

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111424\
 Data File : VU061659.D
 Acq On : 14 Nov 2024 09:16
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 00:34:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 14 04:06:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	192477	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	181050	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	90074	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	57502	4.624	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.400%
7) Chloroethane-d5	1.911	69	51643	4.864	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	2.563	65	25750	4.615	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.200%
20) 2-Butanone-d5	4.627	46	134465	50.941	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.880%
24) Chloroform-d	5.052	84	123364	4.991	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.692	65	59834	5.044	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.717	84	245363	4.899	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	6.682	67	74264	5.027	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.891	98	230259	4.932	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
43) trans-1,3-Dichloroprop...	8.174	79	27059	4.973	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.400%
46) 2-Hexanone-d5	8.627	63	114566	53.281	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.560%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	59085	5.074	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	12.183	152	80174	4.998	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	77472	5.415	ug/L	98
3) Chloromethane	1.518	50	66437	5.119	ug/L	99
5) Vinyl chloride	1.602	62	74805	5.223	ug/L	96
6) Bromomethane	1.856	94	40181	4.702	ug/L	99
8) Chloroethane	1.933	64	51683	5.202	ug/L	98
9) Trichlorofluoromethane	2.136	101	109646	5.208	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	67465	5.420	ug/L	98
12) 1,1-Dichloroethene	2.576	96	60958	5.246	ug/L	90
13) Acetone	2.647	43	84316	50.701	ug/L	98
14) Carbon disulfide	2.788	76	181760	4.870	ug/L	99
15) Methyl Acetate	2.955	43	20510	4.936	ug/L	99
16) Methylene chloride	3.039	84	68876	5.144	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	149078	5.235	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	66856	5.246	ug/L	97
19) 1,1-Dichloroethane	3.859	63	120942	5.205	ug/L	99
21) 2-Butanone	4.708	43	139355	51.309	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	75033	5.220	ug/L	97
23) Bromochloromethane	4.965	128	33878	5.307	ug/L	99
25) Chloroform	5.078	83	130245	5.318	ug/L	96

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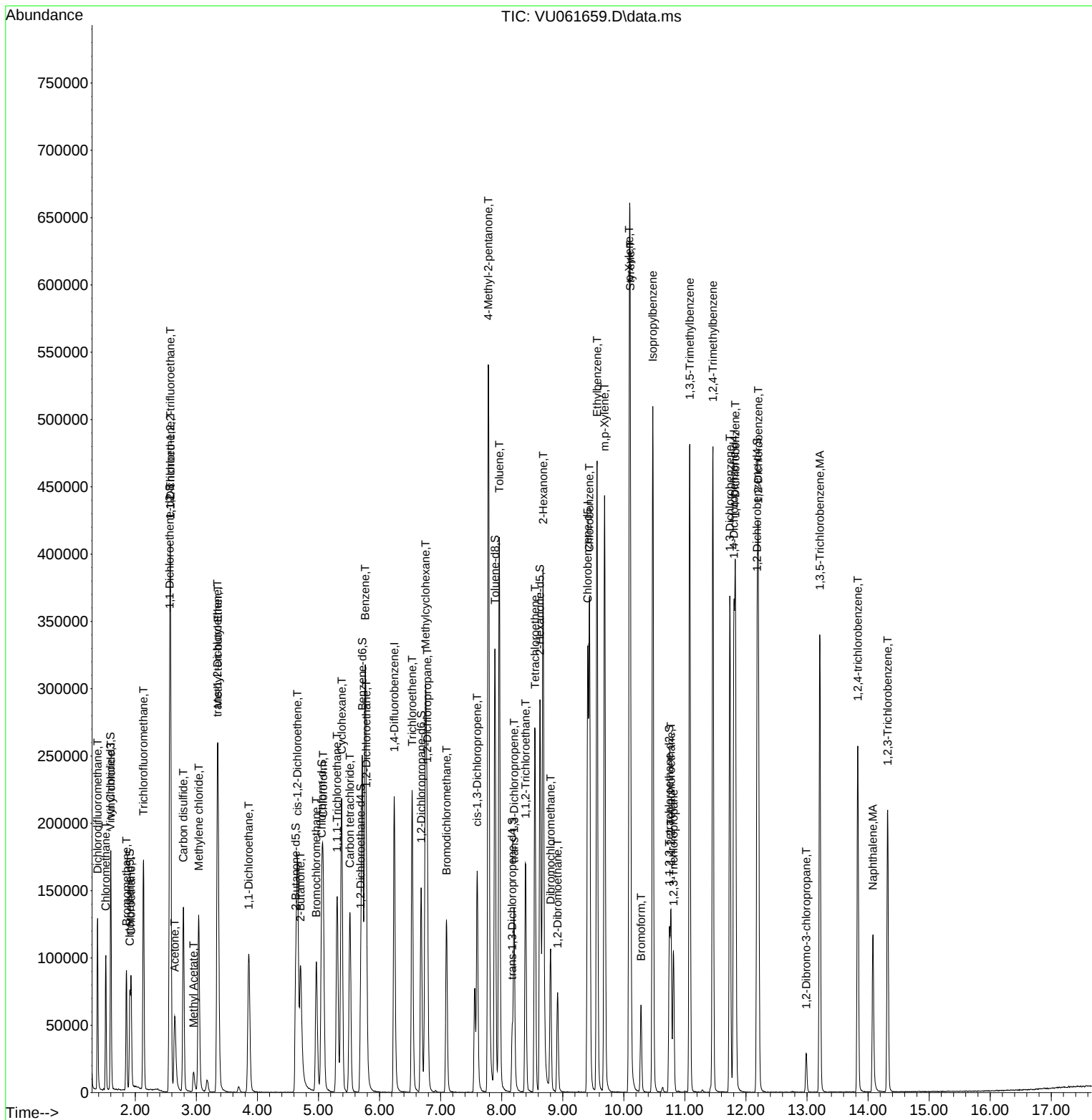
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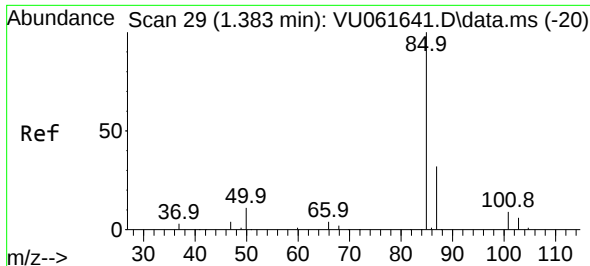
Quant Time: Nov 15 00:34:33 2024
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	78107	5.082	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	108398	5.261	ug/L	100
30) Cyclohexane	5.380	56	108599	5.277	ug/L	98
31) Carbon tetrachloride	5.515	117	94187	5.367	ug/L	98
33) Benzene	5.766	78	294344	5.372	ug/L	100
34) Trichloroethene	6.534	95	77759	5.256	ug/L	97
35) Methylcyclohexane	6.753	83	122954	5.510	ug/L	99
37) 1,2-Dichloropropane	6.782	63	73913	5.317	ug/L	100
38) Bromodichloromethane	7.097	83	85876	5.149	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	103748	5.244	ug/L	96
40) 4-Methyl-2-pentanone	7.782	43	357610	53.652	ug/L	100
42) Toluene	7.962	91	317898	5.388	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	82001	5.225	ug/L	98
45) 1,1,2-Trichloroethane	8.389	97	54644	5.392	ug/L	96
47) Tetrachloroethene	8.547	164	60946	5.482	ug/L	97
48) 2-Hexanone	8.679	43	255088	53.525	ug/L	99
49) Dibromochloromethane	8.801	129	55404	5.214	ug/L	98
50) 1,2-Dibromoethane	8.917	107	51473	5.385	ug/L	99
51) Chlorobenzene	9.438	112	201435	5.304	ug/L	99
52) Ethylbenzene	9.563	91	342053	5.443	ug/L	99
53) m,p-Xylene	9.685	106	132484	5.510	ug/L	98
54) o-Xylene	10.090	106	127902	5.472	ug/L	97
55) Styrene	10.106	104	207881	5.586	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	64885	5.261	ug/L	96
59) Bromoform	10.283	173	28986	4.862	ug/L	99
60) Isopropylbenzene	10.476	105	342505	5.483	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	44332	5.225	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	268470	5.368	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	267066	5.486	ug/L	100
64) 1,3-Dichlorobenzene	11.736	146	152949	5.339	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	153637	5.282	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	139886	5.251	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	7152	4.827	ug/L	92
69) 1,3,5-Trichlorobenzene	13.209	180	109241	5.462	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	81130	5.234	ug/L	100
71) Naphthalene	14.080	128	105679	4.749	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	67379	5.178	ug/L	98

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

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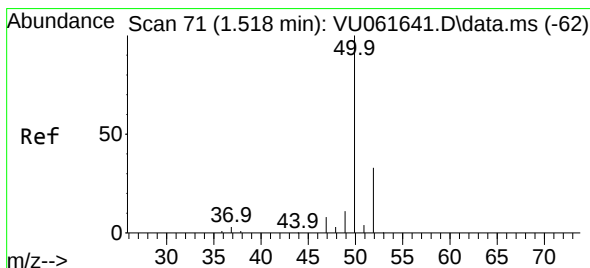
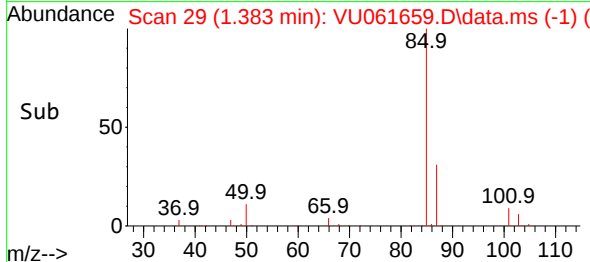
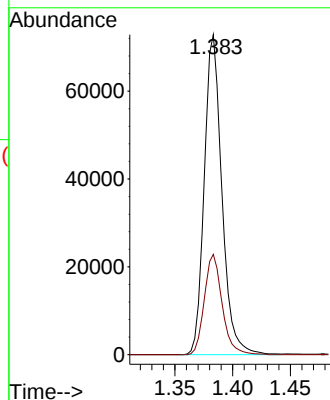
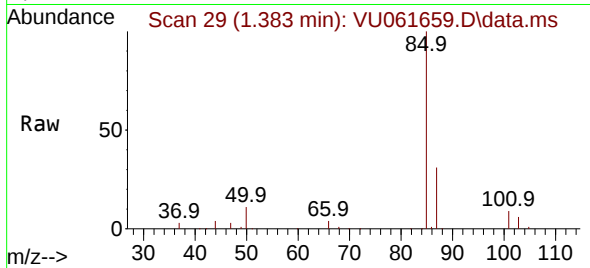




#2
Dichlorodifluoromethane
Concen: 5.415 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU061659.D
Acq: 14 Nov 2024 09:16

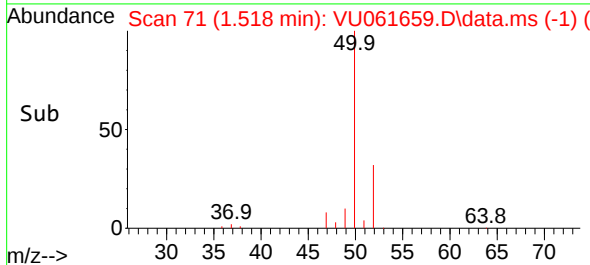
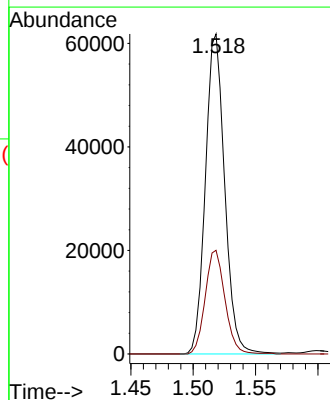
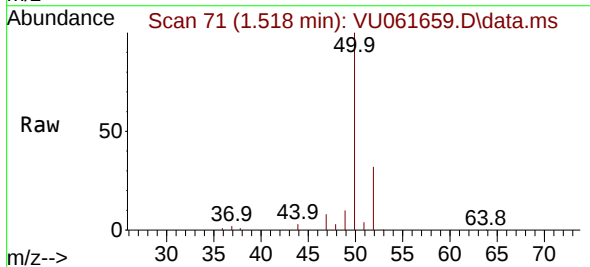
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MSVOA_U
ClientSampleId :

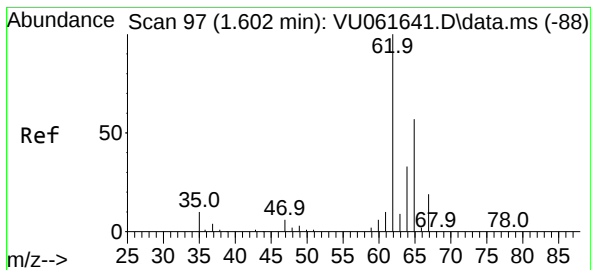
Tgt Ion: 85 Resp: 77472
Ion Ratio Lower Upper
85 100
87 31.6 26.0 39.0



#3
Chloromethane
Concen: 5.119 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU061659.D
Acq: 14 Nov 2024 09:16

Tgt Ion: 50 Resp: 66437
Ion Ratio Lower Upper
50 100
52 32.4 23.2 43.2





#5

Vinyl chloride

Concen: 5.223 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU061659.D

Acq: 14 Nov 2024 09:16

Instrument :

MSVOA_U

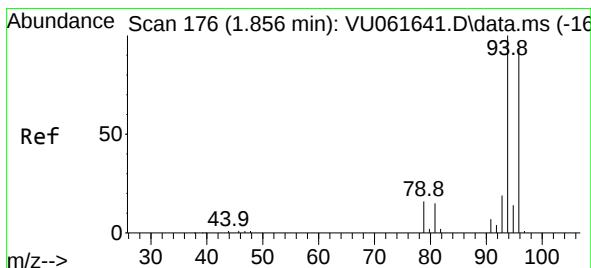
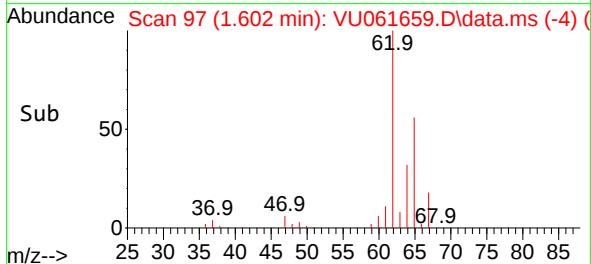
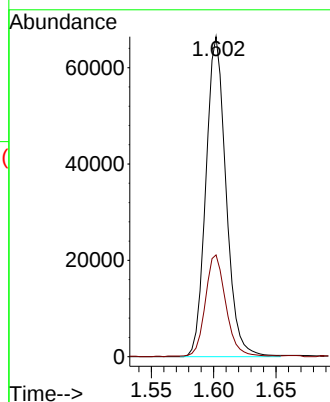
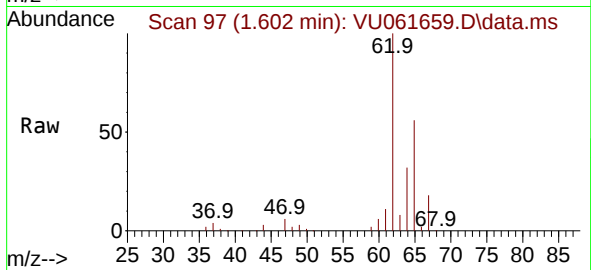
ClientSampleId :

Tgt Ion: 62 Resp: 74805

Ion Ratio Lower Upper

62 100

64 31.8 23.7 44.1



#6

Bromomethane

Concen: 4.702 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.000 min

Lab File: VU061659.D

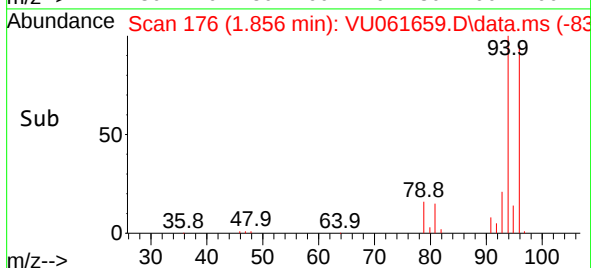
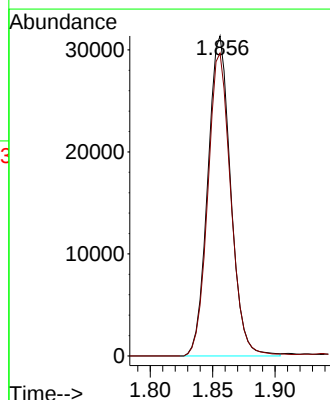
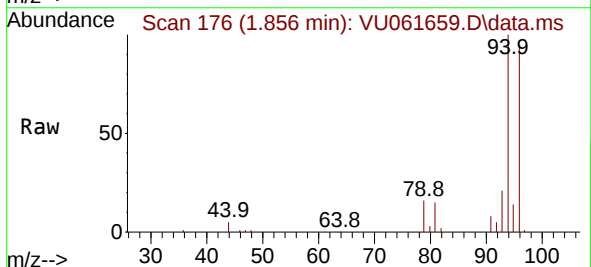
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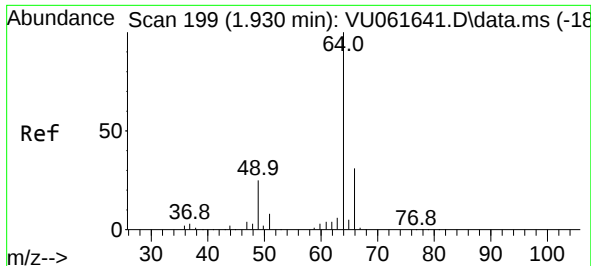
Tgt Ion: 94 Resp: 40181

Ion Ratio Lower Upper

94 100

96 94.6 65.7 121.9





#8

Chloroethane

Concen: 5.202 ug/L

RT: 1.933 min Scan# 20

Delta R.T. 0.003 min

Lab File: VU061659.D

Acq: 14 Nov 2024 09:16

Instrument :

MSVOA_U

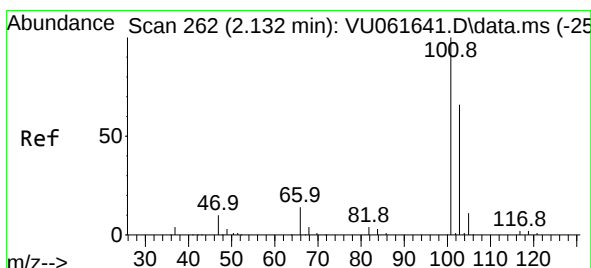
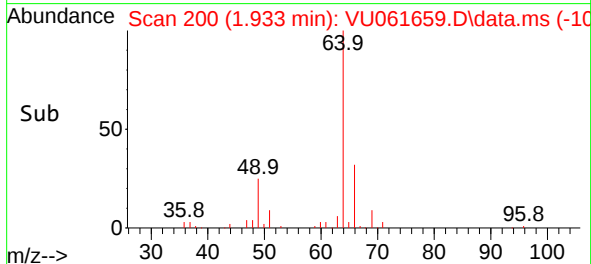
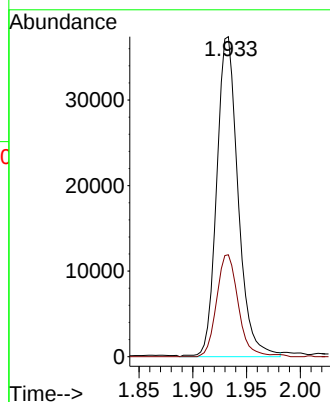
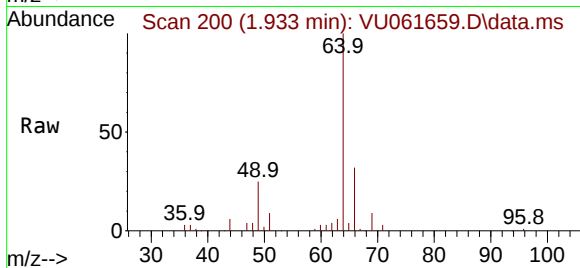
ClientSampleId :

Tgt Ion: 64 Resp: 51683

Ion Ratio Lower Upper

64 100

66 31.8 23.1 42.9



#9

Trichlorofluoromethane

Concen: 5.208 ug/L

RT: 2.136 min Scan# 263

Delta R.T. 0.003 min

Lab File: VU061659.D

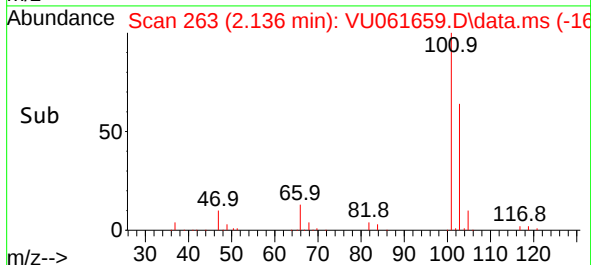
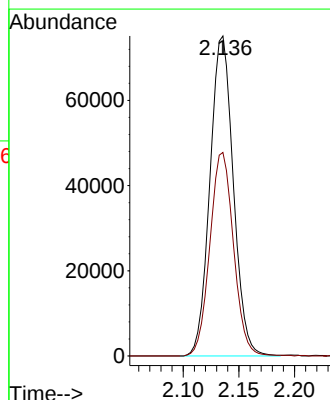
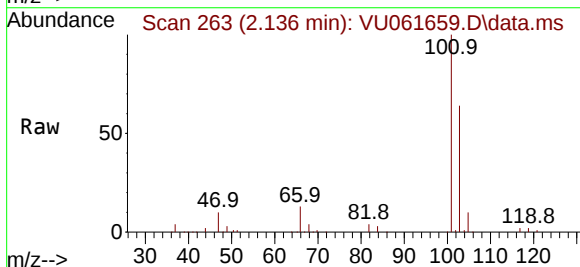
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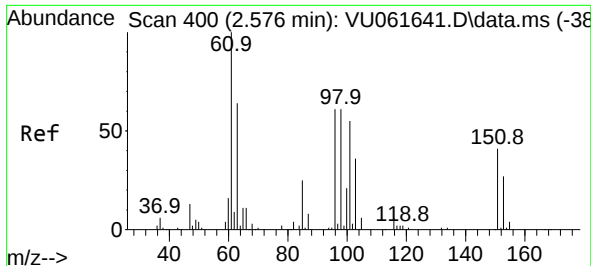
Tgt Ion:101 Resp: 109646

Ion Ratio Lower Upper

101 100

103 64.3 52.2 78.2

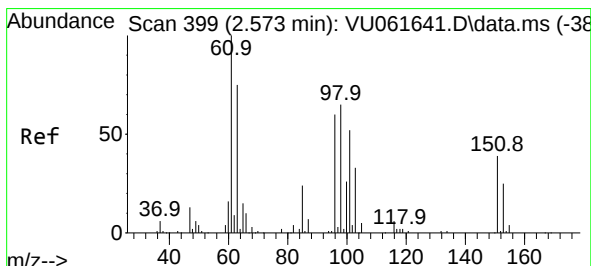
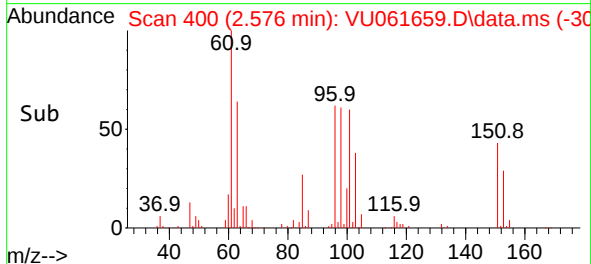
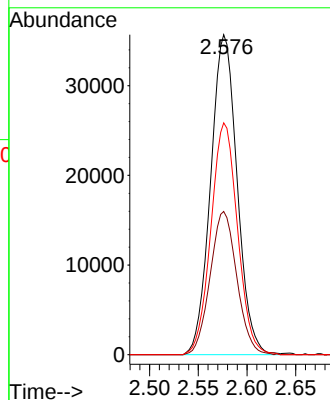
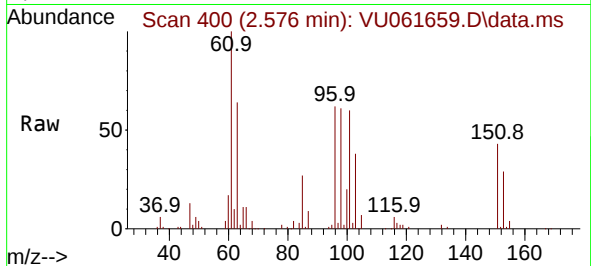




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.420 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU061659.D
 Acq: 14 Nov 2024 09:16

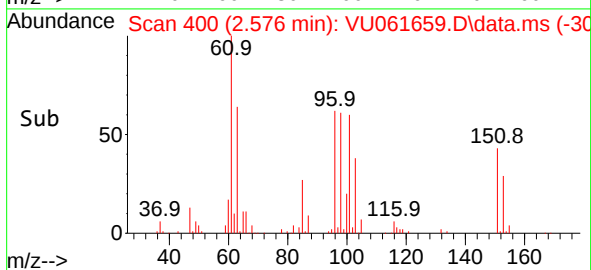
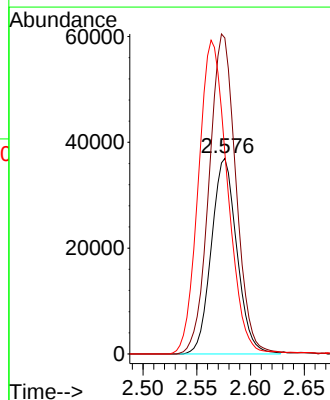
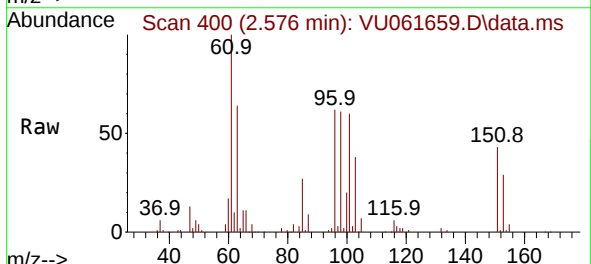
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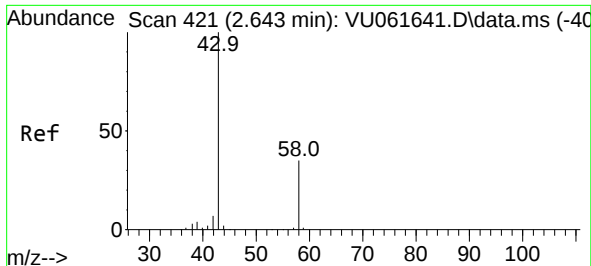
Tgt Ion:101 Resp: 67465
 Ion Ratio Lower Upper
 101 100
 85 45.0 35.1 52.7
 151 72.8 56.9 85.3



#12
 1,1-Dichloroethene
 Concen: 5.246 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.003 min
 Lab File: VU061659.D
 Acq: 14 Nov 2024 09:16

Tgt Ion: 96 Resp: 60958
 Ion Ratio Lower Upper
 96 100
 61 161.6 116.8 217.0
 63 103.0 86.1 159.9





#13

Acetone

Concen: 50.701 ug/L

RT: 2.647 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU061659.D

Acq: 14 Nov 2024 09:16

Instrument :

MSVOA_U

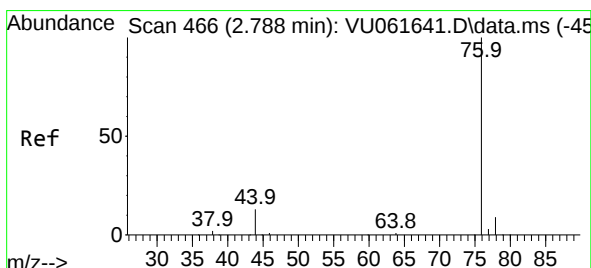
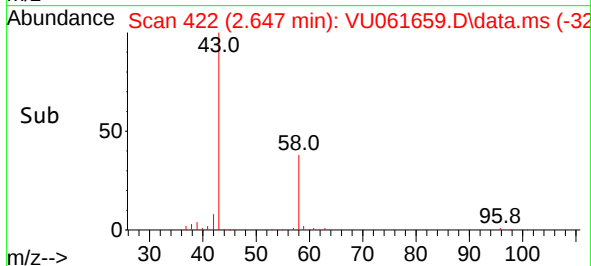
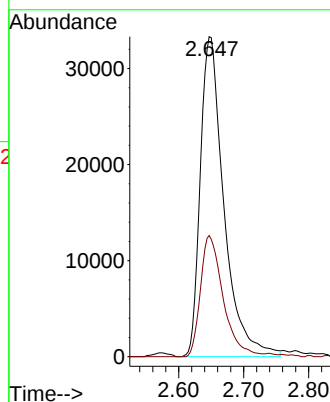
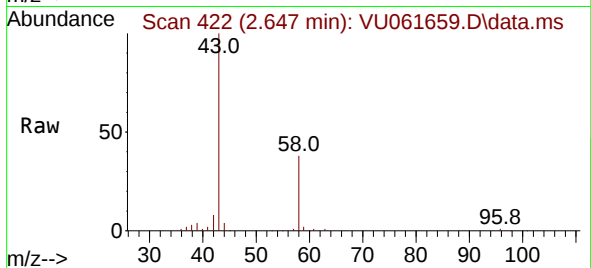
ClientSampleId :

Tgt Ion: 43 Resp: 84316

Ion Ratio Lower Upper

43 100

58 36.2 0.0 69.8



#14

Carbon disulfide

Concen: 4.870 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU061659.D

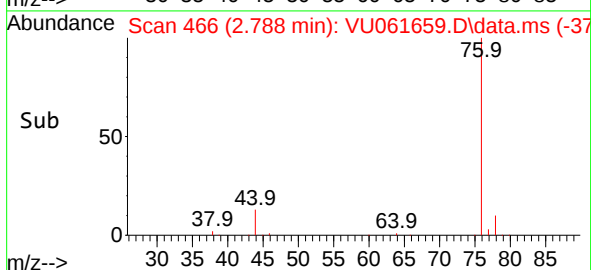
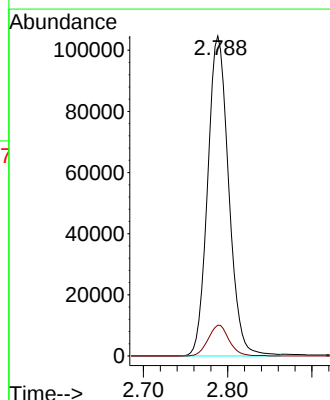
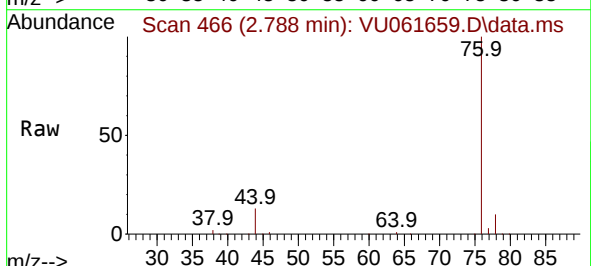
Acq: 14 Nov 2024 09:16

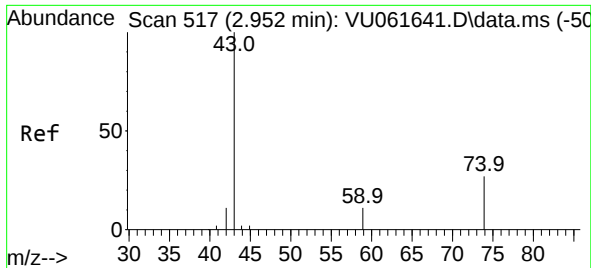
Tgt Ion: 76 Resp: 181760

Ion Ratio Lower Upper

76 100

78 9.6 7.3 10.9

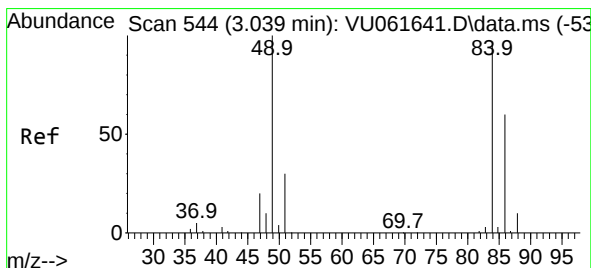
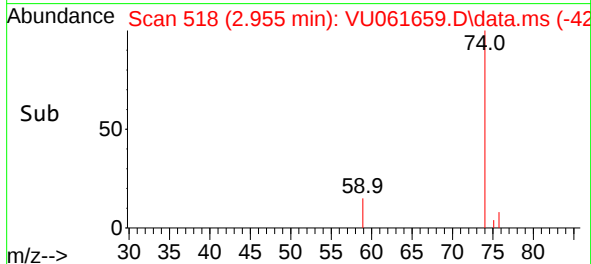
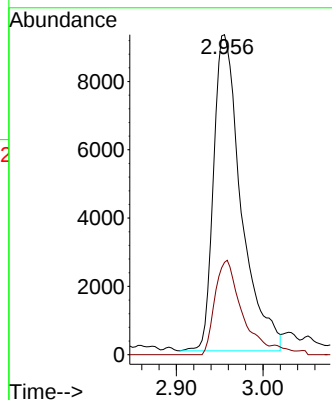
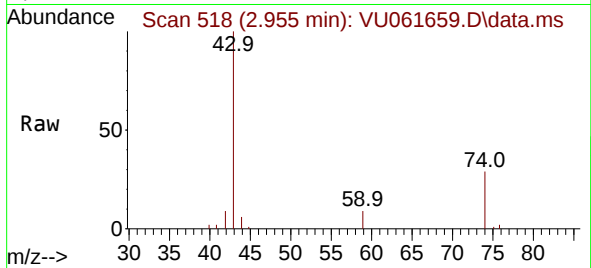




#15
Methyl Acetate
Concen: 4.936 ug/L
RT: 2.955 min Scan# 517
Delta R.T. 0.003 min
Lab File: VU061659.D
Acq: 14 Nov 2024 09:16

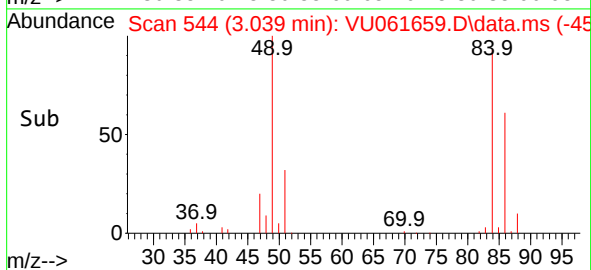
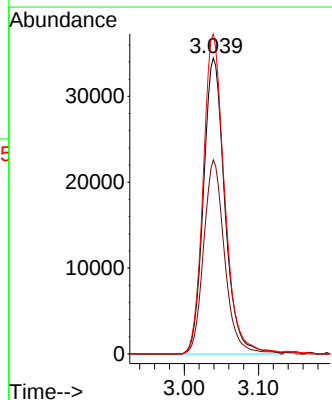
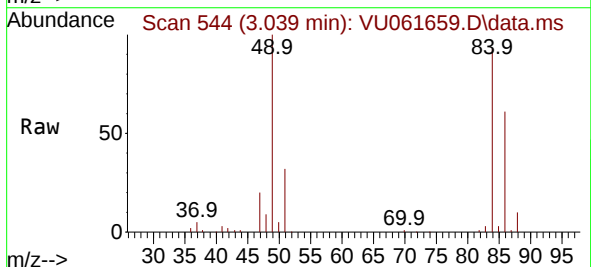
Instrument :
MSVOA_U
ClientSampleId :

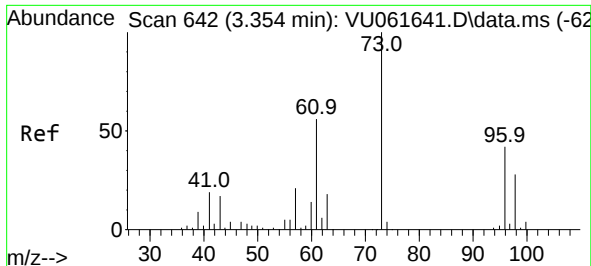
Tgt Ion: 43 Resp: 20510
Ion Ratio Lower Upper
43 100
74 28.5 22.5 33.7



#16
Methylene chloride
Concen: 5.144 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU061659.D
Acq: 14 Nov 2024 09:16

Tgt Ion: 84 Resp: 68876
Ion Ratio Lower Upper
84 100
86 65.5 45.1 83.7
49 108.1 76.3 141.7

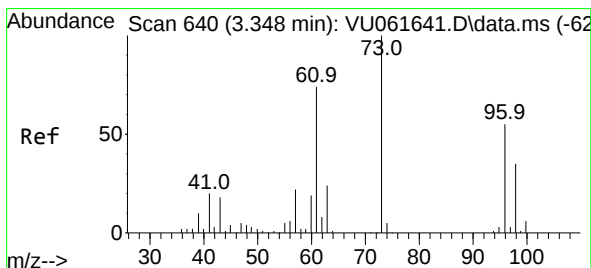
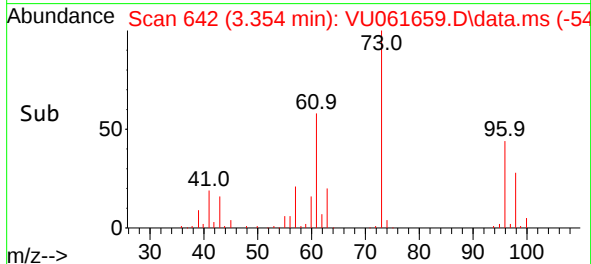
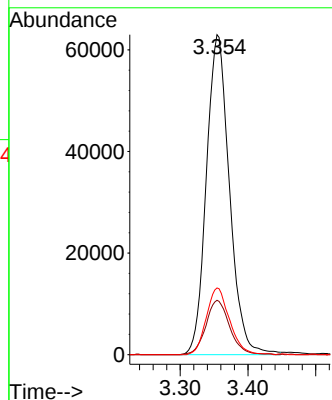
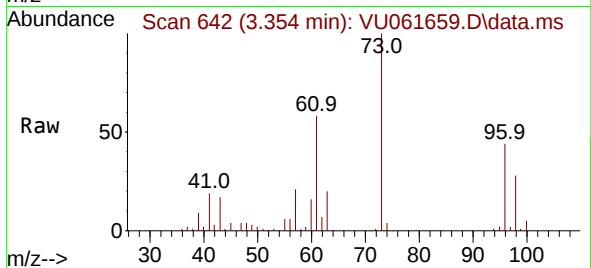




#17
Methyl tert-butyl Ether
Concen: 5.235 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU061659.D
Acq: 14 Nov 2024 09:16

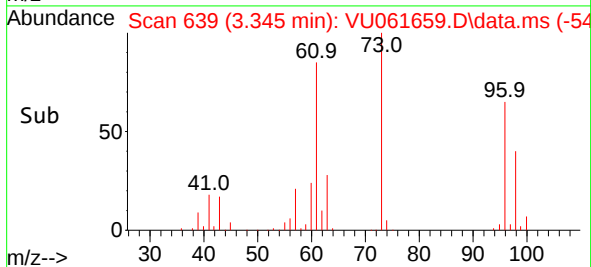
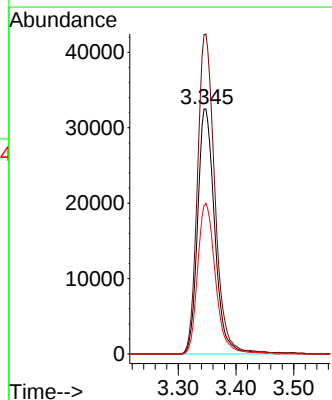
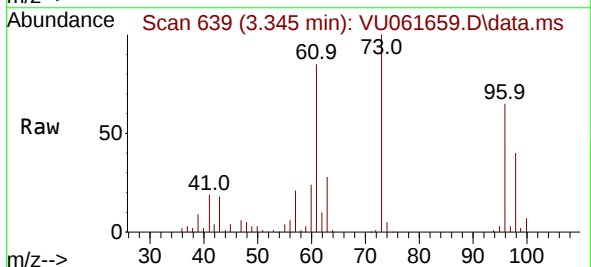
Instrument :
MSVOA_U
ClientSampleId :

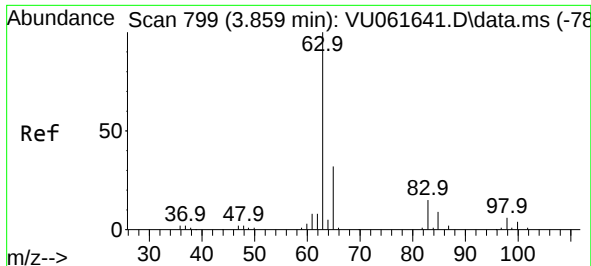
Tgt Ion: 73	Resp: 149078
Ion Ratio	Lower Upper
73 100	
43 17.5	14.2 21.4
57 21.0	16.9 25.3



#18
trans-1,2-Dichloroethene
Concen: 5.246 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU061659.D
Acq: 14 Nov 2024 09:16

Tgt Ion: 96	Resp: 66856		
Ion Ratio	Lower	Upper	
96 100			
61 130.3	94.1	174.8	
98 60.7	43.2	80.2	





#19

1,1-Dichloroethane

Concen: 5.205 ug/L

RT: 3.859 min Scan# 799

Delta R.T. 0.000 min

Lab File: VU061659.D

Acq: 14 Nov 2024 09:16

Instrument :

MSVOA_U

ClientSampleId :

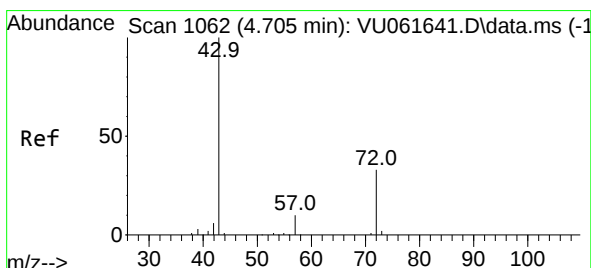
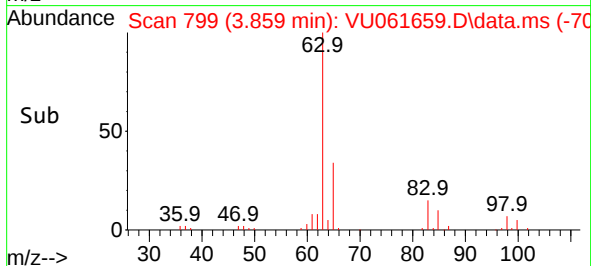
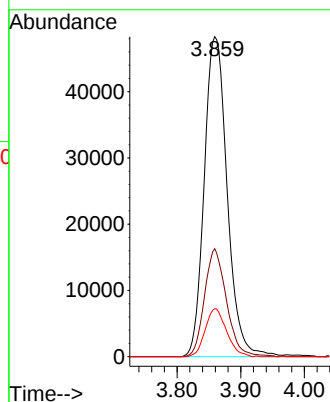
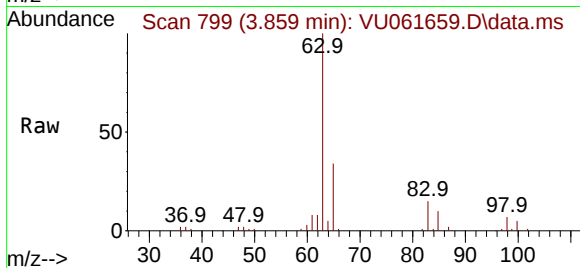
Tgt Ion: 63 Resp: 120942

Ion Ratio Lower Upper

63 100

65 33.7 23.4 43.4

83 15.0 9.6 17.8



#21

2-Butanone

Concen: 51.309 ug/L

RT: 4.708 min Scan# 1063

Delta R.T. 0.003 min

Lab File: VU061659.D

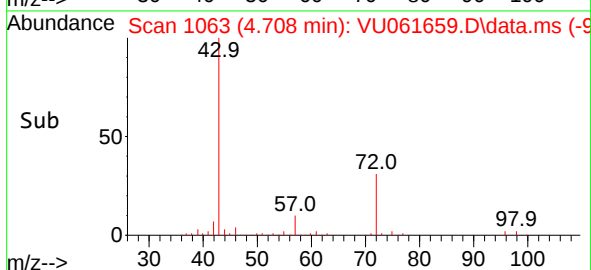
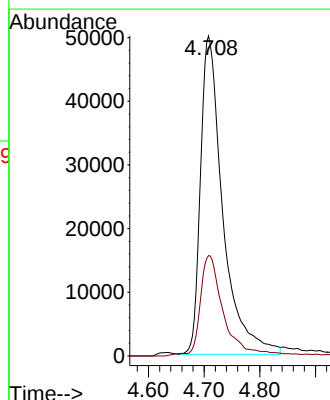
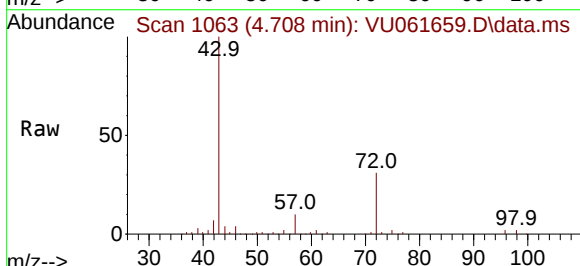
Acq: 14 Nov 2024 09:16

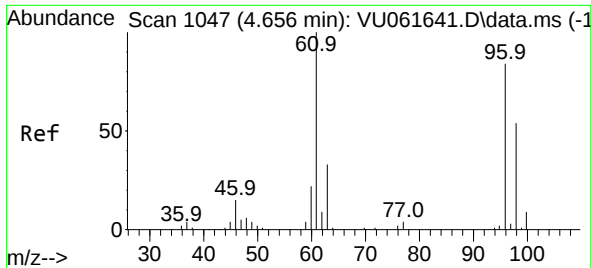
Tgt Ion: 43 Resp: 139355

Ion Ratio Lower Upper

43 100

72 29.9 15.8 47.3

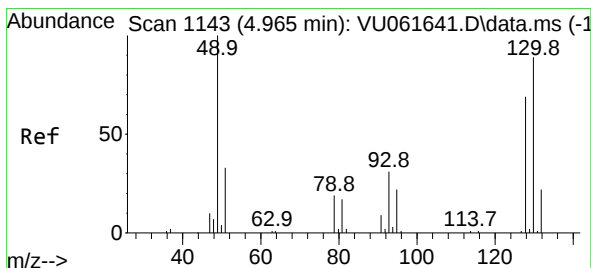
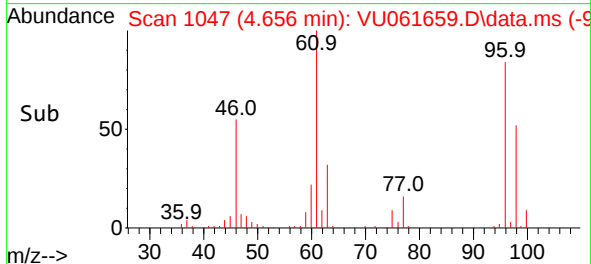
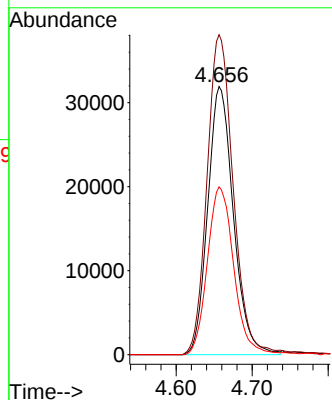
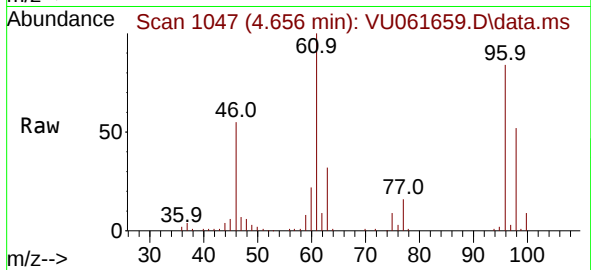




#22
 cis-1,2-Dichloroethene
 Concen: 5.220 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU061659.D
 Acq: 14 Nov 2024 09:16

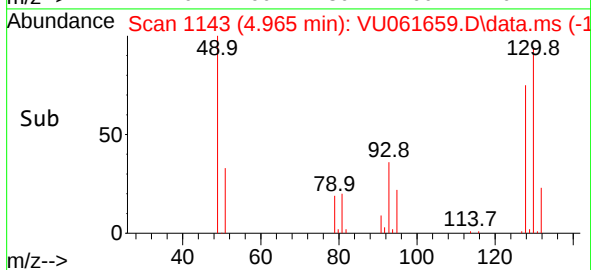
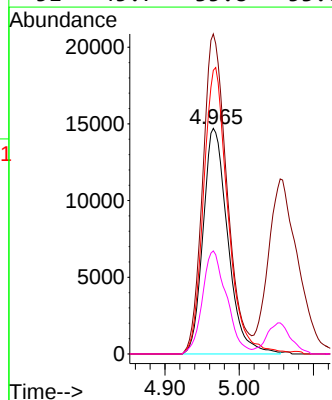
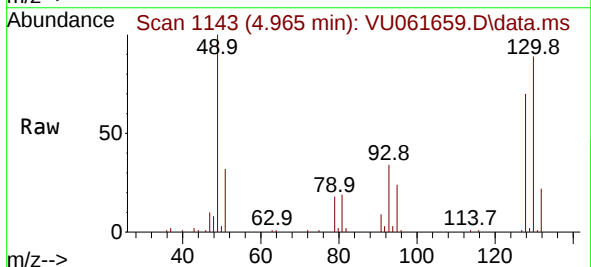
Instrument :
 MSVOA_U
 ClientSampleId :

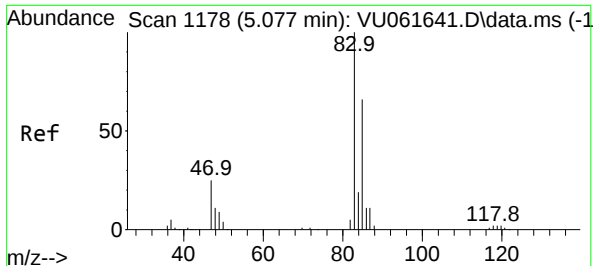
Tgt Ion: 96 Resp: 75033
 Ion Ratio Lower Upper
 96 100
 61 119.3 85.6 159.0
 98 62.6 45.6 84.8



#23
 Bromochloromethane
 Concen: 5.307 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. 0.000 min
 Lab File: VU061659.D
 Acq: 14 Nov 2024 09:16

Tgt Ion:128 Resp: 33878
 Ion Ratio Lower Upper
 128 100
 49 141.9 99.1 184.1
 130 125.8 88.6 164.6
 51 45.7 35.8 53.6





#25

Chloroform

Concen: 5.318 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU061659.D

Acq: 14 Nov 2024 09:16

Instrument :

MSVOA_U

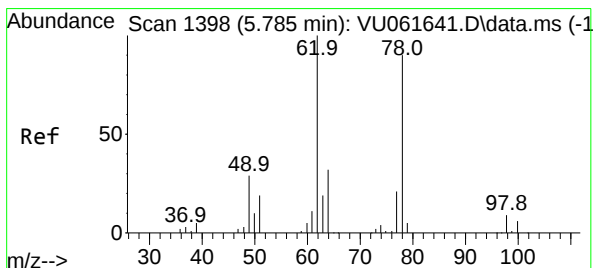
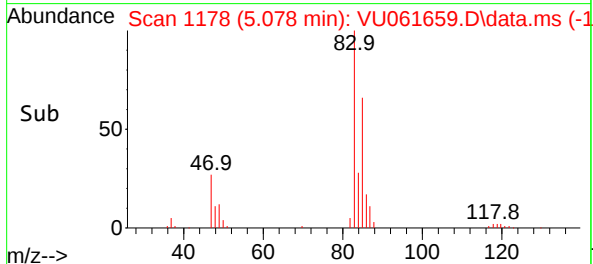
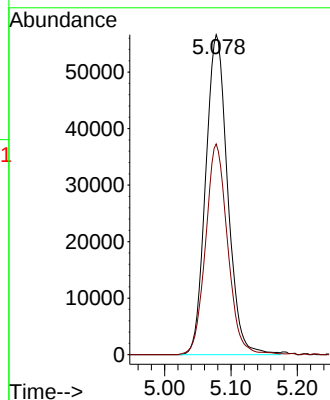
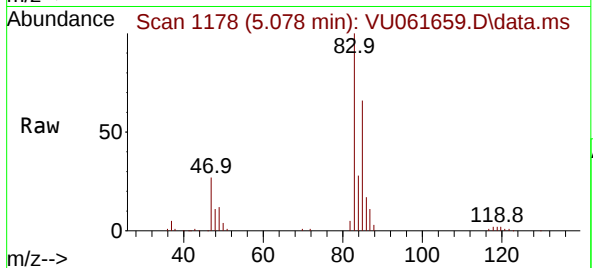
ClientSampleId :

Tgt Ion: 83 Resp: 130245

Ion Ratio Lower Upper

83 100

85 65.9 44.1 81.9



#27

1,2-Dichloroethane

Concen: 5.082 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU061659.D

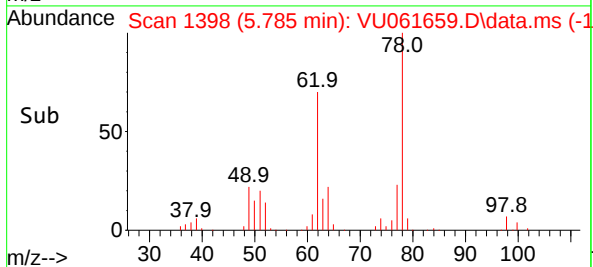
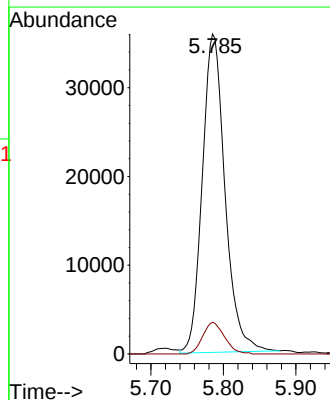
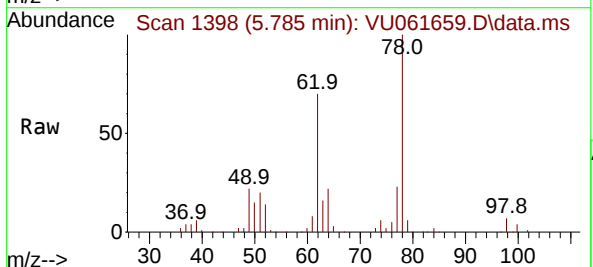
Acq: 14 Nov 2024 09:16

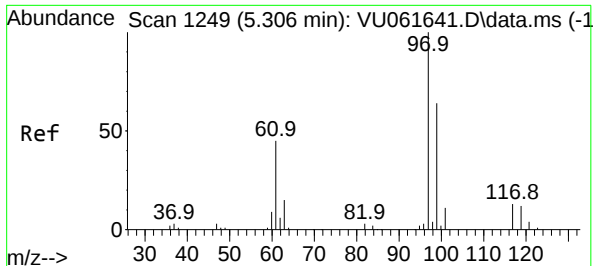
Tgt Ion: 62 Resp: 78107

Ion Ratio Lower Upper

62 100

98 9.9 7.7 11.5

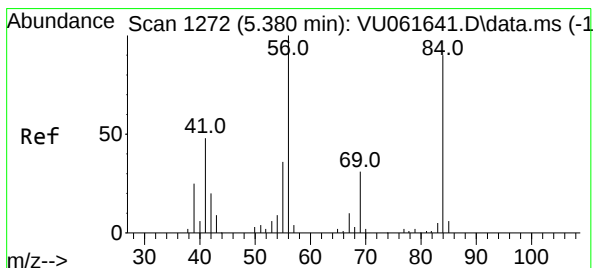
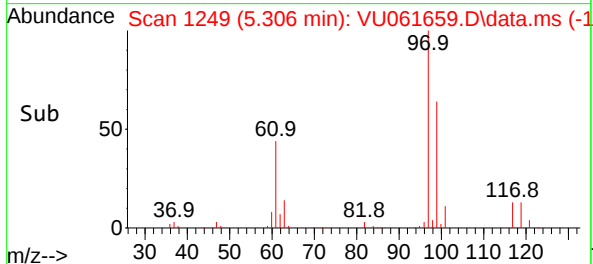
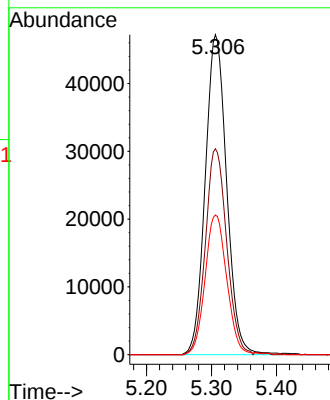
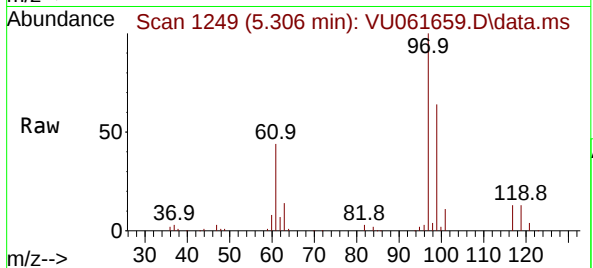




#29
1,1,1-Trichloroethane
Concen: 5.261 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU061659.D
Acq: 14 Nov 2024 09:16

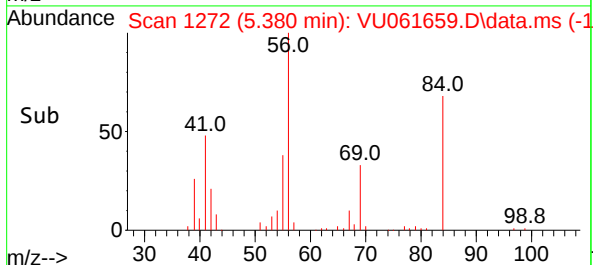
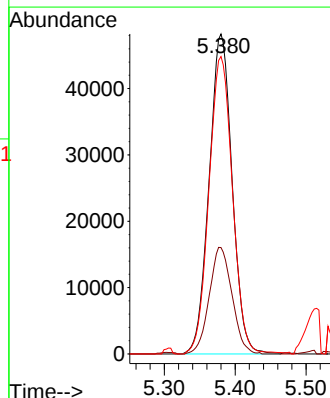
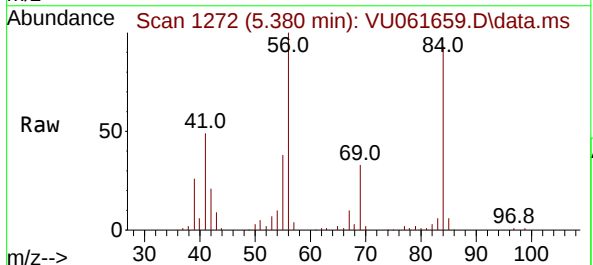
Instrument :
MSVOA_U
ClientSampleId :

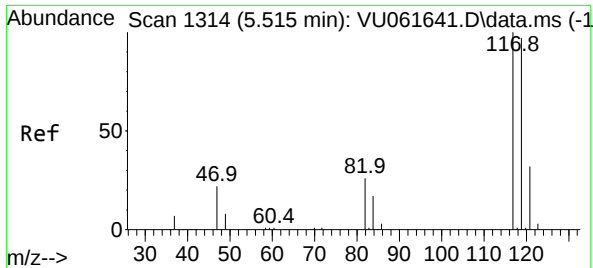
Tgt Ion: 97 Resp: 108398
Ion Ratio Lower Upper
97 100
99 64.1 51.7 77.5
61 44.2 35.4 53.0



#30
Cyclohexane
Concen: 5.277 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU061659.D
Acq: 14 Nov 2024 09:16

Tgt Ion: 56 Resp: 108599
Ion Ratio Lower Upper
56 100
69 33.0 25.6 38.4
84 95.2 74.3 111.5

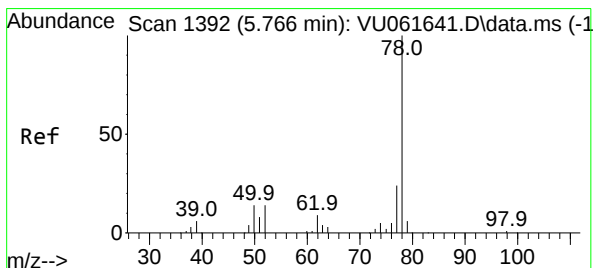
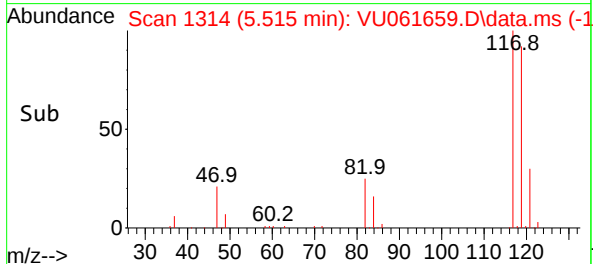
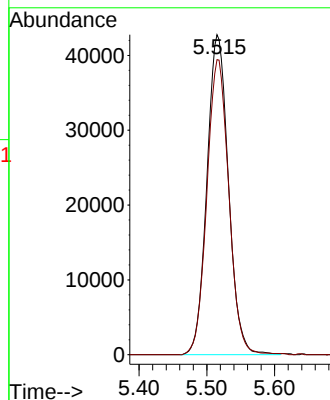
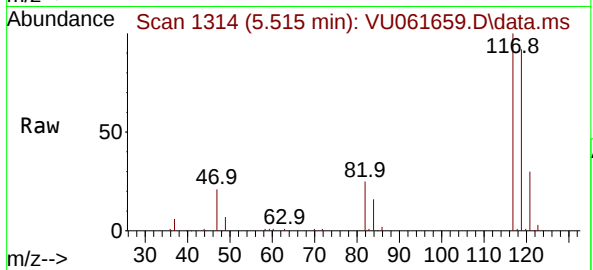




#31
Carbon tetrachloride
Concen: 5.367 ug/L
RT: 5.515 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VU061659.D
Acq: 14 Nov 2024 09:16

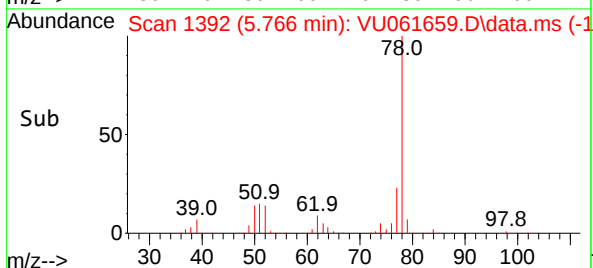
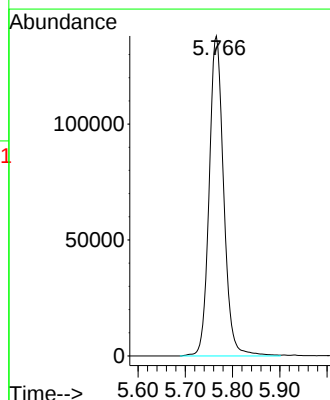
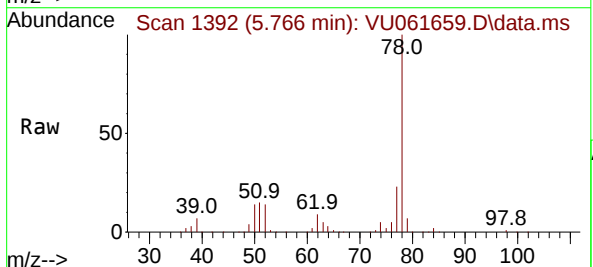
Instrument :
MSVOA_U
ClientSampleId :

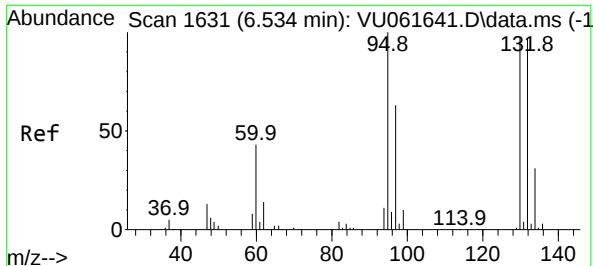
Tgt Ion:117 Resp: 94187
Ion Ratio Lower Upper
117 100
119 94.1 76.6 114.8



#33
Benzene
Concen: 5.372 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU061659.D
Acq: 14 Nov 2024 09:16

Tgt Ion: 78 Resp: 294344





#34

Trichloroethene

Concen: 5.256 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU061659.D

Acq: 14 Nov 2024 09:16

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 77759

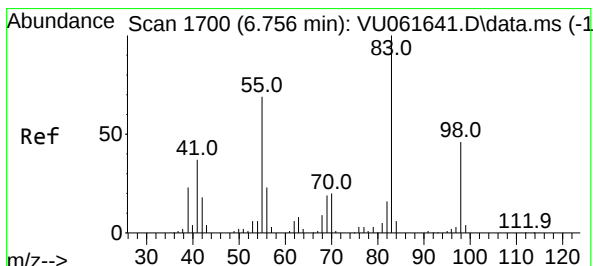
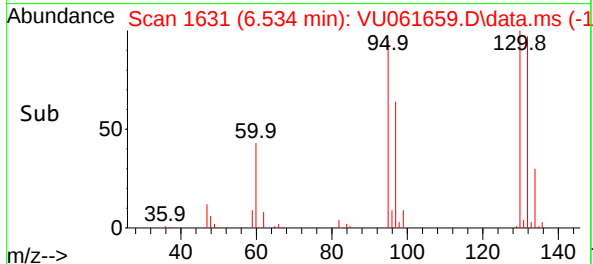
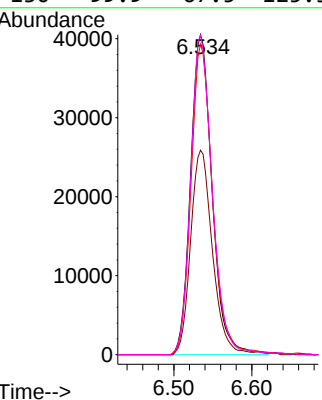
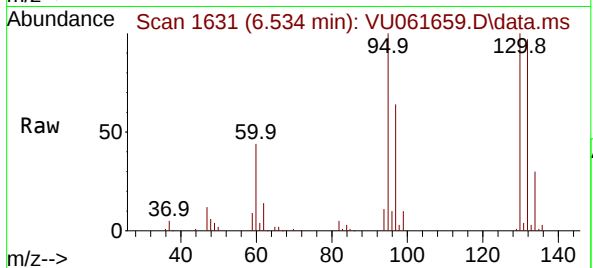
Ion Ratio Lower Upper

95 100

97 63.9 43.5 80.9

132 97.1 65.2 121.0

130 99.9 67.5 125.3



#35

Methylcyclohexane

Concen: 5.510 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VU061659.D

Acq: 14 Nov 2024 09:16

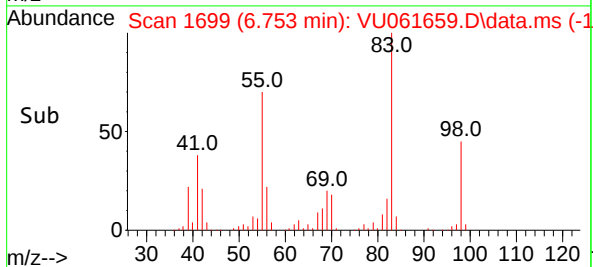
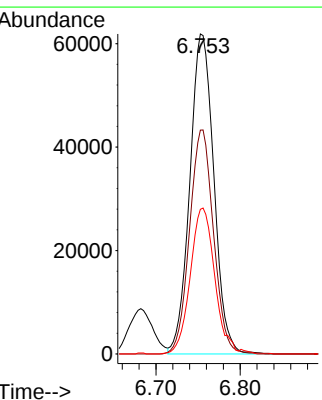
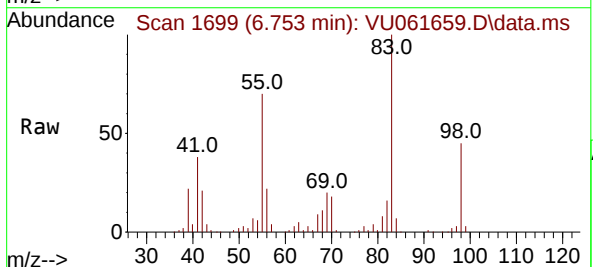
Tgt Ion: 83 Resp: 122954

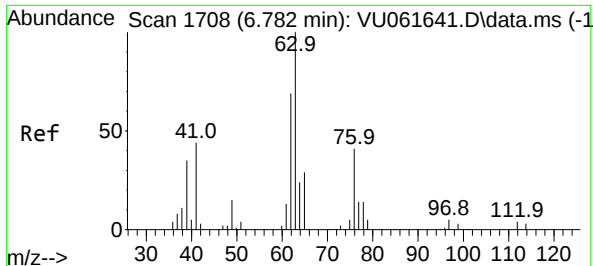
Ion Ratio Lower Upper

83 100

55 69.8 56.4 84.6

98 46.2 37.7 56.5

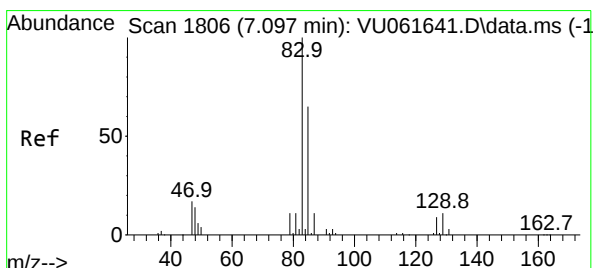
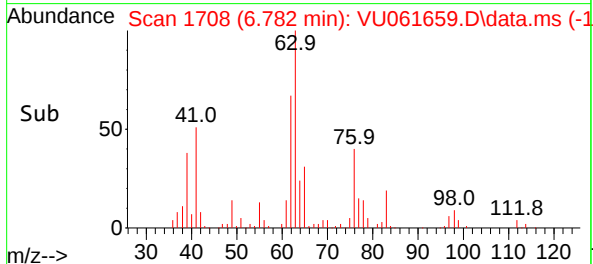
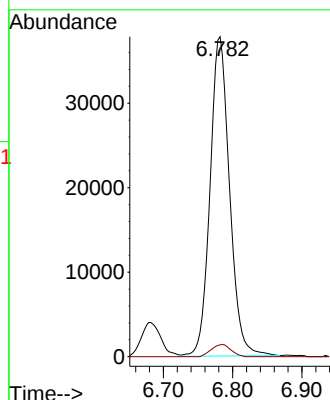
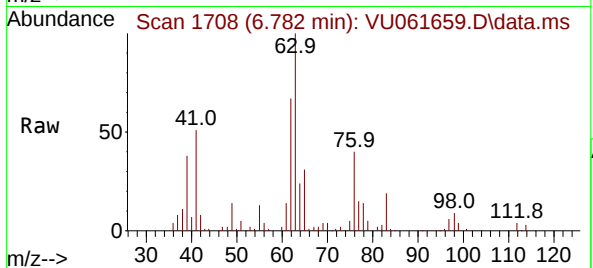




#37
1,2-Dichloropropane
Concen: 5.317 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VU061659.D
Acq: 14 Nov 2024 09:16

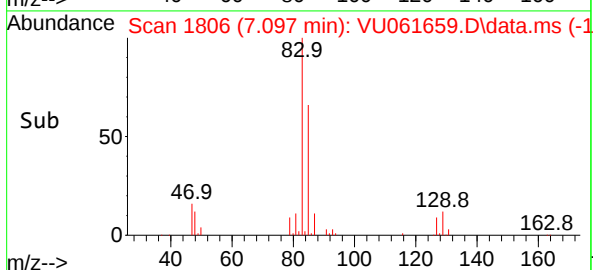
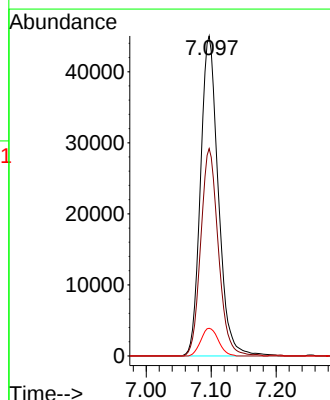
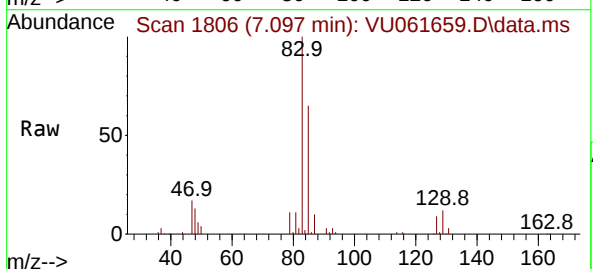
Instrument :
MSVOA_U
ClientSampleId :

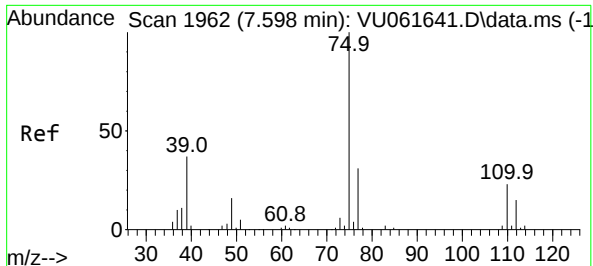
Tgt Ion: 63 Resp: 73913
Ion Ratio Lower Upper
63 100
112 3.8 3.0 4.4



#38
Bromodichloromethane
Concen: 5.149 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU061659.D
Acq: 14 Nov 2024 09:16

Tgt Ion: 83 Resp: 85876
Ion Ratio Lower Upper
83 100
85 64.8 45.0 83.6
127 8.7 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 5.244 ug/L

RT: 7.598 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VU061659.D

Acq: 14 Nov 2024 09:16

Instrument :

MSVOA_U

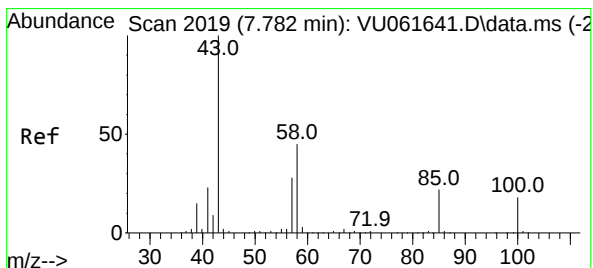
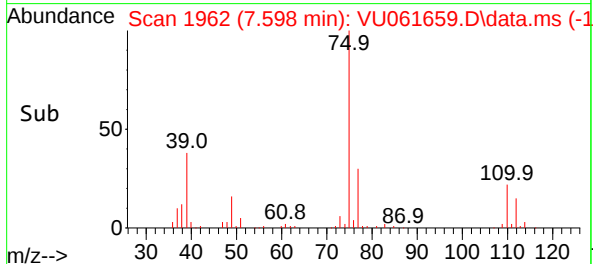
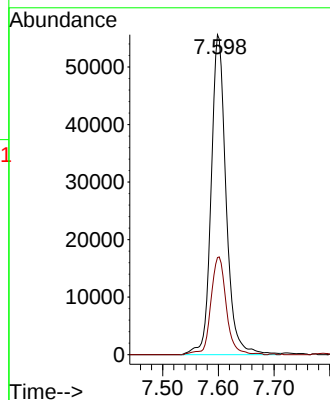
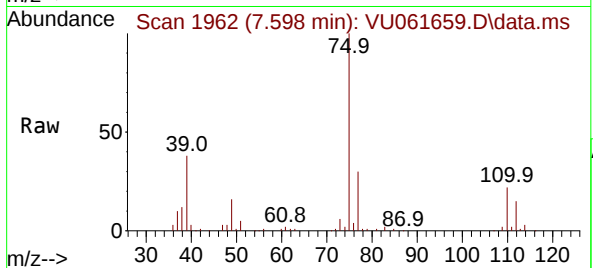
ClientSampleId :

Tgt Ion: 75 Resp: 103748

Ion Ratio Lower Upper

75 100

77 30.3 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 53.652 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VU061659.D

Acq: 14 Nov 2024 09:16

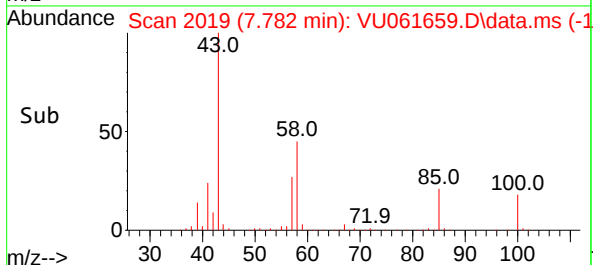
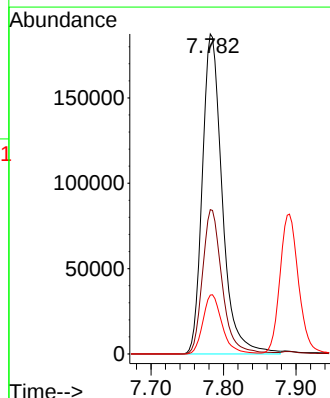
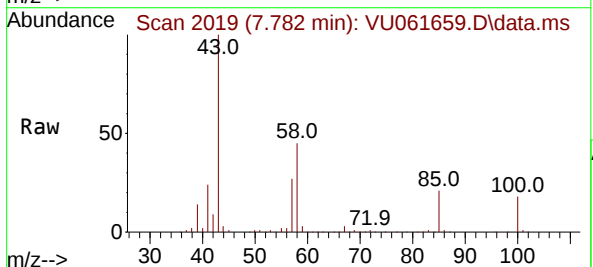
Tgt Ion: 43 Resp: 357610

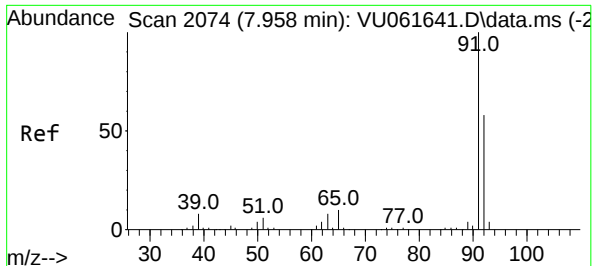
Ion Ratio Lower Upper

43 100

58 44.6 35.7 53.5

100 17.9 14.2 21.2





#42

Toluene

Concen: 5.388 ug/L

RT: 7.962 min Scan# 2074

Delta R.T. 0.003 min

Lab File: VU061659.D

Acq: 14 Nov 2024 09:16

Instrument :

MSVOA_U

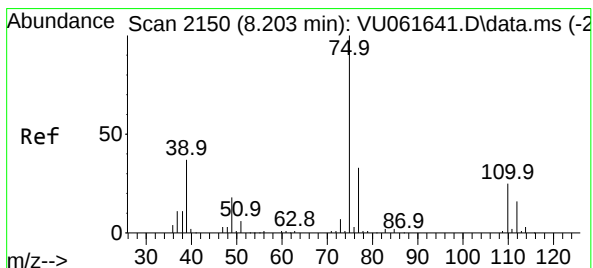
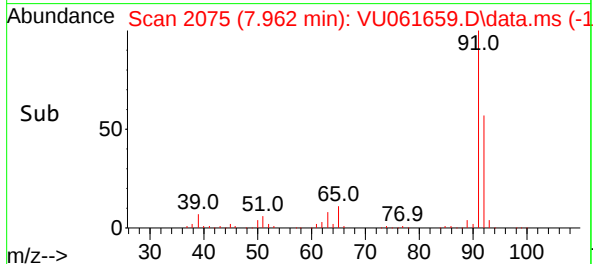
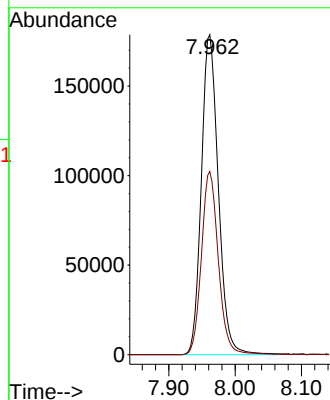
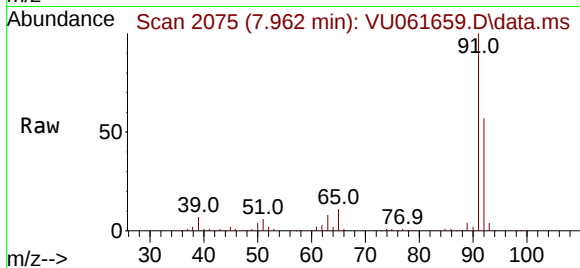
ClientSampleId :

Tgt Ion: 91 Resp: 317898

Ion Ratio Lower Upper

91 100

92 57.3 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 5.225 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU061659.D

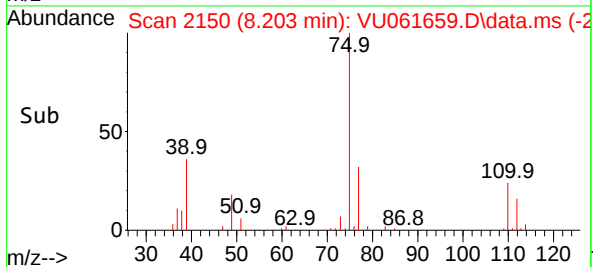
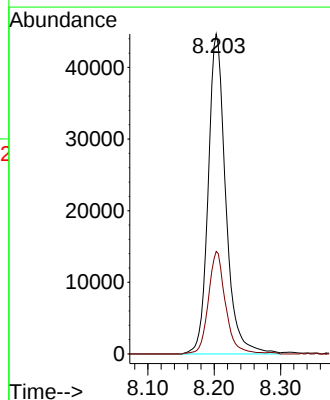
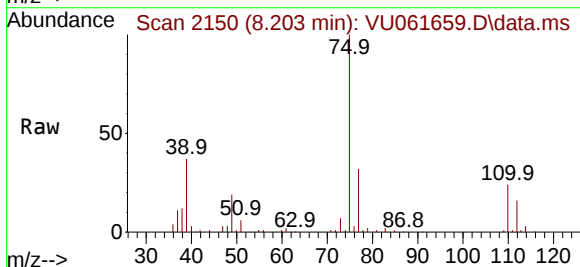
Acq: 14 Nov 2024 09:16

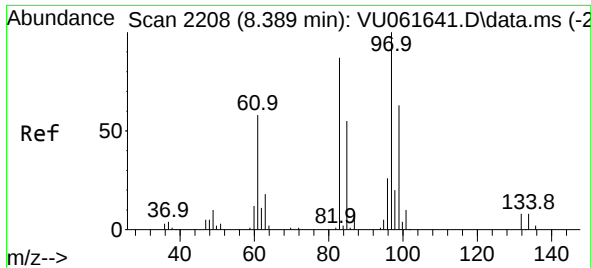
Tgt Ion: 75 Resp: 82001

Ion Ratio Lower Upper

75 100

77 32.1 21.7 40.3

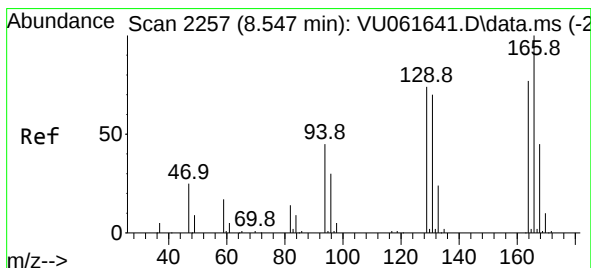
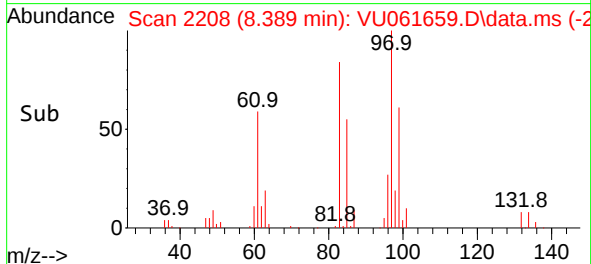
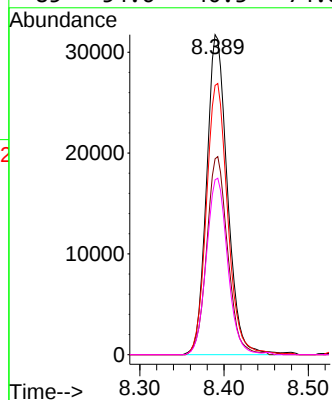
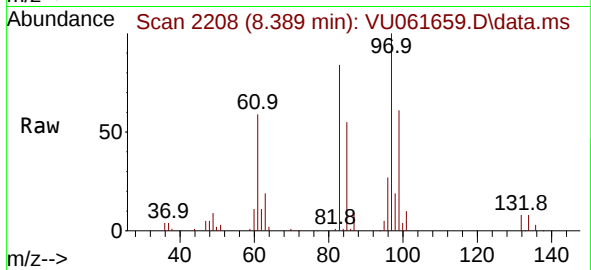




#45
1,1,2-Trichloroethane
Concen: 5.392 ug/L
RT: 8.389 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VU061659.D
Acq: 14 Nov 2024 09:16

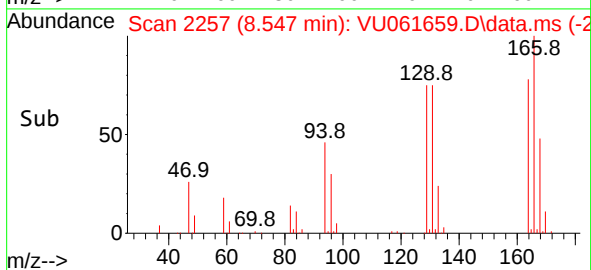
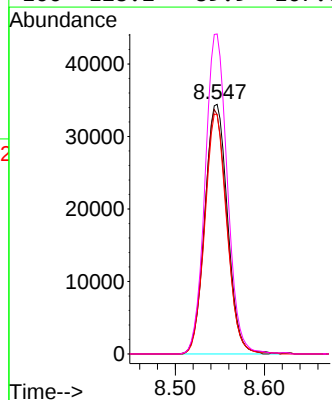
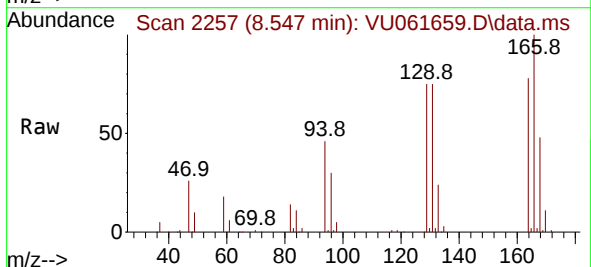
Instrument :
MSVOA_U
ClientSampleId :

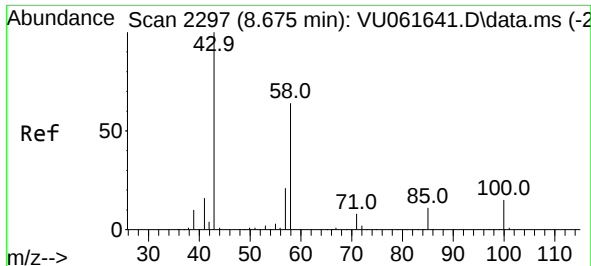
Tgt Ion: 97	Resp: 54644
Ion Ratio	Lower Upper
97 100	
99 61.2	43.8 81.3
83 84.1	63.2 117.4
85 54.6	40.3 74.8



#47
Tetrachloroethene
Concen: 5.482 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU061659.D
Acq: 14 Nov 2024 09:16

Tgt Ion: 164	Resp: 60946
Ion Ratio	Lower Upper
164 100	
129 96.0	71.7 133.3
131 95.8	68.2 126.6
166 128.2	89.9 167.0

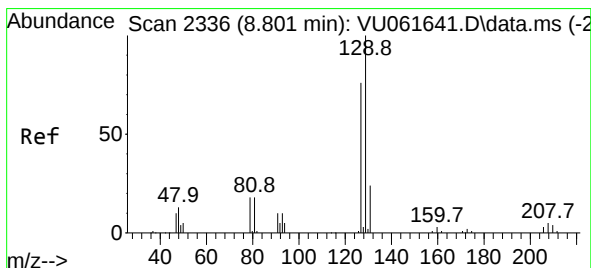
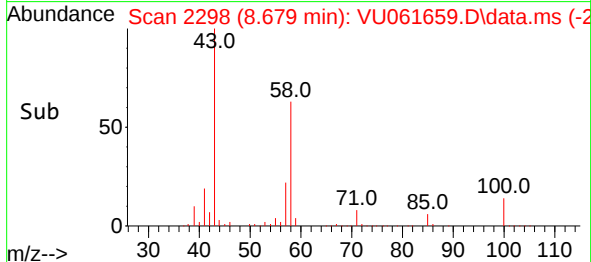
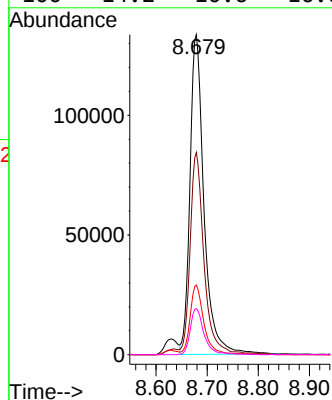
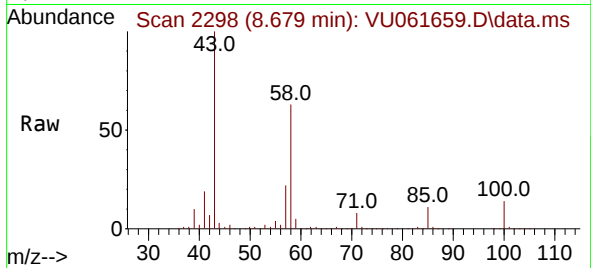




#48
2-Hexanone
Concen: 53.525 ug/L
RT: 8.679 min Scan# 2297
Delta R.T. 0.003 min
Lab File: VU061659.D
Acq: 14 Nov 2024 09:16

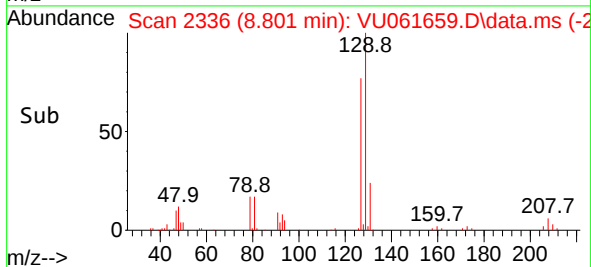
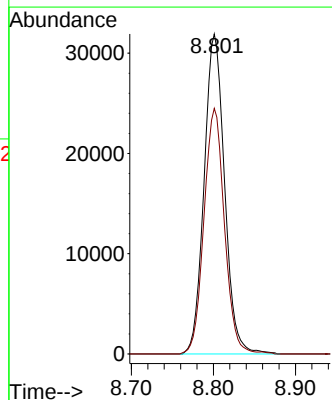
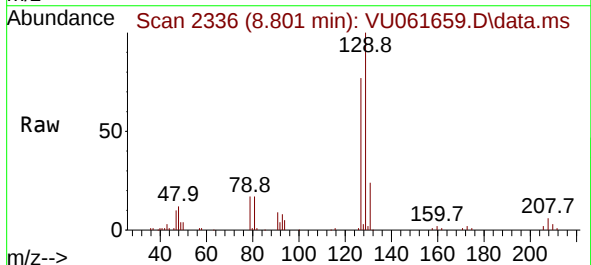
Instrument :
MSVOA_U
ClientSampleId :

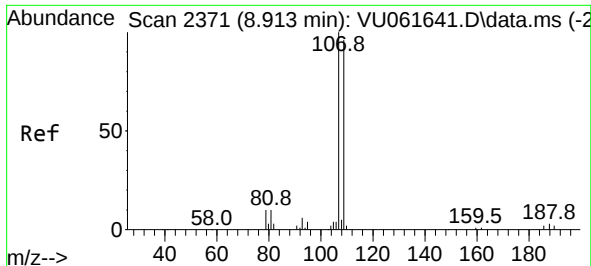
Tgt Ion: 43 Resp: 255088
Ion Ratio Lower Upper
43 100
58 61.2 49.4 74.2
57 20.7 16.3 24.5
100 14.2 10.6 16.0



#49
Dibromochloromethane
Concen: 5.214 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU061659.D
Acq: 14 Nov 2024 09:16

Tgt Ion: 129 Resp: 55404
Ion Ratio Lower Upper
129 100
127 76.8 55.1 102.3





#50

1,2-Dibromoethane

Concen: 5.385 ug/L

RT: 8.917 min Scan# 21

Delta R.T. 0.003 min

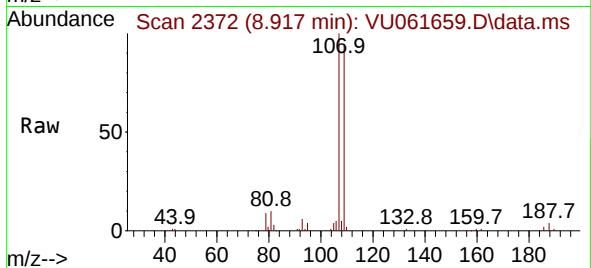
Lab File: VU061659.D

Acq: 14 Nov 2024 09:16

Instrument :

MSVOA_U

ClientSampleId :



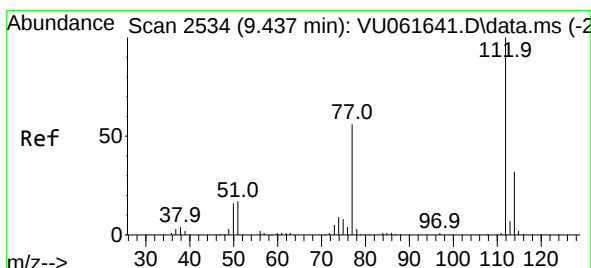
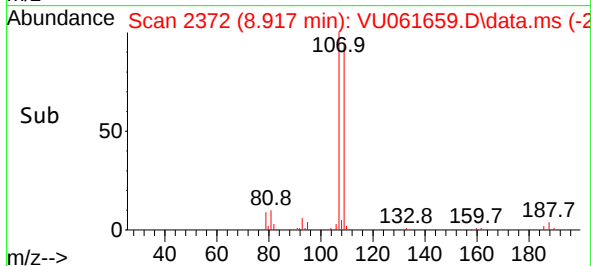
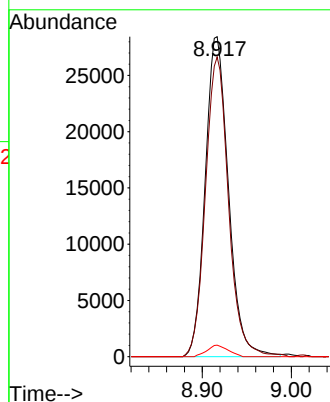
Tgt Ion:107 Resp: 51473

Ion Ratio Lower Upper

107 100

109 93.6 64.8 120.4

188 3.6 2.5 3.7



#51

Chlorobenzene

Concen: 5.304 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. 0.000 min

Lab File: VU061659.D

Acq: 14 Nov 2024 09:16

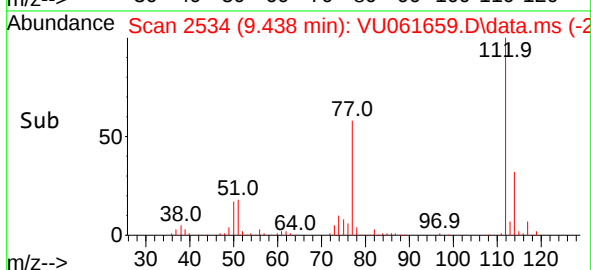
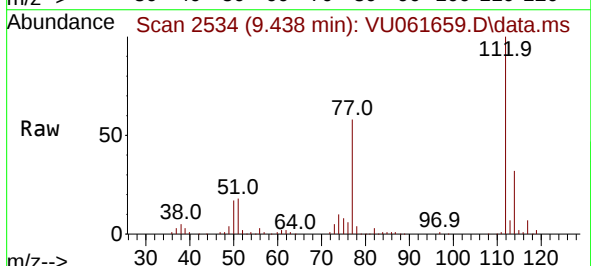
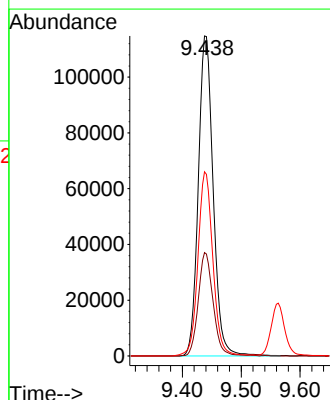
Tgt Ion:112 Resp: 201435

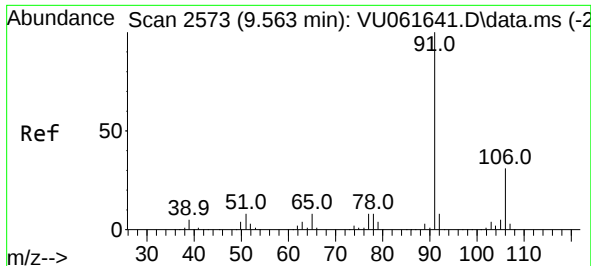
Ion Ratio Lower Upper

112 100

114 32.3 22.5 41.9

77 57.6 45.3 67.9

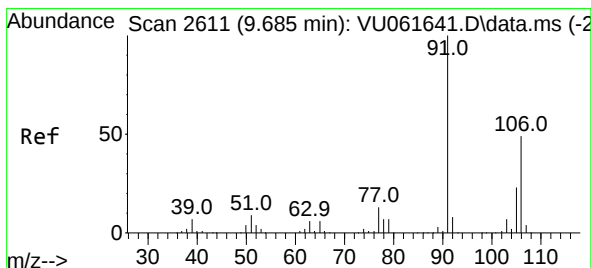
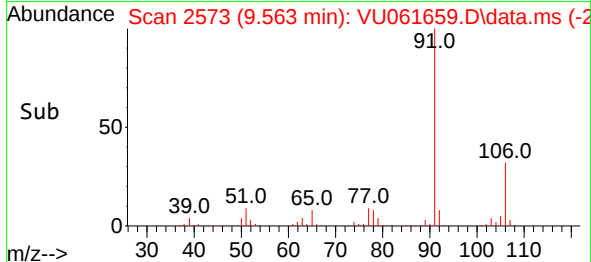
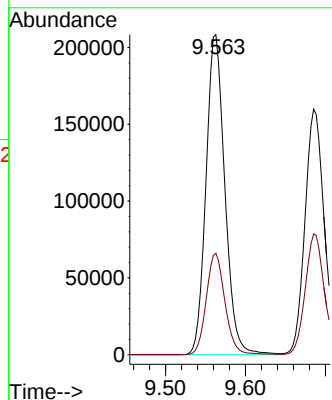
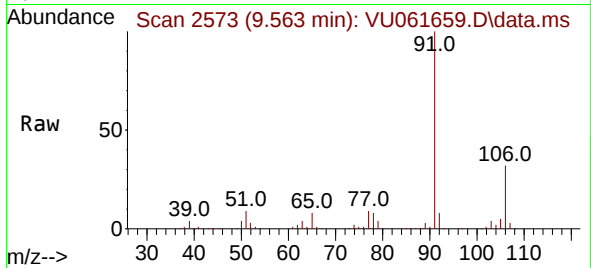




#52
Ethylbenzene
Concen: 5.443 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU061659.D
Acq: 14 Nov 2024 09:16

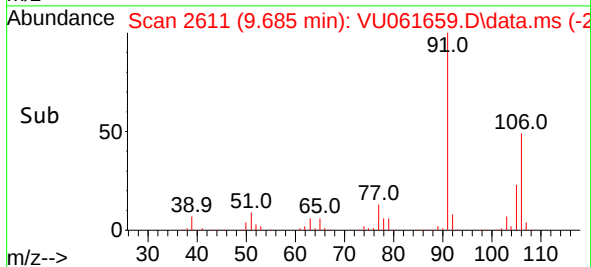
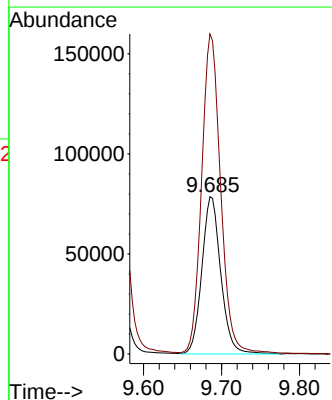
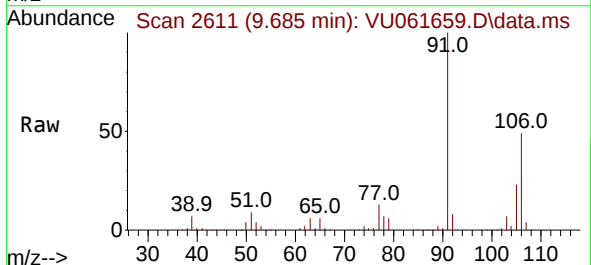
Instrument :
MSVOA_U
ClientSampleId :

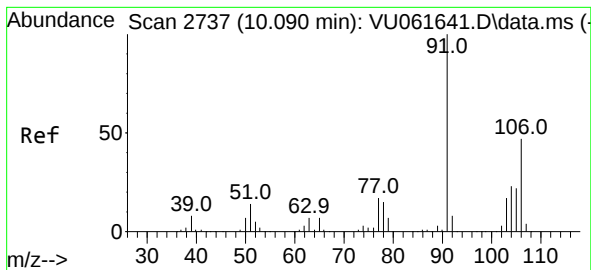
Tgt Ion: 91 Resp: 342053
Ion Ratio Lower Upper
91 100
106 31.7 21.7 40.3



#53
m,p-Xylene
Concen: 5.510 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU061659.D
Acq: 14 Nov 2024 09:16

Tgt Ion:106 Resp: 132484
Ion Ratio Lower Upper
106 100
91 203.4 140.4 260.8





#54

o-Xylene

Concen: 5.472 ug/L

RT: 10.090 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU061659.D

Acq: 14 Nov 2024 09:16

Instrument :

MSVOA_U

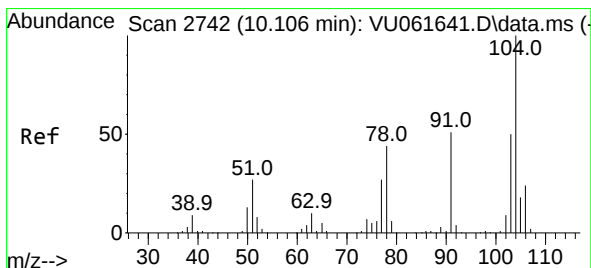
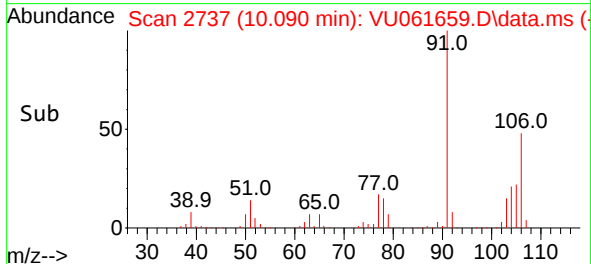
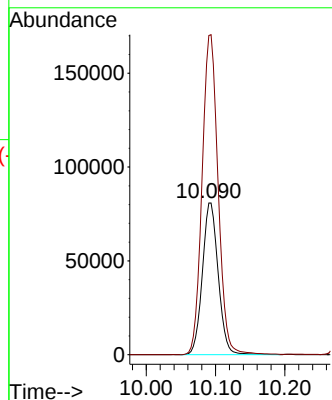
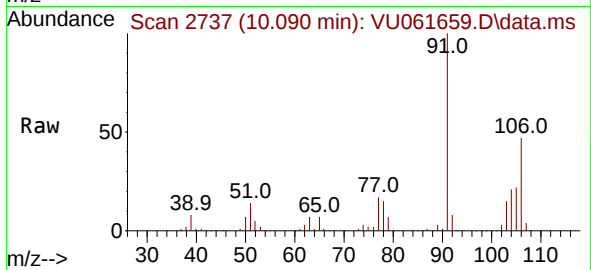
ClientSampleId :

Tgt Ion:106 Resp: 127902

Ion Ratio Lower Upper

106 100

91 210.6 151.3 280.9



#55

Styrene

Concen: 5.586 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. 0.000 min

Lab File: VU061659.D

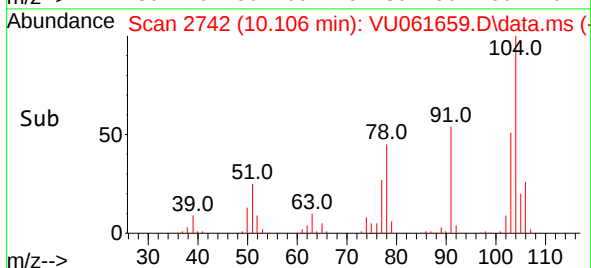
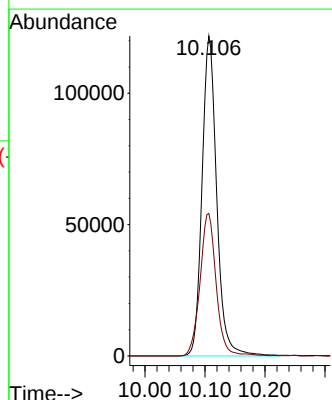
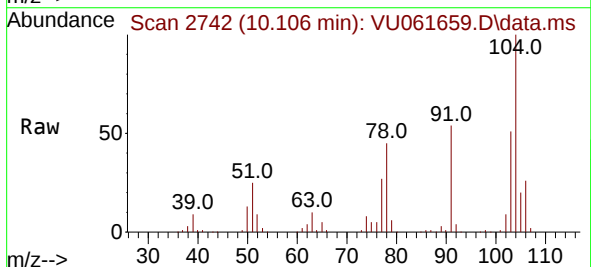
Acq: 14 Nov 2024 09:16

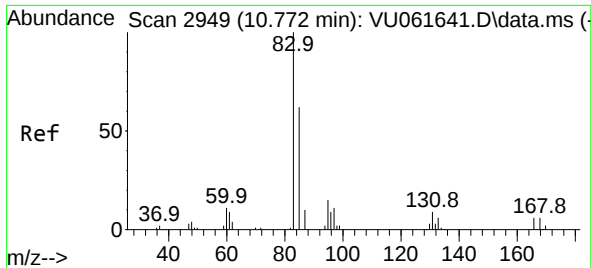
Tgt Ion:104 Resp: 207881

Ion Ratio Lower Upper

104 100

78 44.5 31.6 58.6

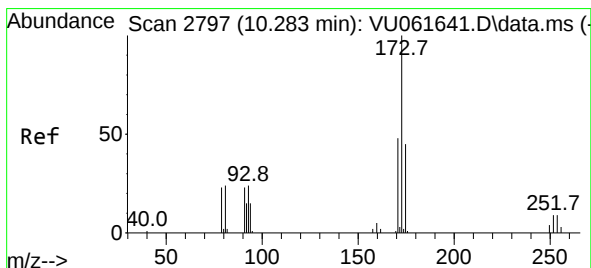
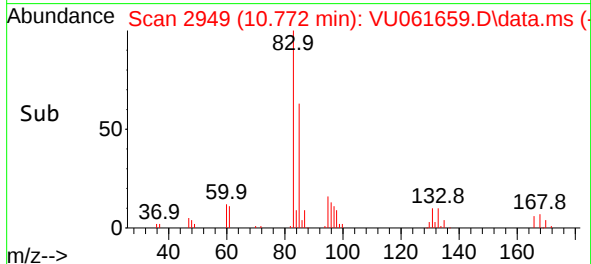
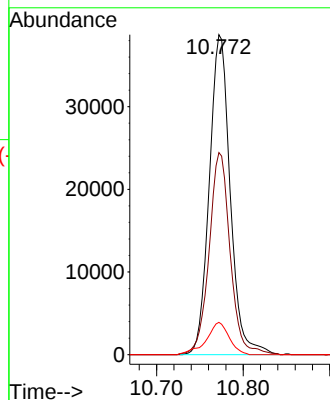
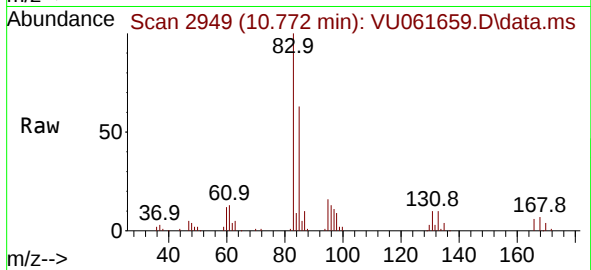




#57
1,1,2,2-Tetrachloroethane
Concen: 5.261 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU061659.D
Acq: 14 Nov 2024 09:16

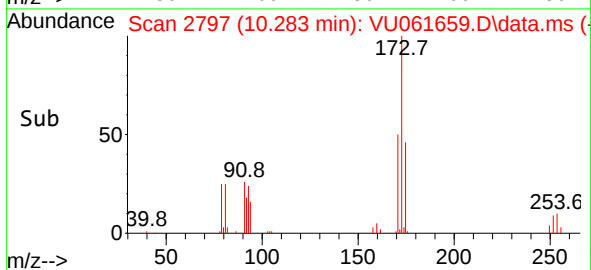
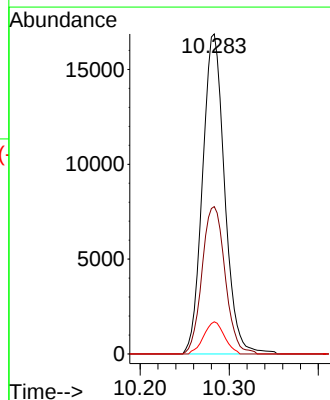
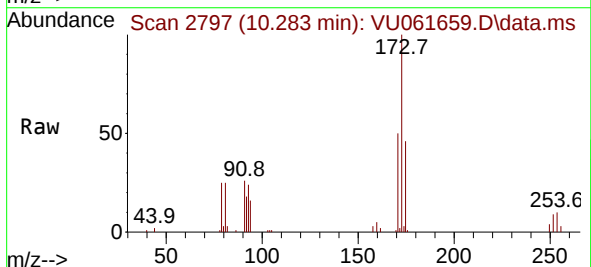
Instrument :
MSVOA_U
ClientSampleId :

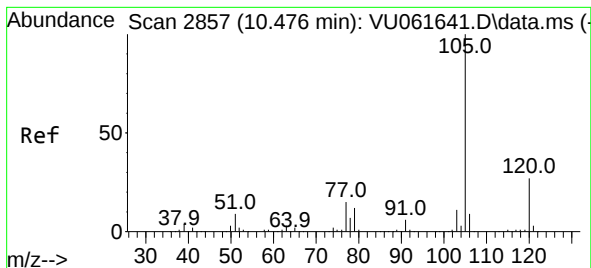
Tgt Ion: 83 Resp: 64885
Ion Ratio Lower Upper
83 100
85 63.1 41.9 77.9
131 10.1 7.8 11.6



#59
Bromoform
Concen: 4.862 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VU061659.D
Acq: 14 Nov 2024 09:16

Tgt Ion: 173 Resp: 28986
Ion Ratio Lower Upper
173 100
175 48.2 39.3 58.9
254 9.4 7.8 11.8





#60

Isopropylbenzene

Concen: 5.483 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU061659.D

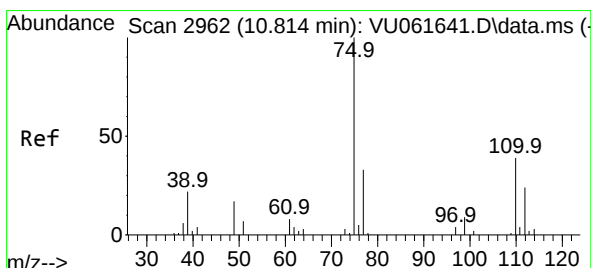
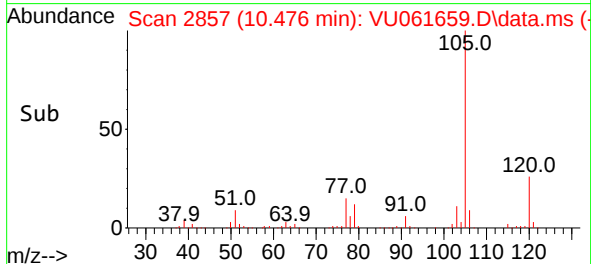
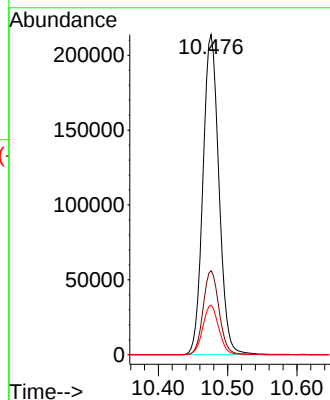
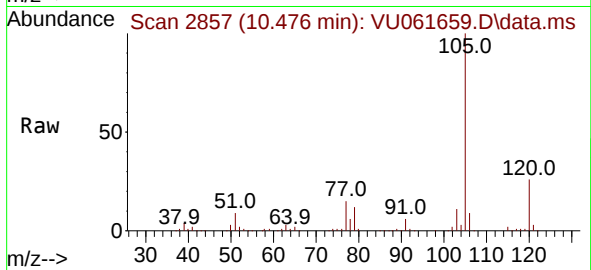
Acq: 14 Nov 2024 09:16

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	342505
Ion Ratio	Lower	Upper	
105	100		
120	26.1	21.6	32.4
77	15.5	12.8	19.2



#61

1,2,3-Trichloropropane

Concen: 5.225 ug/L

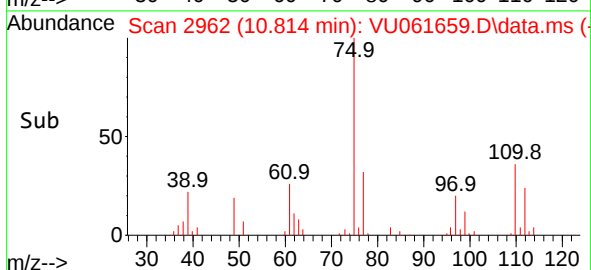
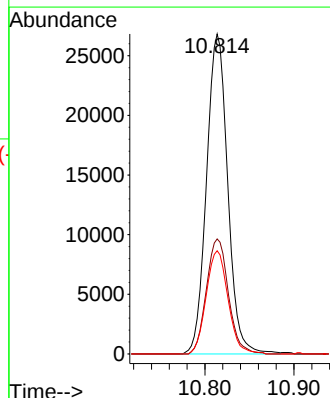
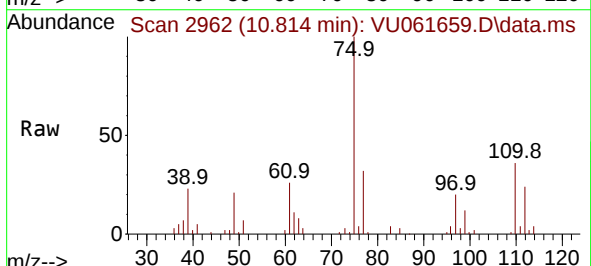
RT: 10.814 min Scan# 2962

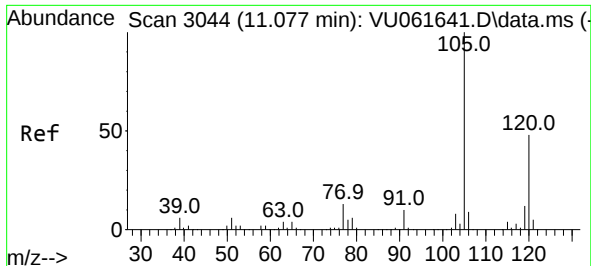
Delta R.T. 0.000 min

Lab File: VU061659.D

Acq: 14 Nov 2024 09:16

Tgt Ion:	75	Resp:	44332
Ion Ratio	Lower	Upper	
75	100		
110	37.3	31.3	46.9
77	33.3	26.0	39.0





#62

1,3,5-Trimethylbenzene

Concen: 5.368 ug/L

RT: 11.081 min Scan# 3044

Delta R.T. 0.003 min

Lab File: VU061659.D

Acq: 14 Nov 2024 09:16

Instrument :

MSVOA_U

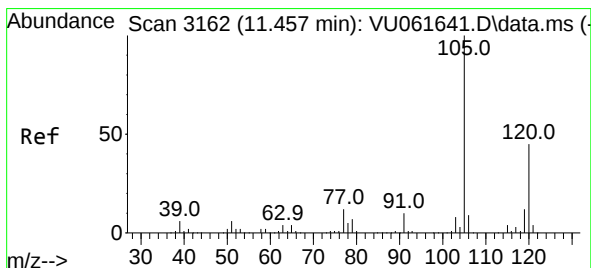
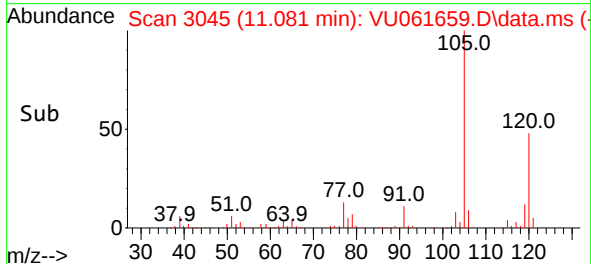
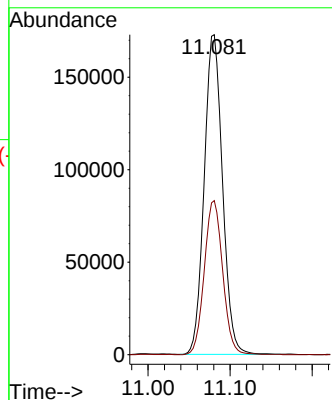
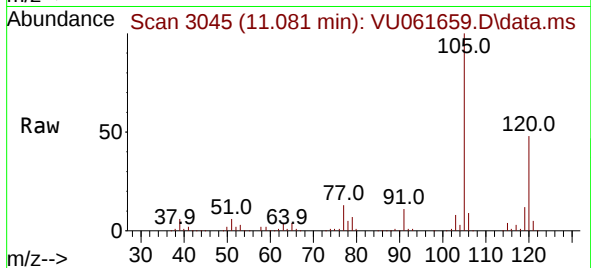
ClientSampleId :

Tgt Ion:105 Resp: 268470

Ion Ratio Lower Upper

105 100

120 48.4 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 5.486 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VU061659.D

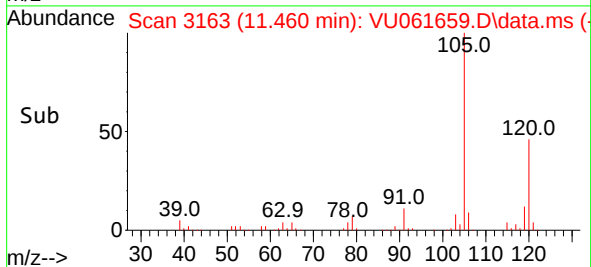
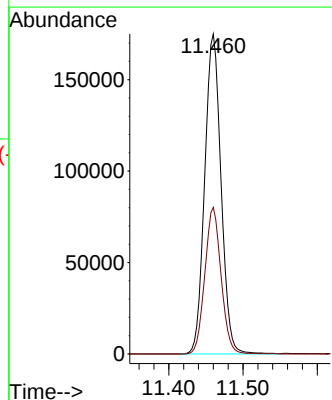
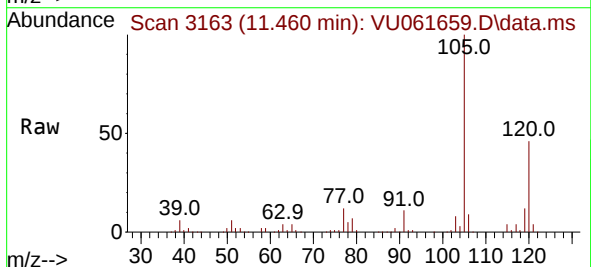
Acq: 14 Nov 2024 09:16

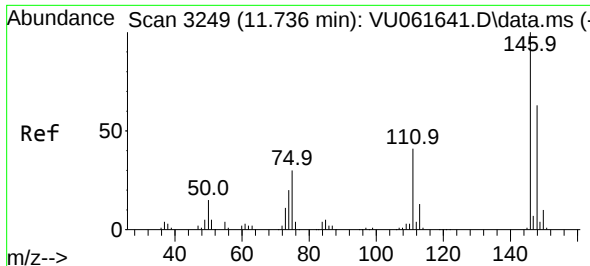
Tgt Ion:105 Resp: 267066

Ion Ratio Lower Upper

105 100

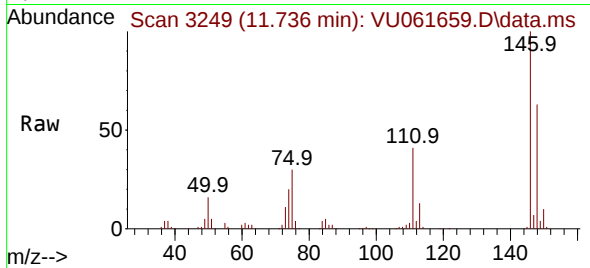
120 45.5 36.3 54.5



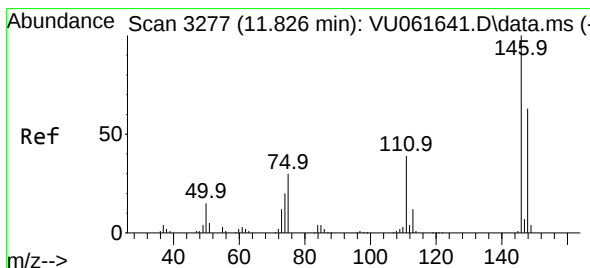
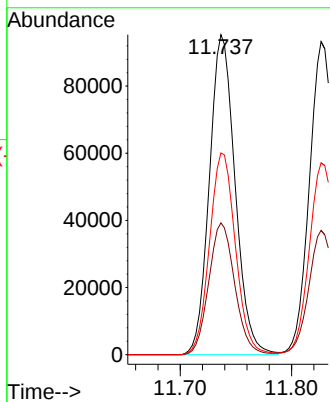
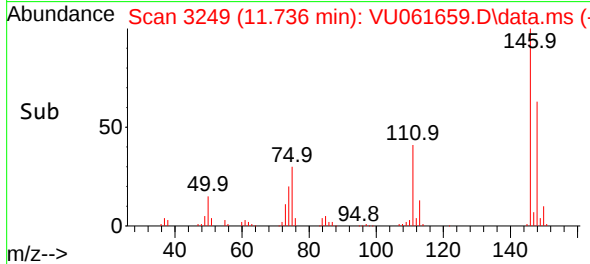


#64
1,3-Dichlorobenzene
Concen: 5.339 ug/L
RT: 11.736 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU061659.D
Acq: 14 Nov 2024 09:16

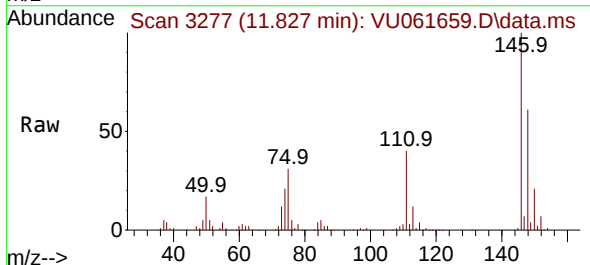
Instrument :
MSVOA_U
ClientSampleId :



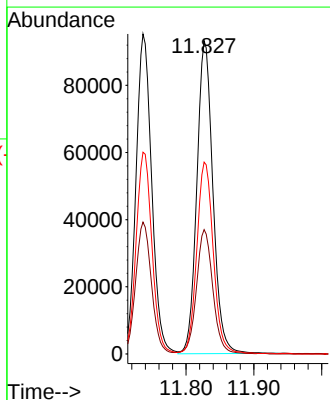
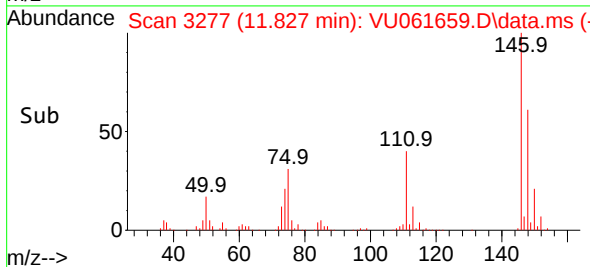
Tgt Ion:146 Resp: 152949
Ion Ratio Lower Upper
146 100
111 41.2 29.3 54.3
148 63.0 44.5 82.7

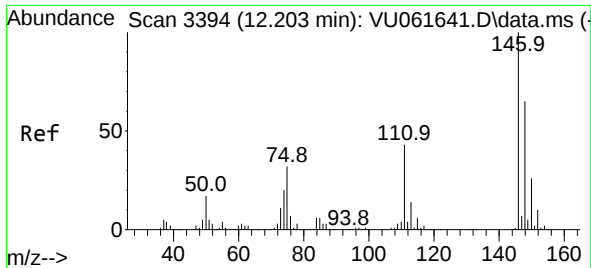


#65
1,4-Dichlorobenzene
Concen: 5.282 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VU061659.D
Acq: 14 Nov 2024 09:16



Tgt Ion:146 Resp: 153637
Ion Ratio Lower Upper
146 100
111 39.7 28.8 53.4
148 61.3 44.7 83.1

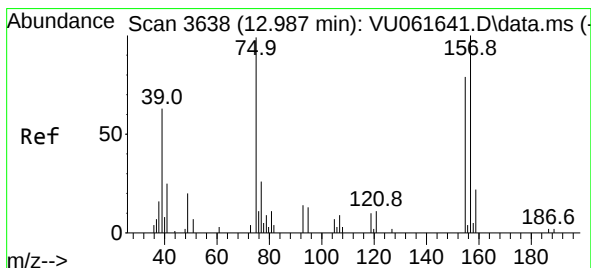
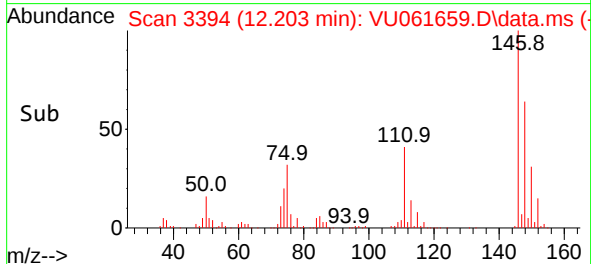
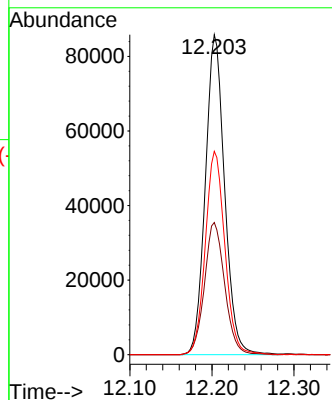
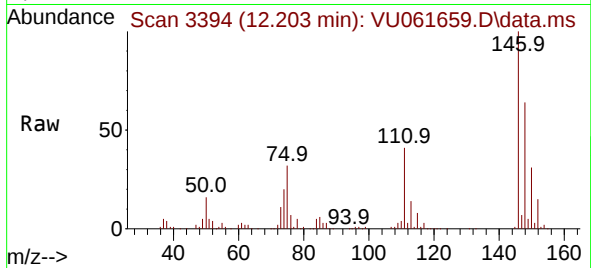




#67
1,2-Dichlorobenzene
Concen: 5.251 ug/L
RT: 12.203 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU061659.D
Acq: 14 Nov 2024 09:16

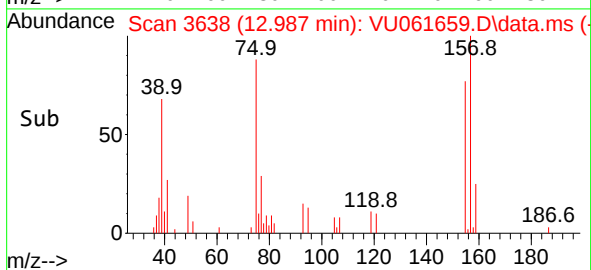
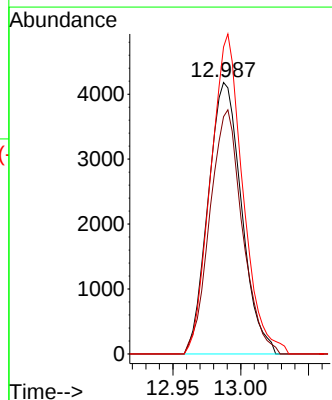
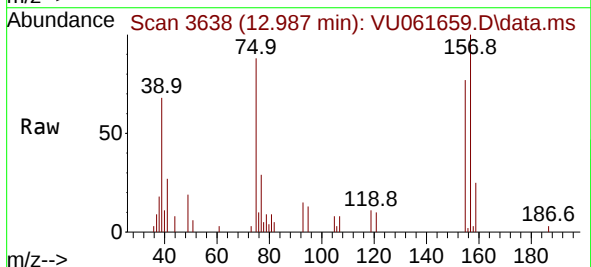
Instrument :
MSVOA_U
ClientSampleId :

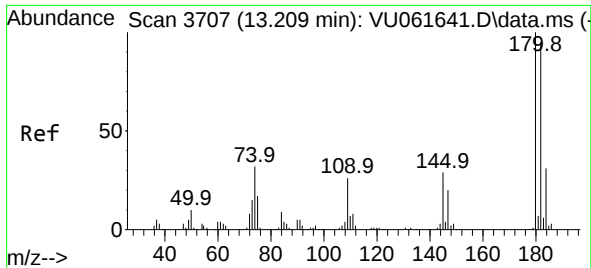
Tgt Ion:146 Resp: 139886
Ion Ratio Lower Upper
146 100
111 41.3 35.2 52.8
148 63.6 52.6 79.0



#68
1,2-Dibromo-3-chloropropane
Concen: 4.827 ug/L
RT: 12.987 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VU061659.D
Acq: 14 Nov 2024 09:16

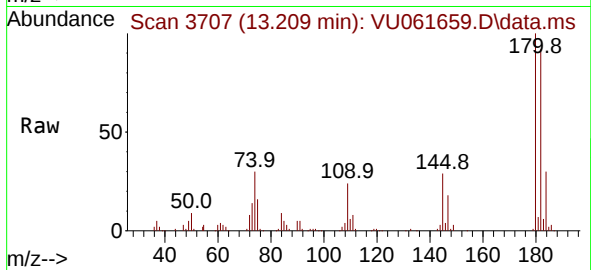
Tgt Ion: 75 Resp: 7152
Ion Ratio Lower Upper
75 100
155 87.4 62.6 93.8
157 113.1 84.9 127.3



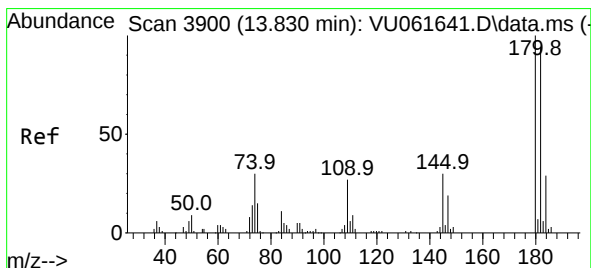
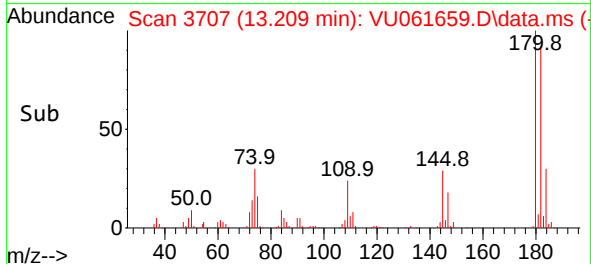
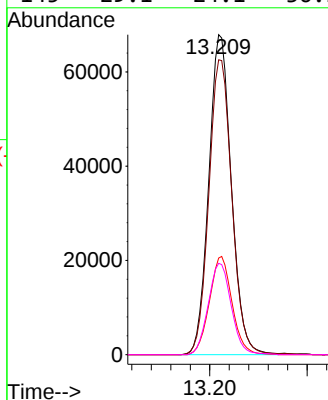


#69
 1,3,5-Trichlorobenzene
 Concen: 5.462 ug/L
 RT: 13.209 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU061659.D
 Acq: 14 Nov 2024 09:16

Instrument :
 MSVOA_U
 ClientSampleId :

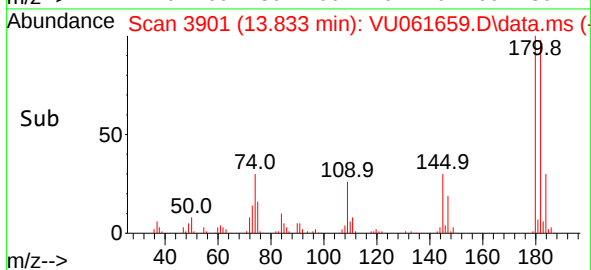
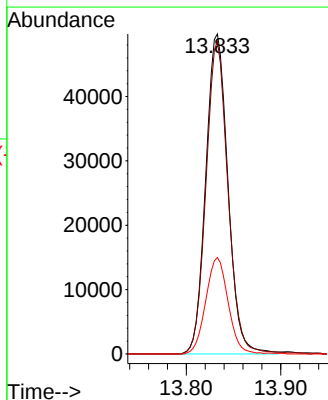
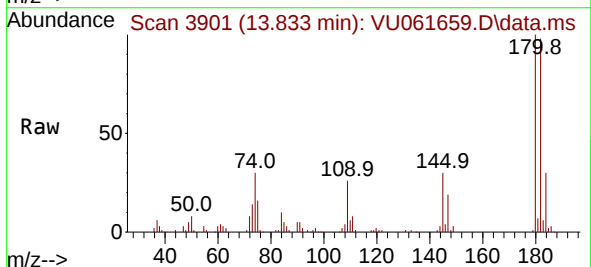


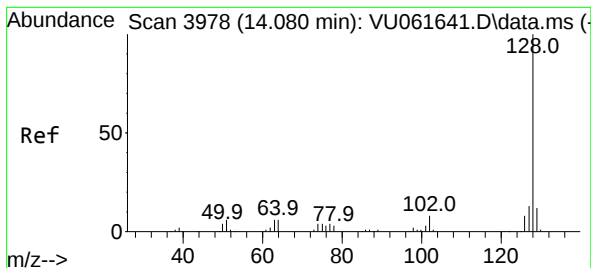
Tgt Ion:180 Resp: 109241
 Ion Ratio Lower Upper
 180 100
 182 94.3 77.1 115.7
 184 30.8 24.7 37.1
 145 29.1 24.1 36.1



#70
 1,2,4-trichlorobenzene
 Concen: 5.234 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. 0.003 min
 Lab File: VU061659.D
 Acq: 14 Nov 2024 09:16

Tgt Ion:180 Resp: 81130
 Ion Ratio Lower Upper
 180 100
 182 96.6 77.4 116.0
 145 30.3 24.5 36.7





#71

Naphthalene

Concen: 4.749 ug/L

RT: 14.080 min Scan# 3978

Delta R.T. 0.000 min

Lab File: VU061659.D

Acq: 14 Nov 2024 09:16

Instrument :

MSVOA_U

ClientSampleId :

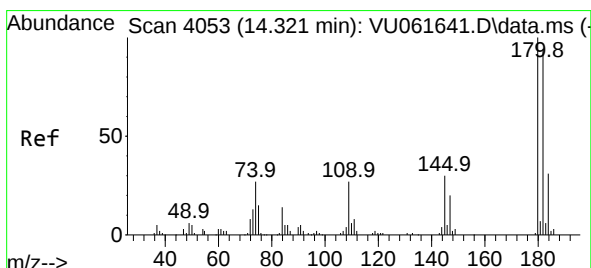
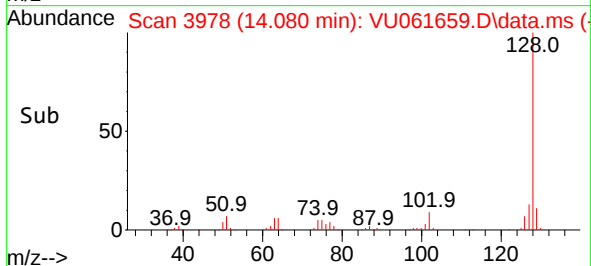
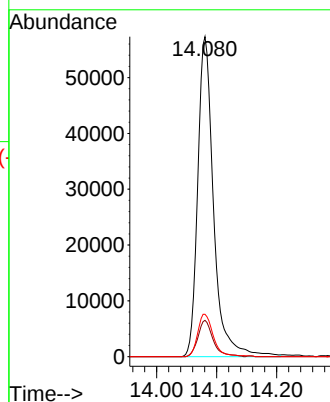
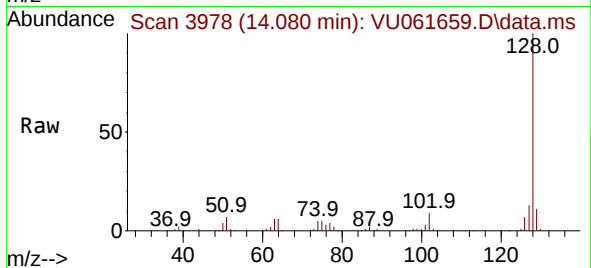
Tgt Ion:128 Resp: 105679

Ion Ratio Lower Upper

128 100

129 10.9 8.5 12.7

127 13.0 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 5.178 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. 0.000 min

Lab File: VU061659.D

Acq: 14 Nov 2024 09:16

Tgt Ion:180 Resp: 67379

Ion Ratio Lower Upper

180 100

182 93.8 76.6 114.8

145 32.0 26.3 39.5

