

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100224\
 Data File : VU061076.D
 Acq On : 02 Oct 2024 15:10
 Operator : MD/SY
 Sample : P4227-16MS 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PMW-7D(20240927)MS

Quant Time: Oct 03 06:30:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 03 06:26:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	188438	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	175286	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	86645	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	58326	4.329	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.600%
7) Chloroethane-d5	1.907	69	44540	4.417	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.400%
11) 1,1-Dichloroethene-d2	2.554	65	26174	4.404	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.000%
20) 2-Butanone-d5	4.631	46	167369	51.863	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.720%
24) Chloroform-d	5.052	84	116397	4.902	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	5.692	65	60956	4.843	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.718	84	223159	4.828	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	6.679	67	74027	4.877	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.888	98	203796	4.718	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
43) trans-1,3-Dichloroprop...	8.174	79	30473	4.695	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.000%
46) 2-Hexanone-d5	8.637	63	147261	54.821	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.640%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	58445	5.251	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	70290	5.074	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.383	85	44160	4.808	ug/L	97
3) Chloromethane	1.515	50	65096	4.908	ug/L	96
5) Vinyl chloride	1.599	62	69378	5.210	ug/L	97
6) Bromomethane	1.853	94	33903	4.773	ug/L	94
8) Chloroethane	1.930	64	39376	4.875	ug/L	98
9) Trichlorofluoromethane	2.123	101	76715	4.484	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	56004	4.956	ug/L	95
12) 1,1-Dichloroethene	2.567	96	56307	5.175	ug/L	96
13) Acetone	2.650	43	102784	49.524	ug/L	98
14) Carbon disulfide	2.782	76	183794	4.970	ug/L	99
15) Methyl Acetate	2.956	43	25570	5.060	ug/L	98
16) Methylene chloride	3.036	84	65761	5.264	ug/L	91
17) Methyl tert-butyl Ether	3.354	73	160208	5.145	ug/L #	95
18) trans-1,2-Dichloroethene	3.341	96	65595	5.499	ug/L	91
19) 1,1-Dichloroethane	3.856	63	135029	5.817	ug/L	99
21) 2-Butanone	4.711	43	175871	51.474	ug/L	95
22) cis-1,2-Dichloroethene	4.653	96	115854	8.721	ug/L	94
23) Bromochloromethane	4.965	128	27373	5.119	ug/L #	86
25) Chloroform	5.078	83	120488	5.182	ug/L	96

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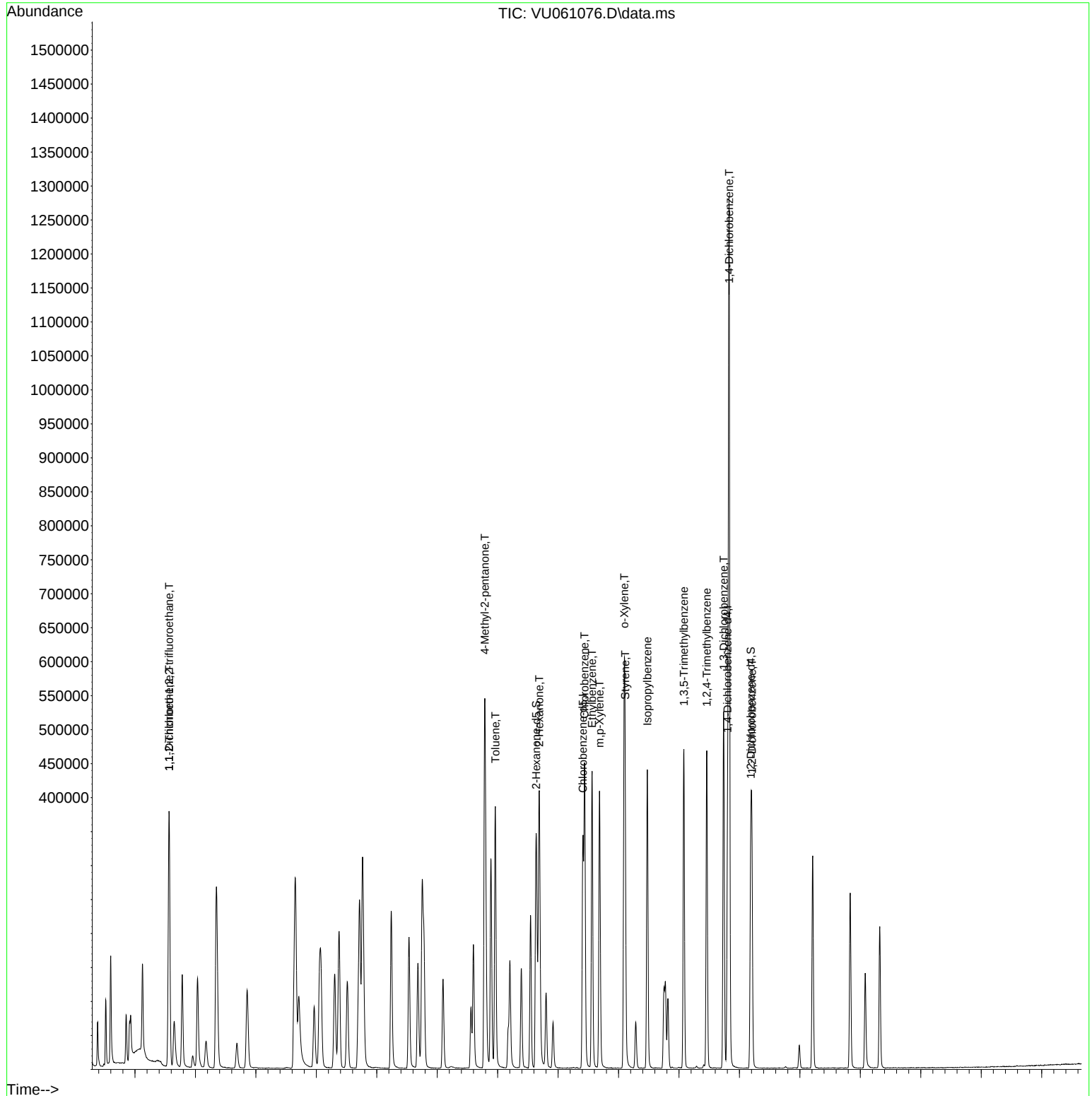
Quant Time: Oct 03 06:30:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
 Quant Title : TRACE VOA SFAM1.0
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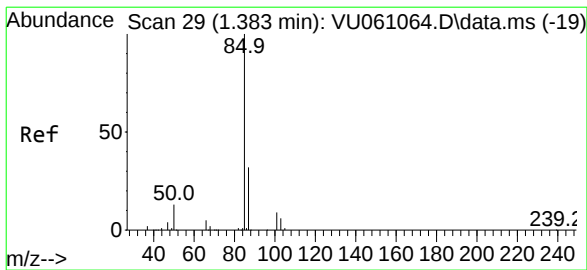
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	78713	5.139	ug/L #	94
29) 1,1,1-Trichloroethane	5.303	97	100959	4.977	ug/L	97
30) Cyclohexane	5.377	56	108525	4.803	ug/L	94
31) Carbon tetrachloride	5.512	117	85327	4.957	ug/L	99
33) Benzene	5.763	78	270588	5.237	ug/L	100
34) Trichloroethene	6.534	95	68499	4.890	ug/L	96
35) Methylcyclohexane	6.753	83	109059	4.821	ug/L	97
37) 1,2-Dichloropropane	6.782	63	70040	5.144	ug/L #	97
38) Bromodichloromethane	7.097	83	86348	5.072	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	107595	5.039	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	463350	53.123	ug/L	95
42) Toluene	7.962	91	279276	5.073	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	89932	5.094	ug/L	98
45) 1,1,2-Trichloroethane	8.389	97	46534	5.156	ug/L	98
47) Tetrachloroethene	8.544	164	46142	5.061	ug/L	95
48) 2-Hexanone	8.688	43	326039	53.917	ug/L	97
49) Dibromochloromethane	8.801	129	54324	5.174	ug/L	95
50) 1,2-Dibromoethane	8.917	107	44075	5.159	ug/L #	97
51) Chlorobenzene	9.438	112	223192	6.656	ug/L	93
52) Ethylbenzene	9.563	91	313611	5.027	ug/L	98
53) m,p-Xylene	9.685	106	115190	5.062	ug/L	90
54) o-Xylene	10.094	106	115806	5.172	ug/L	94
55) Styrene	10.110	104	187899	5.200	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.775	83	61358	5.411	ug/L	95
59) Bromoform	10.287	173	30308	5.096	ug/L #	99
60) Isopropylbenzene	10.476	105	281188	4.852	ug/L	97
61) 1,2,3-Trichloropropane	10.817	75	43805	5.146	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	249530	4.886	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	254559	4.938	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	199082	8.015	ug/L	95
65) 1,4-Dichlorobenzene	11.830	146	464700	18.926	ug/L	96
67) 1,2-Dichlorobenzene	12.206	146	122477	5.335	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	9545	5.142	ug/L	81
69) 1,3,5-Trichlorobenzene	13.212	180	89853	5.138	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	74768	5.579	ug/L	96
71) Naphthalene	14.081	128	114646	5.236	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	58927	5.283	ug/L	97

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

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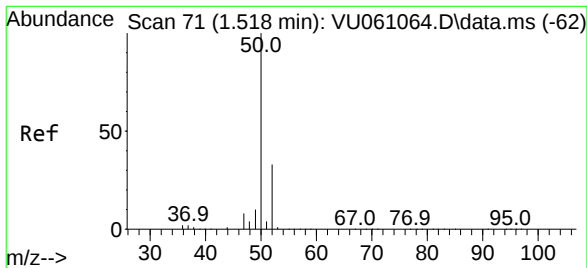
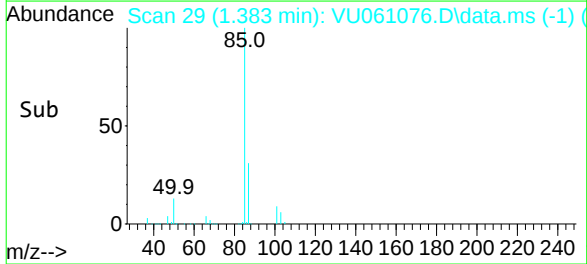
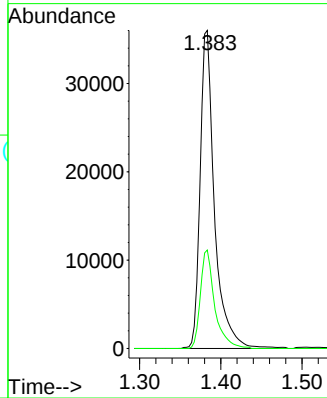
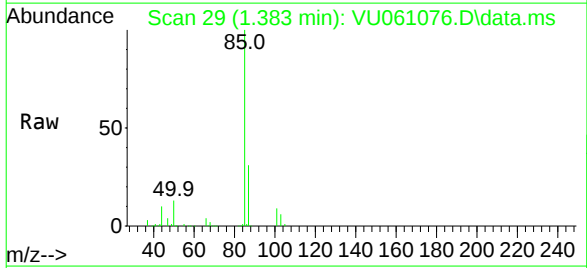




#2
Dichlorodifluoromethane
Concen: 4.808 ug/L
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU061076.D
Acq: 02 Oct 2024 15:10

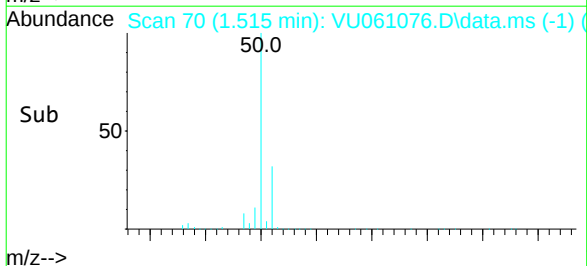
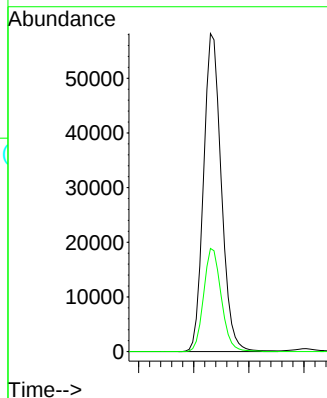
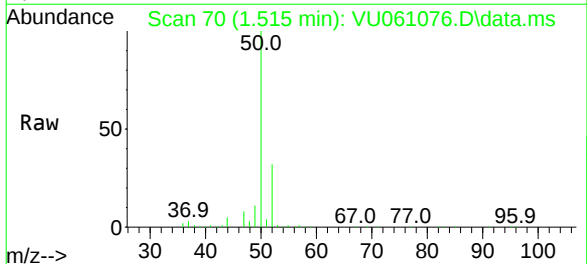
Instrument :
MSVOA_U
ClientSampleId :
PMW-7D(20240927)MS

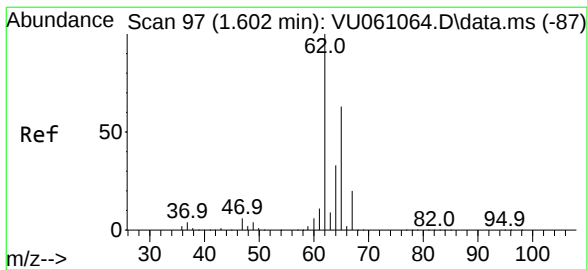
Tgt Ion: 85 Resp: 44160
Ion Ratio Lower Upper
85 100
87 30.9 26.2 39.2



#3
Chloromethane
Concen: 4.908 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU061076.D
Acq: 02 Oct 2024 15:10

Tgt Ion: 50 Resp: 65096
Ion Ratio Lower Upper
50 100
52 32.4 24.4 45.4





#5

Vinyl chloride

Concen: 5.210 ug/L

RT: 1.599 min Scan# 96

Delta R.T. -0.003 min

Lab File: VU061076.D

Acq: 02 Oct 2024 15:10

Instrument :

MSVOA_U

ClientSampleId :

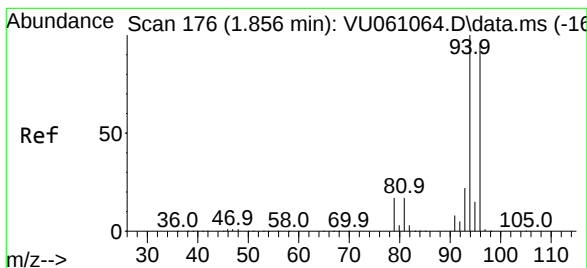
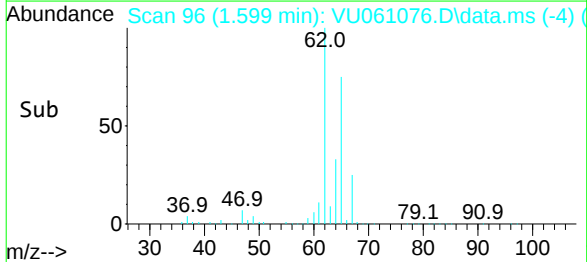
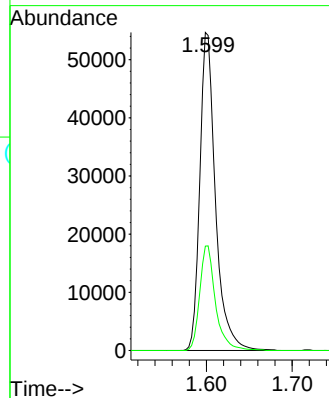
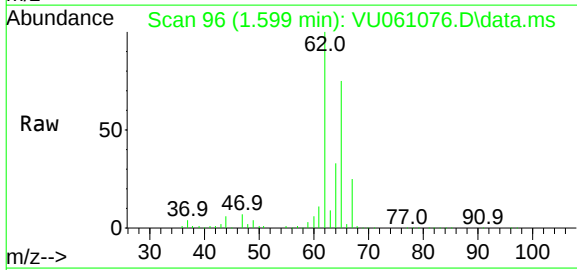
PMW-7D(20240927)MS

Tgt Ion: 62 Resp: 69378

Ion Ratio Lower Upper

62 100

64 32.8 24.0 44.6



#6

Bromomethane

Concen: 4.773 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.003 min

Lab File: VU061076.D

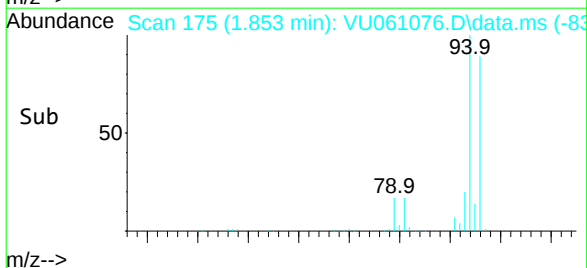
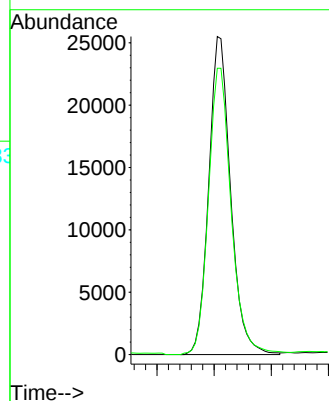
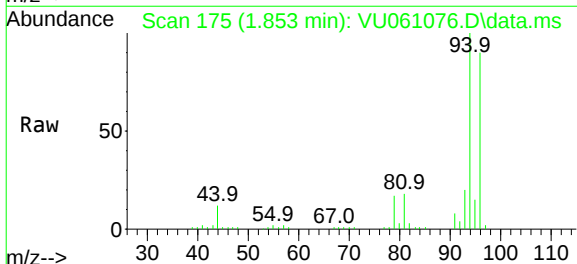
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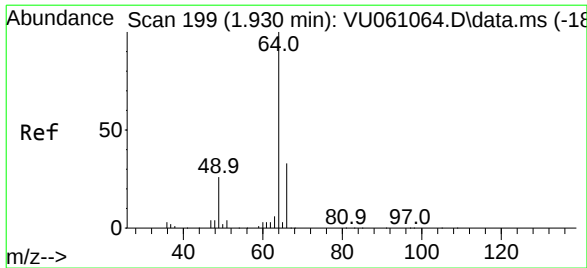
Tgt Ion: 94 Resp: 33903

Ion Ratio Lower Upper

94 100

96 90.0 67.3 124.9

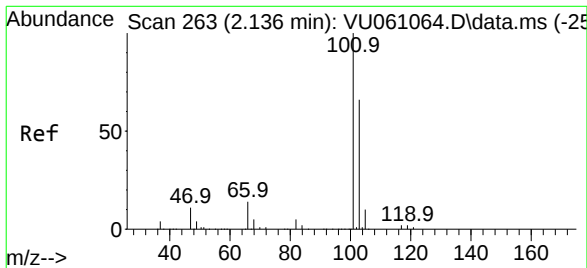
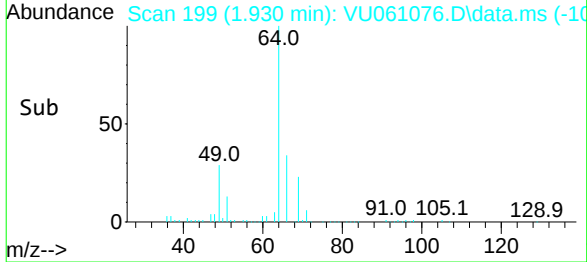
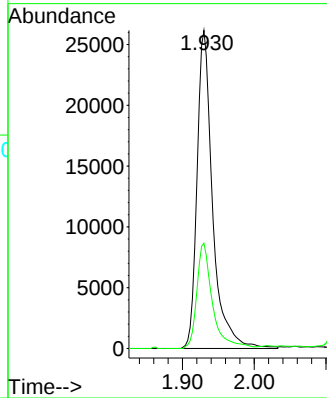
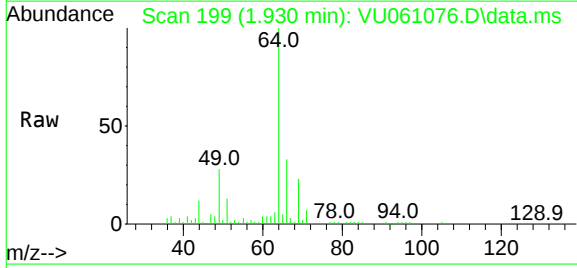




#8
Chloroethane
Concen: 4.875 ug/L
RT: 1.930 min Scan# 19
Delta R.T. -0.000 min
Lab File: VU061076.D
Acq: 02 Oct 2024 15:10

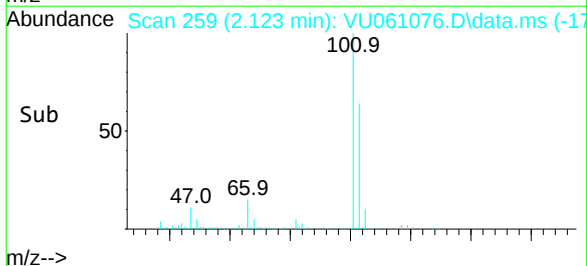
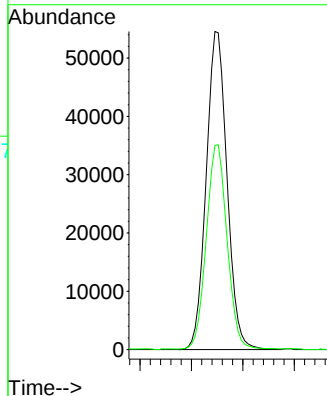
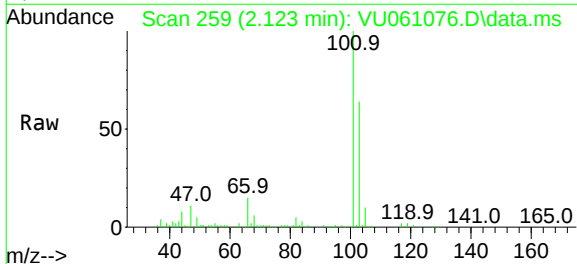
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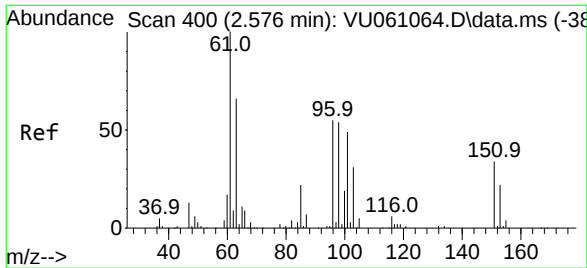
Tgt Ion: 64 Resp: 39376
Ion Ratio Lower Upper
64 100
66 33.1 22.3 41.3



#9
Trichlorofluoromethane
Concen: 4.484 ug/L
RT: 2.123 min Scan# 259
Delta R.T. -0.013 min
Lab File: VU061076.D
Acq: 02 Oct 2024 15:10

Tgt Ion:101 Resp: 76715
Ion Ratio Lower Upper
101 100
103 63.8 51.4 77.2

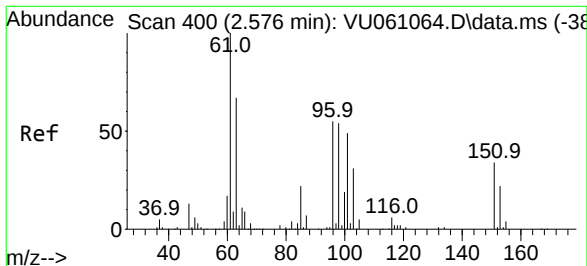
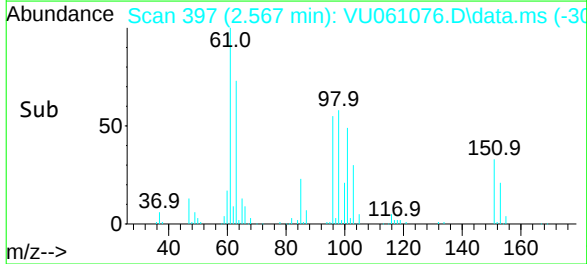
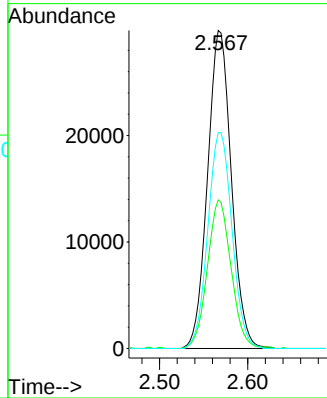
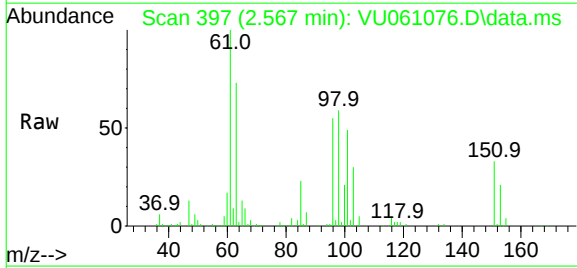




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.956 ug/L
 RT: 2.567 min Scan# 397
 Delta R.T. -0.010 min
 Lab File: VU061076.D
 Acq: 02 Oct 2024 15:10

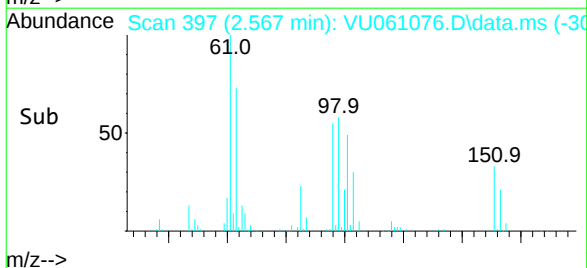
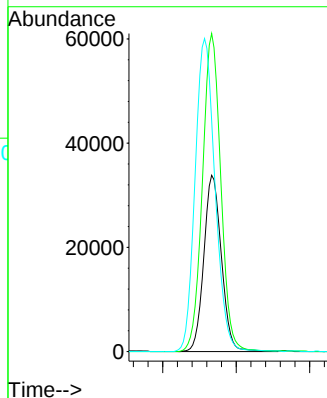
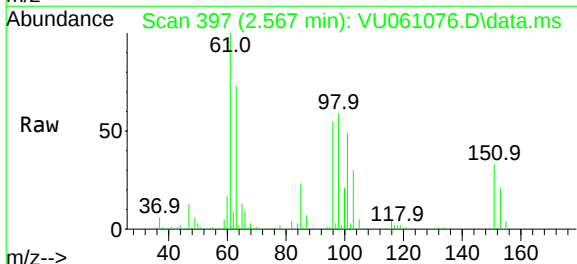
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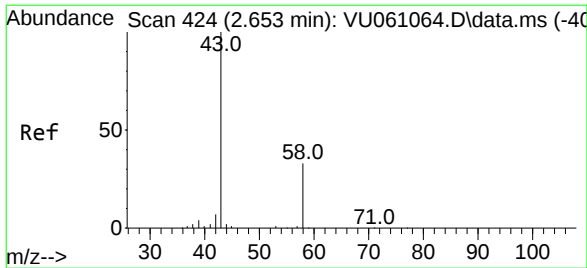
Tgt Ion: 101 Resp: 56004
 Ion Ratio Lower Upper
 101 100
 85 46.6 34.2 51.4
 151 69.1 58.6 88.0



#12
 1,1-Dichloroethene
 Concen: 5.175 ug/L
 RT: 2.567 min Scan# 397
 Delta R.T. -0.010 min
 Lab File: VU061076.D
 Acq: 02 Oct 2024 15:10

Tgt Ion: 96 Resp: 56307
 Ion Ratio Lower Upper
 96 100
 61 180.4 120.7 224.1
 63 131.1 90.0 167.2





#13

Acetone

Concen: 49.524 ug/L

RT: 2.650 min Scan# 42

Delta R.T. -0.003 min

Lab File: VU061076.D

Acq: 02 Oct 2024 15:10

Instrument :

MSVOA_U

ClientSampleId :

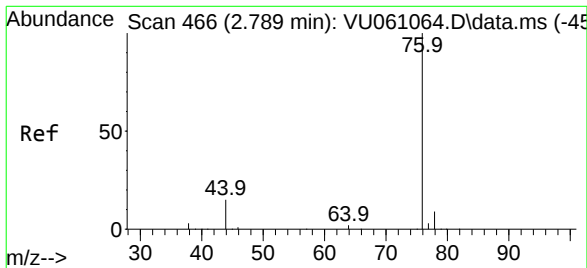
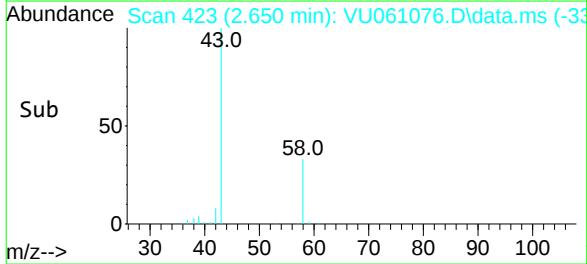
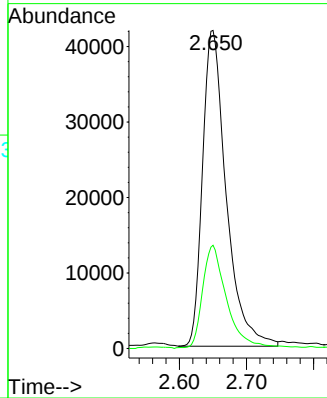
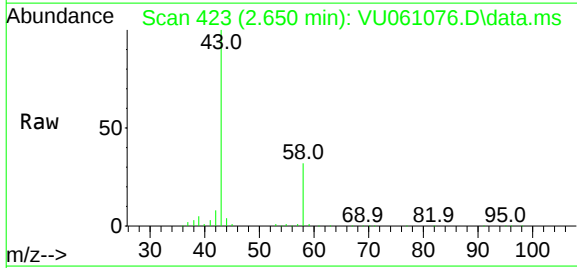
PMW-7D(20240927)MS

Tgt Ion: 43 Resp: 102784

Ion Ratio Lower Upper

43 100

58 33.6 0.0 69.6



#14

Carbon disulfide

Concen: 4.970 ug/L

RT: 2.782 min Scan# 464

Delta R.T. -0.007 min

Lab File: VU061076.D

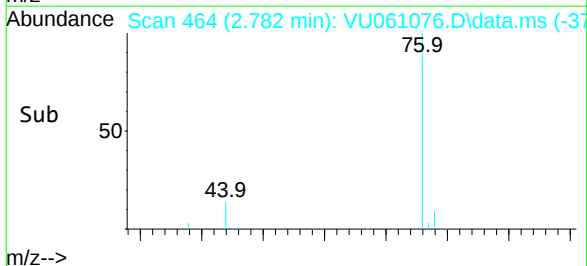
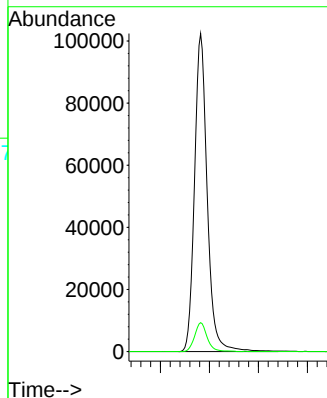
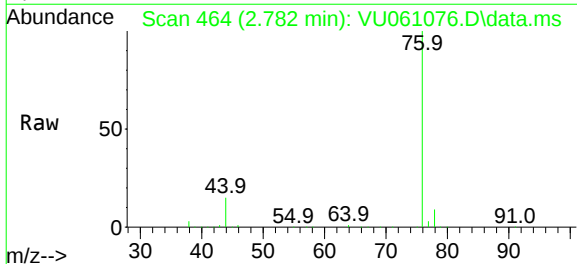
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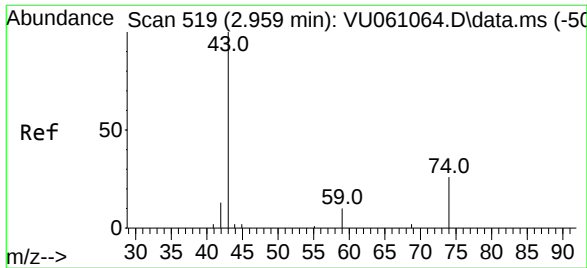
Tgt Ion: 76 Resp: 183794

Ion Ratio Lower Upper

76 100

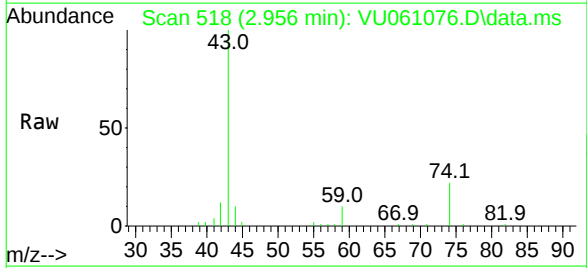
78 9.1 7.1 10.7



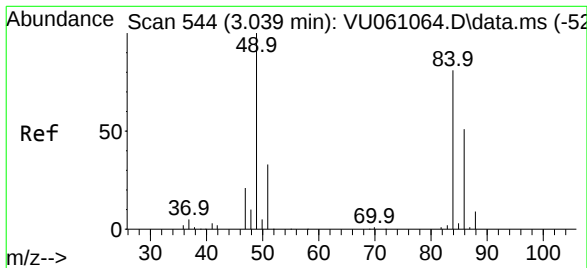
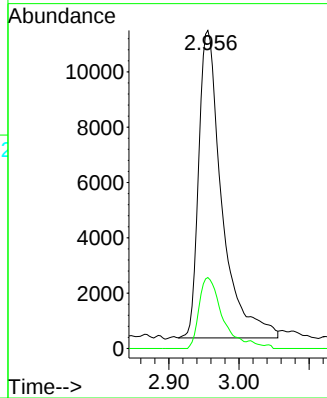
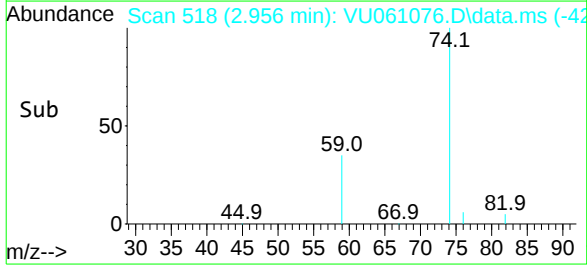


#15
Methyl Acetate
Concen: 5.060 ug/L
RT: 2.956 min Scan# 519
Delta R.T. -0.003 min
Lab File: VU061076.D
Acq: 02 Oct 2024 15:10

Instrument :
MSVOA_U
ClientSampleId :
PMW-7D(20240927)MS

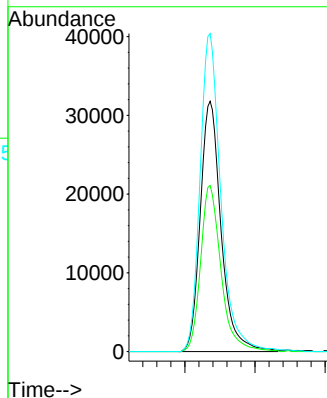
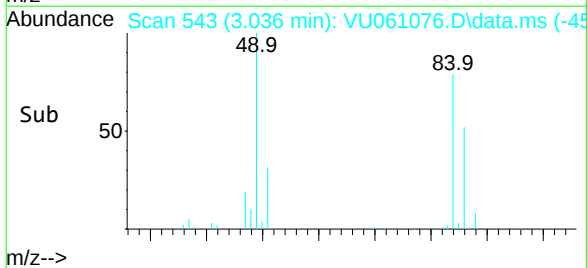
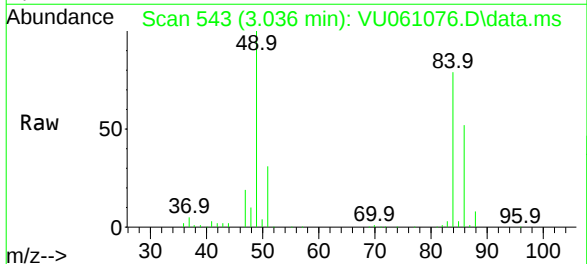


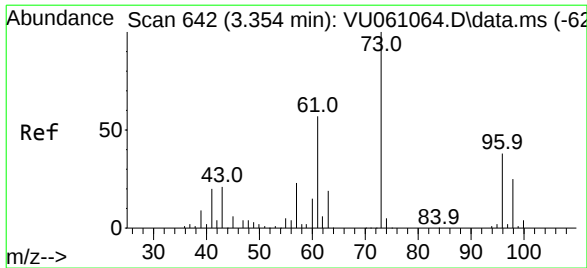
Tgt Ion: 43 Resp: 25570
Ion Ratio Lower Upper
43 100
74 22.5 18.9 28.3



#16
Methylene chloride
Concen: 5.264 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU061076.D
Acq: 02 Oct 2024 15:10

Tgt Ion: 84 Resp: 65761
Ion Ratio Lower Upper
84 100
86 66.4 47.3 87.8
49 127.1 78.7 146.1

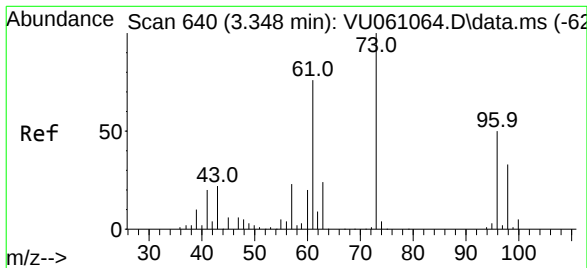
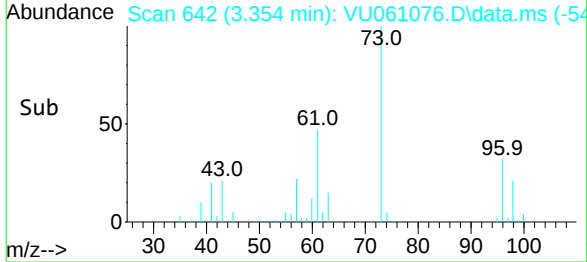
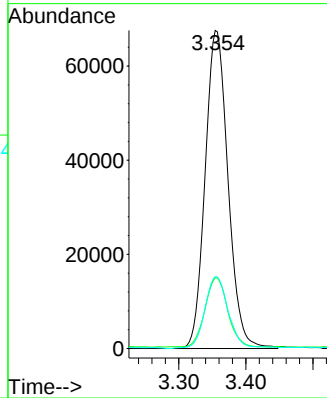
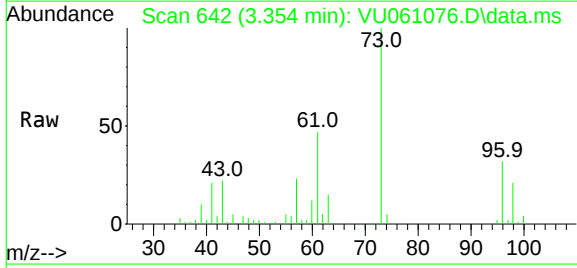




#17
Methyl tert-butyl Ether
Concen: 5.145 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU061076.D
Acq: 02 Oct 2024 15:10

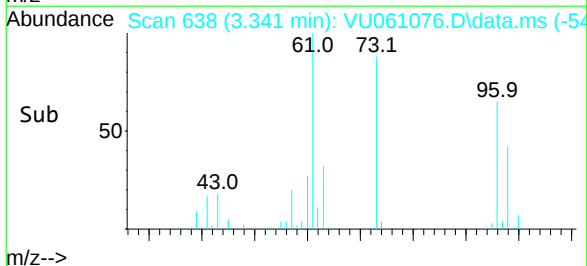
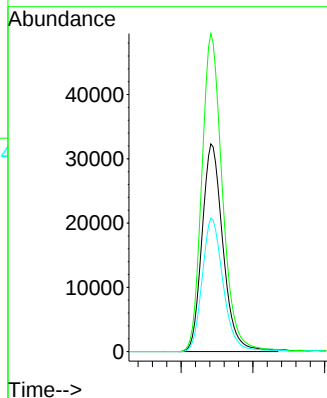
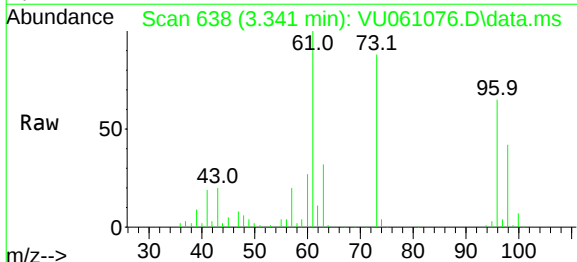
Instrument :
MSVOA_U
ClientSampleId :
PMW-7D(20240927)MS

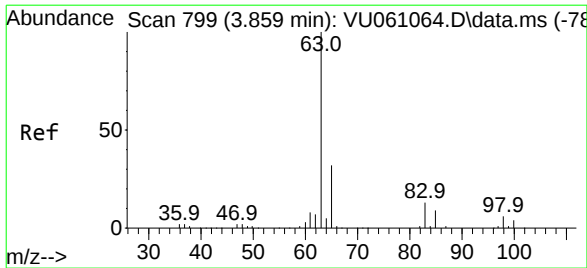
Tgt Ion: 73 Resp: 160208
Ion Ratio Lower Upper
73 100
43 21.6 13.8 20.8#
57 23.1 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 5.499 ug/L
RT: 3.341 min Scan# 638
Delta R.T. -0.007 min
Lab File: VU061076.D
Acq: 02 Oct 2024 15:10

Tgt Ion: 96 Resp: 65595
Ion Ratio Lower Upper
96 100
61 153.1 97.2 180.6
98 64.2 43.3 80.5

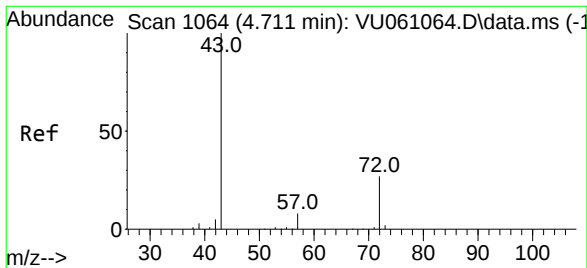
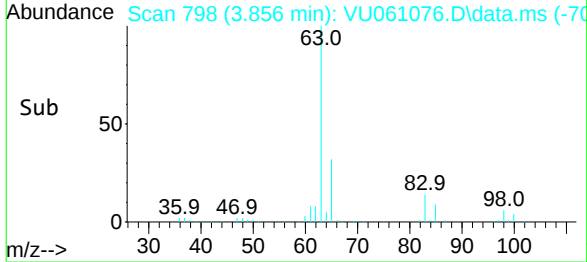
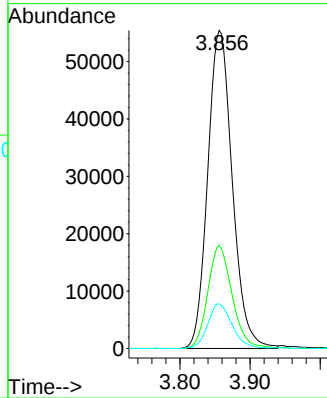
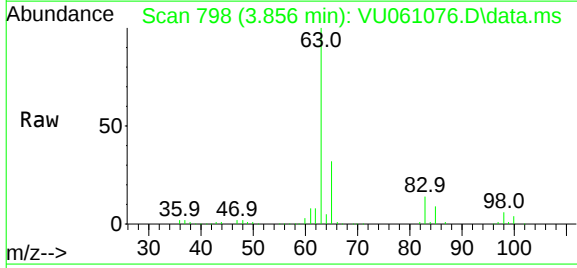




#19
1,1-Dichloroethane
Concen: 5.817 ug/L
RT: 3.856 min Scan# 799
Delta R.T. -0.003 min
Lab File: VU061076.D
Acq: 02 Oct 2024 15:10

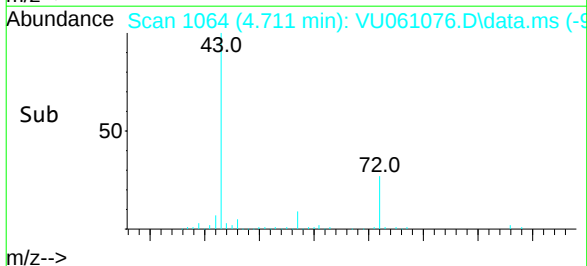
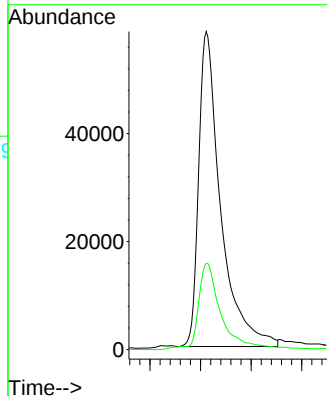
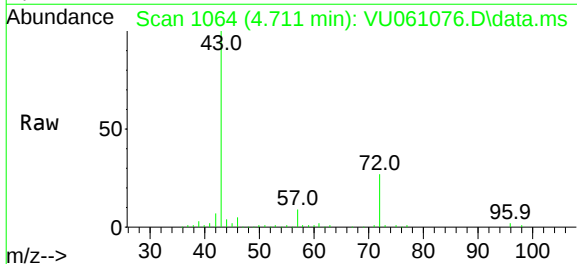
Instrument :
MSVOA_U
ClientSampleId :
PMW-7D(20240927)MS

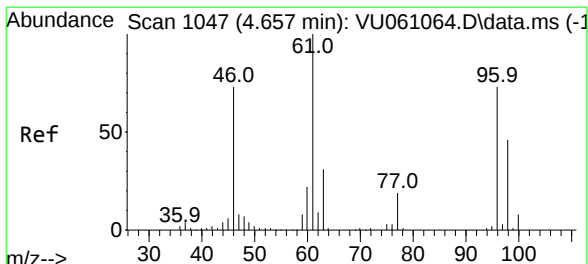
Tgt Ion:	63	Resp:	135029
Ion	Ratio	Lower	Upper
63	100		
65	32.4	23.0	42.8
83	14.0	9.0	16.6



#21
2-Butanone
Concen: 51.474 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VU061076.D
Acq: 02 Oct 2024 15:10

Tgt Ion:	43	Resp:	175871
Ion	Ratio	Lower	Upper
43	100		
72	26.8	14.8	44.3

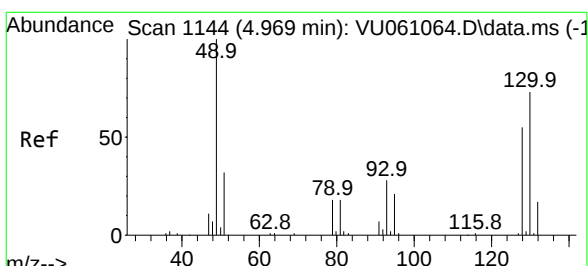
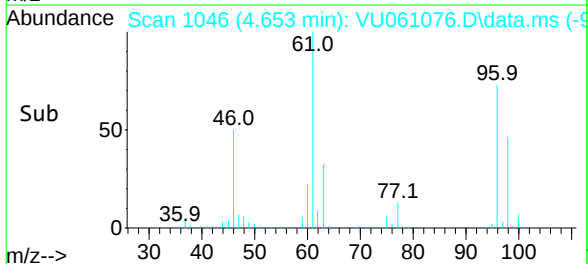
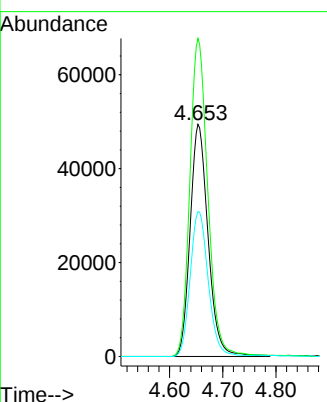
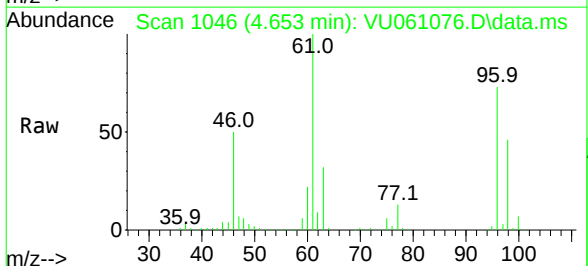




#22
 cis-1,2-Dichloroethene
 Concen: 8.721 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.003 min
 Lab File: VU061076.D
 Acq: 02 Oct 2024 15:10

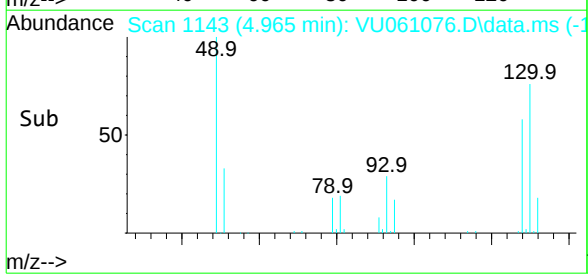
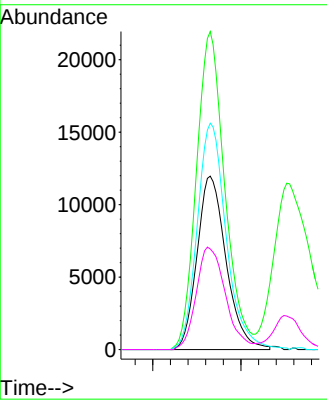
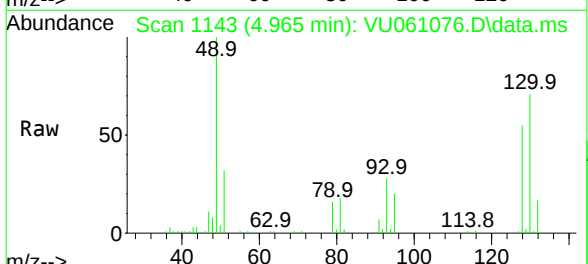
Instrument : MSVOA_U
 ClientSampleId : PMW-7D(20240927)MS

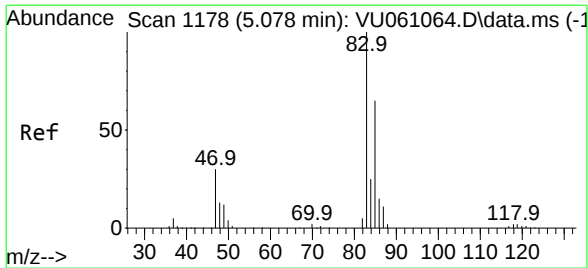
Tgt Ion:	96	Resp:	115854
Ion	Ratio	Lower	Upper
96	100		
61	137.0	89.7	166.5
98	62.4	45.1	83.9



#23
 Bromochloromethane
 Concen: 5.119 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.003 min
 Lab File: VU061076.D
 Acq: 02 Oct 2024 15:10

Tgt Ion:	128	Resp:	27373
Ion	Ratio	Lower	Upper
128	100		
49	183.4	109.6	203.6
130	130.5	87.8	163.0
51	58.0	37.3	55.9

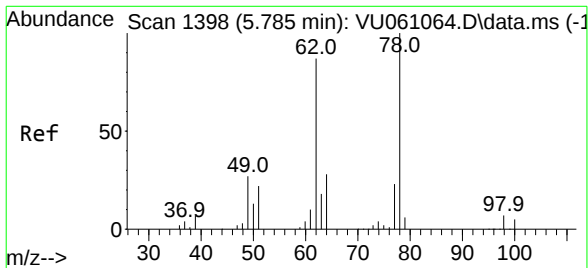
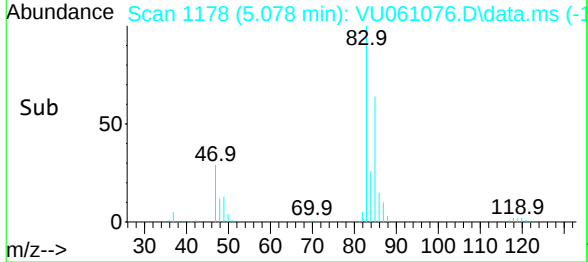
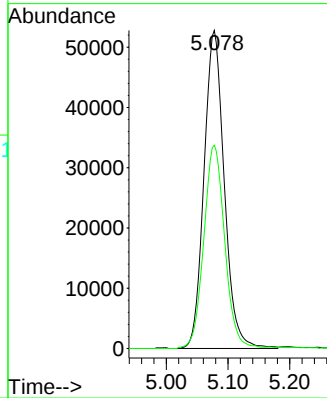
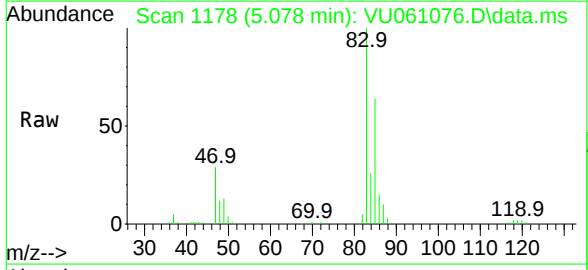




#25
Chloroform
Concen: 5.182 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU061076.D
Acq: 02 Oct 2024 15:10

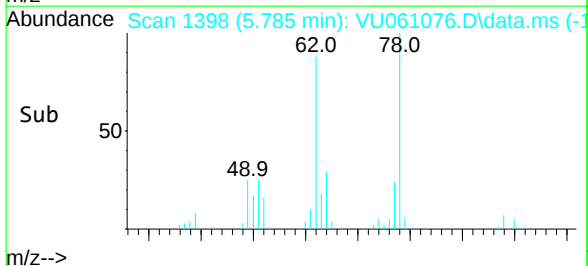
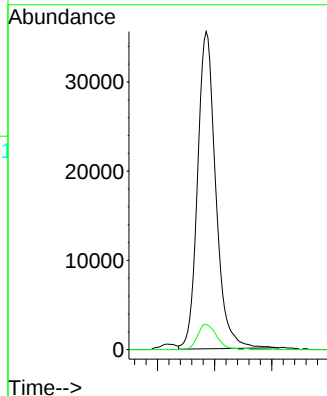
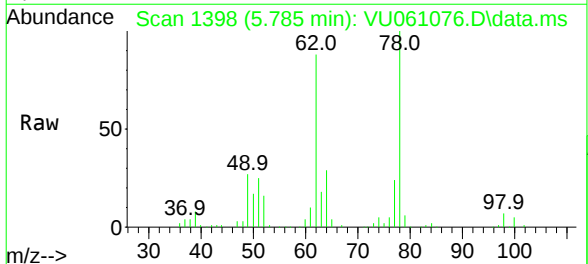
Instrument :
MSVOA_U
ClientSampleId :
PMW-7D(20240927)MS

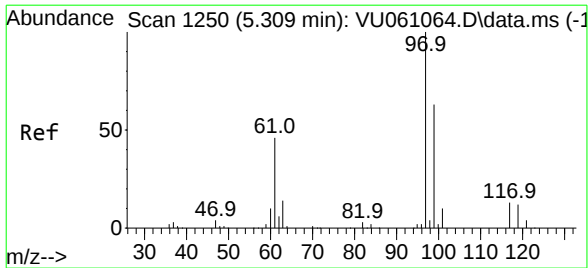
Tgt Ion: 83 Resp: 120488
Ion Ratio Lower Upper
83 100
85 63.9 46.8 86.8



#27
1,2-Dichloroethane
Concen: 5.139 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VU061076.D
Acq: 02 Oct 2024 15:10

Tgt Ion: 62 Resp: 78713
Ion Ratio Lower Upper
62 100
98 7.9 8.2 12.4#

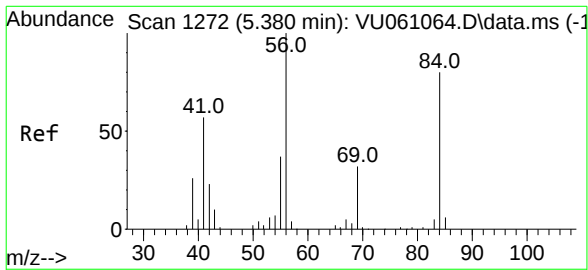
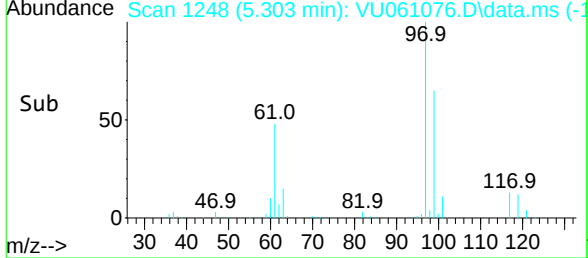
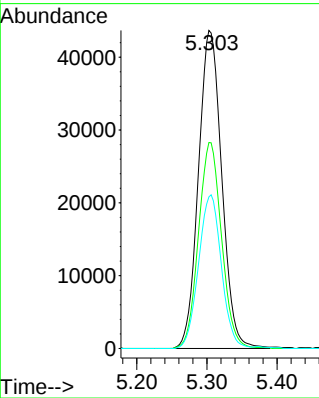
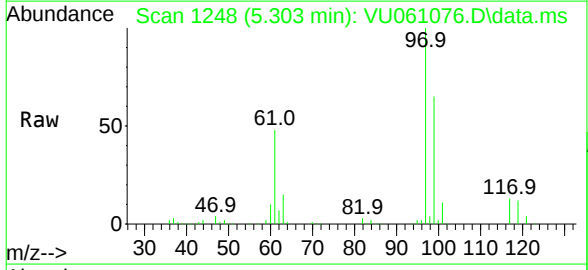




#29
1,1,1-Trichloroethane
Concen: 4.977 ug/L
RT: 5.303 min Scan# 1218
Delta R.T. -0.007 min
Lab File: VU061076.D
Acq: 02 Oct 2024 15:10

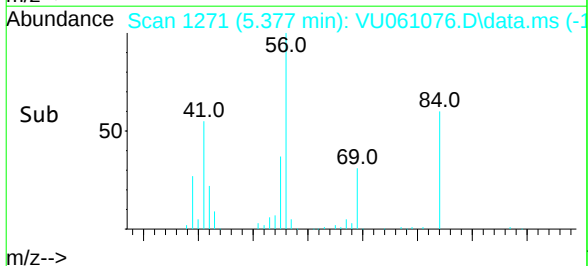
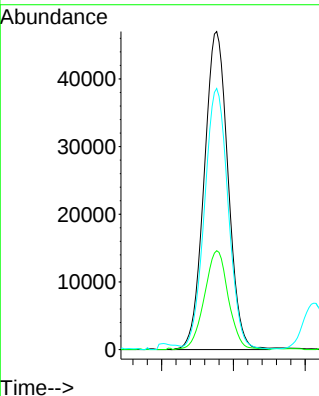
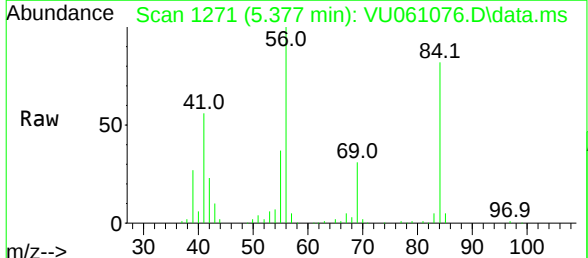
Instrument :
MSVOA_U
ClientSampleId :
PMW-7D(20240927)MS

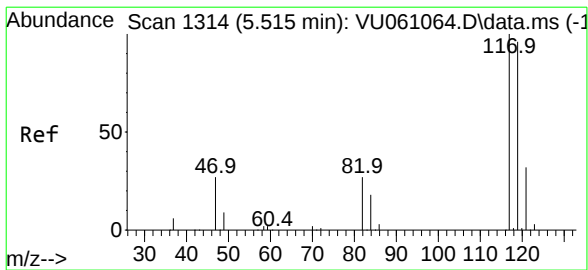
Tgt Ion:	97	Resp:	100959
Ion	Ratio	Lower	Upper
97	100		
99	63.9	50.5	75.7
61	47.2	34.4	51.6



#30
Cyclohexane
Concen: 4.803 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.003 min
Lab File: VU061076.D
Acq: 02 Oct 2024 15:10

Tgt Ion:	56	Resp:	108525
Ion	Ratio	Lower	Upper
56	100		
69	31.2	25.4	38.0
84	81.8	71.0	106.6





#31

Carbon tetrachloride

Concen: 4.957 ug/L

RT: 5.512 min Scan# 1313

Delta R.T. -0.003 min

Lab File: VU061076.D

Acq: 02 Oct 2024 15:10

Instrument :

MSVOA_U

ClientSampleId :

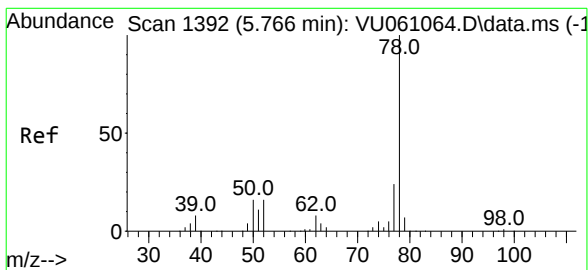
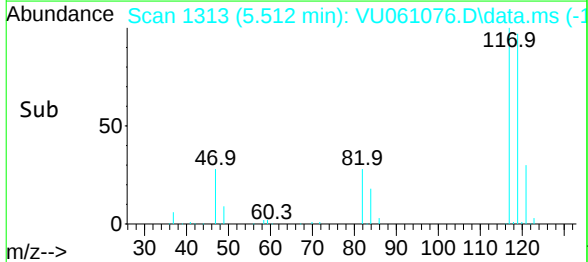
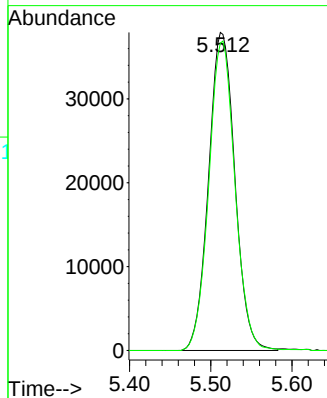
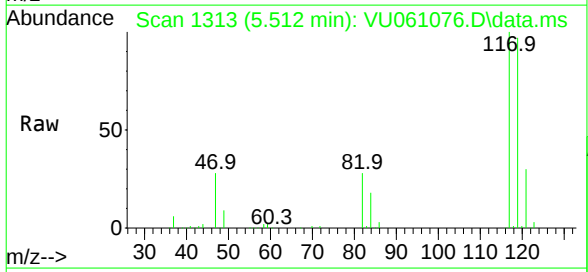
PMW-7D(20240927)MS

Tgt Ion:117 Resp: 85327

Ion Ratio Lower Upper

117 100

119 96.6 76.3 114.5



#33

Benzene

Concen: 5.237 ug/L

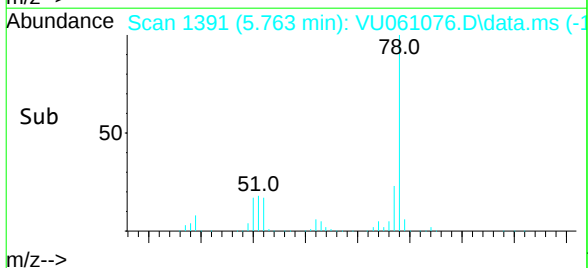
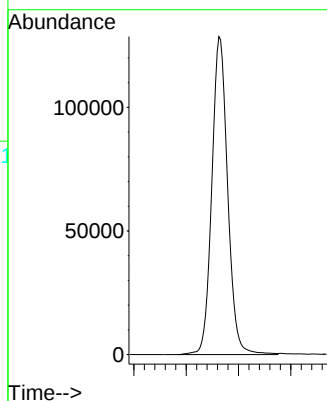
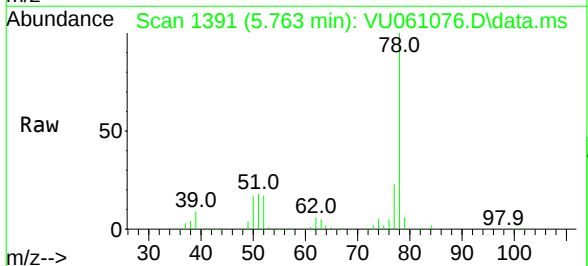
RT: 5.763 min Scan# 1391

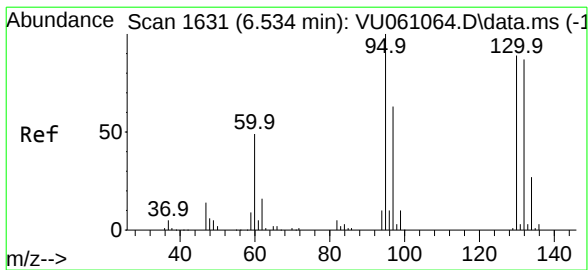
Delta R.T. -0.003 min

Lab File: VU061076.D

Acq: 02 Oct 2024 15:10

Tgt Ion: 78 Resp: 270588





#34

Trichloroethene

Concen: 4.890 ug/L

RT: 6.534 min Scan# 16

Delta R.T. -0.000 min

Lab File: VU061076.D

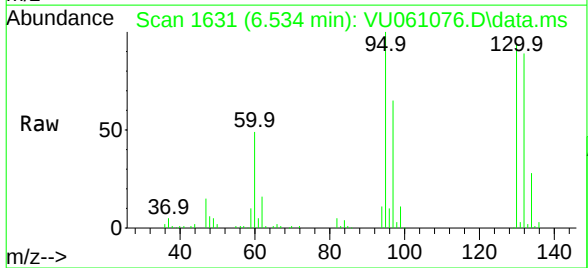
Acq: 02 Oct 2024 15:10

Instrument :

MSVOA_U

ClientSampleId :

PMW-7D(20240927)MS



Tgt Ion: 95 Resp: 68499

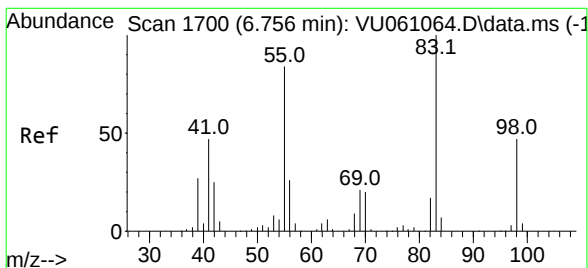
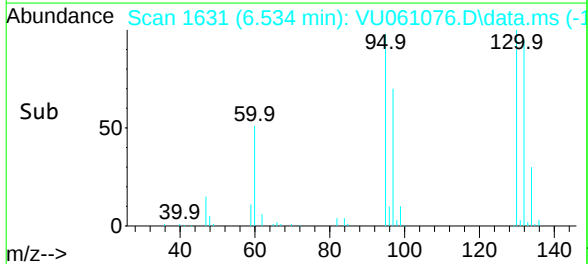
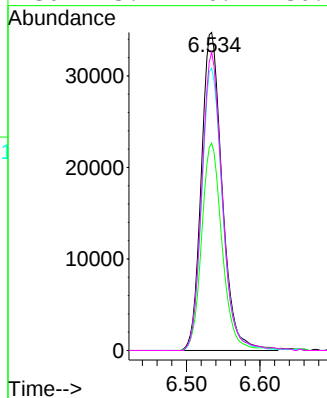
Ion Ratio Lower Upper

95 100

97 65.2 44.9 83.5

132 88.8 63.5 117.9

130 93.7 70.2 130.4



#35

Methylcyclohexane

Concen: 4.821 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VU061076.D

Acq: 02 Oct 2024 15:10

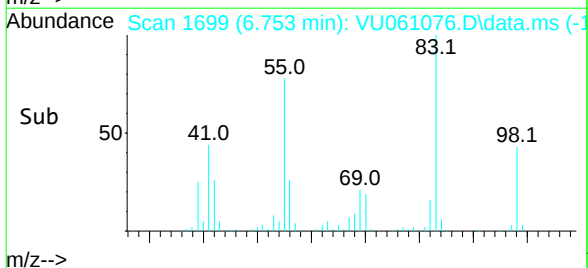
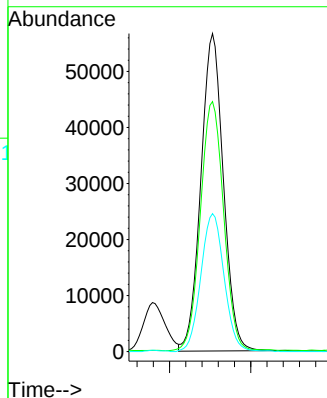
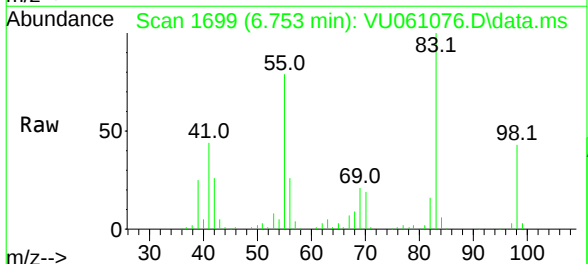
Tgt Ion: 83 Resp: 109059

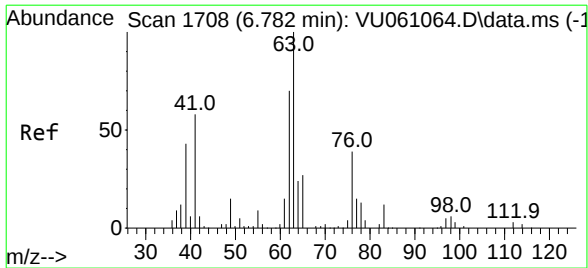
Ion Ratio Lower Upper

83 100

55 81.0 62.6 94.0

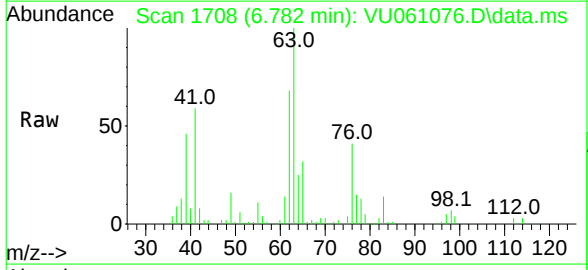
98 44.9 37.6 56.4



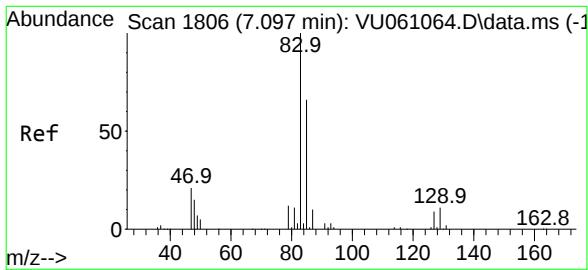
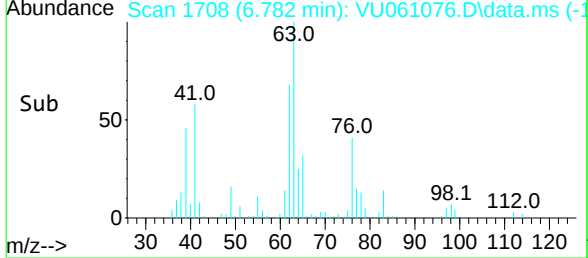
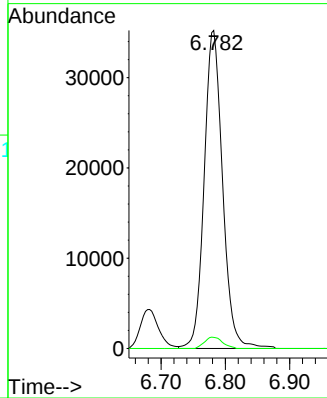


#37
 1,2-Dichloropropane
 Concen: 5.144 ug/L
 RT: 6.782 min Scan# 1708
 Delta R.T. -0.000 min
 Lab File: VU061076.D
 Acq: 02 Oct 2024 15:10

Instrument : MSVOA_U
 ClientSampleId : PMW-7D(20240927)MS

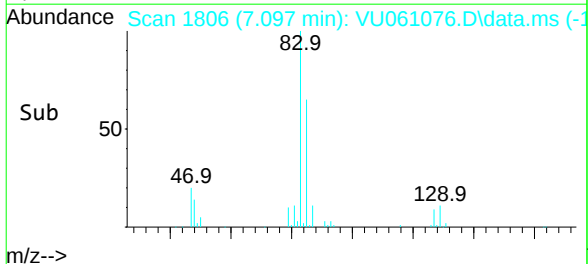
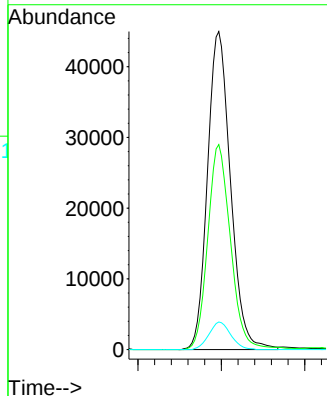
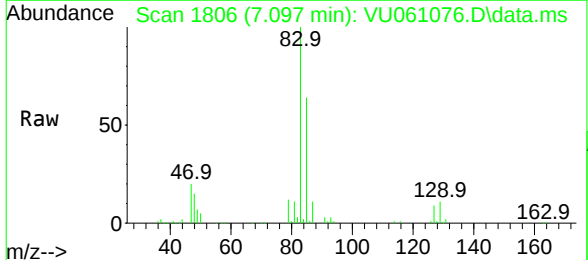


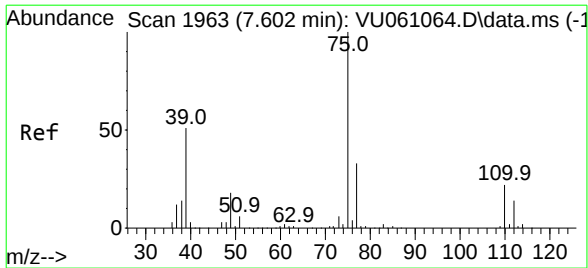
Tgt Ion: 63 Resp: 70040
 Ion Ratio Lower Upper
 63 100
 112 3.5 2.0 3.0#



#38
 Bromodichloromethane
 Concen: 5.072 ug/L
 RT: 7.097 min Scan# 1806
 Delta R.T. -0.000 min
 Lab File: VU061076.D
 Acq: 02 Oct 2024 15:10

Tgt Ion: 83 Resp: 86348
 Ion Ratio Lower Upper
 83 100
 85 64.5 45.6 84.8
 127 8.7 7.0 10.6

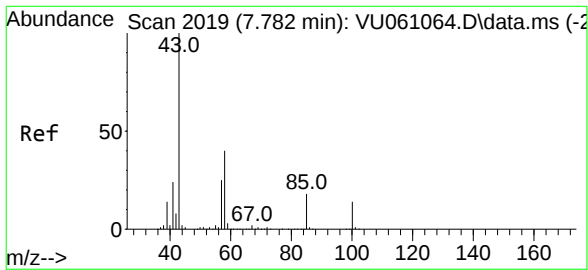
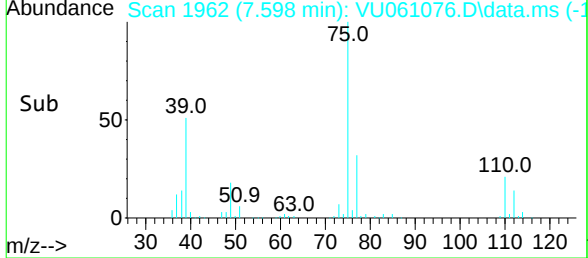
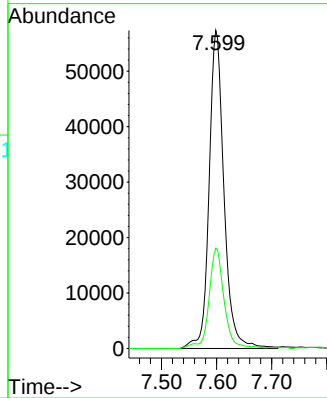
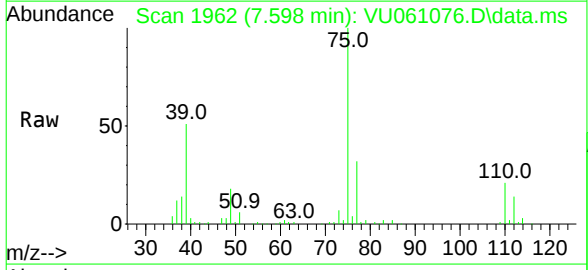




#39
 cis-1,3-Dichloropropene
 Concen: 5.039 ug/L
 RT: 7.598 min Scan# 19
 Delta R.T. -0.003 min
 Lab File: VU061076.D
 Acq: 02 Oct 2024 15:10

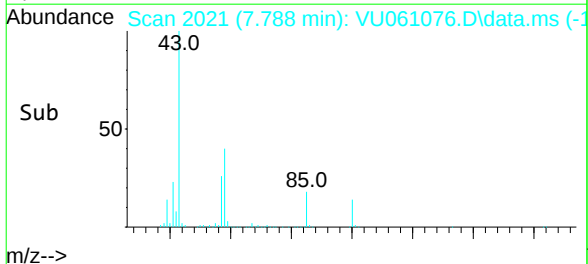
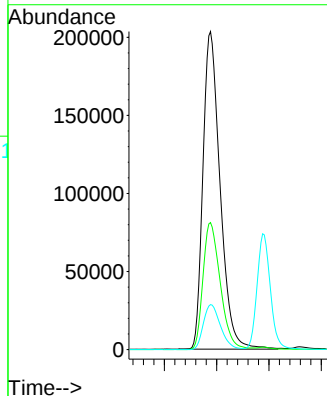
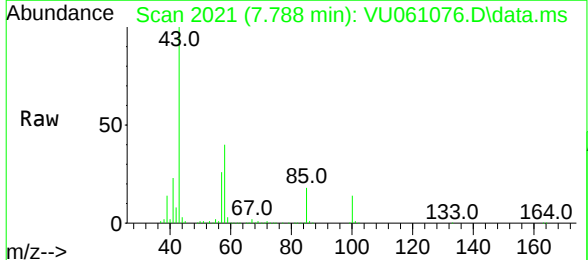
Instrument :
 MSVOA_U
 ClientSampleId :
 PMW-7D(20240927)MS

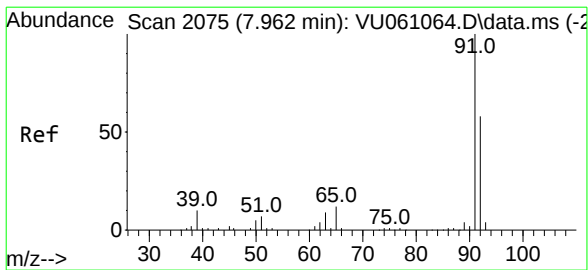
Tgt Ion: 75 Resp: 107595
 Ion Ratio Lower Upper
 75 100
 77 31.6 21.3 39.5



#40
 4-Methyl-2-pentanone
 Concen: 53.123 ug/L
 RT: 7.788 min Scan# 2021
 Delta R.T. 0.006 min
 Lab File: VU061076.D
 Acq: 02 Oct 2024 15:10

Tgt Ion: 43 Resp: 463350
 Ion Ratio Lower Upper
 43 100
 58 40.2 34.9 52.3
 100 14.2 13.4 20.0





#42

Toluene

Concen: 5.073 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU061076.D

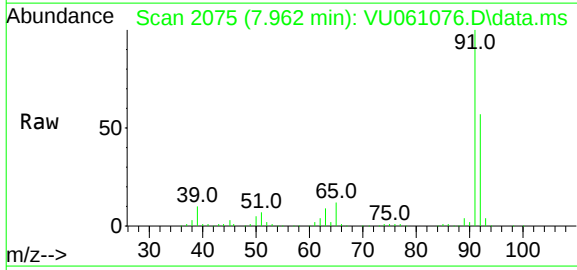
Acq: 02 Oct 2024 15:10

Instrument :

MSVOA_U

ClientSampleId :

PMW-7D(20240927)MS

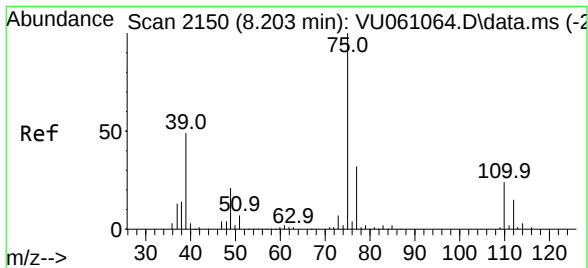
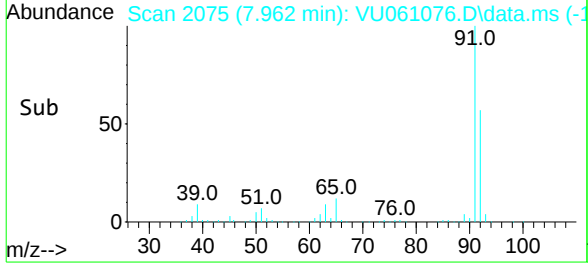
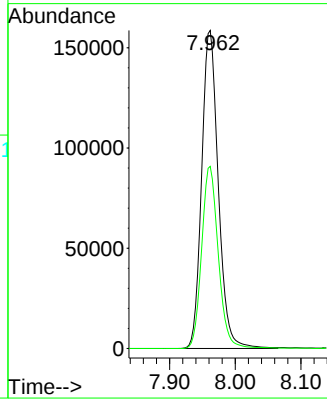


Tgt Ion: 91 Resp: 279276

Ion Ratio Lower Upper

91 100

92 57.3 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.094 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU061076.D

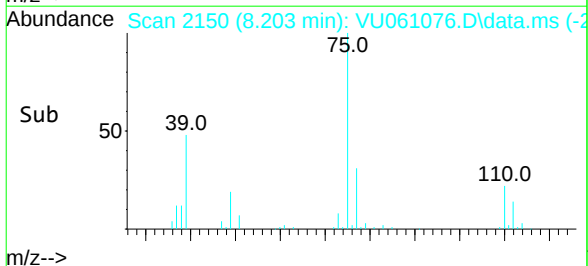
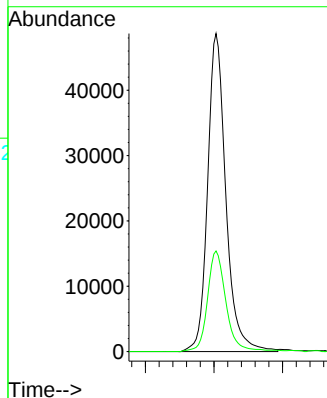
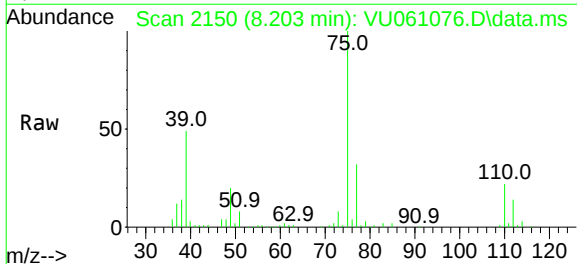
Acq: 02 Oct 2024 15:10

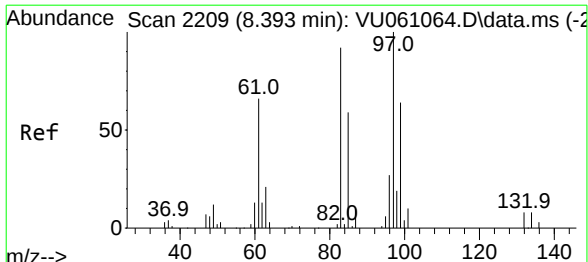
Tgt Ion: 75 Resp: 89932

Ion Ratio Lower Upper

75 100

77 31.6 23.1 42.9

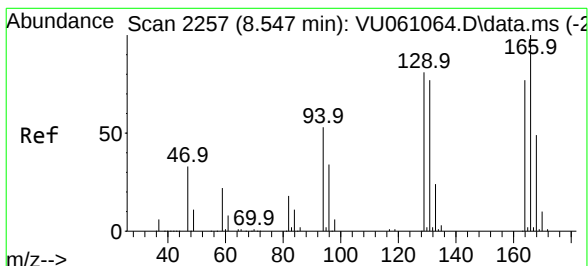
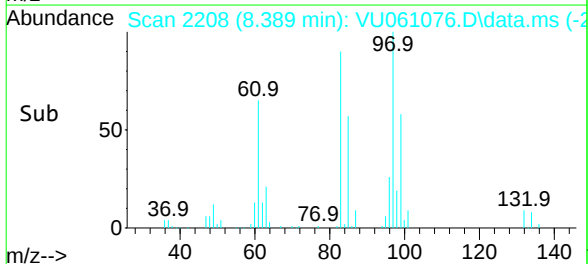
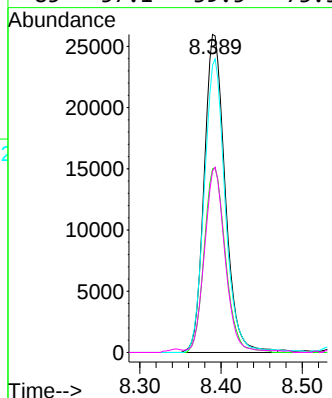
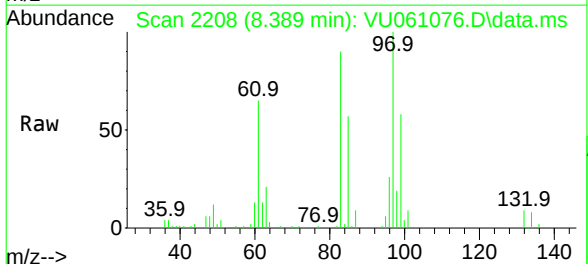




#45
1,1,2-Trichloroethane
Concen: 5.156 ug/L
RT: 8.389 min Scan# 2209
Delta R.T. -0.003 min
Lab File: VU061076.D
Acq: 02 Oct 2024 15:10

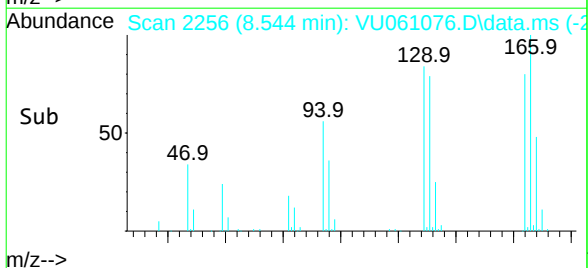
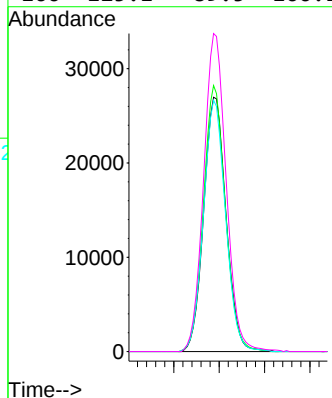
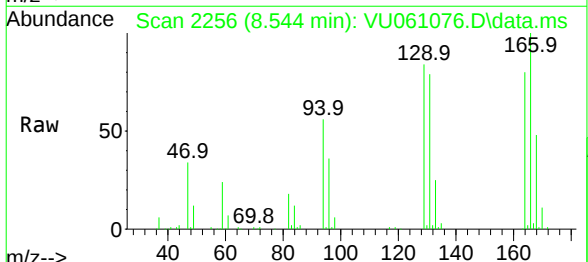
Instrument :
MSVOA_U
ClientSampleId :
PMW-7D(20240927)MS

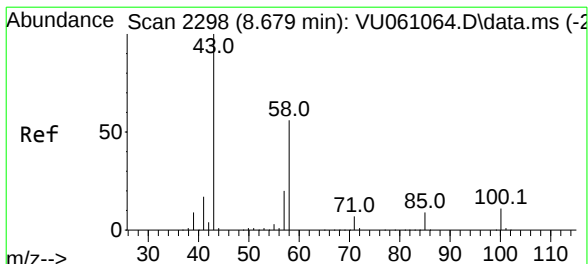
Tgt Ion:	97	Resp:	46534
Ion	Ratio	Lower	Upper
97	100		
99	57.7	42.3	78.5
83	90.3	61.7	114.5
85	57.1	39.5	73.3



#47
Tetrachloroethene
Concen: 5.061 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU061076.D
Acq: 02 Oct 2024 15:10

Tgt Ion:	164	Resp:	46142
Ion	Ratio	Lower	Upper
164	100		
129	104.6	67.3	124.9
131	98.9	65.4	121.4
166	125.1	89.5	166.1

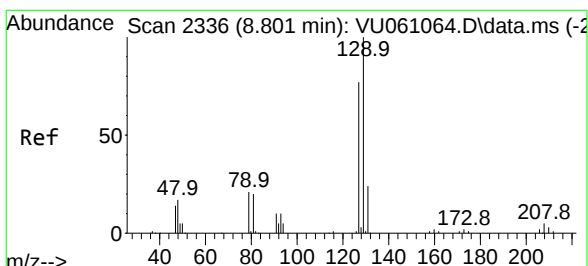
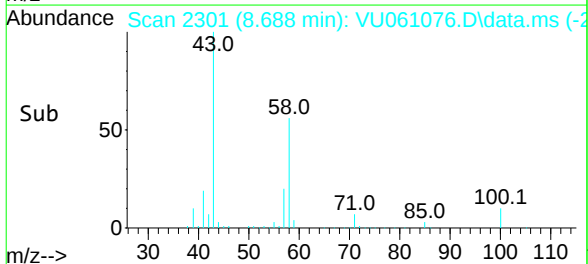
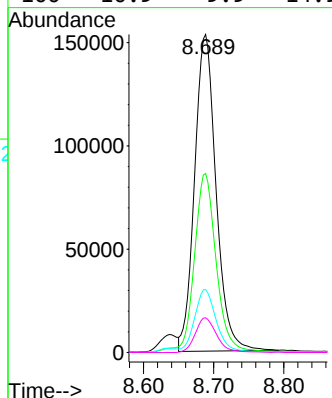
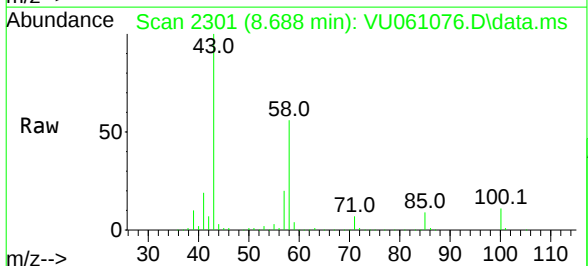




#48
2-Hexanone
Concen: 53.917 ug/L
RT: 8.688 min Scan# 2301
Delta R.T. 0.010 min
Lab File: VU061076.D
Acq: 02 Oct 2024 15:10

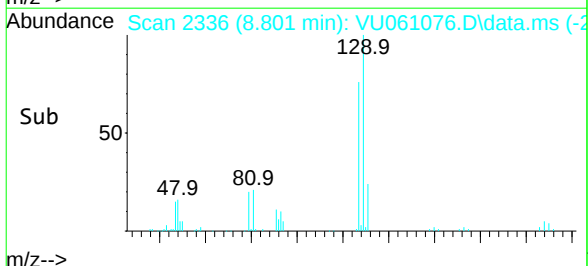
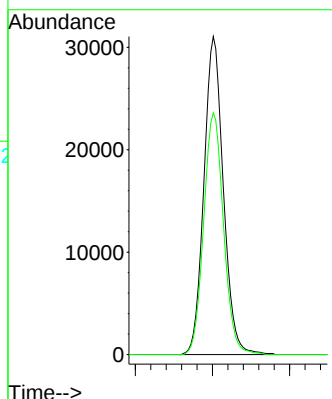
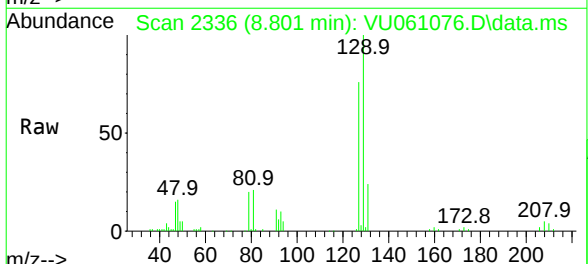
Instrument :
MSVOA_U
ClientSampleId :
PMW-7D(20240927)MS

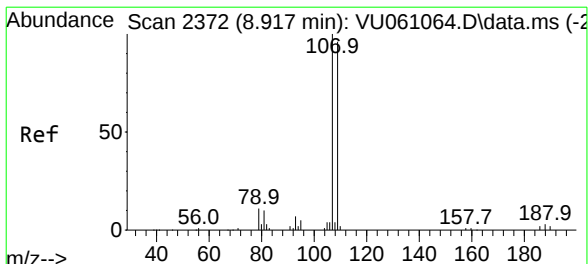
Tgt Ion:	43	Resp:	326039
Ion	Ratio	Lower	Upper
43	100		
58	57.9	48.3	72.5
57	19.7	15.9	23.9
100	10.9	9.9	14.9



#49
Dibromochloromethane
Concen: 5.174 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU061076.D
Acq: 02 Oct 2024 15:10

Tgt Ion:	129	Resp:	54324
Ion	Ratio	Lower	Upper
129	100		
127	76.0	56.1	104.1

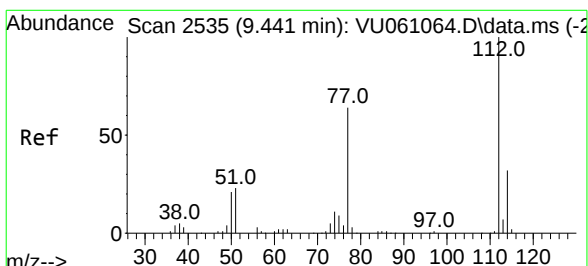
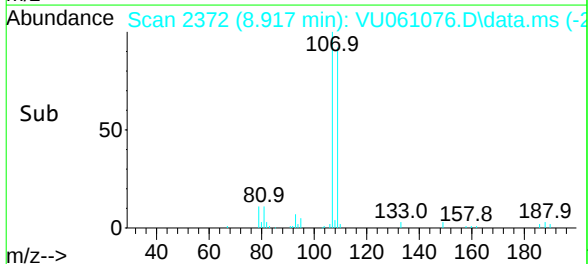
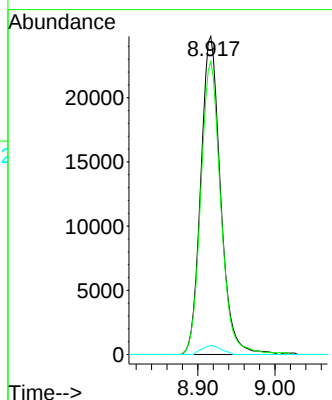
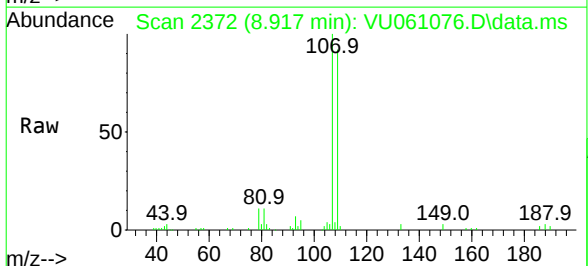




#50
1,2-Dibromoethane
Concen: 5.159 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU061076.D
Acq: 02 Oct 2024 15:10

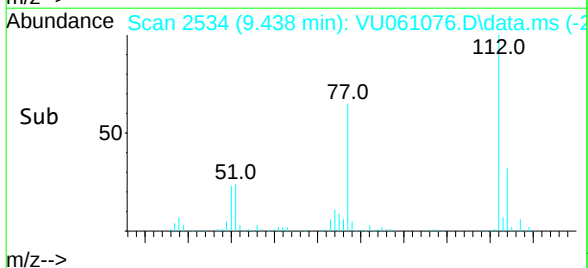
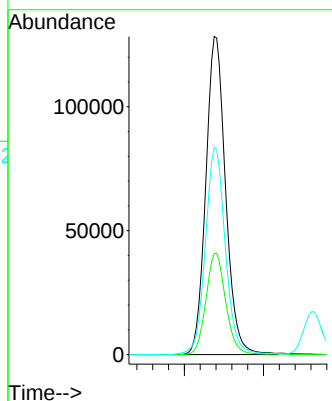
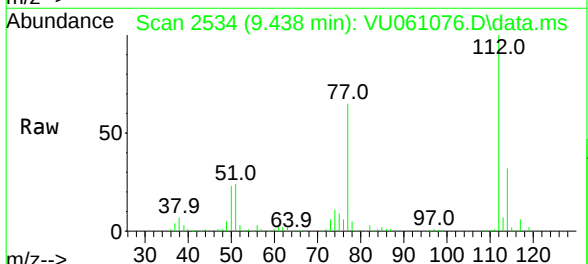
Instrument : MSVOA_U
ClientSampleId : PMW-7D(20240927)MS

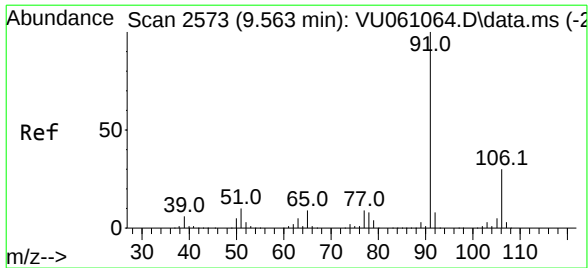
Tgt Ion:	107	Resp:	44075
Ion	Ratio	Lower	Upper
107	100		
109	92.1	66.8	124.0
188	2.8	3.4	5.0



#51
Chlorobenzene
Concen: 6.656 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.003 min
Lab File: VU061076.D
Acq: 02 Oct 2024 15:10

Tgt Ion:	112	Resp:	223192
Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.2	41.2
77	65.1	46.1	69.1

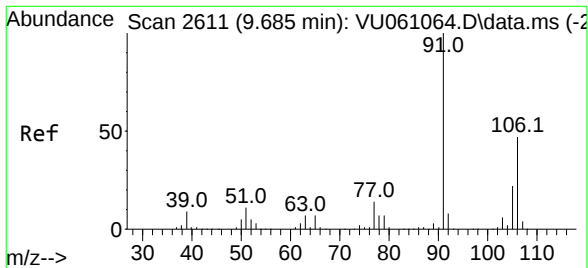
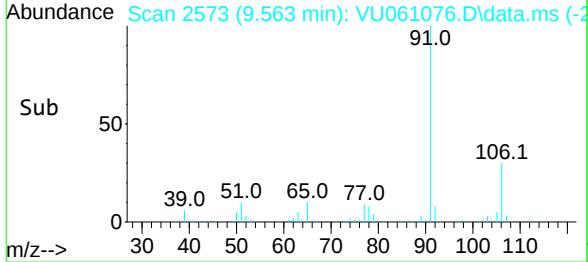
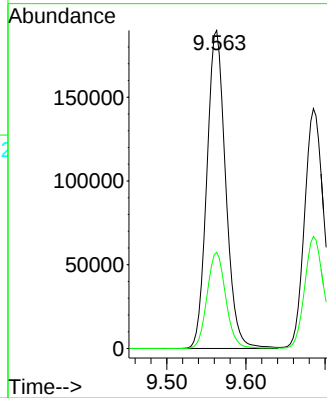
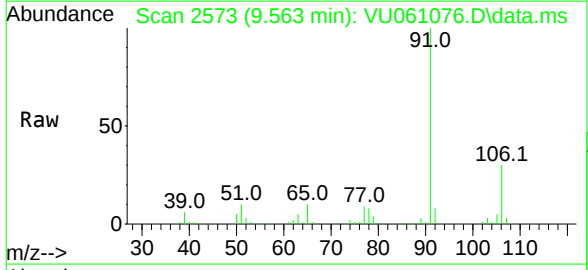




#52
Ethylbenzene
Concen: 5.027 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU061076.D
Acq: 02 Oct 2024 15:10

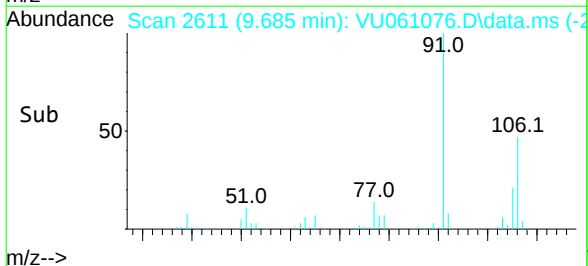
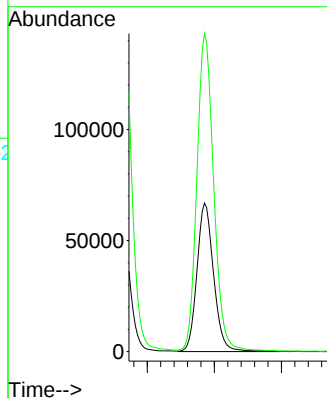
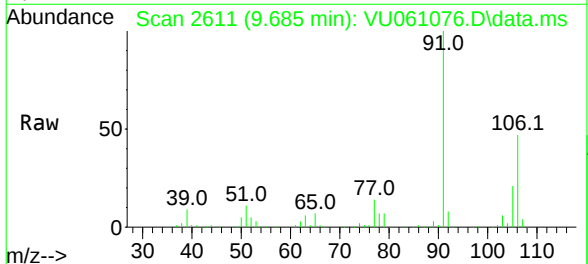
Instrument :
MSVOA_U
ClientSampleId :
PMW-7D(20240927)MS

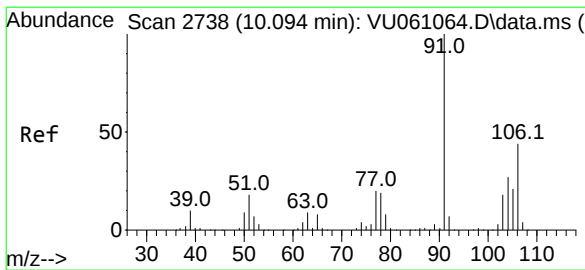
Tgt Ion: 91 Resp: 313611
Ion Ratio Lower Upper
91 100
106 30.3 21.8 40.6



#53
m,p-Xylene
Concen: 5.062 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU061076.D
Acq: 02 Oct 2024 15:10

Tgt Ion: 106 Resp: 115190
Ion Ratio Lower Upper
106 100
91 214.1 139.7 259.4





#54

o-Xylene

Concen: 5.172 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. -0.000 min

Lab File: VU061076.D

Acq: 02 Oct 2024 15:10

Instrument :

MSVOA_U

ClientSampleId :

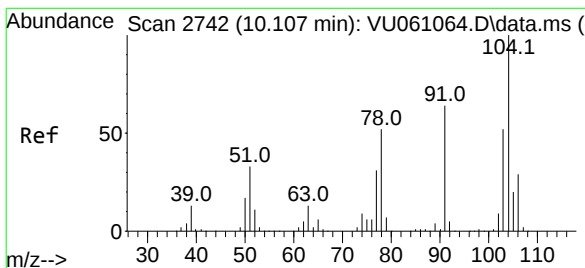
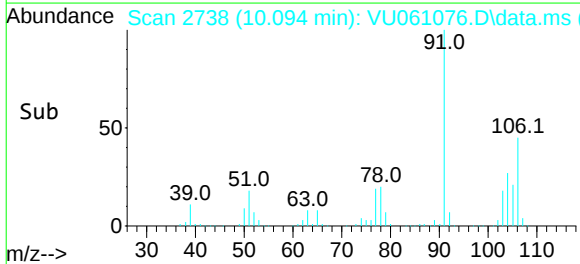
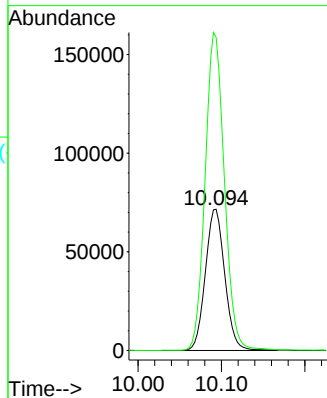
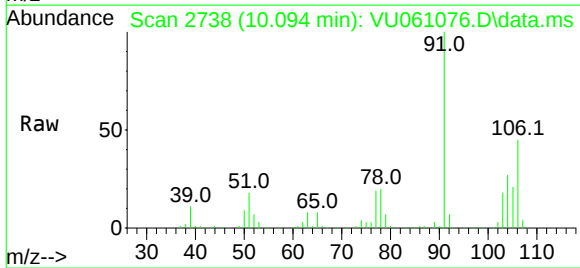
PMW-7D(20240927)MS

Tgt Ion:106 Resp: 115806

Ion Ratio Lower Upper

106 100

91 221.8 148.6 276.0



#55

Styrene

Concen: 5.200 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. 0.003 min

Lab File: VU061076.D

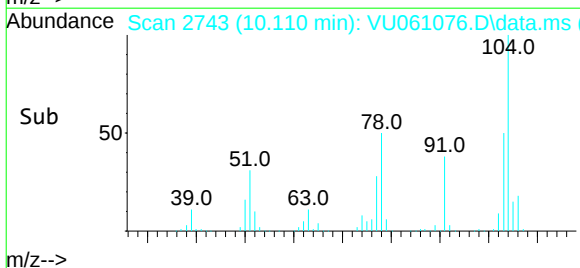
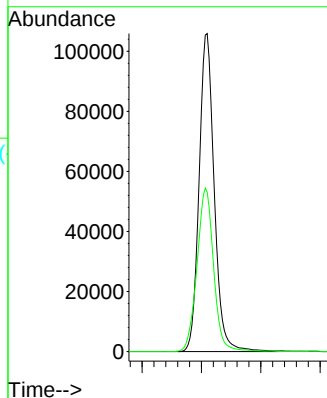
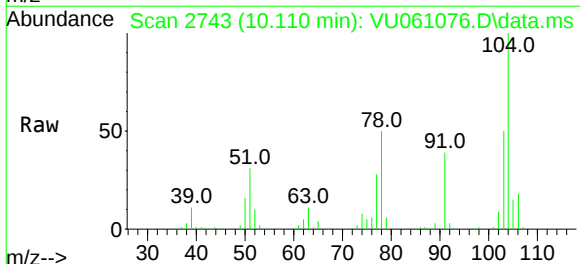
Acq: 02 Oct 2024 15:10

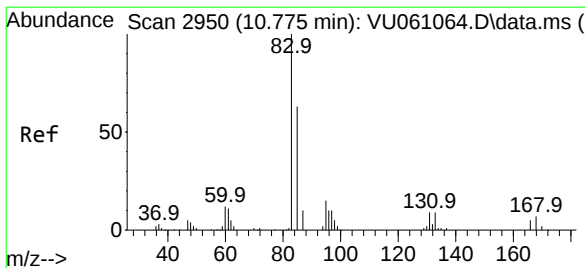
Tgt Ion:104 Resp: 187899

Ion Ratio Lower Upper

104 100

78 50.1 31.7 58.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.411 ug/L

RT: 10.775 min Scan# 29

Delta R.T. -0.000 min

Lab File: VU061076.D

Acq: 02 Oct 2024 15:10

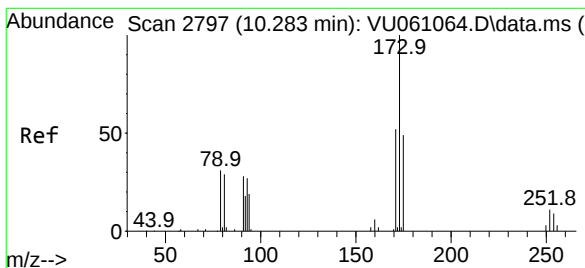
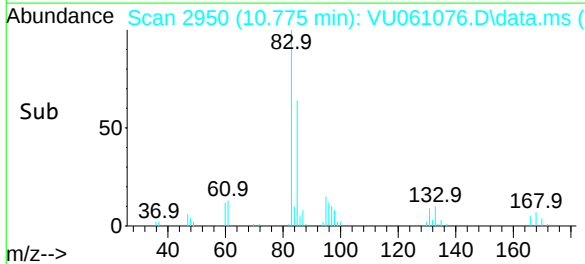
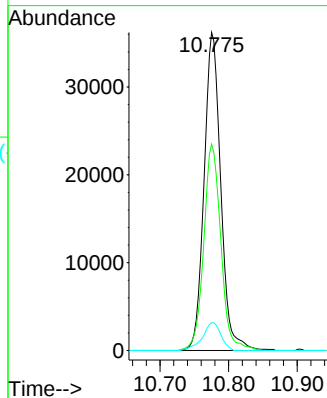
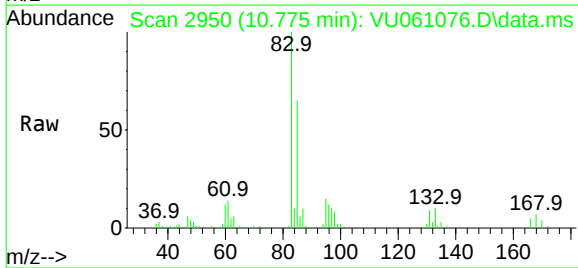
Instrument :

MSVOA_U

ClientSampleId :

PMW-7D(20240927)MS

Tgt Ion:	83	Resp:	61358
Ion	Ratio	Lower	Upper
83	100		
85	64.9	42.9	79.7
131	8.7	8.4	12.6



#59

Bromoform

Concen: 5.096 ug/L

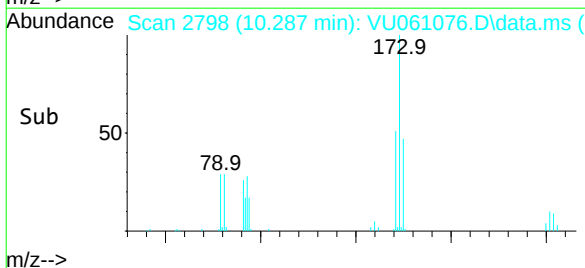
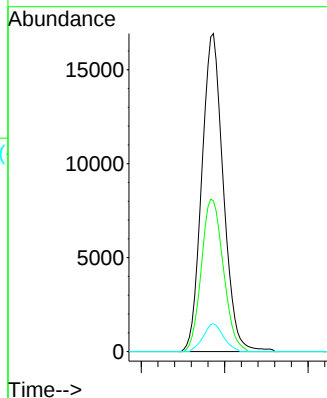
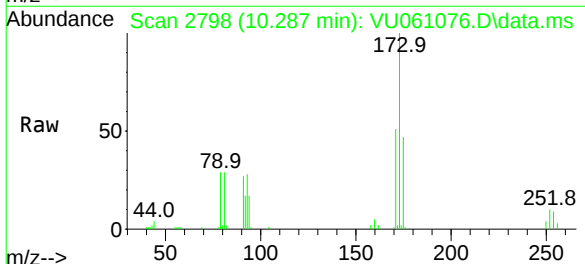
RT: 10.287 min Scan# 2798

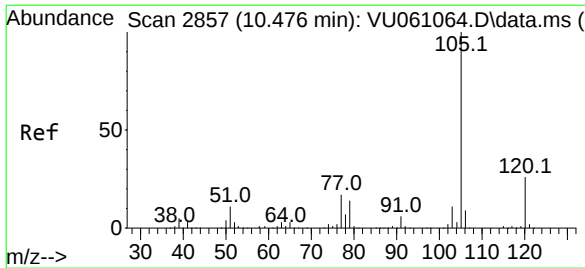
Delta R.T. 0.003 min

Lab File: VU061076.D

Acq: 02 Oct 2024 15:10

Tgt Ion:	173	Resp:	30308
Ion	Ratio	Lower	Upper
173	100		
175	48.8	39.1	58.7
254	8.2	8.7	13.1#

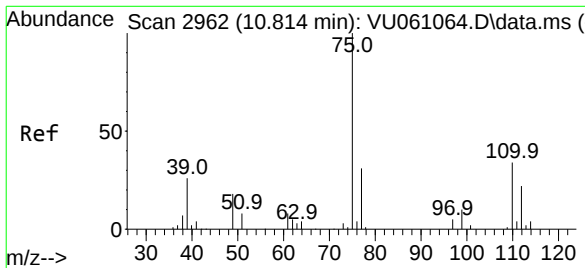
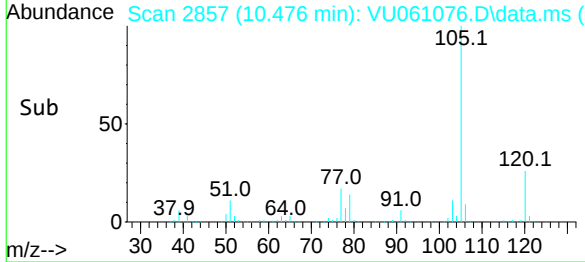
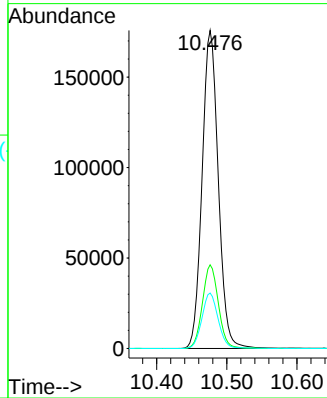
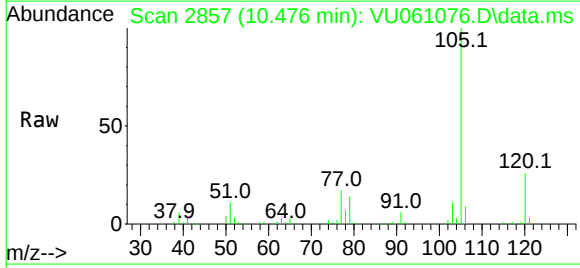




#60
Isopropylbenzene
Concen: 4.852 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU061076.D
Acq: 02 Oct 2024 15:10

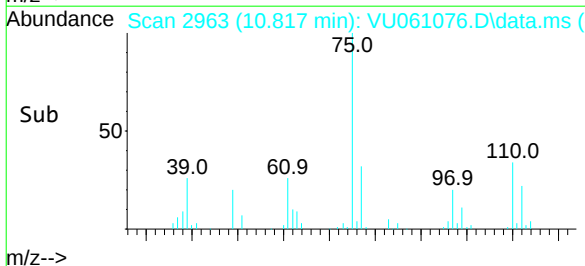
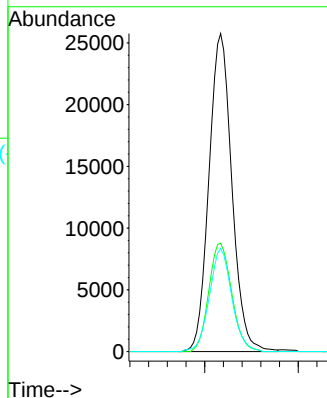
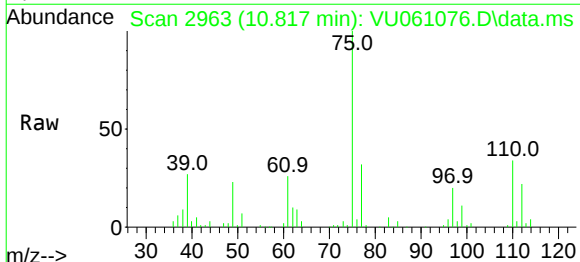
Instrument :
MSVOA_U
ClientSampleId :
PMW-7D(20240927)MS

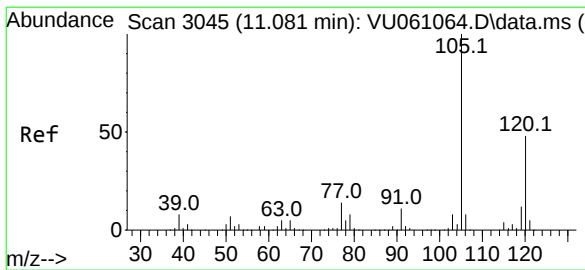
Tgt Ion:	105	Resp:	281188
Ion	Ratio	Lower	Upper
105	100		
120	25.9	21.5	32.3
77	17.6	12.6	18.8



#61
1,2,3-Trichloropropane
Concen: 5.146 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU061076.D
Acq: 02 Oct 2024 15:10

Tgt Ion:	75	Resp:	43805
Ion	Ratio	Lower	Upper
75	100		
110	34.0	28.6	43.0
77	31.9	26.3	39.5

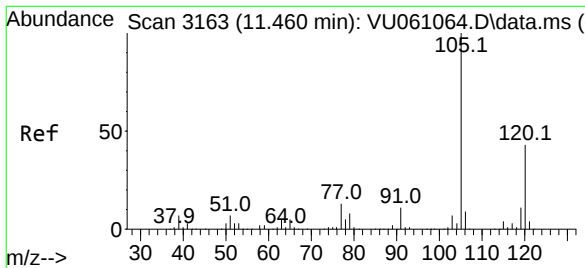
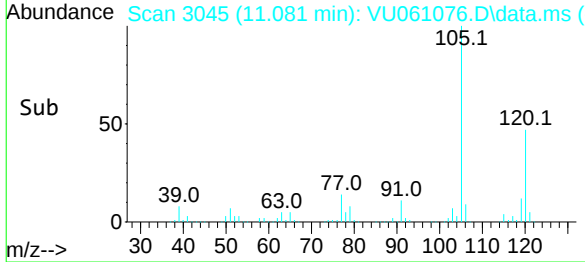
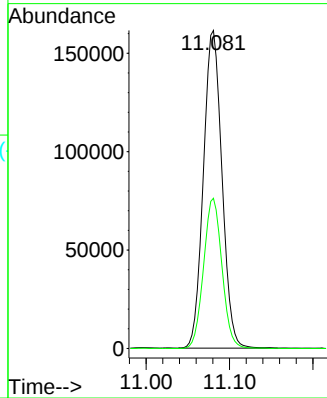
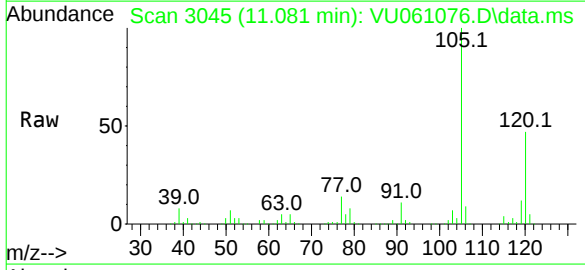




#62
1,3,5-Trimethylbenzene
Concen: 4.886 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU061076.D
Acq: 02 Oct 2024 15:10

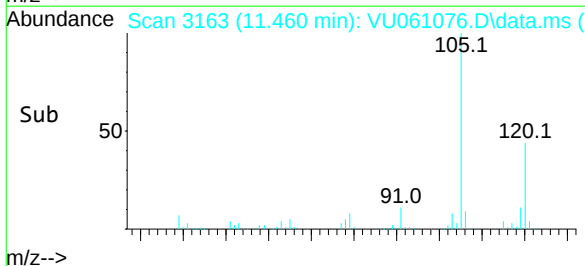
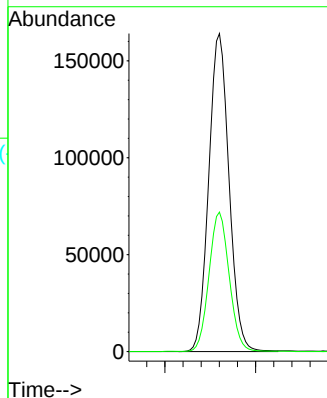
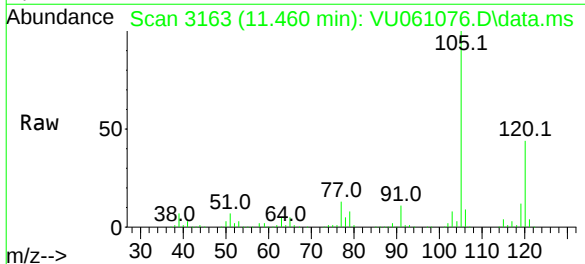
Instrument :
MSVOA_U
ClientSampleId :
PMW-7D(20240927)MS

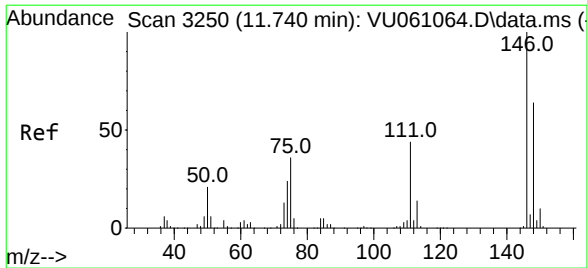
Tgt Ion:105 Resp: 249530
Ion Ratio Lower Upper
105 100
120 46.9 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 4.938 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU061076.D
Acq: 02 Oct 2024 15:10

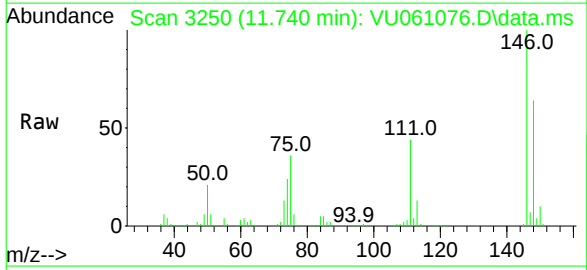
Tgt Ion:105 Resp: 254559
Ion Ratio Lower Upper
105 100
120 43.5 36.1 54.1



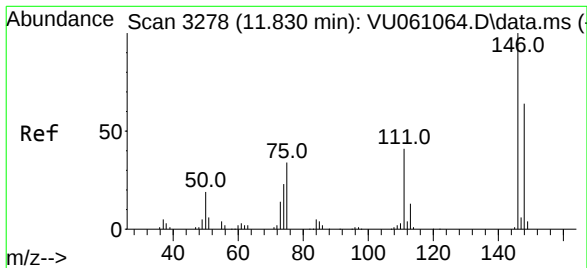
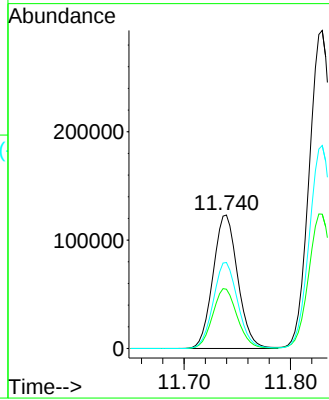
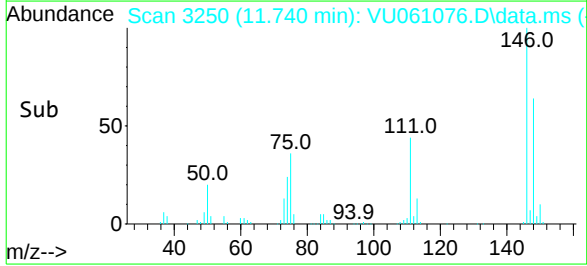


#64
1,3-Dichlorobenzene
Concen: 8.015 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VU061076.D
Acq: 02 Oct 2024 15:10

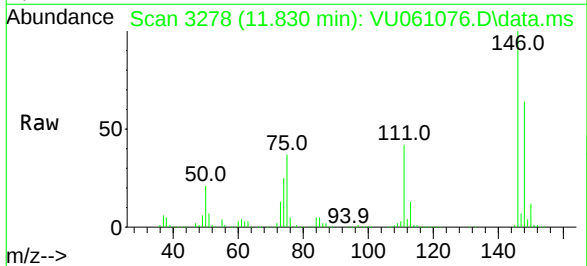
Instrument :
MSVOA_U
ClientSampleId :
PMW-7D(20240927)MS



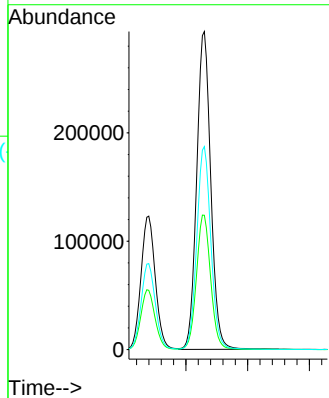
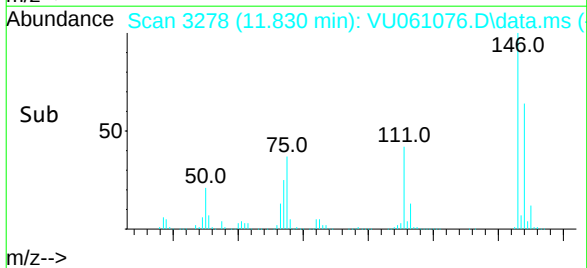
Tgt Ion:146 Resp: 199082
Ion Ratio Lower Upper
146 100
111 44.4 27.5 51.1
148 64.4 43.7 81.1

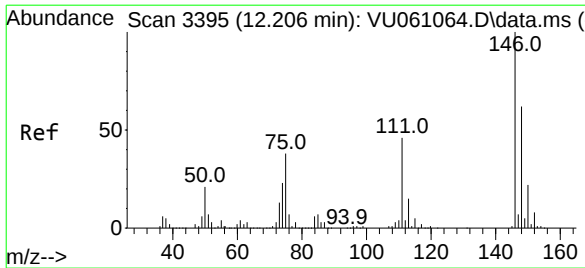


#65
1,4-Dichlorobenzene
Concen: 18.926 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU061076.D
Acq: 02 Oct 2024 15:10



Tgt Ion:146 Resp: 464700
Ion Ratio Lower Upper
146 100
111 42.2 26.3 48.9
148 63.8 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.335 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU061076.D

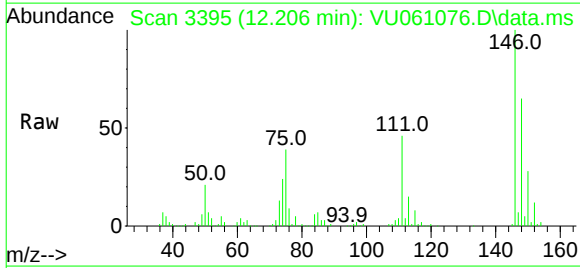
Acq: 02 Oct 2024 15:10

Instrument :

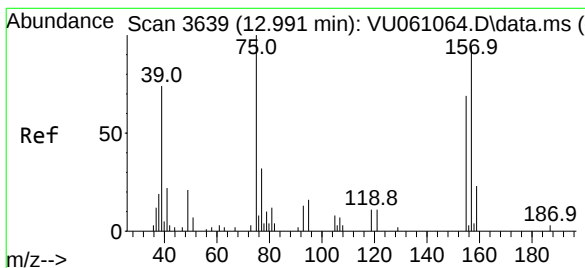
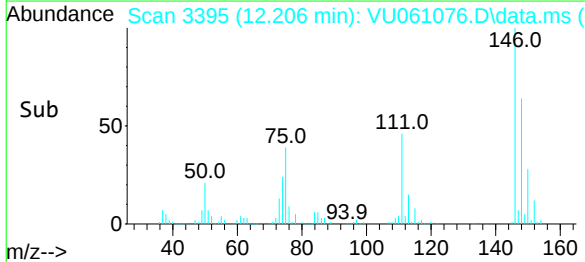
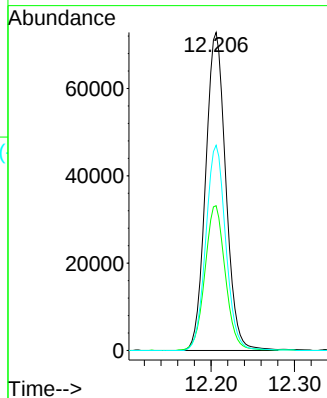
MSVOA_U

ClientSampleId :

PMW-7D(20240927)MS



Tgt Ion:	146	Resp:	122477
Ion Ratio	Lower	Upper	
146	100		
111	45.5	33.4	50.0
148	64.5	50.9	76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 5.142 ug/L

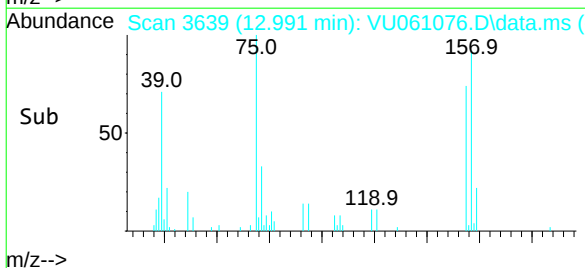
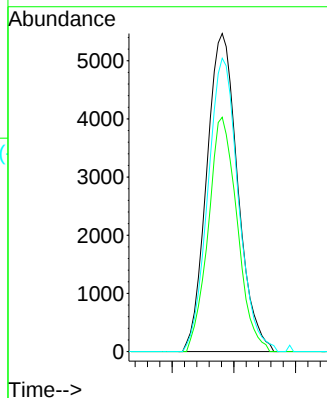
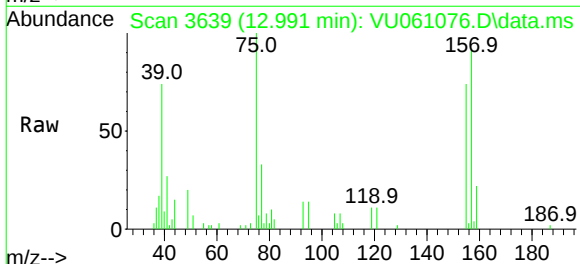
RT: 12.991 min Scan# 3639

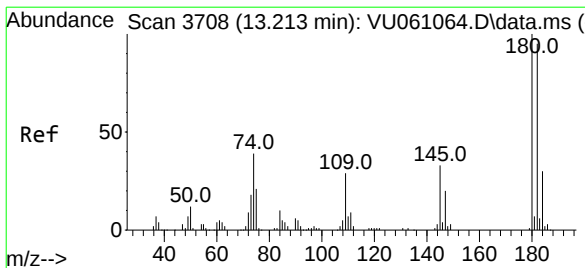
Delta R.T. -0.000 min

Lab File: VU061076.D

Acq: 02 Oct 2024 15:10

Tgt Ion:	75	Resp:	9545
Ion Ratio	Lower	Upper	
75	100		
155	73.7	73.1	109.7
157	92.2	91.0	136.4





#69

1,3,5-Trichlorobenzene

Concen: 5.138 ug/L

RT: 13.212 min Scan# 3708

Delta R.T. -0.000 min

Lab File: VU061076.D

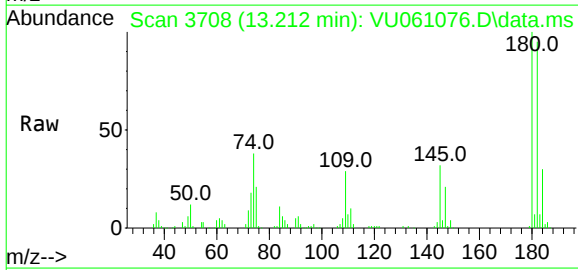
Acq: 02 Oct 2024 15:10

Instrument :

MSVOA_U

ClientSampleId :

PMW-7D(20240927)MS



Tgt Ion:180 Resp: 89853

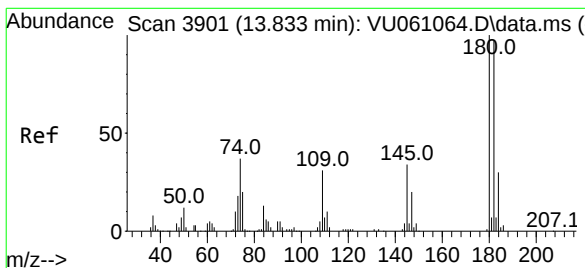
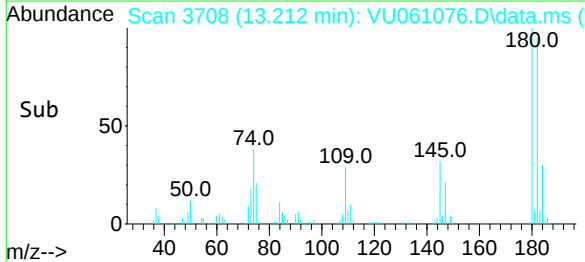
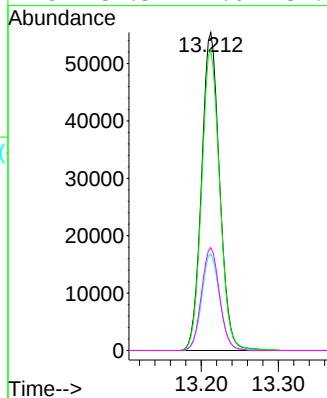
Ion Ratio Lower Upper

180 100

182 94.7 74.5 111.7

184 30.3 23.2 34.8

145 32.3 21.6 32.4



#70

1,2,4-trichlorobenzene

Concen: 5.579 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU061076.D

Acq: 02 Oct 2024 15:10

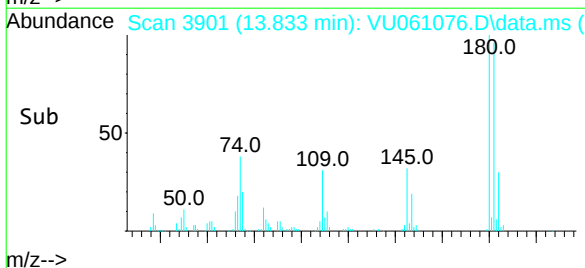
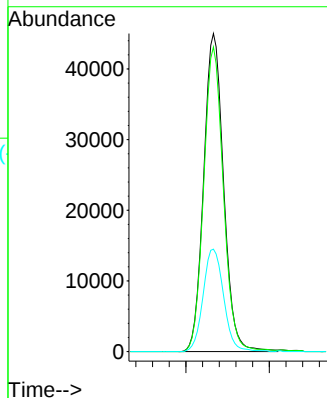
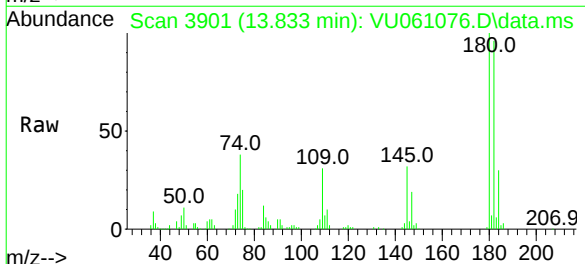
Tgt Ion:180 Resp: 74768

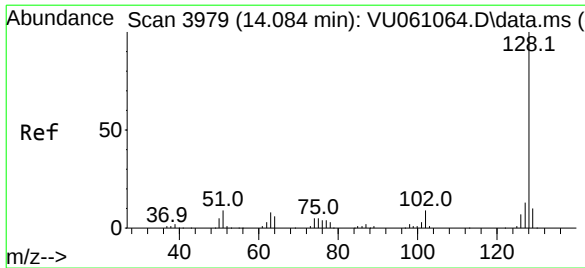
Ion Ratio Lower Upper

180 100

182 94.5 77.4 116.2

145 33.1 22.9 34.3





#71

Naphthalene

Concen: 5.236 ug/L

RT: 14.081 min Scan# 39

Delta R.T. -0.003 min

Lab File: VU061076.D

Acq: 02 Oct 2024 15:10

Instrument :

MSVOA_U

ClientSampleId :

PMW-7D(20240927)MS

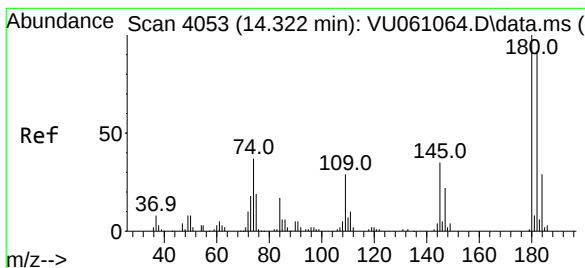
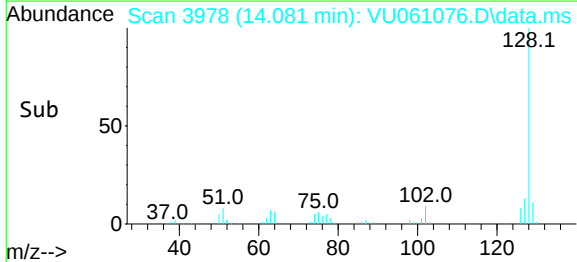
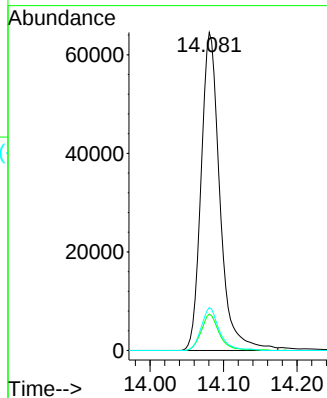
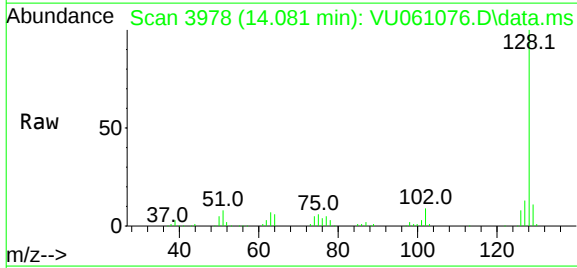
Tgt Ion:128 Resp: 114646

Ion Ratio Lower Upper

128 100

129 10.9 8.3 12.5

127 13.0 10.7 16.1



#72

1,2,3-Trichlorobenzene

Concen: 5.283 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.000 min

Lab File: VU061076.D

Acq: 02 Oct 2024 15:10

Tgt Ion:180 Resp: 58927

Ion Ratio Lower Upper

180 100

182 92.9 75.7 113.5

145 34.4 23.5 35.3

