

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082824\
 Data File : VU060561.D
 Acq On : 28 Aug 2024 17:35
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 29 05:48:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 29 05:46:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	175776	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	176341	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	89668	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	28687	3.695	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.000%
7) Chloroethane-d5	1.907	69	31459	2.674	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	53.400%#
11) 1,1-Dichloroethene-d2	2.557	65	13752	3.005	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.200%
20) 2-Butanone-d5	4.634	46	132501	49.630	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.260%
24) Chloroform-d	5.055	84	93954	4.245	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	5.698	65	47167	4.084	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
32) Benzene-d6	5.721	84	164335	4.262	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
36) 1,2-Dichloropropane-d6	6.682	67	55857	4.490	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.894	98	147469	4.076	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
43) trans-1,3-Dichloroprop...	8.177	79	19590	4.400	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.627	63	104631	49.086	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.180%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	54427	4.916	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	59478	4.499	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	86186	4.321	ug/L	99
3) Chloromethane	1.515	50	85092	4.923	ug/L	100
5) Vinyl chloride	1.599	62	87023	5.114	ug/L	96
6) Bromomethane	1.853	94	54907	3.206	ug/L	96
8) Chloroethane	1.930	64	49865	3.211	ug/L	99
9) Trichlorofluoromethane	2.132	101	121487	3.284	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	65678	4.196	ug/L	97
12) 1,1-Dichloroethene	2.573	96	63774	4.427	ug/L	83
13) Acetone	2.647	43	93894	42.030	ug/L	95
14) Carbon disulfide	2.785	76	198876	4.254	ug/L	99
15) Methyl Acetate	2.959	43	21566	4.721	ug/L	96
16) Methylene chloride	3.039	84	71192	5.088	ug/L	82
17) Methyl tert-butyl Ether	3.357	73	144220	4.933	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	63475	5.061	ug/L	93
19) 1,1-Dichloroethane	3.859	63	118683	4.670	ug/L	94
21) 2-Butanone	4.711	43	155564	50.920	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	70587	5.051	ug/L	94
23) Bromochloromethane	4.965	128	34444	5.423	ug/L	93
25) Chloroform	5.081	83	125980	4.684	ug/L	100

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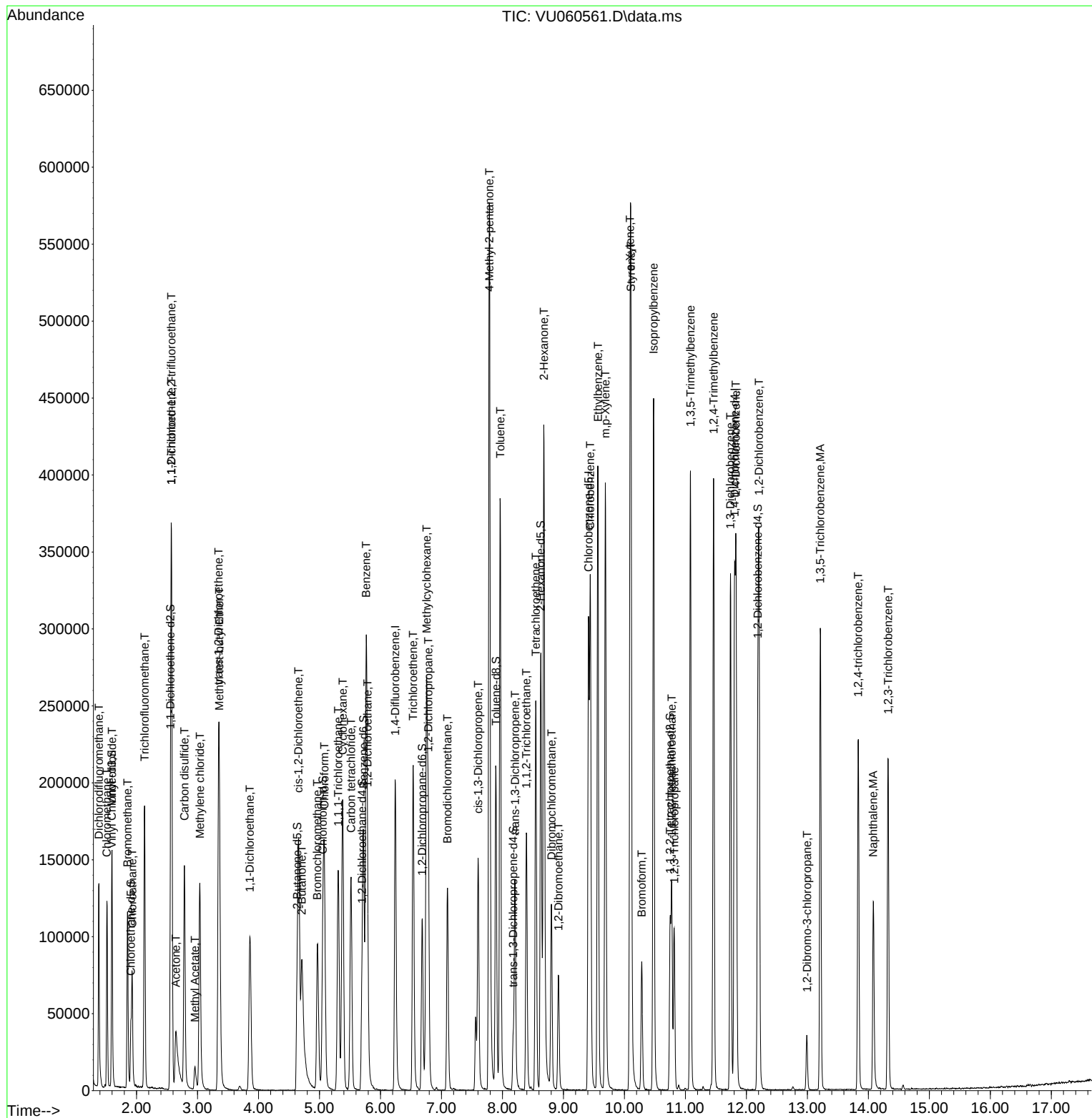
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	75819	4.200	ug/L	96
29) 1,1,1-Trichloroethane	5.309	97	109619	4.539	ug/L	96
30) Cyclohexane	5.380	56	88019	4.402	ug/L	96
31) Carbon tetrachloride	5.518	117	99563	4.460	ug/L	97
33) Benzene	5.766	78	272840	4.878	ug/L	100
34) Trichloroethene	6.537	95	76134	5.022	ug/L	98
35) Methylcyclohexane	6.756	83	98282	4.725	ug/L	95
37) 1,2-Dichloropropane	6.785	63	72169	5.036	ug/L	99
38) Bromodichloromethane	7.100	83	88976	4.725	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	98923	4.708	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	370029	49.577	ug/L	95
42) Toluene	7.965	91	294705	4.986	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	83041	4.814	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	55766	5.372	ug/L	94
47) Tetrachloroethene	8.547	164	59037	4.751	ug/L	97
48) 2-Hexanone	8.679	43	276980	49.587	ug/L	96
49) Dibromochloromethane	8.804	129	63665	5.297	ug/L	100
50) 1,2-Dibromoethane	8.920	107	52086	5.465	ug/L	97
51) Chlorobenzene	9.441	112	186542	4.876	ug/L	98
52) Ethylbenzene	9.566	91	289316	4.619	ug/L	99
53) m,p-Xylene	9.688	106	115306	4.952	ug/L	100
54) o-Xylene	10.094	106	109504	4.594	ug/L	95
55) Styrene	10.110	104	192243	4.922	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	64596	4.873	ug/L	92
59) Bromoform	10.283	173	38700	5.252	ug/L	98
60) Isopropylbenzene	10.479	105	289821	4.838	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	47296	5.468	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	218225	4.888	ug/L	96
63) 1,2,4-Trimethylbenzene	11.463	105	221034	4.853	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	145830	4.974	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	141719	4.764	ug/L	96
67) 1,2-Dichlorobenzene	12.206	146	136413	4.960	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.994	75	9629	4.932	ug/L #	82
69) 1,3,5-Trichlorobenzene	13.212	180	102552	4.536	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	78265	4.291	ug/L	97
71) Naphthalene	14.081	128	109343	4.693	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	73696	4.828	ug/L	99

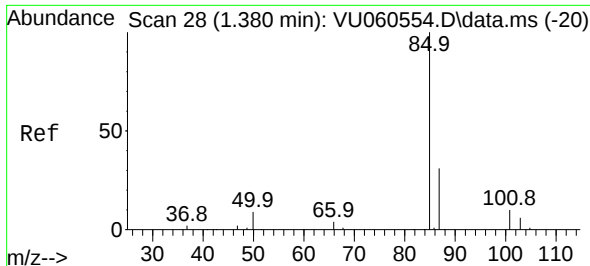
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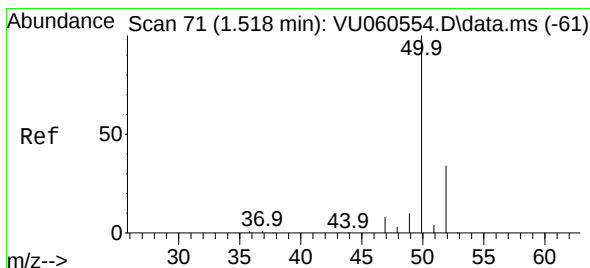
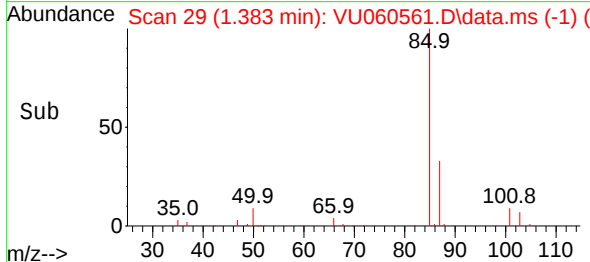
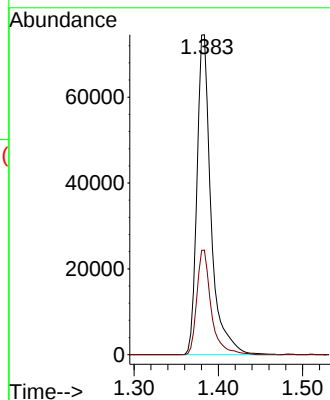
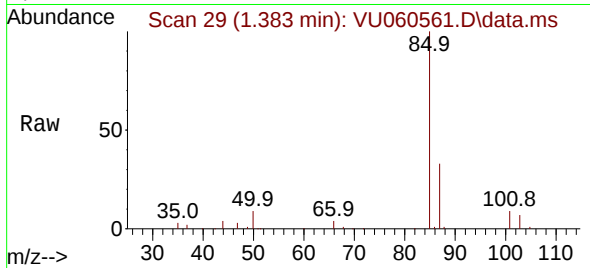




#2
Dichlorodifluoromethane
Concen: 4.321 ug/L
RT: 1.383 min Scan# 20
Delta R.T. 0.003 min
Lab File: VU060561.D
Acq: 28 Aug 2024 17:35

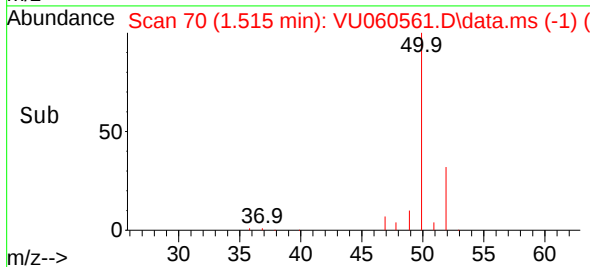
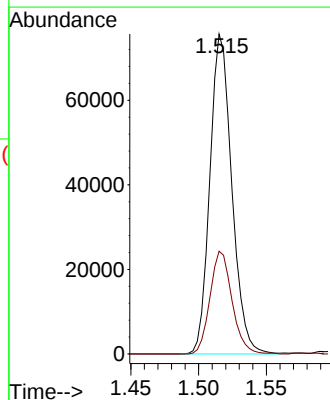
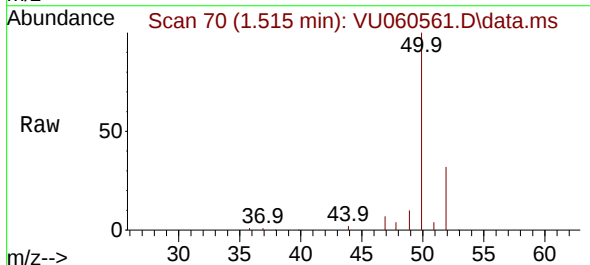
Instrument :
MSVOA_U
ClientSampleId :

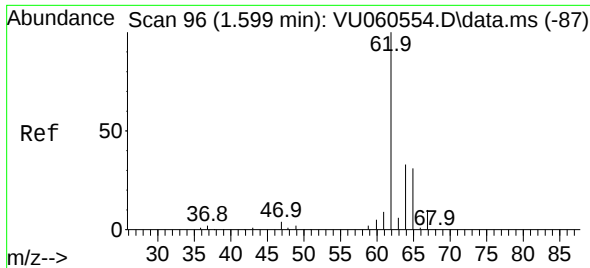
Tgt Ion: 85 Resp: 86186
Ion Ratio Lower Upper
85 100
87 33.3 26.2 39.4



#3
Chloromethane
Concen: 4.923 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU060561.D
Acq: 28 Aug 2024 17:35

Tgt Ion: 50 Resp: 85092
Ion Ratio Lower Upper
50 100
52 32.1 22.7 42.1

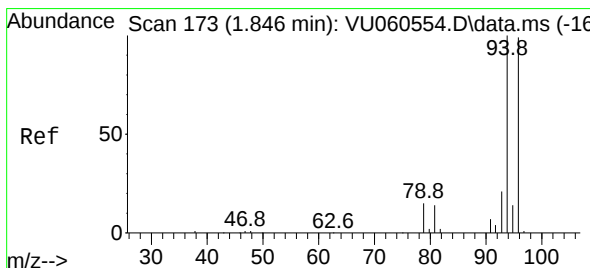
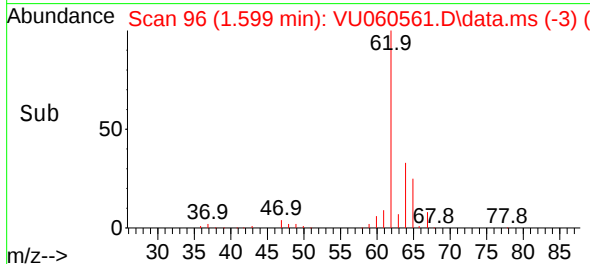
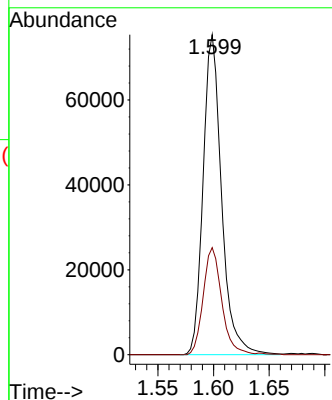
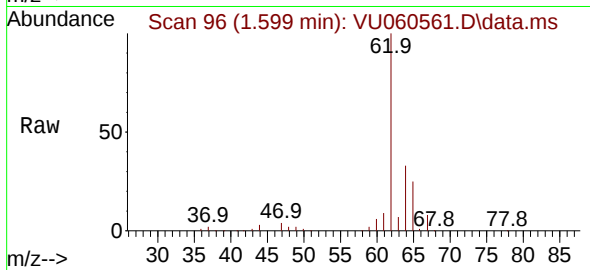




#5
 Vinyl chloride
 Concen: 5.114 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU060561.D
 Acq: 28 Aug 2024 17:35

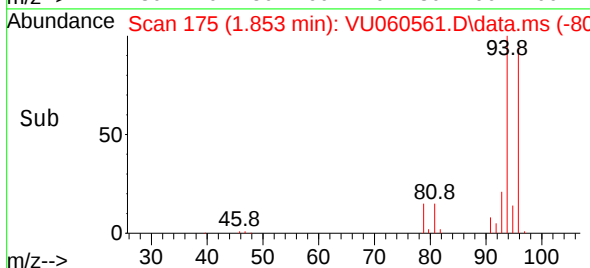
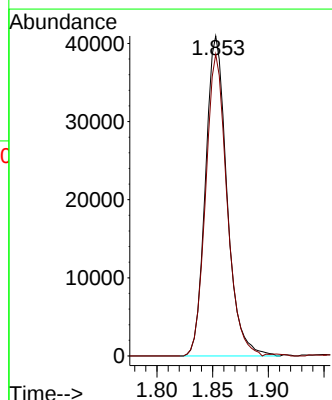
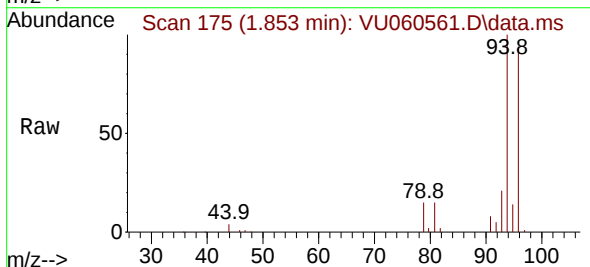
Instrument :
 MSVOA_U
 ClientSampleId :

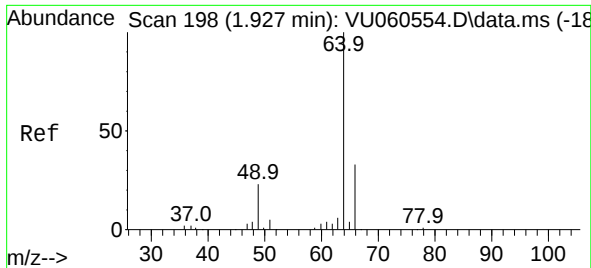
Tgt Ion: 62 Resp: 87023
 Ion Ratio Lower Upper
 62 100
 64 33.5 22.0 40.8



#6
 Bromomethane
 Concen: 3.206 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.007 min
 Lab File: VU060561.D
 Acq: 28 Aug 2024 17:35

Tgt Ion: 94 Resp: 54907
 Ion Ratio Lower Upper
 94 100
 96 94.3 63.3 117.5

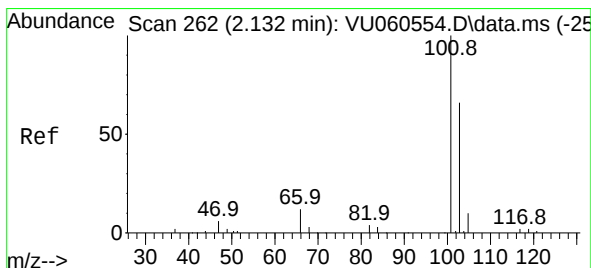
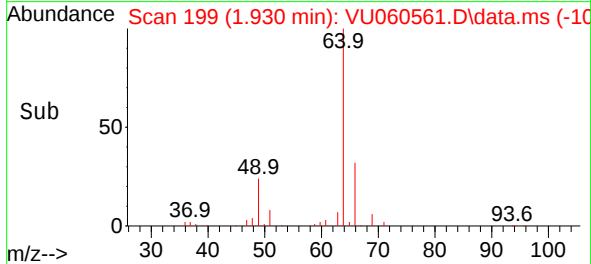
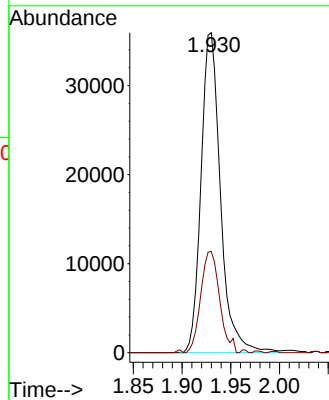
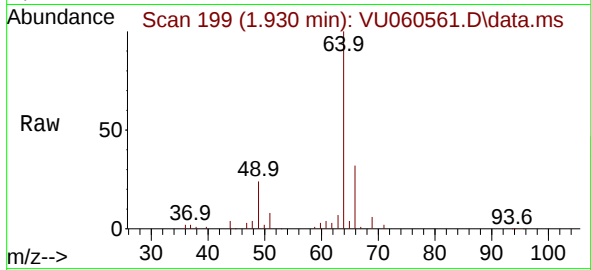




#8
Chloroethane
Concen: 3.211 ug/L
RT: 1.930 min Scan# 198
Delta R.T. 0.003 min
Lab File: VU060561.D
Acq: 28 Aug 2024 17:35

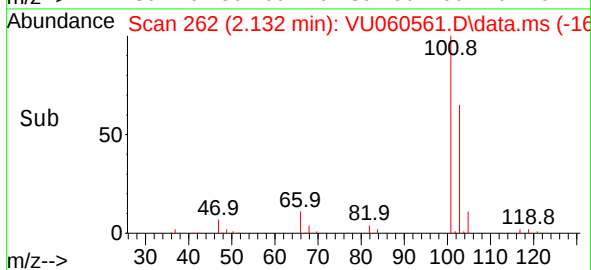
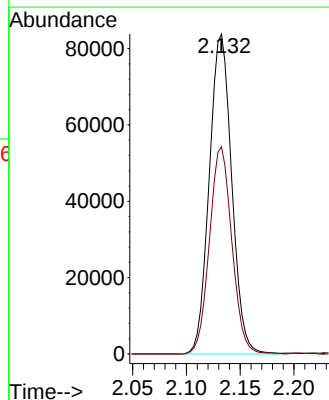
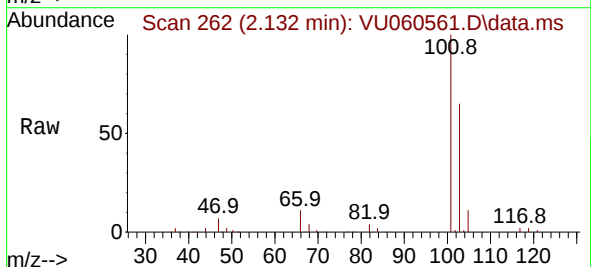
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MSVOA_U
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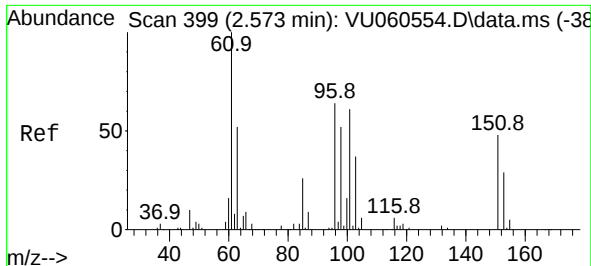
Tgt Ion: 64 Resp: 49865
Ion Ratio Lower Upper
64 100
66 31.7 22.5 41.9



#9
Trichlorofluoromethane
Concen: 3.284 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU060561.D
Acq: 28 Aug 2024 17:35

Tgt Ion:101 Resp: 121487
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.2

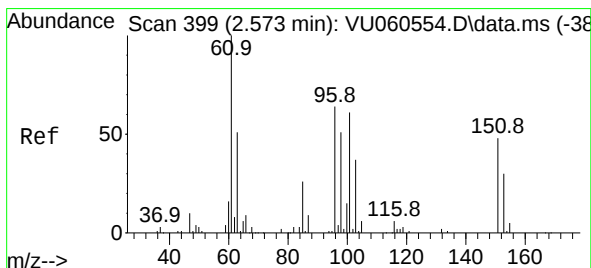
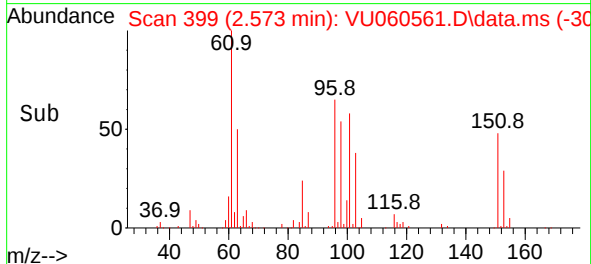
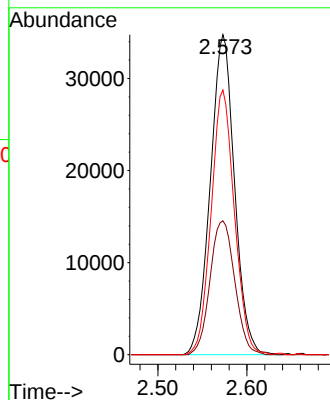
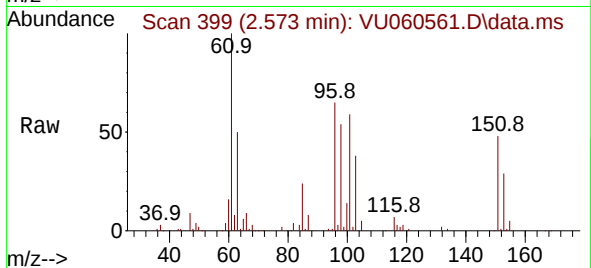




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.196 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU060561.D
 Acq: 28 Aug 2024 17:35

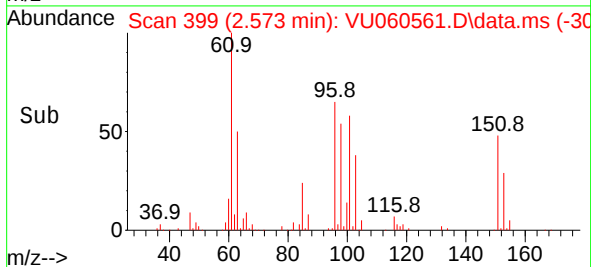
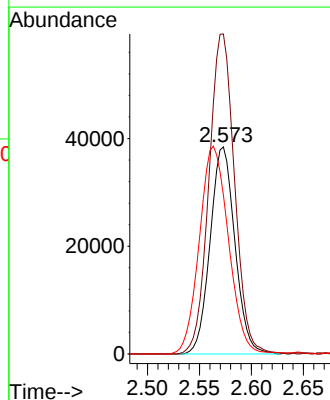
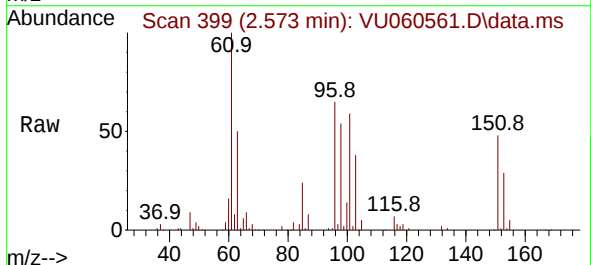
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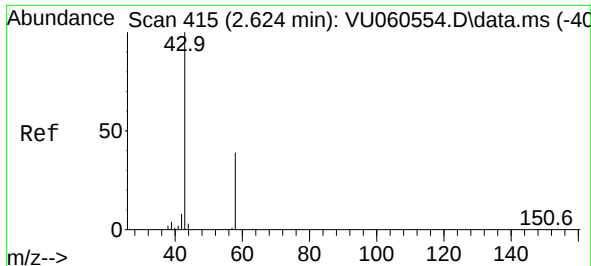
Tgt Ion:101 Resp: 65678
 Ion Ratio Lower Upper
 101 100
 85 42.7 35.8 53.6
 151 79.3 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 4.427 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU060561.D
 Acq: 28 Aug 2024 17:35

Tgt Ion: 96 Resp: 63774
 Ion Ratio Lower Upper
 96 100
 61 154.6 116.4 216.2
 63 76.8 74.8 139.0





#13

Acetone

Concen: 42.030 ug/L

RT: 2.647 min Scan# 415

Delta R.T. 0.023 min

Lab File: VU060561.D

Acq: 28 Aug 2024 17:35

Instrument :

MSVOA_U

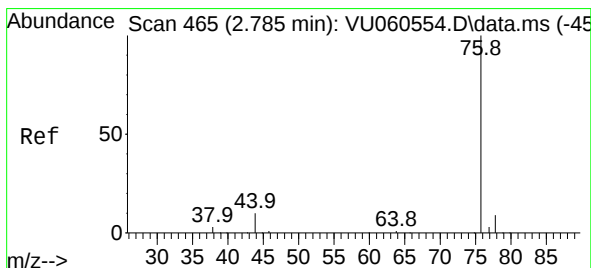
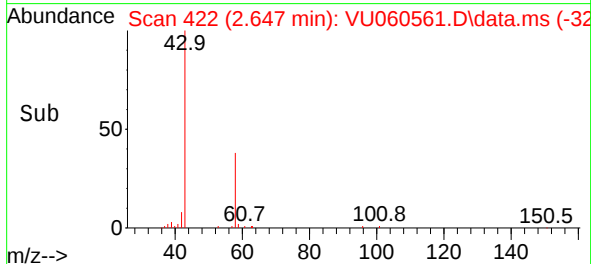
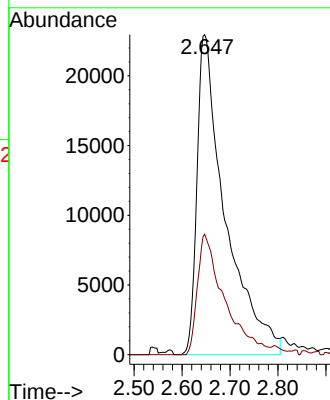
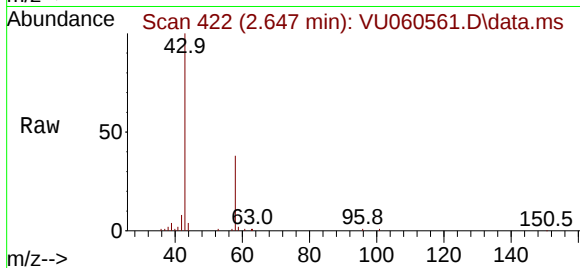
ClientSampleId :

Tgt Ion: 43 Resp: 93894

Ion Ratio Lower Upper

43 100

58 36.0 0.0 66.8



#14

Carbon disulfide

Concen: 4.254 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU060561.D

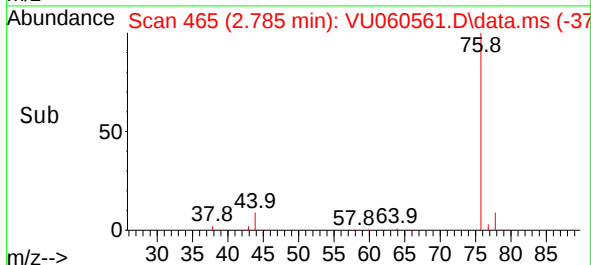
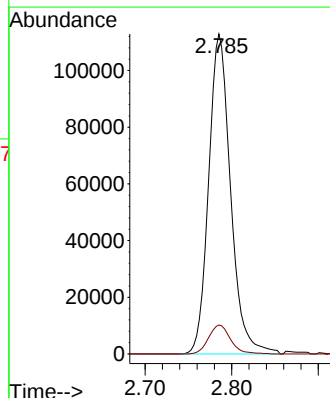
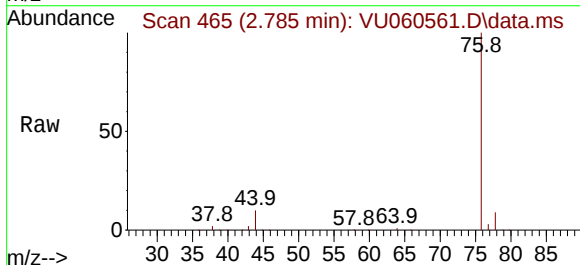
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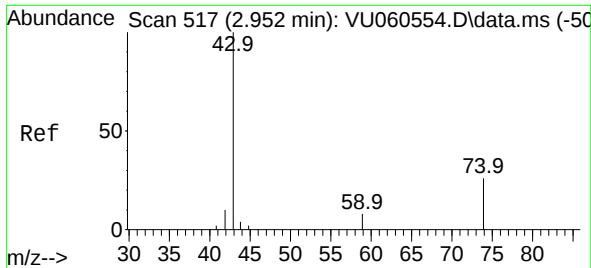
Tgt Ion: 76 Resp: 198876

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2





#15

Methyl Acetate

Concen: 4.721 ug/L

RT: 2.959 min Scan# 51

Delta R.T. 0.007 min

Lab File: VU060561.D

Acq: 28 Aug 2024 17:35

Instrument :

MSVOA_U

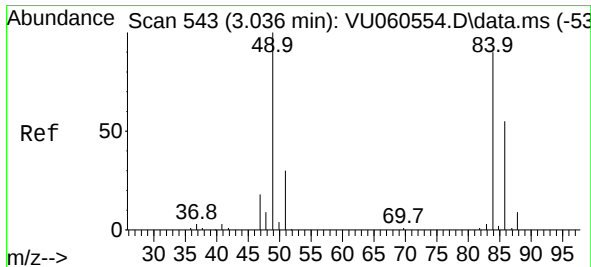
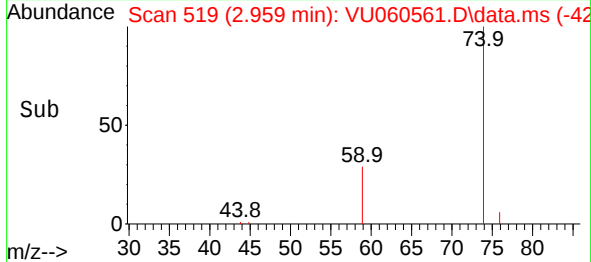
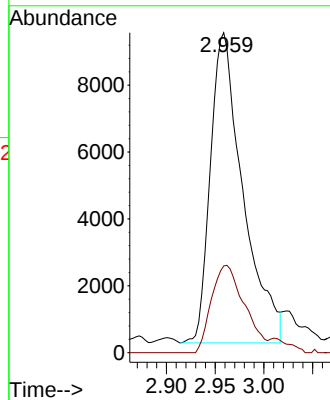
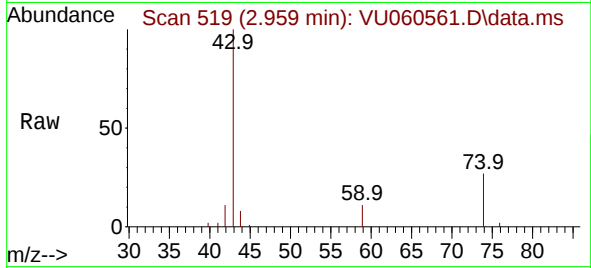
ClientSampleId :

Tgt Ion: 43 Resp: 21566

Ion Ratio Lower Upper

43 100

74 28.8 21.4 32.2



#16

Methylene chloride

Concen: 5.088 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.003 min

Lab File: VU060561.D

Acq: 28 Aug 2024 17:35

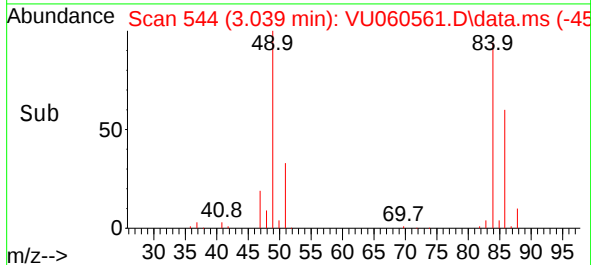
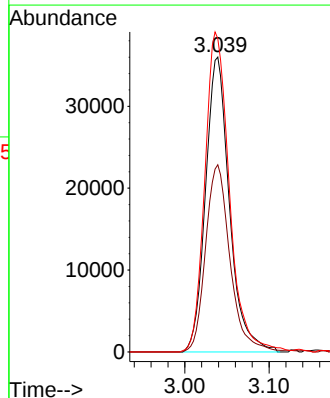
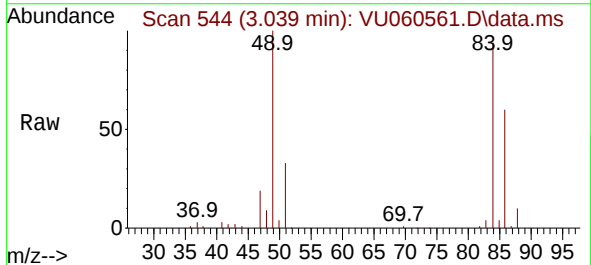
Tgt Ion: 84 Resp: 71192

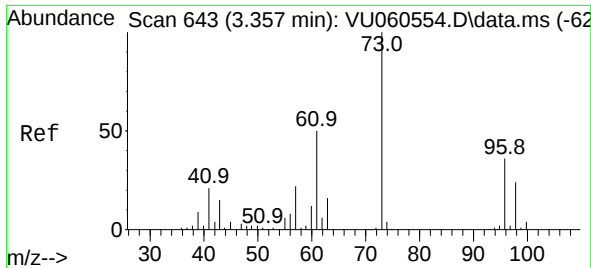
Ion Ratio Lower Upper

84 100

86 63.5 47.5 88.3

49 106.3 94.4 175.2

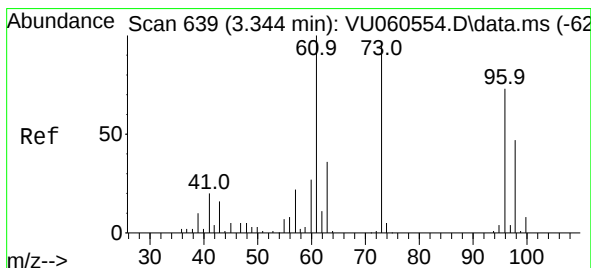
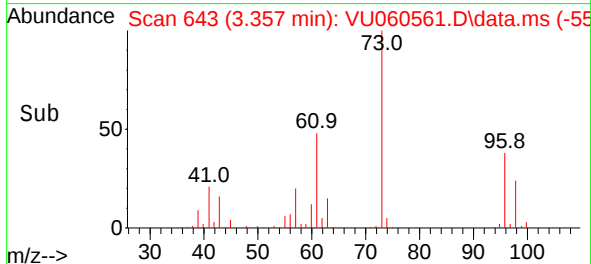
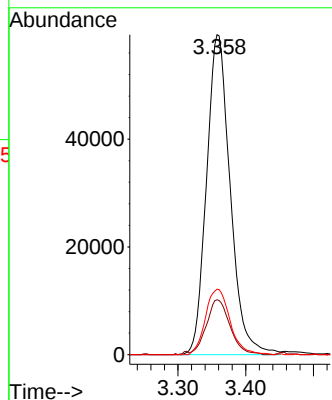
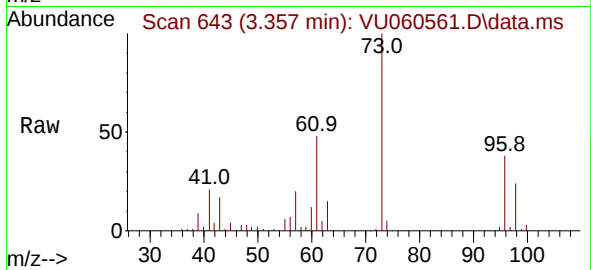




#17
Methyl tert-butyl Ether
Concen: 4.933 ug/L
RT: 3.357 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU060561.D
Acq: 28 Aug 2024 17:35

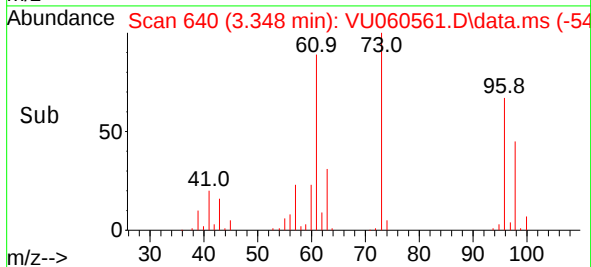
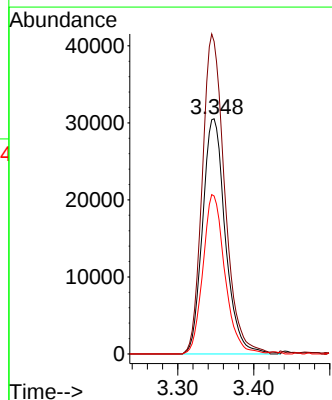
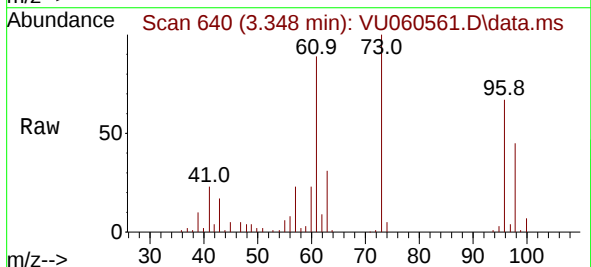
Instrument :
MSVOA_U
ClientSampleId :

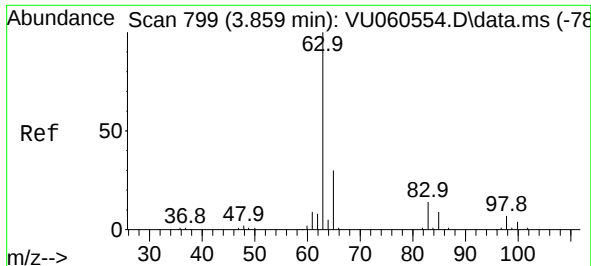
Tgt Ion: 73 Resp: 144220
Ion Ratio Lower Upper
73 100
43 17.1 15.8 23.6
57 21.3 16.8 25.2



#18
trans-1,2-Dichloroethene
Concen: 5.061 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU060561.D
Acq: 28 Aug 2024 17:35

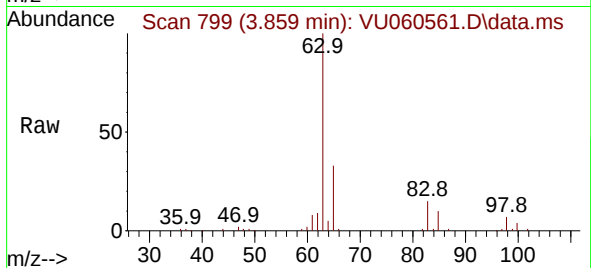
Tgt Ion: 96 Resp: 63475
Ion Ratio Lower Upper
96 100
61 132.8 99.2 184.2
98 67.1 44.0 81.8



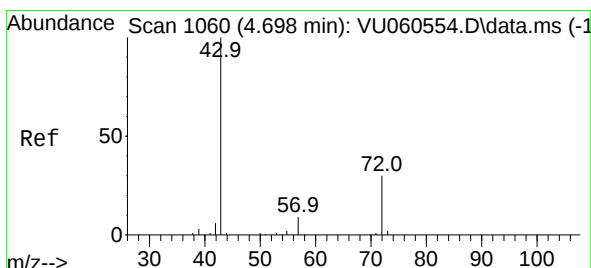
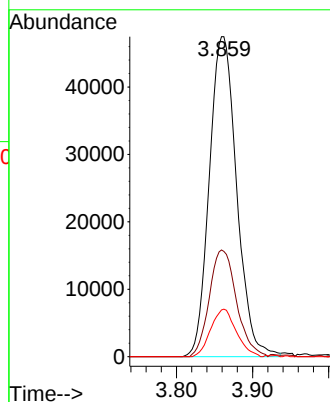
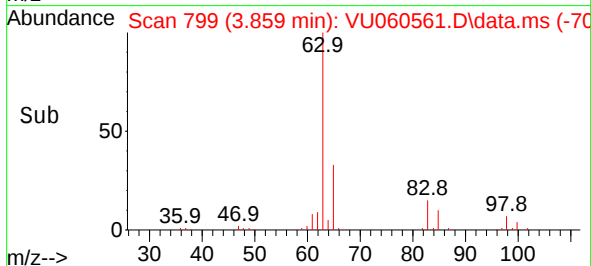


#19
1,1-Dichloroethane
Concen: 4.670 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU060561.D
Acq: 28 Aug 2024 17:35

Instrument :
MSVOA_U
ClientSampleId :

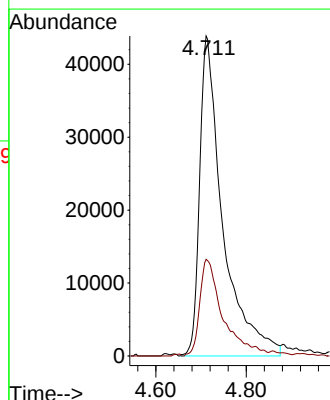
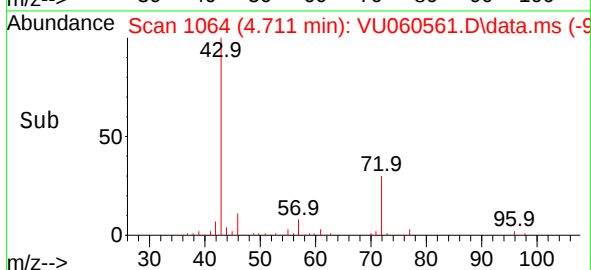
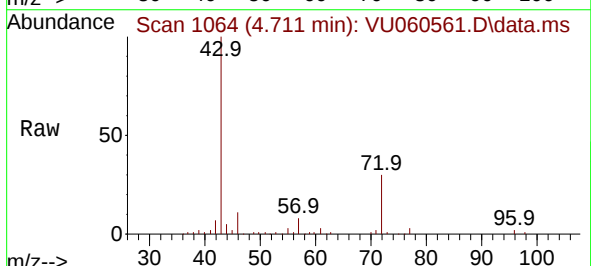


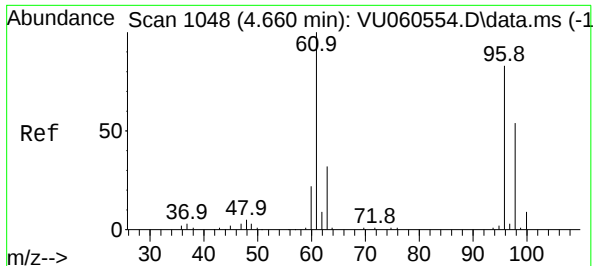
Tgt Ion: 63 Resp: 118683
Ion Ratio Lower Upper
63 100
65 33.4 20.5 38.1
83 14.6 9.2 17.2



#21
2-Butanone
Concen: 50.920 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. 0.013 min
Lab File: VU060561.D
Acq: 28 Aug 2024 17:35

Tgt Ion: 43 Resp: 155564
Ion Ratio Lower Upper
43 100
72 29.1 14.0 42.0

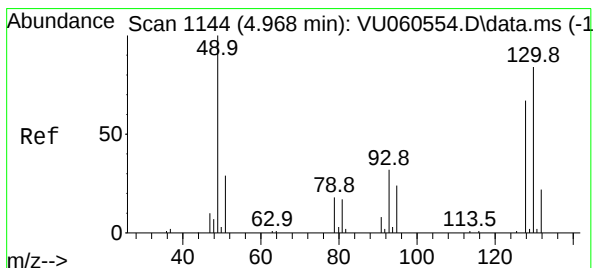
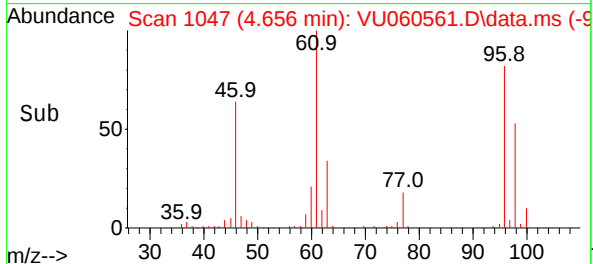
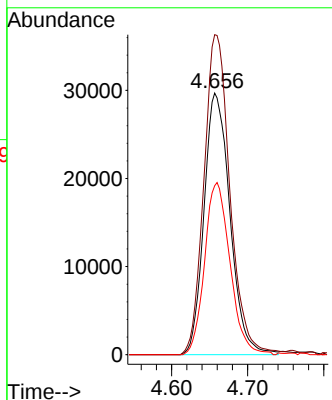
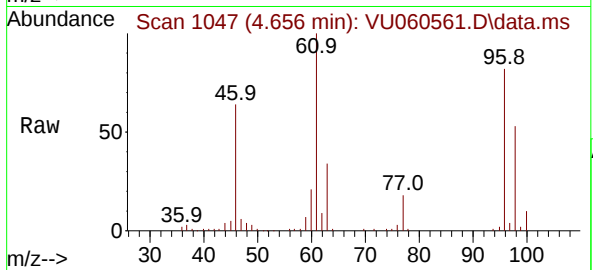




#22
cis-1,2-Dichloroethene
Concen: 5.051 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU060561.D
Acq: 28 Aug 2024 17:35

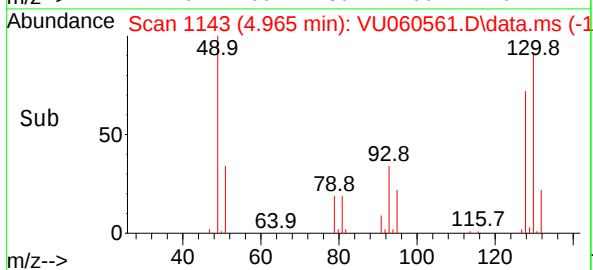
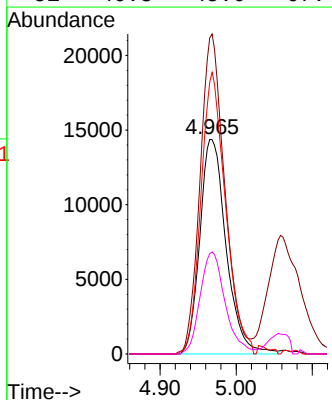
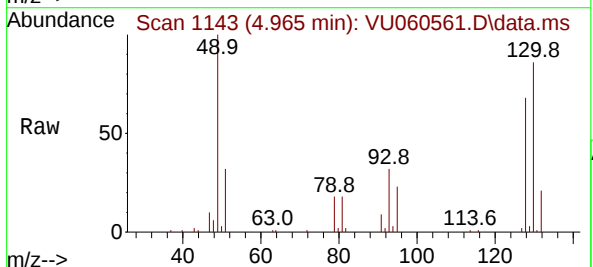
Instrument :
MSVOA_U
ClientSampleId :

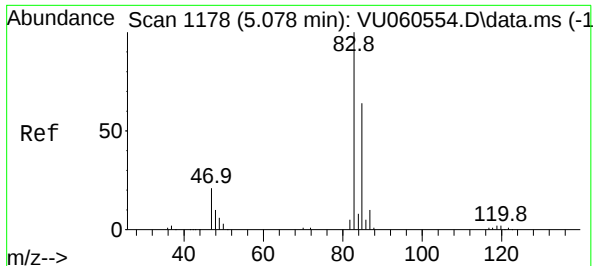
Tgt Ion: 96 Resp: 70587
Ion Ratio Lower Upper
96 100
61 122.3 92.9 172.5
98 64.6 45.0 83.6



#23
Bromochloromethane
Concen: 5.423 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.003 min
Lab File: VU060561.D
Acq: 28 Aug 2024 17:35

Tgt Ion:128 Resp: 34444
Ion Ratio Lower Upper
128 100
49 147.3 108.1 200.7
130 126.6 93.1 172.9
51 46.8 45.0 67.4





#25

Chloroform

Concen: 4.684 ug/L

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU060561.D

Acq: 28 Aug 2024 17:35

Instrument :

MSVOA_U

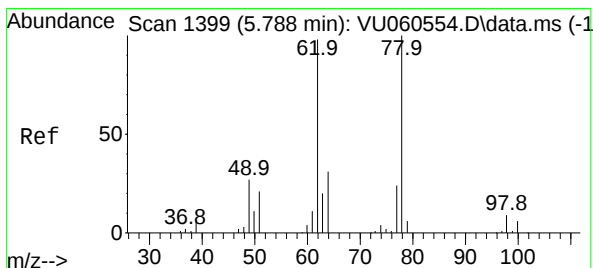
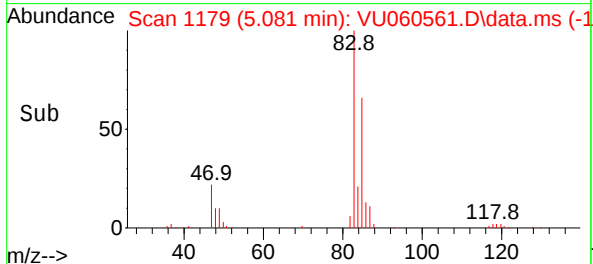
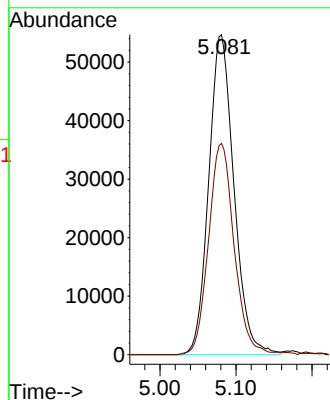
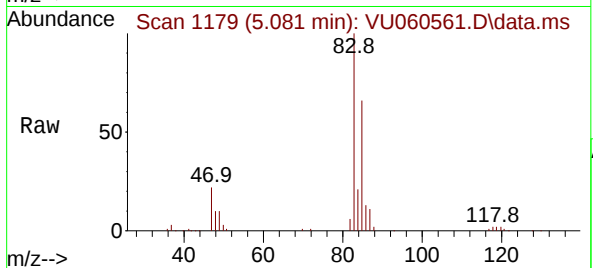
ClientSampleId :

Tgt Ion: 83 Resp: 125980

Ion Ratio Lower Upper

83 100

85 66.1 46.4 86.2



#27

1,2-Dichloroethane

Concen: 4.200 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU060561.D

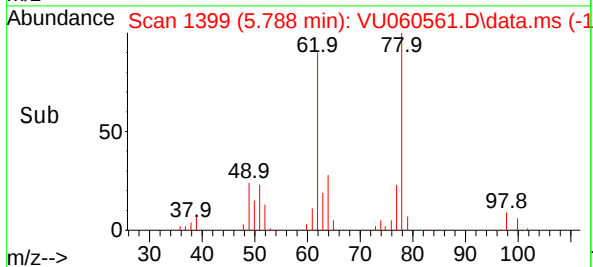
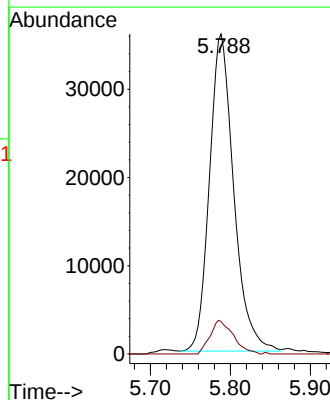
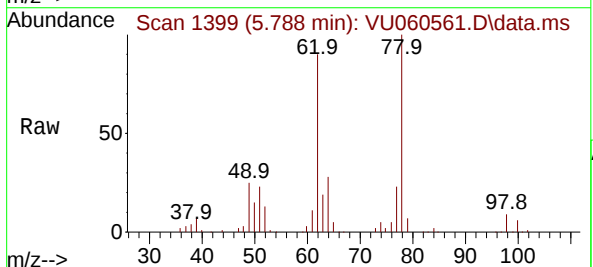
Acq: 28 Aug 2024 17:35

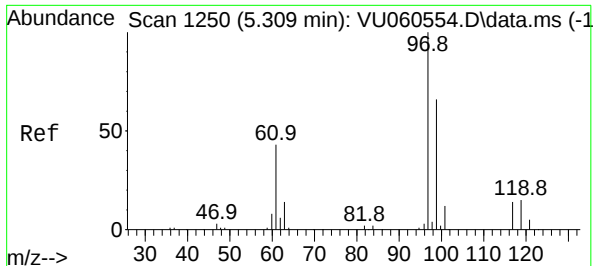
Tgt Ion: 62 Resp: 75819

Ion Ratio Lower Upper

62 100

98 10.2 7.0 10.4

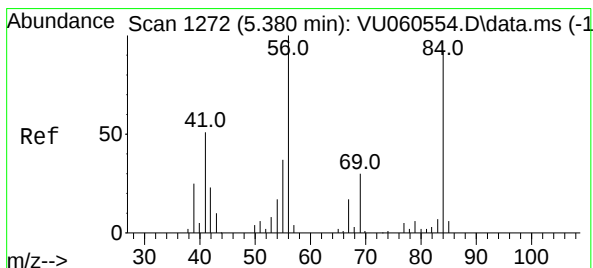
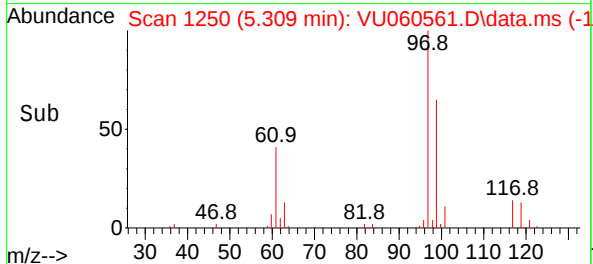
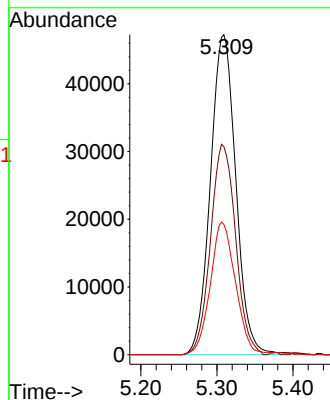
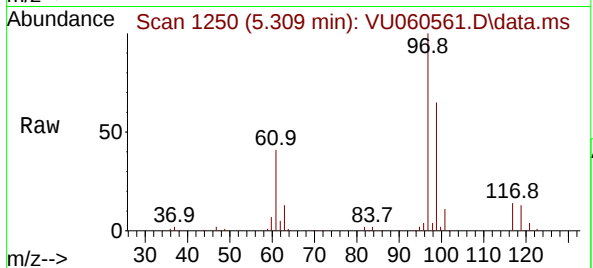




#29
1,1,1-Trichloroethane
Concen: 4.539 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU060561.D
Acq: 28 Aug 2024 17:35

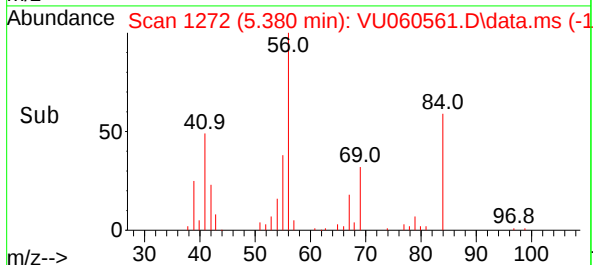
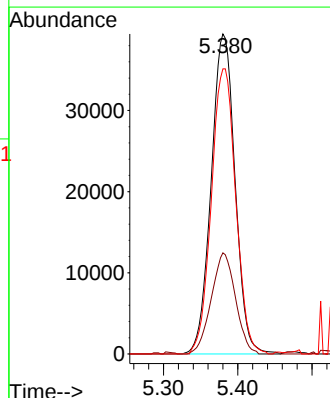
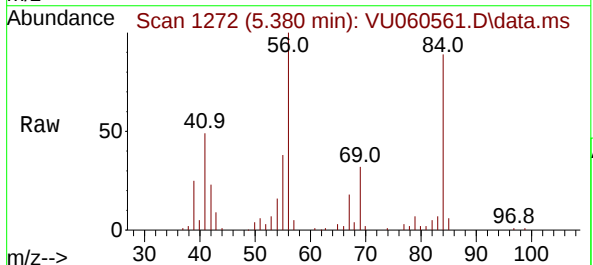
Instrument :
MSVOA_U
ClientSampleId :

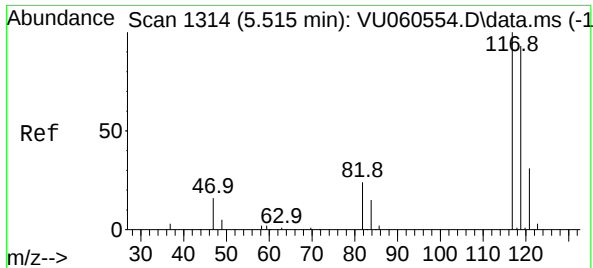
Tgt Ion: 97 Resp: 109619
Ion Ratio Lower Upper
97 100
99 65.1 49.7 74.5
61 41.0 35.4 53.2



#30
Cyclohexane
Concen: 4.402 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU060561.D
Acq: 28 Aug 2024 17:35

Tgt Ion: 56 Resp: 88019
Ion Ratio Lower Upper
56 100
69 32.1 24.2 36.2
84 91.1 69.7 104.5

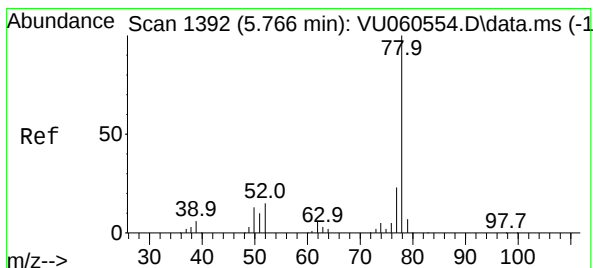
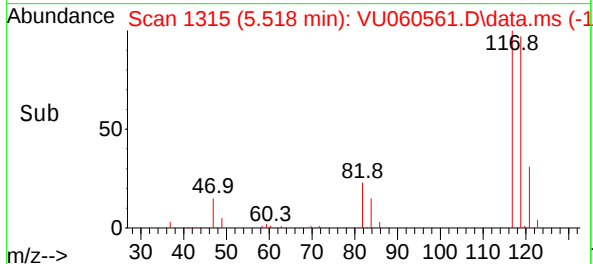
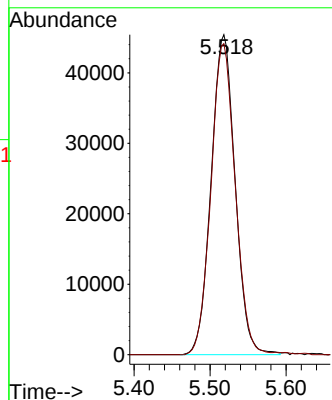
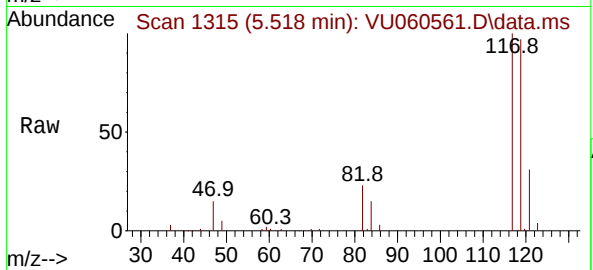




#31
Carbon tetrachloride
Concen: 4.460 ug/L
RT: 5.518 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU060561.D
Acq: 28 Aug 2024 17:35

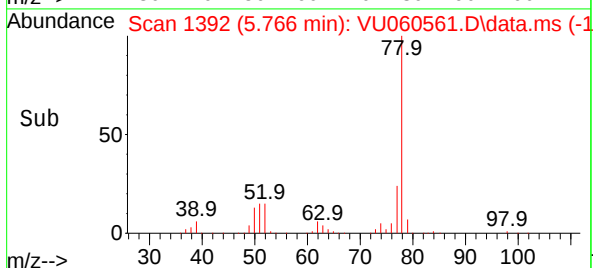
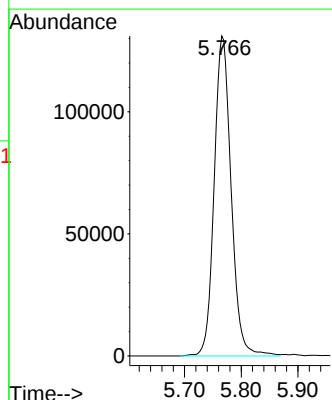
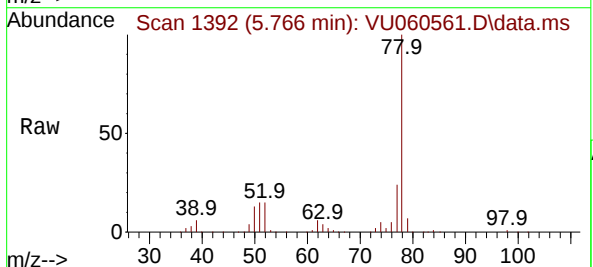
Instrument :
MSVOA_U
ClientSampleId :

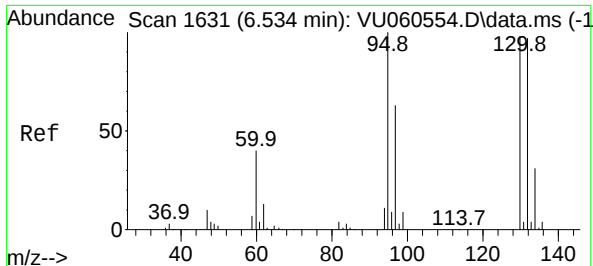
Tgt Ion:117 Resp: 99563
Ion Ratio Lower Upper
117 100
119 98.1 76.4 114.6



#33
Benzene
Concen: 4.878 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU060561.D
Acq: 28 Aug 2024 17:35

Tgt Ion: 78 Resp: 272840

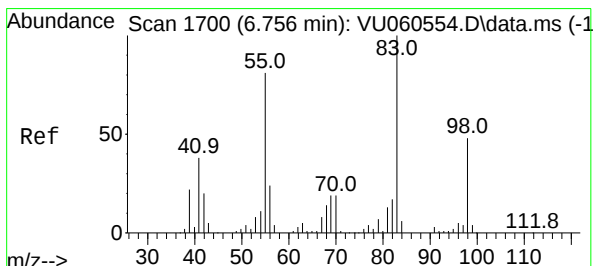
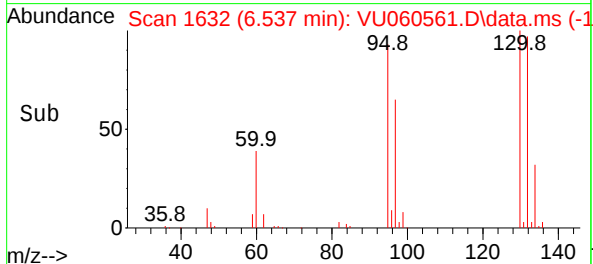
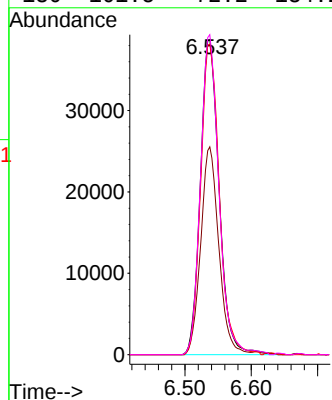
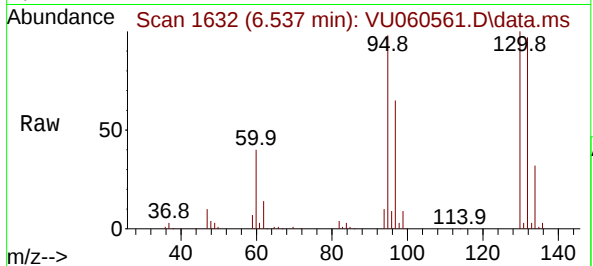




#34
Trichloroethene
Concen: 5.022 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU060561.D
Acq: 28 Aug 2024 17:35

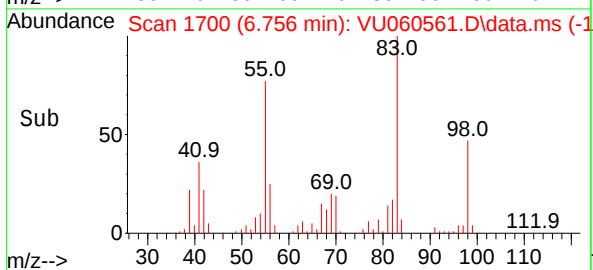
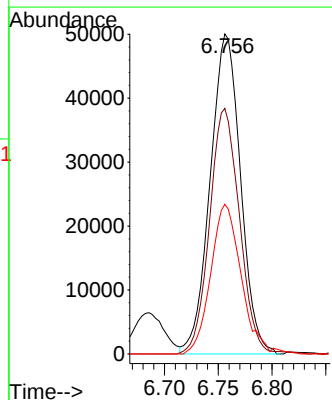
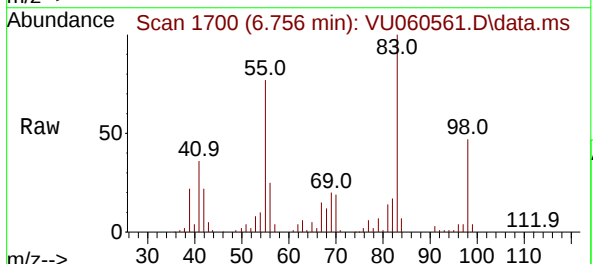
Instrument :
MSVOA_U
ClientSampleId :

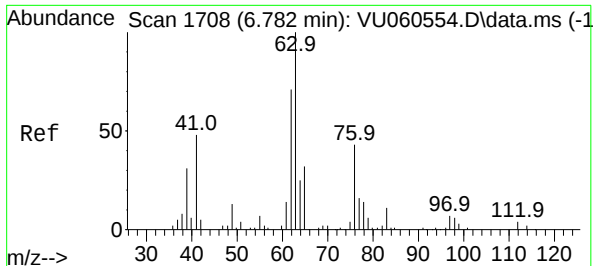
Tgt Ion: 95 Resp: 76134
Ion Ratio Lower Upper
95 100
97 66.0 45.8 85.2
132 98.6 67.4 125.2
130 101.5 72.2 134.2



#35
Methylcyclohexane
Concen: 4.725 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU060561.D
Acq: 28 Aug 2024 17:35

Tgt Ion: 83 Resp: 98282
Ion Ratio Lower Upper
83 100
55 75.6 65.8 98.8
98 47.0 37.8 56.8

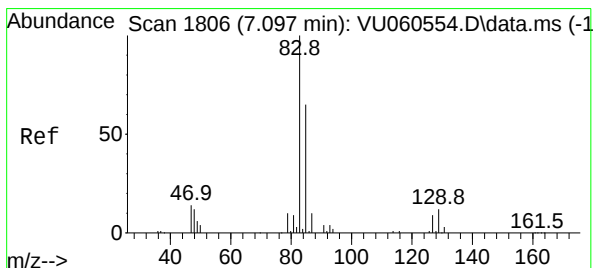
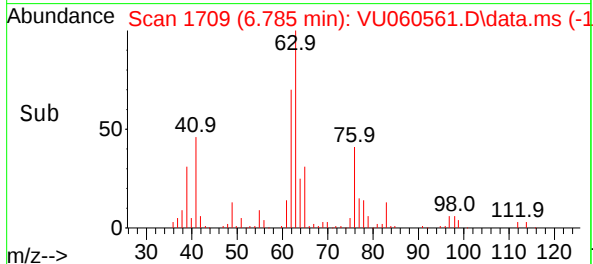
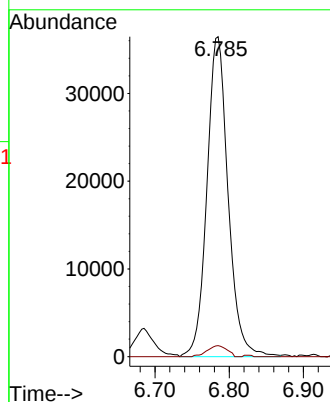
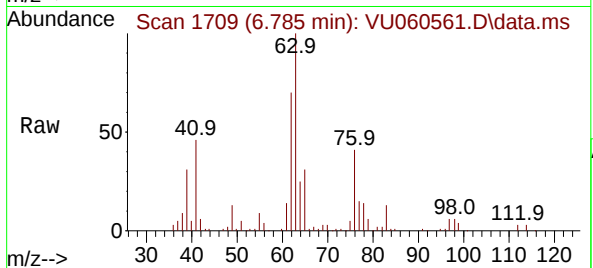




#37
1,2-Dichloropropane
Concen: 5.036 ug/L
RT: 6.785 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU060561.D
Acq: 28 Aug 2024 17:35

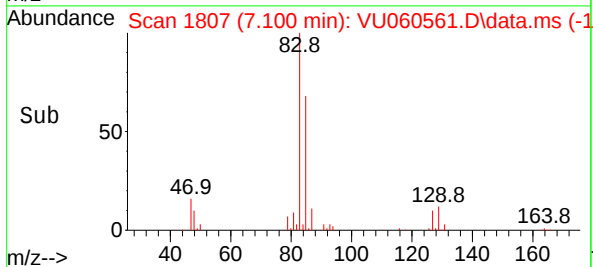
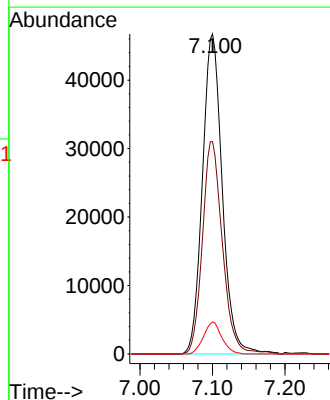
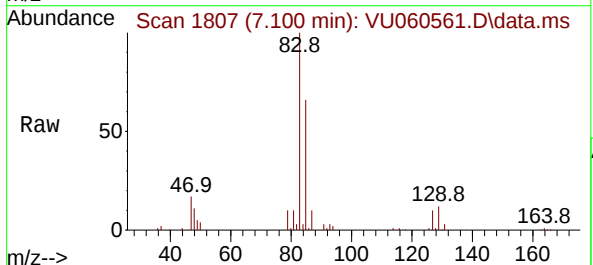
Instrument :
MSVOA_U
ClientSampleId :

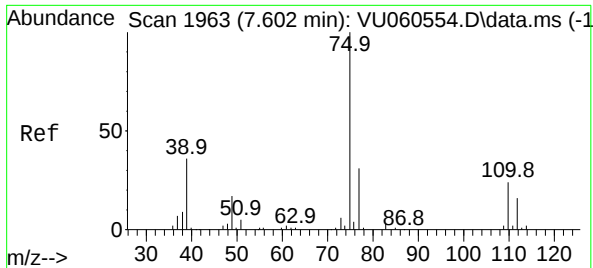
Tgt Ion: 63 Resp: 72169
Ion Ratio Lower Upper
63 100
112 3.2 2.3 3.5



#38
Bromodichloromethane
Concen: 4.725 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU060561.D
Acq: 28 Aug 2024 17:35

Tgt Ion: 83 Resp: 88976
Ion Ratio Lower Upper
83 100
85 66.3 44.9 83.5
127 10.0 7.3 10.9

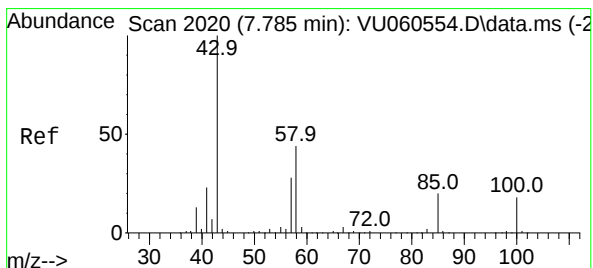
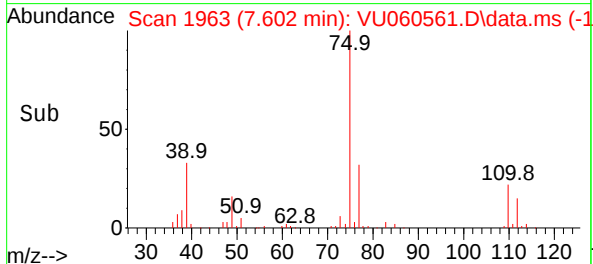
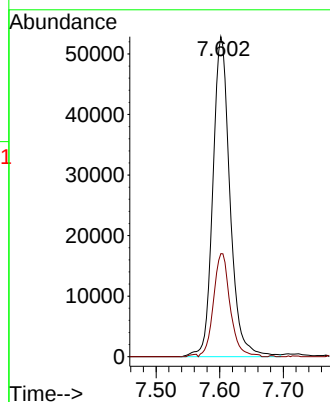
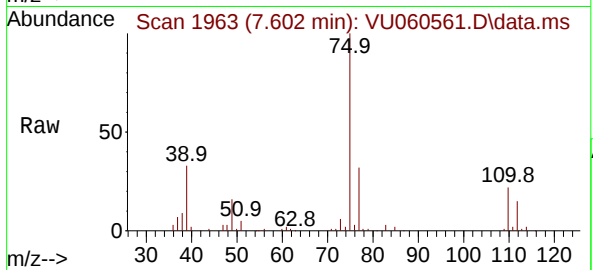




#39
 cis-1,3-Dichloropropene
 Concen: 4.708 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU060561.D
 Acq: 28 Aug 2024 17:35

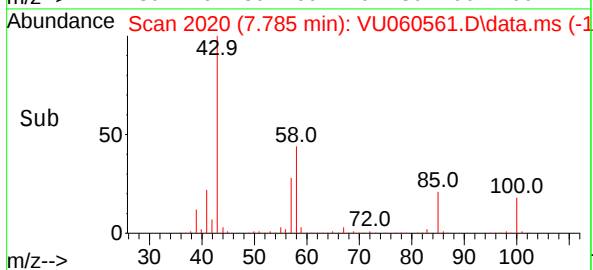
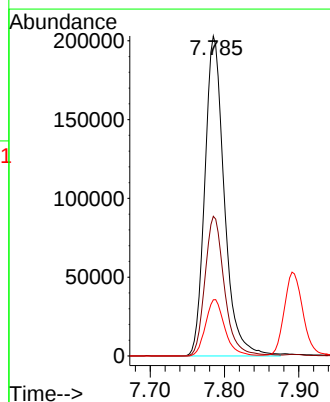
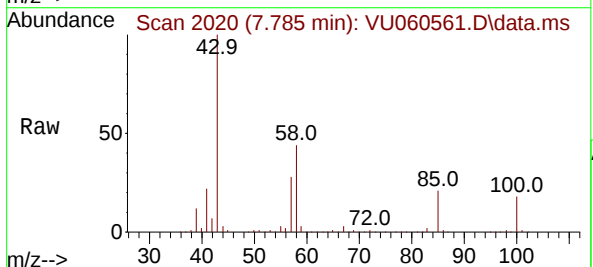
Instrument :
 MSVOA_U
 ClientSampleId :

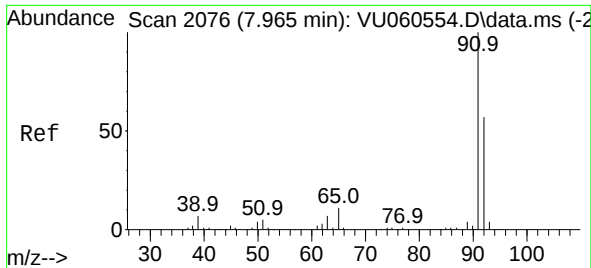
Tgt Ion: 75 Resp: 98923
 Ion Ratio Lower Upper
 75 100
 77 32.2 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 49.577 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.000 min
 Lab File: VU060561.D
 Acq: 28 Aug 2024 17:35

Tgt Ion: 43 Resp: 370029
 Ion Ratio Lower Upper
 43 100
 58 43.7 32.5 48.7
 100 17.4 12.5 18.7





#42

Toluene

Concen: 4.986 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU060561.D

Acq: 28 Aug 2024 17:35

Instrument :

MSVOA_U

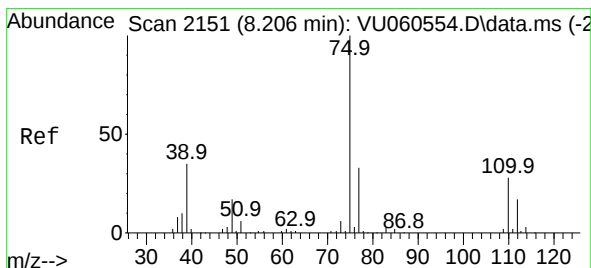
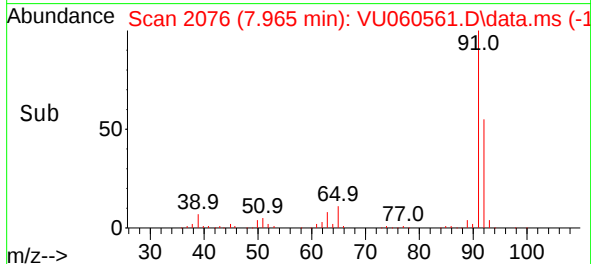
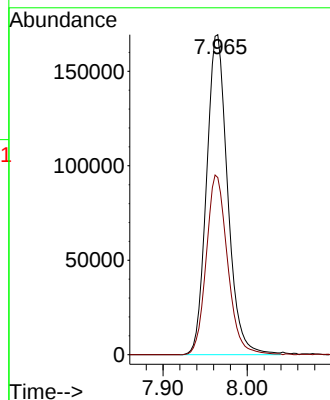
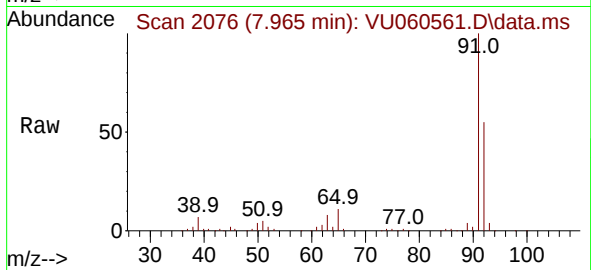
ClientSampleId :

Tgt Ion: 91 Resp: 294705

Ion Ratio Lower Upper

91 100

92 55.4 38.0 70.6



#44

trans-1,3-Dichloropropene

Concen: 4.814 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU060561.D

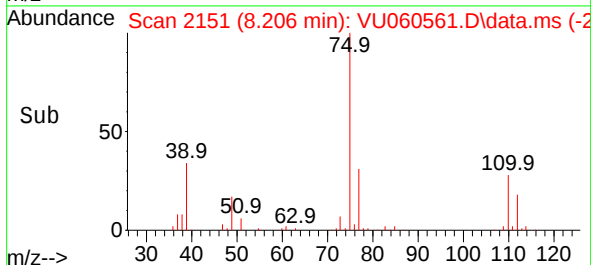
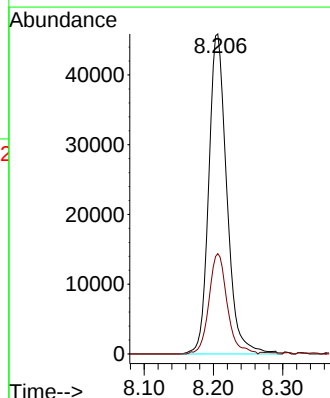
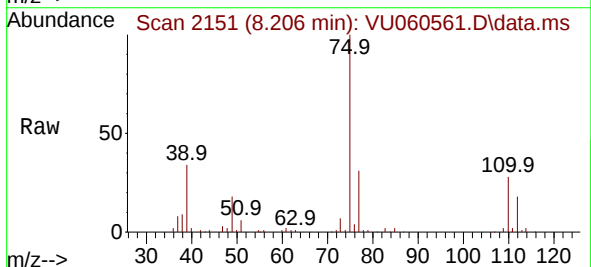
Acq: 28 Aug 2024 17:35

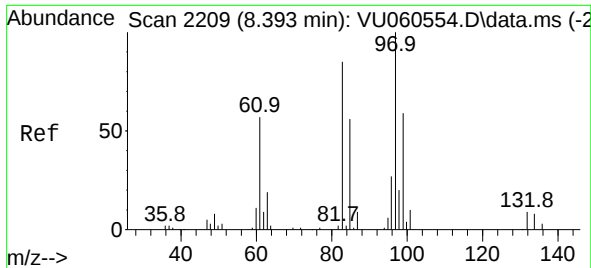
Tgt Ion: 75 Resp: 83041

Ion Ratio Lower Upper

75 100

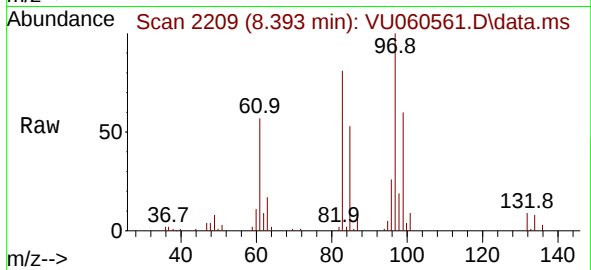
77 31.4 23.4 43.6



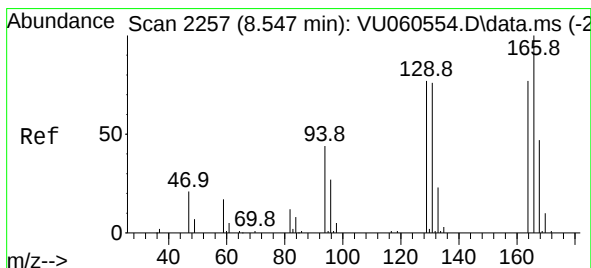
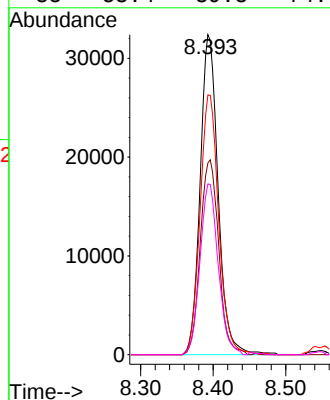
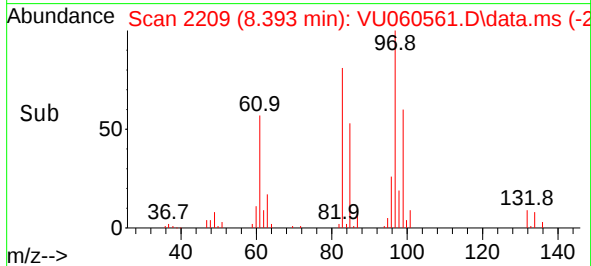


#45
1,1,2-Trichloroethane
Concen: 5.372 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU060561.D
Acq: 28 Aug 2024 17:35

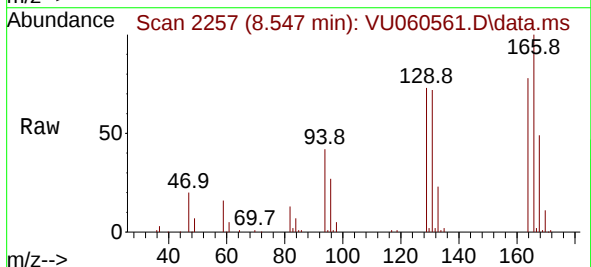
Instrument :
MSVOA_U
ClientSampleId :



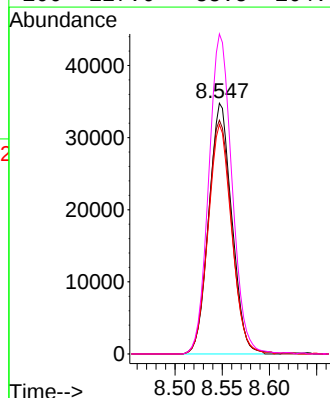
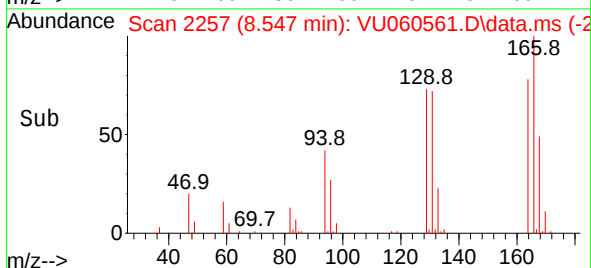
Tgt Ion:	97	Resp:	55766
Ion	Ratio	Lower	Upper
97	100		
99	59.9	42.4	78.8
83	81.1	64.0	119.0
85	53.4	39.8	74.0

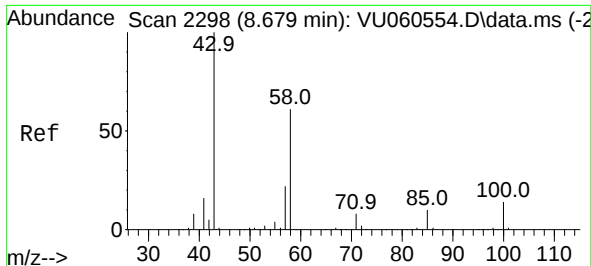


#47
Tetrachloroethene
Concen: 4.751 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU060561.D
Acq: 28 Aug 2024 17:35



Tgt Ion:	164	Resp:	59037
Ion	Ratio	Lower	Upper
164	100		
129	93.3	67.8	125.8
131	91.5	67.2	124.8
166	127.6	88.5	164.4





#48

2-Hexanone

Concen: 49.587 ug/L

RT: 8.679 min Scan# 2298

Delta R.T. 0.000 min

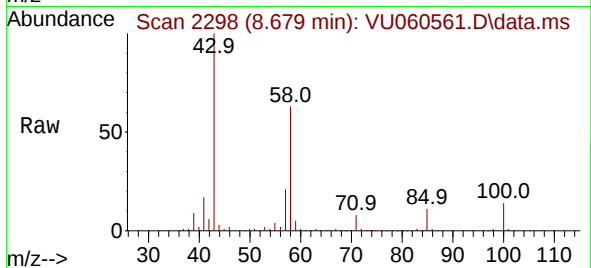
Lab File: VU060561.D

Acq: 28 Aug 2024 17:35

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 276980

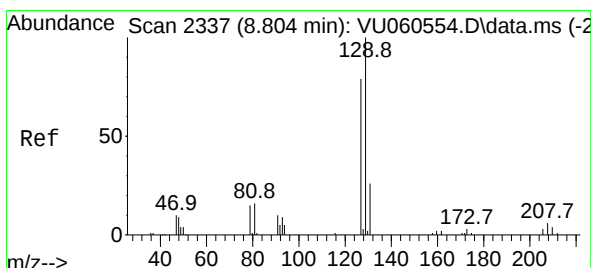
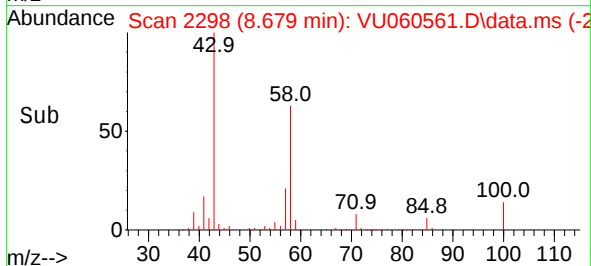
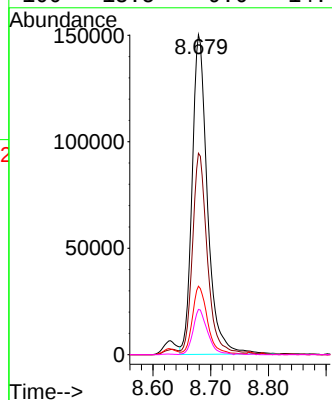
Ion Ratio Lower Upper

43 100

58 59.4 45.6 68.4

57 21.4 15.6 23.4

100 13.5 9.6 14.4



#49

Dibromochloromethane

Concen: 5.297 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VU060561.D

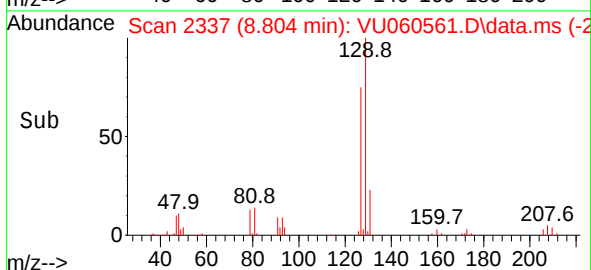
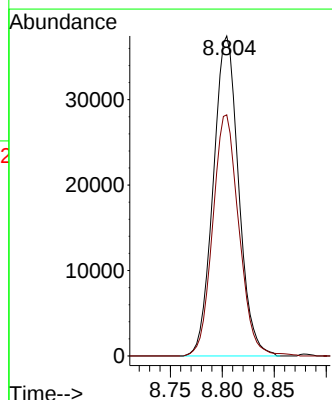
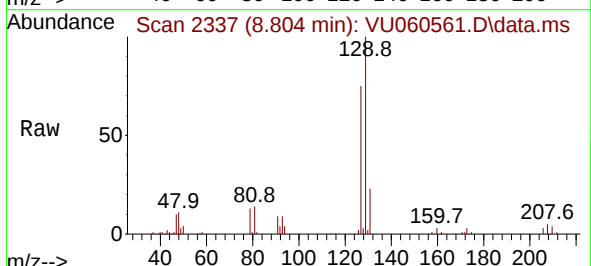
Acq: 28 Aug 2024 17:35

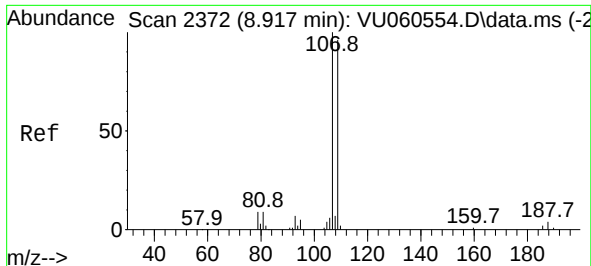
Tgt Ion: 129 Resp: 63665

Ion Ratio Lower Upper

129 100

127 75.4 53.0 98.4





#50

1,2-Dibromoethane

Concen: 5.465 ug/L

RT: 8.920 min Scan# 24

Delta R.T. 0.003 min

Lab File: VU060561.D

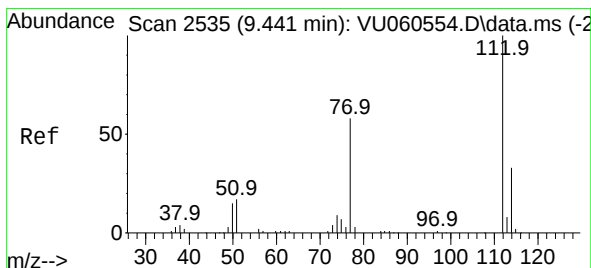
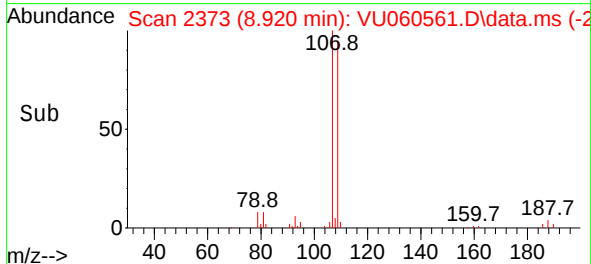
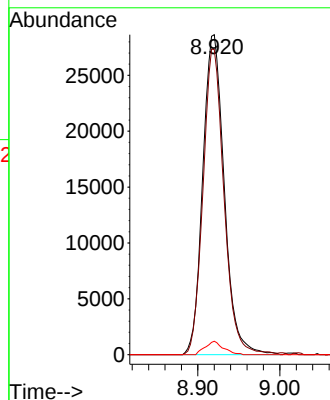
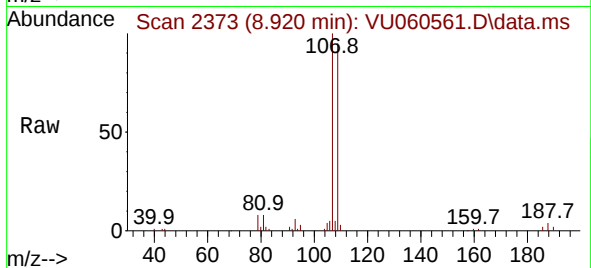
Acq: 28 Aug 2024 17:35

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	52086
Ion Ratio	Lower	Upper	
107	100		
109	95.4	68.5	127.3
188	4.2	3.9	5.9



#51

Chlorobenzene

Concen: 4.876 ug/L

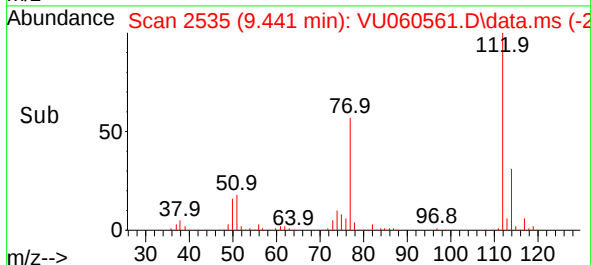
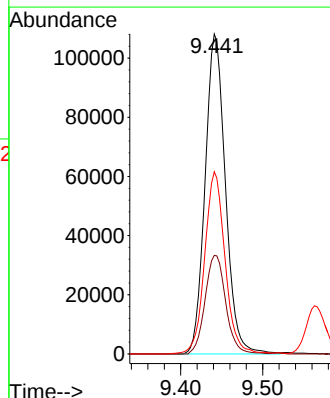
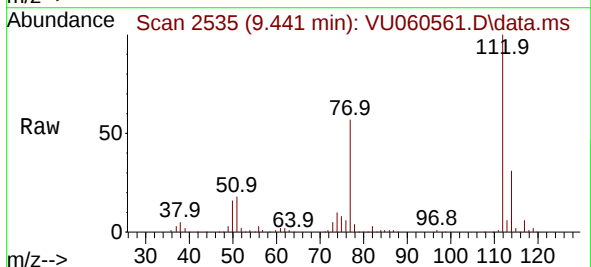
RT: 9.441 min Scan# 2535

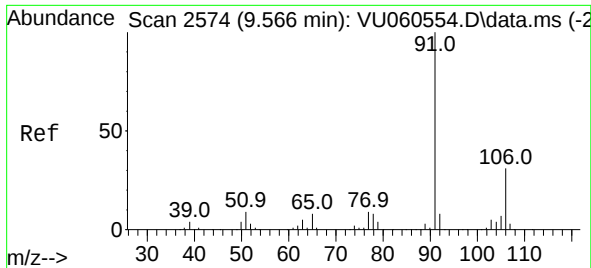
Delta R.T. 0.000 min

Lab File: VU060561.D

Acq: 28 Aug 2024 17:35

Tgt Ion:	112	Resp:	186542
Ion Ratio	Lower	Upper	
112	100		
114	30.8	21.9	40.7
77	56.9	47.4	71.2

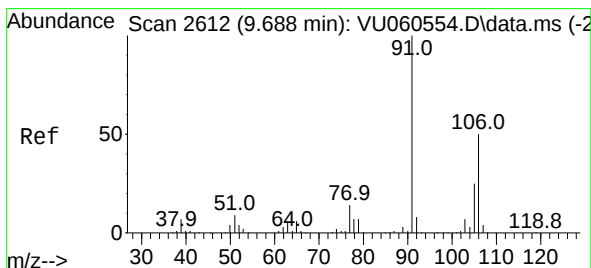
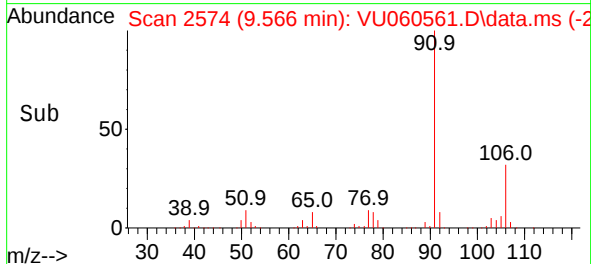
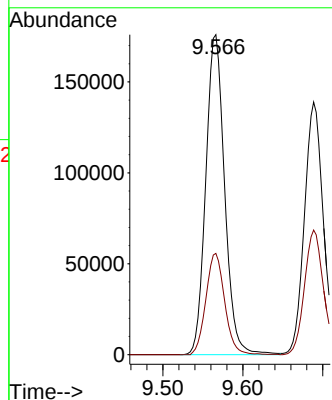
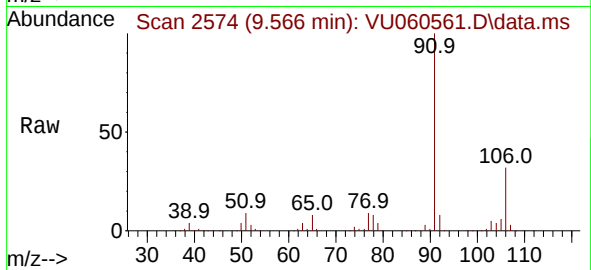




#52
Ethylbenzene
Concen: 4.619 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU060561.D
Acq: 28 Aug 2024 17:35

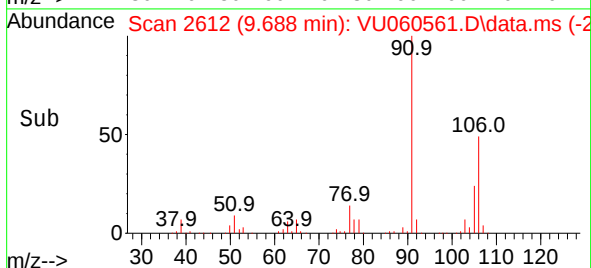
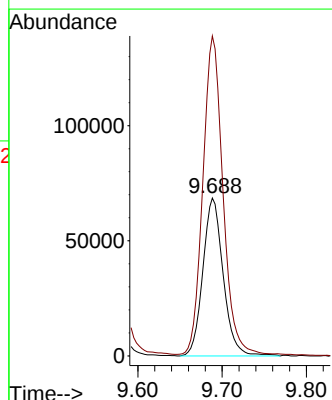
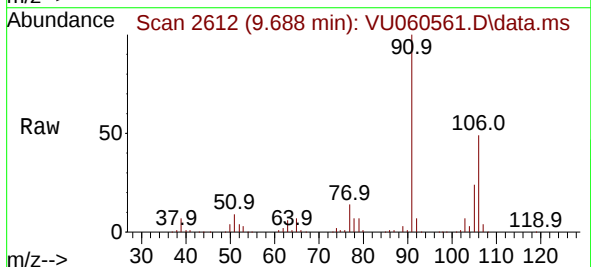
Instrument :
MSVOA_U
ClientSampleId :

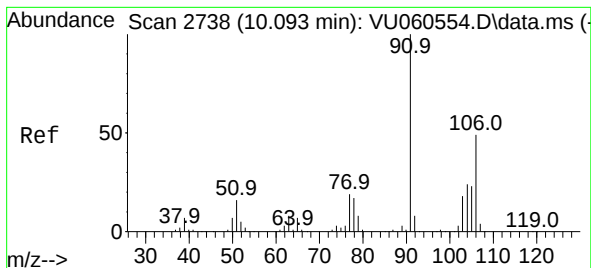
Tgt Ion: 91 Resp: 289316
Ion Ratio Lower Upper
91 100
106 31.7 21.9 40.7



#53
m,p-Xylene
Concen: 4.952 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU060561.D
Acq: 28 Aug 2024 17:35

Tgt Ion: 106 Resp: 115306
Ion Ratio Lower Upper
106 100
91 202.7 141.5 262.9





#54

o-Xylene

Concen: 4.594 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. 0.000 min

Lab File: VU060561.D

Acq: 28 Aug 2024 17:35

Instrument :

MSVOA_U

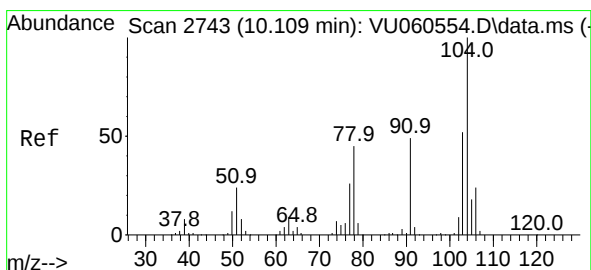
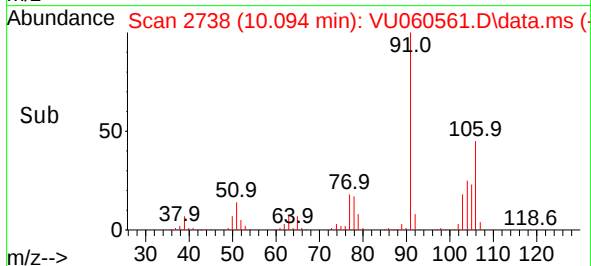
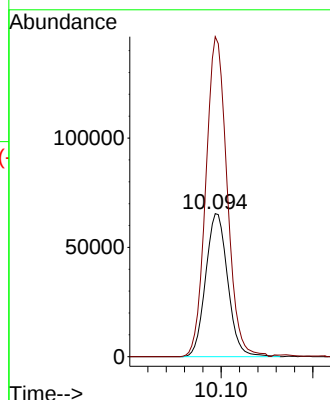
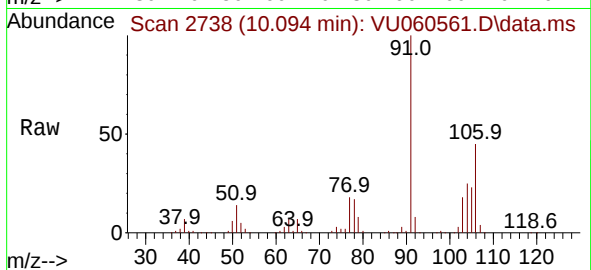
ClientSampleId :

Tgt Ion:106 Resp: 109504

Ion Ratio Lower Upper

106 100

91 223.6 151.1 280.7



#55

Styrene

Concen: 4.922 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. 0.000 min

Lab File: VU060561.D

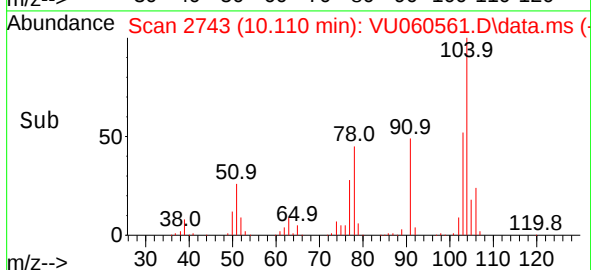
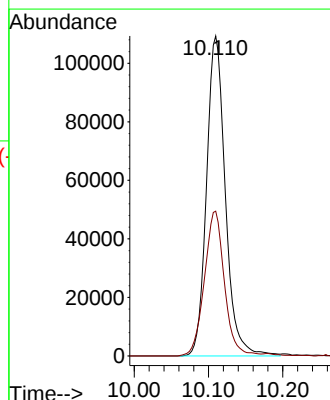
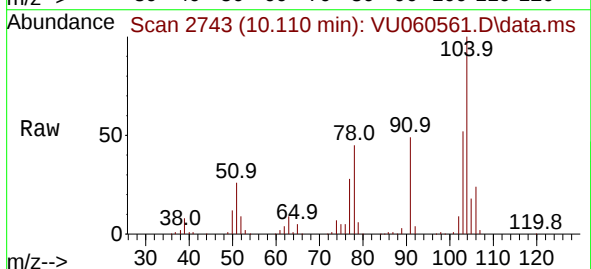
Acq: 28 Aug 2024 17:35

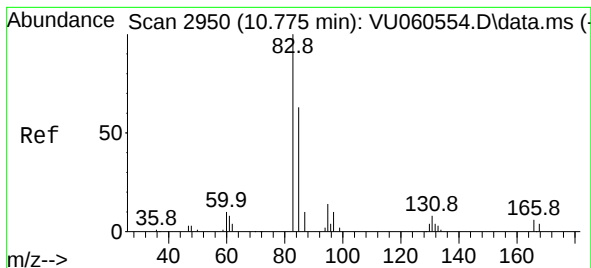
Tgt Ion:104 Resp: 192243

Ion Ratio Lower Upper

104 100

78 45.2 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 4.873 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU060561.D

Acq: 28 Aug 2024 17:35

Instrument :

MSVOA_U

ClientSampleId :

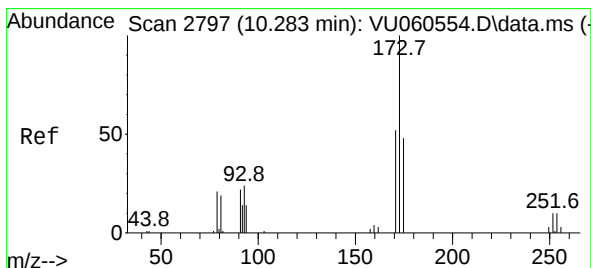
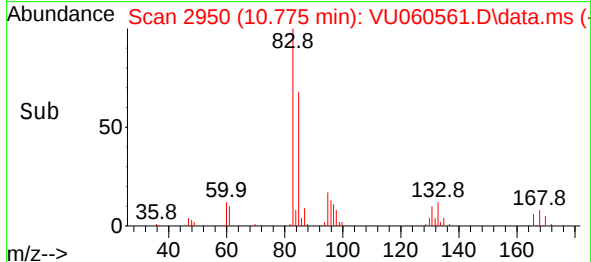
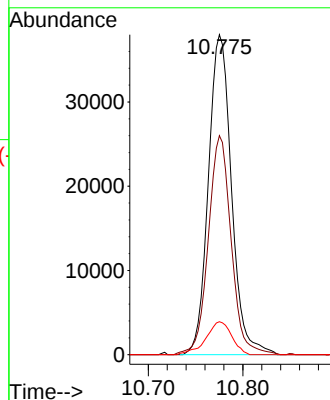
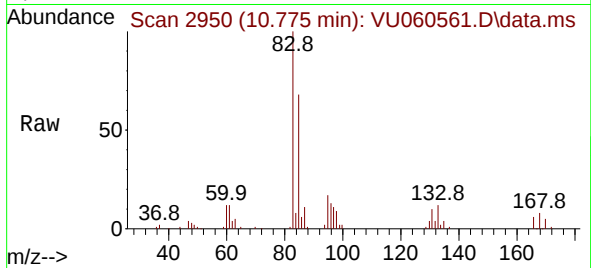
Tgt Ion: 83 Resp: 64596

Ion Ratio Lower Upper

83 100

85 68.5 43.3 80.5

131 10.3 8.9 13.3



#59

Bromoform

Concen: 5.252 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU060561.D

Acq: 28 Aug 2024 17:35

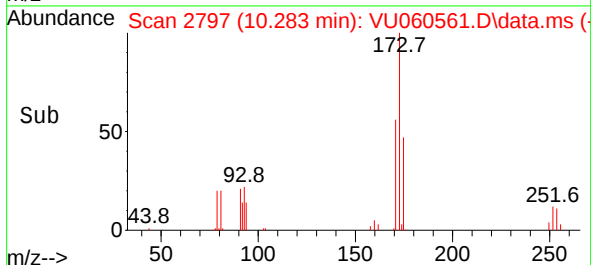
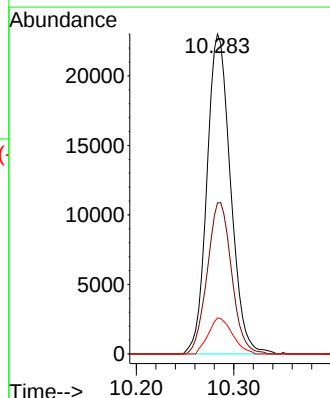
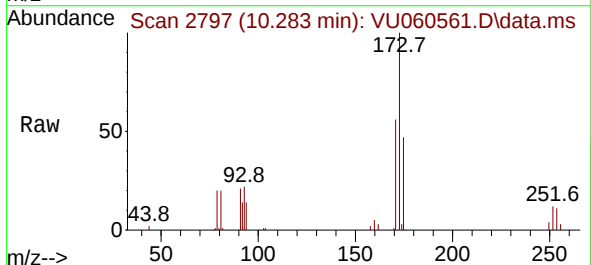
Tgt Ion:173 Resp: 38700

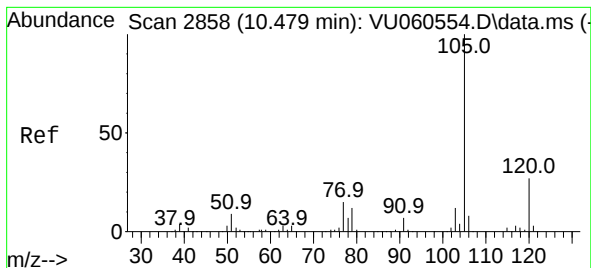
Ion Ratio Lower Upper

173 100

175 48.8 39.8 59.8

254 11.5 8.2 12.2





#60

Isopropylbenzene

Concen: 4.838 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU060561.D

Acq: 28 Aug 2024 17:35

Instrument :

MSVOA_U

ClientSampleId :

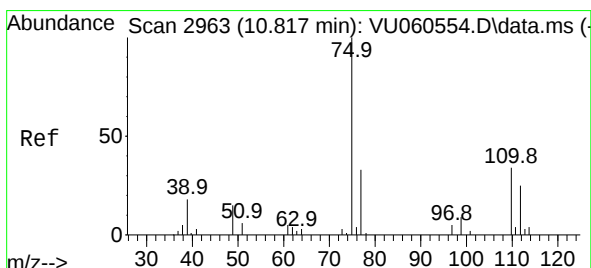
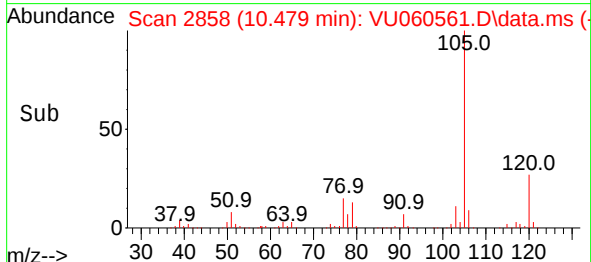
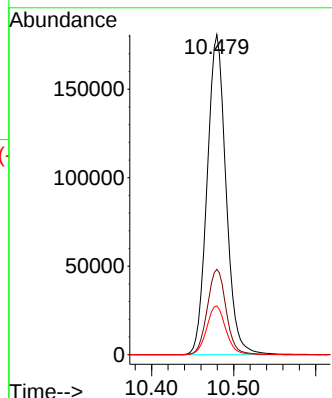
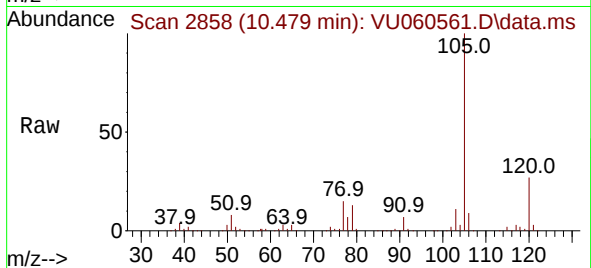
Tgt Ion:105 Resp: 289821

Ion Ratio Lower Upper

105 100

120 26.6 21.0 31.4

77 15.5 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 5.468 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU060561.D

Acq: 28 Aug 2024 17:35

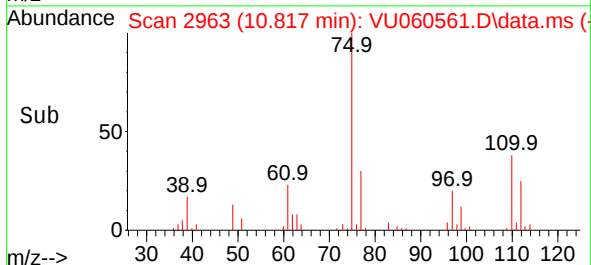
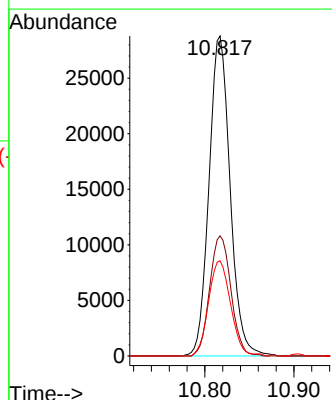
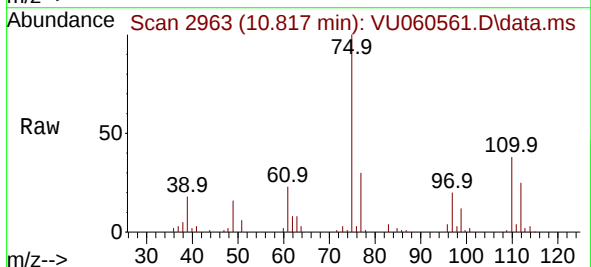
Tgt Ion: 75 Resp: 47296

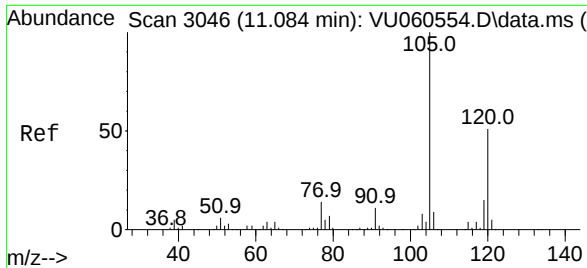
Ion Ratio Lower Upper

75 100

110 37.8 30.2 45.4

77 31.0 25.4 38.2





#62

1,3,5-Trimethylbenzene

Concen: 4.888 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU060561.D

Acq: 28 Aug 2024 17:35

Instrument :

MSVOA_U

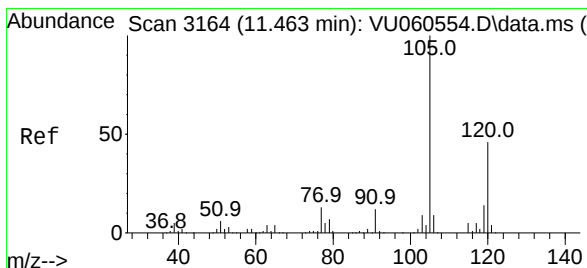
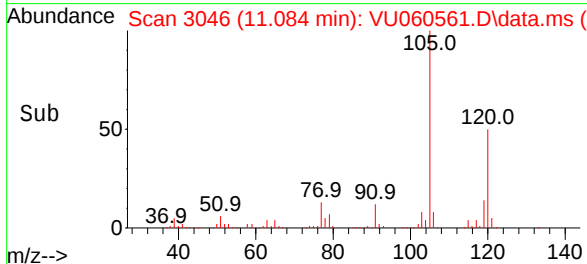
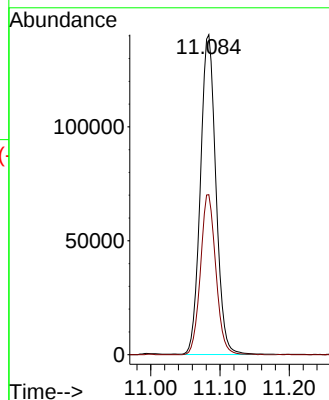
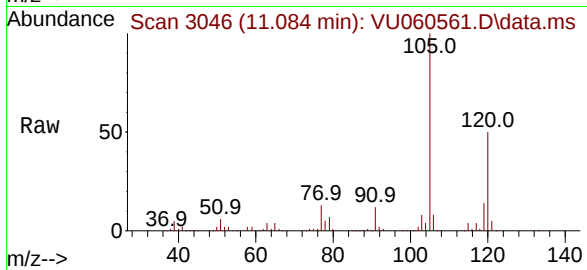
ClientSampleId :

Tgt Ion:105 Resp: 218225

Ion Ratio Lower Upper

105 100

120 49.6 37.4 56.0



#63

1,2,4-Trimethylbenzene

Concen: 4.853 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU060561.D

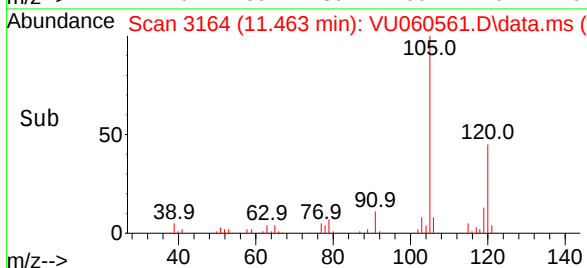
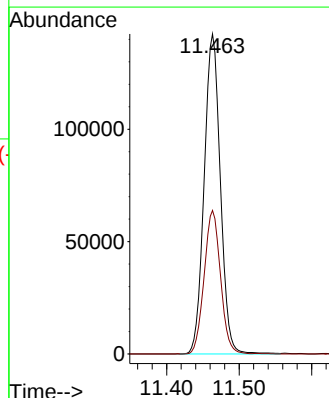
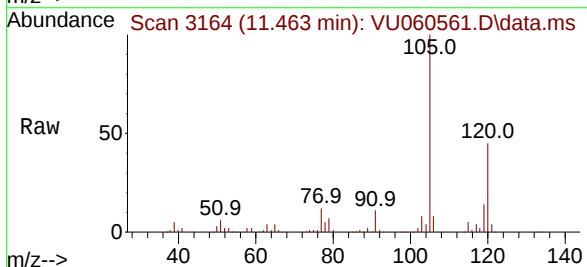
Acq: 28 Aug 2024 17:35

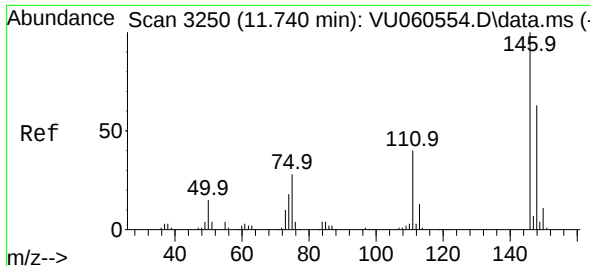
Tgt Ion:105 Resp: 221034

Ion Ratio Lower Upper

105 100

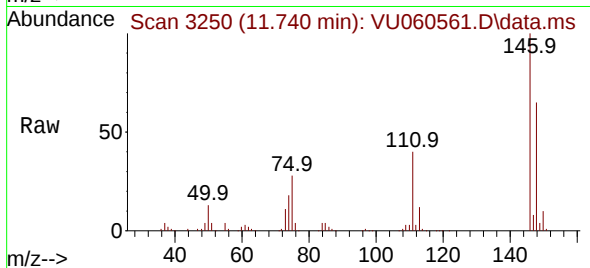
120 45.3 35.7 53.5



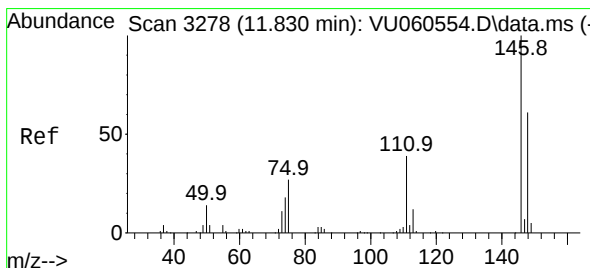
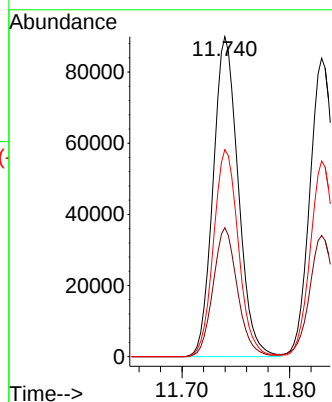
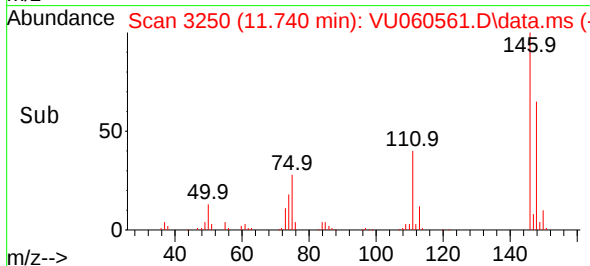


#64
1,3-Dichlorobenzene
Concen: 4.974 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU060561.D
Acq: 28 Aug 2024 17:35

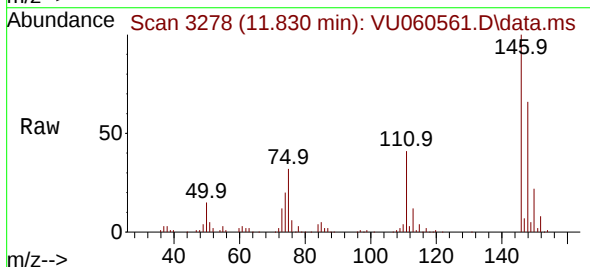
Instrument :
MSVOA_U
ClientSampleId :



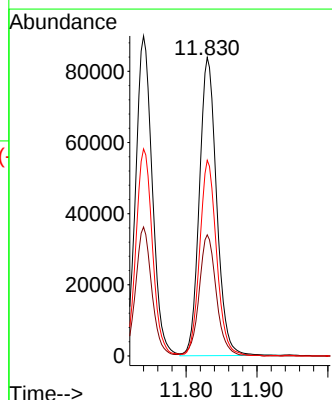
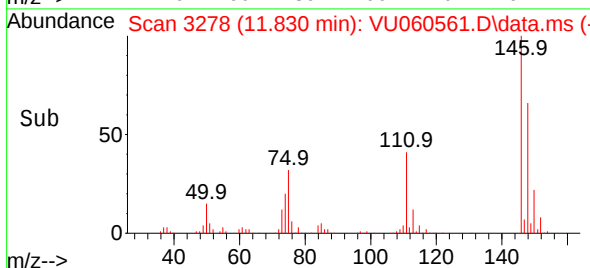
Tgt Ion:146 Resp: 145830
Ion Ratio Lower Upper
146 100
111 40.3 27.9 51.9
148 64.7 43.5 80.7

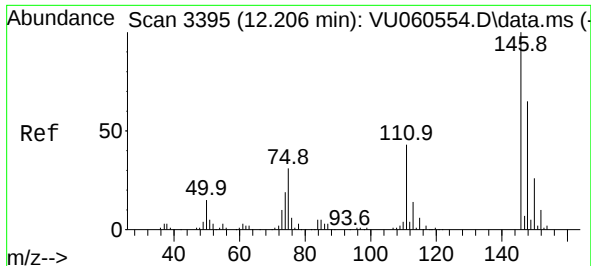


#65
1,4-Dichlorobenzene
Concen: 4.764 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU060561.D
Acq: 28 Aug 2024 17:35



Tgt Ion:146 Resp: 141719
Ion Ratio Lower Upper
146 100
111 40.6 27.2 50.4
148 65.5 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 4.960 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

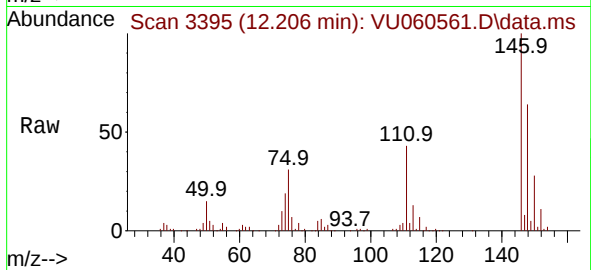
Lab File: VU060561.D

Acq: 28 Aug 2024 17:35

Instrument :

MSVOA_U

ClientSampleId :



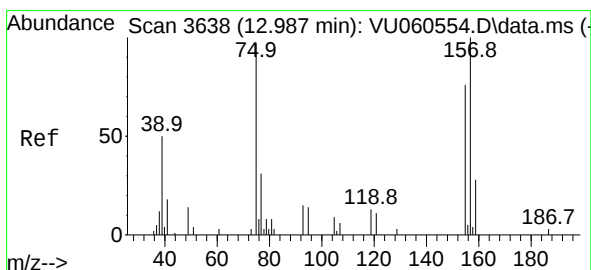
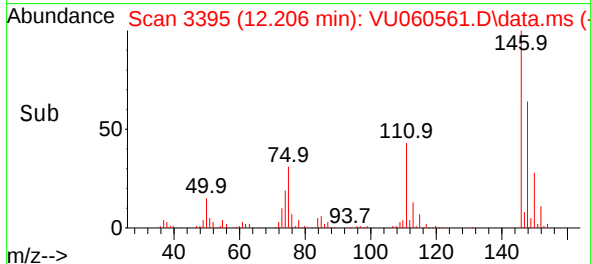
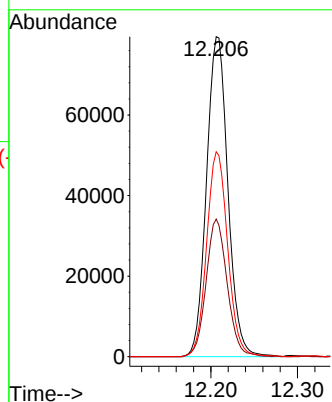
Tgt Ion:146 Resp: 136413

Ion Ratio Lower Upper

146 100

111 43.0 34.6 52.0

148 64.1 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 4.932 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.007 min

Lab File: VU060561.D

Acq: 28 Aug 2024 17:35

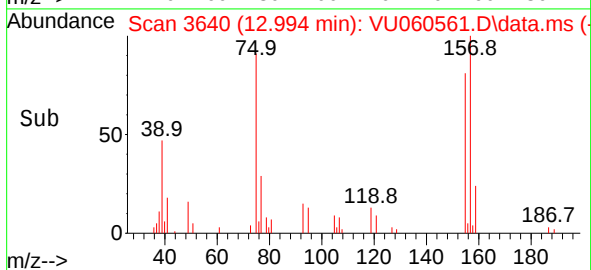
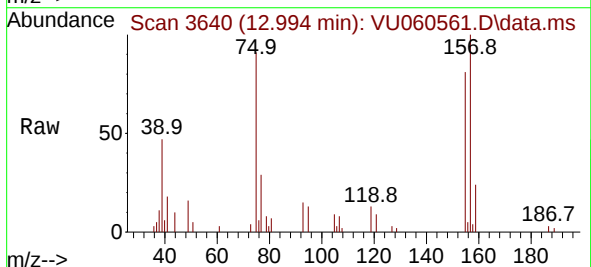
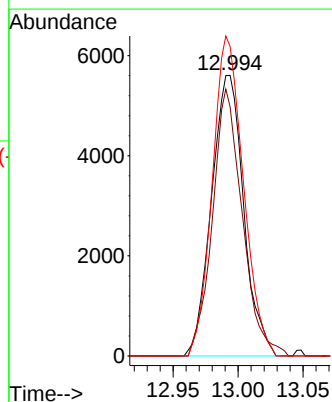
Tgt Ion: 75 Resp: 9629

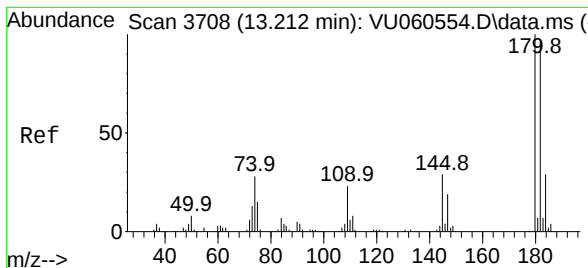
Ion Ratio Lower Upper

75 100

155 88.8 62.7 94.1

157 110.2 70.4 105.6#





#69

1,3,5-Trichlorobenzene

Concen: 4.536 ug/L

RT: 13.212 min Scan# 31

Delta R.T. 0.000 min

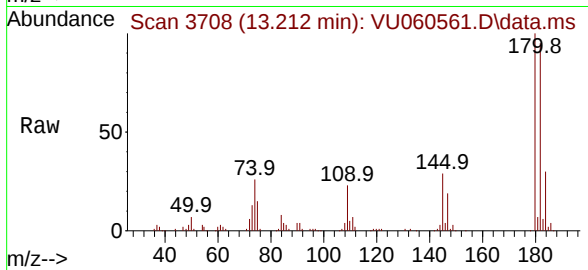
Lab File: VU060561.D

Acq: 28 Aug 2024 17:35

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 102552

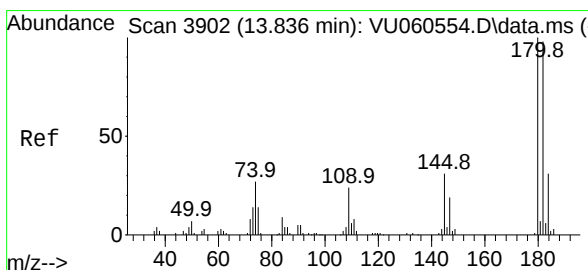
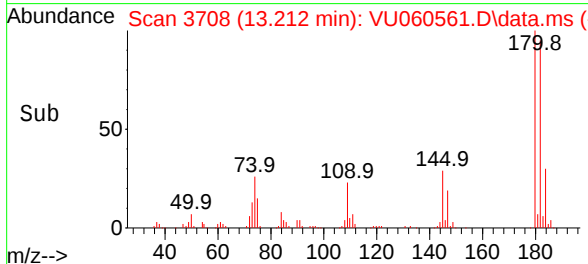
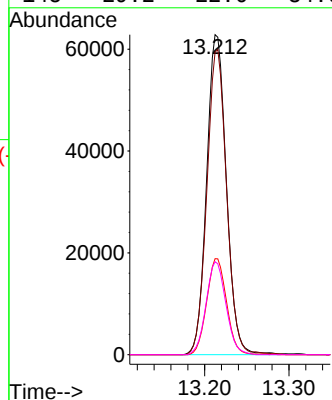
Ion Ratio Lower Upper

180 100

182 95.2 77.6 116.4

184 30.1 24.9 37.3

145 29.2 22.6 34.0



#70

1,2,4-trichlorobenzene

Concen: 4.291 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.003 min

Lab File: VU060561.D

Acq: 28 Aug 2024 17:35

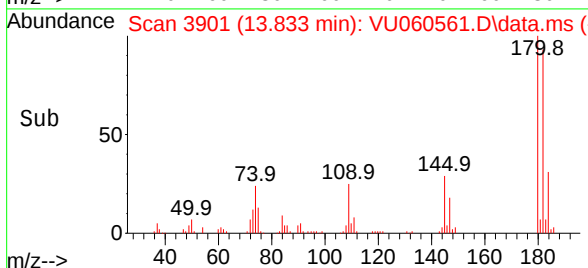
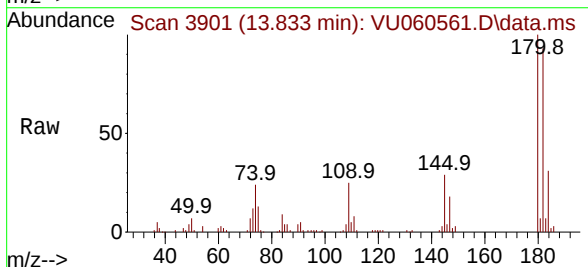
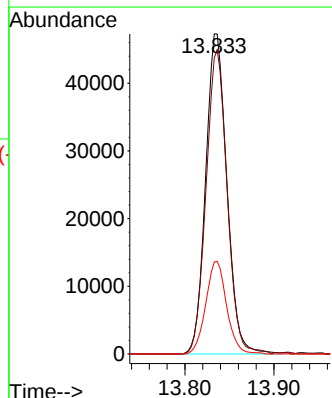
Tgt Ion:180 Resp: 78265

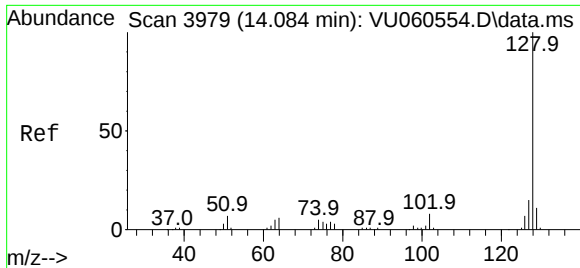
Ion Ratio Lower Upper

180 100

182 94.2 77.3 115.9

145 28.5 23.9 35.9

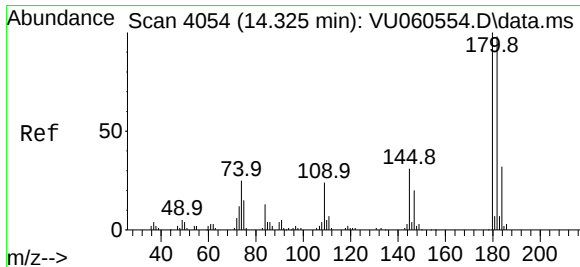
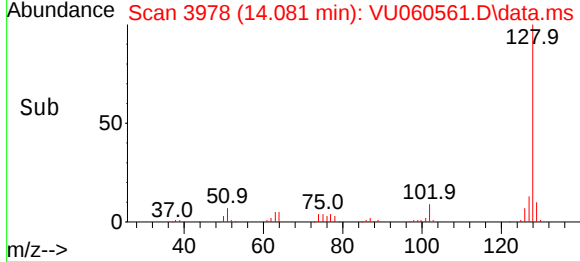
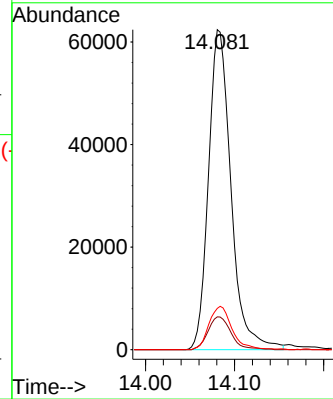
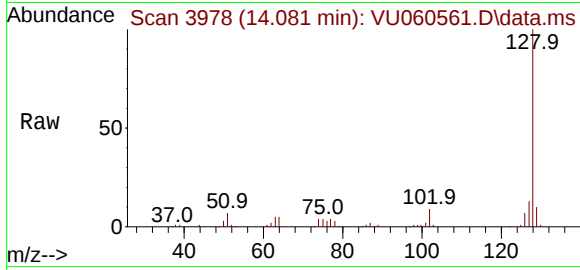




#71
Naphthalene
Concen: 4.693 ug/L
RT: 14.081 min Scan# 3979
Delta R.T. -0.003 min
Lab File: VU060561.D
Acq: 28 Aug 2024 17:35

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 109343
Ion Ratio Lower Upper
128 100
129 10.5 8.5 12.7
127 13.9 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.828 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU060561.D
Acq: 28 Aug 2024 17:35

Tgt Ion:180 Resp: 73696
Ion Ratio Lower Upper
180 100
182 94.2 76.0 114.0
145 31.2 24.3 36.5

