

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U081424\
 Data File : VU060440.D
 Acq On : 14 Aug 2024 09:01
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 14 17:15:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 14 01:18:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	92264	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	96151	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	50708	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	33367	4.607	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.200%
7) Chloroethane-d5	1.911	69	29544	4.524	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.560	65	14631	4.747	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.000%
20) 2-Butanone-d5	4.631	46	76365	49.685	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.360%
24) Chloroform-d	5.055	84	72085	5.027	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.695	65	34426	5.177	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	5.721	84	137703	4.749	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	6.682	67	42785	4.757	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.891	98	135749	5.244	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
43) trans-1,3-Dichloroprop...	8.174	79	16229	5.581	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.600%
46) 2-Hexanone-d5	8.627	63	62850	48.705	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.400%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	35947	4.871	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	46954	5.027	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	28238	5.673	ug/L	99
3) Chloromethane	1.518	50	28466	4.598	ug/L	96
5) Vinyl chloride	1.602	62	35332	4.875	ug/L	98
6) Bromomethane	1.856	94	24636	4.800	ug/L	97
8) Chloroethane	1.930	64	23617	4.804	ug/L	97
9) Trichlorofluoromethane	2.132	101	58278	5.735	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	35183	5.254	ug/L	99
12) 1,1-Dichloroethene	2.573	96	30035	4.937	ug/L	98
13) Acetone	2.640	43	57642	54.920	ug/L	97
14) Carbon disulfide	2.788	76	68626	4.471	ug/L	99
15) Methyl Acetate	2.956	43	12603	5.795	ug/L	98
16) Methylene chloride	3.039	84	38487	4.450	ug/L	95
17) Methyl tert-butyl Ether	3.357	73	74992	5.229	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	29200	4.893	ug/L	96
19) 1,1-Dichloroethane	3.862	63	65753	5.336	ug/L	99
21) 2-Butanone	4.711	43	84500	54.017	ug/L	94
22) cis-1,2-Dichloroethene	4.660	96	36280	5.036	ug/L	96
23) Bromochloromethane	4.968	128	17559	5.281	ug/L	96
25) Chloroform	5.081	83	71458	5.331	ug/L	97

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Quant Time: Aug 14 17:15:37 2024
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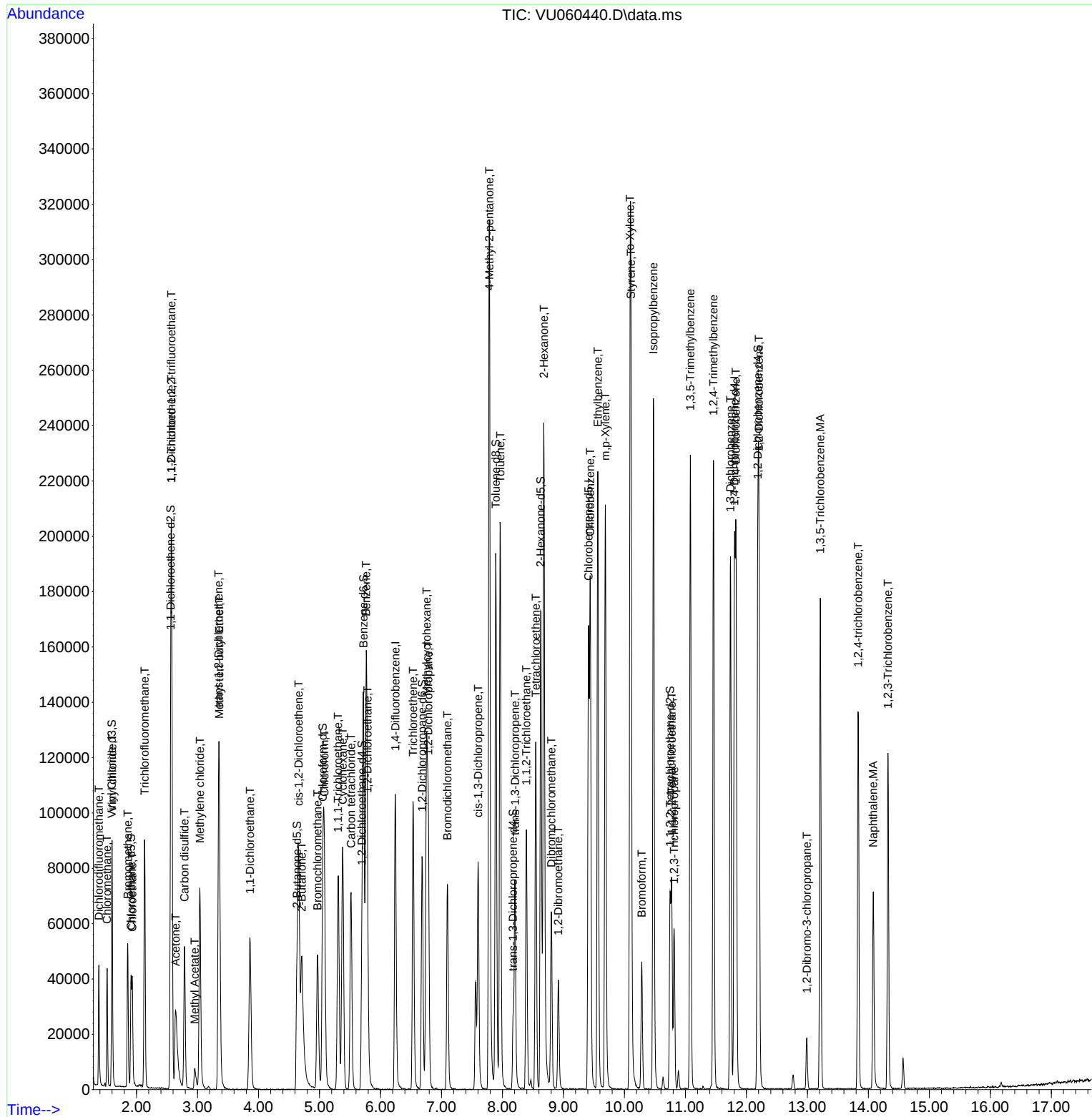
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	42319	5.936	ug/L	96
29) 1,1,1-Trichloroethane	5.306	97	58175	5.527	ug/L	99
30) Cyclohexane	5.383	56	40263	4.725	ug/L	95
31) Carbon tetrachloride	5.518	117	52219	5.661	ug/L	98
33) Benzene	5.766	78	143473	5.183	ug/L	100
34) Trichloroethene	6.534	95	36409	5.024	ug/L	95
35) Methylcyclohexane	6.756	83	46026	4.864	ug/L	100
37) 1,2-Dichloropropane	6.785	63	40446	5.368	ug/L	100
38) Bromodichloromethane	7.100	83	51403	5.520	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	53958	5.273	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	200137	56.908	ug/L	98
42) Toluene	7.965	91	155590	5.319	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	45823	5.420	ug/L	93
45) 1,1,2-Trichloroethane	8.393	97	29509	5.114	ug/L	96
47) Tetrachloroethene	8.547	164	28969	5.111	ug/L	97
48) 2-Hexanone	8.679	43	154744	58.042	ug/L	98
49) Dibromochloromethane	8.801	129	34744	5.663	ug/L	99
50) 1,2-Dibromoethane	8.917	107	26626	5.184	ug/L	97
51) Chlorobenzene	9.441	112	102273	5.182	ug/L	96
52) Ethylbenzene	9.563	91	158974	5.159	ug/L	98
53) m,p-Xylene	9.688	106	61391	5.241	ug/L	97
54) o-Xylene	10.094	106	61494	5.487	ug/L	100
55) Styrene	10.110	104	107591	5.548	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	37974	5.293	ug/L	100
59) Bromoform	10.283	173	21306	5.533	ug/L	98
60) Isopropylbenzene	10.476	105	163978	5.356	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	26971	5.494	ug/L	94
62) 1,3,5-Trimethylbenzene	11.081	105	126122	5.351	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	124628	5.365	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	83568	5.355	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	80382	5.110	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	79179	5.374	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	5416	5.885	ug/L	92
69) 1,3,5-Trichlorobenzene	13.212	180	58174	4.933	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	45761	4.943	ug/L	98
71) Naphthalene	14.080	128	62207	4.725	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	39410	4.751	ug/L	98

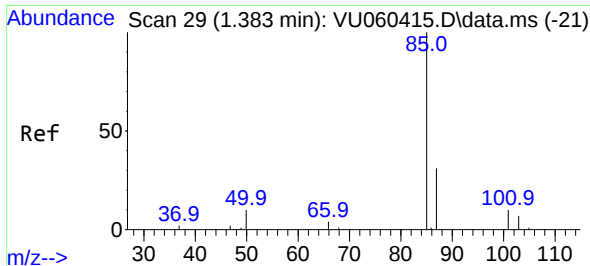
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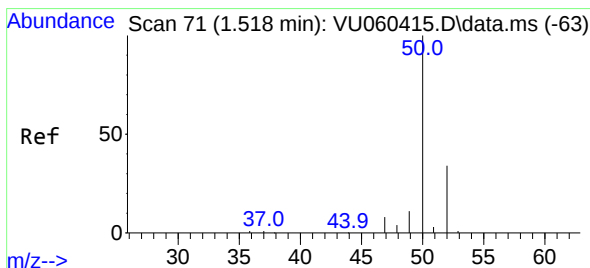
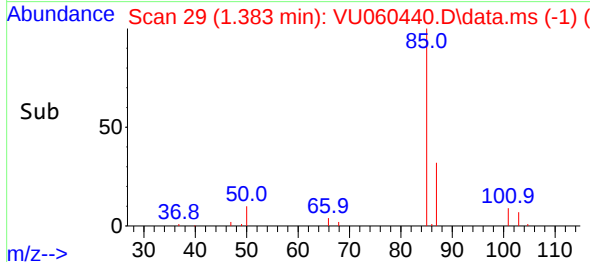
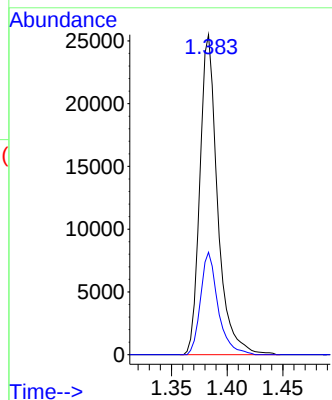
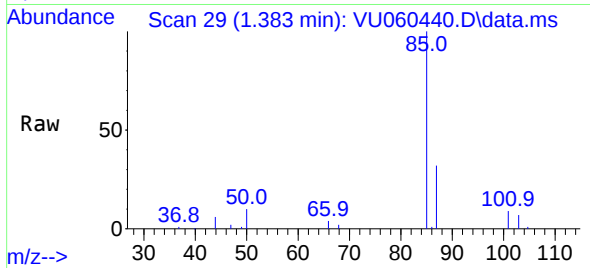




#2
Dichlorodifluoromethane
Concen: 5.673 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU060440.D
Acq: 14 Aug 2024 09:01

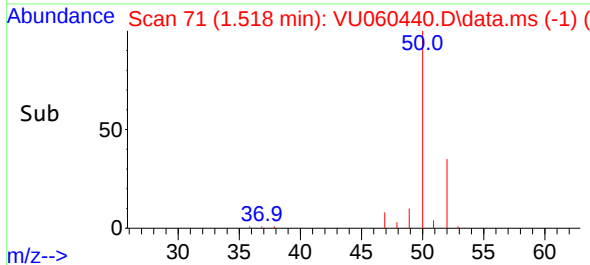
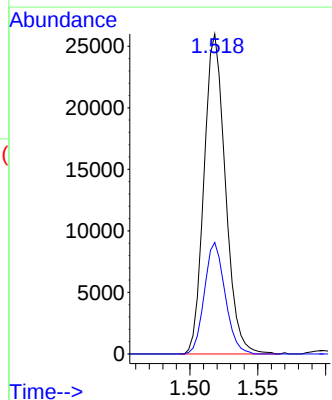
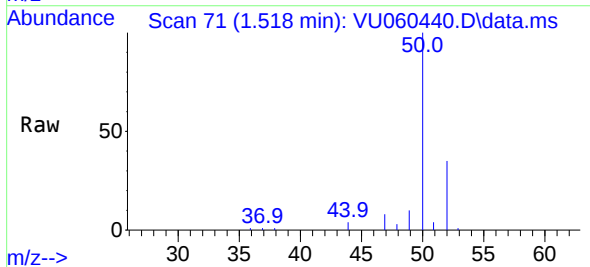
Instrument :
MSVOA_U
ClientSampleId :

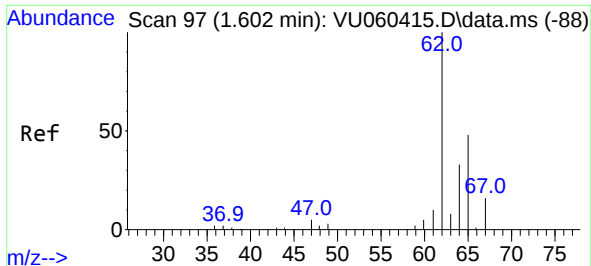
Tgt Ion: 85 Resp: 28238
Ion Ratio Lower Upper
85 100
87 31.6 25.7 38.5



#3
Chloromethane
Concen: 4.598 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU060440.D
Acq: 14 Aug 2024 09:01

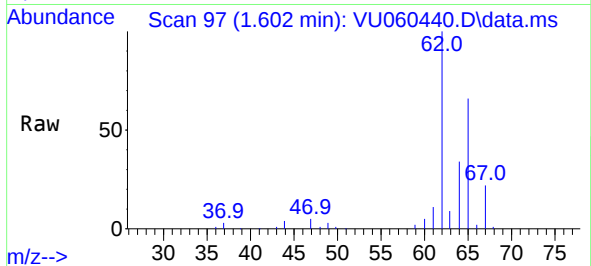
Tgt Ion: 50 Resp: 28466
Ion Ratio Lower Upper
50 100
52 34.9 22.8 42.4



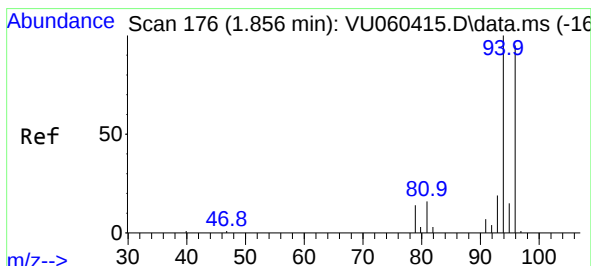
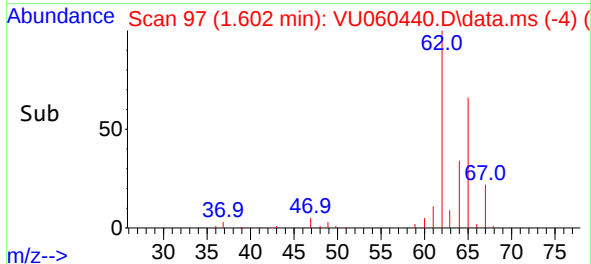
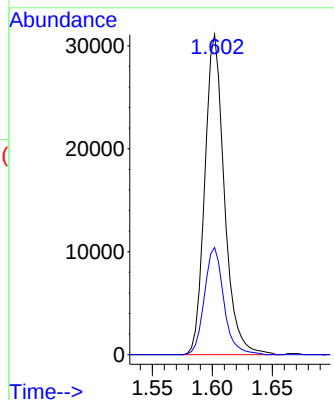


#5
Vinyl chloride
Concen: 4.875 ug/L
RT: 1.602 min Scan# 91
Delta R.T. 0.000 min
Lab File: VU060440.D
Acq: 14 Aug 2024 09:01

Instrument :
MSVOA_U
ClientSampleId :

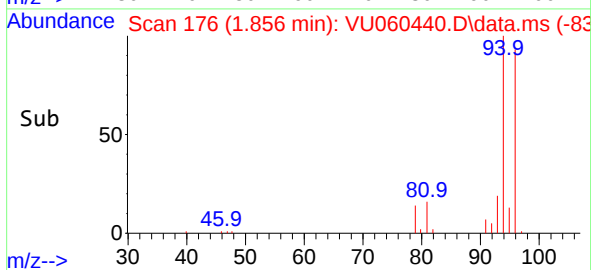
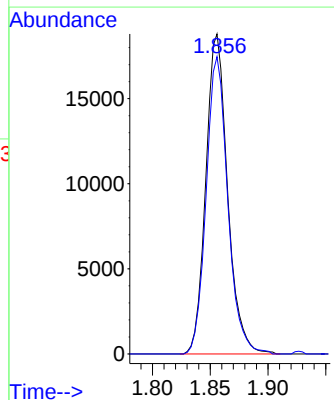
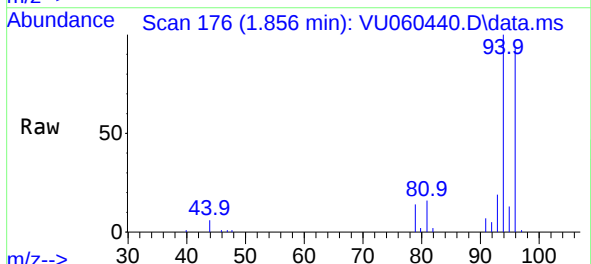


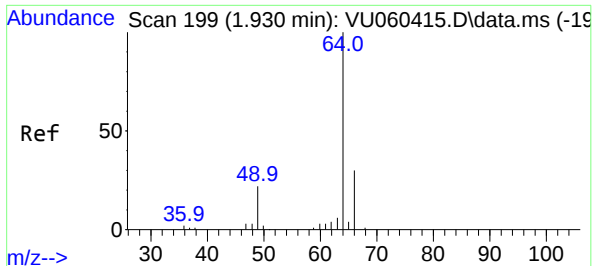
Tgt Ion: 62 Resp: 35332
Ion Ratio Lower Upper
62 100
64 33.5 24.1 44.7



#6
Bromomethane
Concen: 4.800 ug/L
RT: 1.856 min Scan# 176
Delta R.T. 0.000 min
Lab File: VU060440.D
Acq: 14 Aug 2024 09:01

Tgt Ion: 94 Resp: 24636
Ion Ratio Lower Upper
94 100
96 92.9 63.2 117.4

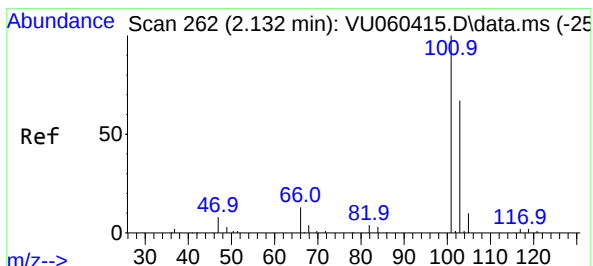
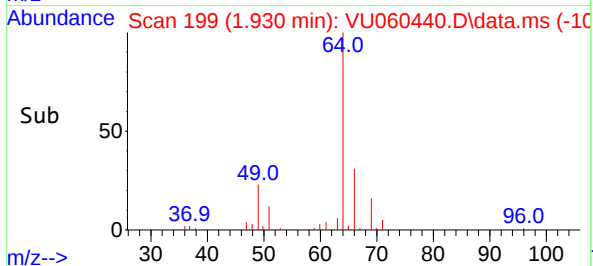
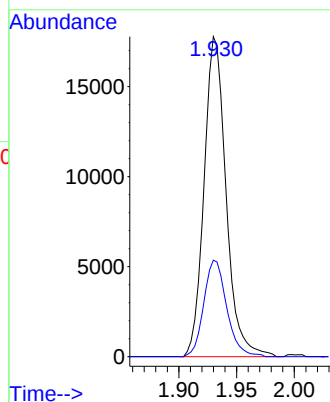
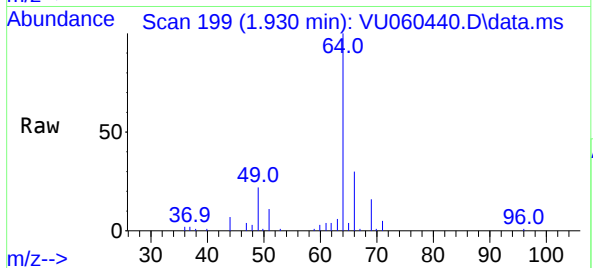




#8
Chloroethane
Concen: 4.804 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU060440.D
Acq: 14 Aug 2024 09:01

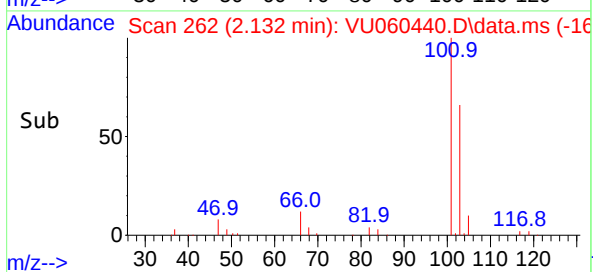
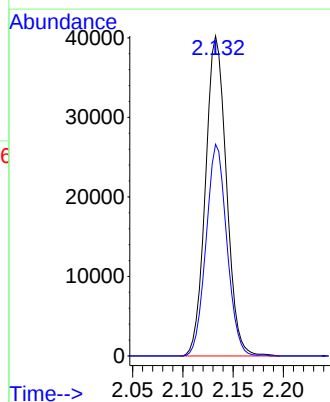
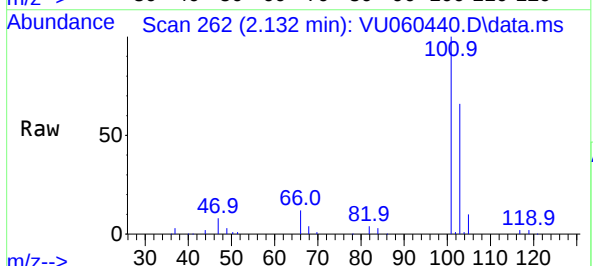
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MSVOA_U
ClientSampleId :

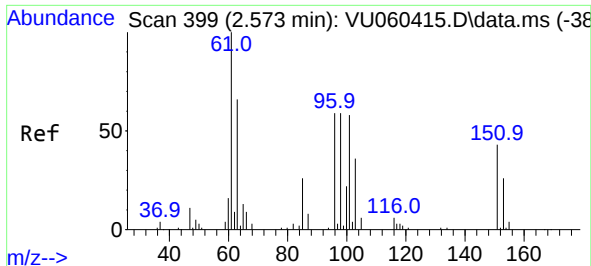
Tgt Ion: 64 Resp: 23617
Ion Ratio Lower Upper
64 100
66 30.2 22.2 41.2



#9
Trichlorofluoromethane
Concen: 5.735 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU060440.D
Acq: 14 Aug 2024 09:01

Tgt Ion:101 Resp: 58278
Ion Ratio Lower Upper
101 100
103 65.7 51.7 77.5

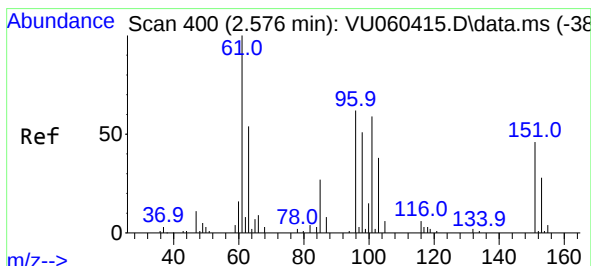
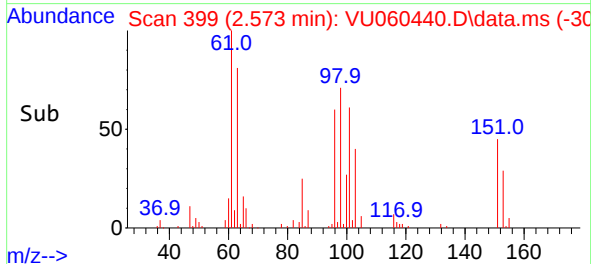
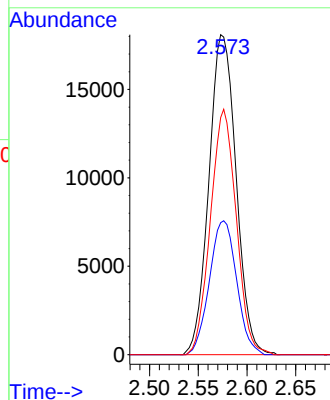
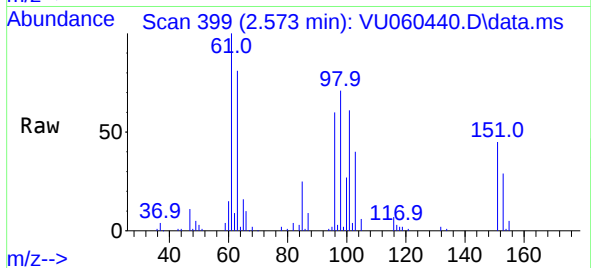




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.254 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU060440.D
Acq: 14 Aug 2024 09:01

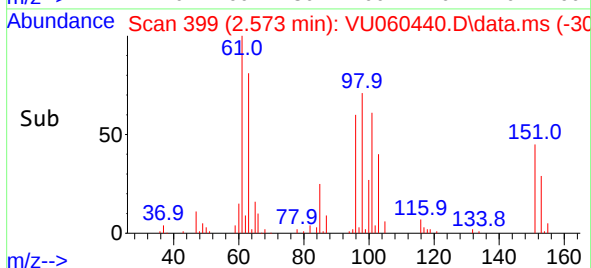
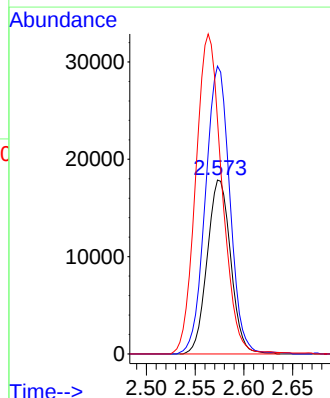
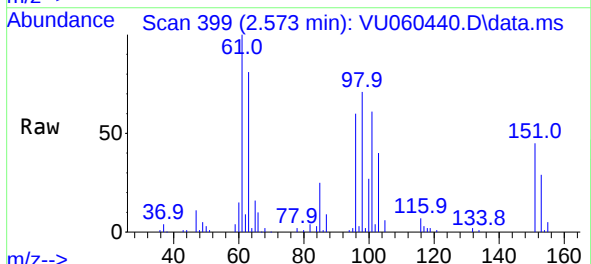
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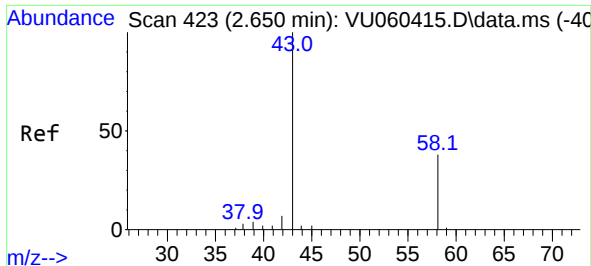
Tgt Ion:101 Resp: 35183
Ion Ratio Lower Upper
101 100
85 41.9 33.5 50.3
151 72.8 59.7 89.5



#12
1,1-Dichloroethene
Concen: 4.937 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU060440.D
Acq: 14 Aug 2024 09:01

Tgt Ion: 96 Resp: 30035
Ion Ratio Lower Upper
96 100
61 165.6 114.4 212.4
63 134.6 96.0 178.4

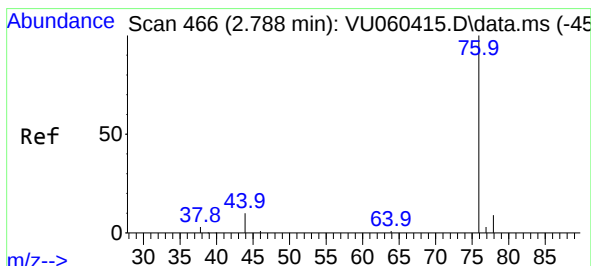
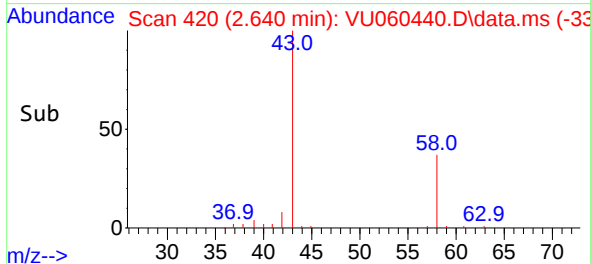
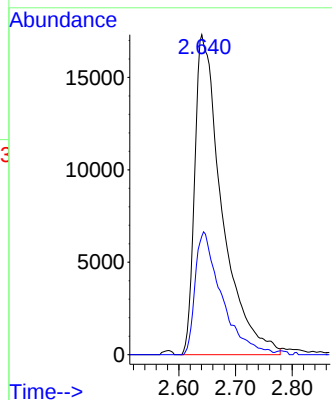
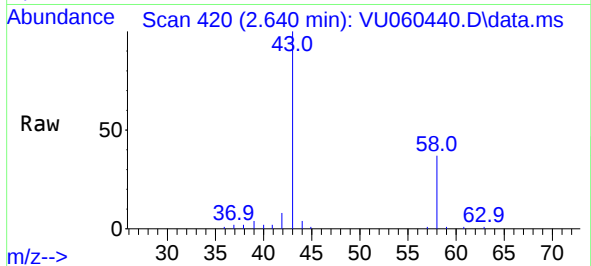




#13
Acetone
Concen: 54.920 ug/L
RT: 2.640 min Scan# 413
Delta R.T. -0.010 min
Lab File: VU060440.D
Acq: 14 Aug 2024 09:01

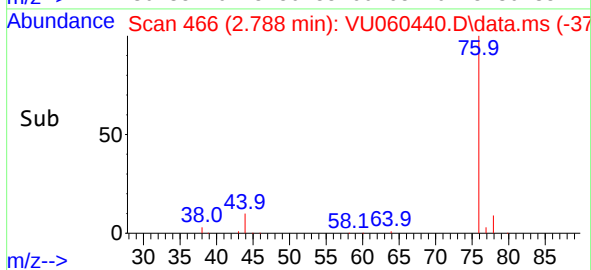
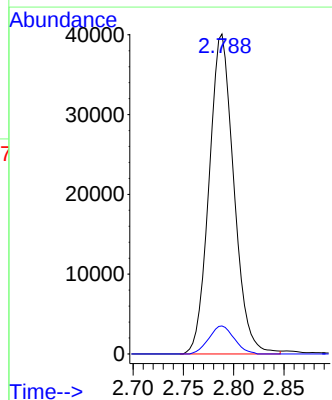
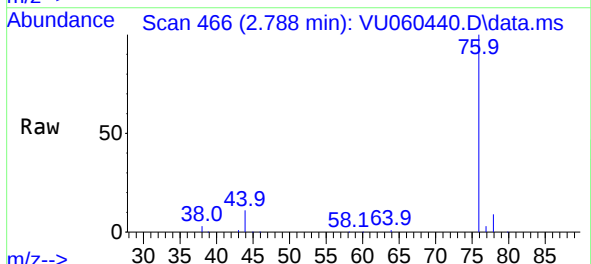
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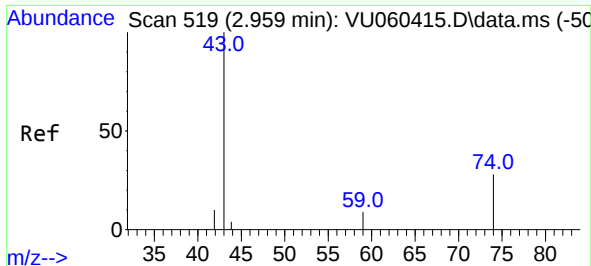
Tgt Ion: 43 Resp: 57642
Ion Ratio Lower Upper
43 100
58 37.4 0.0 78.8



#14
Carbon disulfide
Concen: 4.471 ug/L
RT: 2.788 min Scan# 466
Delta R.T. 0.000 min
Lab File: VU060440.D
Acq: 14 Aug 2024 09:01

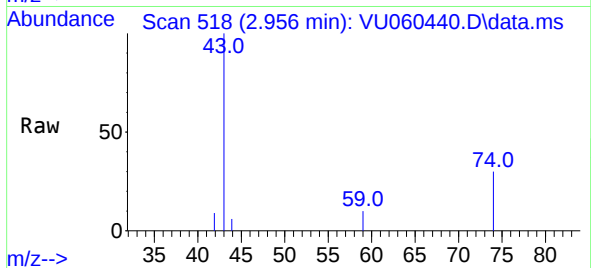
Tgt Ion: 76 Resp: 68626
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



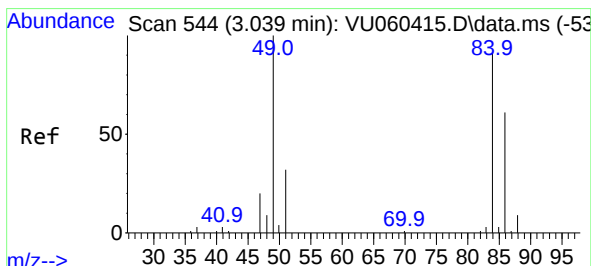
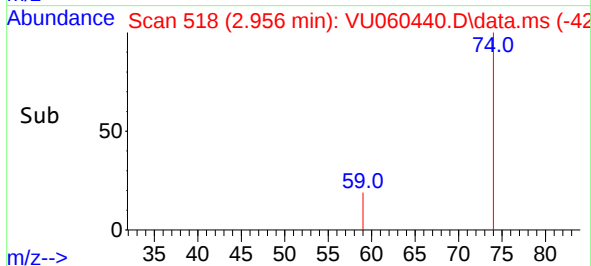
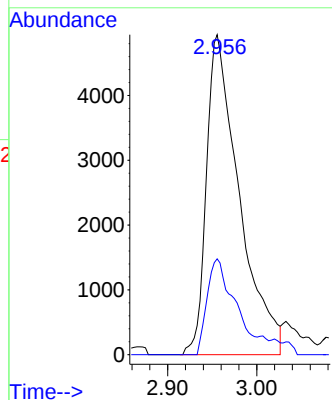


#15
Methyl Acetate
Concen: 5.795 ug/L
RT: 2.956 min Scan# 519
Delta R.T. -0.003 min
Lab File: VU060440.D
Acq: 14 Aug 2024 09:01

Instrument :
MSVOA_U
ClientSampleId :

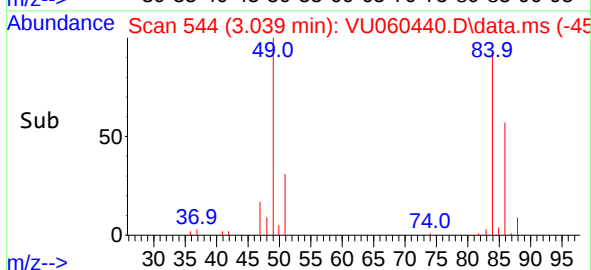
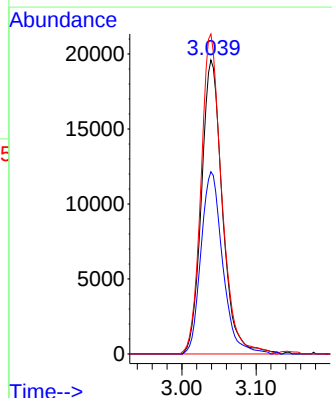
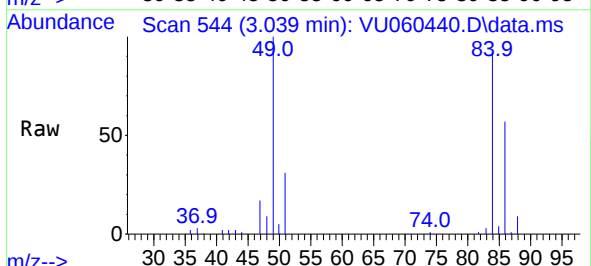


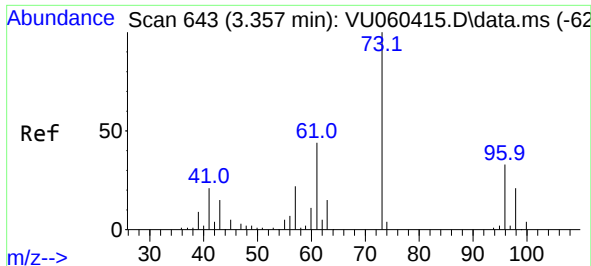
Tgt Ion: 43 Resp: 12603
Ion Ratio Lower Upper
43 100
74 25.4 21.3 31.9



#16
Methylene chloride
Concen: 4.450 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU060440.D
Acq: 14 Aug 2024 09:01

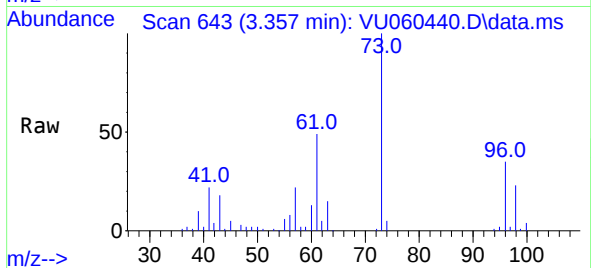
Tgt Ion: 84 Resp: 38487
Ion Ratio Lower Upper
84 100
86 62.0 47.1 87.5
49 108.9 73.9 137.3



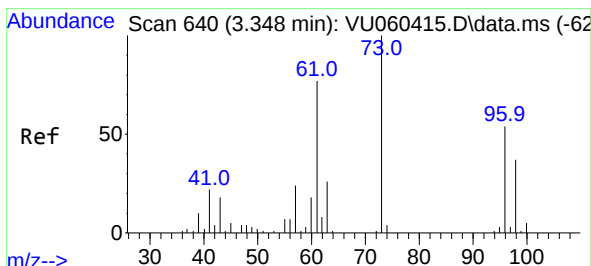
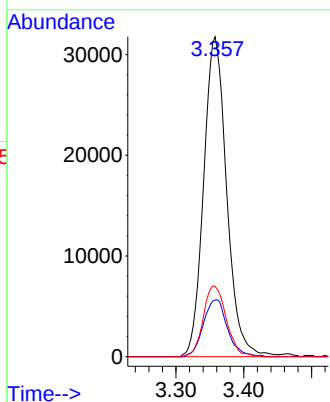
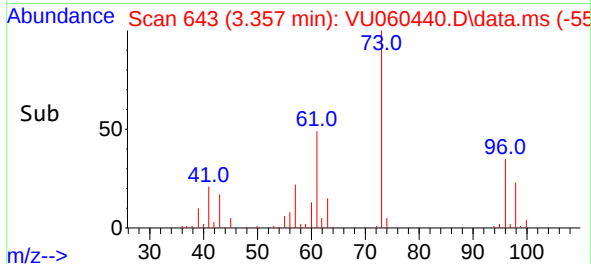


#17
Methyl tert-butyl Ether
Concen: 5.229 ug/L
RT: 3.357 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU060440.D
Acq: 14 Aug 2024 09:01

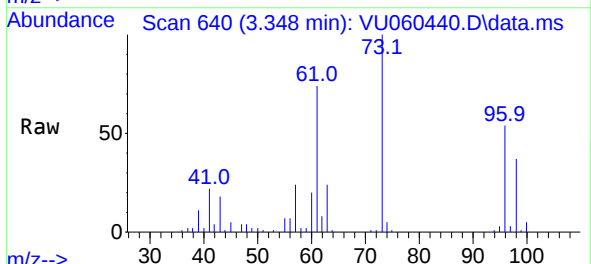
Instrument :
MSVOA_U
ClientSampleId :



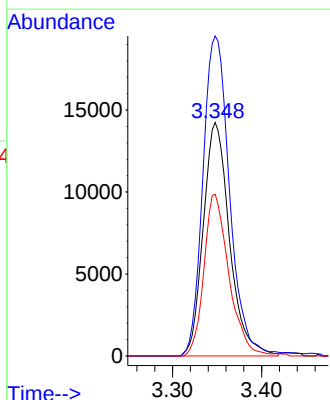
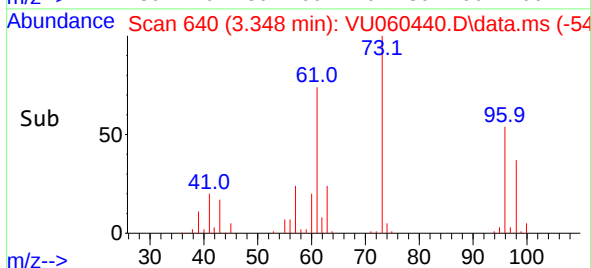
Tgt Ion: 73 Resp: 74992
Ion Ratio Lower Upper
73 100
43 18.7 12.8 19.2
57 22.1 17.5 26.3

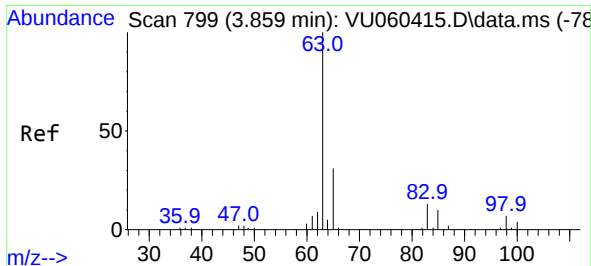


#18
trans-1,2-Dichloroethene
Concen: 4.893 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU060440.D
Acq: 14 Aug 2024 09:01



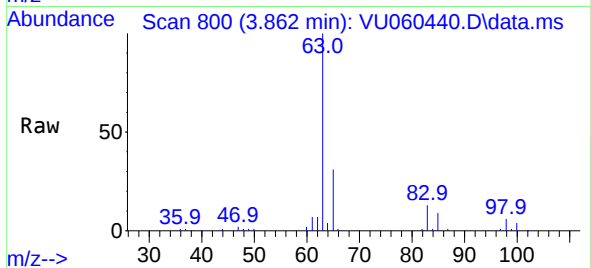
Tgt Ion: 96 Resp: 29200
Ion Ratio Lower Upper
96 100
61 137.1 93.7 174.1
98 69.3 44.7 82.9



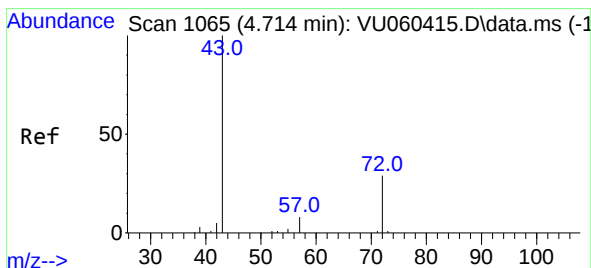
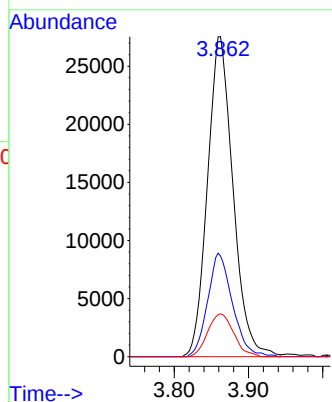
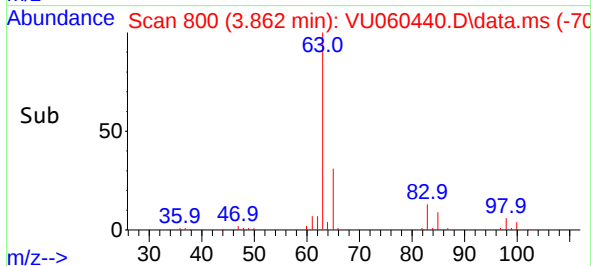


#19
1,1-Dichloroethane
Concen: 5.336 ug/L
RT: 3.862 min Scan# 80
Delta R.T. 0.003 min
Lab File: VU060440.D
Acq: 14 Aug 2024 09:01

Instrument :
MSVOA_U
ClientSampleId :

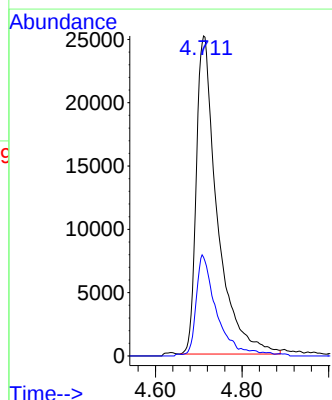
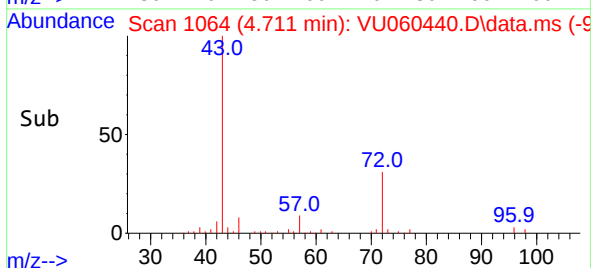
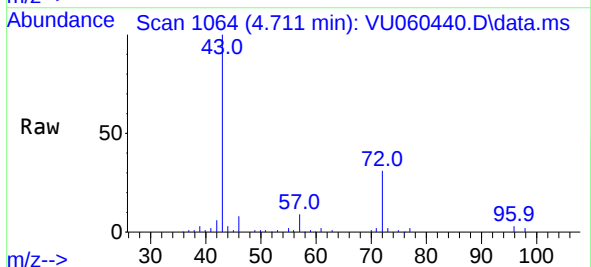


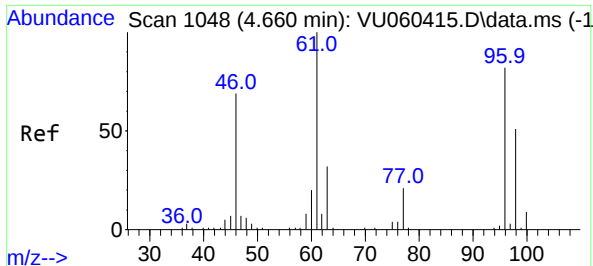
Tgt Ion: 63 Resp: 65753
Ion Ratio Lower Upper
63 100
65 31.5 22.2 41.2
83 13.4 9.1 16.9



#21
2-Butanone
Concen: 54.017 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. -0.003 min
Lab File: VU060440.D
Acq: 14 Aug 2024 09:01

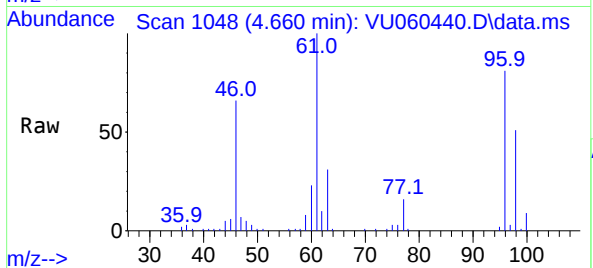
Tgt Ion: 43 Resp: 84500
Ion Ratio Lower Upper
43 100
72 28.5 15.9 47.6





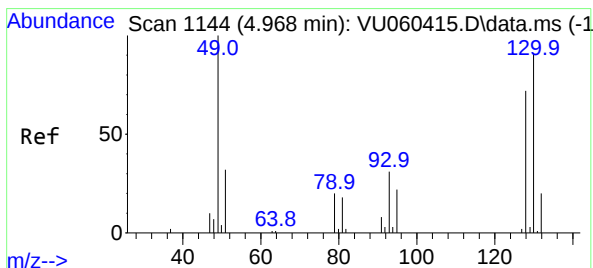
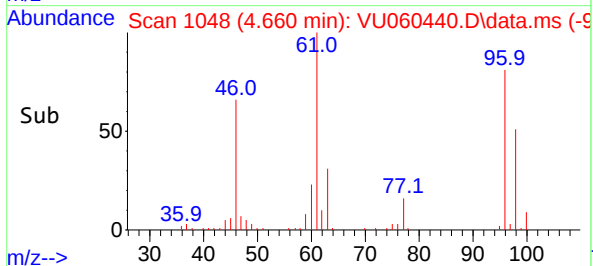
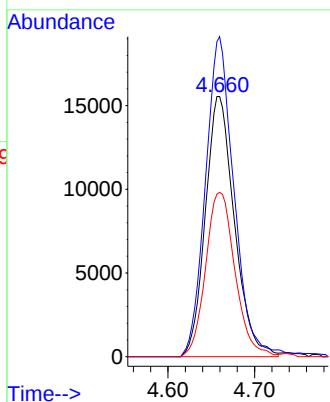
#22
 cis-1,2-Dichloroethene
 Concen: 5.036 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU060440.D
 Acq: 14 Aug 2024 09:01

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 36280

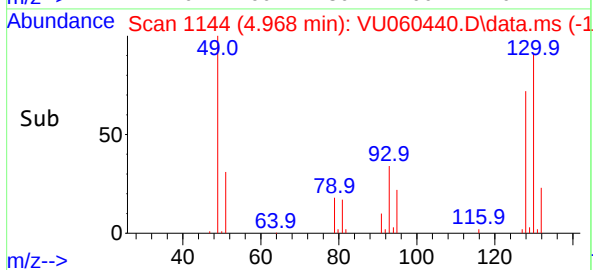
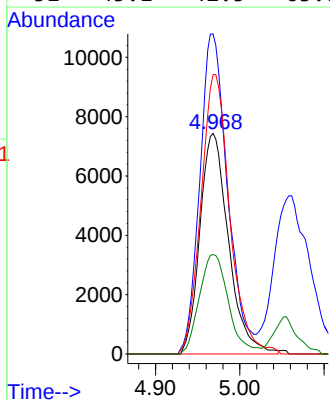
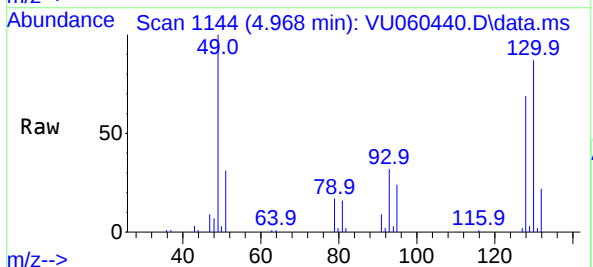
Ion	Ratio	Lower	Upper
96	100		
61	123.0	81.5	151.5
98	63.1	43.5	80.7

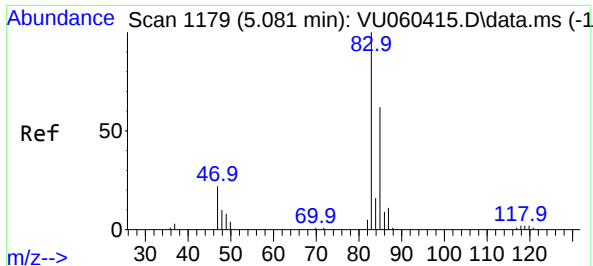


#23
 Bromochloromethane
 Concen: 5.281 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU060440.D
 Acq: 14 Aug 2024 09:01

Tgt Ion: 128 Resp: 17559

Ion	Ratio	Lower	Upper
128	100		
49	145.2	101.0	187.6
130	126.8	92.7	172.1
51	45.1	42.5	63.7

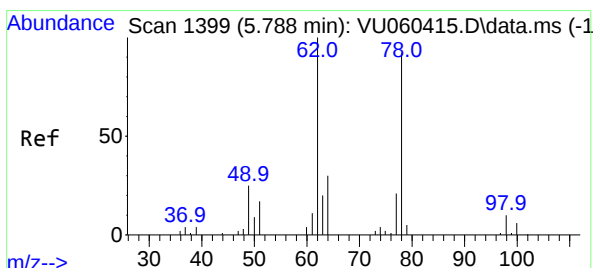
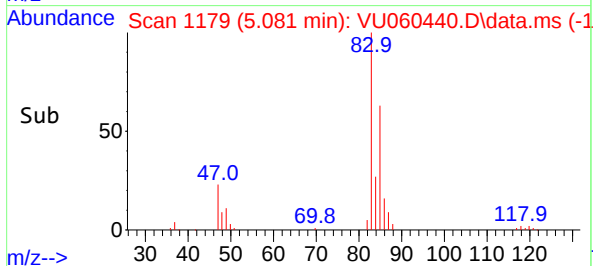
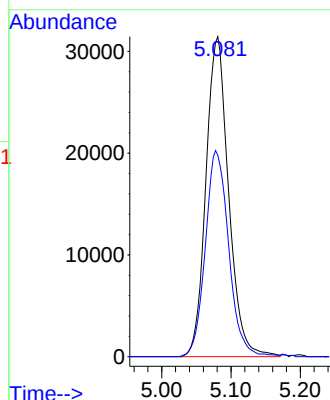
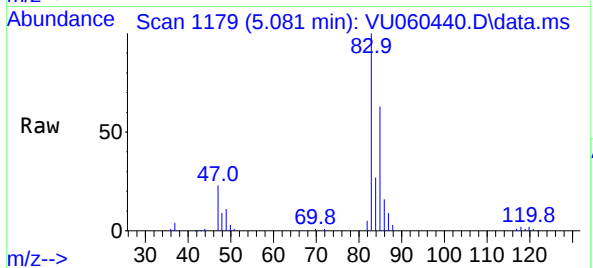




#25
Chloroform
Concen: 5.331 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VU060440.D
Acq: 14 Aug 2024 09:01

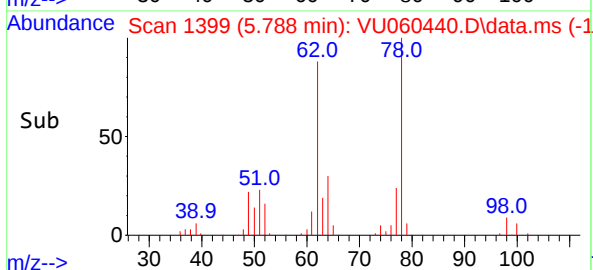
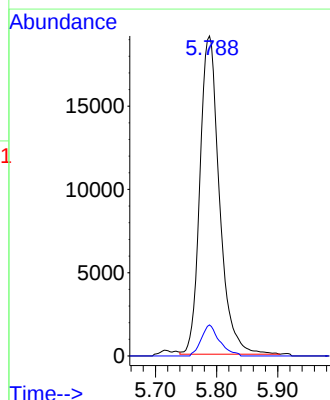
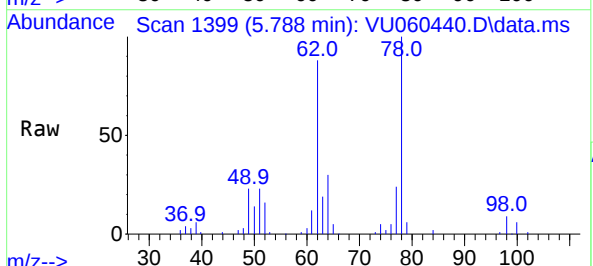
Instrument :
MSVOA_U
ClientSampleId :

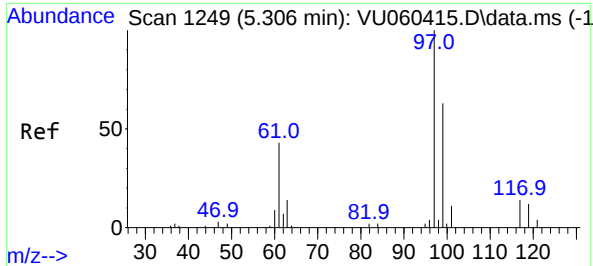
Tgt Ion: 83 Resp: 71458
Ion Ratio Lower Upper
83 100
85 62.9 45.6 84.6



#27
1,2-Dichloroethane
Concen: 5.936 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VU060440.D
Acq: 14 Aug 2024 09:01

Tgt Ion: 62 Resp: 42319
Ion Ratio Lower Upper
62 100
98 9.7 9.0 13.6

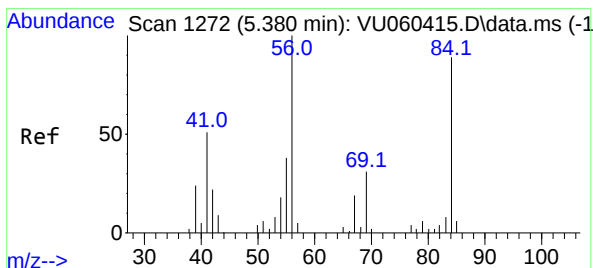
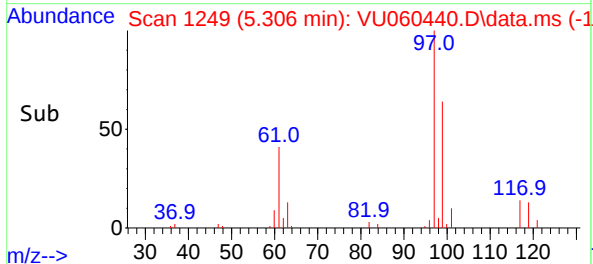
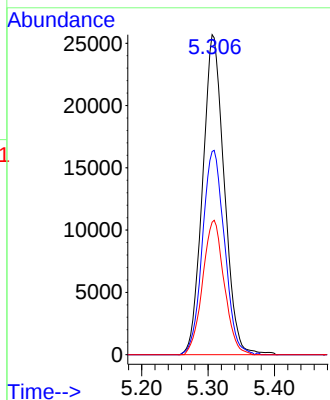
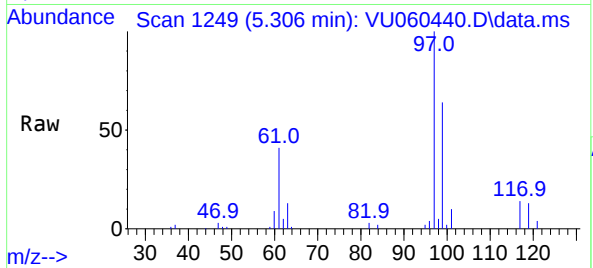




#29
1,1,1-Trichloroethane
Concen: 5.527 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU060440.D
Acq: 14 Aug 2024 09:01

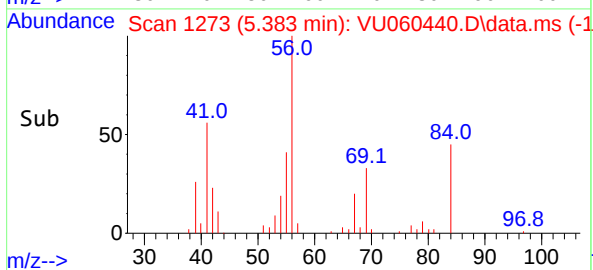
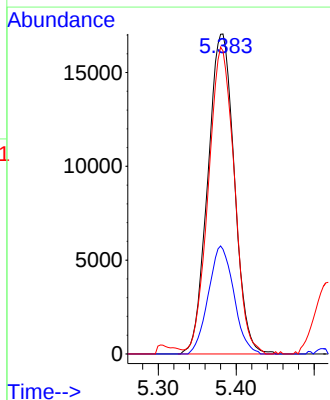
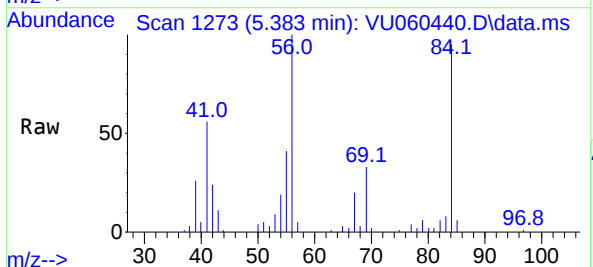
Instrument :
MSVOA_U
ClientSampleId :

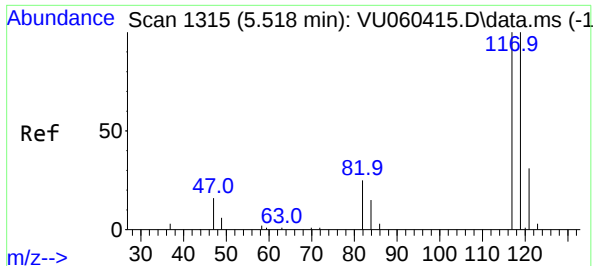
Tgt Ion: 97 Resp: 58175
Ion Ratio Lower Upper
97 100
99 65.0 51.4 77.2
61 41.9 33.0 49.6



#30
Cyclohexane
Concen: 4.725 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VU060440.D
Acq: 14 Aug 2024 09:01

Tgt Ion: 56 Resp: 40263
Ion Ratio Lower Upper
56 100
69 32.4 24.7 37.1
84 93.9 70.7 106.1

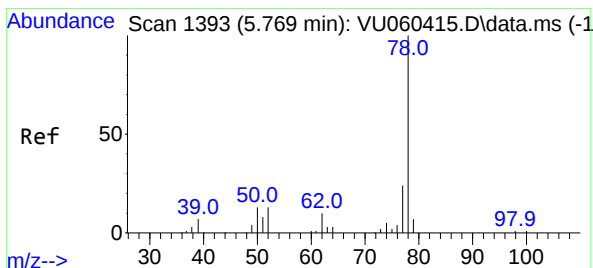
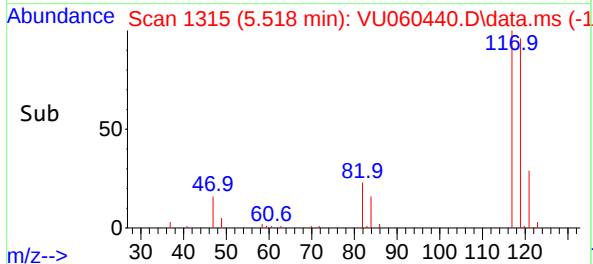
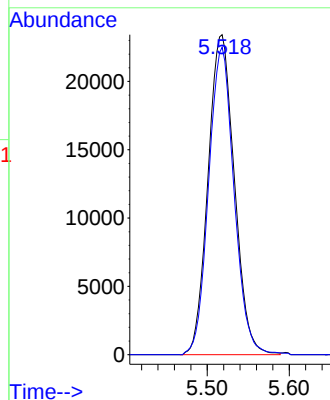
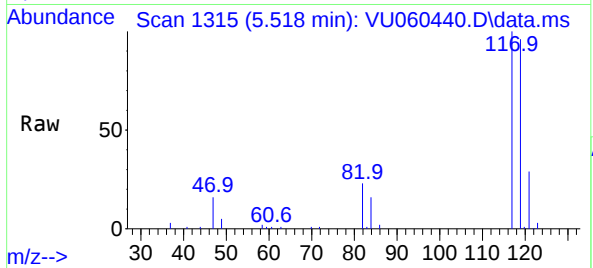




#31
Carbon tetrachloride
Concen: 5.661 ug/L
RT: 5.518 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU060440.D
Acq: 14 Aug 2024 09:01

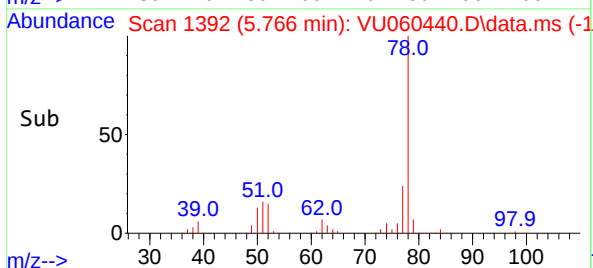
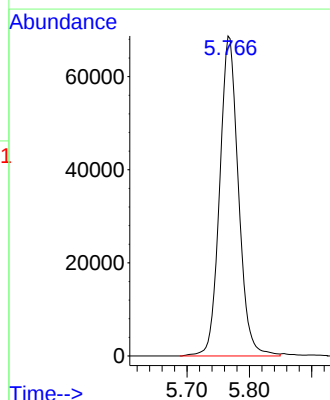
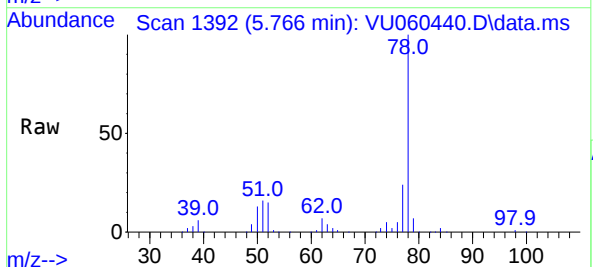
Instrument :
MSVOA_U
ClientSampleId :

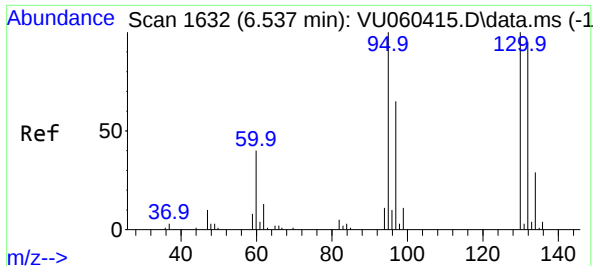
Tgt Ion:117 Resp: 52219
Ion Ratio Lower Upper
117 100
119 92.9 75.8 113.8



#33
Benzene
Concen: 5.183 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.003 min
Lab File: VU060440.D
Acq: 14 Aug 2024 09:01

Tgt Ion: 78 Resp: 143473

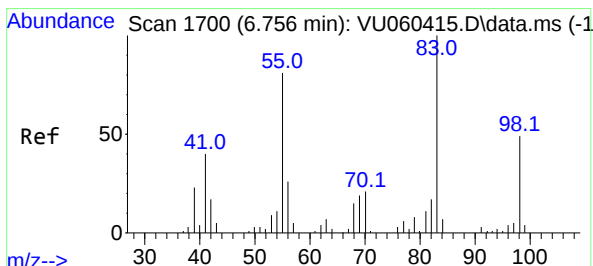
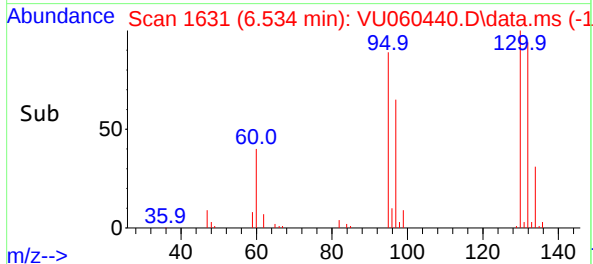
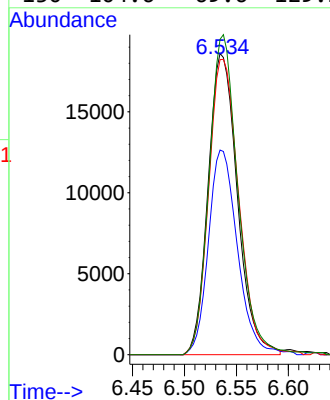
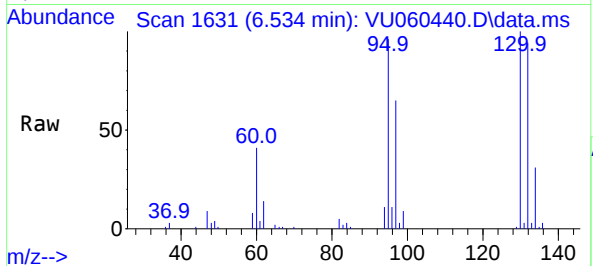




#34
Trichloroethene
Concen: 5.024 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU060440.D
Acq: 14 Aug 2024 09:01

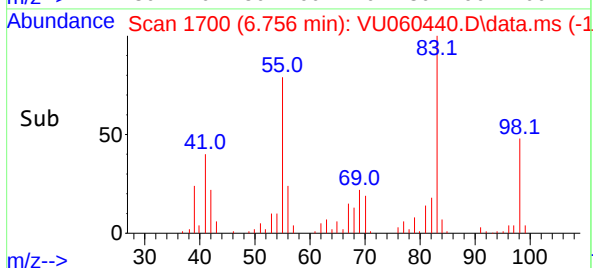
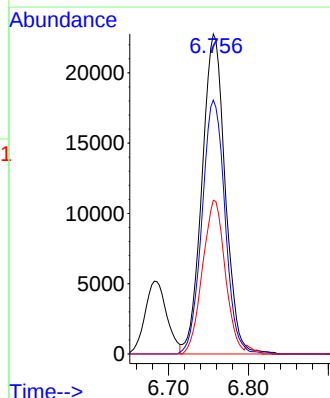
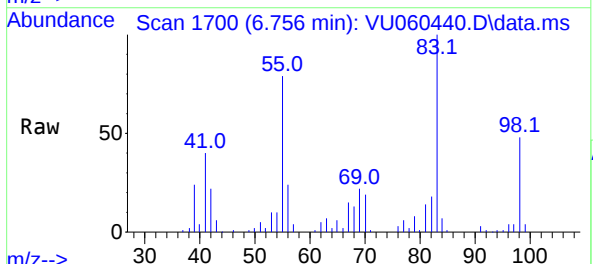
Instrument :
MSVOA_U
ClientSampleId :

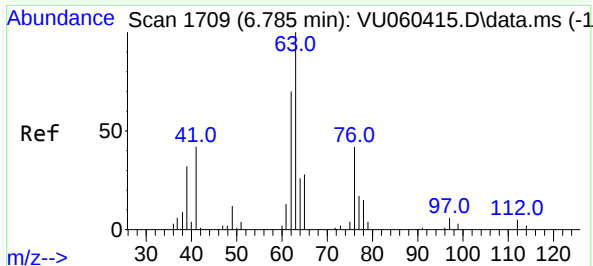
Tgt Ion: 95 Resp: 36409
Ion Ratio Lower Upper
95 100
97 67.9 43.6 81.0
132 97.9 67.1 124.5
130 104.6 69.6 129.2



#35
Methylcyclohexane
Concen: 4.864 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU060440.D
Acq: 14 Aug 2024 09:01

Tgt Ion: 83 Resp: 46026
Ion Ratio Lower Upper
83 100
55 78.5 62.4 93.6
98 46.7 37.3 55.9

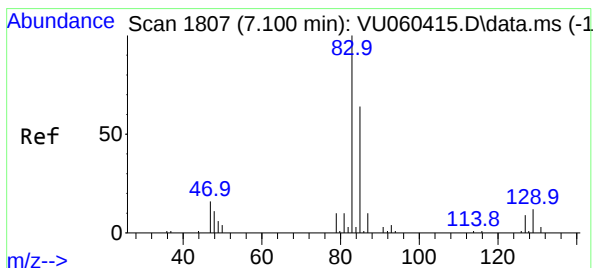
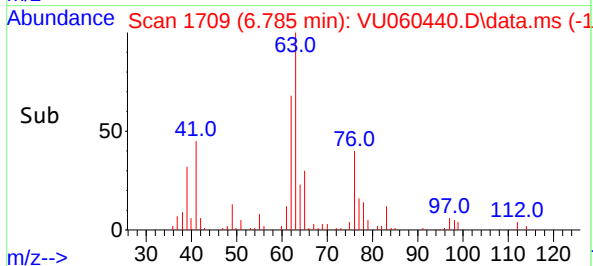
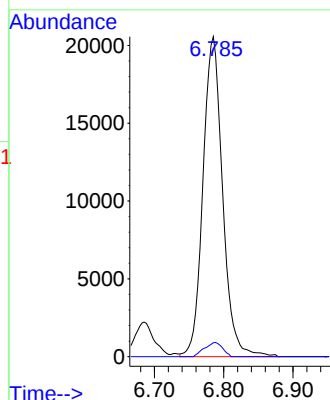
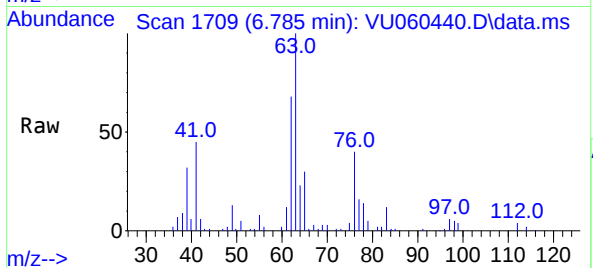




#37
1,2-Dichloropropane
Concen: 5.368 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. 0.000 min
Lab File: VU060440.D
Acq: 14 Aug 2024 09:01

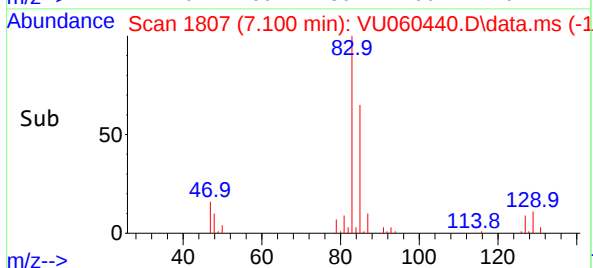
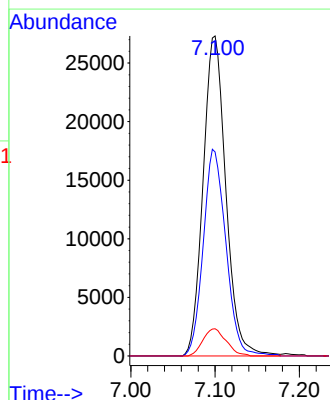
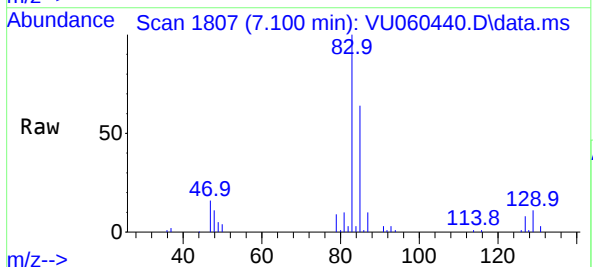
Instrument :
MSVOA_U
ClientSampleId :

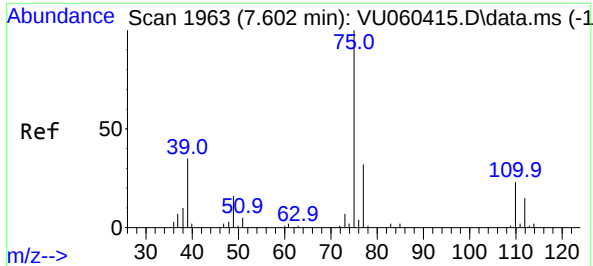
Tgt Ion: 63 Resp: 40446
Ion Ratio Lower Upper
63 100
112 4.1 3.3 4.9



#38
Bromodichloromethane
Concen: 5.520 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU060440.D
Acq: 14 Aug 2024 09:01

Tgt Ion: 83 Resp: 51403
Ion Ratio Lower Upper
83 100
85 63.8 42.4 78.8
127 8.5 7.0 10.4

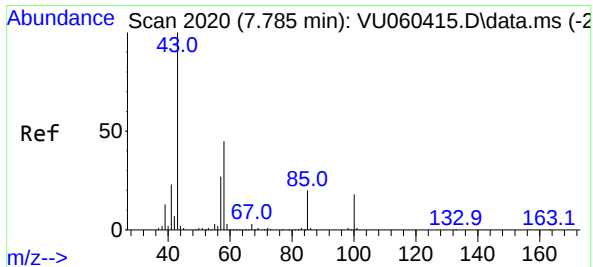
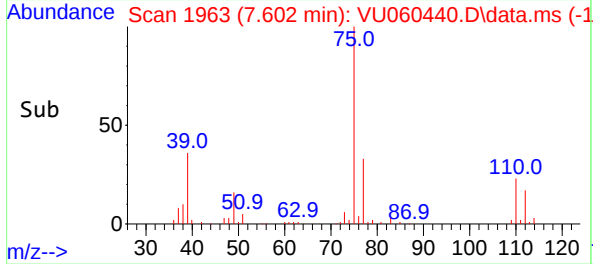
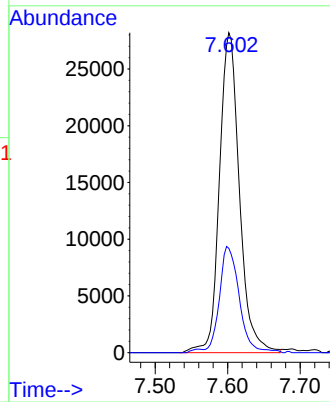
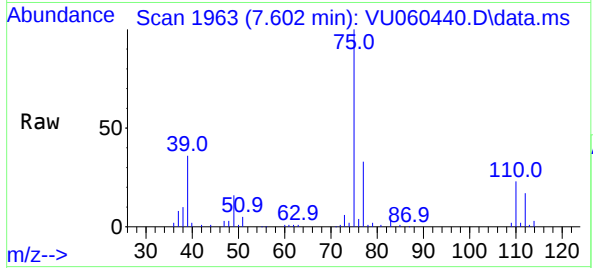




#39
cis-1,3-Dichloropropene
Concen: 5.273 ug/L
RT: 7.602 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VU060440.D
Acq: 14 Aug 2024 09:01

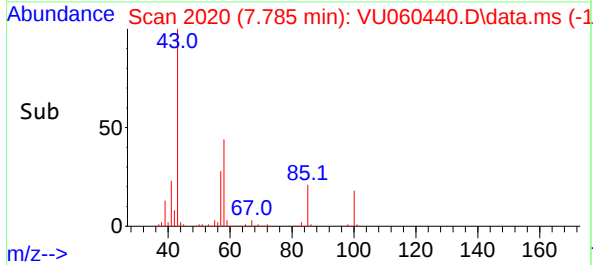
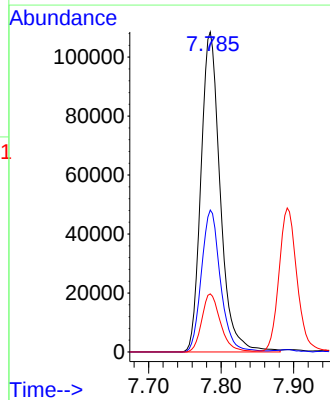
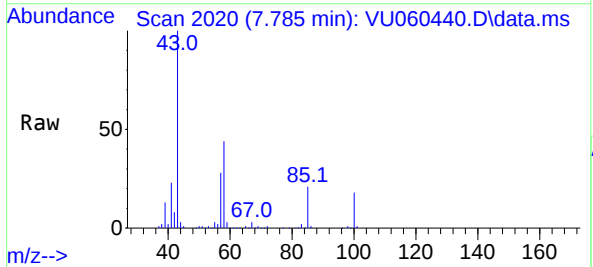
Instrument :
MSVOA_U
ClientSampleId :

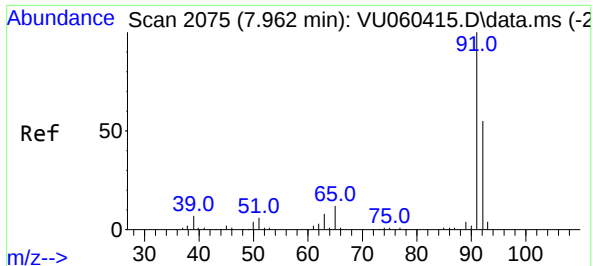
Tgt Ion:	75	Resp:	53958
Ion Ratio	Lower	Upper	
75	100		
77	32.6	22.5	41.9



#40
4-Methyl-2-pentanone
Concen: 56.908 ug/L
RT: 7.785 min Scan# 2020
Delta R.T. 0.000 min
Lab File: VU060440.D
Acq: 14 Aug 2024 09:01

Tgt Ion:	43	Resp:	200137
Ion Ratio	Lower	Upper	
43	100		
58	44.1	36.6	55.0
100	17.7	14.1	21.1





#42

Toluene

Concen: 5.319 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU060440.D

Acq: 14 Aug 2024 09:01

Instrument :

MSVOA_U

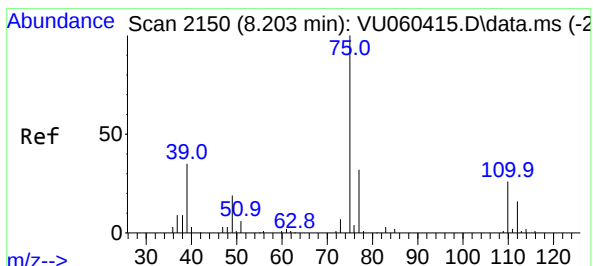
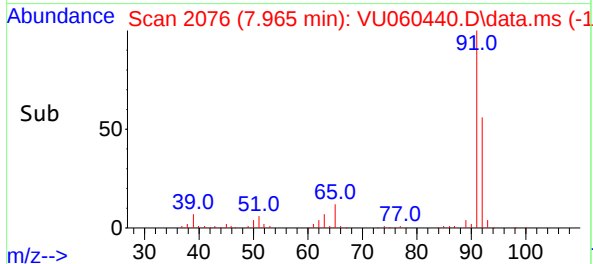
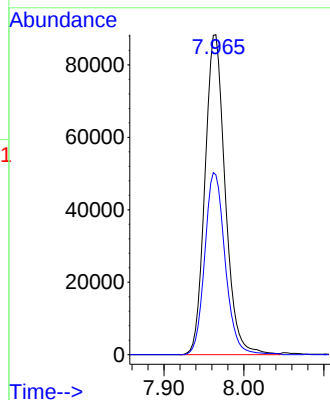
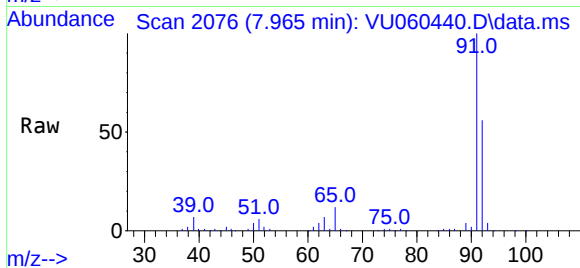
ClientSampleId :

Tgt Ion: 91 Resp: 155590

Ion Ratio Lower Upper

91 100

92 56.2 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 5.420 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU060440.D

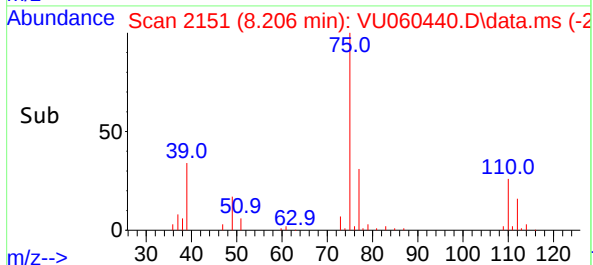
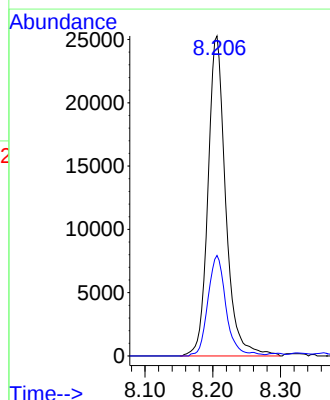
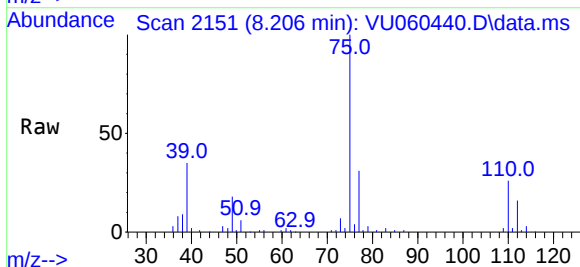
Acq: 14 Aug 2024 09:01

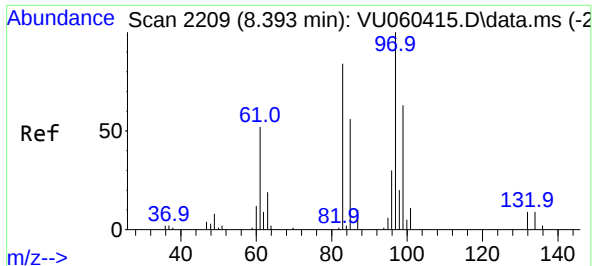
Tgt Ion: 75 Resp: 45823

Ion Ratio Lower Upper

75 100

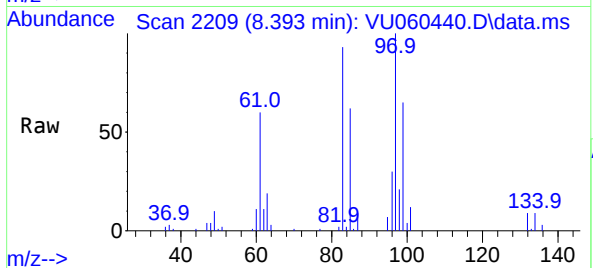
77 31.4 25.0 46.4





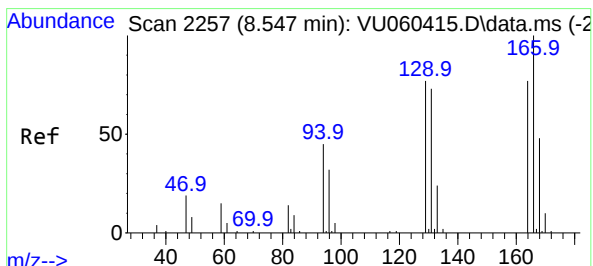
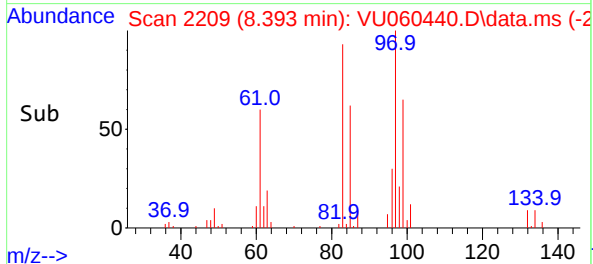
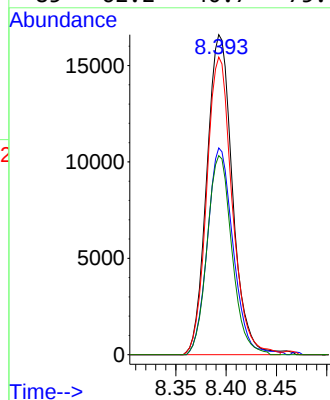
#45
1,1,2-Trichloroethane
Concen: 5.114 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU060440.D
Acq: 14 Aug 2024 09:01

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 97 Resp: 29509

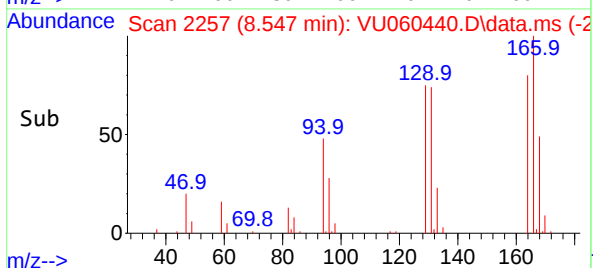
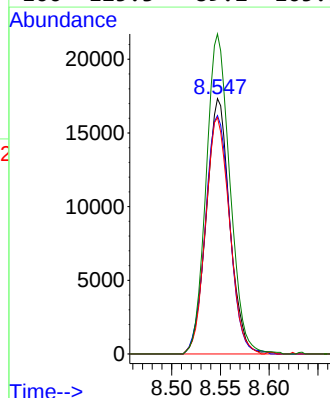
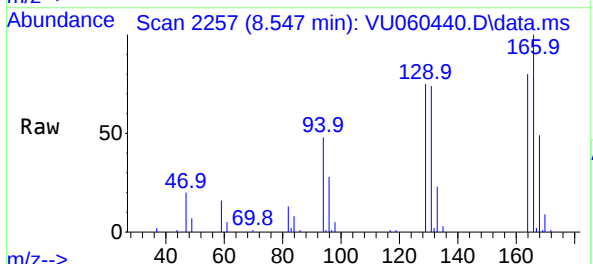
Ion	Ratio	Lower	Upper
97	100		
99	64.6	45.8	85.0
83	93.0	61.7	114.5
85	62.2	40.7	75.7

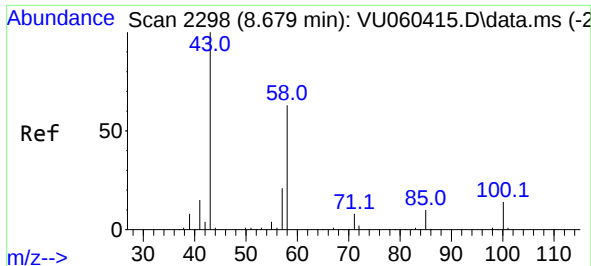


#47
Tetrachloroethene
Concen: 5.111 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU060440.D
Acq: 14 Aug 2024 09:01

Tgt Ion: 164 Resp: 28969

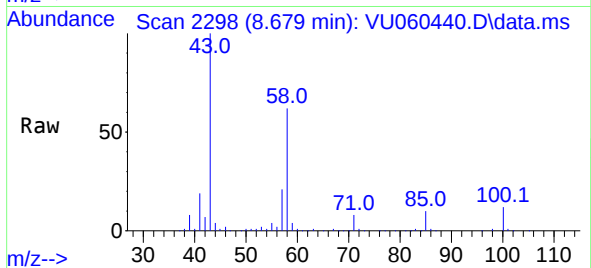
Ion	Ratio	Lower	Upper
164	100		
129	93.4	69.0	128.1
131	92.6	62.6	116.3
166	125.3	89.2	165.8



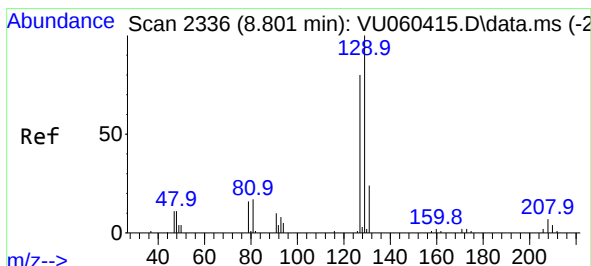
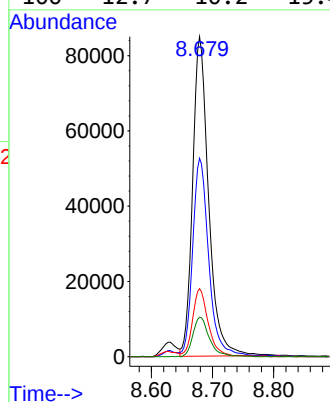
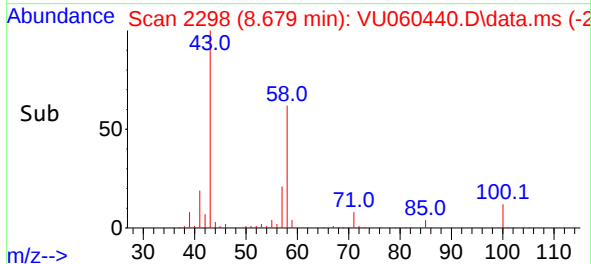


#48
2-Hexanone
Concen: 58.042 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VU060440.D
Acq: 14 Aug 2024 09:01

Instrument :
MSVOA_U
ClientSampleId :

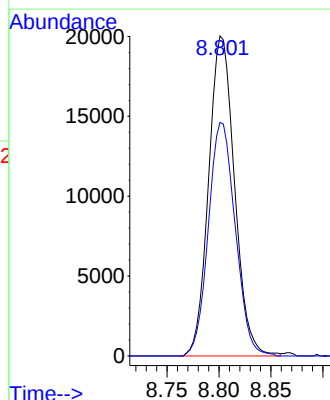
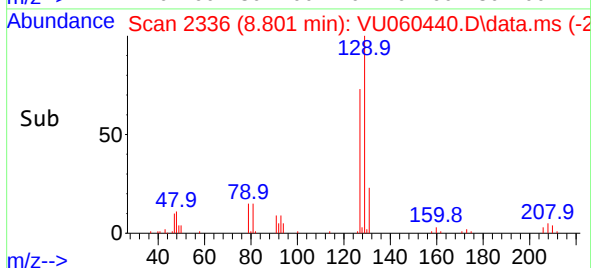
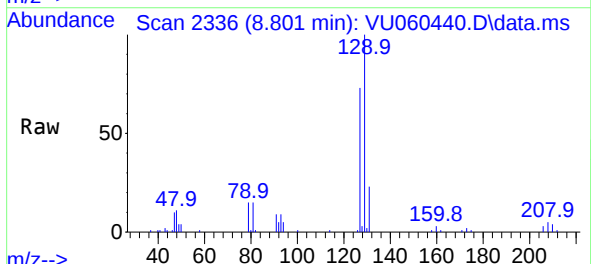


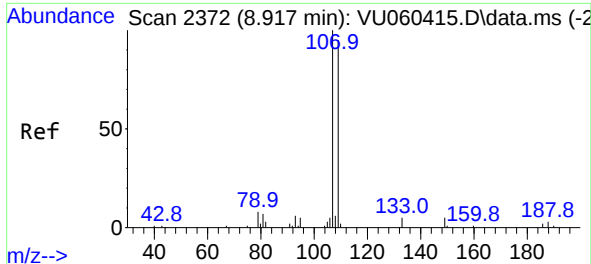
Tgt Ion: 43 Resp: 154744
Ion Ratio Lower Upper
43 100
58 61.5 50.9 76.3
57 20.2 17.4 26.0
100 12.7 10.2 15.4



#49
Dibromochloromethane
Concen: 5.663 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU060440.D
Acq: 14 Aug 2024 09:01

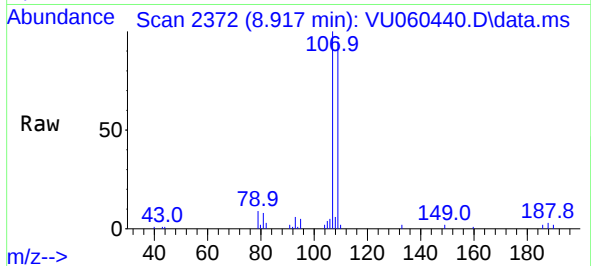
Tgt Ion: 129 Resp: 34744
Ion Ratio Lower Upper
129 100
127 73.0 51.9 96.3



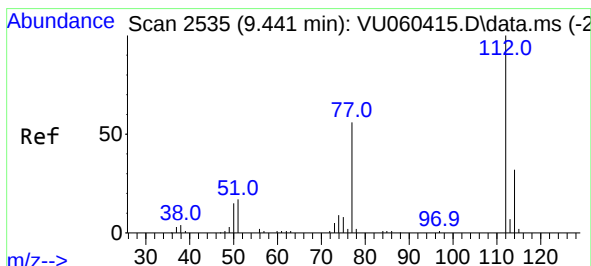
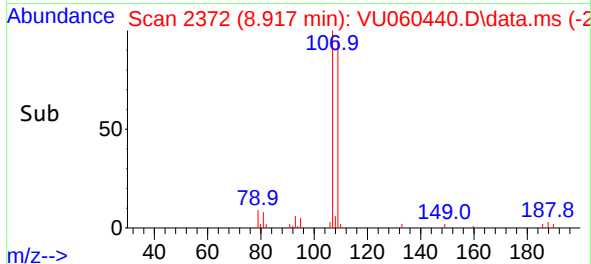
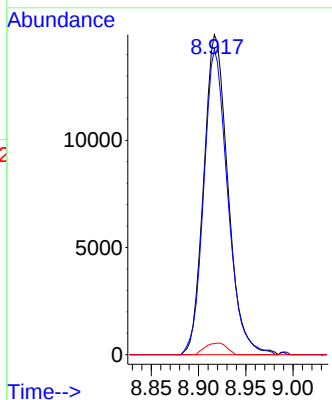


#50
1,2-Dibromoethane
Concen: 5.184 ug/L
RT: 8.917 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU060440.D
Acq: 14 Aug 2024 09:01

Instrument :
MSVOA_U
ClientSampleId :

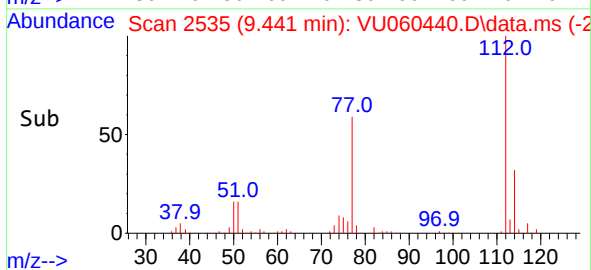
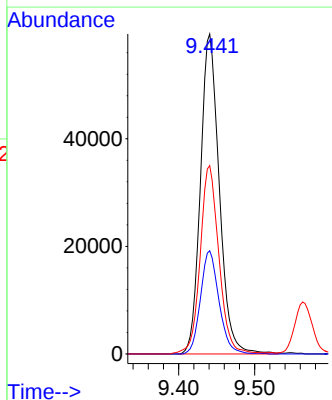
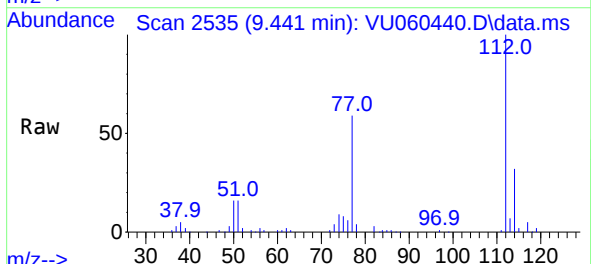


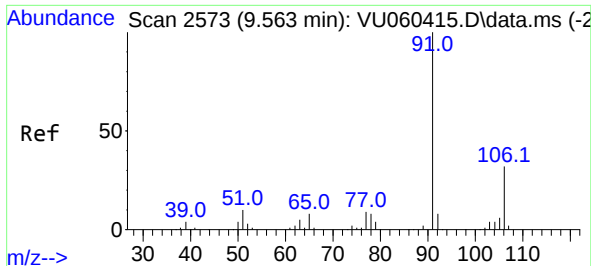
Tgt Ion:107 Resp: 26626
Ion Ratio Lower Upper
107 100
109 95.3 64.8 120.3
188 3.4 2.6 3.8



#51
Chlorobenzene
Concen: 5.182 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU060440.D
Acq: 14 Aug 2024 09:01

Tgt Ion:112 Resp: 102273
Ion Ratio Lower Upper
112 100
114 32.3 21.3 39.5
77 58.8 44.6 67.0





#52

Ethylbenzene

Concen: 5.159 ug/L

RT: 9.563 min Scan# 2

Delta R.T. 0.000 min

Lab File: VU060440.D

Acq: 14 Aug 2024 09:01

Instrument :

MSVOA_U

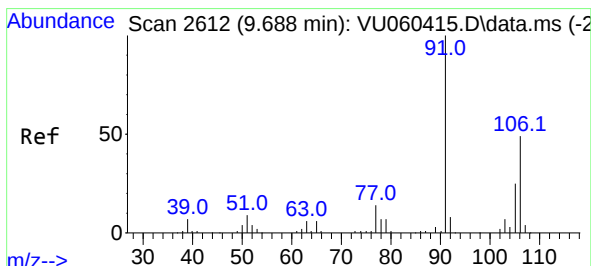
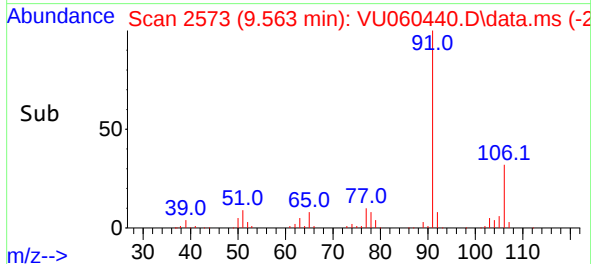
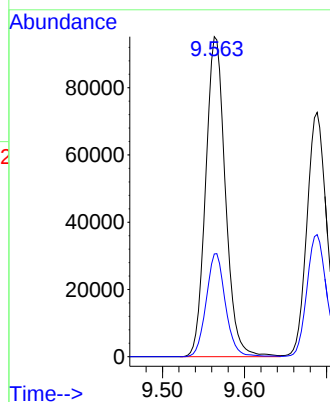
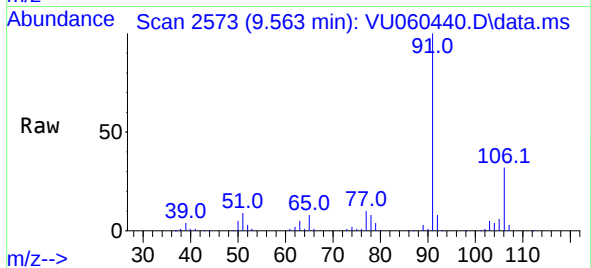
ClientSampleId :

Tgt Ion: 91 Resp: 158974

Ion Ratio Lower Upper

91 100

106 32.1 21.6 40.2



#53

m,p-Xylene

Concen: 5.241 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. 0.000 min

Lab File: VU060440.D

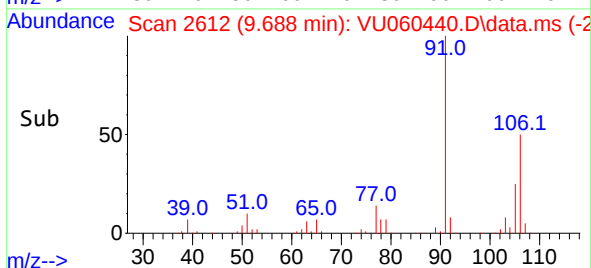
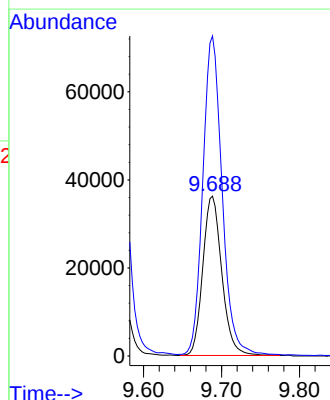
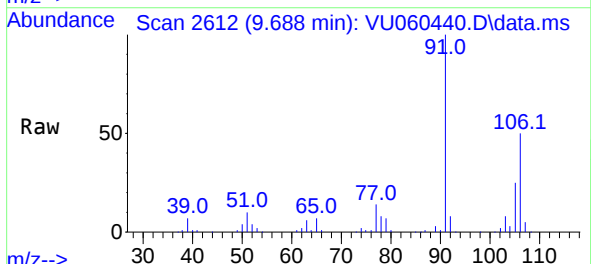
Acq: 14 Aug 2024 09:01

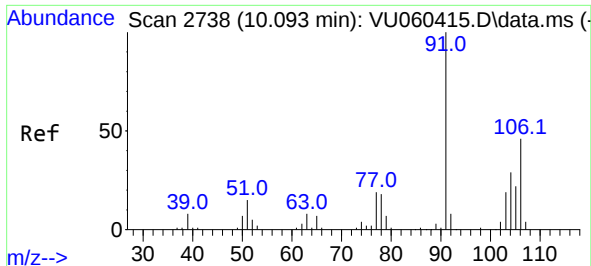
Tgt Ion:106 Resp: 61391

Ion Ratio Lower Upper

106 100

91 200.3 143.2 266.0

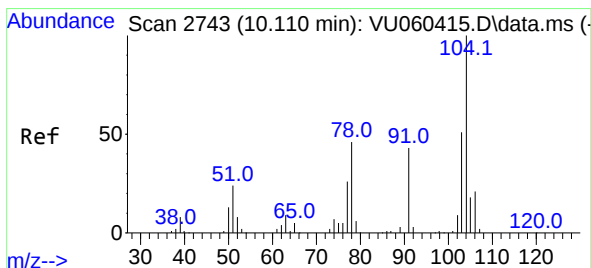
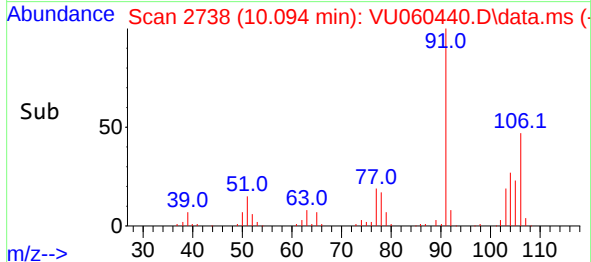
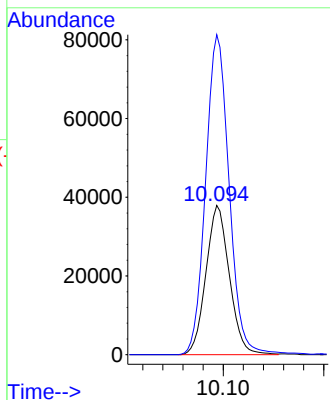
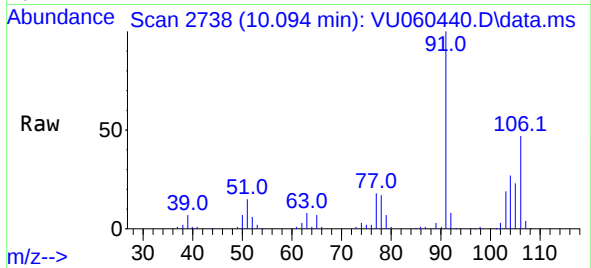




#54
o-Xylene
Concen: 5.487 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU060440.D
Acq: 14 Aug 2024 09:01

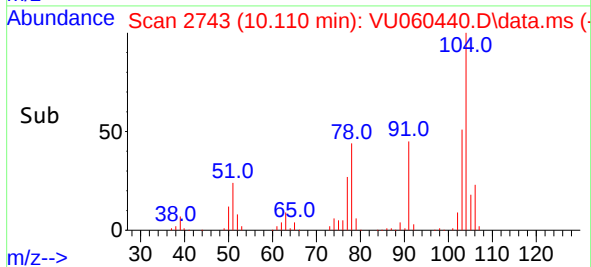
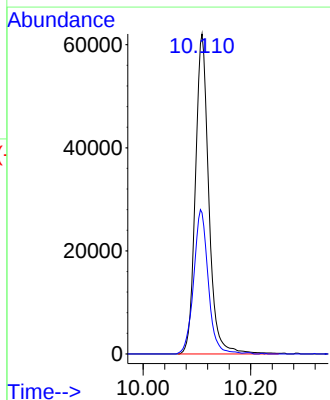
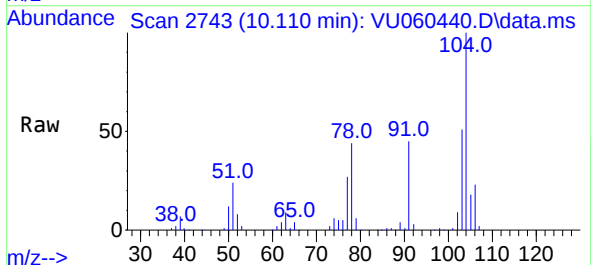
Instrument :
MSVOA_U
ClientSampleId :

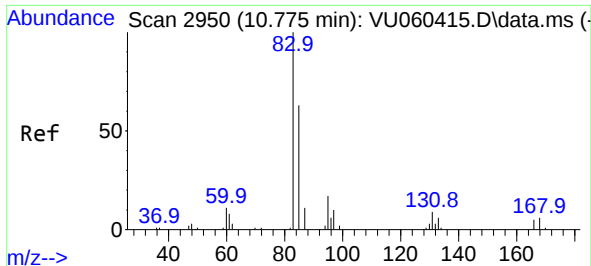
Tgt Ion:106 Resp: 61494
Ion Ratio Lower Upper
106 100
91 214.5 150.2 279.0



#55
Styrene
Concen: 5.548 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU060440.D
Acq: 14 Aug 2024 09:01

Tgt Ion:104 Resp: 107591
Ion Ratio Lower Upper
104 100
78 44.1 32.1 59.7

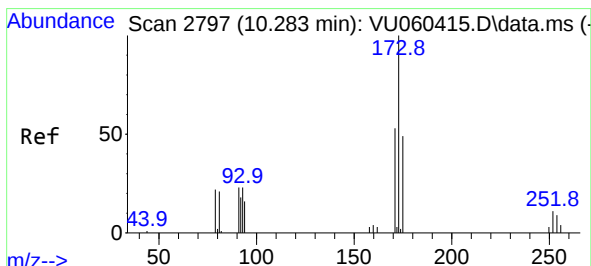
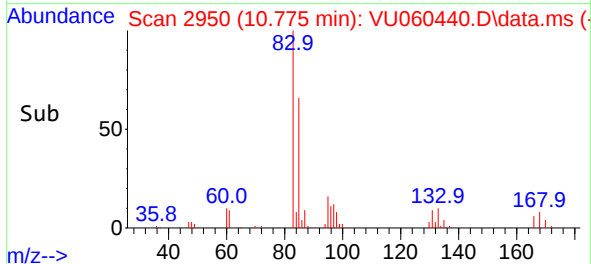
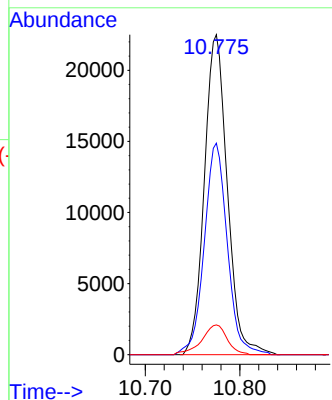
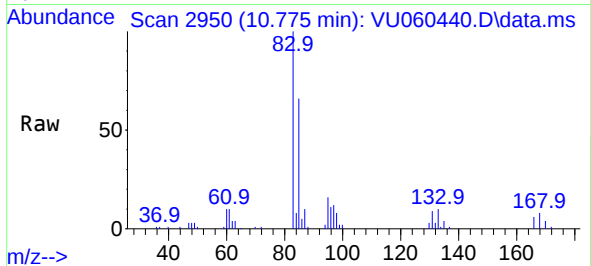




#57
1,1,2,2-Tetrachloroethane
Concen: 5.293 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU060440.D
Acq: 14 Aug 2024 09:01

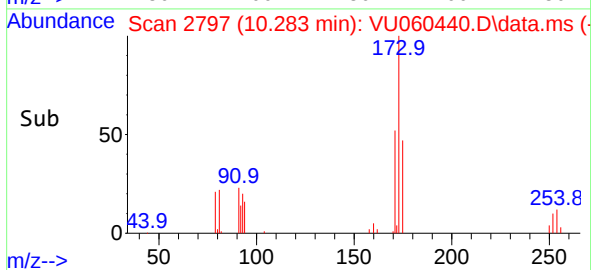
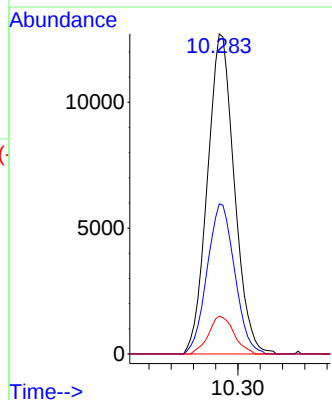
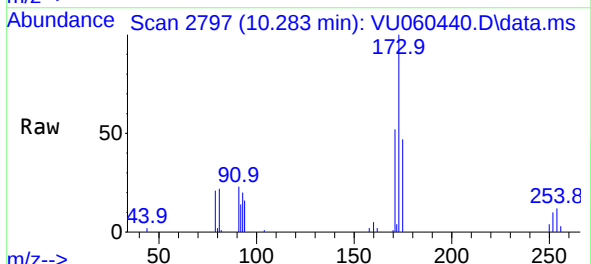
Instrument :
MSVOA_U
ClientSampleId :

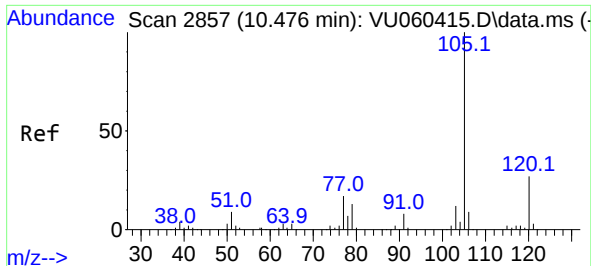
Tgt Ion: 83 Resp: 37974
Ion Ratio Lower Upper
83 100
85 66.1 46.1 85.5
131 9.3 7.6 11.4



#59
Bromoform
Concen: 5.533 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VU060440.D
Acq: 14 Aug 2024 09:01

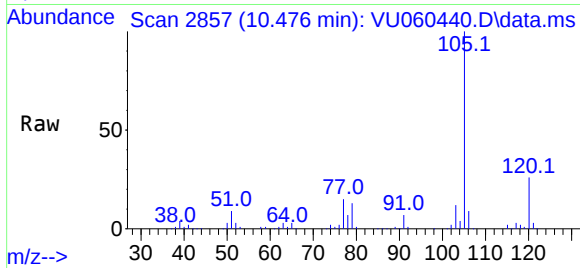
Tgt Ion:173 Resp: 21306
Ion Ratio Lower Upper
173 100
175 48.0 39.7 59.5
254 11.1 8.2 12.4



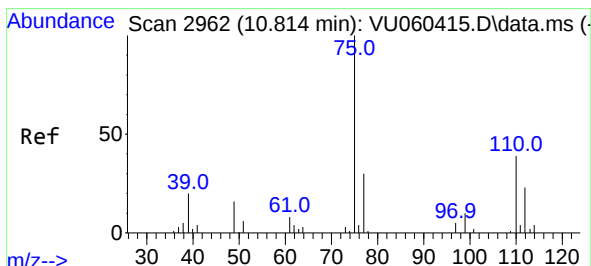
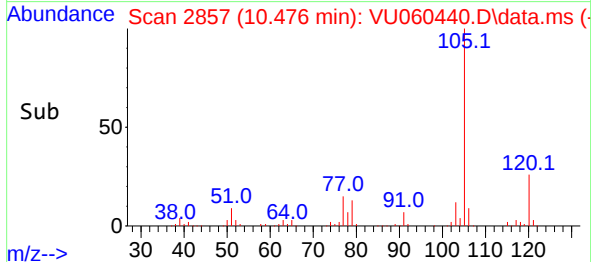
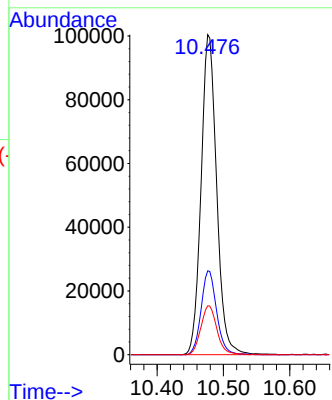


#60
Isopropylbenzene
Concen: 5.356 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. 0.000 min
Lab File: VU060440.D
Acq: 14 Aug 2024 09:01

Instrument :
MSVOA_U
ClientSampleId :

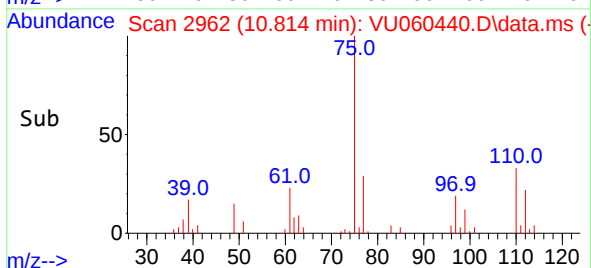
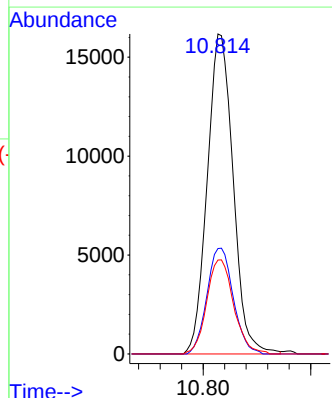
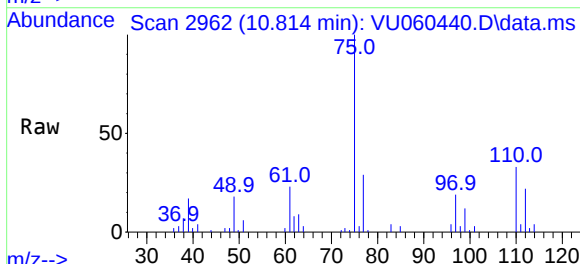


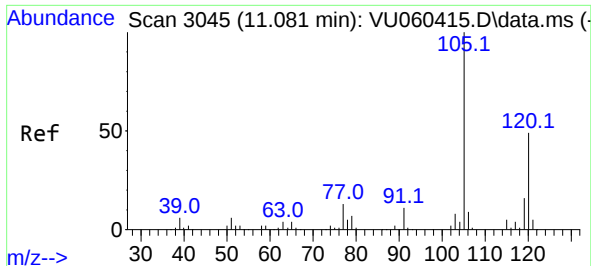
Tgt Ion:105 Resp: 163978
Ion Ratio Lower Upper
105 100
120 26.1 21.0 31.6
77 15.8 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.494 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. 0.000 min
Lab File: VU060440.D
Acq: 14 Aug 2024 09:01

Tgt Ion: 75 Resp: 26971
Ion Ratio Lower Upper
75 100
110 33.6 29.9 44.9
77 30.8 27.0 40.6

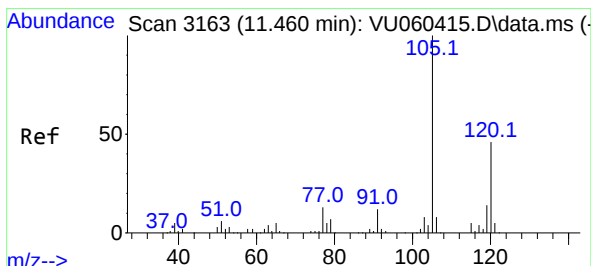
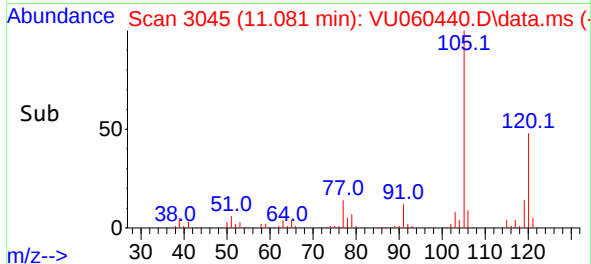
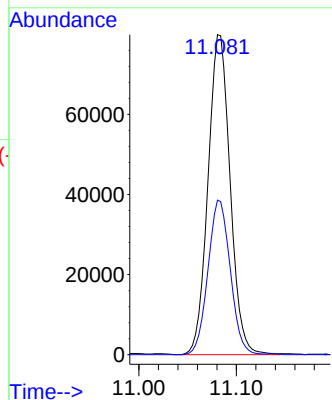
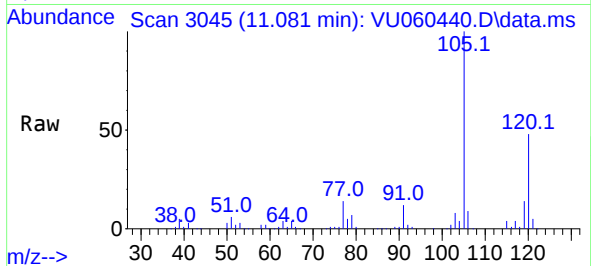




#62
1,3,5-Trimethylbenzene
Concen: 5.351 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU060440.D
Acq: 14 Aug 2024 09:01

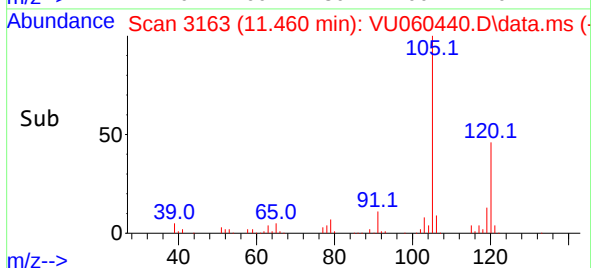
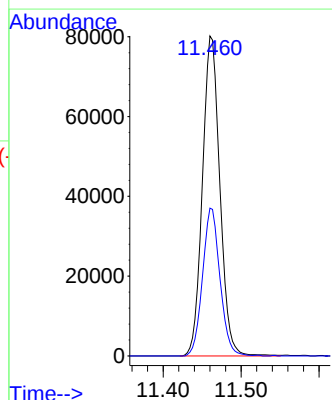
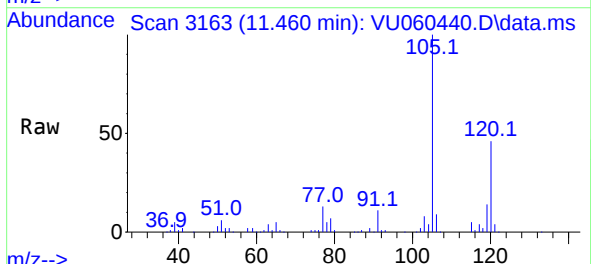
Instrument :
MSVOA_U
ClientSampleId :

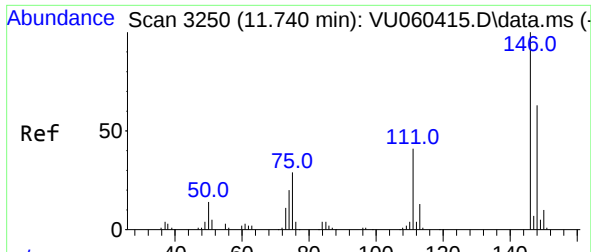
Tgt Ion:105 Resp: 126122
Ion Ratio Lower Upper
105 100
120 48.5 39.3 58.9



#63
1,2,4-Trimethylbenzene
Concen: 5.365 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VU060440.D
Acq: 14 Aug 2024 09:01

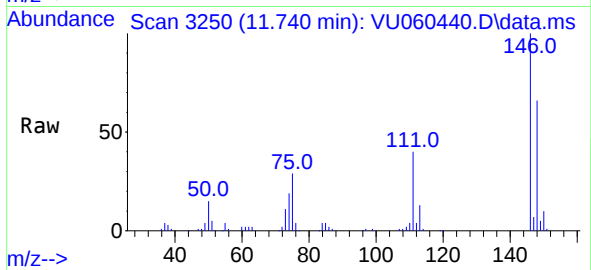
Tgt Ion:105 Resp: 124628
Ion Ratio Lower Upper
105 100
120 46.1 36.1 54.1



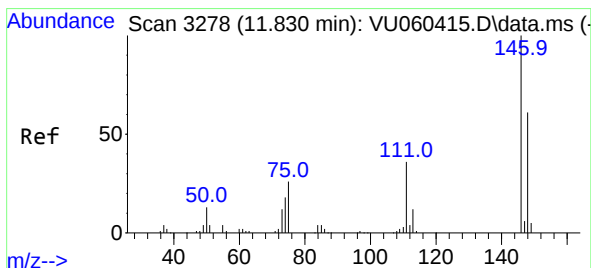
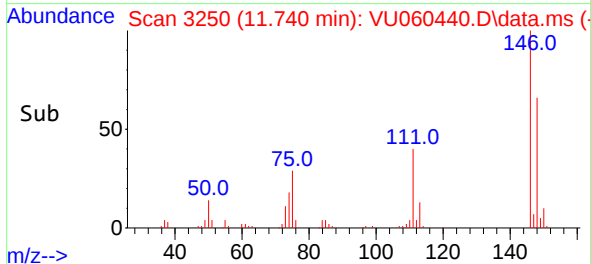
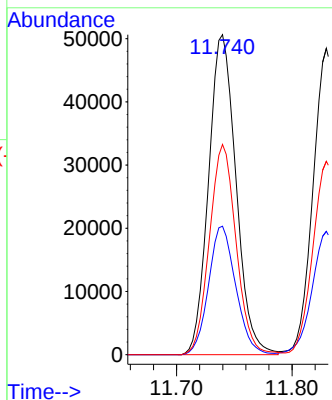


#64
1,3-Dichlorobenzene
Concen: 5.355 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU060440.D
Acq: 14 Aug 2024 09:01

Instrument :
MSVOA_U
ClientSampleId :

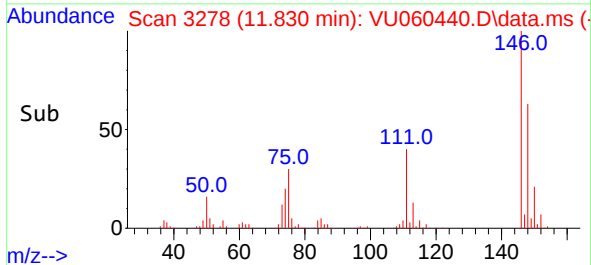
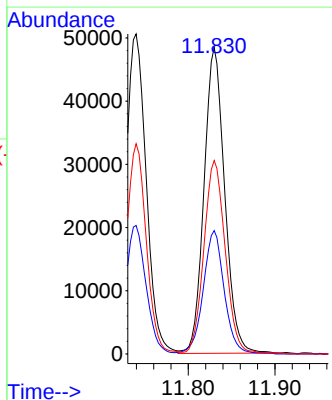
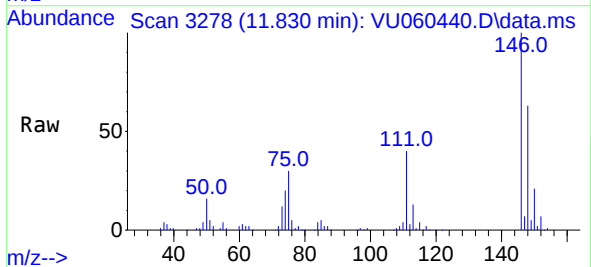


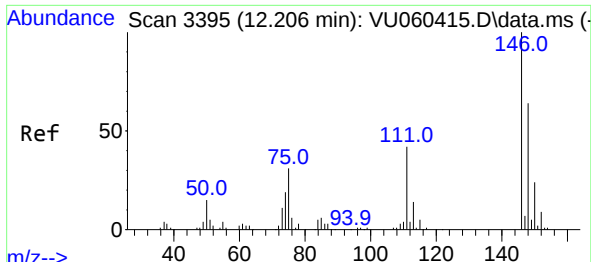
Tgt Ion:146 Resp: 83568
Ion Ratio Lower Upper
146 100
111 40.2 29.2 54.2
148 65.7 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 5.110 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU060440.D
Acq: 14 Aug 2024 09:01

Tgt Ion:146 Resp: 80382
Ion Ratio Lower Upper
146 100
111 40.3 25.8 48.0
148 63.1 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 5.374 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

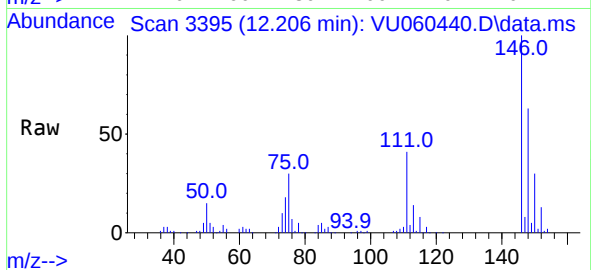
Lab File: VU060440.D

Acq: 14 Aug 2024 09:01

Instrument :

MSVOA_U

ClientSampleId :



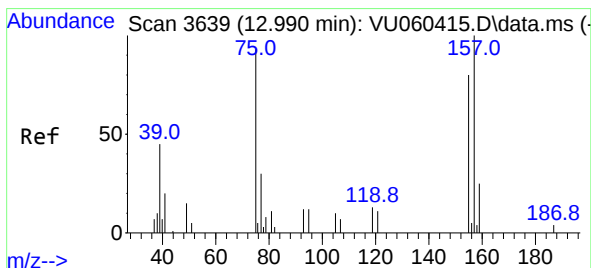
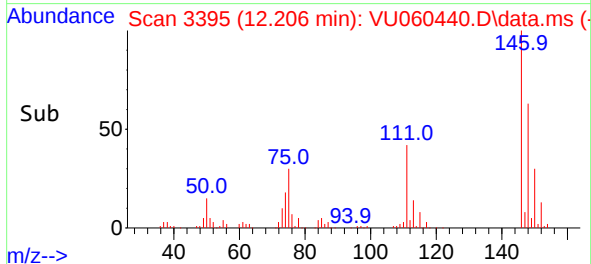
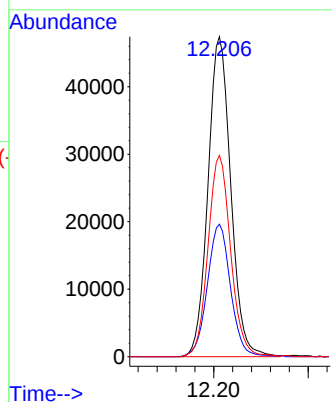
Tgt Ion:146 Resp: 79179

Ion Ratio Lower Upper

146 100

111 41.4 32.0 48.0

148 62.9 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.885 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU060440.D

Acq: 14 Aug 2024 09:01

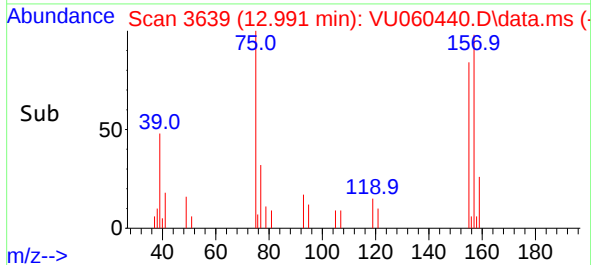
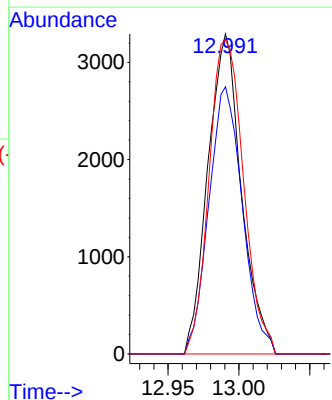
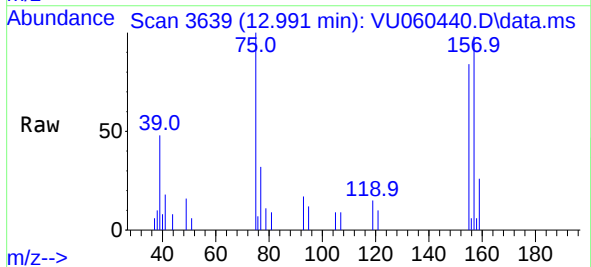
Tgt Ion: 75 Resp: 5416

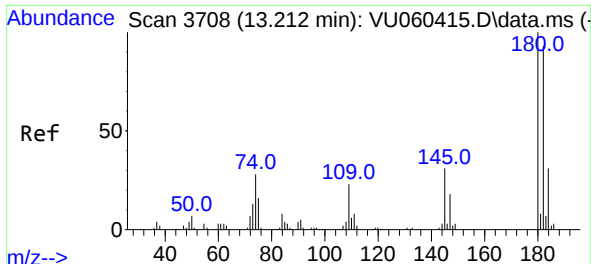
Ion Ratio Lower Upper

75 100

155 83.5 64.3 96.5

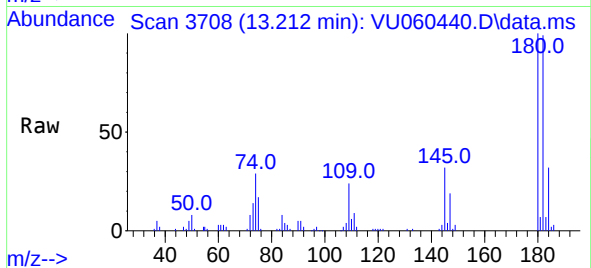
157 98.2 88.0 132.0



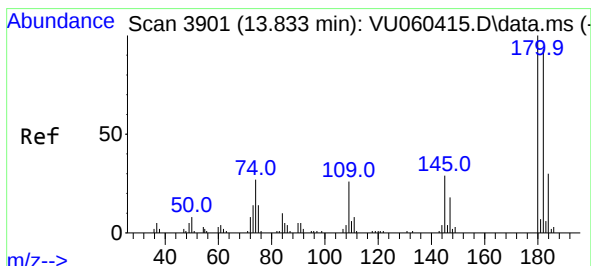
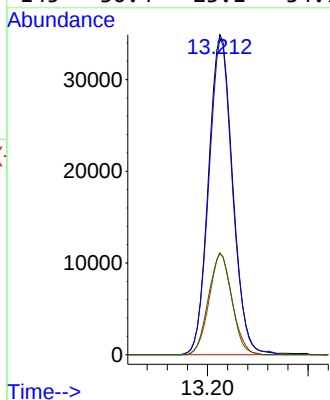
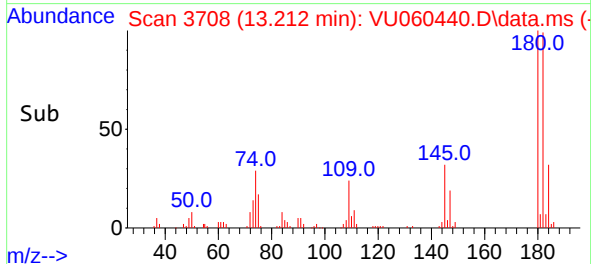


#69
1,3,5-Trichlorobenzene
Concen: 4.933 ug/L
RT: 13.212 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU060440.D
Acq: 14 Aug 2024 09:01

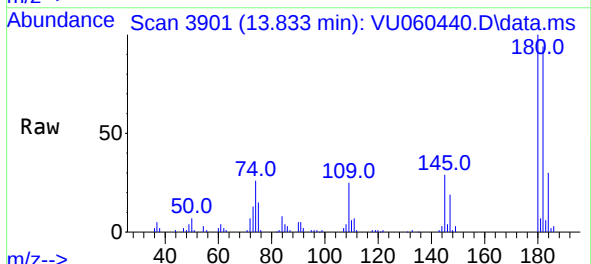
Instrument :
MSVOA_U
ClientSampleId :



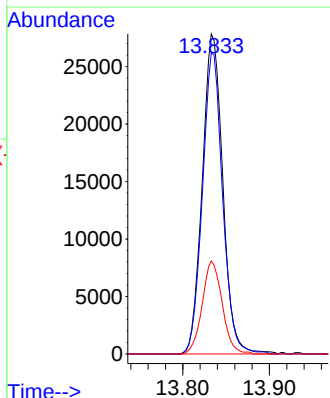
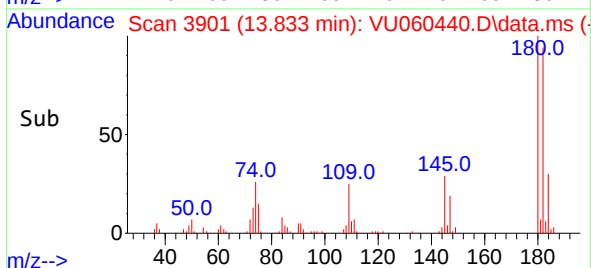
Tgt Ion:180 Resp: 58174
Ion Ratio Lower Upper
180 100
182 97.0 76.0 114.0
184 30.1 23.8 35.8
145 30.4 23.1 34.7

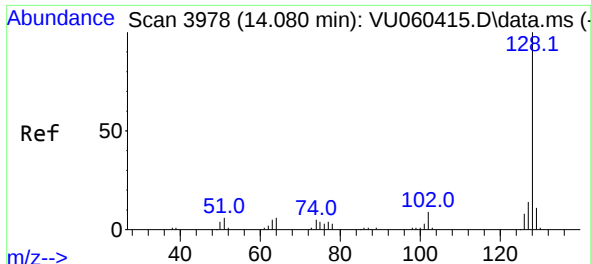


#70
1,2,4-trichlorobenzene
Concen: 4.943 ug/L
RT: 13.833 min Scan# 3901
Delta R.T. 0.000 min
Lab File: VU060440.D
Acq: 14 Aug 2024 09:01



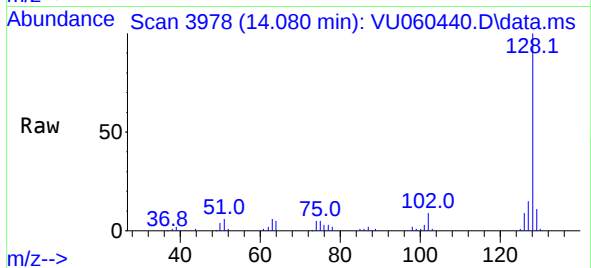
Tgt Ion:180 Resp: 45761
Ion Ratio Lower Upper
180 100
182 92.8 76.0 114.0
145 28.3 23.7 35.5





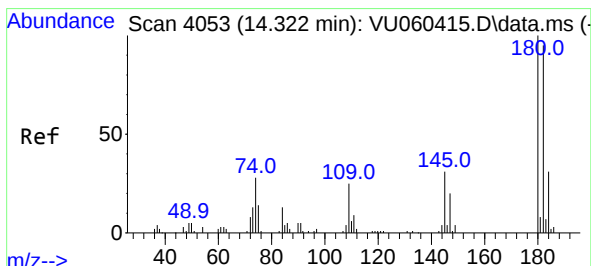
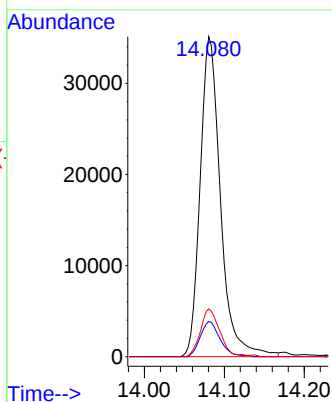
#71
Naphthalene
Concen: 4.725 ug/L
RT: 14.080 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU060440.D
Acq: 14 Aug 2024 09:01

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 62207

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	12.8
127	14.2	10.6	16.0



#72
1,2,3-Trichlorobenzene
Concen: 4.751 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU060440.D
Acq: 14 Aug 2024 09:01

Tgt Ion:180 Resp: 39410

Ion	Ratio	Lower	Upper
180	100		
182	94.1	75.7	113.5
145	33.5	23.7	35.5

