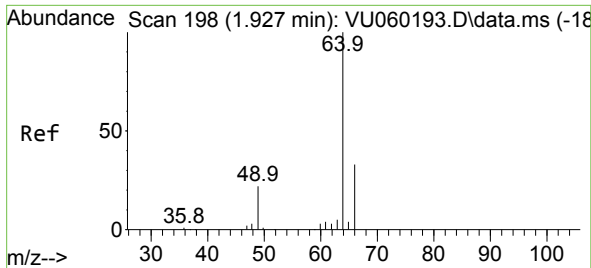
Tgt Ion: 62 Resp: 80296
 Ion Ratio Lower Upper
 62 100
 64 31.9 22.9 42.5



#6
 Bromomethane
 Concen: 54.640 ug/L
 RT: 1.846 min Scan# 173
 Delta R.T. -0.003 min
 Lab File: VU060274.D
 Acq: 31 Jul 2024 10:48

Tgt Ion: 94 Resp: 50864
 Ion Ratio Lower Upper
 94 100
 96 92.6 65.2 121.2

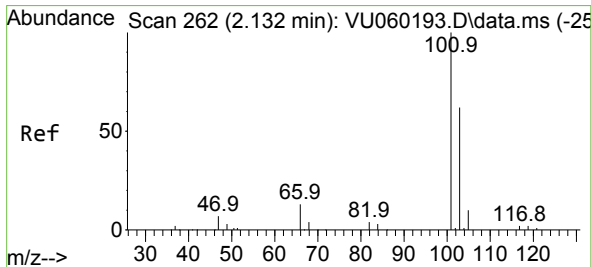
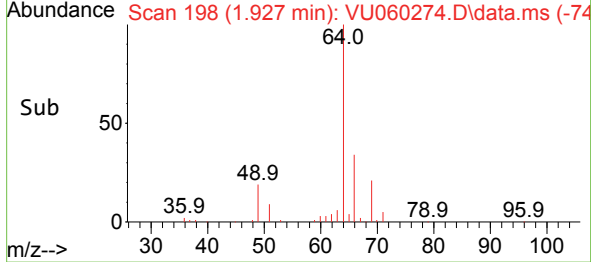
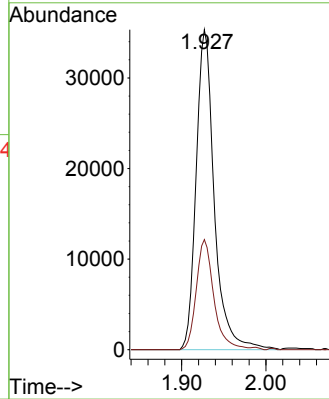
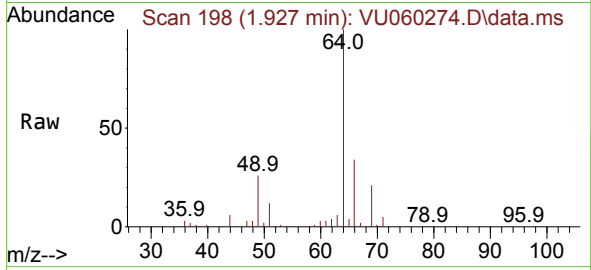




#8
Chloroethane
Concen: 45.880 ug/L
RT: 1.927 min Scan# 198
Delta R.T. 0.000 min
Lab File: VU060274.D
Acq: 31 Jul 2024 10:48

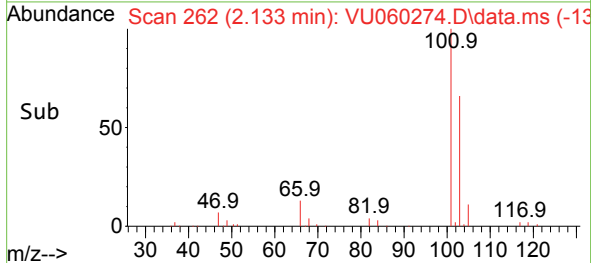
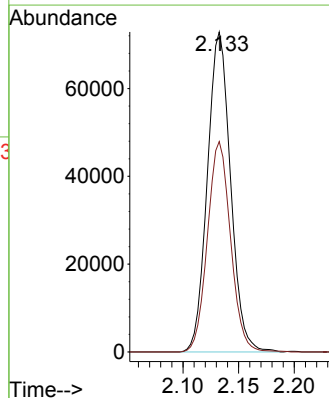
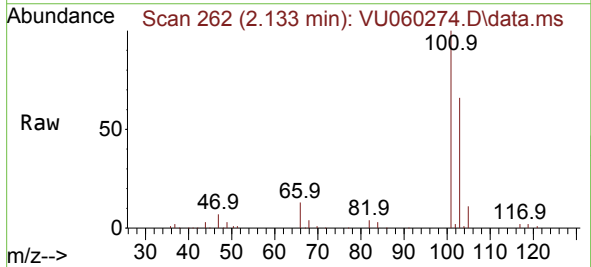
Instrument :
MSVOA_U
ClientSampleId :

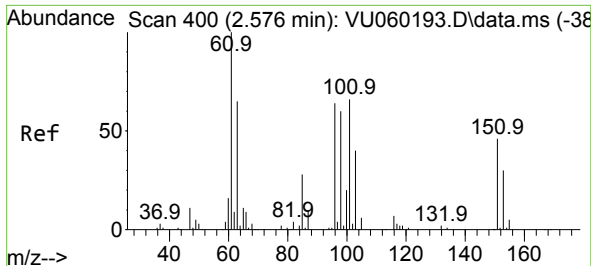
Tgt Ion: 64 Resp: 52934
Ion Ratio Lower Upper
64 100
66 34.4 22.3 41.3



#9
Trichlorofluoromethane
Concen: 42.744 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU060274.D
Acq: 31 Jul 2024 10:48

Tgt Ion:101 Resp: 105461
Ion Ratio Lower Upper
101 100
103 65.7 52.3 78.5

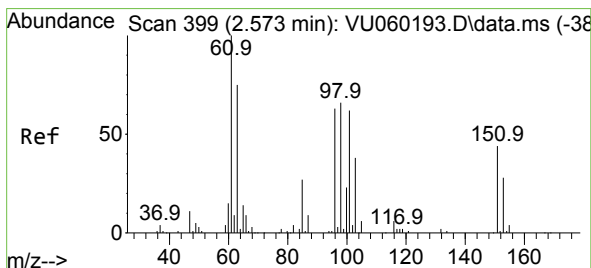
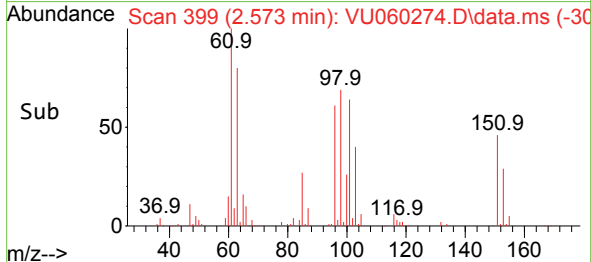
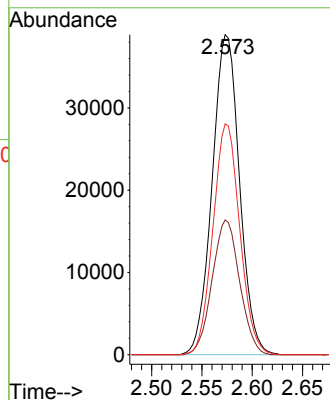
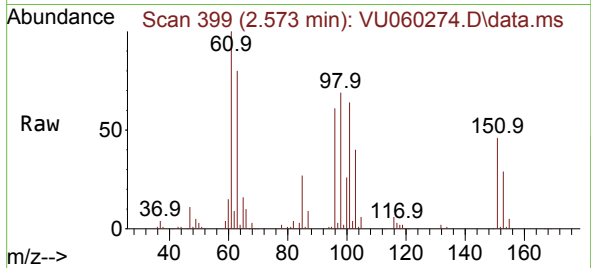




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 46.875 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU060274.D
Acq: 31 Jul 2024 10:48

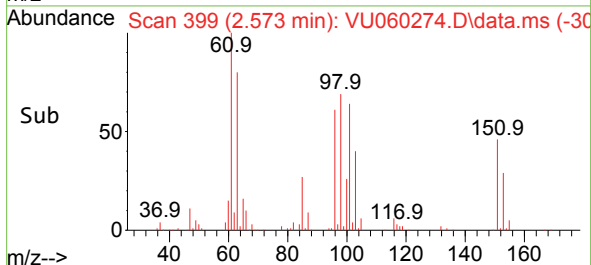
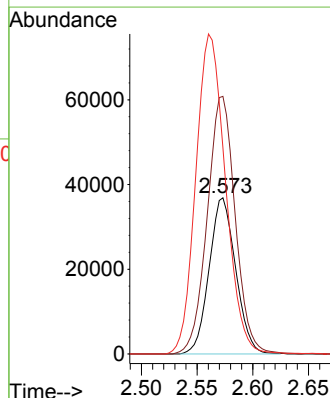
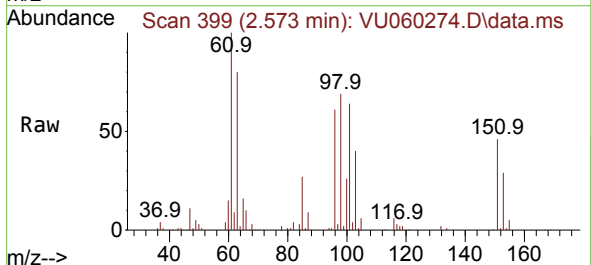
Instrument :
MSVOA_U
ClientSampleId :

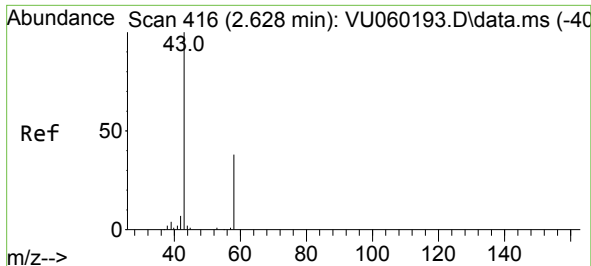
Tgt Ion:101 Resp: 73618
Ion Ratio Lower Upper
101 100
85 42.3 34.8 52.2
151 70.7 62.3 93.5



#12
1,1-Dichloroethene
Concen: 41.537 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU060274.D
Acq: 31 Jul 2024 10:48

Tgt Ion: 96 Resp: 61008
Ion Ratio Lower Upper
96 100
61 165.0 112.2 208.4
63 132.1 87.4 162.2





#13

Acetone

Concen: 86.474 ug/L

RT: 2.615 min Scan# 416

Delta R.T. -0.013 min

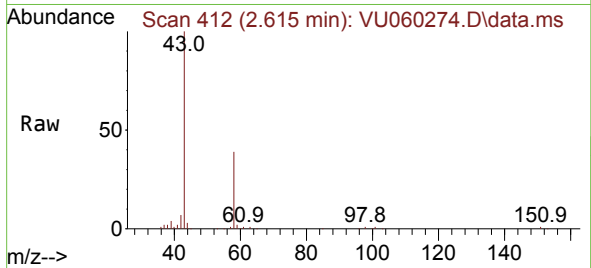
Lab File: VU060274.D

Acq: 31 Jul 2024 10:48

Instrument :

MSVOA_U

ClientSampleId :

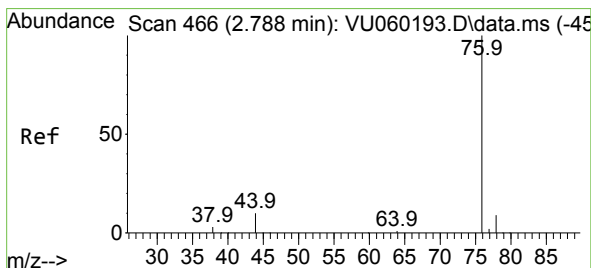
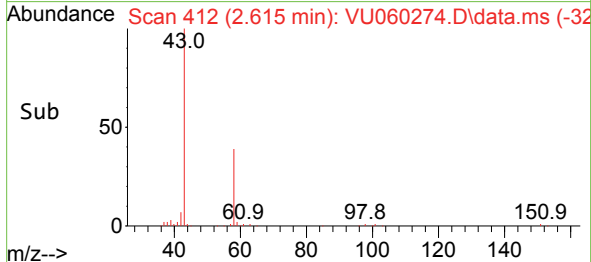
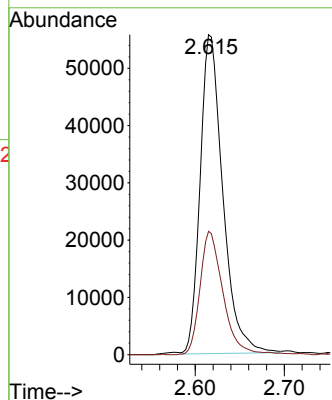


Tgt Ion: 43 Resp: 98424

Ion Ratio Lower Upper

43 100

58 38.7 0.0 73.8



#14

Carbon disulfide

Concen: 36.525 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU060274.D

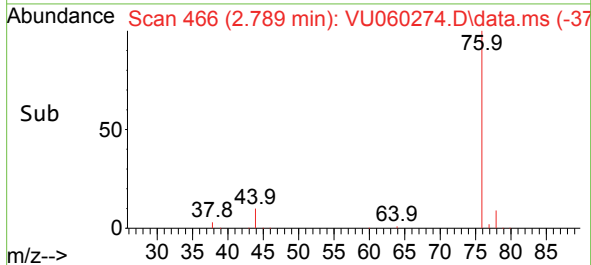
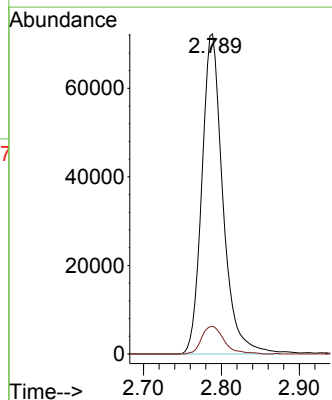
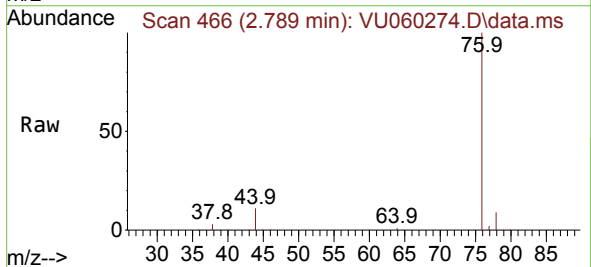
Acq: 31 Jul 2024 10:48

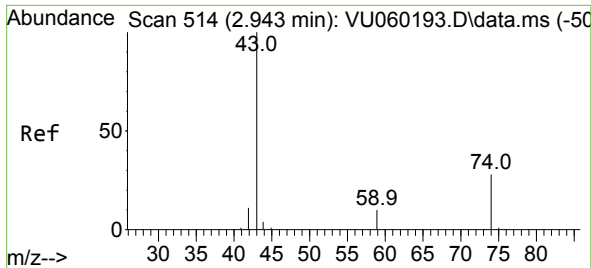
Tgt Ion: 76 Resp: 135401

Ion Ratio Lower Upper

76 100

78 8.6 7.0 10.4

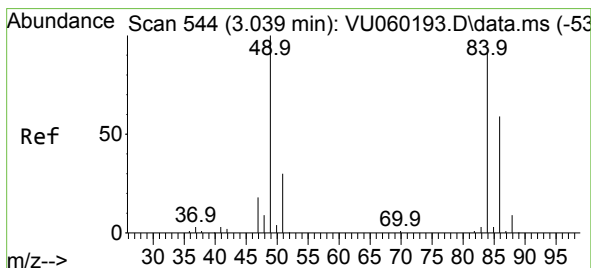
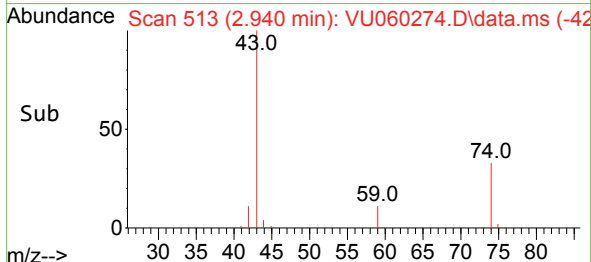
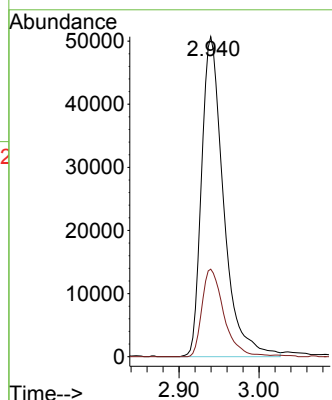
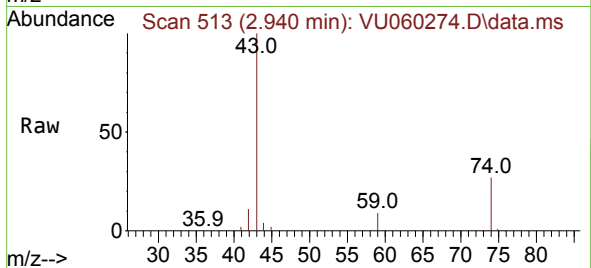




#15
Methyl Acetate
Concen: 56.701 ug/L
RT: 2.940 min Scan# 514
Delta R.T. -0.003 min
Lab File: VU060274.D
Acq: 31 Jul 2024 10:48

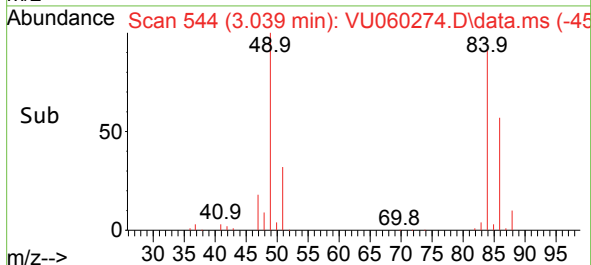
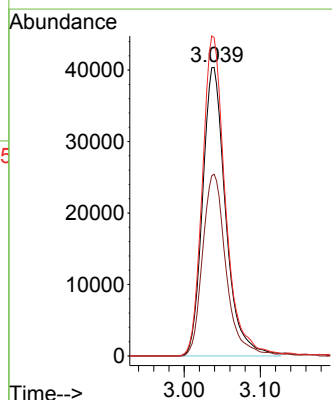
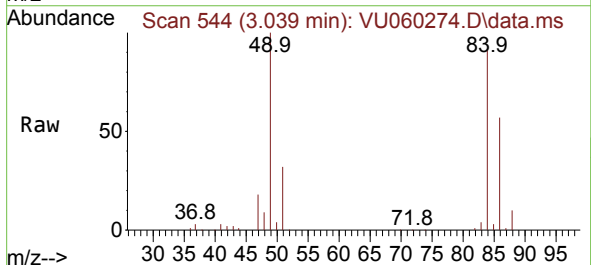
Instrument :
MSVOA_U
ClientSampleId :

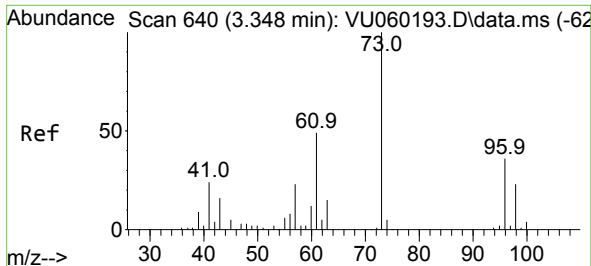
Tgt Ion: 43 Resp: 97300
Ion Ratio Lower Upper
43 100
74 26.7 24.1 36.1



#16
Methylene chloride
Concen: 45.908 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU060274.D
Acq: 31 Jul 2024 10:48

Tgt Ion: 84 Resp: 85027
Ion Ratio Lower Upper
84 100
86 63.0 44.7 83.1
49 110.3 71.6 133.0

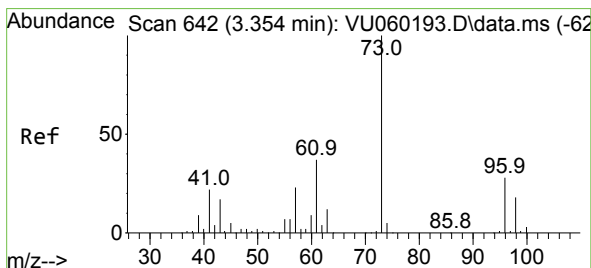
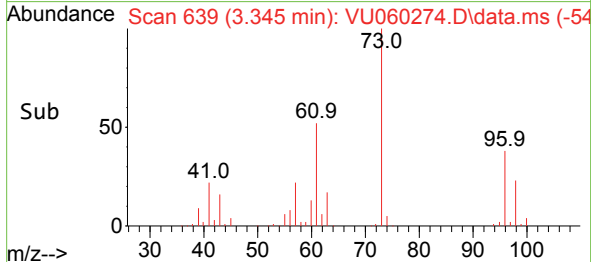
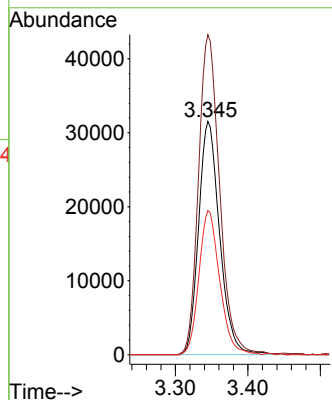
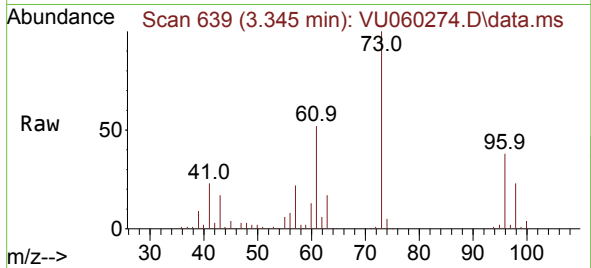




#17
trans-1,2-Dichloroethene
Concen: 42.007 ug/L
RT: 3.345 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU060274.D
Acq: 31 Jul 2024 10:48

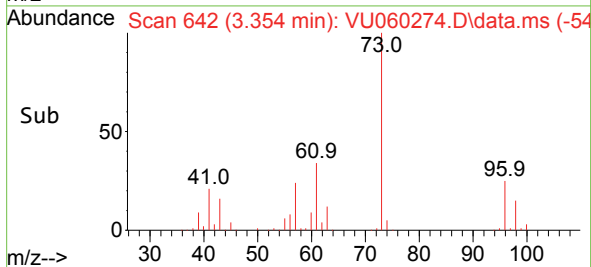
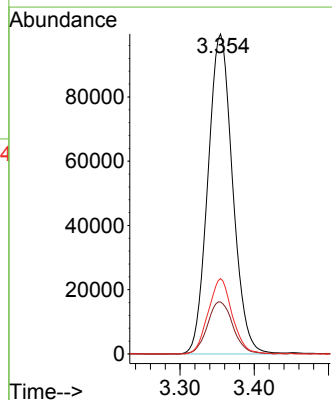
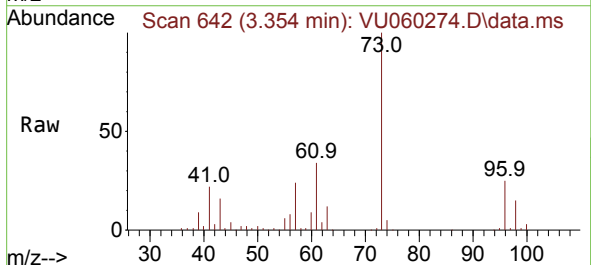
Instrument :
MSVOA_U
ClientSampleId :

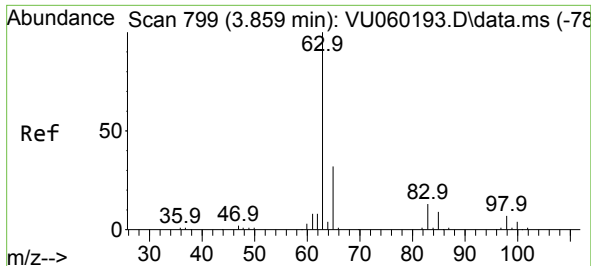
Tgt Ion: 96 Resp: 63518
Ion Ratio Lower Upper
96 100
61 137.2 90.6 168.3
98 61.8 44.9 83.3



#18
Methyl tert-butyl Ether
Concen: 46.828 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU060274.D
Acq: 31 Jul 2024 10:48

Tgt Ion: 73 Resp: 229981
Ion Ratio Lower Upper
73 100
43 16.9 14.1 21.1
57 22.9 17.1 25.7





#19

1,1-Dichloroethane

Concen: 49.322 ug/L

RT: 3.859 min Scan# 799

Delta R.T. 0.000 min

Lab File: VU060274.D

Acq: 31 Jul 2024 10:48

Instrument :

MSVOA_U

ClientSampleId :

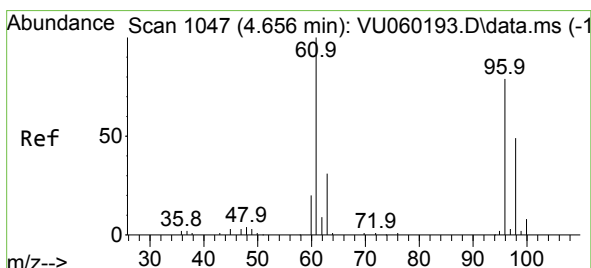
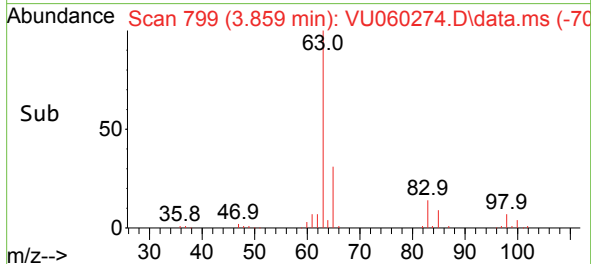
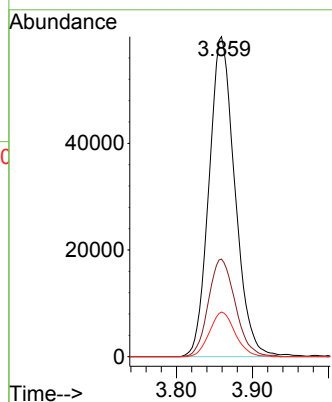
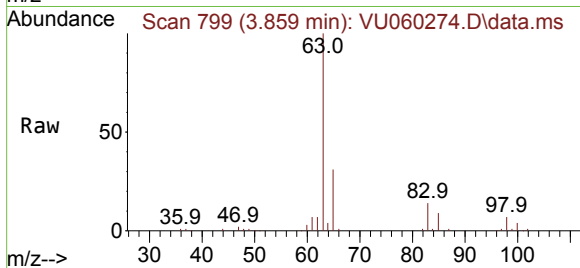
Tgt Ion: 63 Resp: 141450

Ion Ratio Lower Upper

63 100

65 30.5 23.3 43.3

83 13.9 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 44.435 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. 0.000 min

Lab File: VU060274.D

Acq: 31 Jul 2024 10:48

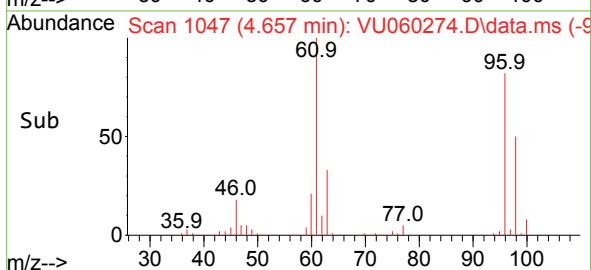
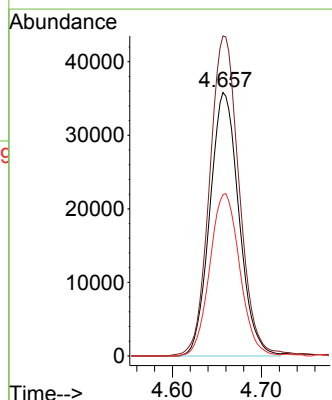
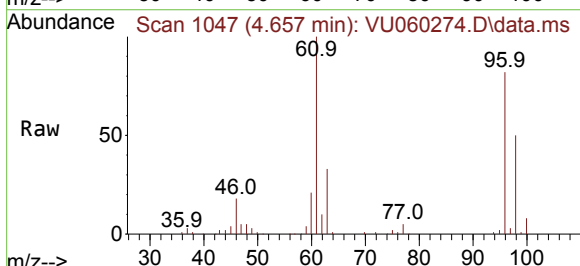
Tgt Ion: 96 Resp: 81361

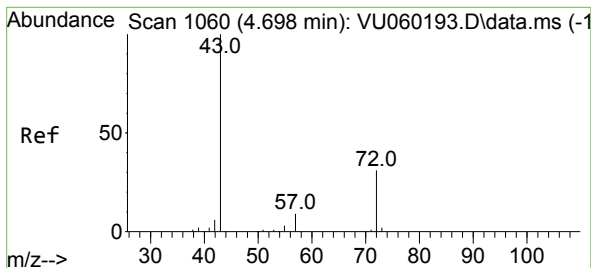
Ion Ratio Lower Upper

96 100

61 121.4 83.2 154.4

98 61.2 45.9 85.3





#22

2-Butanone

Concen: 101.764 ug/L

RT: 4.692 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VU060274.D

Acq: 31 Jul 2024 10:48

Instrument :

MSVOA_U

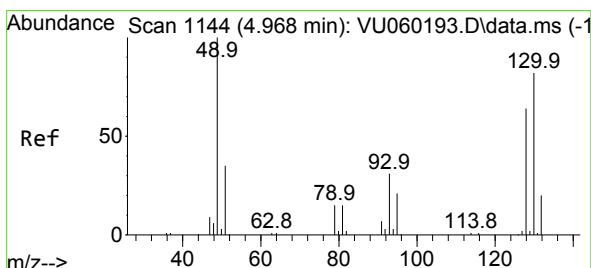
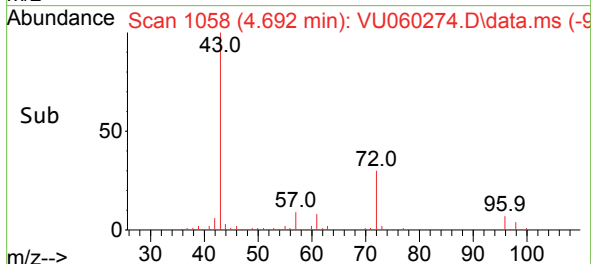
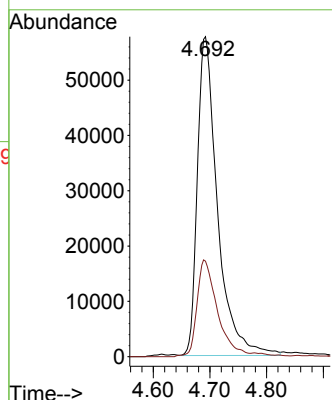
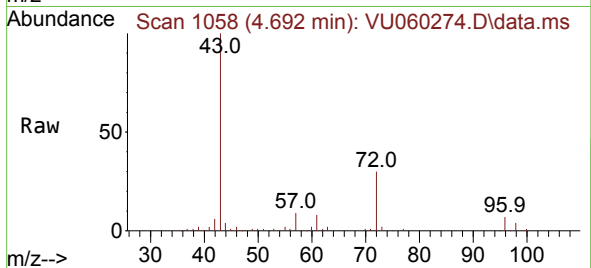
ClientSampleId :

Tgt Ion: 43 Resp: 142505

Ion Ratio Lower Upper

43 100

72 30.6 16.4 49.2



#23

Bromochloromethane

Concen: 44.308 ug/L

RT: 4.965 min Scan# 1143

Delta R.T. -0.003 min

Lab File: VU060274.D

Acq: 31 Jul 2024 10:48

Tgt Ion:128 Resp: 42792

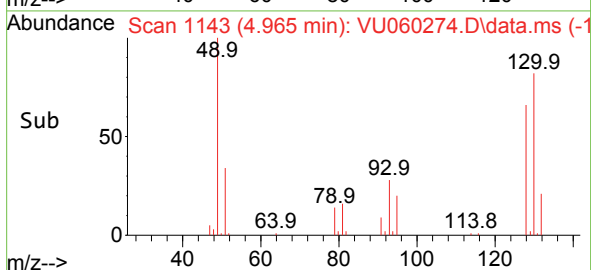
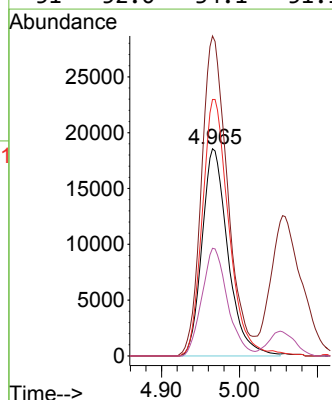
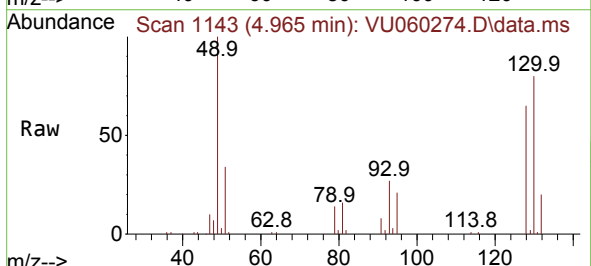
Ion Ratio Lower Upper

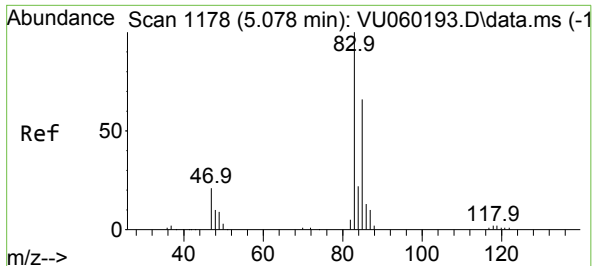
128 100

49 154.4 96.7 179.7

130 123.8 86.3 160.3

51 52.0 34.1 51.1#

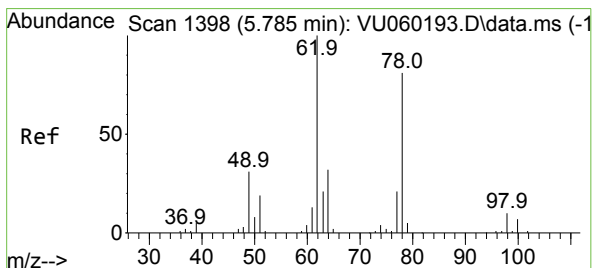
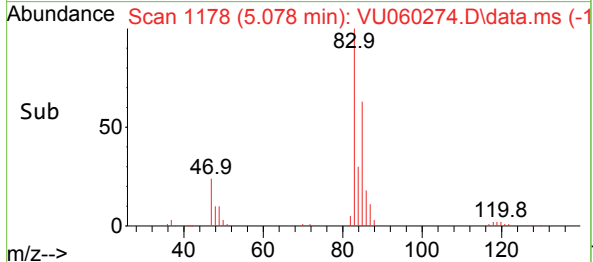
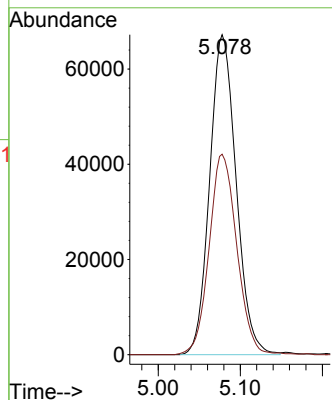
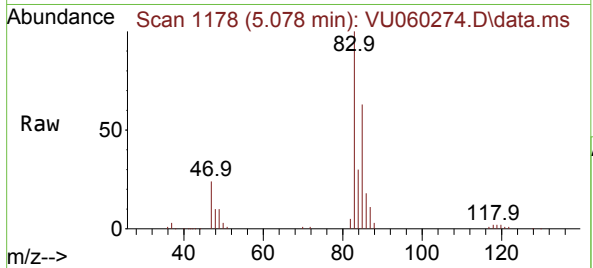




#25
Chloroform
Concen: 48.846 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU060274.D
Acq: 31 Jul 2024 10:48

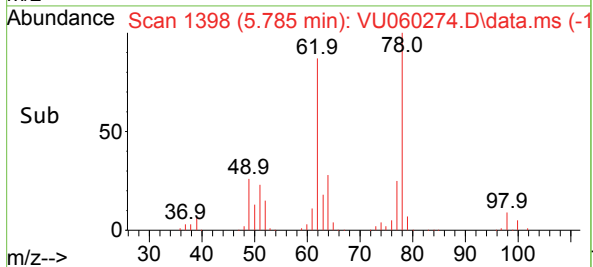
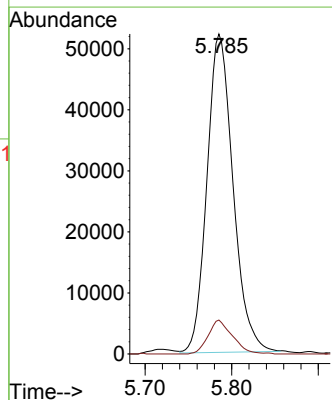
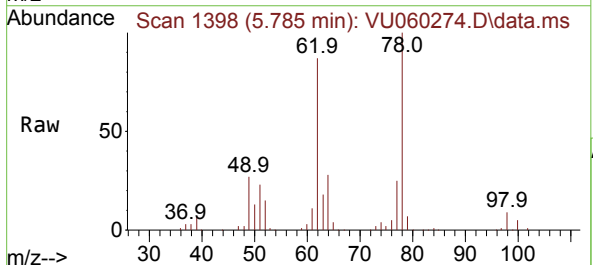
Instrument :
MSVOA_U
ClientSampleId :

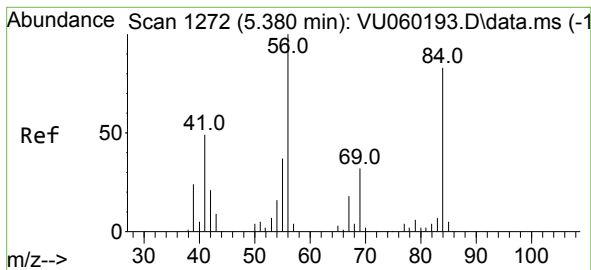
Tgt Ion: 83 Resp: 150743
Ion Ratio Lower Upper
83 100
85 62.7 46.7 86.7



#27
1,2-Dichloroethane
Concen: 46.596 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VU060274.D
Acq: 31 Jul 2024 10:48

Tgt Ion: 62 Resp: 109166
Ion Ratio Lower Upper
62 100
98 10.6 7.8 11.8





#29

Cyclohexane

Concen: 42.940 ug/L

RT: 5.380 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU060274.D

Acq: 31 Jul 2024 10:48

Instrument :

MSVOA_U

ClientSampleId :

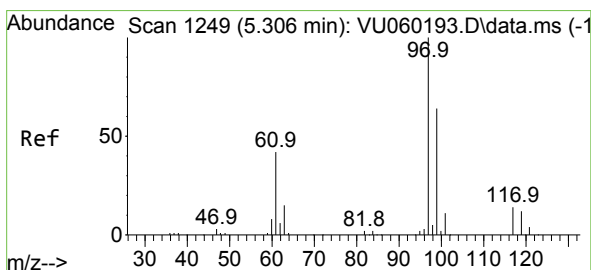
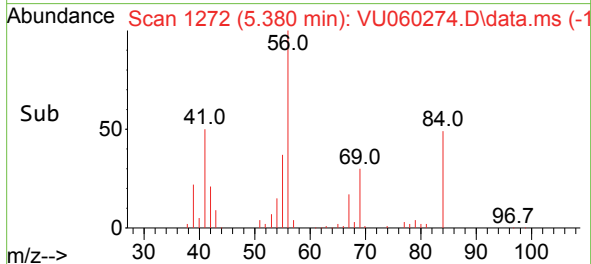
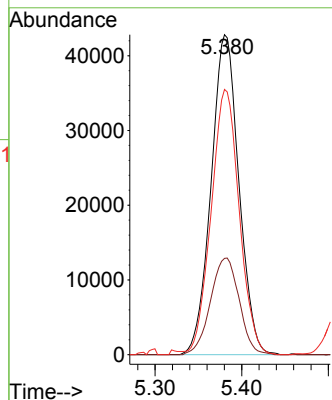
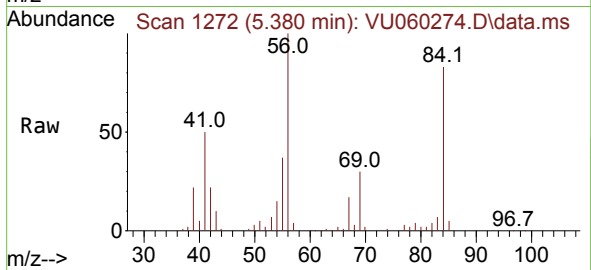
Tgt Ion: 56 Resp: 95465

Ion Ratio Lower Upper

56 100

69 31.2 26.0 39.0

84 83.7 75.5 113.3



#30

1,1,1-Trichloroethane

Concen: 45.228 ug/L

RT: 5.309 min Scan# 1250

Delta R.T. 0.003 min

Lab File: VU060274.D

Acq: 31 Jul 2024 10:48

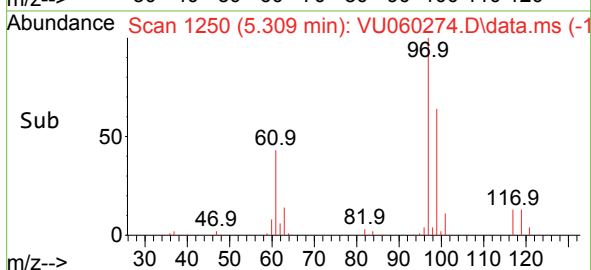
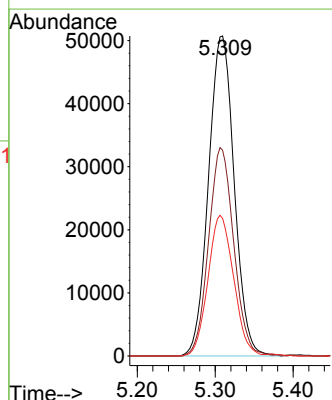
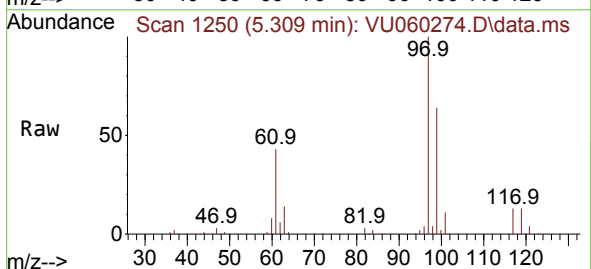
Tgt Ion: 97 Resp: 116335

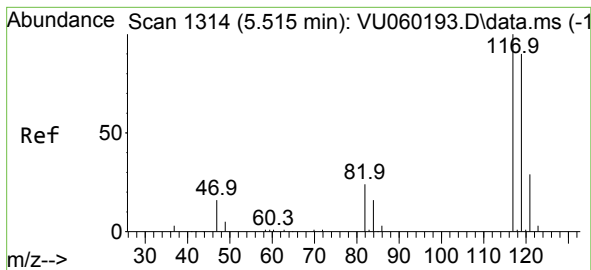
Ion Ratio Lower Upper

97 100

99 63.7 52.2 78.2

61 43.8 35.2 52.8

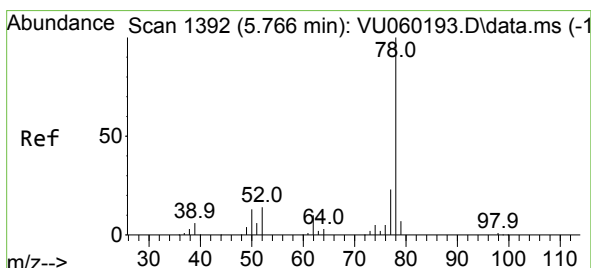
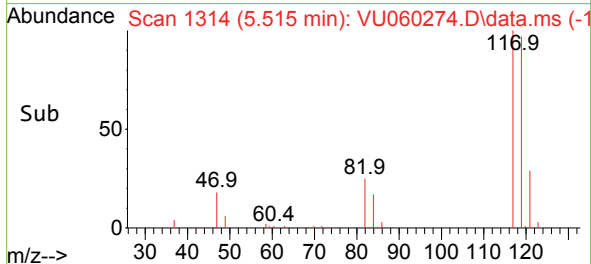
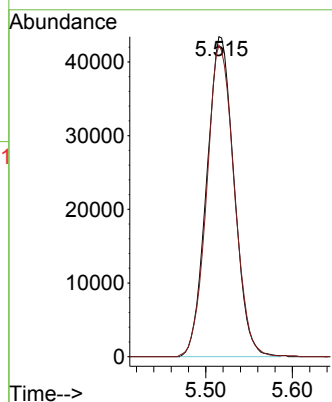
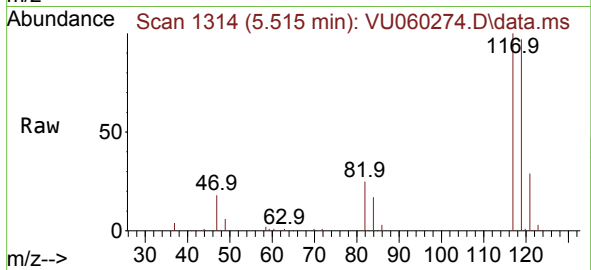




#31
Carbon tetrachloride
Concen: 44.846 ug/L
RT: 5.515 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU060274.D
Acq: 31 Jul 2024 10:48

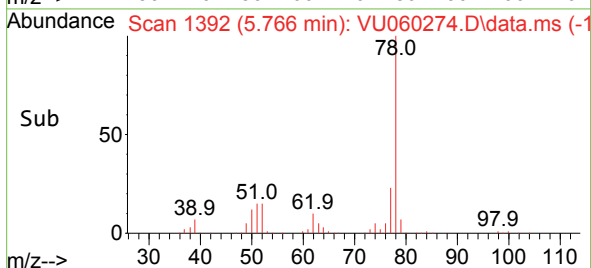
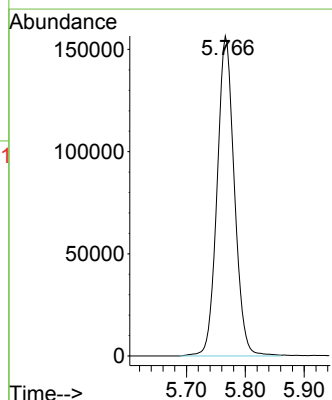
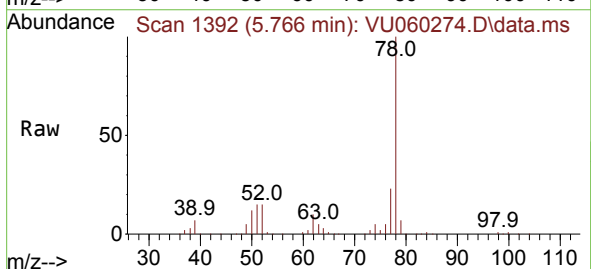
Instrument :
MSVOA_U
ClientSampleId :

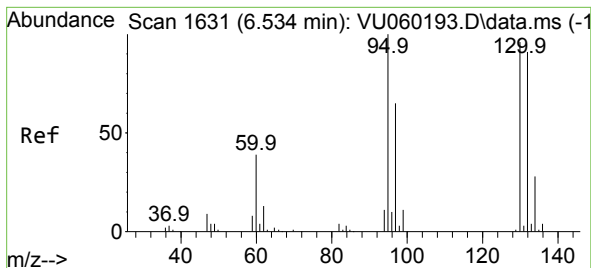
Tgt Ion:117 Resp: 95285
Ion Ratio Lower Upper
117 100
119 97.6 77.6 116.4



#33
Benzene
Concen: 47.630 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU060274.D
Acq: 31 Jul 2024 10:48

Tgt Ion: 78 Resp: 319350





#34

Trichloroethene

Concen: 43.141 ug/L

RT: 6.538 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU060274.D

Acq: 31 Jul 2024 10:48

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 77189

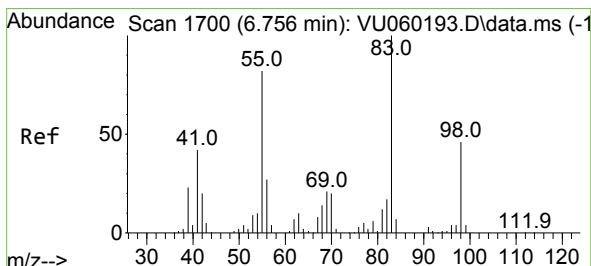
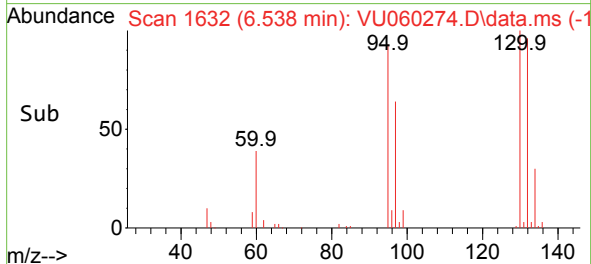
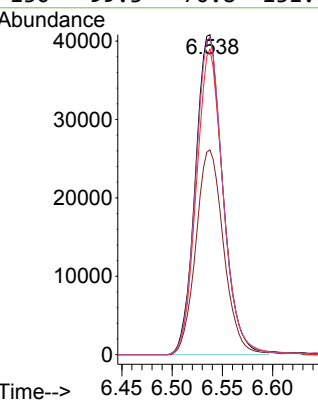
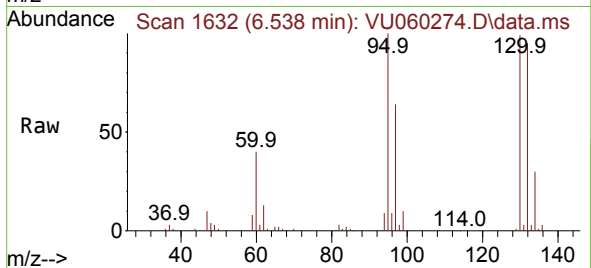
Ion Ratio Lower Upper

95 100

97 64.0 45.8 85.2

132 95.5 69.8 129.6

130 99.3 70.8 131.6



#35

Methylcyclohexane

Concen: 40.453 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU060274.D

Acq: 31 Jul 2024 10:48

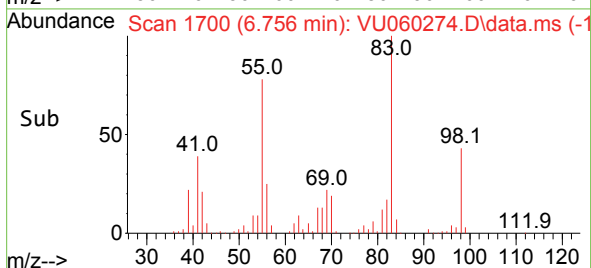
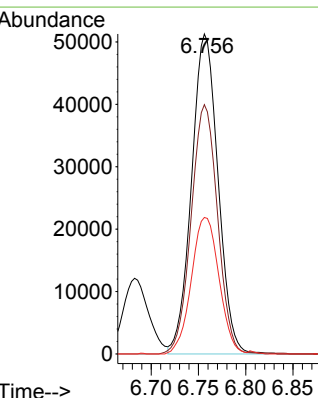
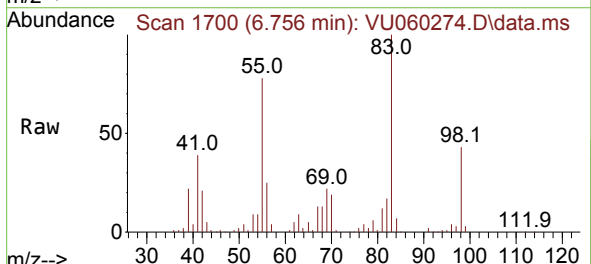
Tgt Ion: 83 Resp: 99960

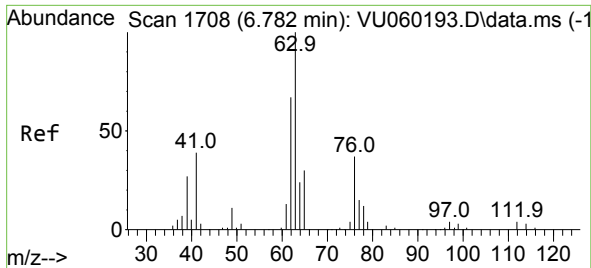
Ion Ratio Lower Upper

83 100

55 77.5 56.8 85.2

98 44.5 36.5 54.7

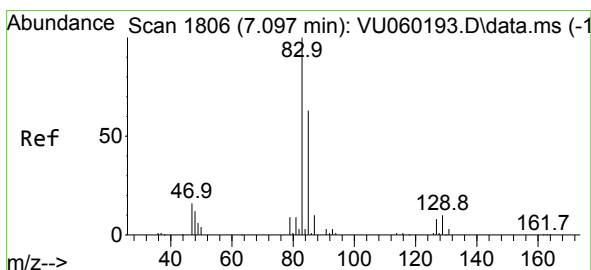
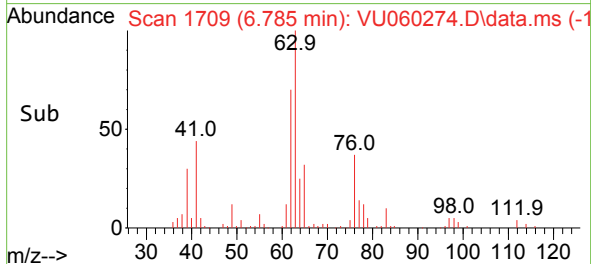
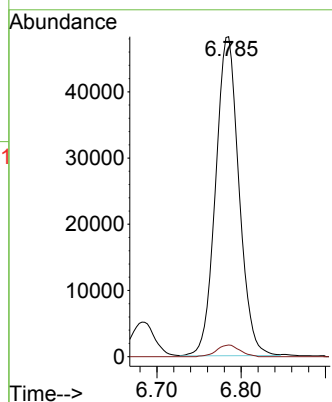
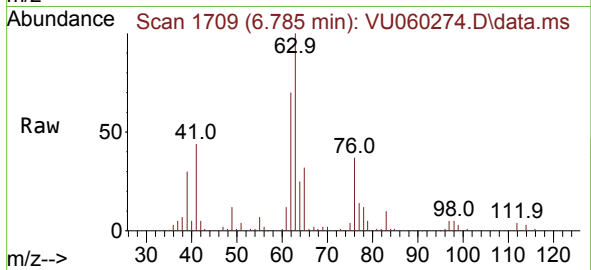




#37
1,2-Dichloropropane
Concen: 50.202 ug/L
RT: 6.785 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU060274.D
Acq: 31 Jul 2024 10:48

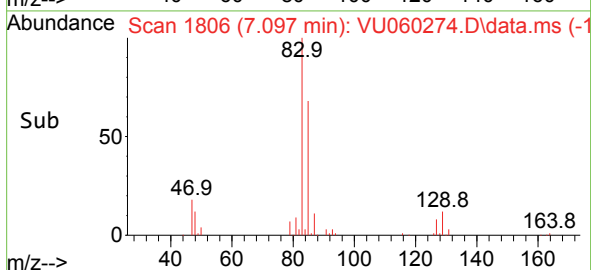
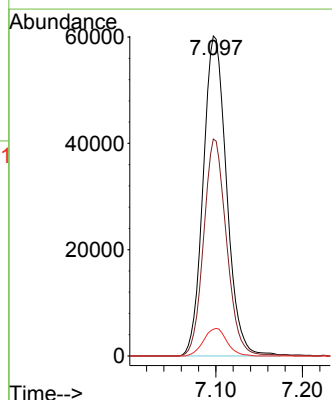
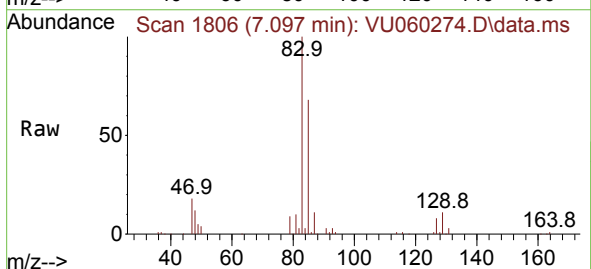
Instrument :
MSVOA_U
ClientSampleId :

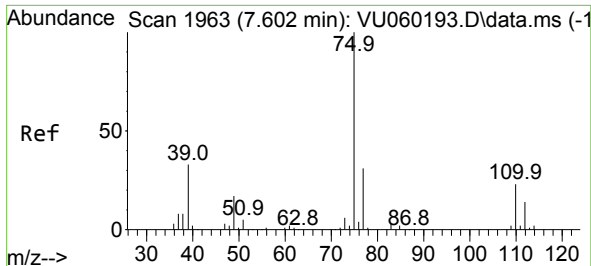
Tgt Ion: 63 Resp: 92647
Ion Ratio Lower Upper
63 100
112 3.7 3.0 4.6



#38
Bromodichloromethane
Concen: 48.384 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU060274.D
Acq: 31 Jul 2024 10:48

Tgt Ion: 83 Resp: 113138
Ion Ratio Lower Upper
83 100
85 67.8 45.0 83.6
127 8.3 7.4 11.2





#39

cis-1,3-Dichloropropene

Concen: 46.222 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VU060274.D

Acq: 31 Jul 2024 10:48

Instrument :

MSVOA_U

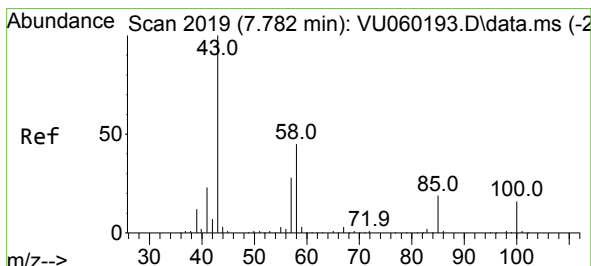
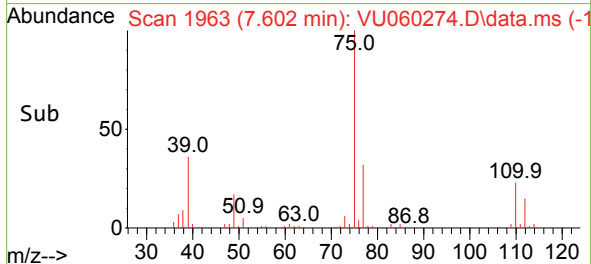
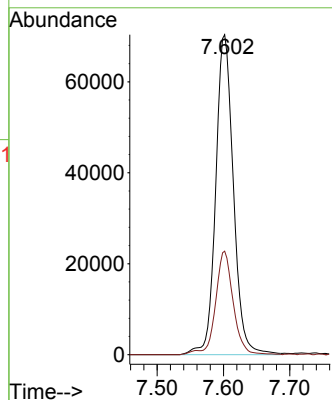
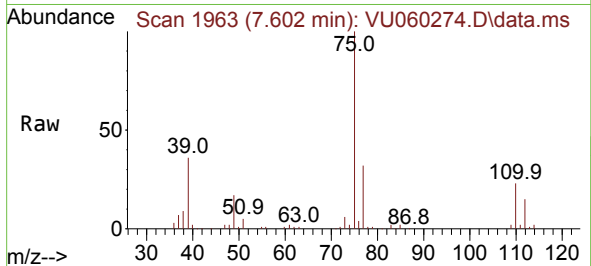
ClientSampleId :

Tgt Ion: 75 Resp: 130512

Ion Ratio Lower Upper

75 100

77 32.3 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 110.391 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VU060274.D

Acq: 31 Jul 2024 10:48

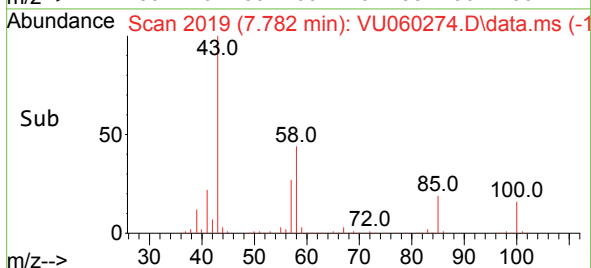
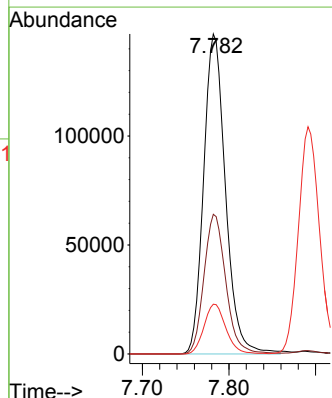
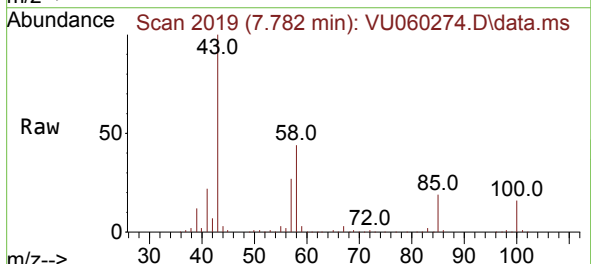
Tgt Ion: 43 Resp: 257487

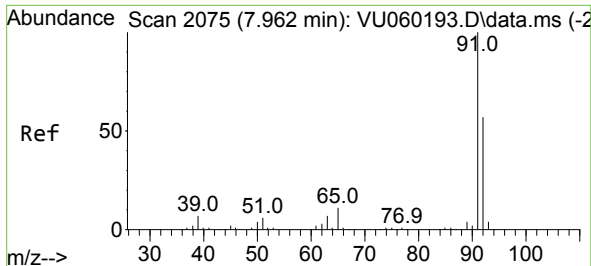
Ion Ratio Lower Upper

43 100

58 43.7 35.3 52.9

100 15.6 14.6 22.0





#42

Toluene

Concen: 45.690 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU060274.D

Acq: 31 Jul 2024 10:48

Instrument :

MSVOA_U

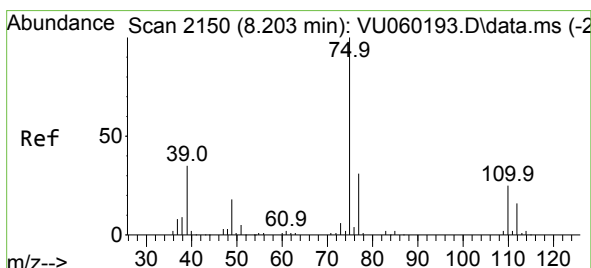
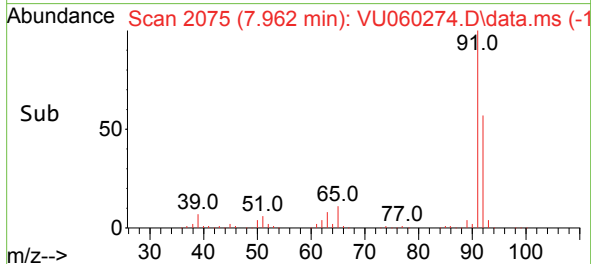
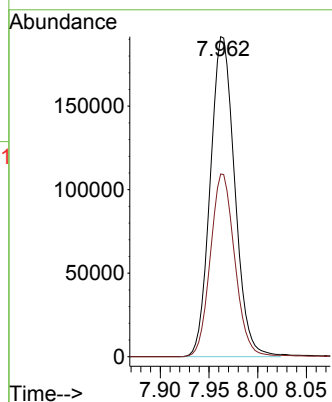
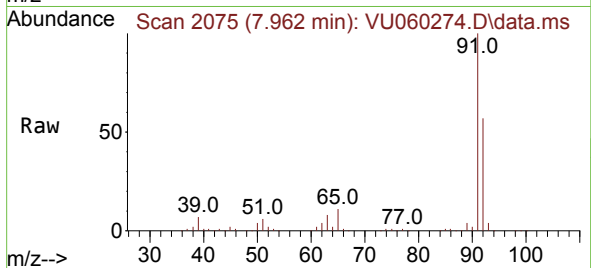
ClientSampleId :

Tgt Ion: 91 Resp: 334433

Ion Ratio Lower Upper

91 100

92 57.1 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 47.551 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU060274.D

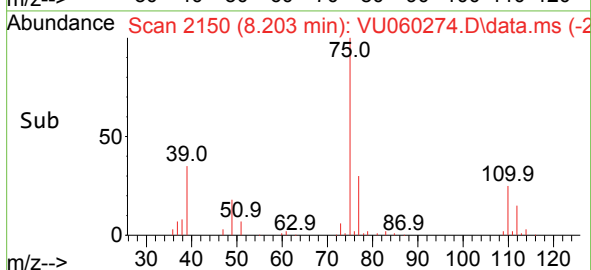
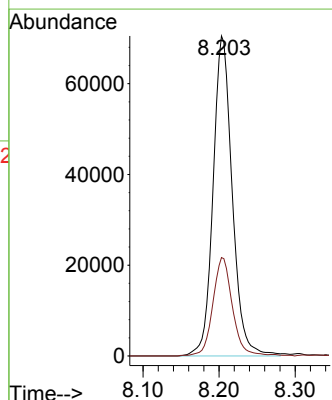
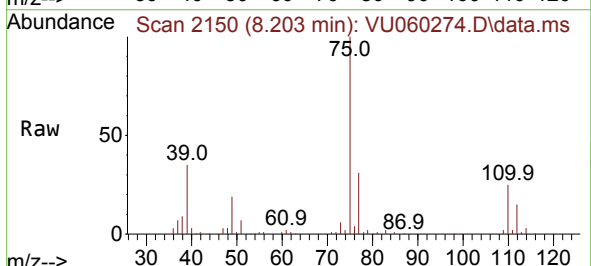
Acq: 31 Jul 2024 10:48

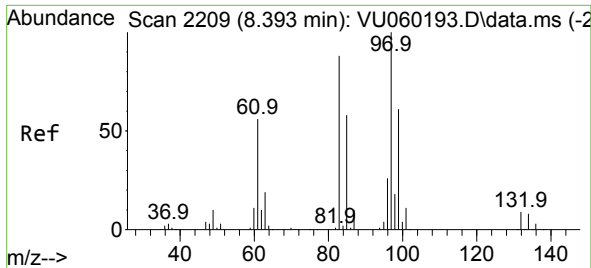
Tgt Ion: 75 Resp: 123328

Ion Ratio Lower Upper

75 100

77 30.7 21.7 40.3

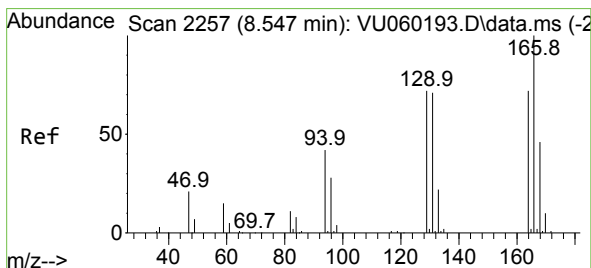
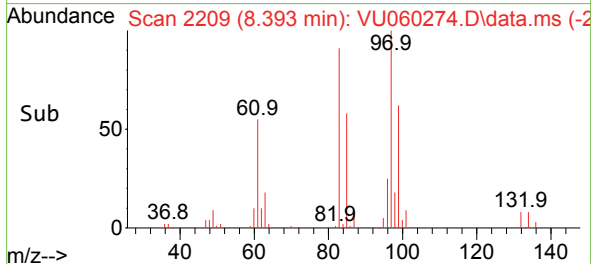
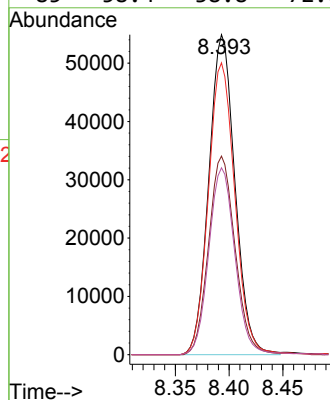
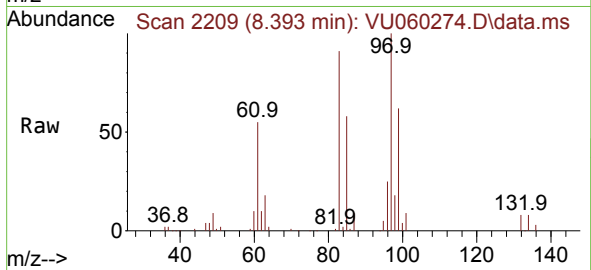




#45
1,1,2-Trichloroethane
Concen: 48.081 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU060274.D
Acq: 31 Jul 2024 10:48

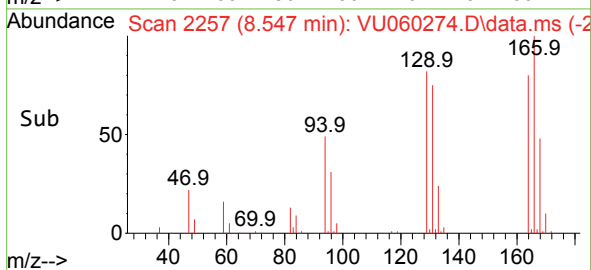
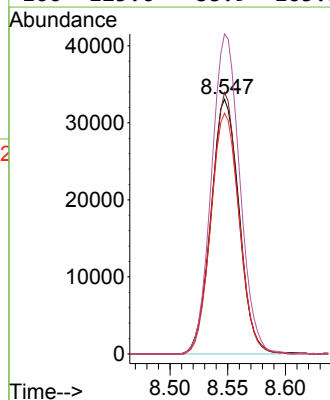
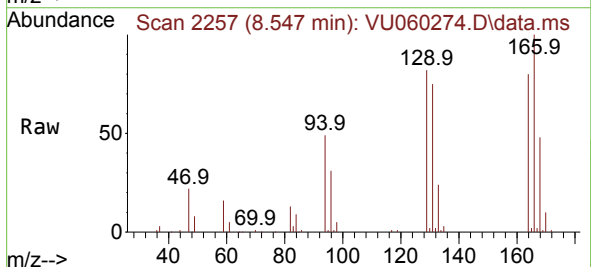
Instrument :
MSVOA_U
ClientSampleId :

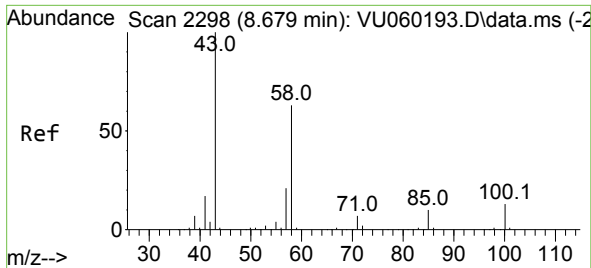
Tgt Ion:	97	Resp:	92928
Ion	Ratio	Lower	Upper
97	100		
99	62.1	43.1	80.1
83	91.2	60.4	112.2
85	58.4	38.8	72.0



#46
Tetrachloroethene
Concen: 38.013 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU060274.D
Acq: 31 Jul 2024 10:48

Tgt Ion:	164	Resp:	55952
Ion	Ratio	Lower	Upper
164	100		
129	102.6	62.7	116.5
131	94.5	62.3	115.7
166	125.6	88.9	165.1

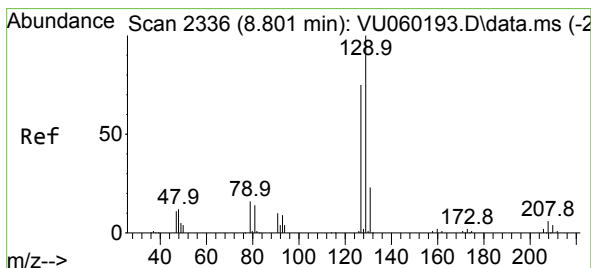
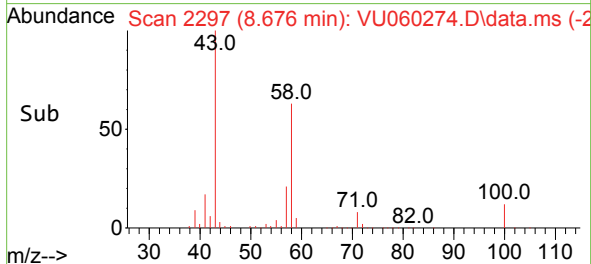
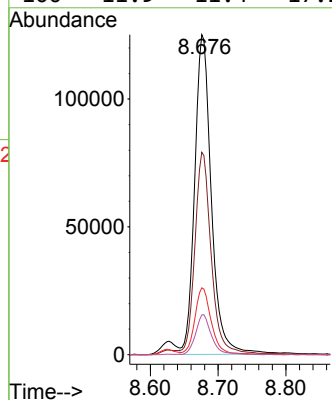
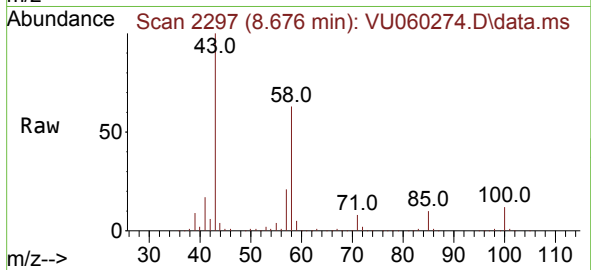




#48
2-Hexanone
Concen: 109.837 ug/L
RT: 8.676 min Scan# 2144
Delta R.T. -0.003 min
Lab File: VU060274.D
Acq: 31 Jul 2024 10:48

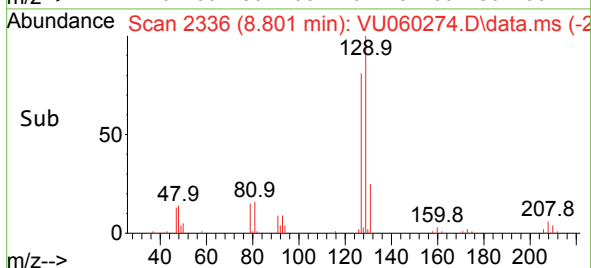
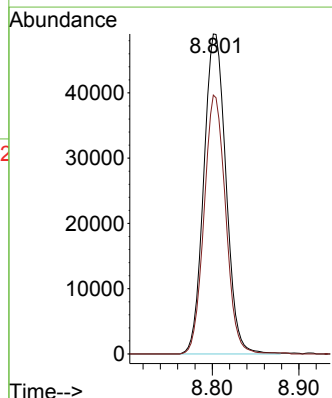
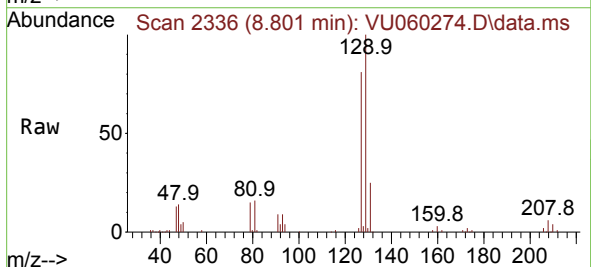
Instrument :
MSVOA_U
ClientSampleId :

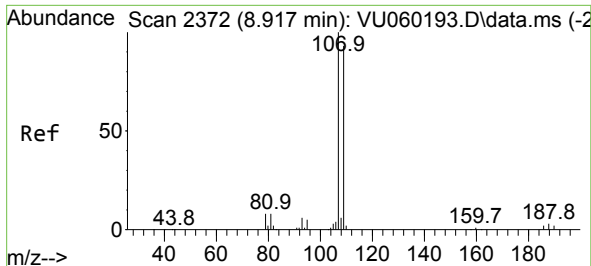
Tgt Ion: 43 Resp: 214417
Ion Ratio Lower Upper
43 100
58 61.1 49.0 73.6
57 19.5 16.7 25.1
100 11.9 11.4 17.2



#49
Dibromochloromethane
Concen: 45.834 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU060274.D
Acq: 31 Jul 2024 10:48

Tgt Ion:129 Resp: 87282
Ion Ratio Lower Upper
129 100
127 80.9 54.0 100.2





#50

1,2-Dibromoethane

Concen: 45.821 ug/L

RT: 8.917 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU060274.D

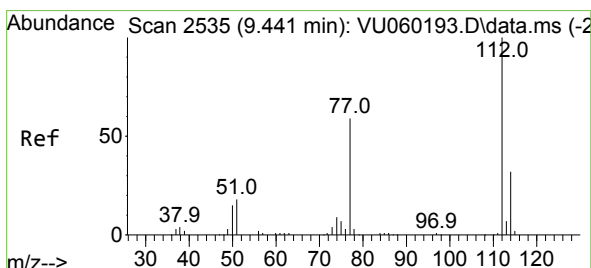
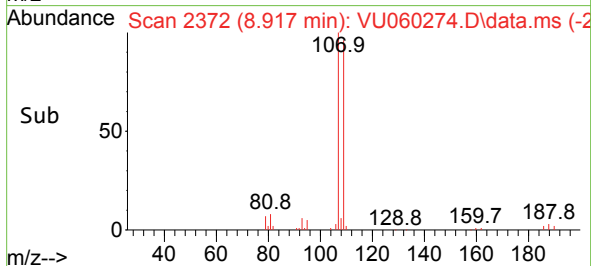
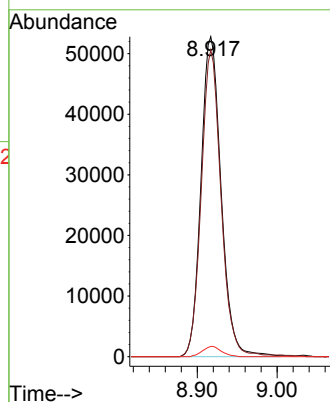
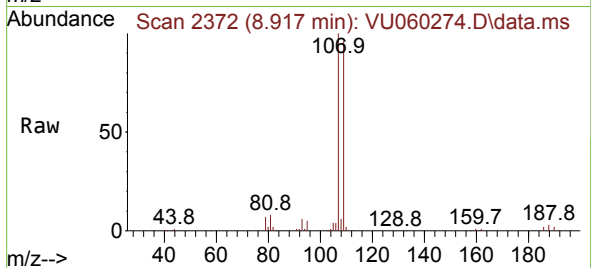
Acq: 31 Jul 2024 10:48

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	92595
Ion Ratio	Lower	Upper	
107	100		
109	95.8	65.5	121.6
188	3.2	3.0	4.4



#51

Chlorobenzene

Concen: 44.147 ug/L

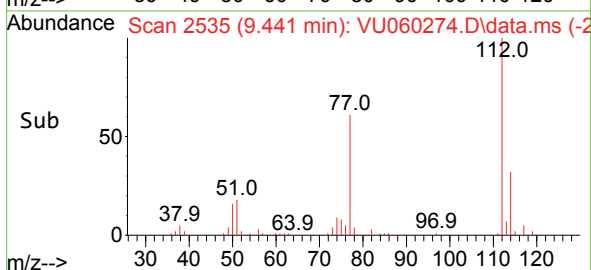
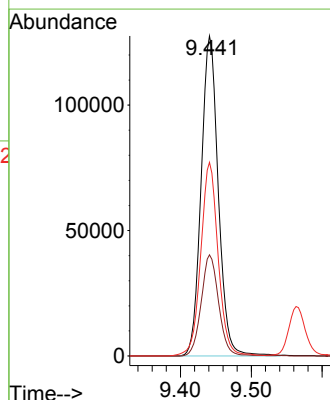
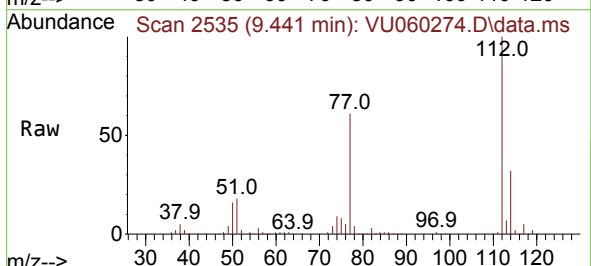
RT: 9.441 min Scan# 2535

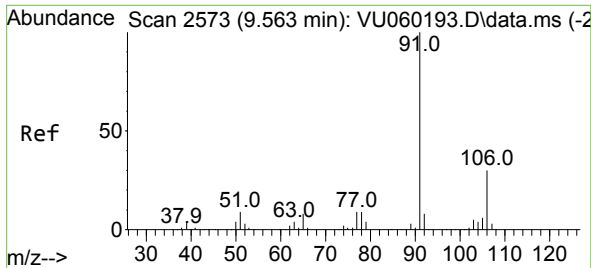
Delta R.T. 0.000 min

Lab File: VU060274.D

Acq: 31 Jul 2024 10:48

Tgt Ion:	112	Resp:	214522
Ion Ratio	Lower	Upper	
112	100		
114	31.6	22.7	42.3
77	60.5	45.8	68.6

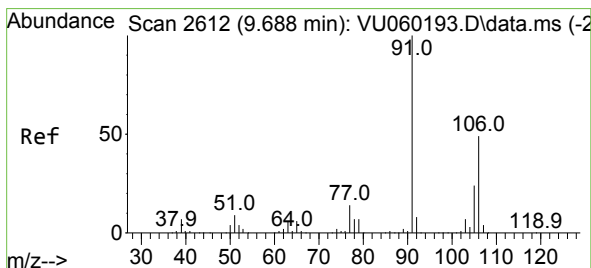
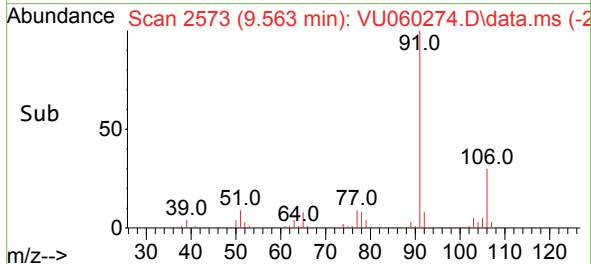
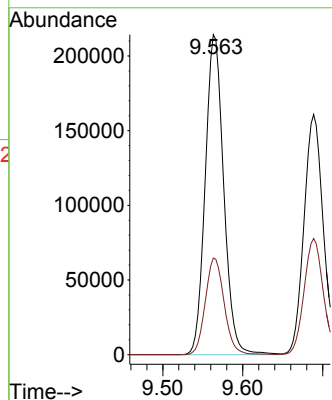
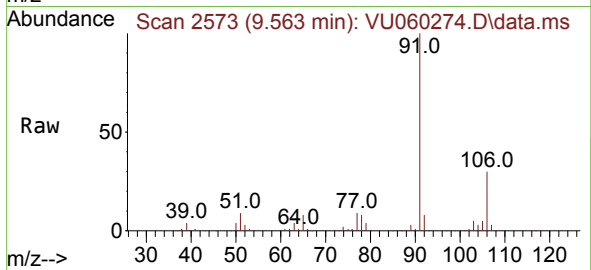




#52
Ethylbenzene
Concen: 44.122 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU060274.D
Acq: 31 Jul 2024 10:48

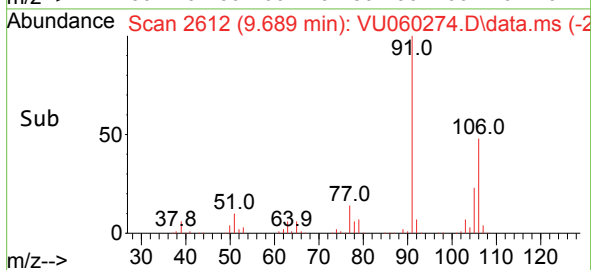
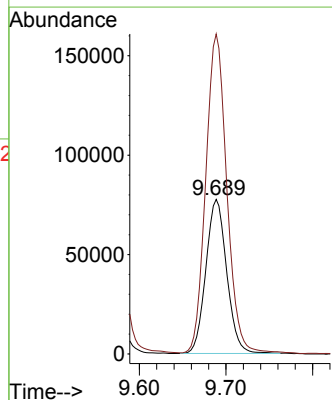
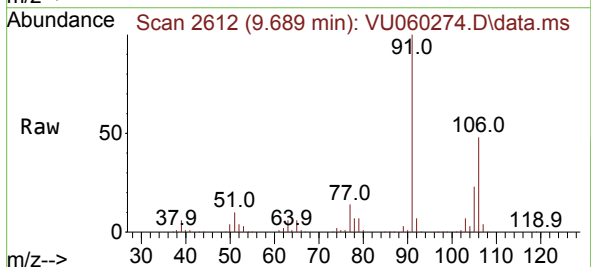
Instrument :
MSVOA_U
ClientSampleId :

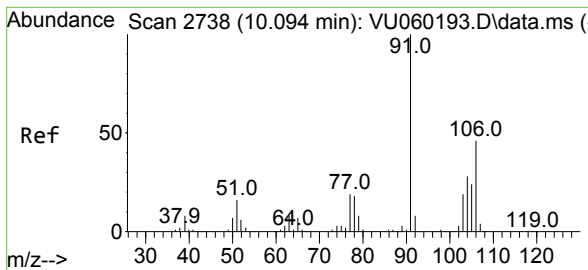
Tgt Ion: 91 Resp: 344878
Ion Ratio Lower Upper
91 100
106 30.2 22.4 41.6



#53
m,p-Xylene
Concen: 42.651 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU060274.D
Acq: 31 Jul 2024 10:48

Tgt Ion:106 Resp: 129804
Ion Ratio Lower Upper
106 100
91 207.0 140.9 261.7

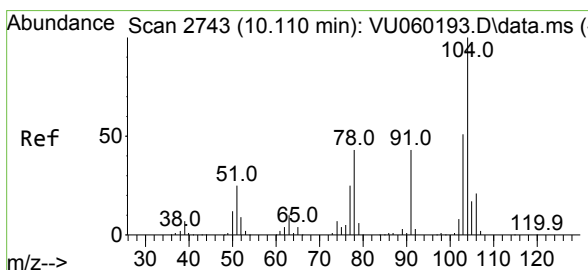
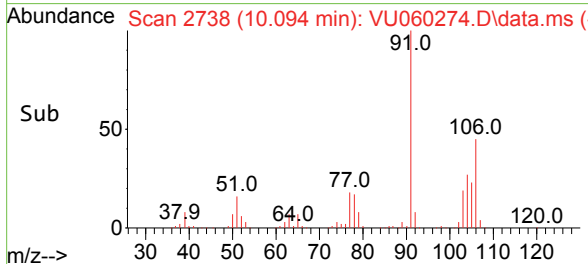
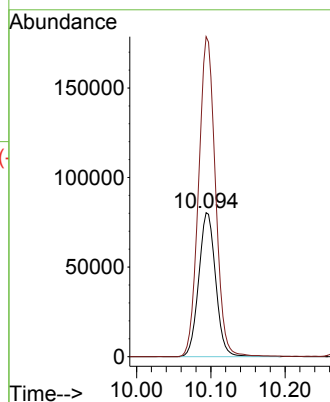
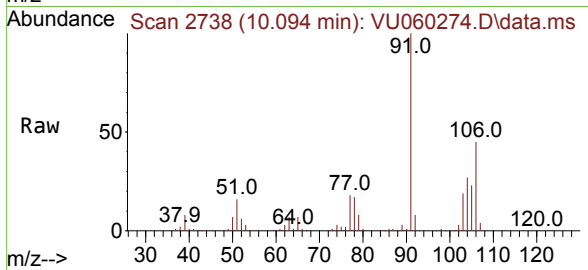




#54
o-Xylene
Concen: 43.510 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU060274.D
Acq: 31 Jul 2024 10:48

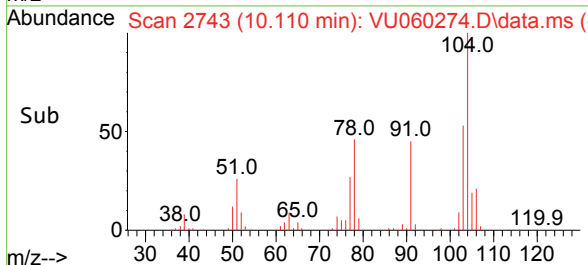
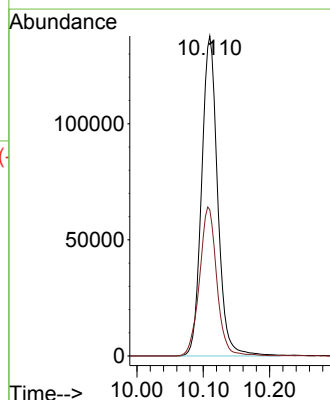
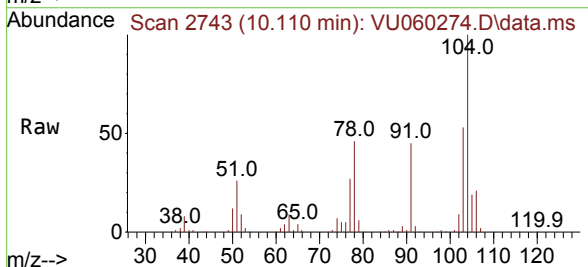
Instrument :
MSVOA_U
ClientSampleId :

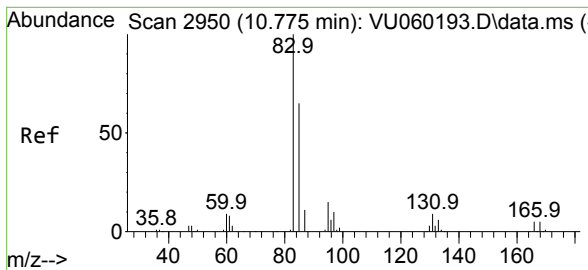
Tgt Ion:106 Resp: 127338
Ion Ratio Lower Upper
106 100
91 222.3 147.4 273.8



#55
Styrene
Concen: 46.897 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU060274.D
Acq: 31 Jul 2024 10:48

Tgt Ion:104 Resp: 231548
Ion Ratio Lower Upper
104 100
78 45.7 30.9 57.5

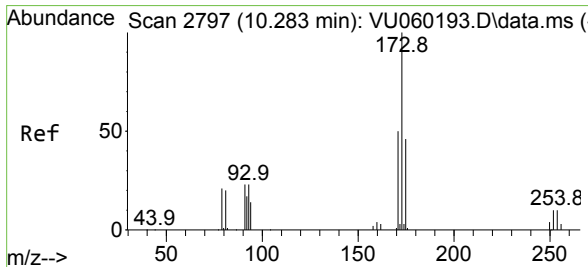
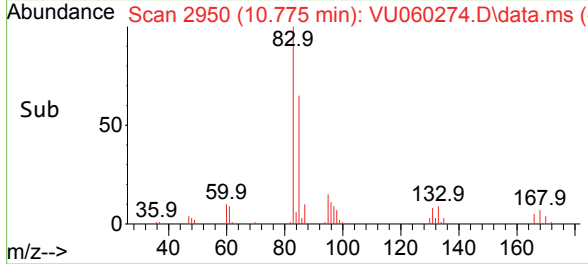
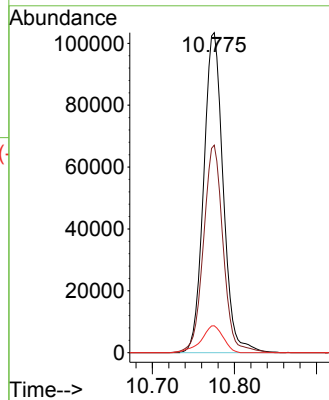
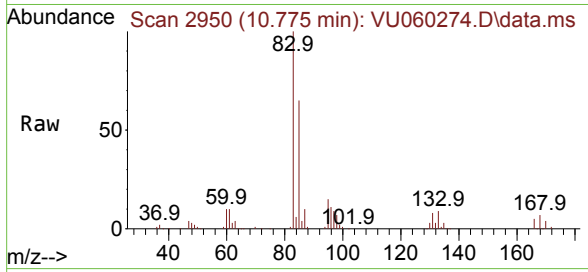




#57
 1,1,2,2-Tetrachloroethane
 Concen: 52.367 ug/L
 RT: 10.775 min Scan# 2950
 Delta R.T. 0.000 min
 Lab File: VU060274.D
 Acq: 31 Jul 2024 10:48

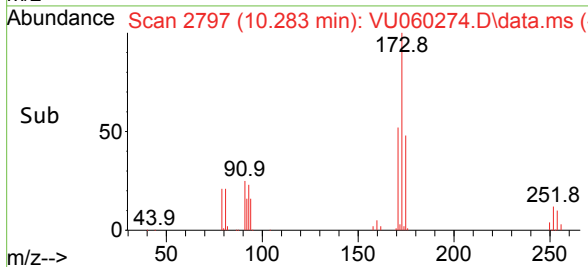
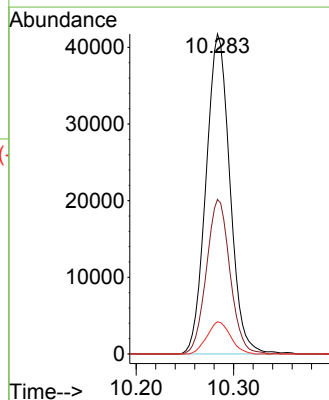
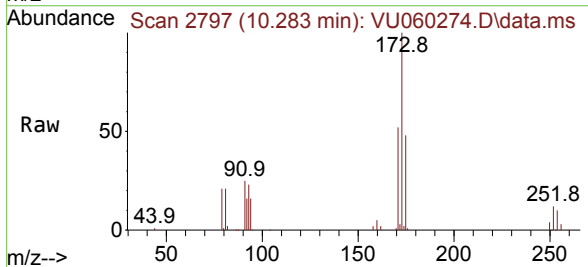
Instrument :
 MSVOA_U
 ClientSampleId :

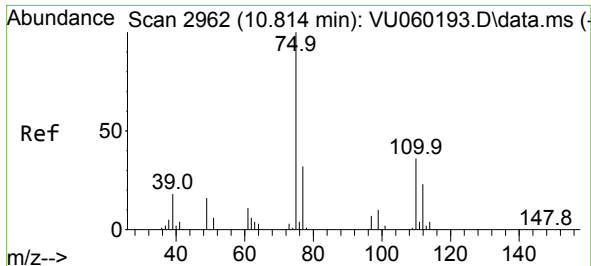
Tgt Ion:	83	Resp:	170682
Ion Ratio	Lower	Upper	
83	100		
85	64.8	45.4	84.2
131	8.4	7.5	11.3



#59
 Bromoform
 Concen: 48.573 ug/L
 RT: 10.283 min Scan# 2797
 Delta R.T. 0.000 min
 Lab File: VU060274.D
 Acq: 31 Jul 2024 10:48

Tgt Ion:	173	Resp:	71048
Ion Ratio	Lower	Upper	
173	100		
175	47.7	39.4	59.2
254	9.9	9.0	13.4

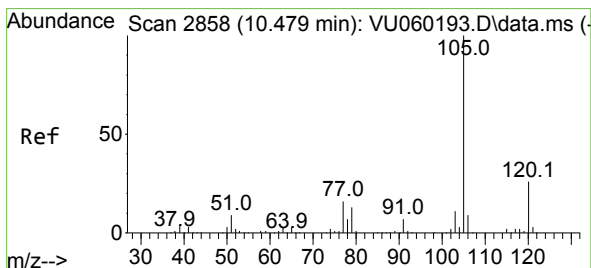
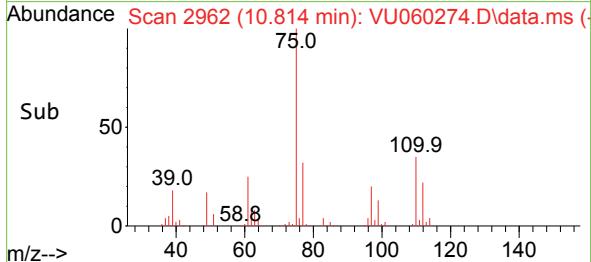
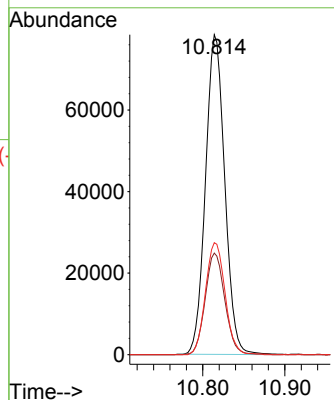
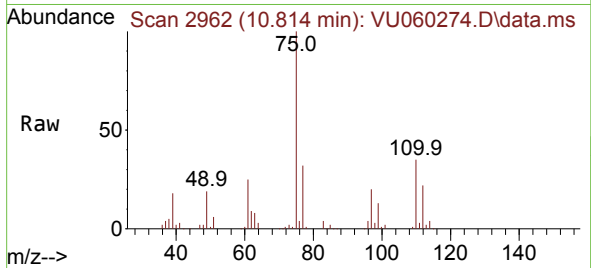




#60
1,2,3-Trichloropropane
Concen: 55.609 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. 0.000 min
Lab File: VU060274.D
Acq: 31 Jul 2024 10:48

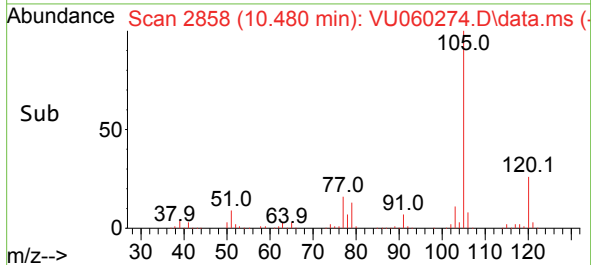
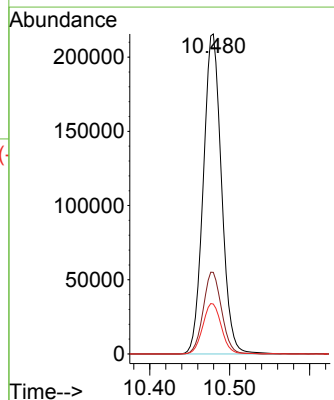
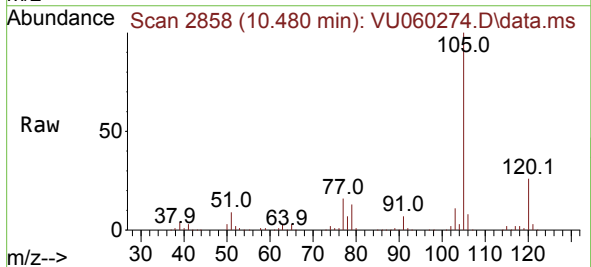
Instrument :
MSVOA_U
ClientSampleId :

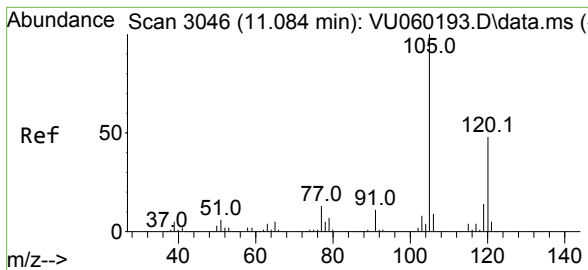
Tgt Ion: 75 Resp: 127673
Ion Ratio Lower Upper
75 100
77 32.5 25.5 38.3
110 35.6 30.7 46.1



#61
Isopropylbenzene
Concen: 48.435 ug/L
RT: 10.480 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU060274.D
Acq: 31 Jul 2024 10:48

Tgt Ion: 105 Resp: 341550
Ion Ratio Lower Upper
105 100
120 25.9 20.9 31.3
77 16.2 12.1 18.1

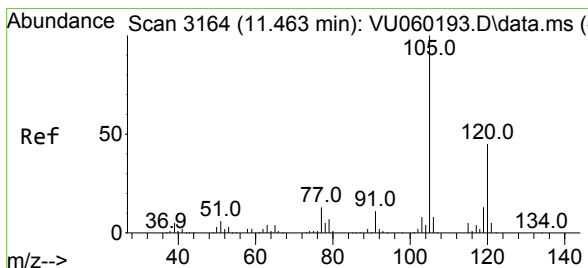
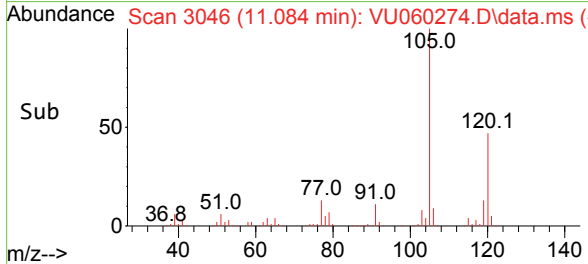
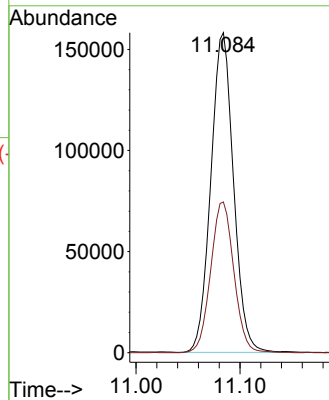
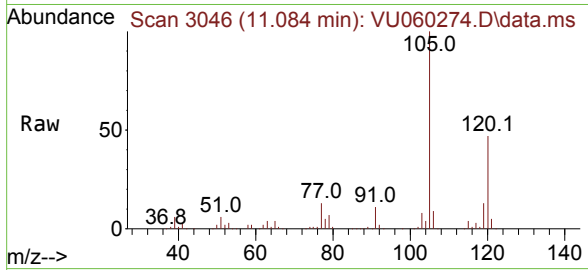




#62
 1,3,5-Trimethylbenzene
 Concen: 46.450 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. 0.000 min
 Lab File: VU060274.D
 Acq: 31 Jul 2024 10:48

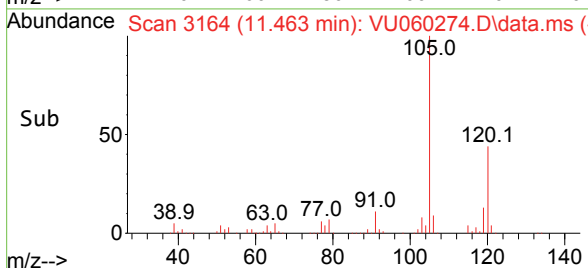
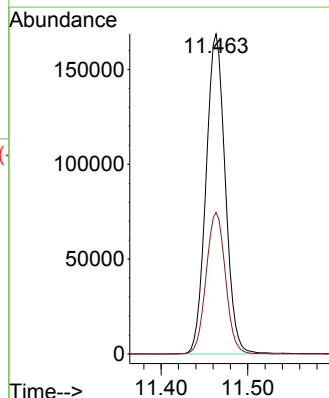
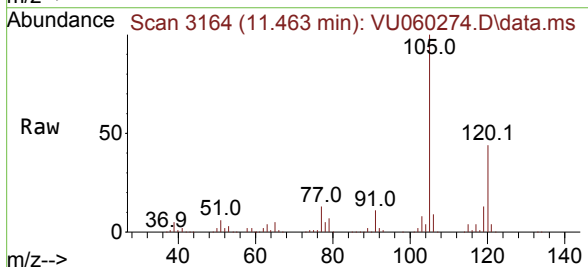
Instrument :
 MSVOA_U
 ClientSampleId :

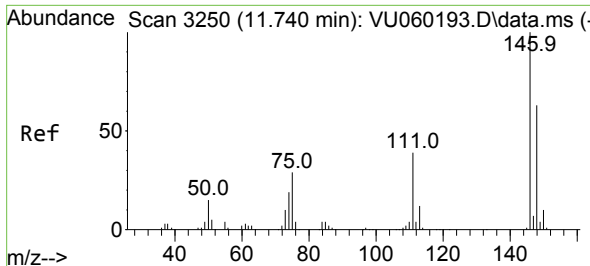
Tgt Ion:105 Resp: 239786
 Ion Ratio Lower Upper
 105 100
 120 48.1 39.5 59.3



#63
 1,2,4-Trimethylbenzene
 Concen: 47.095 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. 0.000 min
 Lab File: VU060274.D
 Acq: 31 Jul 2024 10:48

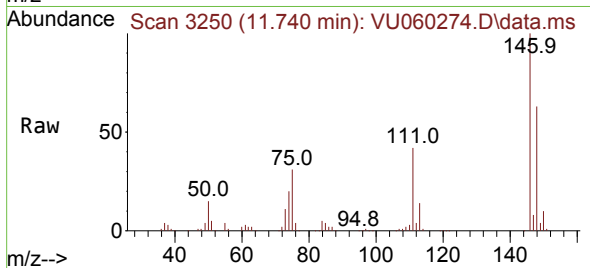
Tgt Ion:105 Resp: 260413
 Ion Ratio Lower Upper
 105 100
 120 44.2 37.0 55.6



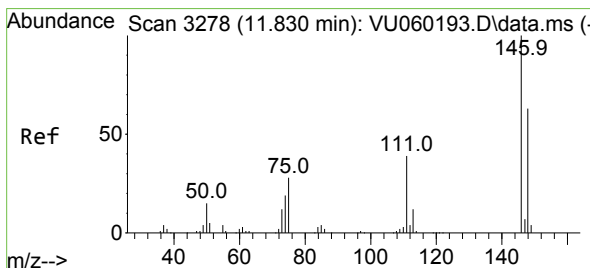
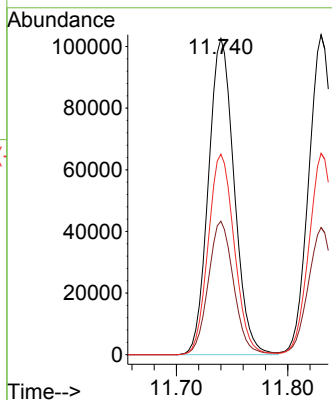
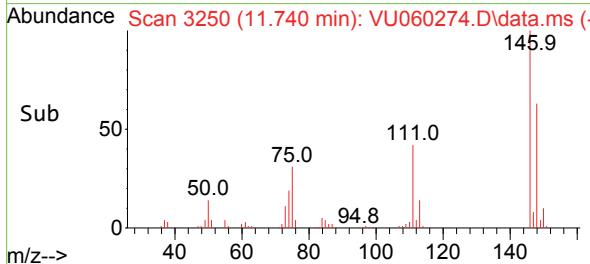


#64
1,3-Dichlorobenzene
Concen: 45.104 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU060274.D
Acq: 31 Jul 2024 10:48

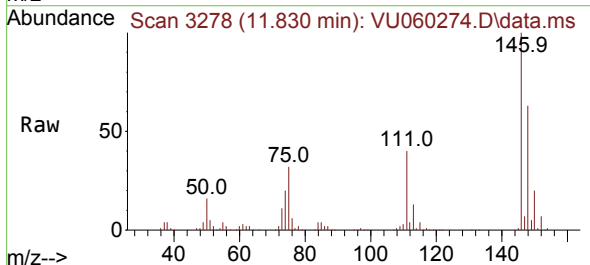
Instrument :
MSVOA_U
ClientSampleId :



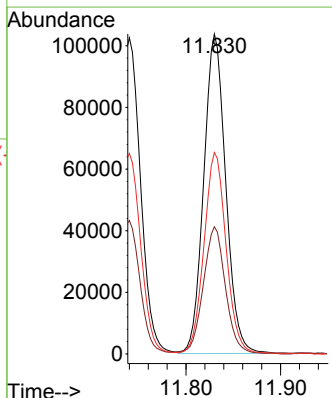
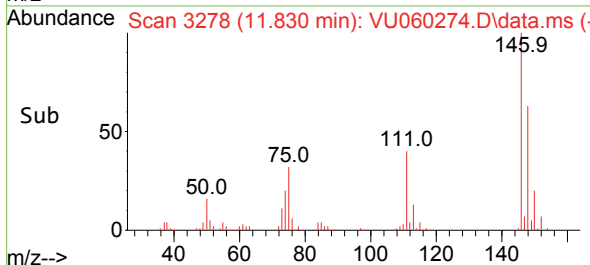
Tgt Ion:146 Resp: 164953
Ion Ratio Lower Upper
146 100
111 42.2 26.5 49.1
148 63.4 43.8 81.3

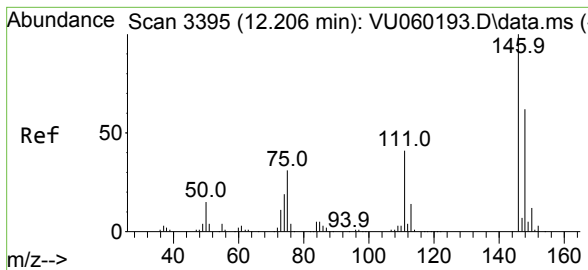


#65
1,4-Dichlorobenzene
Concen: 44.438 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU060274.D
Acq: 31 Jul 2024 10:48



Tgt Ion:146 Resp: 168001
Ion Ratio Lower Upper
146 100
111 39.8 25.9 48.1
148 62.9 44.0 81.8

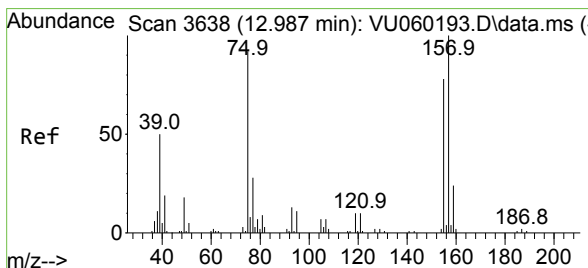
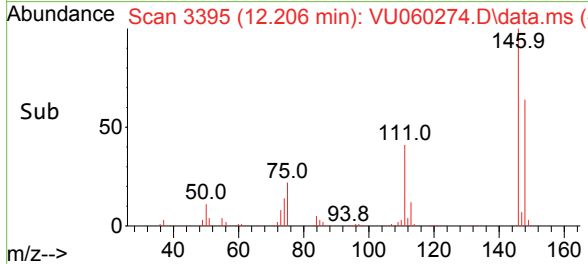
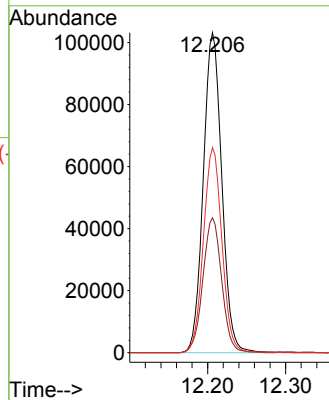
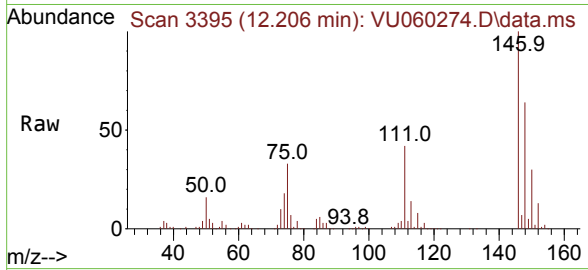




#67
1,2-Dichlorobenzene
Concen: 46.123 ug/L
RT: 12.206 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU060274.D
Acq: 31 Jul 2024 10:48

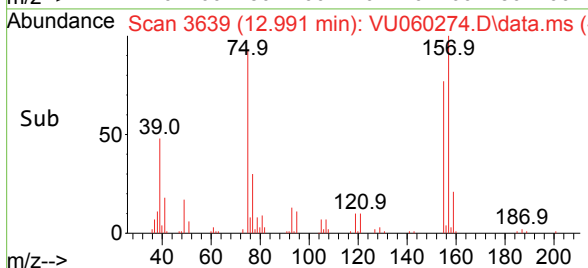
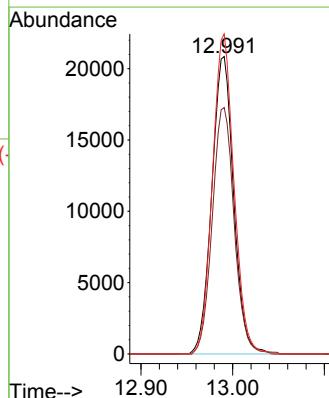
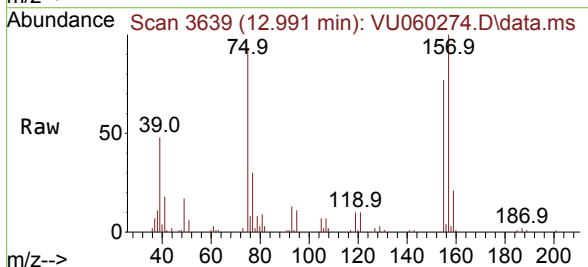
Instrument :
MSVOA_U
ClientSampleId :

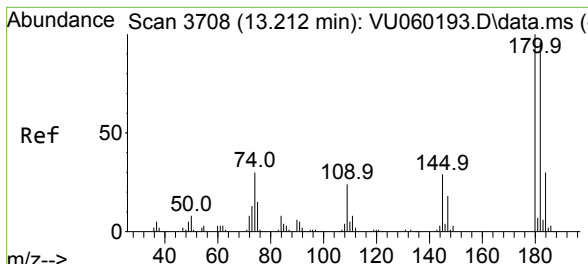
Tgt Ion:146 Resp: 170400
Ion Ratio Lower Upper
146 100
111 42.2 31.7 47.5
148 64.1 50.8 76.2



#68
1,2-Dibromo-3-chloropropane
Concen: 54.995 ug/L
RT: 12.991 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VU060274.D
Acq: 31 Jul 2024 10:48

Tgt Ion: 75 Resp: 34530
Ion Ratio Lower Upper
75 100
155 82.8 73.5 110.3
157 107.6 93.5 140.3

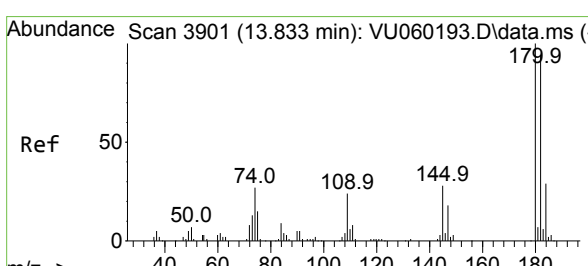
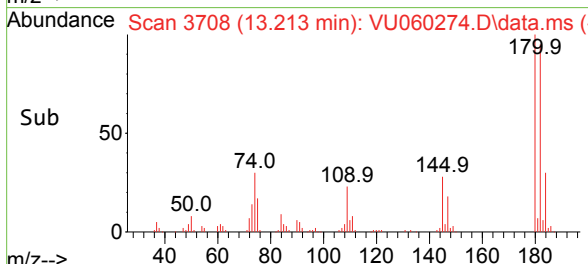
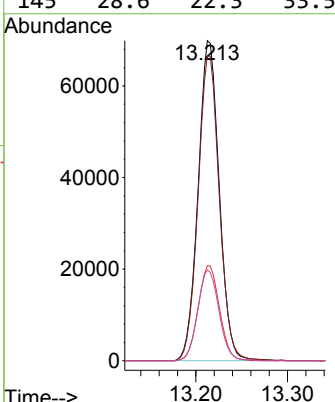
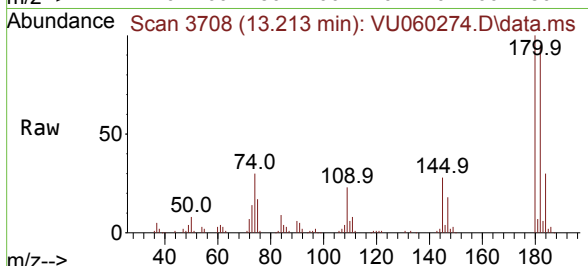




#69
 1,3,5-Trichlorobenzene
 Concen: 42.270 ug/L
 RT: 13.213 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU060274.D
 Acq: 31 Jul 2024 10:48

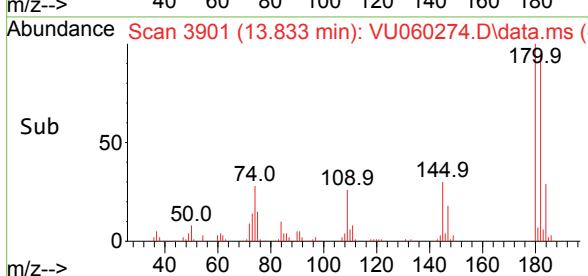
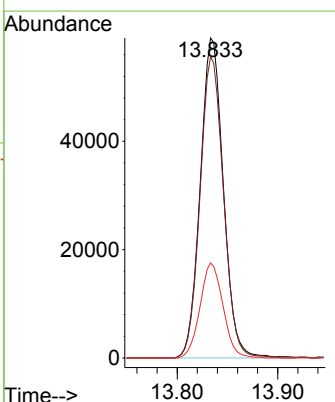
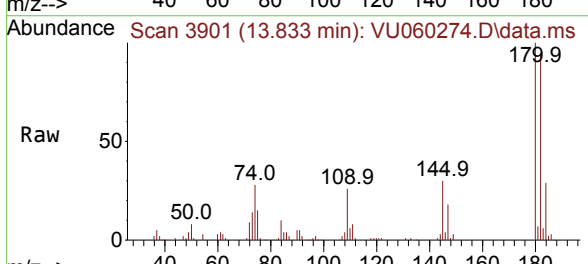
Instrument :
 MSVOA_U
 ClientSampleId :

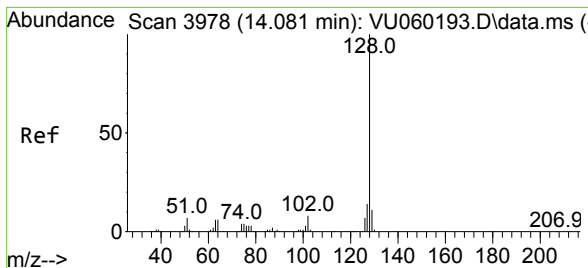
Tgt Ion:	180	Resp:	111457
Ion Ratio	Lower	Upper	
180	100		
182	96.0	75.8	113.8
184	30.1	24.7	37.1
145	28.6	22.3	33.5



#70
 1,2,4-trichlorobenzene
 Concen: 39.674 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. 0.000 min
 Lab File: VU060274.D
 Acq: 31 Jul 2024 10:48

Tgt Ion:	180	Resp:	94287
Ion Ratio	Lower	Upper	
180	100		
182	95.1	76.4	114.6
145	29.5	23.0	34.4





#71

Naphthalene

Concen: 44.431 ug/L

RT: 14.081 min Scan# 3978

Delta R.T. 0.000 min

Lab File: VU060274.D

Acq: 31 Jul 2024 10:48

Instrument :

MSVOA_U

ClientSampleId :

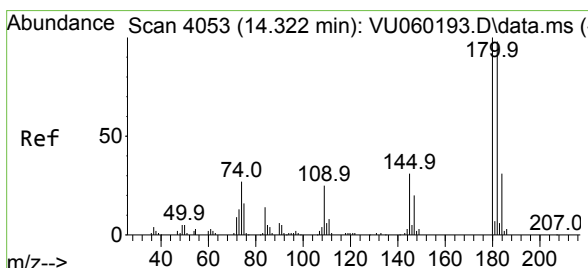
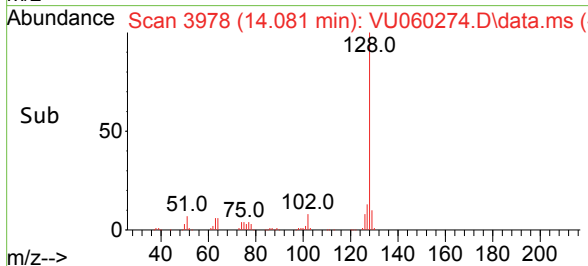
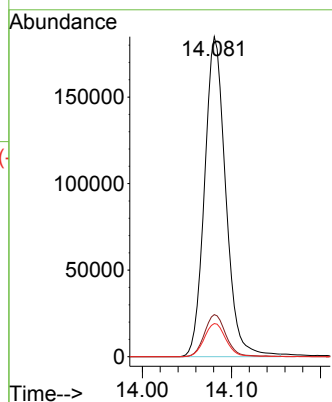
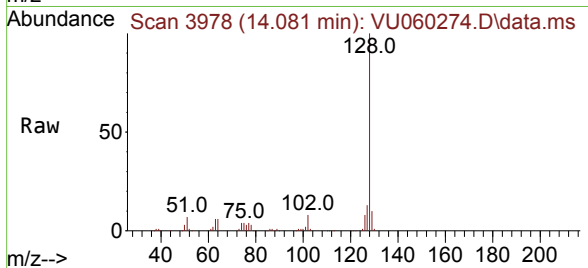
Tgt Ion:128 Resp: 305144

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 10.6 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 42.765 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. 0.000 min

Lab File: VU060274.D

Acq: 31 Jul 2024 10:48

Tgt Ion:180 Resp: 101970

Ion Ratio Lower Upper

180 100

182 96.1 75.8 113.8

145 31.7 24.5 36.7

