

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100224\
 Data File : VU061080.D
 Acq On : 02 Oct 2024 16:47
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 03 06:32:14 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	6.241	114	178685	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	167708	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	81150	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	51982	4.069	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.400%
7) Chloroethane-d5	1.910	69	41116	4.300	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	2.560	65	23604	4.188	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.800%
20) 2-Butanone-d5	4.631	46	155626	50.857	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.720%
24) Chloroform-d	5.055	84	107373	4.769	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.695	65	55888	4.683	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.717	84	203154	4.594	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.682	67	68868	4.742	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.891	98	185538	4.489	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	8.174	79	28824	4.642	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.627	63	129524	50.397	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.800%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	53299	5.005	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	63083	4.862	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	51291	5.889	ug/L	99
3) Chloromethane	1.518	50	72671	5.778	ug/L	98
5) Vinyl chloride	1.602	62	75506	5.980	ug/L	97
6) Bromomethane	1.856	94	40571	6.024	ug/L	97
8) Chloroethane	1.930	64	46677	6.094	ug/L	98
9) Trichlorofluoromethane	2.136	101	99566	6.137	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	64847	6.051	ug/L	95
12) 1,1-Dichloroethene	2.576	96	62795	6.086	ug/L	88
13) Acetone	2.650	43	116374	59.132	ug/L	96
14) Carbon disulfide	2.788	76	208611	5.949	ug/L	99
15) Methyl Acetate	2.955	43	28871	6.025	ug/L	99
16) Methylene chloride	3.039	84	74575	6.296	ug/L	91
17) Methyl tert-butyl Ether	3.354	73	180399	6.110	ug/L #	96
18) trans-1,2-Dichloroethene	3.348	96	68477	6.054	ug/L	93
19) 1,1-Dichloroethane	3.859	63	134832	6.126	ug/L	98
21) 2-Butanone	4.708	43	201246	62.116	ug/L	92
22) cis-1,2-Dichloroethene	4.660	96	75902	6.025	ug/L	94
23) Bromochloromethane	4.965	128	31650	6.242	ug/L #	88
25) Chloroform	5.078	83	134592	6.104	ug/L	98

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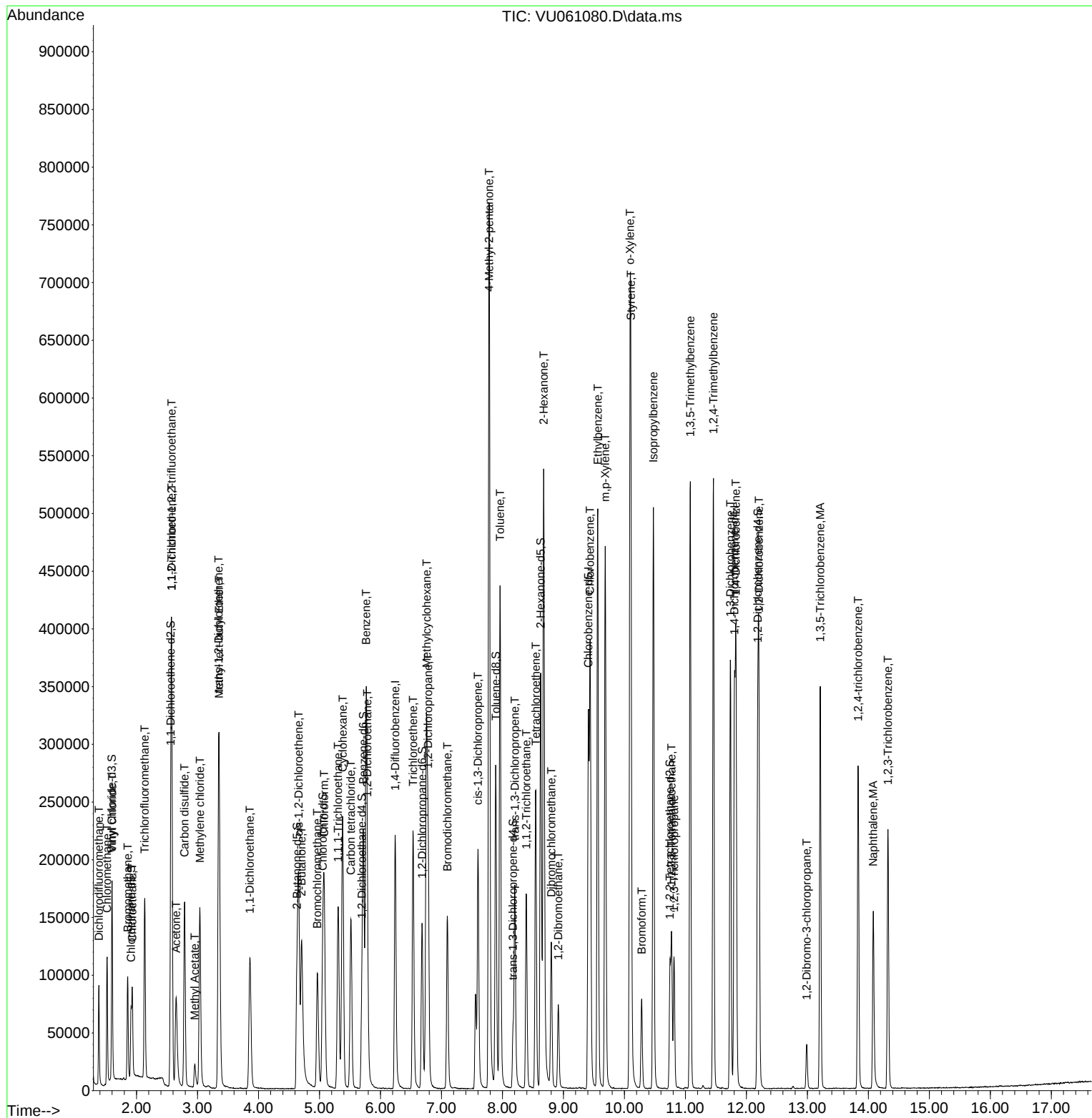
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	87643	6.035	ug/L	95
29) 1,1,1-Trichloroethane	5.306	97	114786	5.915	ug/L	96
30) Cyclohexane	5.380	56	127431	5.894	ug/L	94
31) Carbon tetrachloride	5.515	117	98621	5.988	ug/L	100
33) Benzene	5.766	78	301689	6.102	ug/L	100
34) Trichloroethene	6.534	95	78957	5.891	ug/L	96
35) Methylcyclohexane	6.756	83	128291	5.928	ug/L	98
37) 1,2-Dichloropropane	6.782	63	79175	6.077	ug/L #	97
38) Bromodichloromethane	7.097	83	98801	6.066	ug/L	98
39) cis-1,3-Dichloropropene	7.598	75	123676	6.054	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	516715	61.919	ug/L	94
42) Toluene	7.962	91	318155	6.041	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	100395	5.943	ug/L	97
45) 1,1,2-Trichloroethane	8.389	97	51876	6.008	ug/L	99
47) Tetrachloroethene	8.547	164	53648	6.151	ug/L	96
48) 2-Hexanone	8.675	43	366346	63.320	ug/L	95
49) Dibromochloromethane	8.801	129	62741	6.245	ug/L	96
50) 1,2-Dibromoethane	8.917	107	50315	6.156	ug/L #	99
51) Chlorobenzene	9.438	112	196810	6.135	ug/L	94
52) Ethylbenzene	9.563	91	361306	6.053	ug/L	97
53) m,p-Xylene	9.685	106	130924	6.013	ug/L	92
54) o-Xylene	10.093	106	130874	6.110	ug/L	92
55) Styrene	10.106	104	213366	6.172	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.772	83	67081	6.182	ug/L	95
59) Bromoform	10.283	173	33379	5.993	ug/L #	99
60) Isopropylbenzene	10.476	105	325503	5.997	ug/L	97
61) 1,2,3-Trichloropropane	10.814	75	47532	5.962	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	285046	5.960	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	288044	5.966	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	145705	6.263	ug/L	96
65) 1,4-Dichlorobenzene	11.830	146	142422	6.193	ug/L	95
67) 1,2-Dichlorobenzene	12.206	146	130993	6.093	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	10575	6.082	ug/L #	77
69) 1,3,5-Trichlorobenzene	13.212	180	98736	6.028	ug/L #	96
70) 1,2,4-trichlorobenzene	13.833	180	79105	6.302	ug/L	96
71) Naphthalene	14.080	128	128200	6.252	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	63360	6.066	ug/L	97

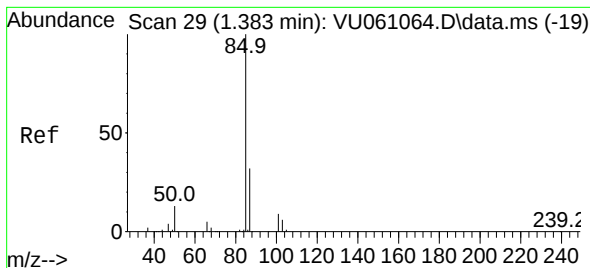
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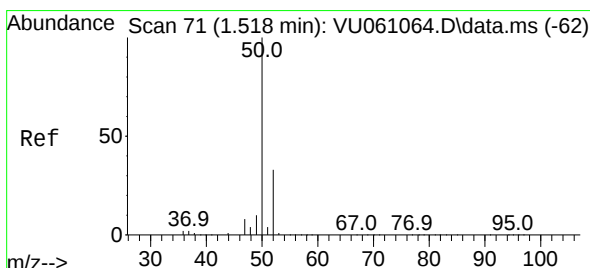
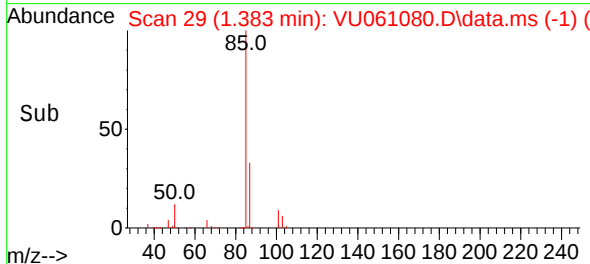
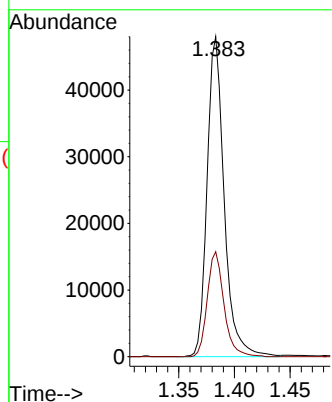
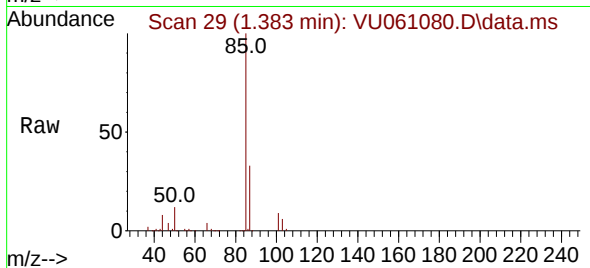




#2
Dichlorodifluoromethane
Concen: 5.889 ug/L
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU061080.D
Acq: 02 Oct 2024 16:47

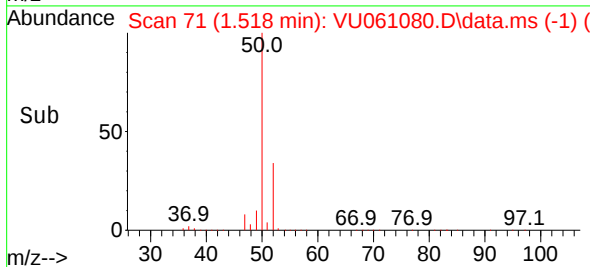
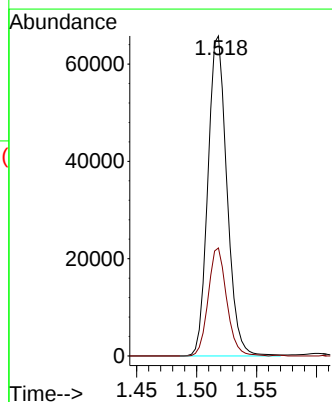
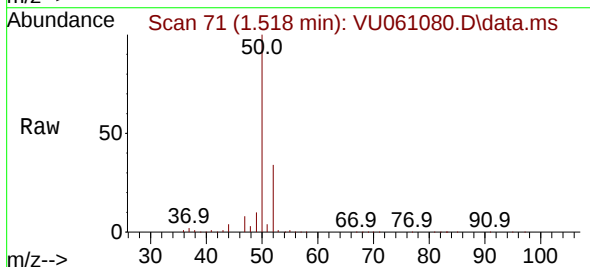
Instrument :
MSVOA_U
ClientSampleId :

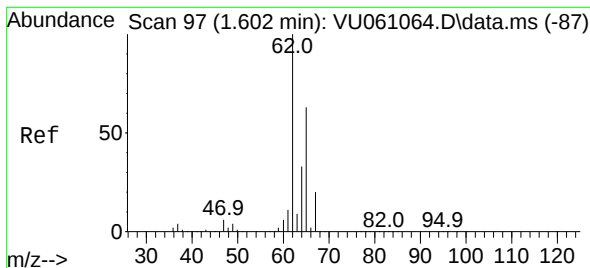
Tgt Ion: 85 Resp: 51291
Ion Ratio Lower Upper
85 100
87 32.1 26.2 39.2



#3
Chloromethane
Concen: 5.778 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU061080.D
Acq: 02 Oct 2024 16:47

Tgt Ion: 50 Resp: 72671
Ion Ratio Lower Upper
50 100
52 33.8 24.4 45.4





#5

Vinyl chloride

Concen: 5.980 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU061080.D

Acq: 02 Oct 2024 16:47

Instrument :

MSVOA_U

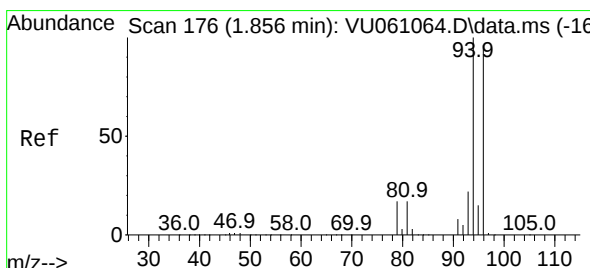
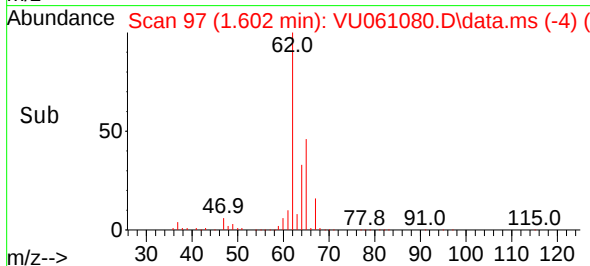
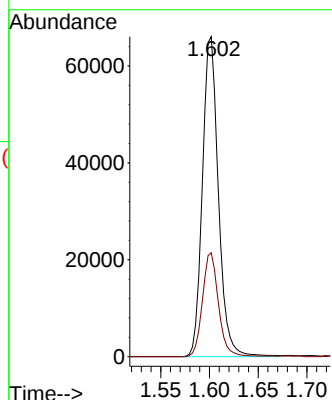
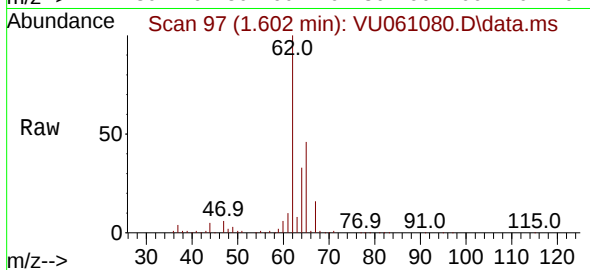
ClientSampleId :

Tgt Ion: 62 Resp: 75506

Ion Ratio Lower Upper

62 100

64 32.5 24.0 44.6



#6

Bromomethane

Concen: 6.024 ug/L

RT: 1.856 min Scan# 176

Delta R.T. -0.000 min

Lab File: VU061080.D

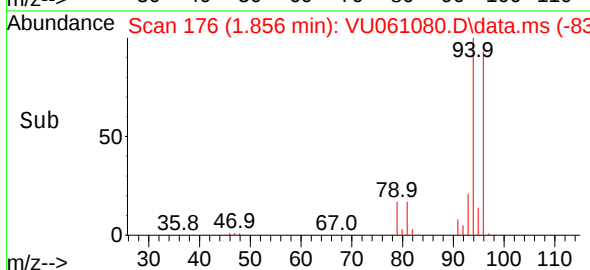
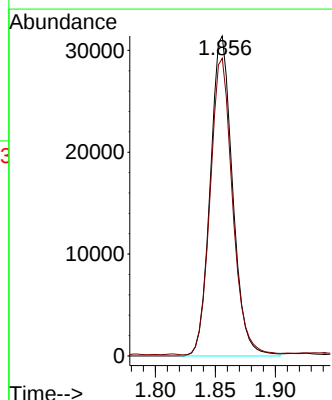
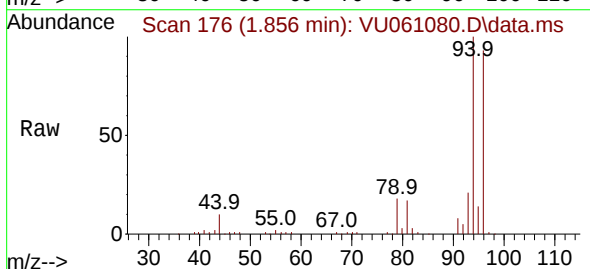
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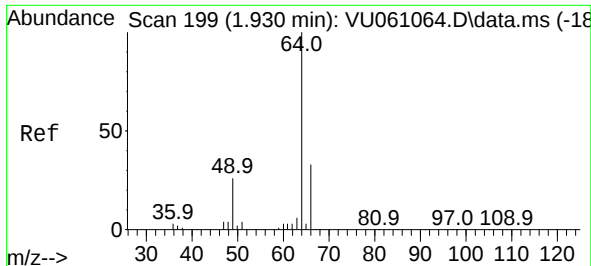
Tgt Ion: 94 Resp: 40571

Ion Ratio Lower Upper

94 100

96 93.1 67.3 124.9

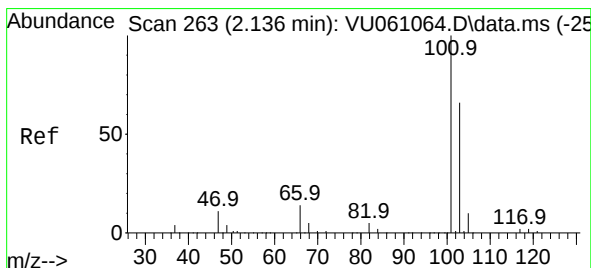
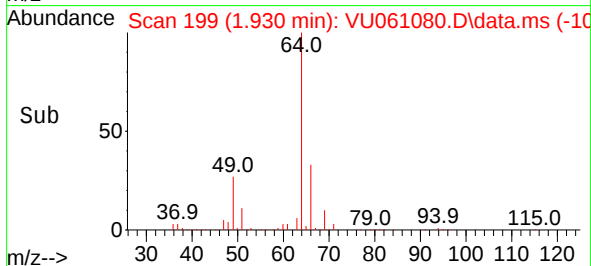
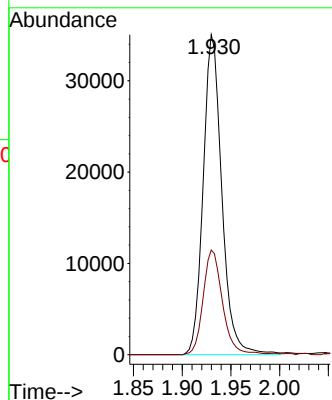
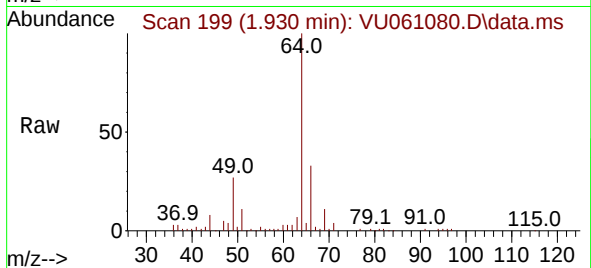




#8
Chloroethane
Concen: 6.094 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU061080.D
Acq: 02 Oct 2024 16:47

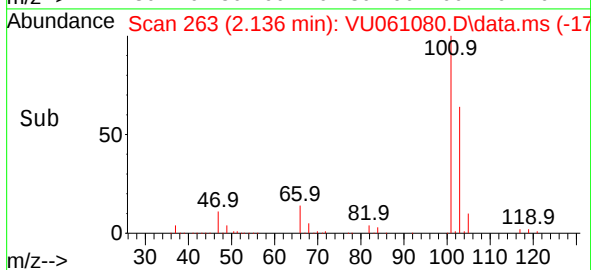
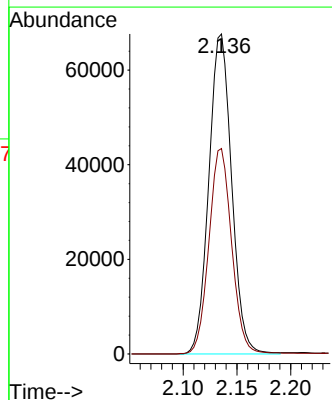
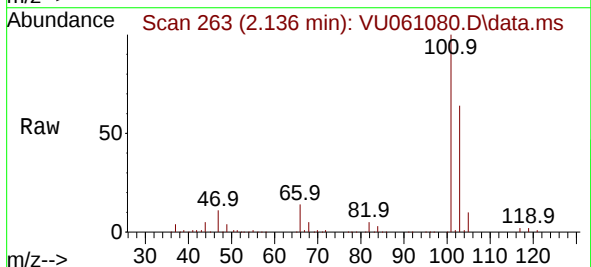
Instrument :
MSVOA_U
ClientSampleId :

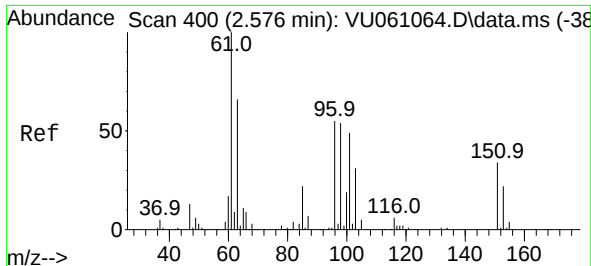
Tgt Ion: 64 Resp: 46677
Ion Ratio Lower Upper
64 100
66 32.7 22.3 41.3



#9
Trichlorofluoromethane
Concen: 6.137 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.000 min
Lab File: VU061080.D
Acq: 02 Oct 2024 16:47

Tgt Ion:101 Resp: 99566
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.2

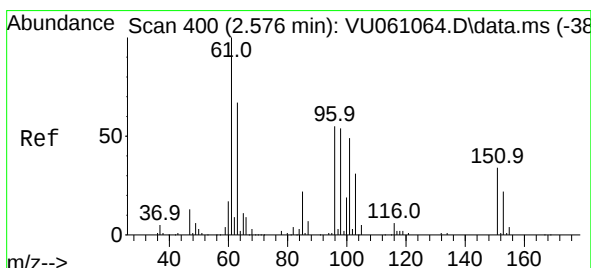
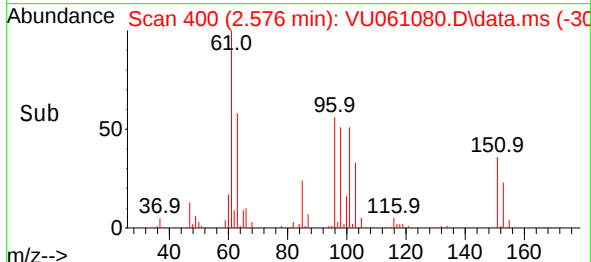
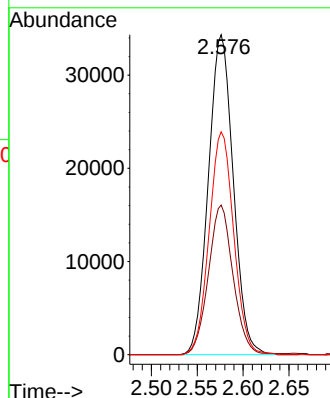
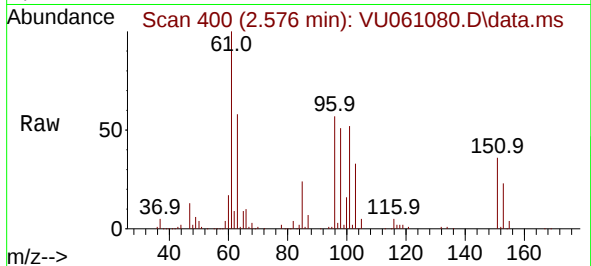




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 6.051 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU061080.D
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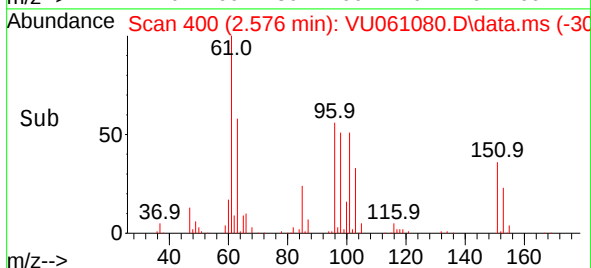
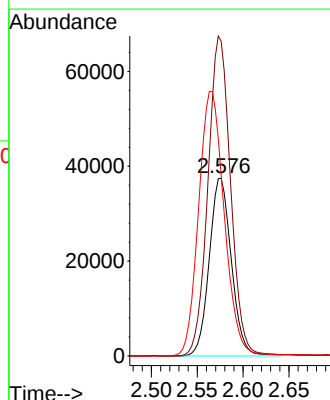
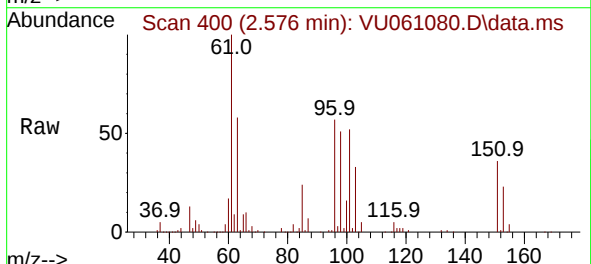
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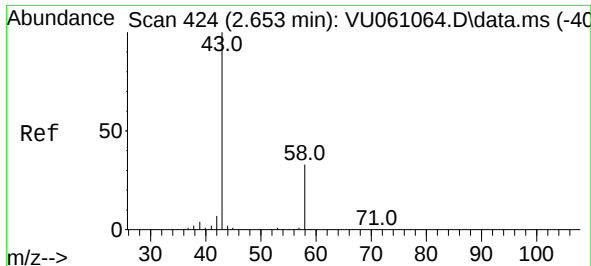
Tgt Ion:101 Resp: 64847
 Ion Ratio Lower Upper
 101 100
 85 46.4 34.2 51.4
 151 68.9 58.6 88.0



#12
 1,1-Dichloroethene
 Concen: 6.086 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU061080.D
 Acq: 02 Oct 2024 16:47

Tgt Ion: 96 Resp: 62795
 Ion Ratio Lower Upper
 96 100
 61 177.0 120.7 224.1
 63 101.8 90.0 167.2





#13

Acetone

Concen: 59.132 ug/L

RT: 2.650 min Scan# 41

Delta R.T. -0.004 min

Lab File: VU061080.D

Acq: 02 Oct 2024 16:47

Instrument :

MSVOA_U

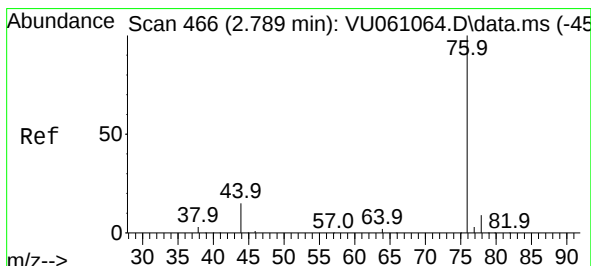
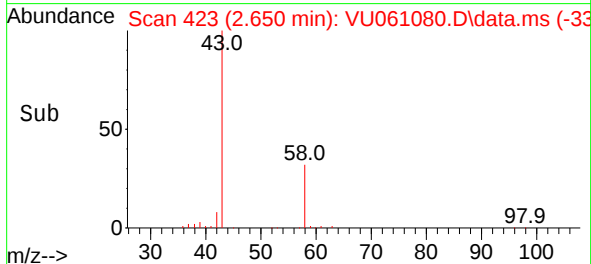
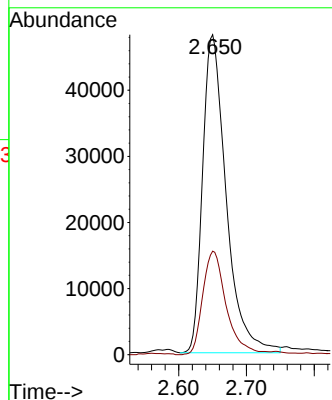
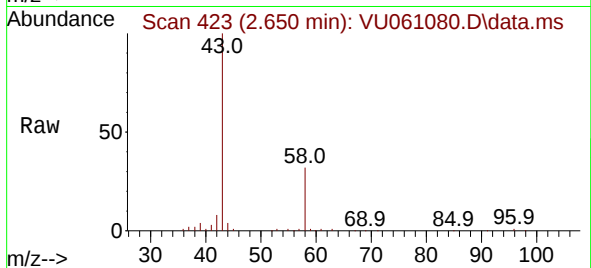
ClientSampleId :

Tgt Ion: 43 Resp: 116374

Ion Ratio Lower Upper

43 100

58 32.2 0.0 69.6



#14

Carbon disulfide

Concen: 5.949 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU061080.D

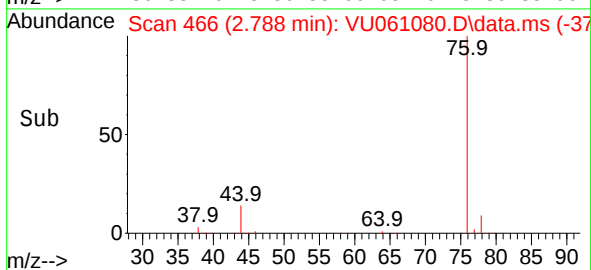
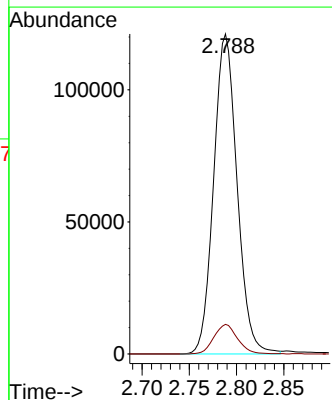
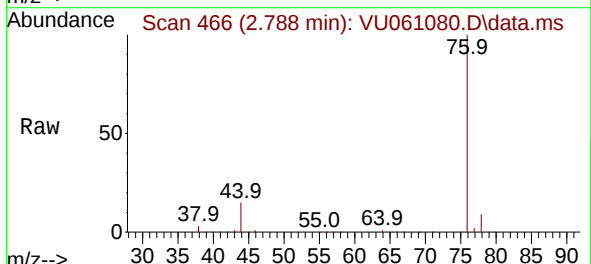
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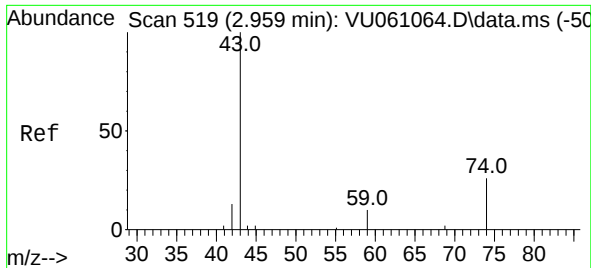
Tgt Ion: 76 Resp: 208611

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7





#15

Methyl Acetate

Concen: 6.025 ug/L

RT: 2.955 min Scan# 519

Delta R.T. -0.004 min

Lab File: VU061080.D

Acq: 02 Oct 2024 16:47

Instrument :

MSVOA_U

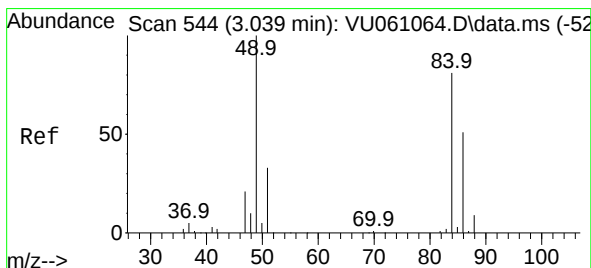
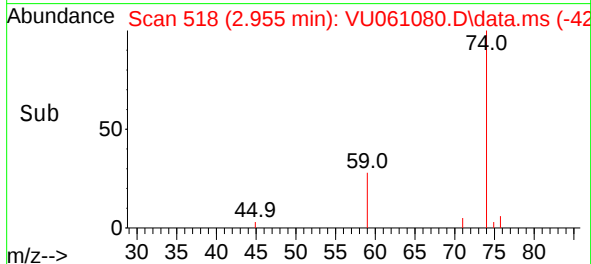
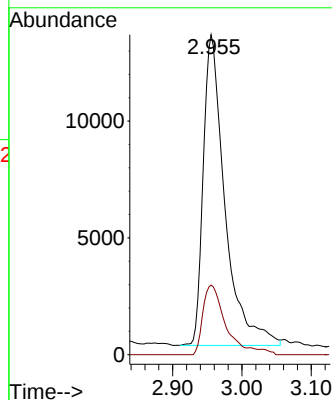
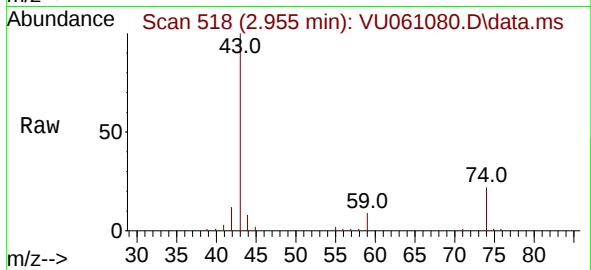
ClientSampleId :

Tgt Ion: 43 Resp: 28871

Ion Ratio Lower Upper

43 100

74 23.9 18.9 28.3



#16

Methylene chloride

Concen: 6.296 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.000 min

Lab File: VU061080.D

Acq: 02 Oct 2024 16:47

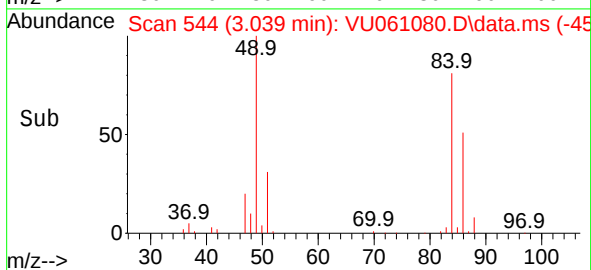
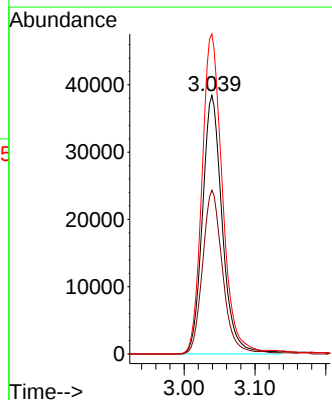
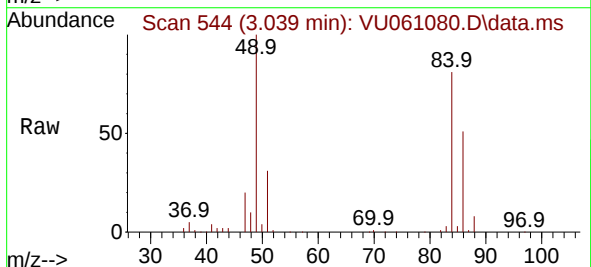
Tgt Ion: 84 Resp: 74575

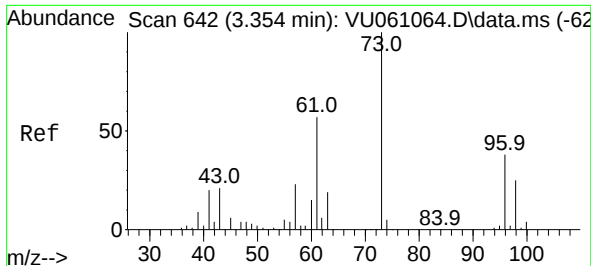
Ion Ratio Lower Upper

84 100

86 63.3 47.3 87.8

49 123.8 78.7 146.1

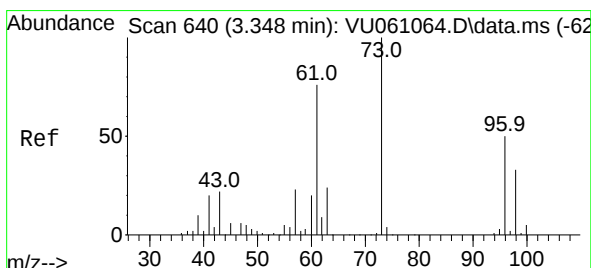
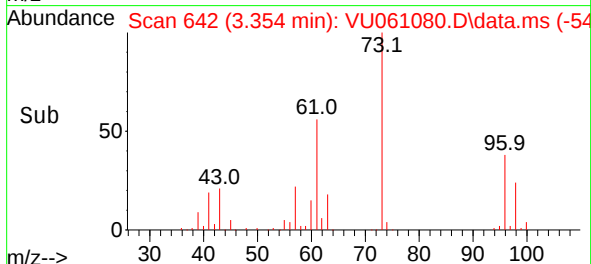
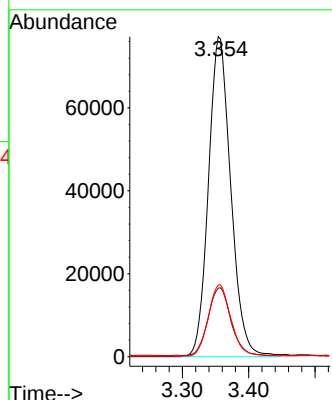
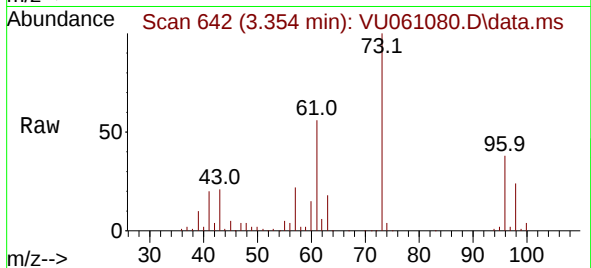




#17
Methyl tert-butyl Ether
Concen: 6.110 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU061080.D
Acq: 02 Oct 2024 16:47

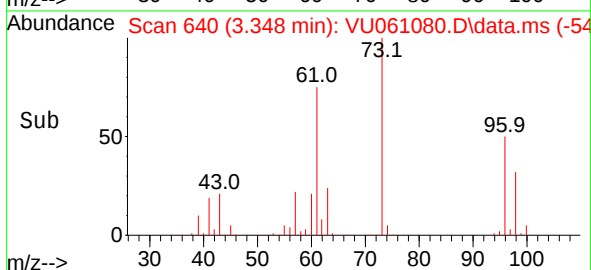
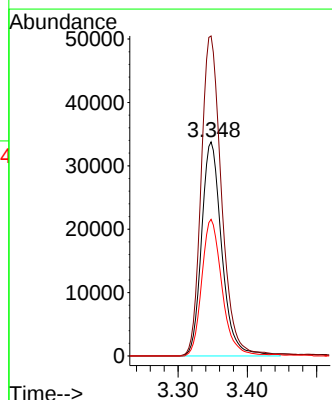
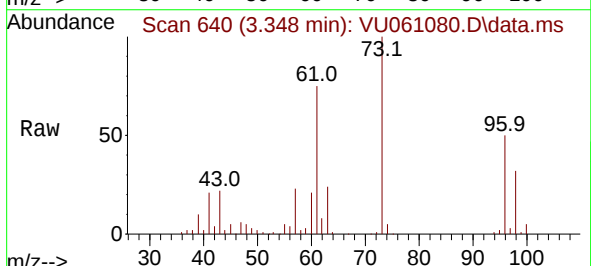
Instrument :
MSVOA_U
ClientSampleId :

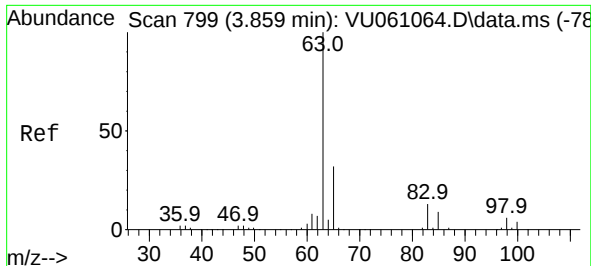
Tgt Ion: 73 Resp: 180399
Ion Ratio Lower Upper
73 100
43 21.5 13.8 20.8#
57 22.6 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 6.054 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU061080.D
Acq: 02 Oct 2024 16:47

Tgt Ion: 96 Resp: 68477
Ion Ratio Lower Upper
96 100
61 149.5 97.2 180.6
98 63.8 43.3 80.5

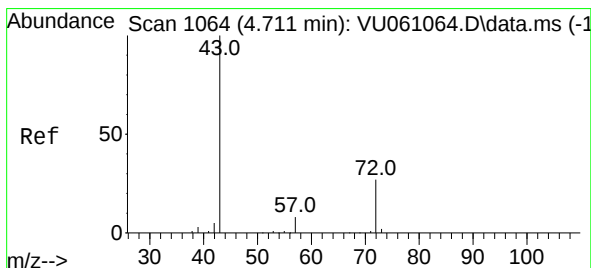
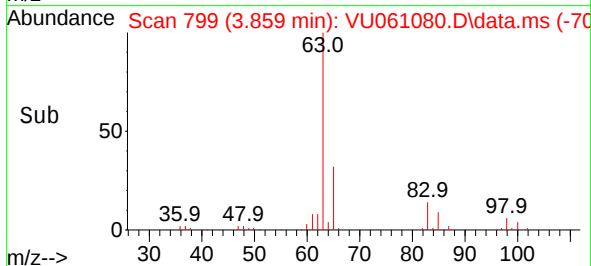
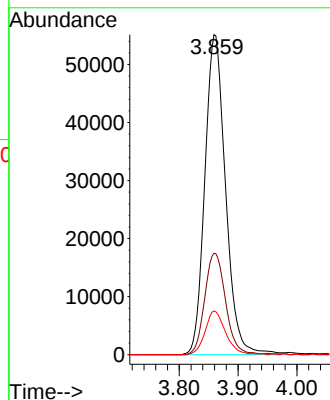
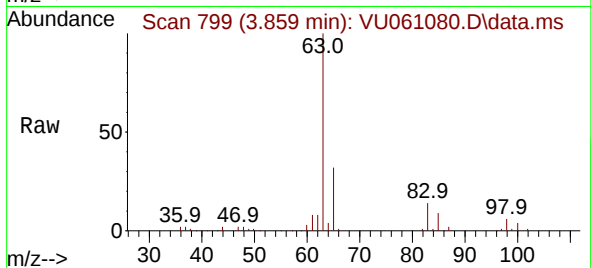




#19
1,1-Dichloroethane
Concen: 6.126 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU061080.D
Acq: 02 Oct 2024 16:47

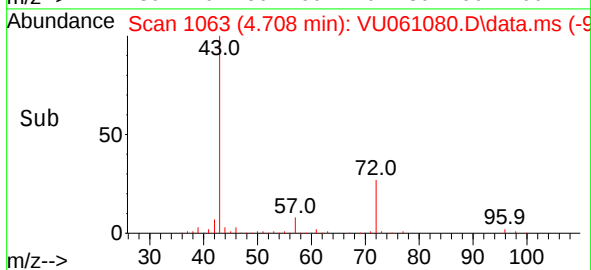
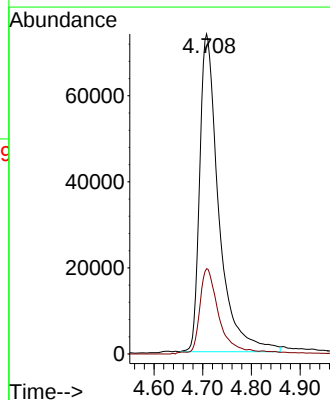
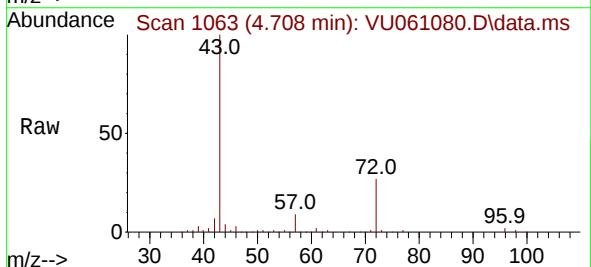
Instrument :
MSVOA_U
ClientSampleId :

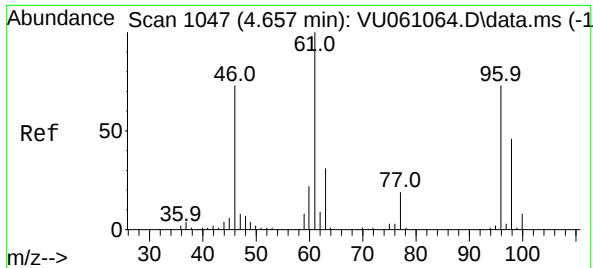
Tgt Ion: 63 Resp: 134832
Ion Ratio Lower Upper
63 100
65 31.7 23.0 42.8
83 13.7 9.0 16.6



#21
2-Butanone
Concen: 62.116 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. -0.003 min
Lab File: VU061080.D
Acq: 02 Oct 2024 16:47

Tgt Ion: 43 Resp: 201246
Ion Ratio Lower Upper
43 100
72 25.0 14.8 44.3

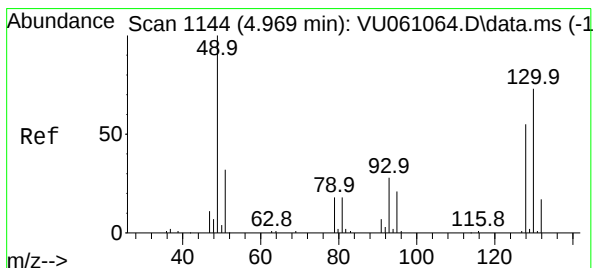
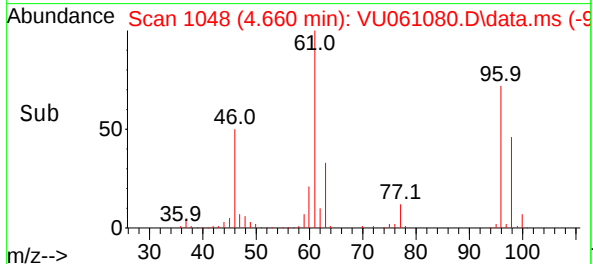
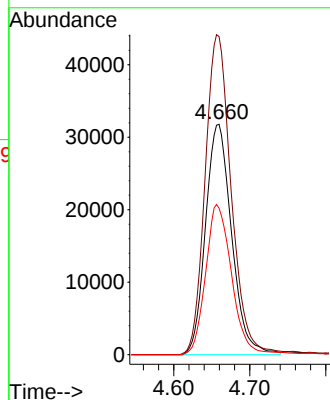
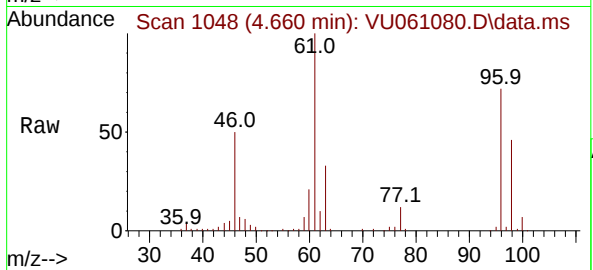




#22
cis-1,2-Dichloroethene
Concen: 6.025 ug/L
RT: 4.660 min Scan# 110
Delta R.T. 0.003 min
Lab File: VU061080.D
Acq: 02 Oct 2024 16:47

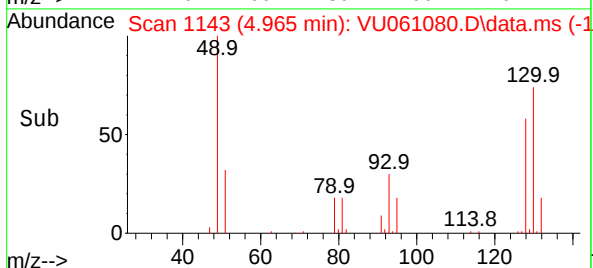
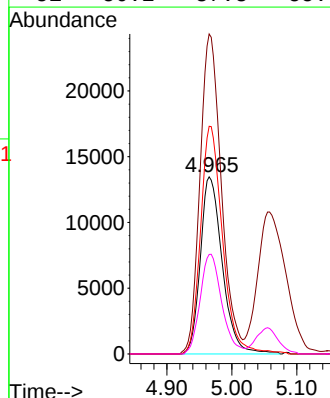
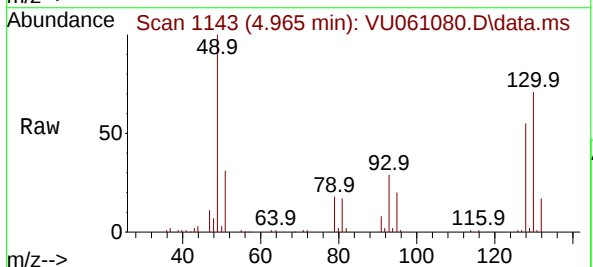
Instrument :
MSVOA_U
ClientSampleId :

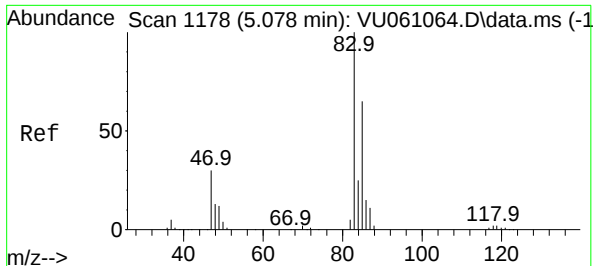
Tgt Ion: 96 Resp: 75902
Ion Ratio Lower Upper
96 100
61 138.1 89.7 166.5
98 63.5 45.1 83.9



#23
Bromochloromethane
Concen: 6.242 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.003 min
Lab File: VU061080.D
Acq: 02 Oct 2024 16:47

Tgt Ion:128 Resp: 31650
Ion Ratio Lower Upper
128 100
49 180.7 109.6 203.6
130 128.5 87.8 163.0
51 56.2 37.3 55.9#





#25

Chloroform

Concen: 6.104 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU061080.D

Acq: 02 Oct 2024 16:47

Instrument :

MSVOA_U

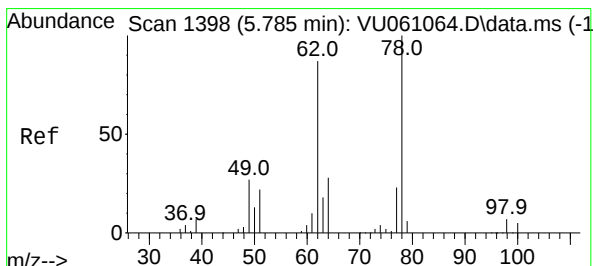
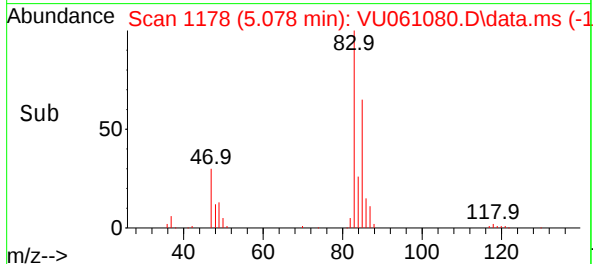
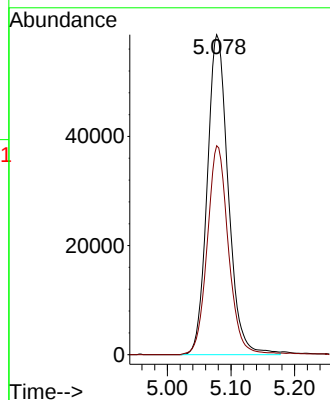
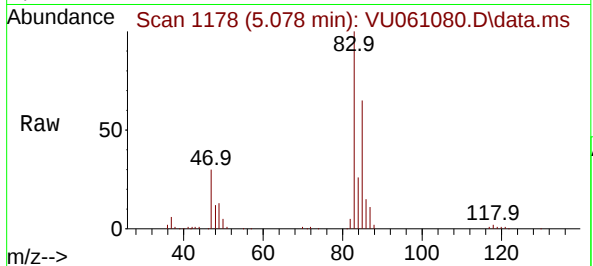
ClientSampleId :

Tgt Ion: 83 Resp: 134592

Ion Ratio Lower Upper

83 100

85 65.3 46.8 86.8



#27

1,2-Dichloroethane

Concen: 6.035 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU061080.D

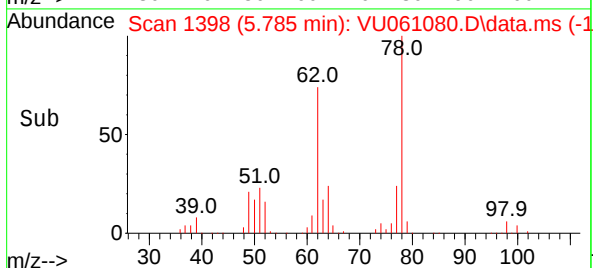
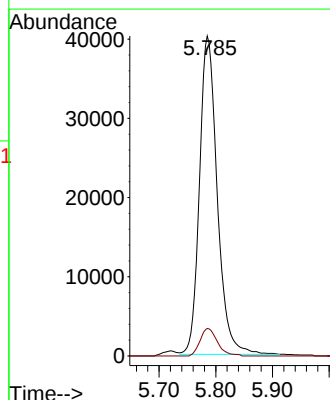
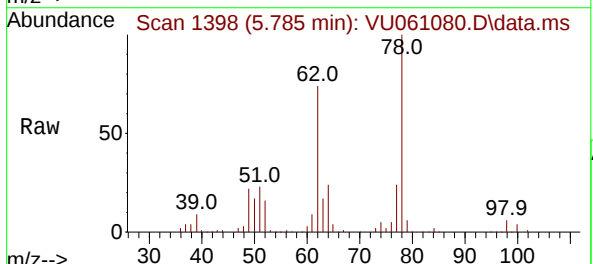
Acq: 02 Oct 2024 16:47

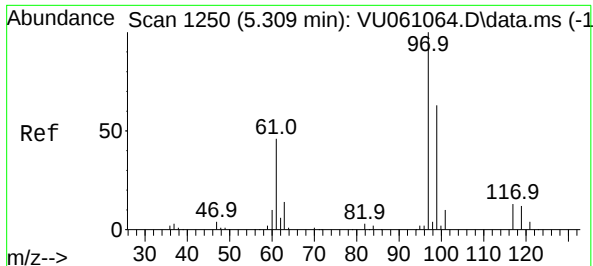
Tgt Ion: 62 Resp: 87643

Ion Ratio Lower Upper

62 100

98 8.6 8.2 12.4

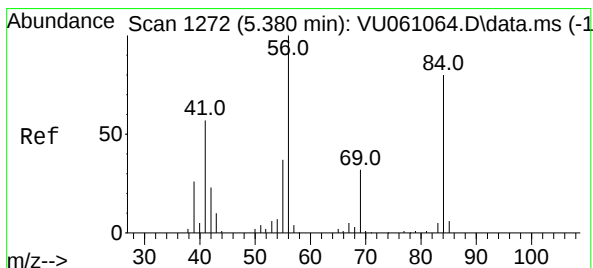
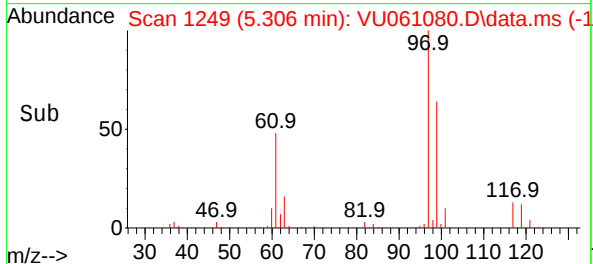
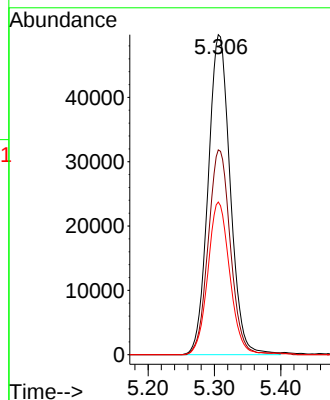
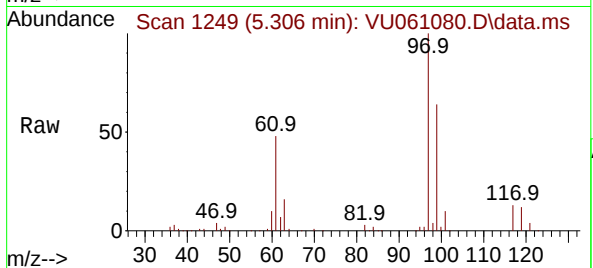




#29
1,1,1-Trichloroethane
Concen: 5.915 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.003 min
Lab File: VU061080.D
Acq: 02 Oct 2024 16:47

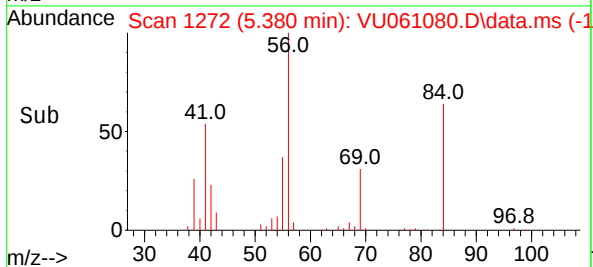
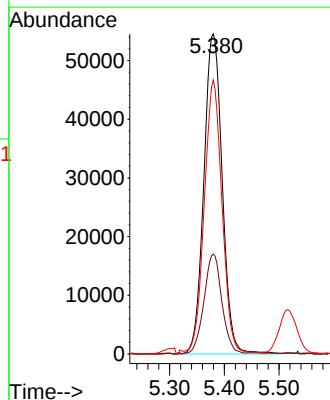
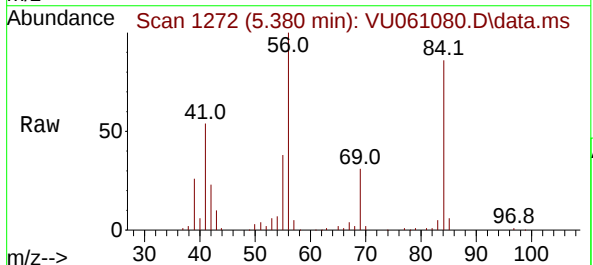
Instrument :
MSVOA_U
ClientSampleId :

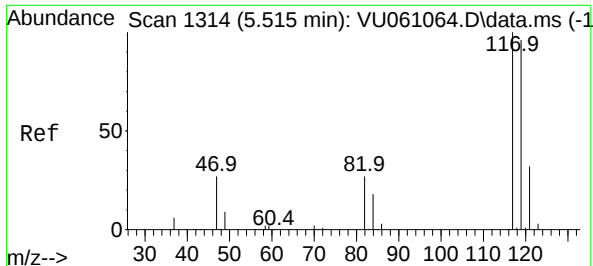
Tgt Ion:	97	Resp:	114786
Ion	Ratio	Lower	Upper
97	100		
99	64.3	50.5	75.7
61	47.6	34.4	51.6



#30
Cyclohexane
Concen: 5.894 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU061080.D
Acq: 02 Oct 2024 16:47

Tgt Ion:	56	Resp:	127431
Ion	Ratio	Lower	Upper
56	100		
69	30.4	25.4	38.0
84	81.4	71.0	106.6

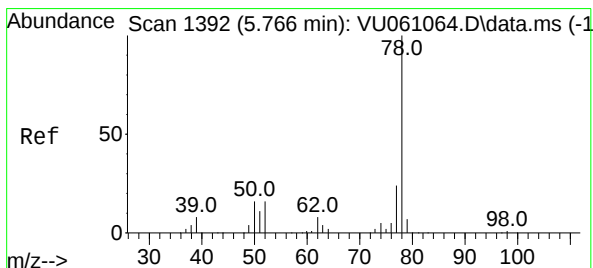
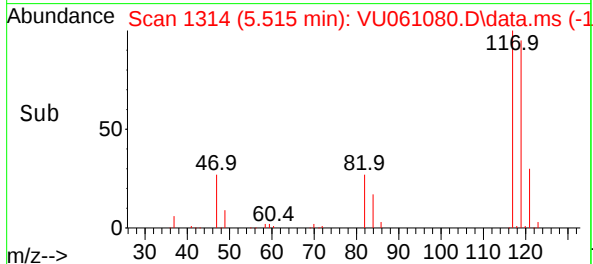
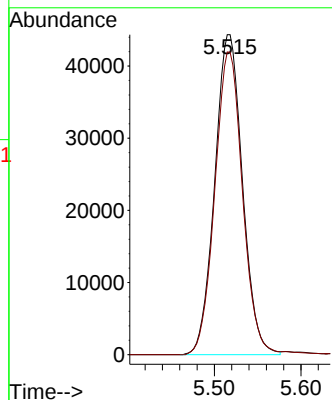
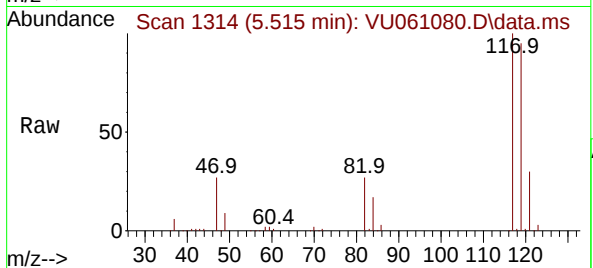




#31
Carbon tetrachloride
Concen: 5.988 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU061080.D
Acq: 02 Oct 2024 16:47

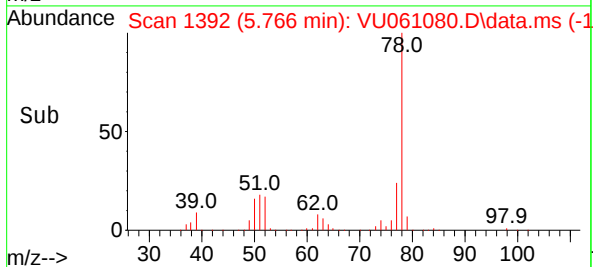
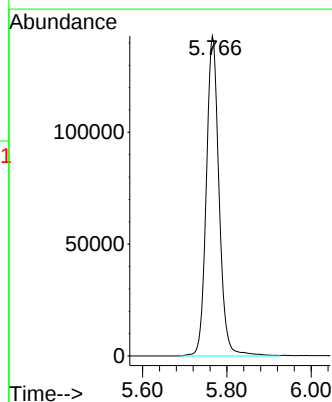
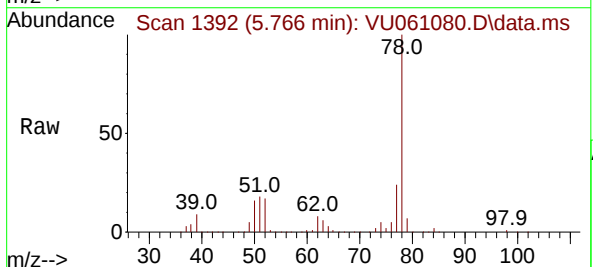
Instrument :
MSVOA_U
ClientSampleId :

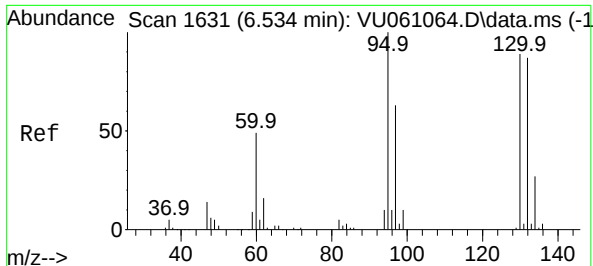
Tgt Ion:117 Resp: 98621
Ion Ratio Lower Upper
117 100
119 95.3 76.3 114.5



#33
Benzene
Concen: 6.102 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU061080.D
Acq: 02 Oct 2024 16:47

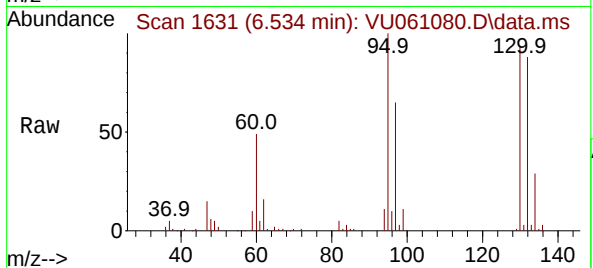
Tgt Ion: 78 Resp: 301689





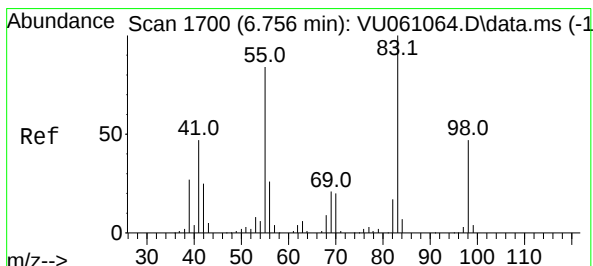
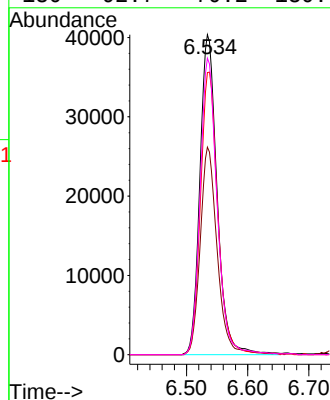
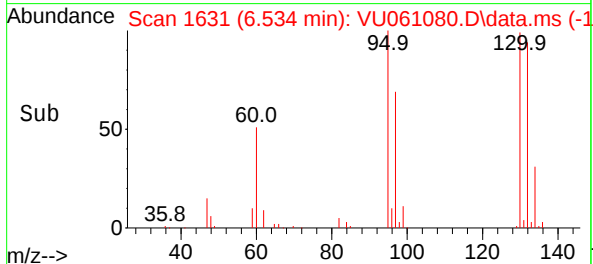
#34
Trichloroethene
Concen: 5.891 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU061080.D
Acq: 02 Oct 2024 16:47

Instrument :
MSVOA_U
ClientSampleId :

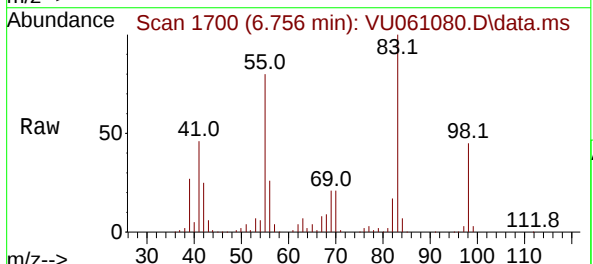


Tgt Ion: 95 Resp: 78957

Ion	Ratio	Lower	Upper
95	100		
97	64.9	44.9	83.5
132	88.1	63.5	117.9
130	92.7	70.2	130.4

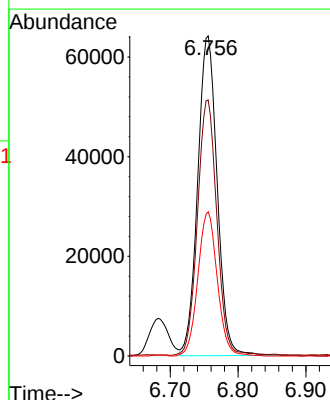
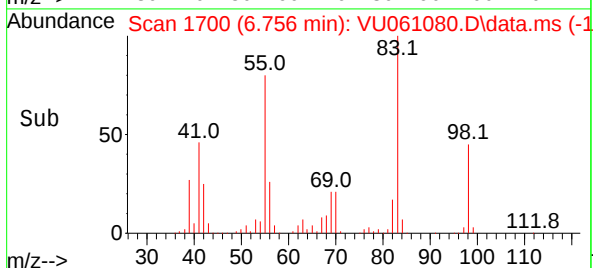


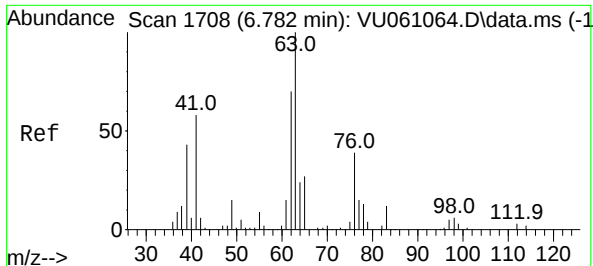
#35
Methylcyclohexane
Concen: 5.928 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU061080.D
Acq: 02 Oct 2024 16:47



Tgt Ion: 83 Resp: 128291

Ion	Ratio	Lower	Upper
83	100		
55	79.2	62.6	94.0
98	45.0	37.6	56.4

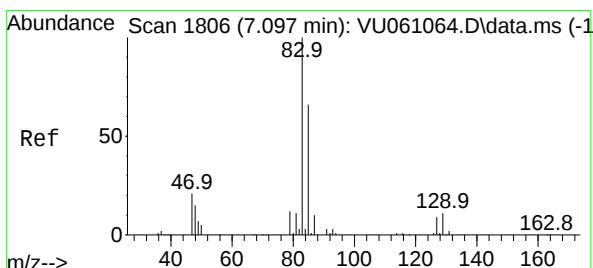
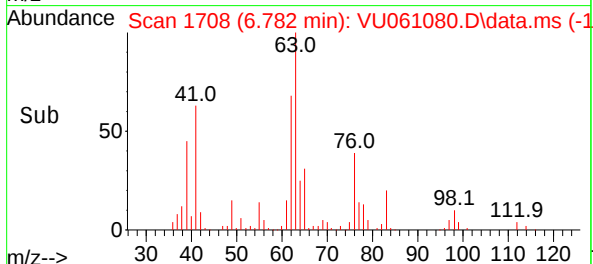
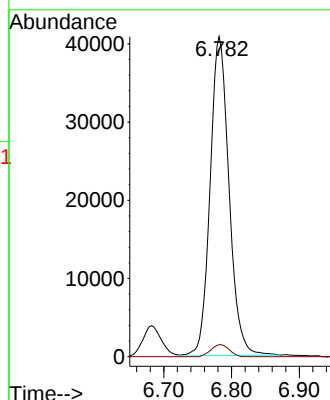
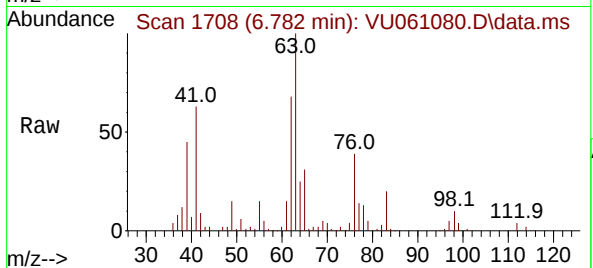




#37
1,2-Dichloropropane
Concen: 6.077 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU061080.D
Acq: 02 Oct 2024 16:47

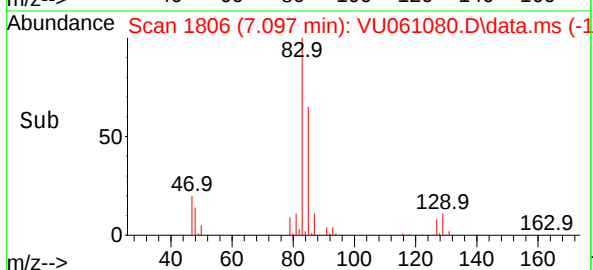
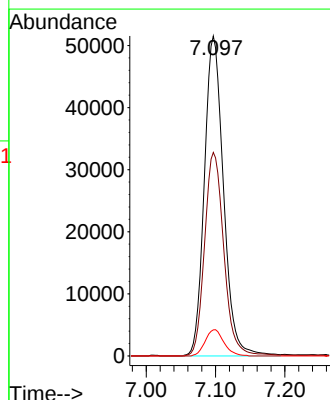
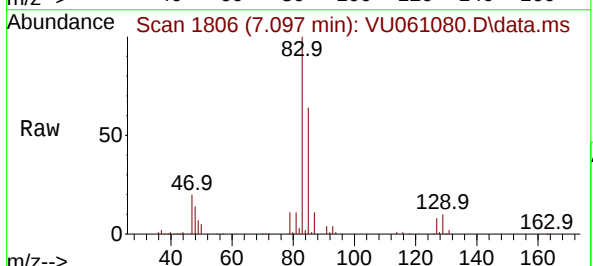
Instrument :
MSVOA_U
ClientSampleId :

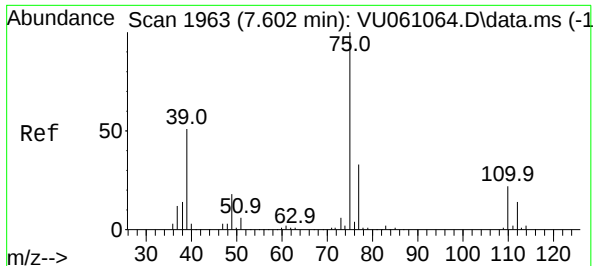
Tgt Ion: 63 Resp: 79175
Ion Ratio Lower Upper
63 100
112 3.6 2.0 3.0#



#38
Bromodichloromethane
Concen: 6.066 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU061080.D
Acq: 02 Oct 2024 16:47

Tgt Ion: 83 Resp: 98801
Ion Ratio Lower Upper
83 100
85 63.6 45.6 84.8
127 8.1 7.0 10.6

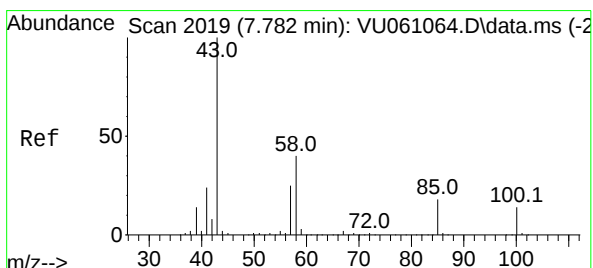
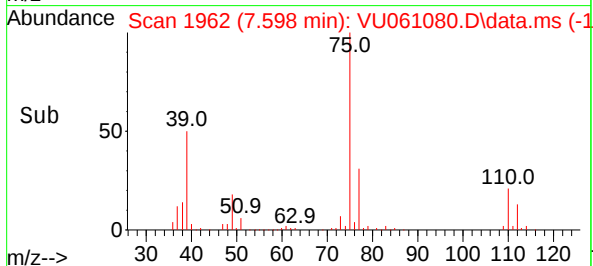
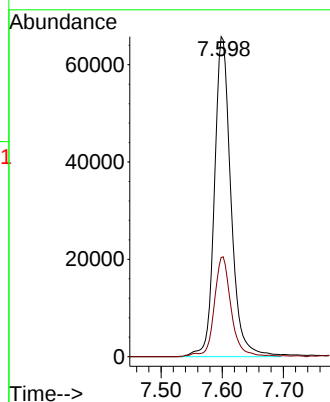
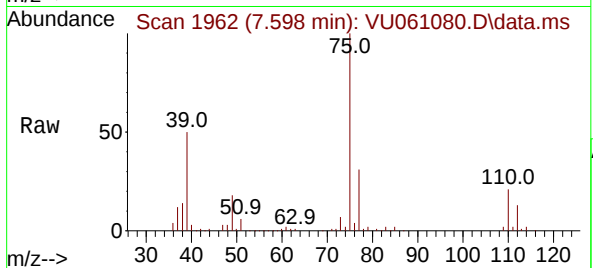




#39
cis-1,3-Dichloropropene
Concen: 6.054 ug/L
RT: 7.598 min Scan# 1962
Delta R.T. -0.003 min
Lab File: VU061080.D
Acq: 02 Oct 2024 16:47

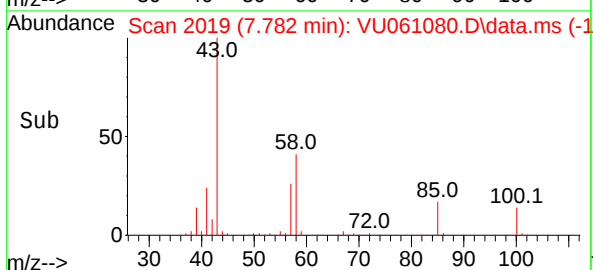
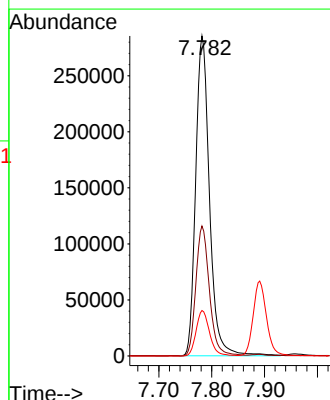
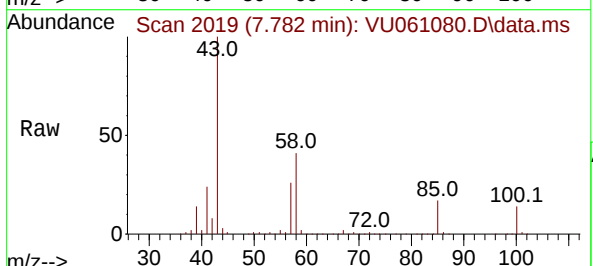
Instrument :
MSVOA_U
ClientSampleId :

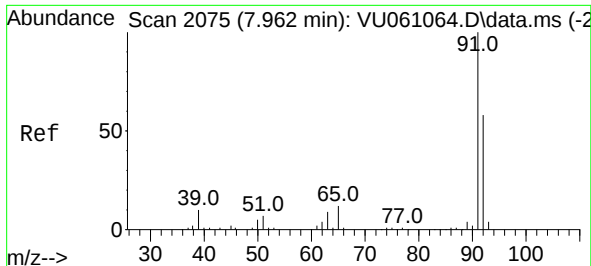
Tgt Ion: 75 Resp: 123676
Ion Ratio Lower Upper
75 100
77 31.0 21.3 39.5



#40
4-Methyl-2-pentanone
Concen: 61.919 ug/L
RT: 7.782 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VU061080.D
Acq: 02 Oct 2024 16:47

Tgt Ion: 43 Resp: 516715
Ion Ratio Lower Upper
43 100
58 40.1 34.9 52.3
100 13.9 13.4 20.0





#42

Toluene

Concen: 6.041 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU061080.D

Acq: 02 Oct 2024 16:47

Instrument :

MSVOA_U

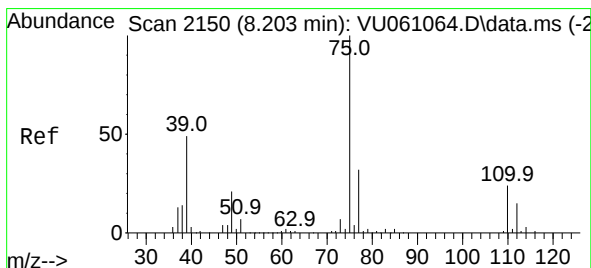
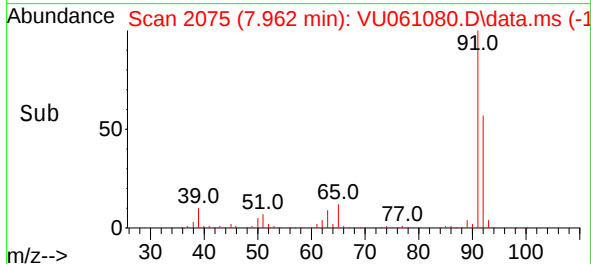
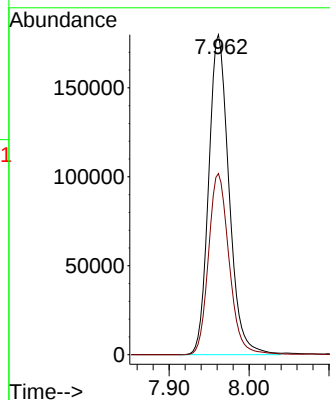
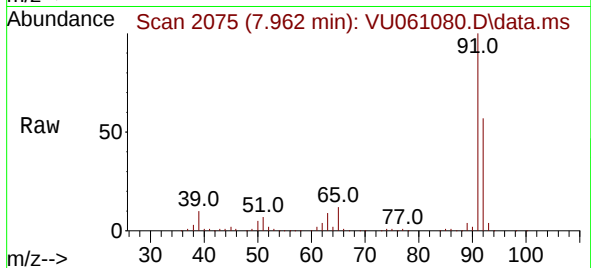
ClientSampleId :

Tgt Ion: 91 Resp: 318155

Ion Ratio Lower Upper

91 100

92 56.6 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.943 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU061080.D

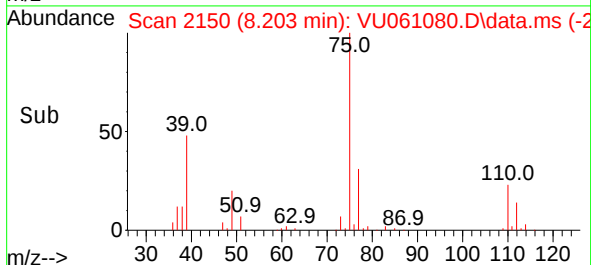
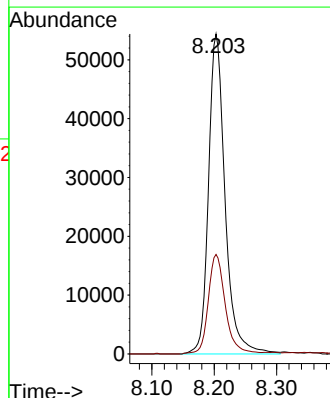
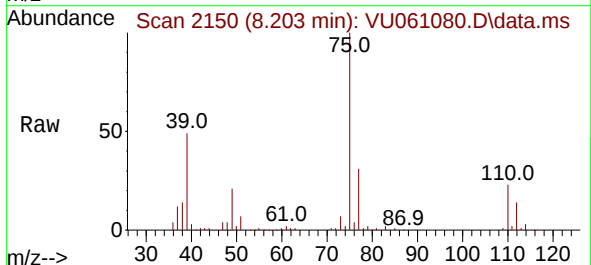
Acq: 02 Oct 2024 16:47

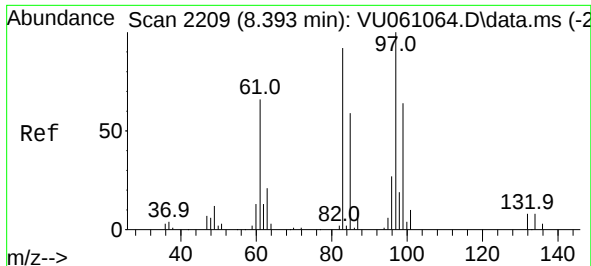
Tgt Ion: 75 Resp: 100395

Ion Ratio Lower Upper

75 100

77 31.1 23.1 42.9





#45

1,1,2-Trichloroethane

Concen: 6.008 ug/L

RT: 8.389 min Scan# 2209

Delta R.T. -0.004 min

Lab File: VU061080.D

Acq: 02 Oct 2024 16:47

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 51876

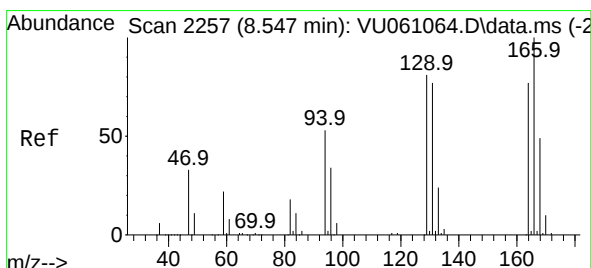
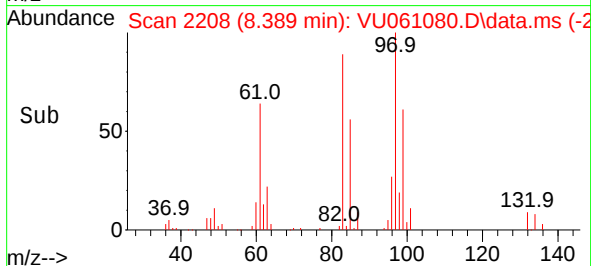
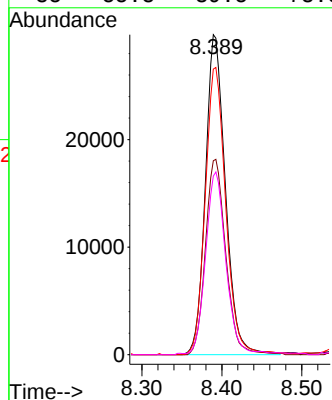
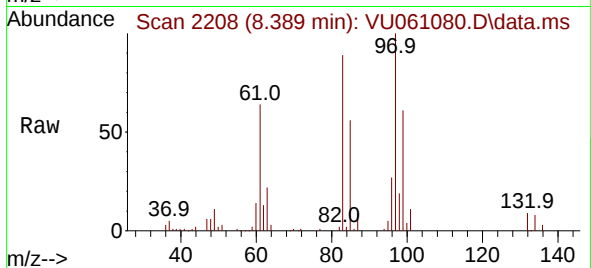
Ion Ratio Lower Upper

97 100

99 60.6 42.3 78.5

83 89.2 61.7 114.5

85 55.8 39.5 73.3



#47

Tetrachloroethene

Concen: 6.151 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU061080.D

Acq: 02 Oct 2024 16:47

Tgt Ion:164 Resp: 53648

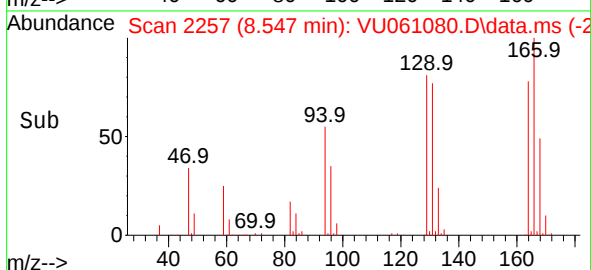
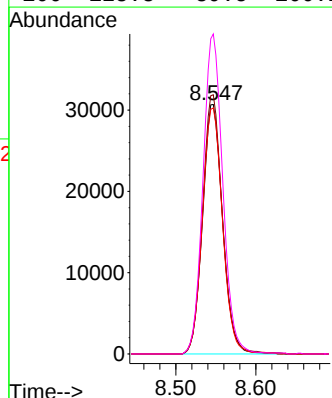
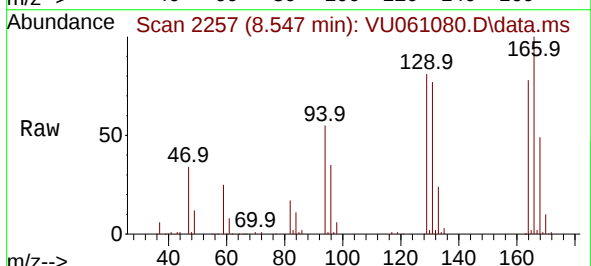
Ion Ratio Lower Upper

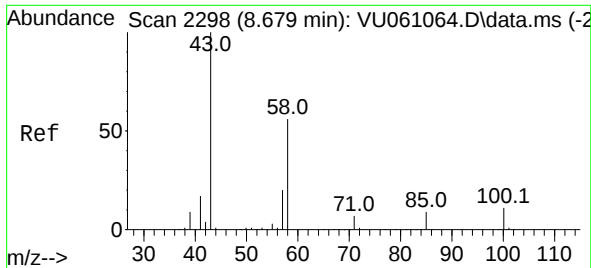
164 100

129 103.9 67.3 124.9

131 98.7 65.4 121.4

166 128.3 89.5 166.1



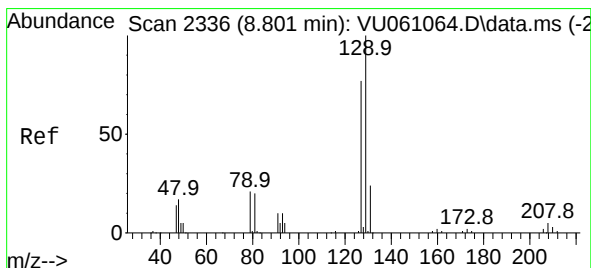
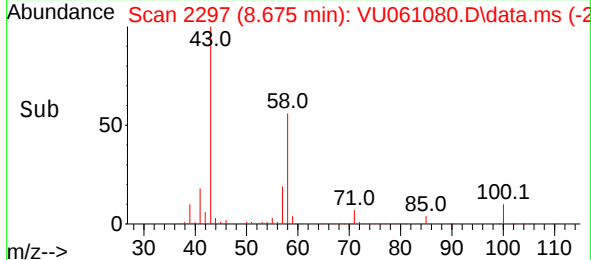
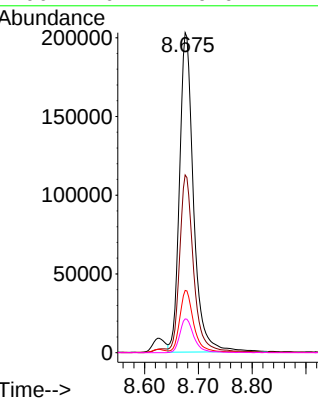
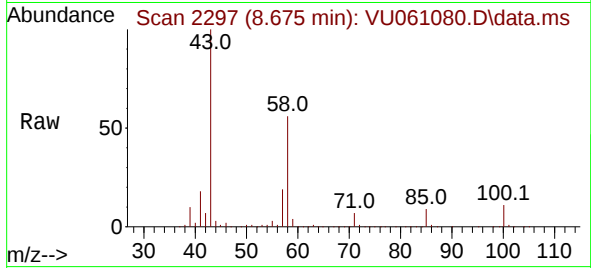


#48
2-Hexanone
Concen: 63.320 ug/L
RT: 8.675 min Scan# 2298
Delta R.T. -0.003 min
Lab File: VU061080.D
Acq: 02 Oct 2024 16:47

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 366346

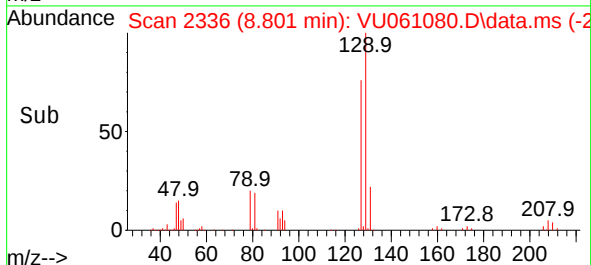
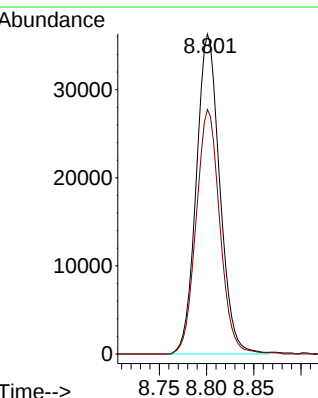
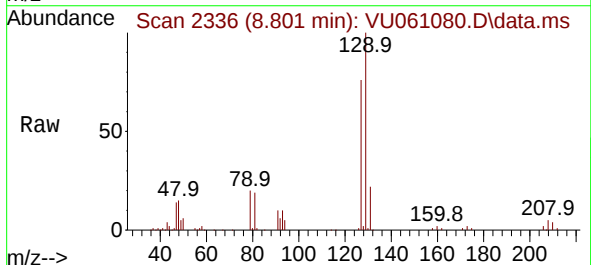
Ion	Ratio	Lower	Upper
43	100		
58	55.0	48.3	72.5
57	19.3	15.9	23.9
100	10.7	9.9	14.9

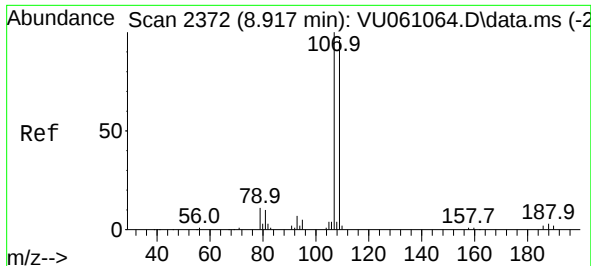


#49
Dibromochloromethane
Concen: 6.245 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU061080.D
Acq: 02 Oct 2024 16:47

Tgt Ion: 129 Resp: 62741

Ion	Ratio	Lower	Upper
129	100		
127	76.4	56.1	104.1





#50

1,2-Dibromoethane

Concen: 6.156 ug/L

RT: 8.917 min Scan# 24

Delta R.T. -0.000 min

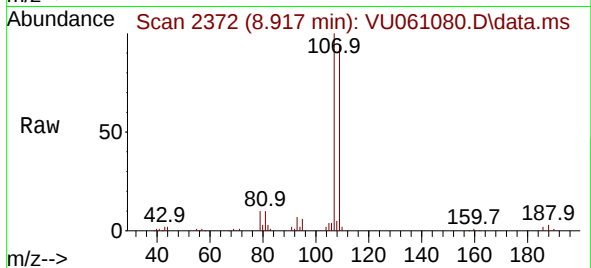
Lab File: VU061080.D

Acq: 02 Oct 2024 16:47

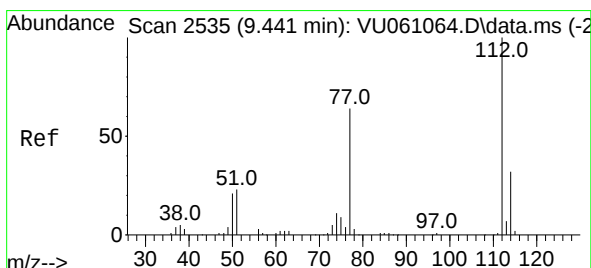
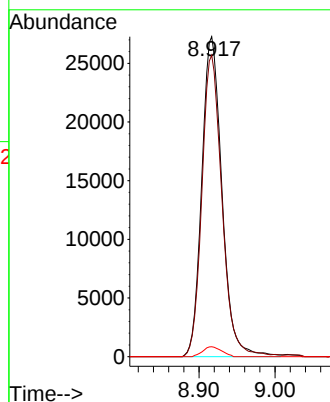
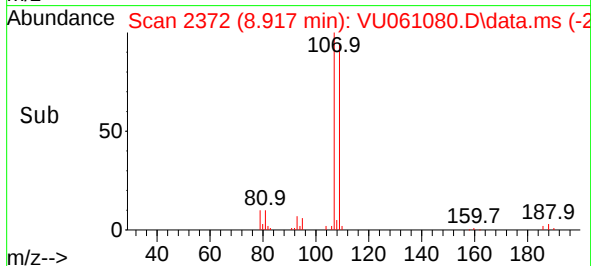
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	107	Resp:	50315
Ion	Ratio	Lower	Upper
107	100		
109	94.2	66.8	124.0
188	3.1	3.4	5.0#



#51

Chlorobenzene

Concen: 6.135 ug/L

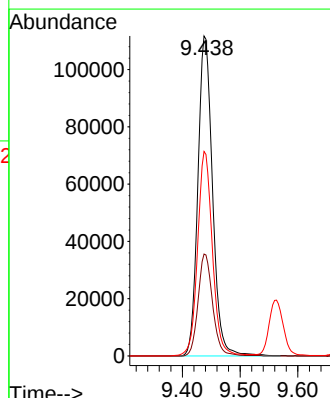
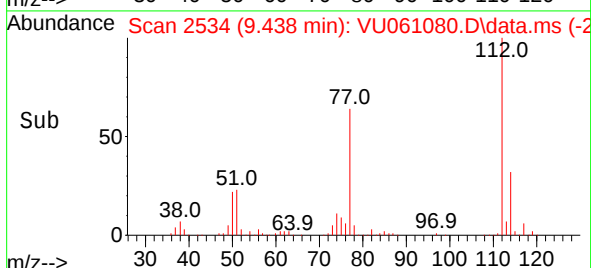
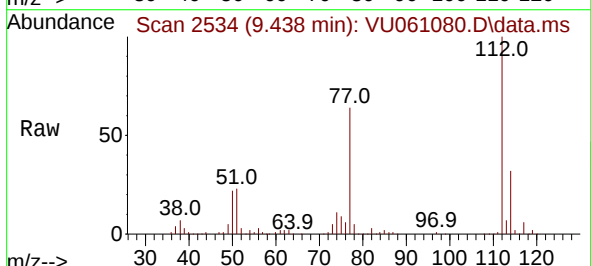
RT: 9.438 min Scan# 2534

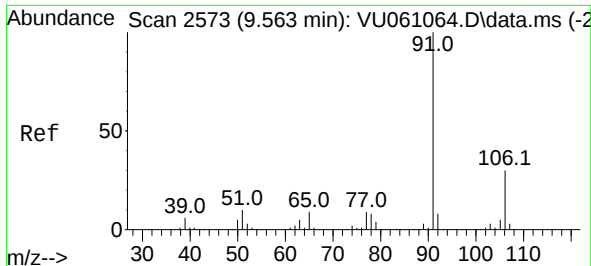
Delta R.T. -0.004 min

Lab File: VU061080.D

Acq: 02 Oct 2024 16:47

Tgt Ion:	112	Resp:	196810
Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.2	41.2
77	63.9	46.1	69.1





#52

Ethylbenzene

Concen: 6.053 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. -0.000 min

Lab File: VU061080.D

Acq: 02 Oct 2024 16:47

Instrument :

MSVOA_U

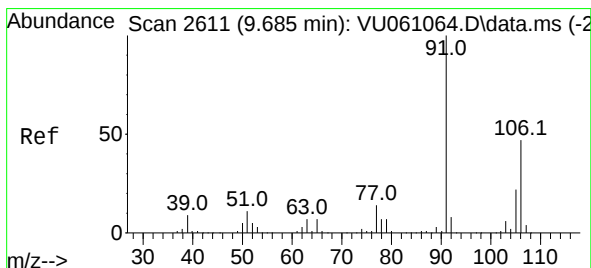
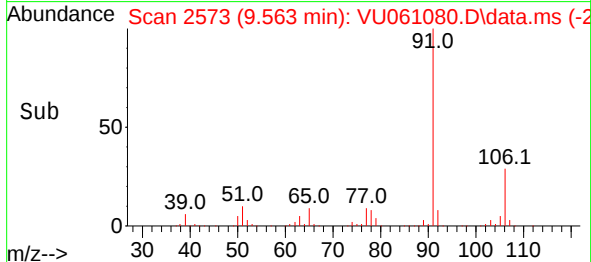
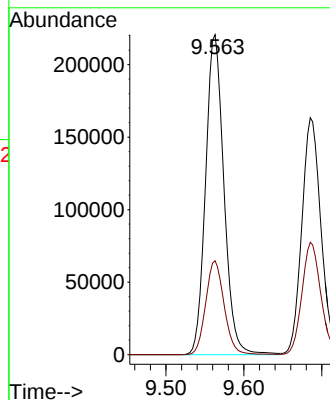
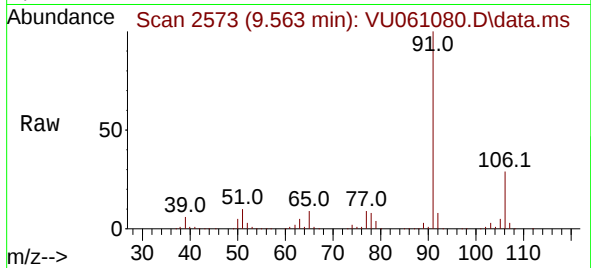
ClientSampleId :

Tgt Ion: 91 Resp: 361306

Ion Ratio Lower Upper

91 100

106 29.3 21.8 40.6



#53

m,p-Xylene

Concen: 6.013 ug/L

RT: 9.685 min Scan# 2611

Delta R.T. -0.000 min

Lab File: VU061080.D

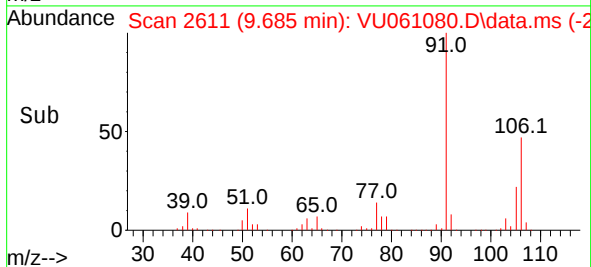
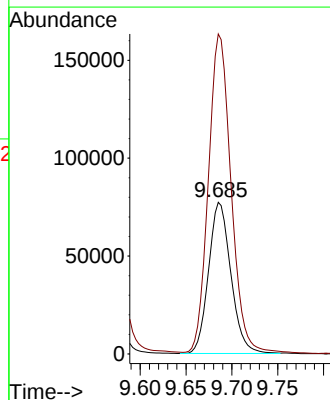
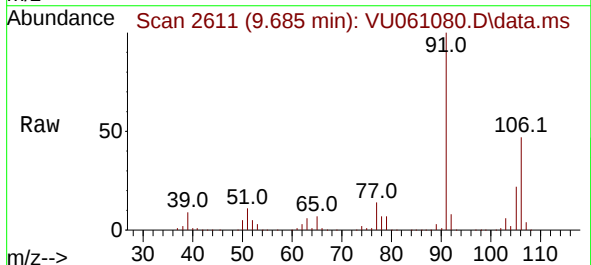
Acq: 02 Oct 2024 16:47

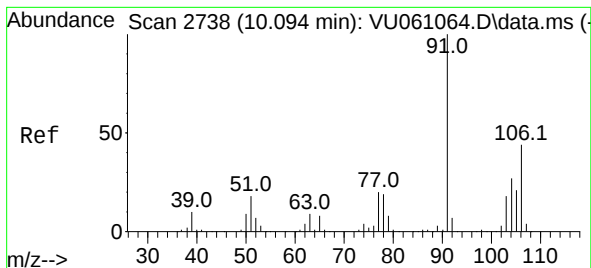
Tgt Ion:106 Resp: 130924

Ion Ratio Lower Upper

106 100

91 211.0 139.7 259.4

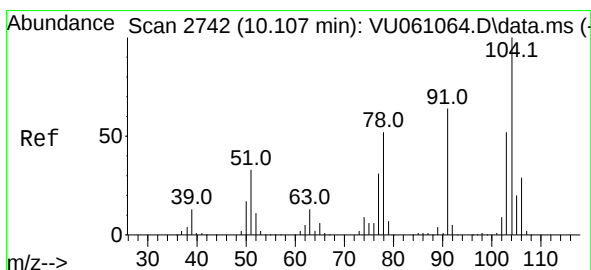
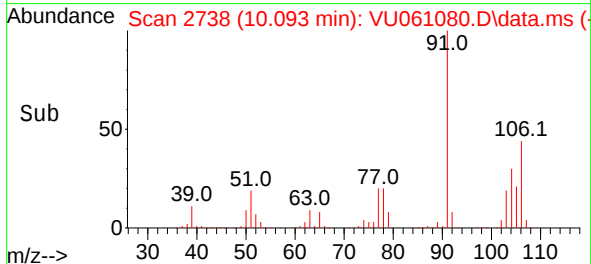
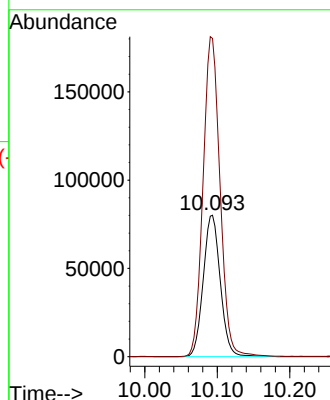
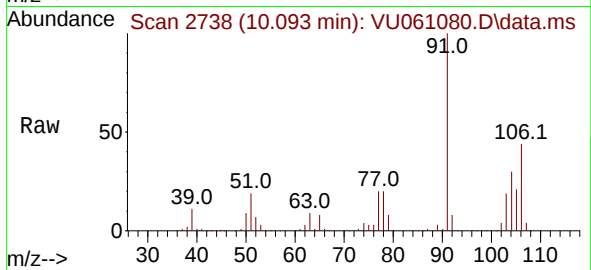




#54
o-Xylene
Concen: 6.110 ug/L
RT: 10.093 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU061080.D
Acq: 02 Oct 2024 16:47

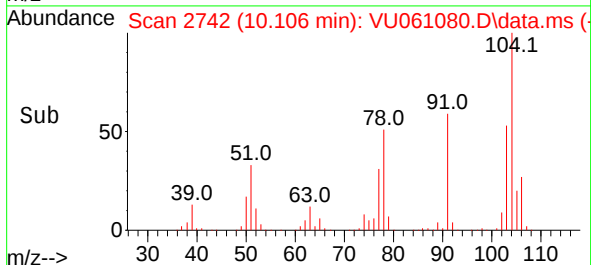
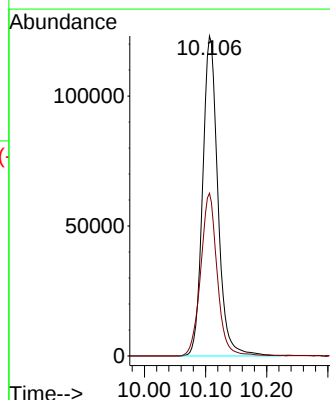
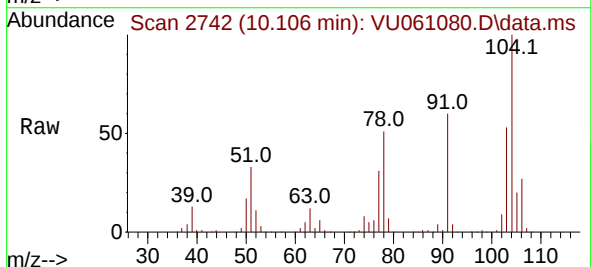
Instrument :
MSVOA_U
ClientSampleId :

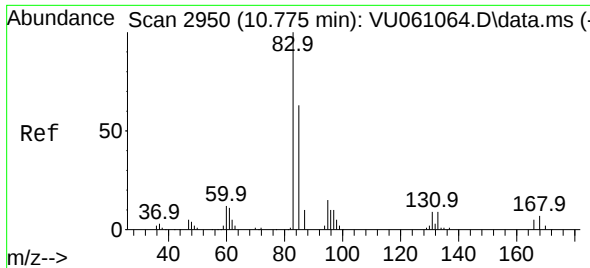
Tgt Ion:106 Resp: 130874
Ion Ratio Lower Upper
106 100
91 224.8 148.6 276.0



#55
Styrene
Concen: 6.172 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU061080.D
Acq: 02 Oct 2024 16:47

Tgt Ion:104 Resp: 213366
Ion Ratio Lower Upper
104 100
78 50.8 31.7 58.9





#57

1,1,2,2-Tetrachloroethane

Concen: 6.182 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.003 min

Lab File: VU061080.D

Acq: 02 Oct 2024 16:47

Instrument :

MSVOA_U

ClientSampleId :

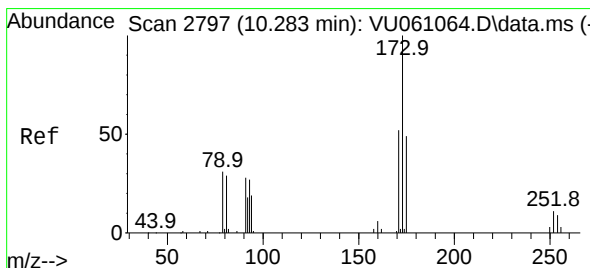
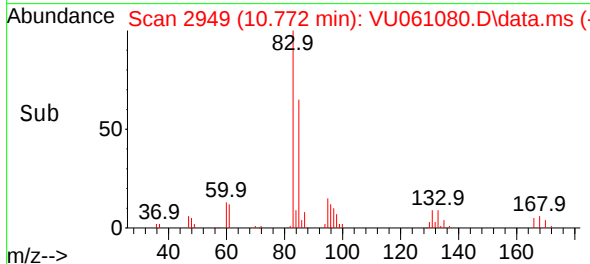
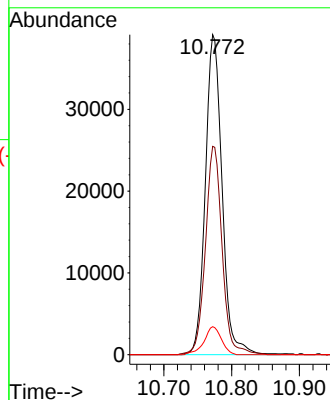
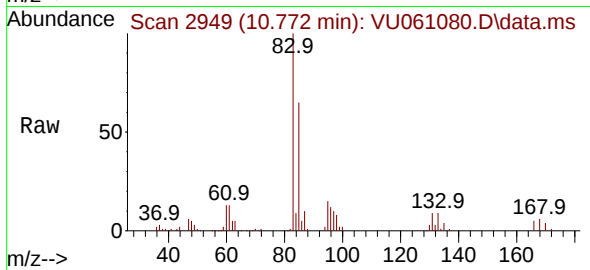
Tgt Ion: 83 Resp: 67081

Ion Ratio Lower Upper

83 100

85 65.1 42.9 79.7

131 8.8 8.4 12.6



#59

Bromoform

Concen: 5.993 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU061080.D

Acq: 02 Oct 2024 16:47

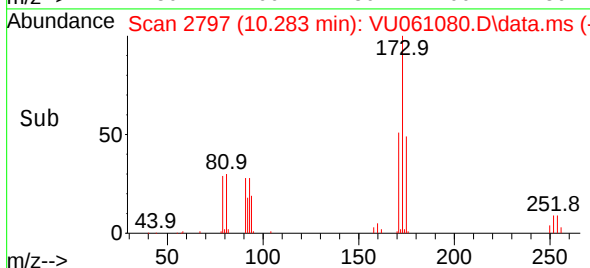
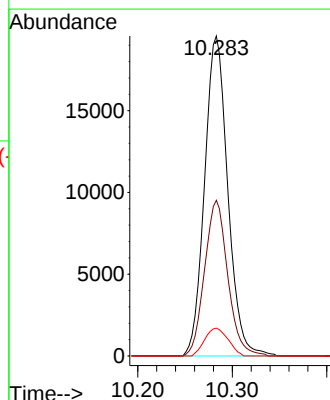
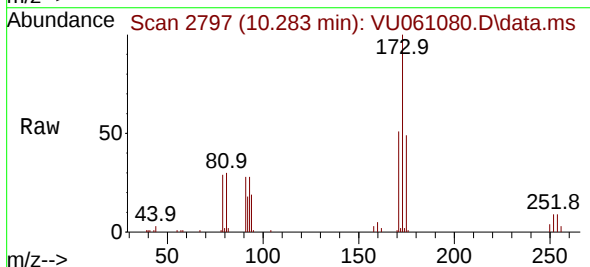
Tgt Ion:173 Resp: 33379

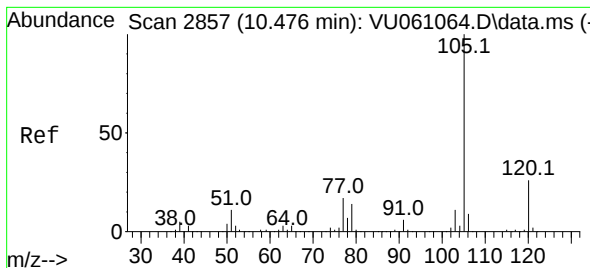
Ion Ratio Lower Upper

173 100

175 48.5 39.1 58.7

254 8.7 8.7 13.1#





#60

Isopropylbenzene

Concen: 5.997 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU061080.D

Acq: 02 Oct 2024 16:47

Instrument :

MSVOA_U

ClientSampleId :

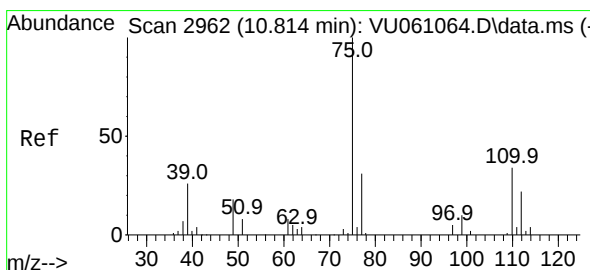
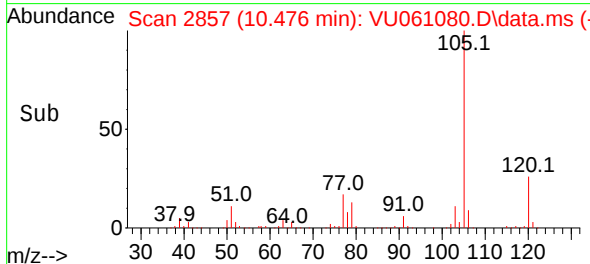
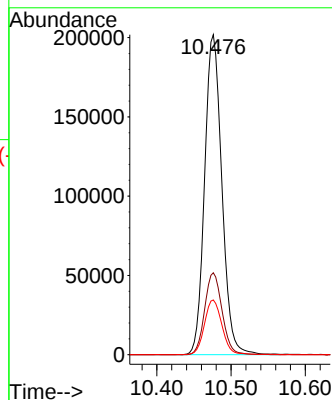
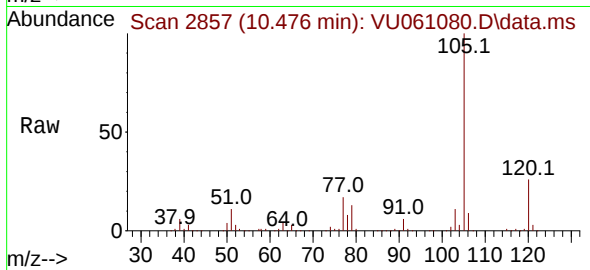
Tgt Ion:105 Resp: 325503

Ion Ratio Lower Upper

105 100

120 25.8 21.5 32.3

77 17.4 12.6 18.8



#61

1,2,3-Trichloropropane

Concen: 5.962 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.000 min

Lab File: VU061080.D

Acq: 02 Oct 2024 16:47

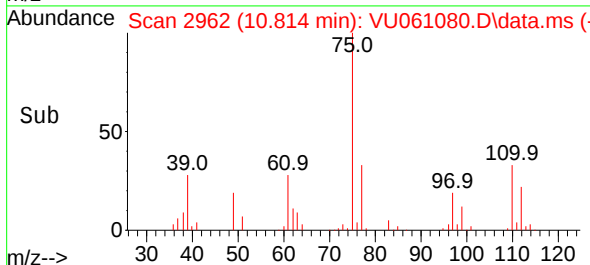
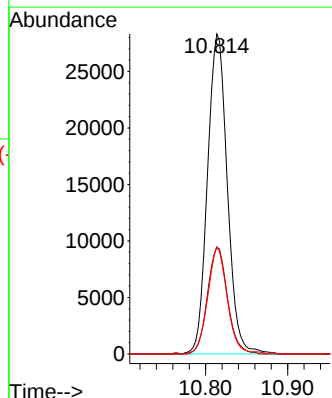
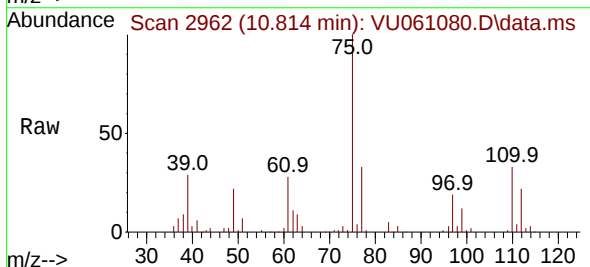
Tgt Ion: 75 Resp: 47532

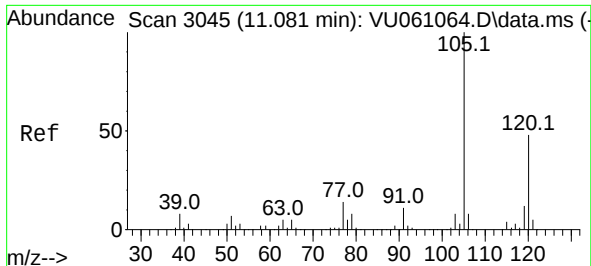
Ion Ratio Lower Upper

75 100

110 33.7 28.6 43.0

77 32.9 26.3 39.5





#62

1,3,5-Trimethylbenzene

Concen: 5.960 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU061080.D

Acq: 02 Oct 2024 16:47

Instrument :

MSVOA_U

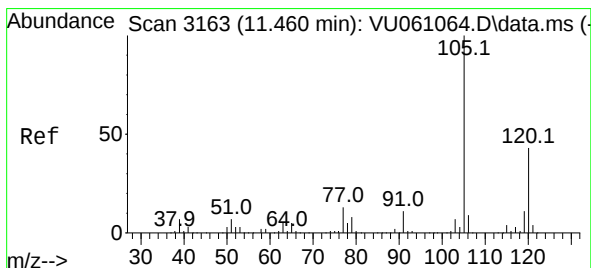
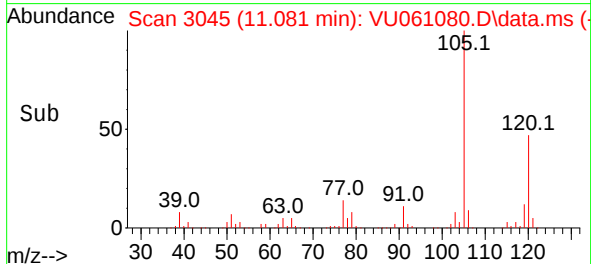
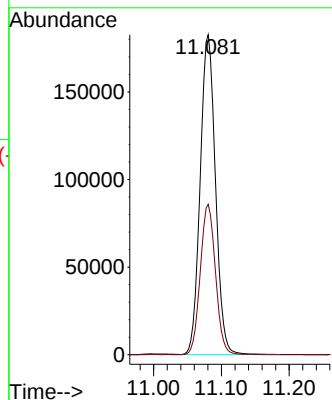
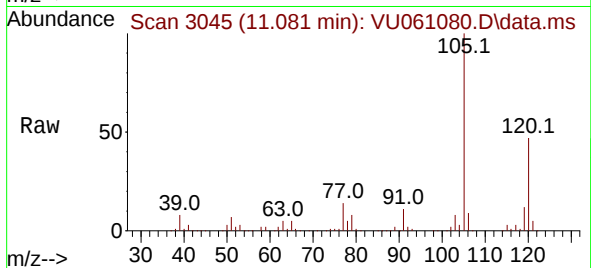
ClientSampleId :

Tgt Ion:105 Resp: 285046

Ion Ratio Lower Upper

105 100

120 46.8 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 5.966 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU061080.D

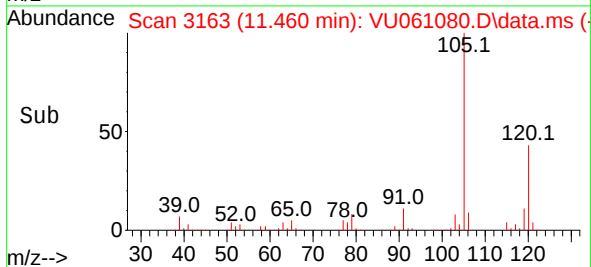
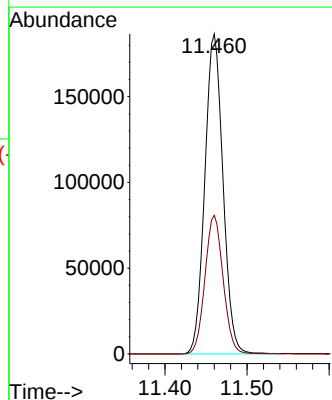
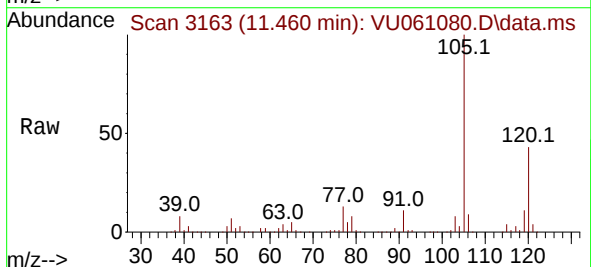
Acq: 02 Oct 2024 16:47

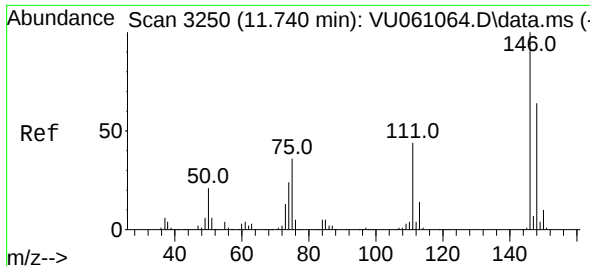
Tgt Ion:105 Resp: 288044

Ion Ratio Lower Upper

105 100

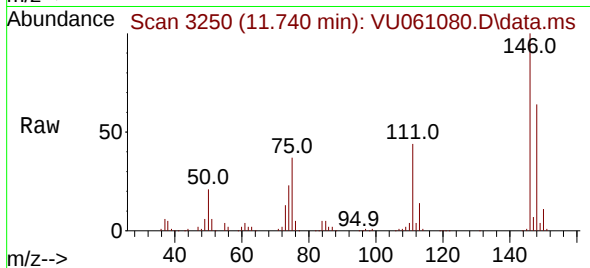
120 43.3 36.1 54.1



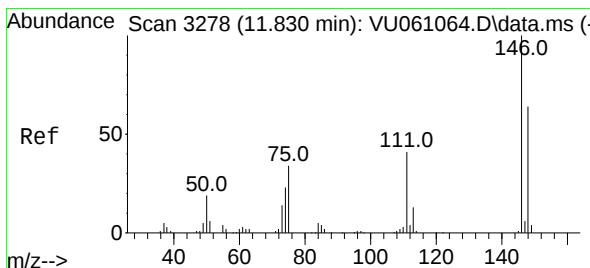
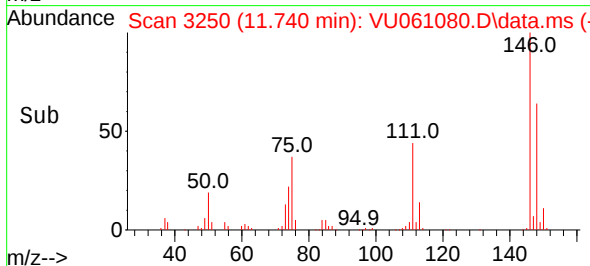
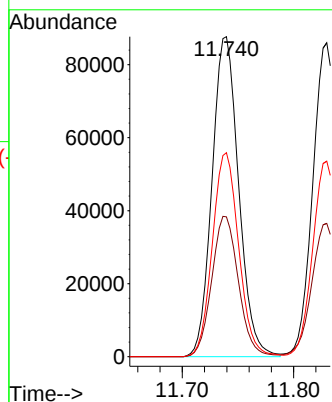


#64
1,3-Dichlorobenzene
Concen: 6.263 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VU061080.D
Acq: 02 Oct 2024 16:47

Instrument :
MSVOA_U
ClientSampleId :

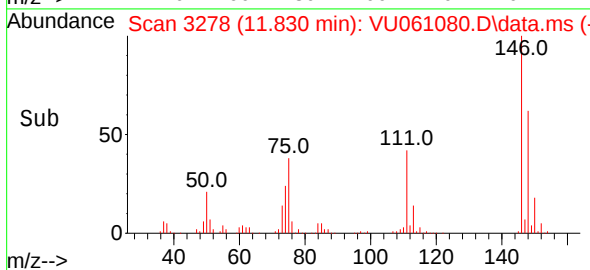
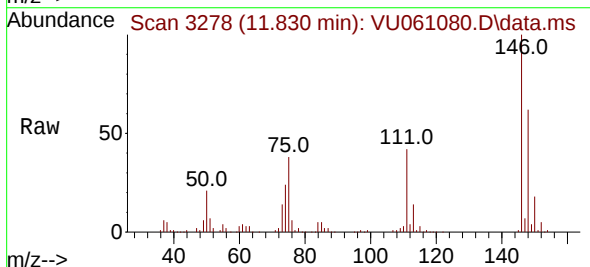
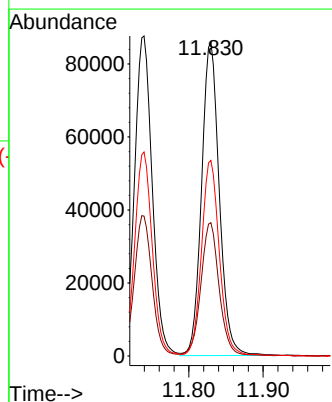


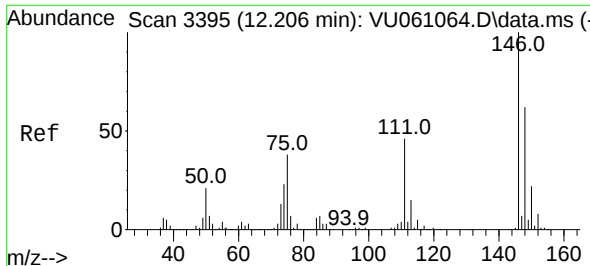
Tgt Ion:146 Resp: 145705
Ion Ratio Lower Upper
146 100
111 43.7 27.5 51.1
148 63.7 43.7 81.1



#65
1,4-Dichlorobenzene
Concen: 6.193 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU061080.D
Acq: 02 Oct 2024 16:47

Tgt Ion:146 Resp: 142422
Ion Ratio Lower Upper
146 100
111 42.5 26.3 48.9
148 62.3 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 6.093 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU061080.D

Acq: 02 Oct 2024 16:47

Instrument :

MSVOA_U

ClientSampleId :

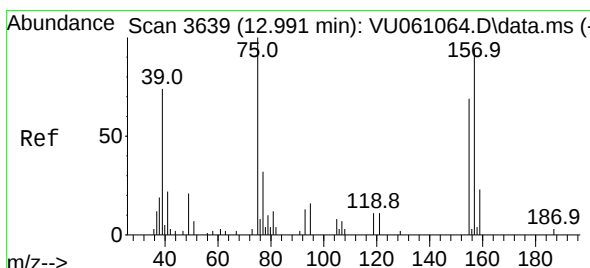
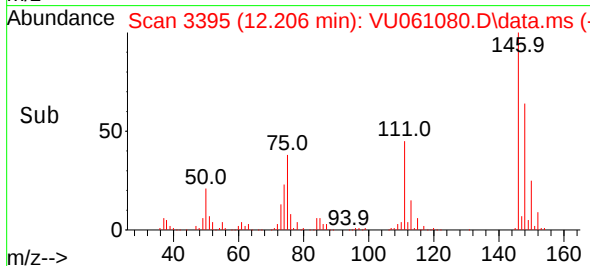
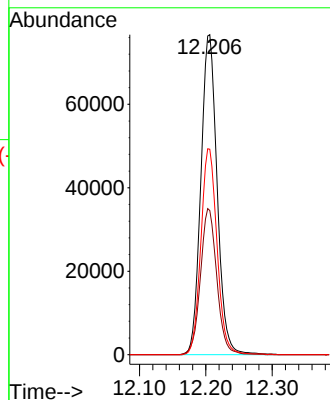
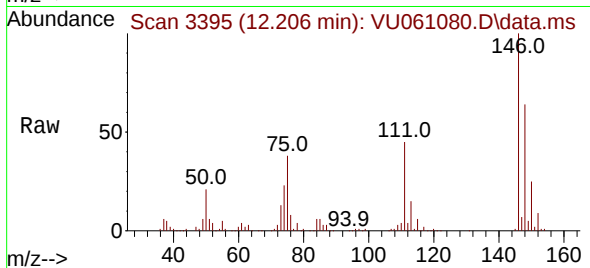
Tgt Ion:146 Resp: 130993

Ion Ratio Lower Upper

146 100

111 45.1 33.4 50.0

148 64.2 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 6.082 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.004 min

Lab File: VU061080.D

Acq: 02 Oct 2024 16:47

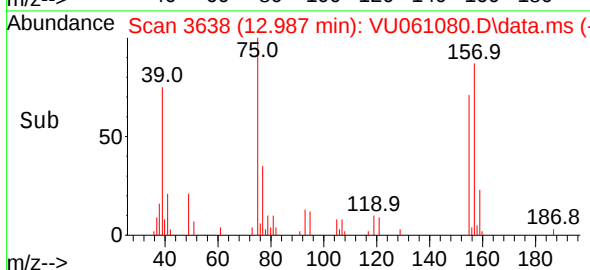
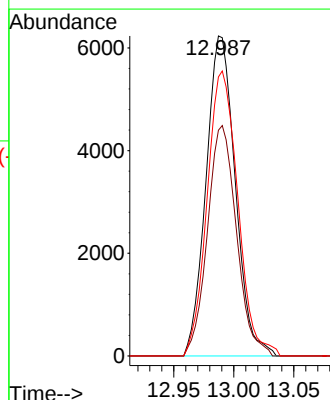
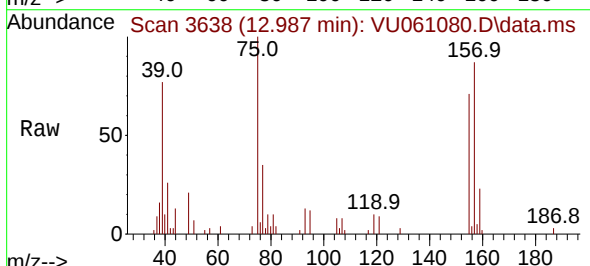
Tgt Ion: 75 Resp: 10575

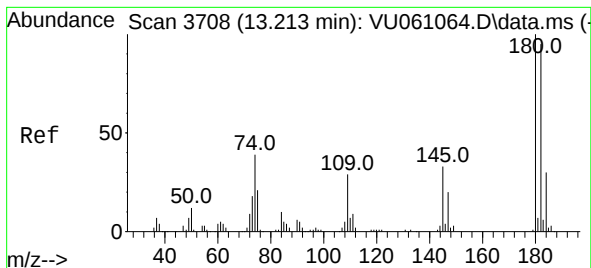
Ion Ratio Lower Upper

75 100

155 70.6 73.1 109.7#

157 87.2 91.0 136.4#





#69

1,3,5-Trichlorobenzene

Concen: 6.028 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.000 min

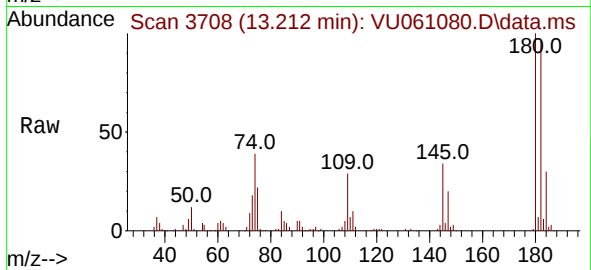
Lab File: VU061080.D

Acq: 02 Oct 2024 16:47

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 98736

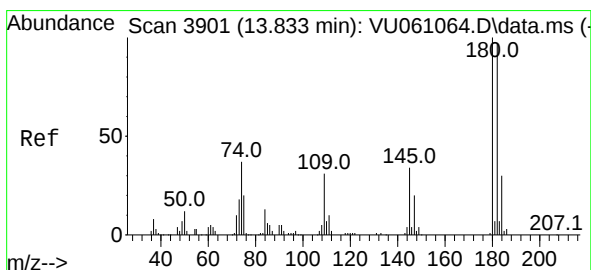
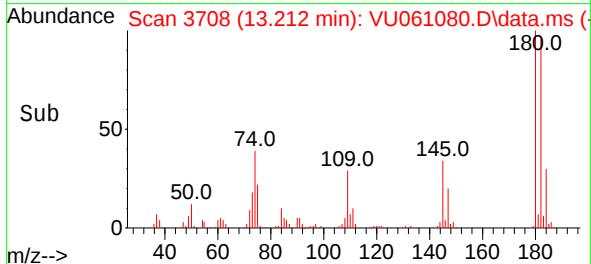
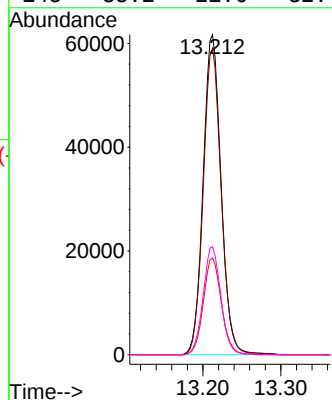
Ion Ratio Lower Upper

180 100

182 95.8 74.5 111.7

184 30.3 23.2 34.8

145 33.2 21.6 32.4#



#70

1,2,4-trichlorobenzene

Concen: 6.302 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU061080.D

Acq: 02 Oct 2024 16:47

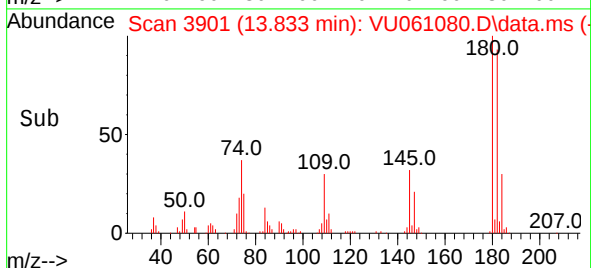
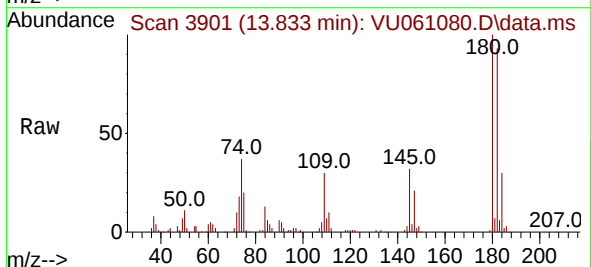
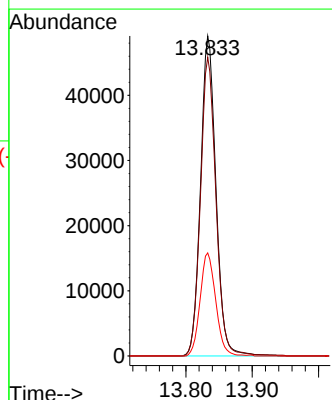
Tgt Ion:180 Resp: 79105

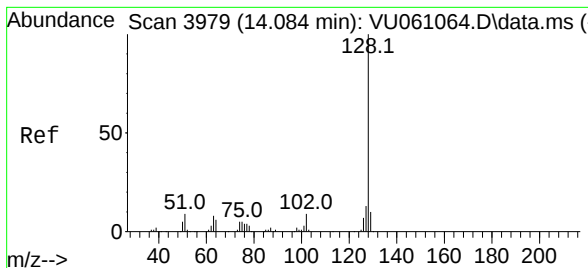
Ion Ratio Lower Upper

180 100

182 94.3 77.4 116.2

145 32.7 22.9 34.3





#71

Naphthalene

Concen: 6.252 ug/L

RT: 14.080 min Scan# 3979

Delta R.T. -0.004 min

Lab File: VU061080.D

Acq: 02 Oct 2024 16:47

Instrument :

MSVOA_U

ClientSampleId :

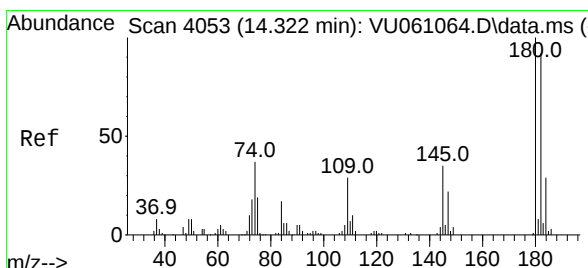
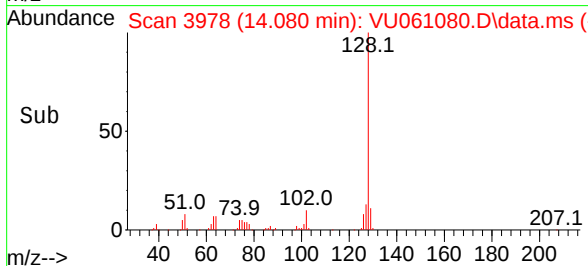
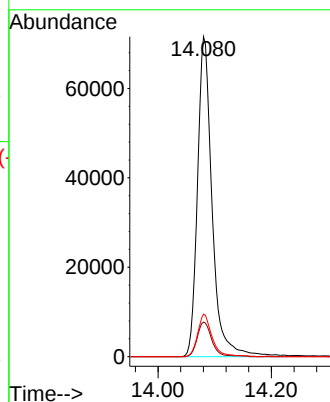
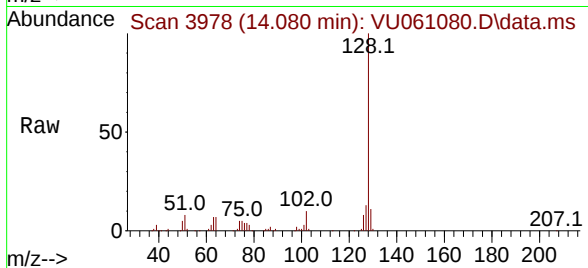
Tgt Ion:128 Resp: 128200

Ion Ratio Lower Upper

128 100

129 10.6 8.3 12.5

127 12.9 10.7 16.1



#72

1,2,3-Trichlorobenzene

Concen: 6.066 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.000 min

Lab File: VU061080.D

Acq: 02 Oct 2024 16:47

Tgt Ion:180 Resp: 63360

Ion Ratio Lower Upper

180 100

182 95.4 75.7 113.5

145 35.1 23.5 35.3

