

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122724\
 Data File : VU062614.D
 Acq On : 27 Dec 2024 13:49
 Operator : MD/SY
 Sample : MDL01
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 27 21:58:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 27 21:56:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	105566	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	97037	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	49647	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	24398	3.426	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.600%
7) Chloroethane-d5	1.904	69	19995	3.948	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.000%
11) 1,1-Dichloroethene-d2	2.557	65	12216	3.606	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.200%
20) 2-Butanone-d5	4.621	46	59870	43.873	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.740%
24) Chloroform-d	5.052	84	64021	4.154	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
26) 1,2-Dichloroethane-d4	5.689	65	37271	4.918	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.714	84	114821	4.108	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	6.679	67	32248	4.033	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.600%
41) Toluene-d8	7.888	98	110749	4.195	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	8.171	79	16232	4.612	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.624	63	54818	51.622	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.240%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	27031	4.344	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.800%
66) 1,2-Dichlorobenzene-d4	12.183	152	42405	4.635	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	1658	0.168	ug/L	96
3) Chloromethane	1.515	50	1476	0.190	ug/L	91
5) Vinyl chloride	1.599	62	1702	0.211	ug/L	84
6) Bromomethane	1.853	94	1067	0.198	ug/L	94
8) Chloroethane	1.923	64	814	0.180	ug/L	91
9) Trichlorofluoromethane	2.132	101	3224	0.230	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	1882	0.247	ug/L #	87
12) 1,1-Dichloroethene	2.573	96	1692	0.237	ug/L #	1
14) Carbon disulfide	2.785	76	3706	0.164	ug/L	97
16) Methylene chloride	3.036	84	1847	0.247	ug/L	76
17) Methyl tert-butyl Ether	3.361	73	4316	0.243	ug/L #	63
18) trans-1,2-Dichloroethene	3.351	96	1521	0.208	ug/L	78
19) 1,1-Dichloroethane	3.859	63	2805	0.209	ug/L #	95
22) cis-1,2-Dichloroethene	4.650	96	1514	0.184	ug/L	80
23) Bromochloromethane	4.968	128	675	0.188	ug/L #	52
25) Chloroform	5.078	83	3791	0.251	ug/L	91
27) 1,2-Dichloroethane	5.791	62	2385	0.248	ug/L #	75
30) Cyclohexane	5.373	56	2004	0.181	ug/L	91
31) Carbon tetrachloride	5.521	117	2821	0.225	ug/L	99

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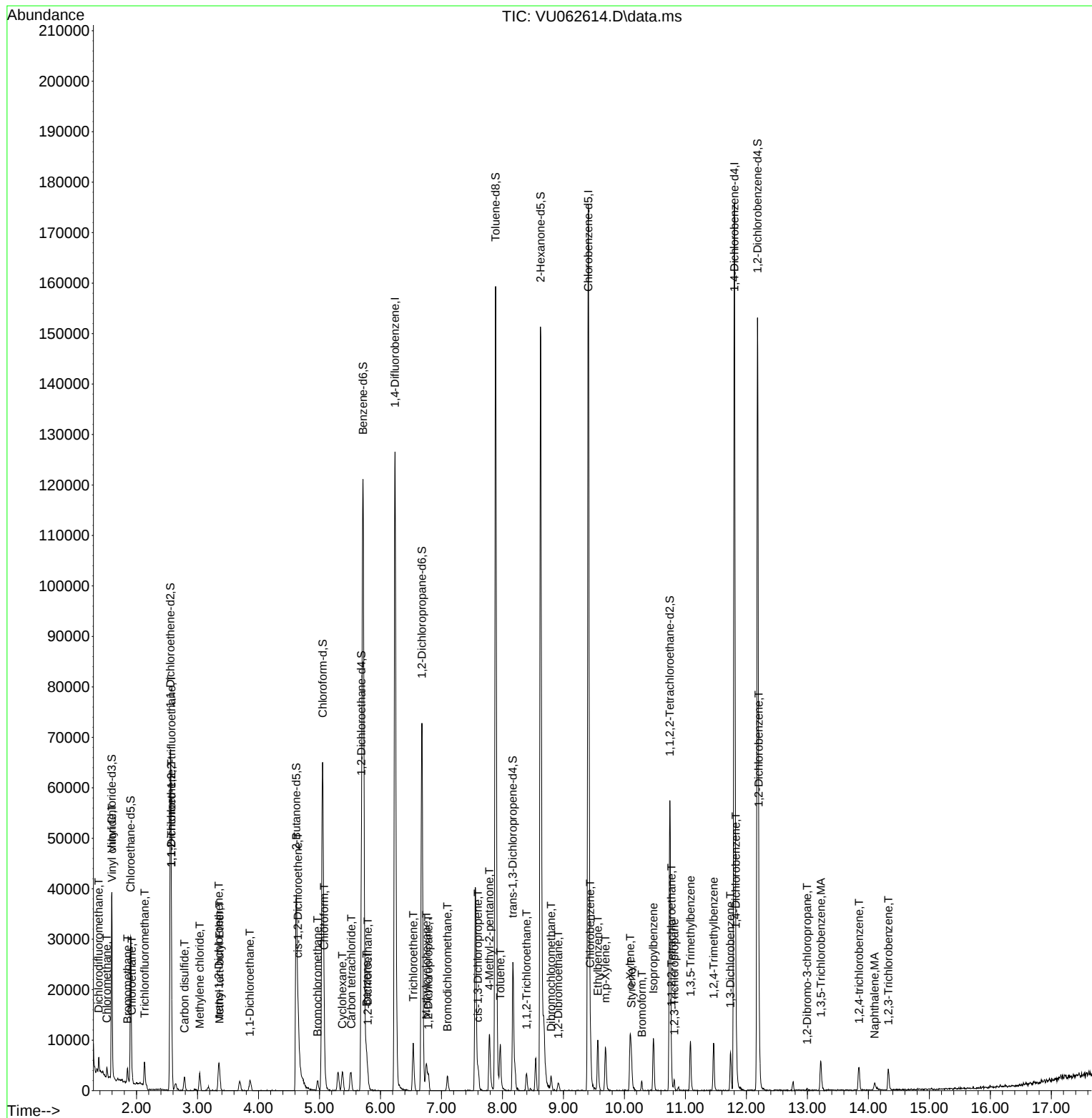
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) Benzene	5.772	78	6650	0.221	ug/L	100
34) Trichloroethene	6.541	95	3223	0.378	ug/L	87
35) Methylcyclohexane	6.753	83	2417	0.191	ug/L	87
37) 1,2-Dichloropropane	6.785	63	1498	0.205	ug/L #	87
38) Bromodichloromethane	7.097	83	2337	0.226	ug/L	95
39) cis-1,3-Dichloropropene	7.598	75	2491	0.212	ug/L	95
40) 4-Methyl-2-pentanone	7.785	43	7044	2.052	ug/L #	84
42) Toluene	7.965	91	6991	0.216	ug/L	94
45) 1,1,2-Trichloroethane	8.396	97	1211	0.219	ug/L	95
49) Dibromochloromethane	8.798	129	1722	0.258	ug/L	87
50) 1,2-Dibromoethane	8.913	107	1243	0.234	ug/L #	79
51) Chlorobenzene	9.441	112	4281	0.206	ug/L	91
52) Ethylbenzene	9.563	91	8057	0.222	ug/L	97
53) m,p-Xylene	9.688	106	2922	0.218	ug/L	95
54) o-Xylene	10.097	106	2927	0.224	ug/L	92
55) Styrene	10.116	104	4085	0.190	ug/L	90
57) 1,1,2,2-Tetrachloroethane	10.772	83	1562	0.243	ug/L #	85
59) Bromoform	10.286	173	815	0.209	ug/L #	82
60) Isopropylbenzene	10.476	105	8054	0.225	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	1200	0.261	ug/L #	78
62) 1,3,5-Trimethylbenzene	11.084	105	6328	0.208	ug/L	94
63) 1,2,4-Trimethylbenzene	11.463	105	5974	0.201	ug/L	94
64) 1,3-Dichlorobenzene	11.740	146	3537	0.215	ug/L	92
65) 1,4-Dichlorobenzene	11.830	146	3800	0.229	ug/L	86
67) 1,2-Dichlorobenzene	12.203	146	3761	0.247	ug/L	90
68) 1,2-Dibromo-3-chloropr...	12.994	75	75	0.075	ug/L #	49
69) 1,3,5-Trichlorobenzene	13.222	180	2733	0.223	ug/L	92
70) 1,2,4-trichlorobenzene	13.849	180	2190	0.226	ug/L	97
71) Naphthalene	14.103	128	2821	0.194	ug/L #	77
72) 1,2,3-Trichlorobenzene	14.328	180	1976	0.232	ug/L #	89

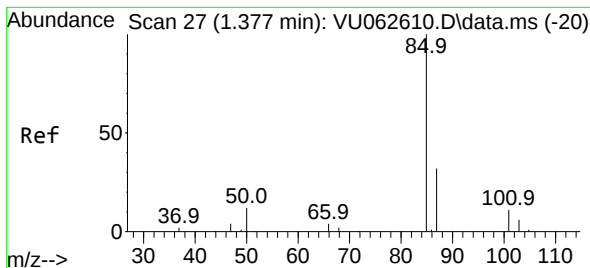
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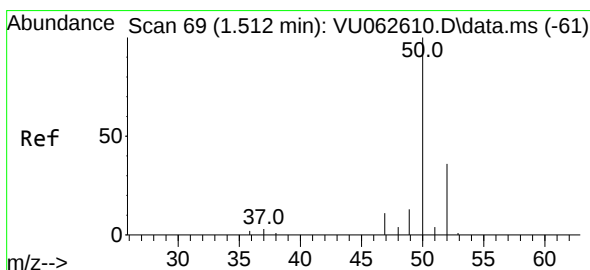
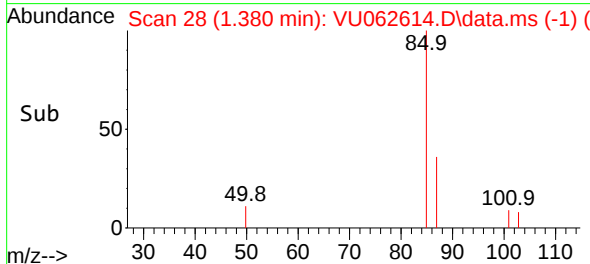
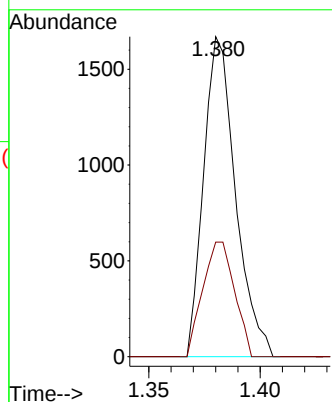
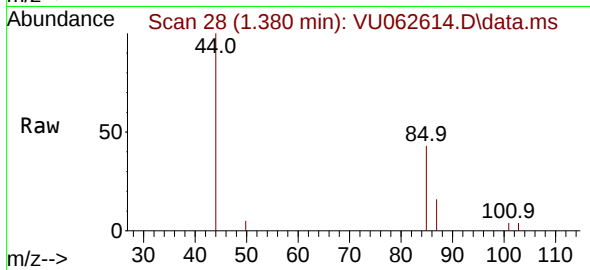




#2
Dichlorodifluoromethane
Concen: 0.168 ug/L
RT: 1.380 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49

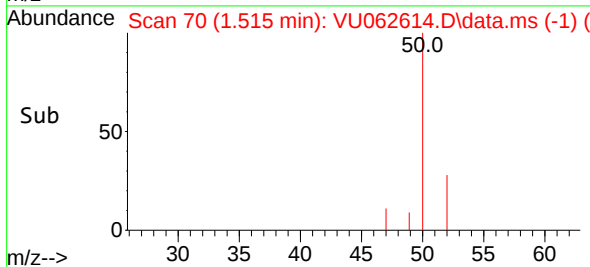
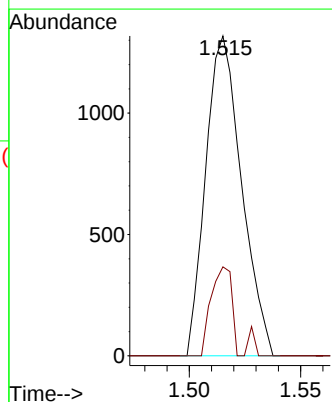
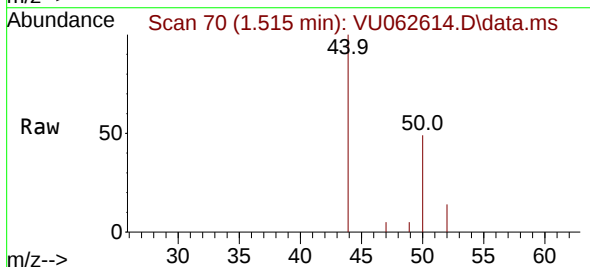
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ClientSampleId :

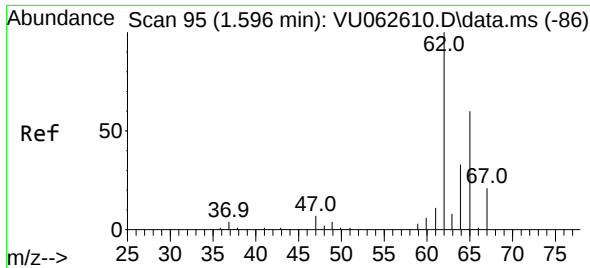
Tgt Ion: 85 Resp: 1658
Ion Ratio Lower Upper
85 100
87 35.6 26.6 40.0



#3
Chloromethane
Concen: 0.190 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.003 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49

Tgt Ion: 50 Resp: 1476
Ion Ratio Lower Upper
50 100
52 27.8 23.1 42.9

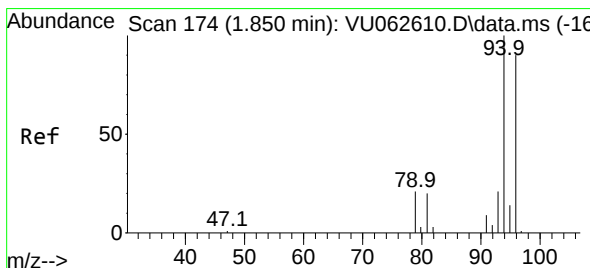
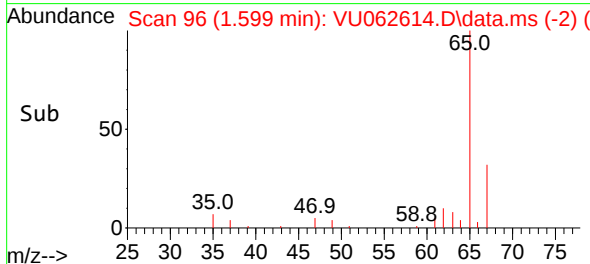
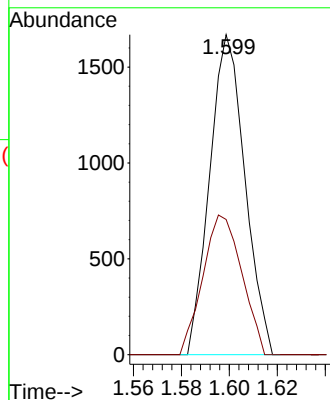
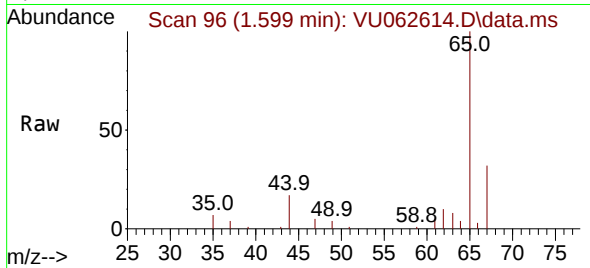




#5
Vinyl chloride
Concen: 0.211 ug/L
RT: 1.599 min Scan# 90
Delta R.T. 0.003 min
Lab File: VU062614.D
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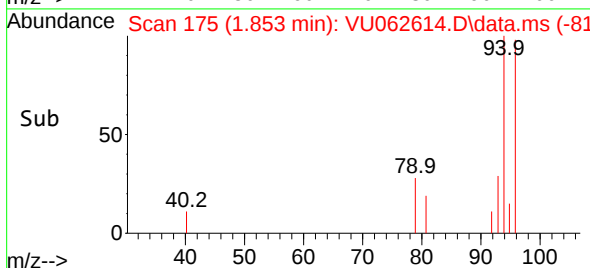
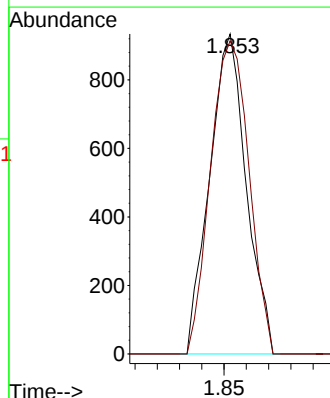
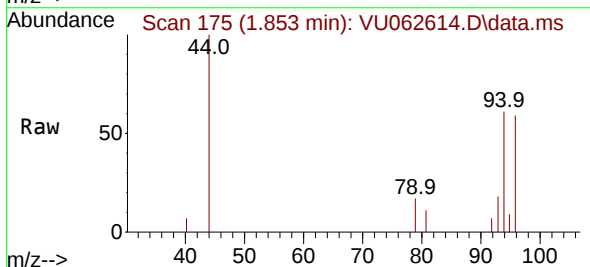
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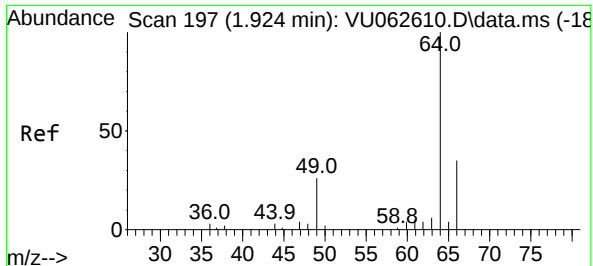
Tgt Ion: 62 Resp: 1702
Ion Ratio Lower Upper
62 100
64 42.2 23.1 42.9



#6
Bromomethane
Concen: 0.198 ug/L
RT: 1.853 min Scan# 175
Delta R.T. 0.003 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49

Tgt Ion: 94 Resp: 1067
Ion Ratio Lower Upper
94 100
96 97.9 64.5 119.9

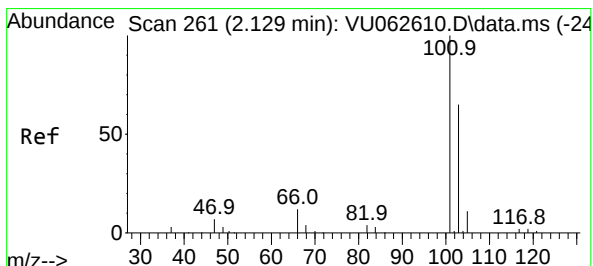
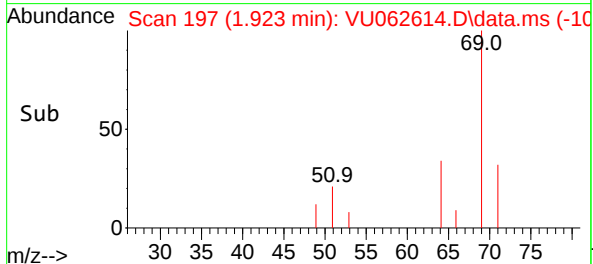
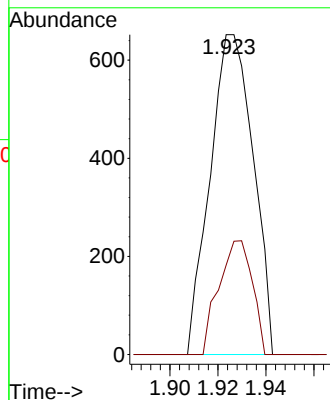
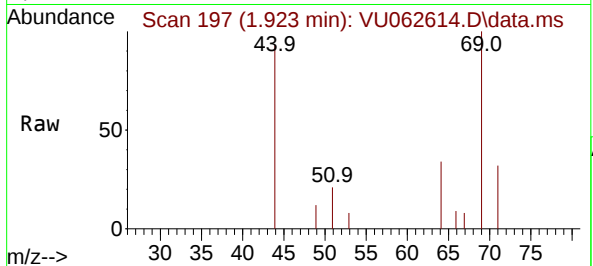




#8
Chloroethane
Concen: 0.180 ug/L
RT: 1.923 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49

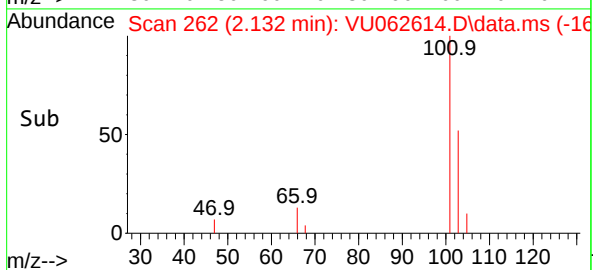
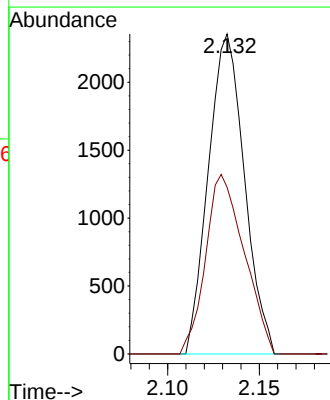
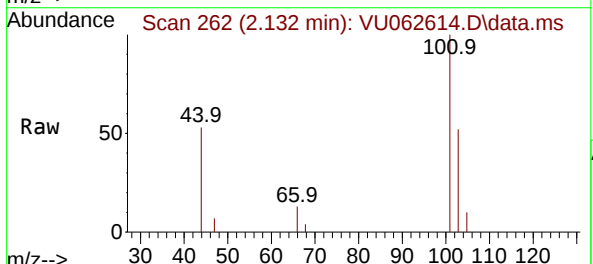
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ClientSampleId :

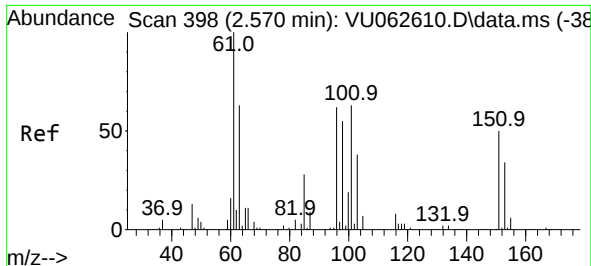
Tgt Ion: 64 Resp: 814
Ion Ratio Lower Upper
64 100
66 27.9 23.2 43.2



#9
Trichlorofluoromethane
Concen: 0.230 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.003 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49

Tgt Ion:101 Resp: 3224
Ion Ratio Lower Upper
101 100
103 60.0 50.6 75.8

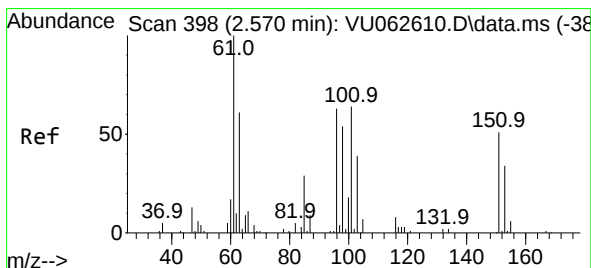
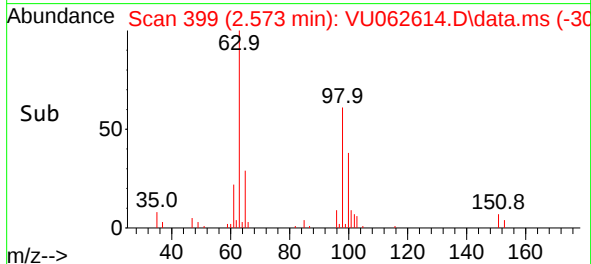
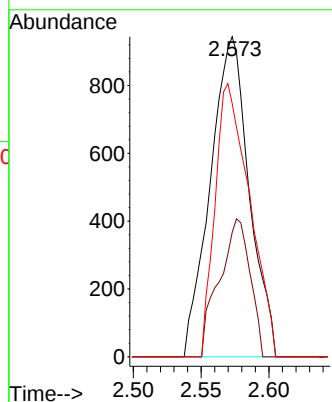
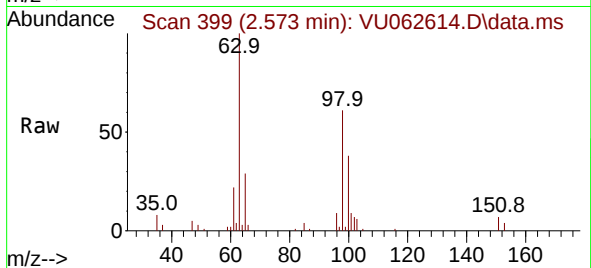




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.247 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.003 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49

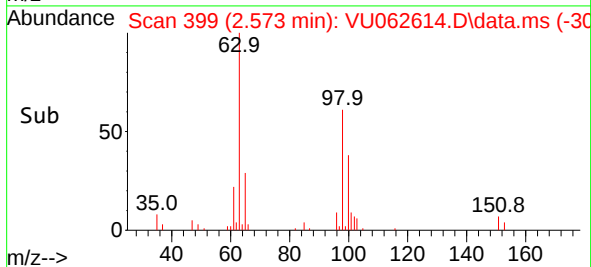
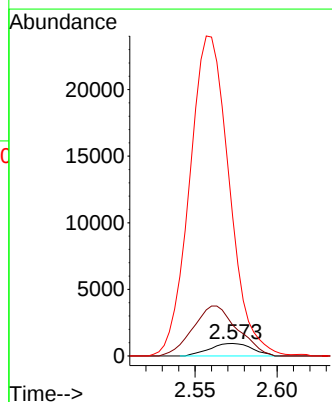
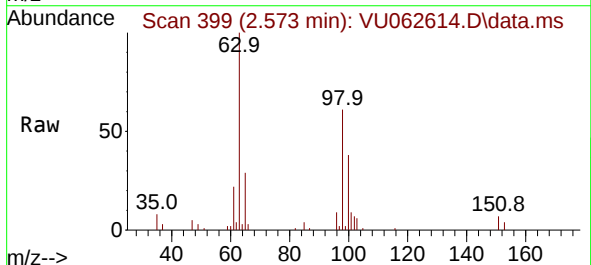
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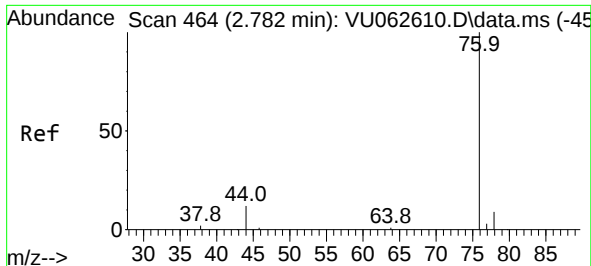
Tgt Ion:101 Resp: 1882
Ion Ratio Lower Upper
101 100
85 34.1 38.0 57.0#
151 75.9 55.3 82.9



#12
1,1-Dichloroethene
Concen: 0.237 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.003 min
Lab File: VU062614.D
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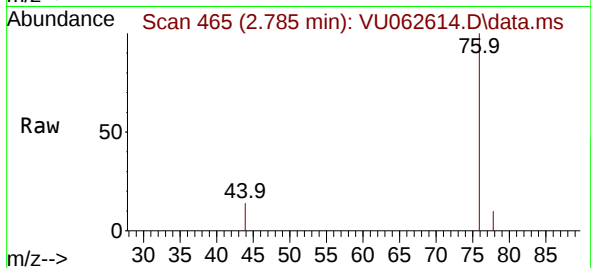
Tgt Ion: 96 Resp: 1692
Ion Ratio Lower Upper
96 100
61 246.1 119.6 222.2#
63 1109.1 65.0 120.6#



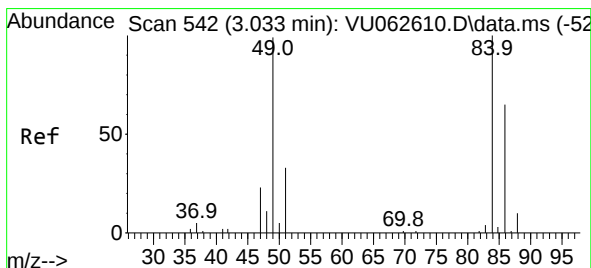
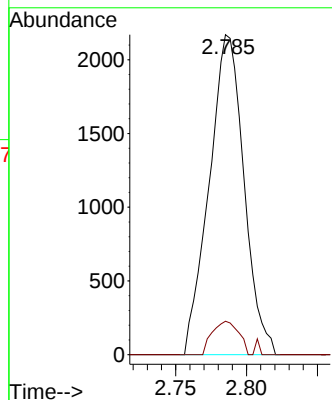
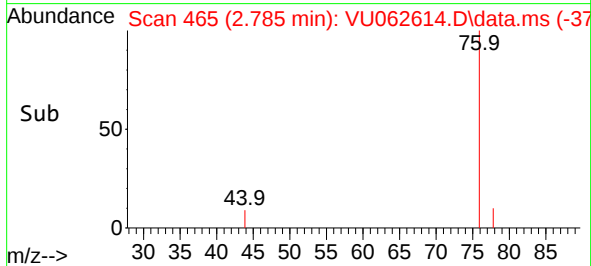


#14
Carbon disulfide
Concen: 0.164 ug/L
RT: 2.785 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49

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ClientSampleId :

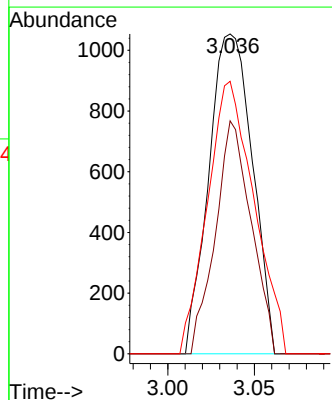
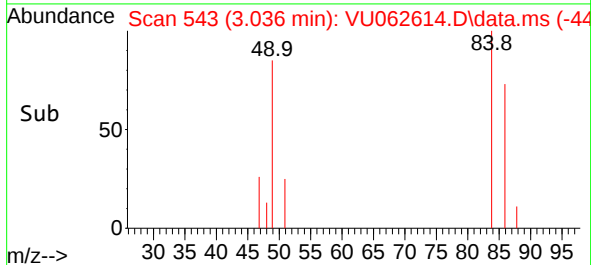
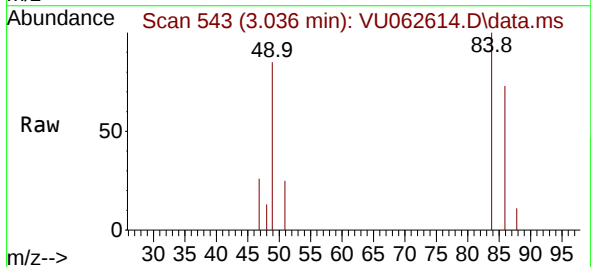


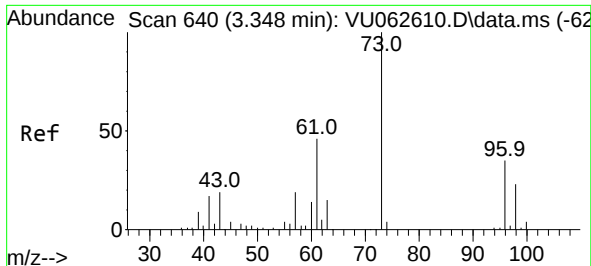
Tgt Ion: 76 Resp: 3706
Ion Ratio Lower Upper
76 100
78 10.5 7.5 11.3



#16
Methylene chloride
Concen: 0.247 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.003 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49

Tgt Ion: 84 Resp: 1847
Ion Ratio Lower Upper
84 100
86 72.9 43.5 80.7
49 85.2 81.9 152.1

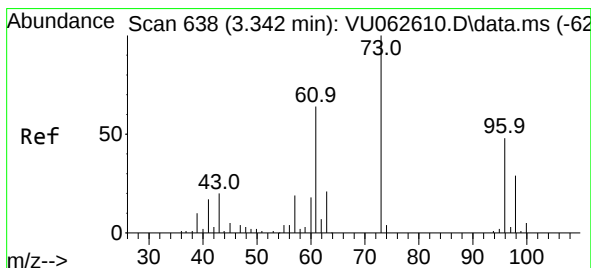
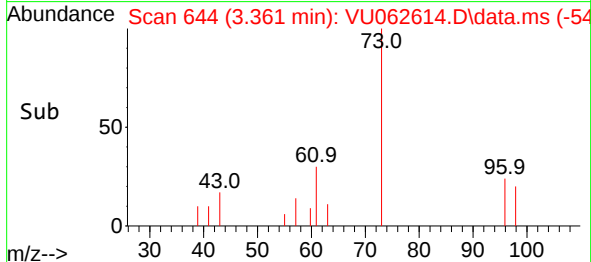
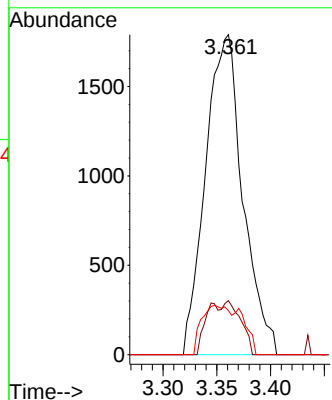
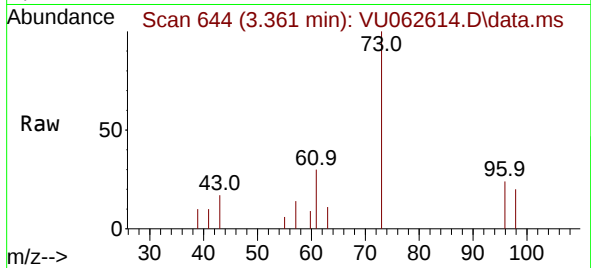




#17
Methyl tert-butyl Ether
Concen: 0.243 ug/L
RT: 3.361 min Scan# 640
Delta R.T. 0.013 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49

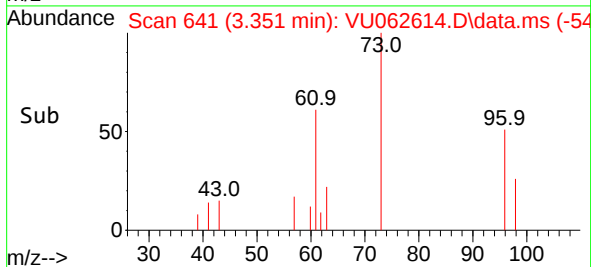
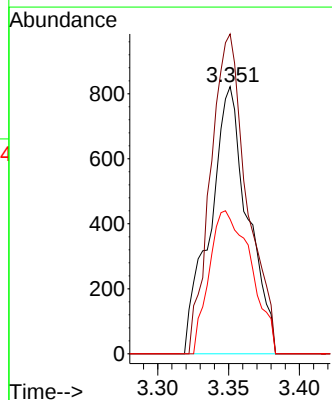
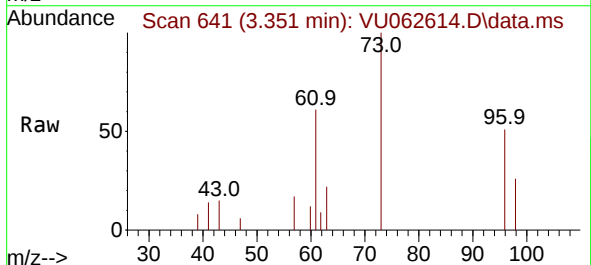
Instrument :
MSVOA_U
ClientSampleId :

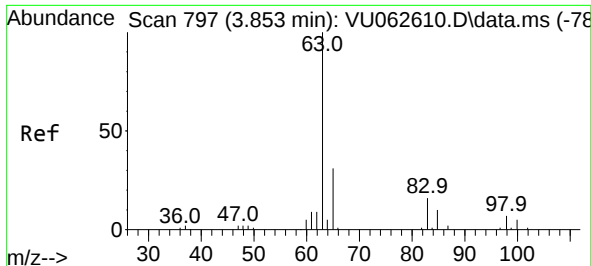
Tgt Ion: 73 Resp: 4316
Ion Ratio Lower Upper
73 100
43 7.8 16.3 24.5#
57 0.0 17.1 25.7#



#18
trans-1,2-Dichloroethene
Concen: 0.208 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.009 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49

Tgt Ion: 96 Resp: 1521
Ion Ratio Lower Upper
96 100
61 119.7 104.2 193.4
98 50.4 45.7 84.9





#19

1,1-Dichloroethane

Concen: 0.209 ug/L

RT: 3.859 min Scan# 797

Delta R.T. 0.006 min

Lab File: VU062614.D

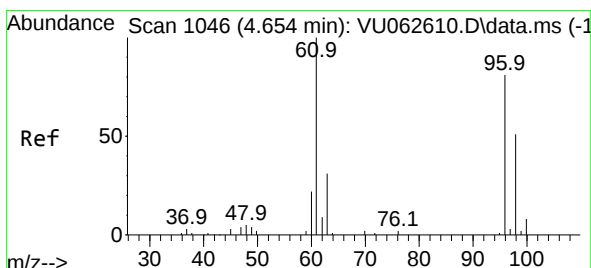
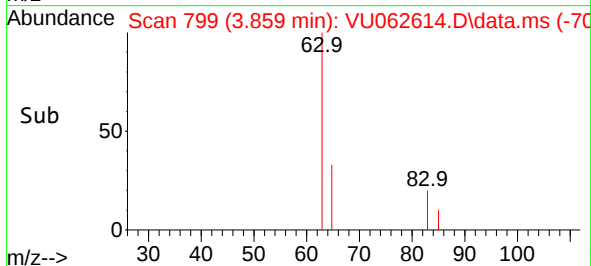
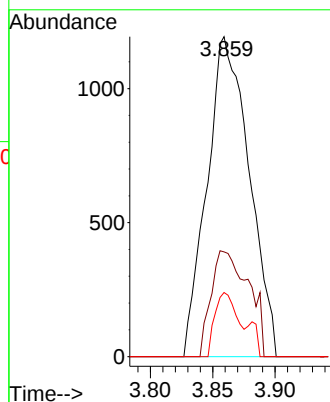
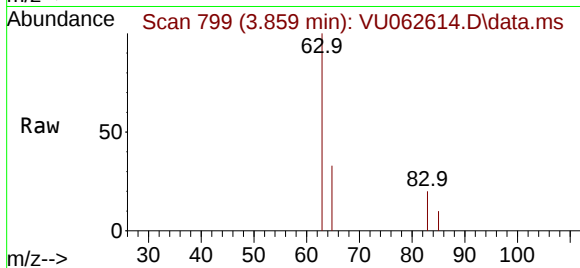
Acq: 27 Dec 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 2805
Ion Ratio	Lower Upper
63 100	
65 32.7	22.7 42.3
83 20.0	9.9 18.3



#22

cis-1,2-Dichloroethene

Concen: 0.184 ug/L

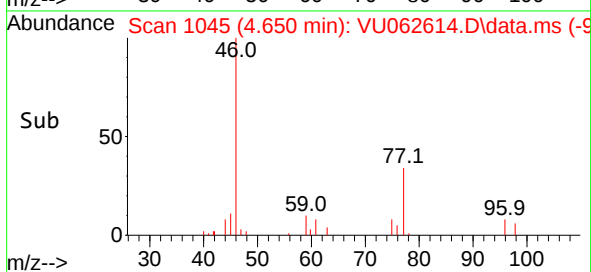
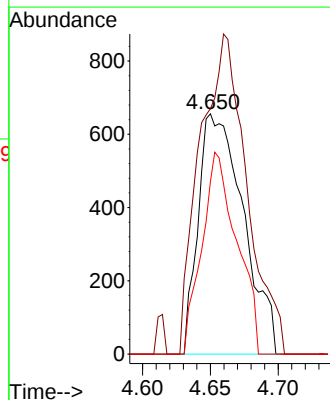
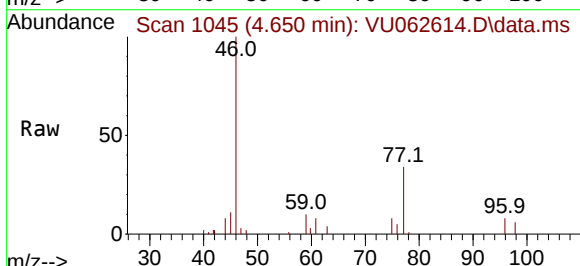
RT: 4.650 min Scan# 1045

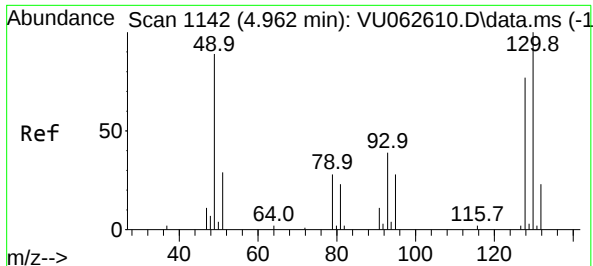
Delta R.T. -0.003 min

Lab File: VU062614.D

Acq: 27 Dec 2024 13:49

Tgt Ion: 96	Resp: 1514
Ion Ratio	Lower Upper
96 100	
61 102.1	92.0 170.8
98 71.8	44.5 82.7





#23

Bromochloromethane

Concen: 0.188 ug/L

RT: 4.968 min Scan# 1144

Delta R.T. 0.006 min

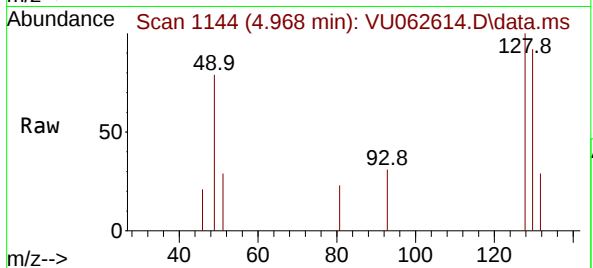
Lab File: VU062614.D

Acq: 27 Dec 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:128 Resp: 675

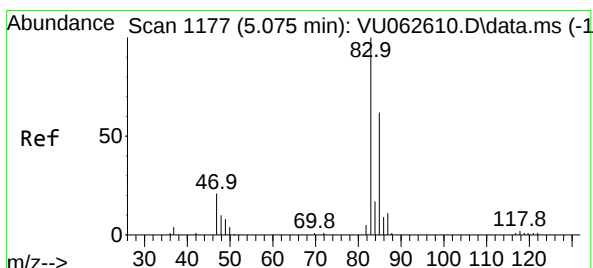
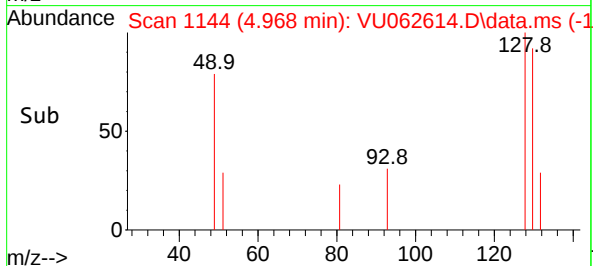
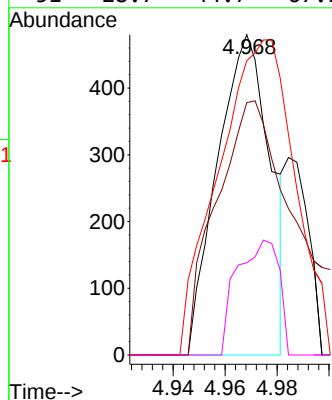
Ion Ratio Lower Upper

128 100

49 78.8 115.3 214.1#

130 91.9 92.0 170.8#

51 28.7 44.7 67.1#



#25

Chloroform

Concen: 0.251 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU062614.D

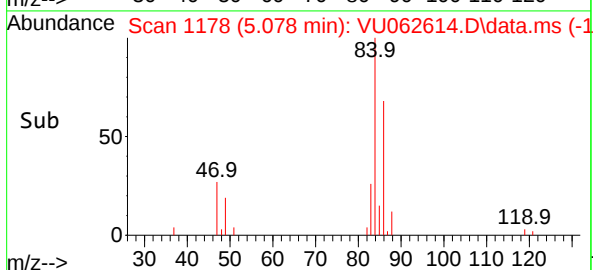
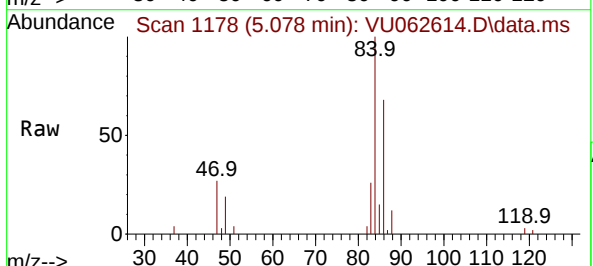
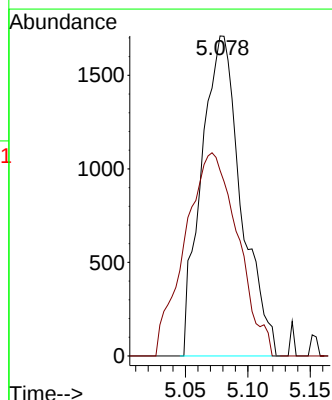
Acq: 27 Dec 2024 13:49

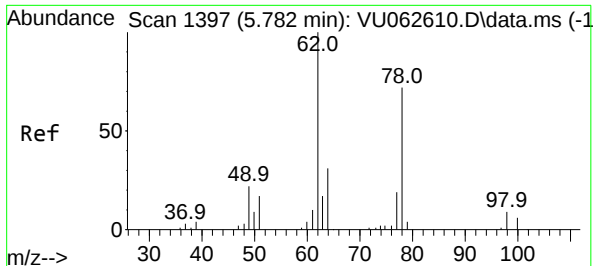
Tgt Ion: 83 Resp: 3791

Ion Ratio Lower Upper

83 100

85 58.0 45.4 84.2





#27

1,2-Dichloroethane

Concen: 0.248 ug/L

RT: 5.791 min Scan# 14

Delta R.T. 0.009 min

Lab File: VU062614.D

Acq: 27 Dec 2024 13:49

Instrument :

MSVOA_U

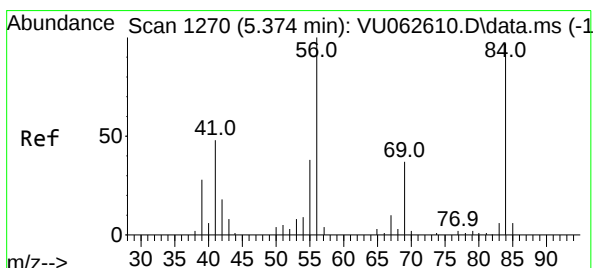
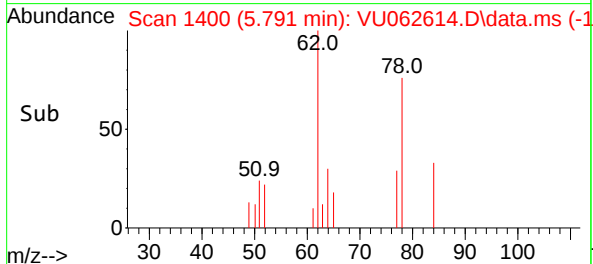
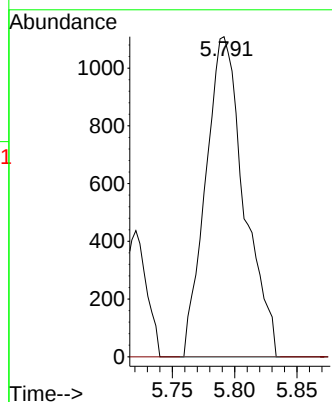
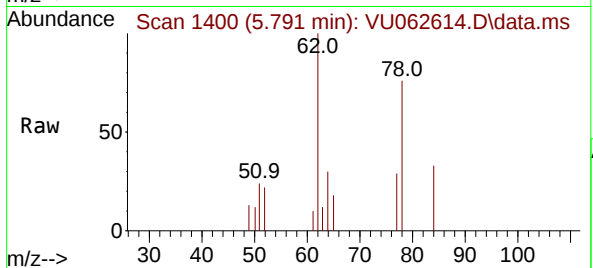
ClientSampleId :

Tgt Ion: 62 Resp: 2385

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.0#



#30

Cyclohexane

Concen: 0.181 ug/L

RT: 5.373 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VU062614.D

Acq: 27 Dec 2024 13:49

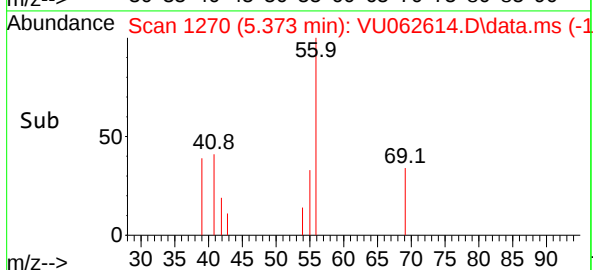
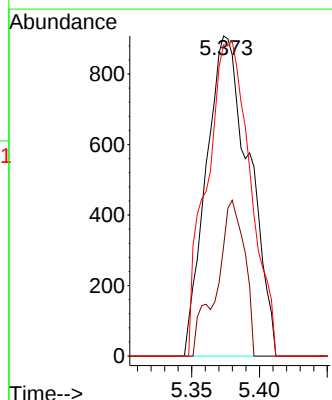
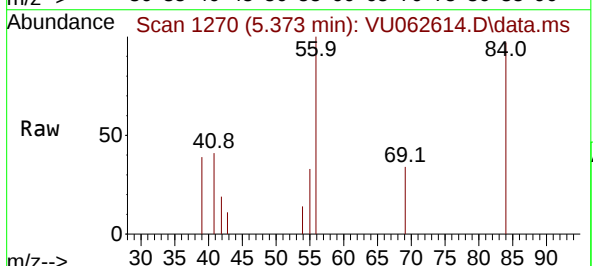
Tgt Ion: 56 Resp: 2004

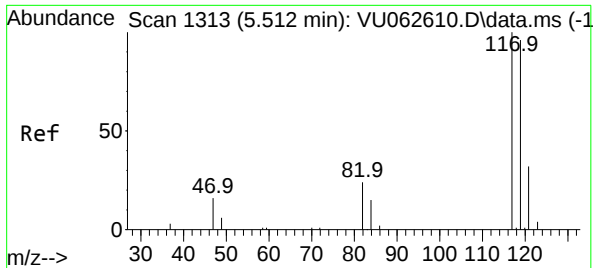
Ion Ratio Lower Upper

56 100

69 31.7 25.1 37.7

84 99.7 70.6 105.8

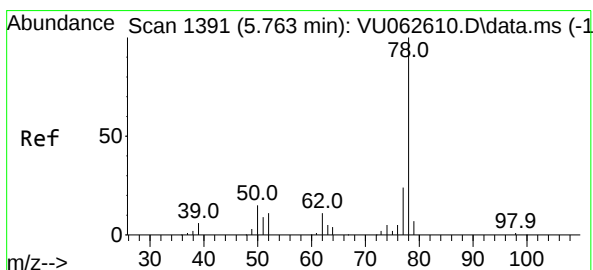
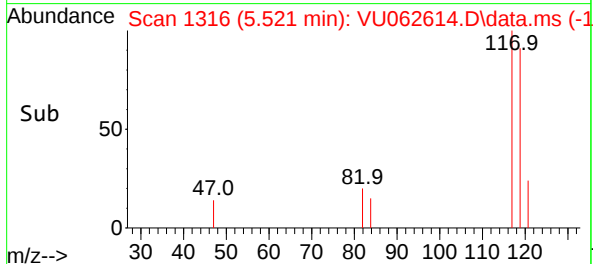
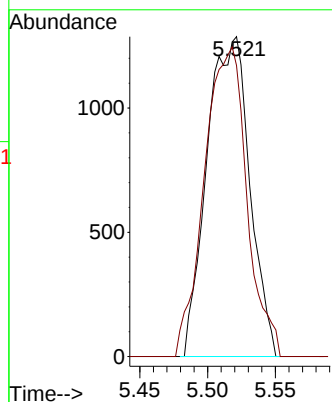
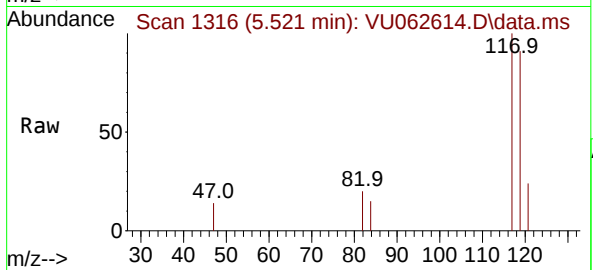




#31
Carbon tetrachloride
Concen: 0.225 ug/L
RT: 5.521 min Scan# 117
Delta R.T. 0.009 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49

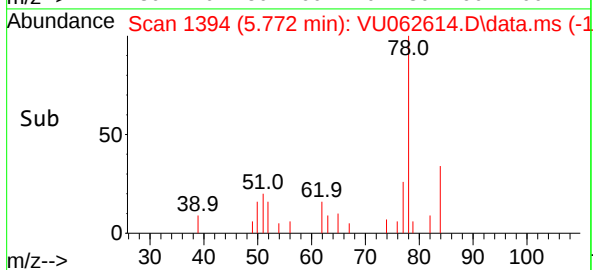
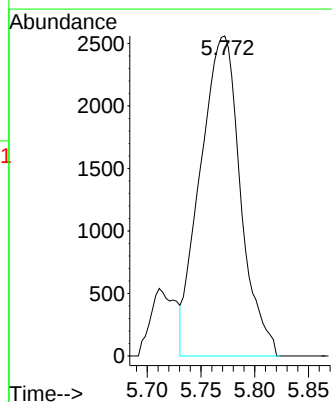
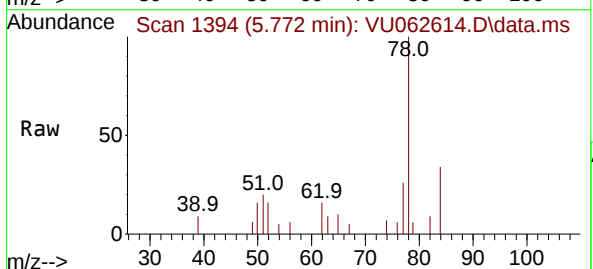
Instrument :
MSVOA_U
ClientSampleId :

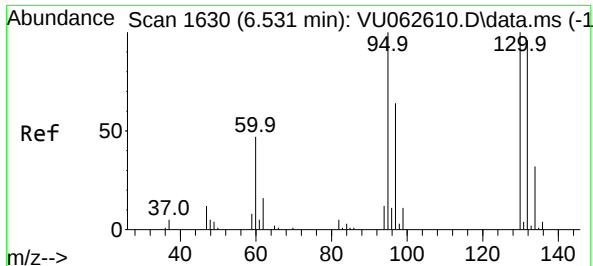
Tgt Ion:117 Resp: 2821
Ion Ratio Lower Upper
117 100
119 96.1 77.5 116.3



#33
Benzene
Concen: 0.221 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.009 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49

Tgt Ion: 78 Resp: 6650

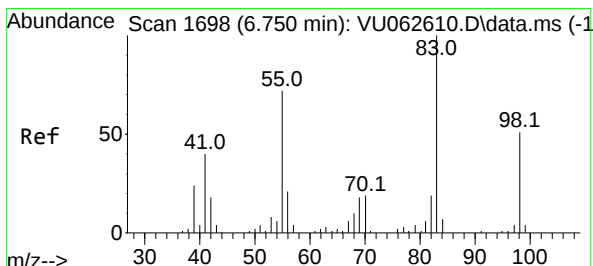
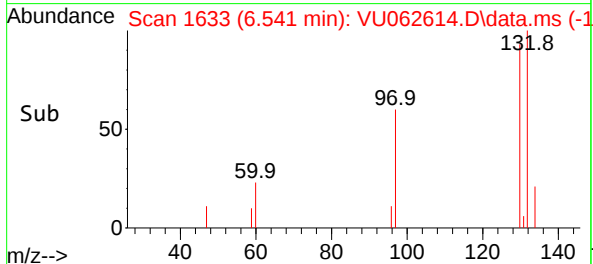
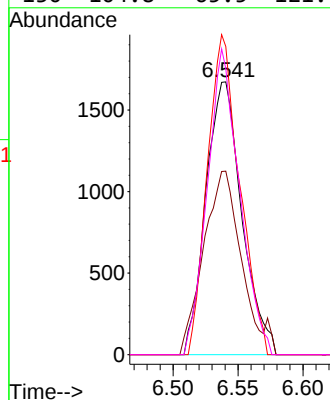
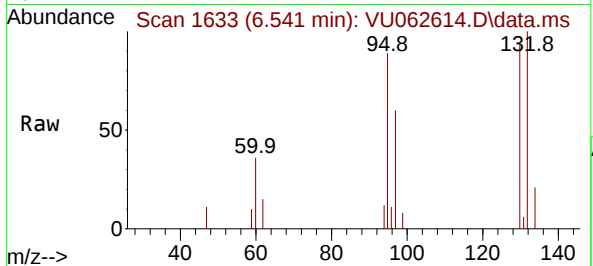




#34
Trichloroethene
Concen: 0.378 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.009 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49

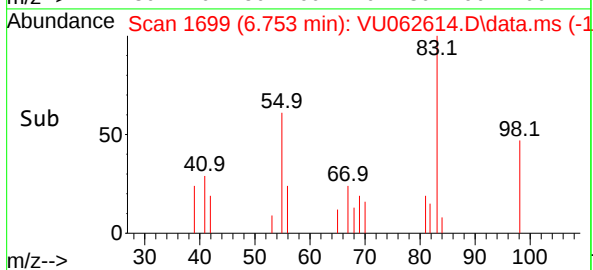
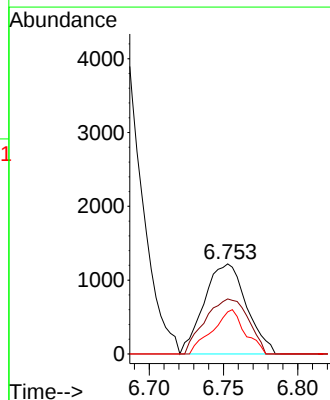
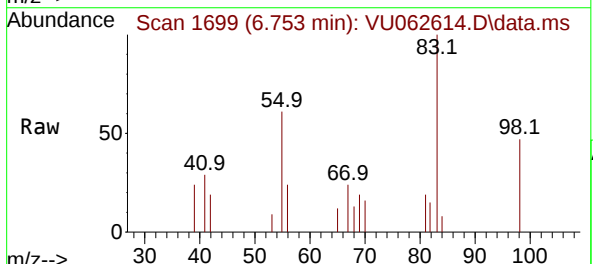
Instrument :
MSVOA_U
ClientSampleId :

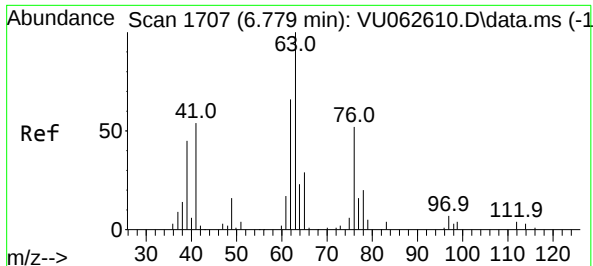
Tgt Ion: 95 Resp: 3223
Ion Ratio Lower Upper
95 100
97 67.2 45.9 85.3
132 112.9 63.8 118.4
130 104.8 65.5 121.7



#35
Methylcyclohexane
Concen: 0.191 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. 0.003 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49

Tgt Ion: 83 Resp: 2417
Ion Ratio Lower Upper
83 100
55 62.8 60.7 91.1
98 37.8 34.8 52.2





#37

1,2-Dichloropropane

Concen: 0.205 ug/L

RT: 6.785 min Scan# 11

Delta R.T. 0.006 min

Lab File: VU062614.D

Acq: 27 Dec 2024 13:49

Instrument :

MSVOA_U

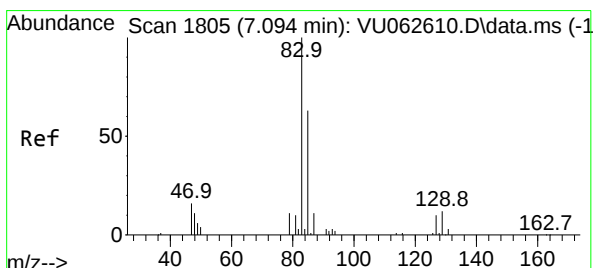
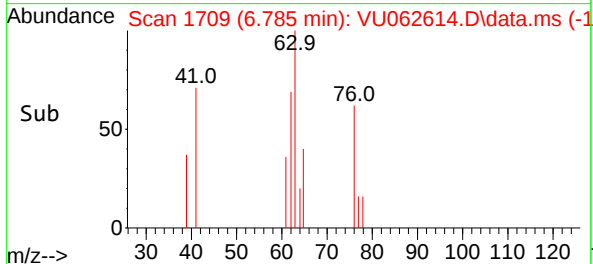
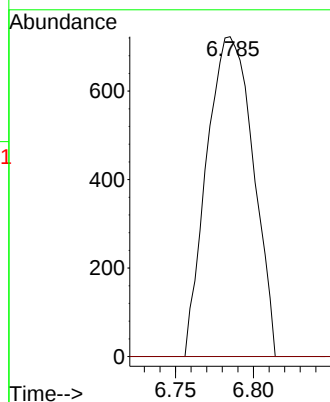
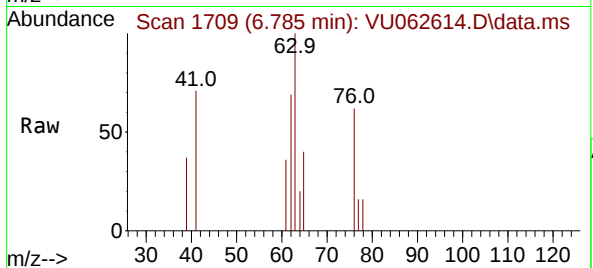
ClientSampleId :

Tgt Ion: 63 Resp: 1498

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#38

Bromodichloromethane

Concen: 0.226 ug/L

RT: 7.097 min Scan# 1806

Delta R.T. 0.003 min

Lab File: VU062614.D

Acq: 27 Dec 2024 13:49

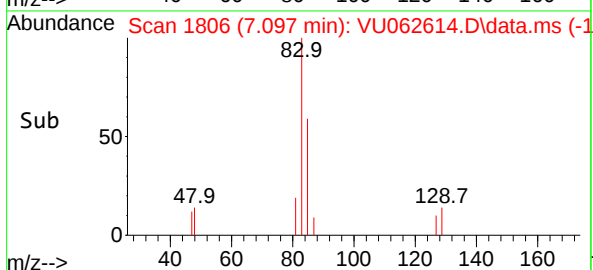
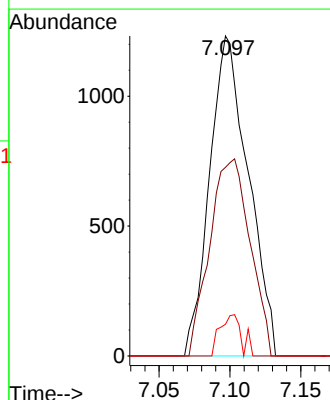
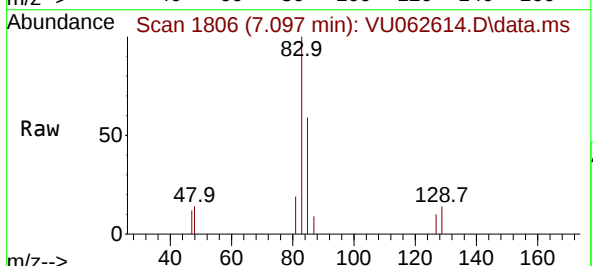
Tgt Ion: 83 Resp: 2337

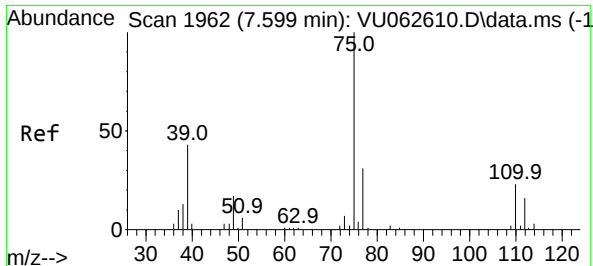
Ion Ratio Lower Upper

83 100

85 58.9 44.1 81.9

127 9.9 6.9 10.3

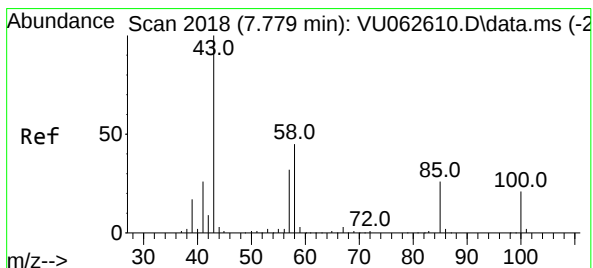
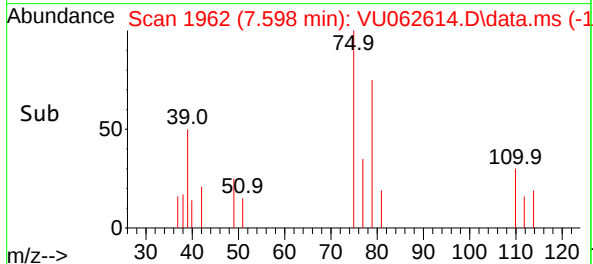
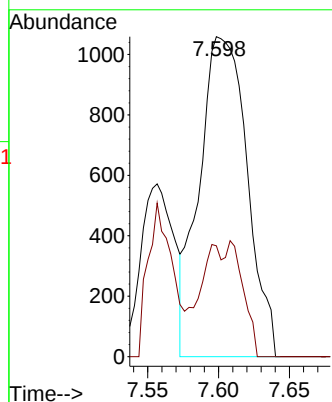
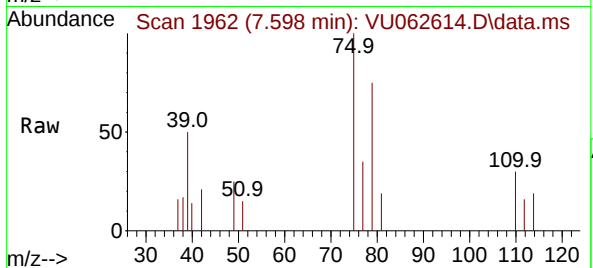




#39
 cis-1,3-Dichloropropene
 Concen: 0.212 ug/L
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU062614.D
 Acq: 27 Dec 2024 13:49

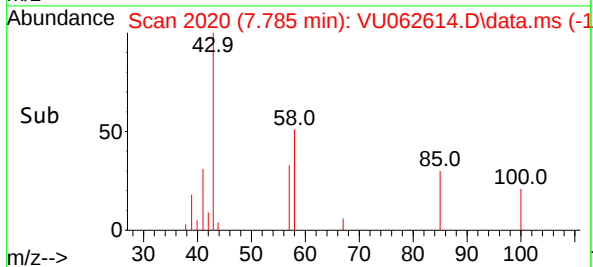
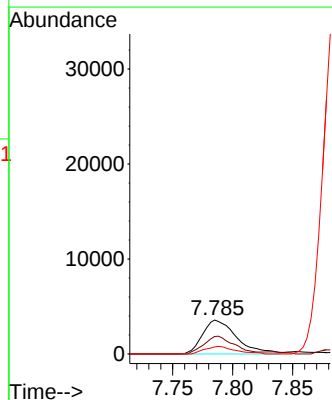
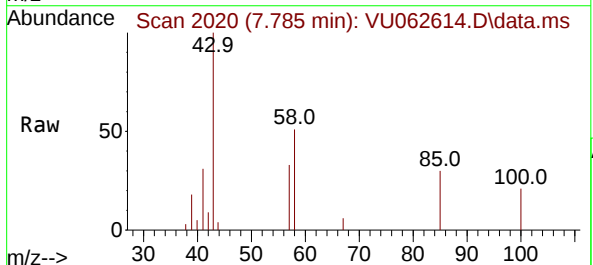
Instrument :
 MSVOA_U
 ClientSampleId :

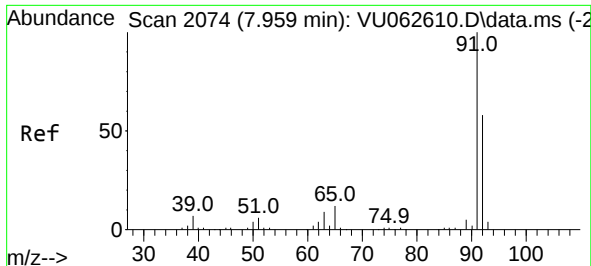
Tgt Ion: 75 Resp: 2491
 Ion Ratio Lower Upper
 75 100
 77 34.7 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 2.052 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.006 min
 Lab File: VU062614.D
 Acq: 27 Dec 2024 13:49

Tgt Ion: 43 Resp: 7044
 Ion Ratio Lower Upper
 43 100
 58 46.5 33.3 49.9
 100 0.0 12.4 18.6#





#42

Toluene

Concen: 0.216 ug/L

RT: 7.965 min Scan# 2074

Delta R.T. 0.006 min

Lab File: VU062614.D

Acq: 27 Dec 2024 13:49

Instrument :

MSVOA_U

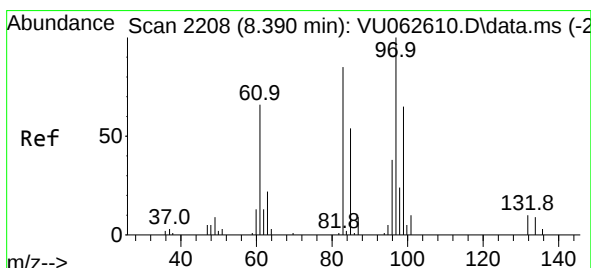
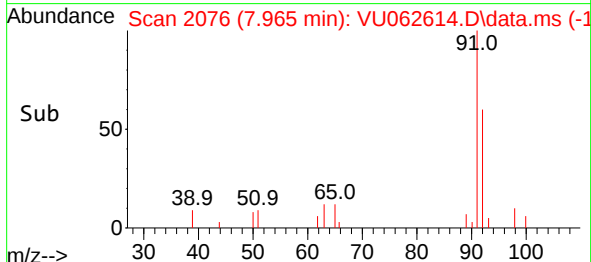
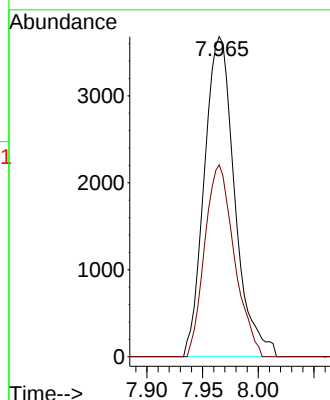
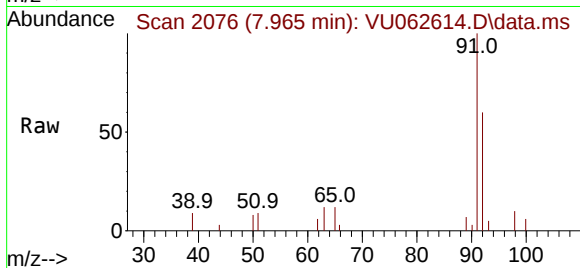
ClientSampleId :

Tgt Ion: 91 Resp: 6991

Ion Ratio Lower Upper

91 100

92 60.0 39.0 72.4



#45

1,1,2-Trichloroethane

Concen: 0.219 ug/L

RT: 8.396 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VU062614.D

Acq: 27 Dec 2024 13:49

Tgt Ion: 97 Resp: 1211

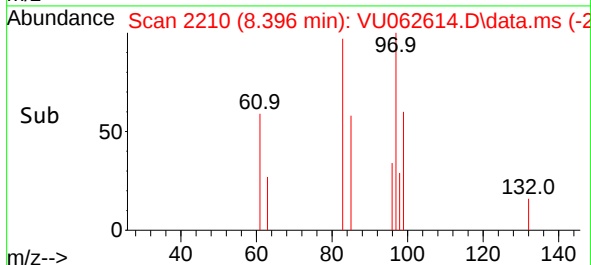
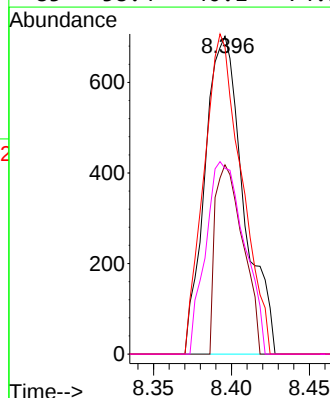
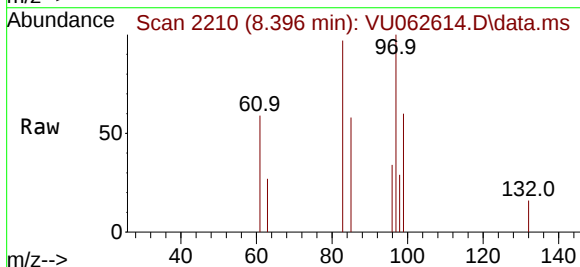
Ion Ratio Lower Upper

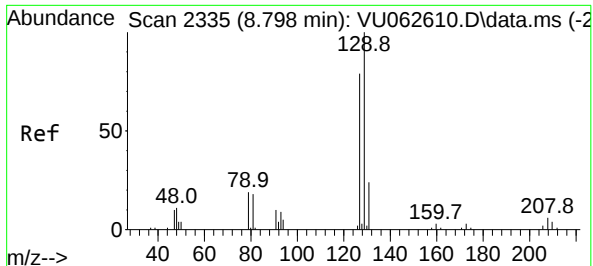
97 100

99 59.5 43.0 79.8

83 96.6 61.7 114.5

85 58.4 40.1 74.5





#49

Dibromochloromethane

Concen: 0.258 ug/L

RT: 8.798 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU062614.D

Acq: 27 Dec 2024 13:49

Instrument :

MSVOA_U

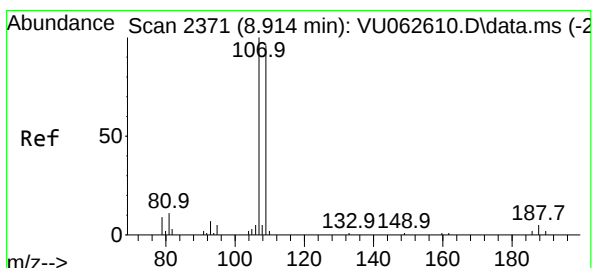
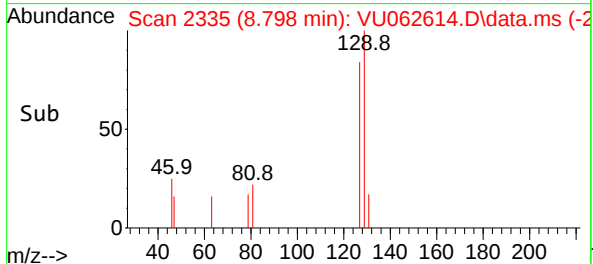
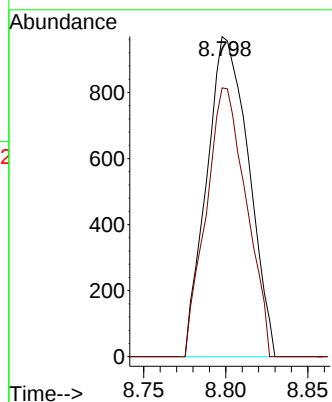
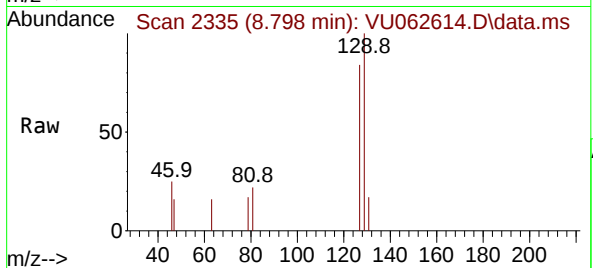
ClientSampleId :

Tgt Ion:129 Resp: 1722

Ion Ratio Lower Upper

129 100

127 84.0 51.1 94.9



#50

1,2-Dibromoethane

Concen: 0.234 ug/L

RT: 8.913 min Scan# 2371

Delta R.T. -0.000 min

Lab File: VU062614.D

Acq: 27 Dec 2024 13:49

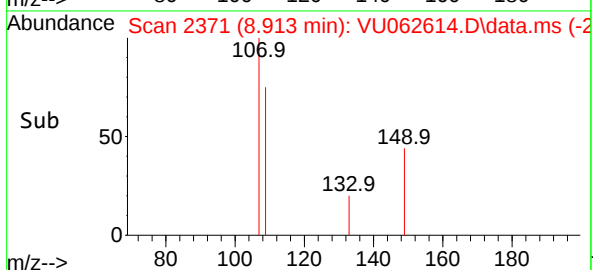
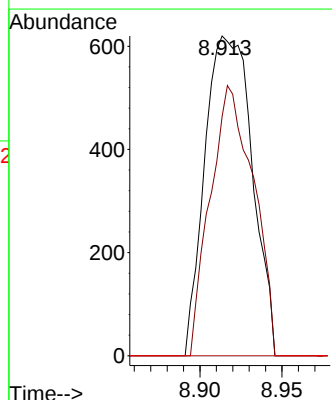
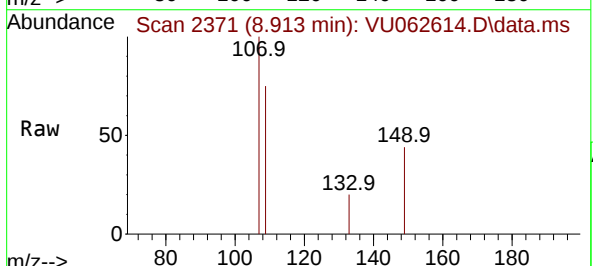
Tgt Ion:107 Resp: 1243

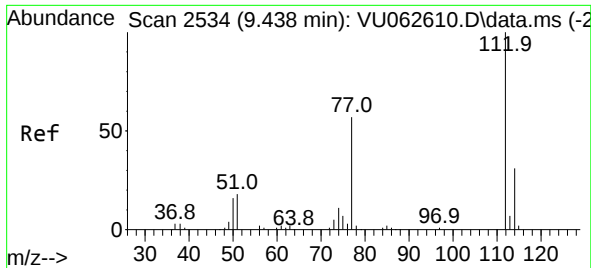
Ion Ratio Lower Upper

107 100

109 74.8 66.8 124.2

188 0.0 2.3 3.5#

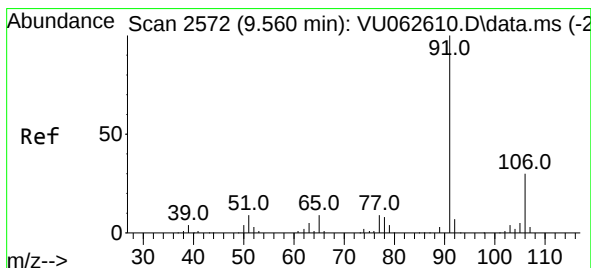
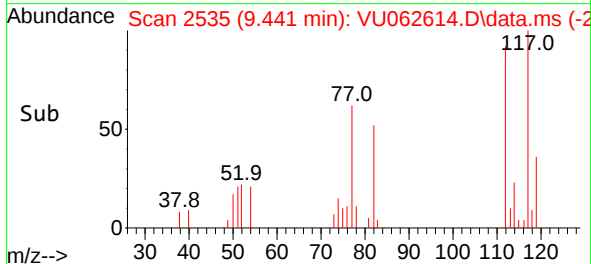
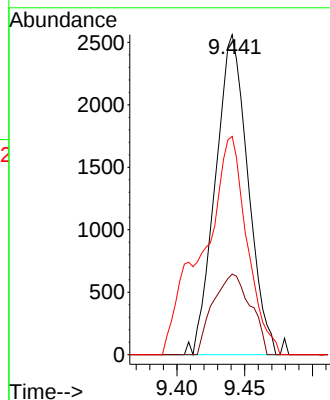
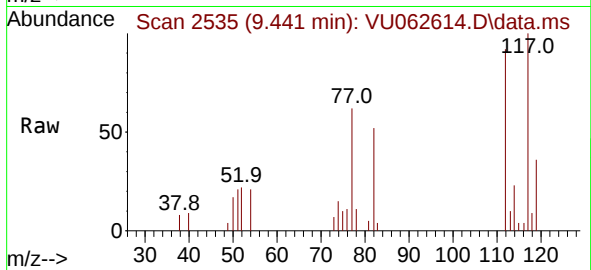




#51
Chlorobenzene
Concen: 0.206 ug/L
RT: 9.441 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49

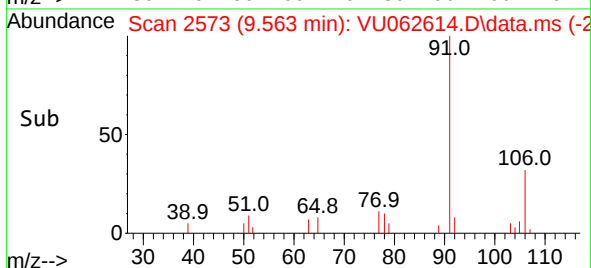
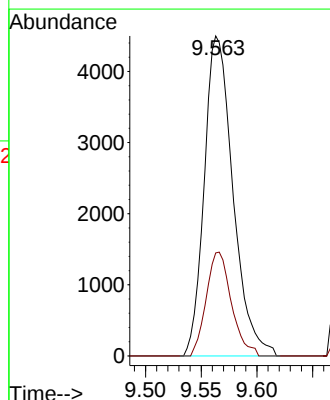
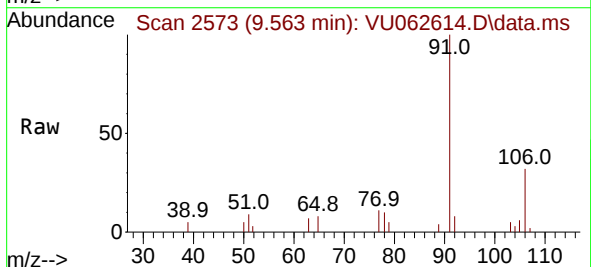
Instrument :
MSVOA_U
ClientSampleId :

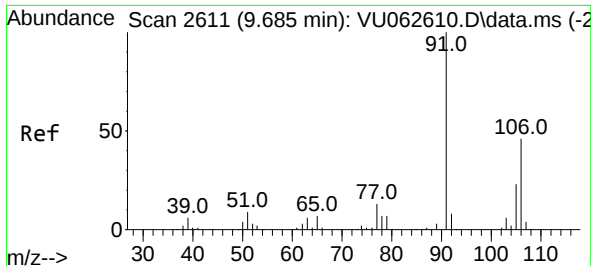
Tgt Ion:112 Resp: 4281
Ion Ratio Lower Upper
112 100
114 25.2 23.0 42.6
77 68.2 50.5 75.7



#52
Ethylbenzene
Concen: 0.222 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.003 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49

Tgt Ion: 91 Resp: 8057
Ion Ratio Lower Upper
91 100
106 32.2 21.6 40.0

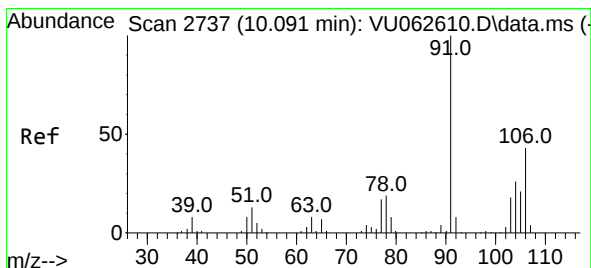
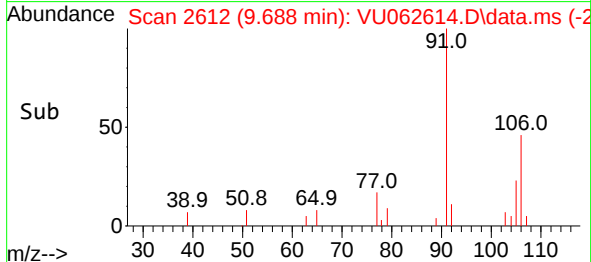
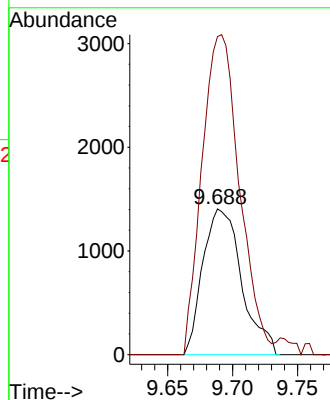
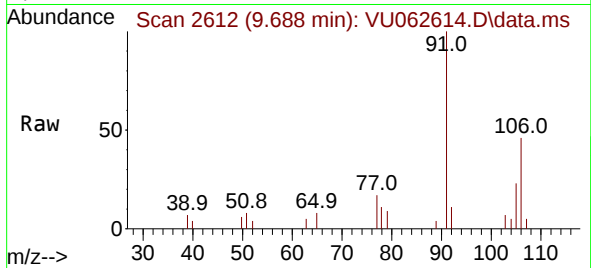




#53
m,p-Xylene
Concen: 0.218 ug/L
RT: 9.688 min Scan# 2611
Delta R.T. 0.003 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49

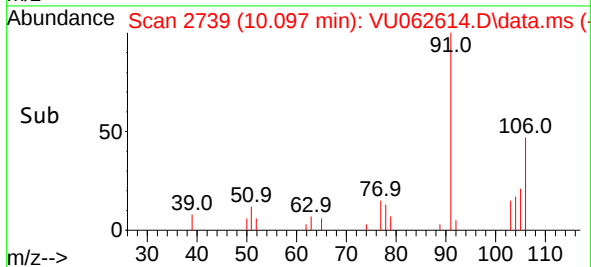
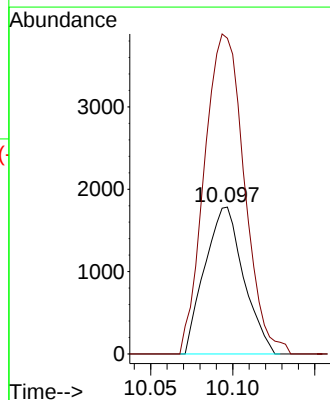
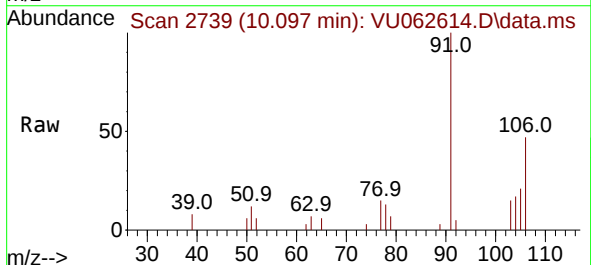
Instrument :
MSVOA_U
ClientSampleId :

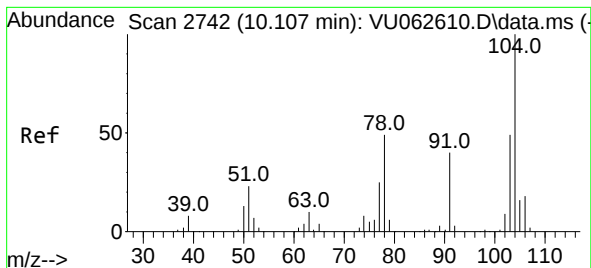
Tgt Ion:106 Resp: 2922
Ion Ratio Lower Upper
106 100
91 218.1 147.6 274.0



#54
o-Xylene
Concen: 0.224 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.006 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49

Tgt Ion:106 Resp: 2927
Ion Ratio Lower Upper
106 100
91 214.9 159.8 296.8





#55

Styrene

Concen: 0.190 ug/L

RT: 10.116 min Scan# 21

Delta R.T. 0.009 min

Lab File: VU062614.D

Acq: 27 Dec 2024 13:49

Instrument :

MSVOA_U

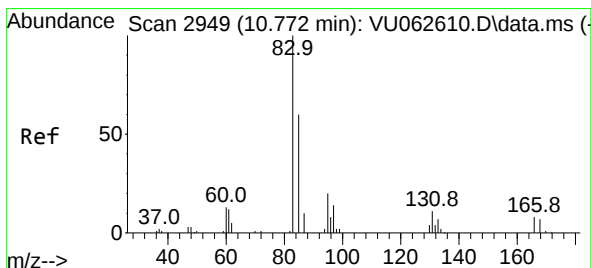
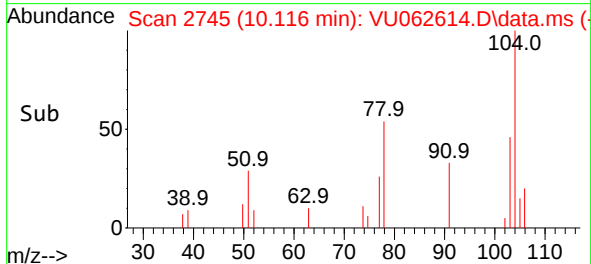
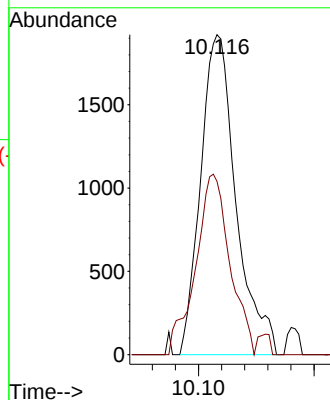
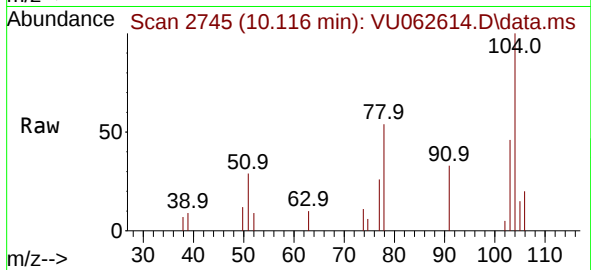
ClientSampleId :

Tgt Ion:104 Resp: 4085

Ion Ratio Lower Upper

104 100

78 54.1 33.2 61.7



#57

1,1,2,2-Tetrachloroethane

Concen: 0.243 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU062614.D

Acq: 27 Dec 2024 13:49

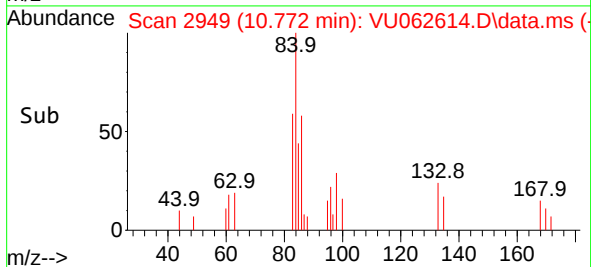
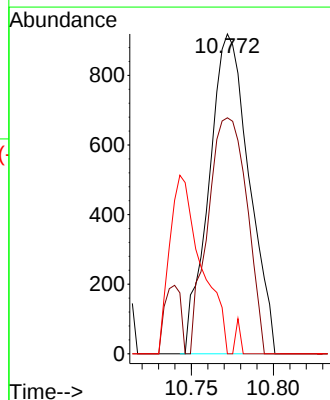
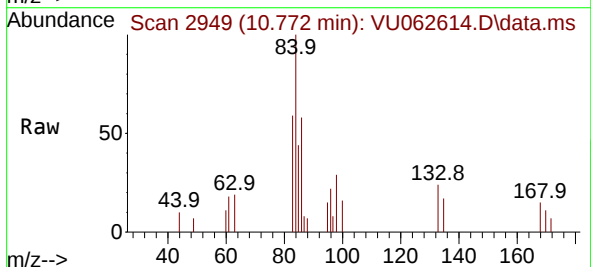
Tgt Ion: 83 Resp: 1562

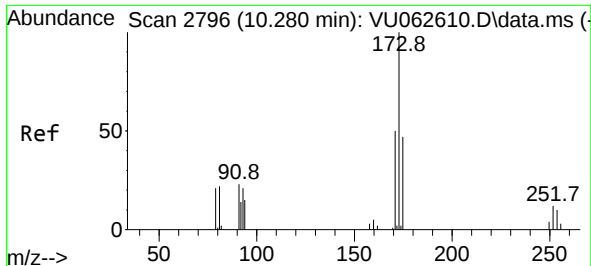
Ion Ratio Lower Upper

83 100

85 73.8 44.4 82.4

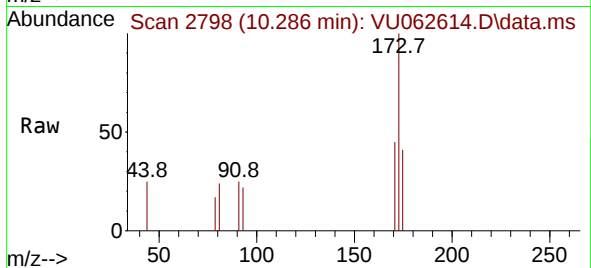
131 0.0 7.3 10.9#



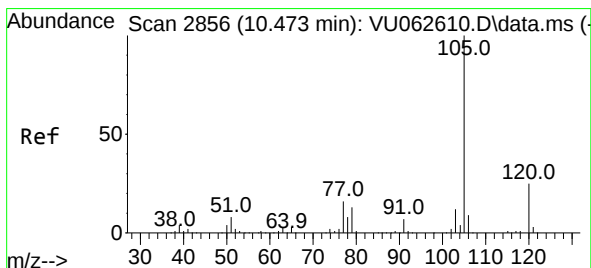
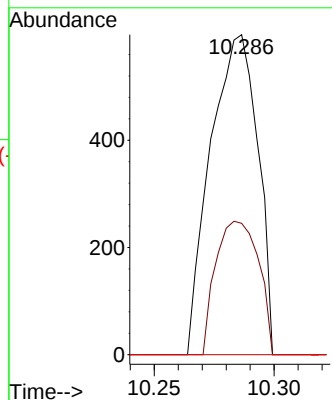
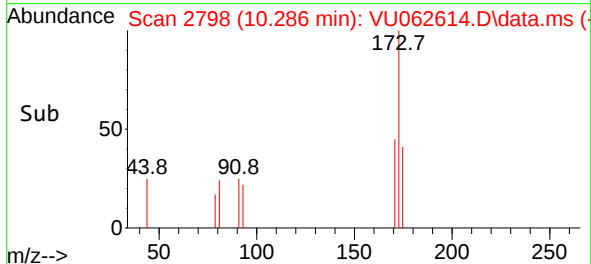


#59
Bromoform
Concen: 0.209 ug/L
RT: 10.286 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49

Instrument :
MSVOA_U
ClientSampleId :

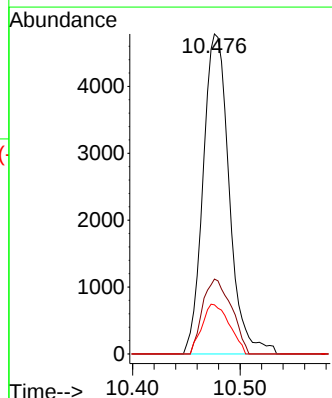
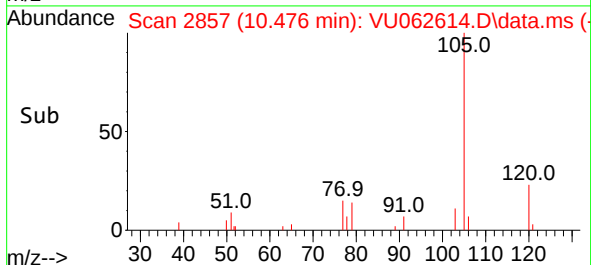
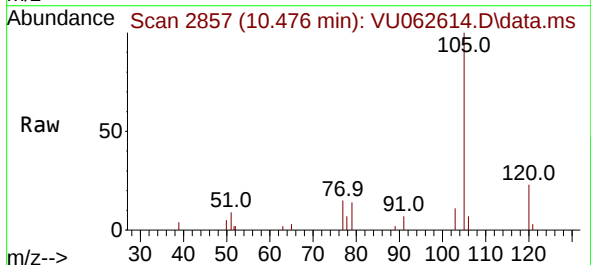


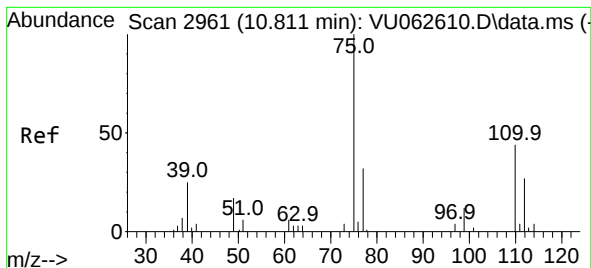
Tgt Ion:173 Resp: 815
Ion Ratio Lower Upper
173 100
175 37.8 39.0 58.4#
254 0.0 7.4 11.0#



#60
Isopropylbenzene
Concen: 0.225 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. 0.003 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49

Tgt Ion:105 Resp: 8054
Ion Ratio Lower Upper
105 100
120 25.8 20.6 31.0
77 16.2 13.0 19.6





#61

1,2,3-Trichloropropane

Concen: 0.261 ug/L

RT: 10.817 min Scan# 2961

Delta R.T. 0.006 min

Lab File: VU062614.D

Acq: 27 Dec 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :

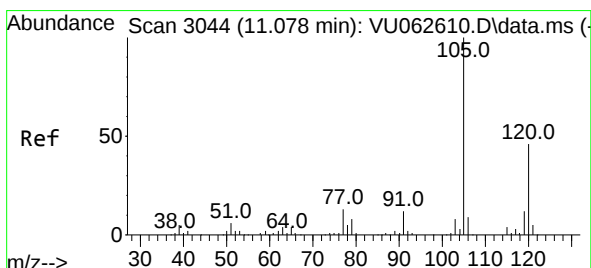
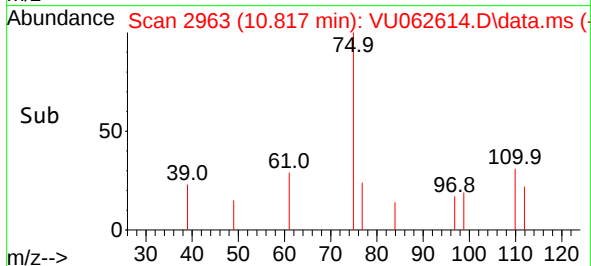
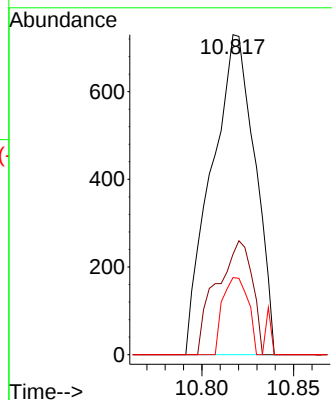
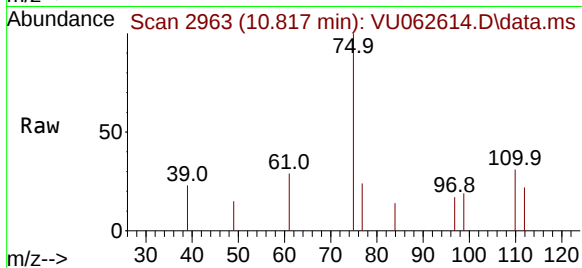
Tgt Ion: 75 Resp: 1200

Ion Ratio Lower Upper

75 100

110 29.2 28.9 43.3

77 14.0 26.5 39.7#



#62

1,3,5-Trimethylbenzene

Concen: 0.208 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. 0.006 min

Lab File: VU062614.D

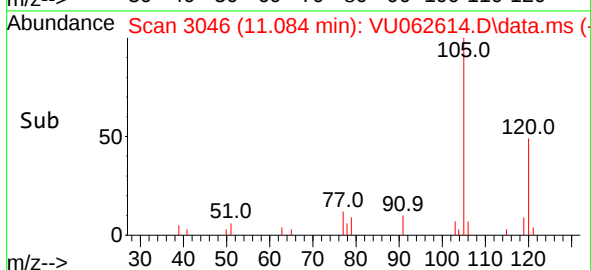
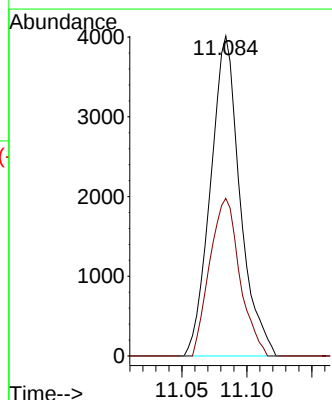
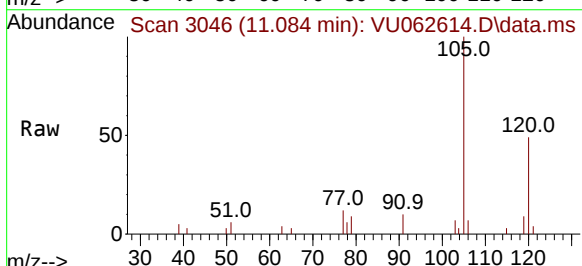
Acq: 27 Dec 2024 13:49

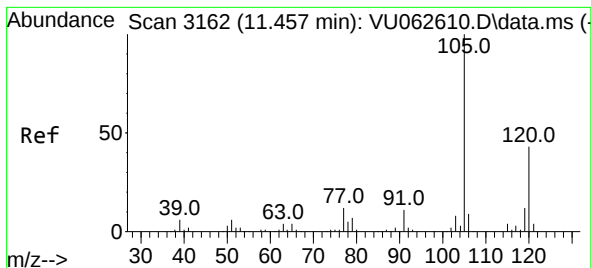
Tgt Ion: 105 Resp: 6328

Ion Ratio Lower Upper

105 100

120 50.1 36.7 55.1





#63

1,2,4-Trimethylbenzene

Concen: 0.201 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.006 min

Lab File: VU062614.D

Acq: 27 Dec 2024 13:49

Instrument :

MSVOA_U

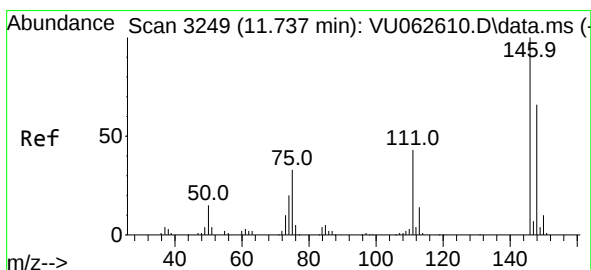
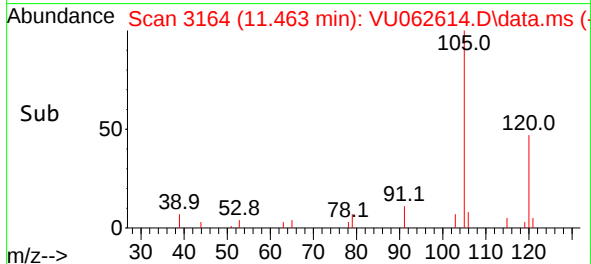
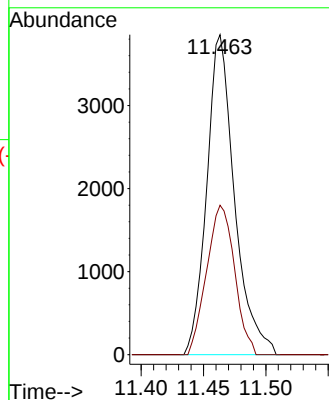
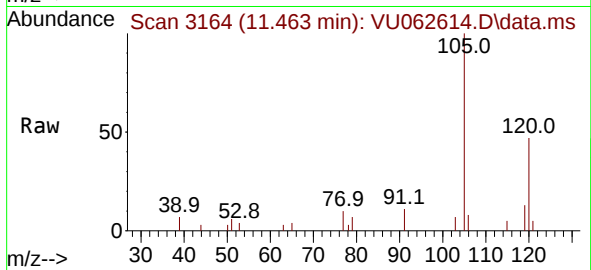
ClientSampleId :

Tgt Ion:105 Resp: 5974

Ion Ratio Lower Upper

105 100

120 46.9 34.7 52.1



#64

1,3-Dichlorobenzene

Concen: 0.215 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. 0.003 min

Lab File: VU062614.D

Acq: 27 Dec 2024 13:49

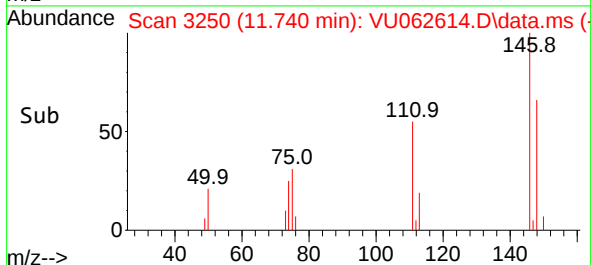
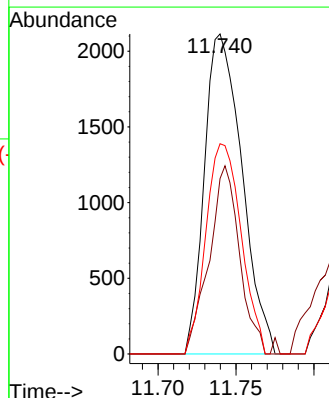
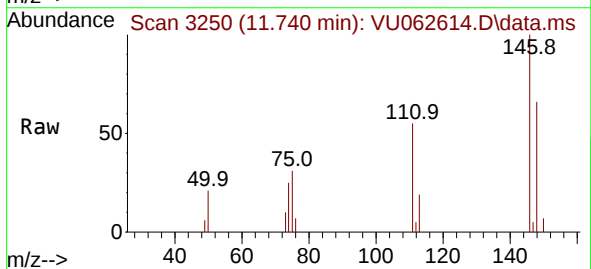
Tgt Ion:146 Resp: 3537

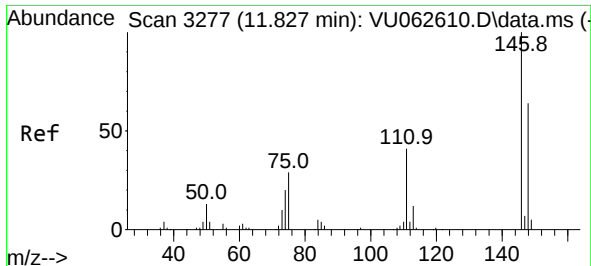
Ion Ratio Lower Upper

146 100

111 54.8 30.7 57.1

148 65.7 45.1 83.7

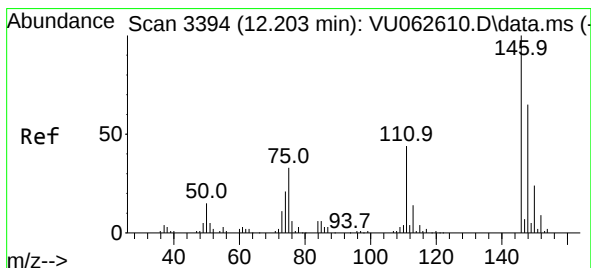
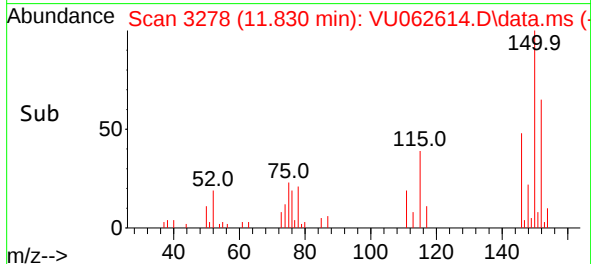
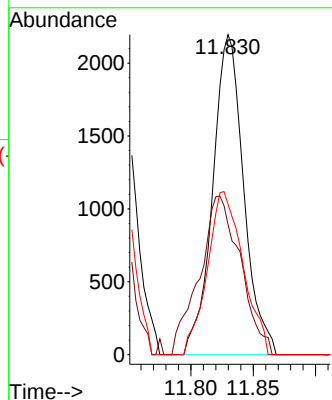
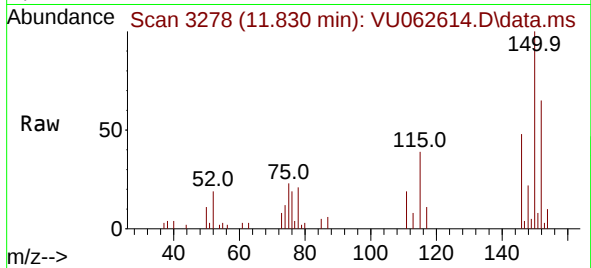




#65
1,4-Dichlorobenzene
Concen: 0.229 ug/L
RT: 11.830 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49

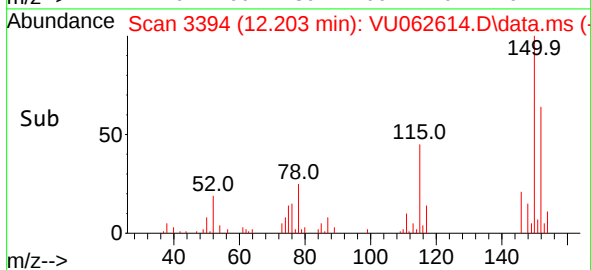
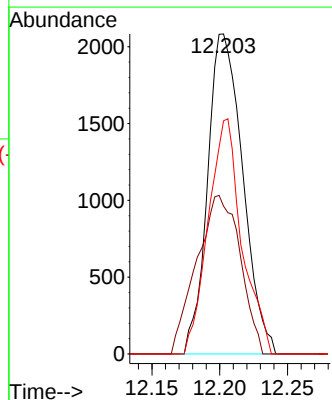
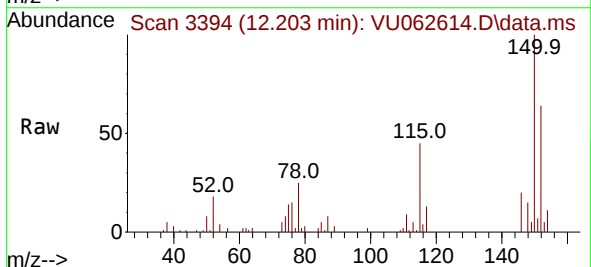
Instrument :
MSVOA_U
ClientSampleId :

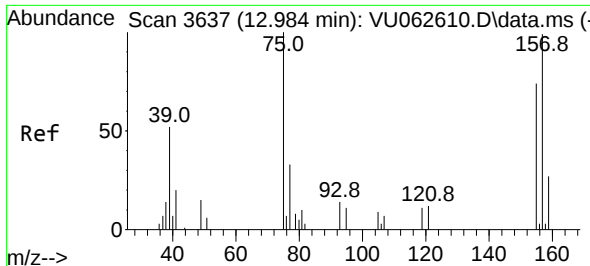
Tgt Ion:146 Resp: 3800
Ion Ratio Lower Upper
146 100
111 40.6 29.3 54.3
148 47.0 44.6 82.8



#67
1,2-Dichlorobenzene
Concen: 0.247 ug/L
RT: 12.203 min Scan# 3394
Delta R.T. -0.000 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49

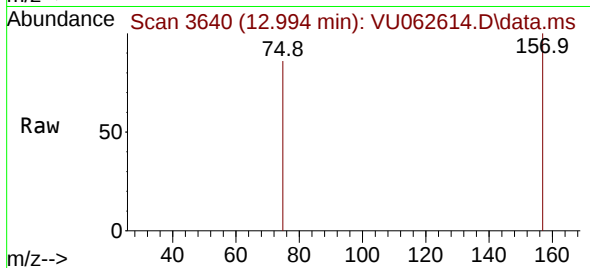
Tgt Ion:146 Resp: 3761
Ion Ratio Lower Upper
146 100
111 51.9 36.0 54.0
148 72.9 52.3 78.5



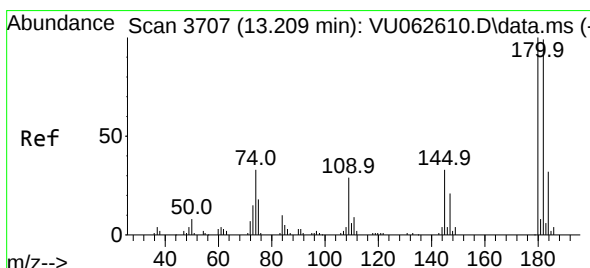
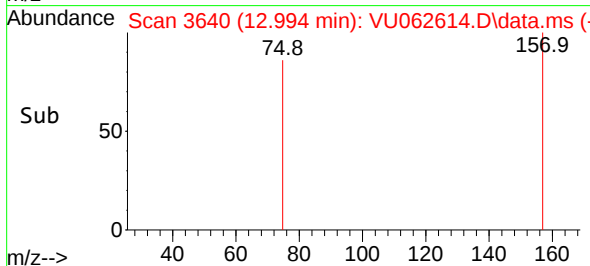
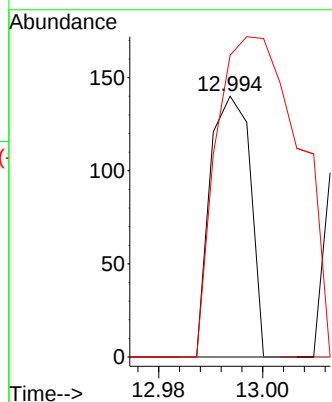


#68
1,2-Dibromo-3-chloropropane
Concen: 0.075 ug/L
RT: 12.994 min Scan# 3640
Delta R.T. 0.009 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49

Instrument :
MSVOA_U
ClientSampleId :

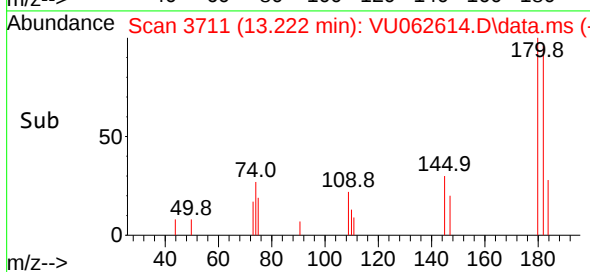
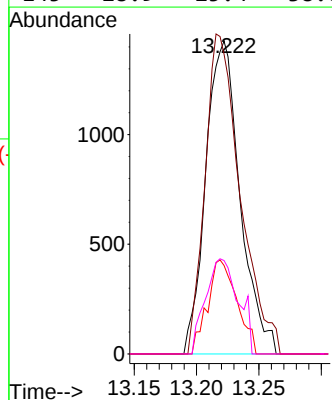
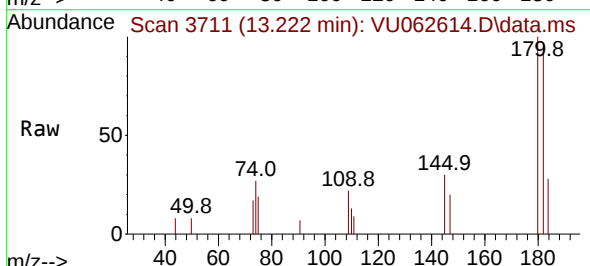


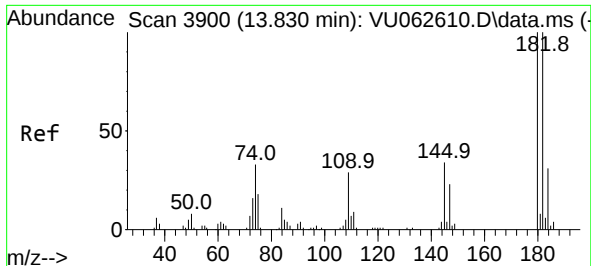
Tgt Ion: 75 Resp: 75
Ion Ratio Lower Upper
75 100
155 0.0 55.2 82.8#
157 115.7 73.5 110.3#



#69
1,3,5-Trichlorobenzene
Concen: 0.223 ug/L
RT: 13.222 min Scan# 3711
Delta R.T. 0.013 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49

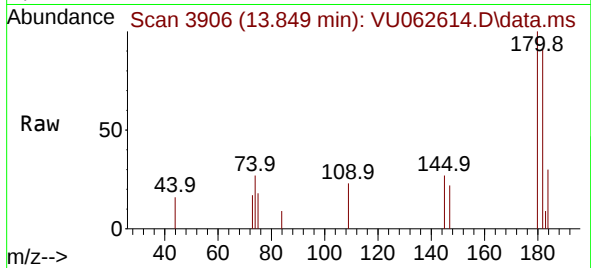
Tgt Ion: 180 Resp: 2733
Ion Ratio Lower Upper
180 100
182 104.5 76.7 115.1
184 25.8 24.8 37.2
145 28.9 25.4 38.0



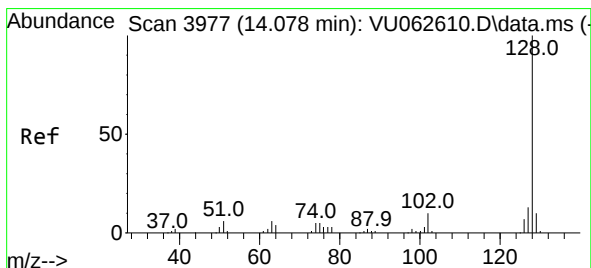
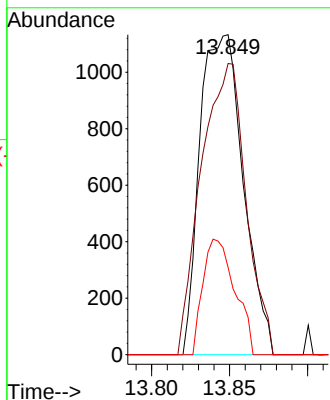
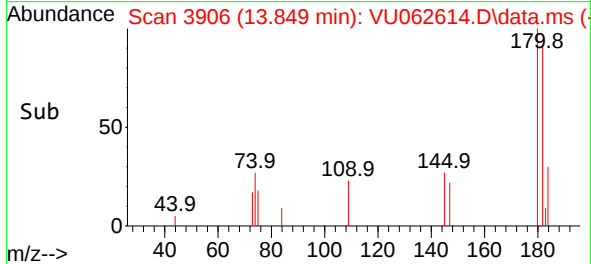


#70
1,2,4-trichlorobenzene
Concen: 0.226 ug/L
RT: 13.849 min Scan# 3906
Delta R.T. 0.019 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49

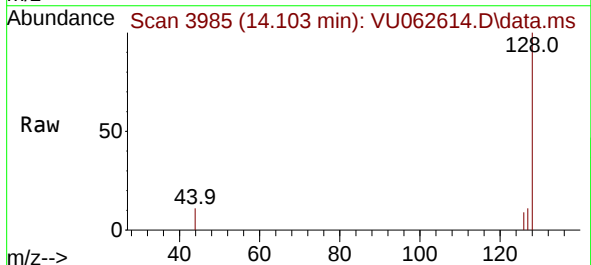
Instrument :
MSVOA_U
ClientSampleId :



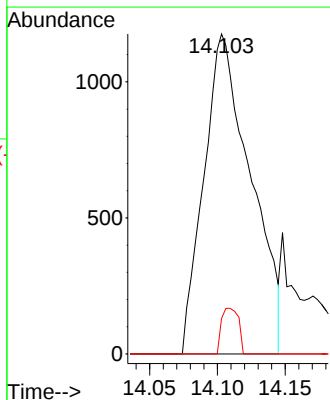
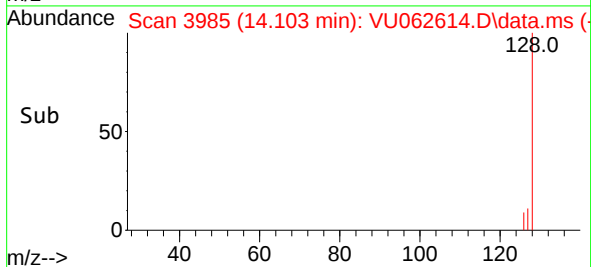
Tgt Ion:180 Resp: 2190
Ion Ratio Lower Upper
180 100
182 93.7 74.5 111.7
145 26.5 25.6 38.4

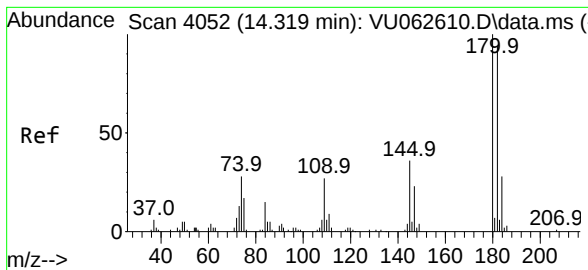


#71
Naphthalene
Concen: 0.194 ug/L
RT: 14.103 min Scan# 3985
Delta R.T. 0.025 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49



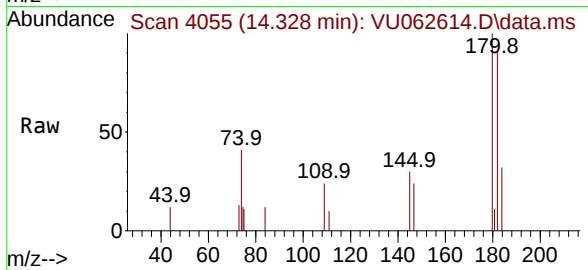
Tgt Ion:128 Resp: 2821
Ion Ratio Lower Upper
128 100
129 0.0 8.5 12.7#
127 5.2 10.2 15.4#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.232 ug/L
 RT: 14.328 min Scan# 4055
 Delta R.T. 0.009 min
 Lab File: VU062614.D
 Acq: 27 Dec 2024 13:49

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 1976
 Ion Ratio Lower Upper
 180 100
 182 87.0 76.1 114.1
 145 22.5 27.4 41.0#

