

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103124\
 Data File : VU061305.D
 Acq On : 31 Oct 2024 11:37
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 31 23:53:34 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	183800	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	169852	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	83259	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	59651	4.778	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.600%
7) Chloroethane-d5	1.911	69	56717	4.955	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.200%
11) 1,1-Dichloroethene-d2	2.560	65	26927	5.041	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.800%
20) 2-Butanone-d5	4.625	46	132608	52.312	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.620%
24) Chloroform-d	5.052	84	123066	5.193	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
26) 1,2-Dichloroethane-d4	5.692	65	60910	5.156	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	5.718	84	247783	5.177	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
36) 1,2-Dichloropropane-d6	6.682	67	73140	5.083	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.600%
41) Toluene-d8	7.891	98	236404	5.283	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
43) trans-1,3-Dichloroprop...	8.174	79	30383	5.173	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.400%
46) 2-Hexanone-d5	8.628	63	120413	50.055	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.120%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	57462	5.281	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	76354	5.179	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.384	85	61852	5.048	ug/L	100
3) Chloromethane	1.519	50	55303	4.280	ug/L	99
5) Vinyl chloride	1.602	62	65156	4.586	ug/L	99
6) Bromomethane	1.856	94	45681	4.852	ug/L	97
8) Chloroethane	1.930	64	49536	4.736	ug/L	99
9) Trichlorofluoromethane	2.133	101	95156	4.931	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	58741	5.127	ug/L	98
12) 1,1-Dichloroethene	2.576	96	53576	4.930	ug/L	92
13) Acetone	2.641	43	81025	50.465	ug/L	98
14) Carbon disulfide	2.789	76	168103	4.637	ug/L	98
15) Methyl Acetate	2.953	43	20143	5.066	ug/L	96
16) Methylene chloride	3.039	84	64870	5.066	ug/L	100
17) Methyl tert-butyl Ether	3.355	73	150243	5.101	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	60901	5.068	ug/L	95
19) 1,1-Dichloroethane	3.859	63	112418	4.960	ug/L	98
21) 2-Butanone	4.705	43	132513	52.061	ug/L	100
22) cis-1,2-Dichloroethene	4.657	96	68097	4.961	ug/L	96
23) Bromochloromethane	4.969	128	29766	5.154	ug/L	98
25) Chloroform	5.078	83	119355	5.009	ug/L	98

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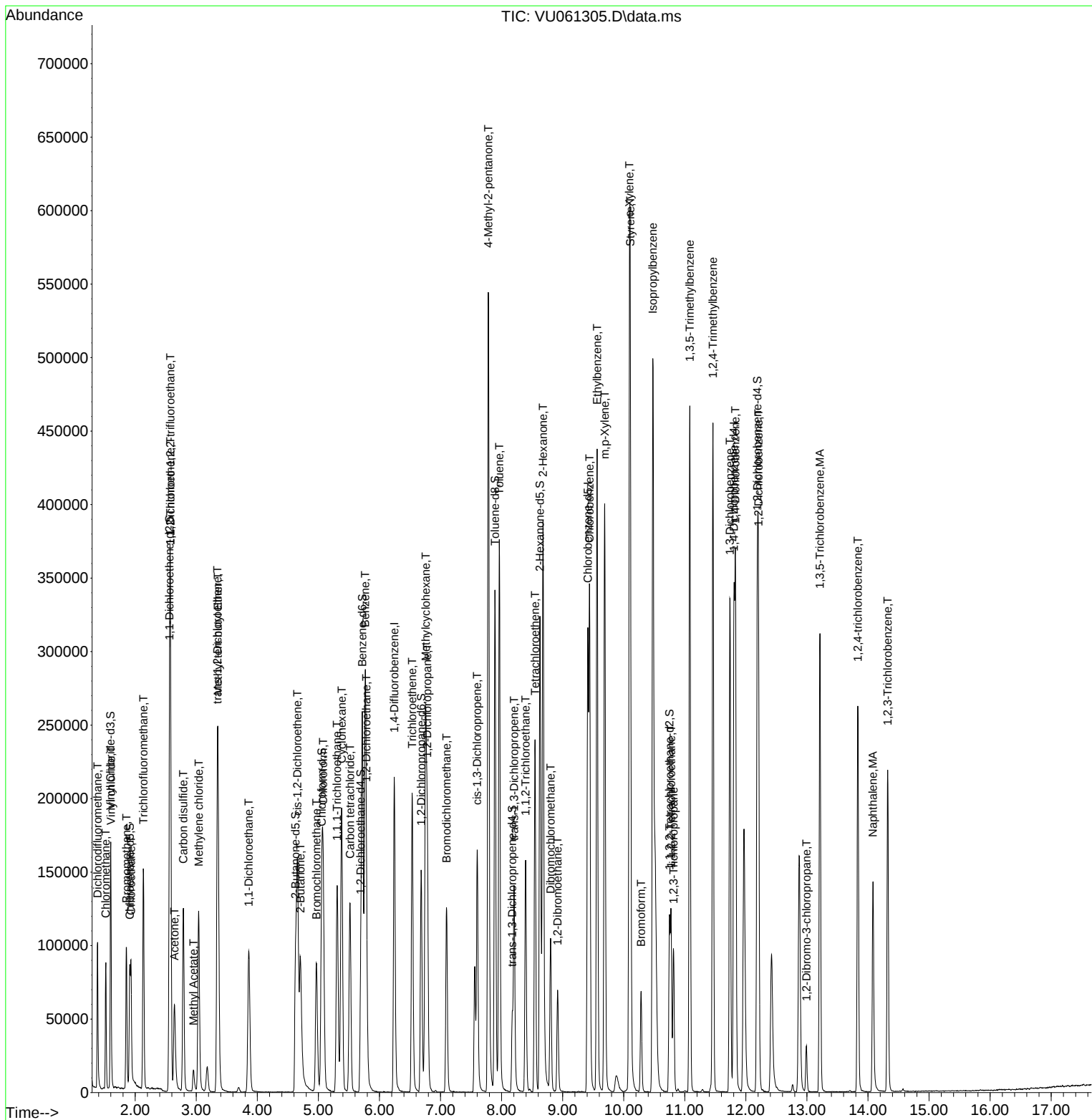
Instrument :
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 ClientSampleId :

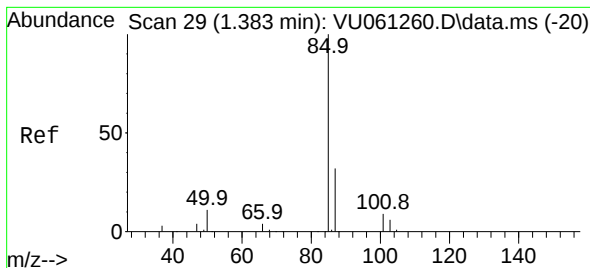
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	75098	4.987	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	104328	5.016	ug/L	99
30) Cyclohexane	5.380	56	98345	4.714	ug/L	96
31) Carbon tetrachloride	5.519	117	88415	4.968	ug/L	99
33) Benzene	5.766	78	260574	4.960	ug/L	100
34) Trichloroethene	6.535	95	70792	4.954	ug/L	99
35) Methylcyclohexane	6.756	83	109403	4.810	ug/L	99
37) 1,2-Dichloropropane	6.782	63	67855	5.096	ug/L	99
38) Bromodichloromethane	7.097	83	84780	5.031	ug/L	98
39) cis-1,3-Dichloropropene	7.599	75	102836	5.001	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	339046	51.163	ug/L	99
42) Toluene	7.962	91	285830	5.011	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	83356	4.975	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	49844	5.202	ug/L	97
47) Tetrachloroethene	8.547	164	52052	5.216	ug/L	98
48) 2-Hexanone	8.676	43	247098	52.730	ug/L	97
49) Dibromochloromethane	8.801	129	54819	5.044	ug/L	97
50) 1,2-Dibromoethane	8.917	107	46721	5.019	ug/L	97
51) Chlorobenzene	9.441	112	184482	5.116	ug/L	96
52) Ethylbenzene	9.563	91	313605	4.998	ug/L	100
53) m,p-Xylene	9.689	106	120911	5.058	ug/L	95
54) o-Xylene	10.094	106	116334	4.931	ug/L	97
55) Styrene	10.107	104	192655	5.094	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.776	83	59295	5.136	ug/L	99
59) Bromoform	10.284	173	30294	4.915	ug/L	99
60) Isopropylbenzene	10.477	105	315919	4.967	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	40876	4.928	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	253448	4.895	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	250538	4.895	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	135979	5.080	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	136141	4.989	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	126454	5.019	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	8313	4.774	ug/L	93
69) 1,3,5-Trichlorobenzene	13.213	180	96879	5.280	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	79764	5.386	ug/L	98
71) Naphthalene	14.081	128	124982	5.349	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	66162	5.341	ug/L	99

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

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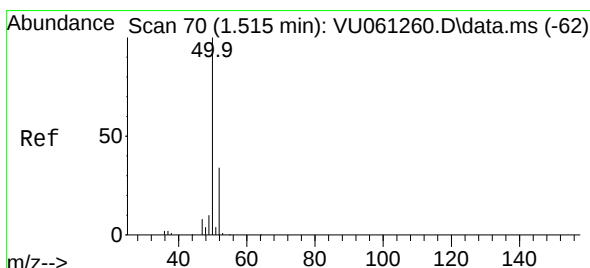
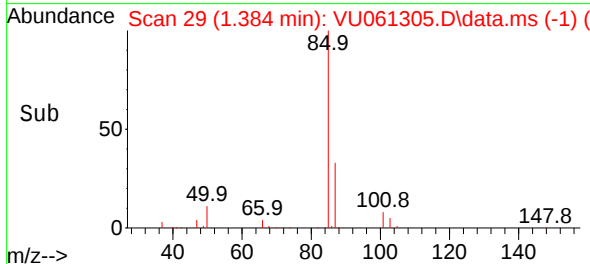
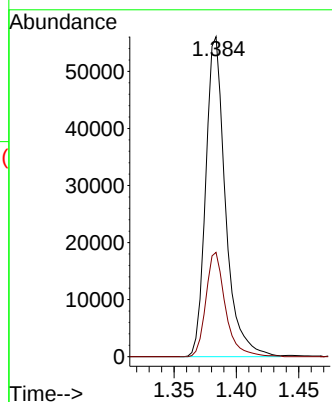
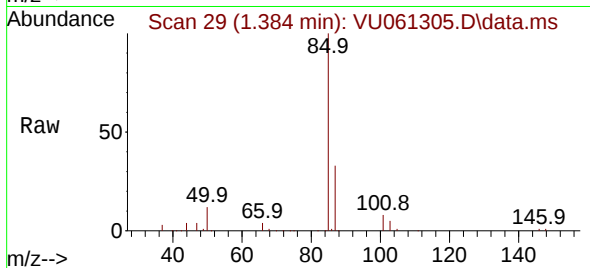




#2
Dichlorodifluoromethane
Concen: 5.048 ug/L
RT: 1.384 min Scan# 20
Delta R.T. 0.000 min
Lab File: VU061305.D
Acq: 31 Oct 2024 11:37

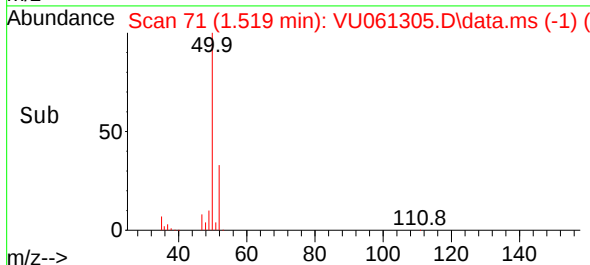
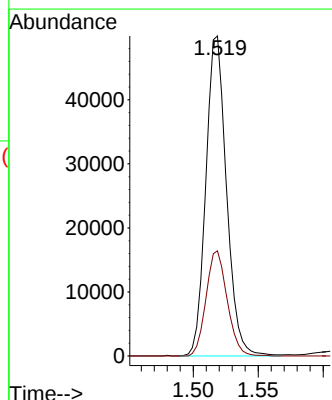
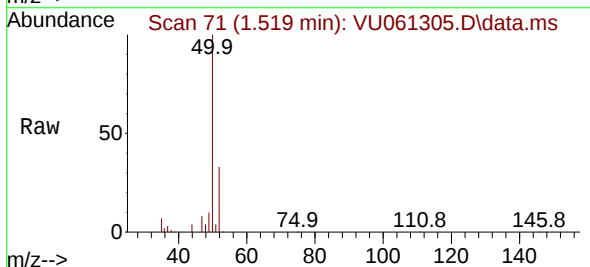
Instrument :
MSVOA_U
ClientSampleId :

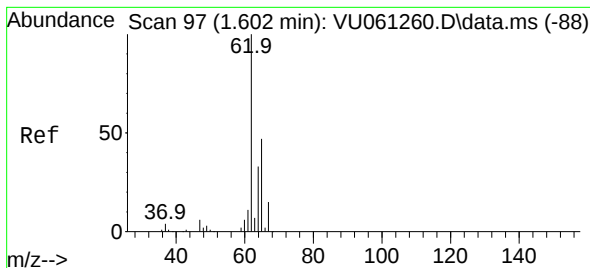
Tgt Ion: 85 Resp: 61852
Ion Ratio Lower Upper
85 100
87 32.3 25.7 38.5



#3
Chloromethane
Concen: 4.280 ug/L
RT: 1.519 min Scan# 71
Delta R.T. 0.004 min
Lab File: VU061305.D
Acq: 31 Oct 2024 11:37

Tgt Ion: 50 Resp: 55303
Ion Ratio Lower Upper
50 100
52 32.9 23.4 43.4





#5

Vinyl chloride

Concen: 4.586 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU061305.D

Acq: 31 Oct 2024 11:37

Instrument :

MSVOA_U

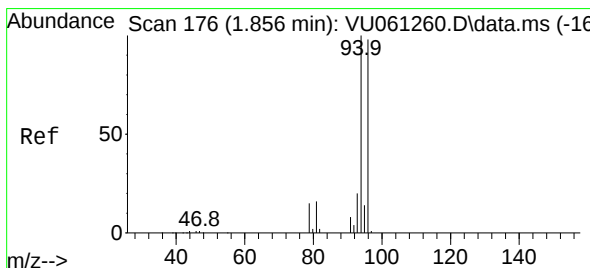
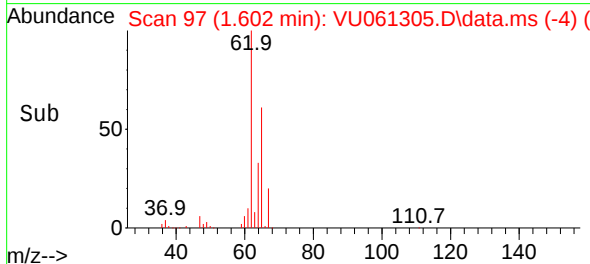
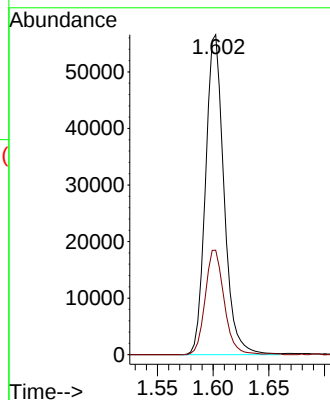
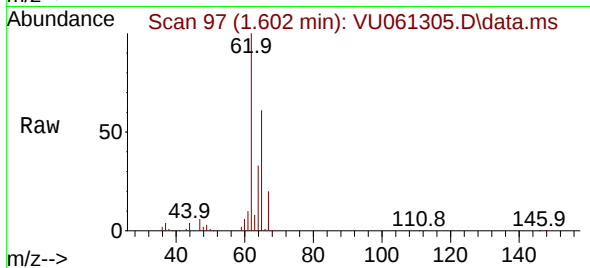
ClientSampleId :

Tgt Ion: 62 Resp: 65156

Ion Ratio Lower Upper

62 100

64 32.7 22.6 42.0



#6

Bromomethane

Concen: 4.852 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.000 min

Lab File: VU061305.D

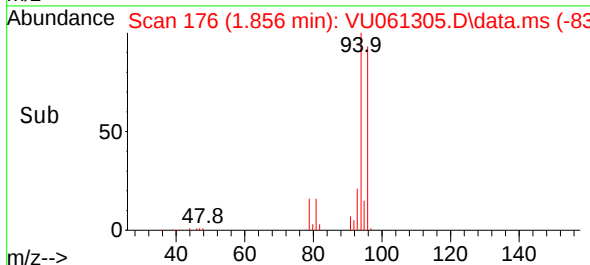
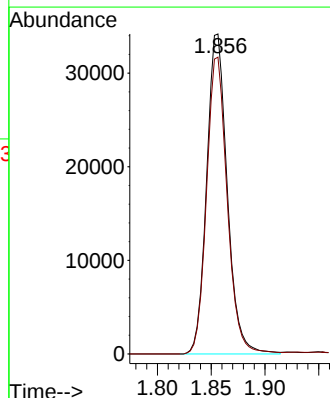
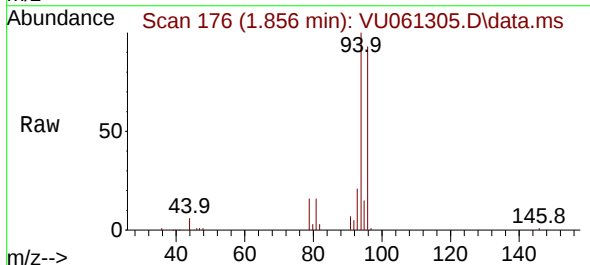
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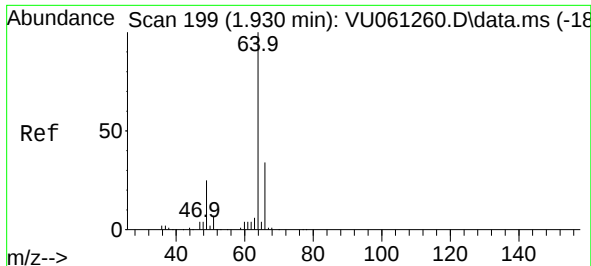
Tgt Ion: 94 Resp: 45681

Ion Ratio Lower Upper

94 100

96 92.8 66.9 124.3

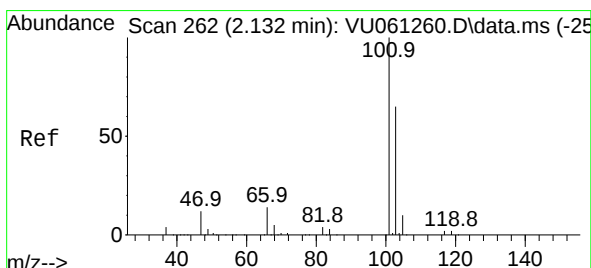
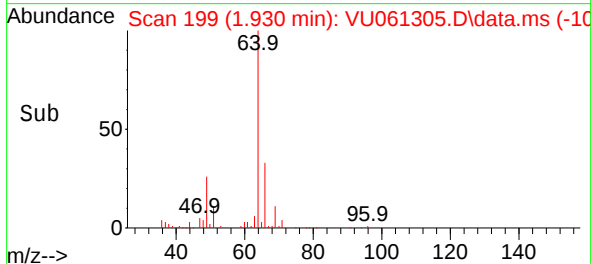
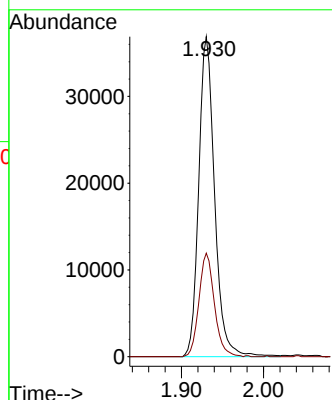
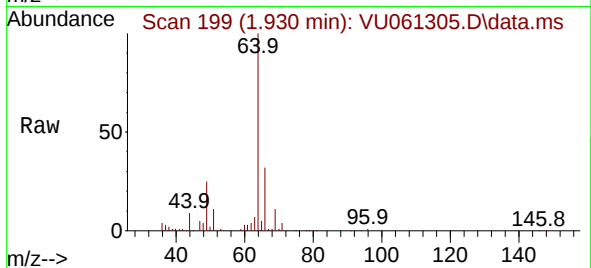




#8
Chloroethane
Concen: 4.736 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU061305.D
Acq: 31 Oct 2024 11:37

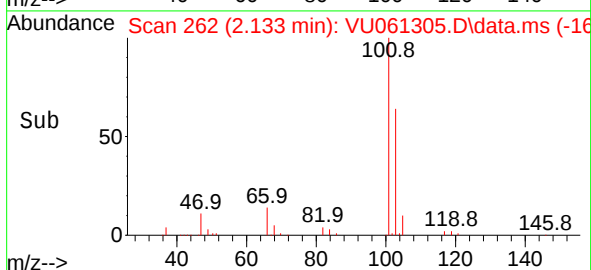
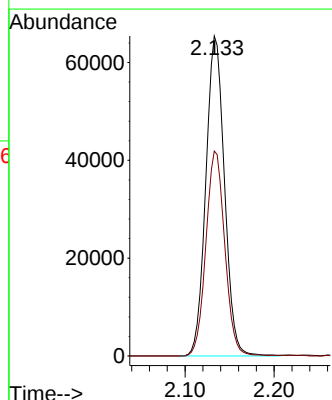
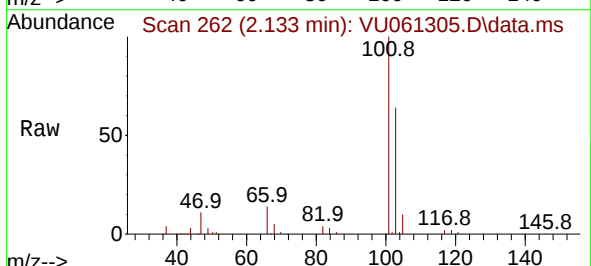
Instrument :
MSVOA_U
ClientSampleId :

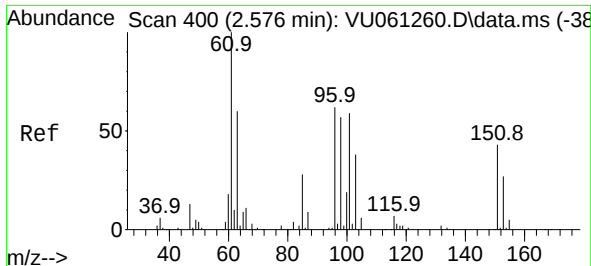
Tgt Ion: 64 Resp: 49536
Ion Ratio Lower Upper
64 100
66 32.4 23.1 42.9



#9
Trichlorofluoromethane
Concen: 4.931 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU061305.D
Acq: 31 Oct 2024 11:37

Tgt Ion:101 Resp: 95156
Ion Ratio Lower Upper
101 100
103 64.7 50.6 75.8

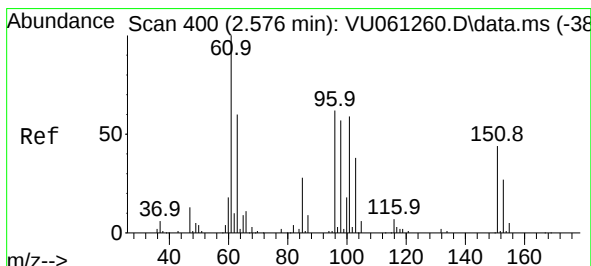
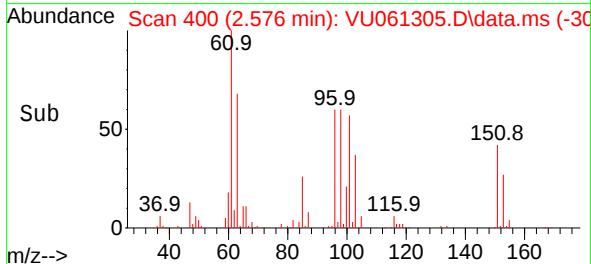
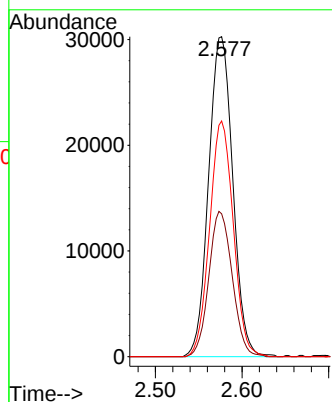
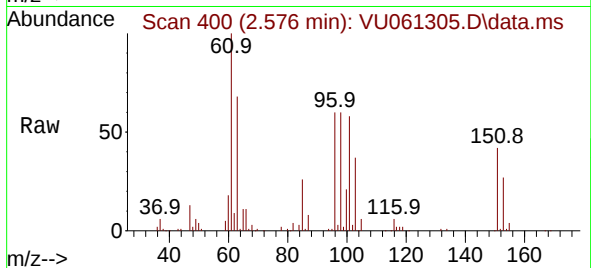




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.127 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU061305.D
Acq: 31 Oct 2024 11:37

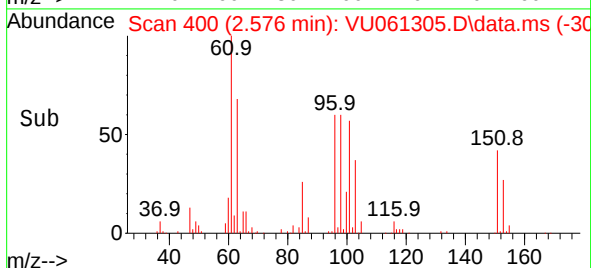
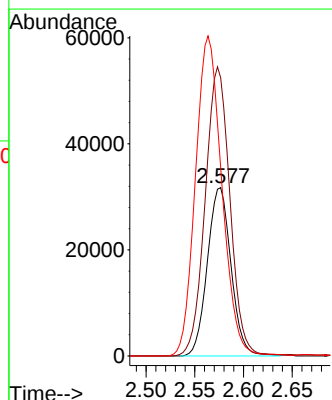
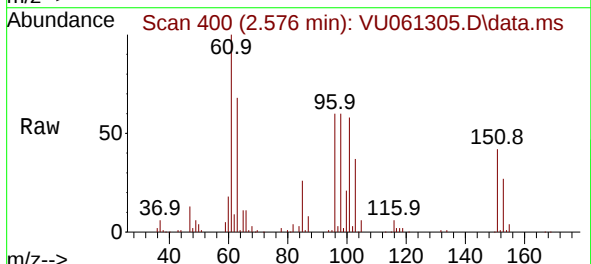
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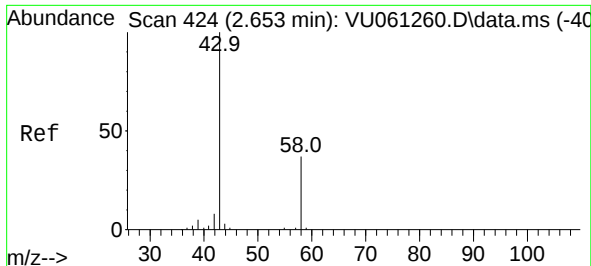
Tgt Ion:101 Resp: 58741
Ion Ratio Lower Upper
101 100
85 43.9 35.6 53.4
151 72.2 55.9 83.9



#12
1,1-Dichloroethene
Concen: 4.930 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU061305.D
Acq: 31 Oct 2024 11:37

Tgt Ion: 96 Resp: 53576
Ion Ratio Lower Upper
96 100
61 165.3 119.1 221.1
63 112.0 89.4 166.0





#13

Acetone

Concen: 50.465 ug/L

RT: 2.641 min Scan# 41

Delta R.T. -0.013 min

Lab File: VU061305.D

Acq: 31 Oct 2024 11:37

Instrument :

MSVOA_U

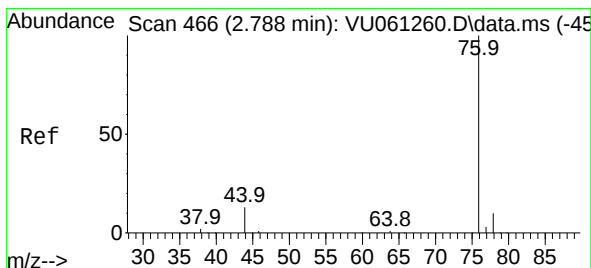
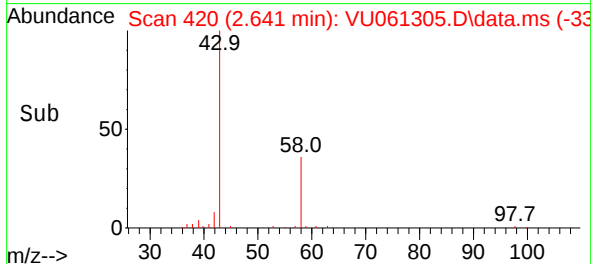
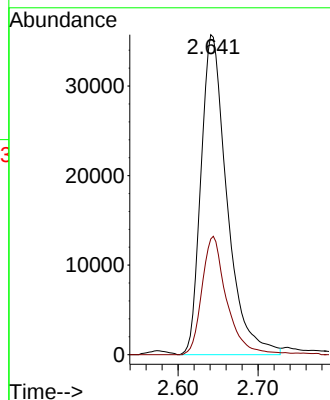
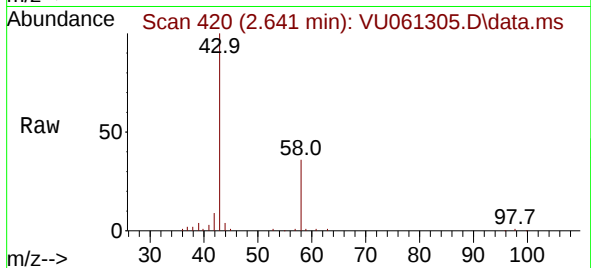
ClientSampleId :

Tgt Ion: 43 Resp: 81025

Ion Ratio Lower Upper

43 100

58 35.2 0.0 73.2



#14

Carbon disulfide

Concen: 4.637 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU061305.D

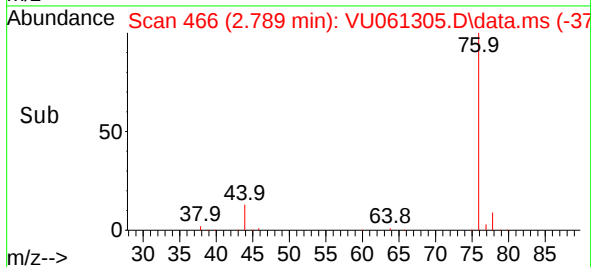
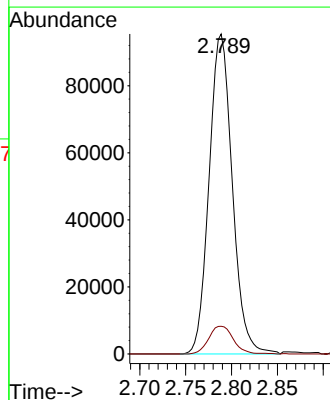
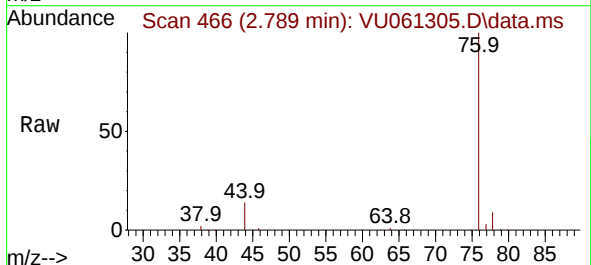
Acq: 31 Oct 2024 11:37

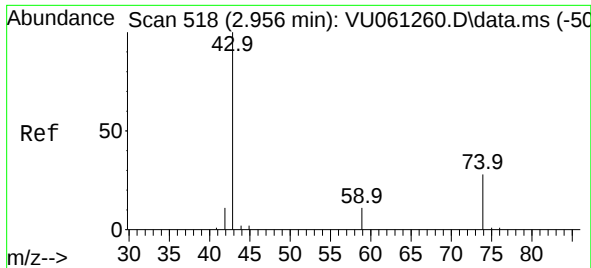
Tgt Ion: 76 Resp: 168103

Ion Ratio Lower Upper

76 100

78 8.6 7.4 11.2





#15

Methyl Acetate

Concen: 5.066 ug/L

RT: 2.953 min Scan# 518

Delta R.T. -0.003 min

Lab File: VU061305.D

Acq: 31 Oct 2024 11:37

Instrument :

MSVOA_U

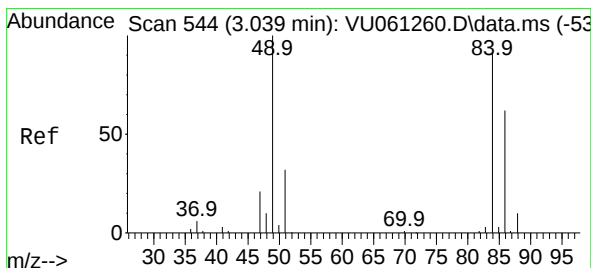
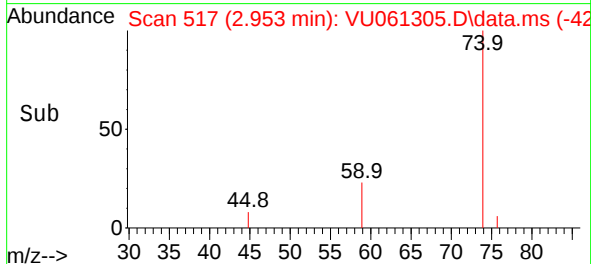
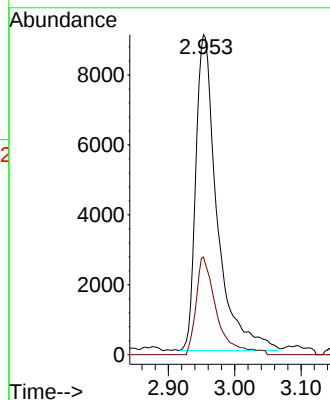
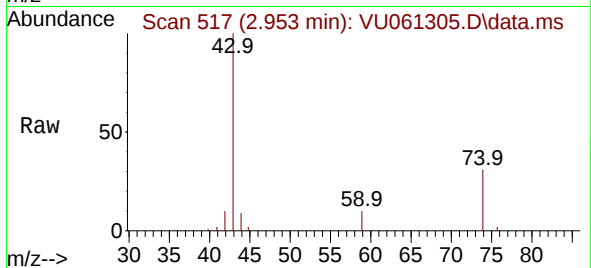
ClientSampleId :

Tgt Ion: 43 Resp: 20143

Ion Ratio Lower Upper

43 100

74 29.7 22.2 33.4



#16

Methylene chloride

Concen: 5.066 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

Lab File: VU061305.D

Acq: 31 Oct 2024 11:37

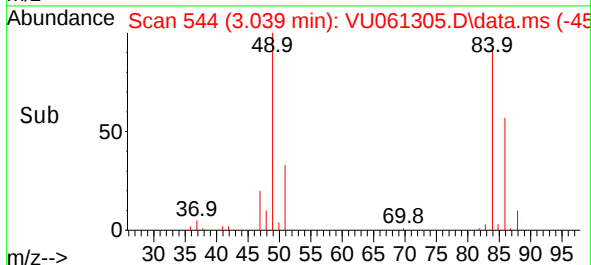
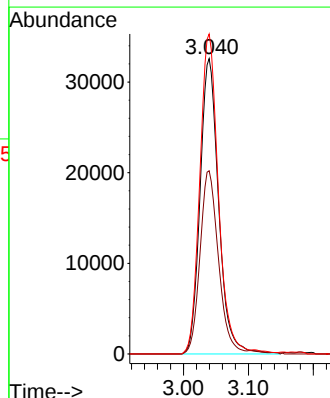
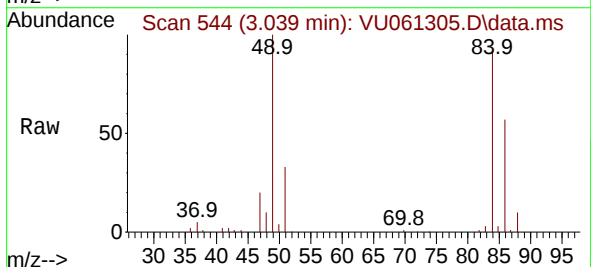
Tgt Ion: 84 Resp: 64870

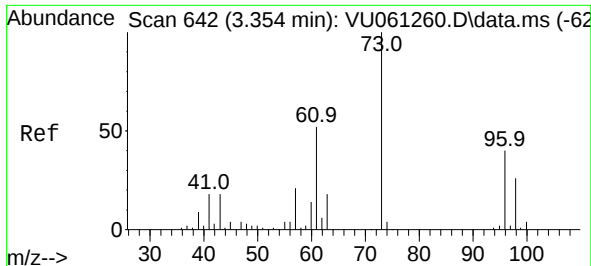
Ion Ratio Lower Upper

84 100

86 62.0 43.5 80.7

49 108.3 75.7 140.7

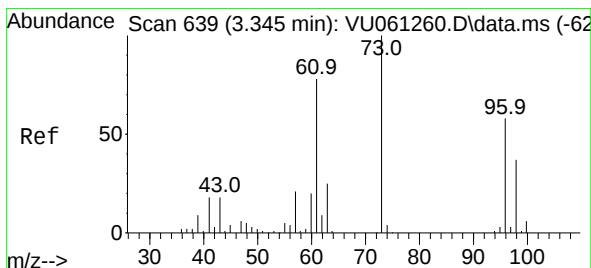
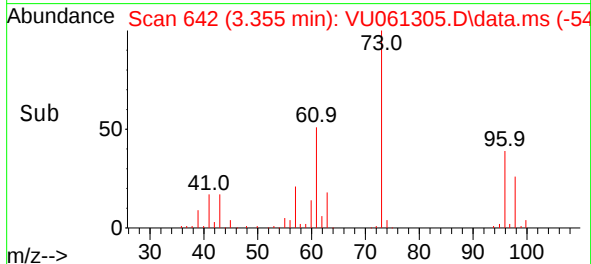
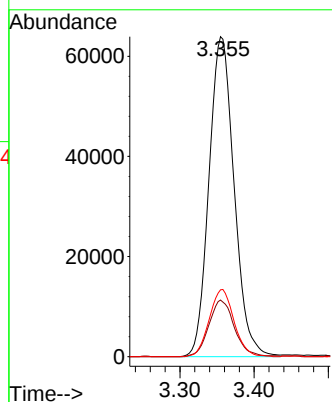
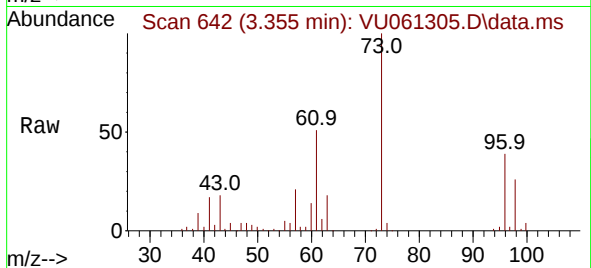




#17
Methyl tert-butyl Ether
Concen: 5.101 ug/L
RT: 3.355 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU061305.D
Acq: 31 Oct 2024 11:37

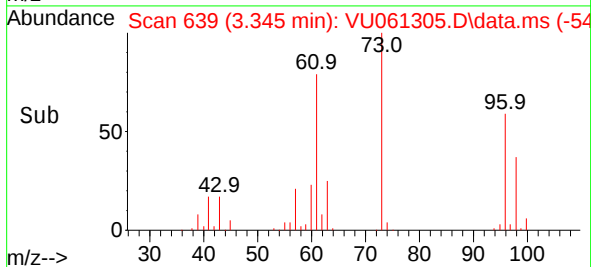
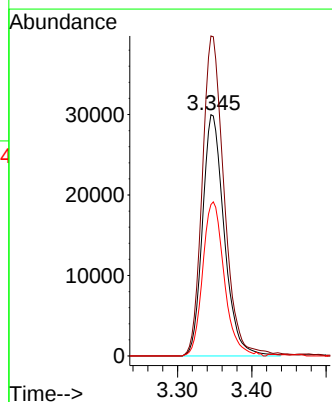
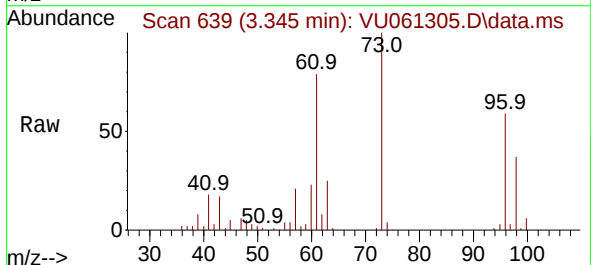
Instrument :
MSVOA_U
ClientSampleId :

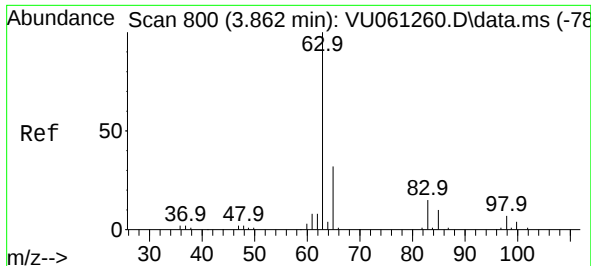
Tgt Ion: 73 Resp: 150243
Ion Ratio Lower Upper
73 100
43 18.2 15.0 22.4
57 20.7 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 5.068 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU061305.D
Acq: 31 Oct 2024 11:37

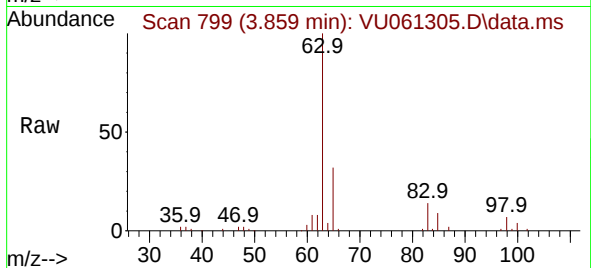
Tgt Ion: 96 Resp: 60901
Ion Ratio Lower Upper
96 100
61 132.6 97.9 181.7
98 62.7 46.2 85.8



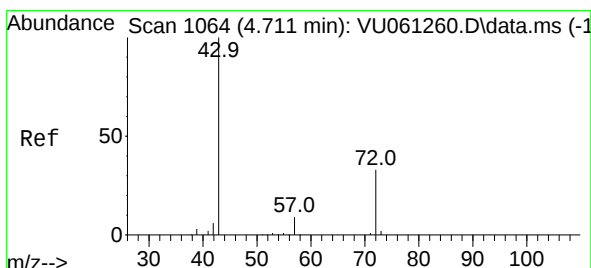
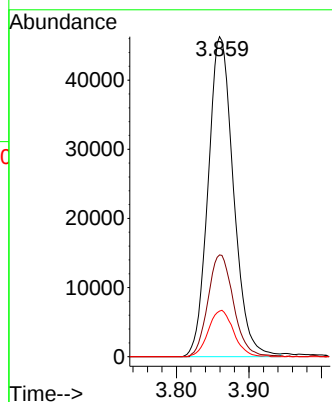
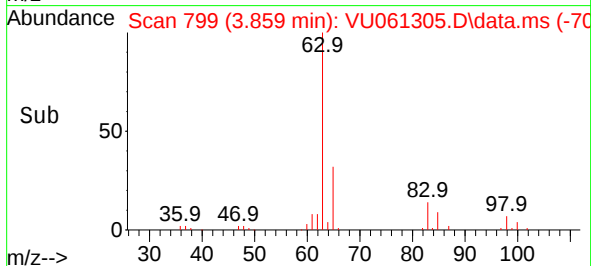


#19
1,1-Dichloroethane
Concen: 4.960 ug/L
RT: 3.859 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU061305.D
Acq: 31 Oct 2024 11:37

Instrument :
MSVOA_U
ClientSampleId :

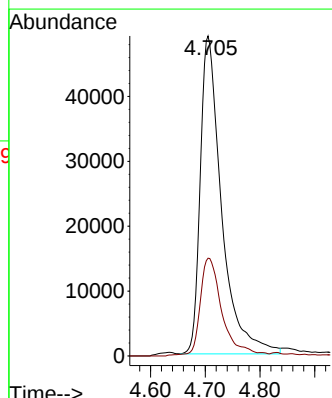
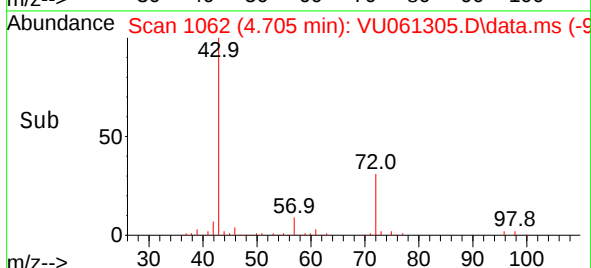
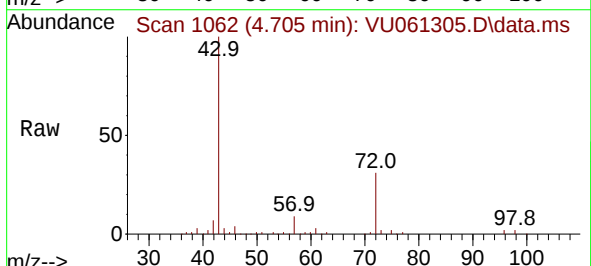


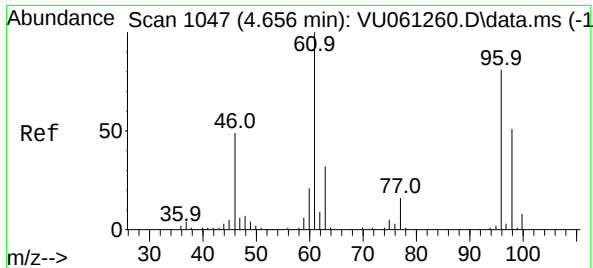
Tgt Ion: 63 Resp: 112418
Ion Ratio Lower Upper
63 100
65 31.8 23.0 42.6
83 14.3 9.7 17.9



#21
2-Butanone
Concen: 52.061 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VU061305.D
Acq: 31 Oct 2024 11:37

Tgt Ion: 43 Resp: 132513
Ion Ratio Lower Upper
43 100
72 31.4 15.9 47.6

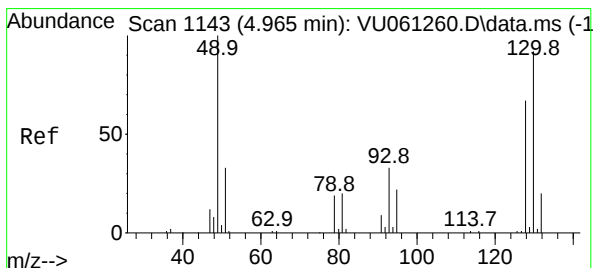
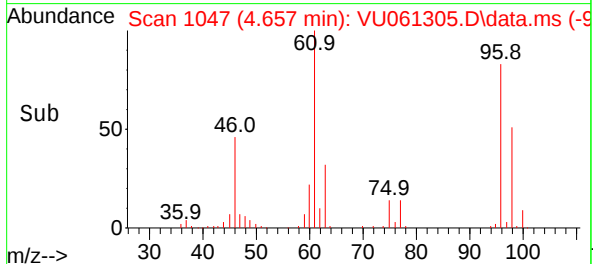
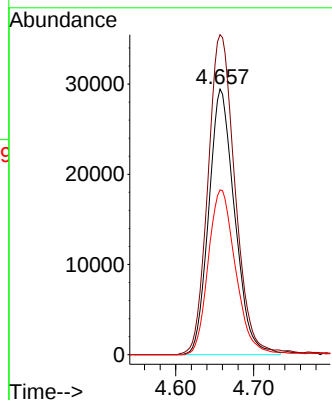
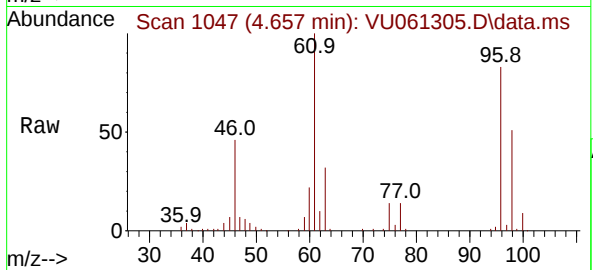




#22
cis-1,2-Dichloroethene
Concen: 4.961 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU061305.D
Acq: 31 Oct 2024 11:37

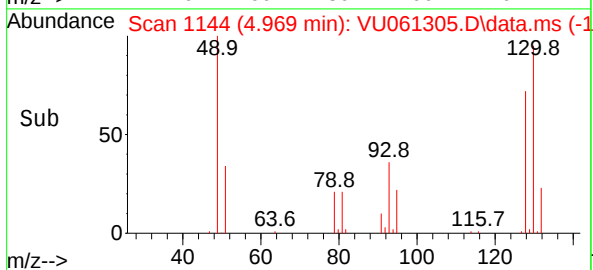
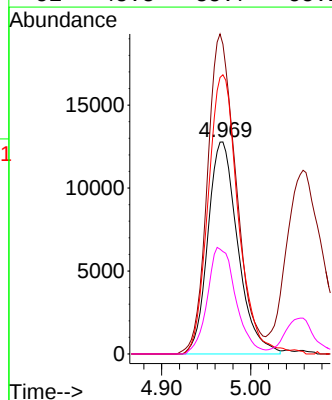
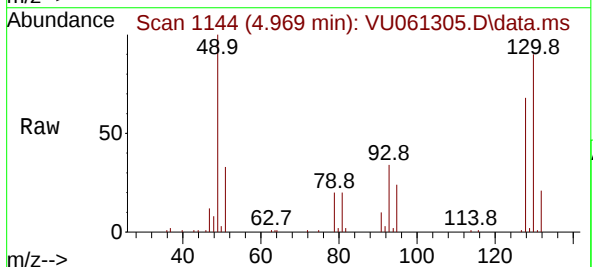
Instrument :
MSVOA_U
ClientSampleId :

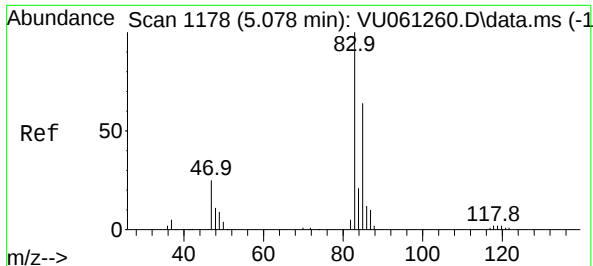
Tgt Ion: 96 Resp: 68097
Ion Ratio Lower Upper
96 100
61 120.5 88.1 163.5
98 62.0 45.0 83.6



#23
Bromochloromethane
Concen: 5.154 ug/L
RT: 4.969 min Scan# 1144
Delta R.T. 0.004 min
Lab File: VU061305.D
Acq: 31 Oct 2024 11:37

Tgt Ion:128 Resp: 29766
Ion Ratio Lower Upper
128 100
49 151.1 105.1 195.1
130 131.7 89.6 166.4
51 48.3 38.7 58.1

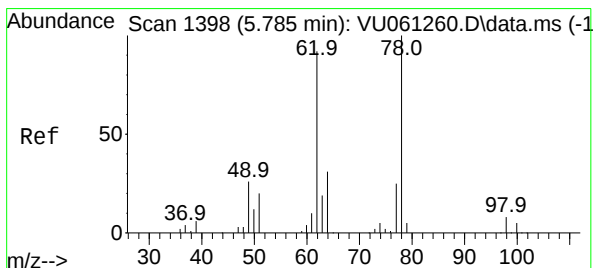
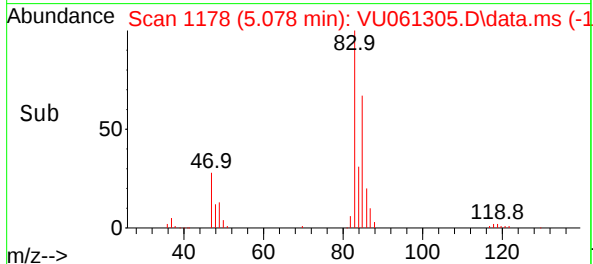
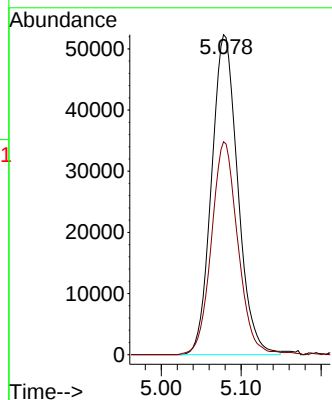
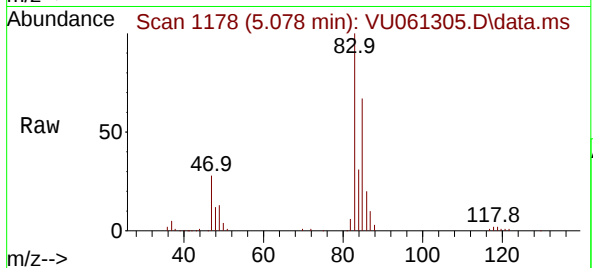




#25
Chloroform
Concen: 5.009 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU061305.D
Acq: 31 Oct 2024 11:37

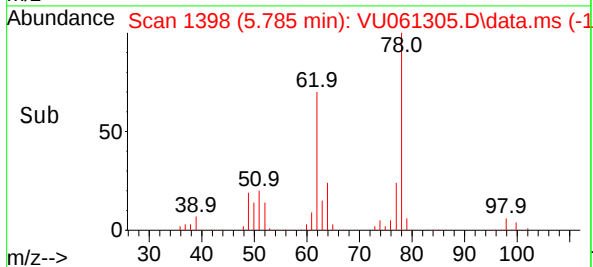
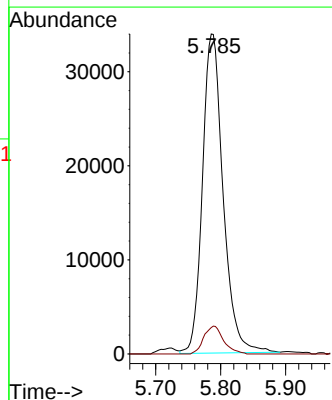
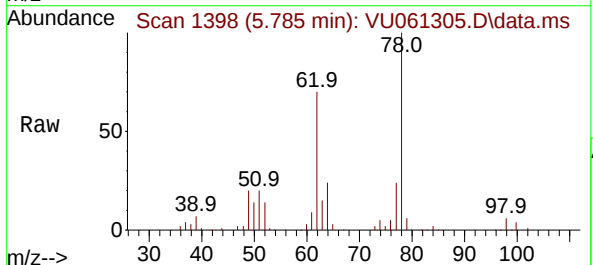
Instrument :
MSVOA_U
ClientSampleId :

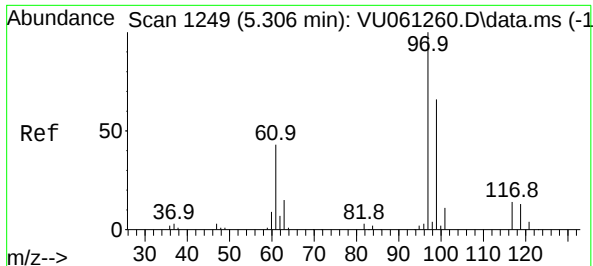
Tgt Ion: 83 Resp: 119355
Ion Ratio Lower Upper
83 100
85 66.6 45.6 84.6



#27
1,2-Dichloroethane
Concen: 4.987 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VU061305.D
Acq: 31 Oct 2024 11:37

Tgt Ion: 62 Resp: 75098
Ion Ratio Lower Upper
62 100
98 8.2 7.4 11.0

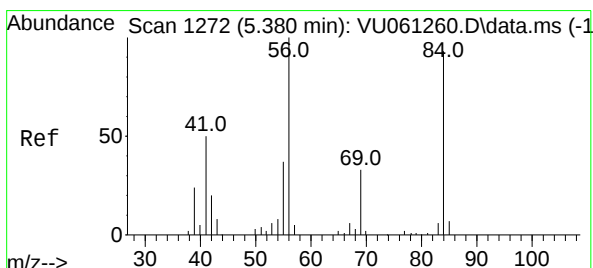
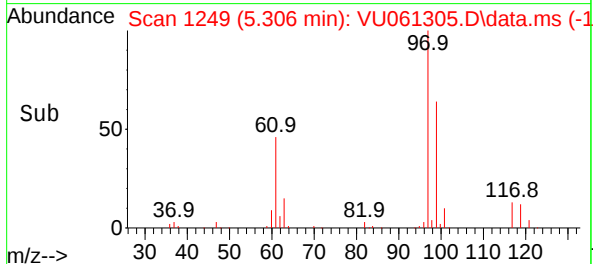
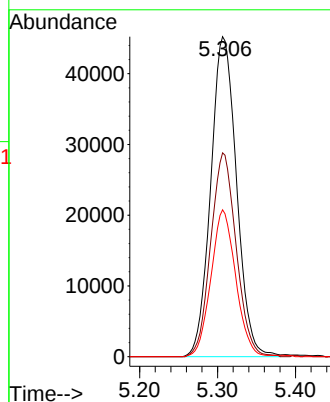
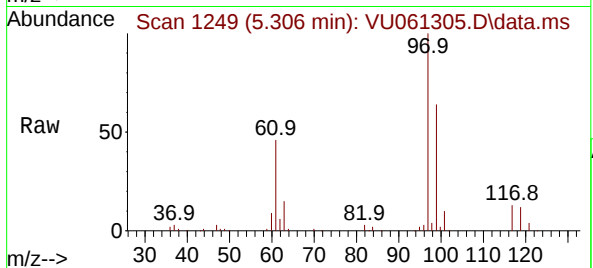




#29
1,1,1-Trichloroethane
Concen: 5.016 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU061305.D
Acq: 31 Oct 2024 11:37

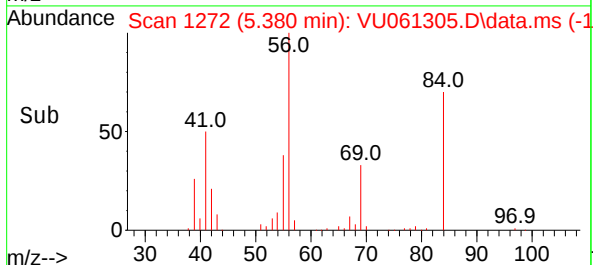
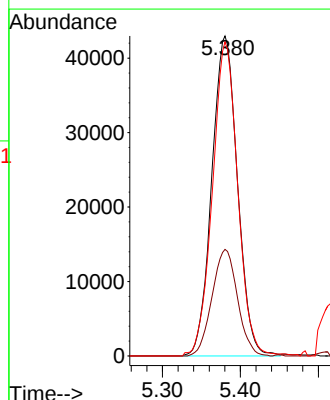
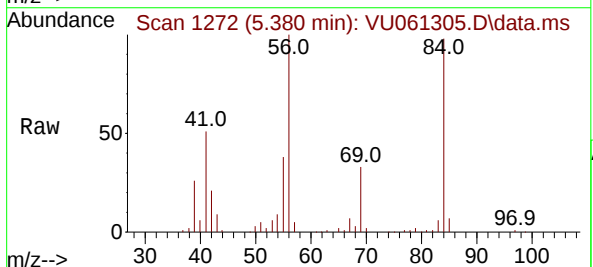
Instrument :
MSVOA_U
ClientSampleId :

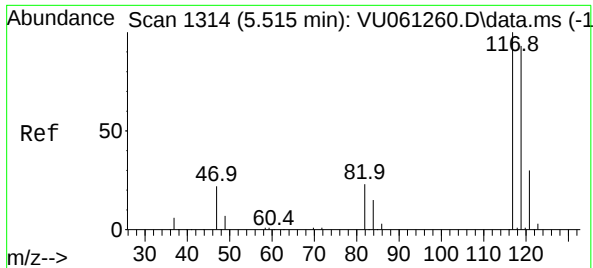
Tgt Ion: 97 Resp: 104328
Ion Ratio Lower Upper
97 100
99 62.8 50.8 76.2
61 44.0 36.1 54.1



#30
Cyclohexane
Concen: 4.714 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU061305.D
Acq: 31 Oct 2024 11:37

Tgt Ion: 56 Resp: 98345
Ion Ratio Lower Upper
56 100
69 33.0 25.8 38.6
84 96.7 73.9 110.9

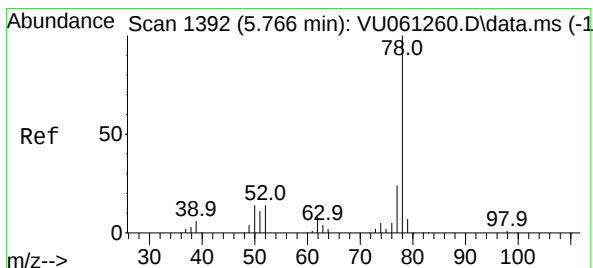
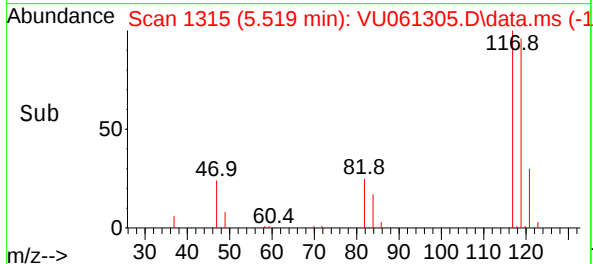
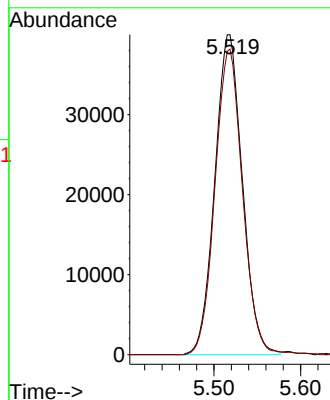
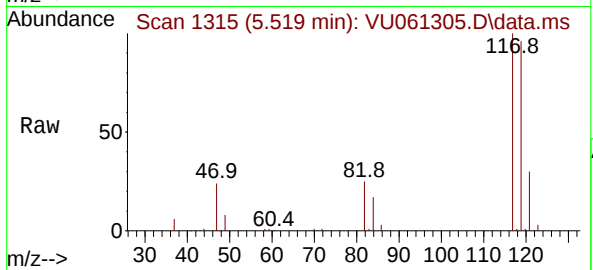




#31
Carbon tetrachloride
Concen: 4.968 ug/L
RT: 5.519 min Scan# 1314
Delta R.T. 0.004 min
Lab File: VU061305.D
Acq: 31 Oct 2024 11:37

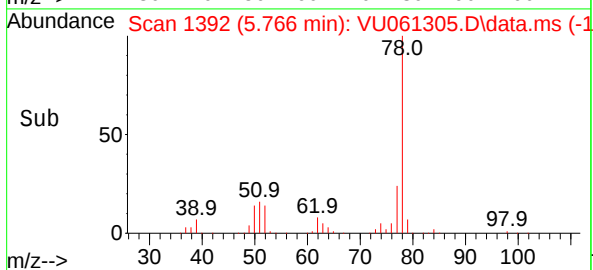
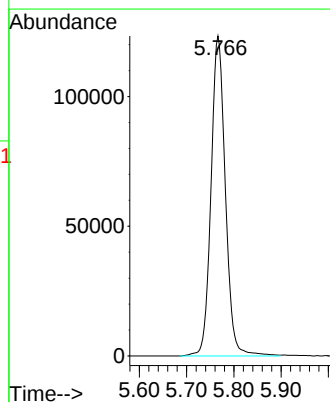
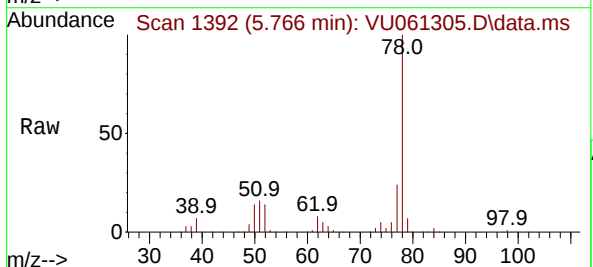
Instrument :
MSVOA_U
ClientSampleId :

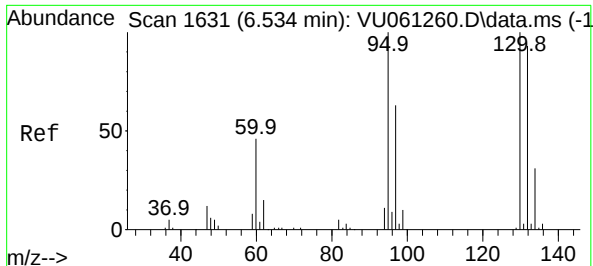
Tgt Ion:117 Resp: 88415
Ion Ratio Lower Upper
117 100
119 95.5 75.5 113.3



#33
Benzene
Concen: 4.960 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU061305.D
Acq: 31 Oct 2024 11:37

Tgt Ion: 78 Resp: 260574





#34

Trichloroethene

Concen: 4.954 ug/L

RT: 6.535 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU061305.D

Acq: 31 Oct 2024 11:37

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 70792

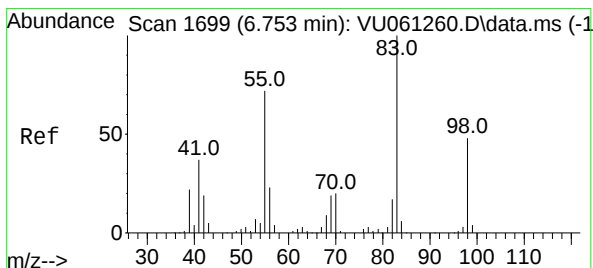
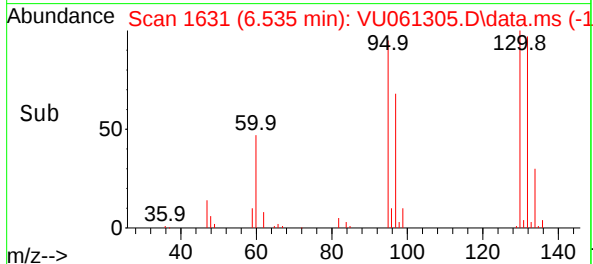
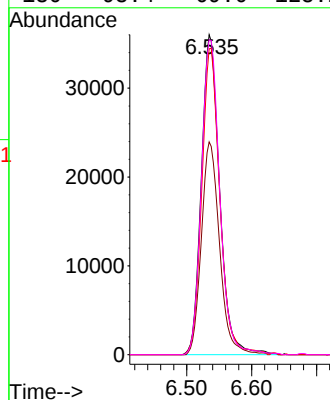
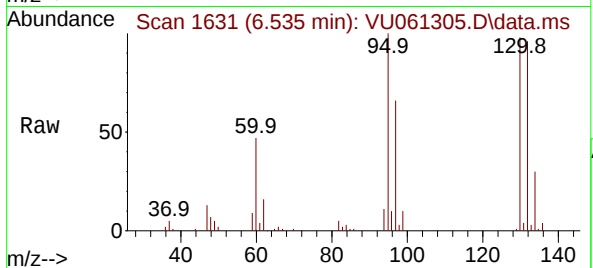
Ion Ratio Lower Upper

95 100

97 66.5 46.1 85.7

132 95.6 66.1 122.7

130 98.4 69.0 128.2



#35

Methylcyclohexane

Concen: 4.810 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.004 min

Lab File: VU061305.D

Acq: 31 Oct 2024 11:37

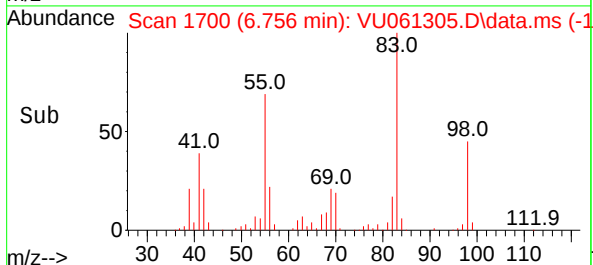
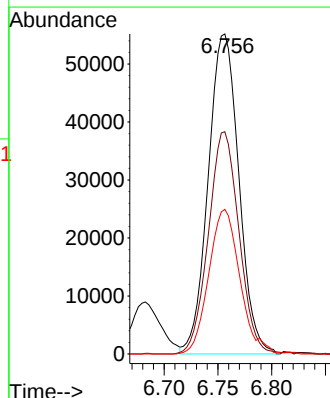
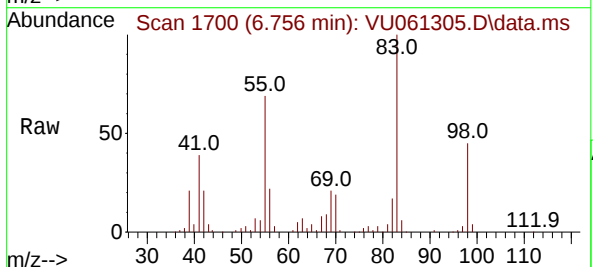
Tgt Ion: 83 Resp: 109403

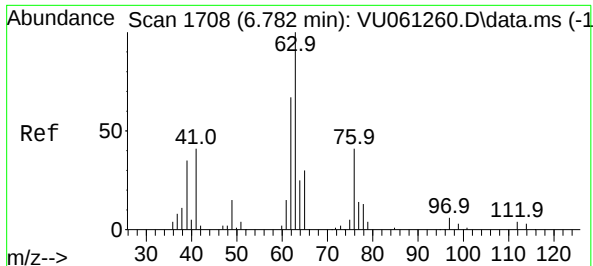
Ion Ratio Lower Upper

83 100

55 69.4 55.9 83.9

98 45.8 35.9 53.9

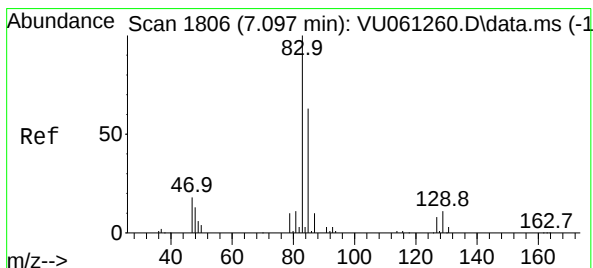
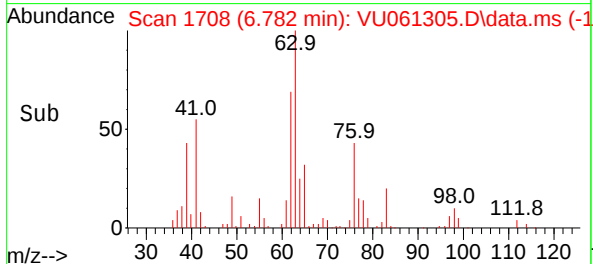
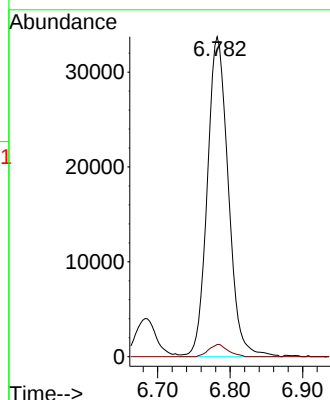
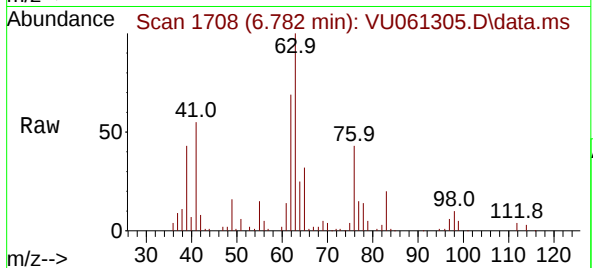




#37
1,2-Dichloropropane
Concen: 5.096 ug/L
RT: 6.782 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU061305.D
Acq: 31 Oct 2024 11:37

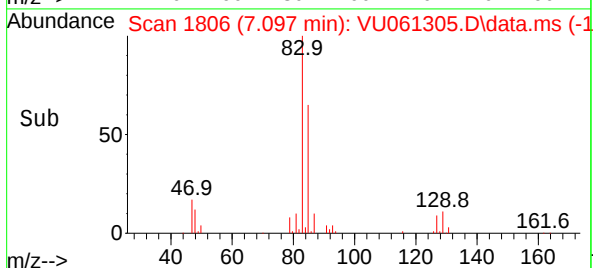
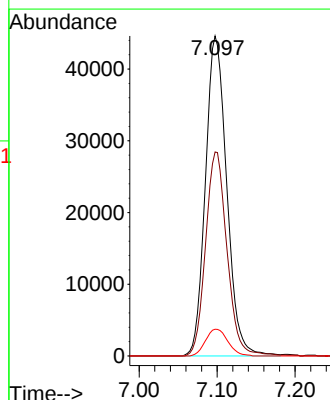
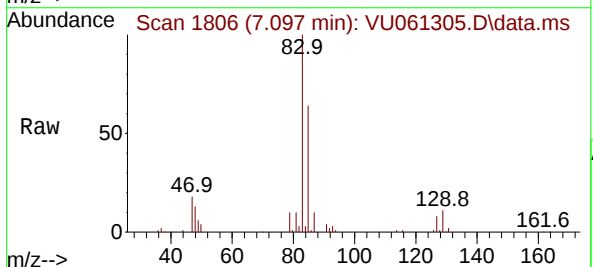
Instrument :
MSVOA_U
ClientSampleId :

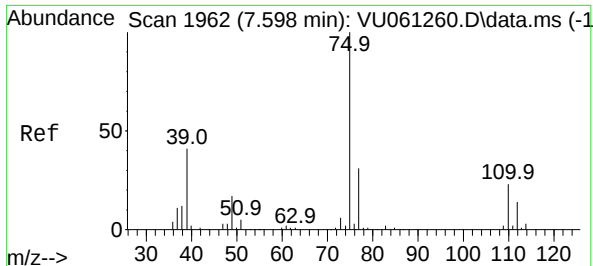
Tgt Ion: 63 Resp: 67855
Ion Ratio Lower Upper
63 100
112 3.5 3.0 4.4



#38
Bromodichloromethane
Concen: 5.031 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU061305.D
Acq: 31 Oct 2024 11:37

Tgt Ion: 83 Resp: 84780
Ion Ratio Lower Upper
83 100
85 63.7 43.8 81.4
127 8.4 7.4 11.0

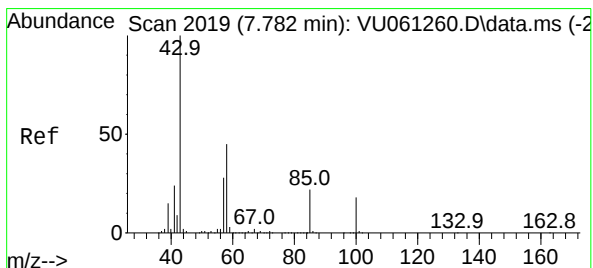
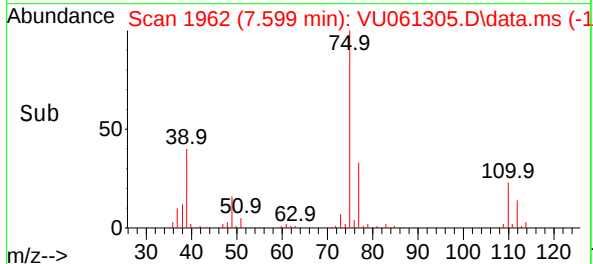
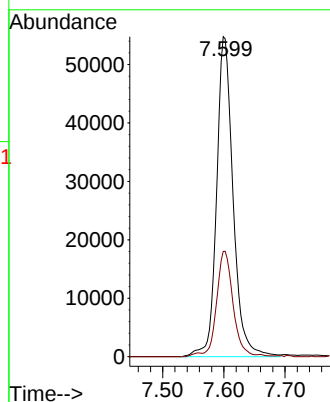
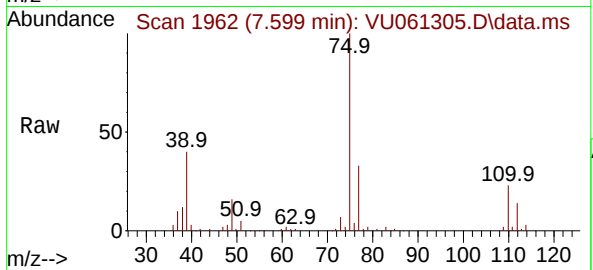




#39
 cis-1,3-Dichloropropene
 Concen: 5.001 ug/L
 RT: 7.599 min Scan# 1962
 Delta R.T. 0.000 min
 Lab File: VU061305.D
 Acq: 31 Oct 2024 11:37

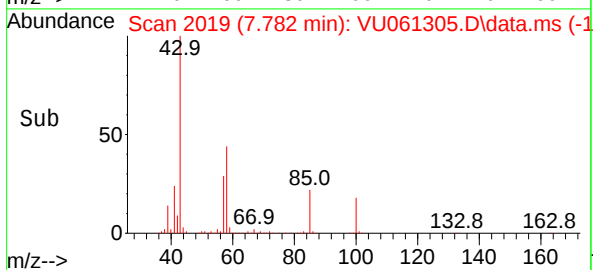
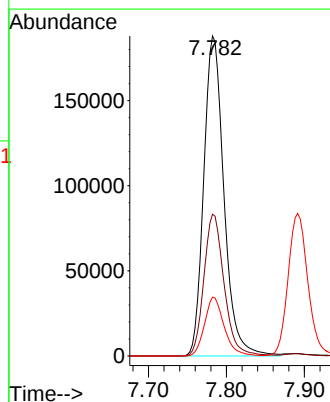
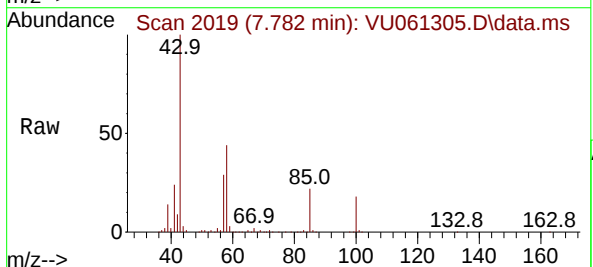
Instrument :
 MSVOA_U
 ClientSampleId :

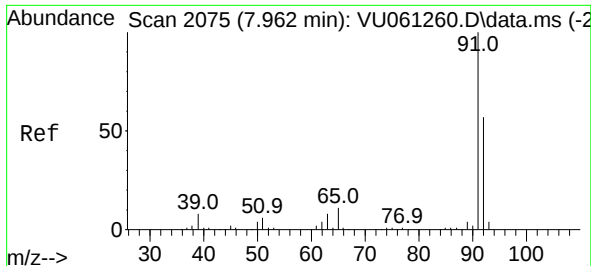
Tgt Ion: 75 Resp: 102836
 Ion Ratio Lower Upper
 75 100
 77 32.9 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 51.163 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VU061305.D
 Acq: 31 Oct 2024 11:37

Tgt Ion: 43 Resp: 339046
 Ion Ratio Lower Upper
 43 100
 58 44.3 35.1 52.7
 100 17.8 14.0 21.0

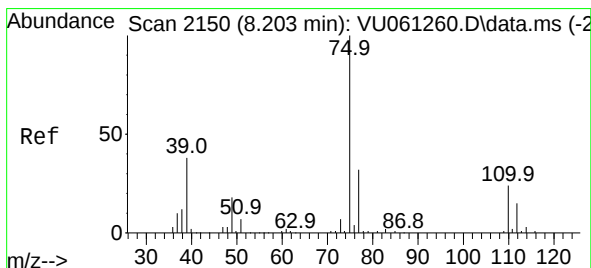
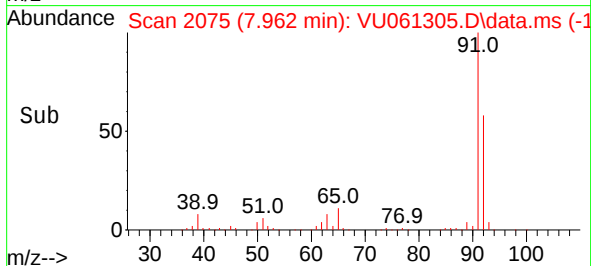
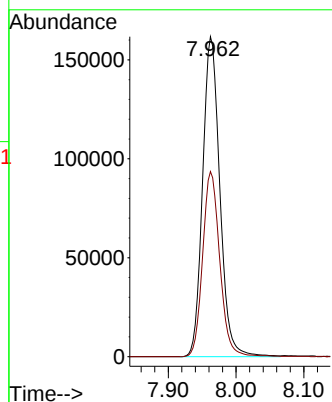
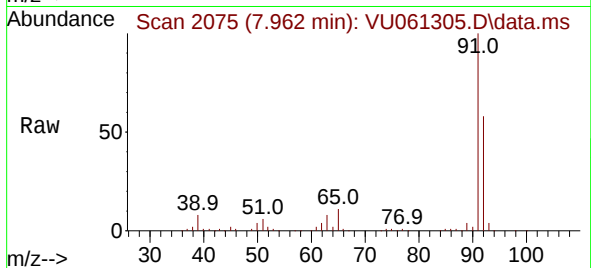




#42
Toluene
Concen: 5.011 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VU061305.D
Acq: 31 Oct 2024 11:37

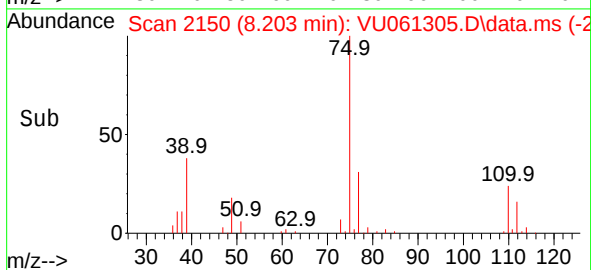
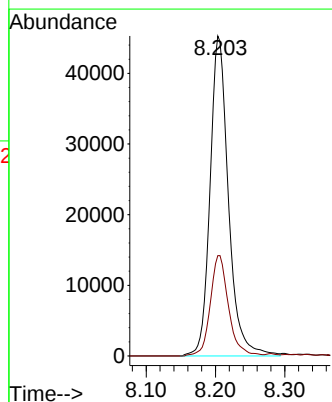
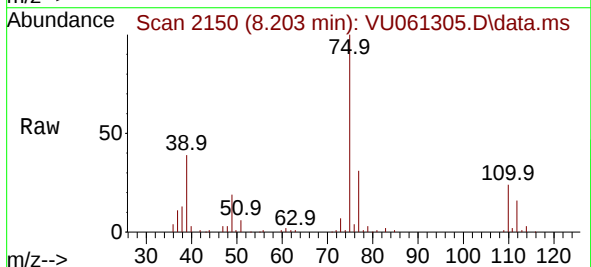
Instrument :
MSVOA_U
ClientSampleId :

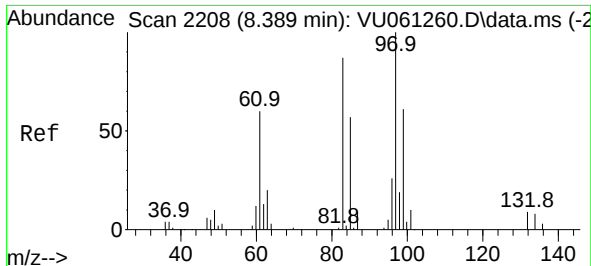
Tgt Ion: 91 Resp: 285830
Ion Ratio Lower Upper
91 100
92 57.8 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 4.975 ug/L
RT: 8.203 min Scan# 2150
Delta R.T. 0.000 min
Lab File: VU061305.D
Acq: 31 Oct 2024 11:37

Tgt Ion: 75 Resp: 83356
Ion Ratio Lower Upper
75 100
77 31.4 22.0 40.8

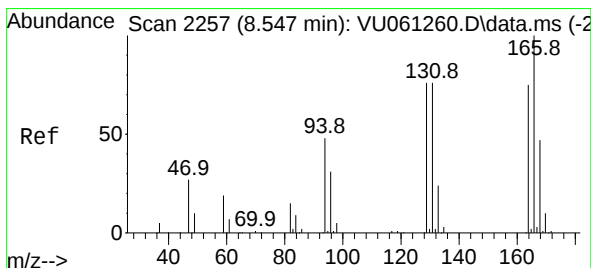
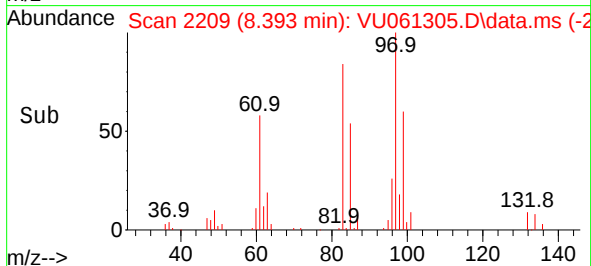
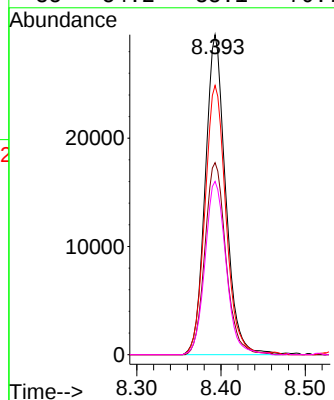
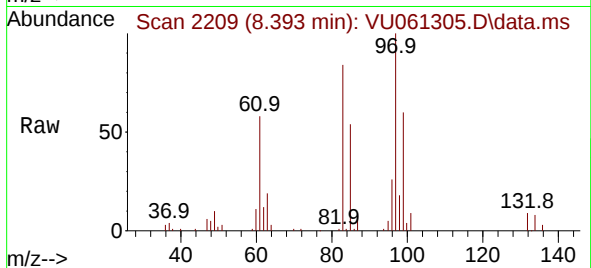




#45
1,1,2-Trichloroethane
Concen: 5.202 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.004 min
Lab File: VU061305.D
Acq: 31 Oct 2024 11:37

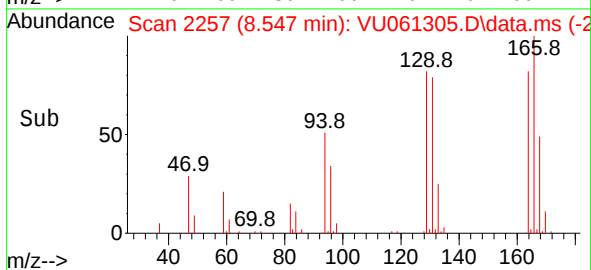
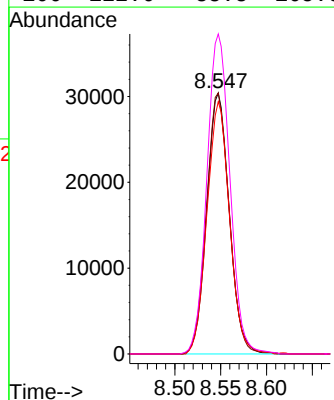
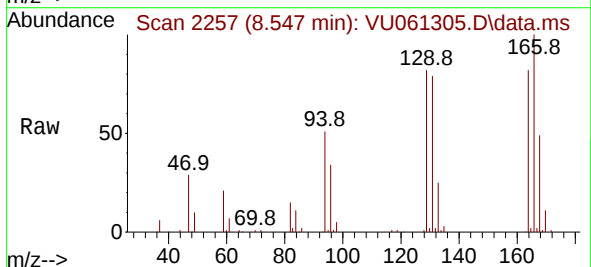
Instrument :
MSVOA_U
ClientSampleId :

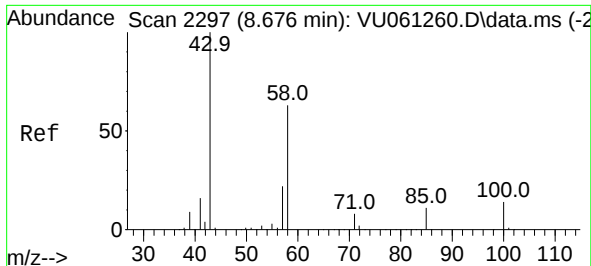
Tgt Ion: 97	Resp: 49844
Ion Ratio	Lower Upper
97	100
99	60.0 44.1 81.9
83	84.2 61.2 113.6
85	54.2 38.1 70.7



#47
Tetrachloroethene
Concen: 5.216 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU061305.D
Acq: 31 Oct 2024 11:37

Tgt Ion: 164	Resp: 52052
Ion Ratio	Lower Upper
164	100
129	100.0 69.9 129.7
131	96.7 68.3 126.8
166	122.6 88.8 165.0

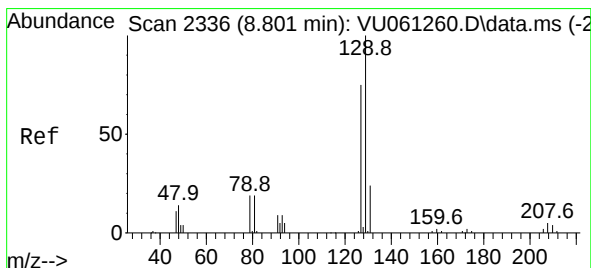
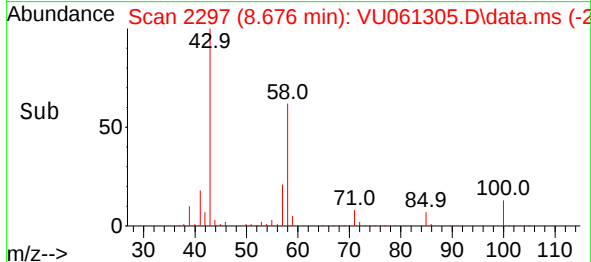
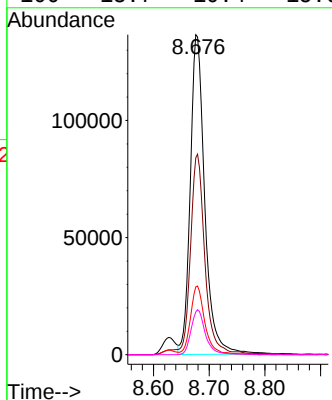
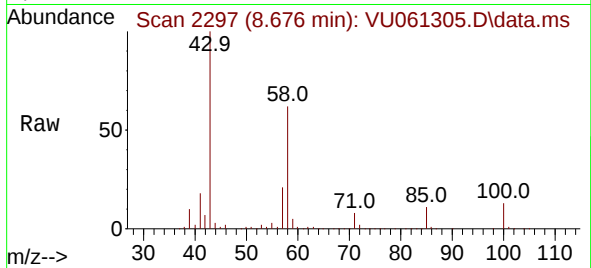




#48
2-Hexanone
Concen: 52.730 ug/L
RT: 8.676 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU061305.D
Acq: 31 Oct 2024 11:37

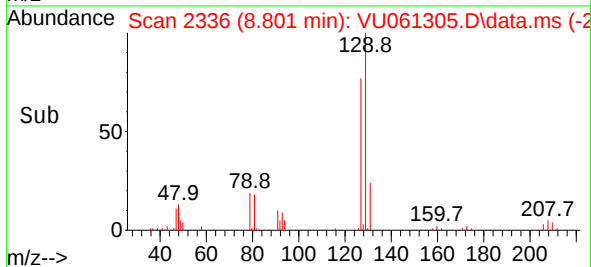
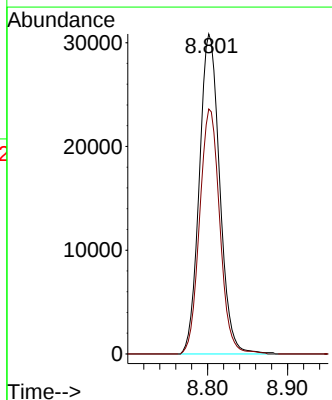
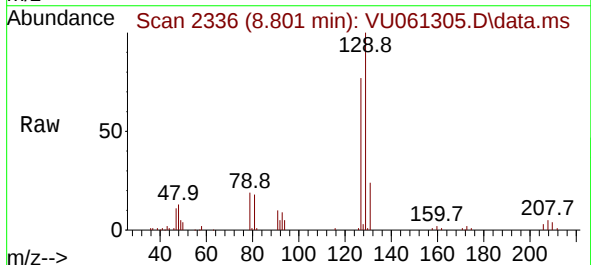
Instrument :
MSVOA_U
ClientSampleId :

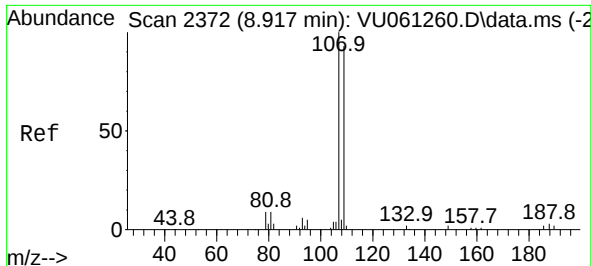
Tgt Ion:	43	Resp:	247098
Ion	Ratio	Lower	Upper
43	100		
58	63.4	48.6	72.8
57	21.2	17.0	25.6
100	13.7	10.4	15.6



#49
Dibromochloromethane
Concen: 5.044 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU061305.D
Acq: 31 Oct 2024 11:37

Tgt Ion:	129	Resp:	54819
Ion	Ratio	Lower	Upper
129	100		
127	76.6	51.8	96.2

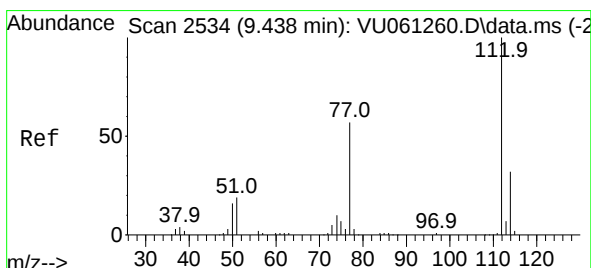
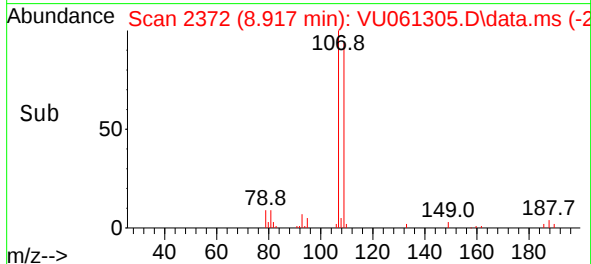
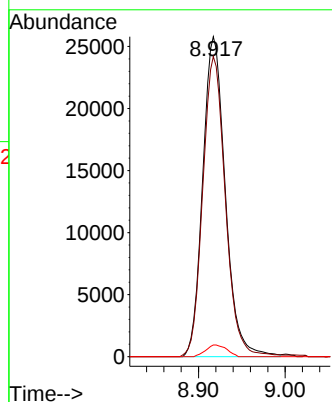
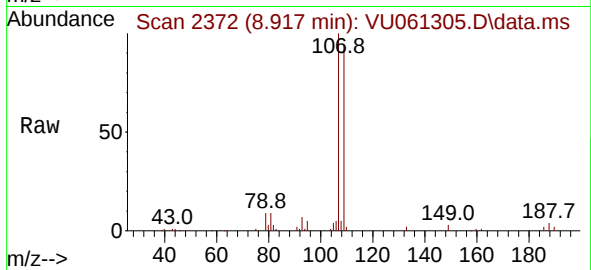




#50
1,2-Dibromoethane
Concen: 5.019 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU061305.D
Acq: 31 Oct 2024 11:37

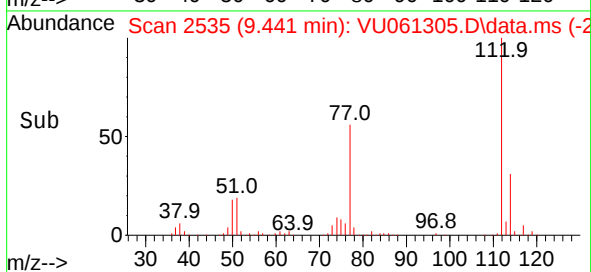
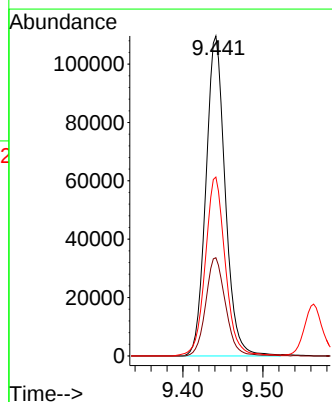
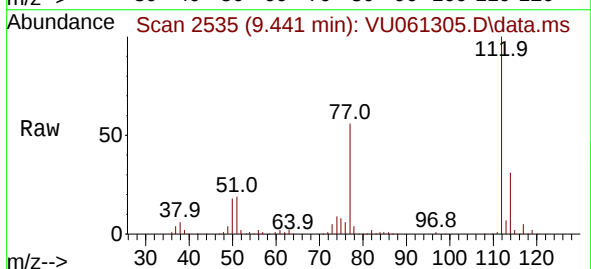
Instrument :
MSVOA_U
ClientSampleId :

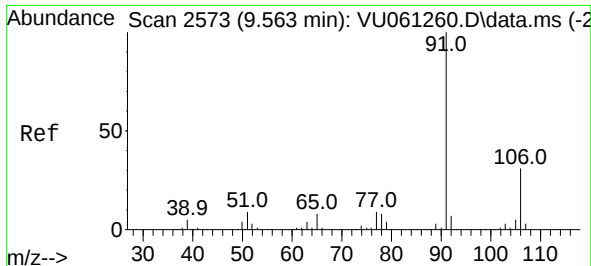
Tgt Ion:107 Resp: 46721
Ion Ratio Lower Upper
107 100
109 93.8 63.4 117.8
188 3.7 2.6 3.8



#51
Chlorobenzene
Concen: 5.116 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.004 min
Lab File: VU061305.D
Acq: 31 Oct 2024 11:37

Tgt Ion:112 Resp: 184482
Ion Ratio Lower Upper
112 100
114 30.7 22.9 42.5
77 55.9 47.1 70.7

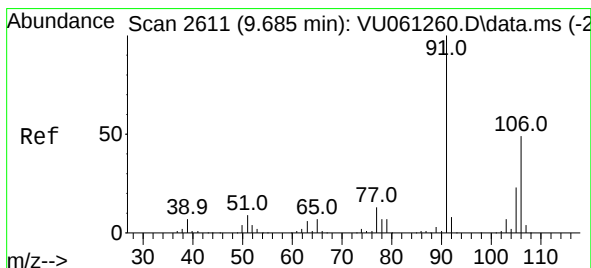
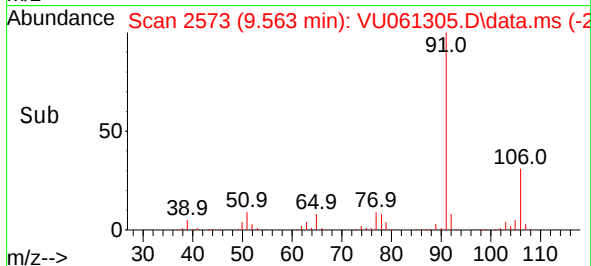
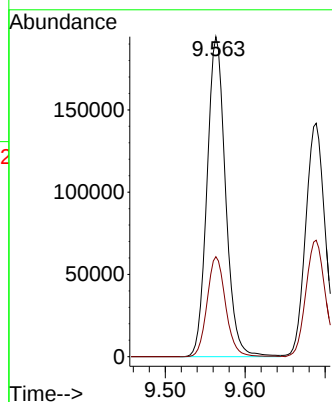
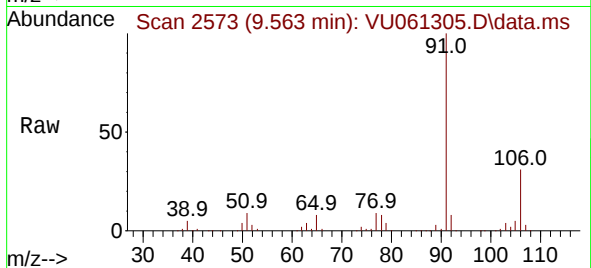




#52
Ethylbenzene
Concen: 4.998 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU061305.D
Acq: 31 Oct 2024 11:37

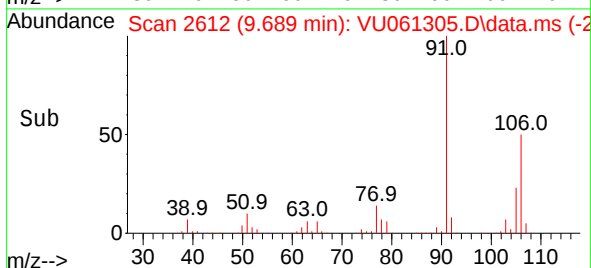
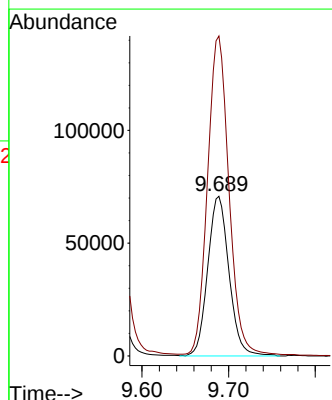
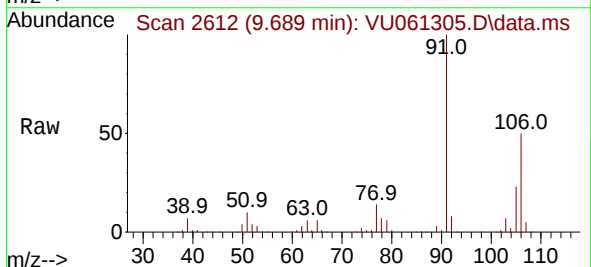
Instrument :
MSVOA_U
ClientSampleId :

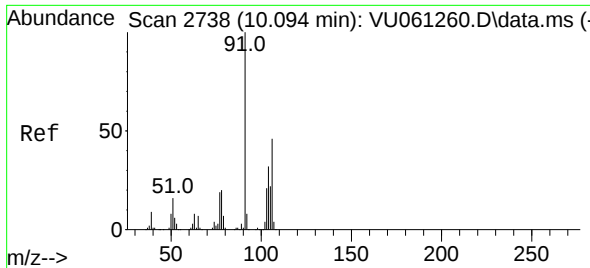
Tgt Ion: 91 Resp: 313605
Ion Ratio Lower Upper
91 100
106 31.3 22.0 41.0



#53
m,p-Xylene
Concen: 5.058 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.004 min
Lab File: VU061305.D
Acq: 31 Oct 2024 11:37

Tgt Ion:106 Resp: 120911
Ion Ratio Lower Upper
106 100
91 200.3 145.7 270.7

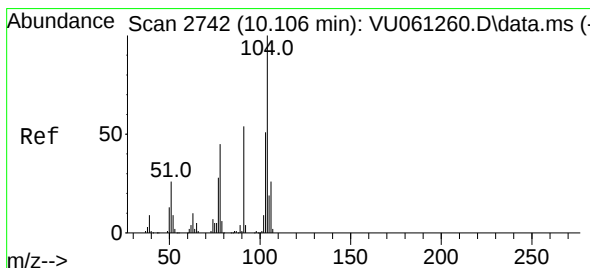
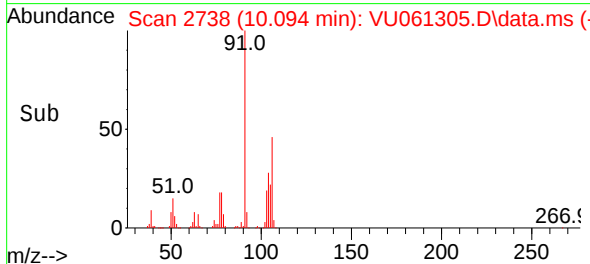
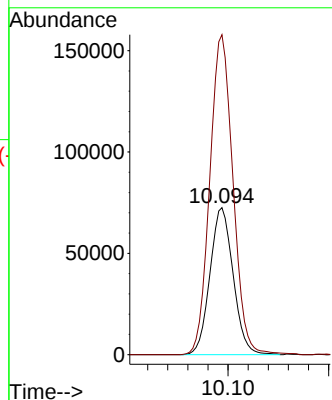
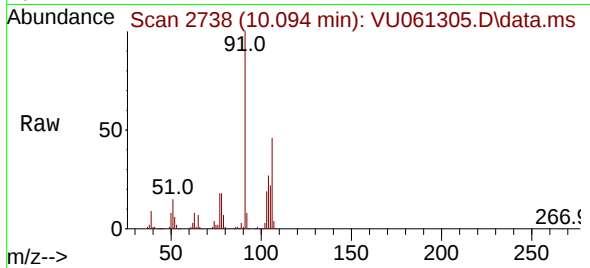




#54
o-Xylene
Concen: 4.931 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU061305.D
Acq: 31 Oct 2024 11:37

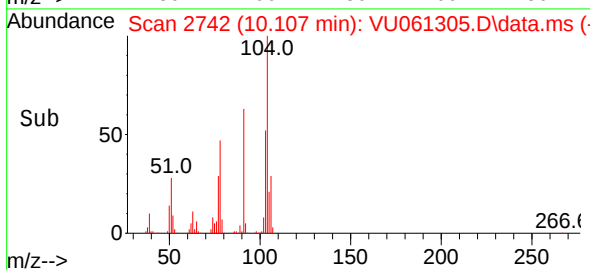
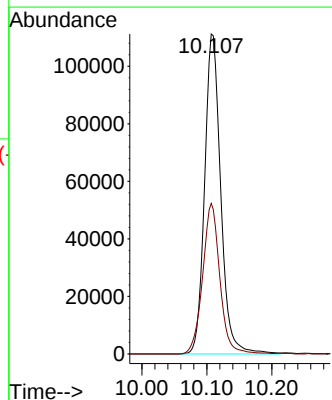
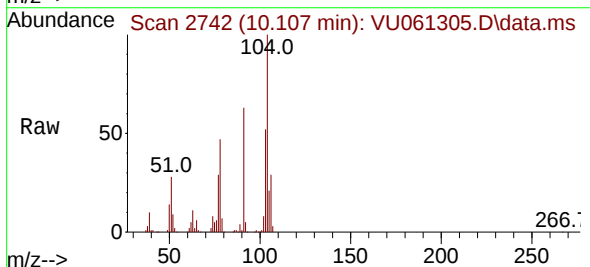
Instrument :
MSVOA_U
ClientSampleId :

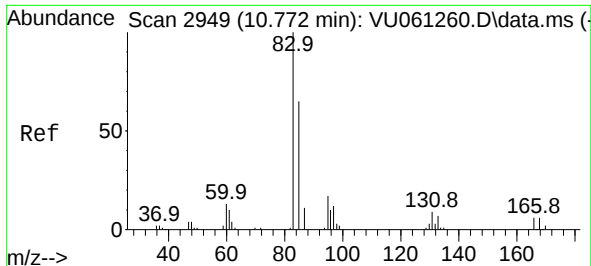
Tgt Ion:106 Resp: 116334
Ion Ratio Lower Upper
106 100
91 217.6 148.8 276.4



#55
Styrene
Concen: 5.094 ug/L
RT: 10.107 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU061305.D
Acq: 31 Oct 2024 11:37

Tgt Ion:104 Resp: 192655
Ion Ratio Lower Upper
104 100
78 47.1 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.136 ug/L

RT: 10.776 min Scan# 2949

Delta R.T. 0.004 min

Lab File: VU061305.D

Acq: 31 Oct 2024 11:37

Instrument :

MSVOA_U

ClientSampleId :

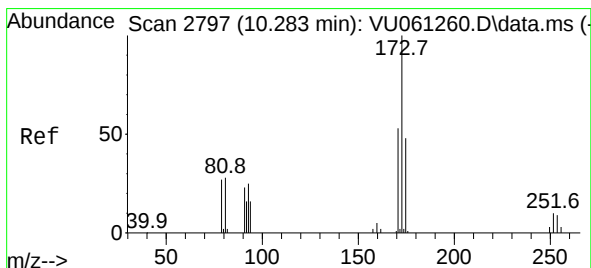
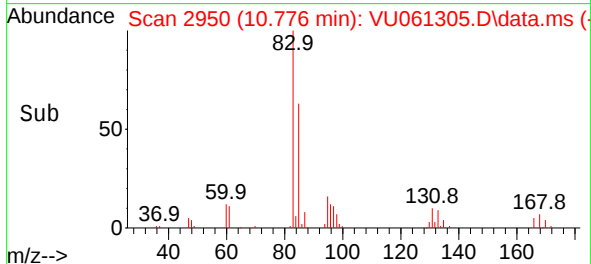
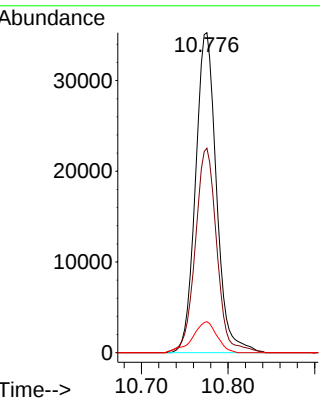
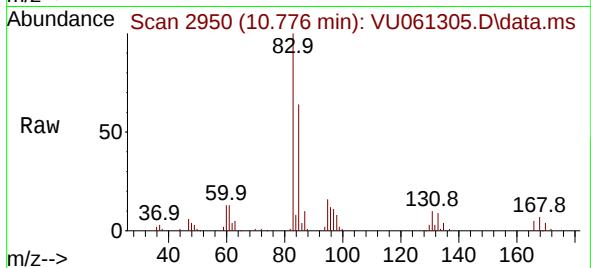
Tgt Ion: 83 Resp: 59295

Ion Ratio Lower Upper

83 100

85 63.9 45.3 84.1

131 9.7 7.6 11.4



#59

Bromoform

Concen: 4.915 ug/L

RT: 10.284 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU061305.D

Acq: 31 Oct 2024 11:37

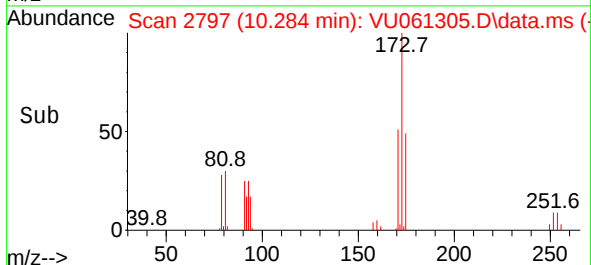
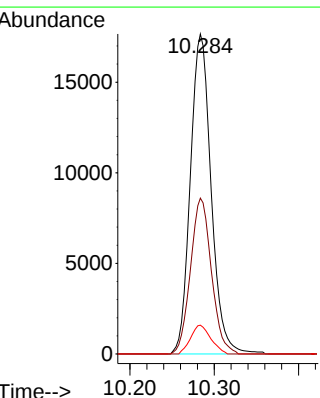
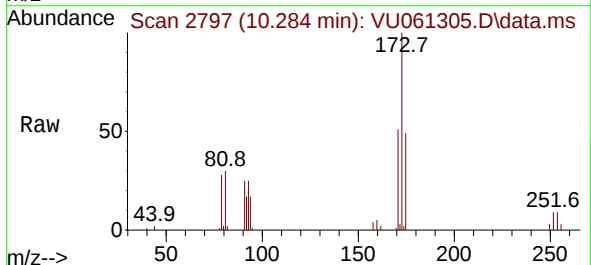
Tgt Ion:173 Resp: 30294

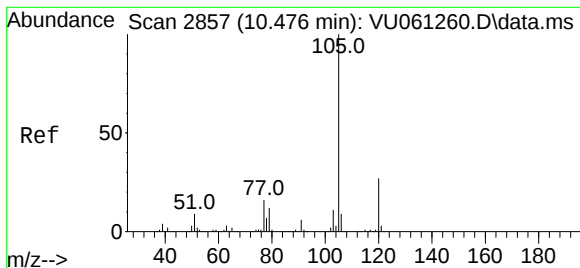
Ion Ratio Lower Upper

173 100

175 49.1 39.0 58.4

254 8.7 6.8 10.2





#60

Isopropylbenzene

Concen: 4.967 ug/L

RT: 10.477 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU061305.D

Acq: 31 Oct 2024 11:37

Instrument :

MSVOA_U

ClientSampleId :

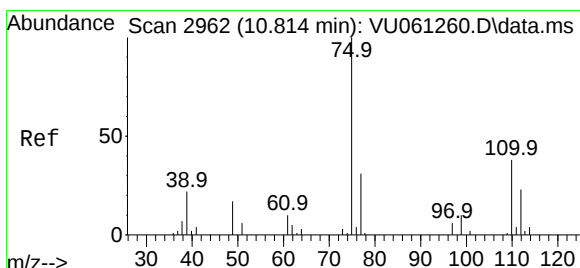
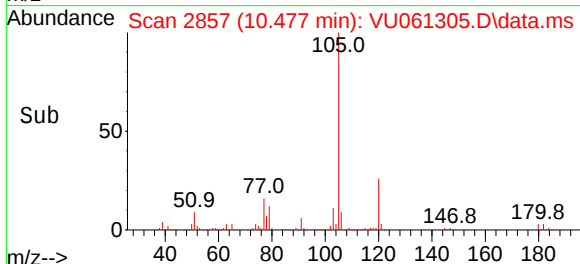
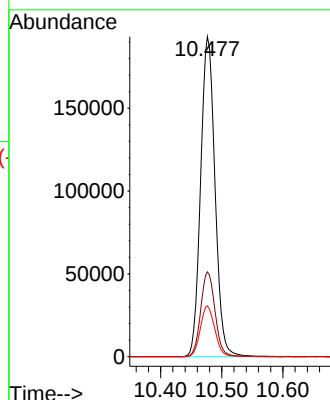
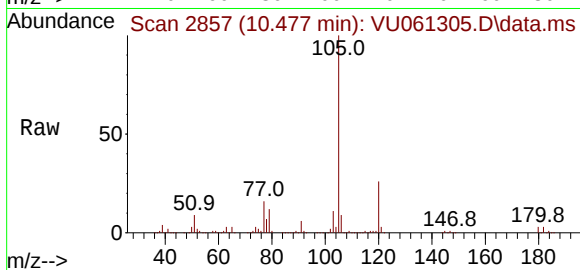
Tgt Ion:105 Resp: 315919

Ion Ratio Lower Upper

105 100

120 26.5 21.2 31.8

77 16.0 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 4.928 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.000 min

Lab File: VU061305.D

Acq: 31 Oct 2024 11:37

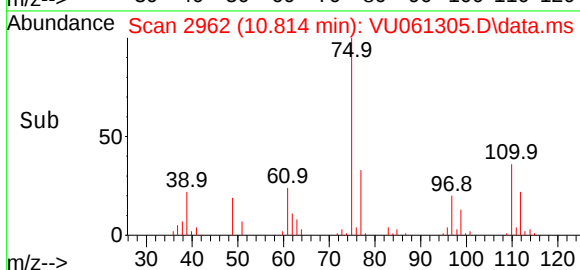
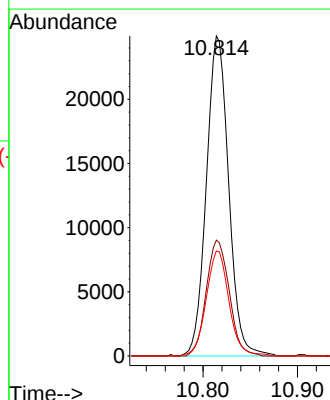
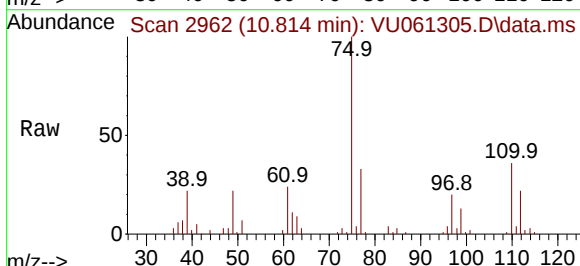
Tgt Ion: 75 Resp: 40876

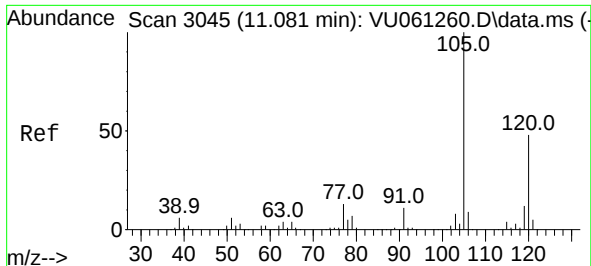
Ion Ratio Lower Upper

75 100

110 37.2 28.8 43.2

77 33.6 25.7 38.5





#62

1,3,5-Trimethylbenzene

Concen: 4.895 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU061305.D

Acq: 31 Oct 2024 11:37

Instrument :

MSVOA_U

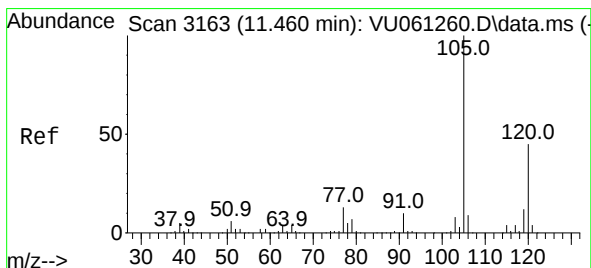
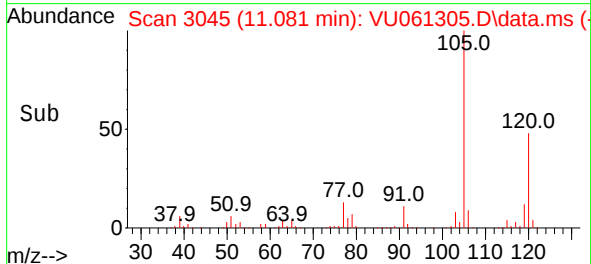
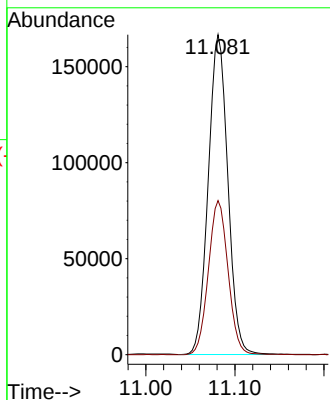
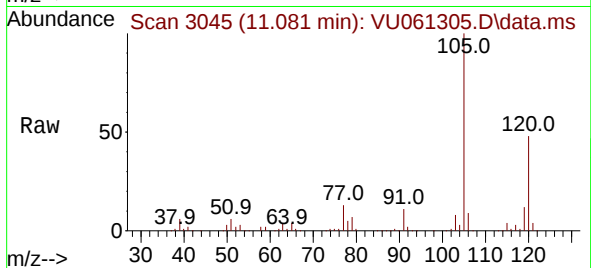
ClientSampleId :

Tgt Ion:105 Resp: 253448

Ion Ratio Lower Upper

105 100

120 48.4 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 4.895 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU061305.D

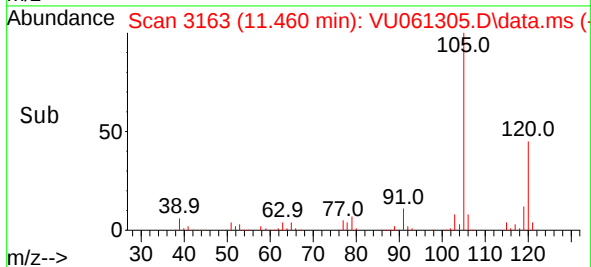
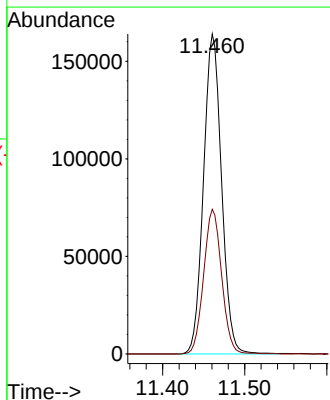
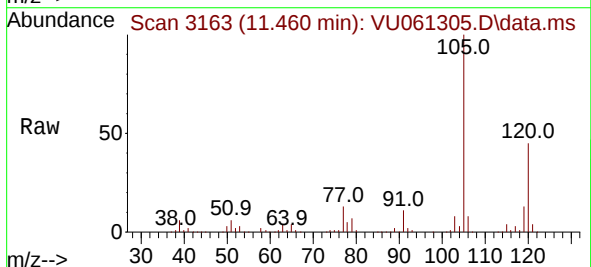
Acq: 31 Oct 2024 11:37

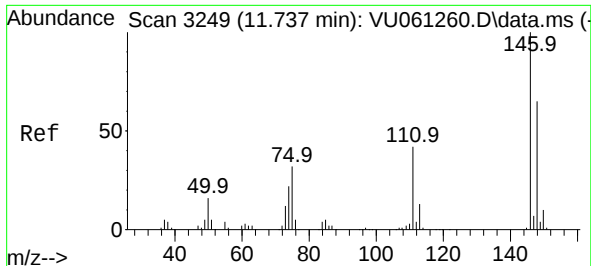
Tgt Ion:105 Resp: 250538

Ion Ratio Lower Upper

105 100

120 45.1 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 5.080 ug/L

RT: 11.740 min Scan# 31

Delta R.T. 0.004 min

Lab File: VU061305.D

Acq: 31 Oct 2024 11:37

Instrument :

MSVOA_U

ClientSampleId :

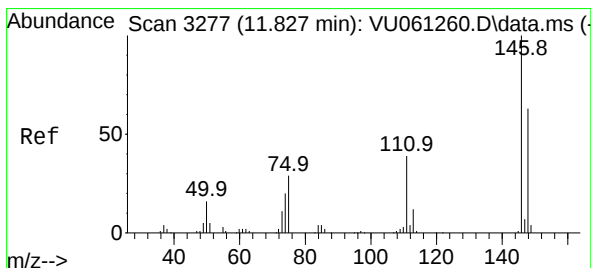
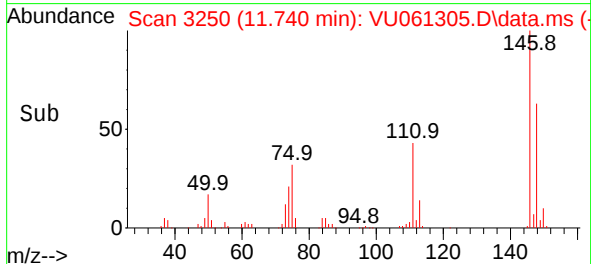
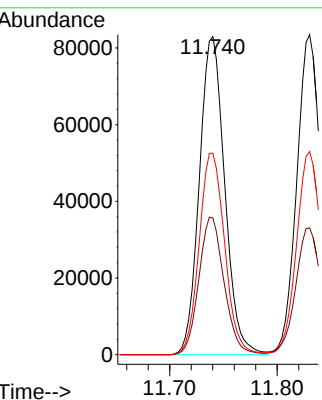
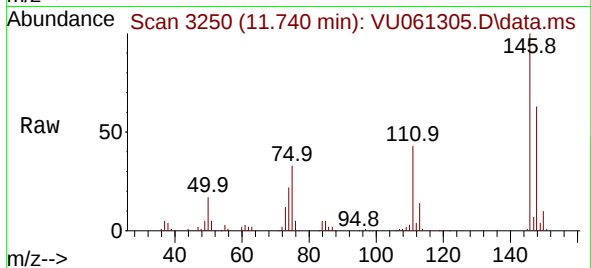
Tgt Ion:146 Resp: 135979

Ion Ratio Lower Upper

146 100

111 43.0 30.0 55.8

148 63.4 45.1 83.7



#65

1,4-Dichlorobenzene

Concen: 4.989 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.004 min

Lab File: VU061305.D

Acq: 31 Oct 2024 11:37

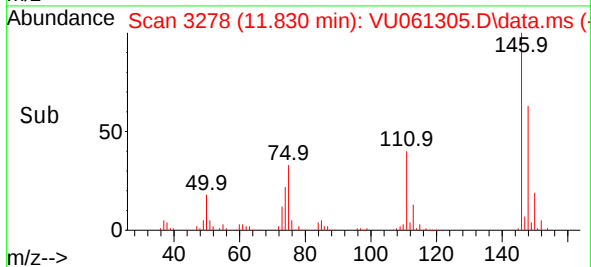
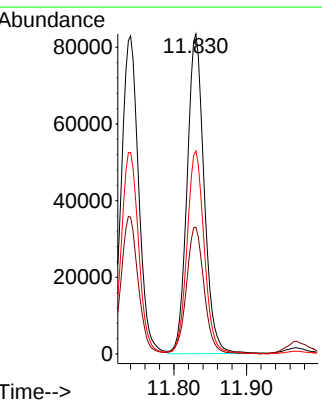
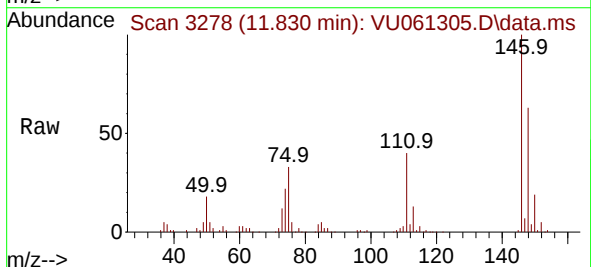
Tgt Ion:146 Resp: 136141

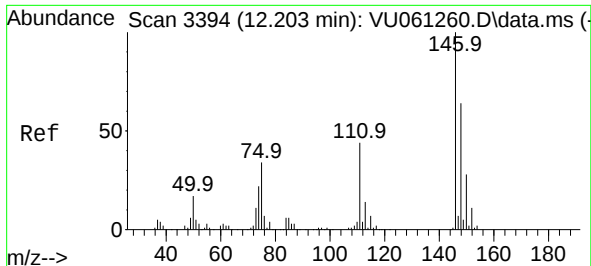
Ion Ratio Lower Upper

146 100

111 39.6 28.2 52.4

148 63.4 43.3 80.3





#67

1,2-Dichlorobenzene

Concen: 5.019 ug/L

RT: 12.206 min Scan# 3394

Delta R.T. 0.004 min

Lab File: VU061305.D

Acq: 31 Oct 2024 11:37

Instrument :

MSVOA_U

ClientSampleId :

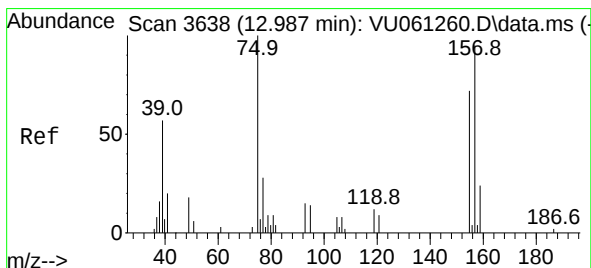
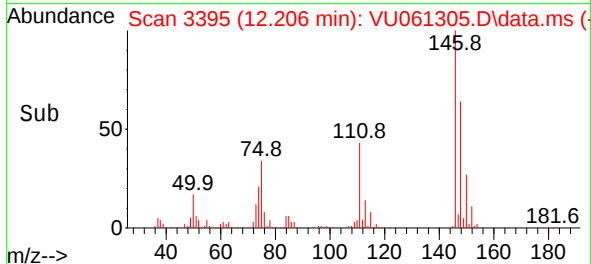
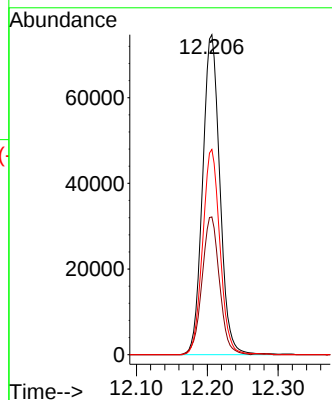
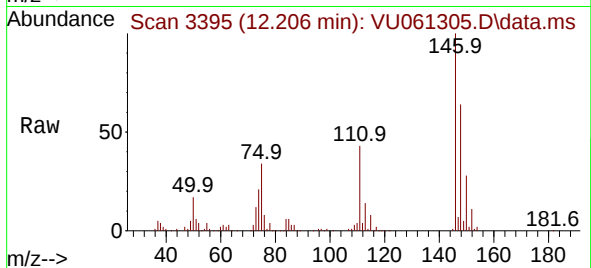
Tgt Ion:146 Resp: 126454

Ion Ratio Lower Upper

146 100

111 43.0 35.2 52.8

148 64.2 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 4.774 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.004 min

Lab File: VU061305.D

Acq: 31 Oct 2024 11:37

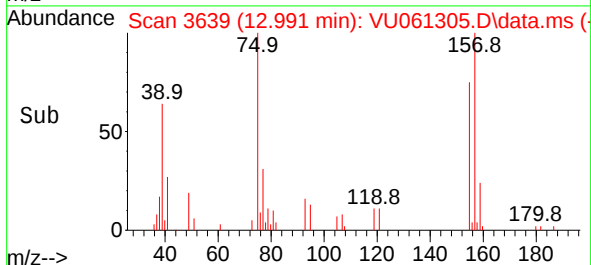
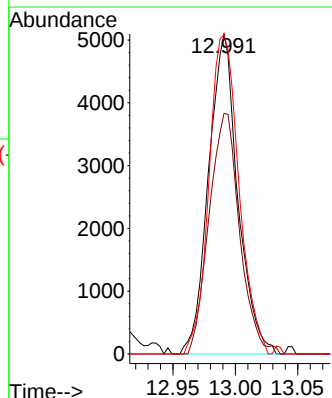
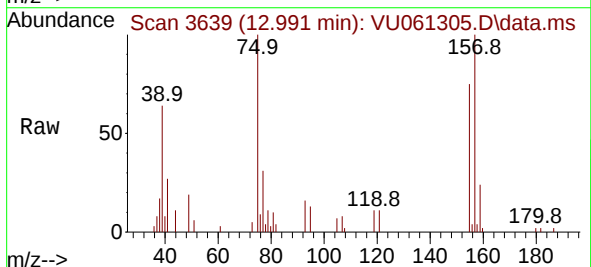
Tgt Ion: 75 Resp: 8313

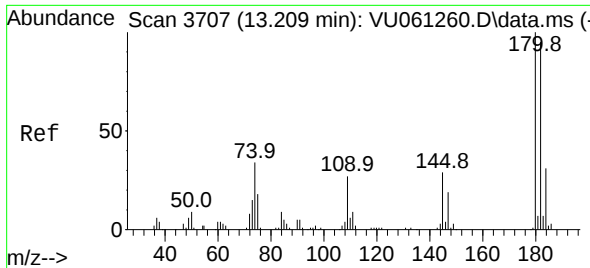
Ion Ratio Lower Upper

75 100

155 75.2 69.3 103.9

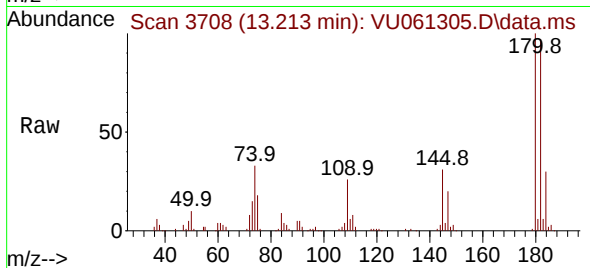
157 99.7 81.4 122.2



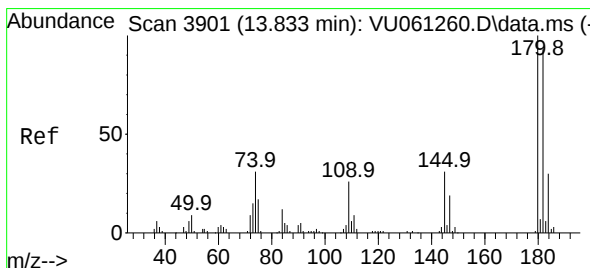
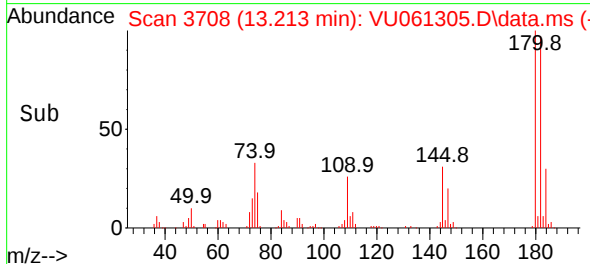
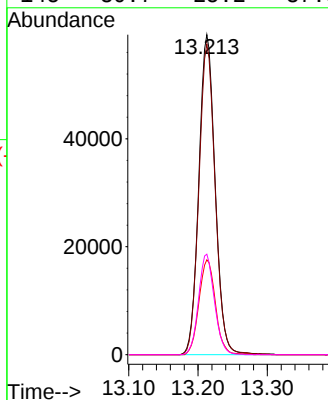


#69
1,3,5-Trichlorobenzene
Concen: 5.280 ug/L
RT: 13.213 min Scan# 3707
Delta R.T. 0.004 min
Lab File: VU061305.D
Acq: 31 Oct 2024 11:37

Instrument :
MSVOA_U
ClientSampleId :

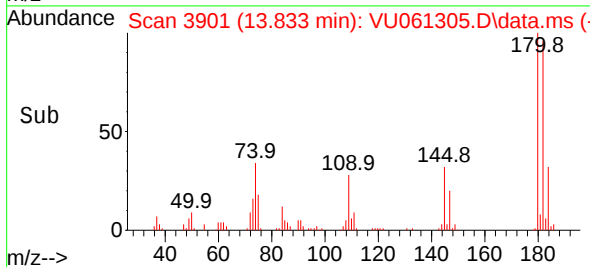
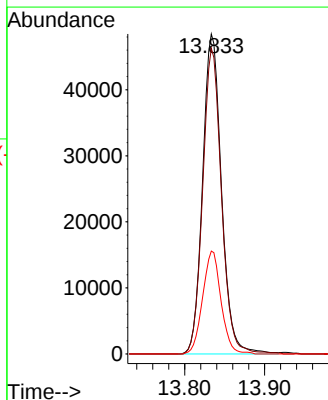
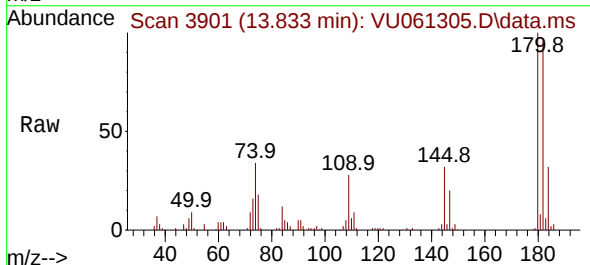


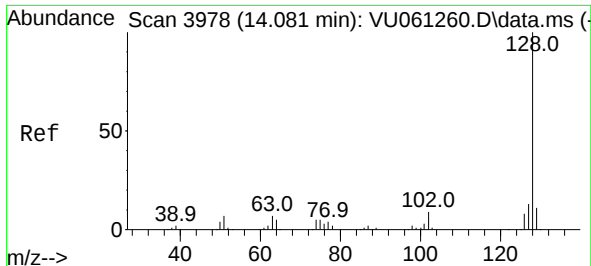
Tgt Ion:180 Resp: 96879
Ion Ratio Lower Upper
180 100
182 96.8 77.4 116.2
184 30.0 24.4 36.6
145 30.7 25.2 37.8



#70
1,2,4-trichlorobenzene
Concen: 5.386 ug/L
RT: 13.833 min Scan# 3901
Delta R.T. 0.000 min
Lab File: VU061305.D
Acq: 31 Oct 2024 11:37

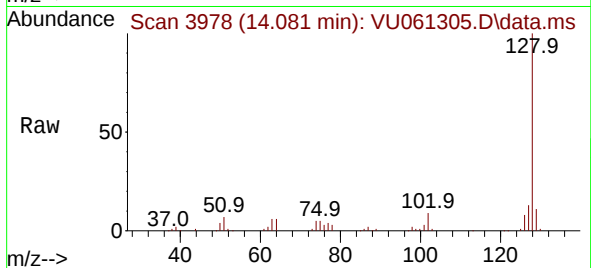
Tgt Ion:180 Resp: 79764
Ion Ratio Lower Upper
180 100
182 94.8 77.2 115.8
145 31.3 25.6 38.4



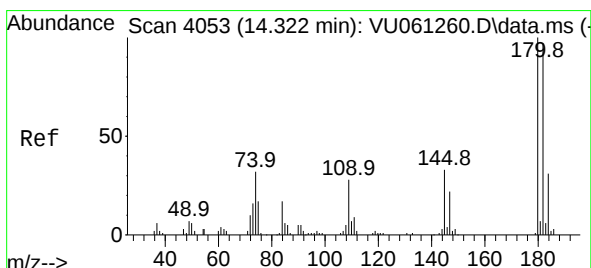
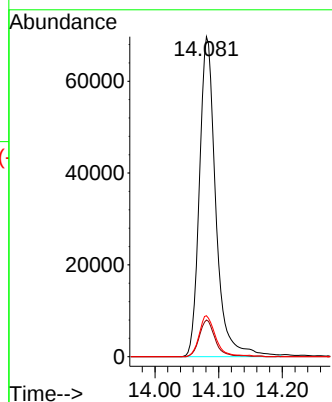
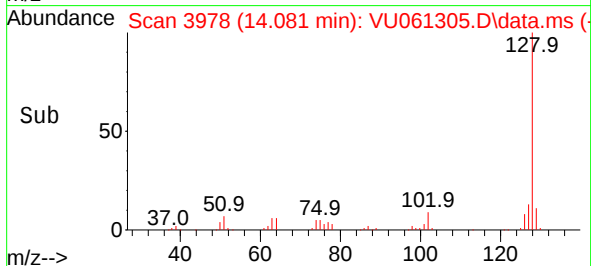


#71
Naphthalene
Concen: 5.349 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU061305.D
Acq: 31 Oct 2024 11:37

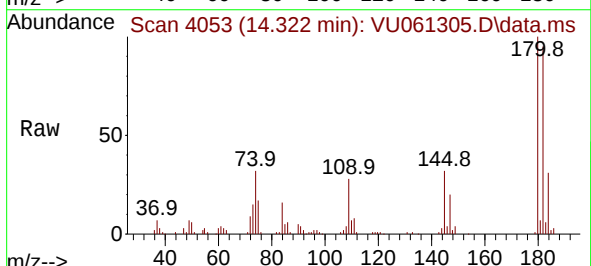
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 124982
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 12.8 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 5.341 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU061305.D
Acq: 31 Oct 2024 11:37



Tgt Ion:180 Resp: 66162
Ion Ratio Lower Upper
180 100
182 95.5 76.0 114.0
145 32.7 26.5 39.7

