

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010225\
 Data File : VU062652.D
 Acq On : 02 Jan 2025 13:09
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 03 00:56:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 03 00:48:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	108436	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	101269	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	53133	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	30061	5.005	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.200%
7) Chloroethane-d5	1.901	69	24054	4.979	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.600%
11) 1,1-Dichloroethene-d2	2.557	65	14949	4.805	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.000%
20) 2-Butanone-d5	4.611	46	63753	51.940	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.880%
24) Chloroform-d	5.049	84	73678	4.986	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.692	65	40316	5.030	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.717	84	125490	5.069	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
36) 1,2-Dichloropropane-d6	6.679	67	35864	5.225	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.600%
41) Toluene-d8	7.888	98	122307	5.071	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
43) trans-1,3-Dichloroprop...	8.171	79	18177	5.313	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.200%
46) 2-Hexanone-d5	8.624	63	56058	52.098	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.200%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28860	5.021	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	12.183	152	47079	5.326	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	53666	5.195	ug/L	100
3) Chloromethane	1.515	50	34995	5.048	ug/L	99
5) Vinyl chloride	1.599	62	39503	5.061	ug/L	100
6) Bromomethane	1.843	94	29303	5.159	ug/L	93
8) Chloroethane	1.923	64	23099	4.925	ug/L	97
9) Trichlorofluoromethane	2.129	101	77832	4.943	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	37587	4.940	ug/L	99
12) 1,1-Dichloroethene	2.570	96	35425	5.263	ug/L	93
13) Acetone	2.618	43	43038	44.262	ug/L	97
14) Carbon disulfide	2.782	76	111316	5.177	ug/L	98
15) Methyl Acetate	2.943	43	10456	4.966	ug/L	99
16) Methylene chloride	3.033	84	36327	4.927	ug/L	97
17) Methyl tert-butyl Ether	3.351	73	92279	4.988	ug/L	99
18) trans-1,2-Dichloroethene	3.341	96	36744	5.095	ug/L	97
19) 1,1-Dichloroethane	3.853	63	65266	5.062	ug/L	96
21) 2-Butanone	4.692	43	64183	49.563	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	41104	5.234	ug/L	99
23) Bromochloromethane	4.962	128	18461	4.979	ug/L	99
25) Chloroform	5.074	83	77769	4.901	ug/L	98

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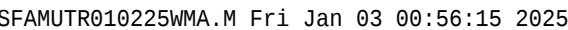
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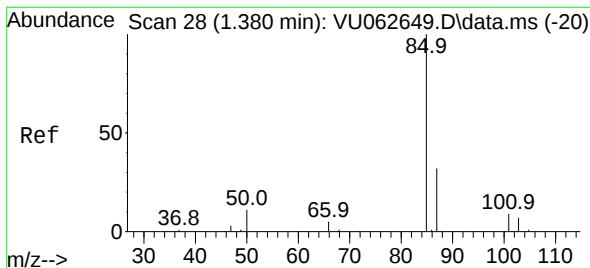
Quant Time: Jan 03 00:56:06 2025
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	51558	4.969	ug/L #	95
29) 1,1,1-Trichloroethane	5.303	97	75651	4.925	ug/L	98
30) Cyclohexane	5.377	56	53189	5.302	ug/L	99
31) Carbon tetrachloride	5.512	117	70007	4.959	ug/L	97
33) Benzene	5.762	78	147811	5.080	ug/L	100
34) Trichloroethene	6.534	95	46056	4.634	ug/L	99
35) Methylcyclohexane	6.753	83	62002	5.070	ug/L	98
37) 1,2-Dichloropropane	6.782	63	35138	5.119	ug/L	100
38) Bromodichloromethane	7.097	83	55050	4.987	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	59523	5.094	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	165986	51.770	ug/L	100
42) Toluene	7.962	91	165676	5.197	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	52314	5.193	ug/L	98
45) 1,1,2-Trichloroethane	8.389	97	28225	5.063	ug/L	97
47) Tetrachloroethene	8.544	164	35327	5.161	ug/L	95
48) 2-Hexanone	8.675	43	119528	51.856	ug/L	97
49) Dibromochloromethane	8.801	129	36826	4.920	ug/L	99
50) 1,2-Dibromoethane	8.917	107	28164	5.281	ug/L	96
51) Chlorobenzene	9.438	112	106290	5.098	ug/L	96
52) Ethylbenzene	9.563	91	187467	5.181	ug/L	96
53) m,p-Xylene	9.685	106	70606	5.218	ug/L	98
54) o-Xylene	10.093	106	68092	5.254	ug/L	99
55) Styrene	10.106	104	113314	5.227	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.772	83	31226	4.994	ug/L #	92
59) Bromoform	10.283	173	22292	4.810	ug/L	98
60) Isopropylbenzene	10.476	105	191578	5.232	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	23567	5.001	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	162531	5.223	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	161829	5.375	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	90591	5.337	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	89139	5.208	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	82035	5.157	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.990	75	6624	5.426	ug/L	94
69) 1,3,5-Trichlorobenzene	13.212	180	71087	5.560	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	60370	5.863	ug/L	97
71) Naphthalene	14.080	128	92391	6.132	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	51941	5.787	ug/L	98

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

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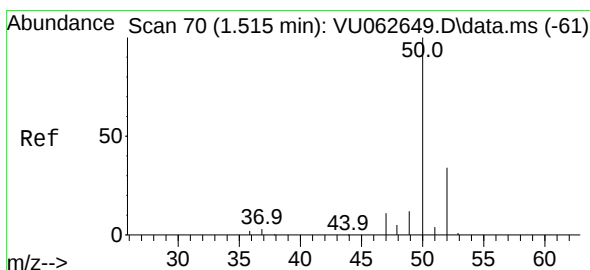
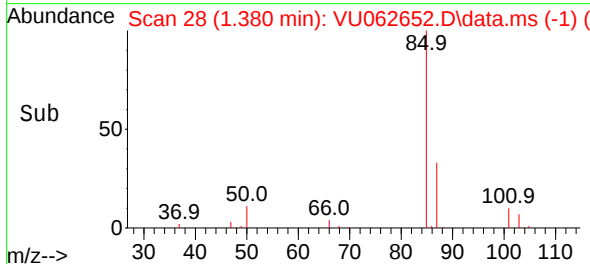
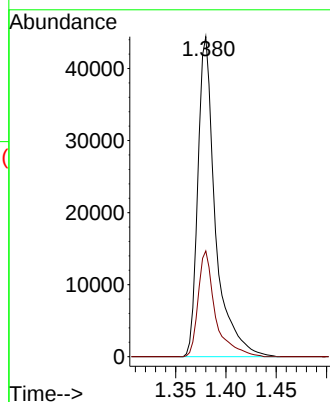
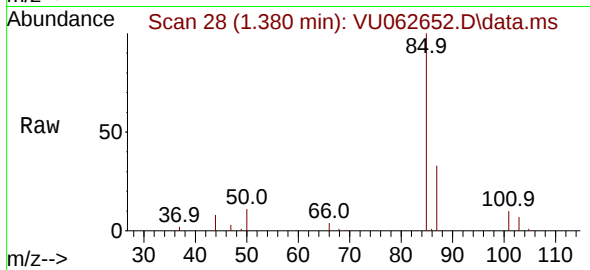




#2
 Dichlorodifluoromethane
 Concen: 5.195 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VU062652.D
 Acq: 02 Jan 2025 13:09

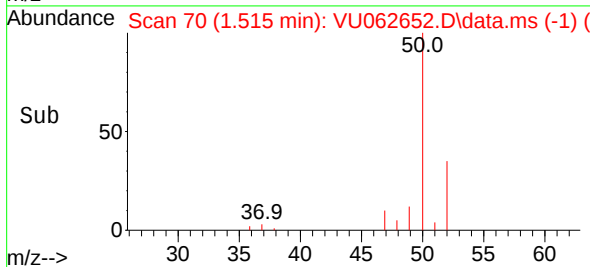
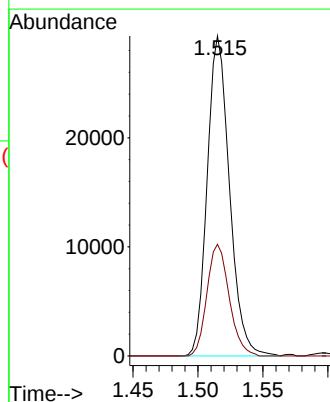
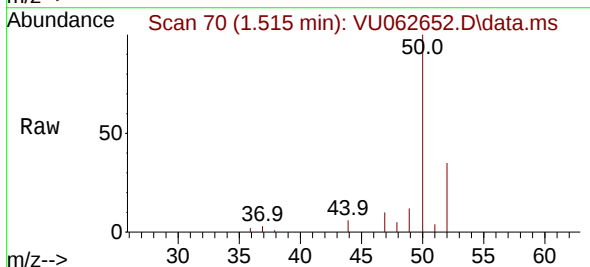
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 ClientSampleId :

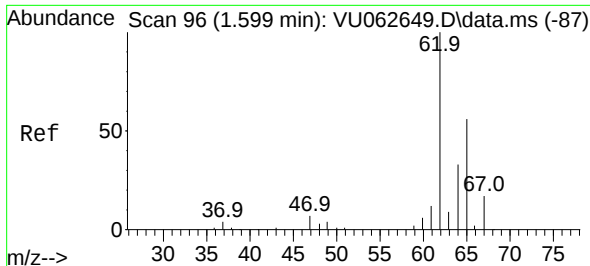
Tgt Ion: 85 Resp: 53666
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.1 39.1



#3
 Chloromethane
 Concen: 5.048 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU062652.D
 Acq: 02 Jan 2025 13:09

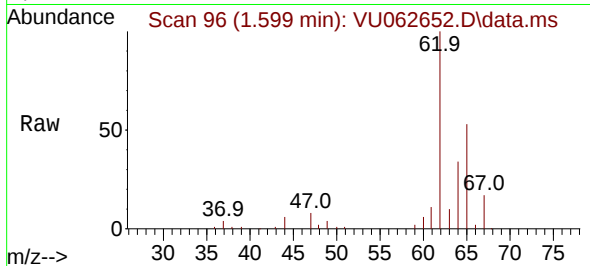
Tgt Ion: 50 Resp: 34995
 Ion Ratio Lower Upper
 50 100
 52 34.9 24.1 44.7



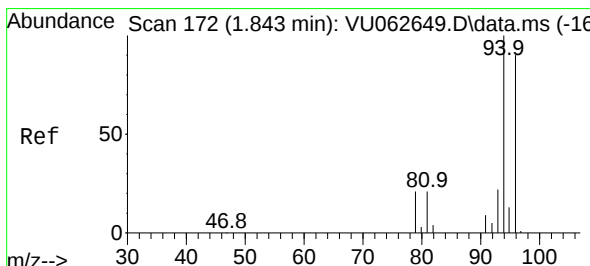
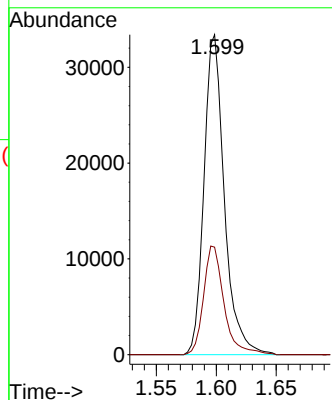
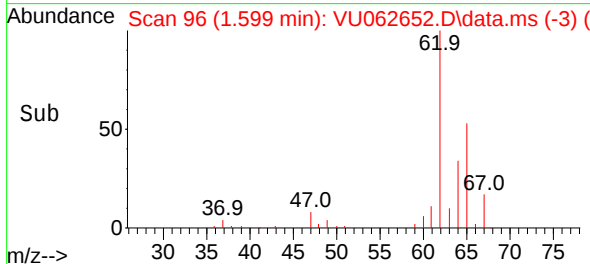


#5
 Vinyl chloride
 Concen: 5.061 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU062652.D
 Acq: 02 Jan 2025 13:09

Instrument :
 MSVOA_U
 ClientSampleId :

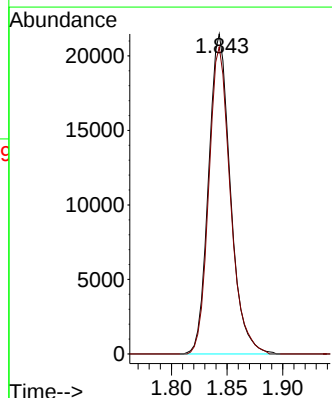
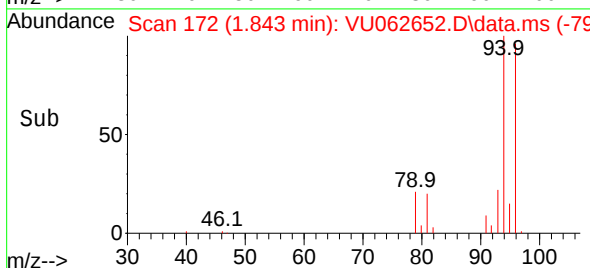
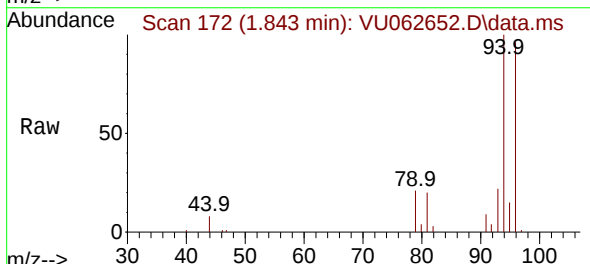


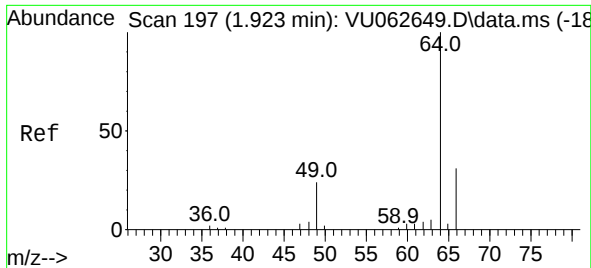
Tgt Ion: 62 Resp: 39503
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.4 43.4



#6
 Bromomethane
 Concen: 5.159 ug/L
 RT: 1.843 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VU062652.D
 Acq: 02 Jan 2025 13:09

Tgt Ion: 94 Resp: 29303
 Ion Ratio Lower Upper
 94 100
 96 95.9 62.9 116.7

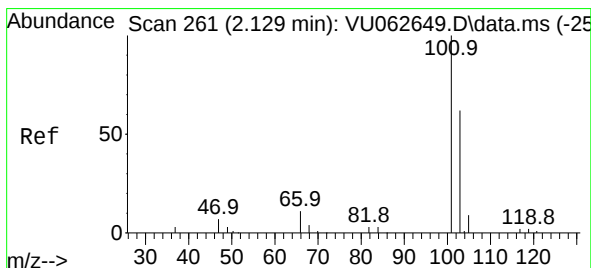
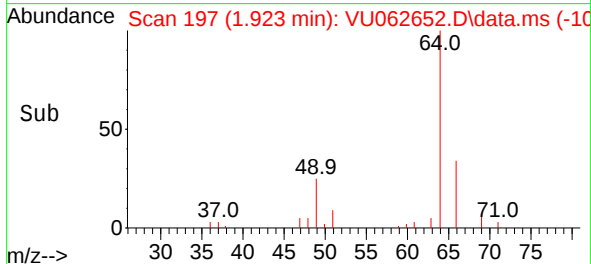
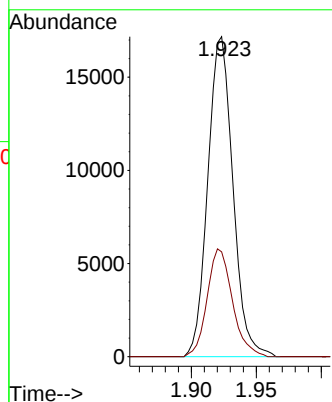
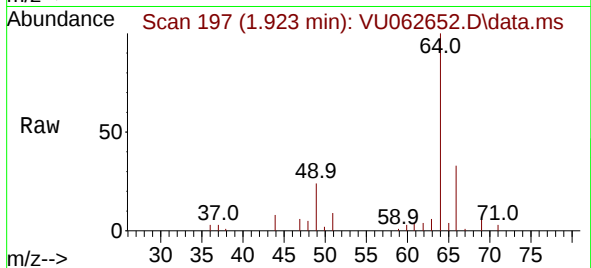




#8
Chloroethane
Concen: 4.925 ug/L
RT: 1.923 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU062652.D
Acq: 02 Jan 2025 13:09

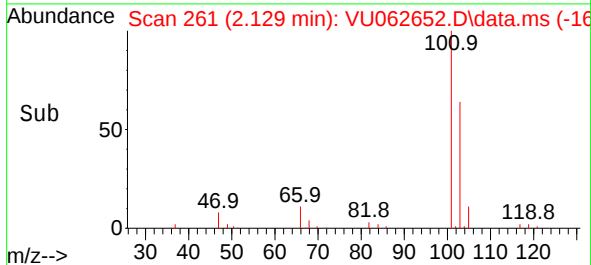
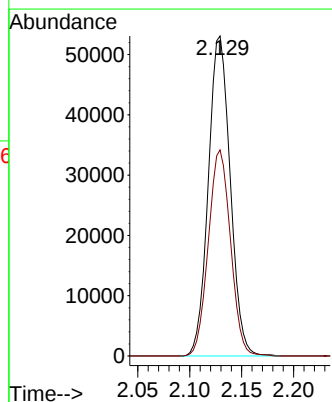
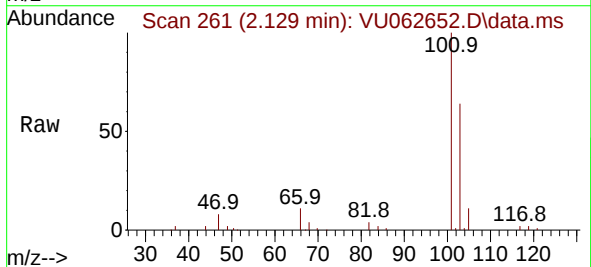
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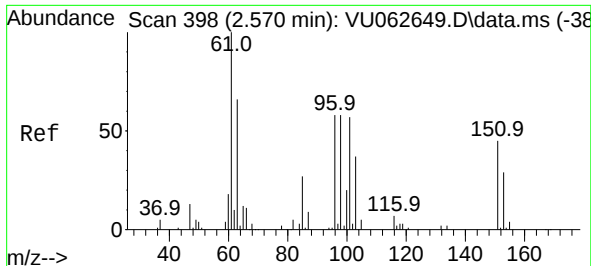
Tgt Ion: 64 Resp: 23099
Ion Ratio Lower Upper
64 100
66 32.8 21.6 40.2



#9
Trichlorofluoromethane
Concen: 4.943 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.000 min
Lab File: VU062652.D
Acq: 02 Jan 2025 13:09

Tgt Ion:101 Resp: 77832
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.0

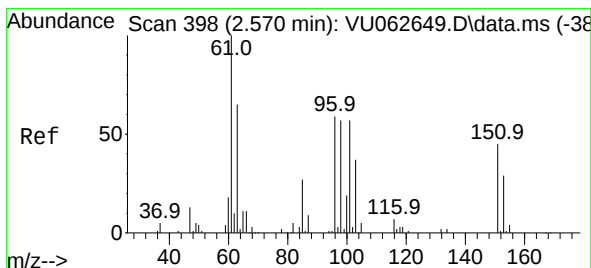
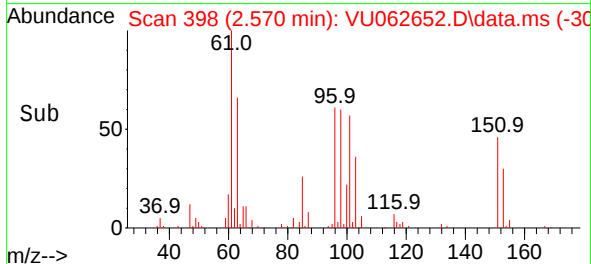
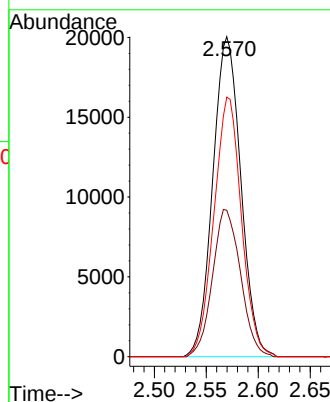
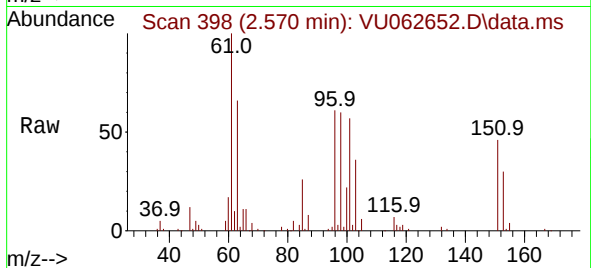




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.940 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. 0.000 min
 Lab File: VU062652.D
 Acq: 02 Jan 2025 13:09

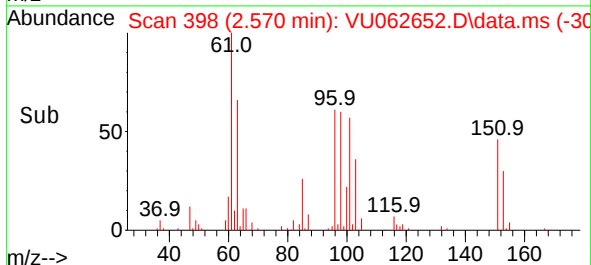
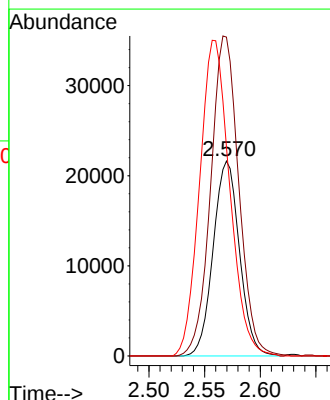
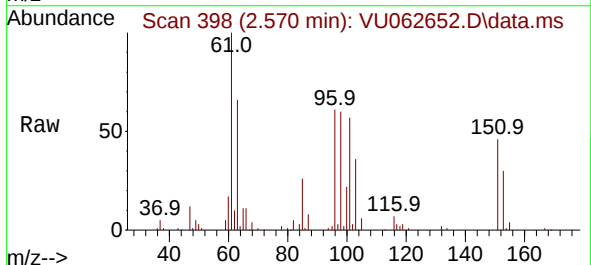
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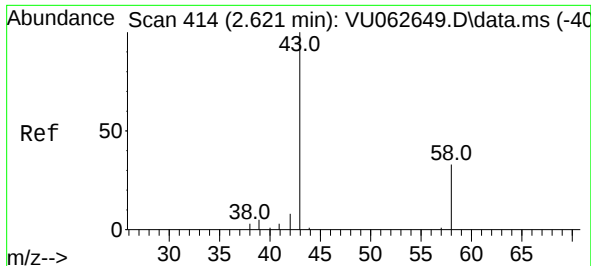
Tgt Ion:101 Resp: 37587
 Ion Ratio Lower Upper
 101 100
 85 46.0 37.0 55.6
 151 79.7 64.4 96.6



#12
 1,1-Dichloroethene
 Concen: 5.263 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. 0.000 min
 Lab File: VU062652.D
 Acq: 02 Jan 2025 13:09

Tgt Ion: 96 Resp: 35425
 Ion Ratio Lower Upper
 96 100
 61 163.6 120.4 223.6
 63 107.2 82.3 152.9





#13

Acetone

Concen: 44.262 ug/L

RT: 2.618 min Scan# 414

Delta R.T. -0.003 min

Lab File: VU062652.D

Acq: 02 Jan 2025 13:09

Instrument :

MSVOA_U

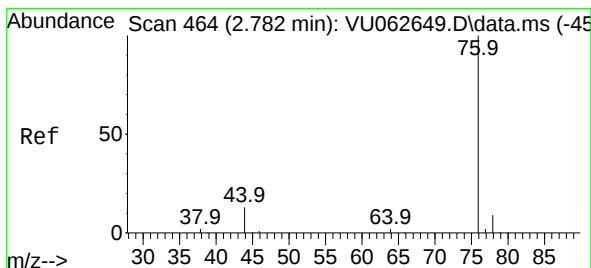
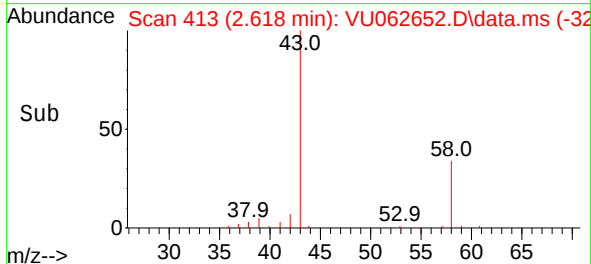
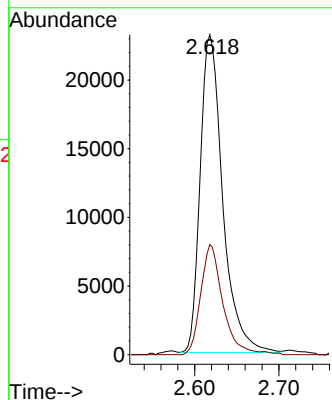
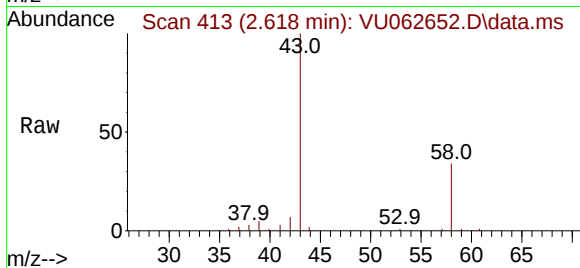
ClientSampleId :

Tgt Ion: 43 Resp: 43038

Ion Ratio Lower Upper

43 100

58 34.1 0.0 64.4



#14

Carbon disulfide

Concen: 5.177 ug/L

RT: 2.782 min Scan# 464

Delta R.T. 0.000 min

Lab File: VU062652.D

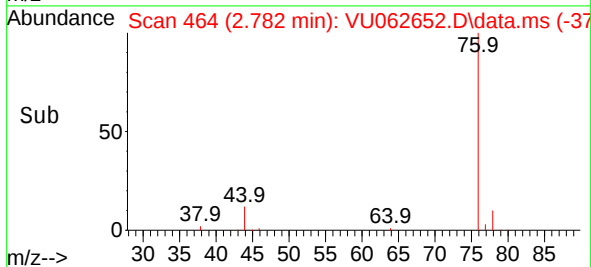
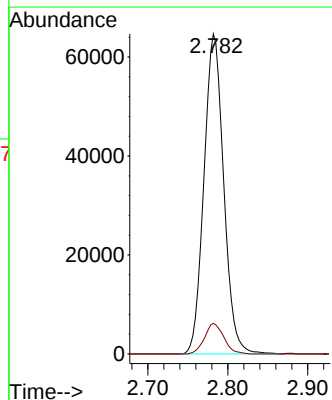
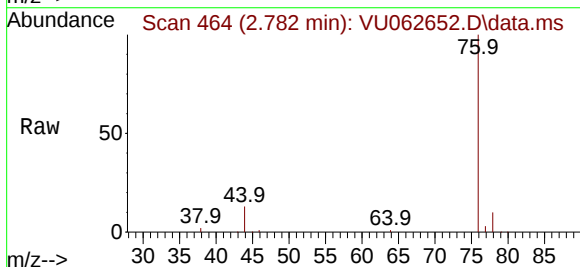
Acq: 02 Jan 2025 13:09

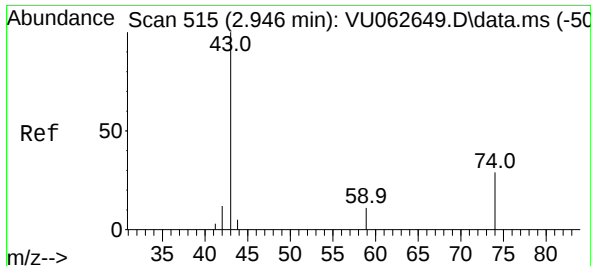
Tgt Ion: 76 Resp: 111316

Ion Ratio Lower Upper

76 100

78 9.6 7.0 10.6





#15

Methyl Acetate

Concen: 4.966 ug/L

RT: 2.943 min Scan# 51

Delta R.T. -0.003 min

Lab File: VU062652.D

Acq: 02 Jan 2025 13:09

Instrument :

MSVOA_U

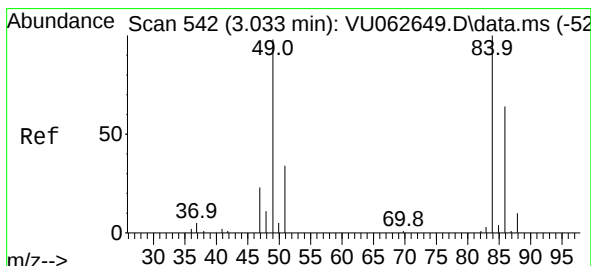
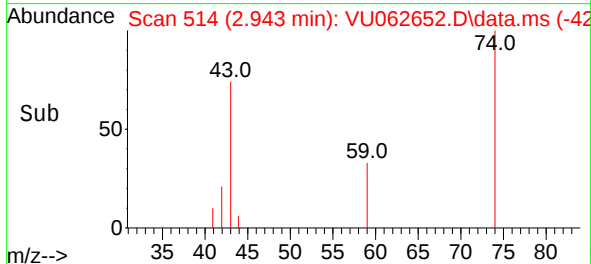
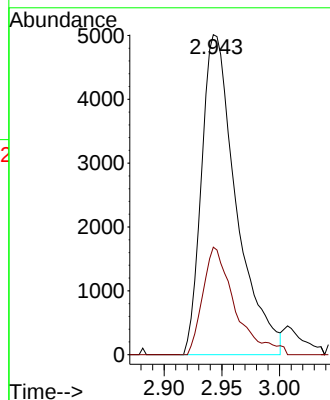
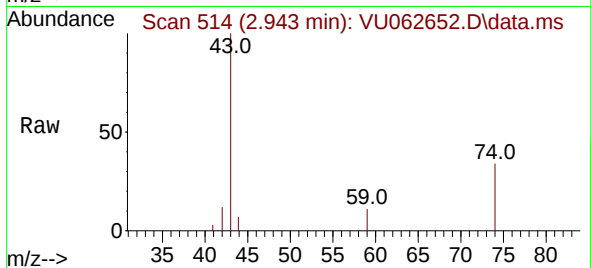
ClientSampleId :

Tgt Ion: 43 Resp: 10456

Ion Ratio Lower Upper

43 100

74 31.1 24.4 36.6



#16

Methylene chloride

Concen: 4.927 ug/L

RT: 3.033 min Scan# 542

Delta R.T. -0.000 min

Lab File: VU062652.D

Acq: 02 Jan 2025 13:09

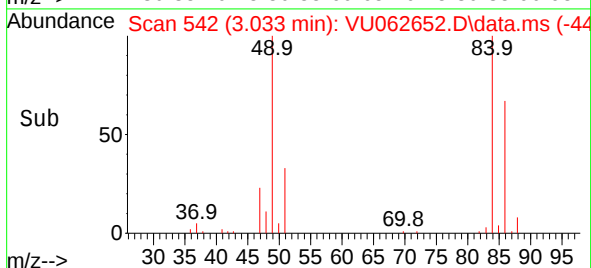
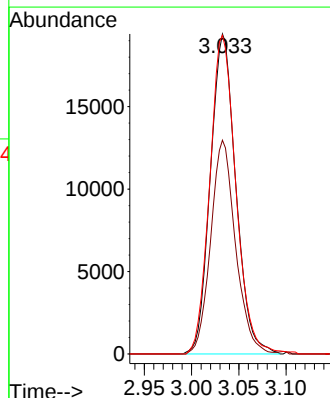
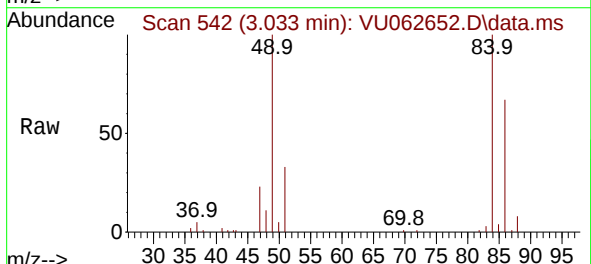
Tgt Ion: 84 Resp: 36327

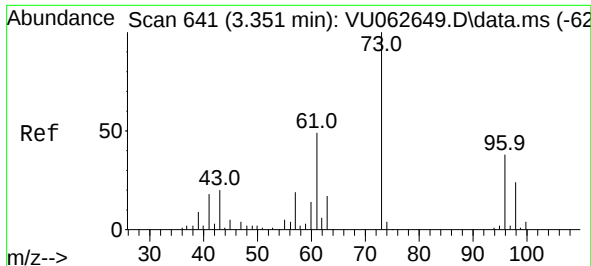
Ion Ratio Lower Upper

84 100

86 66.8 44.7 83.1

49 99.6 68.3 126.9

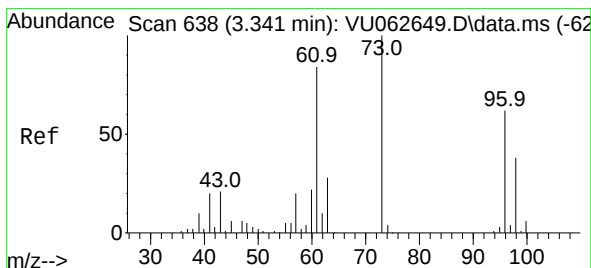
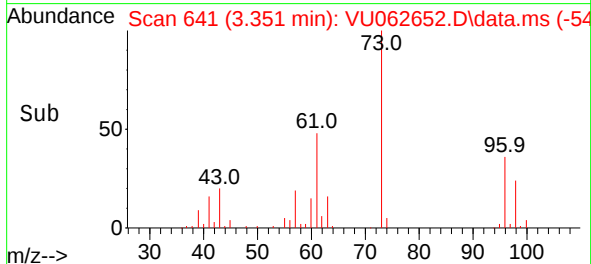
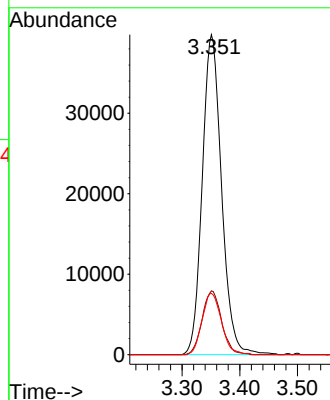
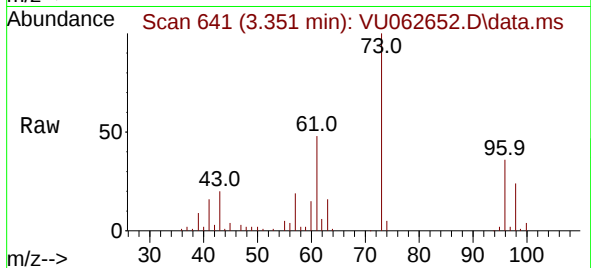




#17
Methyl tert-butyl Ether
Concen: 4.988 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU062652.D
Acq: 02 Jan 2025 13:09

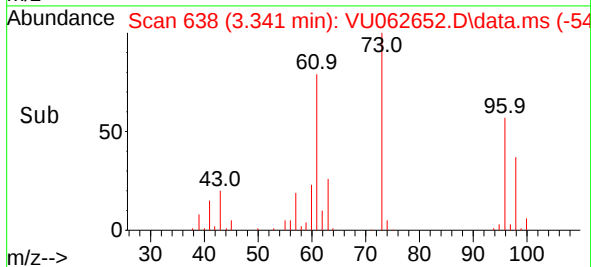
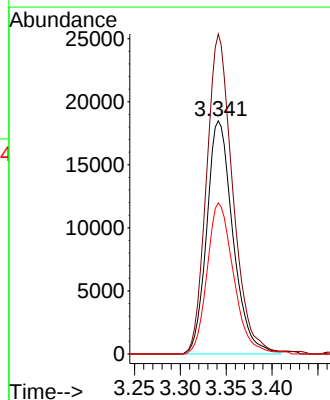
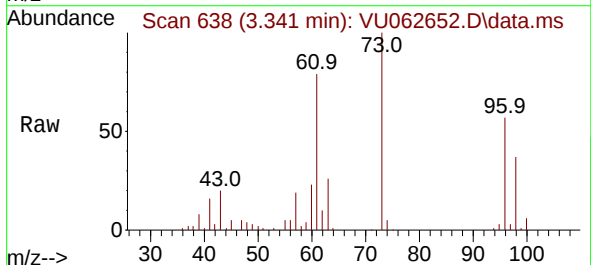
Instrument :
MSVOA_U
ClientSampleId :

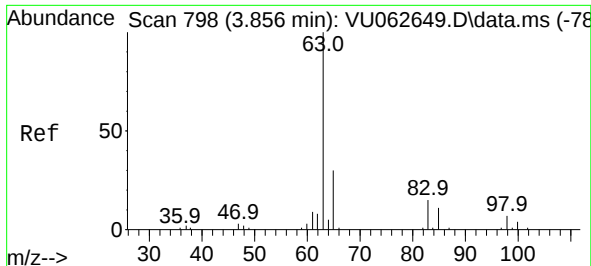
Tgt Ion: 73	Resp: 92279
Ion Ratio	Lower Upper
73 100	
43 20.1	16.2 24.4
57 19.3	14.6 22.0



#18
trans-1,2-Dichloroethene
Concen: 5.095 ug/L
RT: 3.341 min Scan# 638
Delta R.T. -0.000 min
Lab File: VU062652.D
Acq: 02 Jan 2025 13:09

Tgt Ion: 96	Resp: 36744
Ion Ratio	Lower Upper
96 100	
61 137.3	94.4 175.2
98 64.8	42.8 79.4

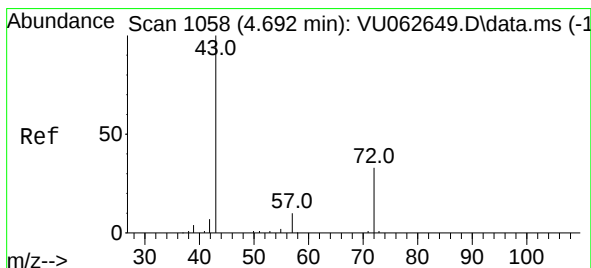
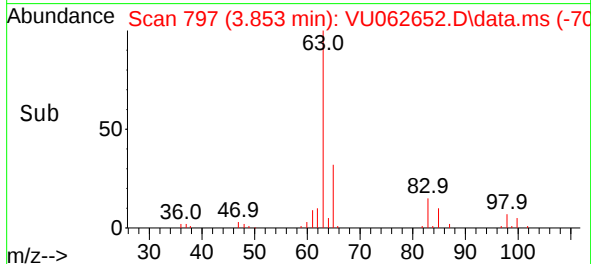
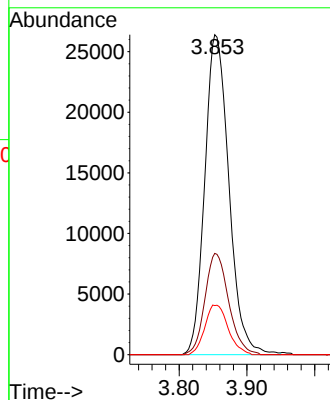
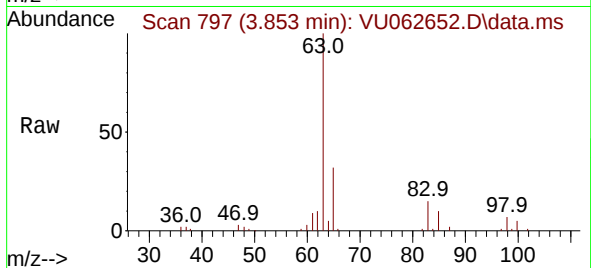




#19
1,1-Dichloroethane
Concen: 5.062 ug/L
RT: 3.853 min Scan# 798
Delta R.T. -0.003 min
Lab File: VU062652.D
Acq: 02 Jan 2025 13:09

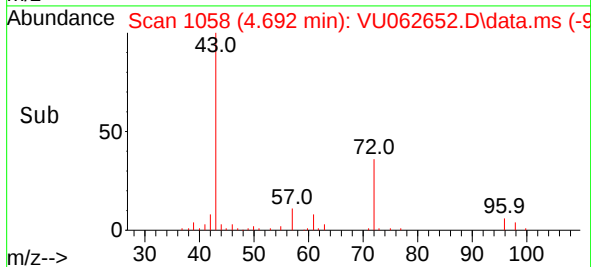
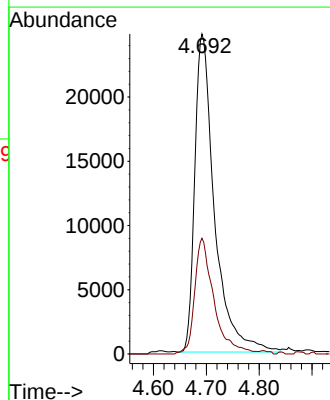
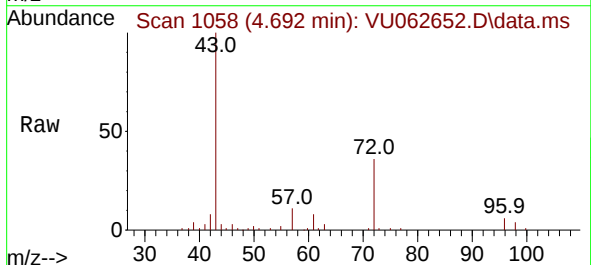
Instrument :
MSVOA_U
ClientSampleId :

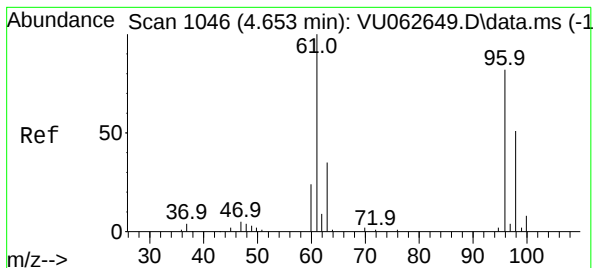
Tgt Ion: 63 Resp: 65266
Ion Ratio Lower Upper
63 100
65 32.2 20.7 38.5
83 15.4 10.5 19.5



#21
2-Butanone
Concen: 49.563 ug/L
RT: 4.692 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VU062652.D
Acq: 02 Jan 2025 13:09

Tgt Ion: 43 Resp: 64183
Ion Ratio Lower Upper
43 100
72 35.4 17.1 51.2





#22

cis-1,2-Dichloroethene

Concen: 5.234 ug/L

RT: 4.653 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU062652.D

Acq: 02 Jan 2025 13:09

Instrument :

MSVOA_U

ClientSampleId :

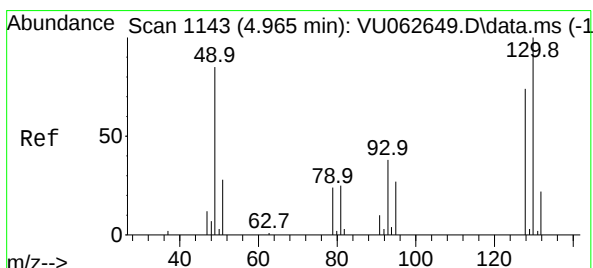
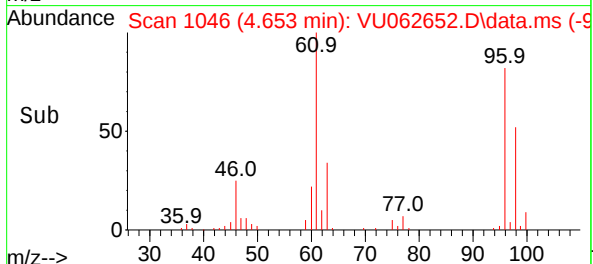
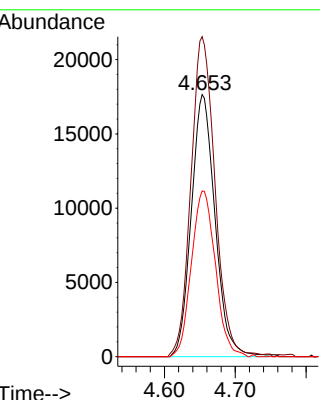
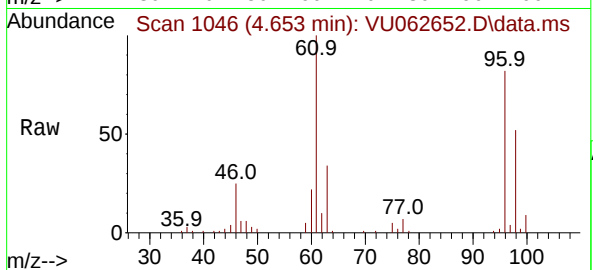
Tgt Ion: 96 Resp: 41104

Ion Ratio Lower Upper

96 100

61 122.1 84.8 157.6

98 63.2 43.1 80.1



#23

Bromochloromethane

Concen: 4.979 ug/L

RT: 4.962 min Scan# 1142

Delta R.T. -0.003 min

Lab File: VU062652.D

Acq: 02 Jan 2025 13:09

Tgt Ion:128 Resp: 18461

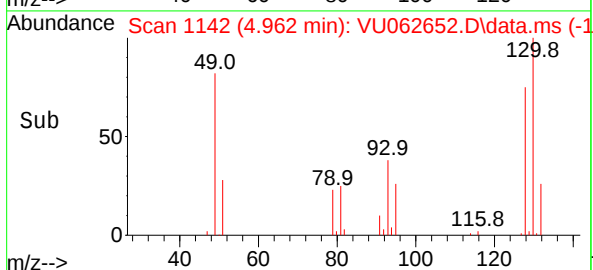
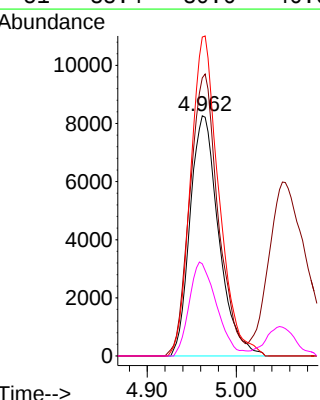
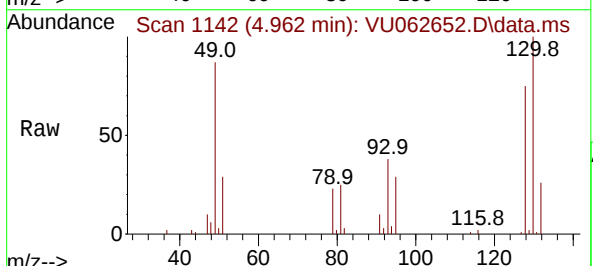
Ion Ratio Lower Upper

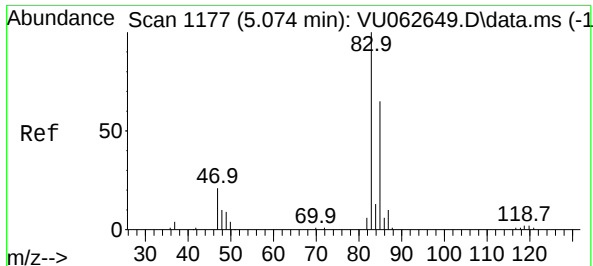
128 100

49 115.8 81.1 150.7

130 132.8 94.9 176.3

51 38.4 30.6 46.0





#25

Chloroform

Concen: 4.901 ug/L

RT: 5.074 min Scan# 1177

Delta R.T. -0.000 min

Lab File: VU062652.D

Acq: 02 Jan 2025 13:09

Instrument :

MSVOA_U

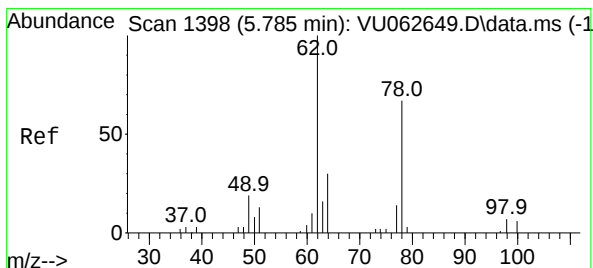
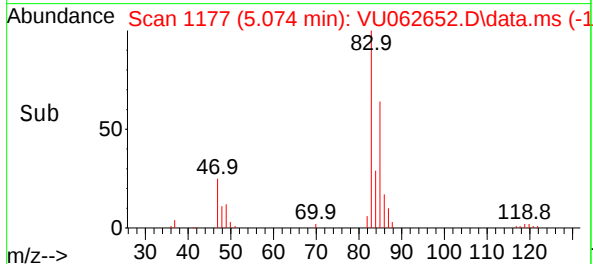
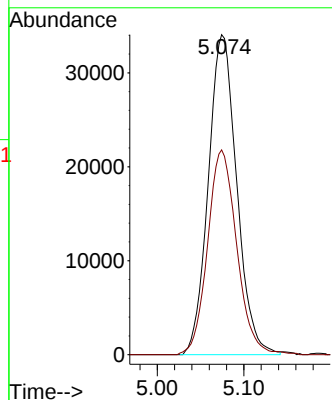
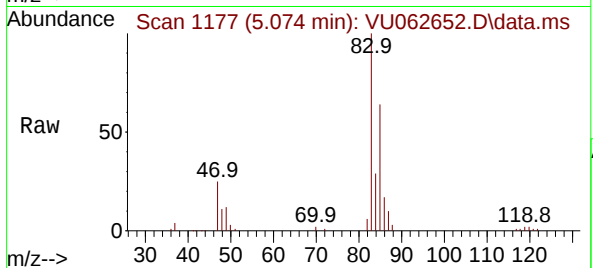
ClientSampleId :

Tgt Ion: 83 Resp: 77769

Ion Ratio Lower Upper

83 100

85 64.0 45.8 85.2



#27

1,2-Dichloroethane

Concen: 4.969 ug/L

RT: 5.782 min Scan# 1397

Delta R.T. -0.003 min

Lab File: VU062652.D

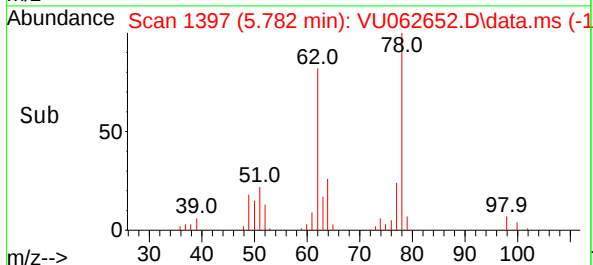
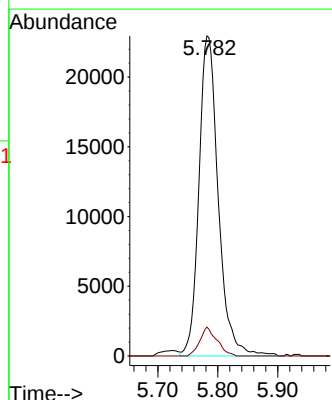
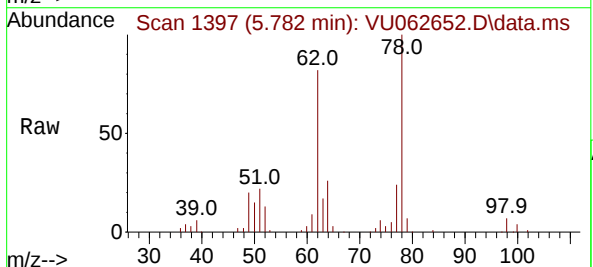
Acq: 02 Jan 2025 13:09

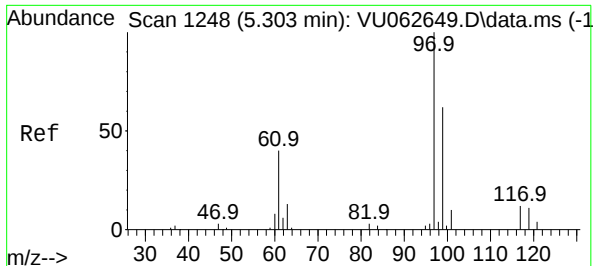
Tgt Ion: 62 Resp: 51558

Ion Ratio Lower Upper

62 100

98 9.0 5.8 8.6#

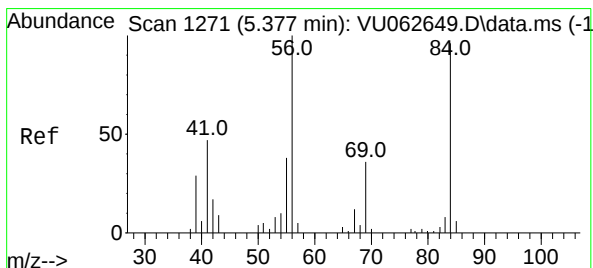
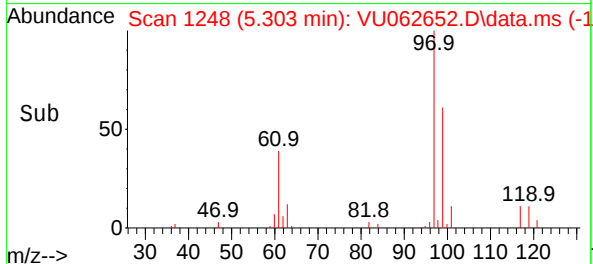
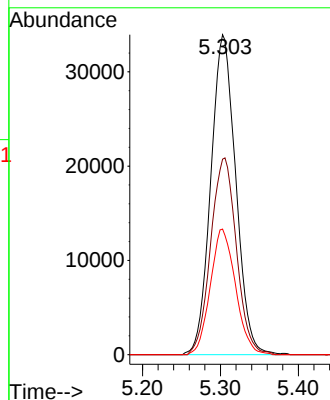
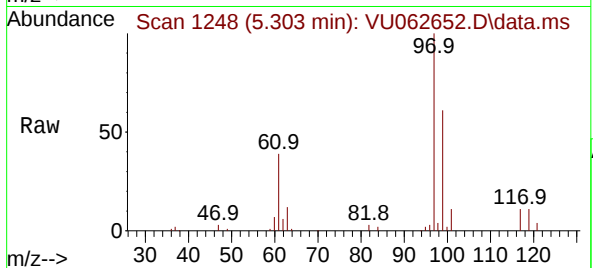




#29
1,1,1-Trichloroethane
Concen: 4.925 ug/L
RT: 5.303 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VU062652.D
Acq: 02 Jan 2025 13:09

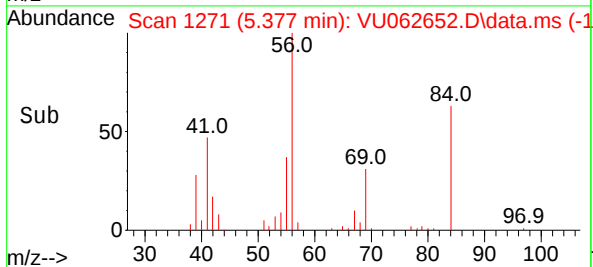
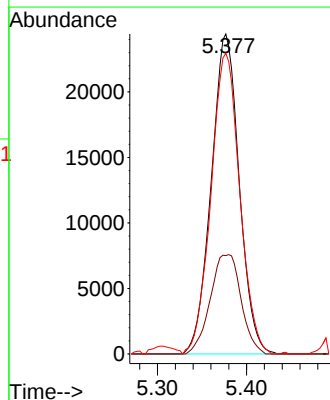
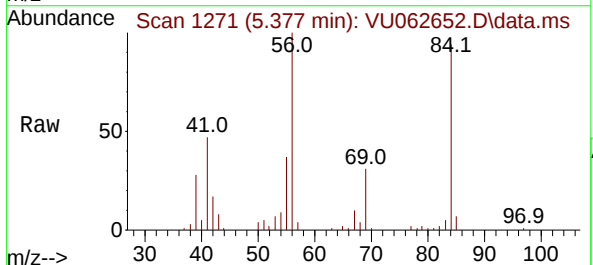
Instrument :
MSVOA_U
ClientSampleId :

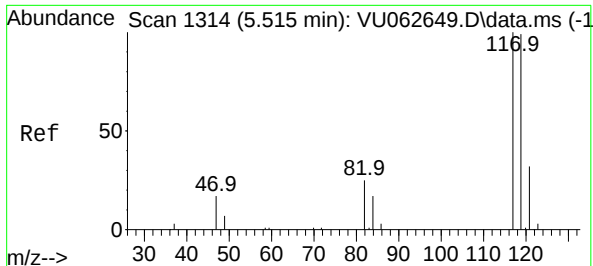
Tgt Ion: 97 Resp: 75651
Ion Ratio Lower Upper
97 100
99 63.5 52.4 78.6
61 39.6 32.2 48.4



#30
Cyclohexane
Concen: 5.302 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VU062652.D
Acq: 02 Jan 2025 13:09

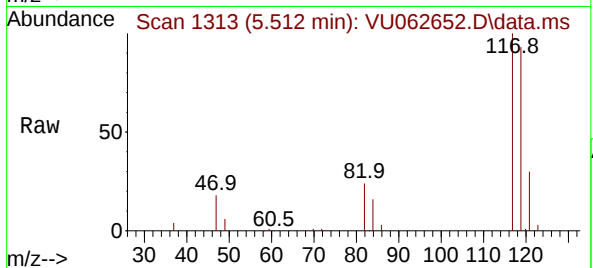
Tgt Ion: 56 Resp: 53189
Ion Ratio Lower Upper
56 100
69 34.2 28.3 42.5
84 96.4 76.5 114.7



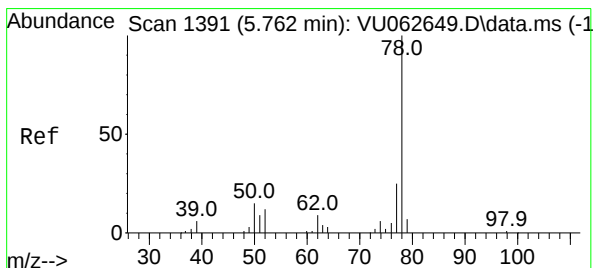
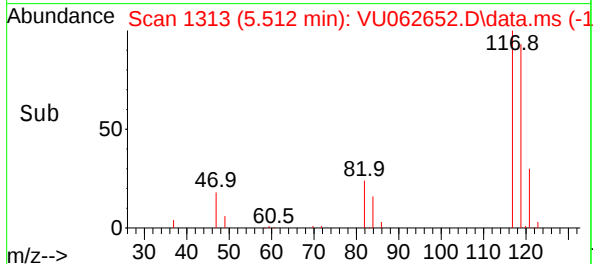
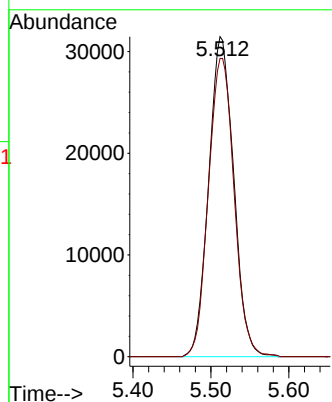


#31
Carbon tetrachloride
Concen: 4.959 ug/L
RT: 5.512 min Scan# 1314
Delta R.T. -0.003 min
Lab File: VU062652.D
Acq: 02 Jan 2025 13:09

Instrument :
MSVOA_U
ClientSampleId :

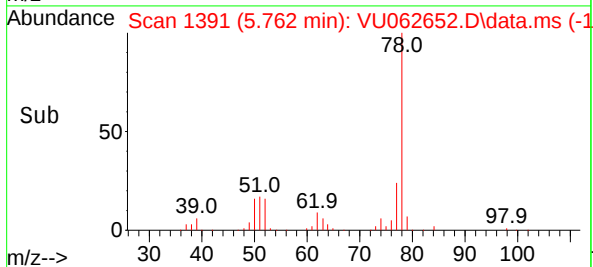
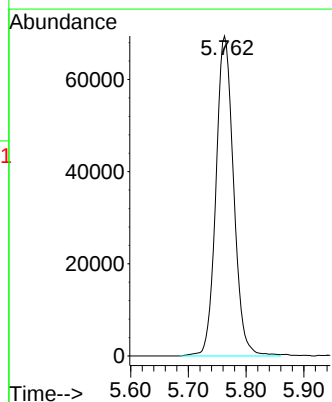
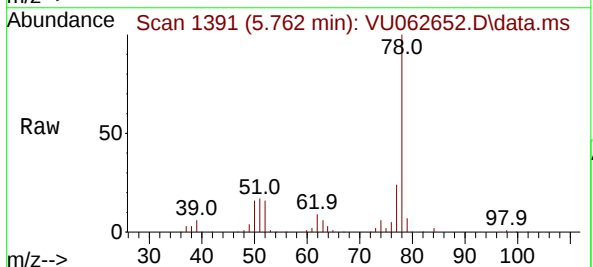


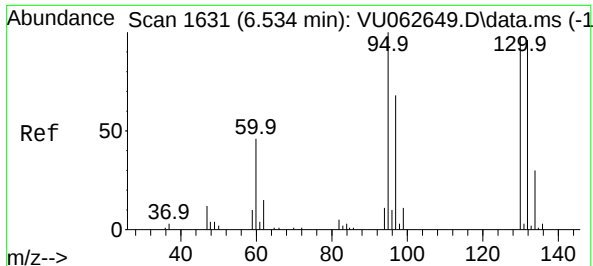
Tgt Ion:117 Resp: 70007
Ion Ratio Lower Upper
117 100
119 95.7 78.6 118.0



#33
Benzene
Concen: 5.080 ug/L
RT: 5.762 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VU062652.D
Acq: 02 Jan 2025 13:09

Tgt Ion: 78 Resp: 147811





#34

Trichloroethene

Concen: 4.634 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU062652.D

Acq: 02 Jan 2025 13:09

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 46056

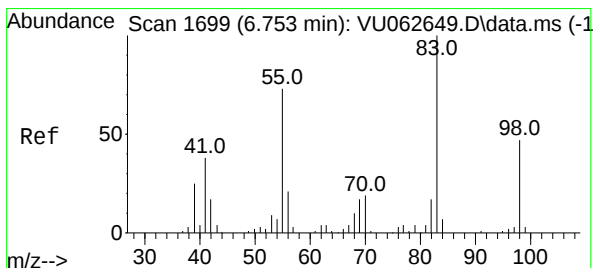
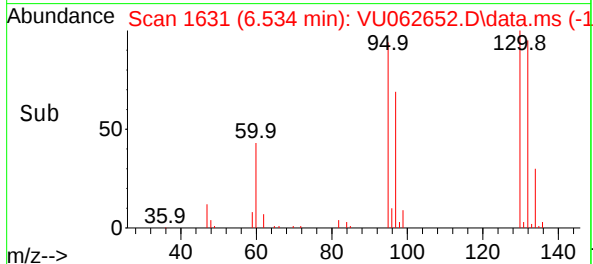
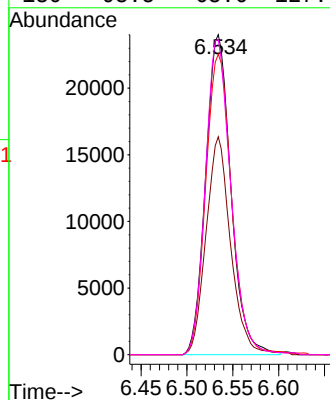
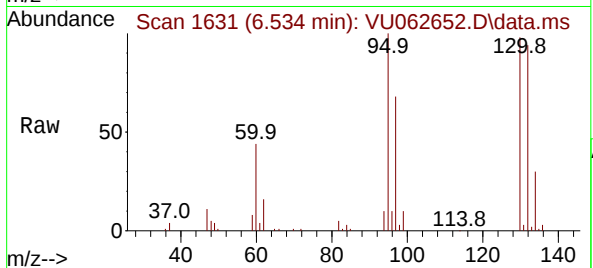
Ion Ratio Lower Upper

95 100

97 68.1 47.5 88.3

132 93.9 66.9 124.3

130 98.5 68.6 127.4



#35

Methylcyclohexane

Concen: 5.070 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VU062652.D

Acq: 02 Jan 2025 13:09

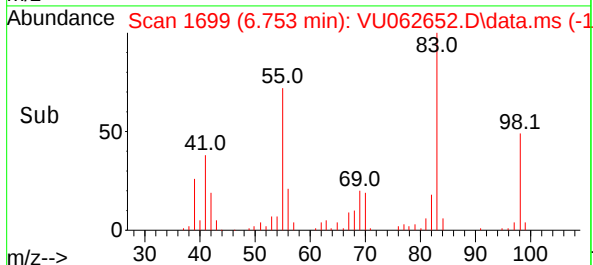
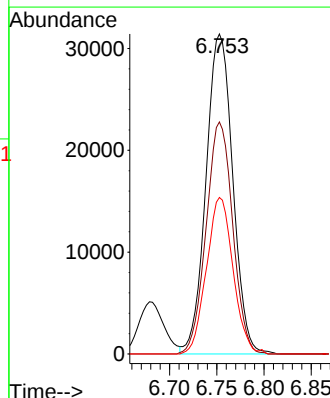
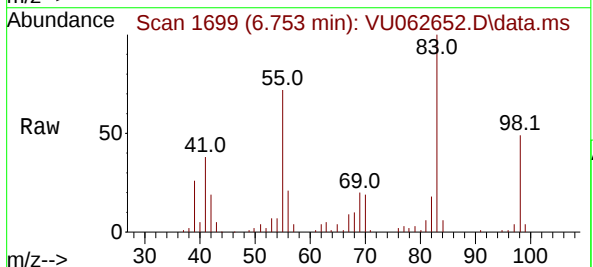
Tgt Ion: 83 Resp: 62002

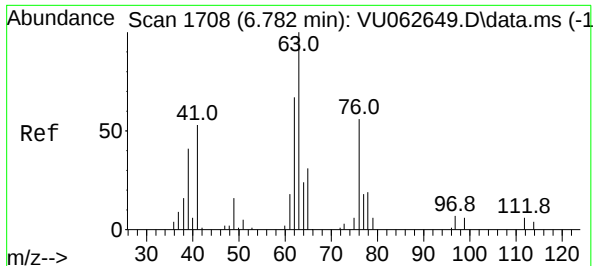
Ion Ratio Lower Upper

83 100

55 71.9 57.2 85.8

98 48.6 36.6 55.0

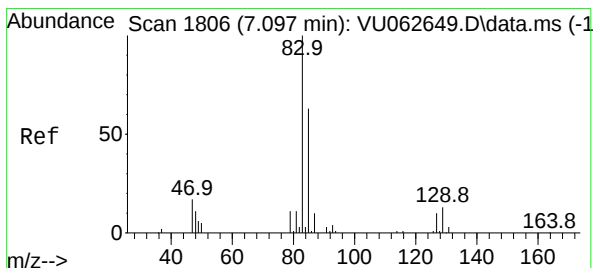
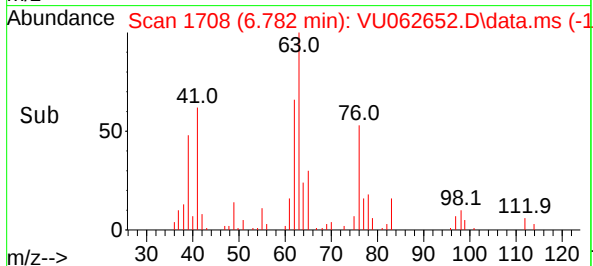
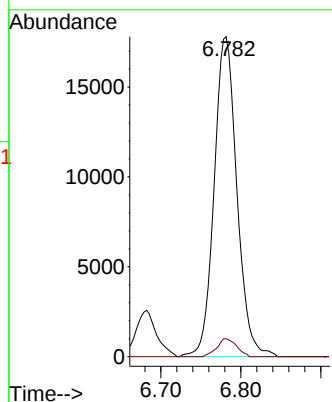
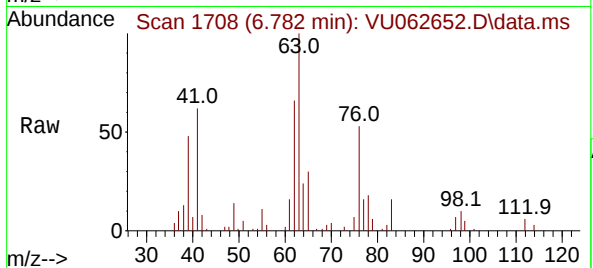




#37
1,2-Dichloropropane
Concen: 5.119 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VU062652.D
Acq: 02 Jan 2025 13:09

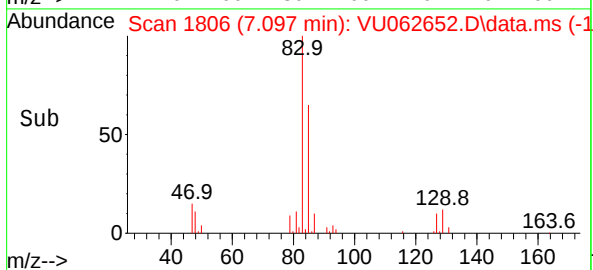
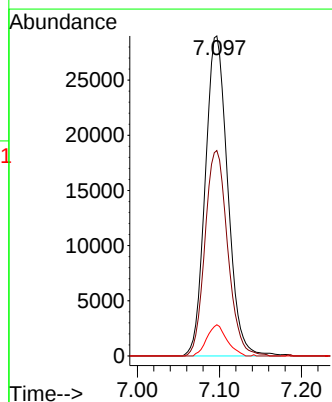
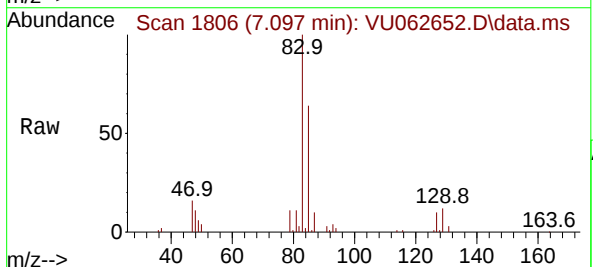
Instrument :
MSVOA_U
ClientSampleId :

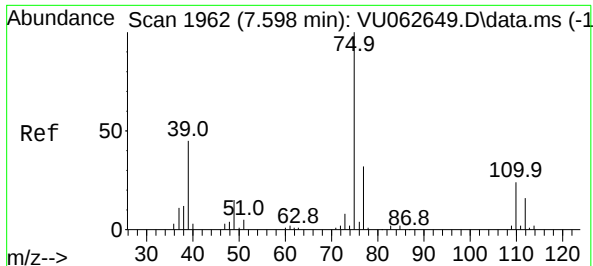
Tgt Ion: 63 Resp: 35138
Ion Ratio Lower Upper
63 100
112 4.9 3.8 5.8



#38
Bromodichloromethane
Concen: 4.987 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU062652.D
Acq: 02 Jan 2025 13:09

Tgt Ion: 83 Resp: 55050
Ion Ratio Lower Upper
83 100
85 64.2 44.2 82.0
127 9.8 7.8 11.8

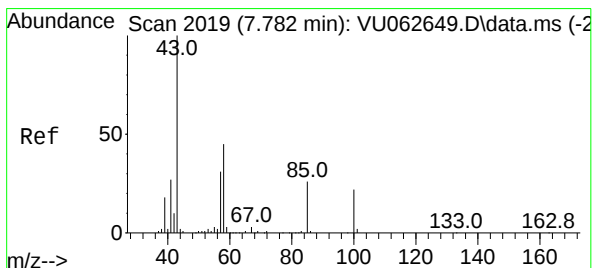
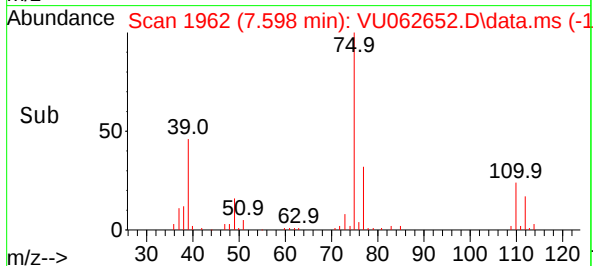
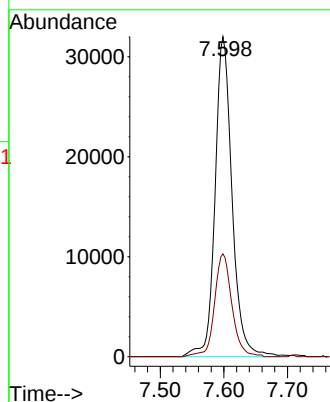
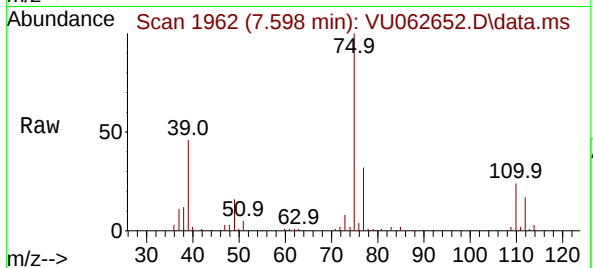




#39
cis-1,3-Dichloropropene
Concen: 5.094 ug/L
RT: 7.598 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VU062652.D
Acq: 02 Jan 2025 13:09

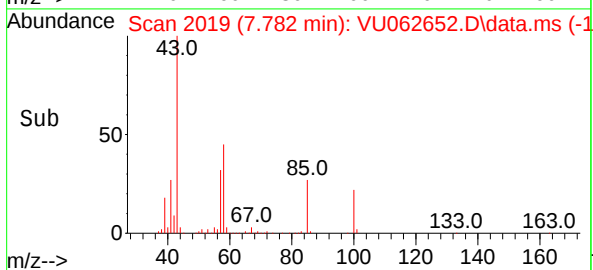
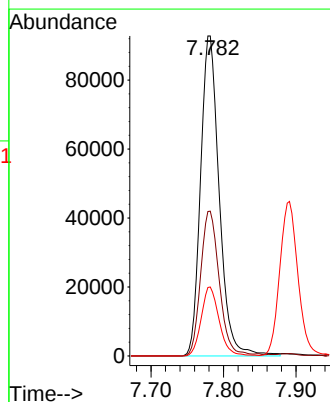
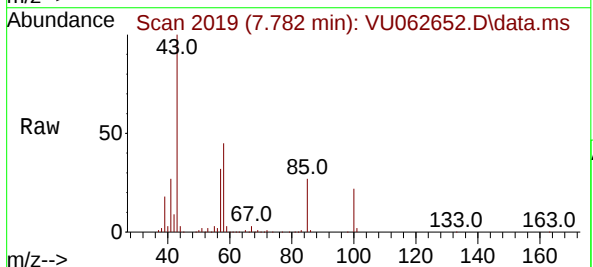
Instrument :
MSVOA_U
ClientSampleId :

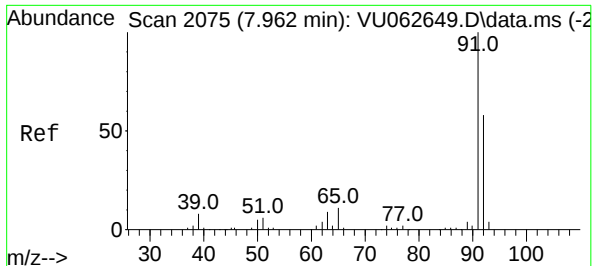
Tgt Ion: 75 Resp: 59523
Ion Ratio Lower Upper
75 100
77 32.2 22.3 41.3



#40
4-Methyl-2-pentanone
Concen: 51.770 ug/L
RT: 7.782 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VU062652.D
Acq: 02 Jan 2025 13:09

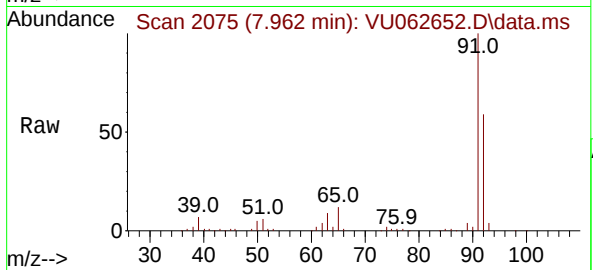
Tgt Ion: 43 Resp: 165986
Ion Ratio Lower Upper
43 100
58 45.1 35.8 53.8
100 20.8 16.8 25.2



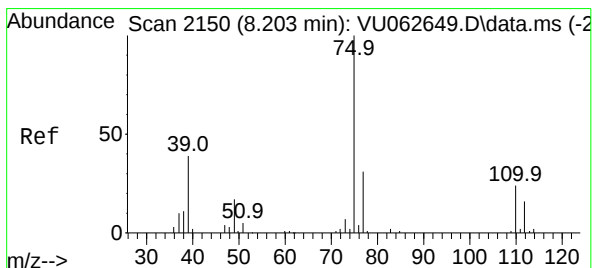
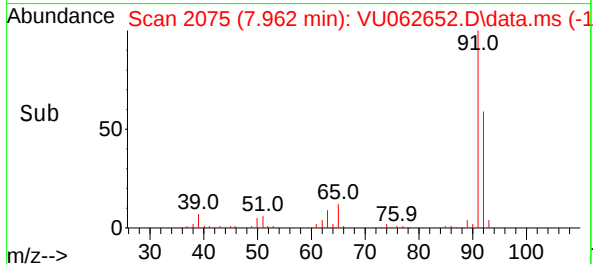
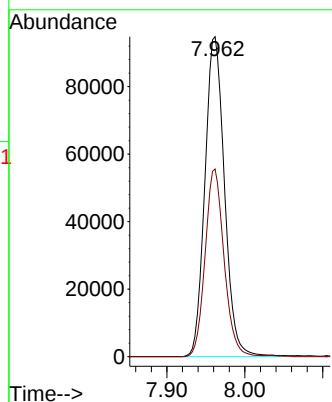


#42
Toluene
Concen: 5.197 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VU062652.D
Acq: 02 Jan 2025 13:09

Instrument :
MSVOA_U
ClientSampleId :

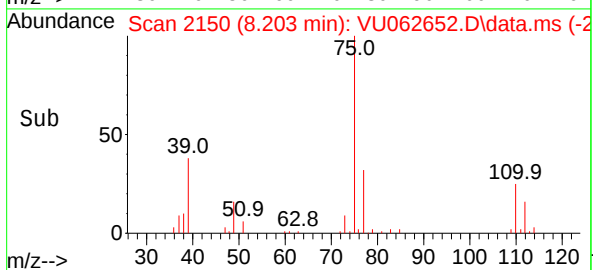
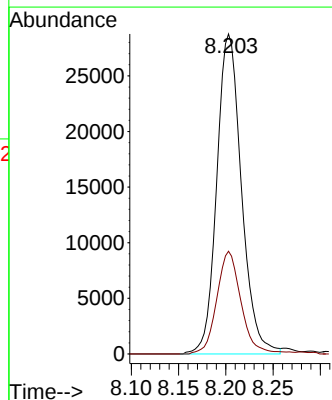
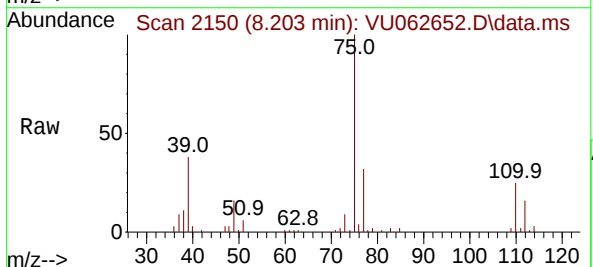


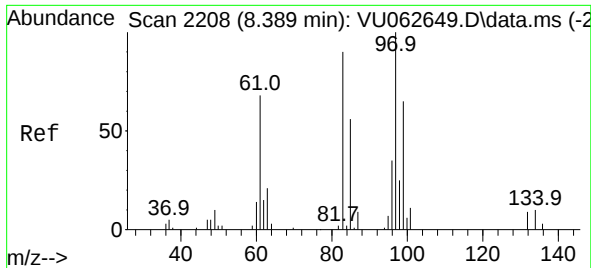
Tgt Ion: 91 Resp: 165676
Ion Ratio Lower Upper
91 100
92 58.7 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 5.193 ug/L
RT: 8.203 min Scan# 2150
Delta R.T. 0.000 min
Lab File: VU062652.D
Acq: 02 Jan 2025 13:09

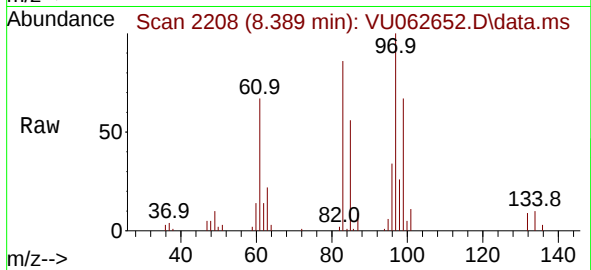
Tgt Ion: 75 Resp: 52314
Ion Ratio Lower Upper
75 100
77 32.1 21.8 40.6



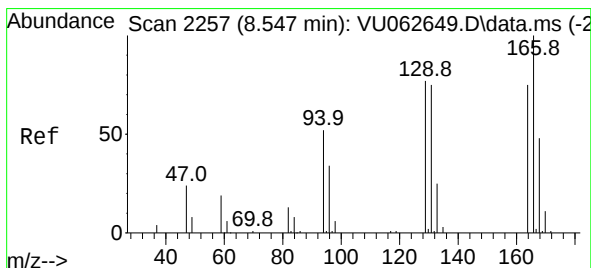
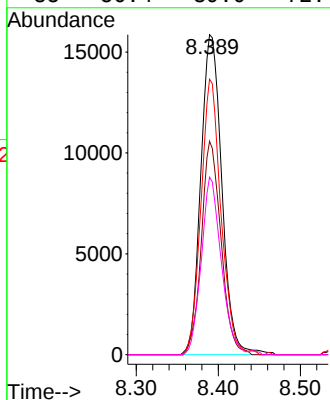
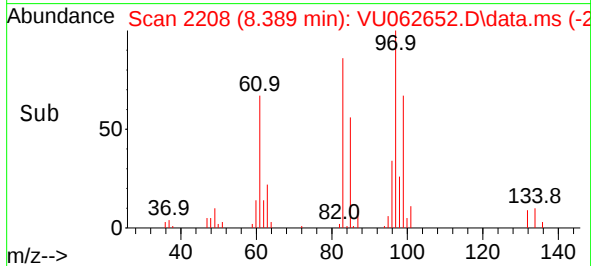


#45
1,1,2-Trichloroethane
Concen: 5.063 ug/L
RT: 8.389 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VU062652.D
Acq: 02 Jan 2025 13:09

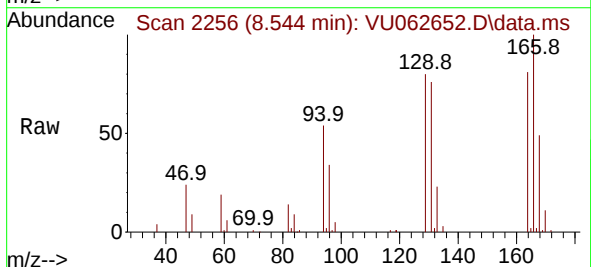
Instrument :
MSVOA_U
ClientSampleId :



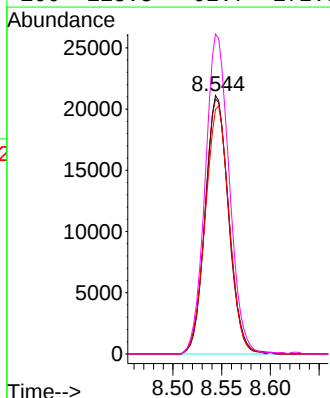
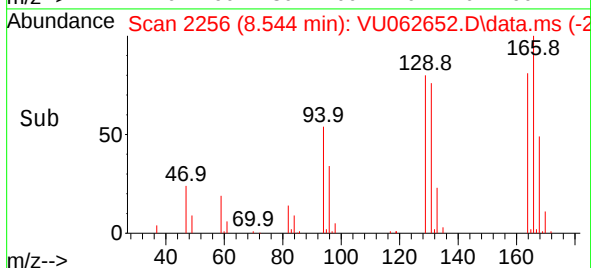
Tgt Ion:	97	Resp:	28225
Ion	Ratio	Lower	Upper
97	100		
99	66.7	45.6	84.6
83	86.1	63.0	117.0
85	56.4	39.0	72.4

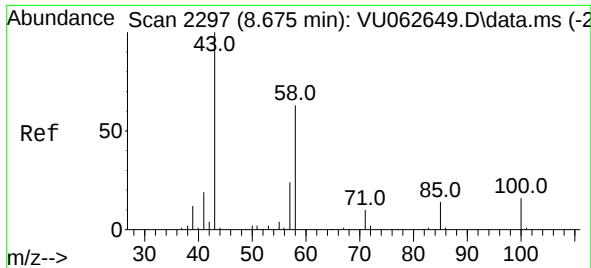


#47
Tetrachloroethene
Concen: 5.161 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU062652.D
Acq: 02 Jan 2025 13:09



Tgt Ion:	164	Resp:	35327
Ion	Ratio	Lower	Upper
164	100		
129	98.6	71.0	131.9
131	94.6	69.4	129.0
166	123.8	92.7	172.3

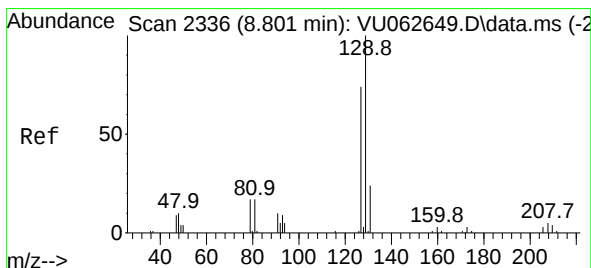
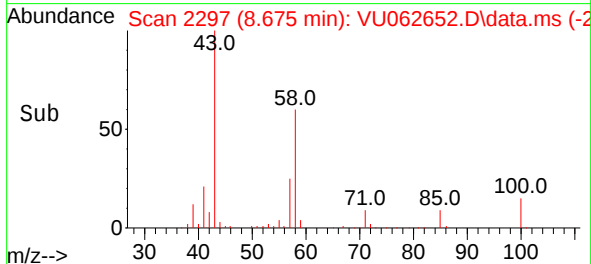
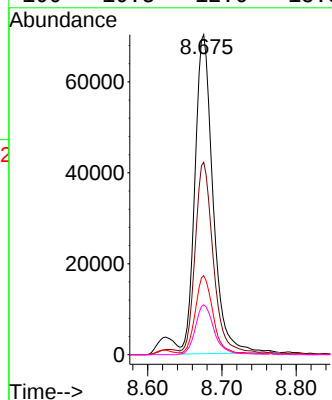
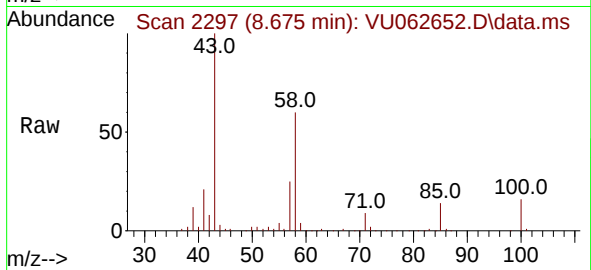




#48
2-Hexanone
Concen: 51.856 ug/L
RT: 8.675 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU062652.D
Acq: 02 Jan 2025 13:09

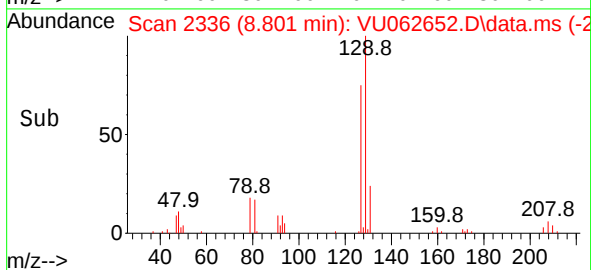
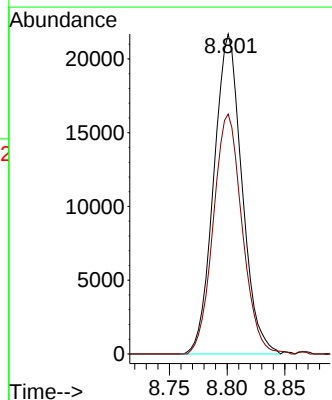
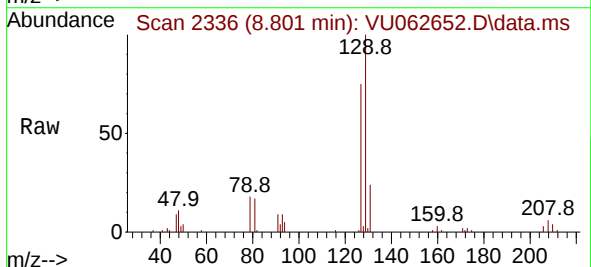
Instrument :
MSVOA_U
ClientSampleId :

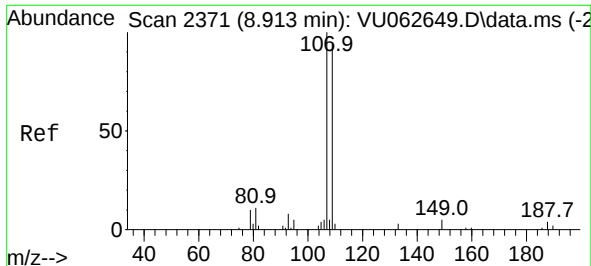
Tgt Ion: 43 Resp: 119528
Ion Ratio Lower Upper
43 100
58 59.2 50.2 75.4
57 24.3 19.9 29.9
100 16.3 12.6 18.8



#49
Dibromochloromethane
Concen: 4.920 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU062652.D
Acq: 02 Jan 2025 13:09

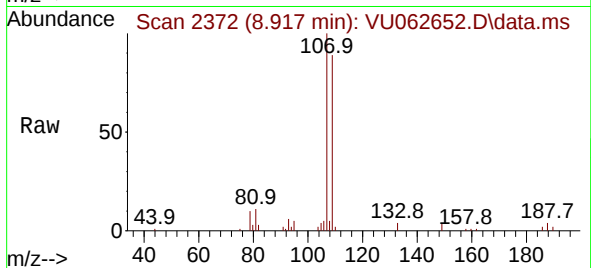
Tgt Ion:129 Resp: 36826
Ion Ratio Lower Upper
129 100
127 74.9 52.1 96.9



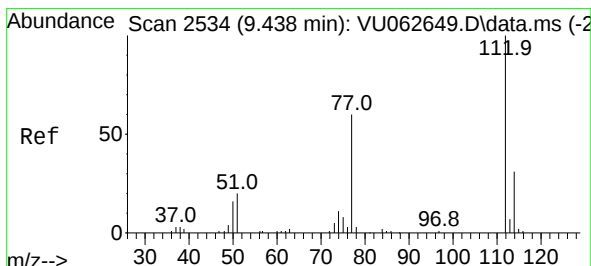
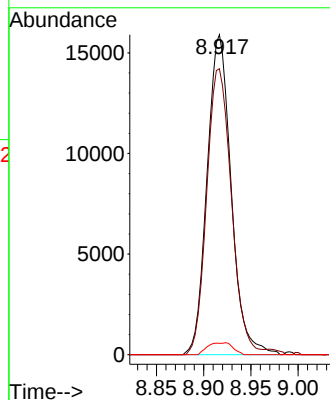
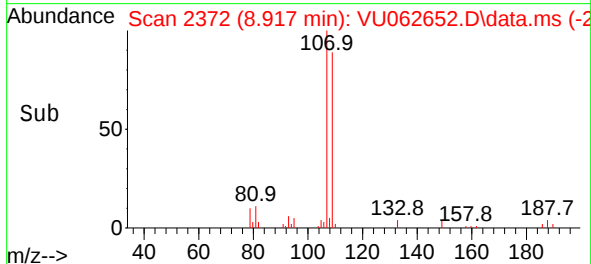


#50
1,2-Dibromoethane
Concen: 5.281 ug/L
RT: 8.917 min Scan# 2371
Delta R.T. 0.003 min
Lab File: VU062652.D
Acq: 02 Jan 2025 13:09

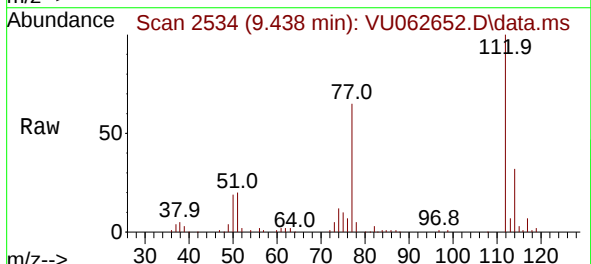
Instrument :
MSVOA_U
ClientSampleId :



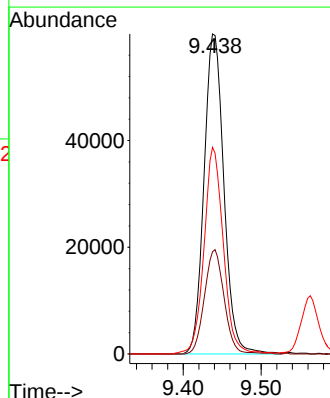
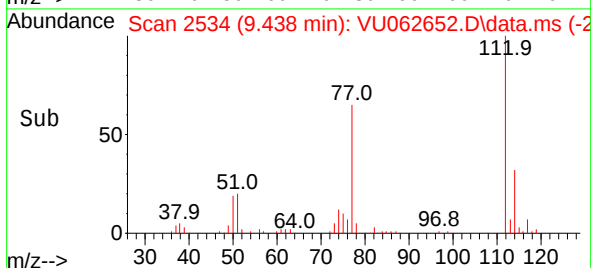
Tgt Ion:107 Resp: 28164
Ion Ratio Lower Upper
107 100
109 89.4 65.7 121.9
188 3.5 3.4 5.2

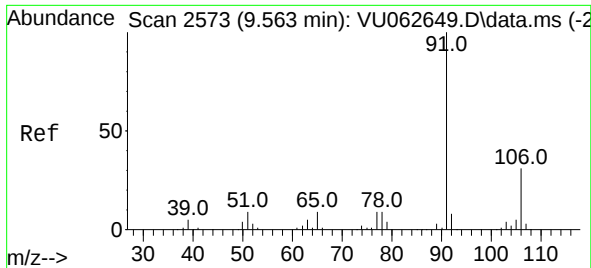


#51
Chlorobenzene
Concen: 5.098 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU062652.D
Acq: 02 Jan 2025 13:09



Tgt Ion:112 Resp: 106290
Ion Ratio Lower Upper
112 100
114 32.0 21.7 40.3
77 64.6 48.6 73.0

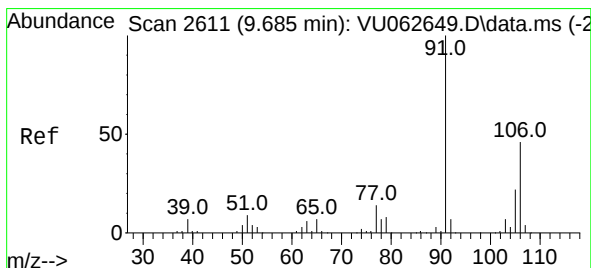
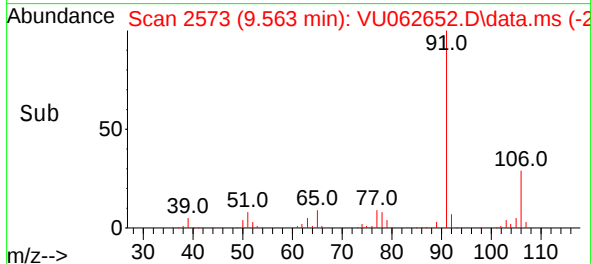
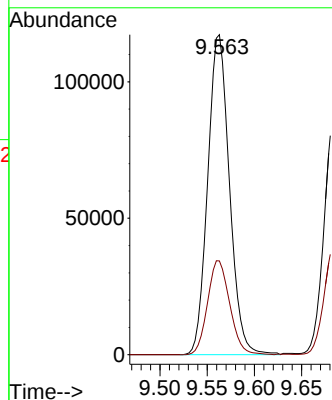
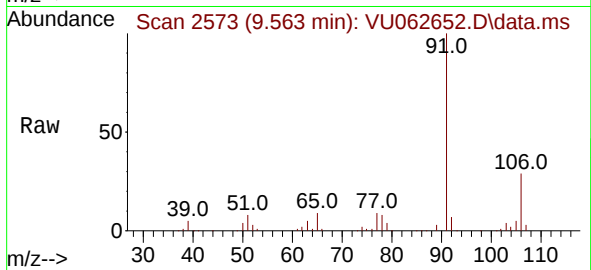




#52
Ethylbenzene
Concen: 5.181 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU062652.D
Acq: 02 Jan 2025 13:09

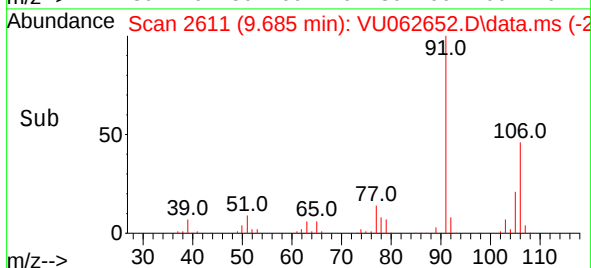
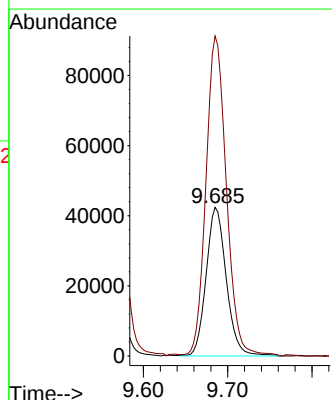
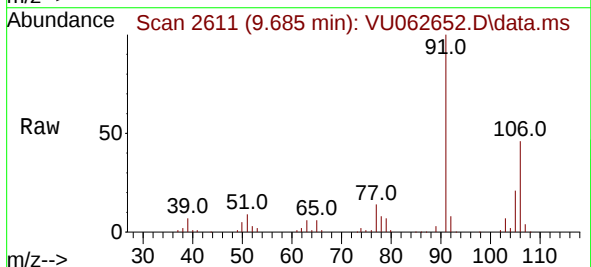
Instrument :
MSVOA_U
ClientSampleId :

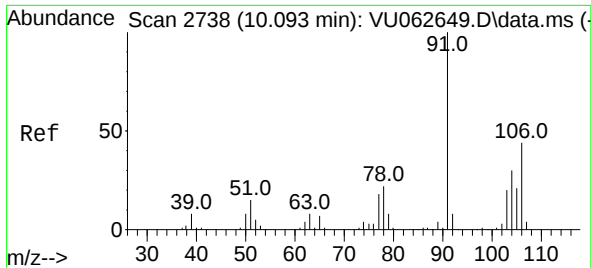
Tgt Ion: 91 Resp: 187467
Ion Ratio Lower Upper
91 100
106 29.3 21.9 40.7



#53
m,p-Xylene
Concen: 5.218 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU062652.D
Acq: 02 Jan 2025 13:09

Tgt Ion:106 Resp: 70606
Ion Ratio Lower Upper
106 100
91 215.4 153.1 284.3

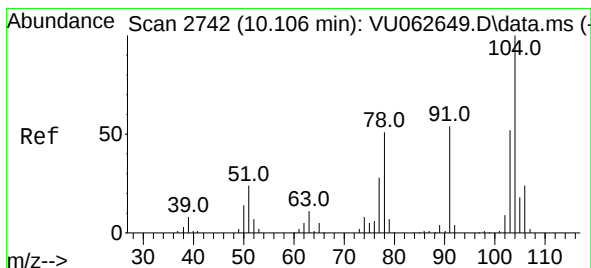
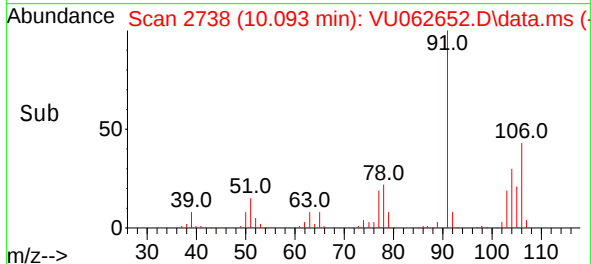
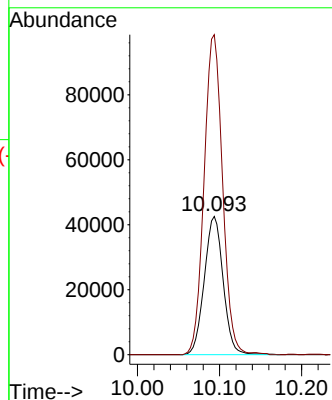
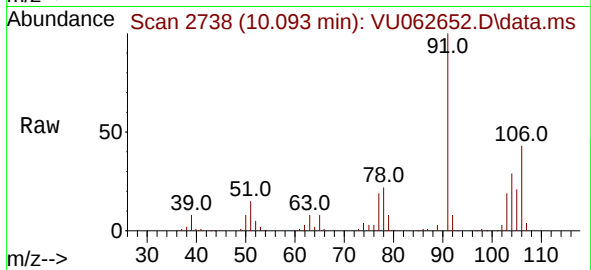




#54
o-Xylene
Concen: 5.254 ug/L
RT: 10.093 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU062652.D
Acq: 02 Jan 2025 13:09

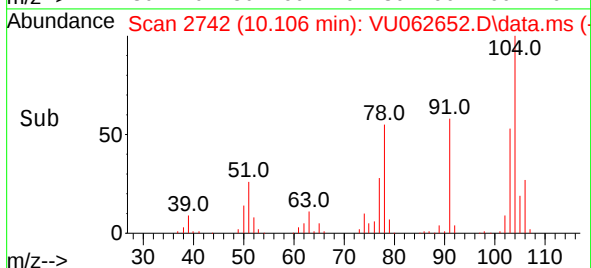
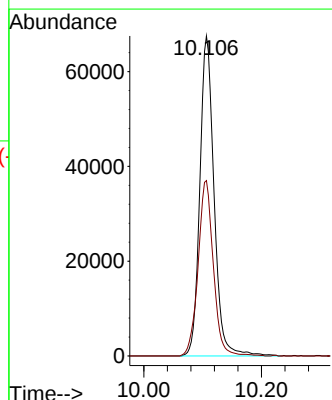
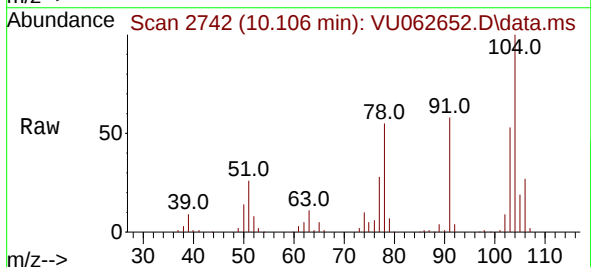
Instrument :
MSVOA_U
ClientSampleId :

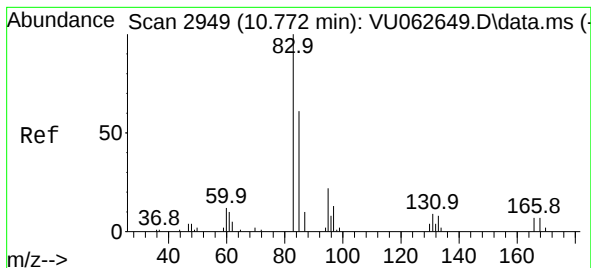
Tgt Ion:106 Resp: 68092
Ion Ratio Lower Upper
106 100
91 231.4 160.4 297.8



#55
Styrene
Concen: 5.227 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU062652.D
Acq: 02 Jan 2025 13:09

Tgt Ion:104 Resp: 113314
Ion Ratio Lower Upper
104 100
78 54.8 35.5 65.9

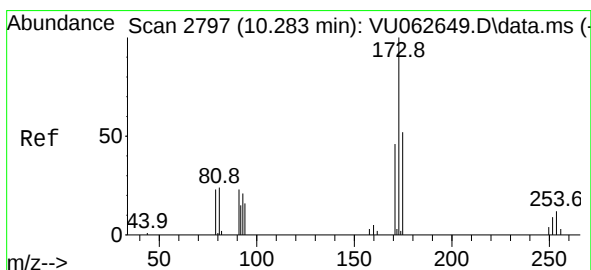
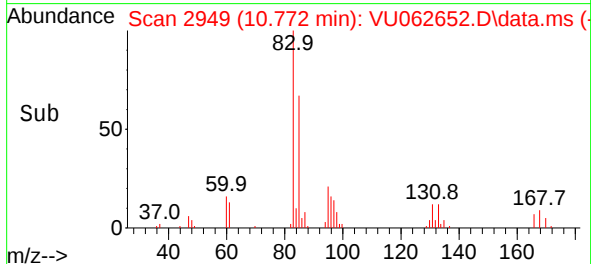
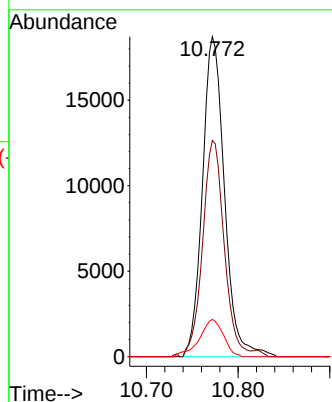
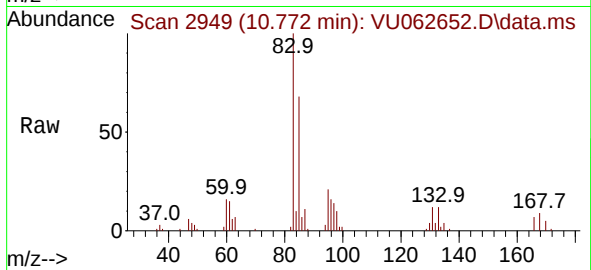




#57
1,1,2,2-Tetrachloroethane
Concen: 4.994 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU062652.D
Acq: 02 Jan 2025 13:09

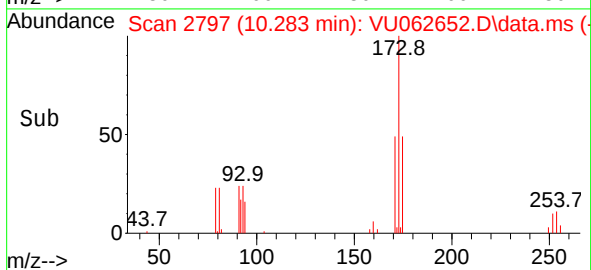
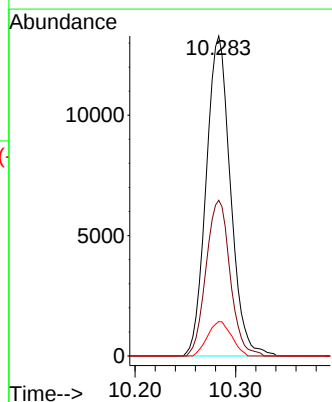
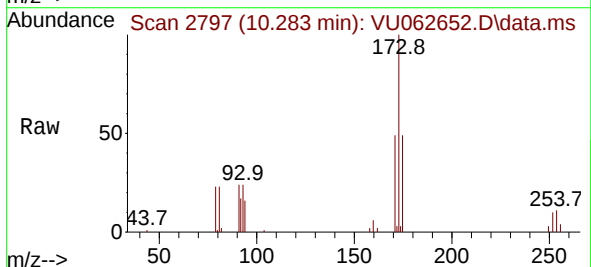
Instrument :
MSVOA_U
ClientSampleId :

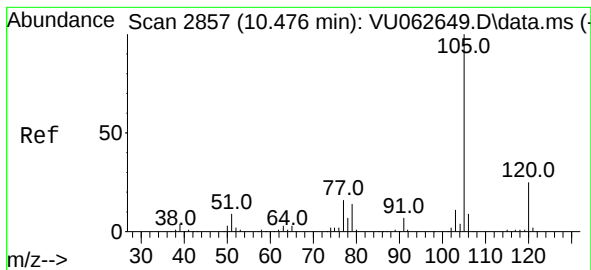
Tgt Ion: 83 Resp: 31226
Ion Ratio Lower Upper
83 100
85 67.5 43.0 79.8
131 11.6 7.4 11.0#



#59
Bromoform
Concen: 4.810 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VU062652.D
Acq: 02 Jan 2025 13:09

Tgt Ion:173 Resp: 22292
Ion Ratio Lower Upper
173 100
175 48.1 39.8 59.8
254 10.5 8.6 12.8





#60

Isopropylbenzene

Concen: 5.232 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU062652.D

Acq: 02 Jan 2025 13:09

Instrument :

MSVOA_U

ClientSampleId :

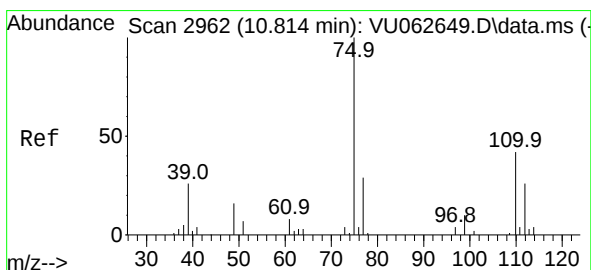
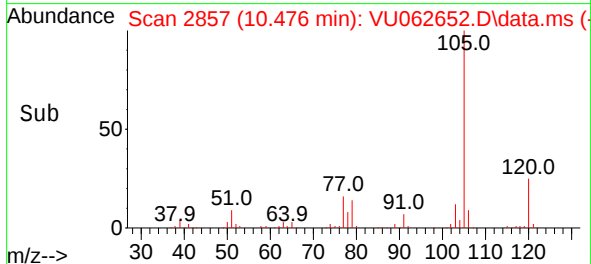
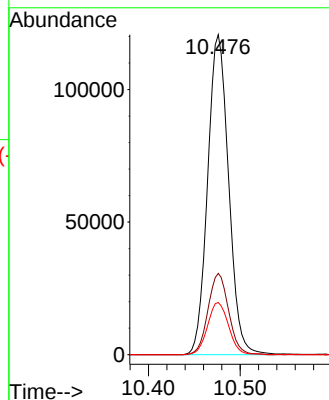
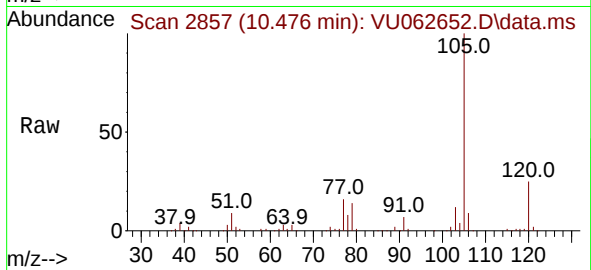
Tgt Ion:105 Resp: 191578

Ion Ratio Lower Upper

105 100

120 25.0 20.2 30.2

77 16.4 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 5.001 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.000 min

Lab File: VU062652.D

Acq: 02 Jan 2025 13:09

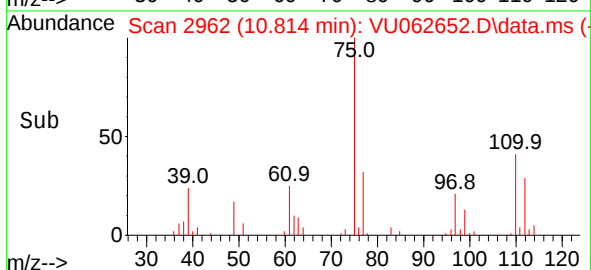
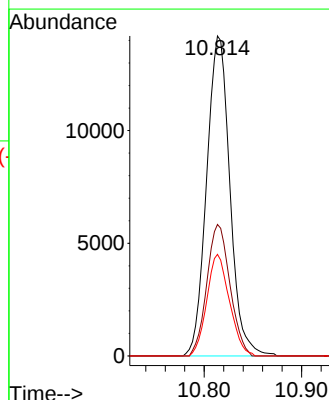
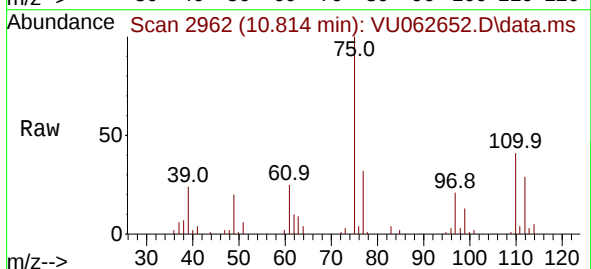
Tgt Ion: 75 Resp: 23567

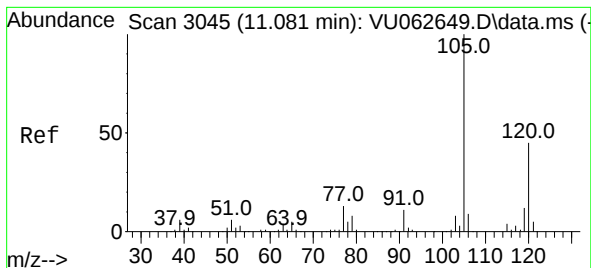
Ion Ratio Lower Upper

75 100

110 40.8 33.2 49.8

77 30.9 25.9 38.9





#62

1,3,5-Trimethylbenzene

Concen: 5.223 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU062652.D

Acq: 02 Jan 2025 13:09

Instrument :

MSVOA_U

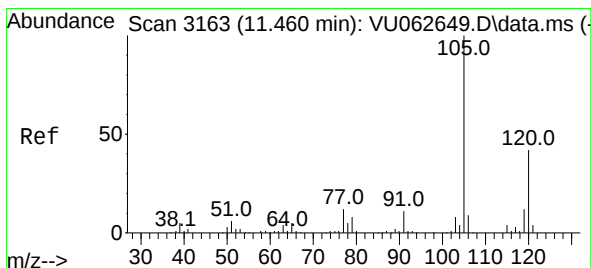
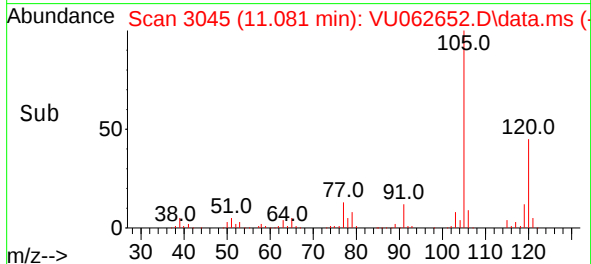
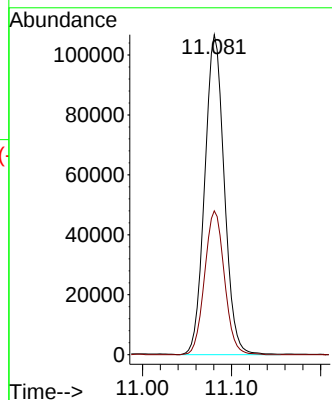
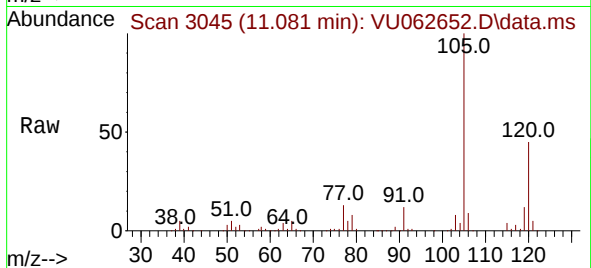
ClientSampleId :

Tgt Ion:105 Resp: 162531

Ion Ratio Lower Upper

105 100

120 45.6 35.9 53.9



#63

1,2,4-Trimethylbenzene

Concen: 5.375 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU062652.D

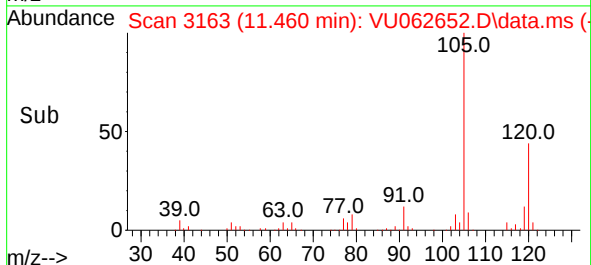
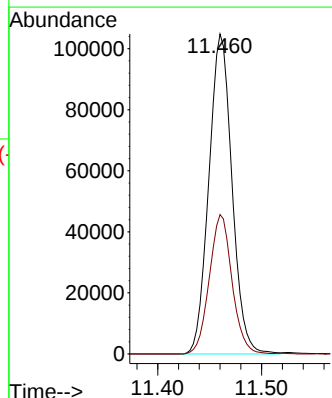
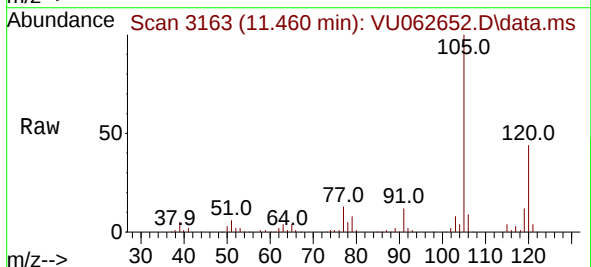
Acq: 02 Jan 2025 13:09

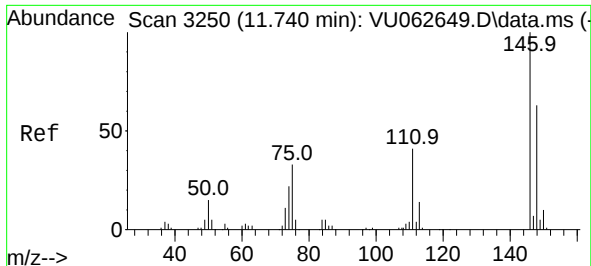
Tgt Ion:105 Resp: 161829

Ion Ratio Lower Upper

105 100

120 42.8 34.2 51.2

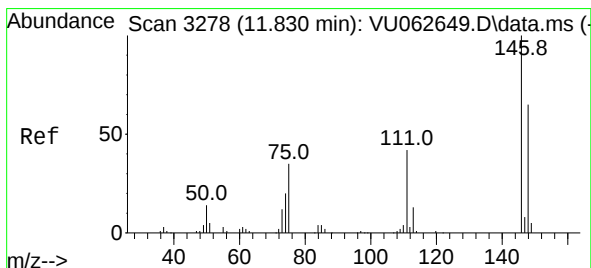
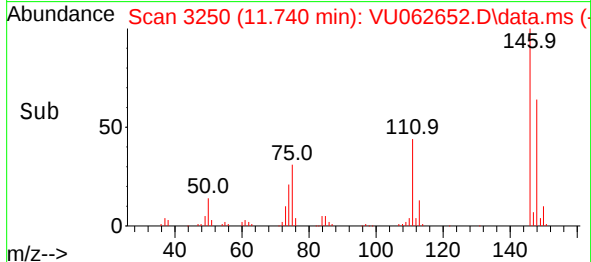
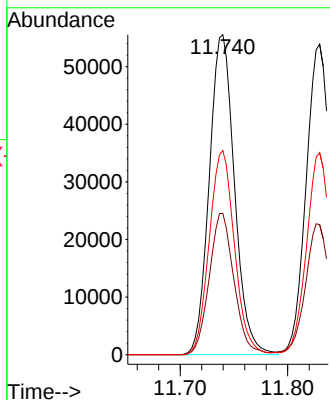
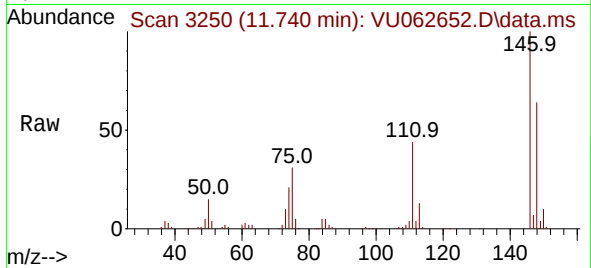




#64
1,3-Dichlorobenzene
Concen: 5.337 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU062652.D
Acq: 02 Jan 2025 13:09

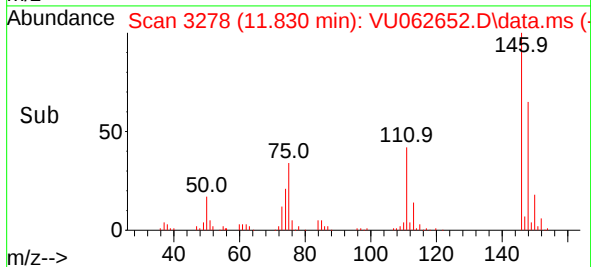
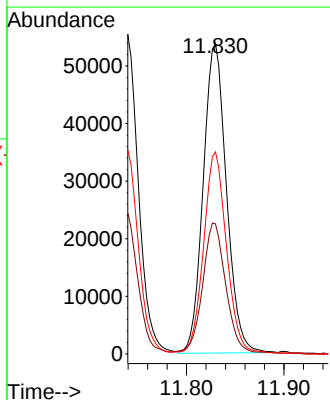
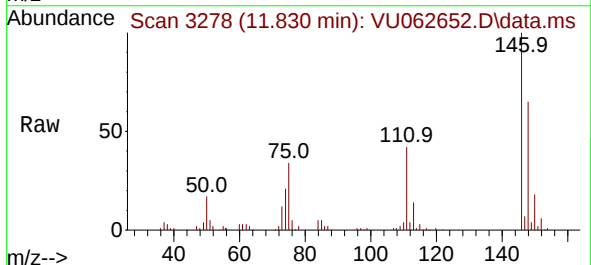
Instrument :
MSVOA_U
ClientSampleId :

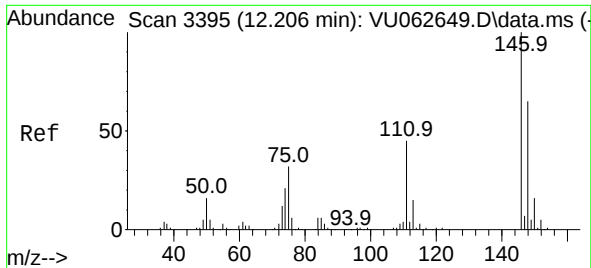
Tgt Ion:146 Resp: 90591
Ion Ratio Lower Upper
146 100
111 44.2 28.6 53.0
148 63.8 44.0 81.6



#65
1,4-Dichlorobenzene
Concen: 5.208 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU062652.D
Acq: 02 Jan 2025 13:09

Tgt Ion:146 Resp: 89139
Ion Ratio Lower Upper
146 100
111 41.9 29.5 54.9
148 65.1 45.1 83.9





#67

1,2-Dichlorobenzene

Concen: 5.157 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU062652.D

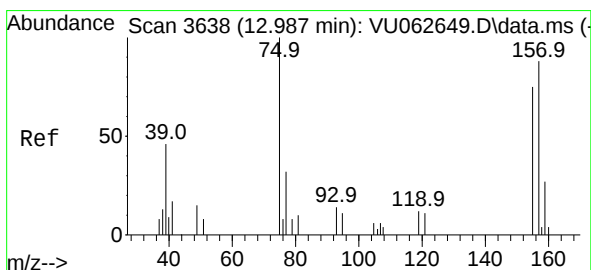
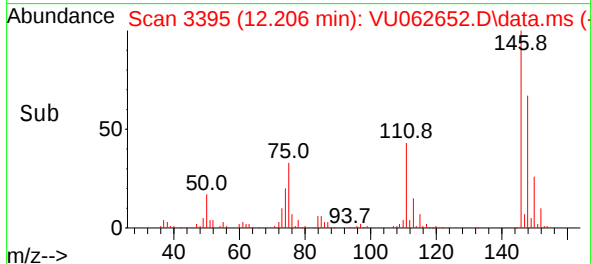
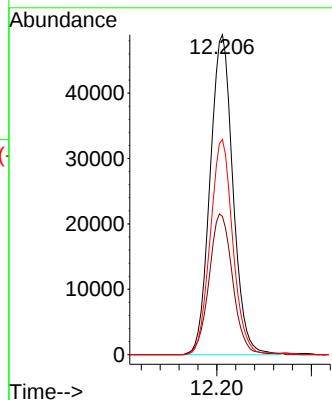
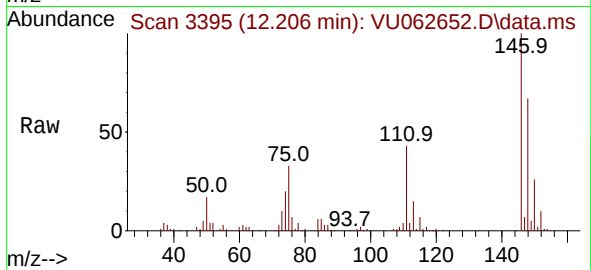
Acq: 02 Jan 2025 13:09

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	146	Resp:	82035
Ion	Ratio	Lower	Upper
146	100		
111	43.2	36.3	54.5
148	67.2	52.0	78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 5.426 ug/L

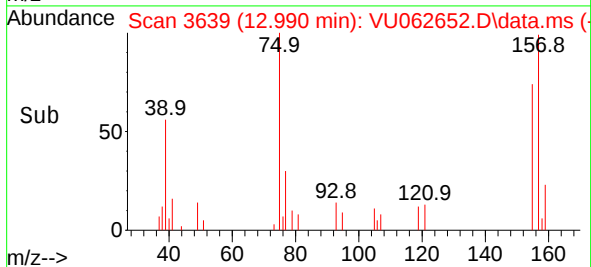
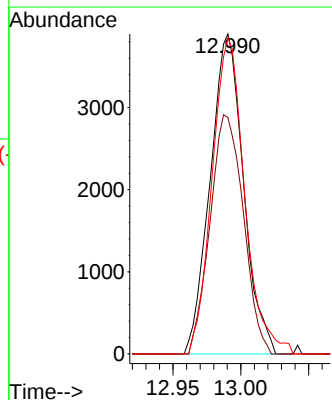
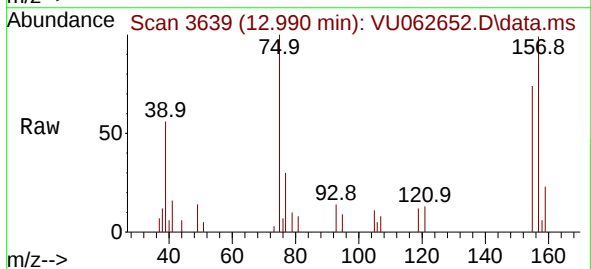
RT: 12.990 min Scan# 3639

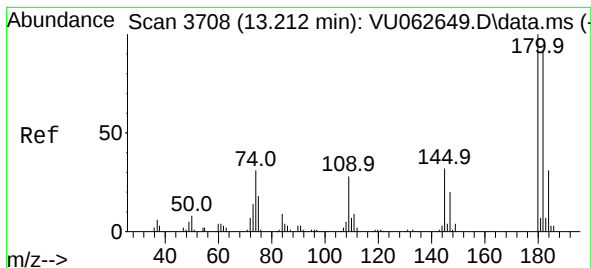
Delta R.T. 0.003 min

Lab File: VU062652.D

Acq: 02 Jan 2025 13:09

Tgt Ion:	75	Resp:	6624
Ion	Ratio	Lower	Upper
75	100		
155	73.9	59.6	89.4
157	98.7	70.8	106.2





#69

1,3,5-Trichlorobenzene

Concen: 5.560 ug/L

RT: 13.212 min Scan# 3708

Delta R.T. 0.000 min

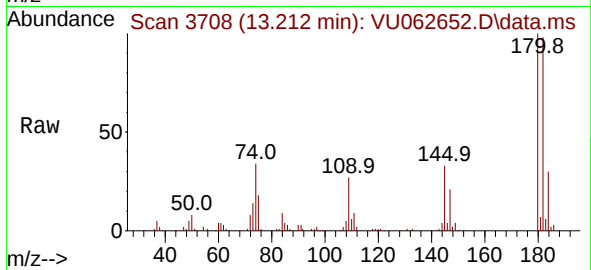
Lab File: VU062652.D

Acq: 02 Jan 2025 13:09

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 71087

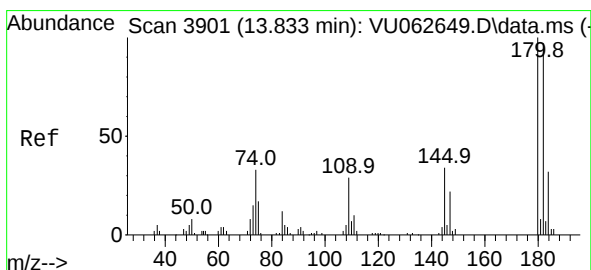
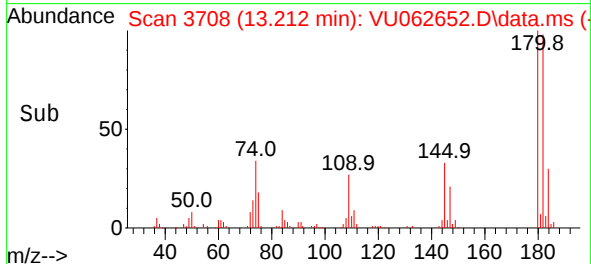
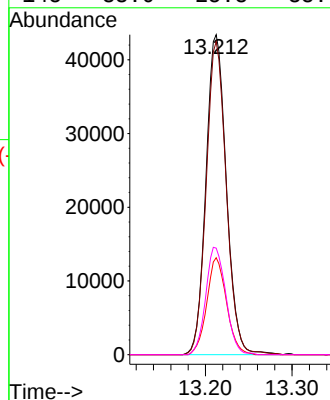
Ion Ratio Lower Upper

180 100

182 96.3 75.8 113.8

184 29.4 24.7 37.1

145 33.0 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 5.863 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU062652.D

Acq: 02 Jan 2025 13:09

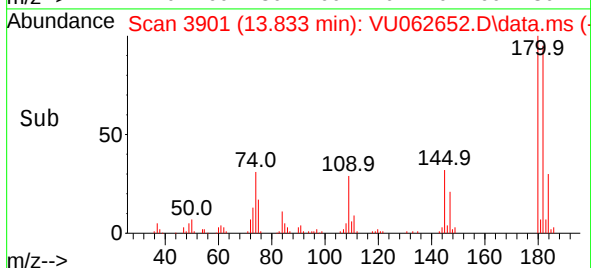
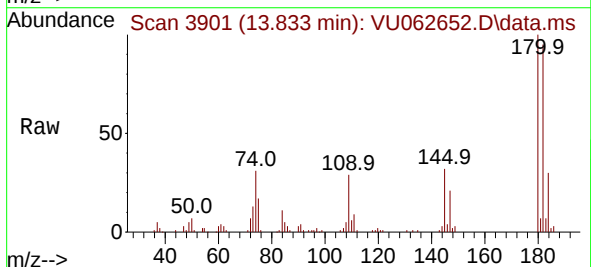
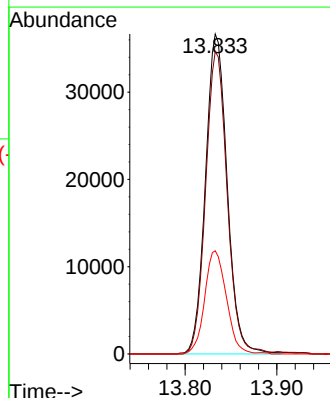
Tgt Ion:180 Resp: 60370

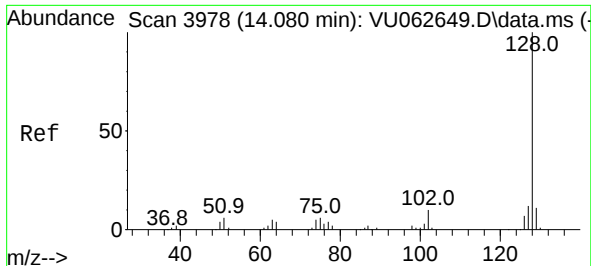
Ion Ratio Lower Upper

180 100

182 93.8 77.1 115.7

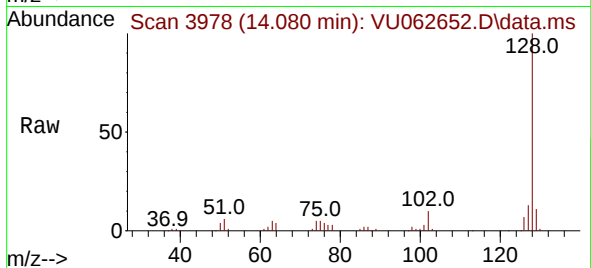
145 32.1 26.9 40.3



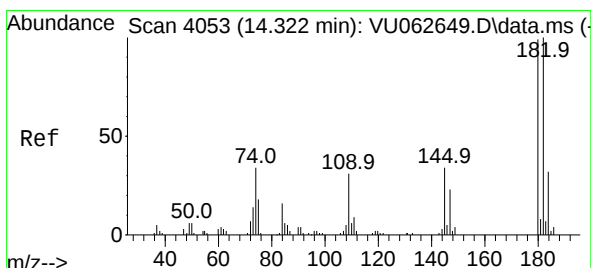
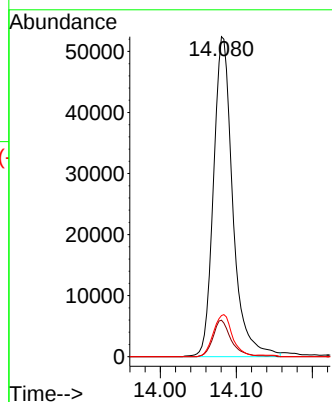
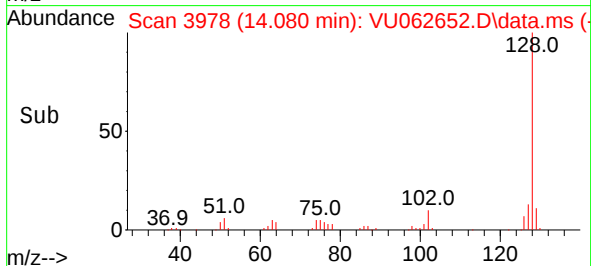


#71
Naphthalene
Concen: 6.132 ug/L
RT: 14.080 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU062652.D
Acq: 02 Jan 2025 13:09

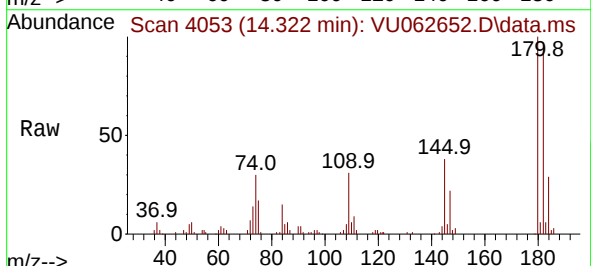
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 92391
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 13.0 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.787 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU062652.D
Acq: 02 Jan 2025 13:09



Tgt Ion:180 Resp: 51941
Ion Ratio Lower Upper
180 100
182 97.4 79.8 119.6
145 35.9 29.2 43.8

