

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 :

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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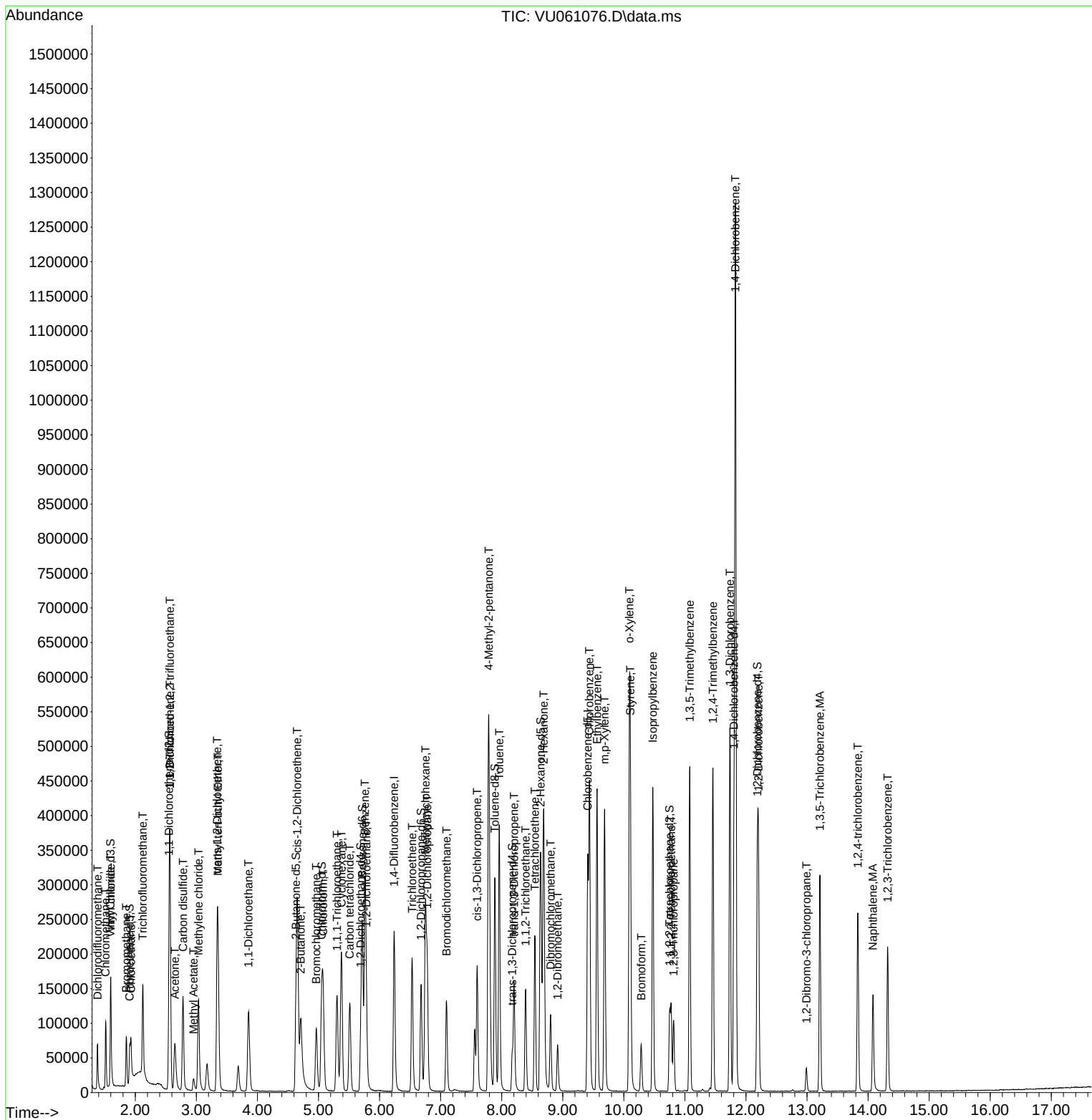
Instrument :
 MSVOA_U
 ClientSampleId :

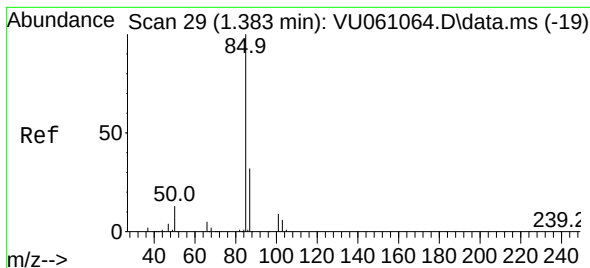
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	78713	5.139	ug/L #	94
29) 1,1,1-Trichloroethane	5.303	97	100959	4.977	ug/L	97
30) 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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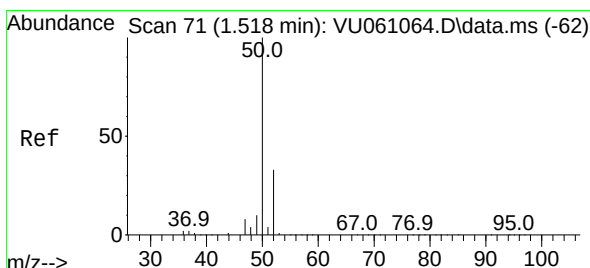
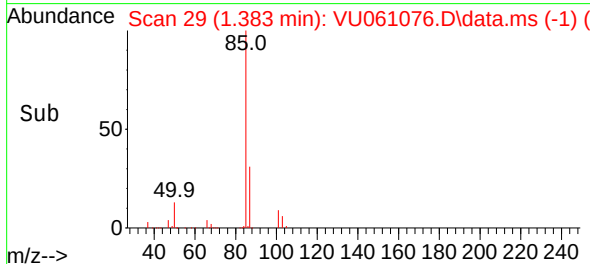
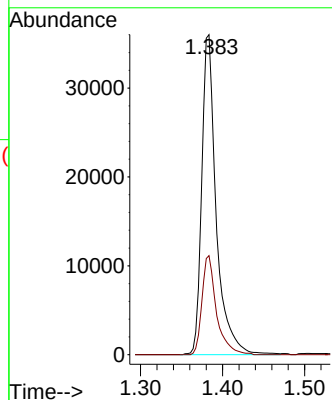
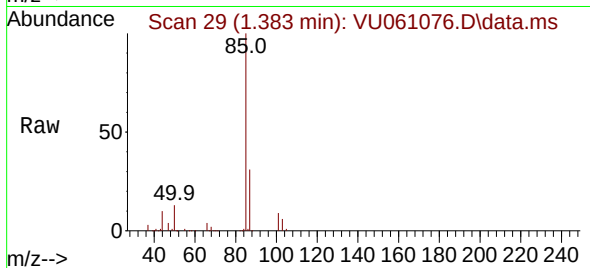




#2
 Dichlorodifluoromethane
 Concen: 4.808 ug/L
 RT: 1.383 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VU061076.D
 Acq: 02 Oct 2024 15:10

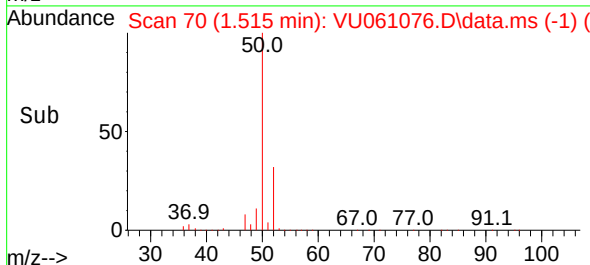
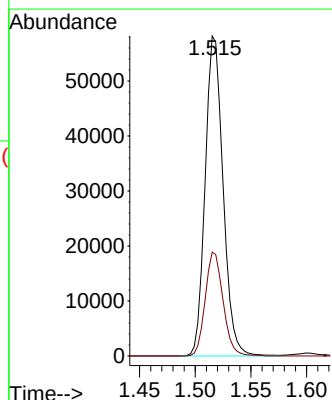
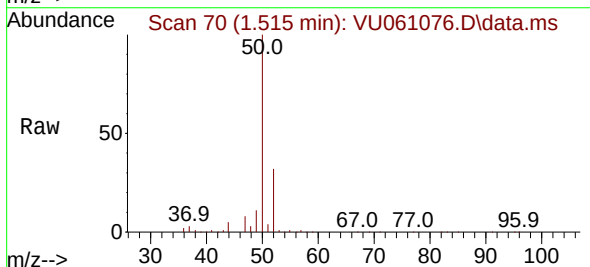
Instrument :
 MSVOA_U
 ClientSampleId :

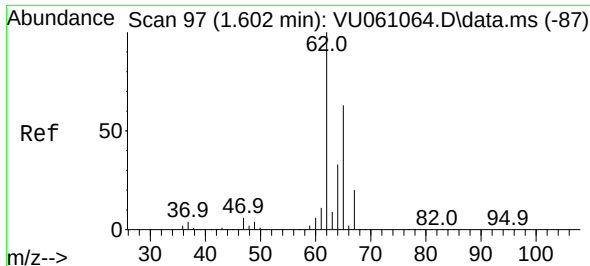
Tgt Ion: 85 Resp: 44160
 Ion Ratio Lower Upper
 85 100
 87 30.9 26.2 39.2



#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

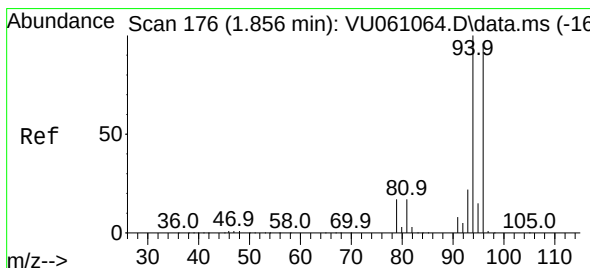
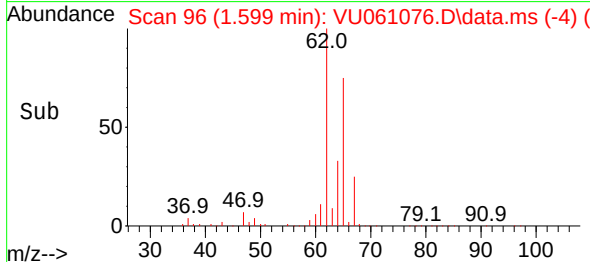
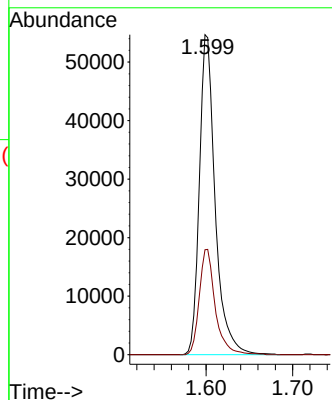
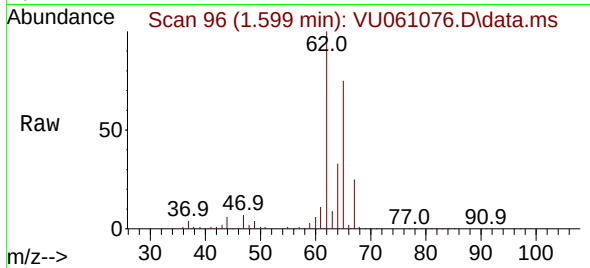




#5
 Vinyl chloride
 Concen: 5.210 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VU061076.D
 Acq: 02 Oct 2024 15:10

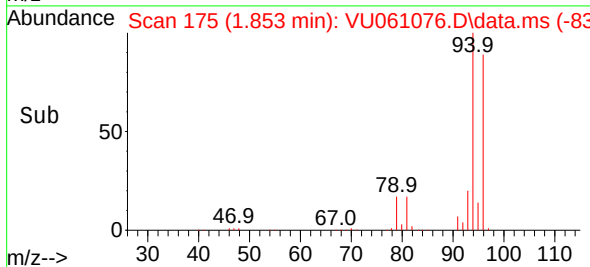
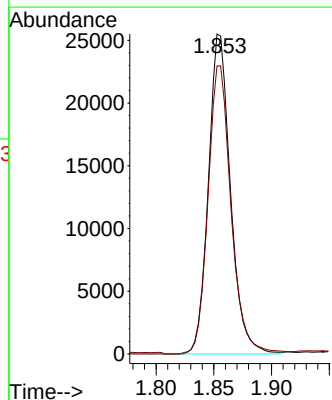
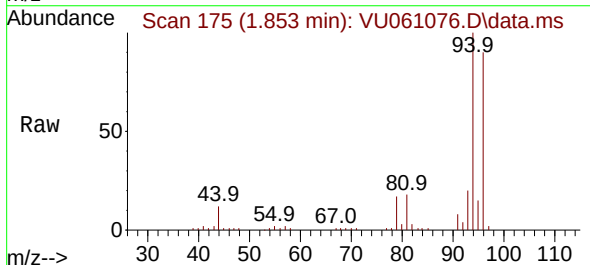
Instrument :
 MSVOA_U
 ClientSampleId :

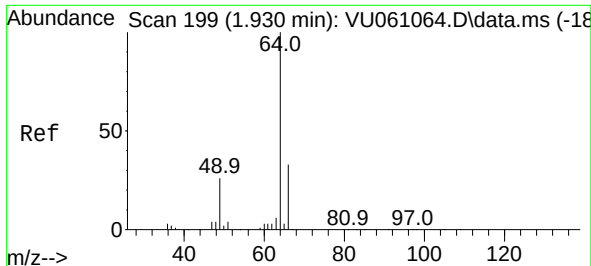
Tgt Ion: 62 Resp: 69378
 Ion Ratio Lower Upper
 62 100
 64 32.8 24.0 44.6



#6
 Bromomethane
 Concen: 4.773 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.003 min
 Lab File: VU061076.D
 Acq: 02 Oct 2024 15:10

Tgt Ion: 94 Resp: 33903
 Ion Ratio Lower Upper
 94 100
 96 90.0 67.3 124.9

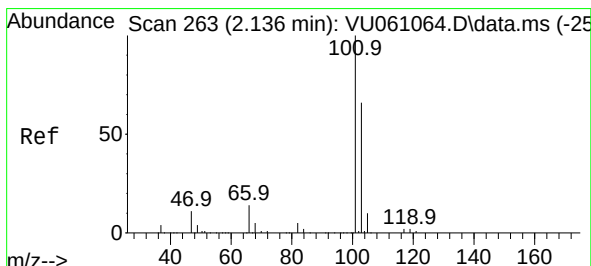
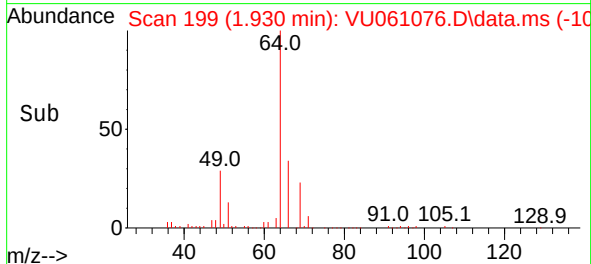
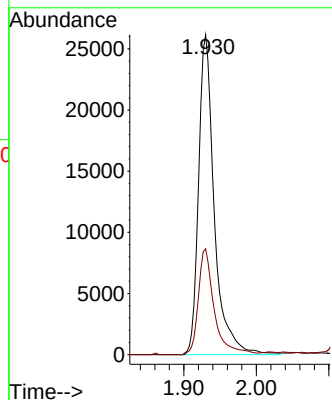
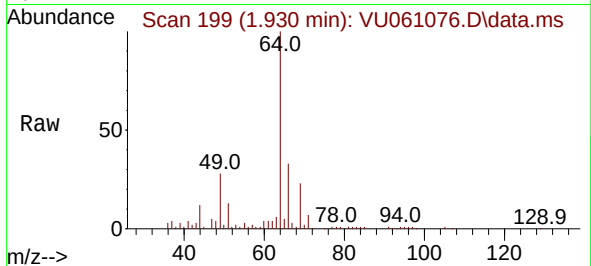




#8
Chloroethane
Concen: 4.875 ug/L
RT: 1.930 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU061076.D
Acq: 02 Oct 2024 15:10

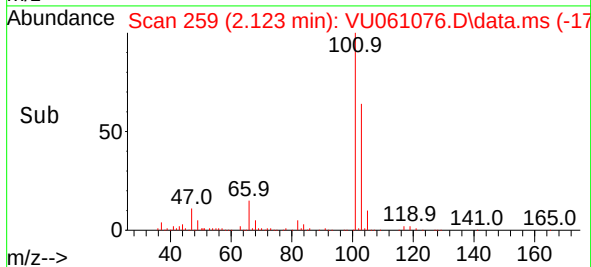
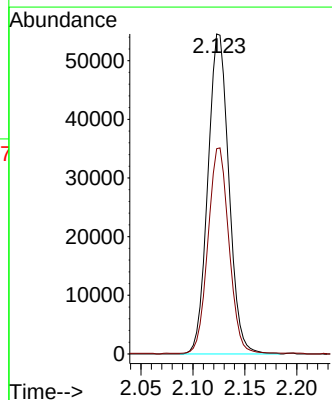
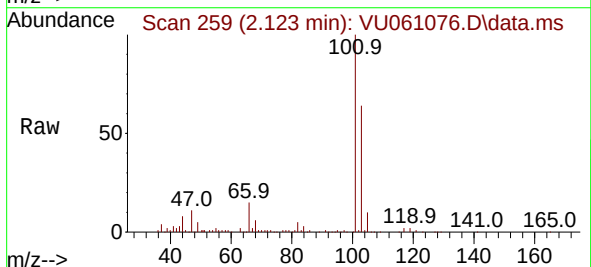
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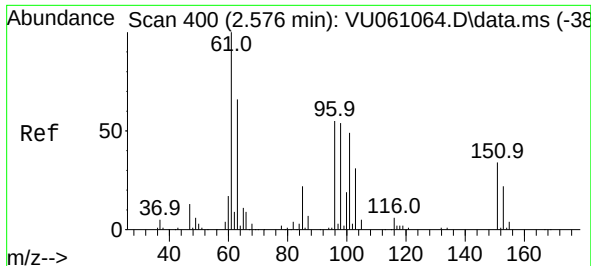
Tgt Ion: 64 Resp: 39376
Ion Ratio Lower Upper
64 100
66 33.1 22.3 41.3



#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

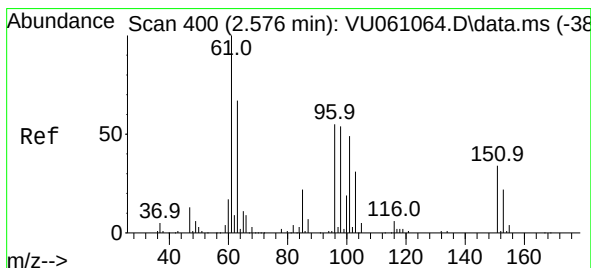
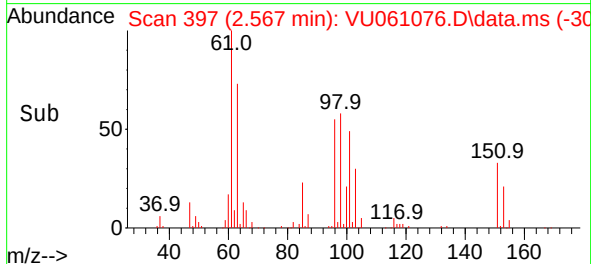
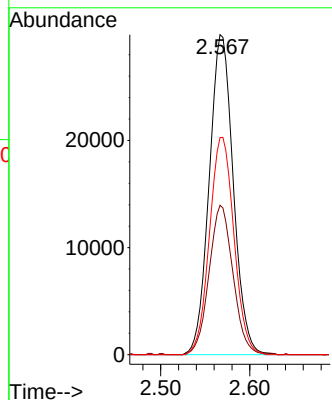
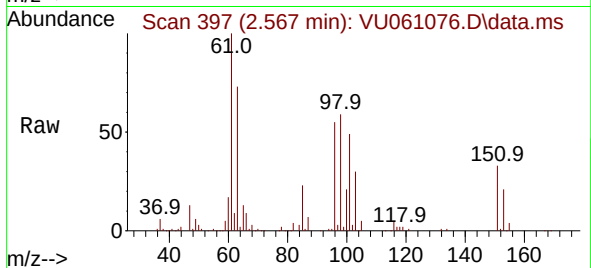
Acq: 02 Oct 2024 15:10

Instrument :

MSVOA_U

ClientSampleId :

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

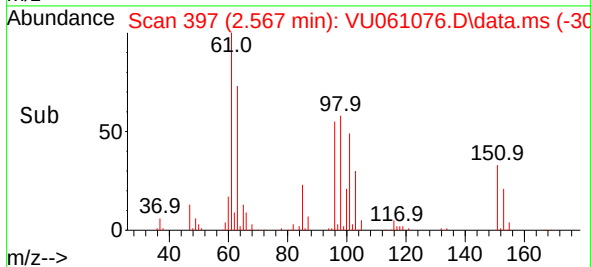
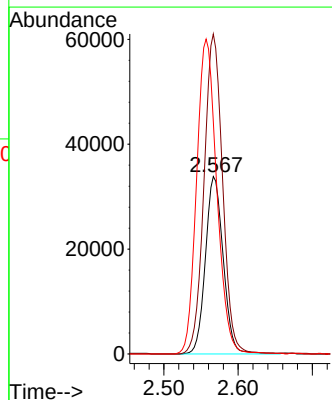
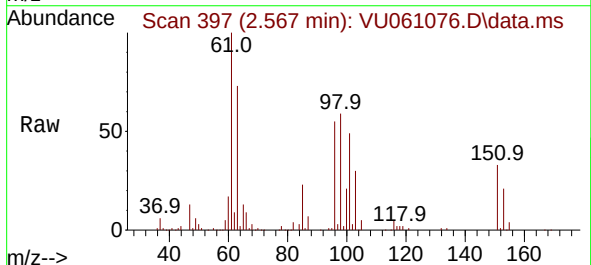
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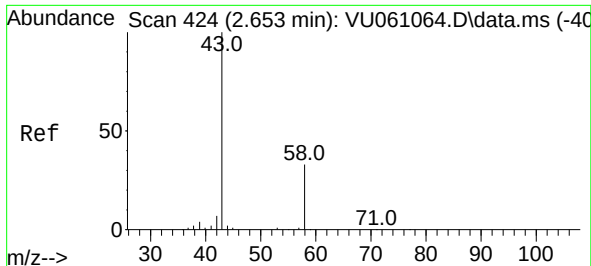
Delta R.T. -0.010 min

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# 41

Delta R.T. -0.003 min

Lab File: VU061076.D

Acq: 02 Oct 2024 15:10

Instrument :

MSVOA_U

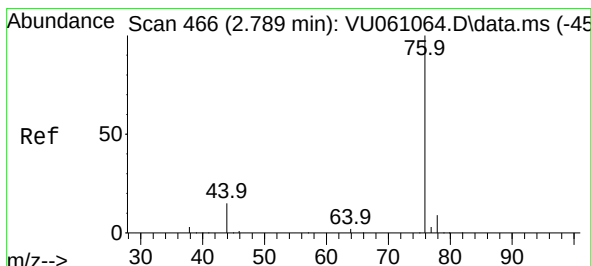
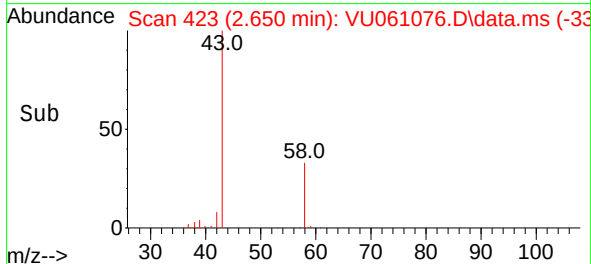
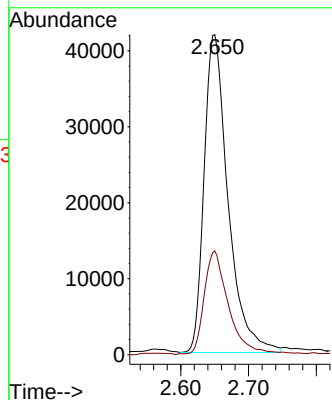
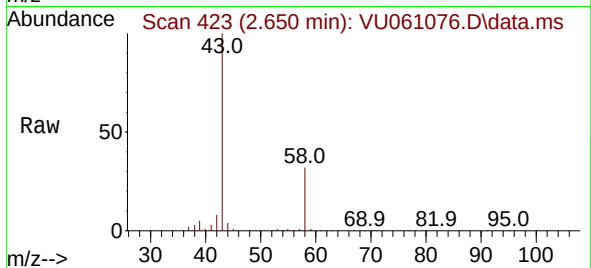
ClientSampleId :

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

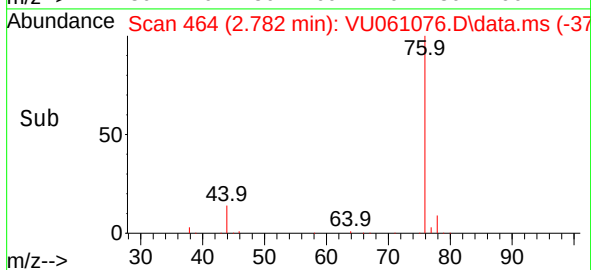
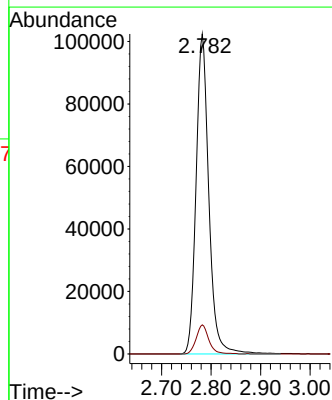
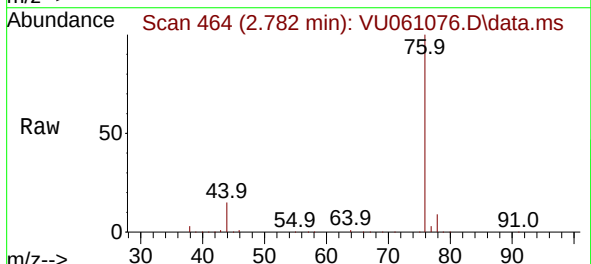
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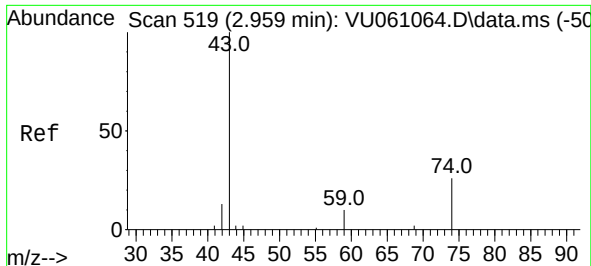
Tgt Ion: 76 Resp: 183794

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

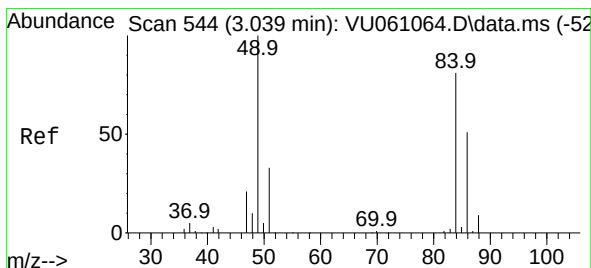
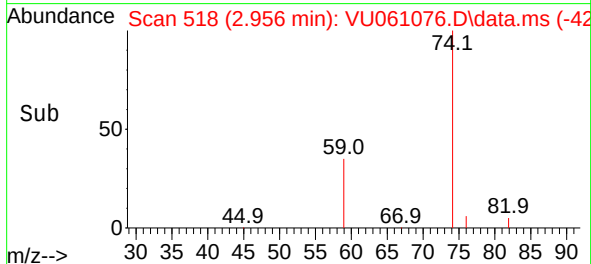
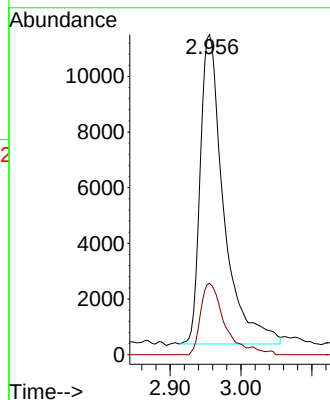
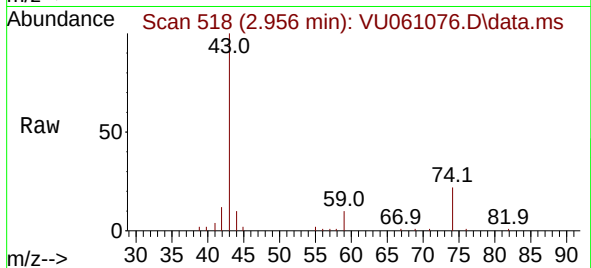
ClientSampleId :

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

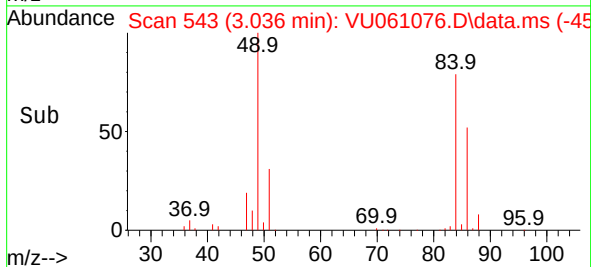
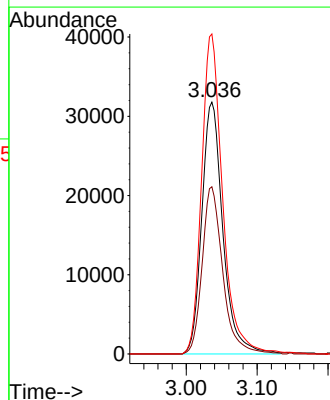
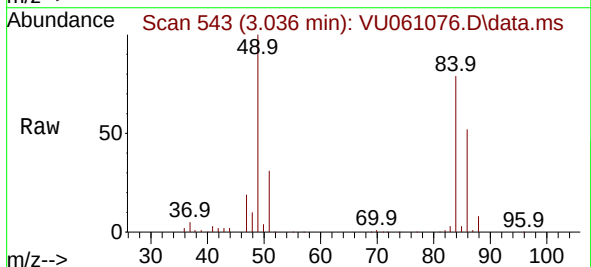
Tgt Ion: 84 Resp: 65761

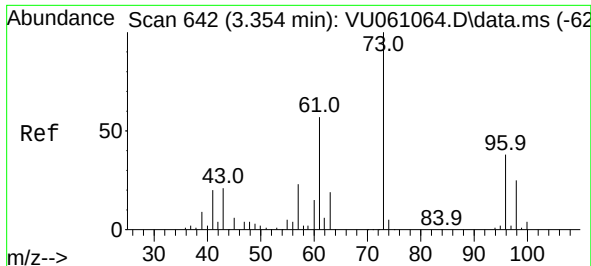
Ion Ratio Lower Upper

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 :

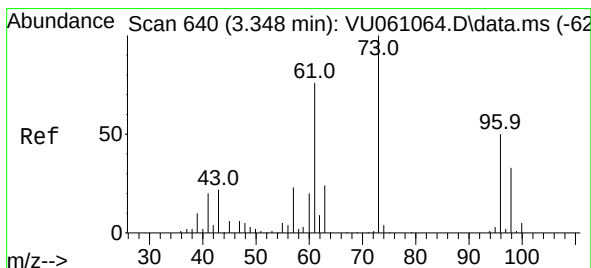
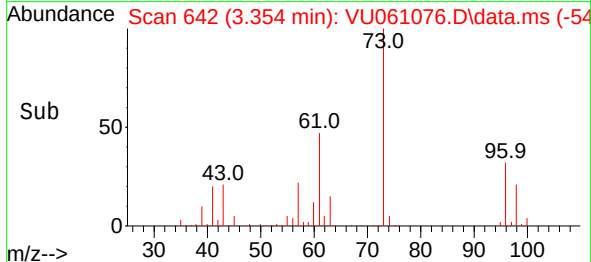
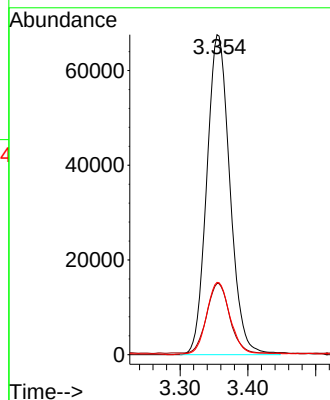
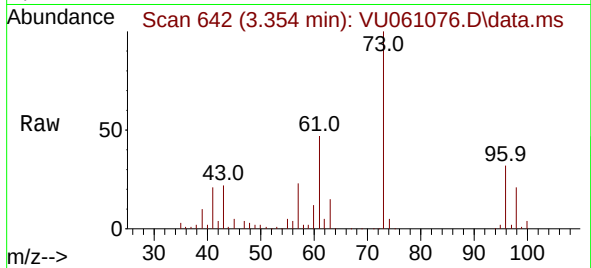
Tgt Ion: 73 Resp: 160208

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

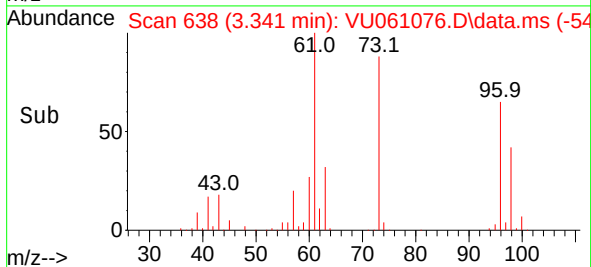
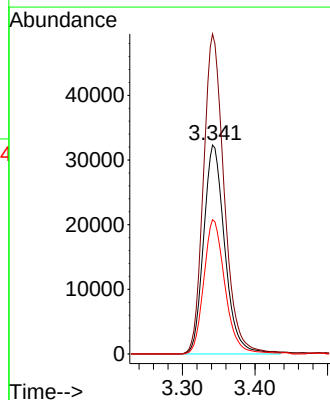
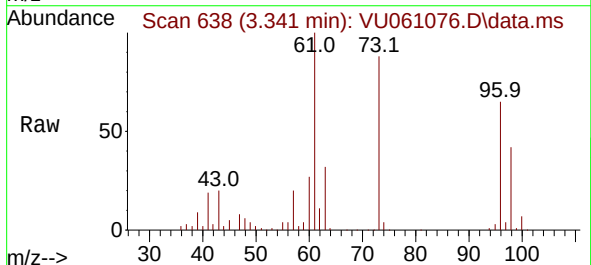
Tgt Ion: 96 Resp: 65595

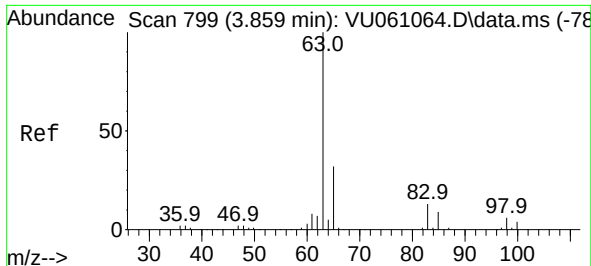
Ion Ratio Lower Upper

96 100

61 153.1 97.2 180.6

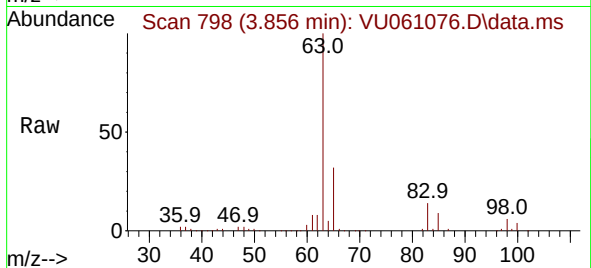
98 64.2 43.3 80.5



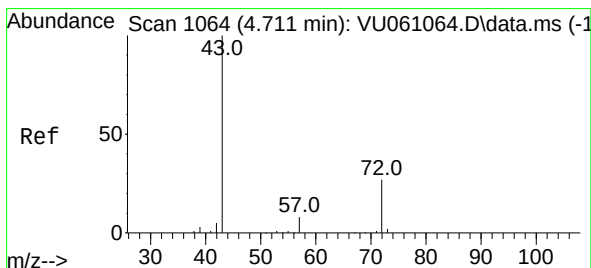
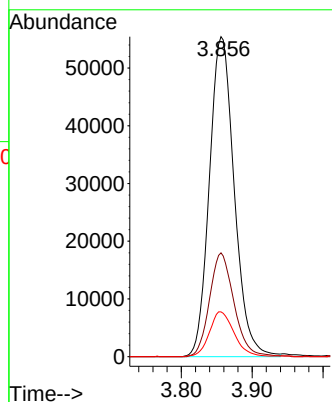
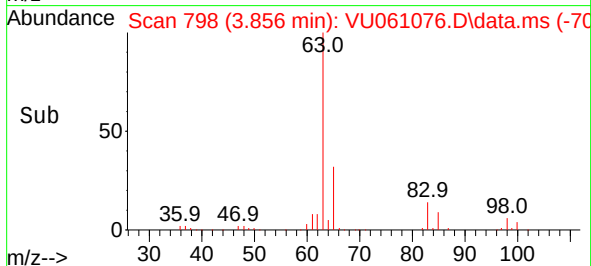


#19
1,1-Dichloroethane
Concen: 5.817 ug/L
RT: 3.856 min Scan# 799
Delta R.T. -0.003 min
Lab File: VU061076.D
Acq: 02 Oct 2024 15:10

Instrument :
MSVOA_U
ClientSampleId :

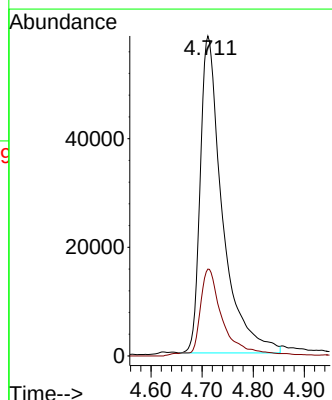
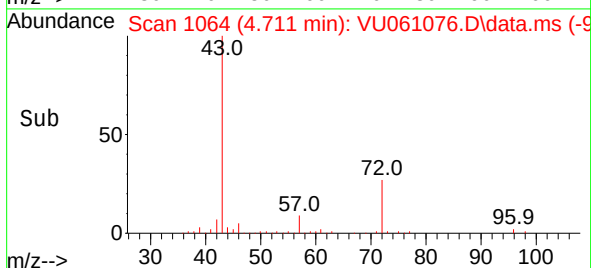
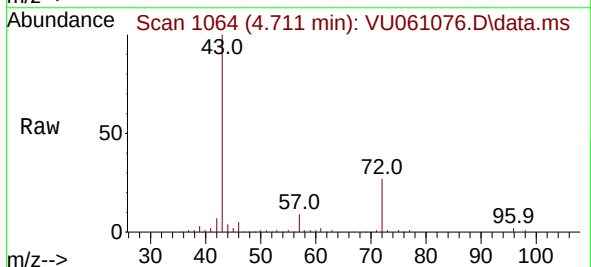


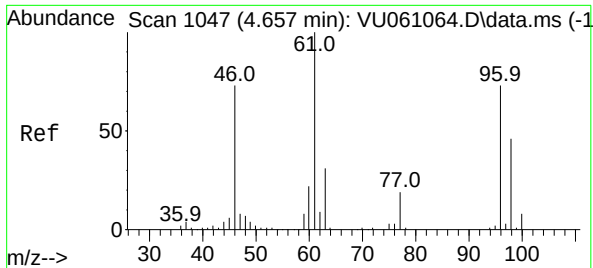
Tgt Ion: 63 Resp: 135029
Ion Ratio Lower Upper
63 100
65 32.4 23.0 42.8
83 14.0 9.0 16.6



#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

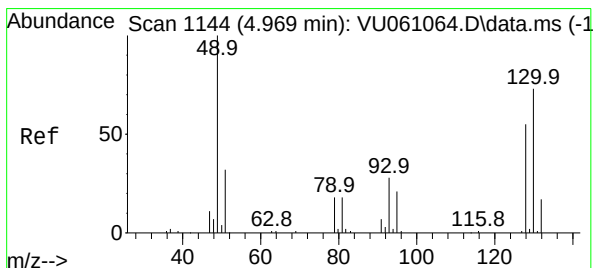
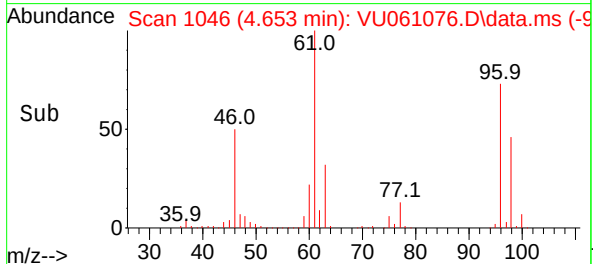
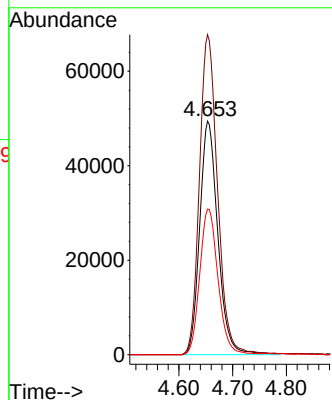
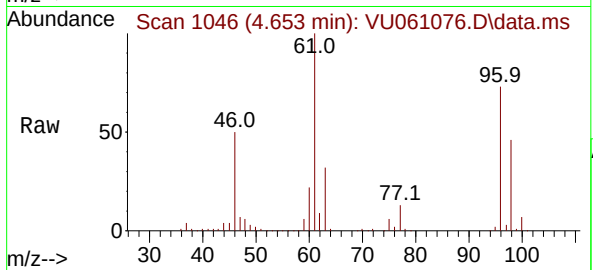




#22
 cis-1,2-Dichloroethene
 Concen: 8.721 ug/L
 RT: 4.653 min Scan# 110
 Delta R.T. -0.003 min
 Lab File: VU061076.D
 Acq: 02 Oct 2024 15:10

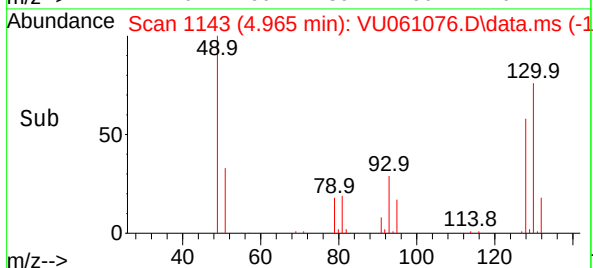
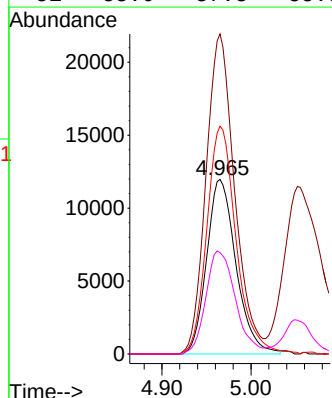
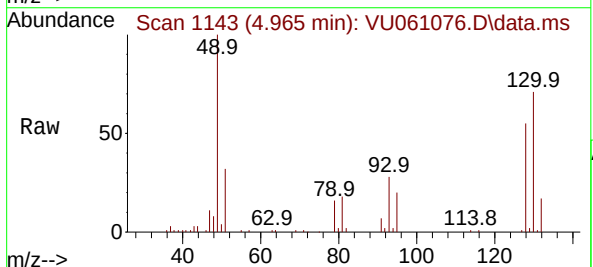
Instrument :
 MSVOA_U
 ClientSampleId :

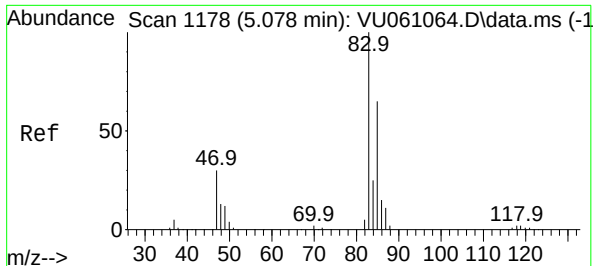
Tgt Ion: 96 Resp: 115854
 Ion Ratio Lower Upper
 96 100
 61 137.0 89.7 166.5
 98 62.4 45.1 83.9



#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

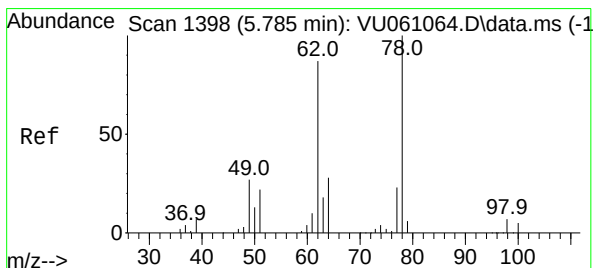
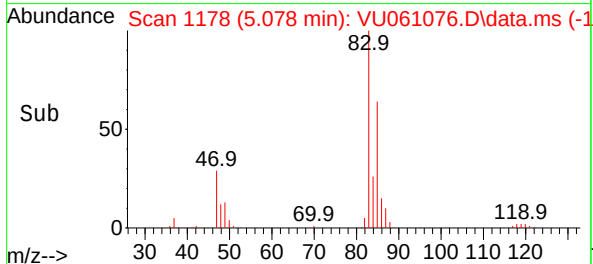
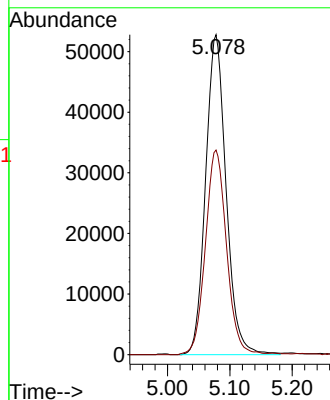
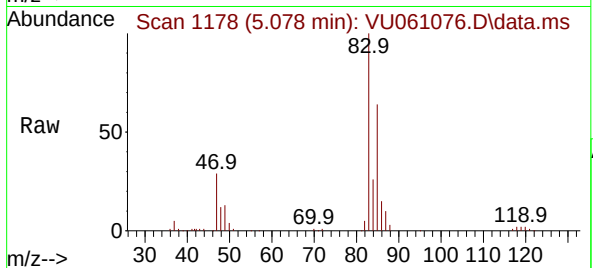
ClientSampleId :

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

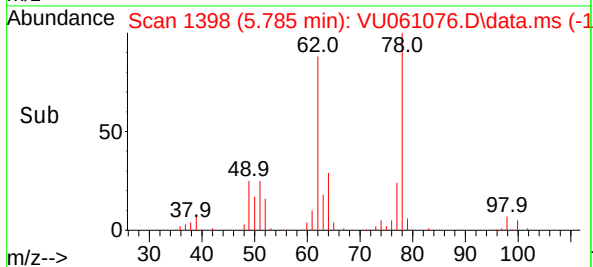
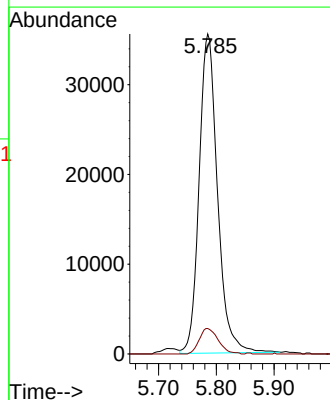
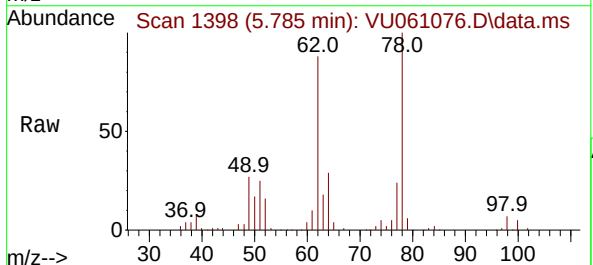
Acq: 02 Oct 2024 15:10

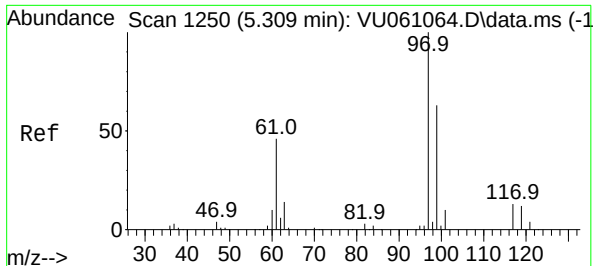
Tgt Ion: 62 Resp: 78713

Ion Ratio Lower Upper

62 100

98 7.9 8.2 12.4#

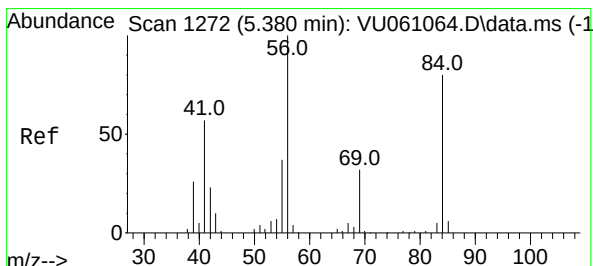
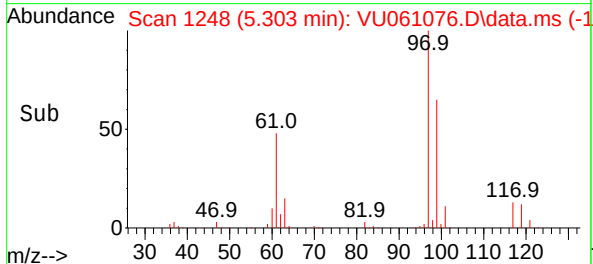
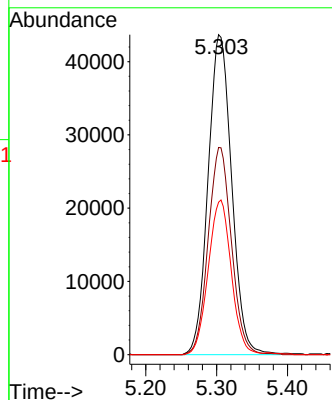
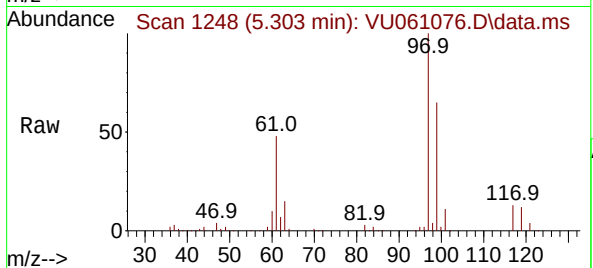




#29
1,1,1-Trichloroethane
Concen: 4.977 ug/L
RT: 5.303 min Scan# 1248
Delta R.T. -0.007 min
Lab File: VU061076.D
Acq: 02 Oct 2024 15:10

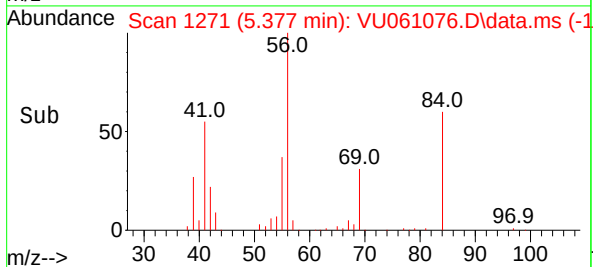
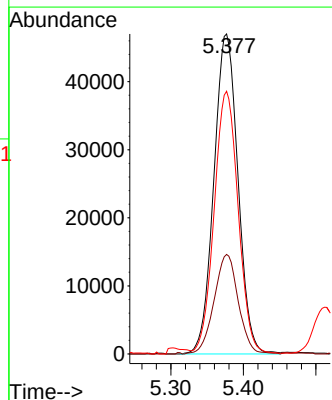
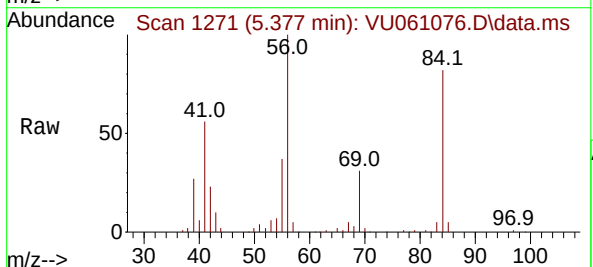
Instrument :
MSVOA_U
ClientSampleId :

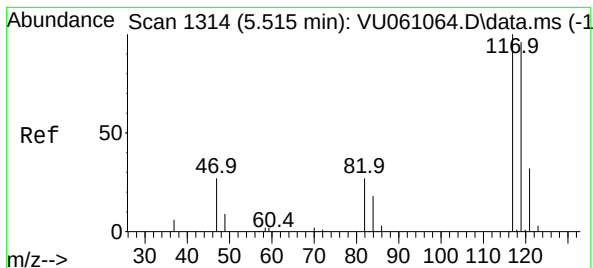
Tgt Ion: 97 Resp: 100959
Ion Ratio Lower Upper
97 100
99 63.9 50.5 75.7
61 47.2 34.4 51.6



#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# 1314

Delta R.T. -0.003 min

Lab File: VU061076.D

Acq: 02 Oct 2024 15:10

Instrument :

MSVOA_U

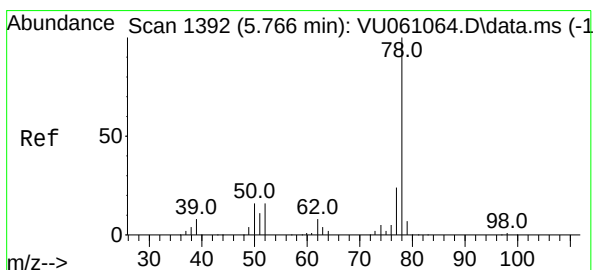
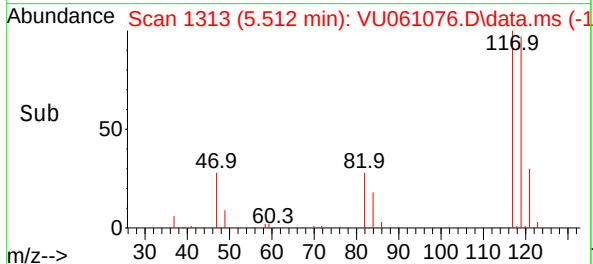
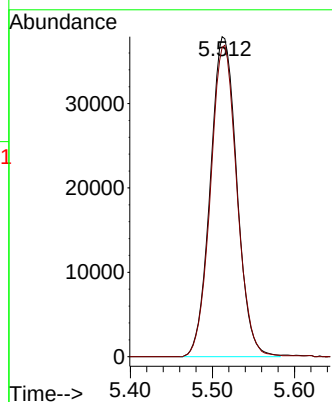
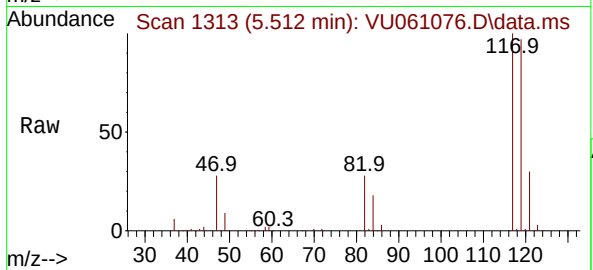
ClientSampleId :

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

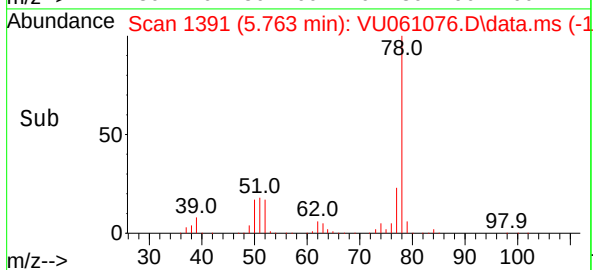
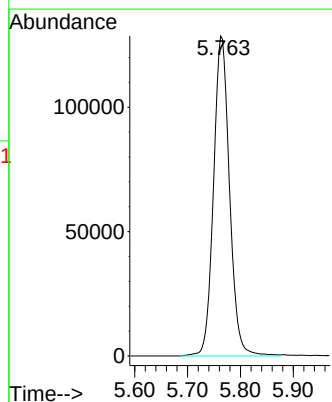
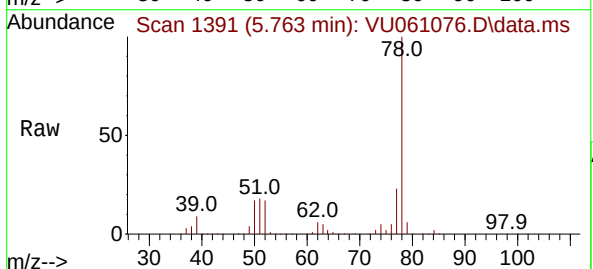
RT: 5.763 min Scan# 1391

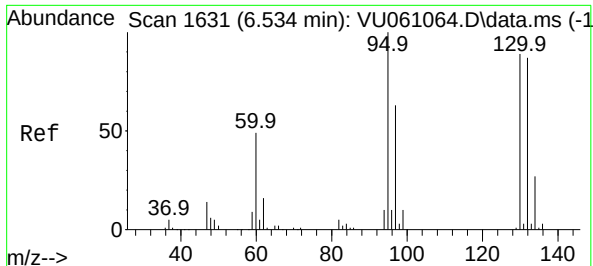
Delta R.T. -0.003 min

Lab File: VU061076.D

Acq: 02 Oct 2024 15:10

Tgt Ion: 78 Resp: 270588

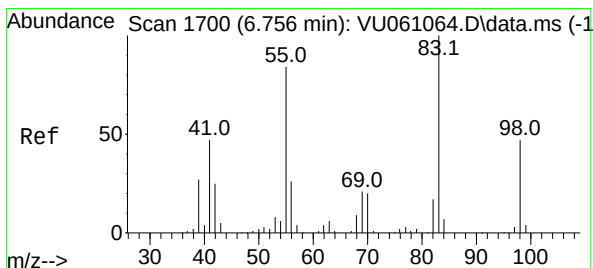
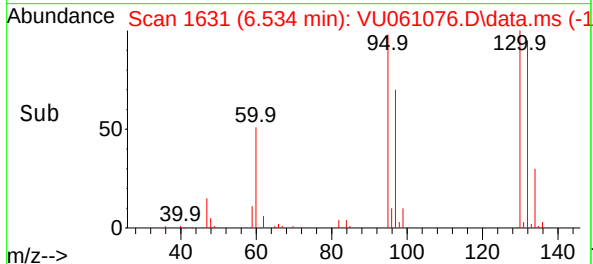
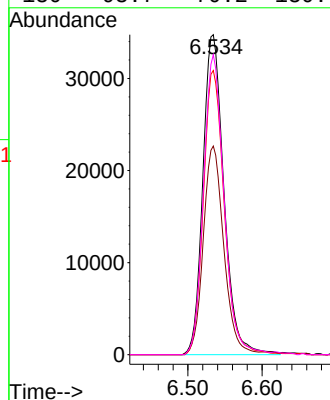
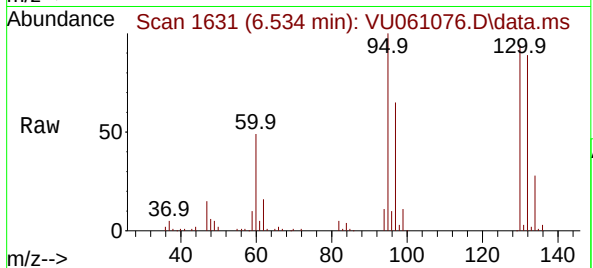




#34
Trichloroethene
Concen: 4.890 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU061076.D
Acq: 02 Oct 2024 15:10

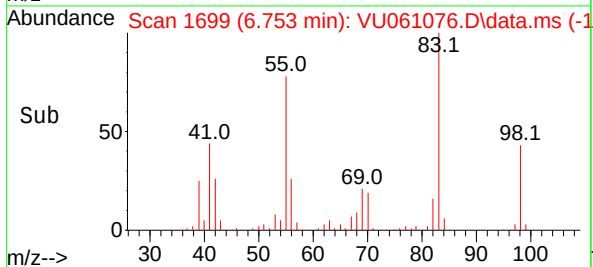
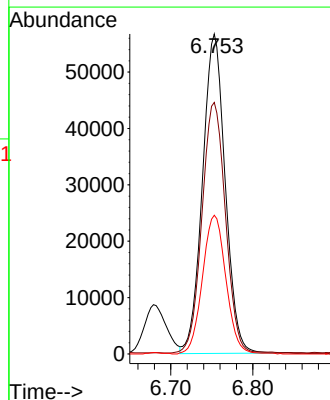
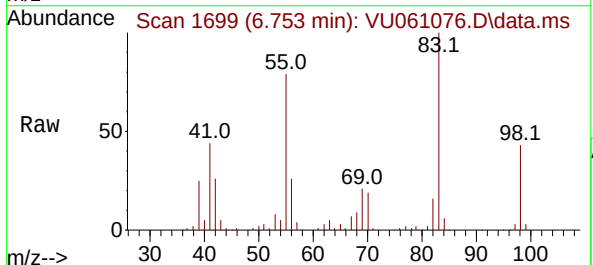
Instrument :
MSVOA_U
ClientSampleId :

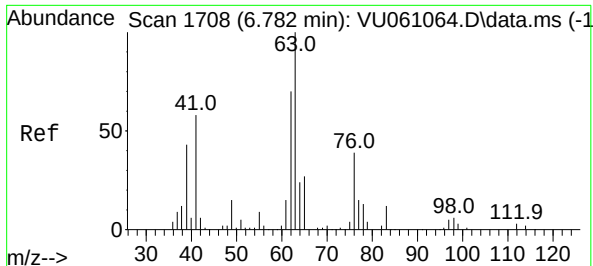
Tgt Ion: 95 Resp: 68499
Ion Ratio Lower Upper
95 100
97 65.2 44.9 83.5
132 88.8 63.5 117.9
130 93.7 70.2 130.4



#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

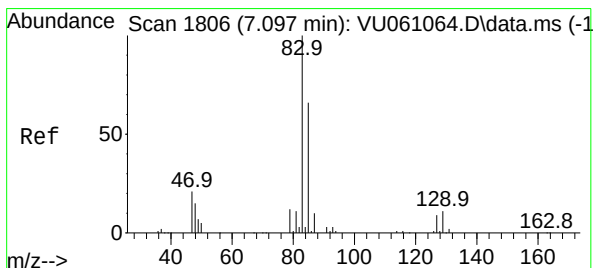
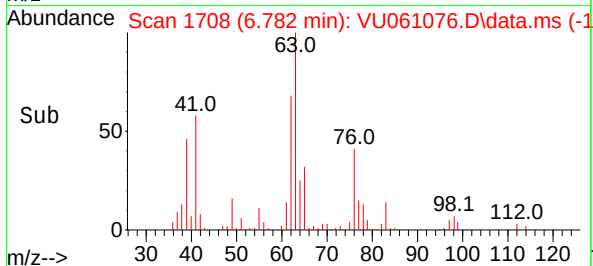
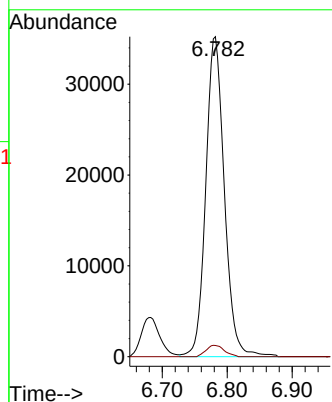
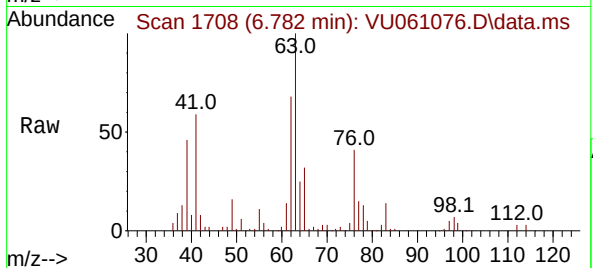




#37
1,2-Dichloropropane
Concen: 5.144 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU061076.D
Acq: 02 Oct 2024 15:10

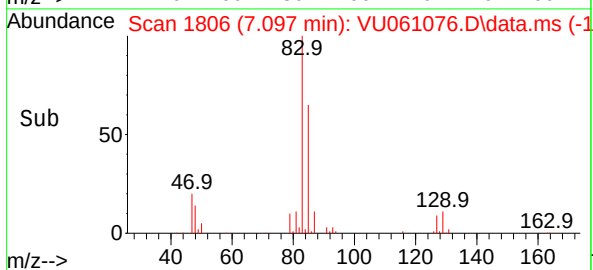
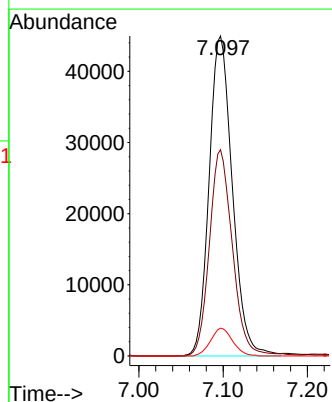
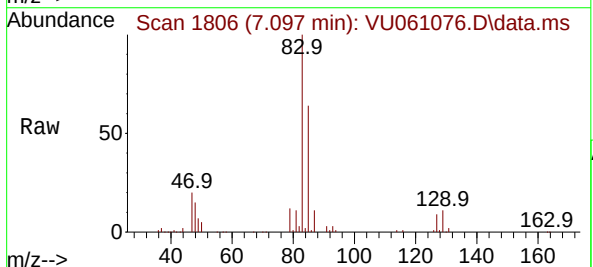
Instrument :
MSVOA_U
ClientSampleId :

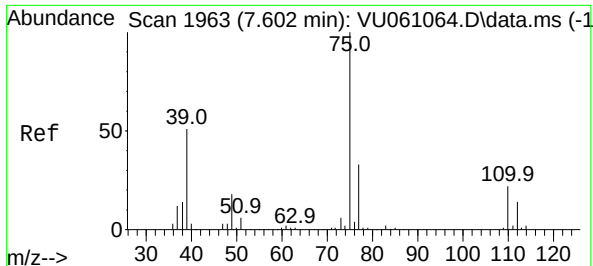
Tgt Ion: 63 Resp: 70040
Ion Ratio Lower Upper
63 100
112 3.5 2.0 3.0#



#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

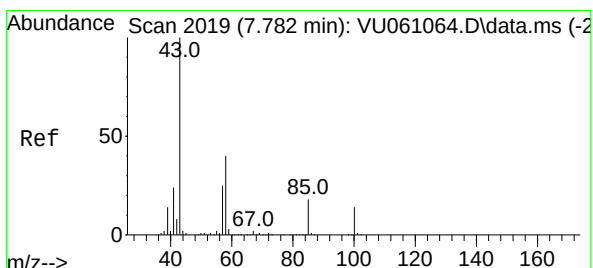
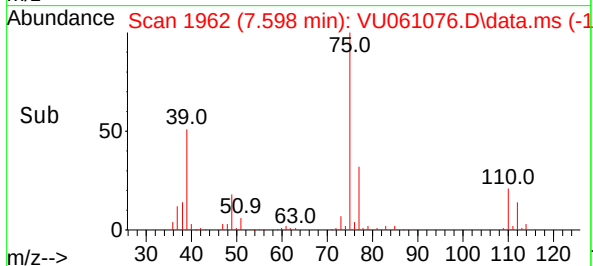
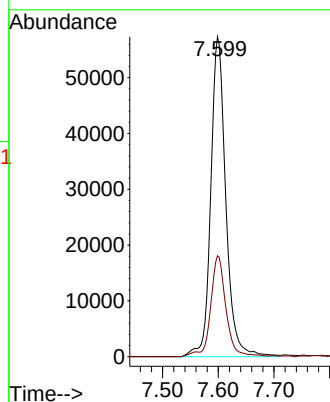
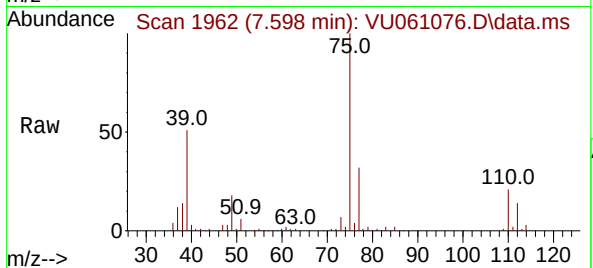




#39
 cis-1,3-Dichloropropene
 Concen: 5.039 ug/L
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.003 min
 Lab File: VU061076.D
 Acq: 02 Oct 2024 15:10

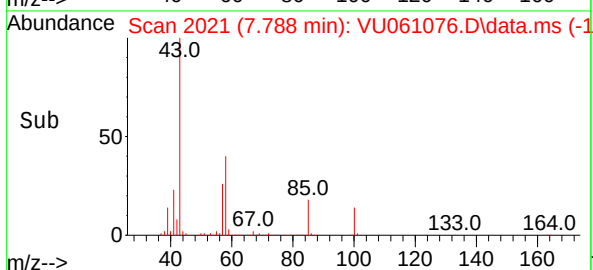
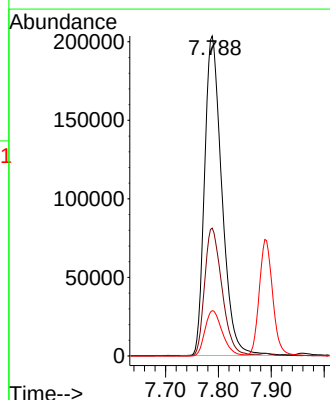
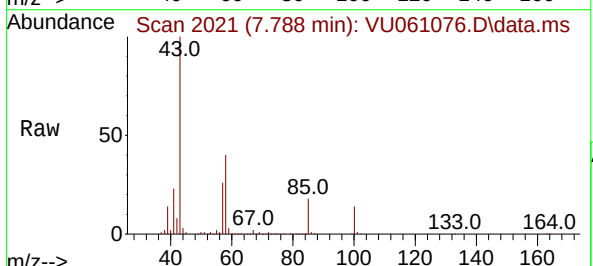
Instrument :
 MSVOA_U
 ClientSampleId :

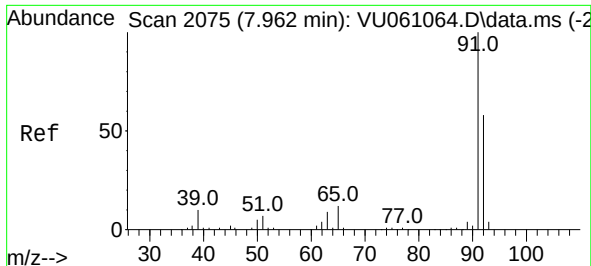
Tgt Ion: 75 Resp: 107595
 Ion Ratio Lower Upper
 75 100
 77 31.6 21.3 39.5



#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

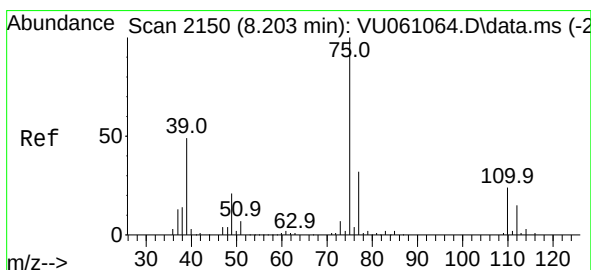
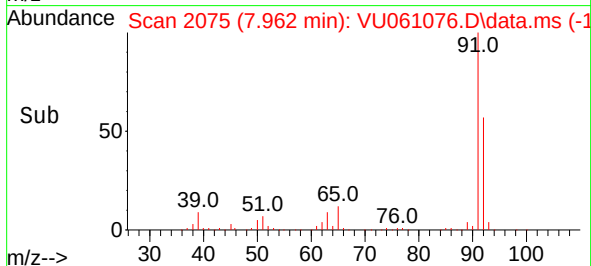
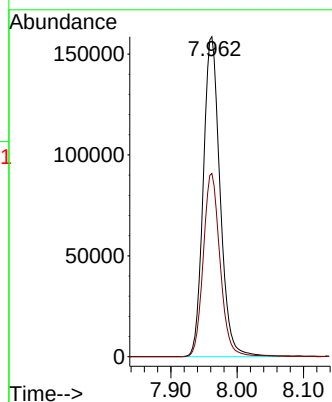
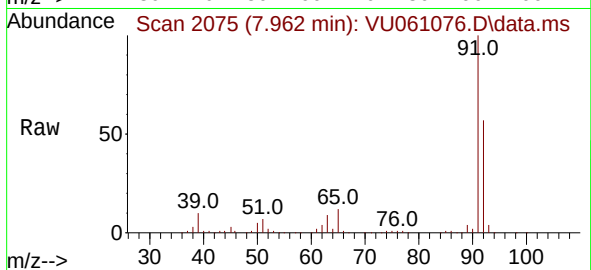
ClientSampleId :

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

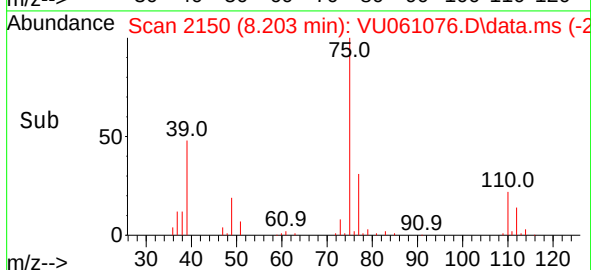
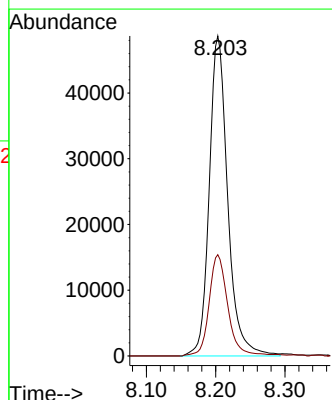
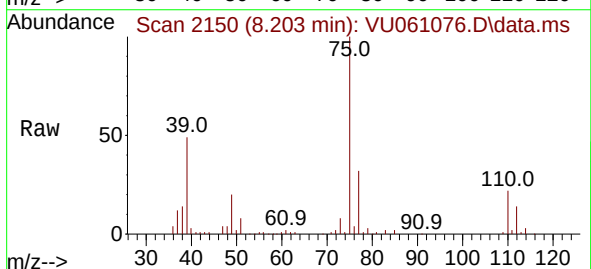
Acq: 02 Oct 2024 15:10

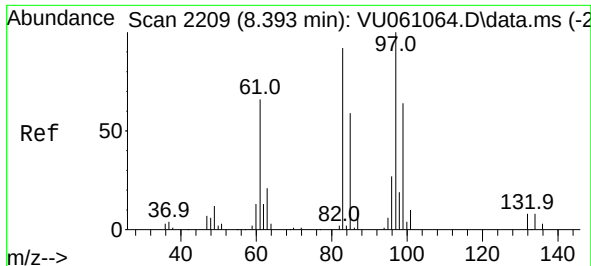
Tgt Ion: 75 Resp: 89932

Ion Ratio Lower Upper

75 100

77 31.6 23.1 42.9

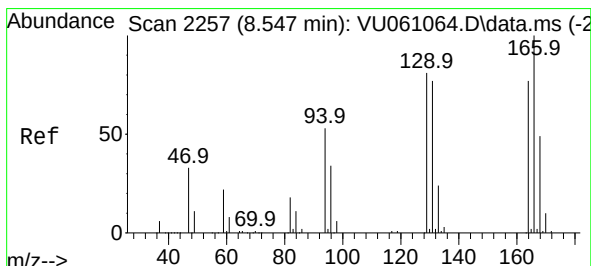
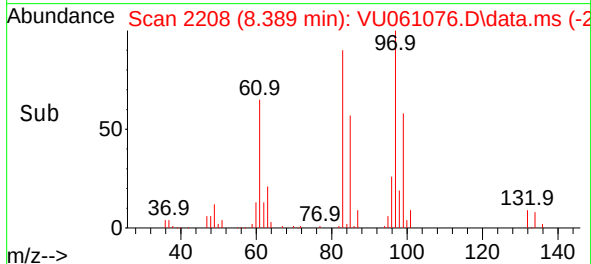
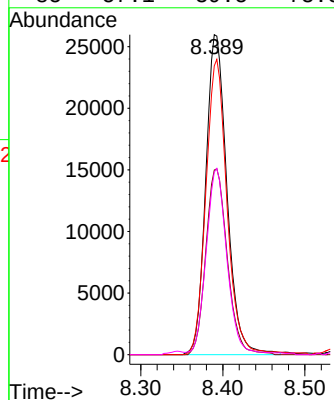
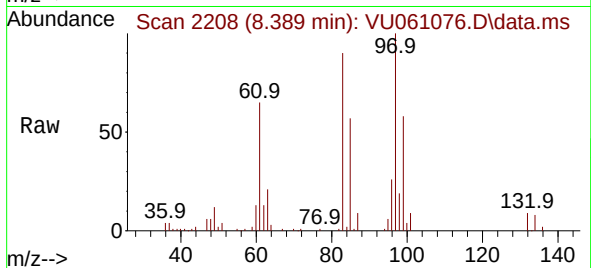




#45
1,1,2-Trichloroethane
Concen: 5.156 ug/L
RT: 8.389 min Scan# 2209
Delta R.T. -0.003 min
Lab File: VU061076.D
Acq: 02 Oct 2024 15:10

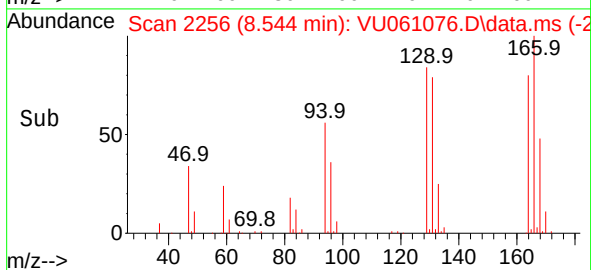
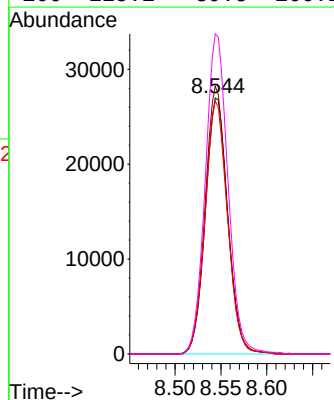
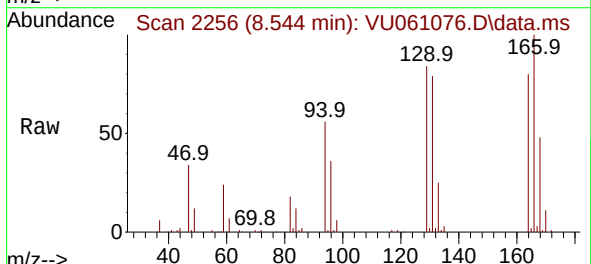
Instrument :
MSVOA_U
ClientSampleId :

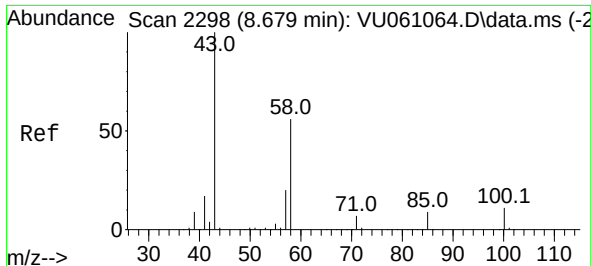
Tgt Ion: 97	Resp: 46534
Ion Ratio	Lower Upper
97	100
99	57.7 42.3 78.5
83	90.3 61.7 114.5
85	57.1 39.5 73.3



#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 :

Tgt Ion: 43 Resp: 326039

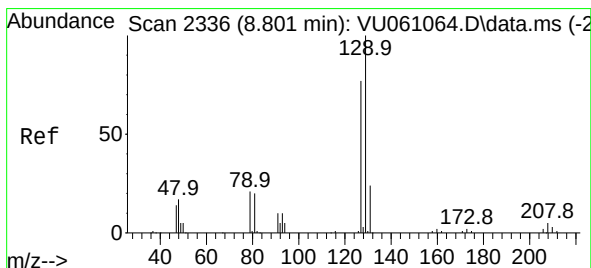
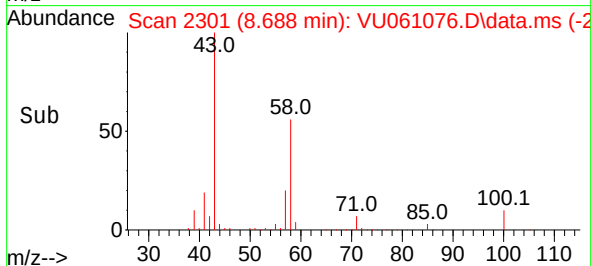
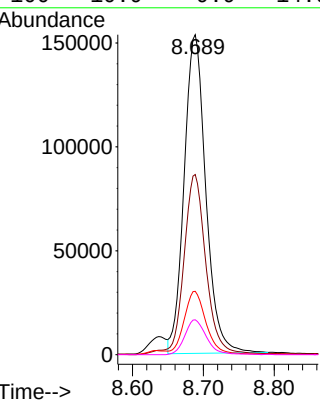
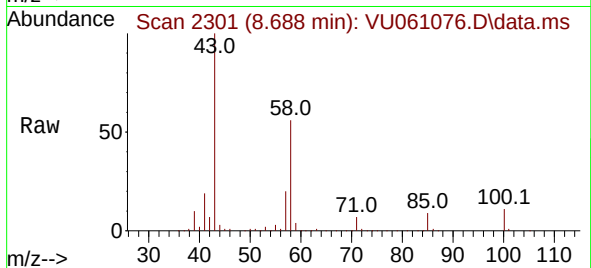
Ion Ratio Lower Upper

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

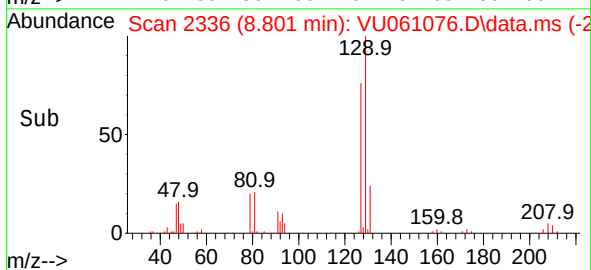
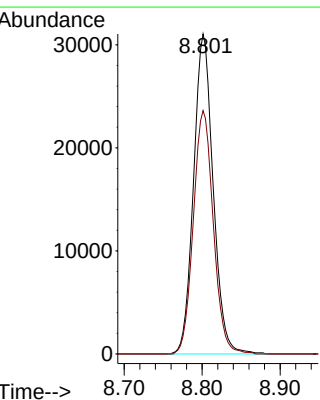
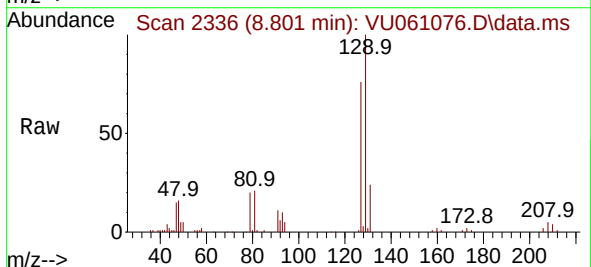
Acq: 02 Oct 2024 15:10

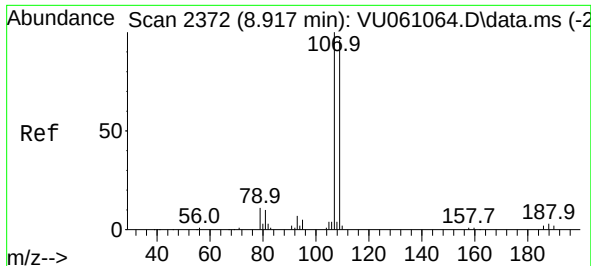
Tgt Ion:129 Resp: 54324

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

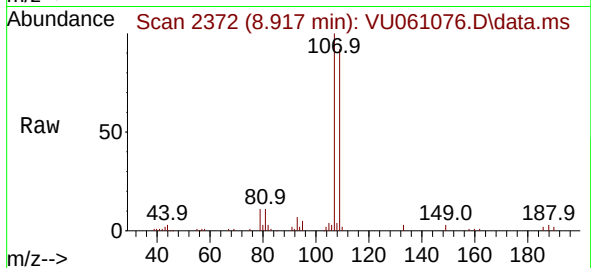
Lab File: VU061076.D

Acq: 02 Oct 2024 15:10

Instrument :

MSVOA_U

ClientSampleId :



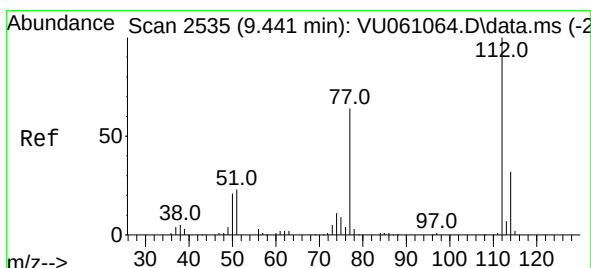
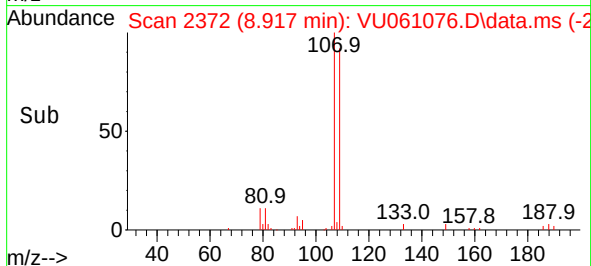
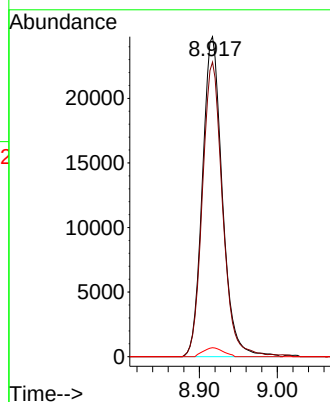
Tgt Ion:107 Resp: 44075

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

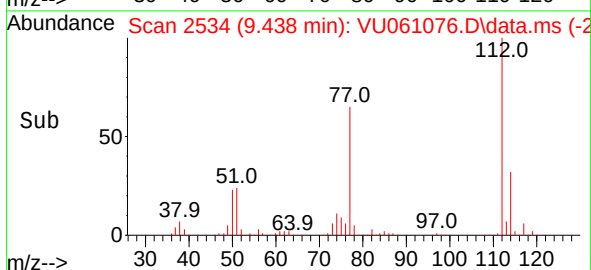
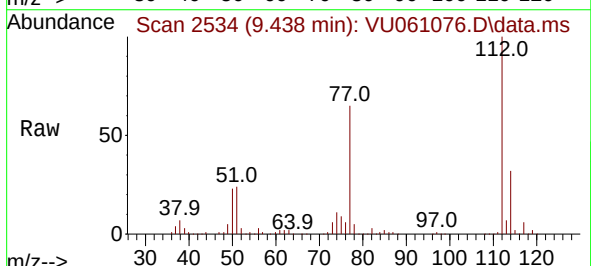
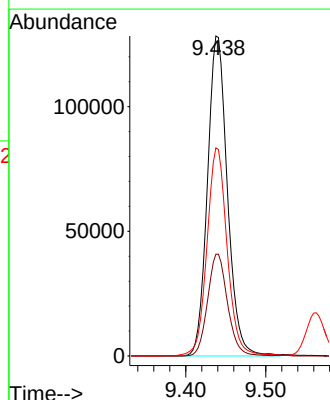
Tgt Ion:112 Resp: 223192

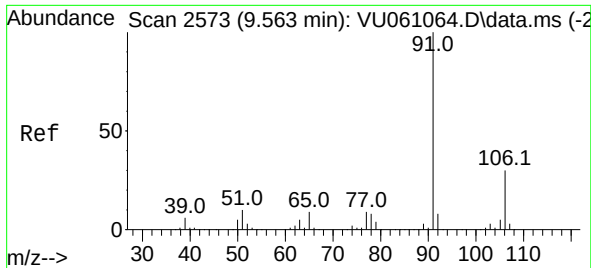
Ion Ratio Lower Upper

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

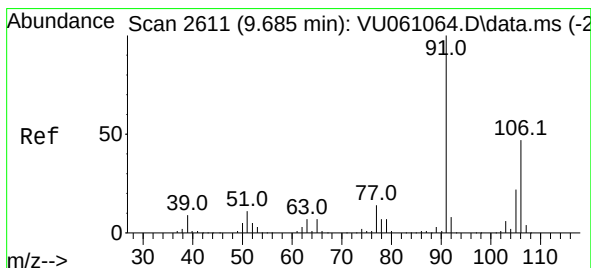
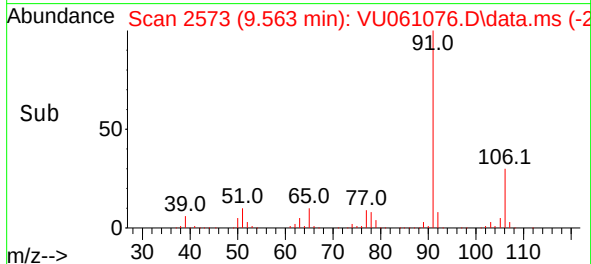
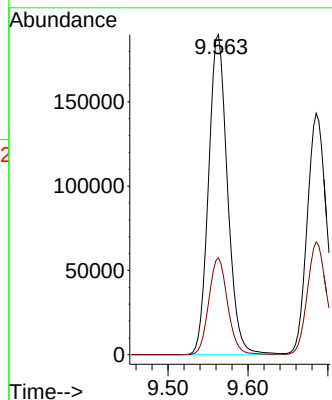
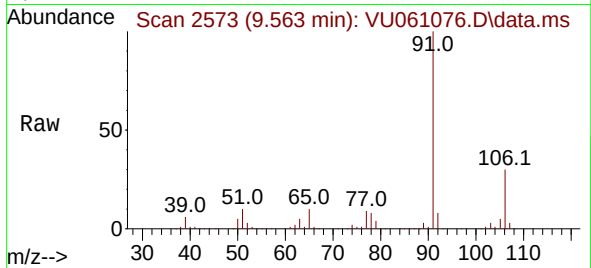
ClientSampleId :

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

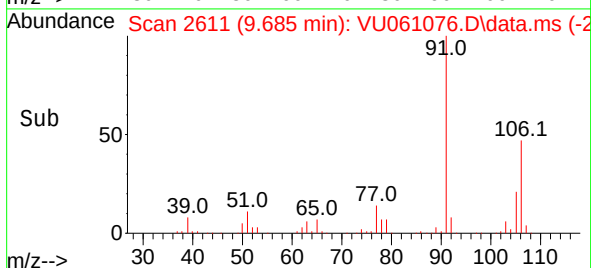
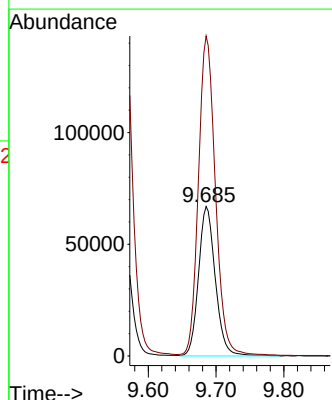
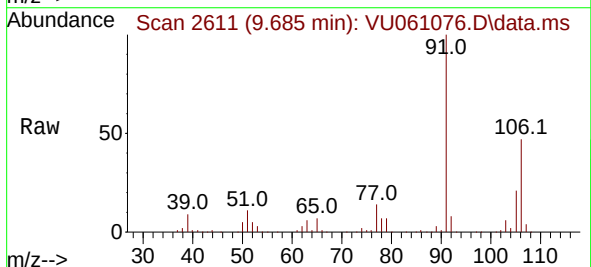
Acq: 02 Oct 2024 15:10

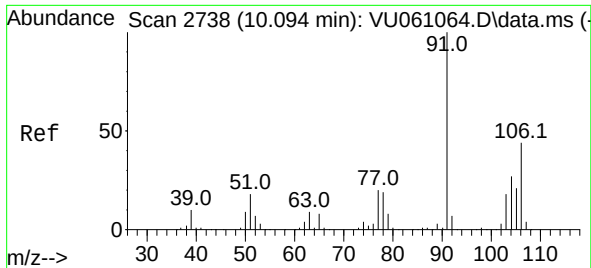
Tgt Ion:106 Resp: 115190

Ion Ratio Lower Upper

106 100

91 214.1 139.7 259.4

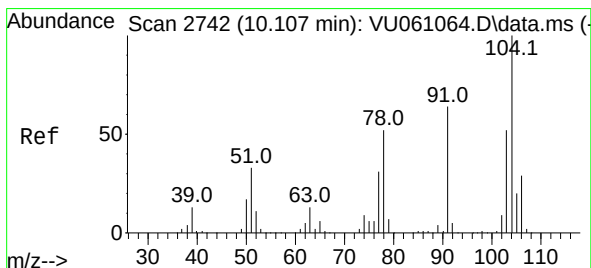
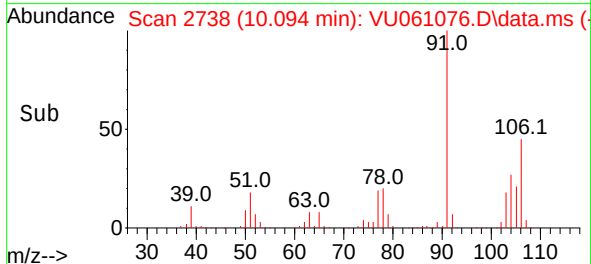
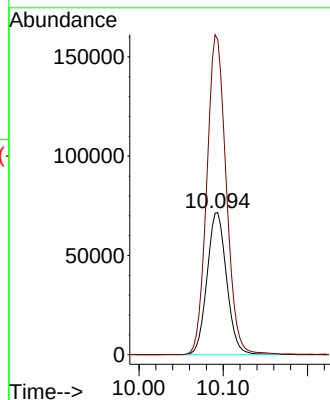
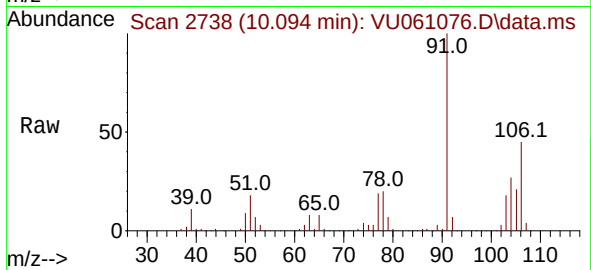




#54
o-Xylene
Concen: 5.172 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU061076.D
Acq: 02 Oct 2024 15:10

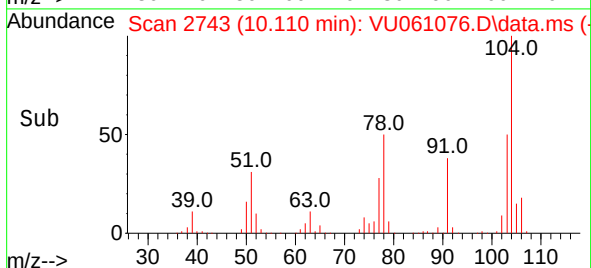
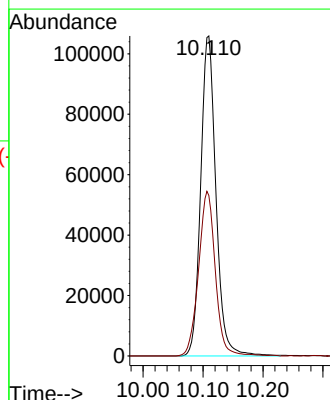
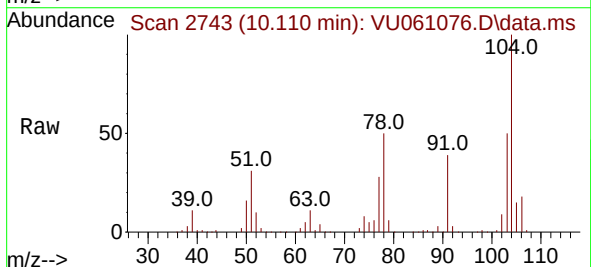
Instrument :
MSVOA_U
ClientSampleId :

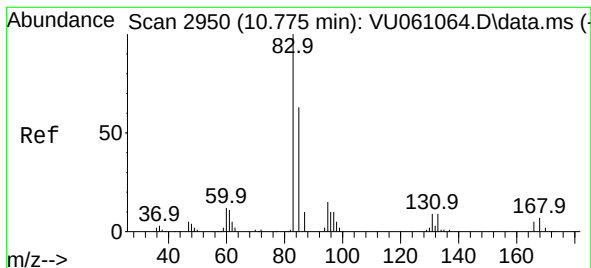
Tgt Ion:106 Resp: 115806
Ion Ratio Lower Upper
106 100
91 221.8 148.6 276.0



#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# 2950

Delta R.T. -0.000 min

Lab File: VU061076.D

Acq: 02 Oct 2024 15:10

Instrument :

MSVOA_U

ClientSampleId :

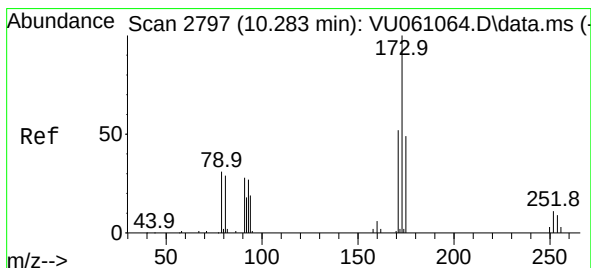
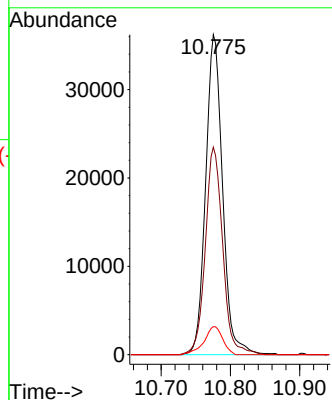
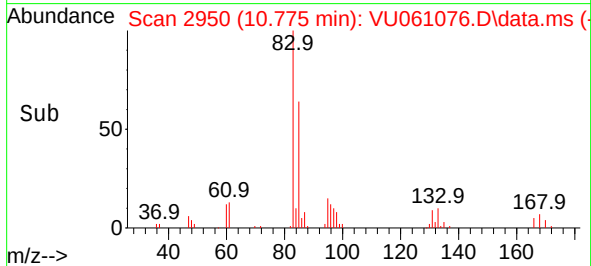
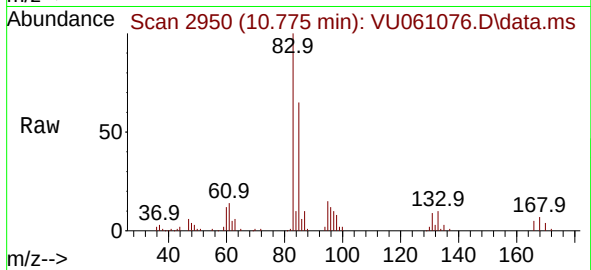
Tgt Ion: 83 Resp: 61358

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

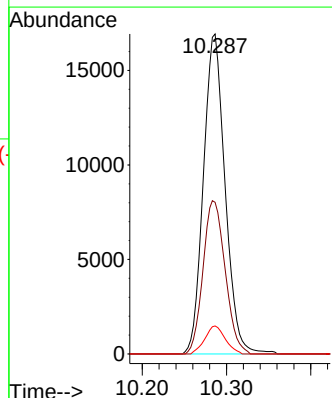
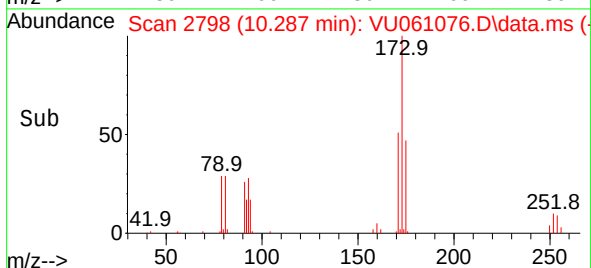
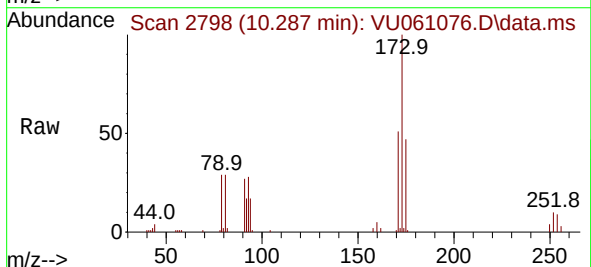
Tgt Ion:173 Resp: 30308

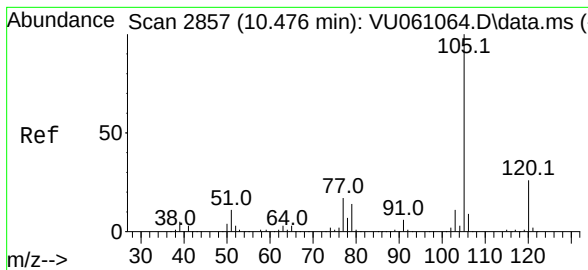
Ion Ratio Lower Upper

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 :

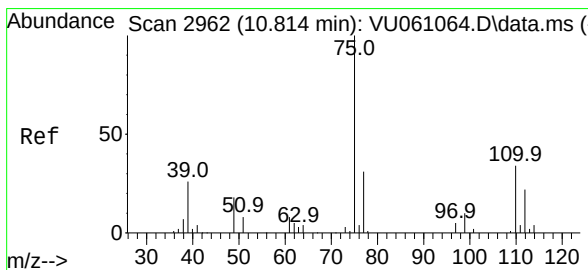
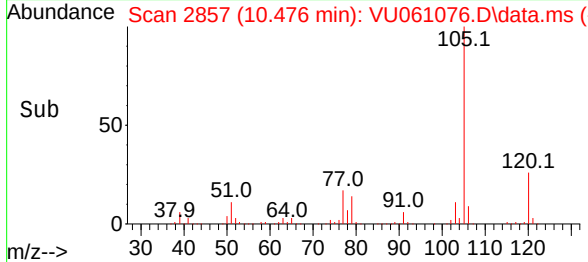
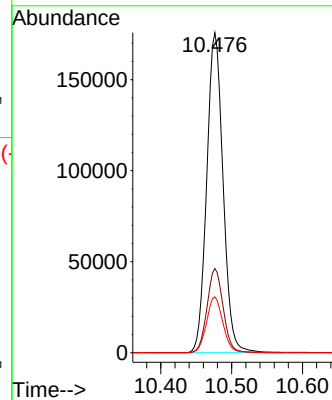
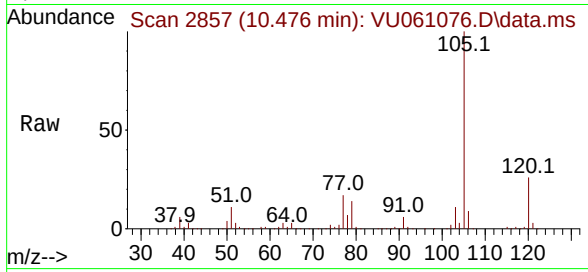
Tgt Ion:105 Resp: 281188

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

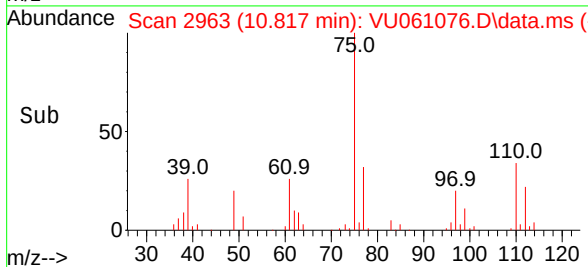
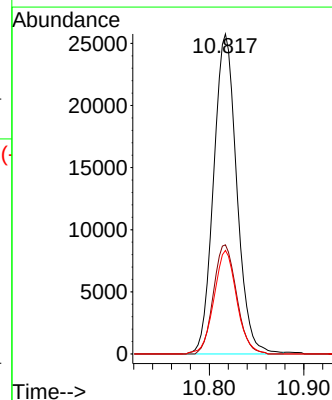
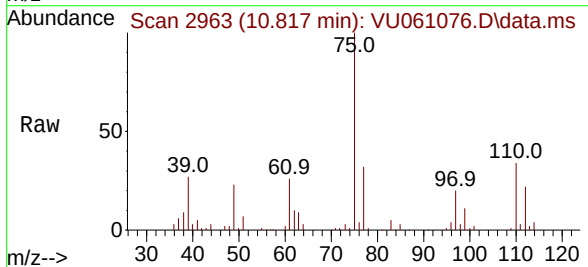
Tgt Ion: 75 Resp: 43805

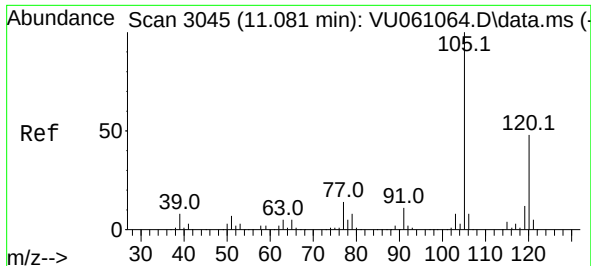
Ion Ratio Lower Upper

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

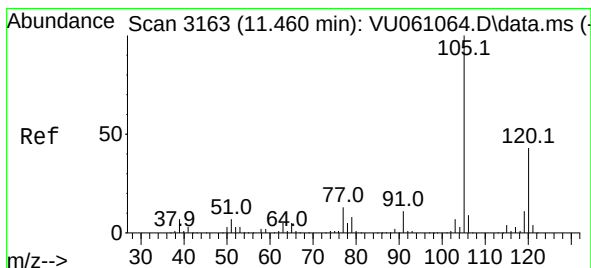
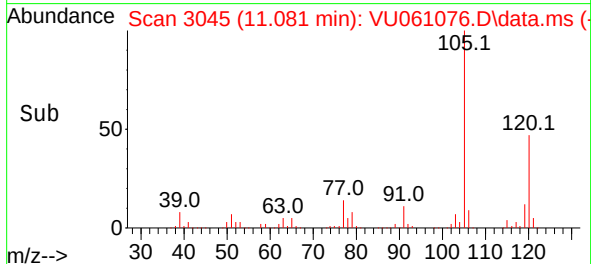
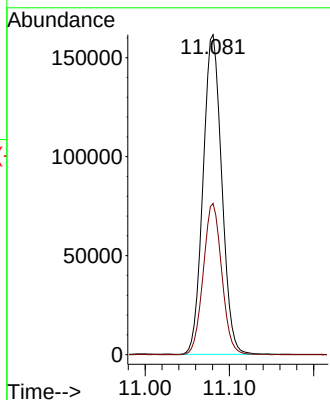
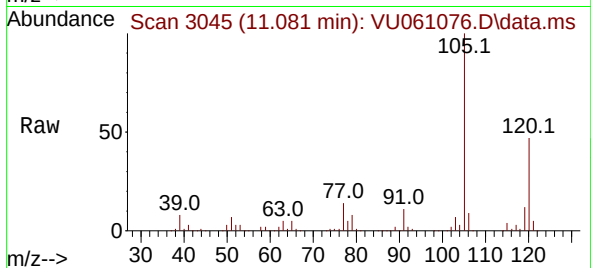
ClientSampleId :

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

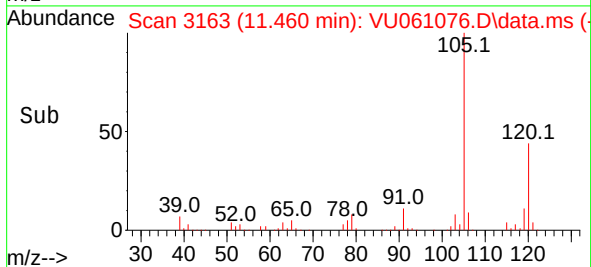
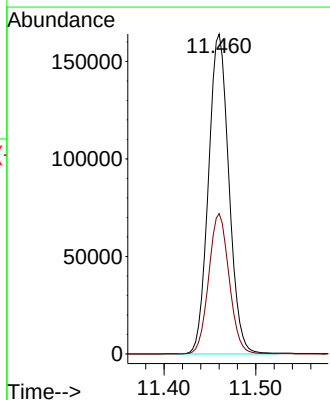
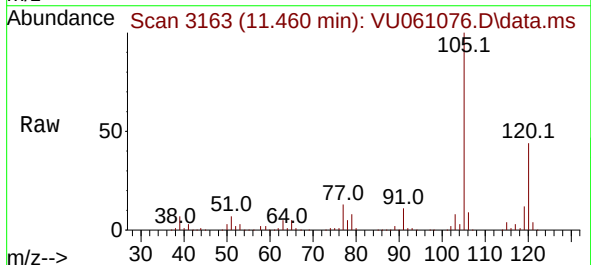
Acq: 02 Oct 2024 15:10

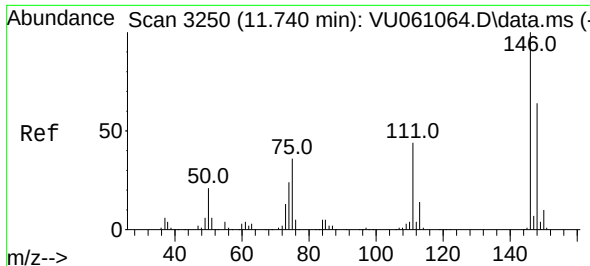
Tgt Ion:105 Resp: 254559

Ion Ratio Lower Upper

105 100

120 43.5 36.1 54.1

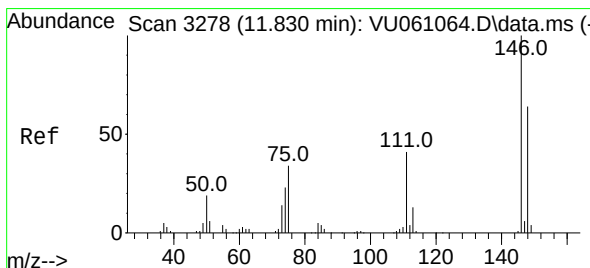
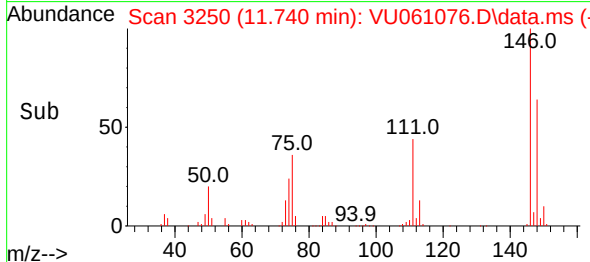
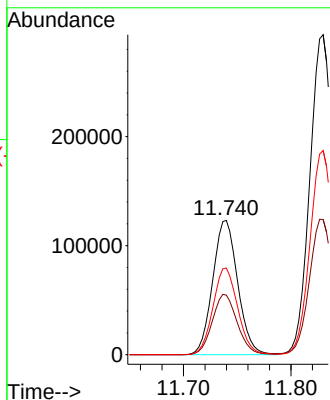
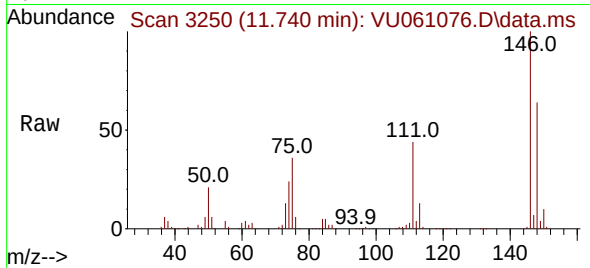




#64
1,3-Dichlorobenzene
Concen: 8.015 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VU061076.D
Acq: 02 Oct 2024 15:10

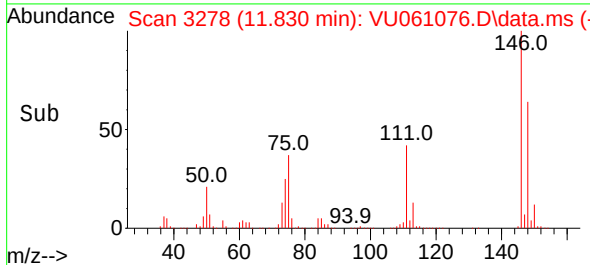
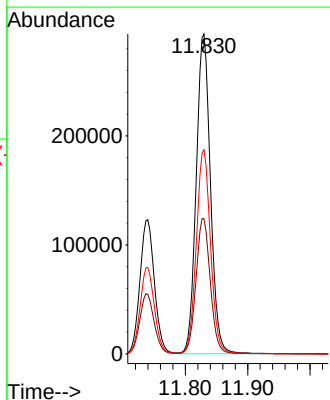
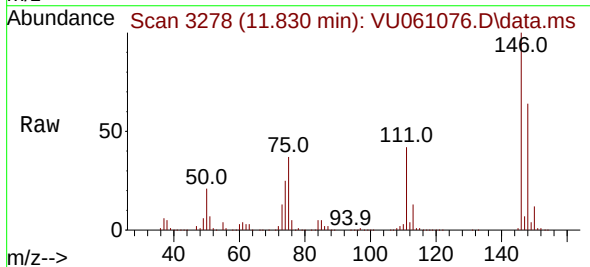
Instrument :
MSVOA_U
ClientSampleId :

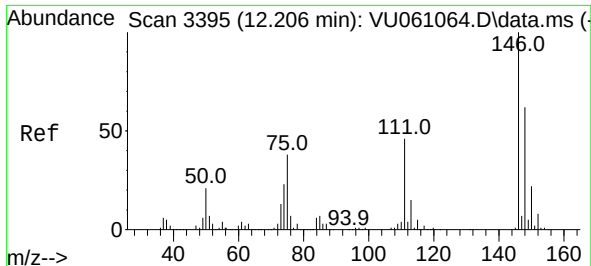
Tgt Ion:146 Resp: 199082
Ion Ratio Lower Upper
146 100
111 44.4 27.5 51.1
148 64.4 43.7 81.1



#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 :

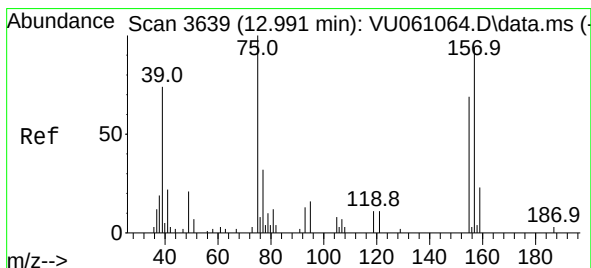
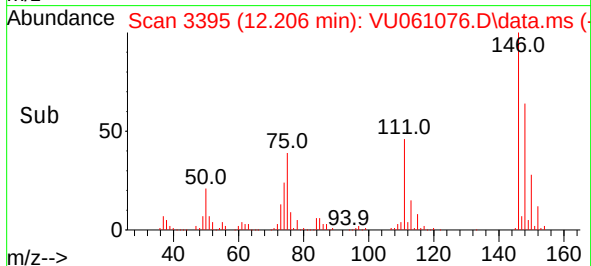
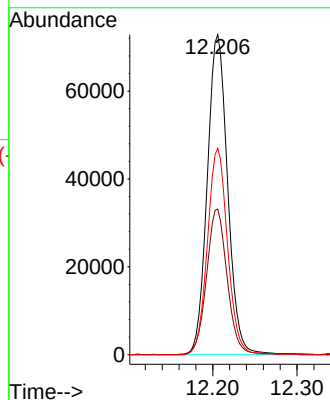
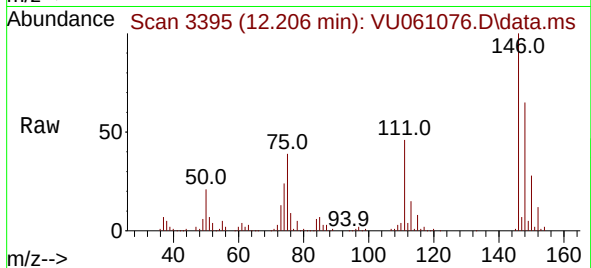
Tgt Ion:146 Resp: 122477

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

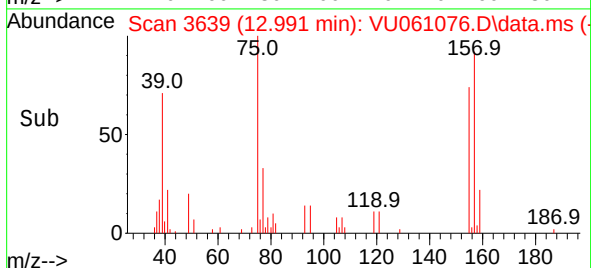
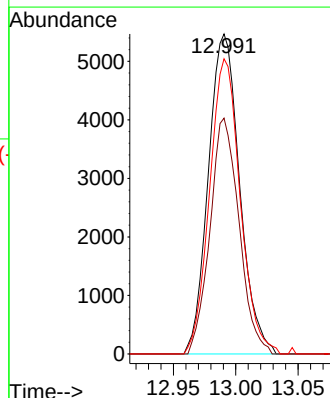
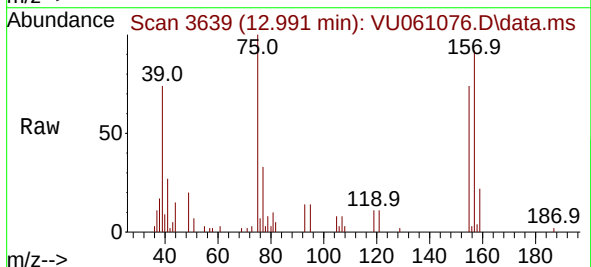
Tgt Ion: 75 Resp: 9545

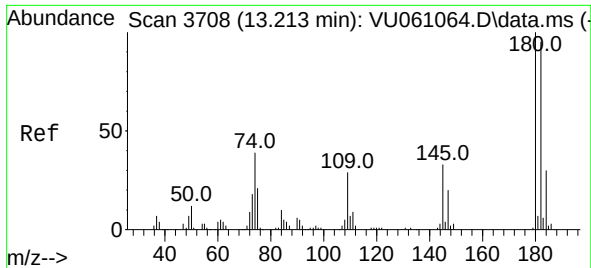
Ion Ratio Lower Upper

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# 31

Delta R.T. -0.000 min

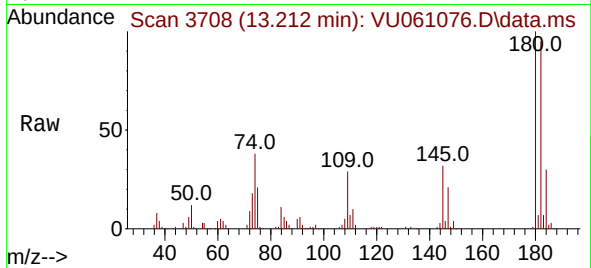
Lab File: VU061076.D

Acq: 02 Oct 2024 15:10

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 89853

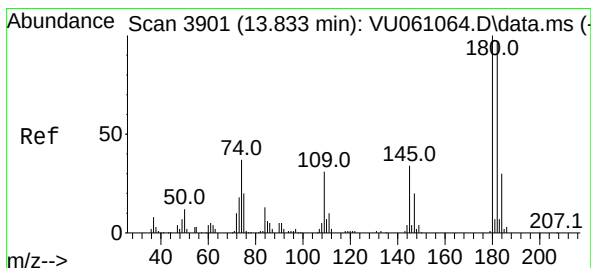
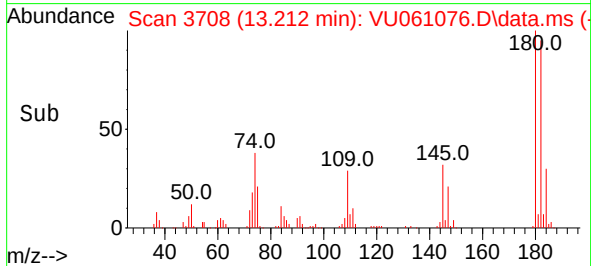
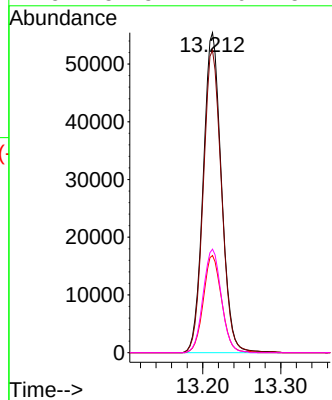
Ion Ratio Lower Upper

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

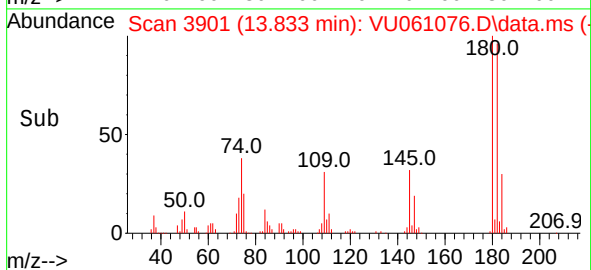
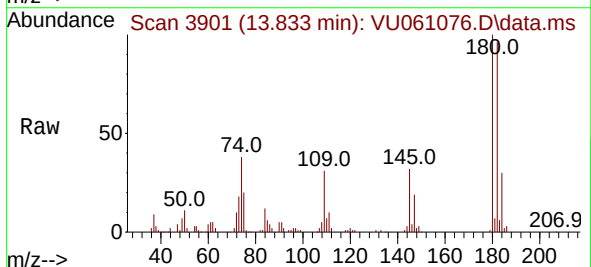
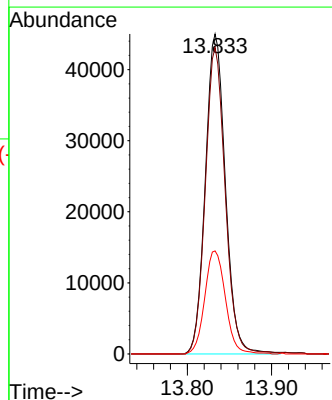
Tgt Ion:180 Resp: 74768

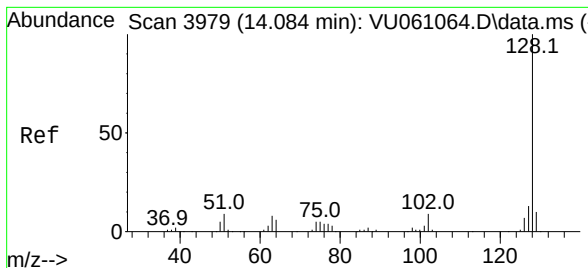
Ion Ratio Lower Upper

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# 3979

Delta R.T. -0.003 min

Lab File: VU061076.D

Acq: 02 Oct 2024 15:10

Instrument :

MSVOA_U

ClientSampleId :

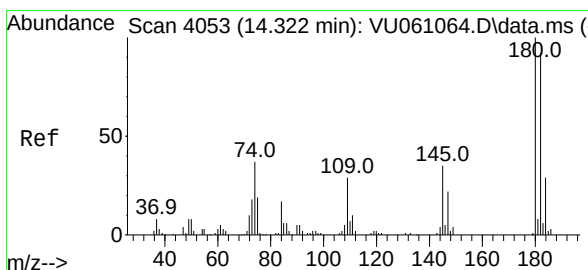
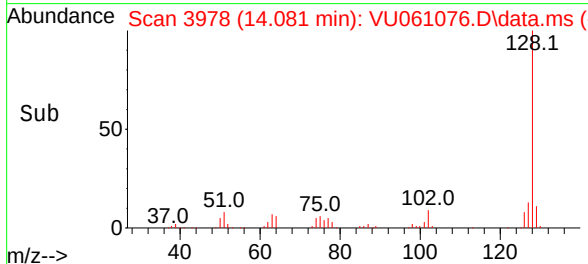
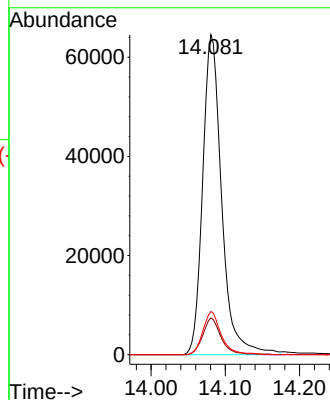
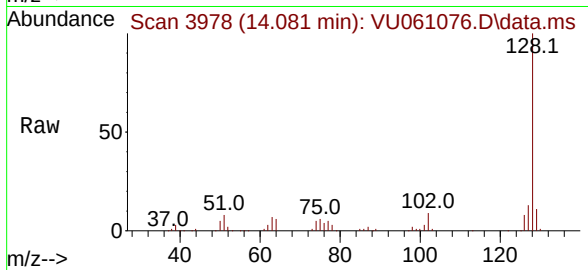
Tgt Ion:128 Resp: 114646

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

