

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU073124\
 Data File : VU060284.D
 Acq On : 31 Jul 2024 16:37
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 01 00:23:09 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	247380	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	247036	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	123890	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	92248	58.078	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	116.160%
7) Chloroethane-d5	1.901	69	68693	51.417	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.840%
11) 1,1-Dichloroethene-d2	2.560	63	133913	47.457	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.920%
21) 2-Butanone-d5	4.612	46	122902	111.341	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.340%
24) Chloroform-d	5.055	84	144271	46.904	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.692	65	85235	46.605	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.200%
32) Benzene-d6	5.718	84	297072	46.961	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.920%
36) 1,2-Dichloropropane-d6	6.682	67	97695	49.899	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.800%
41) Toluene-d8	7.891	98	269416	44.785	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.580%
43) trans-1,3-Dichloroprop...	8.174	79	43850	47.863	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.720%
47) 2-Hexanone-d5	8.624	63	80029	96.991	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.990%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	146899	48.884	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.760%
66) 1,2-Dichlorobenzene-d4	12.187	152	97339	42.756	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	59271	38.579	ug/L	100
3) Chloromethane	1.518	50	74928	49.699	ug/L	98
5) Vinyl chloride	1.602	62	84716	47.867	ug/L	98
6) Bromomethane	1.837	94	49975	53.758	ug/L	97
8) Chloroethane	1.924	64	53846	46.733	ug/L	94
9) Trichlorofluoromethane	2.129	101	106957	43.409	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	71440	45.549	ug/L	94
12) 1,1-Dichloroethene	2.570	96	63382	43.211	ug/L	93
13) Acetone	2.618	43	100740	88.628	ug/L	96
14) Carbon disulfide	2.785	76	139549	37.695	ug/L	99
15) Methyl Acetate	2.940	43	99021	57.781	ug/L	94
16) Methylene chloride	3.036	84	89723	48.509	ug/L	93
17) trans-1,2-Dichloroethene	3.345	96	65571	43.423	ug/L	95
18) Methyl tert-butyl Ether	3.354	73	234891	47.892	ug/L	98
19) 1,1-Dichloroethane	3.859	63	144146	50.330	ug/L	96
20) cis-1,2-Dichloroethene	4.657	96	83987	45.931	ug/L	95
22) 2-Butanone	4.692	43	145608	104.120	ug/L	96
23) Bromochloromethane	4.965	128	41915	43.459	ug/L #	91
25) Chloroform	5.078	83	152142	49.366	ug/L	97

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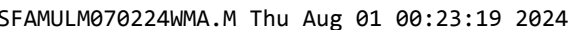
Instrument :
 MSVOA_U
 ClientSampleId :

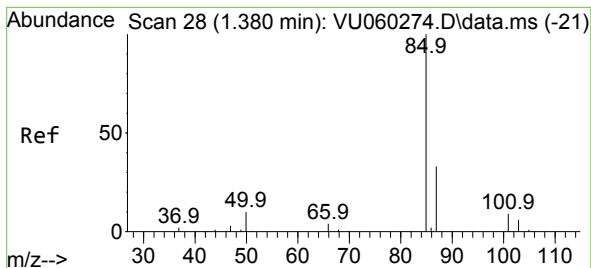
Quant Time: Aug 01 00:23:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 01 00:19:02 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	110965	47.428	ug/L	100
29) Cyclohexane	5.380	56	93908	42.454	ug/L	92
30) 1,1,1-Trichloroethane	5.306	97	117025	45.727	ug/L	99
31) Carbon tetrachloride	5.515	117	95295	45.078	ug/L	99
33) Benzene	5.766	78	321592	48.208	ug/L	100
34) Trichloroethene	6.537	95	79110	44.439	ug/L	96
35) Methylcyclohexane	6.756	83	96294	39.167	ug/L	93
37) 1,2-Dichloropropane	6.782	63	97057	52.858	ug/L	100
38) Bromodichloromethane	7.097	83	115163	49.499	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	133410	47.488	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	266117	114.669	ug/L	98
42) Toluene	7.962	91	343820	47.211	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	127706	49.488	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	94815	49.306	ug/L	98
46) Tetrachloroethene	8.547	164	56700	38.717	ug/L	97
48) 2-Hexanone	8.676	43	220478	113.514	ug/L	98
49) Dibromochloromethane	8.804	129	89874	47.434	ug/L	98
50) 1,2-Dibromoethane	8.917	107	94764	47.132	ug/L	97
51) Chlorobenzene	9.441	112	218666	45.228	ug/L	96
52) Ethylbenzene	9.563	91	351878	45.246	ug/L	97
53) m,p-Xylene	9.688	106	136247	44.994	ug/L	94
54) o-Xylene	10.094	106	133591	45.878	ug/L	96
55) Styrene	10.110	104	244235	49.717	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	171600	52.915	ug/L	98
59) Bromoform	10.283	173	72395	48.328	ug/L	98
60) 1,2,3-Trichloropropane	10.814	75	132211	56.230	ug/L	95
61) Isopropylbenzene	10.479	105	349179	48.351	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	248507	47.006	ug/L	97
63) 1,2,4-Trimethylbenzene	11.463	105	267945	47.316	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	169571	45.275	ug/L	96
65) 1,4-Dichlorobenzene	11.830	146	172801	44.631	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	174844	46.212	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	35332	54.947	ug/L	89
69) 1,3,5-Trichlorobenzene	13.216	180	108863	40.315	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	97167	39.923	ug/L	99
71) Naphthalene	14.084	128	334208	47.517	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	103549	42.405	ug/L	98

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

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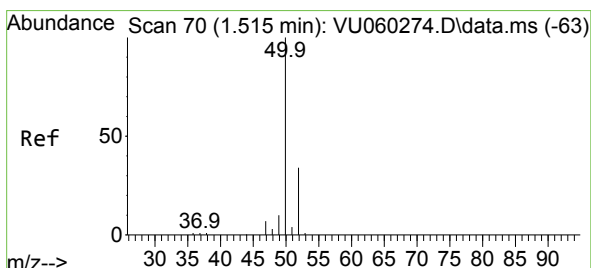
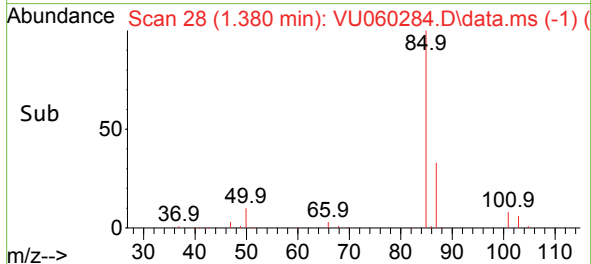
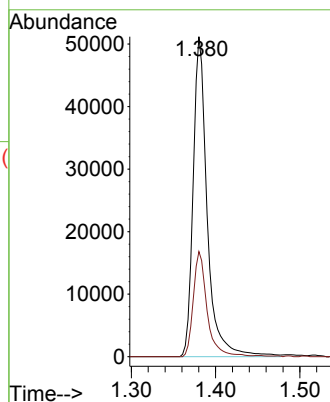
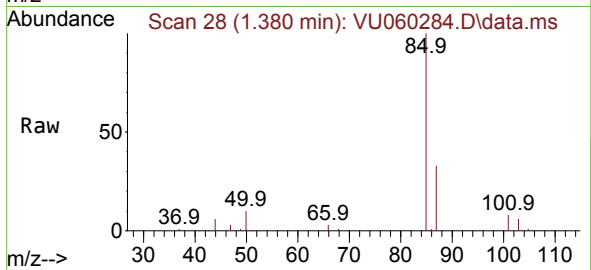




#2
Dichlorodifluoromethane
Concen: 38.579 ug/L
RT: 1.380 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU060284.D
Acq: 31 Jul 2024 16:37

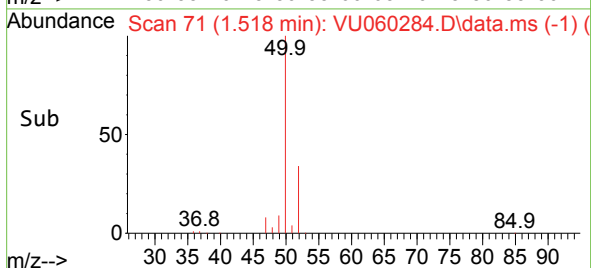
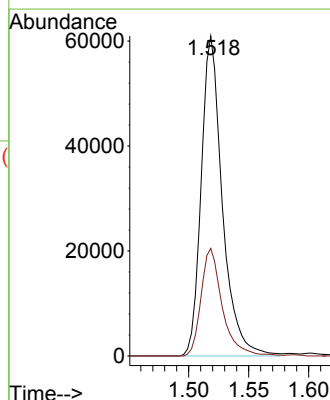
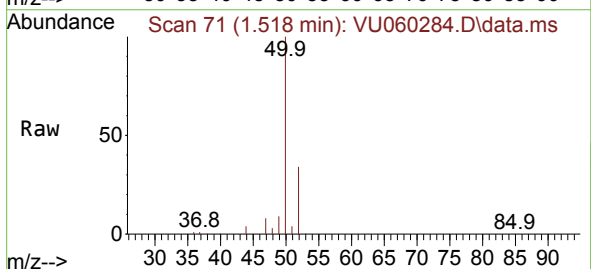
Instrument :
MSVOA_U
ClientSampleId :

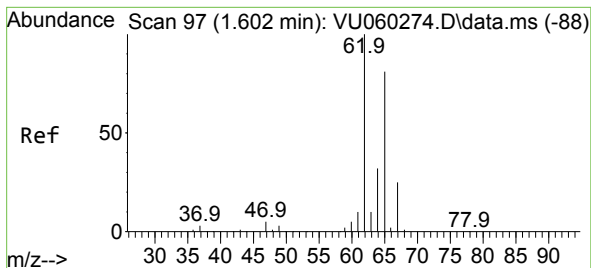
Tgt Ion: 85 Resp: 59271
Ion Ratio Lower Upper
85 100
87 31.7 25.4 38.2



#3
Chloromethane
Concen: 49.699 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU060284.D
Acq: 31 Jul 2024 16:37

Tgt Ion: 50 Resp: 74928
Ion Ratio Lower Upper
50 100
52 33.6 24.5 45.5





#5

Vinyl chloride

Concen: 47.867 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU060284.D

Acq: 31 Jul 2024 16:37

Instrument :

MSVOA_U

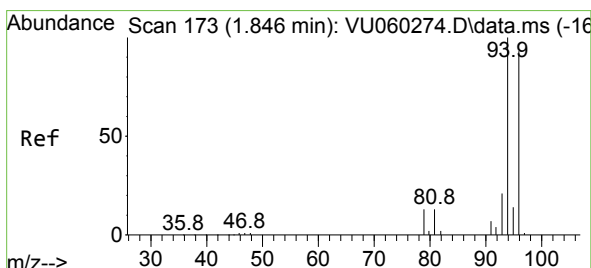
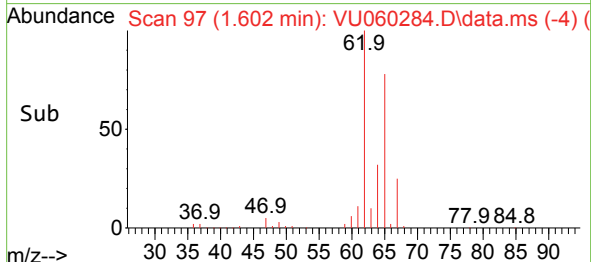
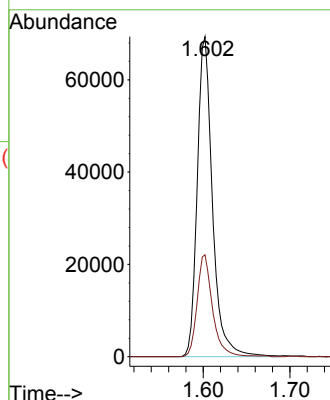
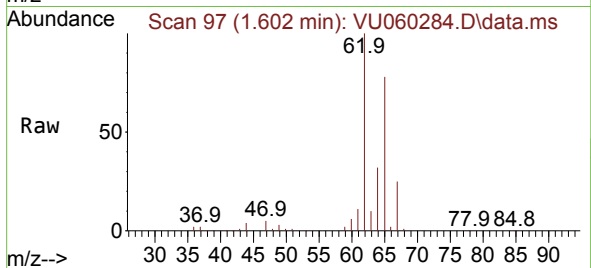
ClientSampleId :

Tgt Ion: 62 Resp: 84716

Ion Ratio Lower Upper

62 100

64 31.8 22.9 42.5



#6

Bromomethane

Concen: 53.758 ug/L

RT: 1.837 min Scan# 170

Delta R.T. -0.010 min

Lab File: VU060284.D

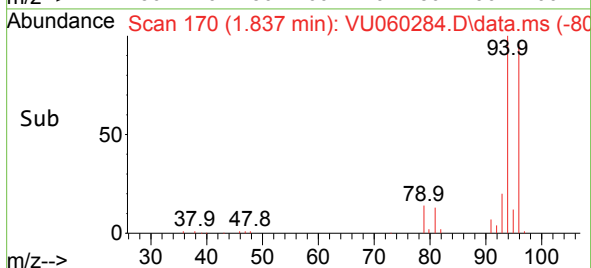
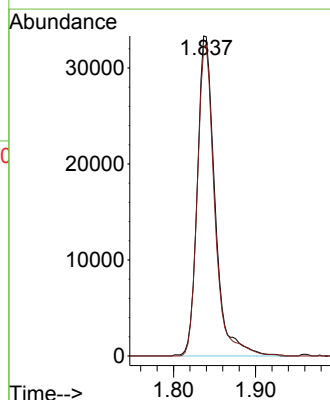
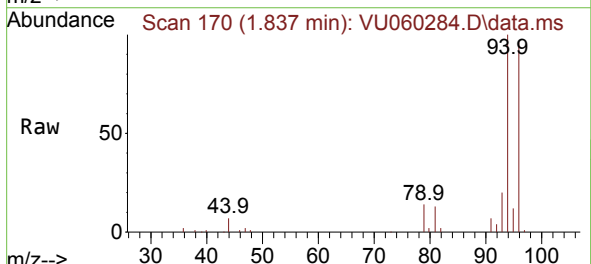
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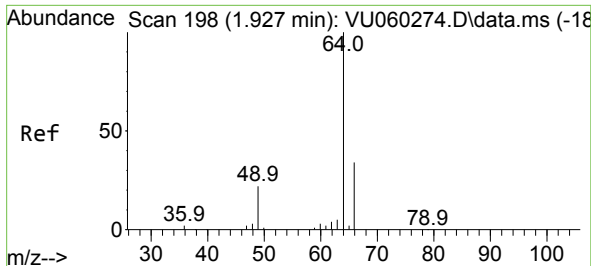
Tgt Ion: 94 Resp: 49975

Ion Ratio Lower Upper

94 100

96 96.3 65.2 121.2





#8

Chloroethane

Concen: 46.733 ug/L

RT: 1.924 min Scan# 19

Delta R.T. -0.003 min

Lab File: VU060284.D

Acq: 31 Jul 2024 16:37

Instrument :

MSVOA_U

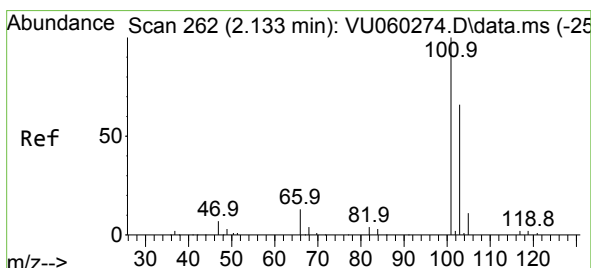
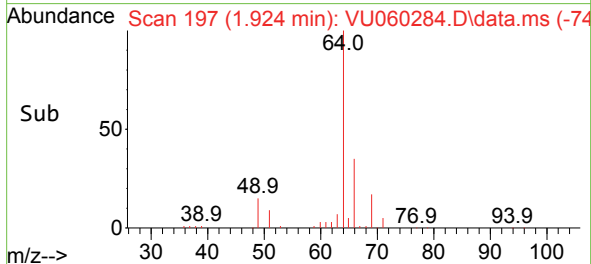
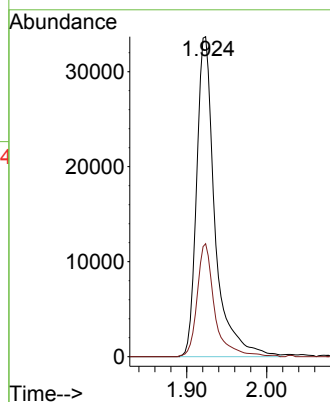
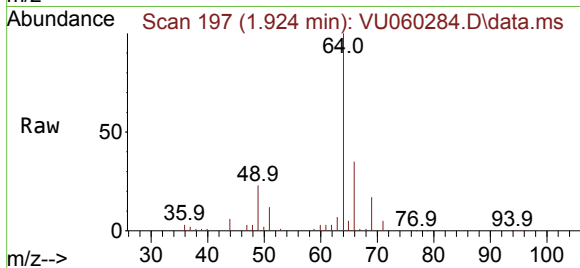
ClientSampleId :

Tgt Ion: 64 Resp: 53846

Ion Ratio Lower Upper

64 100

66 35.3 22.3 41.3



#9

Trichlorofluoromethane

Concen: 43.409 ug/L

RT: 2.129 min Scan# 261

Delta R.T. -0.003 min

Lab File: VU060284.D

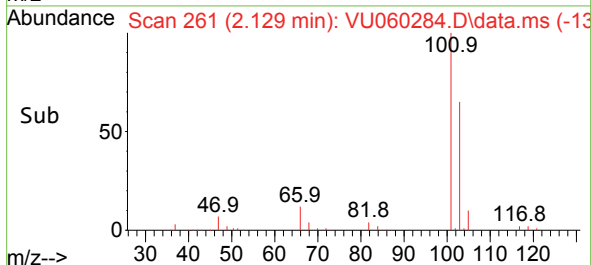
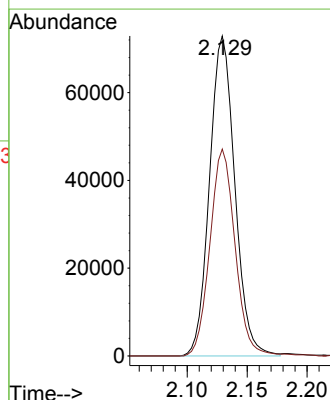
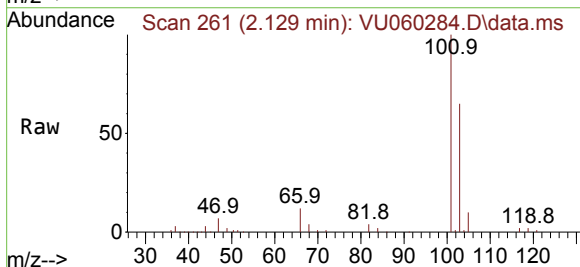
Acq: 31 Jul 2024 16:37

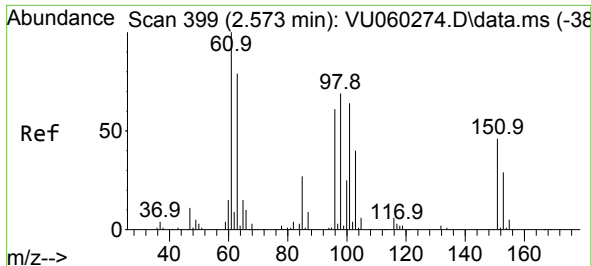
Tgt Ion:101 Resp: 106957

Ion Ratio Lower Upper

101 100

103 64.4 52.3 78.5

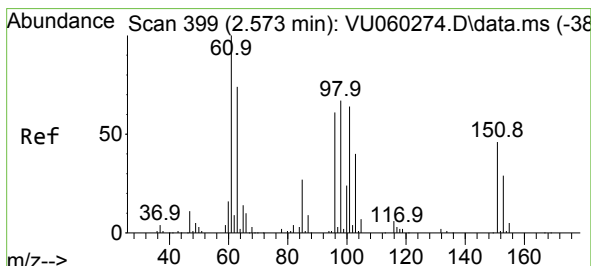
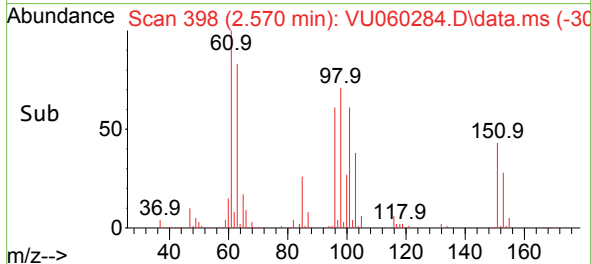
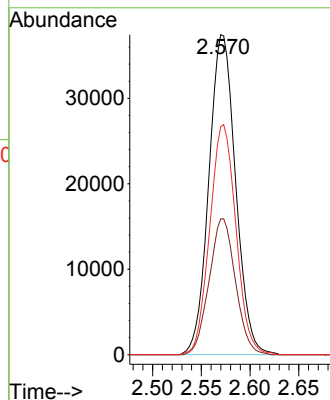
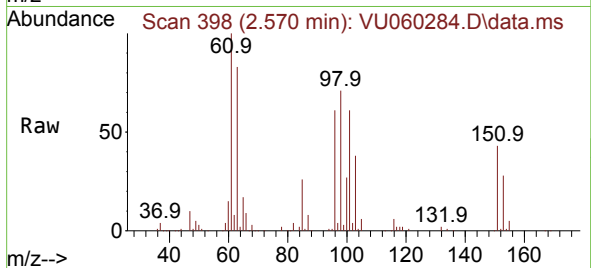




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 45.549 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU060284.D
Acq: 31 Jul 2024 16:37

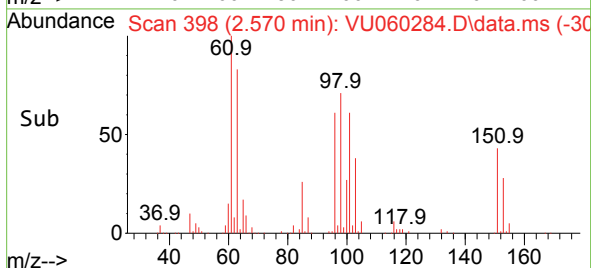
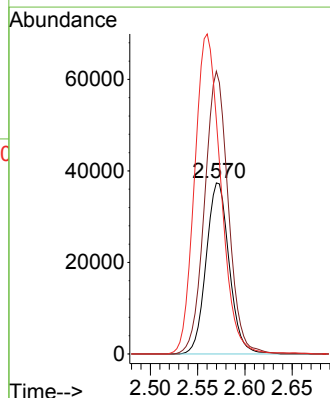
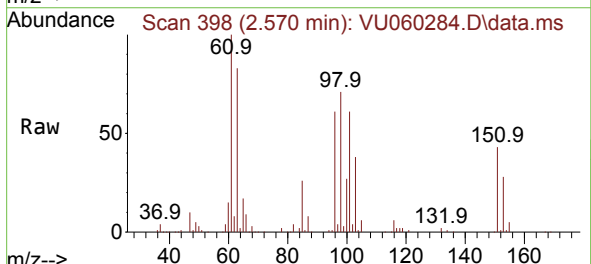
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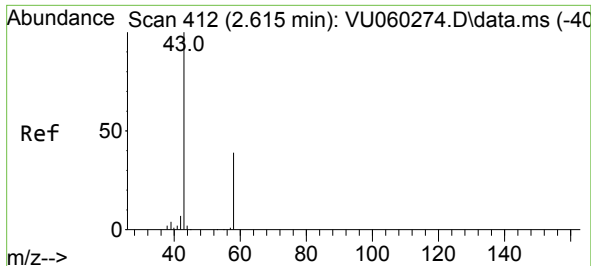
Tgt Ion:101 Resp: 71440
Ion Ratio Lower Upper
101 100
85 41.8 34.8 52.2
151 70.5 62.3 93.5



#12
1,1-Dichloroethene
Concen: 43.211 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU060284.D
Acq: 31 Jul 2024 16:37

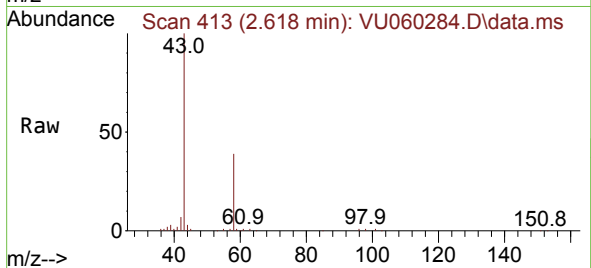
Tgt Ion: 96 Resp: 63382
Ion Ratio Lower Upper
96 100
61 165.2 112.2 208.4
63 136.9 87.4 162.2



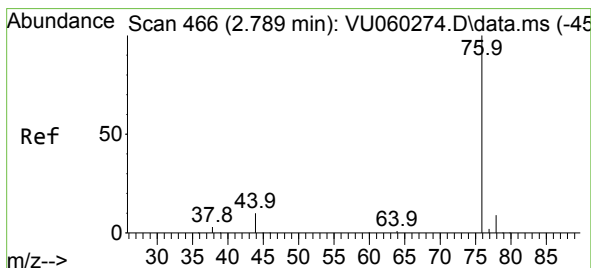
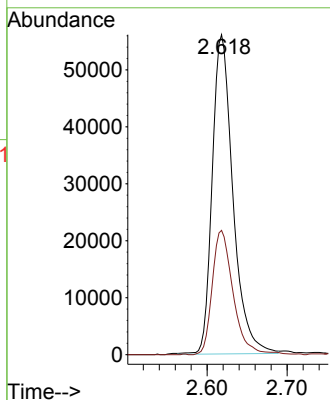
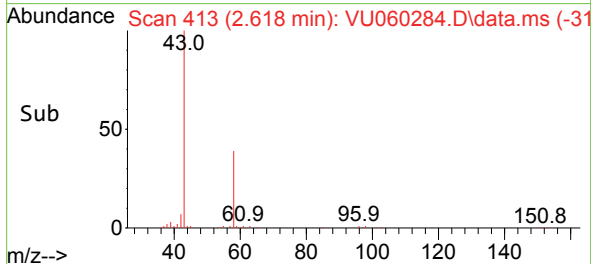


#13
Acetone
Concen: 88.628 ug/L
RT: 2.618 min Scan# 412
Delta R.T. 0.003 min
Lab File: VU060284.D
Acq: 31 Jul 2024 16:37

Instrument :
MSVOA_U
ClientSampleId :

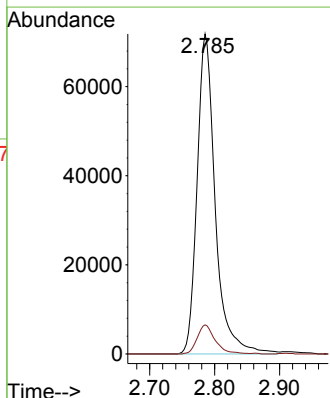
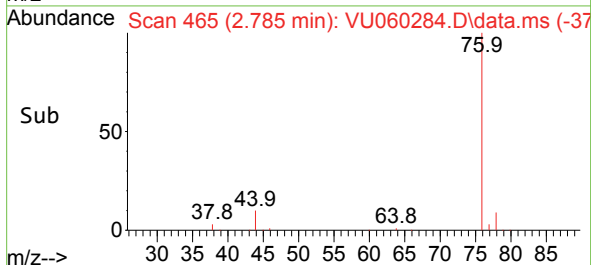
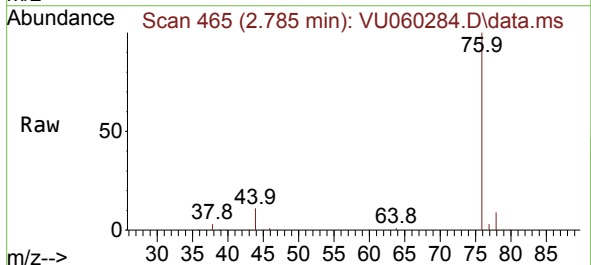


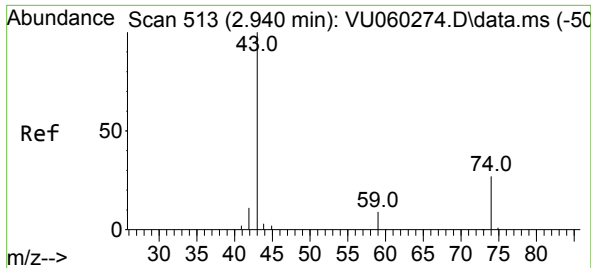
Tgt Ion: 43 Resp: 100740
Ion Ratio Lower Upper
43 100
58 39.1 0.0 73.8



#14
Carbon disulfide
Concen: 37.695 ug/L
RT: 2.785 min Scan# 465
Delta R.T. -0.003 min
Lab File: VU060284.D
Acq: 31 Jul 2024 16:37

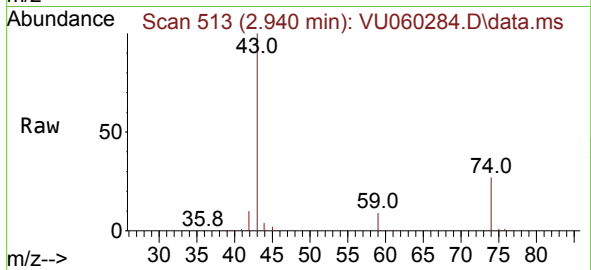
Tgt Ion: 76 Resp: 139549
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4



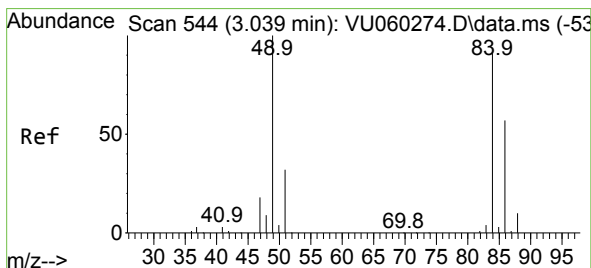
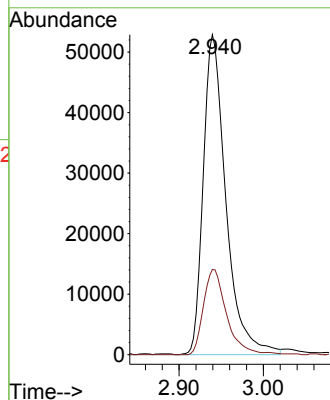
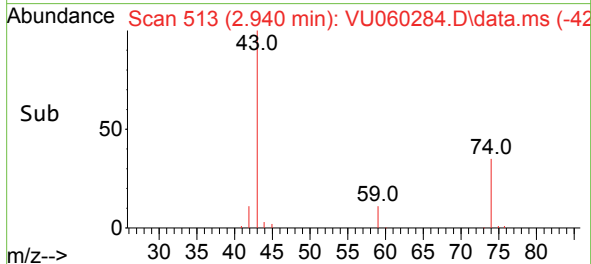


#15
Methyl Acetate
Concen: 57.781 ug/L
RT: 2.940 min Scan# 513
Delta R.T. -0.000 min
Lab File: VU060284.D
Acq: 31 Jul 2024 16:37

Instrument :
MSVOA_U
ClientSampleId :

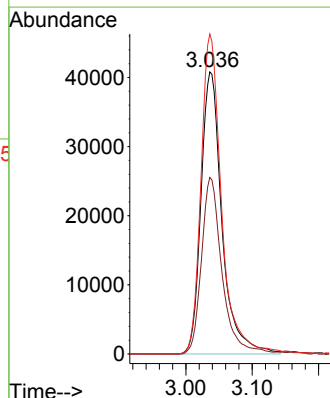
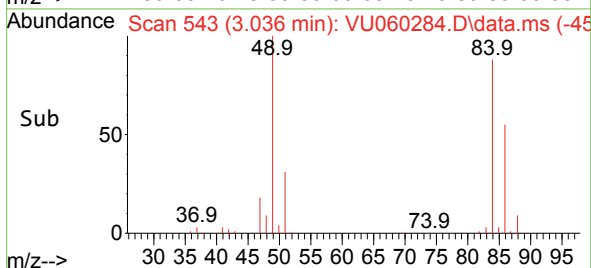
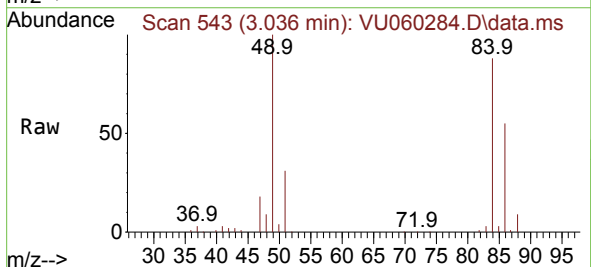


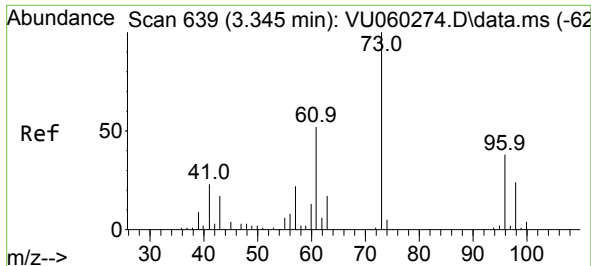
Tgt Ion: 43 Resp: 99021
Ion Ratio Lower Upper
43 100
74 26.9 24.1 36.1



#16
Methylene chloride
Concen: 48.509 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU060284.D
Acq: 31 Jul 2024 16:37

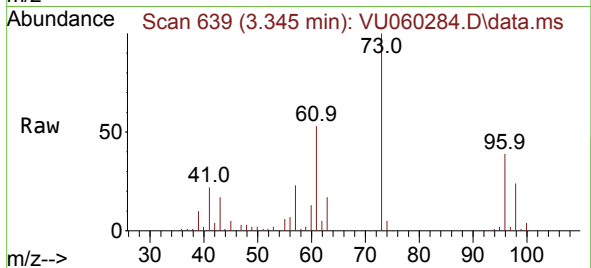
Tgt Ion: 84 Resp: 89723
Ion Ratio Lower Upper
84 100
86 62.6 44.7 83.1
49 113.4 71.6 133.0





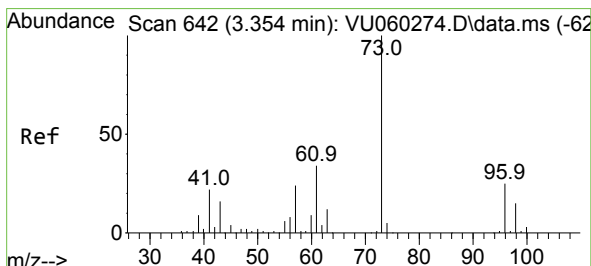
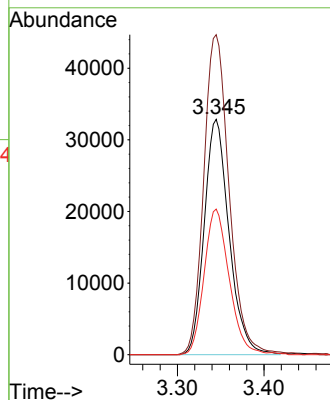
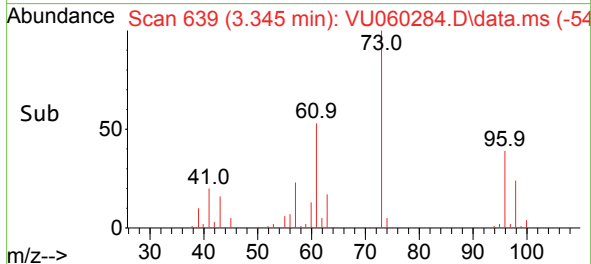
#17
 trans-1,2-Dichloroethene
 Concen: 43.423 ug/L
 RT: 3.345 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VU060284.D
 Acq: 31 Jul 2024 16:37

Instrument :
 MSVOA_U
 ClientSampleId :

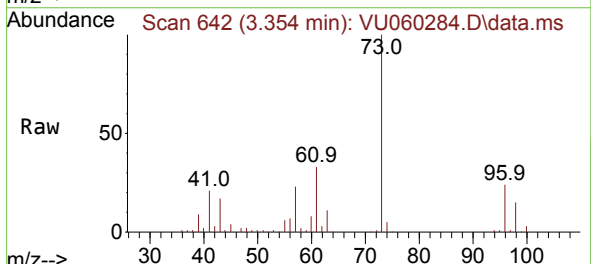


Tgt Ion: 96 Resp: 65571

Ion	Ratio	Lower	Upper
96	100		
61	135.9	90.6	168.3
98	61.8	44.9	83.3

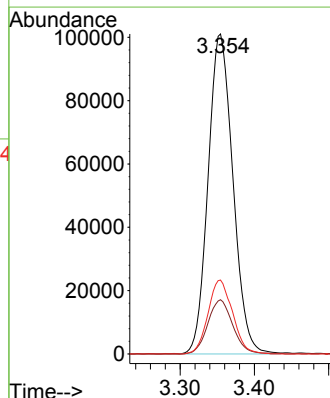
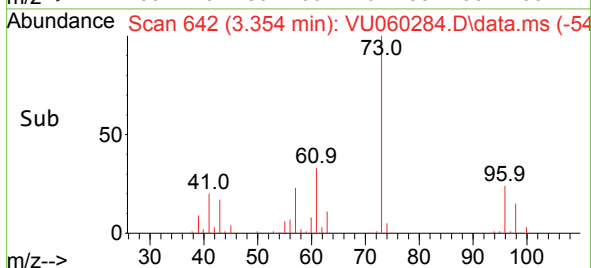


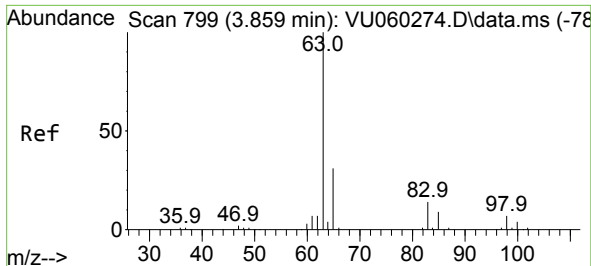
#18
 Methyl tert-butyl Ether
 Concen: 47.892 ug/L
 RT: 3.354 min Scan# 642
 Delta R.T. -0.000 min
 Lab File: VU060284.D
 Acq: 31 Jul 2024 16:37



Tgt Ion: 73 Resp: 234891

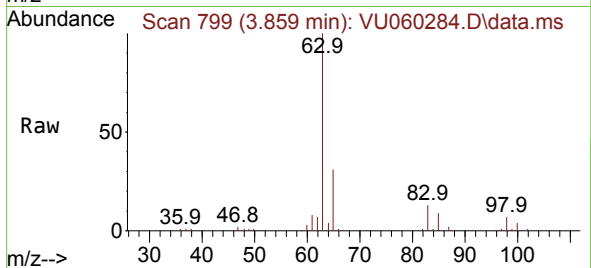
Ion	Ratio	Lower	Upper
73	100		
43	17.1	14.1	21.1
57	22.8	17.1	25.7



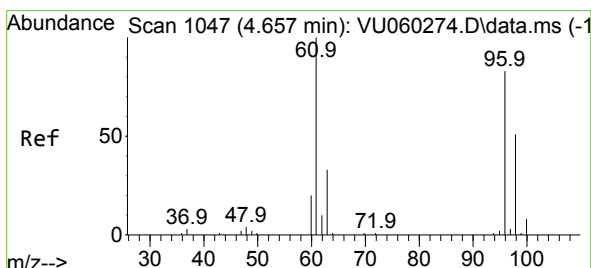
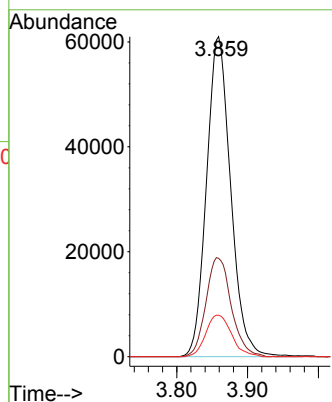
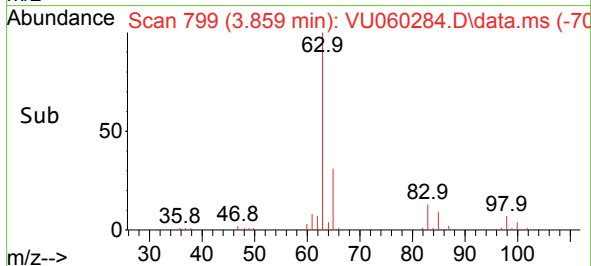


#19
1,1-Dichloroethane
Concen: 50.330 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU060284.D
Acq: 31 Jul 2024 16:37

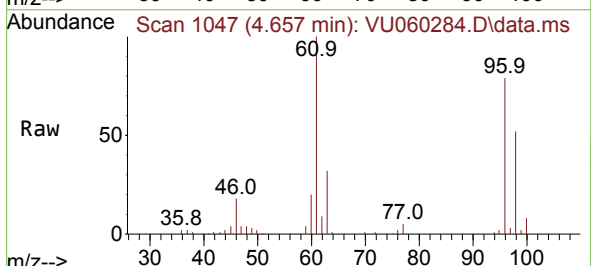
Instrument :
MSVOA_U
ClientSampleId :



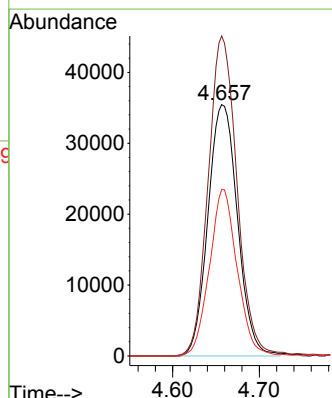
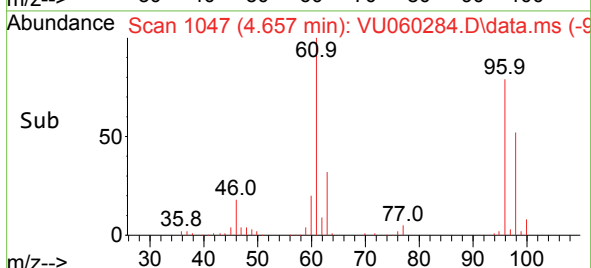
Tgt Ion: 63 Resp: 144146
Ion Ratio Lower Upper
63 100
65 30.8 23.3 43.3
83 13.0 9.8 18.2

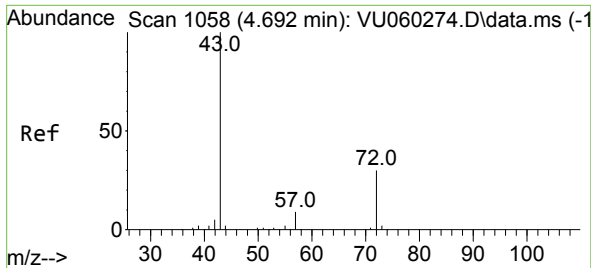


#20
cis-1,2-Dichloroethene
Concen: 45.931 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU060284.D
Acq: 31 Jul 2024 16:37



Tgt Ion: 96 Resp: 83987
Ion Ratio Lower Upper
96 100
61 127.3 83.2 154.4
98 66.2 45.9 85.3

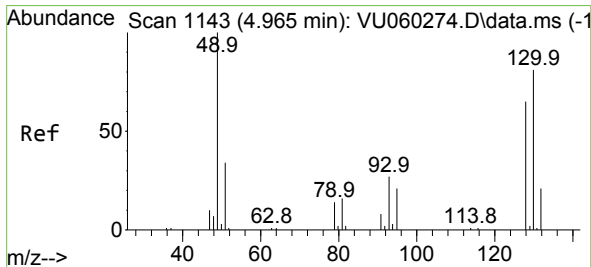
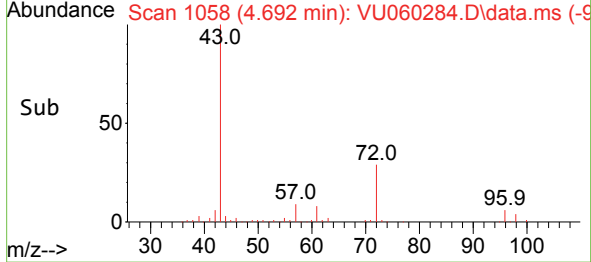
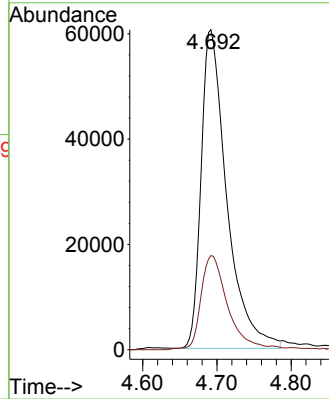
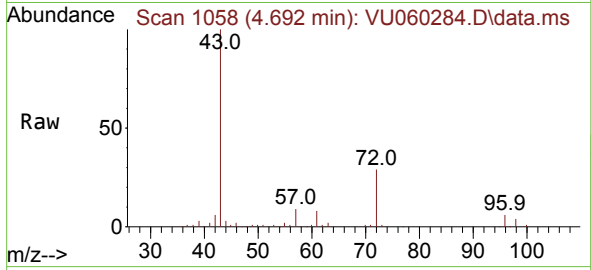




#22
2-Butanone
Concen: 104.120 ug/L
RT: 4.692 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VU060284.D
Acq: 31 Jul 2024 16:37

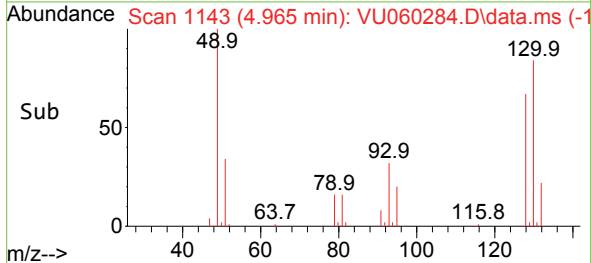
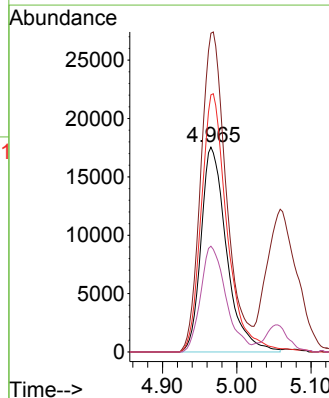
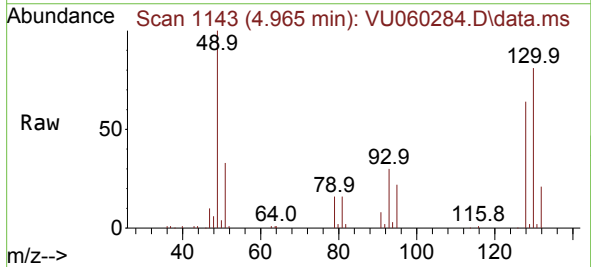
Instrument :
MSVOA_U
ClientSampleId :

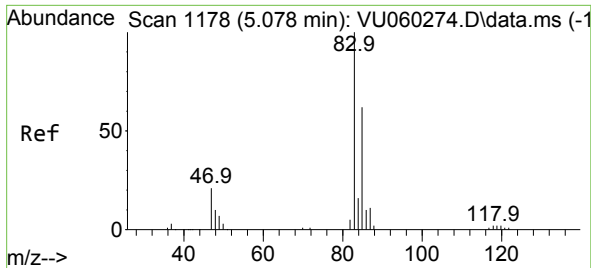
Tgt Ion: 43 Resp: 145608
Ion Ratio Lower Upper
43 100
72 30.4 16.4 49.2



#23
Bromochloromethane
Concen: 43.459 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VU060284.D
Acq: 31 Jul 2024 16:37

Tgt Ion:128 Resp: 41915
Ion Ratio Lower Upper
128 100
49 155.6 96.7 179.7
130 125.5 86.3 160.3
51 51.6 34.1 51.1#

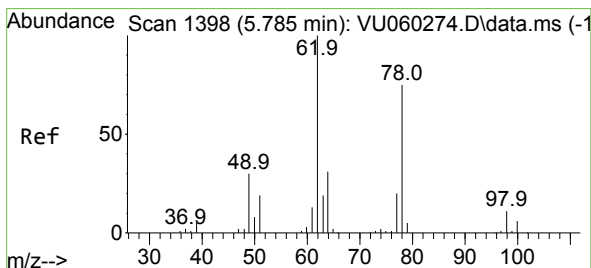
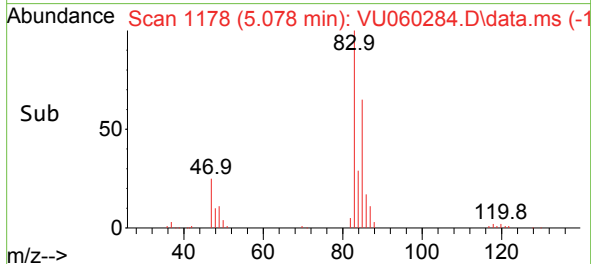
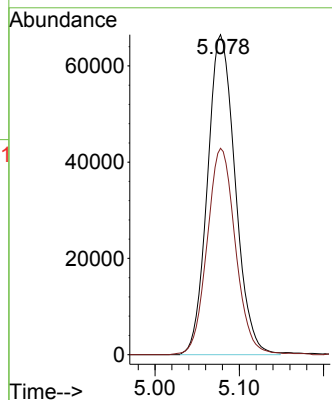
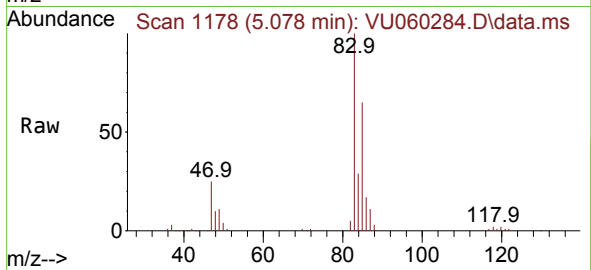




#25
Chloroform
Concen: 49.366 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU060284.D
Acq: 31 Jul 2024 16:37

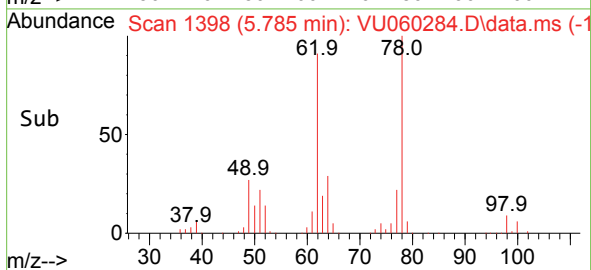
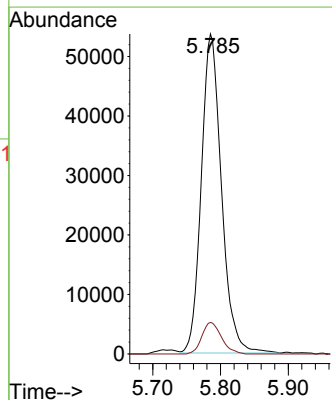
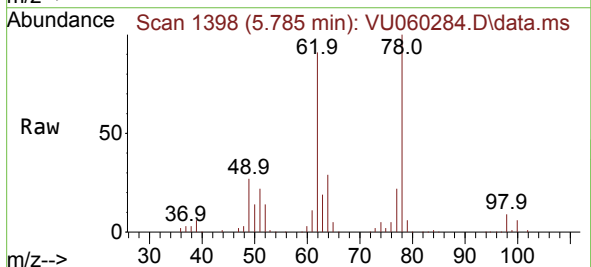
Instrument :
MSVOA_U
ClientSampleId :

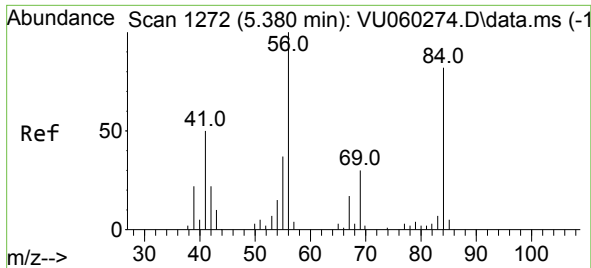
Tgt Ion: 83 Resp: 152142
Ion Ratio Lower Upper
83 100
85 64.5 46.7 86.7



#27
1,2-Dichloroethane
Concen: 47.428 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VU060284.D
Acq: 31 Jul 2024 16:37

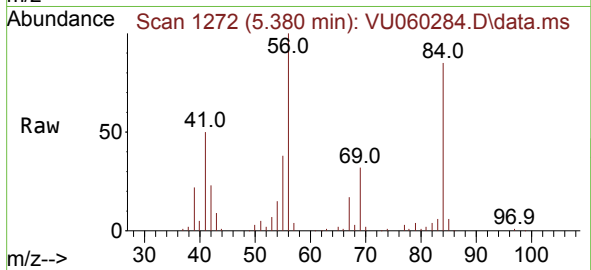
Tgt Ion: 62 Resp: 110965
Ion Ratio Lower Upper
62 100
98 9.9 7.8 11.8



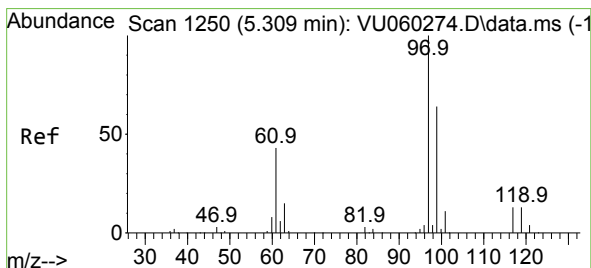
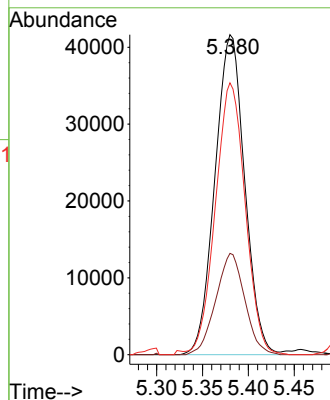
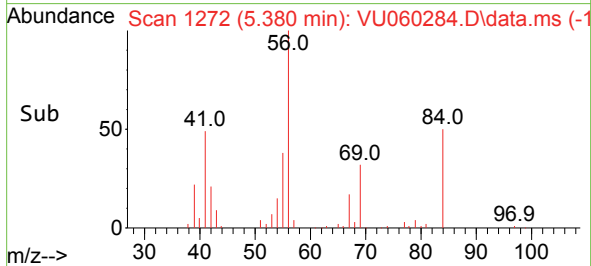


#29
Cyclohexane
Concen: 42.454 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU060284.D
Acq: 31 Jul 2024 16:37

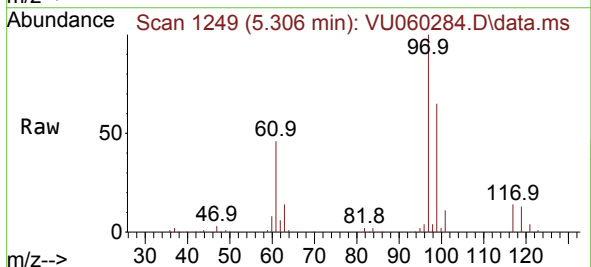
Instrument :
MSVOA_U
ClientSampleId :



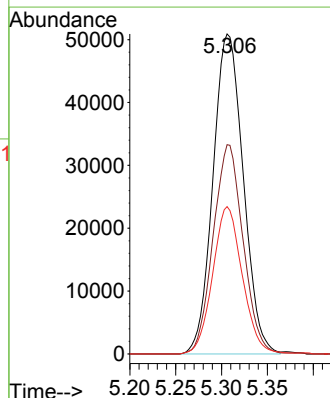
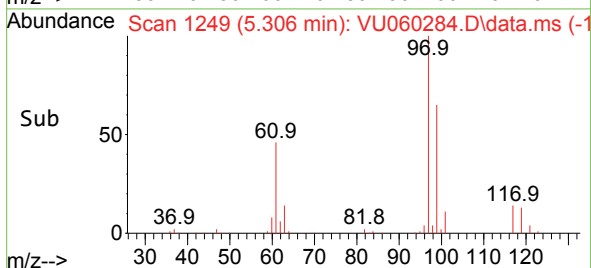
Tgt Ion:	56	Resp:	93908
Ion Ratio	Lower	Upper	
56	100		
69	30.8	26.0	39.0
84	85.0	75.5	113.3

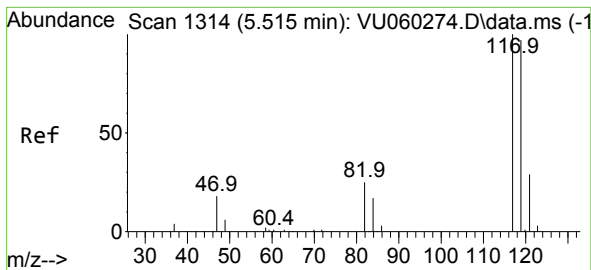


#30
1,1,1-Trichloroethane
Concen: 45.727 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.003 min
Lab File: VU060284.D
Acq: 31 Jul 2024 16:37



Tgt Ion:	97	Resp:	117025
Ion Ratio	Lower	Upper	
97	100		
99	64.5	52.2	78.2
61	45.0	35.2	52.8

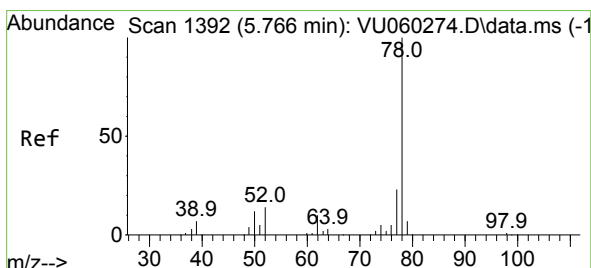
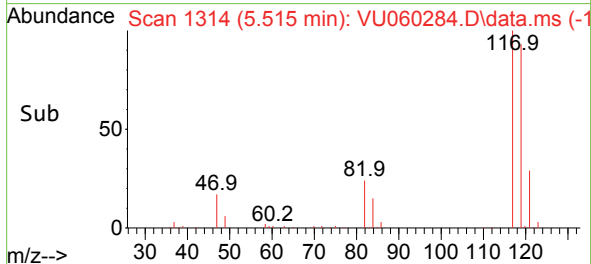
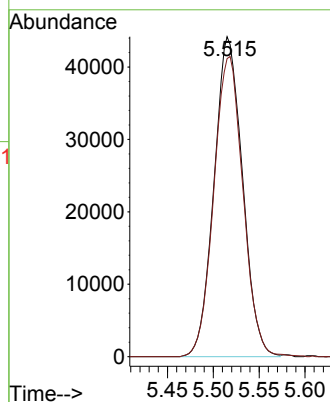
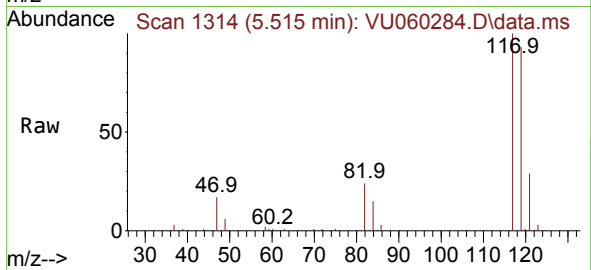




#31
Carbon tetrachloride
Concen: 45.078 ug/L
RT: 5.515 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU060284.D
Acq: 31 Jul 2024 16:37

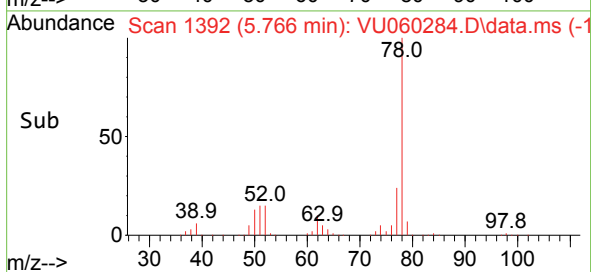
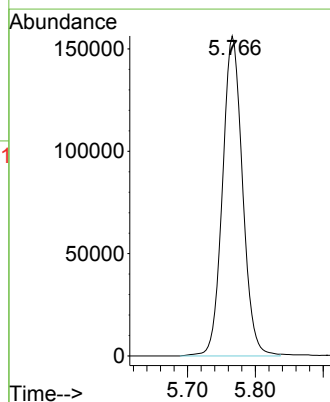
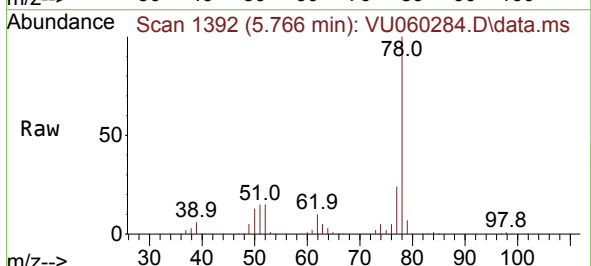
Instrument :
MSVOA_U
ClientSampleId :

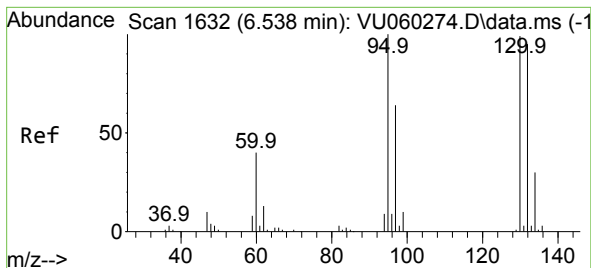
Tgt Ion:117 Resp: 95295
Ion Ratio Lower Upper
117 100
119 96.4 77.6 116.4



#33
Benzene
Concen: 48.208 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU060284.D
Acq: 31 Jul 2024 16:37

Tgt Ion: 78 Resp: 321592





#34

Trichloroethene

Concen: 44.439 ug/L

RT: 6.537 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU060284.D

Acq: 31 Jul 2024 16:37

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 79110

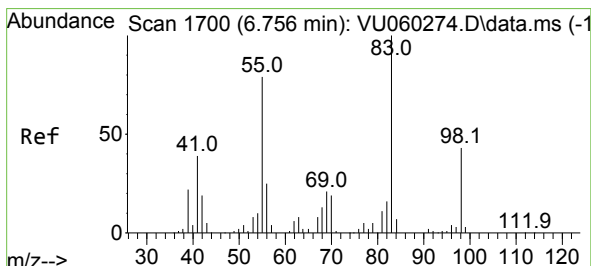
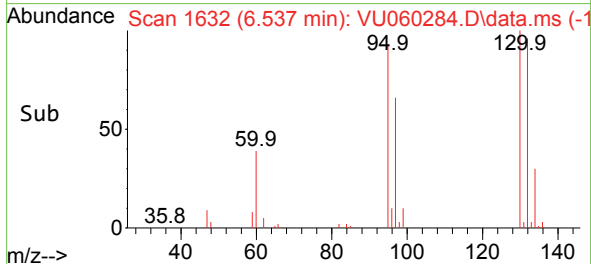
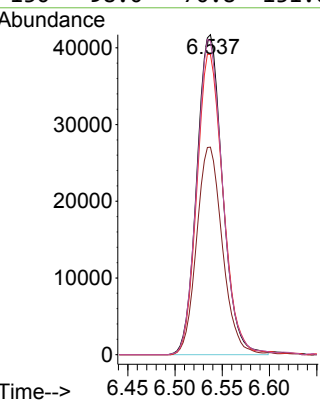
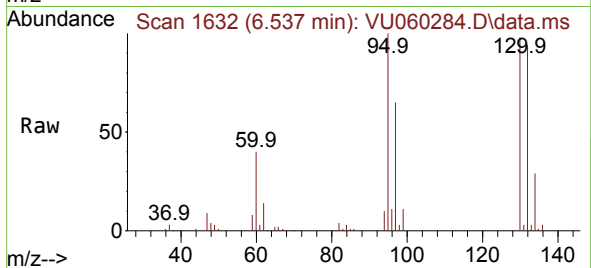
Ion Ratio Lower Upper

95 100

97 64.8 45.8 85.2

132 93.8 69.8 129.6

130 98.0 70.8 131.6



#35

Methylcyclohexane

Concen: 39.167 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VU060284.D

Acq: 31 Jul 2024 16:37

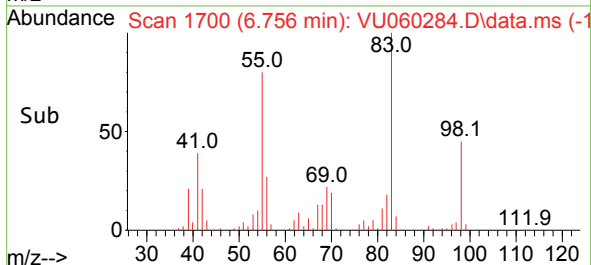
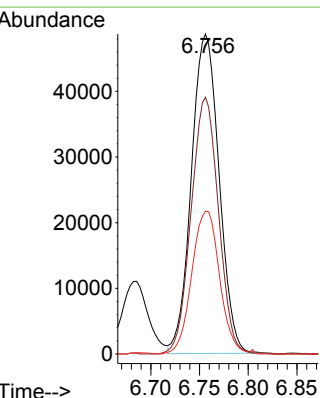
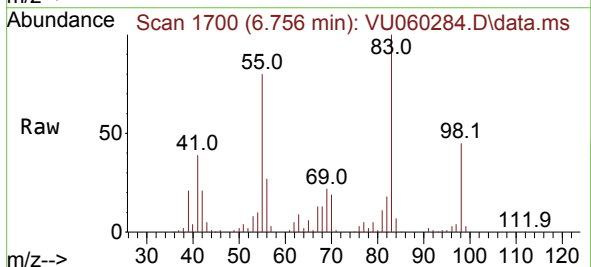
Tgt Ion: 83 Resp: 96294

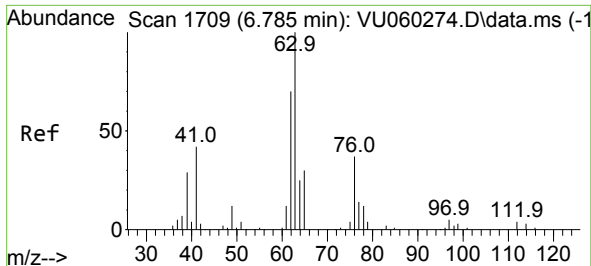
Ion Ratio Lower Upper

83 100

55 79.2 56.8 85.2

98 44.8 36.5 54.7





#37

1,2-Dichloropropane

Concen: 52.858 ug/L

RT: 6.782 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU060284.D

Acq: 31 Jul 2024 16:37

Instrument :

MSVOA_U

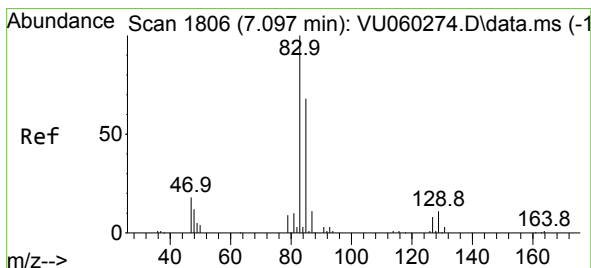
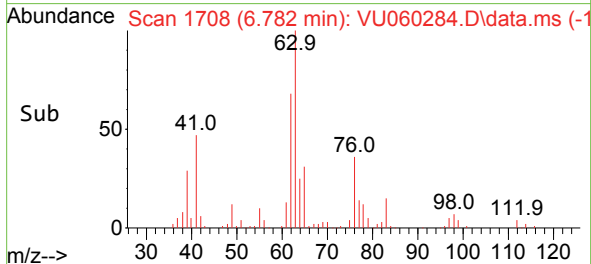
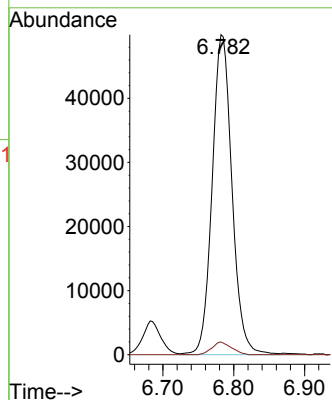
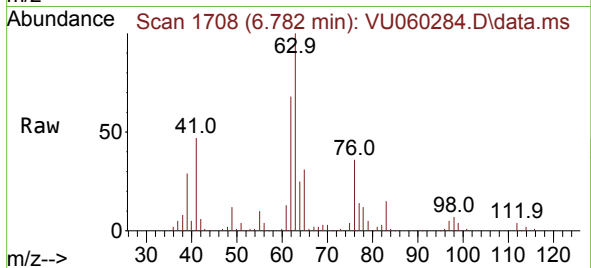
ClientSampleId :

Tgt Ion: 63 Resp: 97057

Ion Ratio Lower Upper

63 100

112 3.9 3.0 4.6



#38

Bromodichloromethane

Concen: 49.499 ug/L

RT: 7.097 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VU060284.D

Acq: 31 Jul 2024 16:37

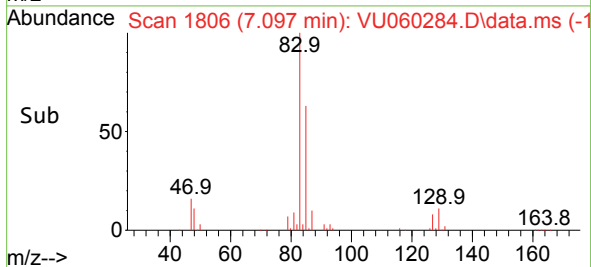
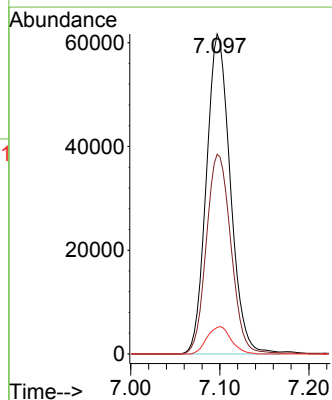
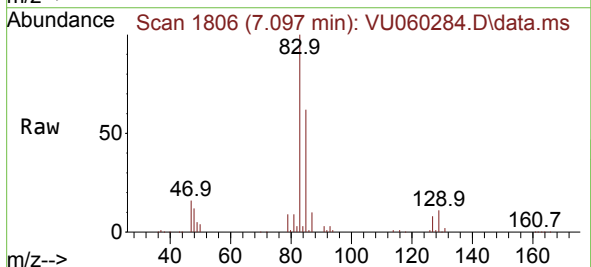
Tgt Ion: 83 Resp: 115163

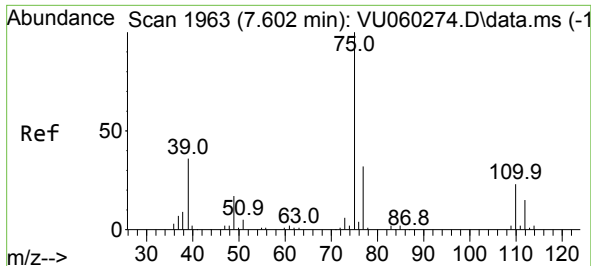
Ion Ratio Lower Upper

83 100

85 62.4 45.0 83.6

127 8.3 7.4 11.2

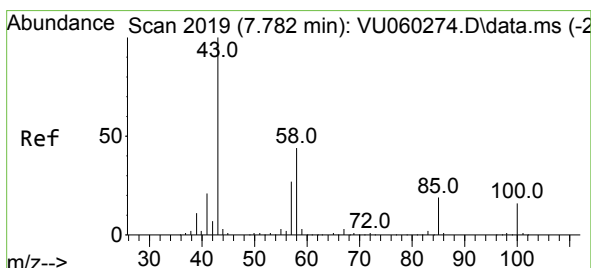
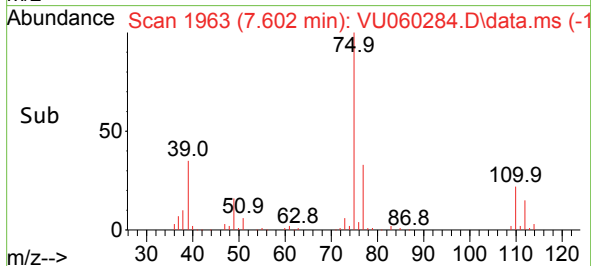
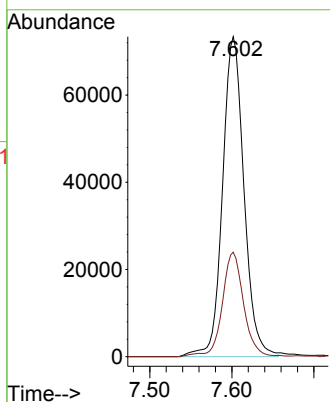
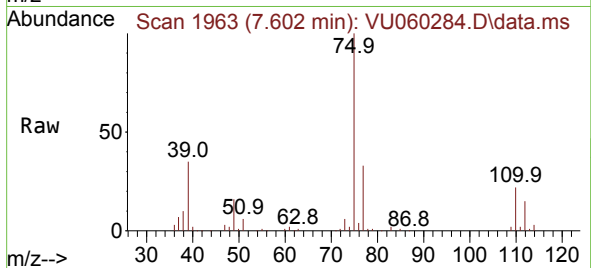




#39
 cis-1,3-Dichloropropene
 Concen: 47.488 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU060284.D
 Acq: 31 Jul 2024 16:37

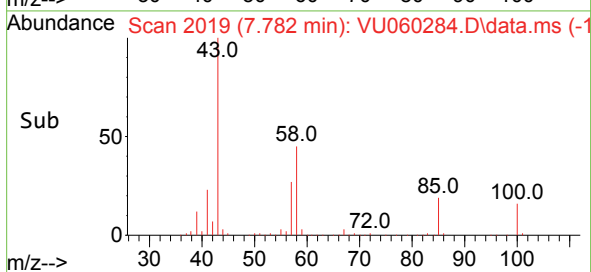
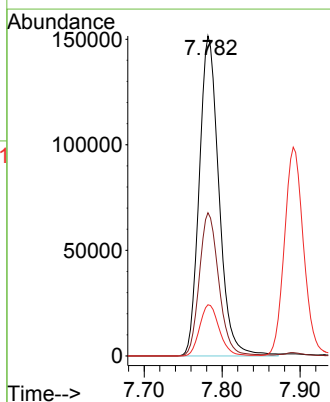
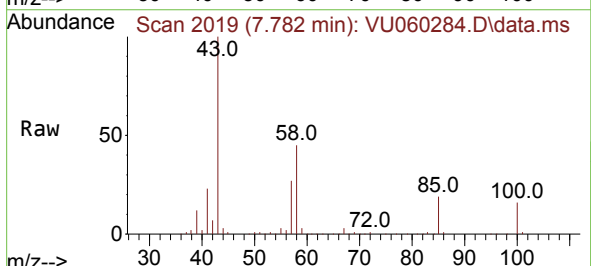
Instrument :
 MSVOA_U
 ClientSampleId :

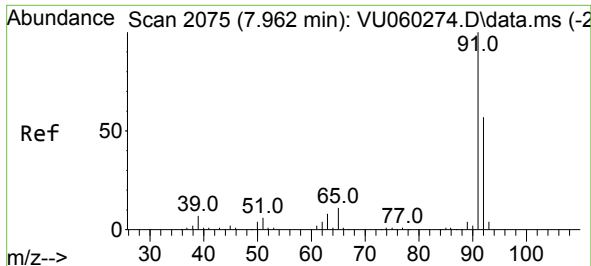
Tgt Ion: 75 Resp: 133410
 Ion Ratio Lower Upper
 75 100
 77 32.7 21.6 40.2



#40
 4-Methyl-2-pentanone
 Concen: 114.669 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU060284.D
 Acq: 31 Jul 2024 16:37

Tgt Ion: 43 Resp: 266117
 Ion Ratio Lower Upper
 43 100
 58 44.4 35.3 52.9
 100 16.0 14.6 22.0





#42

Toluene

Concen: 47.211 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU060284.D

Acq: 31 Jul 2024 16:37

Instrument :

MSVOA_U

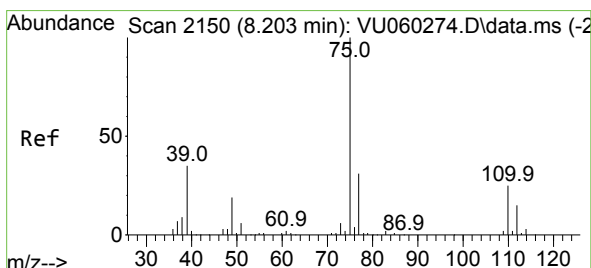
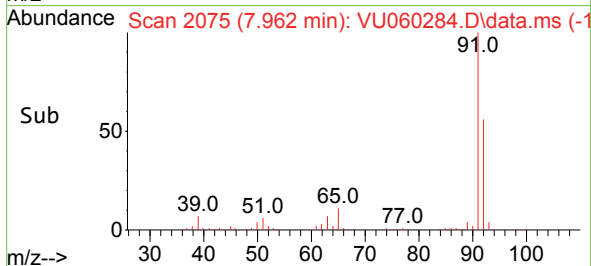
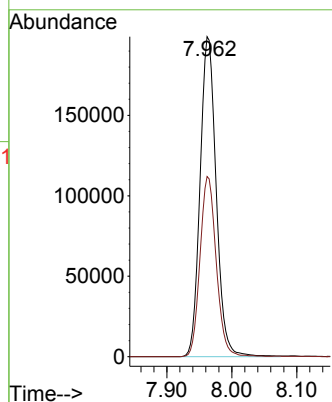
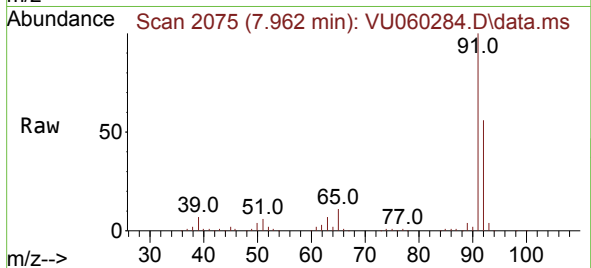
ClientSampleId :

Tgt Ion: 91 Resp: 343820

Ion Ratio Lower Upper

91 100

92 56.3 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 49.488 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU060284.D

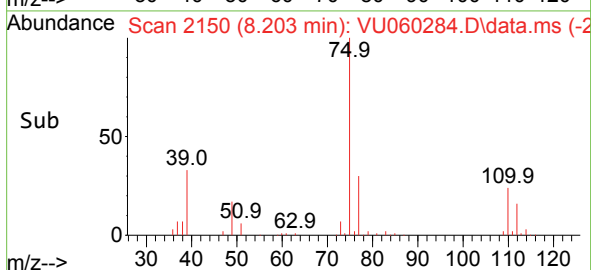
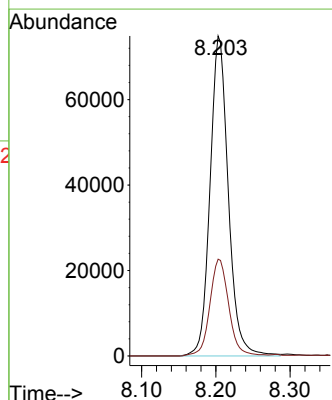
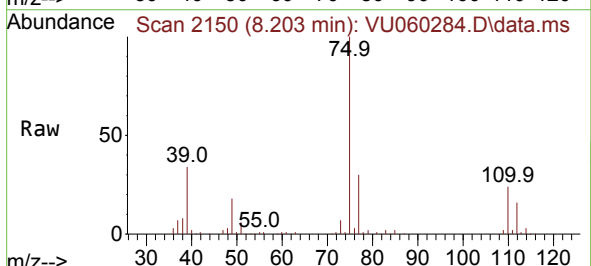
Acq: 31 Jul 2024 16:37

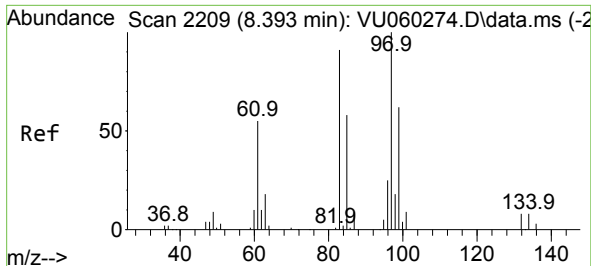
Tgt Ion: 75 Resp: 127706

Ion Ratio Lower Upper

75 100

77 30.2 21.7 40.3

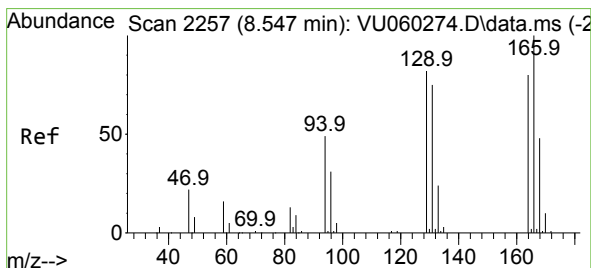
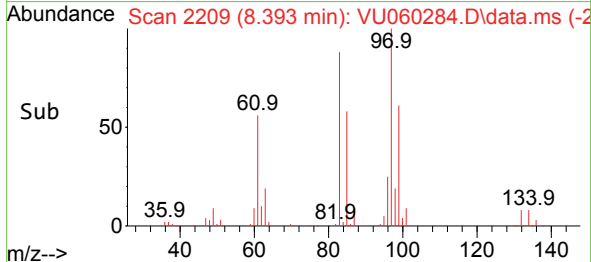
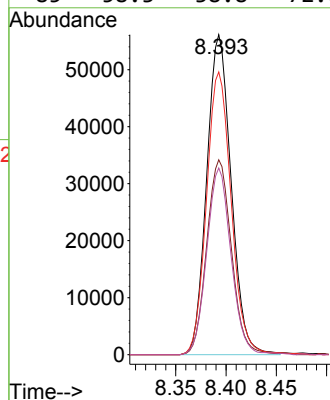
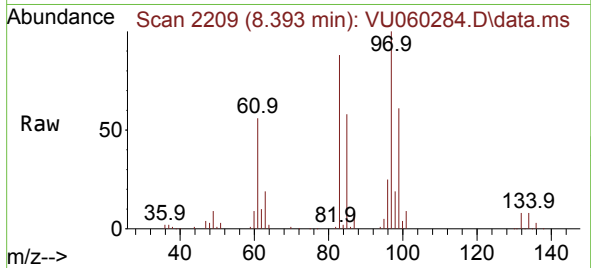




#45
1,1,2-Trichloroethane
Concen: 49.306 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU060284.D
Acq: 31 Jul 2024 16:37

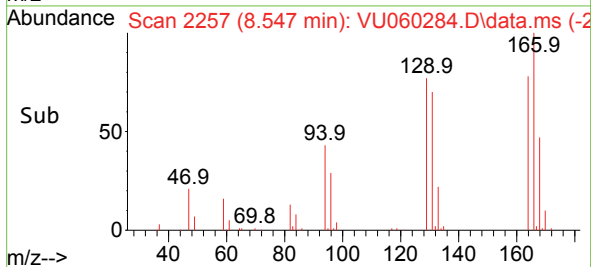
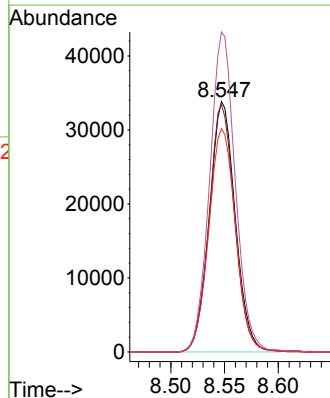
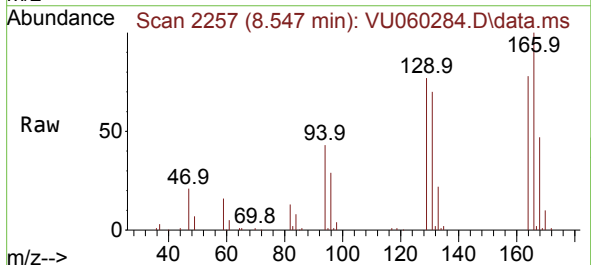
Instrument :
MSVOA_U
ClientSampleId :

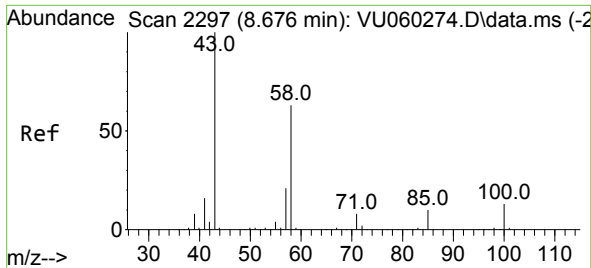
Tgt Ion:	97	Resp:	94815
Ion	Ratio	Lower	Upper
97	100		
99	60.9	43.1	80.1
83	88.3	60.4	112.2
85	58.3	38.8	72.0



#46
Tetrachloroethene
Concen: 38.717 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU060284.D
Acq: 31 Jul 2024 16:37

Tgt Ion:	164	Resp:	56700
Ion	Ratio	Lower	Upper
164	100		
129	98.8	62.7	116.5
131	89.2	62.3	115.7
166	127.8	88.9	165.1



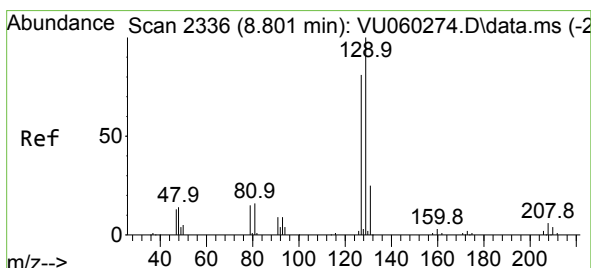
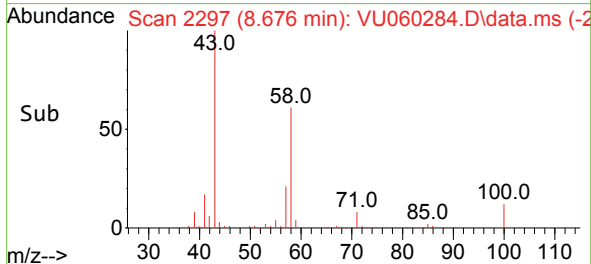
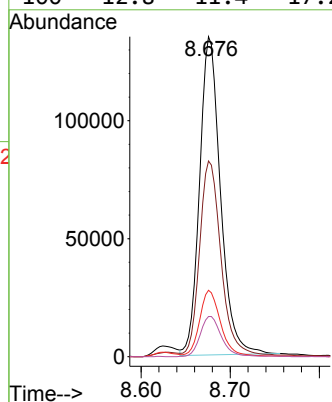
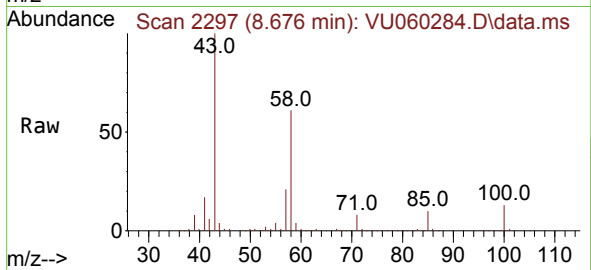


#48
2-Hexanone
Concen: 113.514 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VU060284.D
Acq: 31 Jul 2024 16:37

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 220478

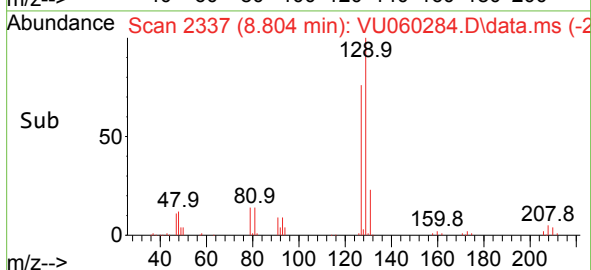
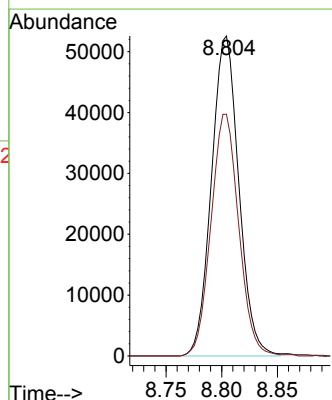
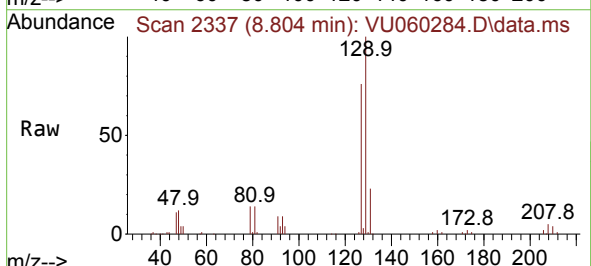
Ion	Ratio	Lower	Upper
43	100		
58	62.3	49.0	73.6
57	20.6	16.7	25.1
100	12.8	11.4	17.2

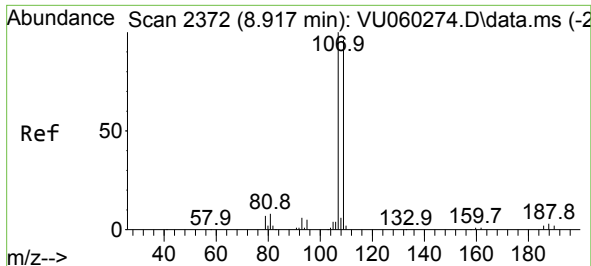


#49
Dibromochloromethane
Concen: 47.434 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VU060284.D
Acq: 31 Jul 2024 16:37

Tgt Ion: 129 Resp: 89874

Ion	Ratio	Lower	Upper
129	100		
127	75.6	54.0	100.2

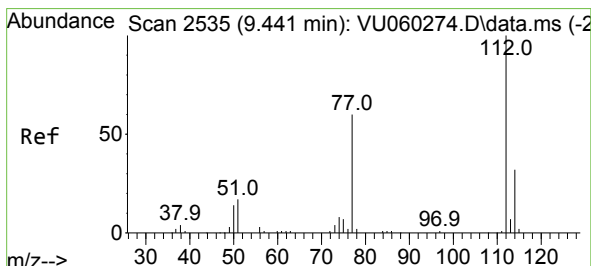
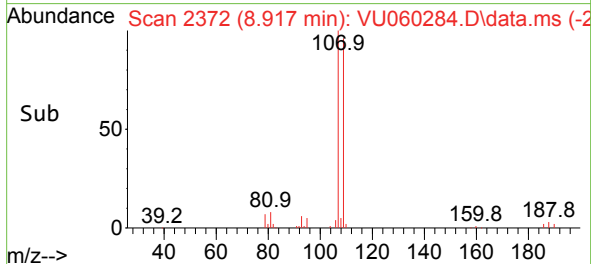
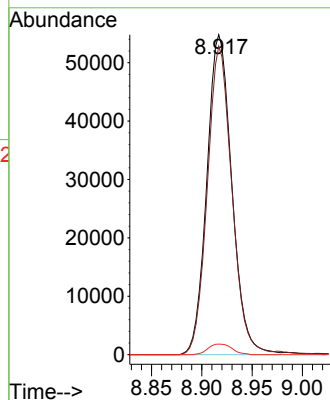
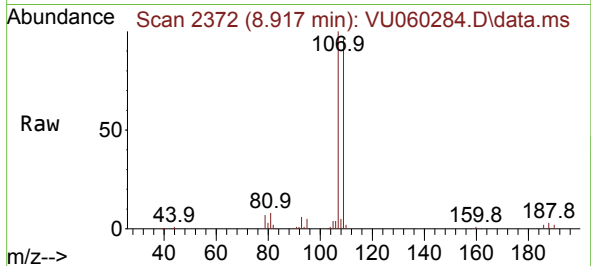




#50
1,2-Dibromoethane
Concen: 47.132 ug/L
RT: 8.917 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU060284.D
Acq: 31 Jul 2024 16:37

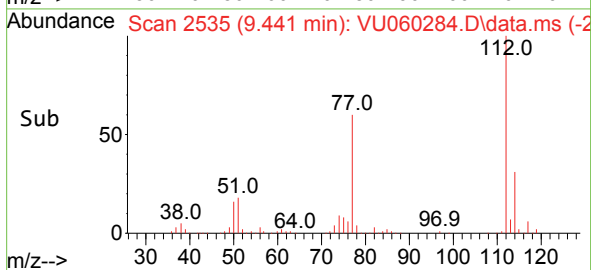
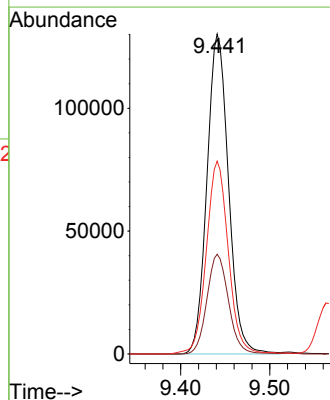
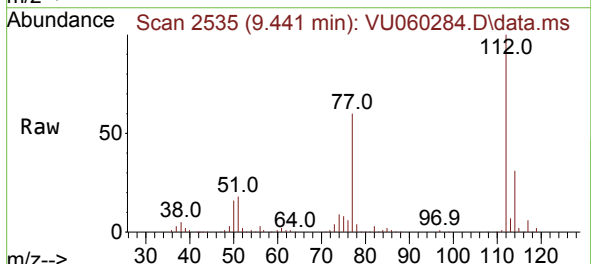
Instrument :
MSVOA_U
ClientSampleId :

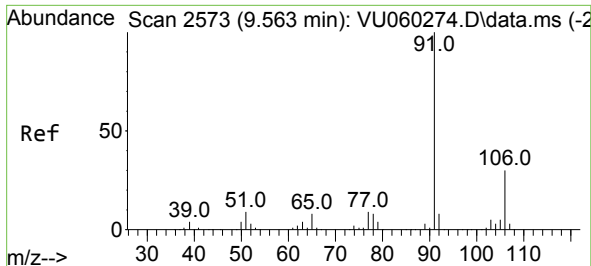
Tgt Ion:107 Resp: 94764
Ion Ratio Lower Upper
107 100
109 96.4 65.5 121.6
188 3.3 3.0 4.4



#51
Chlorobenzene
Concen: 45.228 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU060284.D
Acq: 31 Jul 2024 16:37

Tgt Ion:112 Resp: 218666
Ion Ratio Lower Upper
112 100
114 31.2 22.7 42.3
77 60.3 45.8 68.6

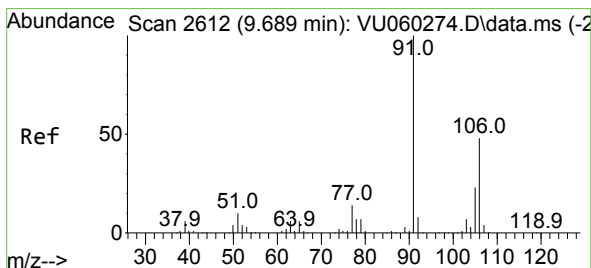
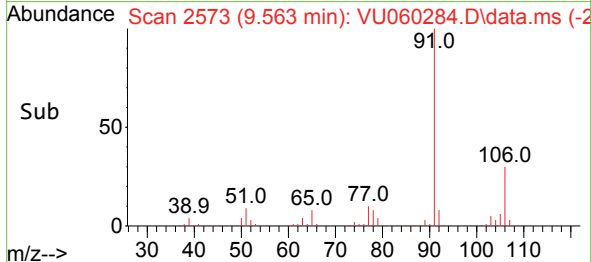
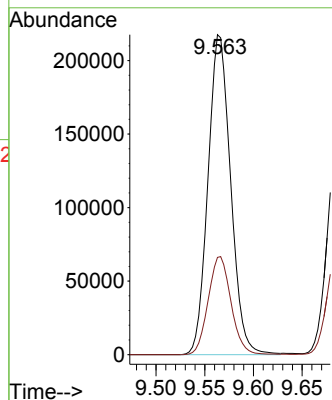
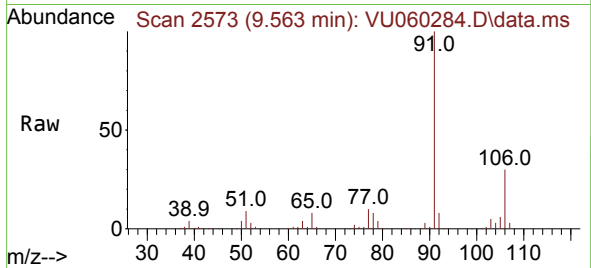




#52
Ethylbenzene
Concen: 45.246 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU060284.D
Acq: 31 Jul 2024 16:37

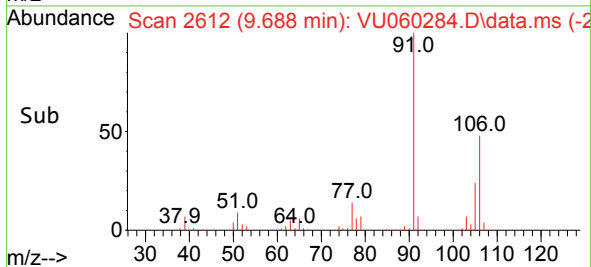
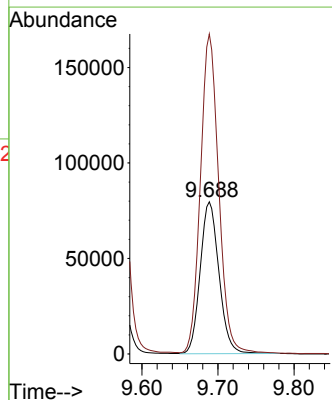
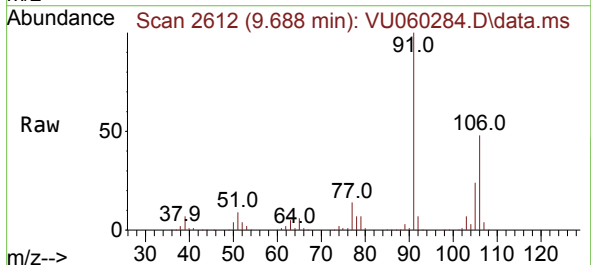
Instrument :
MSVOA_U
ClientSampleId :

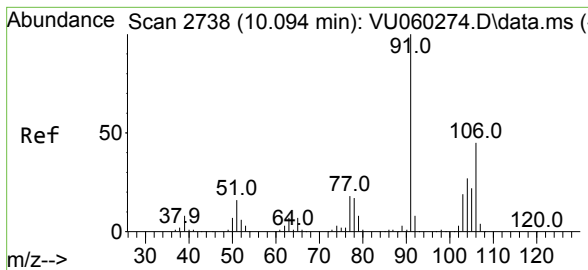
Tgt Ion: 91 Resp: 351878
Ion Ratio Lower Upper
91 100
106 30.4 22.4 41.6



#53
m,p-Xylene
Concen: 44.994 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU060284.D
Acq: 31 Jul 2024 16:37

Tgt Ion: 106 Resp: 136247
Ion Ratio Lower Upper
106 100
91 210.2 140.9 261.7

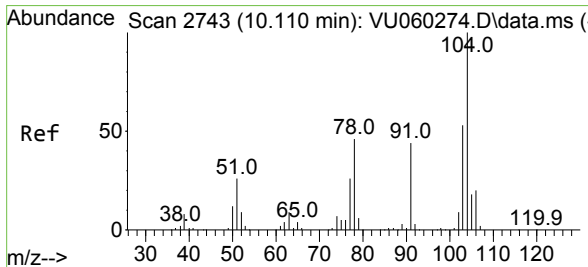
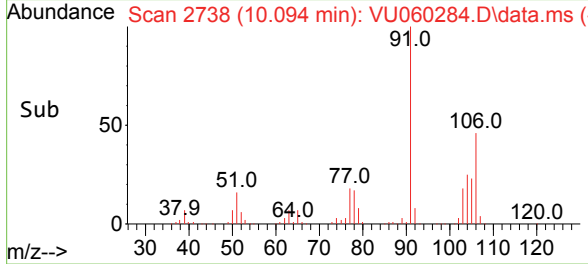
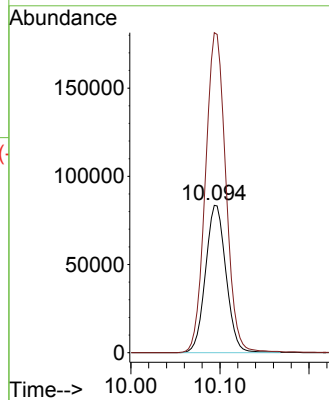
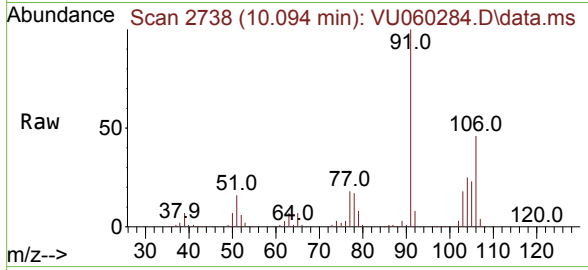




#54
o-Xylene
Concen: 45.878 ug/L
RT: 10.094 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU060284.D
Acq: 31 Jul 2024 16:37

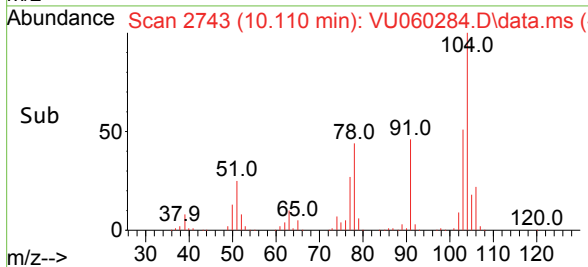
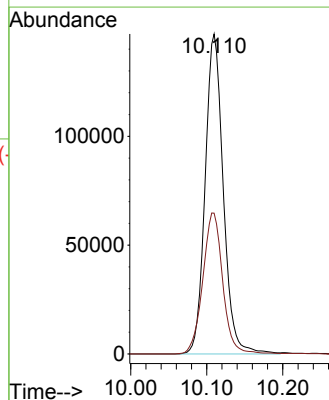
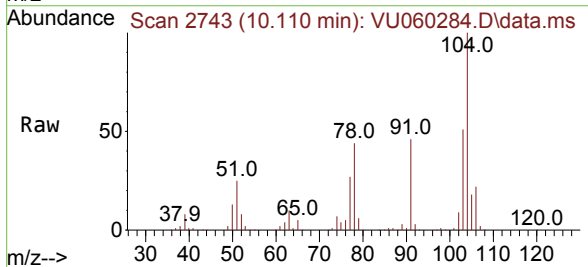
Instrument :
MSVOA_U
ClientSampleId :

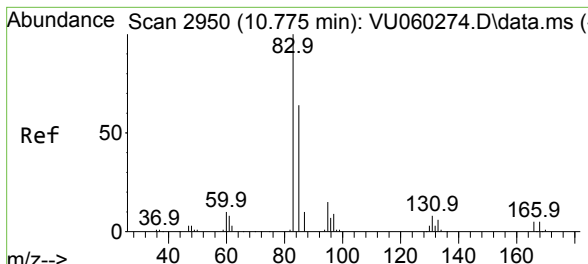
Tgt Ion:106 Resp: 133591
Ion Ratio Lower Upper
106 100
91 217.1 147.4 273.8



#55
Styrene
Concen: 49.717 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU060284.D
Acq: 31 Jul 2024 16:37

Tgt Ion:104 Resp: 244235
Ion Ratio Lower Upper
104 100
78 44.0 30.9 57.5

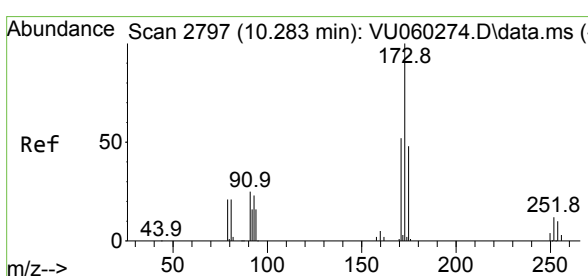
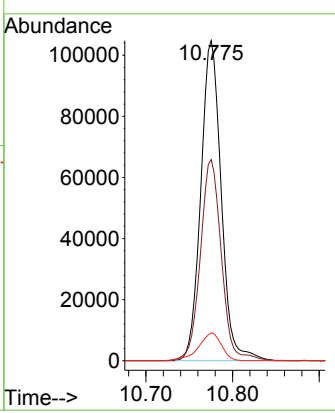
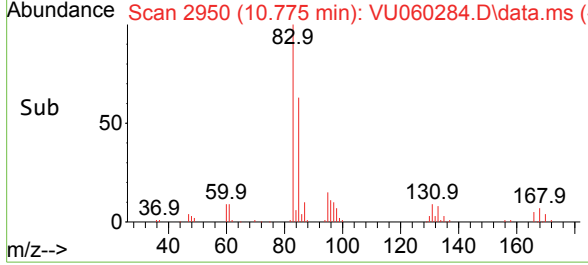
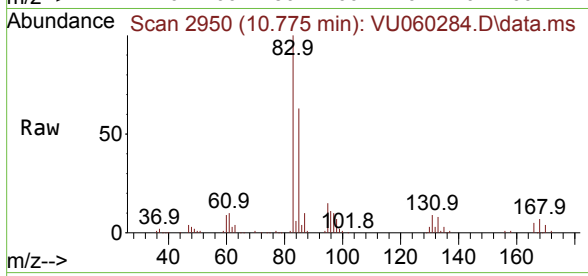




#57
 1,1,2,2-Tetrachloroethane
 Concen: 52.915 ug/L
 RT: 10.775 min Scan# 2950
 Delta R.T. -0.000 min
 Lab File: VU060284.D
 Acq: 31 Jul 2024 16:37

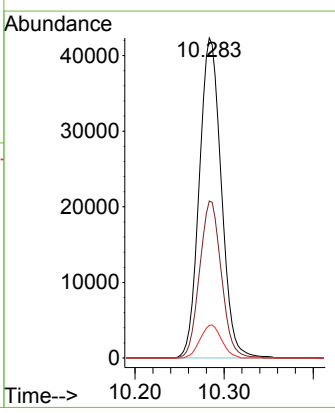
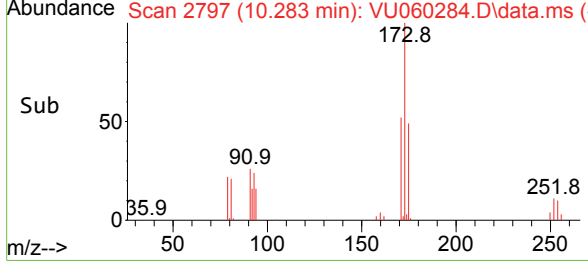
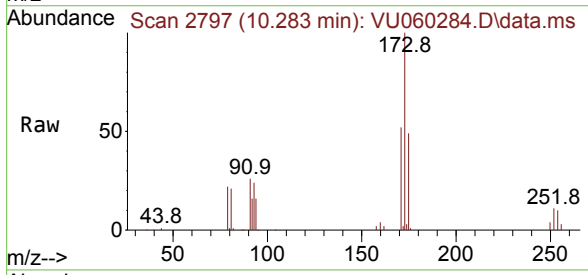
Instrument :
 MSVOA_U
 ClientSampleId :

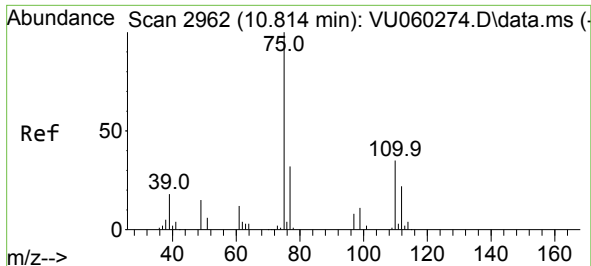
Tgt Ion:	83	Resp:	171600
Ion Ratio	Lower	Upper	
83	100		
85	62.9	45.4	84.2
131	8.7	7.5	11.3



#59
 Bromoform
 Concen: 48.328 ug/L
 RT: 10.283 min Scan# 2797
 Delta R.T. -0.000 min
 Lab File: VU060284.D
 Acq: 31 Jul 2024 16:37

Tgt Ion:	173	Resp:	72395
Ion Ratio	Lower	Upper	
173	100		
175	48.4	39.4	59.2
254	10.1	9.0	13.4

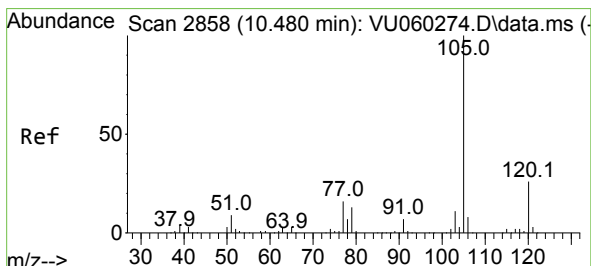
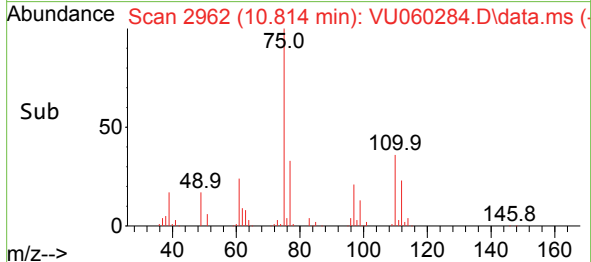
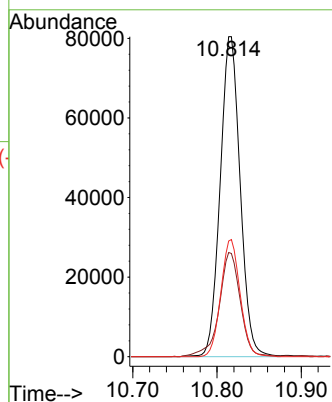
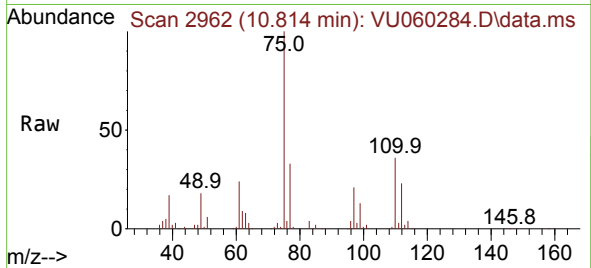




#60
1,2,3-Trichloropropane
Concen: 56.230 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU060284.D
Acq: 31 Jul 2024 16:37

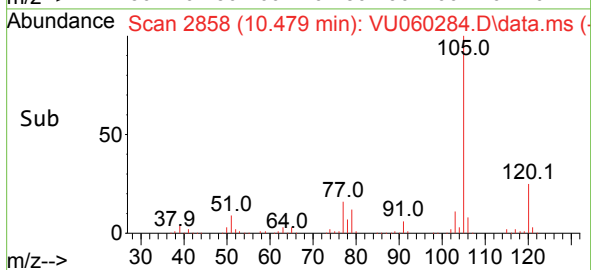
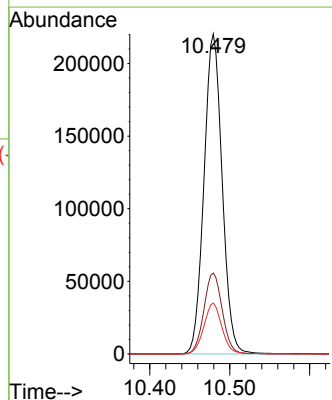
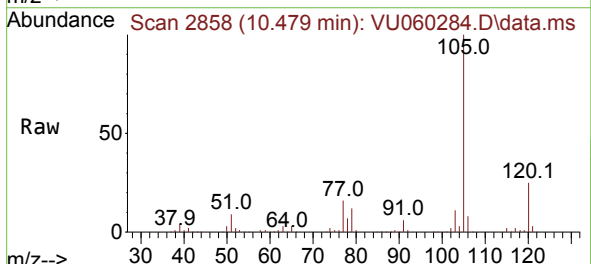
Instrument :
MSVOA_U
ClientSampleId :

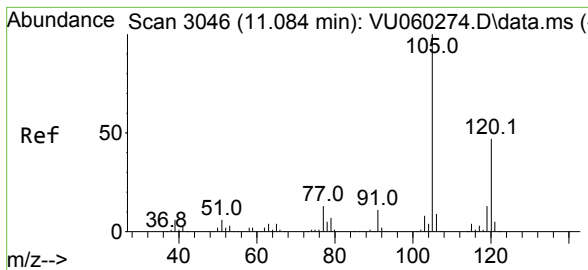
Tgt Ion: 75 Resp: 132211
Ion Ratio Lower Upper
75 100
77 34.3 25.5 38.3
110 35.2 30.7 46.1



#61
Isopropylbenzene
Concen: 48.351 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU060284.D
Acq: 31 Jul 2024 16:37

Tgt Ion: 105 Resp: 349179
Ion Ratio Lower Upper
105 100
120 25.5 20.9 31.3
77 15.7 12.1 18.1

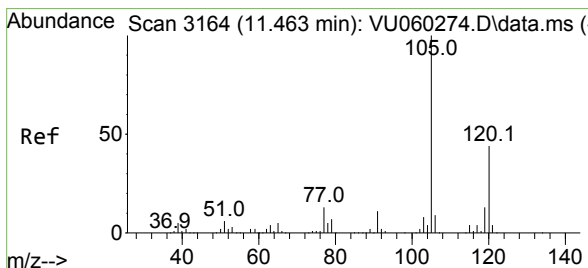
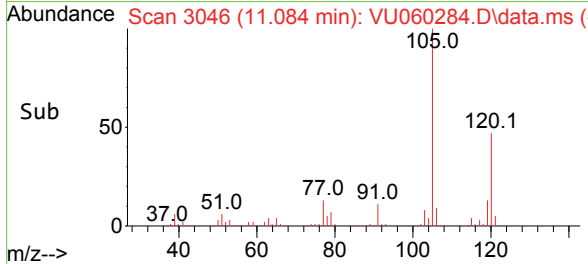
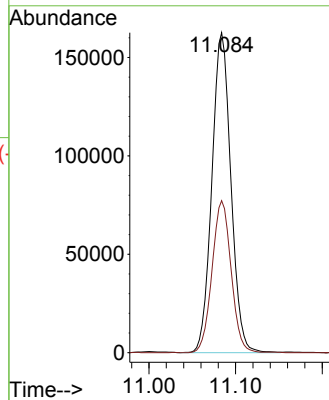
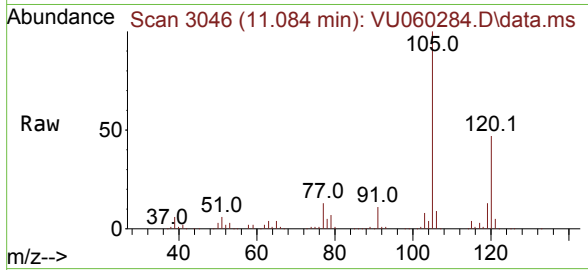




#62
1,3,5-Trimethylbenzene
Concen: 47.006 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU060284.D
Acq: 31 Jul 2024 16:37

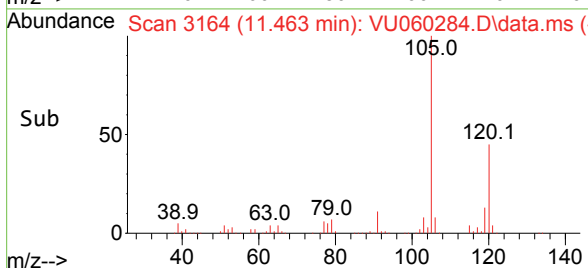
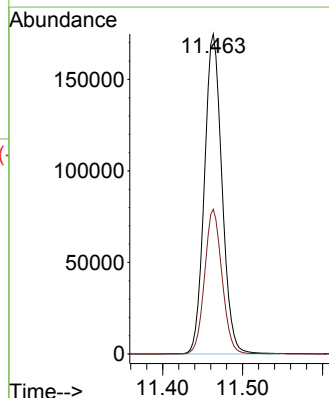
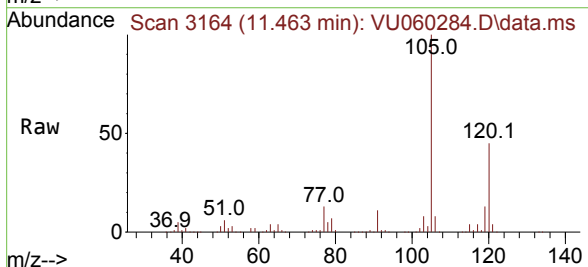
Instrument :
MSVOA_U
ClientSampleId :

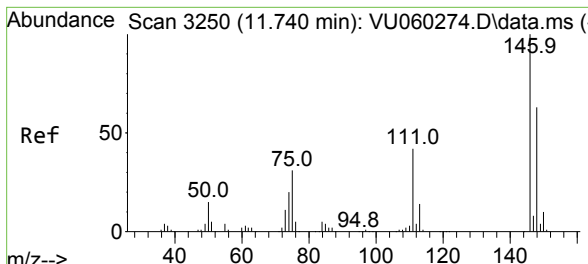
Tgt Ion:105 Resp: 248507
Ion Ratio Lower Upper
105 100
120 47.5 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 47.316 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU060284.D
Acq: 31 Jul 2024 16:37

Tgt Ion:105 Resp: 267945
Ion Ratio Lower Upper
105 100
120 44.7 37.0 55.6





#64

1,3-Dichlorobenzene

Concen: 45.275 ug/L

RT: 11.740 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU060284.D

Acq: 31 Jul 2024 16:37

Instrument :

MSVOA_U

ClientSampleId :

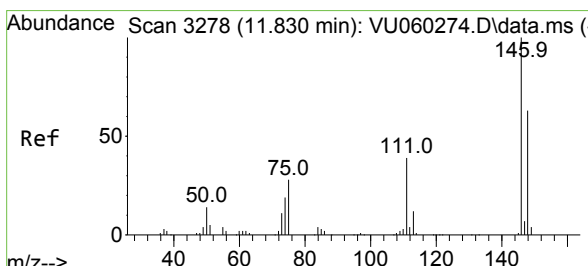
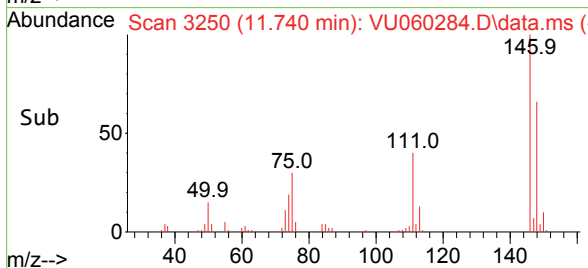
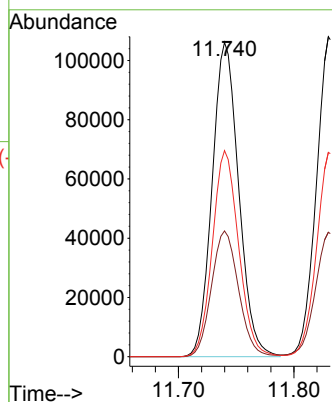
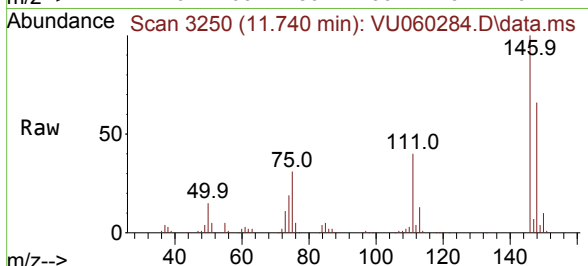
Tgt Ion:146 Resp: 169571

Ion Ratio Lower Upper

146 100

111 40.0 26.5 49.1

148 65.5 43.8 81.3



#65

1,4-Dichlorobenzene

Concen: 44.631 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU060284.D

Acq: 31 Jul 2024 16:37

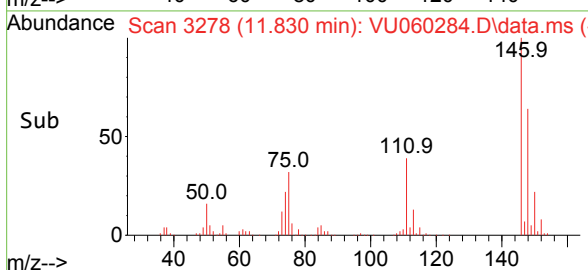
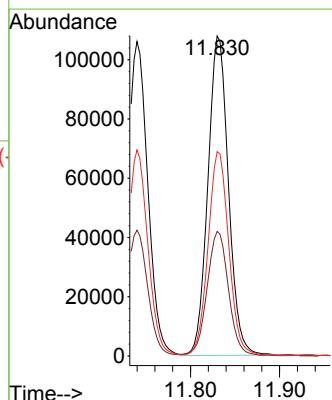
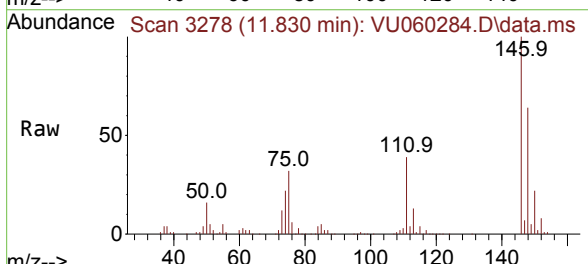
Tgt Ion:146 Resp: 172801

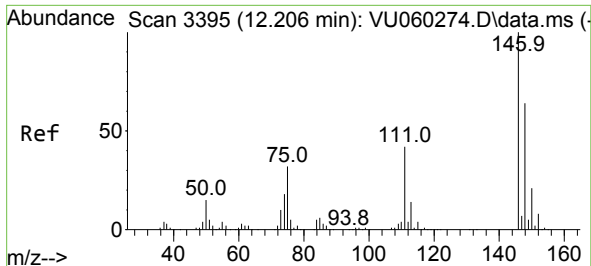
Ion Ratio Lower Upper

146 100

111 38.9 25.9 48.1

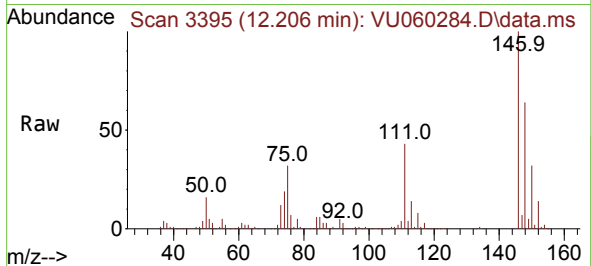
148 63.8 44.0 81.8



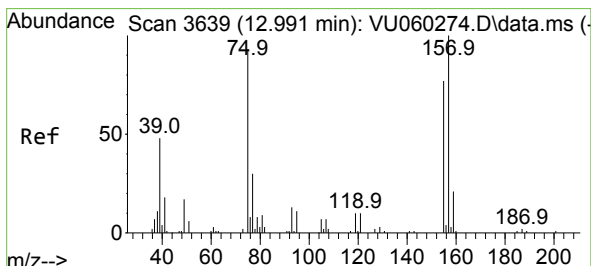
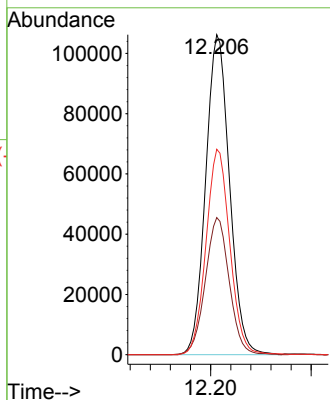
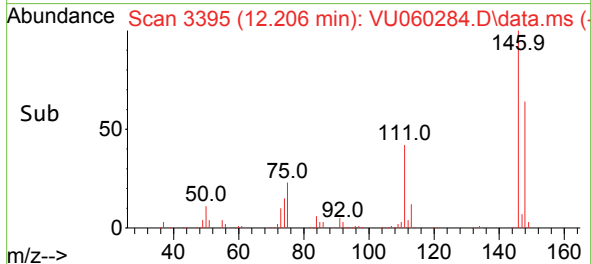


#67
1,2-Dichlorobenzene
Concen: 46.212 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. -0.000 min
Lab File: VU060284.D
Acq: 31 Jul 2024 16:37

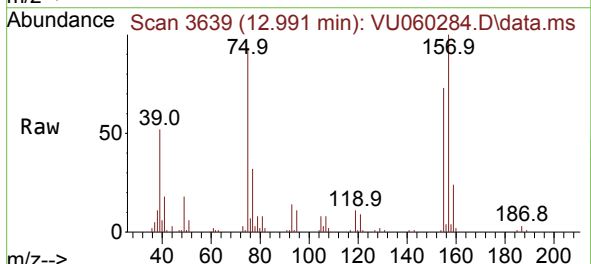
Instrument :
MSVOA_U
ClientSampleId :



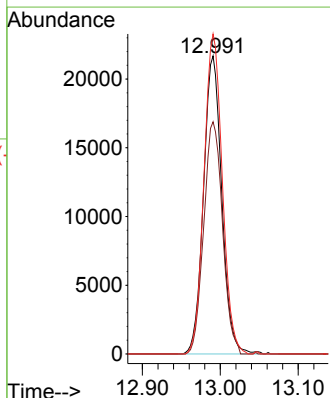
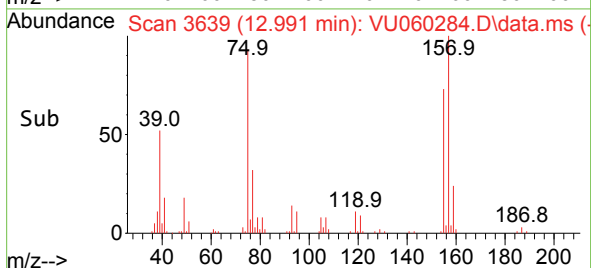
Tgt Ion:146 Resp: 174844
Ion Ratio Lower Upper
146 100
111 42.8 31.7 47.5
148 64.2 50.8 76.2

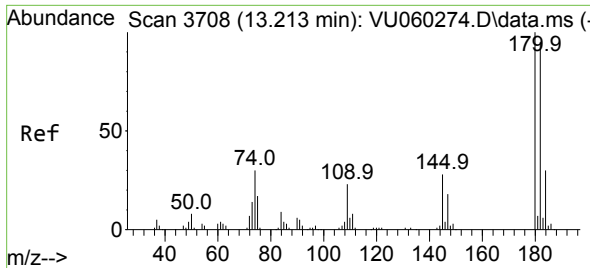


#68
1,2-Dibromo-3-chloropropane
Concen: 54.947 ug/L
RT: 12.991 min Scan# 3639
Delta R.T. -0.000 min
Lab File: VU060284.D
Acq: 31 Jul 2024 16:37



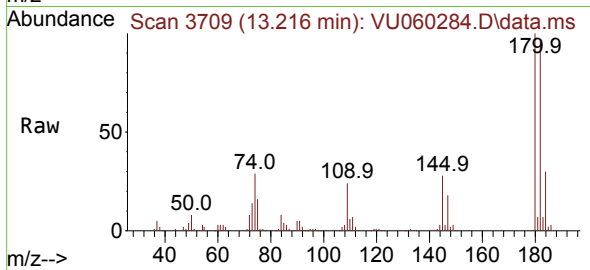
Tgt Ion: 75 Resp: 35332
Ion Ratio Lower Upper
75 100
155 77.9 73.5 110.3
157 107.4 93.5 140.3



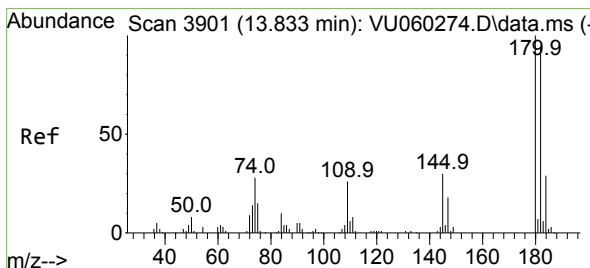
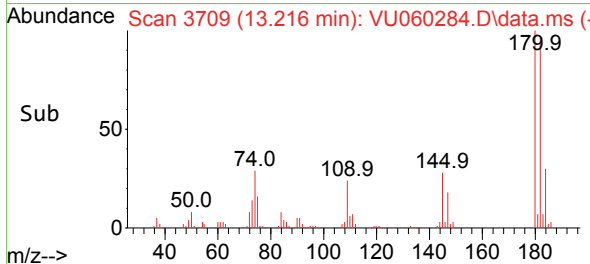
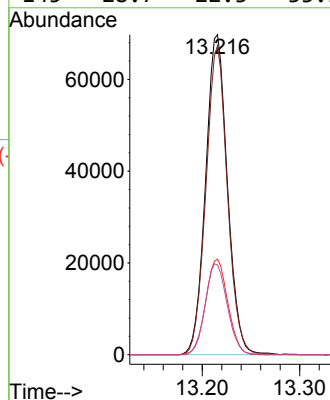


#69
 1,3,5-Trichlorobenzene
 Concen: 40.315 ug/L
 RT: 13.216 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU060284.D
 Acq: 31 Jul 2024 16:37

Instrument :
 MSVOA_U
 ClientSampleId :

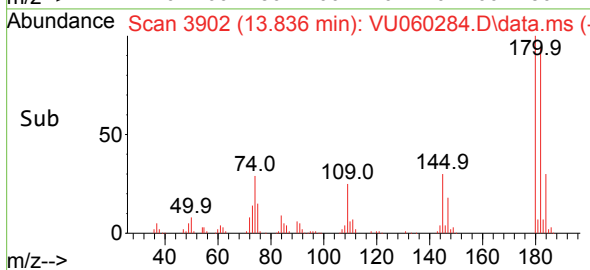
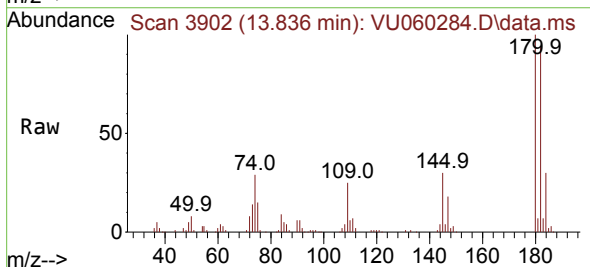
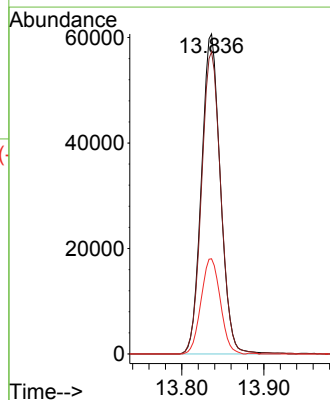


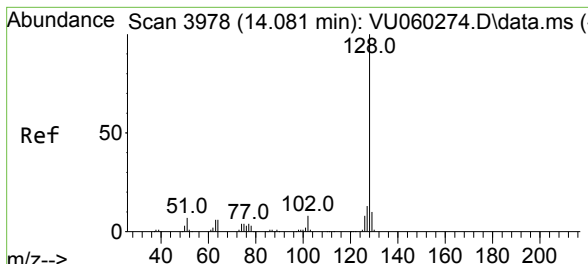
Tgt Ion:180 Resp: 108863
 Ion Ratio Lower Upper
 180 100
 182 94.5 75.8 113.8
 184 30.0 24.7 37.1
 145 28.7 22.3 33.5



#70
 1,2,4-trichlorobenzene
 Concen: 39.923 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. 0.003 min
 Lab File: VU060284.D
 Acq: 31 Jul 2024 16:37

Tgt Ion:180 Resp: 97167
 Ion Ratio Lower Upper
 180 100
 182 96.1 76.4 114.6
 145 30.3 23.0 34.4

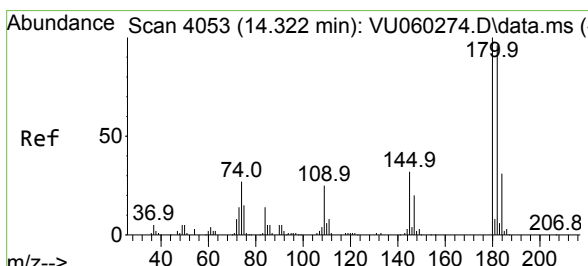
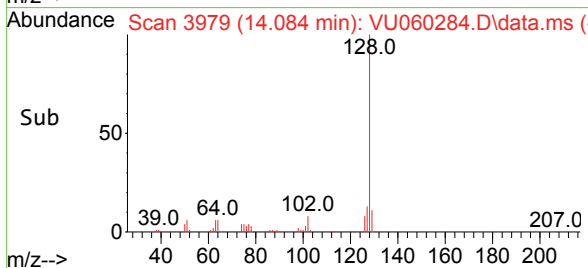
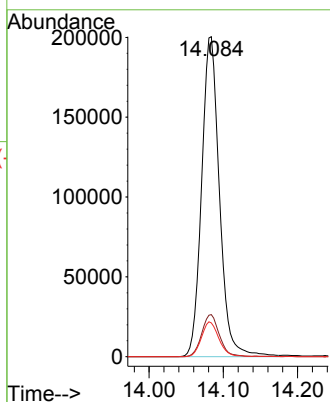
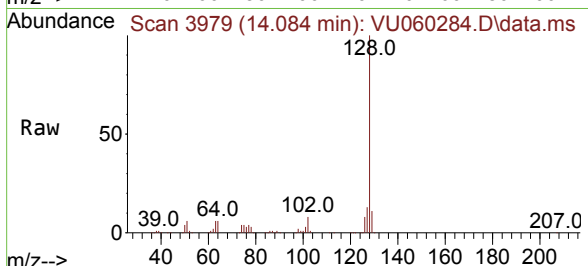




#71
Naphthalene
Concen: 47.517 ug/L
RT: 14.084 min Scan# 3978
Delta R.T. 0.003 min
Lab File: VU060284.D
Acq: 31 Jul 2024 16:37

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	128	Resp:	334208
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	10.7	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 42.405 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU060284.D
Acq: 31 Jul 2024 16:37

Tgt Ion:	180	Resp:	103549
Ion Ratio	Lower	Upper	
180	100		
182	95.8	75.8	113.8
145	32.4	24.5	36.7

