

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102824\
 Data File : VU061268.D
 Acq On : 28 Oct 2024 15:53
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 29 04:48:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 29 04:45:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	180802	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	163392	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	78412	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	45617	3.714	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.200%
7) Chloroethane-d5	1.911	69	44809	3.980	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.600%
11) 1,1-Dichloroethene-d2	2.560	65	20259	3.855	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.200%
20) 2-Butanone-d5	4.628	46	126232	50.623	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.240%
24) Chloroform-d	5.055	84	107615	4.616	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.695	65	53157	4.575	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.718	84	202150	4.391	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.682	67	63416	4.582	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.891	98	180385	4.190	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	8.174	79	24725	4.376	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.627	63	114361	49.419	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.840%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	51381	4.909	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	63443	4.569	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	60823	5.046	ug/L	99
3) Chloromethane	1.515	50	61790	4.861	ug/L	99
5) Vinyl chloride	1.599	62	69885	5.001	ug/L	99
6) Bromomethane	1.853	94	47671	5.148	ug/L	98
8) Chloroethane	1.930	64	50965	4.953	ug/L	97
9) Trichlorofluoromethane	2.133	101	99573	5.246	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	59448	5.274	ug/L	98
12) 1,1-Dichloroethene	2.573	96	54677	5.115	ug/L	91
13) Acetone	2.647	43	82952	52.522	ug/L	98
14) Carbon disulfide	2.785	76	180157	5.052	ug/L	99
15) Methyl Acetate	2.956	43	21015	5.373	ug/L	99
16) Methylene chloride	3.039	84	68457	5.435	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	159656	5.511	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	63519	5.374	ug/L	96
19) 1,1-Dichloroethane	3.859	63	120209	5.392	ug/L	99
21) 2-Butanone	4.708	43	139283	55.629	ug/L	100
22) cis-1,2-Dichloroethene	4.657	96	73398	5.436	ug/L	98
23) Bromochloromethane	4.965	128	32137	5.657	ug/L	96
25) Chloroform	5.078	83	126969	5.417	ug/L	99

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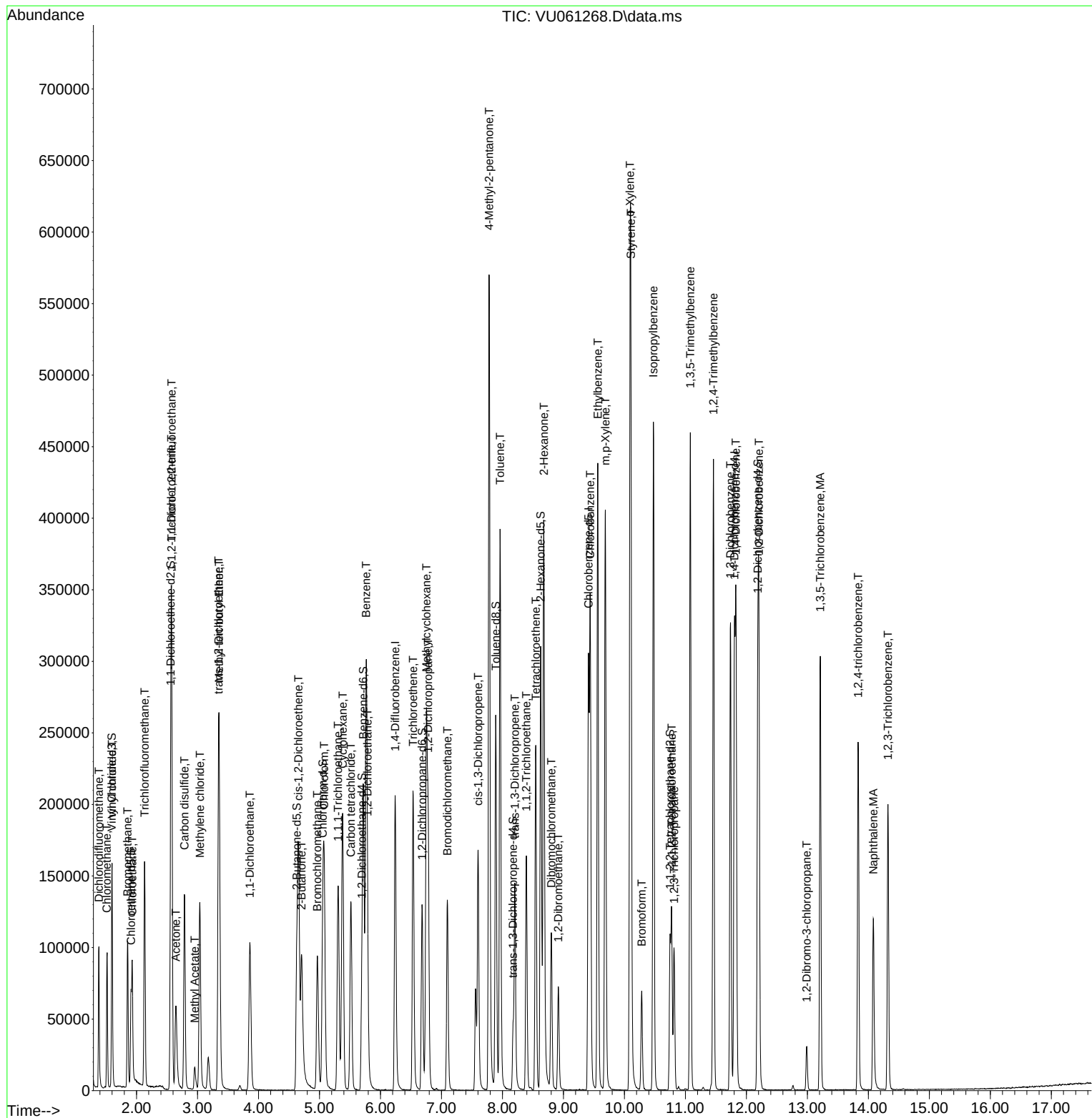
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	76665	5.176	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	106280	5.312	ug/L	99
30) Cyclohexane	5.380	56	100923	5.029	ug/L	98
31) Carbon tetrachloride	5.515	117	90339	5.277	ug/L	98
33) Benzene	5.766	78	273099	5.404	ug/L	100
34) Trichloroethene	6.534	95	72804	5.296	ug/L	99
35) Methylcyclohexane	6.753	83	111523	5.097	ug/L	98
37) 1,2-Dichloropropane	6.782	63	69763	5.447	ug/L	100
38) Bromodichloromethane	7.097	83	88793	5.478	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	104656	5.290	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	349932	54.894	ug/L	99
42) Toluene	7.962	91	292010	5.321	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	85457	5.302	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	51602	5.598	ug/L	98
47) Tetrachloroethene	8.547	164	52481	5.467	ug/L	98
48) 2-Hexanone	8.679	43	247683	54.945	ug/L	98
49) Dibromochloromethane	8.801	129	57090	5.461	ug/L	98
50) 1,2-Dibromoethane	8.917	107	47538	5.309	ug/L	90
51) Chlorobenzene	9.441	112	183572	5.293	ug/L	99
52) Ethylbenzene	9.563	91	317261	5.256	ug/L	100
53) m,p-Xylene	9.688	106	121316	5.276	ug/L	97
54) o-Xylene	10.094	106	120382	5.304	ug/L	99
55) Styrene	10.106	104	192789	5.299	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	61163	5.507	ug/L	100
59) Bromoform	10.283	173	30667	5.284	ug/L	99
60) Isopropylbenzene	10.476	105	310663	5.186	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	42433	5.432	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	251253	5.152	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	247406	5.133	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	134994	5.355	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	131867	5.131	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	125702	5.298	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	8498	5.181	ug/L	92
69) 1,3,5-Trichlorobenzene	13.212	180	92676	5.363	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	75233	5.395	ug/L	97
71) Naphthalene	14.084	128	109177	4.961	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	61346	5.258	ug/L	99

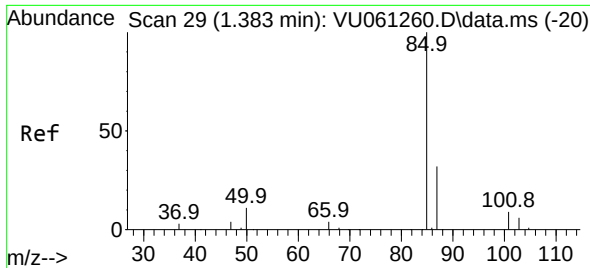
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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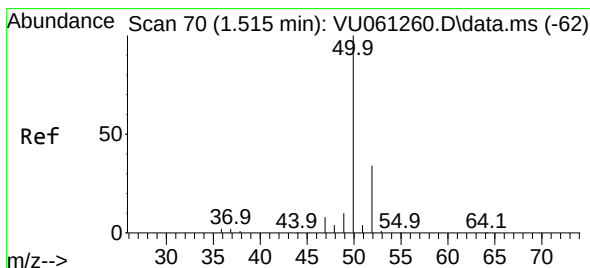
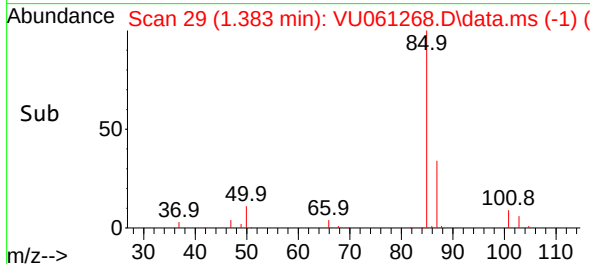
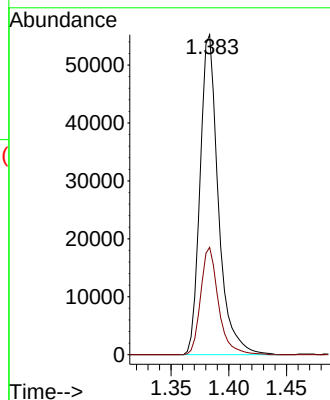
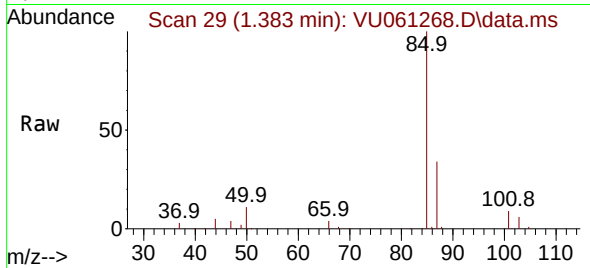




#2
 Dichlorodifluoromethane
 Concen: 5.046 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU061268.D
 Acq: 28 Oct 2024 15:53

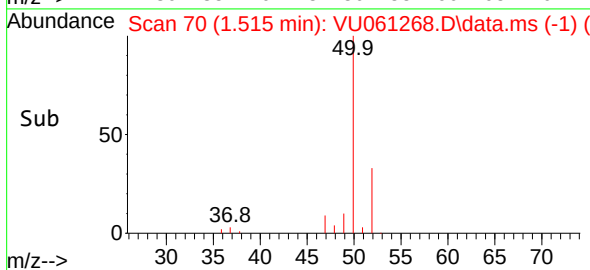
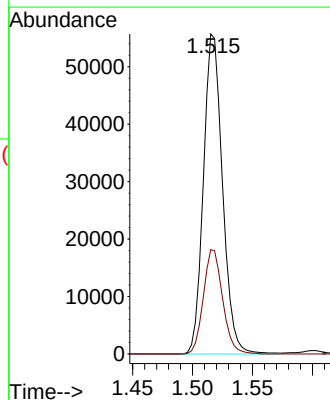
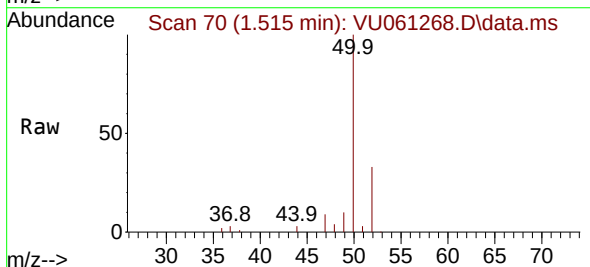
Instrument :
 MSVOA_U
 ClientSampleId :

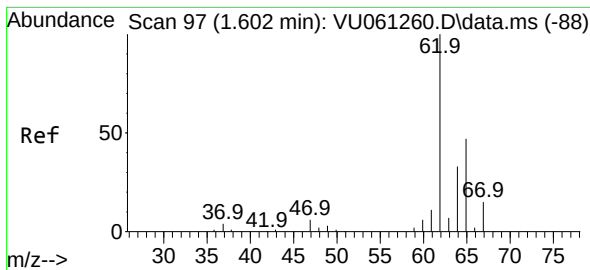
Tgt Ion: 85 Resp: 60823
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.7 38.5



#3
 Chloromethane
 Concen: 4.861 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU061268.D
 Acq: 28 Oct 2024 15:53

Tgt Ion: 50 Resp: 61790
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.4 43.4





#5

Vinyl chloride

Concen: 5.001 ug/L

RT: 1.599 min Scan# 90

Delta R.T. -0.003 min

Lab File: VU061268.D

Acq: 28 Oct 2024 15:53

Instrument :

MSVOA_U

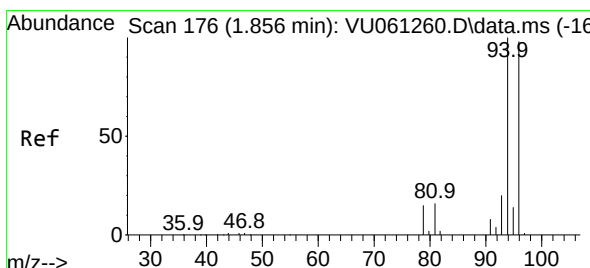
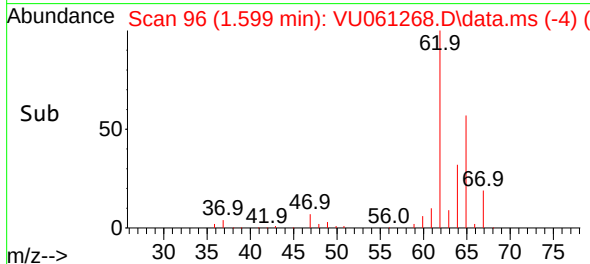
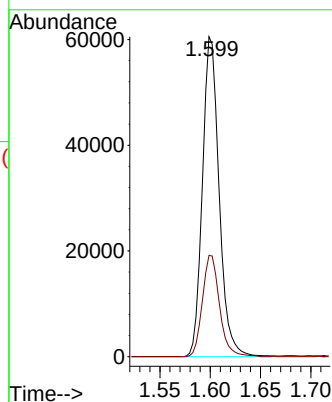
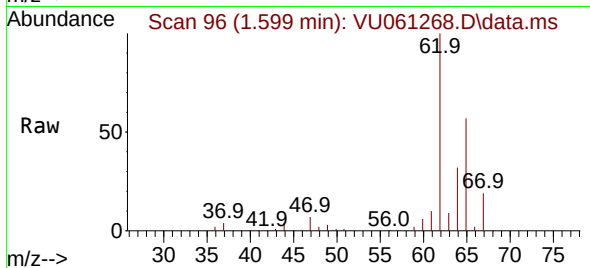
ClientSampleId :

Tgt Ion: 62 Resp: 69885

Ion Ratio Lower Upper

62 100

64 31.6 22.6 42.0



#6

Bromomethane

Concen: 5.148 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.003 min

Lab File: VU061268.D

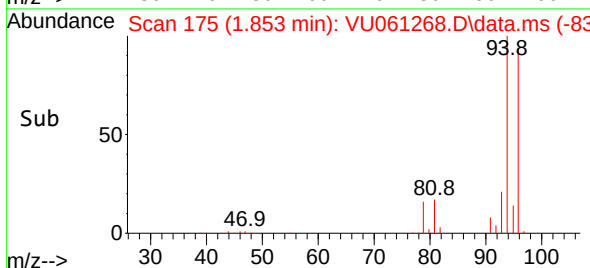
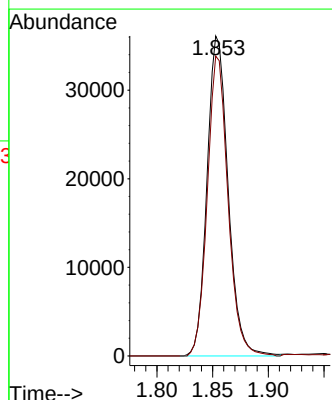
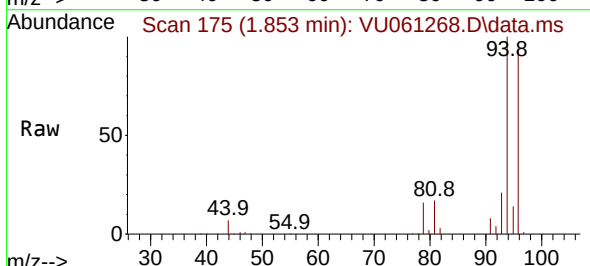
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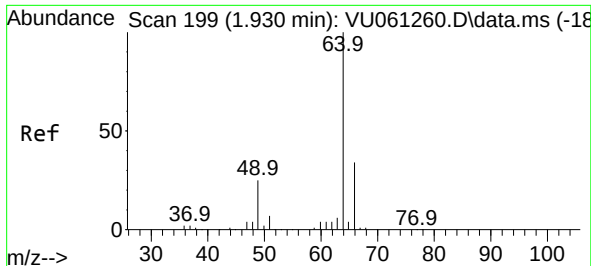
Tgt Ion: 94 Resp: 47671

Ion Ratio Lower Upper

94 100

96 93.7 66.9 124.3





#8

Chloroethane

Concen: 4.953 ug/L

RT: 1.930 min Scan# 199

Delta R.T. 0.000 min

Lab File: VU061268.D

Acq: 28 Oct 2024 15:53

Instrument :

MSVOA_U

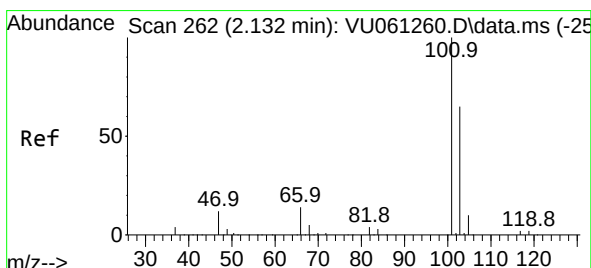
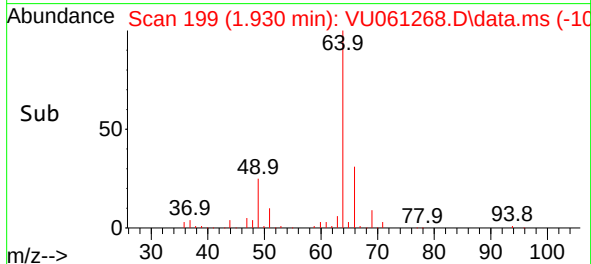
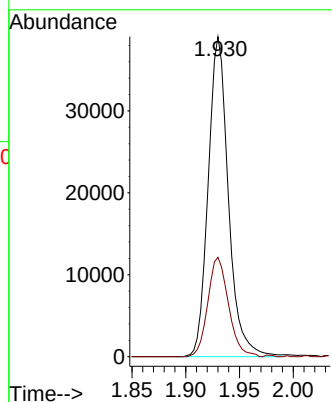
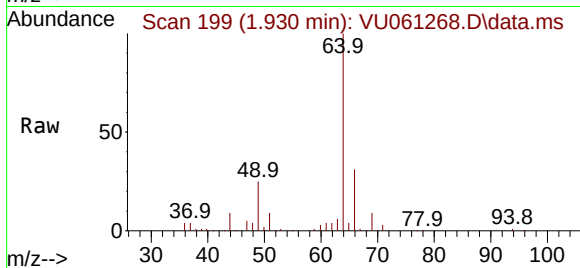
ClientSampleId :

Tgt Ion: 64 Resp: 50965

Ion Ratio Lower Upper

64 100

66 31.1 23.1 42.9



#9

Trichlorofluoromethane

Concen: 5.246 ug/L

RT: 2.133 min Scan# 262

Delta R.T. 0.000 min

Lab File: VU061268.D

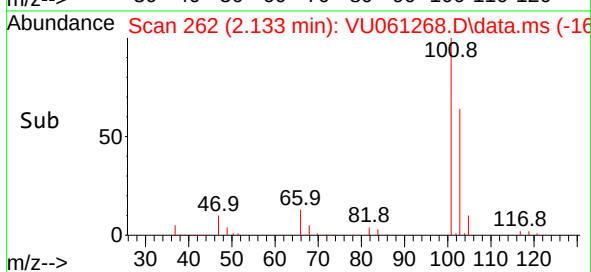
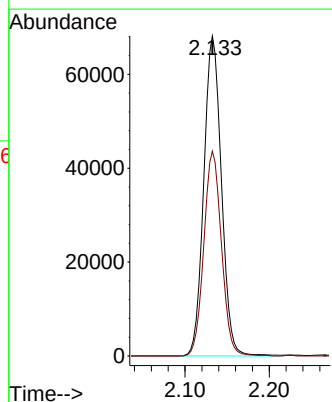
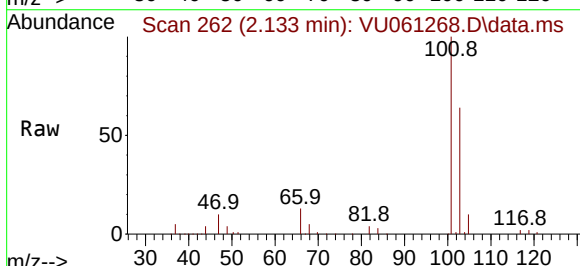
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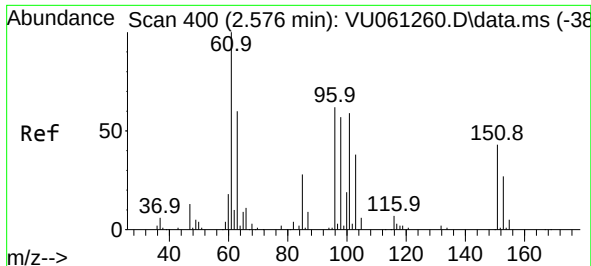
Tgt Ion:101 Resp: 99573

Ion Ratio Lower Upper

101 100

103 63.9 50.6 75.8

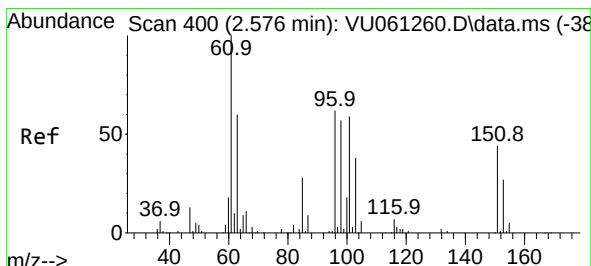
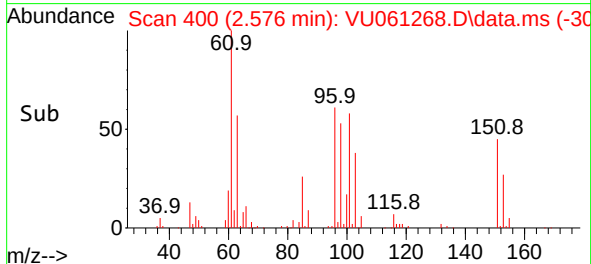
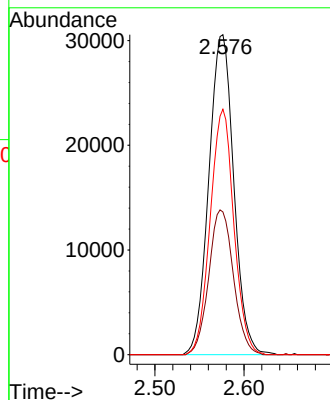
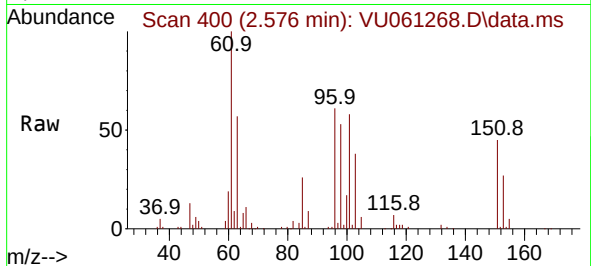




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.274 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU061268.D
 Acq: 28 Oct 2024 15:53

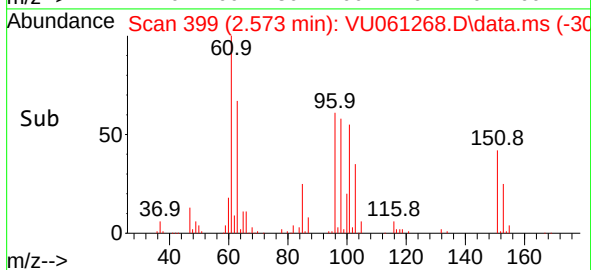
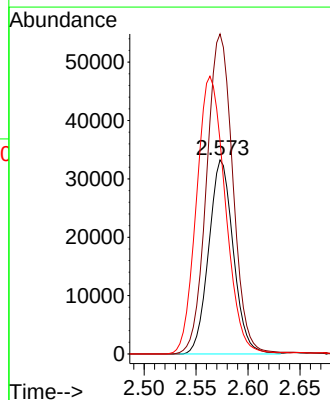
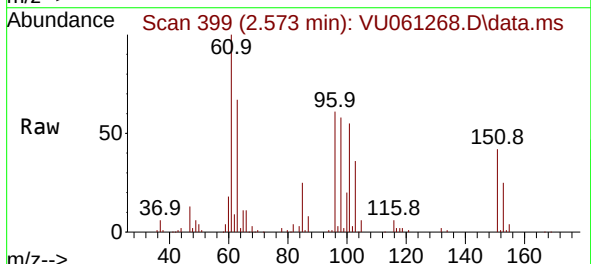
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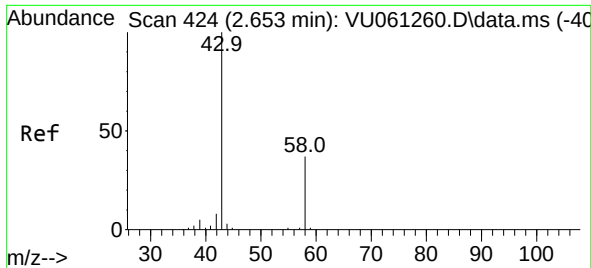
Tgt Ion:101 Resp: 59448
 Ion Ratio Lower Upper
 101 100
 85 44.7 35.6 53.4
 151 72.8 55.9 83.9



#12
 1,1-Dichloroethene
 Concen: 5.115 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU061268.D
 Acq: 28 Oct 2024 15:53

Tgt Ion: 96 Resp: 54677
 Ion Ratio Lower Upper
 96 100
 61 164.8 119.1 221.1
 63 109.8 89.4 166.0





#13

Acetone

Concen: 52.522 ug/L

RT: 2.647 min Scan# 41

Delta R.T. -0.006 min

Lab File: VU061268.D

Acq: 28 Oct 2024 15:53

Instrument :

MSVOA_U

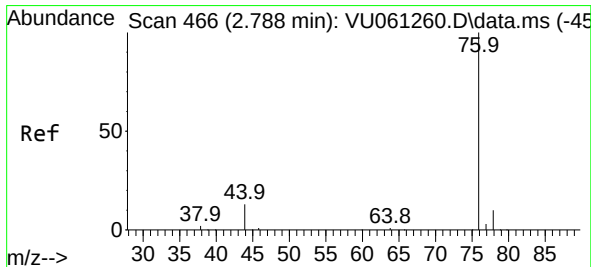
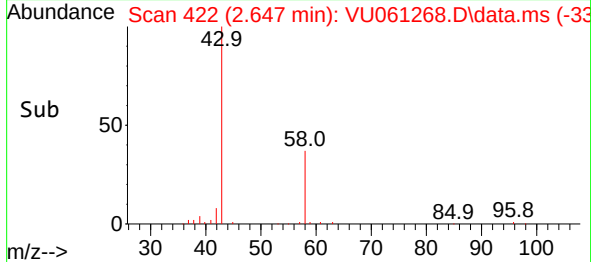
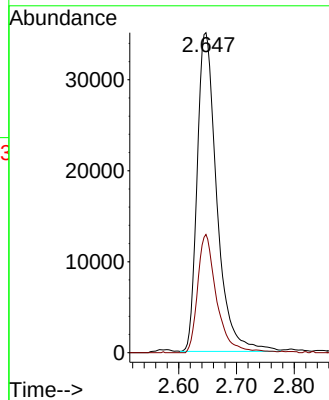
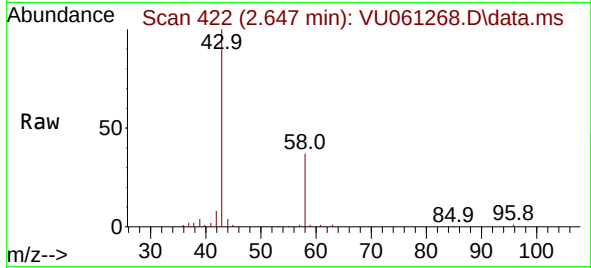
ClientSampleId :

Tgt Ion: 43 Resp: 82952

Ion Ratio Lower Upper

43 100

58 35.2 0.0 73.2



#14

Carbon disulfide

Concen: 5.052 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU061268.D

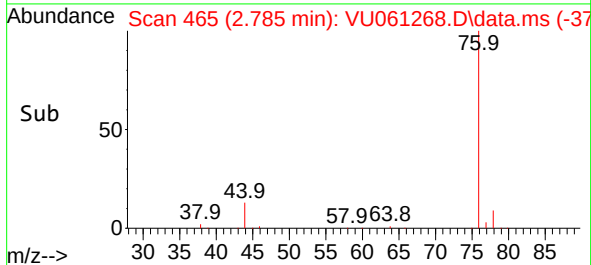
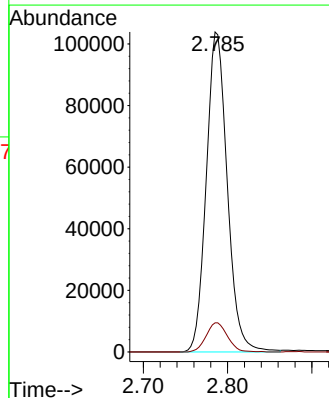
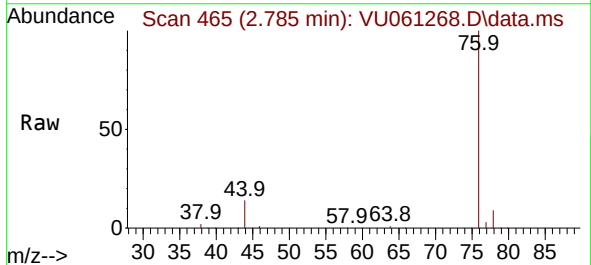
Acq: 28 Oct 2024 15:53

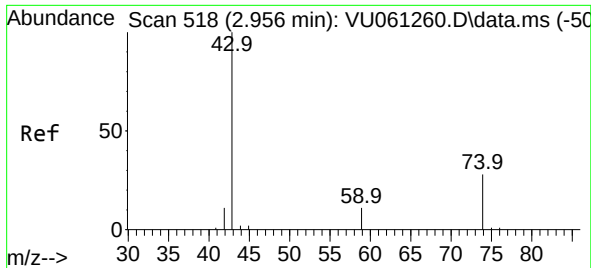
Tgt Ion: 76 Resp: 180157

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2





#15

Methyl Acetate

Concen: 5.373 ug/L

RT: 2.956 min Scan# 518

Delta R.T. 0.000 min

Lab File: VU061268.D

Acq: 28 Oct 2024 15:53

Instrument :

MSVOA_U

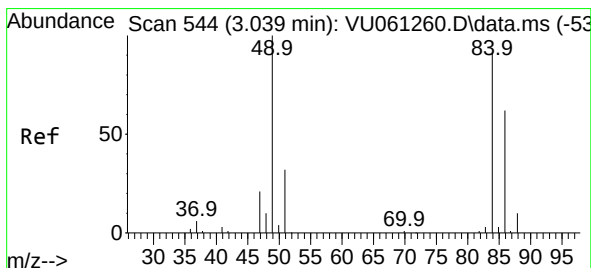
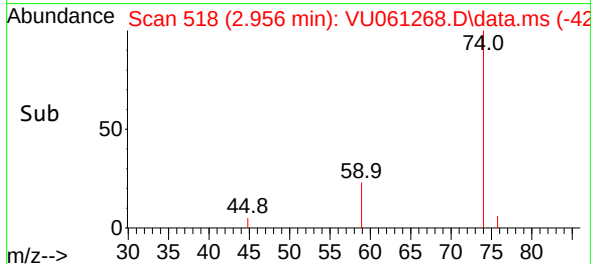
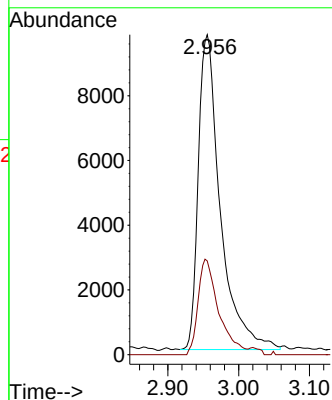
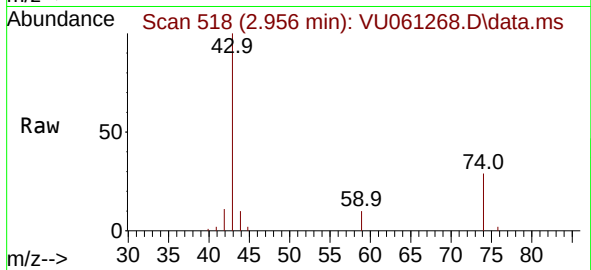
ClientSampleId :

Tgt Ion: 43 Resp: 21015

Ion Ratio Lower Upper

43 100

74 28.4 22.2 33.4



#16

Methylene chloride

Concen: 5.435 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

Lab File: VU061268.D

Acq: 28 Oct 2024 15:53

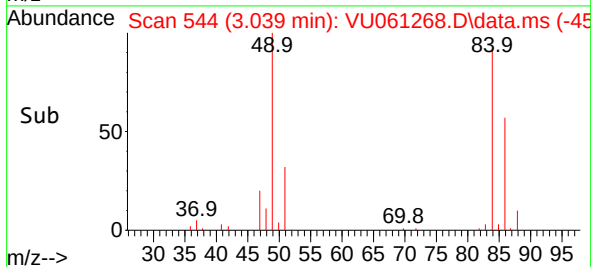
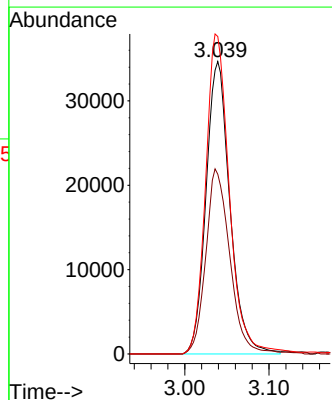
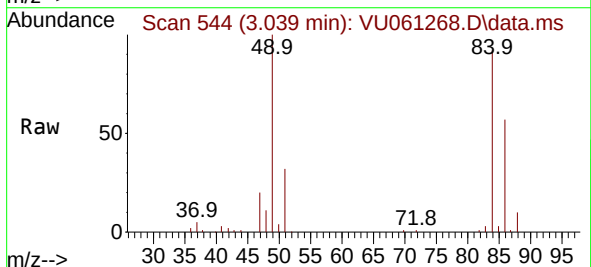
Tgt Ion: 84 Resp: 68457

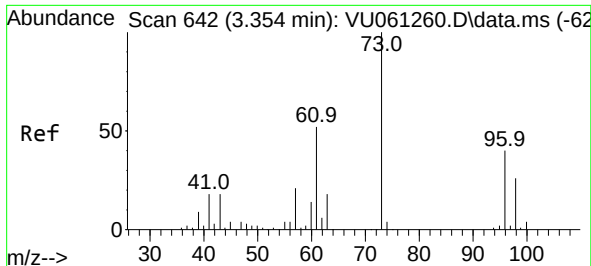
Ion Ratio Lower Upper

84 100

86 61.4 43.5 80.7

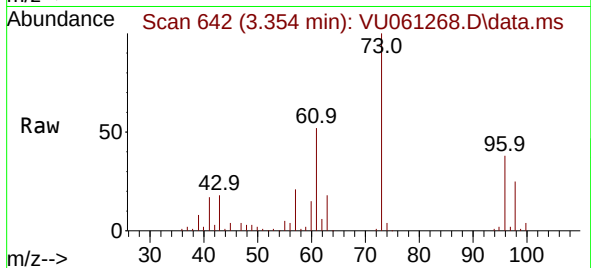
49 108.6 75.7 140.7



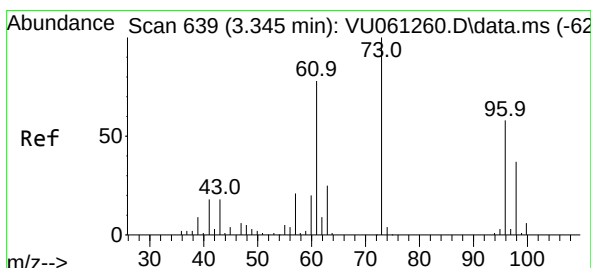
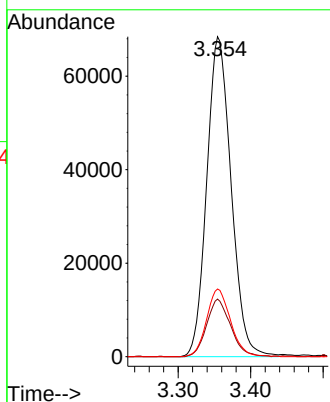
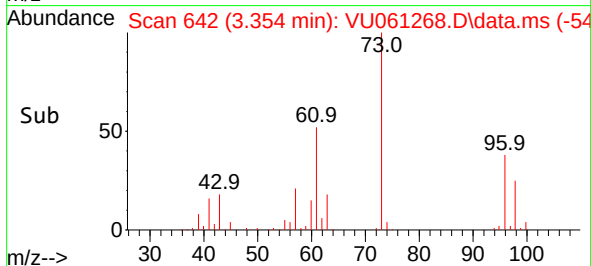


#17
Methyl tert-butyl Ether
Concen: 5.511 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU061268.D
Acq: 28 Oct 2024 15:53

Instrument :
MSVOA_U
ClientSampleId :

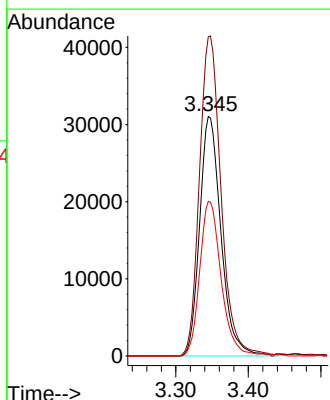
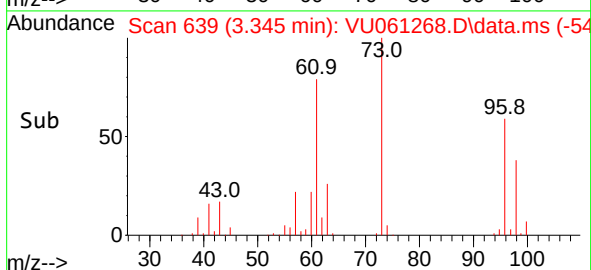
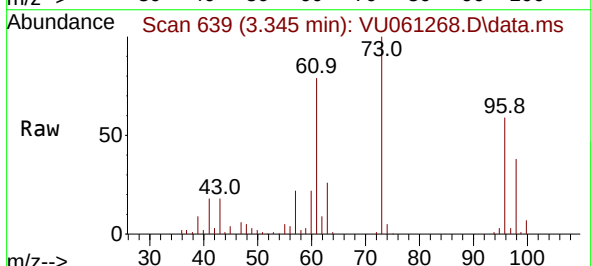


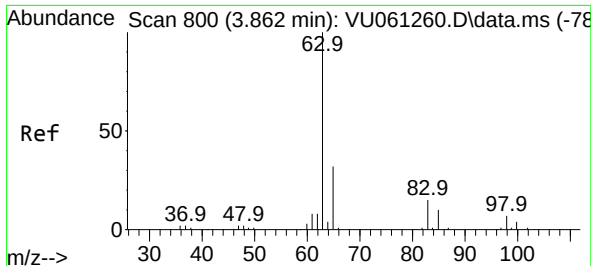
Tgt Ion: 73 Resp: 159656
Ion Ratio Lower Upper
73 100
43 17.8 15.0 22.4
57 20.9 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 5.374 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU061268.D
Acq: 28 Oct 2024 15:53

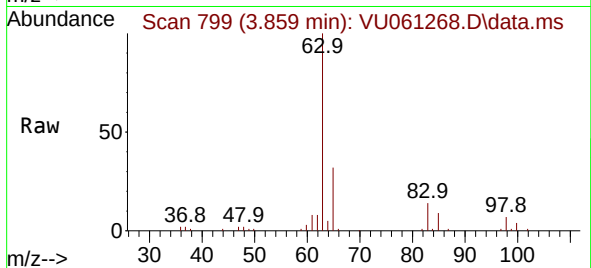
Tgt Ion: 96 Resp: 63519
Ion Ratio Lower Upper
96 100
61 133.2 97.9 181.7
98 64.6 46.2 85.8



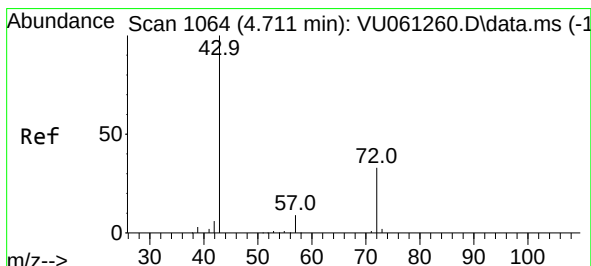
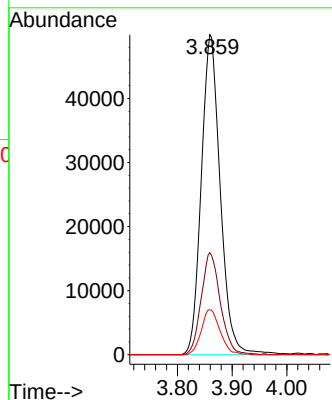
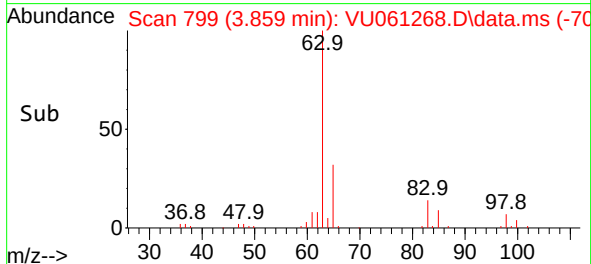


#19
1,1-Dichloroethane
Concen: 5.392 ug/L
RT: 3.859 min Scan# 79
Delta R.T. -0.003 min
Lab File: VU061268.D
Acq: 28 Oct 2024 15:53

Instrument :
MSVOA_U
ClientSampleId :

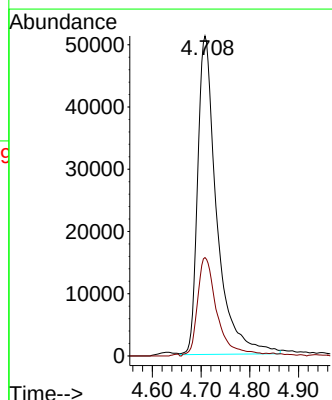
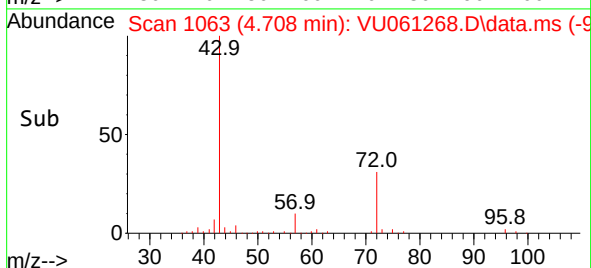
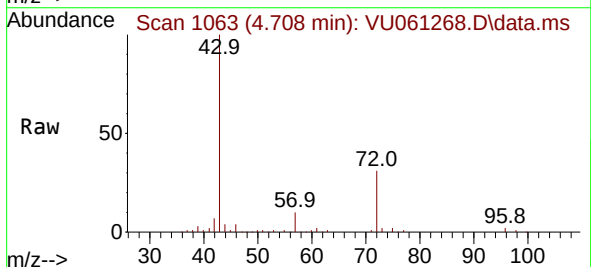


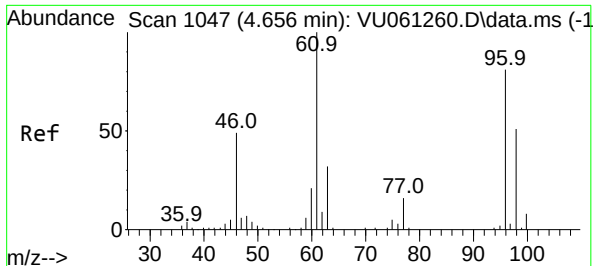
Tgt Ion: 63 Resp: 120209
Ion Ratio Lower Upper
63 100
65 31.9 23.0 42.6
83 14.1 9.7 17.9



#21
2-Butanone
Concen: 55.629 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. -0.003 min
Lab File: VU061268.D
Acq: 28 Oct 2024 15:53

Tgt Ion: 43 Resp: 139283
Ion Ratio Lower Upper
43 100
72 31.7 15.9 47.6

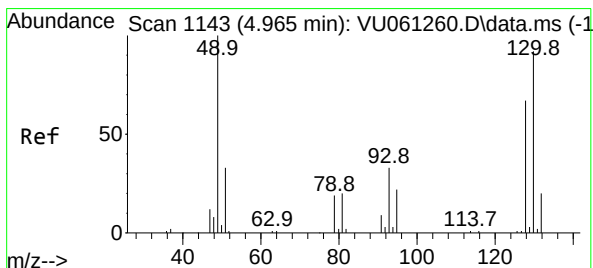
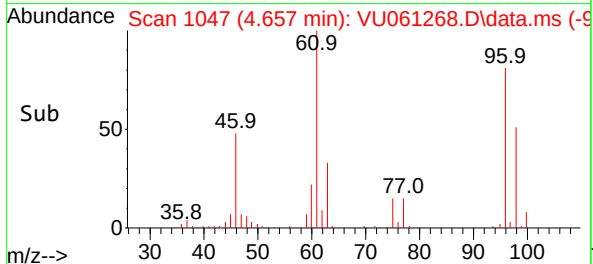
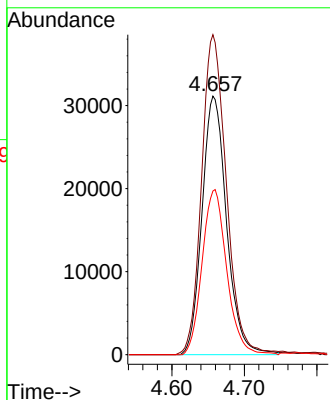
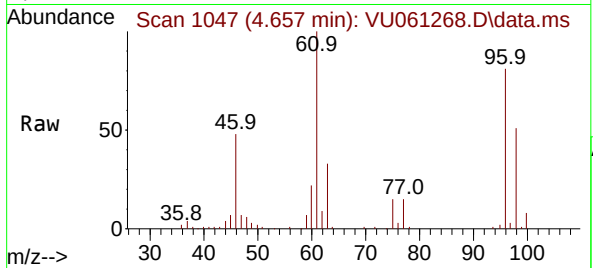




#22
 cis-1,2-Dichloroethene
 Concen: 5.436 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU061268.D
 Acq: 28 Oct 2024 15:53

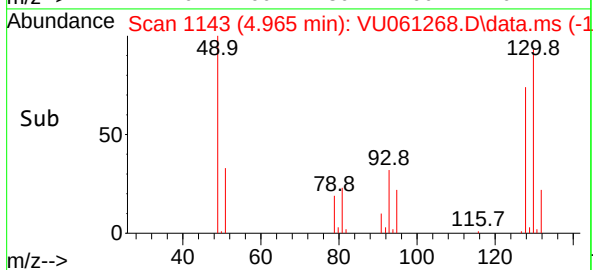
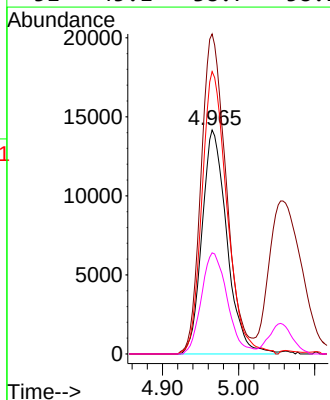
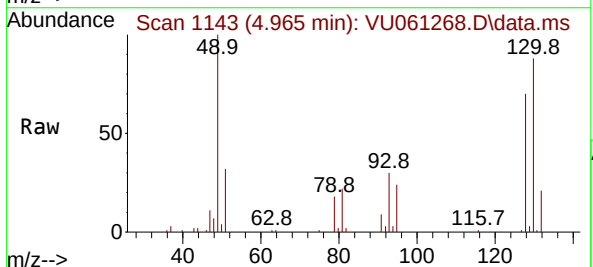
Instrument :
 MSVOA_U
 ClientSampleId :

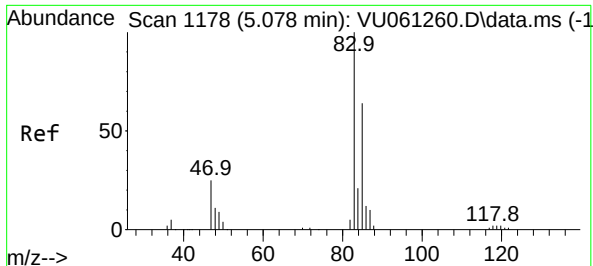
Tgt Ion: 96 Resp: 73398
 Ion Ratio Lower Upper
 96 100
 61 123.8 88.1 163.5
 98 63.3 45.0 83.6



#23
 Bromochloromethane
 Concen: 5.657 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. 0.000 min
 Lab File: VU061268.D
 Acq: 28 Oct 2024 15:53

Tgt Ion: 128 Resp: 32137
 Ion Ratio Lower Upper
 128 100
 49 142.8 105.1 195.1
 130 126.1 89.6 166.4
 51 45.1 38.7 58.1

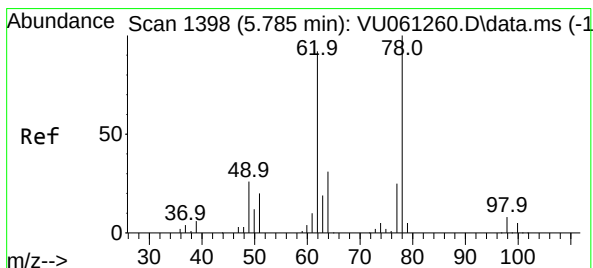
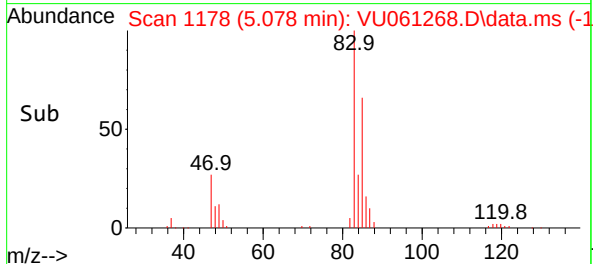
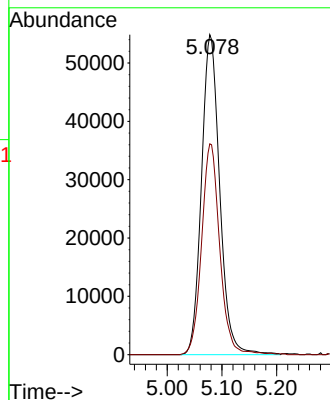
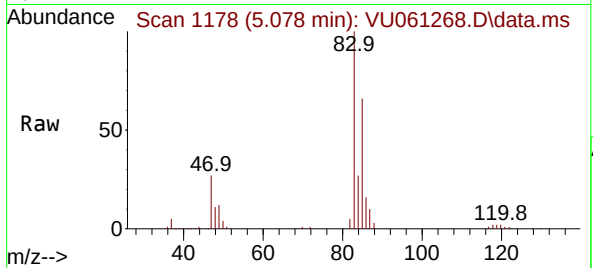




#25
Chloroform
Concen: 5.417 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU061268.D
Acq: 28 Oct 2024 15:53

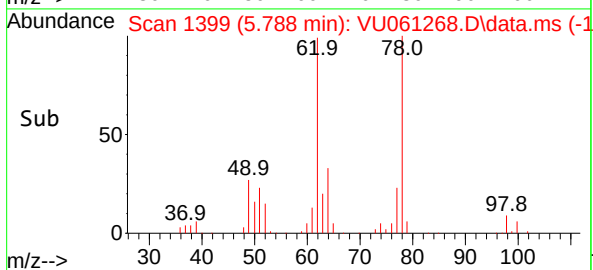
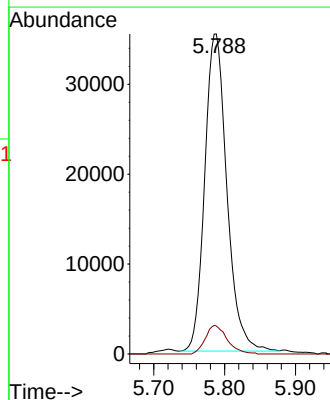
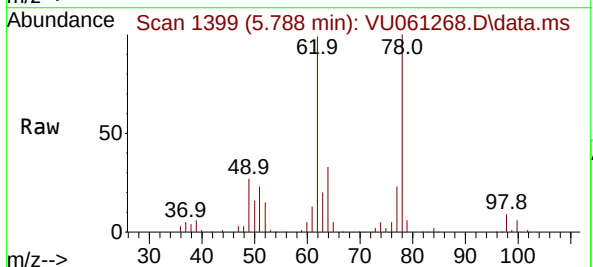
Instrument :
MSVOA_U
ClientSampleId :

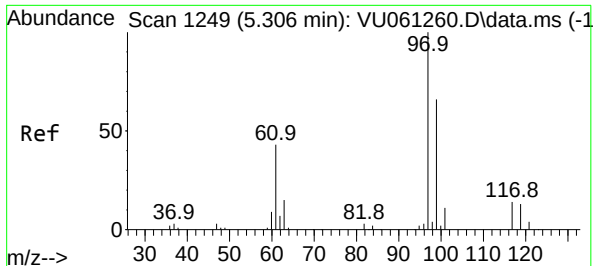
Tgt Ion: 83 Resp: 126969
Ion Ratio Lower Upper
83 100
85 65.9 45.6 84.6



#27
1,2-Dichloroethane
Concen: 5.176 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. 0.003 min
Lab File: VU061268.D
Acq: 28 Oct 2024 15:53

Tgt Ion: 62 Resp: 76665
Ion Ratio Lower Upper
62 100
98 8.7 7.4 11.0

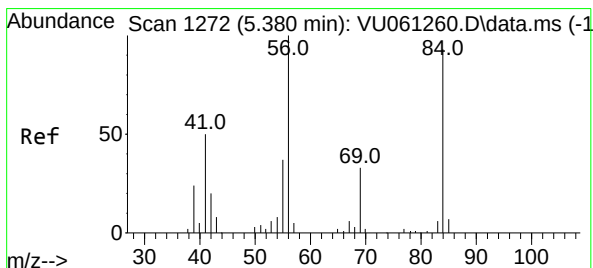
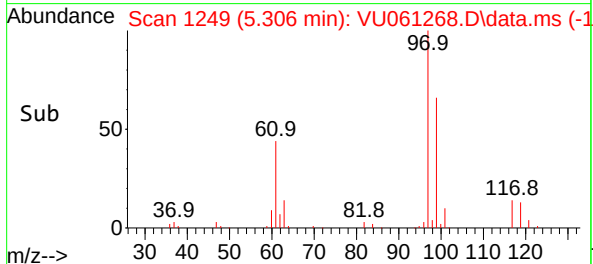
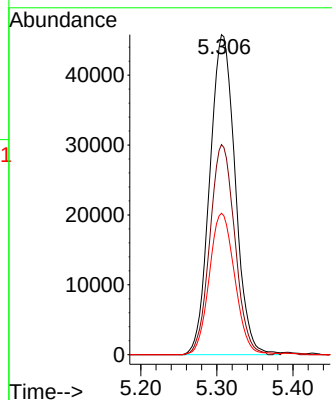
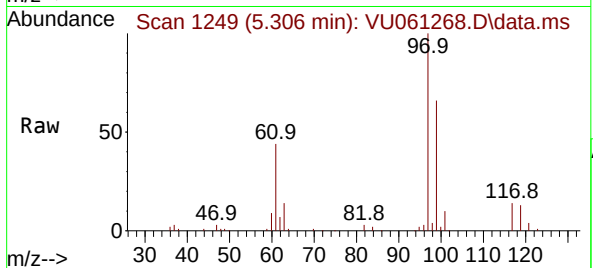




#29
1,1,1-Trichloroethane
Concen: 5.312 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU061268.D
Acq: 28 Oct 2024 15:53

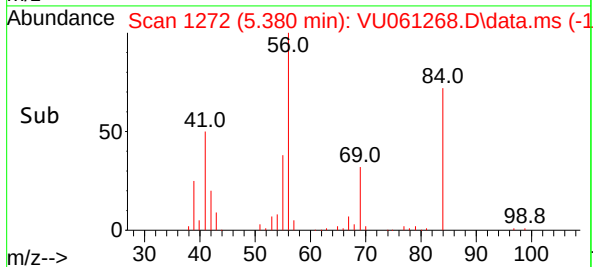
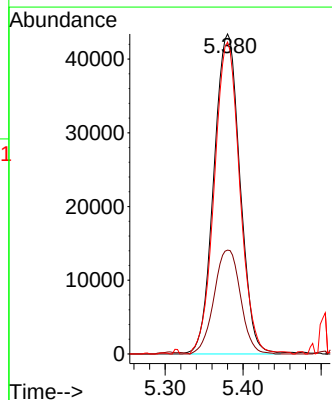
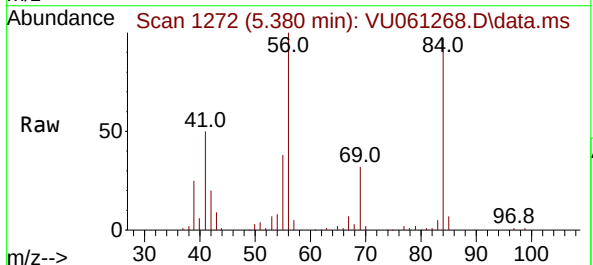
Instrument :
MSVOA_U
ClientSampleId :

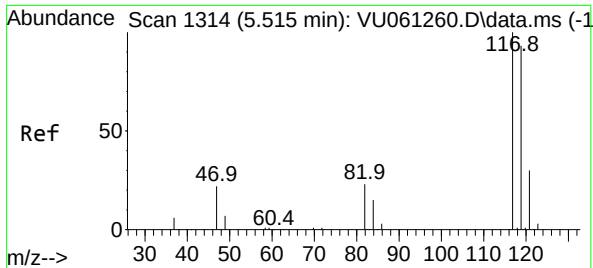
Tgt Ion: 97 Resp: 106280
Ion Ratio Lower Upper
97 100
99 64.6 50.8 76.2
61 44.4 36.1 54.1



#30
Cyclohexane
Concen: 5.029 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU061268.D
Acq: 28 Oct 2024 15:53

Tgt Ion: 56 Resp: 100923
Ion Ratio Lower Upper
56 100
69 32.9 25.8 38.6
84 95.2 73.9 110.9

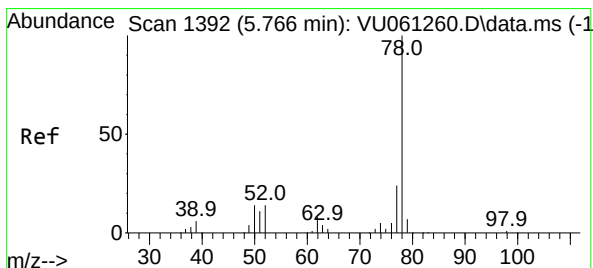
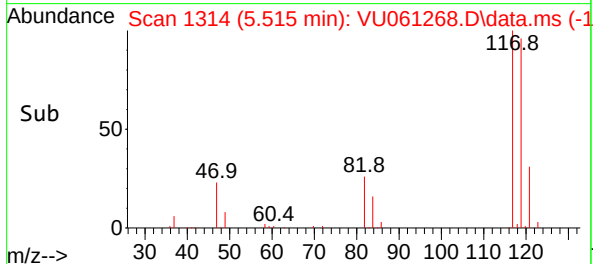
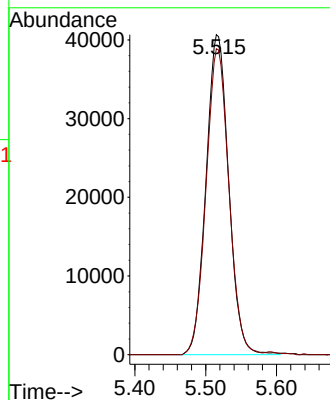
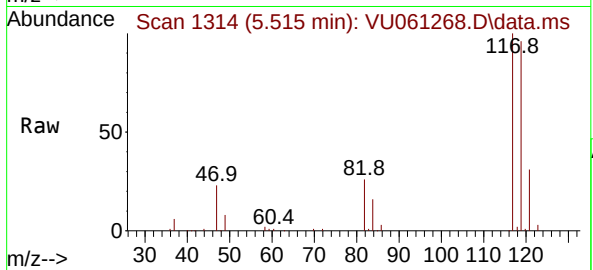




#31
Carbon tetrachloride
Concen: 5.277 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU061268.D
Acq: 28 Oct 2024 15:53

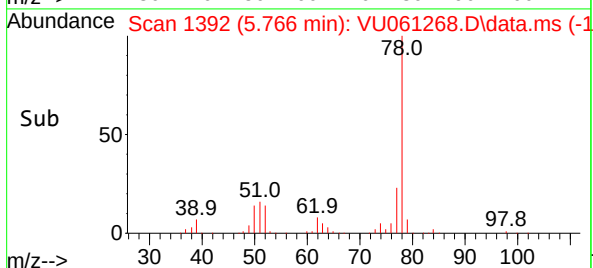
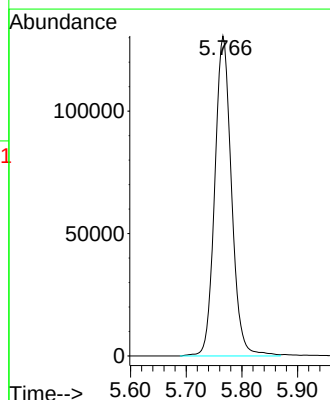
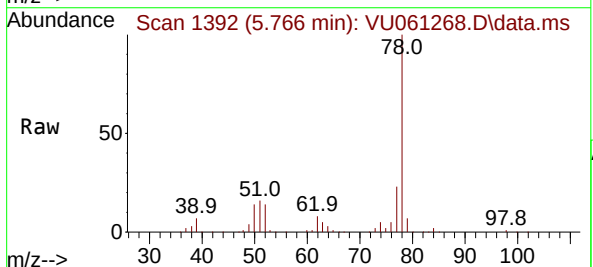
Instrument :
MSVOA_U
ClientSampleId :

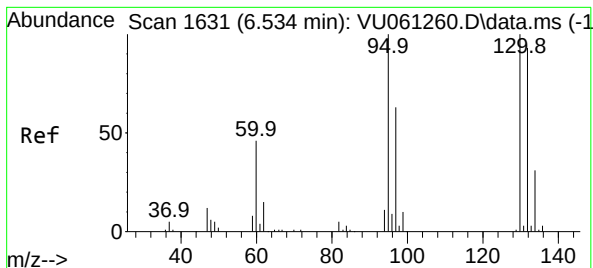
Tgt Ion:117 Resp: 90339
Ion Ratio Lower Upper
117 100
119 96.3 75.5 113.3



#33
Benzene
Concen: 5.404 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU061268.D
Acq: 28 Oct 2024 15:53

Tgt Ion: 78 Resp: 273099





#34

Trichloroethene

Concen: 5.296 ug/L

RT: 6.534 min Scan# 1631

Delta R.T. 0.000 min

Lab File: VU061268.D

Acq: 28 Oct 2024 15:53

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 72804

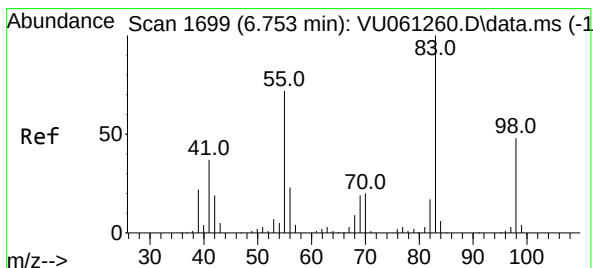
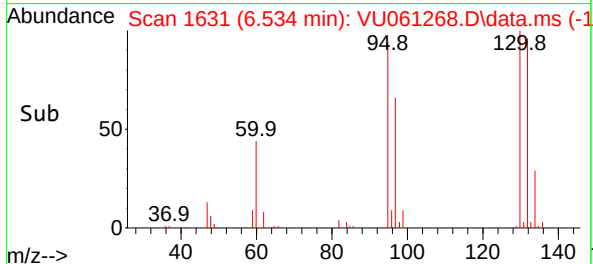
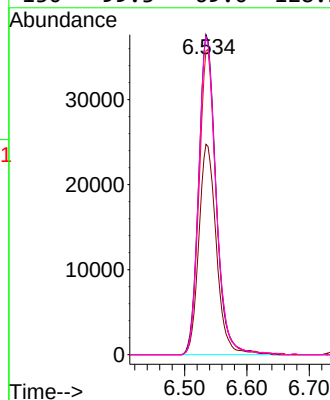
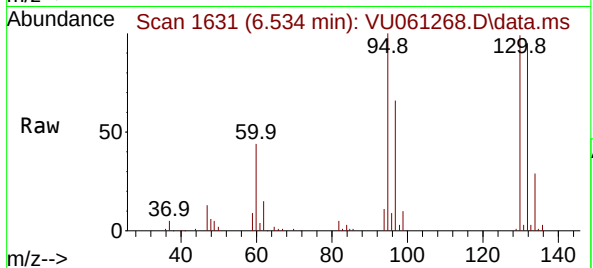
Ion Ratio Lower Upper

95 100

97 65.7 46.1 85.7

132 95.0 66.1 122.7

130 99.3 69.0 128.2



#35

Methylcyclohexane

Concen: 5.097 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VU061268.D

Acq: 28 Oct 2024 15:53

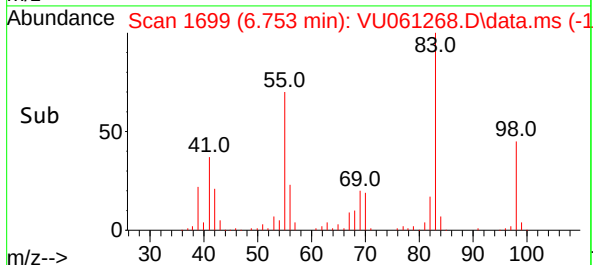
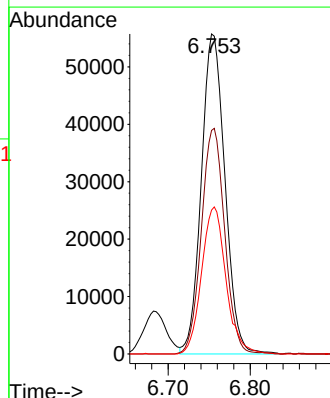
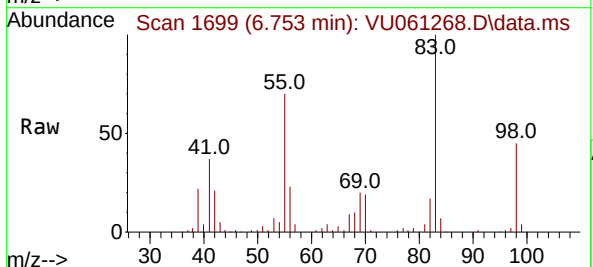
Tgt Ion: 83 Resp: 111523

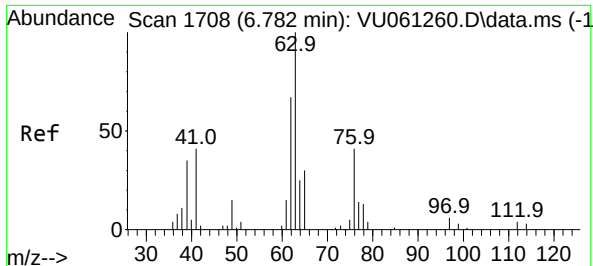
Ion Ratio Lower Upper

83 100

55 69.7 55.9 83.9

98 47.4 35.9 53.9

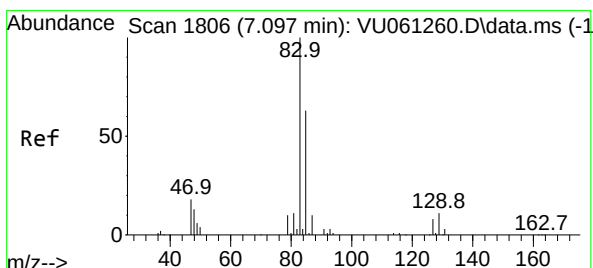
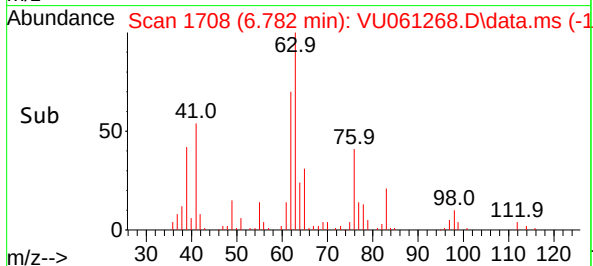
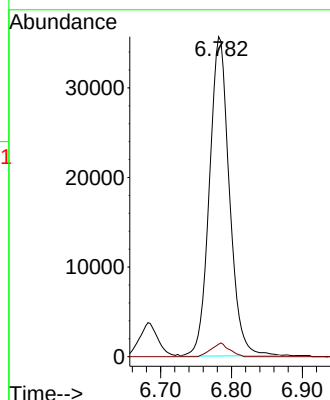
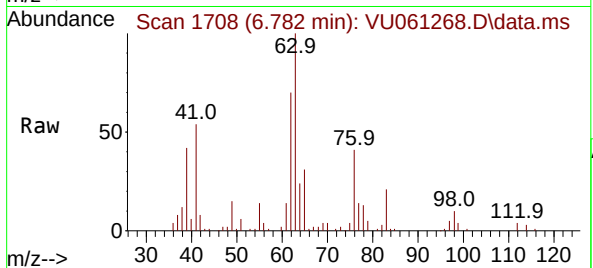




#37
1,2-Dichloropropane
Concen: 5.447 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU061268.D
Acq: 28 Oct 2024 15:53

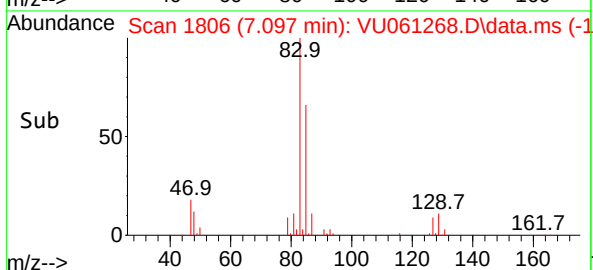
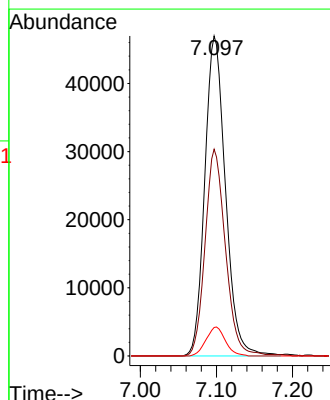
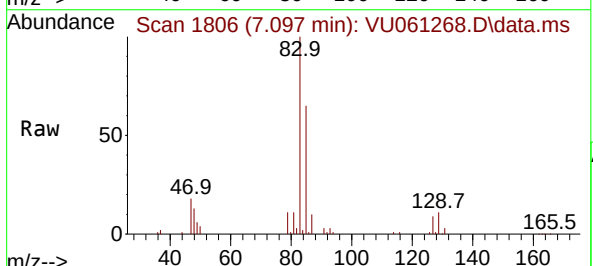
Instrument :
MSVOA_U
ClientSampleId :

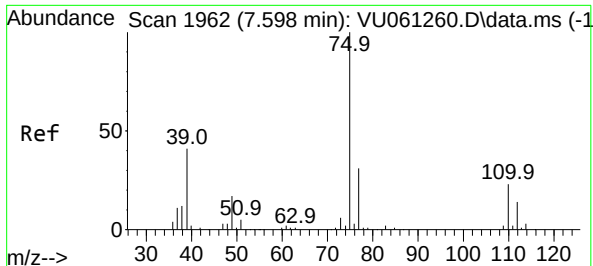
Tgt Ion: 63 Resp: 69763
Ion Ratio Lower Upper
63 100
112 3.9 3.0 4.4



#38
Bromodichloromethane
Concen: 5.478 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU061268.D
Acq: 28 Oct 2024 15:53

Tgt Ion: 83 Resp: 88793
Ion Ratio Lower Upper
83 100
85 64.6 43.8 81.4
127 8.9 7.4 11.0





#39

cis-1,3-Dichloropropene

Concen: 5.290 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.003 min

Lab File: VU061268.D

Acq: 28 Oct 2024 15:53

Instrument :

MSVOA_U

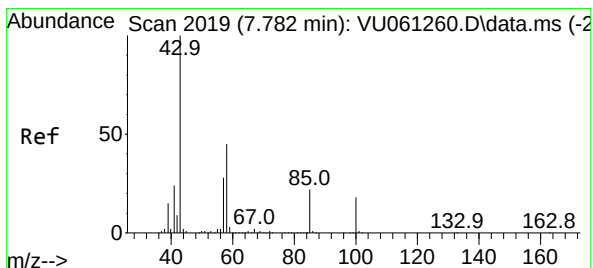
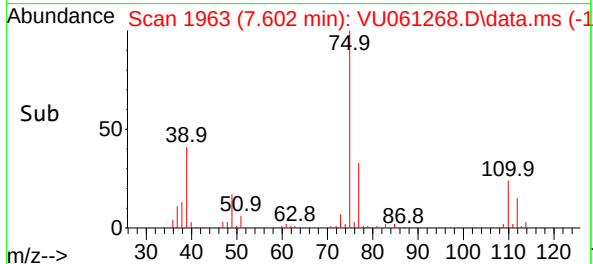
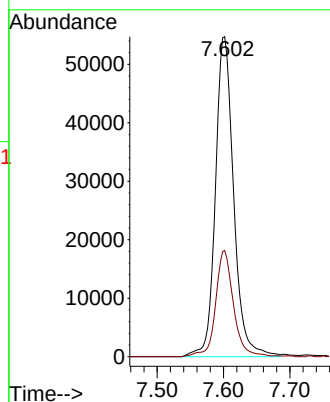
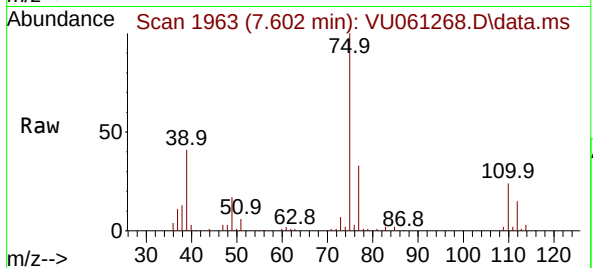
ClientSampleId :

Tgt Ion: 75 Resp: 104656

Ion Ratio Lower Upper

75 100

77 33.2 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 54.894 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VU061268.D

Acq: 28 Oct 2024 15:53

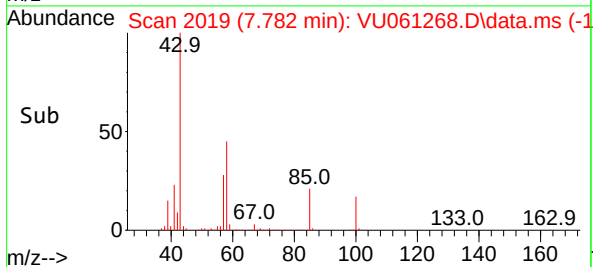
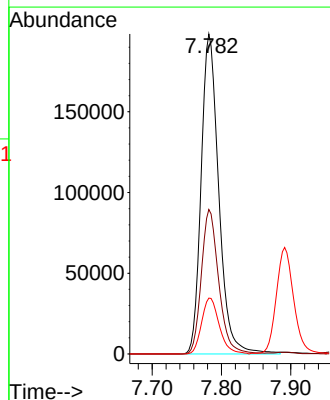
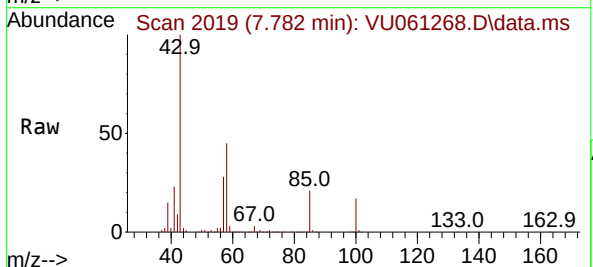
Tgt Ion: 43 Resp: 349932

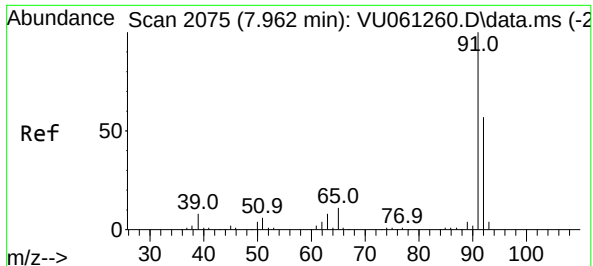
Ion Ratio Lower Upper

43 100

58 44.5 35.1 52.7

100 17.5 14.0 21.0





#42

Toluene

Concen: 5.321 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU061268.D

Acq: 28 Oct 2024 15:53

Instrument :

MSVOA_U

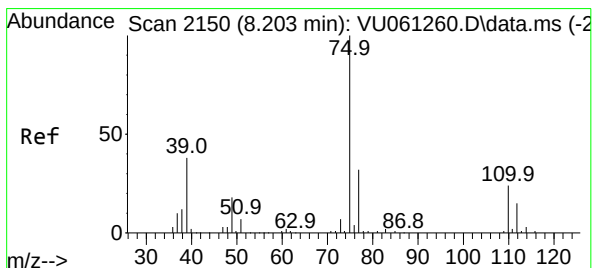
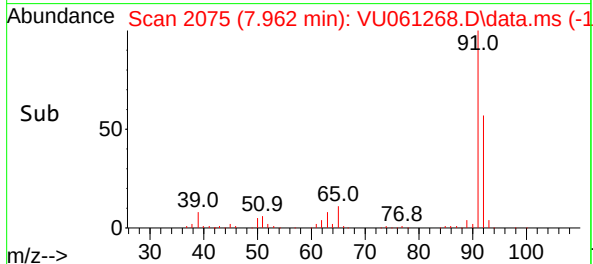
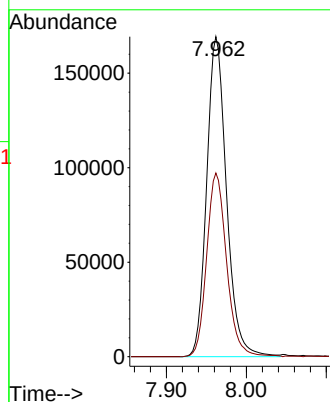
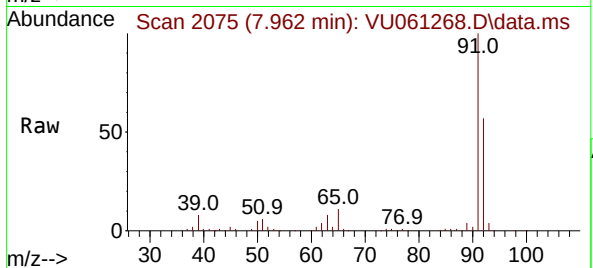
ClientSampleId :

Tgt Ion: 91 Resp: 292010

Ion Ratio Lower Upper

91 100

92 57.4 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 5.302 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU061268.D

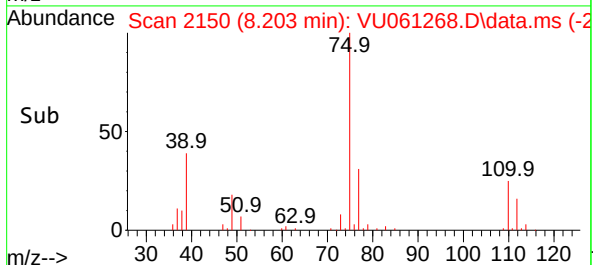
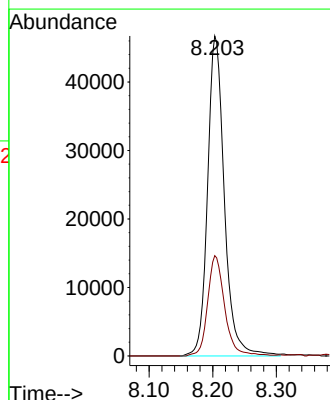
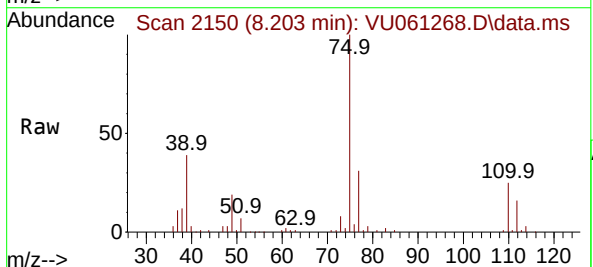
Acq: 28 Oct 2024 15:53

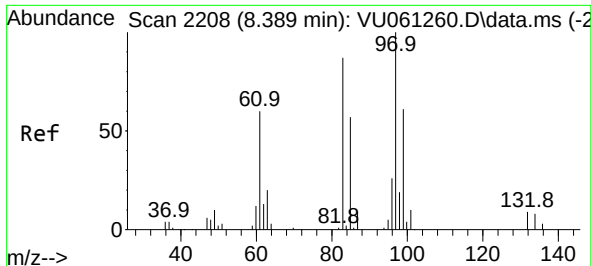
Tgt Ion: 75 Resp: 85457

Ion Ratio Lower Upper

75 100

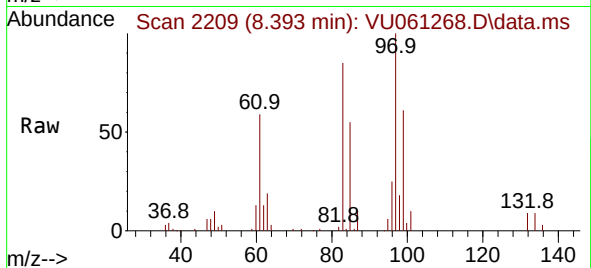
77 31.4 22.0 40.8



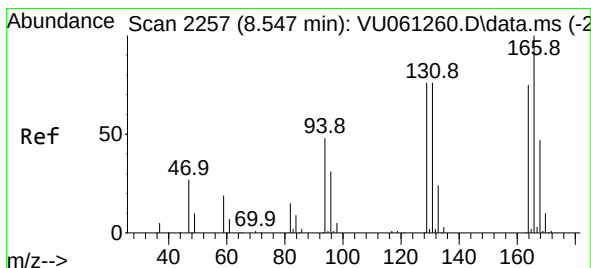
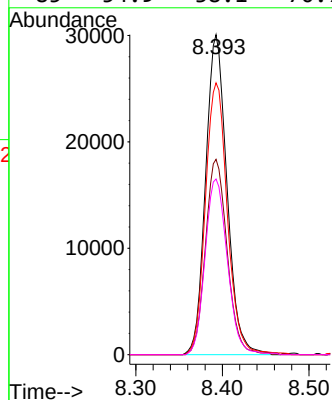
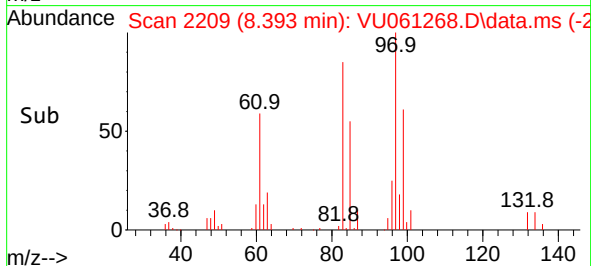


#45
1,1,2-Trichloroethane
Concen: 5.598 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VU061268.D
Acq: 28 Oct 2024 15:53

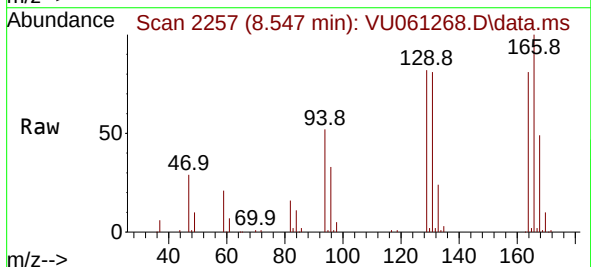
Instrument :
MSVOA_U
ClientSampleId :



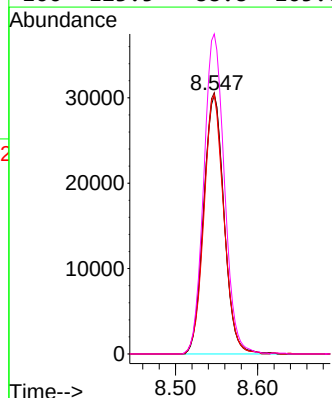
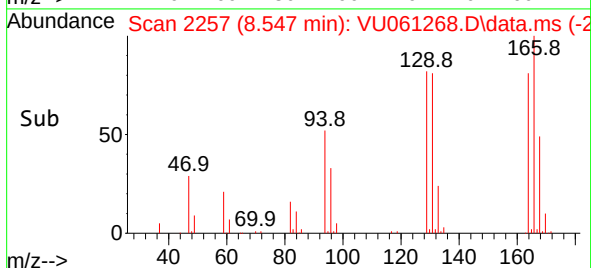
Tgt Ion:	97	Resp:	51602
Ion	Ratio	Lower	Upper
97	100		
99	61.0	44.1	81.9
83	85.0	61.2	113.6
85	54.9	38.1	70.7

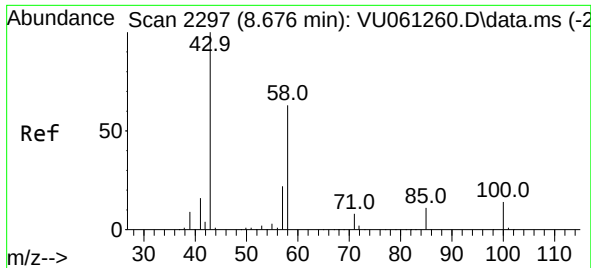


#47
Tetrachloroethene
Concen: 5.467 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU061268.D
Acq: 28 Oct 2024 15:53



Tgt Ion:	164	Resp:	52481
Ion	Ratio	Lower	Upper
164	100		
129	100.8	69.9	129.7
131	99.8	68.3	126.8
166	123.5	88.8	165.0



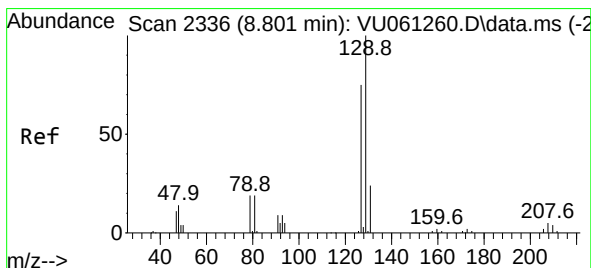
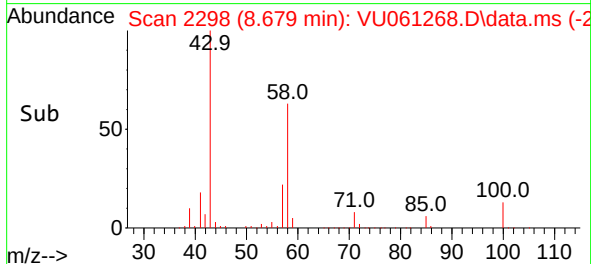
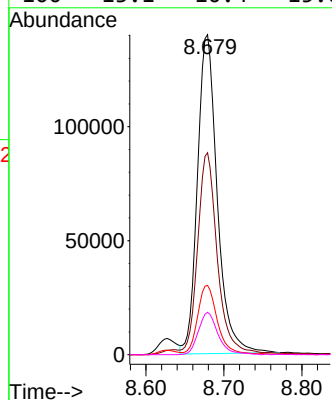
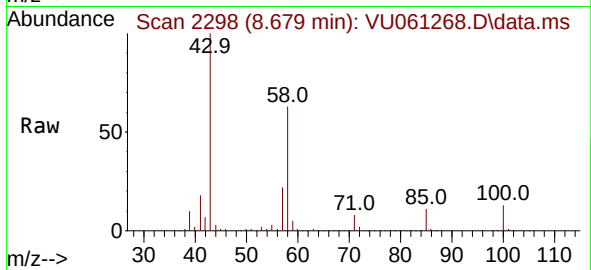


#48
2-Hexanone
Concen: 54.945 ug/L
RT: 8.679 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU061268.D
Acq: 28 Oct 2024 15:53

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 247683

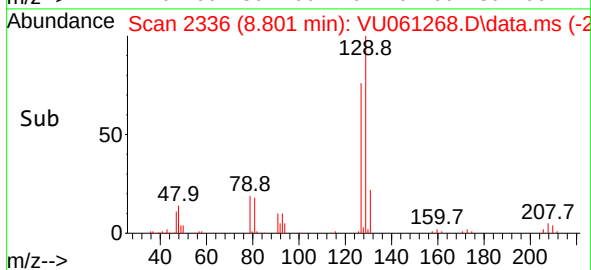
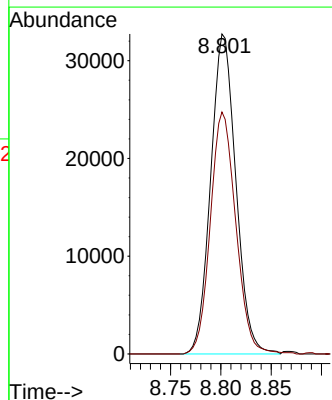
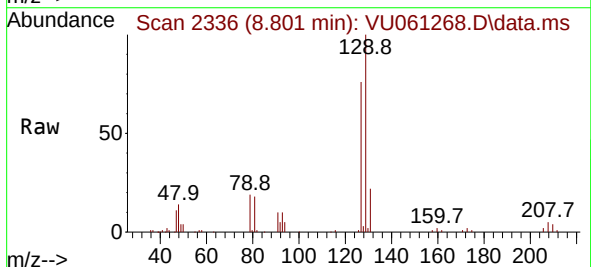
Ion	Ratio	Lower	Upper
43	100		
58	62.6	48.6	72.8
57	20.8	17.0	25.6
100	13.1	10.4	15.6

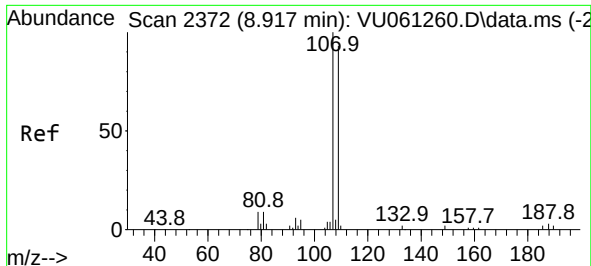


#49
Dibromochloromethane
Concen: 5.461 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU061268.D
Acq: 28 Oct 2024 15:53

Tgt Ion: 129 Resp: 57090

Ion	Ratio	Lower	Upper
129	100		
127	75.6	51.8	96.2





#50

1,2-Dibromoethane

Concen: 5.309 ug/L

RT: 8.917 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU061268.D

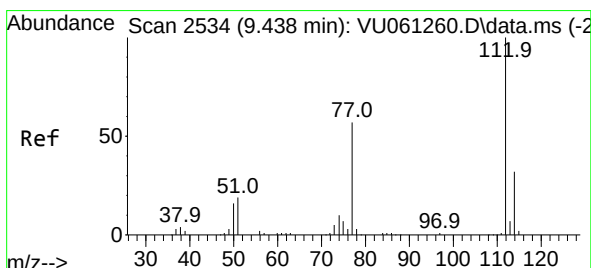
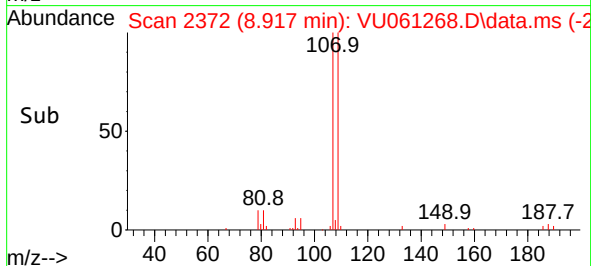
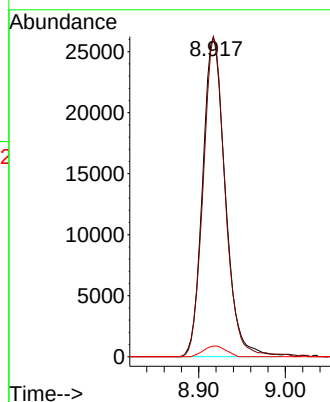
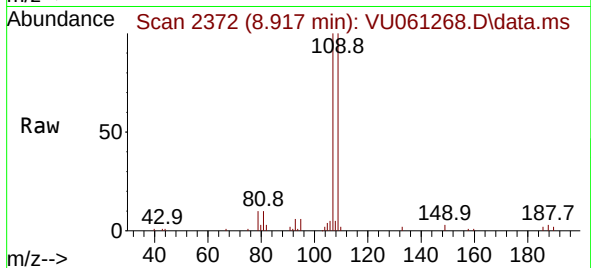
Acq: 28 Oct 2024 15:53

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:107	Resp:	47538
Ion	Ratio	Lower Upper
107	100	
109	100.2	63.4 117.8
188	3.3	2.6 3.8



#51

Chlorobenzene

Concen: 5.293 ug/L

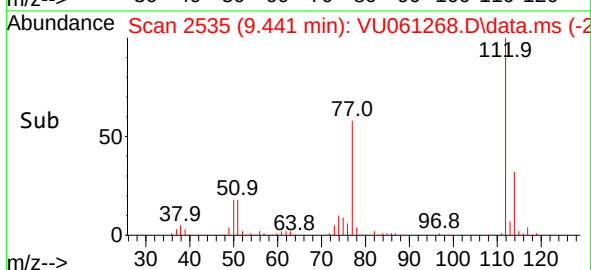
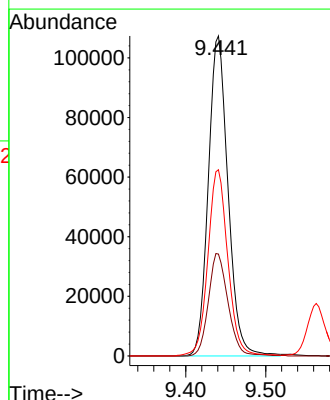
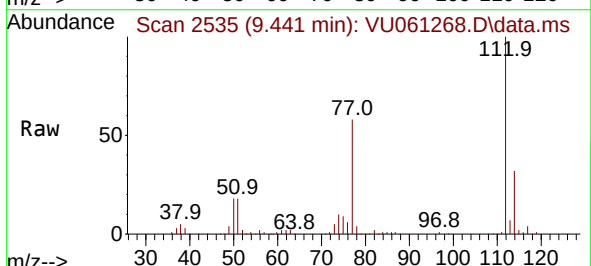
RT: 9.441 min Scan# 2535

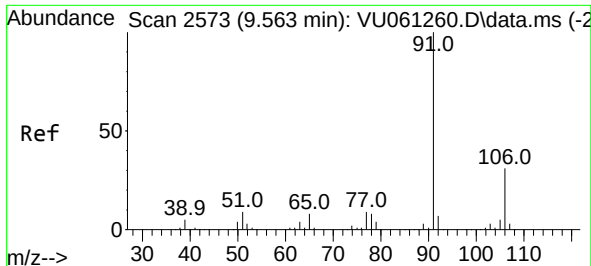
Delta R.T. 0.003 min

Lab File: VU061268.D

Acq: 28 Oct 2024 15:53

Tgt Ion:112	Resp:	183572
Ion	Ratio	Lower Upper
112	100	
114	31.8	22.9 42.5
77	58.2	47.1 70.7

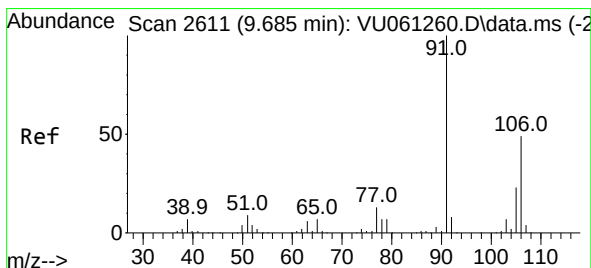
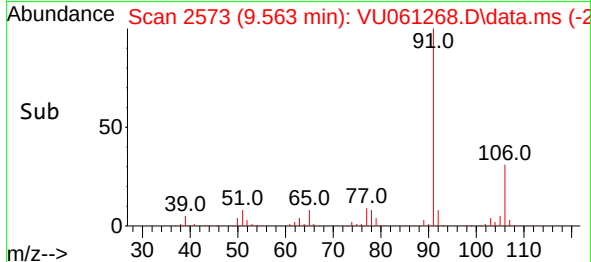
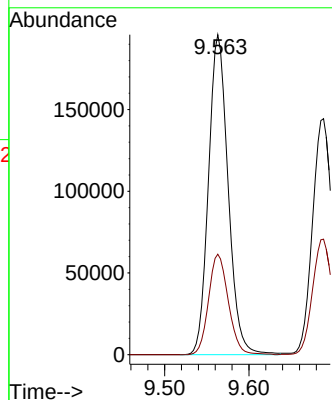
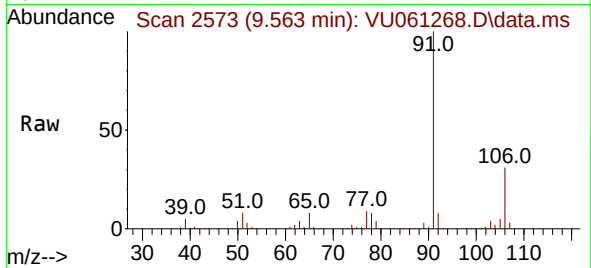




#52
Ethylbenzene
Concen: 5.256 ug/L
RT: 9.563 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU061268.D
Acq: 28 Oct 2024 15:53

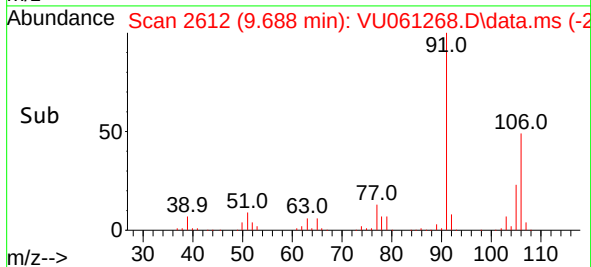
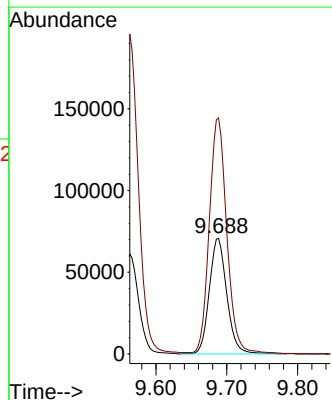
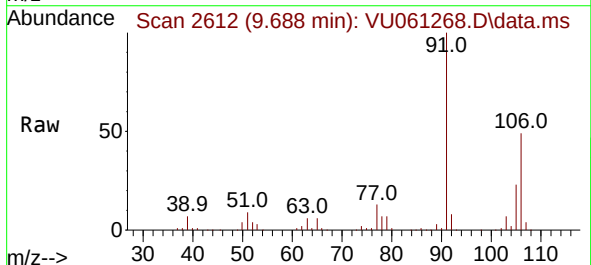
Instrument :
MSVOA_U
ClientSampleId :

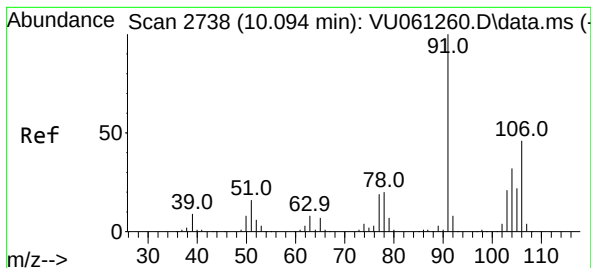
Tgt Ion: 91 Resp: 317261
Ion Ratio Lower Upper
91 100
106 31.4 22.0 41.0



#53
m,p-Xylene
Concen: 5.276 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU061268.D
Acq: 28 Oct 2024 15:53

Tgt Ion: 106 Resp: 121316
Ion Ratio Lower Upper
106 100
91 204.3 145.7 270.7





#54

o-Xylene

Concen: 5.304 ug/L

RT: 10.094 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU061268.D

Acq: 28 Oct 2024 15:53

Instrument :

MSVOA_U

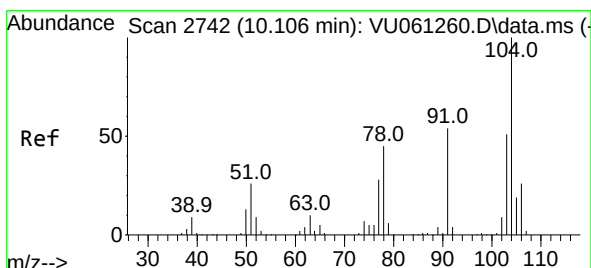
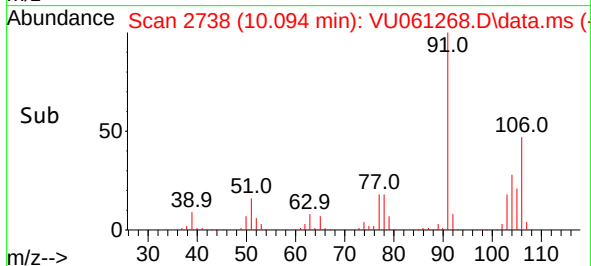
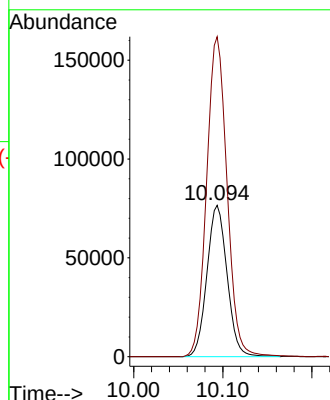
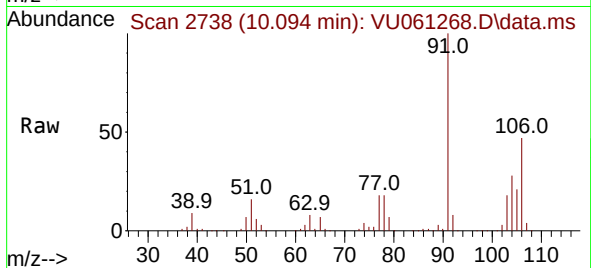
ClientSampleId :

Tgt Ion:106 Resp: 120382

Ion Ratio Lower Upper

106 100

91 211.3 148.8 276.4



#55

Styrene

Concen: 5.299 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. 0.000 min

Lab File: VU061268.D

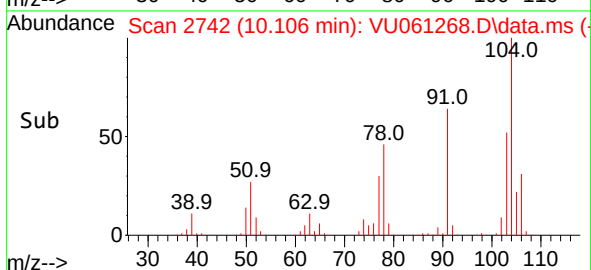
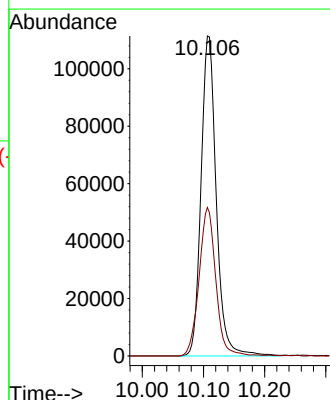
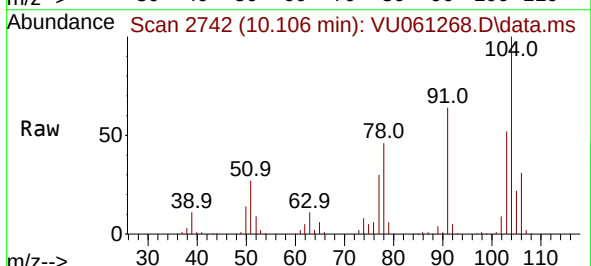
Acq: 28 Oct 2024 15:53

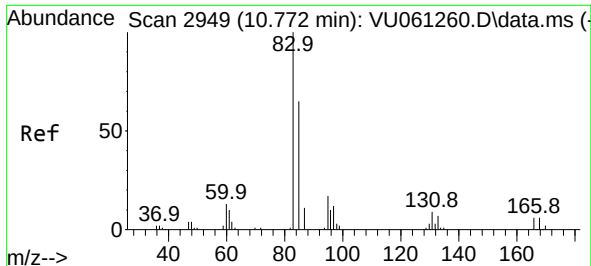
Tgt Ion:104 Resp: 192789

Ion Ratio Lower Upper

104 100

78 46.4 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.507 ug/L

RT: 10.775 min Scan# 2949

Delta R.T. 0.003 min

Lab File: VU061268.D

Acq: 28 Oct 2024 15:53

Instrument :

MSVOA_U

ClientSampleId :

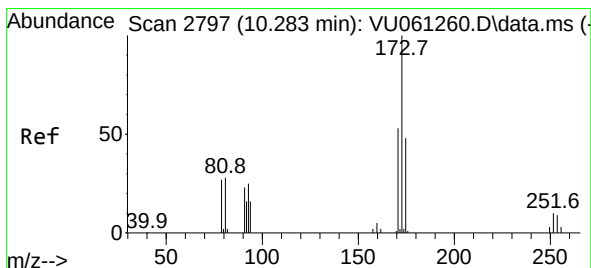
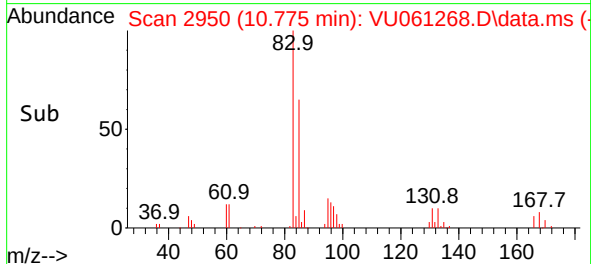
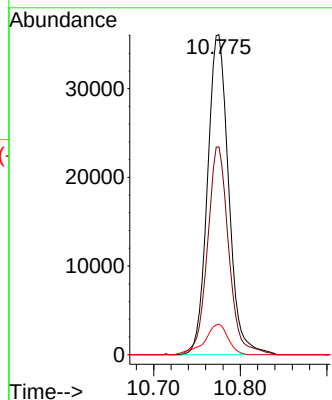
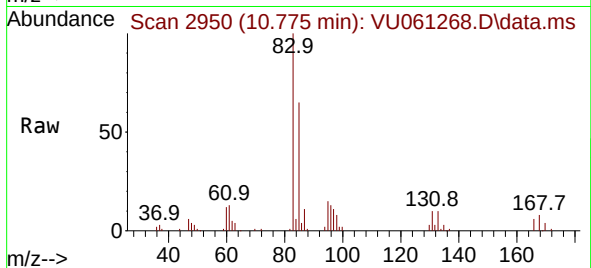
Tgt Ion: 83 Resp: 61163

Ion Ratio Lower Upper

83 100

85 64.9 45.3 84.1

131 9.5 7.6 11.4



#59

Bromoform

Concen: 5.284 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU061268.D

Acq: 28 Oct 2024 15:53

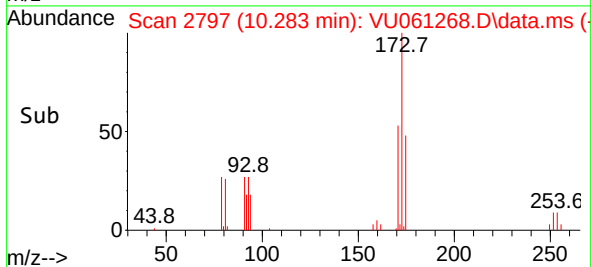
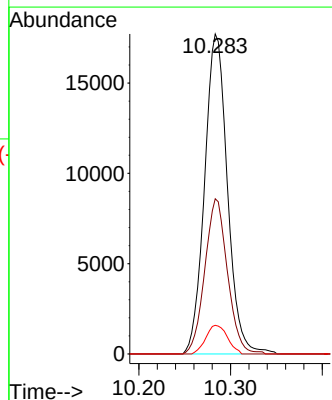
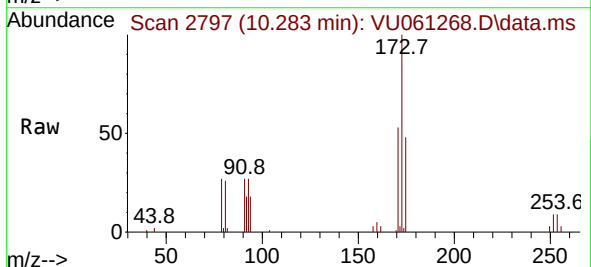
Tgt Ion:173 Resp: 30667

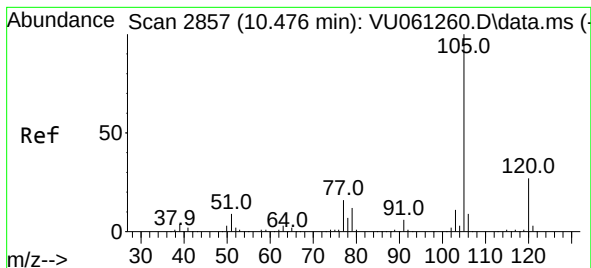
Ion Ratio Lower Upper

173 100

175 48.0 39.0 58.4

254 8.5 6.8 10.2





#60

Isopropylbenzene

Concen: 5.186 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU061268.D

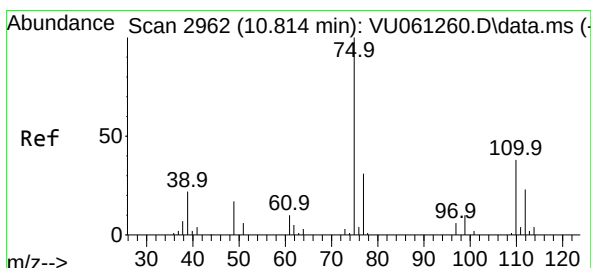
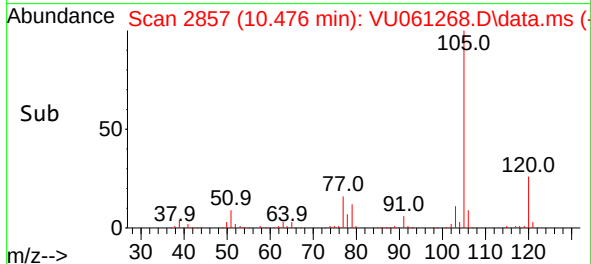
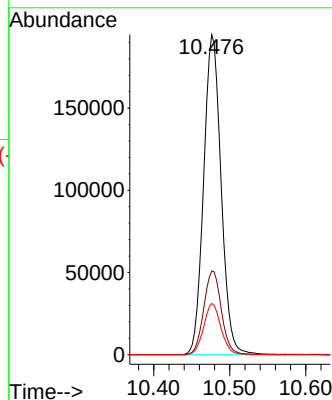
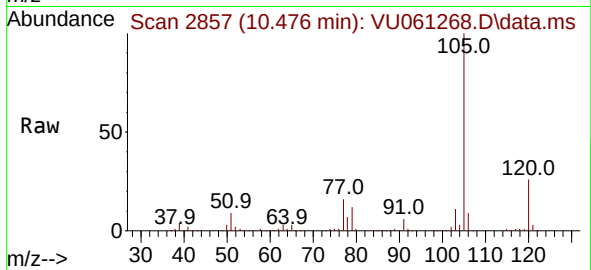
Acq: 28 Oct 2024 15:53

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	310663
Ion Ratio	Lower	Upper	
105	100		
120	26.4	21.2	31.8
77	15.9	12.6	19.0



#61

1,2,3-Trichloropropane

Concen: 5.432 ug/L

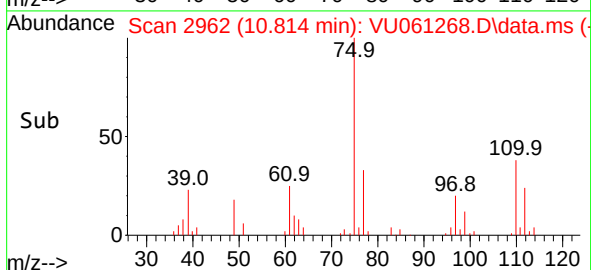
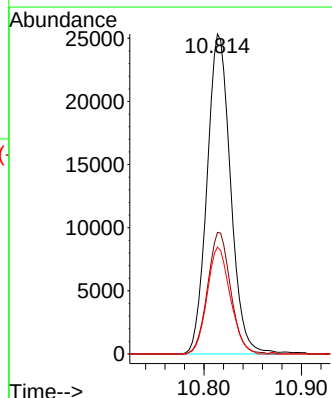
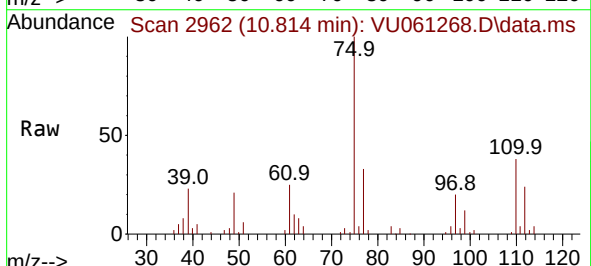
RT: 10.814 min Scan# 2962

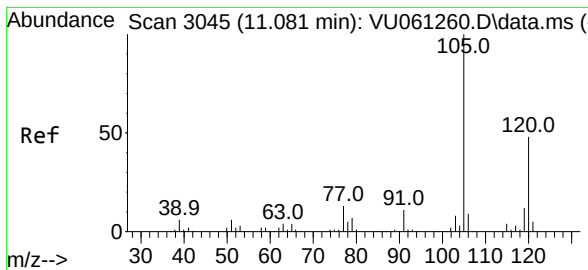
Delta R.T. 0.000 min

Lab File: VU061268.D

Acq: 28 Oct 2024 15:53

Tgt Ion:	75	Resp:	42433
Ion Ratio	Lower	Upper	
75	100		
110	37.2	28.8	43.2
77	33.0	25.7	38.5

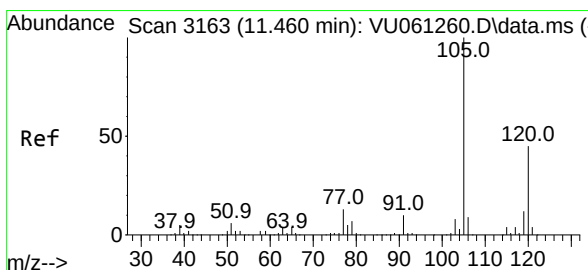
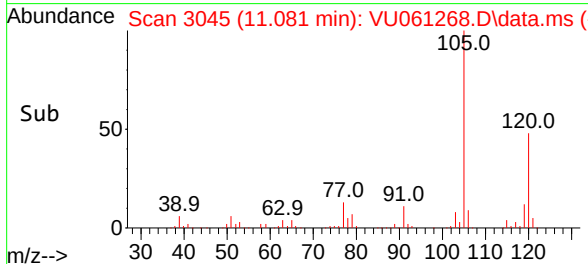
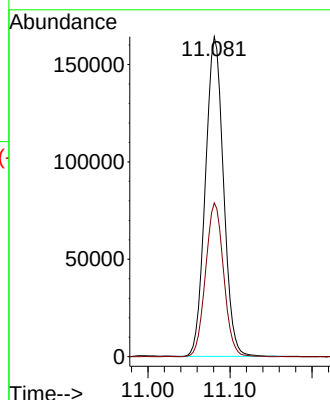
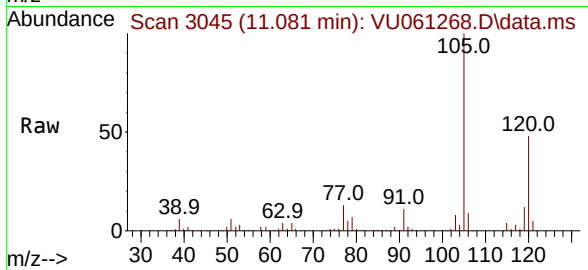




#62
1,3,5-Trimethylbenzene
Concen: 5.152 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU061268.D
Acq: 28 Oct 2024 15:53

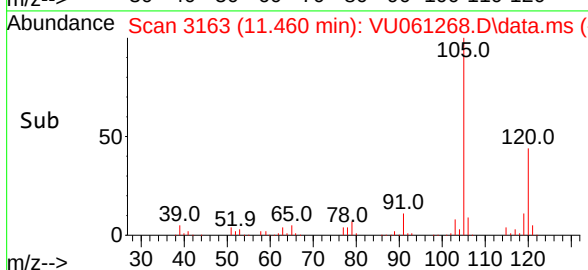
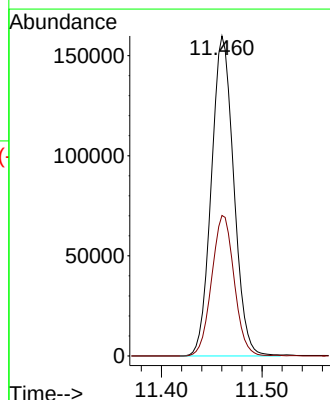
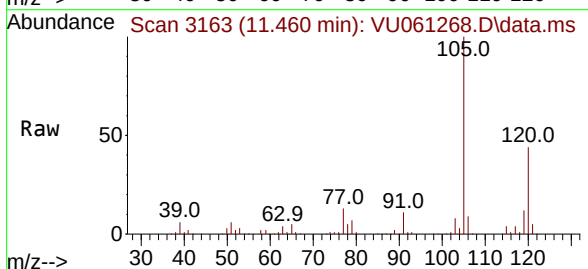
Instrument :
MSVOA_U
ClientSampleId :

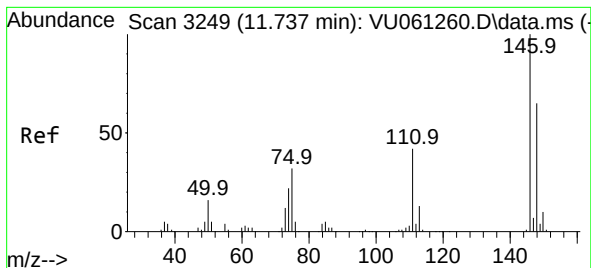
Tgt Ion:105 Resp: 251253
Ion Ratio Lower Upper
105 100
120 48.1 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 5.133 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VU061268.D
Acq: 28 Oct 2024 15:53

Tgt Ion:105 Resp: 247406
Ion Ratio Lower Upper
105 100
120 44.1 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 5.355 ug/L

RT: 11.740 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU061268.D

Acq: 28 Oct 2024 15:53

Instrument :

MSVOA_U

ClientSampleId :

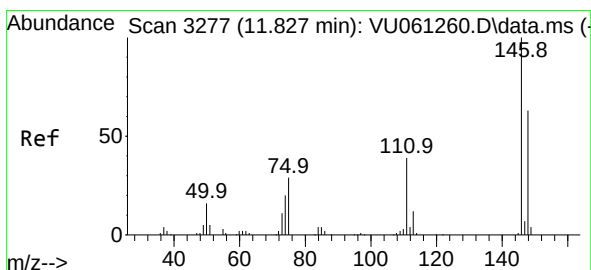
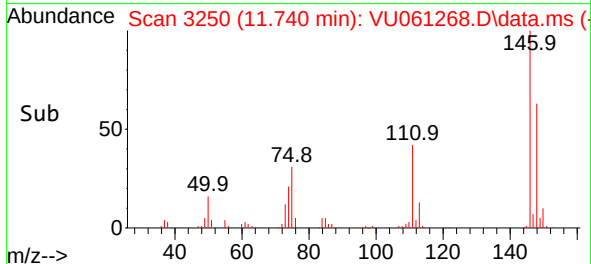
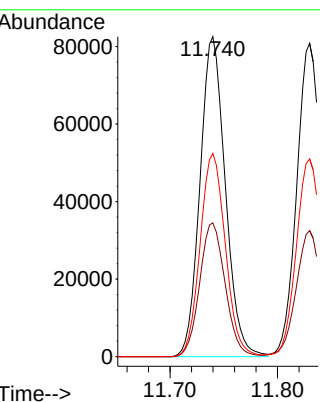
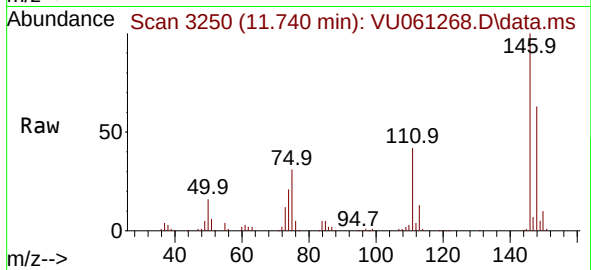
Tgt Ion:146 Resp: 134994

Ion Ratio Lower Upper

146 100

111 41.8 30.0 55.8

148 63.5 45.1 83.7



#65

1,4-Dichlorobenzene

Concen: 5.131 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.003 min

Lab File: VU061268.D

Acq: 28 Oct 2024 15:53

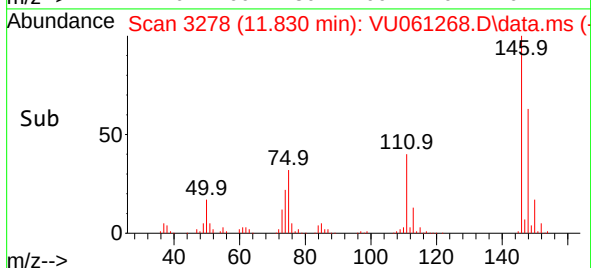
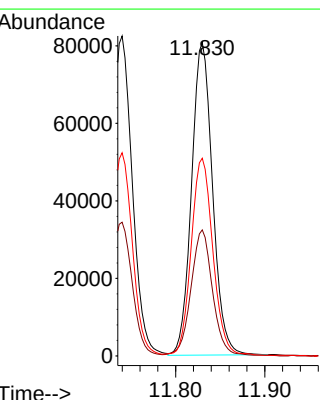
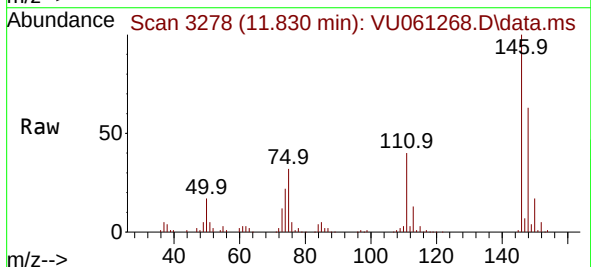
Tgt Ion:146 Resp: 131867

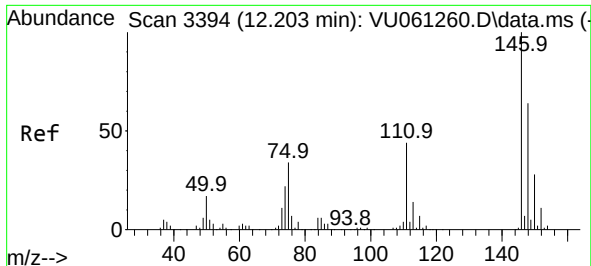
Ion Ratio Lower Upper

146 100

111 40.2 28.2 52.4

148 63.1 43.3 80.3





#67

1,2-Dichlorobenzene

Concen: 5.298 ug/L

RT: 12.206 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU061268.D

Acq: 28 Oct 2024 15:53

Instrument :

MSVOA_U

ClientSampleId :

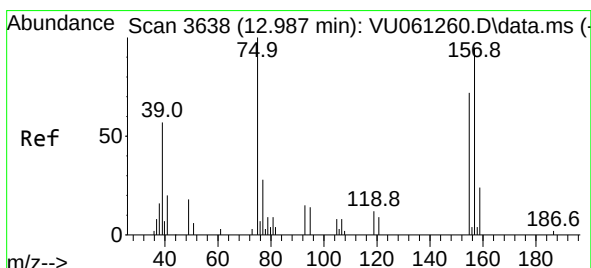
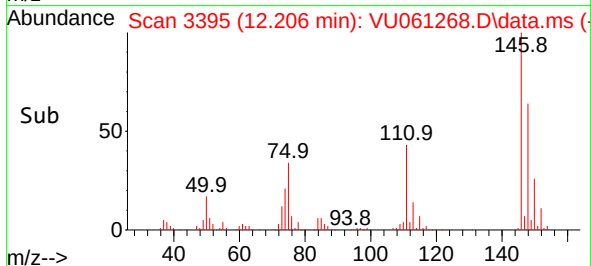
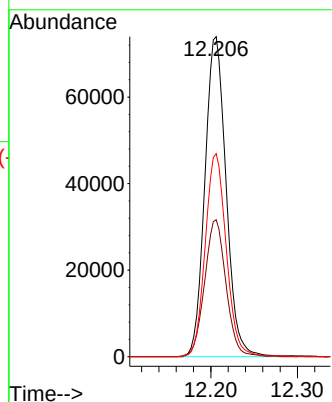
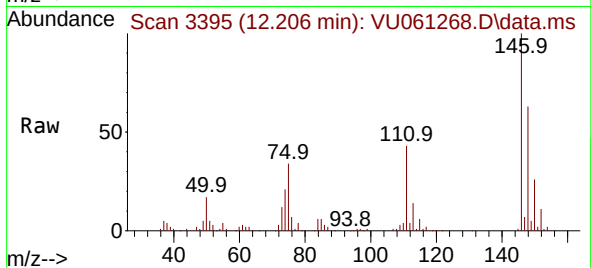
Tgt Ion:146 Resp: 125702

Ion Ratio Lower Upper

146 100

111 42.8 35.2 52.8

148 63.5 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 5.181 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU061268.D

Acq: 28 Oct 2024 15:53

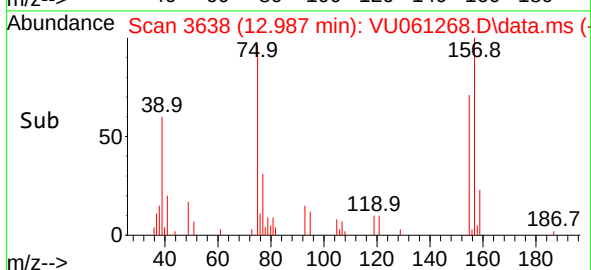
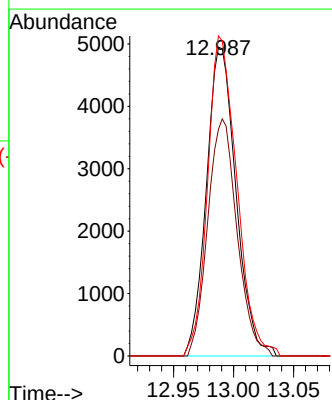
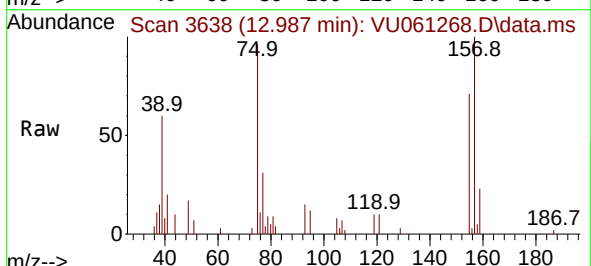
Tgt Ion: 75 Resp: 8498

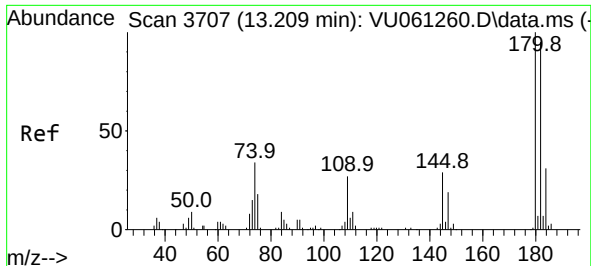
Ion Ratio Lower Upper

75 100

155 73.4 69.3 103.9

157 103.6 81.4 122.2





#69

1,3,5-Trichlorobenzene

Concen: 5.363 ug/L

RT: 13.212 min Scan# 31

Delta R.T. 0.003 min

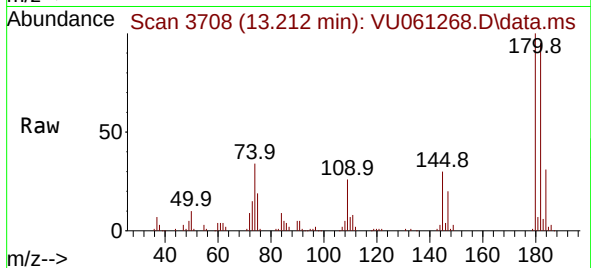
Lab File: VU061268.D

Acq: 28 Oct 2024 15:53

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 92676

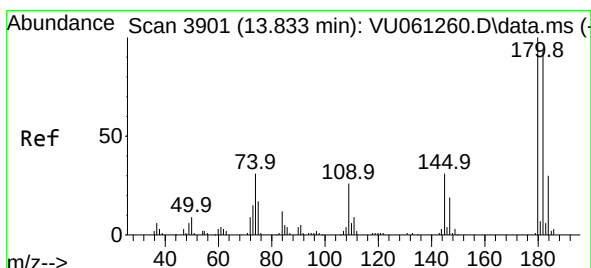
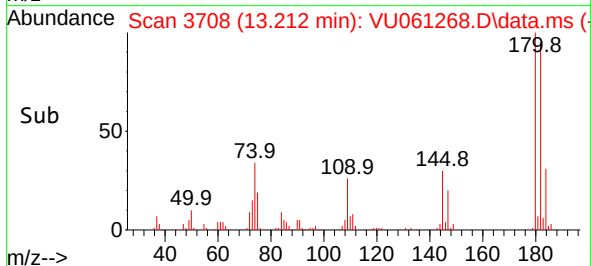
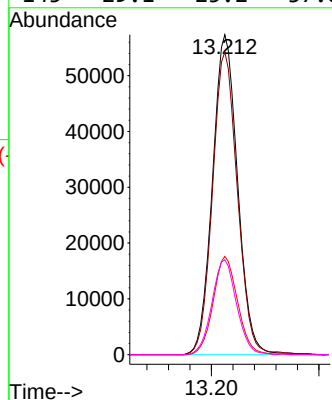
Ion Ratio Lower Upper

180 100

182 94.1 77.4 116.2

184 30.0 24.4 36.6

145 29.1 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 5.395 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU061268.D

Acq: 28 Oct 2024 15:53

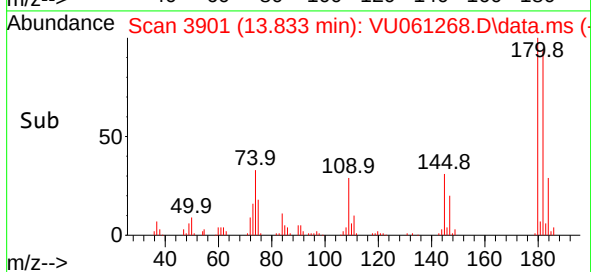
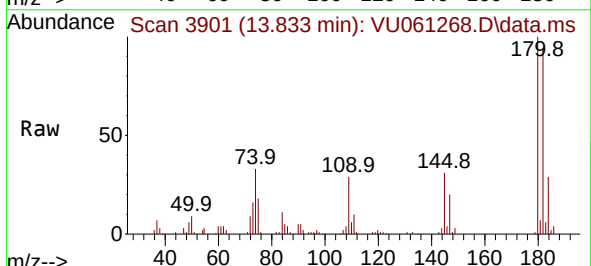
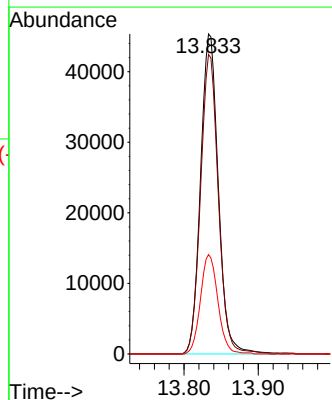
Tgt Ion:180 Resp: 75233

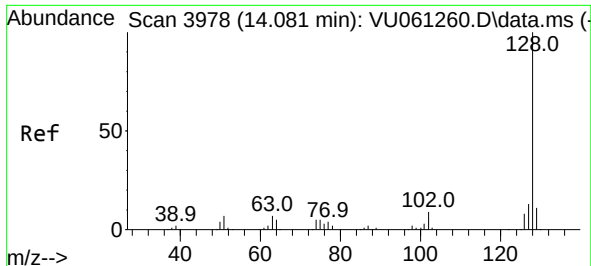
Ion Ratio Lower Upper

180 100

182 93.5 77.2 115.8

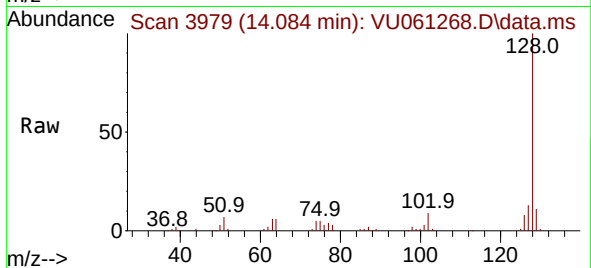
145 30.4 25.6 38.4



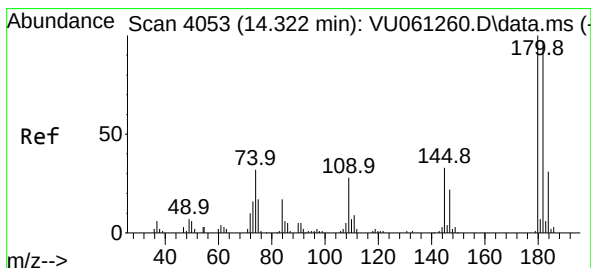
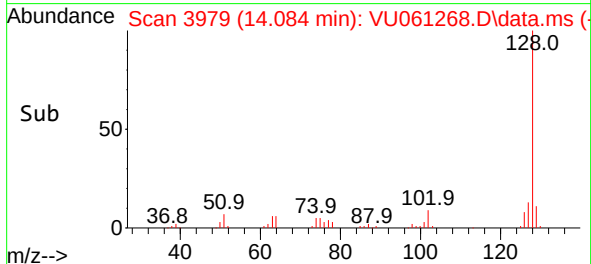
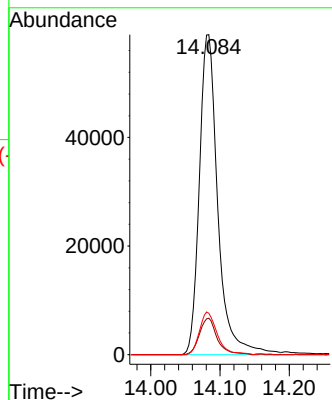


#71
Naphthalene
Concen: 4.961 ug/L
RT: 14.084 min Scan# 3978
Delta R.T. 0.003 min
Lab File: VU061268.D
Acq: 28 Oct 2024 15:53

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 109177
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 12.8 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 5.258 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU061268.D
Acq: 28 Oct 2024 15:53

Tgt Ion:180 Resp: 61346
Ion Ratio Lower Upper
180 100
182 95.8 76.0 114.0
145 31.7 26.5 39.7

