

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010225\
 Data File : VU062649.D
 Acq On : 02 Jan 2025 11:16
 Operator : MD/SY
 Sample : VSTD005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 03 00:24:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 03 00:22:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	106790	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	98563	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	51628	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	29806	4.271	ug/L	0.00
7) Chloroethane-d5	1.901	69	24478	4.786	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.557	65	15209	4.519	ug/L	0.00
20) 2-Butanone-d5	4.615	46	60934	44.904	ug/L	0.00
24) Chloroform-d	5.049	84	75824	4.864	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.688	65	40256	5.180	ug/L	0.00
32) Benzene-d6	5.717	84	128389	4.604	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	35965	4.531	ug/L	0.00
41) Toluene-d8	7.888	98	123509	4.678	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	17686	4.952	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	54363	50.008	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28389	4.551	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	45497	4.799	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	51716	5.128	ug/L	100
3) Chloromethane	1.515	50	33188	4.346	ug/L	100
5) Vinyl chloride	1.599	62	38622	4.799	ug/L	100
6) Bromomethane	1.843	94	28037	5.073	ug/L	100
8) Chloroethane	1.923	64	23311	5.092	ug/L	100
9) Trichlorofluoromethane	2.129	101	77846	5.399	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	38376	4.954	ug/L	100
12) 1,1-Dichloroethene	2.570	96	34237	4.797	ug/L	100
13) Acetone	2.621	43	41257	44.850	ug/L	100
14) Carbon disulfide	2.782	76	105577	4.707	ug/L	100
15) Methyl Acetate	2.946	43	10465	4.526	ug/L	100
16) Methylene chloride	3.033	84	35829	4.804	ug/L	100
17) Methyl tert-butyl Ether	3.351	73	87763	4.917	ug/L	100
18) trans-1,2-Dichloroethene	3.341	96	36363	4.933	ug/L	100
19) 1,1-Dichloroethane	3.856	63	64759	4.812	ug/L	100
21) 2-Butanone	4.692	43	60564	45.885	ug/L	100
22) cis-1,2-Dichloroethene	4.653	96	39015	4.743	ug/L	100
23) Bromochloromethane	4.965	128	18016	4.964	ug/L	100
25) Chloroform	5.074	83	75485	4.960	ug/L	100
27) 1,2-Dichloroethane	5.785	62	49473	5.062	ug/L	100
29) 1,1,1-Trichloroethane	5.303	97	74275	5.316	ug/L	100
30) Cyclohexane	5.377	56	51117	4.628	ug/L	100
31) Carbon tetrachloride	5.515	117	68137	5.302	ug/L	100
33) Benzene	5.762	78	142523	4.723	ug/L	100
34) Trichloroethene	6.534	95	45086	5.151	ug/L	100
35) Methylcyclohexane	6.753	83	60756	4.776	ug/L	100
37) 1,2-Dichloropropane	6.782	63	33695	4.644	ug/L	100
38) Bromodichloromethane	7.097	83	53317	5.067	ug/L	100
39) cis-1,3-Dichloropropene	7.598	75	58271	4.915	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	154038	45.365	ug/L	100
42) Toluene	7.962	91	160706	4.920	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	50588	5.200	ug/L	100

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

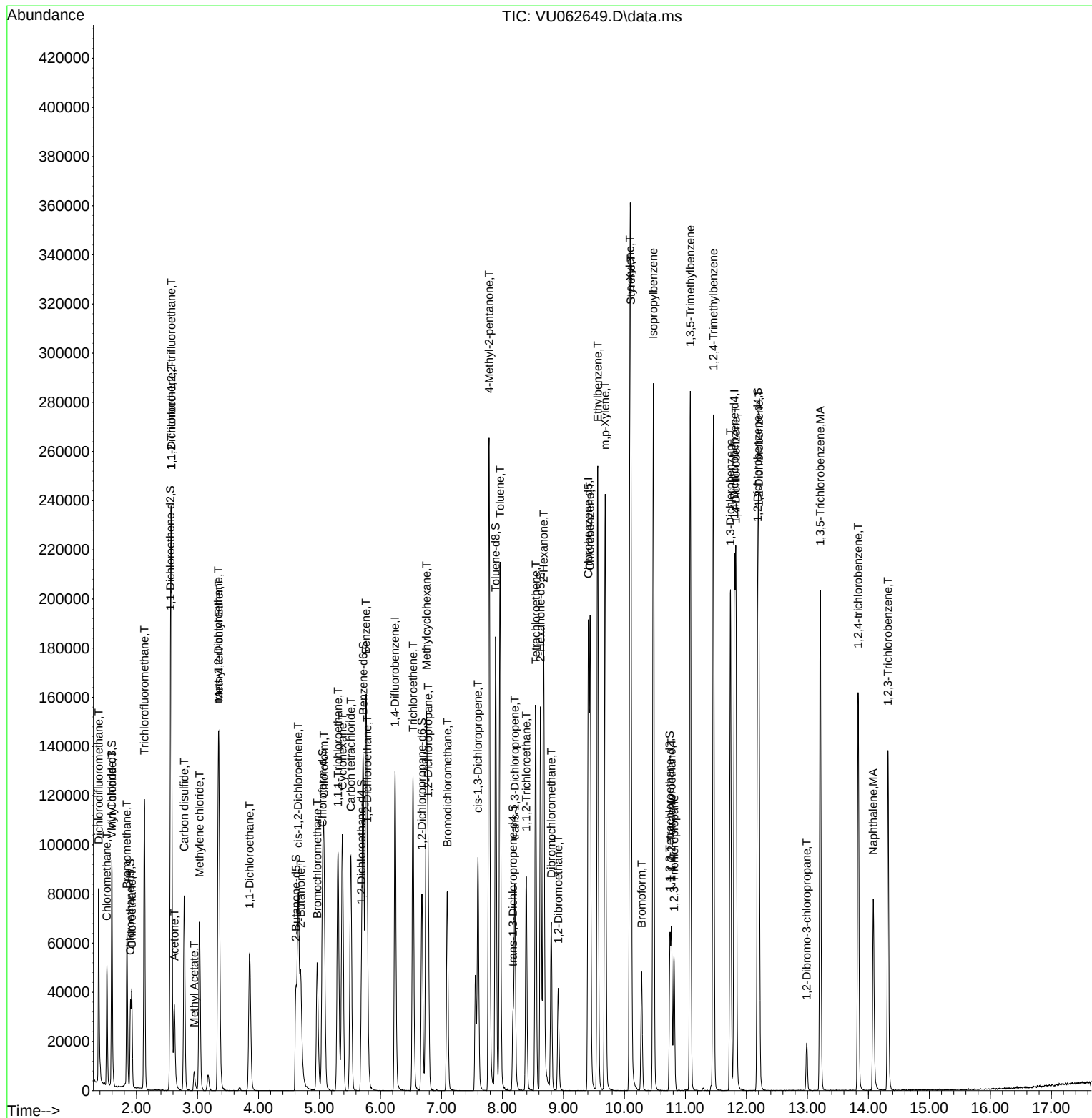
45) 1,1,2-Trichloroethane	8.389	97	26075	4.717	ug/L	100
47) Tetrachloroethene	8.547	164	33436	5.009	ug/L	100
48) 2-Hexanone	8.675	43	106851	42.956	ug/L	100
49) Dibromochloromethane	8.801	129	35973	5.258	ug/L	100
50) 1,2-Dibromoethane	8.913	107	26324	4.918	ug/L	100
51) Chlorobenzene	9.438	112	101625	4.846	ug/L	100
52) Ethylbenzene	9.563	91	179532	4.912	ug/L	100
53) m,p-Xylene	9.685	106	68271	5.055	ug/L	100
54) o-Xylene	10.093	106	64954	4.948	ug/L	100
55) Styrene	10.106	104	110319	5.070	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	29951	4.673	ug/L	100
59) Bromoform	10.283	173	22271	5.414	ug/L	100
60) Isopropylbenzene	10.476	105	184267	4.979	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	22446	4.764	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	157427	5.017	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	152502	4.964	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	84758	4.960	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	82000	4.786	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	77941	4.943	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.987	75	5918	5.589	ug/L	100
69) 1,3,5-Trichlorobenzene	13.212	180	63701	4.988	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	49938	4.931	ug/L	100
71) Naphthalene	14.080	128	69694	4.595	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	41890	4.698	ug/L	100

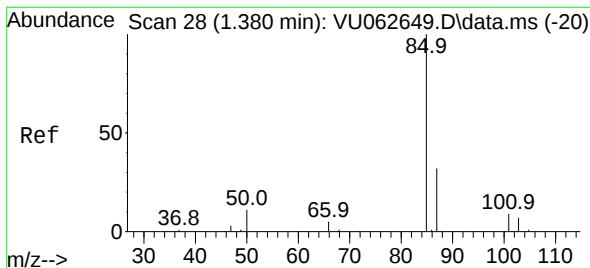
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#2

Dichlorodifluoromethane

Concen: 5.128 ug/L

RT: 1.380 min Scan# 20

Delta R.T. 0.000 min

Lab File: VU062649.D

Acq: 02 Jan 2025 11:16

Instrument :

MSVOA_U

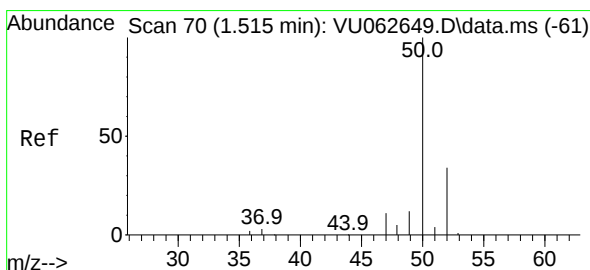
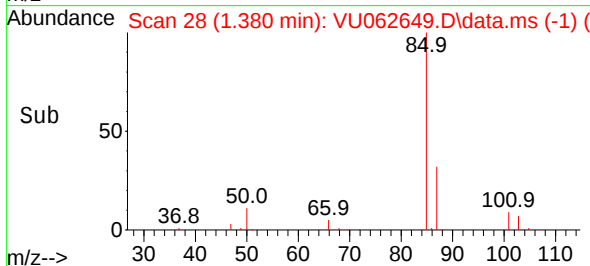
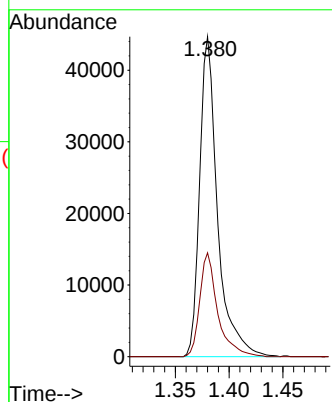
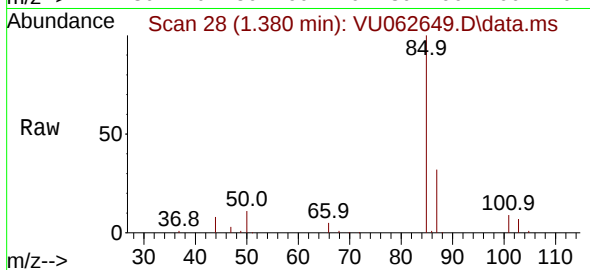
ClientSampleId :

Tgt Ion: 85 Resp: 51716

Ion Ratio Lower Upper

85 100

87 32.6 26.1 39.1



#3

Chloromethane

Concen: 4.346 ug/L

RT: 1.515 min Scan# 70

Delta R.T. 0.000 min

Lab File: VU062649.D

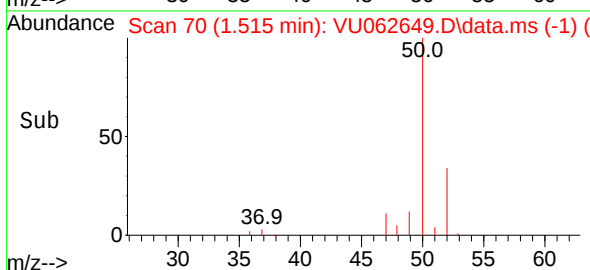
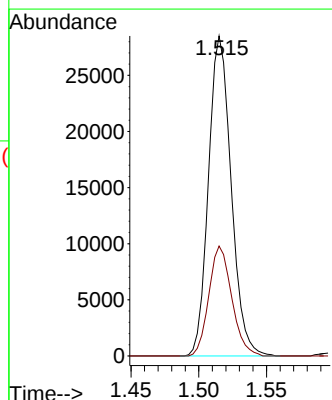
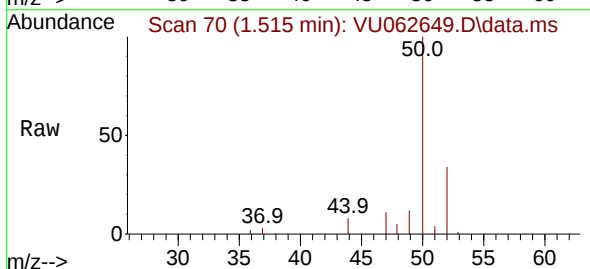
Acq: 02 Jan 2025 11:16

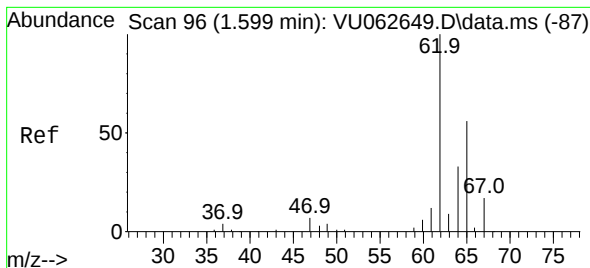
Tgt Ion: 50 Resp: 33188

Ion Ratio Lower Upper

50 100

52 34.4 24.1 44.7





#5

Vinyl chloride

Concen: 4.799 ug/L

RT: 1.599 min Scan# 96

Delta R.T. 0.000 min

Lab File: VU062649.D

Acq: 02 Jan 2025 11:16

Instrument :

MSVOA_U

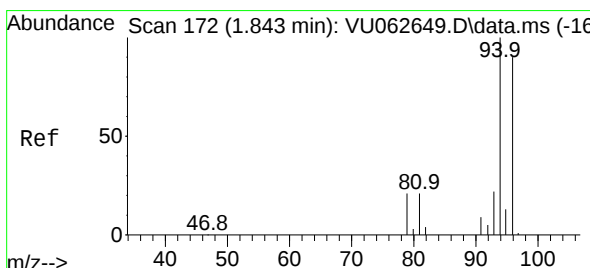
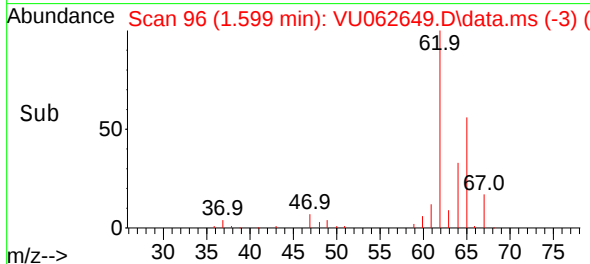
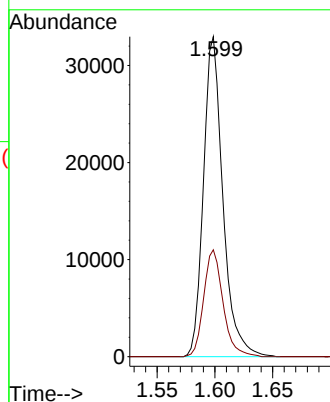
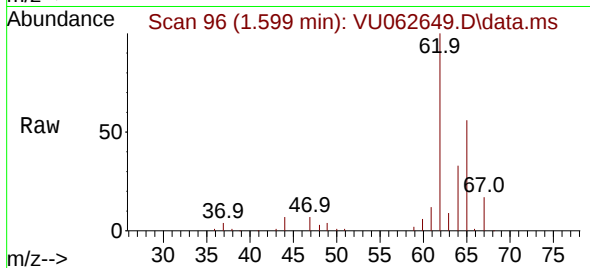
ClientSampleId :

Tgt Ion: 62 Resp: 38622

Ion Ratio Lower Upper

62 100

64 33.4 23.4 43.4



#6

Bromomethane

Concen: 5.073 ug/L

RT: 1.843 min Scan# 172

Delta R.T. 0.000 min

Lab File: VU062649.D

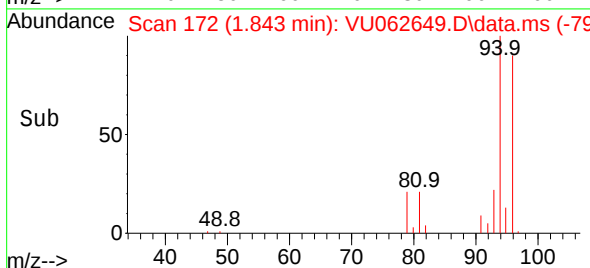
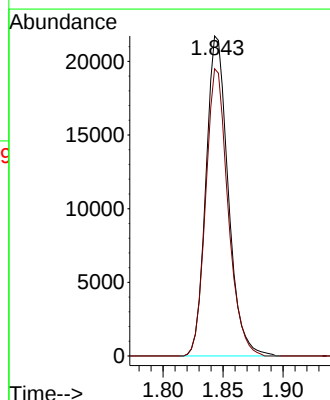
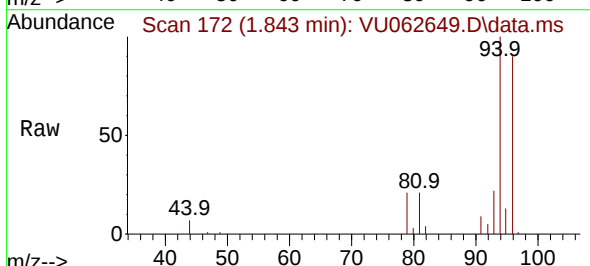
Acq: 02 Jan 2025 11:16

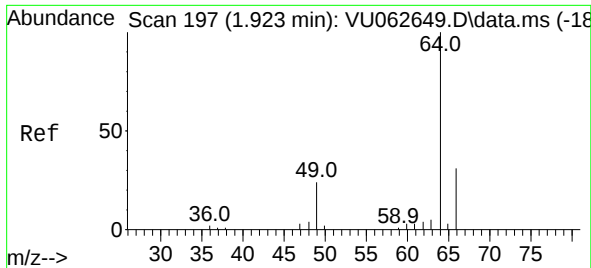
Tgt Ion: 94 Resp: 28037

Ion Ratio Lower Upper

94 100

96 89.8 62.9 116.7

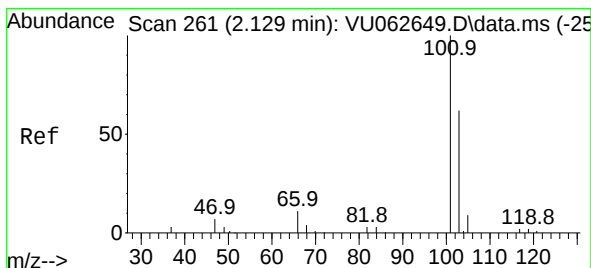
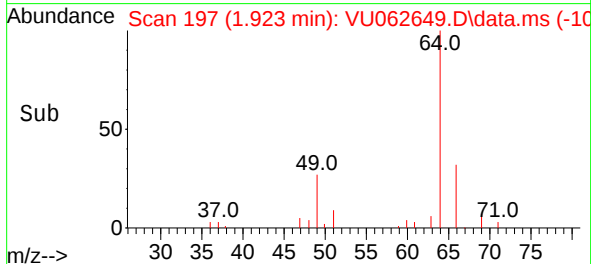
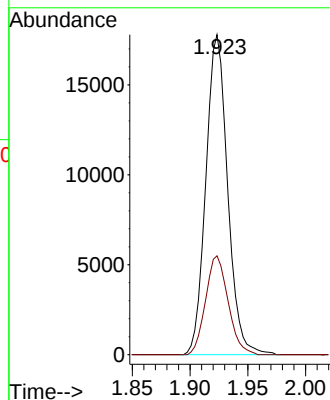
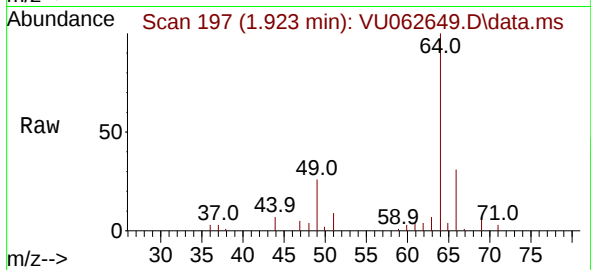




#8
Chloroethane
Concen: 5.092 ug/L
RT: 1.923 min Scan# 197
Delta R.T. 0.000 min
Lab File: VU062649.D
Acq: 02 Jan 2025 11:16

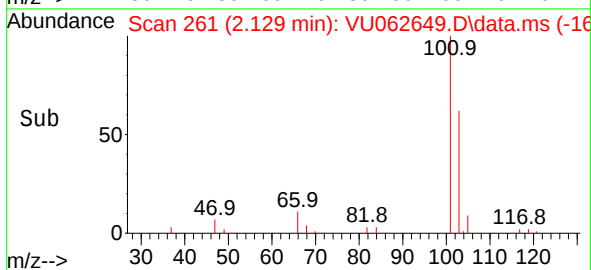
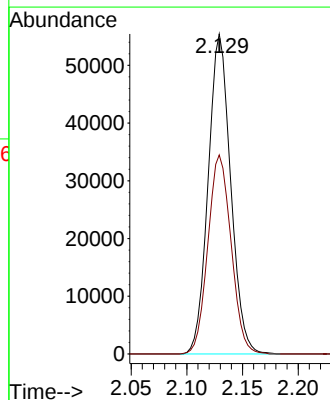
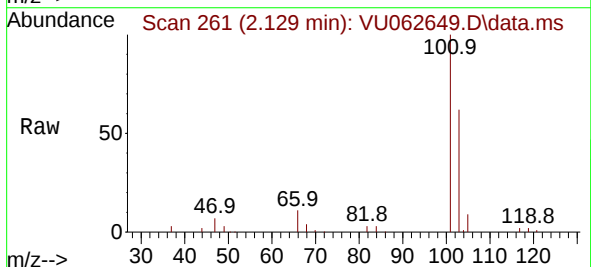
Instrument :
MSVOA_U
ClientSampleId :

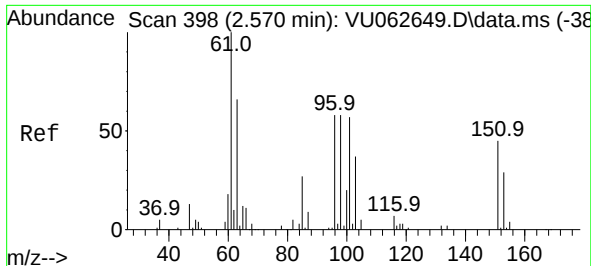
Tgt Ion: 64 Resp: 23311
Ion Ratio Lower Upper
64 100
66 30.9 21.6 40.2



#9
Trichlorofluoromethane
Concen: 5.399 ug/L
RT: 2.129 min Scan# 261
Delta R.T. 0.000 min
Lab File: VU062649.D
Acq: 02 Jan 2025 11:16

Tgt Ion:101 Resp: 77846
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.0

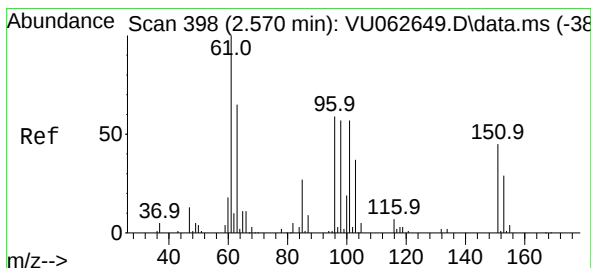
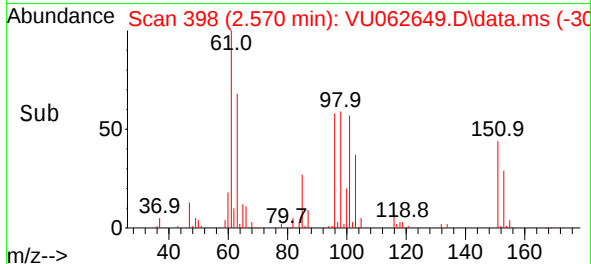
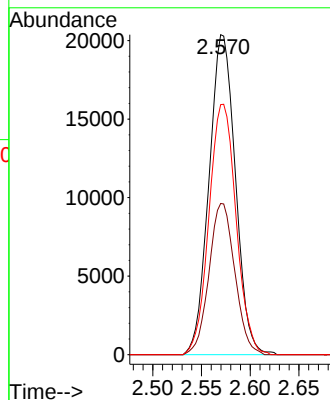
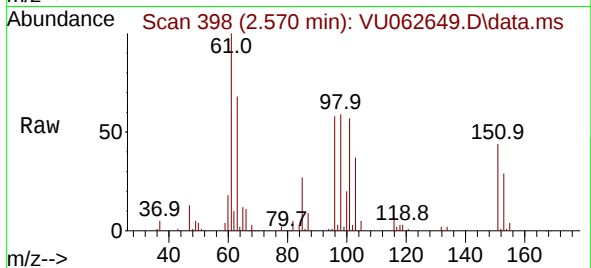




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.954 ug/L
RT: 2.570 min Scan# 398
Delta R.T. 0.000 min
Lab File: VU062649.D
Acq: 02 Jan 2025 11:16

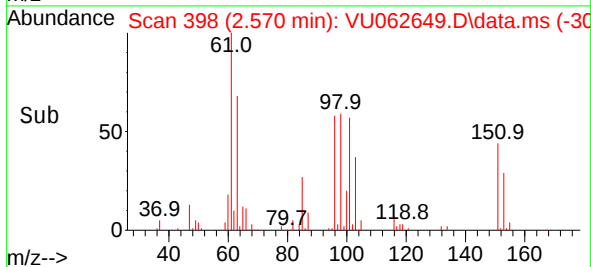
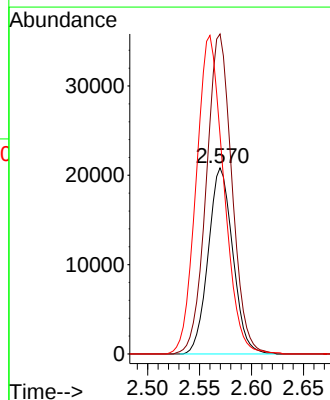
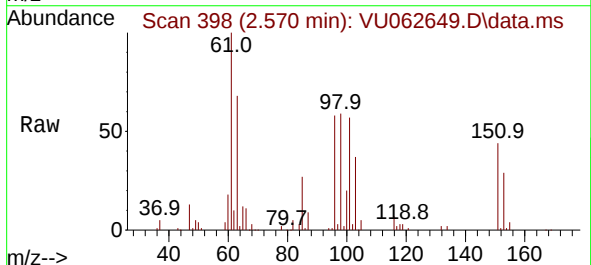
Instrument :
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ClientSampleId :

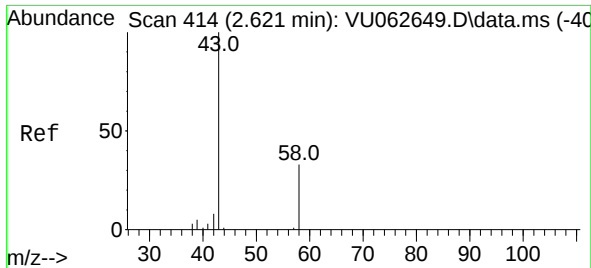
Tgt Ion:101 Resp: 38376
Ion Ratio Lower Upper
101 100
85 46.3 37.0 55.6
151 80.5 64.4 96.6



#12
1,1-Dichloroethene
Concen: 4.797 ug/L
RT: 2.570 min Scan# 398
Delta R.T. 0.000 min
Lab File: VU062649.D
Acq: 02 Jan 2025 11:16

Tgt Ion: 96 Resp: 34237
Ion Ratio Lower Upper
96 100
61 172.0 120.4 223.6
63 117.6 82.3 152.9





#13

Acetone

Concen: 44.850 ug/L

RT: 2.621 min Scan# 414

Delta R.T. 0.000 min

Lab File: VU062649.D

Acq: 02 Jan 2025 11:16

Instrument :

MSVOA_U

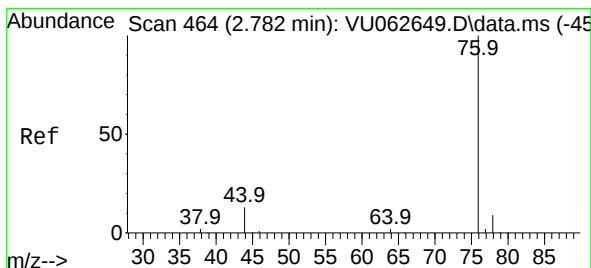
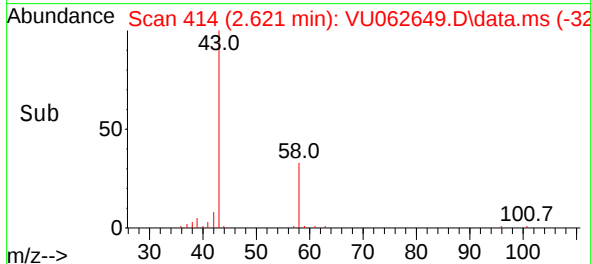
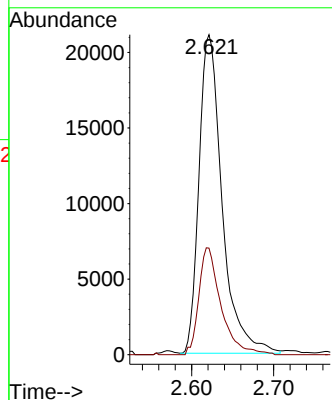
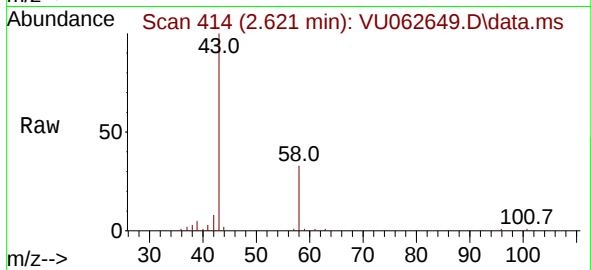
ClientSampleId :

Tgt Ion: 43 Resp: 41257

Ion Ratio Lower Upper

43 100

58 32.2 0.0 64.4



#14

Carbon disulfide

Concen: 4.707 ug/L

RT: 2.782 min Scan# 464

Delta R.T. 0.000 min

Lab File: VU062649.D

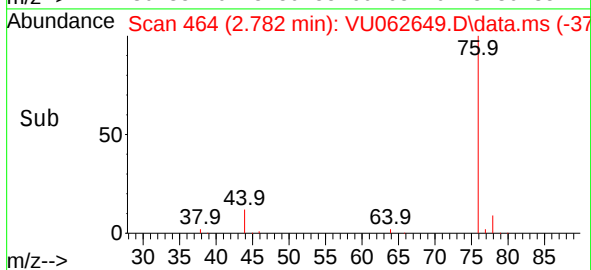
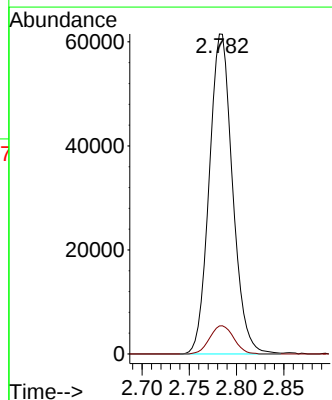
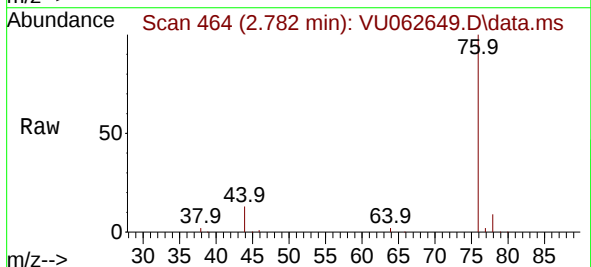
Acq: 02 Jan 2025 11:16

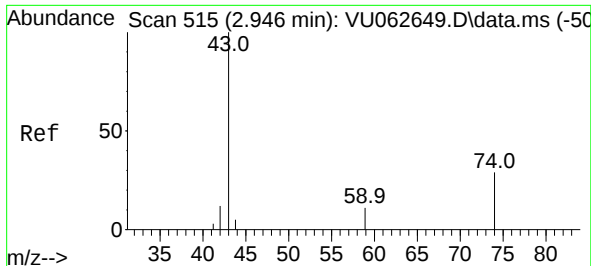
Tgt Ion: 76 Resp: 105577

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6





#15

Methyl Acetate

Concen: 4.526 ug/L

RT: 2.946 min Scan# 515

Delta R.T. 0.000 min

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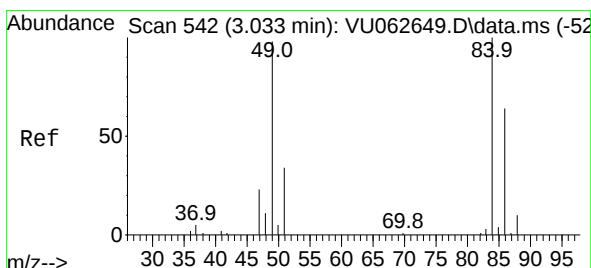
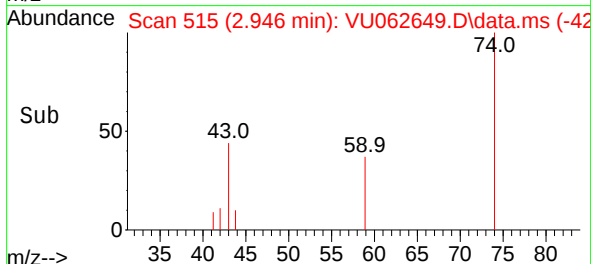
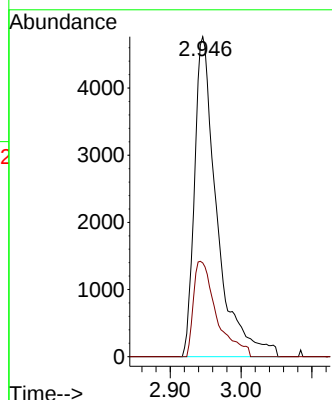
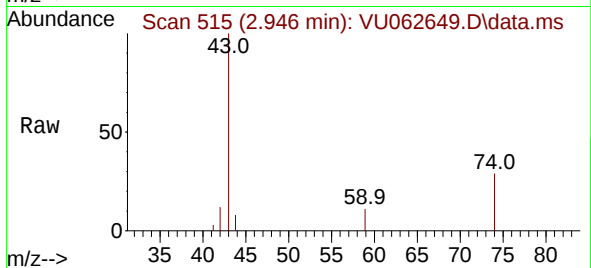
ClientSampleId :

Tgt Ion: 43 Resp: 10465

Ion Ratio Lower Upper

43 100

74 30.5 24.4 36.6



#16

Methylene chloride

Concen: 4.804 ug/L

RT: 3.033 min Scan# 542

Delta R.T. 0.000 min

Lab File: VU062649.D

Acq: 02 Jan 2025 11:16

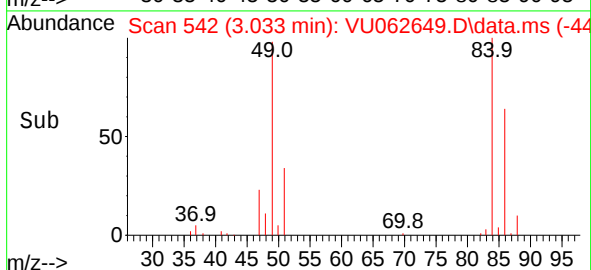
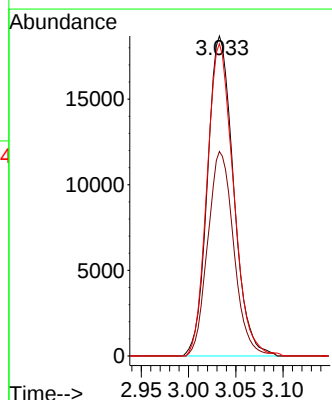
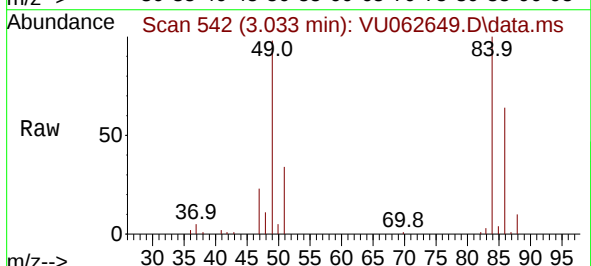
Tgt Ion: 84 Resp: 35829

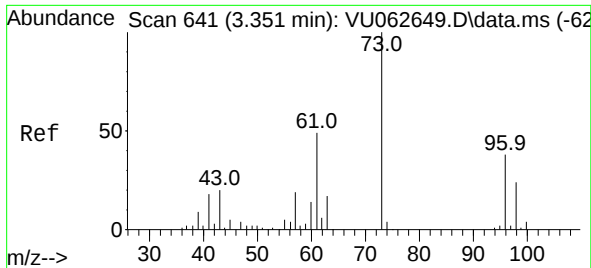
Ion Ratio Lower Upper

84 100

86 63.9 44.7 83.1

49 97.6 68.3 126.9

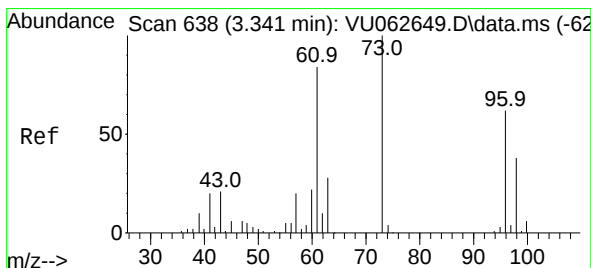
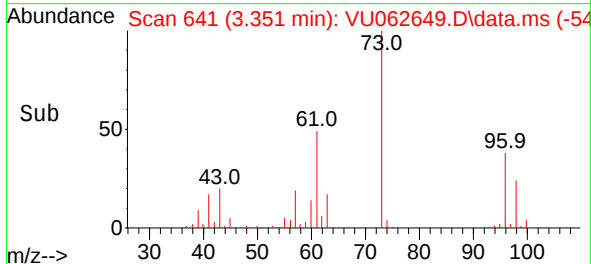
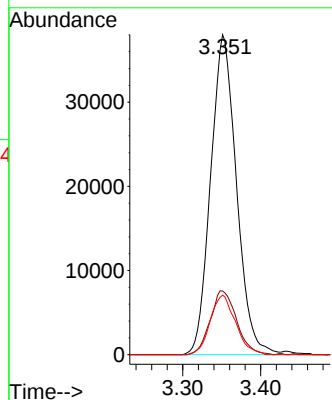
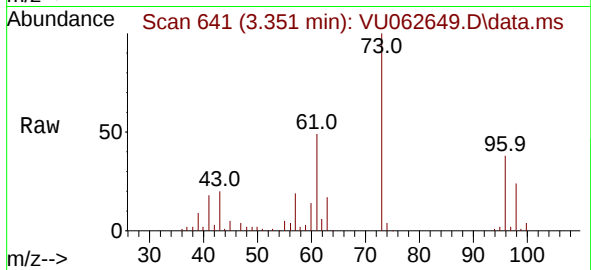




#17
Methyl tert-butyl Ether
Concen: 4.917 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU062649.D
Acq: 02 Jan 2025 11:16

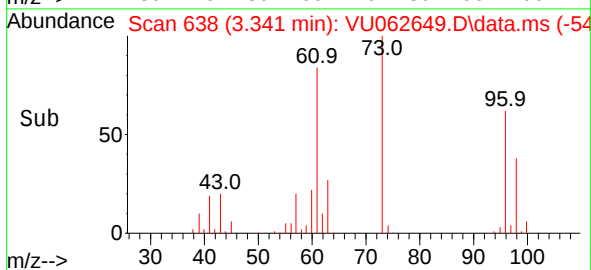
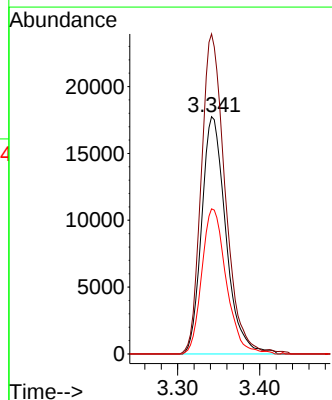
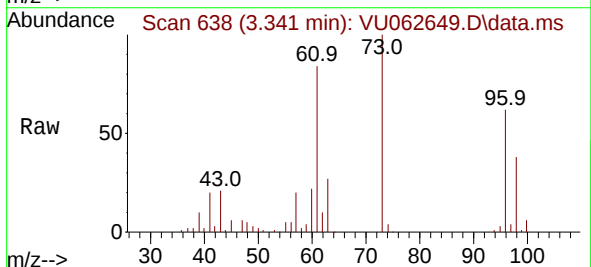
Instrument :
MSVOA_U
ClientSampleId :

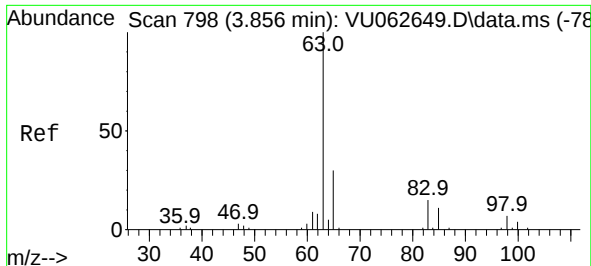
Tgt Ion: 73 Resp: 87763
Ion Ratio Lower Upper
73 100
43 20.3 16.2 24.4
57 18.3 14.6 22.0



#18
trans-1,2-Dichloroethene
Concen: 4.933 ug/L
RT: 3.341 min Scan# 638
Delta R.T. 0.000 min
Lab File: VU062649.D
Acq: 02 Jan 2025 11:16

Tgt Ion: 96 Resp: 36363
Ion Ratio Lower Upper
96 100
61 134.8 94.4 175.2
98 61.1 42.8 79.4

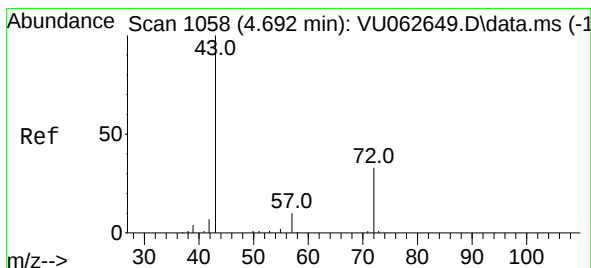
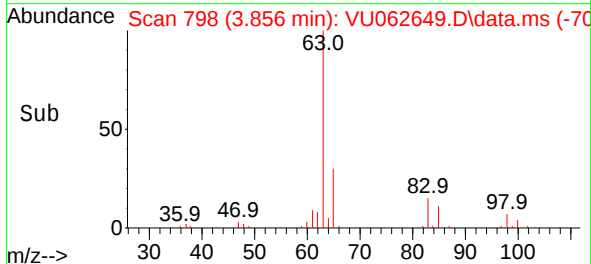
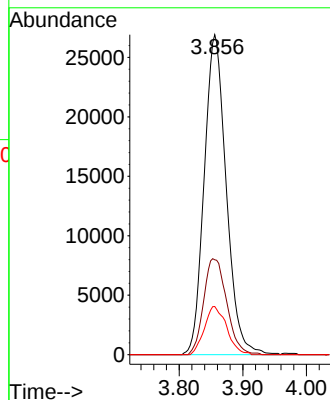
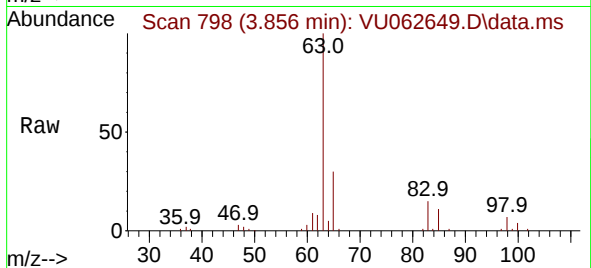




#19
1,1-Dichloroethane
Concen: 4.812 ug/L
RT: 3.856 min Scan# 798
Delta R.T. 0.000 min
Lab File: VU062649.D
Acq: 02 Jan 2025 11:16

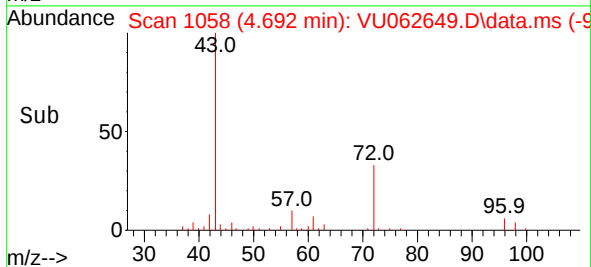
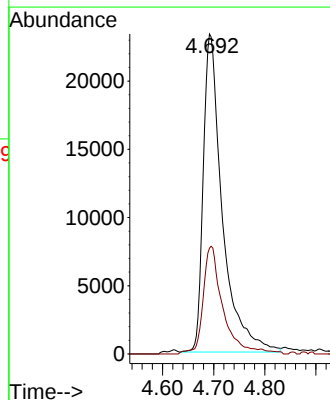
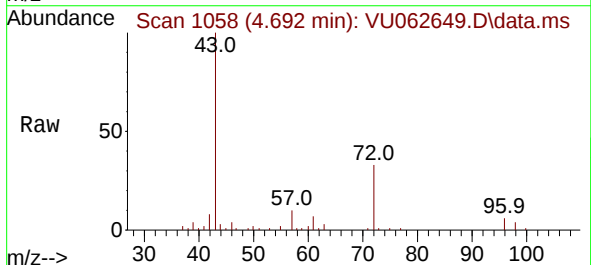
Instrument :
MSVOA_U
ClientSampleId :

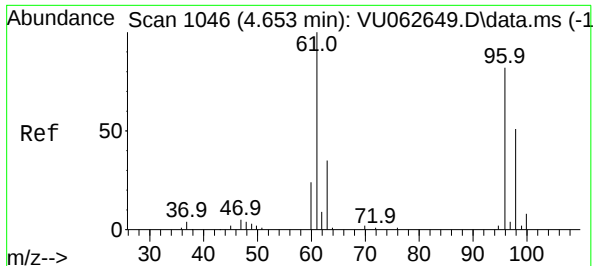
Tgt Ion: 63 Resp: 64759
Ion Ratio Lower Upper
63 100
65 29.6 20.7 38.5
83 15.0 10.5 19.5



#21
2-Butanone
Concen: 45.885 ug/L
RT: 4.692 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VU062649.D
Acq: 02 Jan 2025 11:16

Tgt Ion: 43 Resp: 60564
Ion Ratio Lower Upper
43 100
72 34.1 17.1 51.2

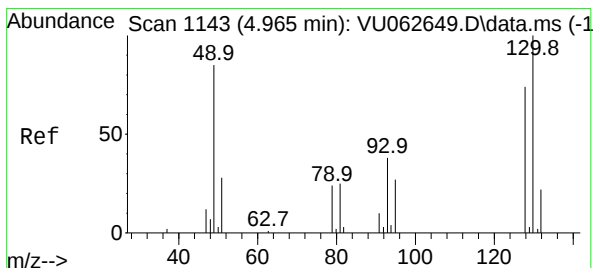
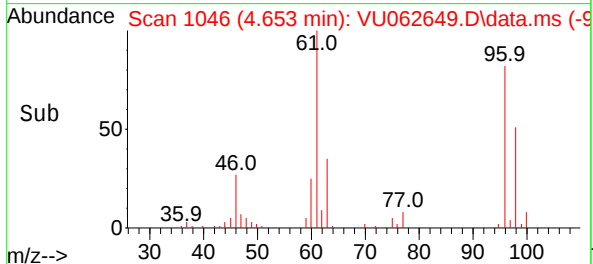
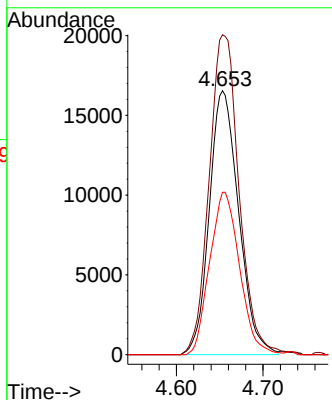
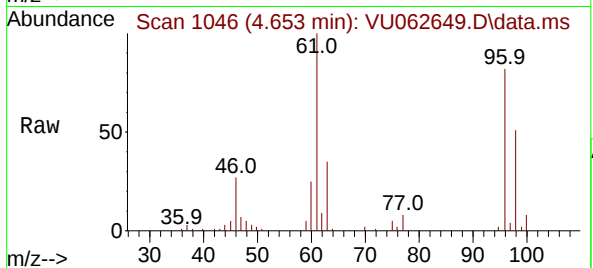




#22
 cis-1,2-Dichloroethene
 Concen: 4.743 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. 0.000 min
 Lab File: VU062649.D
 Acq: 02 Jan 2025 11:16

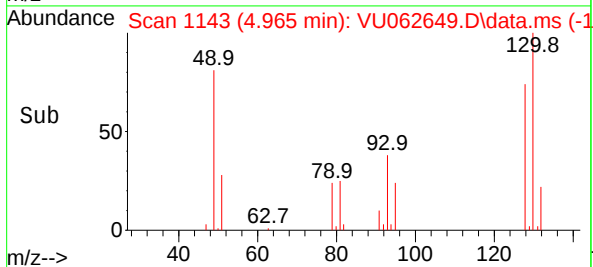
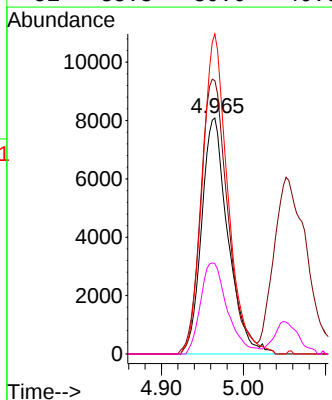
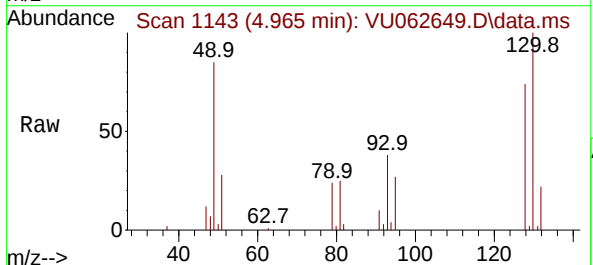
Instrument :
 MSVOA_U
 ClientSampleId :

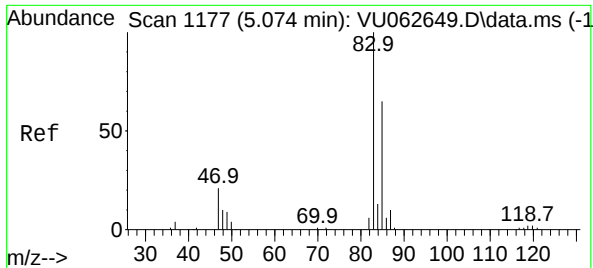
Tgt Ion: 96 Resp: 39015
 Ion Ratio Lower Upper
 96 100
 61 121.2 84.8 157.6
 98 61.6 43.1 80.1



#23
 Bromochloromethane
 Concen: 4.964 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. 0.000 min
 Lab File: VU062649.D
 Acq: 02 Jan 2025 11:16

Tgt Ion:128 Resp: 18016
 Ion Ratio Lower Upper
 128 100
 49 115.9 81.1 150.7
 130 135.6 94.9 176.3
 51 38.3 30.6 46.0

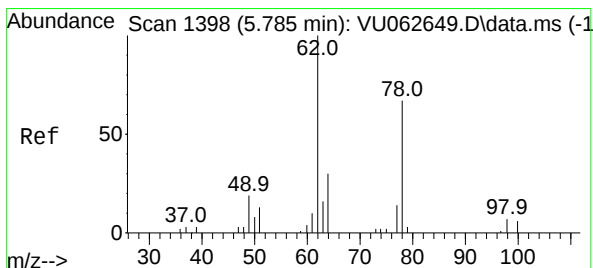
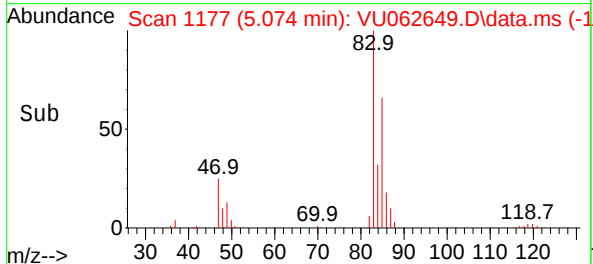
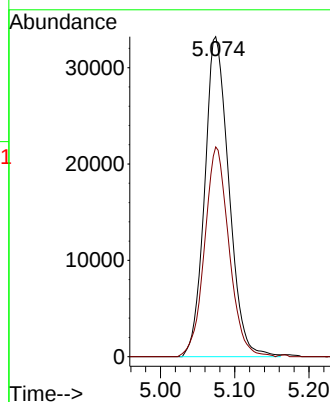
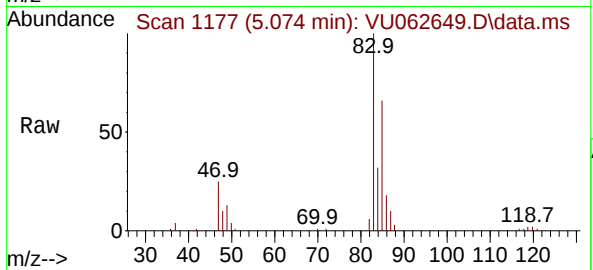




#25
Chloroform
Concen: 4.960 ug/L
RT: 5.074 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VU062649.D
Acq: 02 Jan 2025 11:16

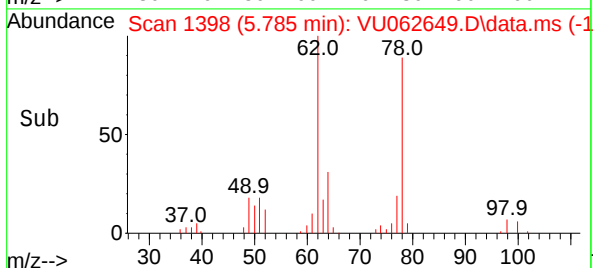
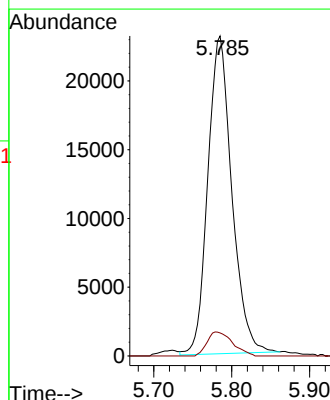
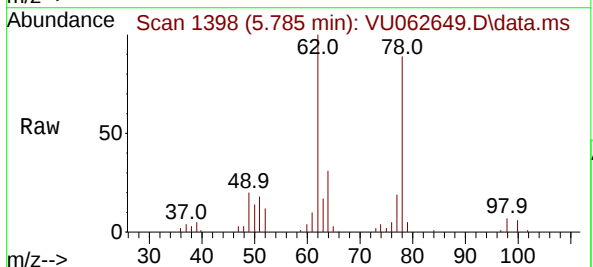
Instrument :
MSVOA_U
ClientSampleId :

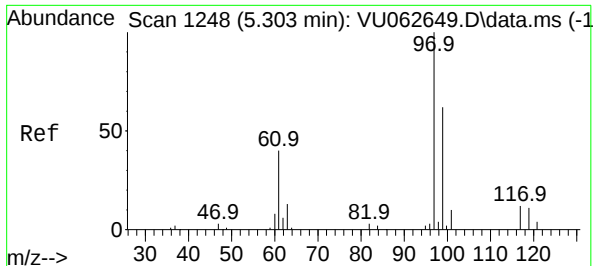
Tgt Ion: 83 Resp: 75485
Ion Ratio Lower Upper
83 100
85 65.5 45.8 85.2



#27
1,2-Dichloroethane
Concen: 5.062 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VU062649.D
Acq: 02 Jan 2025 11:16

Tgt Ion: 62 Resp: 49473
Ion Ratio Lower Upper
62 100
98 7.2 5.8 8.6

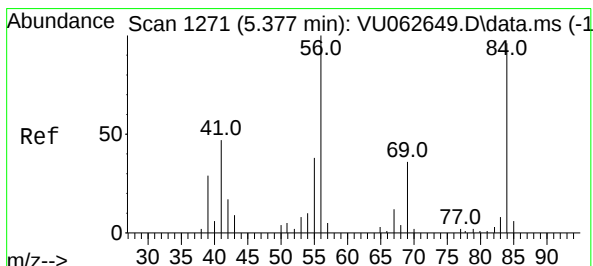
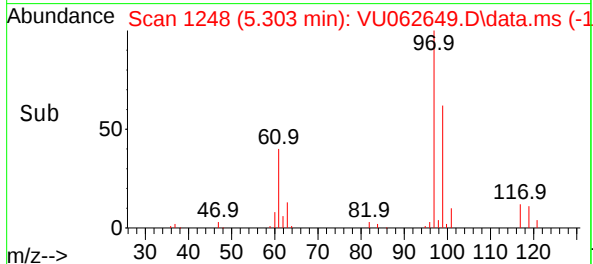
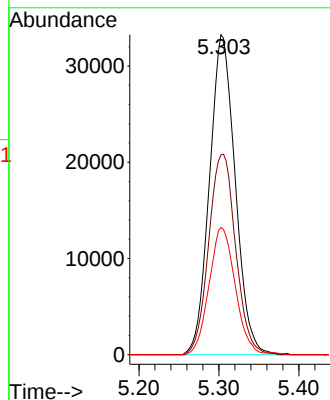
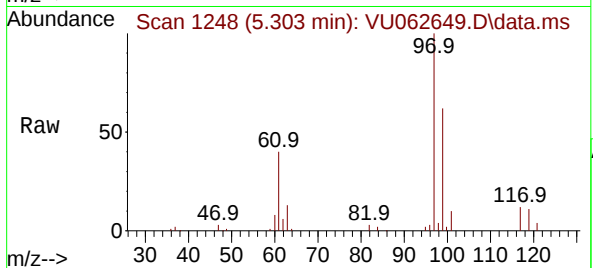




#29
1,1,1-Trichloroethane
Concen: 5.316 ug/L
RT: 5.303 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VU062649.D
Acq: 02 Jan 2025 11:16

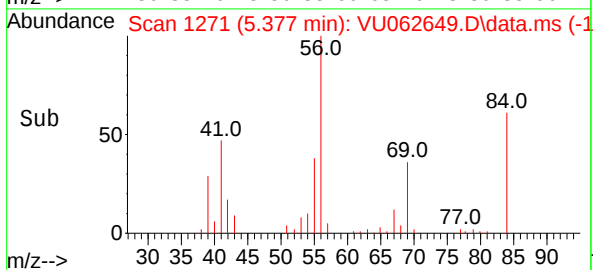
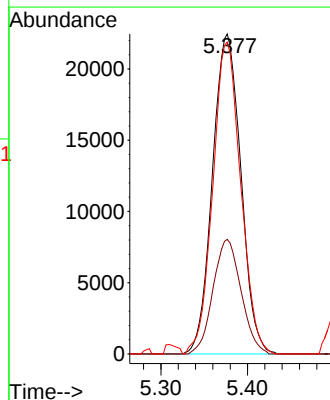
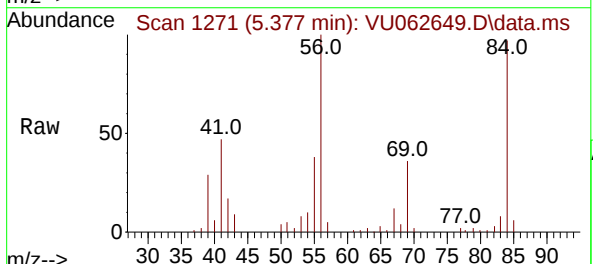
Instrument :
MSVOA_U
ClientSampleId :

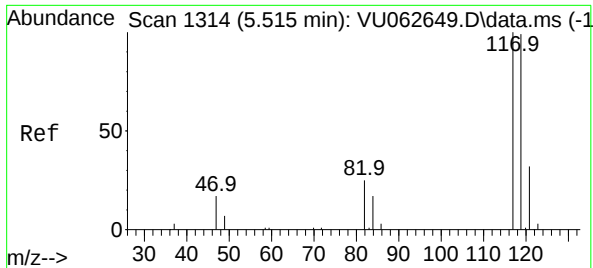
Tgt Ion: 97 Resp: 74275
Ion Ratio Lower Upper
97 100
99 65.5 52.4 78.6
61 40.3 32.2 48.4



#30
Cyclohexane
Concen: 4.628 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VU062649.D
Acq: 02 Jan 2025 11:16

Tgt Ion: 56 Resp: 51117
Ion Ratio Lower Upper
56 100
69 35.4 28.3 42.5
84 95.6 76.5 114.7

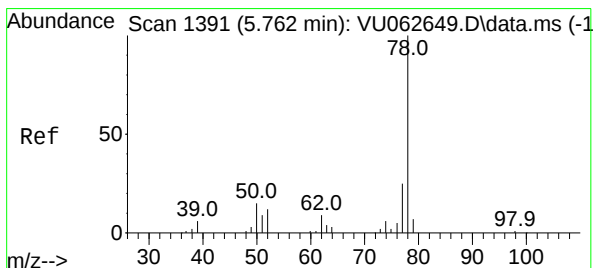
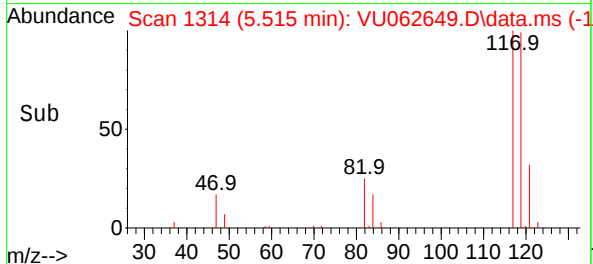
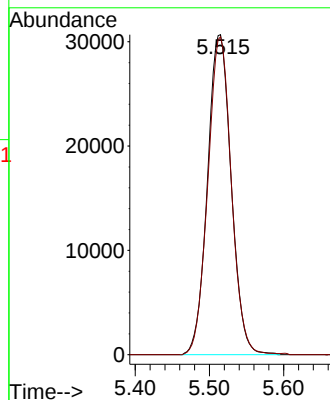
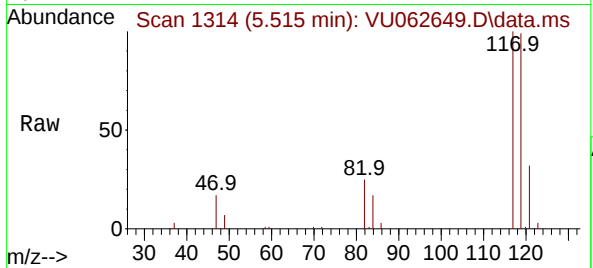




#31
Carbon tetrachloride
Concen: 5.302 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU062649.D
Acq: 02 Jan 2025 11:16

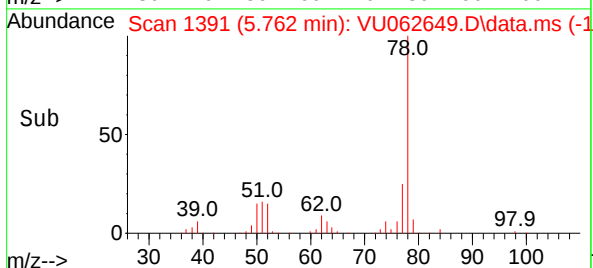
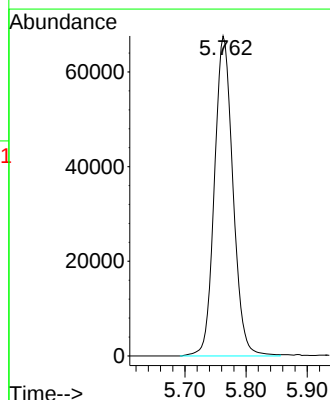
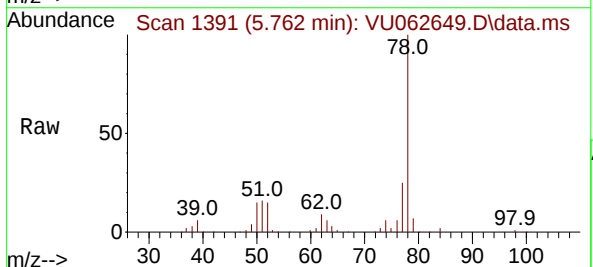
Instrument :
MSVOA_U
ClientSampleId :

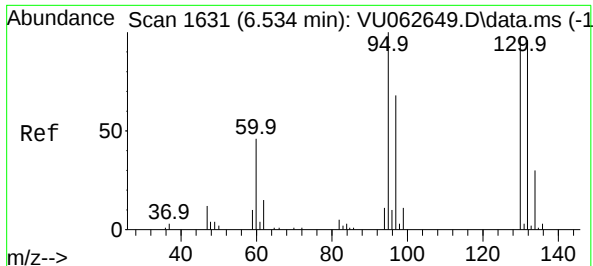
Tgt Ion:117 Resp: 68137
Ion Ratio Lower Upper
117 100
119 98.3 78.6 118.0



#33
Benzene
Concen: 4.723 ug/L
RT: 5.762 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VU062649.D
Acq: 02 Jan 2025 11:16

Tgt Ion: 78 Resp: 142523

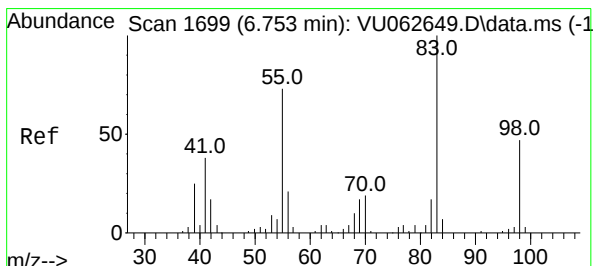
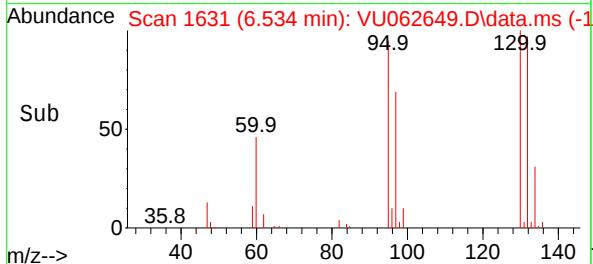
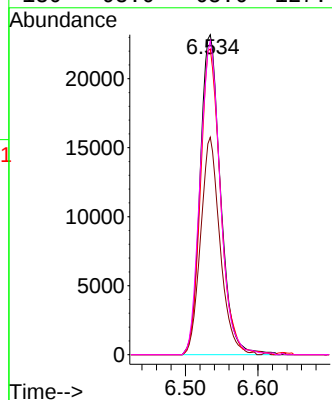
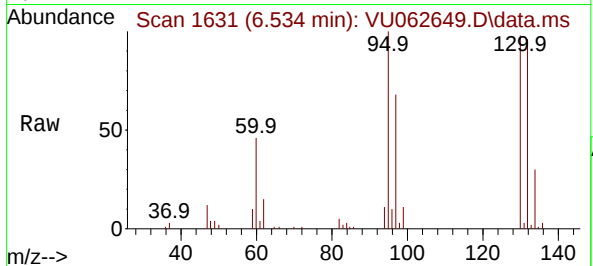




#34
Trichloroethene
Concen: 5.151 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU062649.D
Acq: 02 Jan 2025 11:16

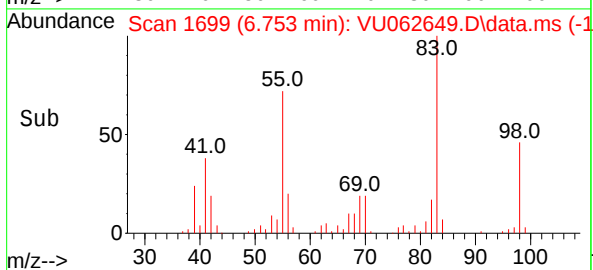
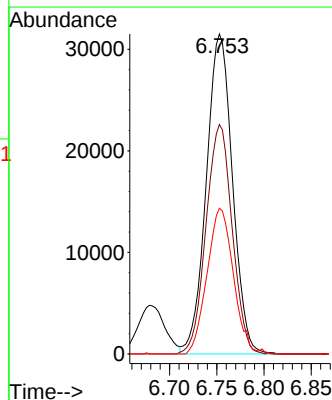
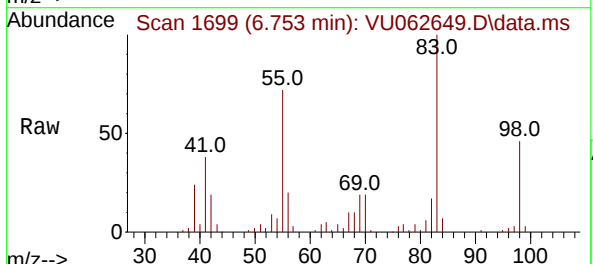
Instrument :
MSVOA_U
ClientSampleId :

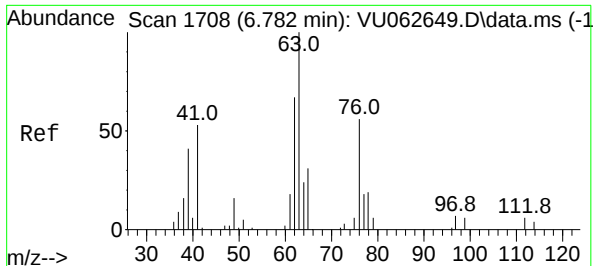
Tgt Ion: 95 Resp: 45086
Ion Ratio Lower Upper
95 100
97 67.9 47.5 88.3
132 95.6 66.9 124.3
130 98.0 68.6 127.4



#35
Methylcyclohexane
Concen: 4.776 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VU062649.D
Acq: 02 Jan 2025 11:16

Tgt Ion: 83 Resp: 60756
Ion Ratio Lower Upper
83 100
55 71.5 57.2 85.8
98 45.8 36.6 55.0

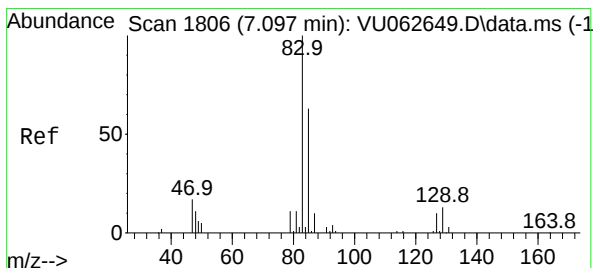
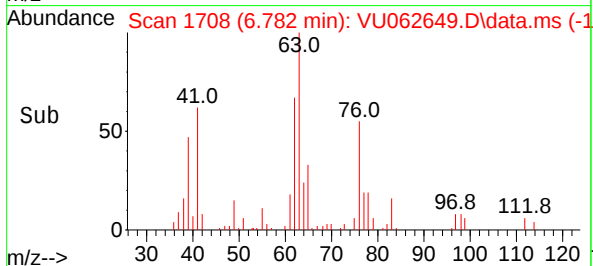
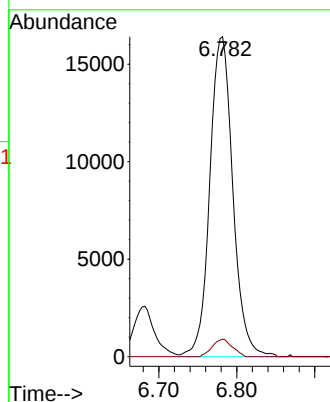
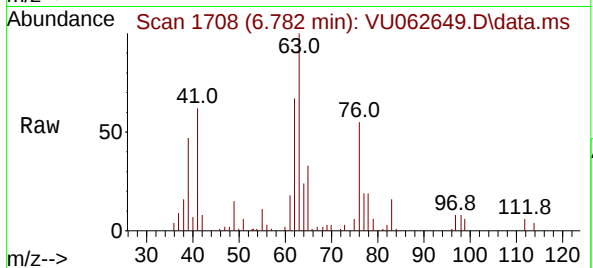




#37
1,2-Dichloropropane
Concen: 4.644 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VU062649.D
Acq: 02 Jan 2025 11:16

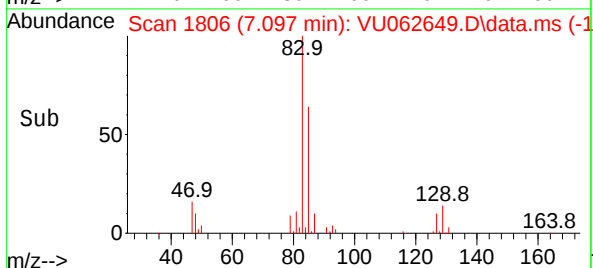
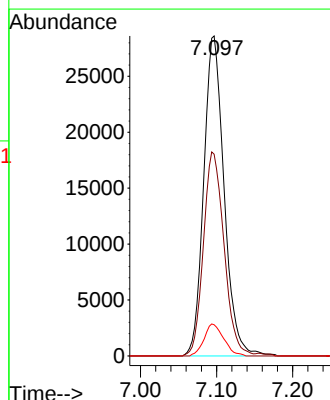
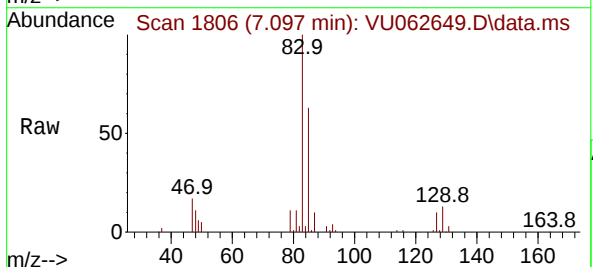
Instrument :
MSVOA_U
ClientSampleId :

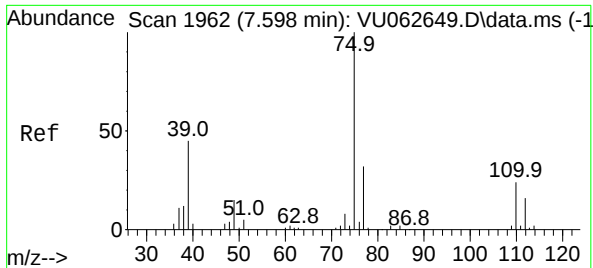
Tgt Ion: 63 Resp: 33695
Ion Ratio Lower Upper
63 100
112 4.8 3.8 5.8



#38
Bromodichloromethane
Concen: 5.067 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU062649.D
Acq: 02 Jan 2025 11:16

Tgt Ion: 83 Resp: 53317
Ion Ratio Lower Upper
83 100
85 63.1 44.2 82.0
127 9.8 7.8 11.8

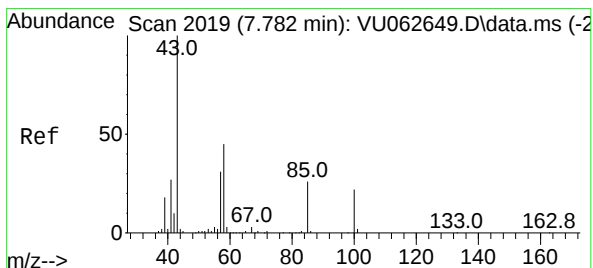
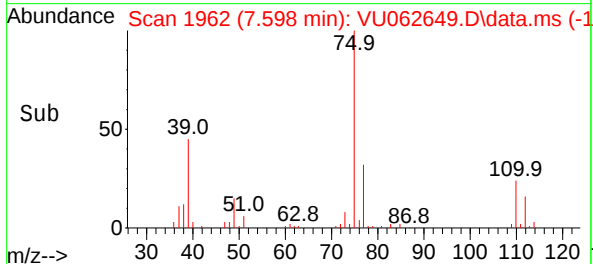
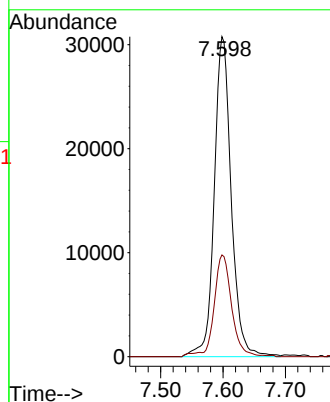
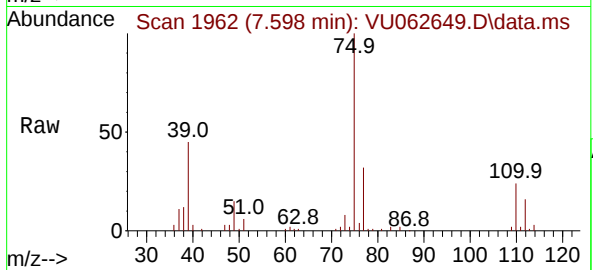




#39
 cis-1,3-Dichloropropene
 Concen: 4.915 ug/L
 RT: 7.598 min Scan# 1962
 Delta R.T. 0.000 min
 Lab File: VU062649.D
 Acq: 02 Jan 2025 11:16

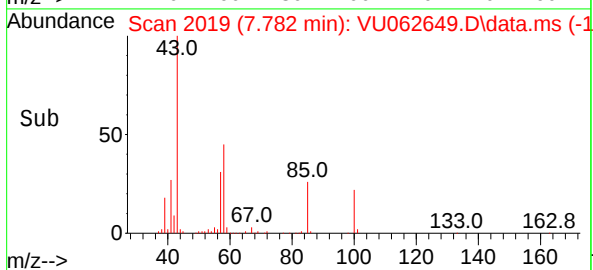
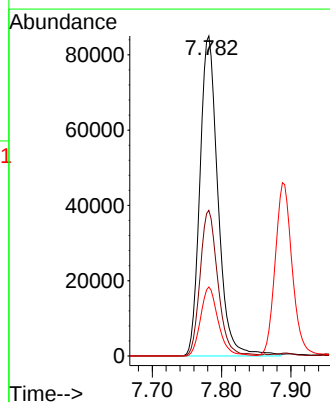
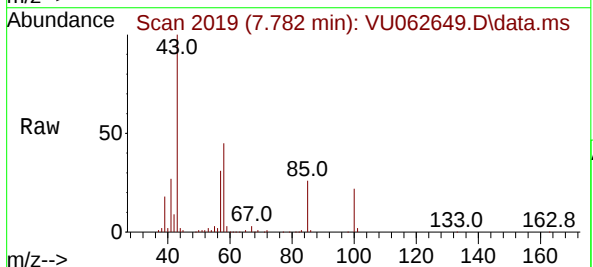
Instrument :
 MSVOA_U
 ClientSampleId :

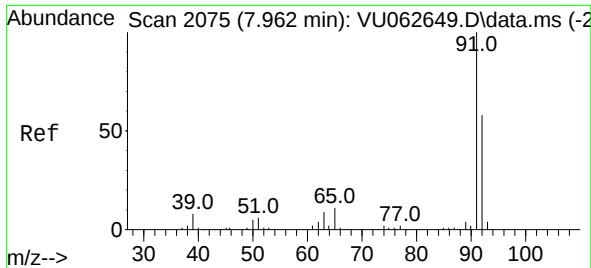
Tgt Ion: 75 Resp: 58271
 Ion Ratio Lower Upper
 75 100
 77 31.8 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 45.365 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VU062649.D
 Acq: 02 Jan 2025 11:16

Tgt Ion: 43 Resp: 154038
 Ion Ratio Lower Upper
 43 100
 58 44.8 35.8 53.8
 100 21.0 16.8 25.2





#42

Toluene

Concen: 4.920 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU062649.D

Acq: 02 Jan 2025 11:16

Instrument :

MSVOA_U

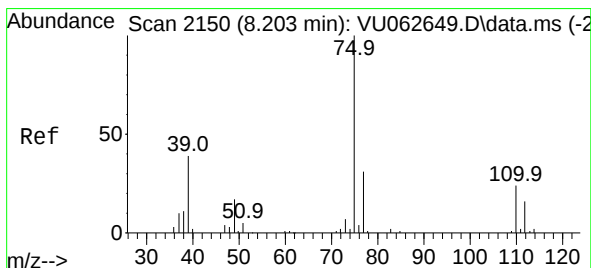
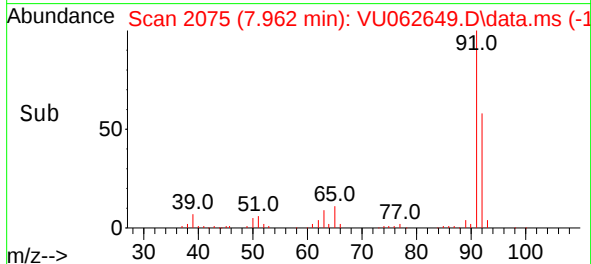
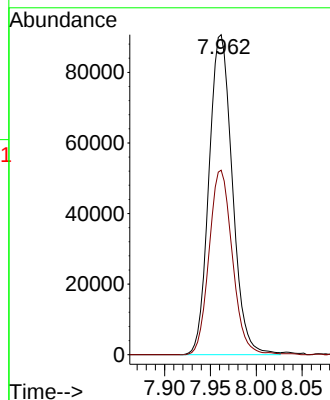
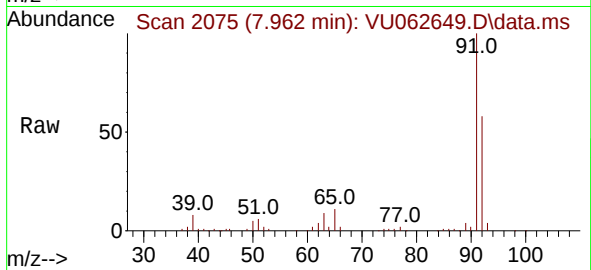
ClientSampleId :

Tgt Ion: 91 Resp: 160706

Ion Ratio Lower Upper

91 100

92 57.7 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 5.200 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU062649.D

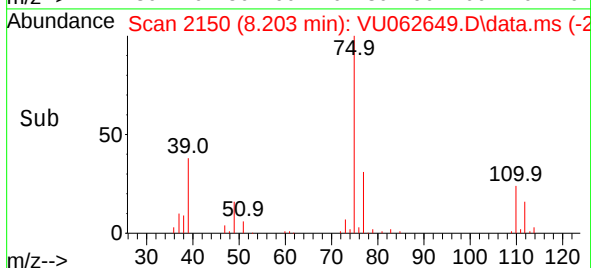
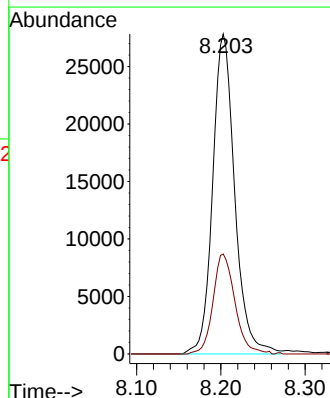
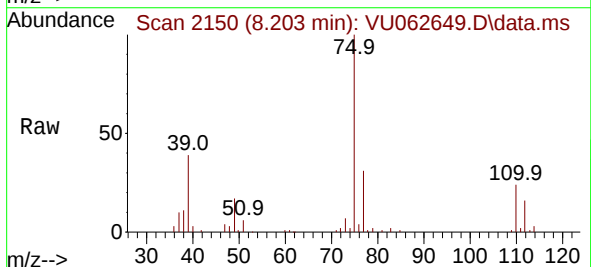
Acq: 02 Jan 2025 11:16

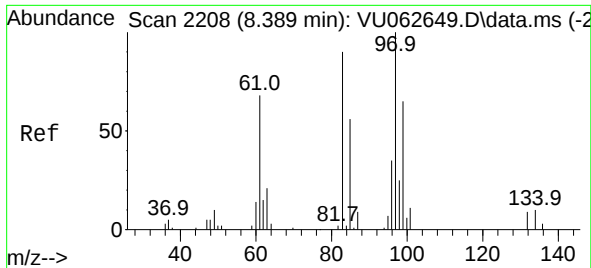
Tgt Ion: 75 Resp: 50588

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.6

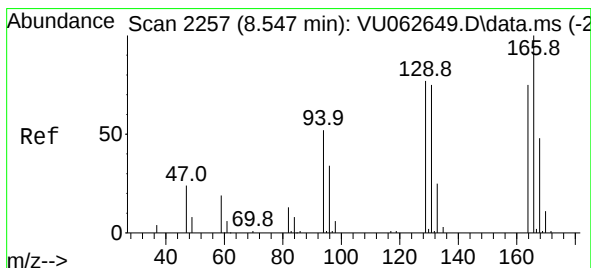
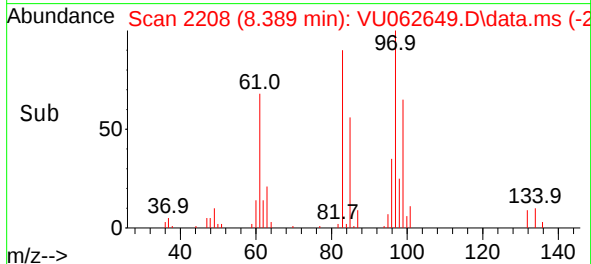
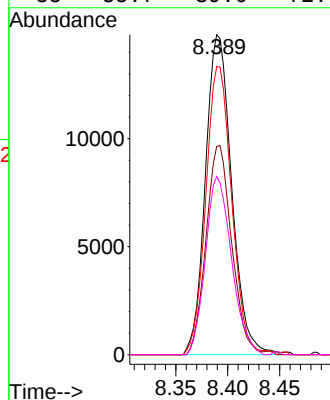
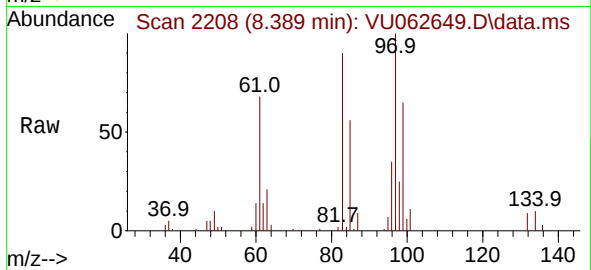




#45
1,1,2-Trichloroethane
Concen: 4.717 ug/L
RT: 8.389 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VU062649.D
Acq: 02 Jan 2025 11:16

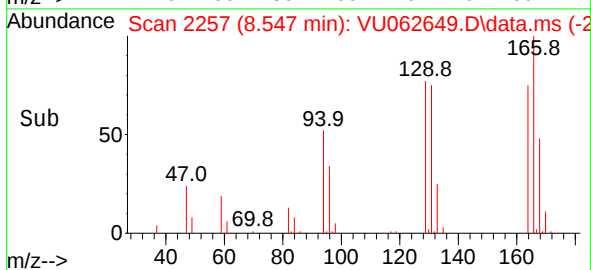
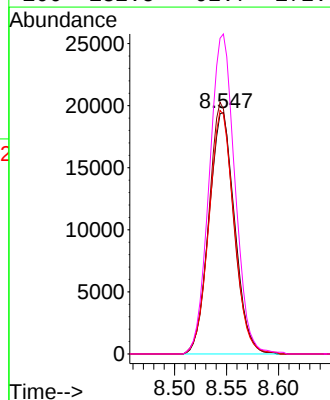
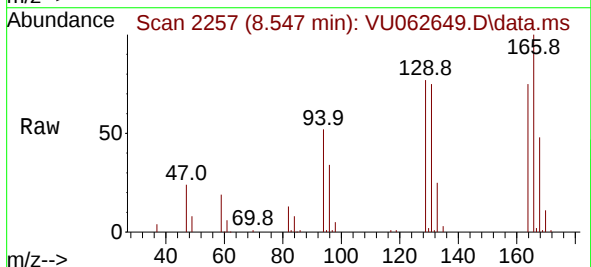
Instrument :
MSVOA_U
ClientSampleId :

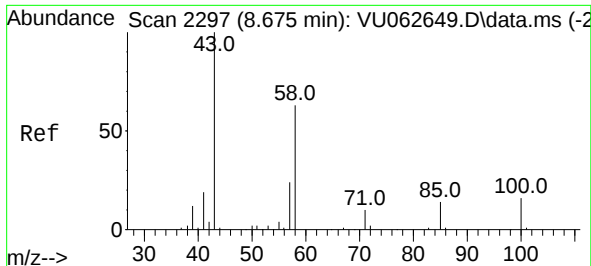
Tgt Ion:	97	Resp:	26075
Ion	Ratio	Lower	Upper
97	100		
99	65.1	45.6	84.6
83	90.0	63.0	117.0
85	55.7	39.0	72.4



#47
Tetrachloroethene
Concen: 5.009 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU062649.D
Acq: 02 Jan 2025 11:16

Tgt Ion:	164	Resp:	33436
Ion	Ratio	Lower	Upper
164	100		
129	101.5	71.0	131.9
131	99.2	69.4	129.0
166	132.5	92.7	172.3





#48

2-Hexanone

Concen: 42.956 ug/L

RT: 8.675 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VU062649.D

Acq: 02 Jan 2025 11:16

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43 Resp: 106851

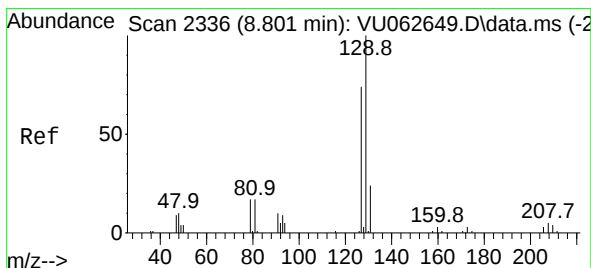
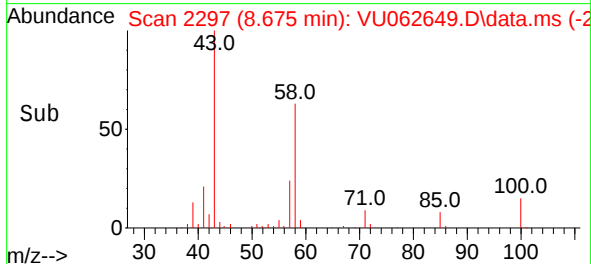
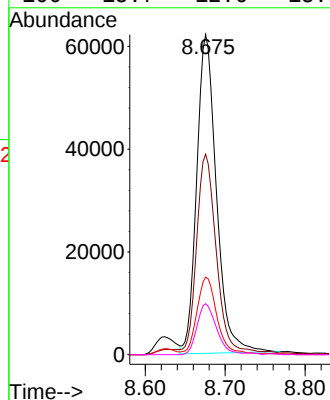
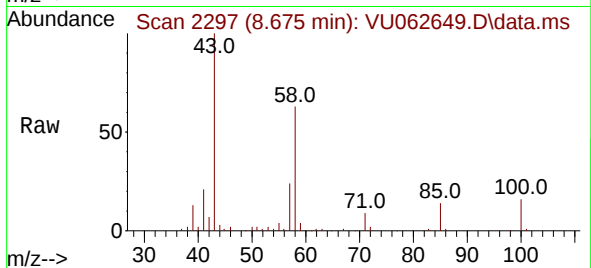
Ion Ratio Lower Upper

43 100

58 62.8 50.2 75.4

57 24.9 19.9 29.9

100 15.7 12.6 18.8



#49

Dibromochloromethane

Concen: 5.258 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VU062649.D

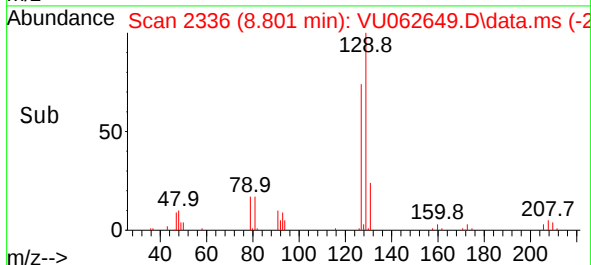
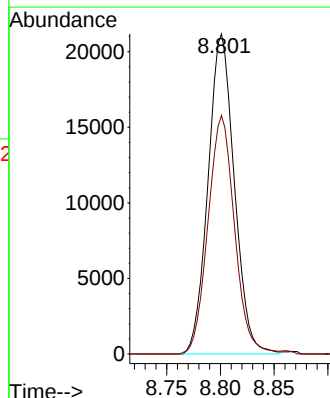
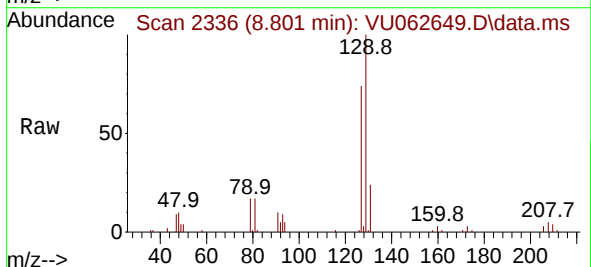
Acq: 02 Jan 2025 11:16

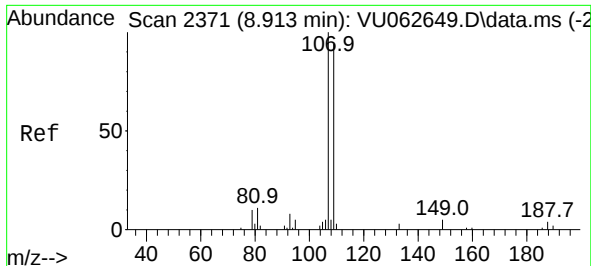
Tgt Ion: 129 Resp: 35973

Ion Ratio Lower Upper

129 100

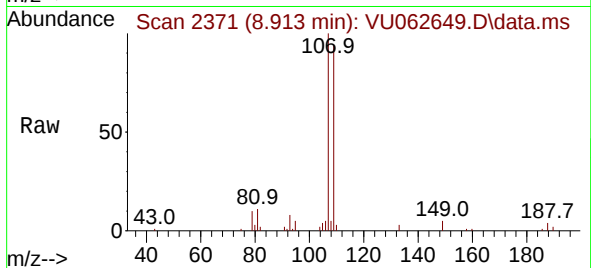
127 74.5 52.1 96.9



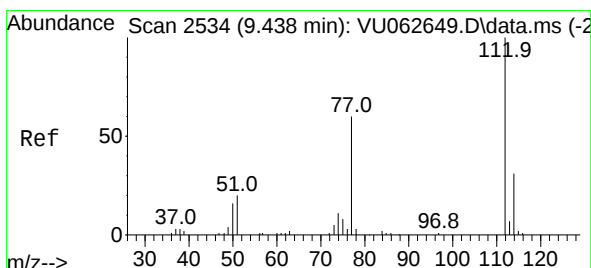
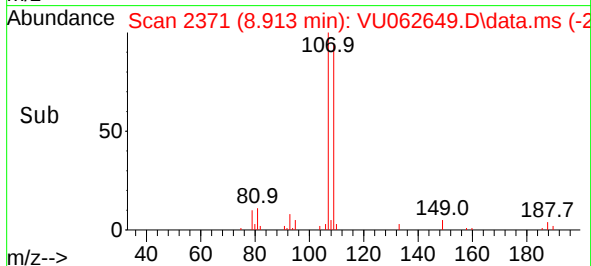
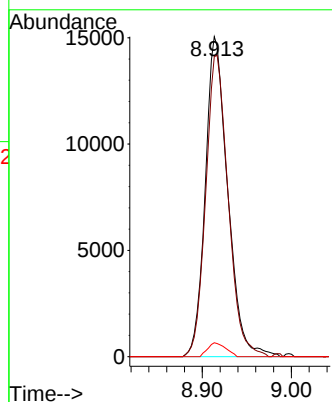


#50
1,2-Dibromoethane
Concen: 4.918 ug/L
RT: 8.913 min Scan# 2371
Delta R.T. 0.000 min
Lab File: VU062649.D
Acq: 02 Jan 2025 11:16

Instrument :
MSVOA_U
ClientSampleId :

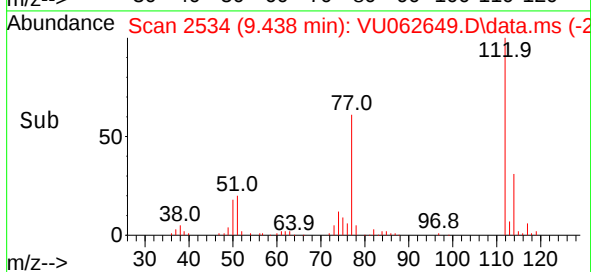
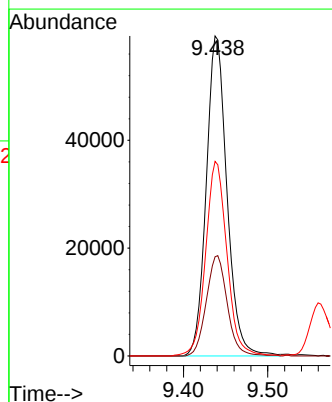
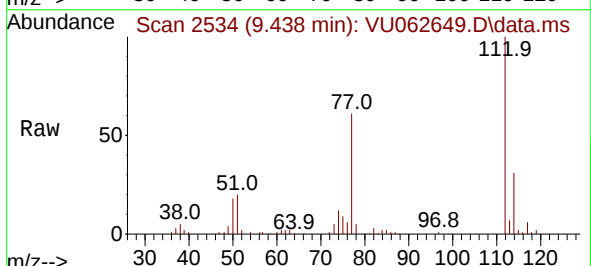


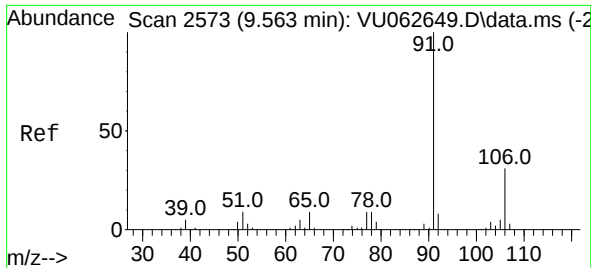
Tgt Ion:107 Resp: 26324
Ion Ratio Lower Upper
107 100
109 93.8 65.7 121.9
188 4.3 3.4 5.2



#51
Chlorobenzene
Concen: 4.846 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VU062649.D
Acq: 02 Jan 2025 11:16

Tgt Ion:112 Resp: 101625
Ion Ratio Lower Upper
112 100
114 31.0 21.7 40.3
77 60.8 48.6 73.0

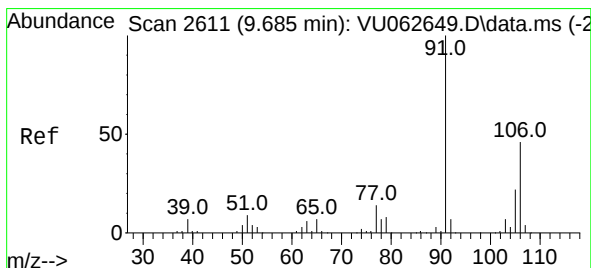
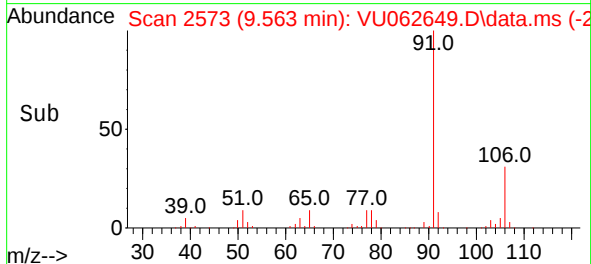
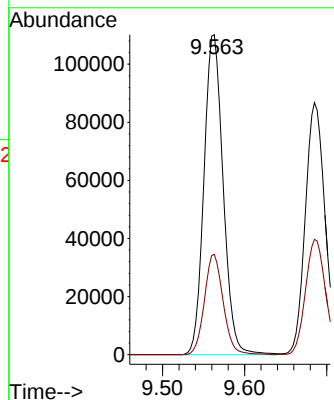
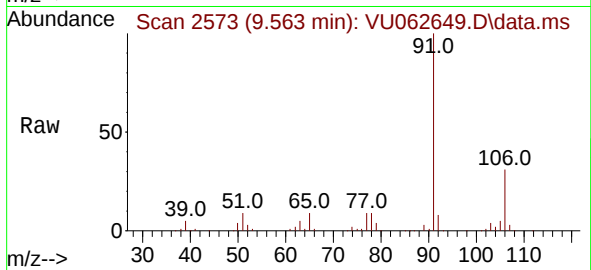




#52
Ethylbenzene
Concen: 4.912 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU062649.D
Acq: 02 Jan 2025 11:16

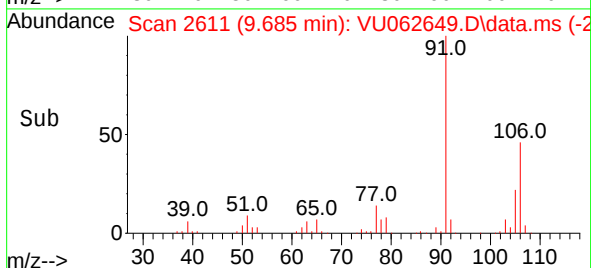
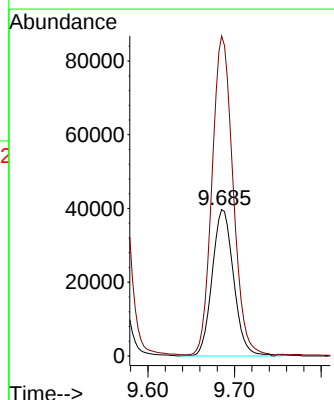
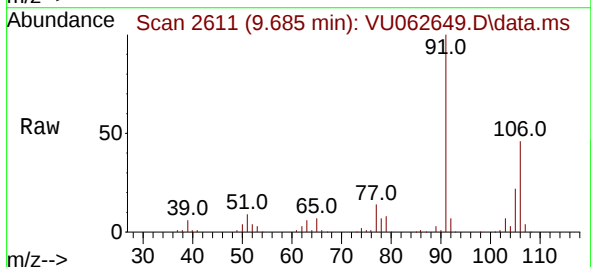
Instrument :
MSVOA_U
ClientSampleId :

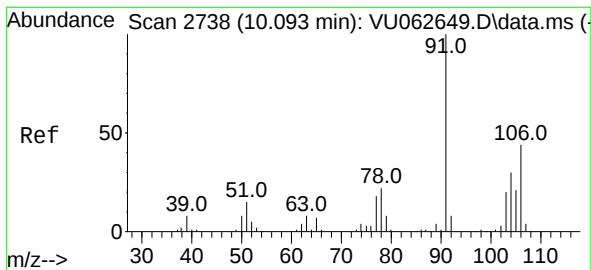
Tgt Ion: 91 Resp: 179532
Ion Ratio Lower Upper
91 100
106 31.3 21.9 40.7



#53
m,p-Xylene
Concen: 5.055 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU062649.D
Acq: 02 Jan 2025 11:16

Tgt Ion:106 Resp: 68271
Ion Ratio Lower Upper
106 100
91 218.7 153.1 284.3





#54

o-Xylene

Concen: 4.948 ug/L

RT: 10.093 min Scan# 2738

Delta R.T. 0.000 min

Lab File: VU062649.D

Acq: 02 Jan 2025 11:16

Instrument :

MSVOA_U

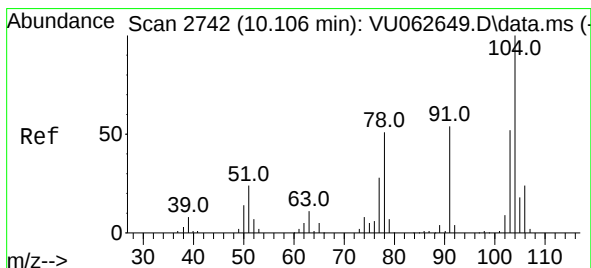
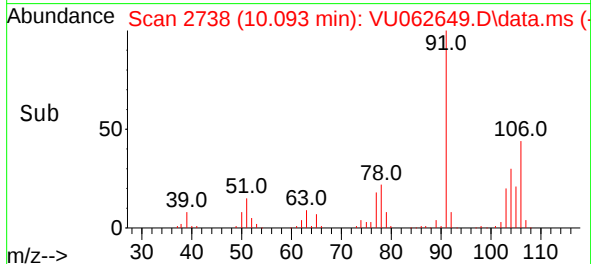
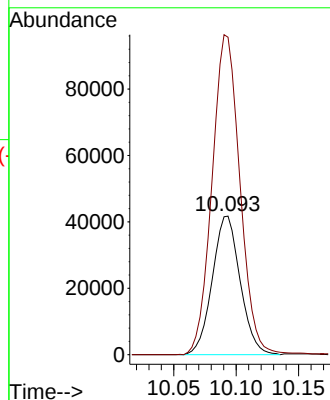
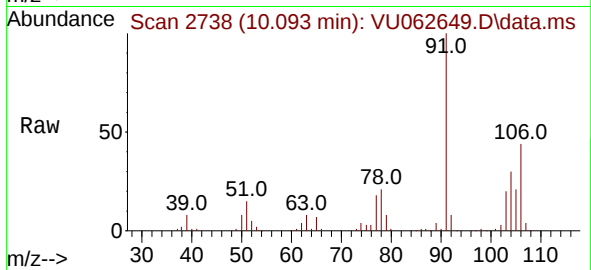
ClientSampleId :

Tgt Ion:106 Resp: 64954

Ion Ratio Lower Upper

106 100

91 229.1 160.4 297.8



#55

Styrene

Concen: 5.070 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. 0.000 min

Lab File: VU062649.D

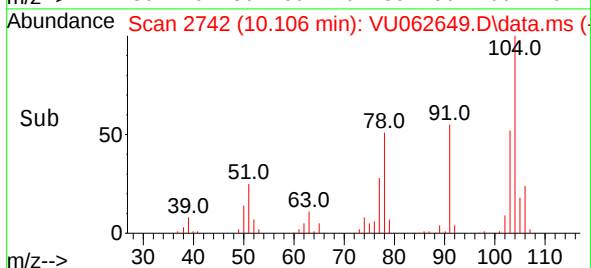
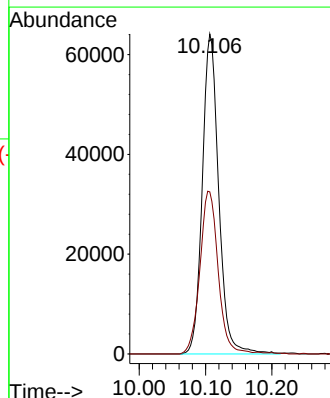
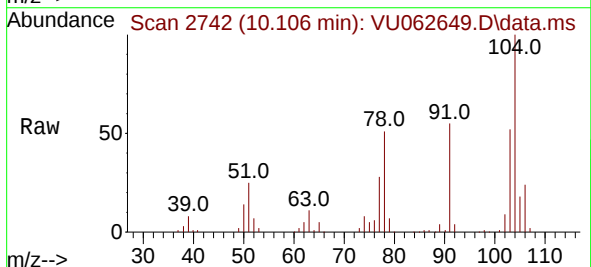
Acq: 02 Jan 2025 11:16

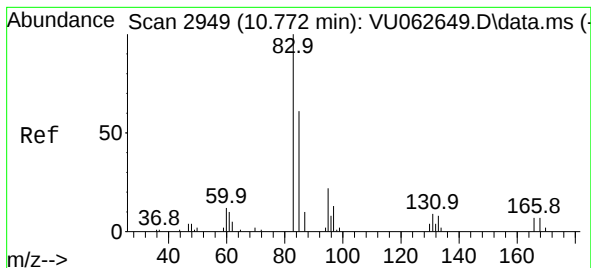
Tgt Ion:104 Resp: 110319

Ion Ratio Lower Upper

104 100

78 50.7 35.5 65.9

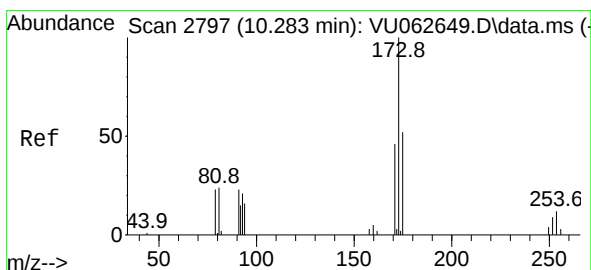
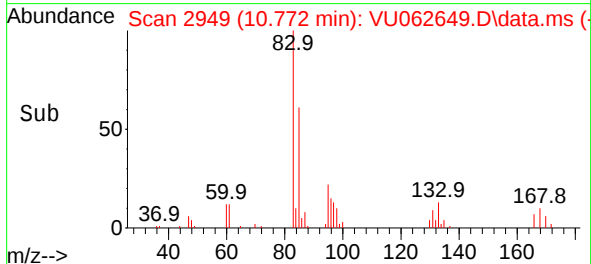
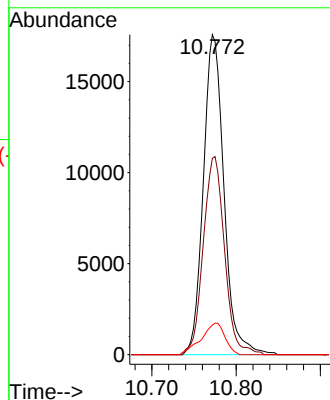
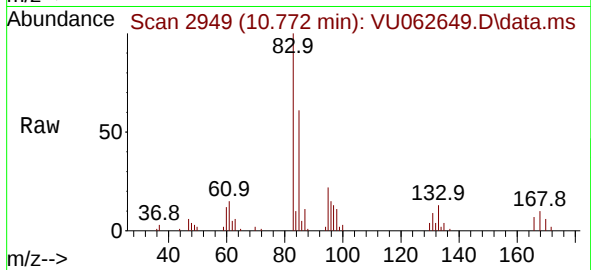




#57
1,1,2,2-Tetrachloroethane
Concen: 4.673 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU062649.D
Acq: 02 Jan 2025 11:16

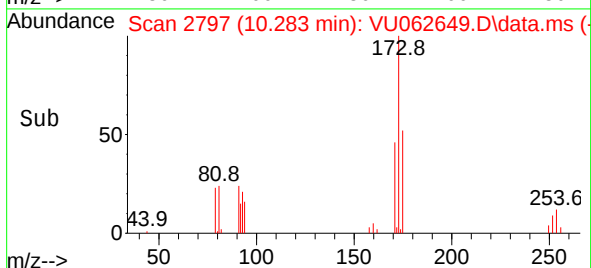
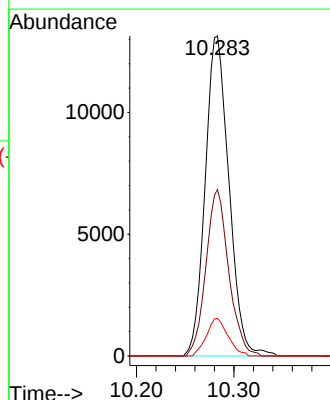
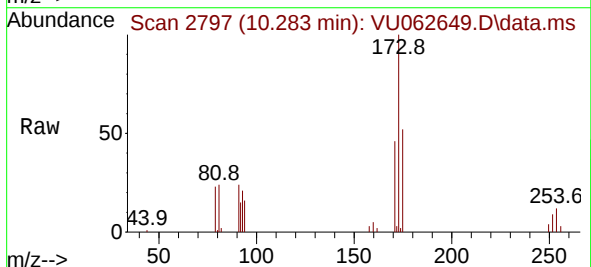
Instrument :
MSVOA_U
ClientSampleId :

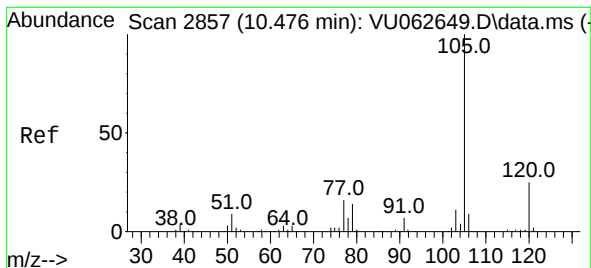
Tgt Ion: 83 Resp: 29951
Ion Ratio Lower Upper
83 100
85 61.4 43.0 79.8
131 9.2 7.4 11.0



#59
Bromoform
Concen: 5.414 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VU062649.D
Acq: 02 Jan 2025 11:16

Tgt Ion:173 Resp: 22271
Ion Ratio Lower Upper
173 100
175 49.8 39.8 59.8
254 10.7 8.6 12.8





#60

Isopropylbenzene

Concen: 4.979 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU062649.D

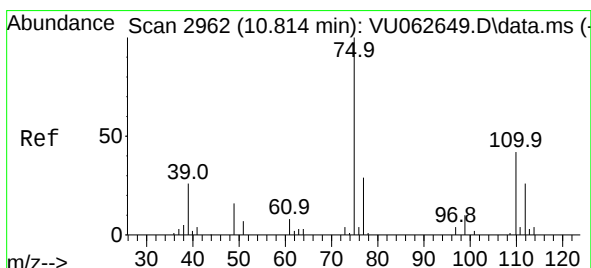
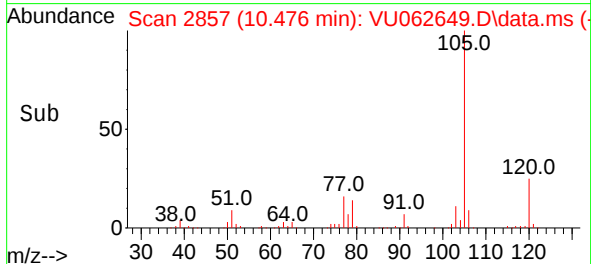
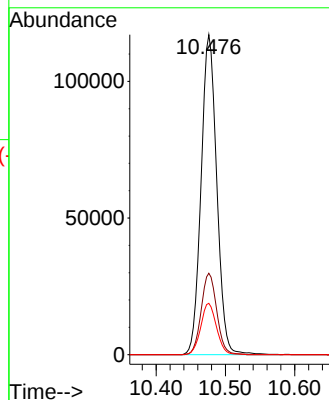
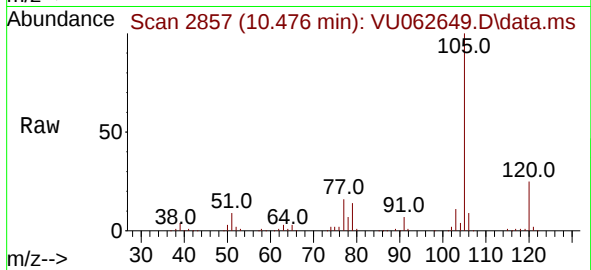
Acq: 02 Jan 2025 11:16

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	184267
Ion Ratio	Lower	Upper	
105	100		
120	25.2	20.2	30.2
77	16.2	13.0	19.4



#61

1,2,3-Trichloropropane

Concen: 4.764 ug/L

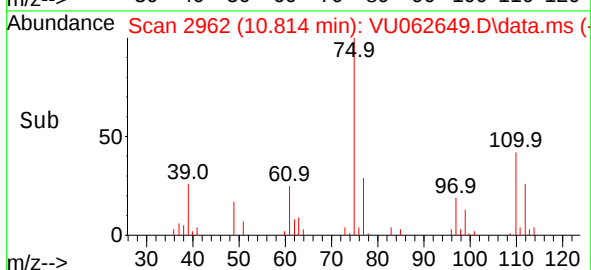
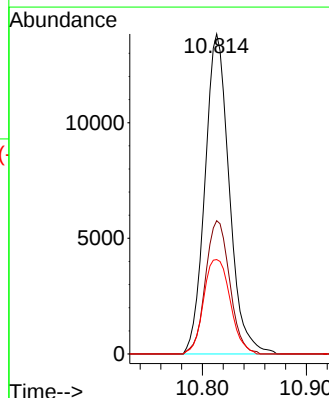
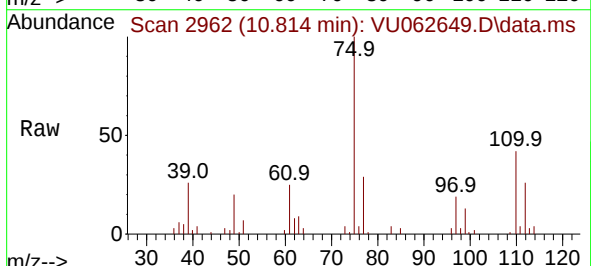
RT: 10.814 min Scan# 2962

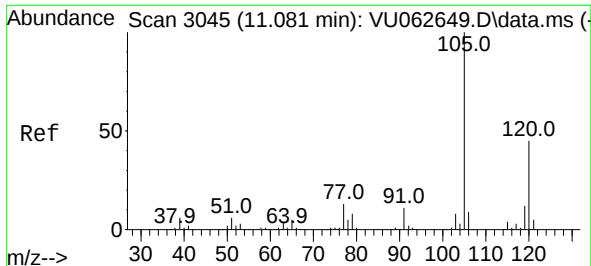
Delta R.T. 0.000 min

Lab File: VU062649.D

Acq: 02 Jan 2025 11:16

Tgt Ion:	75	Resp:	22446
Ion Ratio	Lower	Upper	
75	100		
110	41.5	33.2	49.8
77	32.4	25.9	38.9





#62

1,3,5-Trimethylbenzene

Concen: 5.017 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU062649.D

Acq: 02 Jan 2025 11:16

Instrument :

MSVOA_U

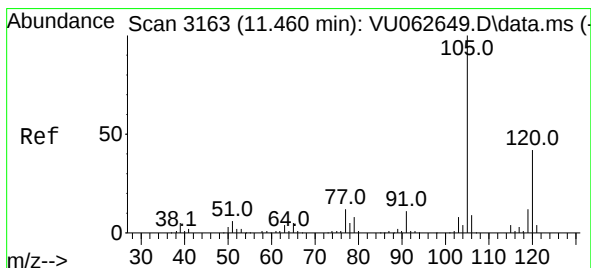
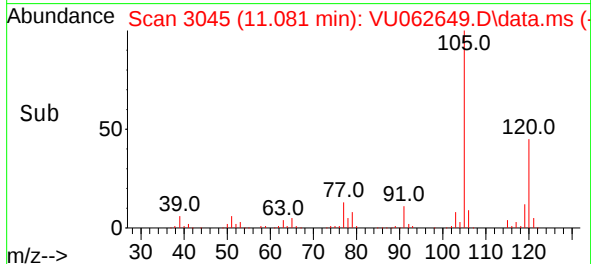
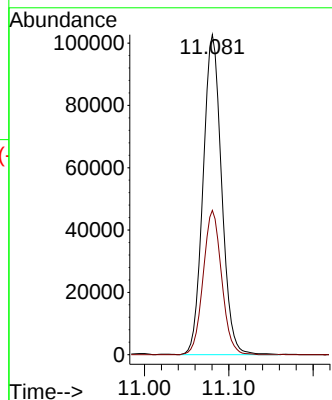
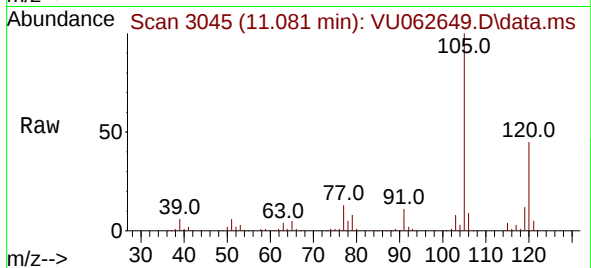
ClientSampleId :

Tgt Ion:105 Resp: 157427

Ion Ratio Lower Upper

105 100

120 44.9 35.9 53.9



#63

1,2,4-Trimethylbenzene

Concen: 4.964 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU062649.D

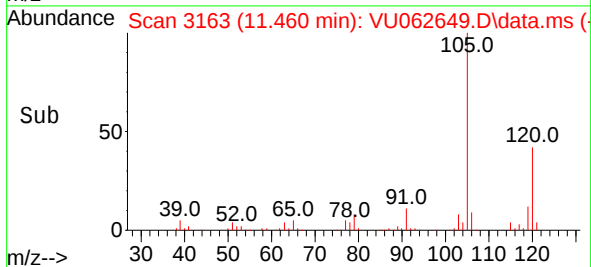
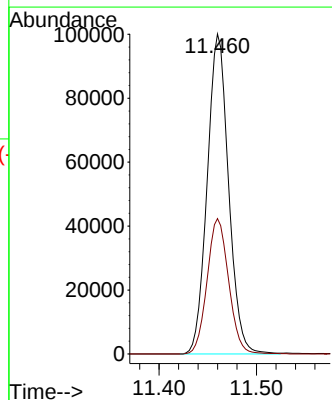
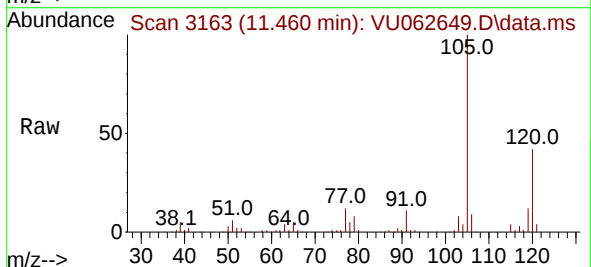
Acq: 02 Jan 2025 11:16

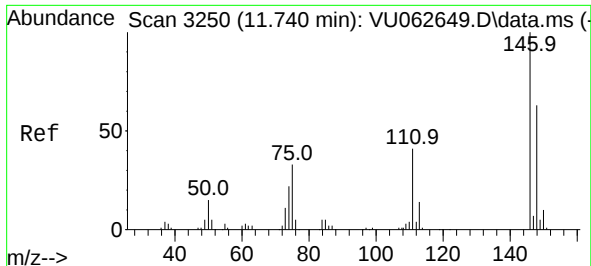
Tgt Ion:105 Resp: 152502

Ion Ratio Lower Upper

105 100

120 42.7 34.2 51.2





#64

1,3-Dichlorobenzene

Concen: 4.960 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. 0.000 min

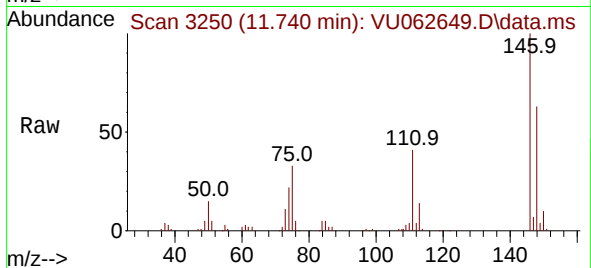
Lab File: VU062649.D

Acq: 02 Jan 2025 11:16

Instrument :

MSVOA_U

ClientSampleId :



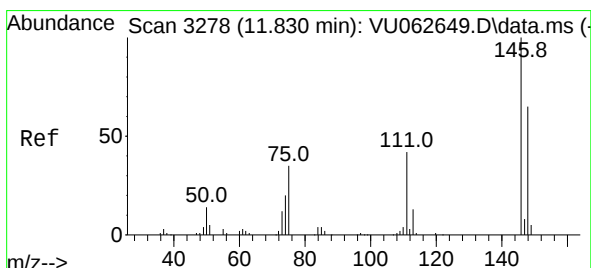
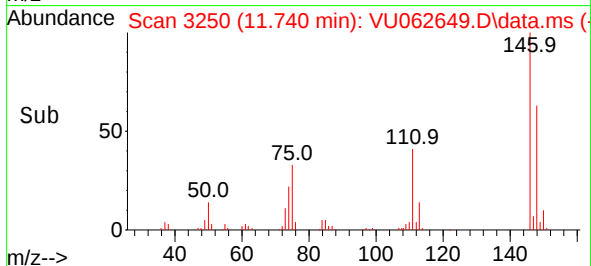
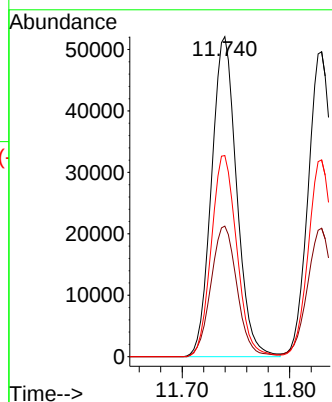
Tgt Ion:146 Resp: 84758

Ion Ratio Lower Upper

146 100

111 40.8 28.6 53.0

148 62.8 44.0 81.6



#65

1,4-Dichlorobenzene

Concen: 4.786 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU062649.D

Acq: 02 Jan 2025 11:16

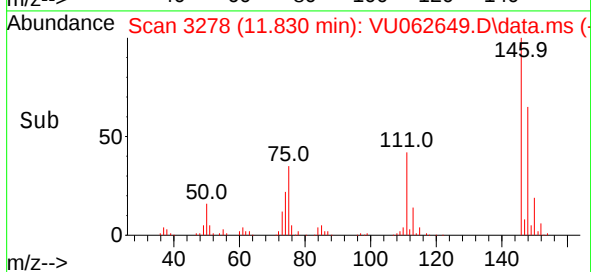
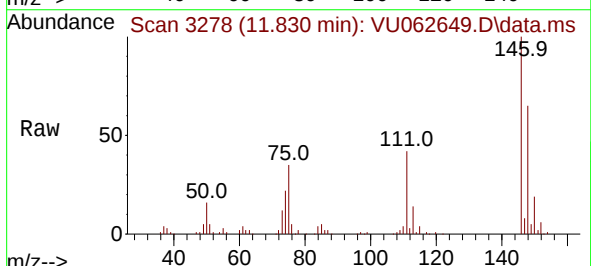
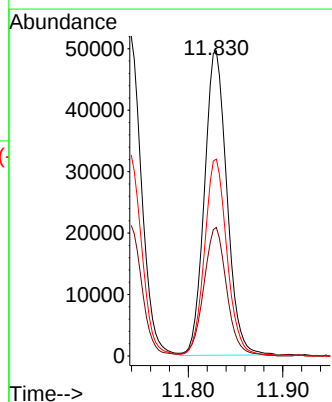
Tgt Ion:146 Resp: 82000

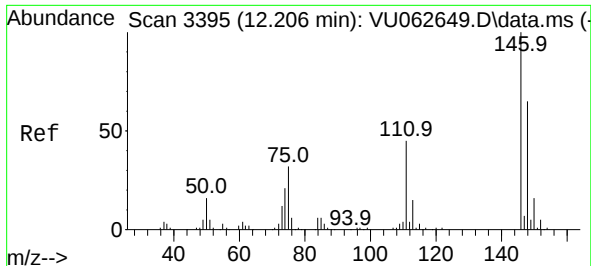
Ion Ratio Lower Upper

146 100

111 42.2 29.5 54.9

148 64.5 45.1 83.9





#67

1,2-Dichlorobenzene

Concen: 4.943 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU062649.D

Acq: 02 Jan 2025 11:16

Instrument :

MSVOA_U

ClientSampleId :

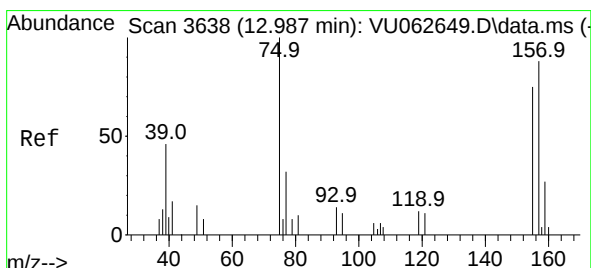
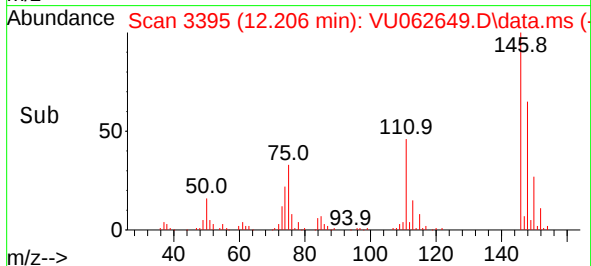
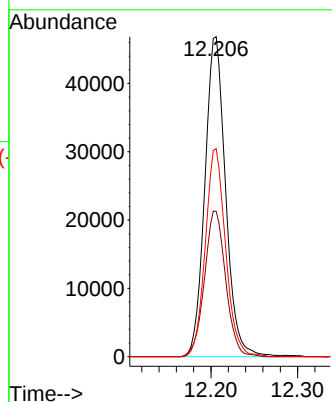
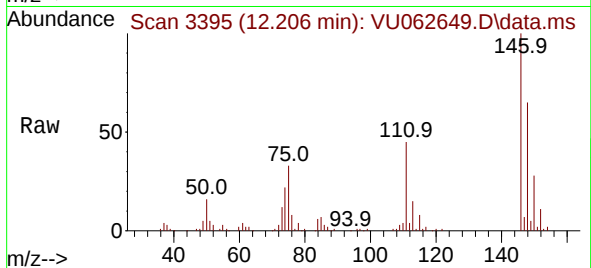
Tgt Ion:146 Resp: 77941

Ion Ratio Lower Upper

146 100

111 45.4 36.3 54.5

148 65.0 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 5.589 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU062649.D

Acq: 02 Jan 2025 11:16

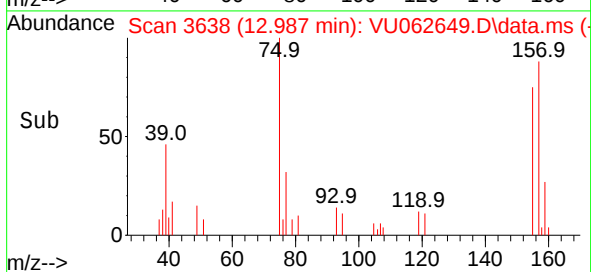
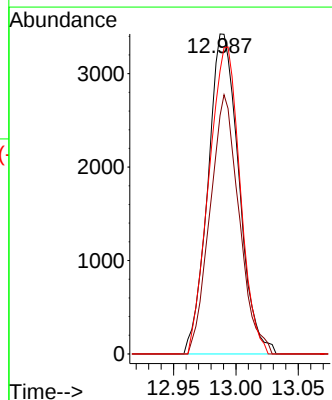
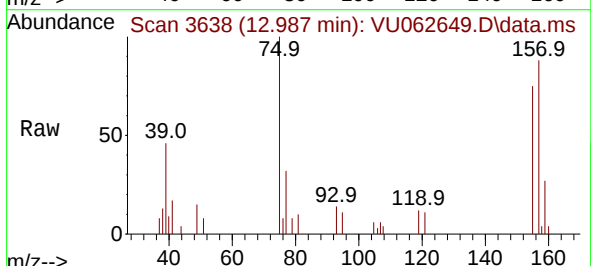
Tgt Ion: 75 Resp: 5918

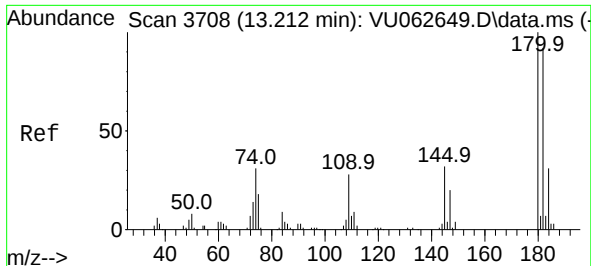
Ion Ratio Lower Upper

75 100

155 74.5 59.6 89.4

157 88.5 70.8 106.2





#69

1,3,5-Trichlorobenzene

Concen: 4.988 ug/L

RT: 13.212 min Scan# 3708

Delta R.T. 0.000 min

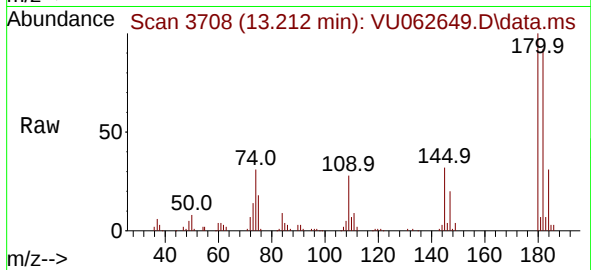
Lab File: VU062649.D

Acq: 02 Jan 2025 11:16

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 63701

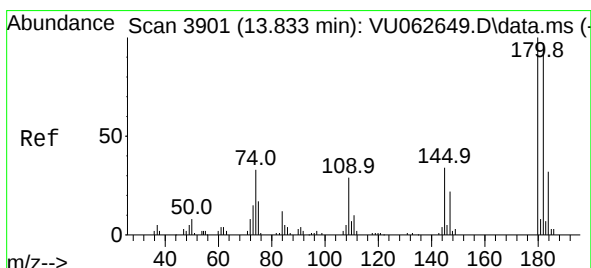
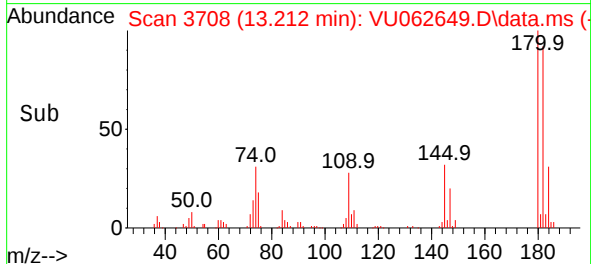
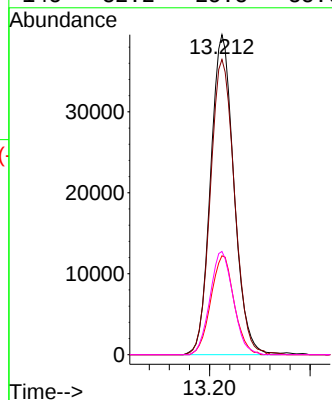
Ion Ratio Lower Upper

180 100

182 94.8 75.8 113.8

184 30.9 24.7 37.1

145 32.2 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 4.931 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU062649.D

Acq: 02 Jan 2025 11:16

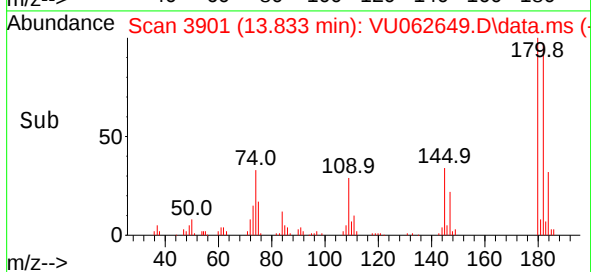
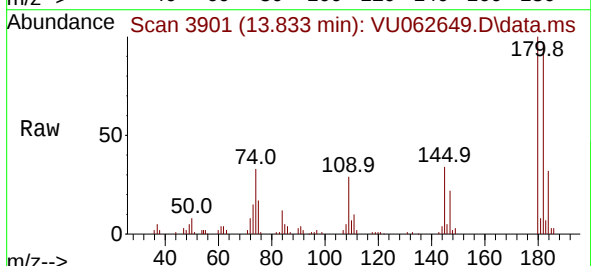
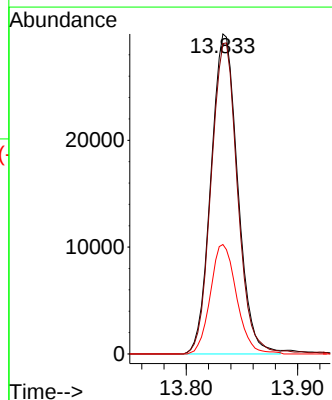
Tgt Ion:180 Resp: 49938

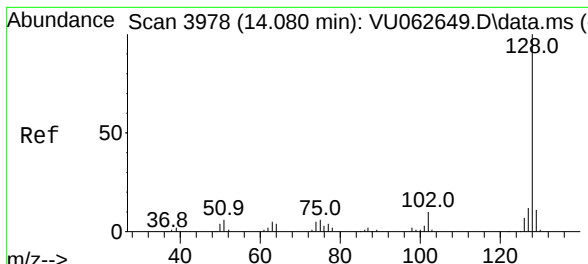
Ion Ratio Lower Upper

180 100

182 96.4 77.1 115.7

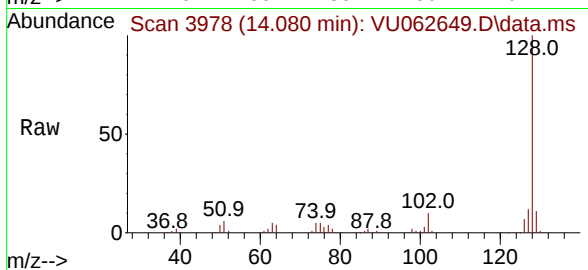
145 33.6 26.9 40.3



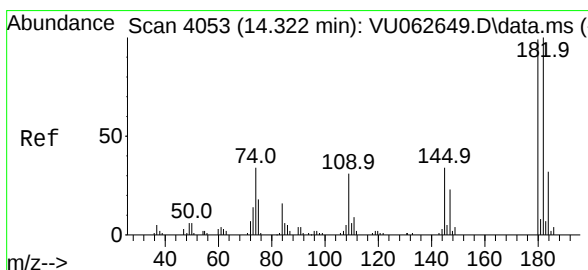
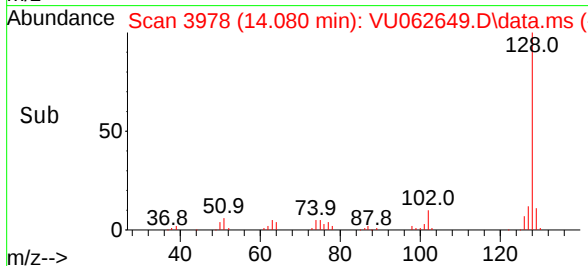
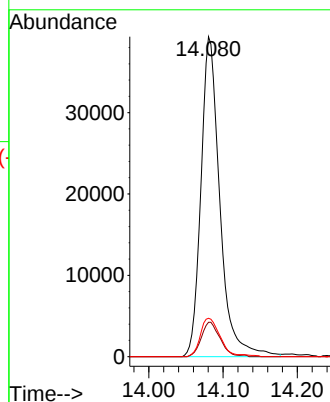


#71
Naphthalene
Concen: 4.595 ug/L
RT: 14.080 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU062649.D
Acq: 02 Jan 2025 11:16

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 69694
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 12.7 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.698 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU062649.D
Acq: 02 Jan 2025 11:16

Tgt Ion:180 Resp: 41890
Ion Ratio Lower Upper
180 100
182 99.7 79.8 119.6
145 36.5 29.2 43.8

