

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011025\
 Data File : VU062673.D
 Acq On : 10 Jan 2025 09:37
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 10 22:39:08 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	105634	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	97286	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	51479	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	24705	4.223	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.400%
7) Chloroethane-d5	1.901	69	21483	4.565	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.557	65	12716	4.196	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.000%
20) 2-Butanone-d5	4.605	46	64017	53.539	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.080%
24) Chloroform-d	5.049	84	69882	4.855	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.689	65	38509	4.932	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.714	84	114779	4.826	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	6.679	67	33188	5.033	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.888	98	112064	4.837	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
43) trans-1,3-Dichloroprop...	8.171	79	17585	5.350	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.000%
46) 2-Hexanone-d5	8.621	63	54646	52.865	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.720%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	29544	5.350	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	43052	5.027	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	48409	4.810	ug/L	99
3) Chloromethane	1.515	50	33410	4.947	ug/L	94
5) Vinyl chloride	1.599	62	37254	4.899	ug/L	100
6) Bromomethane	1.843	94	28139	5.086	ug/L	96
8) Chloroethane	1.924	64	22230	4.866	ug/L	91
9) Trichlorofluoromethane	2.129	101	75381	4.914	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	37348	5.039	ug/L	100
12) 1,1-Dichloroethene	2.573	96	32758	4.995	ug/L	94
13) Acetone	2.612	43	44874	47.374	ug/L	99
14) Carbon disulfide	2.785	76	104746	5.001	ug/L	99
15) Methyl Acetate	2.940	43	10319	5.031	ug/L	99
16) Methylene chloride	3.033	84	35423	4.931	ug/L	96
17) Methyl tert-butyl Ether	3.348	73	92457	5.130	ug/L	98
18) trans-1,2-Dichloroethene	3.341	96	34893	4.967	ug/L	96
19) 1,1-Dichloroethane	3.856	63	62203	4.952	ug/L	97
21) 2-Butanone	4.685	43	65011	51.534	ug/L	99
22) cis-1,2-Dichloroethene	4.653	96	39360	5.145	ug/L	98
23) Bromochloromethane	4.962	128	18290	5.064	ug/L	97
25) Chloroform	5.074	83	75144	4.861	ug/L	100

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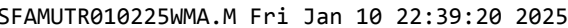
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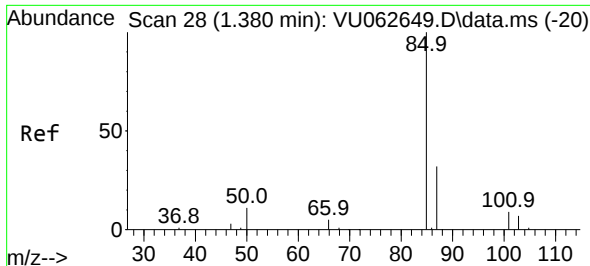
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	51468	5.092	ug/L	99
29) 1,1,1-Trichloroethane	5.303	97	74472	5.047	ug/L	98
30) Cyclohexane	5.377	56	50552	5.246	ug/L	98
31) Carbon tetrachloride	5.512	117	69925	5.156	ug/L	96
33) Benzene	5.763	78	141166	5.050	ug/L	100
34) Trichloroethene	6.531	95	44441	4.654	ug/L	96
35) Methylcyclohexane	6.753	83	60308	5.133	ug/L	98
37) 1,2-Dichloropropane	6.779	63	33595	5.095	ug/L	98
38) Bromodichloromethane	7.094	83	54368	5.127	ug/L	97
39) cis-1,3-Dichloropropene	7.599	75	59204	5.274	ug/L	96
40) 4-Methyl-2-pentanone	7.775	43	164610	53.443	ug/L	99
42) Toluene	7.959	91	159352	5.203	ug/L	97
44) trans-1,3-Dichloropropene	8.200	75	52661	5.441	ug/L	98
45) 1,1,2-Trichloroethane	8.389	97	27905	5.211	ug/L	98
47) Tetrachloroethene	8.544	164	33575	5.105	ug/L	96
48) 2-Hexanone	8.672	43	114645	51.773	ug/L	98
49) Dibromochloromethane	8.798	129	37272	5.184	ug/L	99
50) 1,2-Dibromoethane	8.914	107	27795	5.425	ug/L	96
51) Chlorobenzene	9.438	112	103633	5.174	ug/L	98
52) Ethylbenzene	9.560	91	182911	5.263	ug/L	98
53) m,p-Xylene	9.682	106	66907	5.147	ug/L	100
54) o-Xylene	10.090	106	66504	5.341	ug/L	97
55) Styrene	10.103	104	112062	5.381	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.769	83	31501	5.244	ug/L #	93
59) Bromoform	10.280	173	23707	5.280	ug/L	97
60) Isopropylbenzene	10.473	105	188768	5.321	ug/L	100
61) 1,2,3-Trichloropropane	10.811	75	23243	5.090	ug/L	99
62) 1,3,5-Trimethylbenzene	11.077	105	162402	5.386	ug/L	98
63) 1,2,4-Trimethylbenzene	11.457	105	160865	5.515	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	86912	5.285	ug/L	95
65) 1,4-Dichlorobenzene	11.827	146	87262	5.262	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	78930	5.121	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	6244	5.279	ug/L	96
69) 1,3,5-Trichlorobenzene	13.209	180	65383	5.279	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	46173	4.628	ug/L	99
71) Naphthalene	14.081	128	57810	3.960	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	38153	4.387	ug/L	95

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

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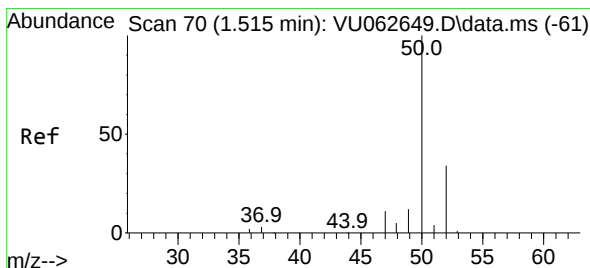
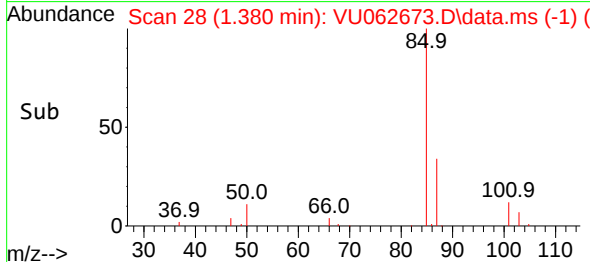
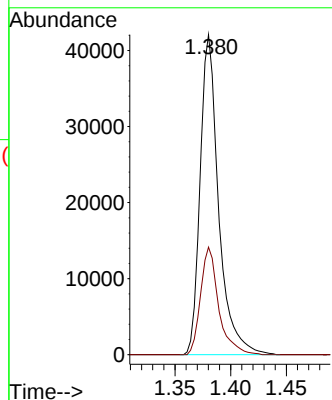
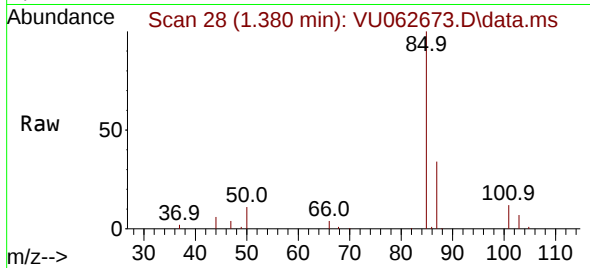




#2
Dichlorodifluoromethane
Concen: 4.810 ug/L
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU062673.D
Acq: 10 Jan 2025 09:37

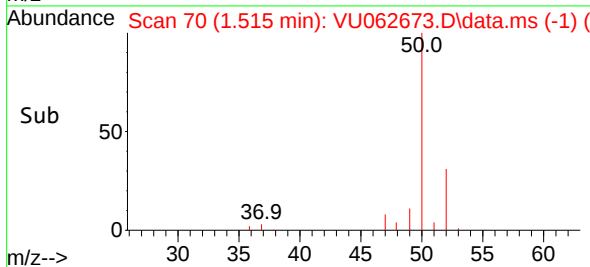
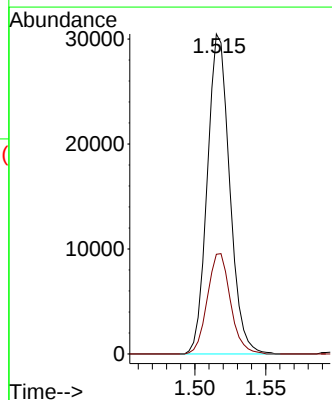
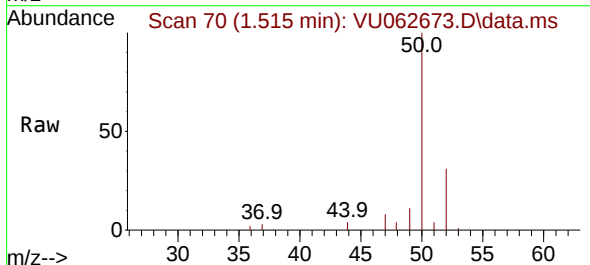
Instrument :
MSVOA_U
ClientSampleId :

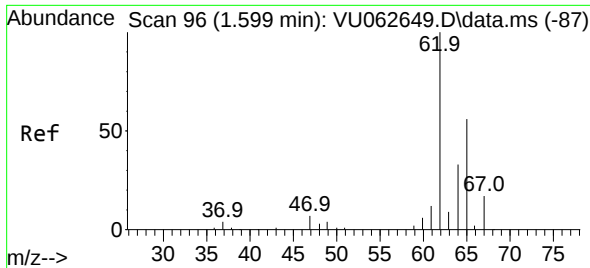
Tgt Ion: 85 Resp: 48409
Ion Ratio Lower Upper
85 100
87 32.9 26.1 39.1



#3
Chloromethane
Concen: 4.947 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU062673.D
Acq: 10 Jan 2025 09:37

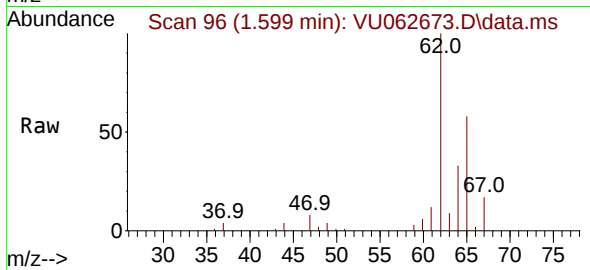
Tgt Ion: 50 Resp: 33410
Ion Ratio Lower Upper
50 100
52 31.1 24.1 44.7



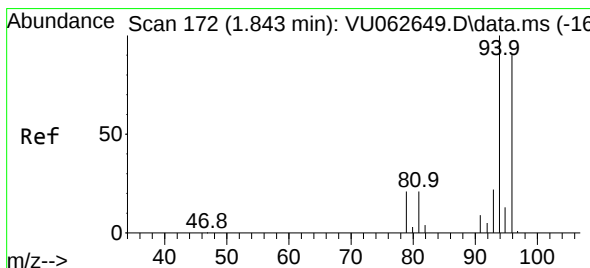
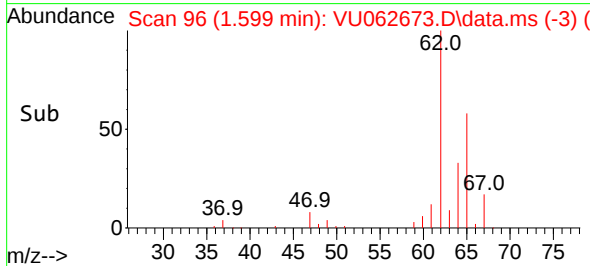
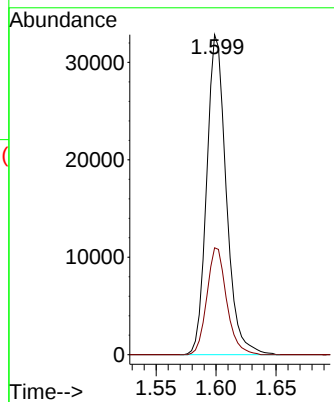


#5
 Vinyl chloride
 Concen: 4.899 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU062673.D
 Acq: 10 Jan 2025 09:37

Instrument :
 MSVOA_U
 ClientSampleId :

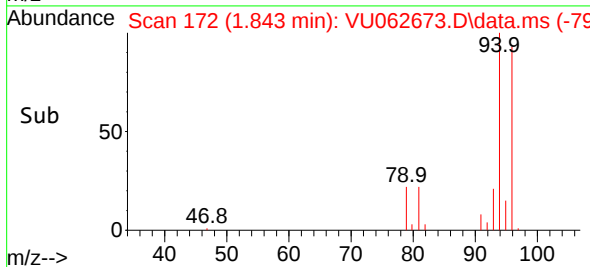
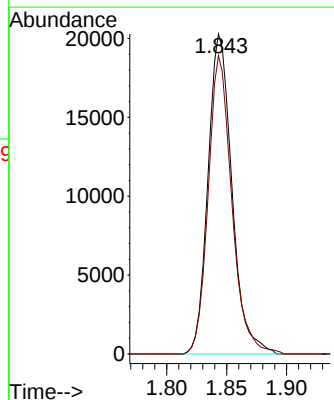
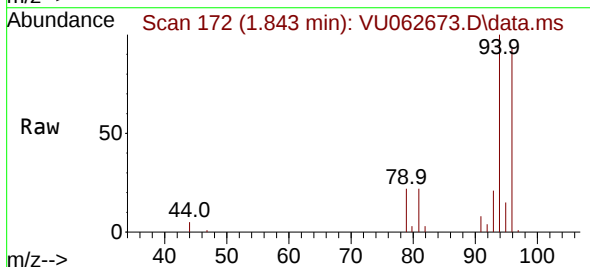


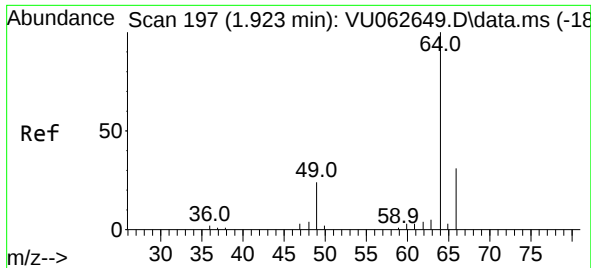
Tgt Ion: 62 Resp: 37254
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.4 43.4



#6
 Bromomethane
 Concen: 5.086 ug/L
 RT: 1.843 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VU062673.D
 Acq: 10 Jan 2025 09:37

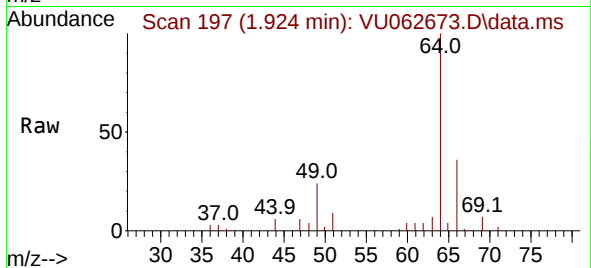
Tgt Ion: 94 Resp: 28139
 Ion Ratio Lower Upper
 94 100
 96 93.2 62.9 116.7



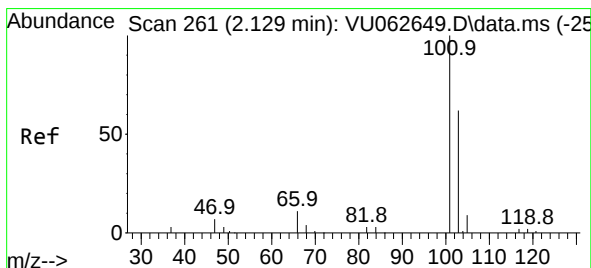
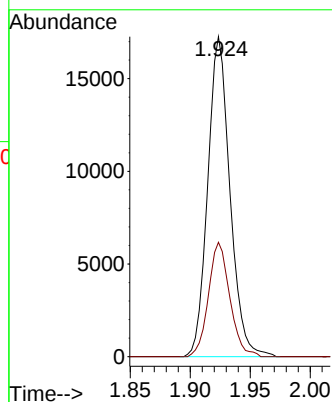
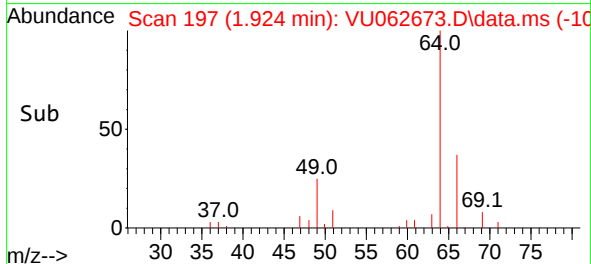


#8
Chloroethane
Concen: 4.866 ug/L
RT: 1.924 min Scan# 197
Delta R.T. 0.000 min
Lab File: VU062673.D
Acq: 10 Jan 2025 09:37

Instrument :
MSVOA_U
ClientSampleId :

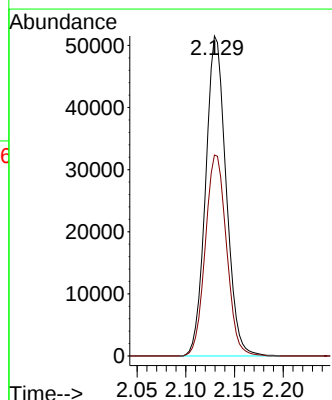
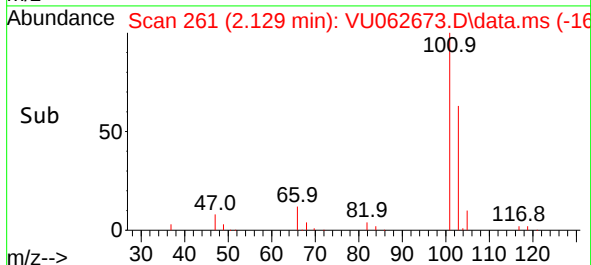
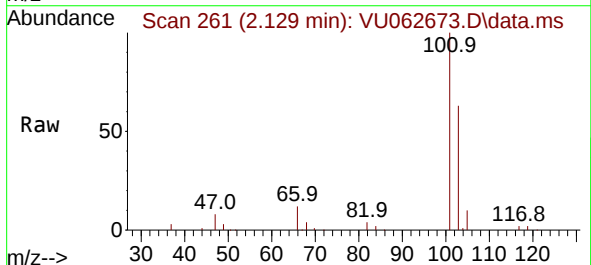


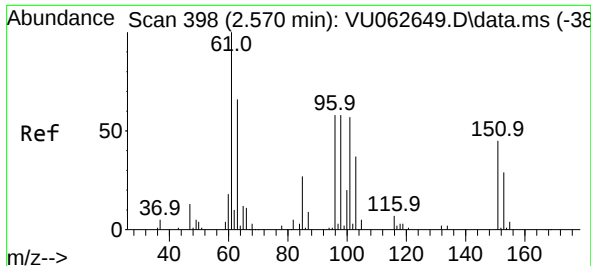
Tgt Ion: 64 Resp: 22230
Ion Ratio Lower Upper
64 100
66 35.8 21.6 40.2



#9
Trichlorofluoromethane
Concen: 4.914 ug/L
RT: 2.129 min Scan# 261
Delta R.T. 0.000 min
Lab File: VU062673.D
Acq: 10 Jan 2025 09:37

Tgt Ion: 101 Resp: 75381
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.0

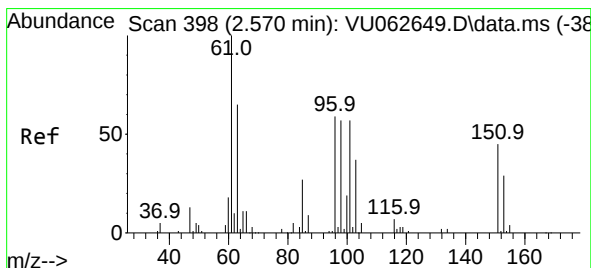
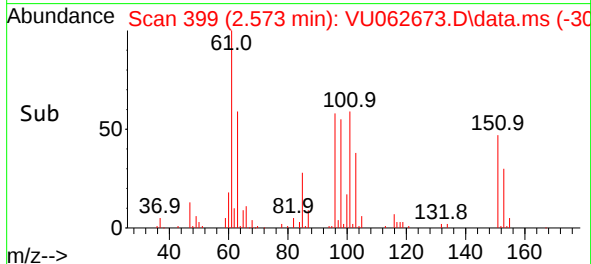
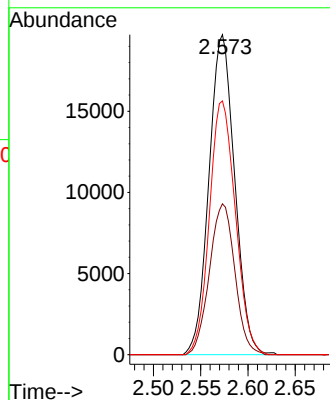
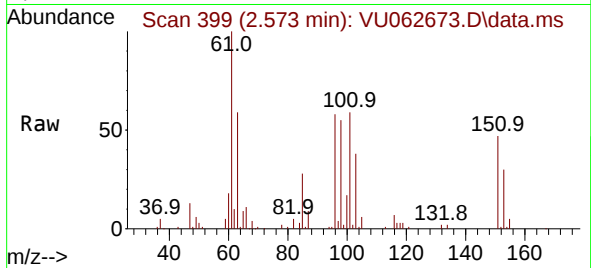




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.039 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.003 min
Lab File: VU062673.D
Acq: 10 Jan 2025 09:37

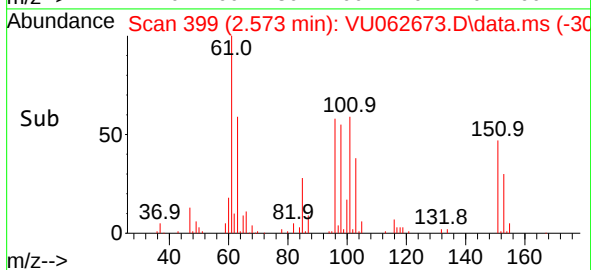
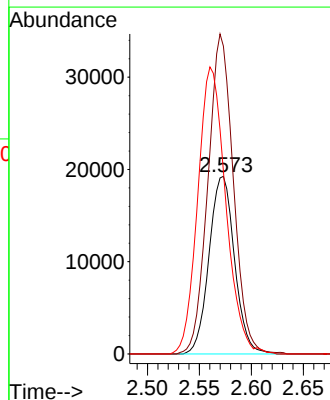
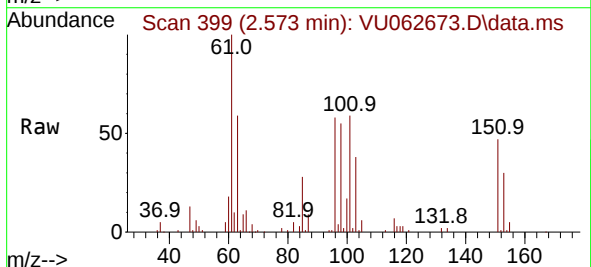
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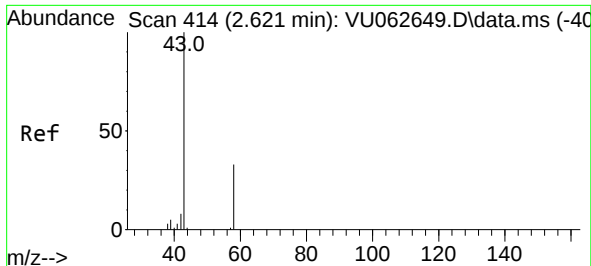
Tgt Ion:101 Resp: 37348
Ion Ratio Lower Upper
101 100
85 46.5 37.0 55.6
151 80.1 64.4 96.6



#12
1,1-Dichloroethene
Concen: 4.995 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.003 min
Lab File: VU062673.D
Acq: 10 Jan 2025 09:37

Tgt Ion: 96 Resp: 32758
Ion Ratio Lower Upper
96 100
61 173.4 120.4 223.6
63 103.0 82.3 152.9





#13

Acetone

Concen: 47.374 ug/L

RT: 2.612 min Scan# 41

Delta R.T. -0.009 min

Lab File: VU062673.D

Acq: 10 Jan 2025 09:37

Instrument :

MSVOA_U

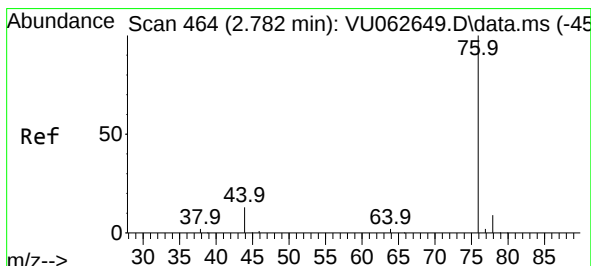
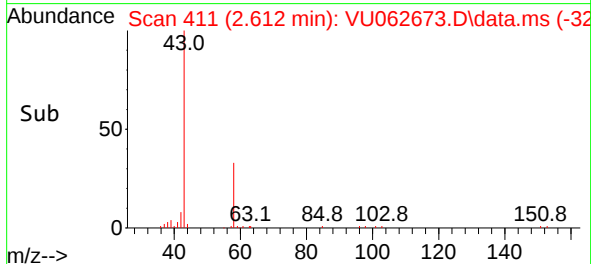
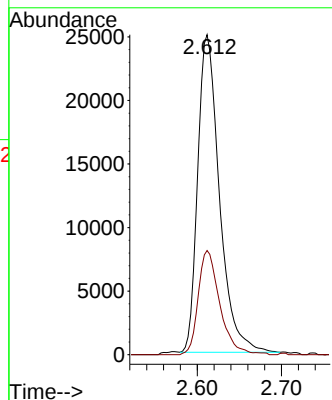
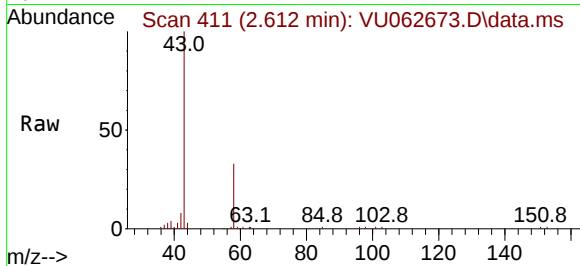
ClientSampleId :

Tgt Ion: 43 Resp: 44874

Ion Ratio Lower Upper

43 100

58 32.6 0.0 64.4



#14

Carbon disulfide

Concen: 5.001 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.003 min

Lab File: VU062673.D

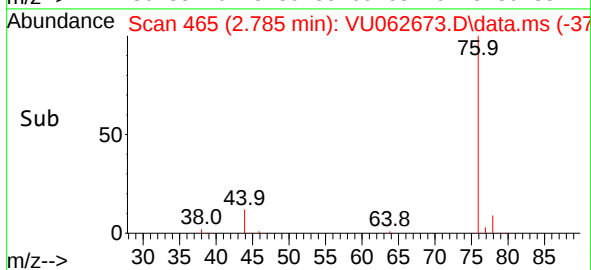
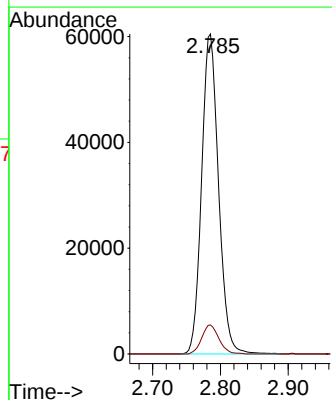
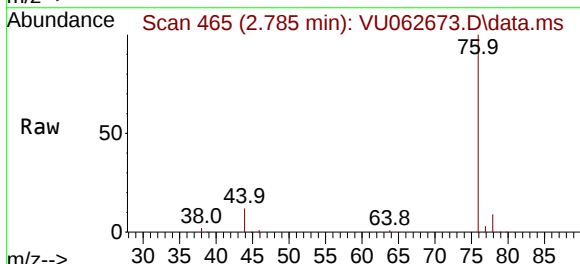
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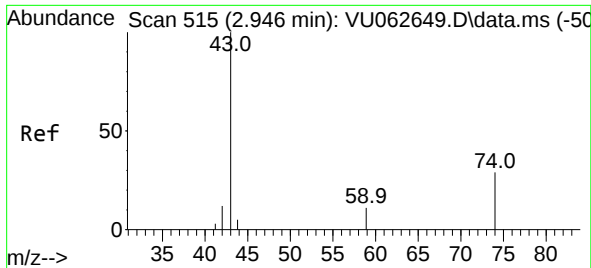
Tgt Ion: 76 Resp: 104746

Ion Ratio Lower Upper

76 100

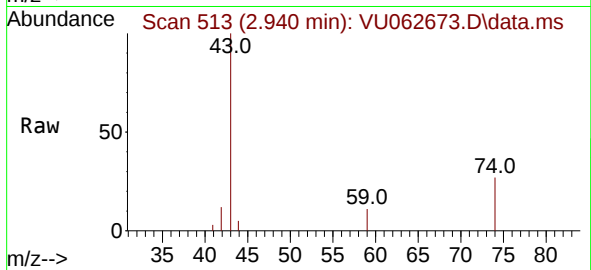
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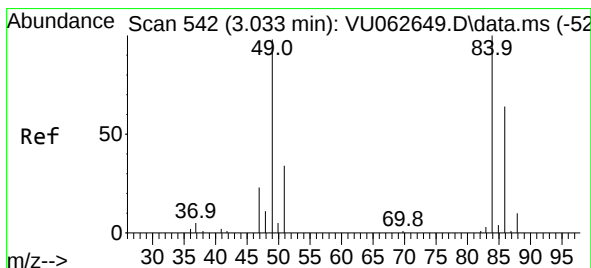
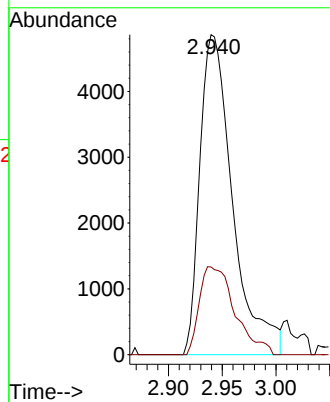
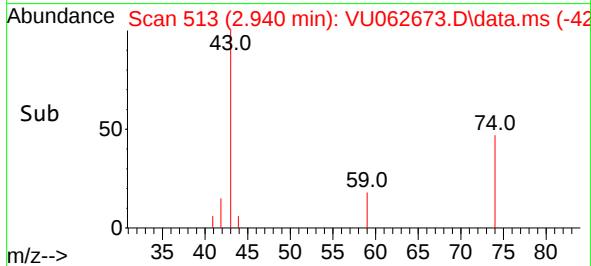


#15
Methyl Acetate
Concen: 5.031 ug/L
RT: 2.940 min Scan# 515
Delta R.T. -0.006 min
Lab File: VU062673.D
Acq: 10 Jan 2025 09:37

Instrument :
MSVOA_U
ClientSampleId :

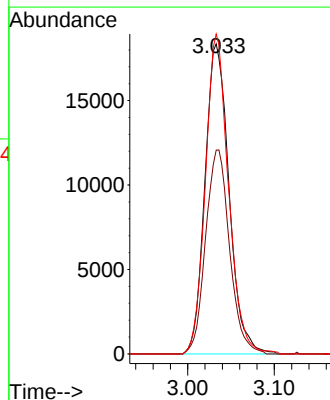
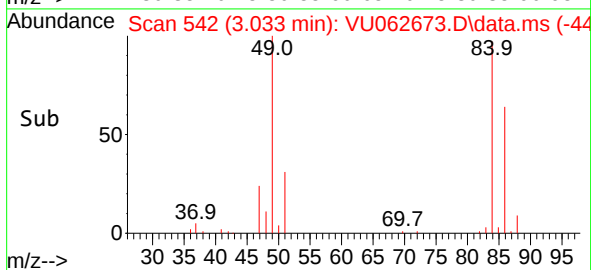
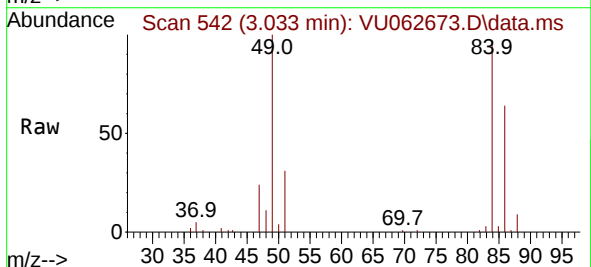


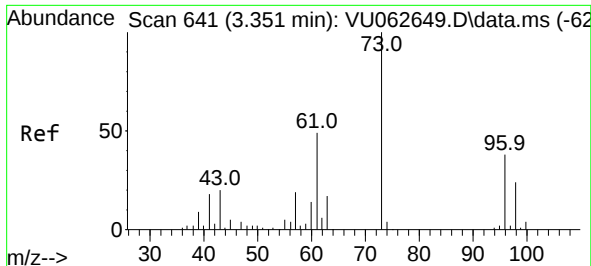
Tgt Ion: 43 Resp: 10319
Ion Ratio Lower Upper
43 100
74 29.8 24.4 36.6



#16
Methylene chloride
Concen: 4.931 ug/L
RT: 3.033 min Scan# 542
Delta R.T. 0.000 min
Lab File: VU062673.D
Acq: 10 Jan 2025 09:37

Tgt Ion: 84 Resp: 35423
Ion Ratio Lower Upper
84 100
86 65.7 44.7 83.1
49 103.2 68.3 126.9





#17

Methyl tert-butyl Ether

Concen: 5.130 ug/L

RT: 3.348 min Scan# 641

Delta R.T. -0.003 min

Lab File: VU062673.D

Acq: 10 Jan 2025 09:37

Instrument :

MSVOA_U

ClientSampleId :

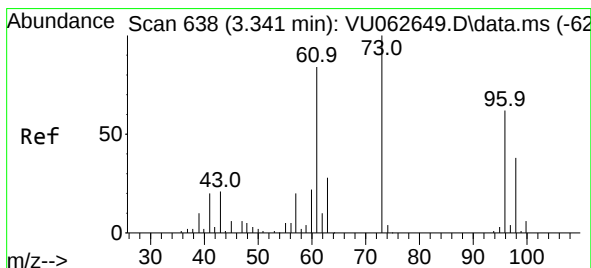
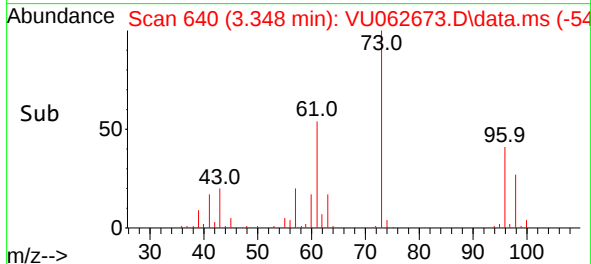
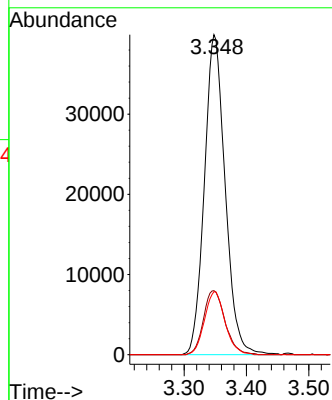
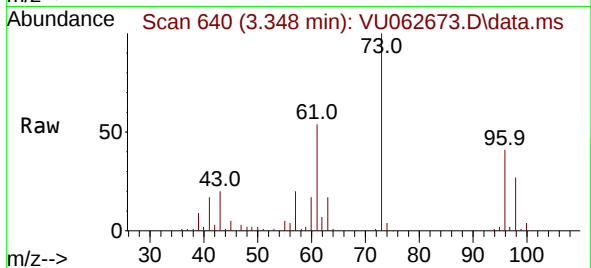
Tgt Ion: 73 Resp: 92457

Ion Ratio Lower Upper

73 100

43 20.8 16.2 24.4

57 19.4 14.6 22.0



#18

trans-1,2-Dichloroethene

Concen: 4.967 ug/L

RT: 3.341 min Scan# 638

Delta R.T. 0.000 min

Lab File: VU062673.D

Acq: 10 Jan 2025 09:37

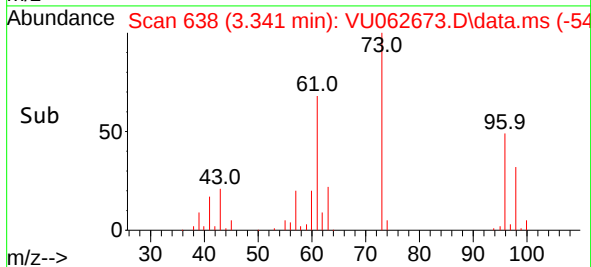
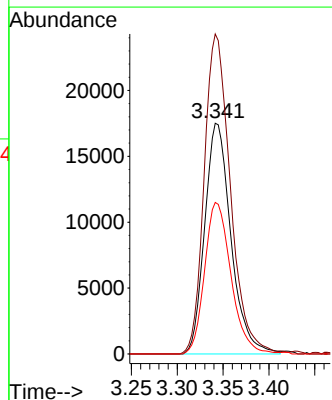
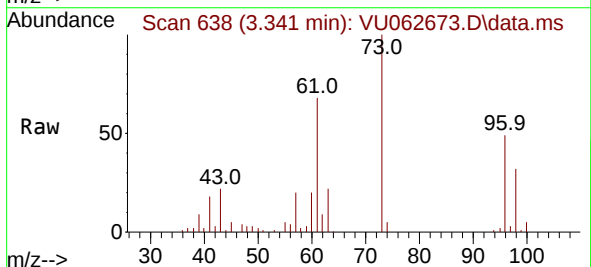
Tgt Ion: 96 Resp: 34893

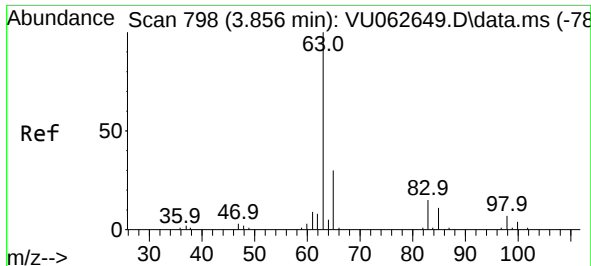
Ion Ratio Lower Upper

96 100

61 138.7 94.4 175.2

98 65.7 42.8 79.4





#19

1,1-Dichloroethane

Concen: 4.952 ug/L

RT: 3.856 min Scan# 798

Delta R.T. 0.000 min

Lab File: VU062673.D

Acq: 10 Jan 2025 09:37

Instrument :

MSVOA_U

ClientSampleId :

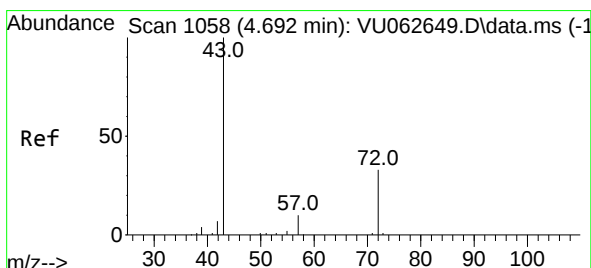
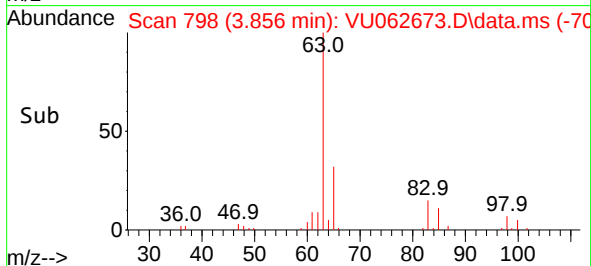
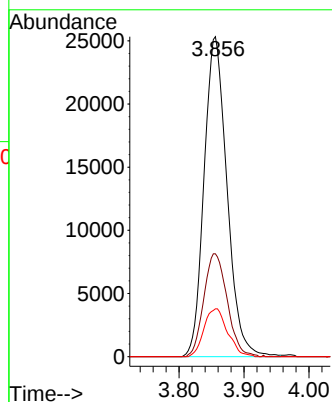
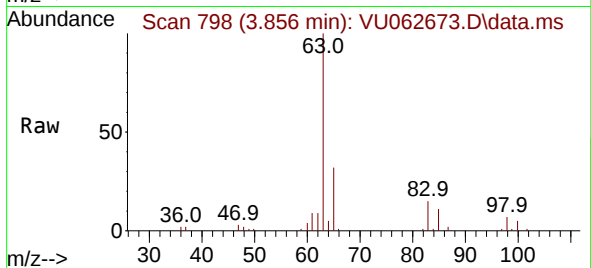
Tgt Ion: 63 Resp: 62203

Ion Ratio Lower Upper

63 100

65 32.2 20.7 38.5

83 15.0 10.5 19.5



#21

2-Butanone

Concen: 51.534 ug/L

RT: 4.685 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VU062673.D

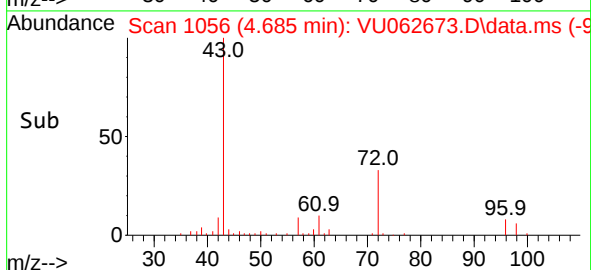
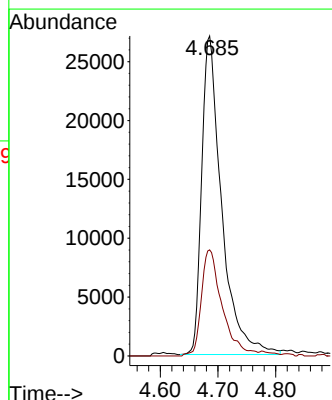
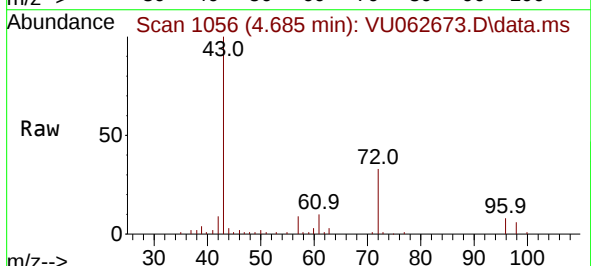
Acq: 10 Jan 2025 09:37

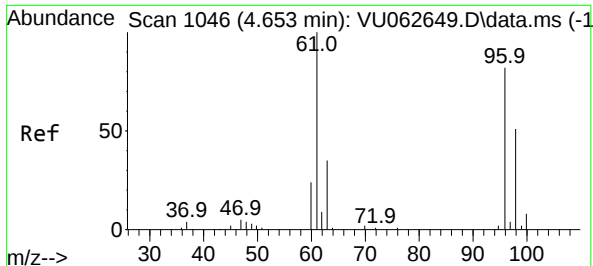
Tgt Ion: 43 Resp: 65011

Ion Ratio Lower Upper

43 100

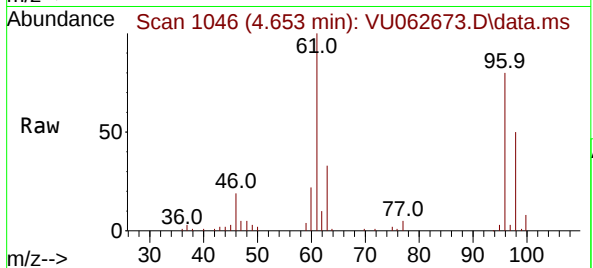
72 34.6 17.1 51.2



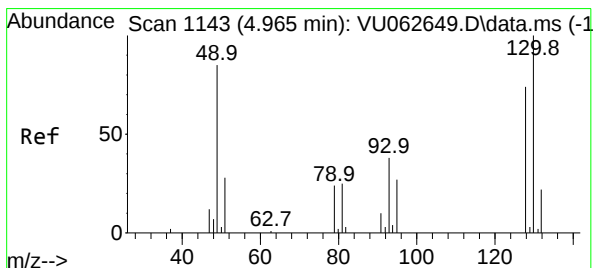
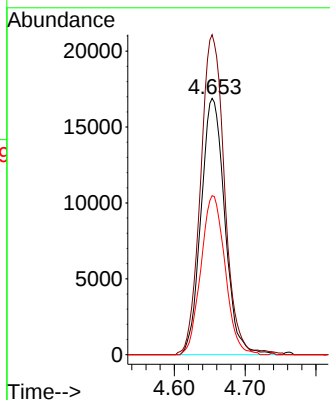
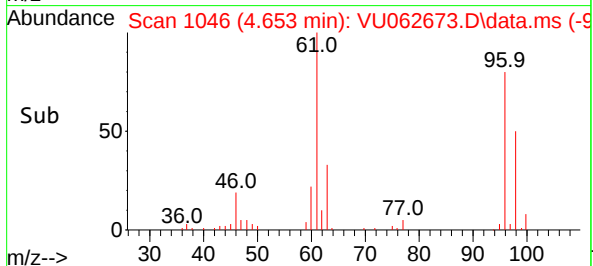


#22
 cis-1,2-Dichloroethene
 Concen: 5.145 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. 0.000 min
 Lab File: VU062673.D
 Acq: 10 Jan 2025 09:37

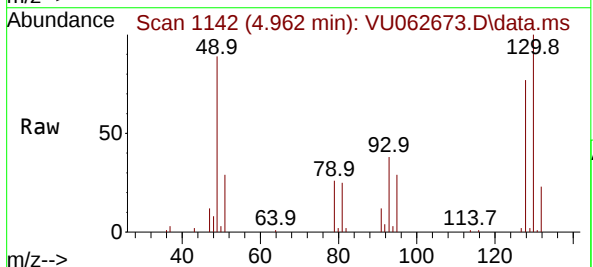
Instrument :
 MSVOA_U
 ClientSampleId :



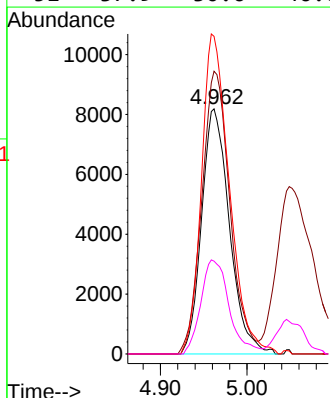
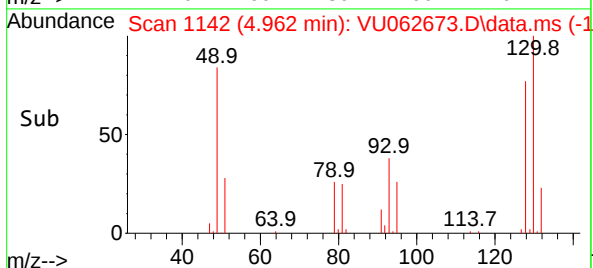
Tgt Ion:	96	Resp:	39360
Ion	Ratio	Lower	Upper
96	100		
61	124.9	84.8	157.6
98	62.1	43.1	80.1

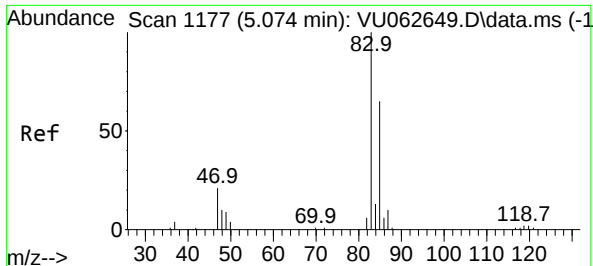


#23
 Bromochloromethane
 Concen: 5.064 ug/L
 RT: 4.962 min Scan# 1142
 Delta R.T. -0.003 min
 Lab File: VU062673.D
 Acq: 10 Jan 2025 09:37



Tgt Ion:	128	Resp:	18290
Ion	Ratio	Lower	Upper
128	100		
49	115.3	81.1	150.7
130	129.6	94.9	176.3
51	37.9	30.6	46.0





#25

Chloroform

Concen: 4.861 ug/L

RT: 5.074 min Scan# 1177

Delta R.T. 0.000 min

Lab File: VU062673.D

Acq: 10 Jan 2025 09:37

Instrument :

MSVOA_U

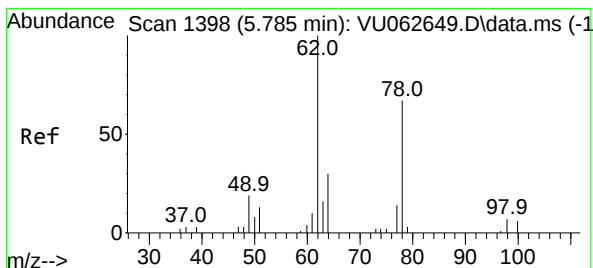
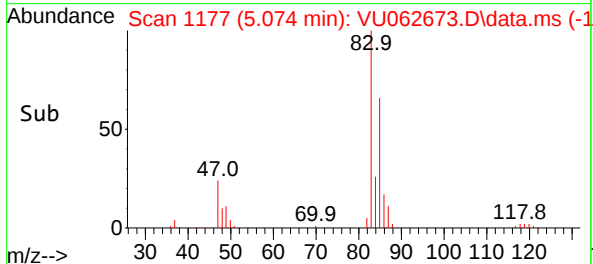
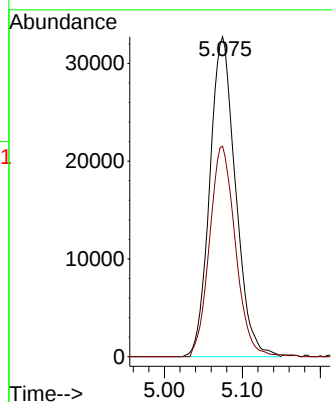
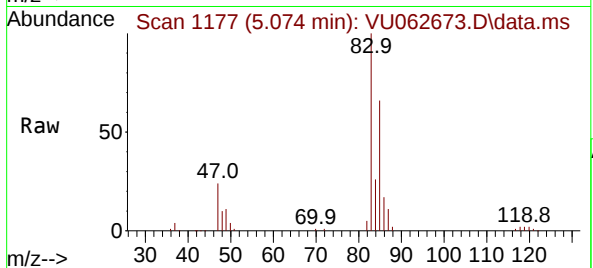
ClientSampleId :

Tgt Ion: 83 Resp: 75144

Ion Ratio Lower Upper

83 100

85 65.8 45.8 85.2



#27

1,2-Dichloroethane

Concen: 5.092 ug/L

RT: 5.782 min Scan# 1397

Delta R.T. -0.003 min

Lab File: VU062673.D

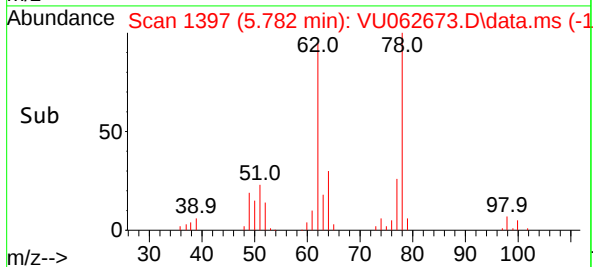
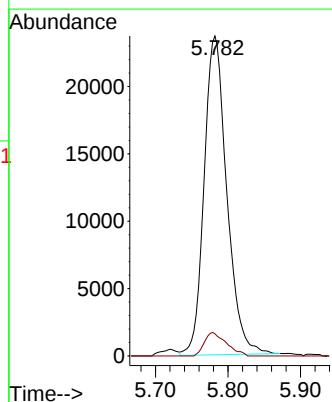
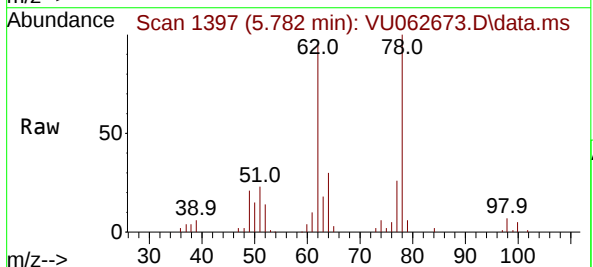
Acq: 10 Jan 2025 09:37

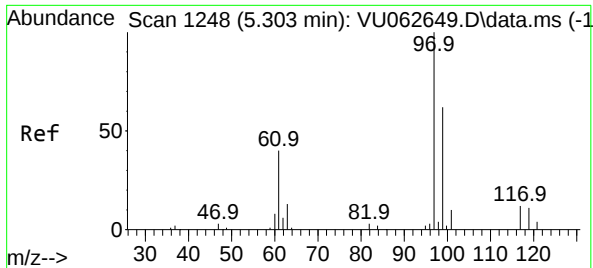
Tgt Ion: 62 Resp: 51468

Ion Ratio Lower Upper

62 100

98 6.9 5.8 8.6

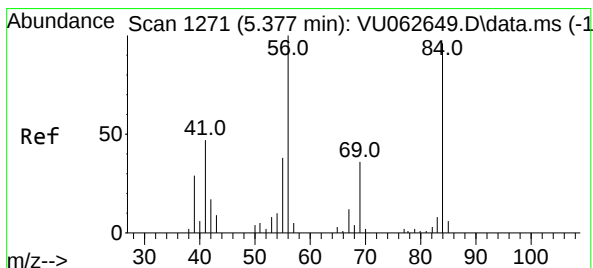
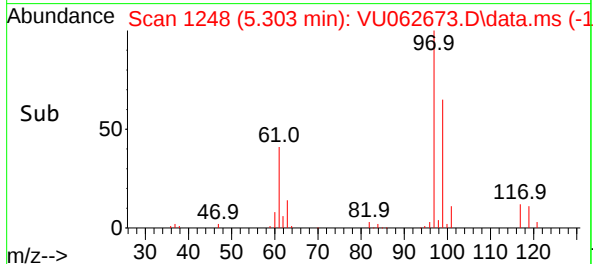
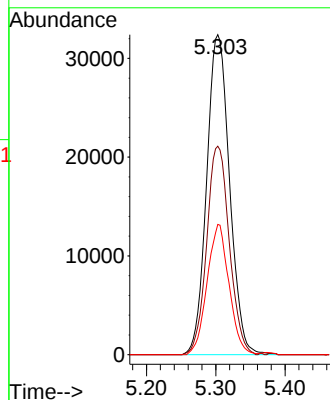
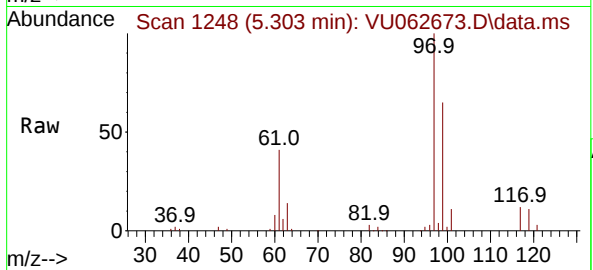




#29
1,1,1-Trichloroethane
Concen: 5.047 ug/L
RT: 5.303 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VU062673.D
Acq: 10 Jan 2025 09:37

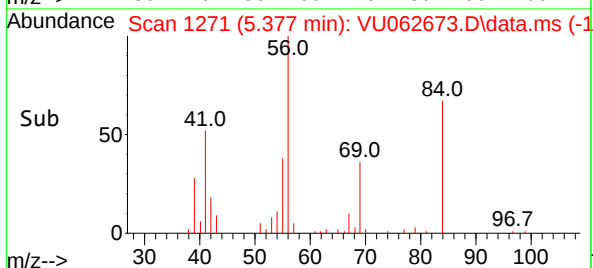
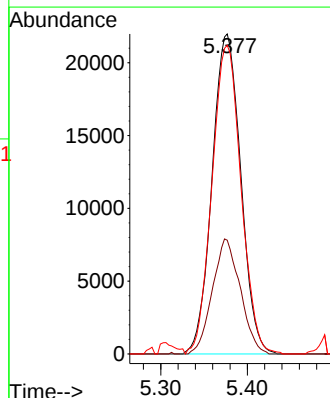
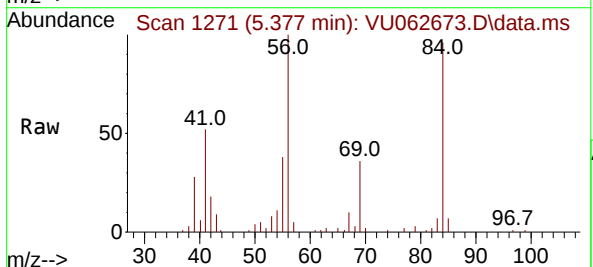
Instrument :
MSVOA_U
ClientSampleId :

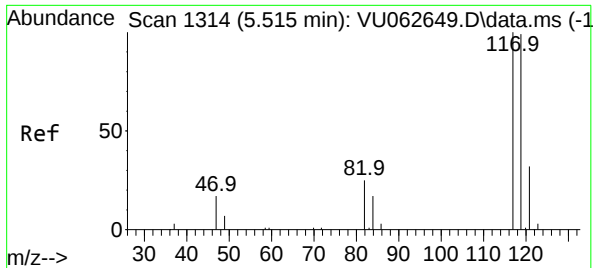
Tgt Ion: 97 Resp: 74472
Ion Ratio Lower Upper
97 100
99 64.3 52.4 78.6
61 38.9 32.2 48.4



#30
Cyclohexane
Concen: 5.246 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VU062673.D
Acq: 10 Jan 2025 09:37

Tgt Ion: 56 Resp: 50552
Ion Ratio Lower Upper
56 100
69 34.9 28.3 42.5
84 97.5 76.5 114.7

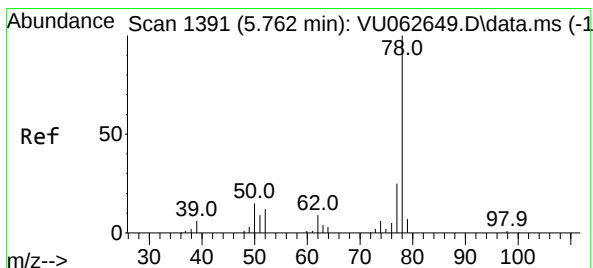
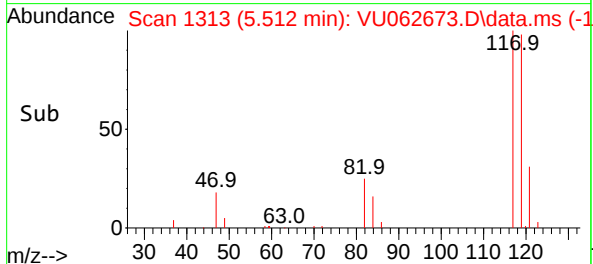
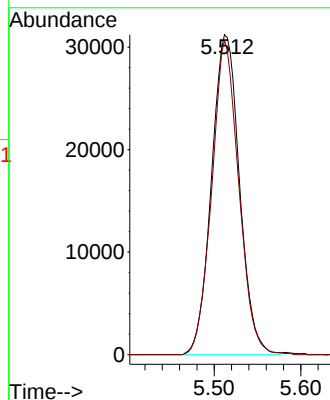
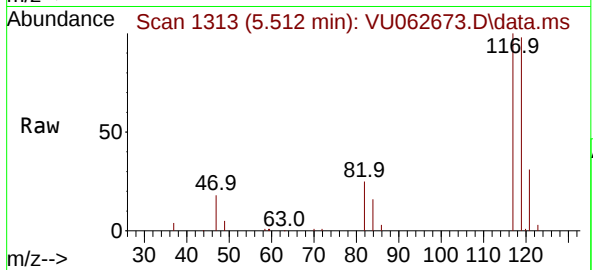




#31
Carbon tetrachloride
Concen: 5.156 ug/L
RT: 5.512 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU062673.D
Acq: 10 Jan 2025 09:37

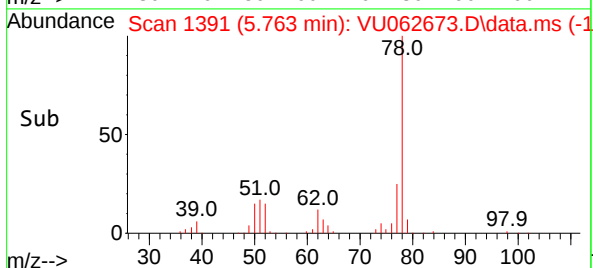
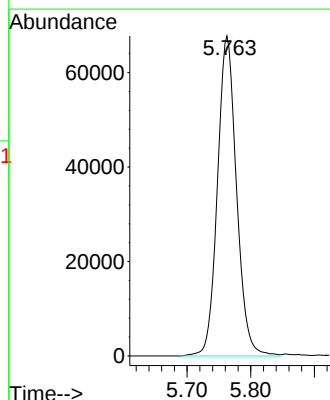
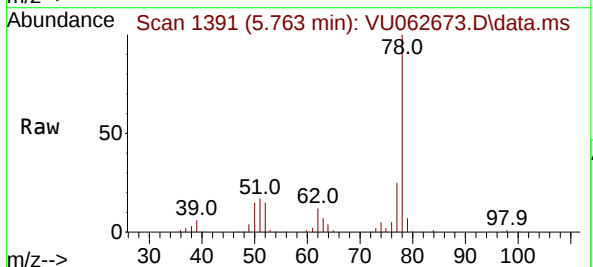
Instrument :
MSVOA_U
ClientSampleId :

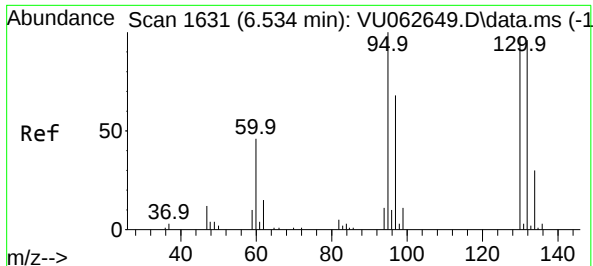
Tgt Ion:117 Resp: 69925
Ion Ratio Lower Upper
117 100
119 94.7 78.6 118.0



#33
Benzene
Concen: 5.050 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VU062673.D
Acq: 10 Jan 2025 09:37

Tgt Ion: 78 Resp: 141166

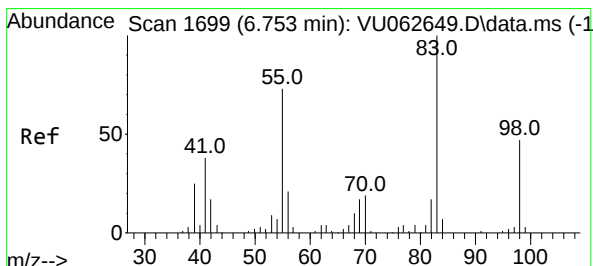
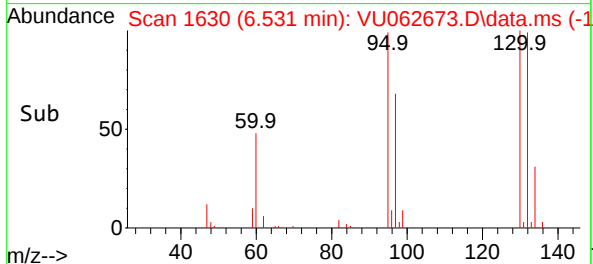
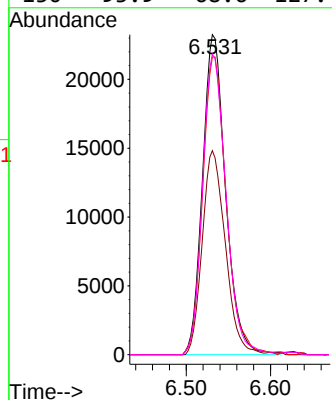
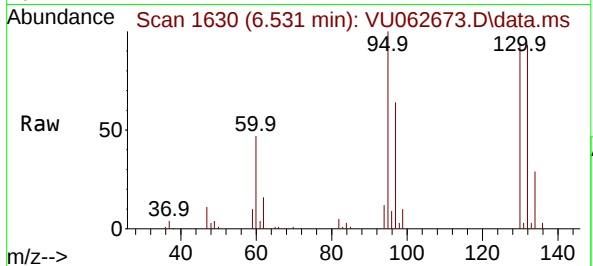




#34
Trichloroethene
Concen: 4.654 ug/L
RT: 6.531 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU062673.D
Acq: 10 Jan 2025 09:37

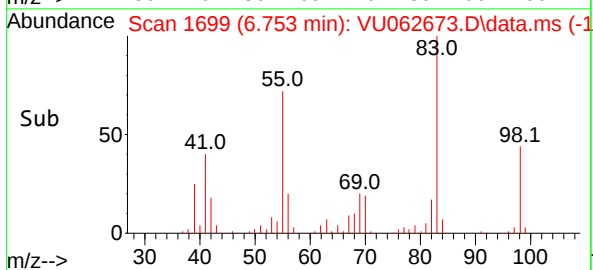
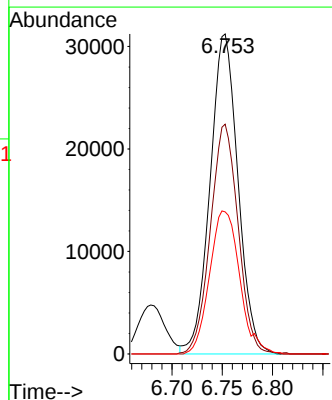
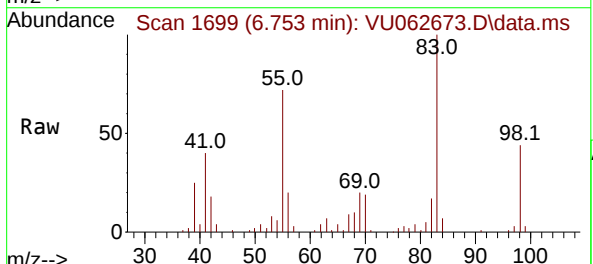
Instrument :
MSVOA_U
ClientSampleId :

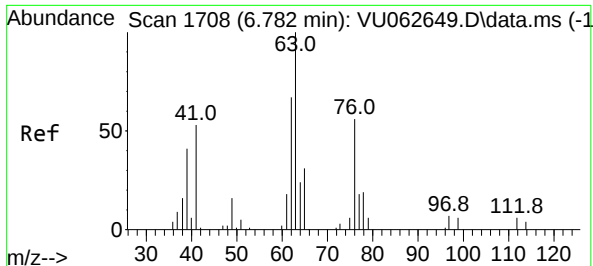
Tgt Ion: 95 Resp: 44441
Ion Ratio Lower Upper
95 100
97 63.8 47.5 88.3
132 93.0 66.9 124.3
130 93.9 68.6 127.4



#35
Methylcyclohexane
Concen: 5.133 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VU062673.D
Acq: 10 Jan 2025 09:37

Tgt Ion: 83 Resp: 60308
Ion Ratio Lower Upper
83 100
55 71.3 57.2 85.8
98 48.1 36.6 55.0





#37

1,2-Dichloropropane

Concen: 5.095 ug/L

RT: 6.779 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU062673.D

Acq: 10 Jan 2025 09:37

Instrument :

MSVOA_U

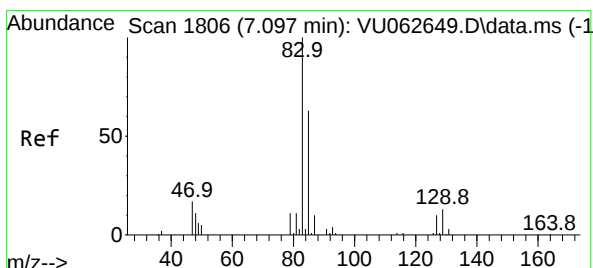
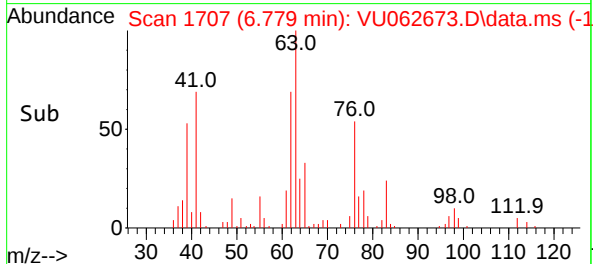
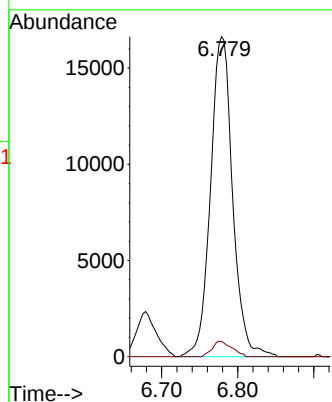
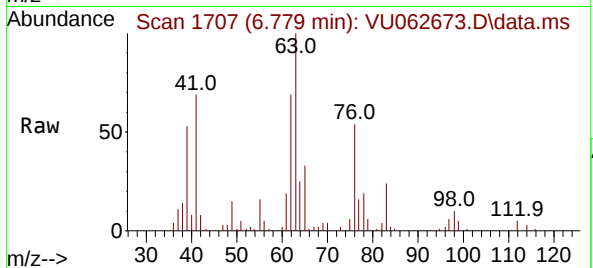
ClientSampleId :

Tgt Ion: 63 Resp: 33595

Ion Ratio Lower Upper

63 100

112 4.3 3.8 5.8



#38

Bromodichloromethane

Concen: 5.127 ug/L

RT: 7.094 min Scan# 1805

Delta R.T. -0.003 min

Lab File: VU062673.D

Acq: 10 Jan 2025 09:37

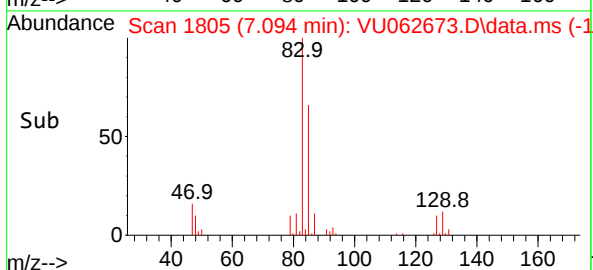
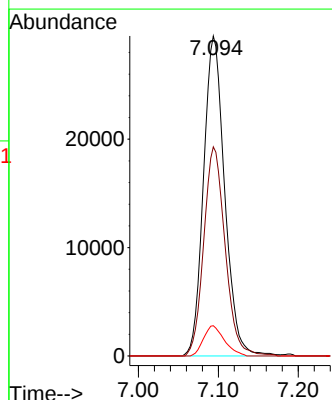
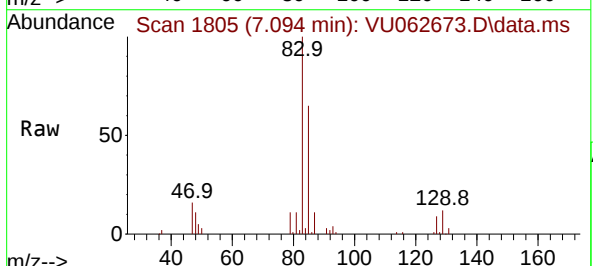
Tgt Ion: 83 Resp: 54368

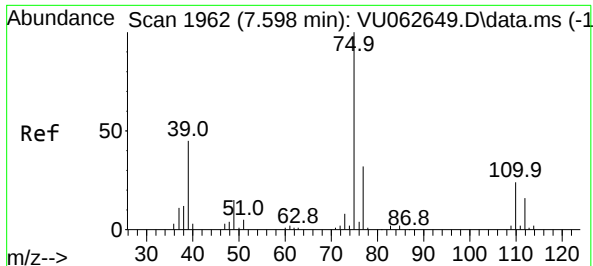
Ion Ratio Lower Upper

83 100

85 65.4 44.2 82.0

127 9.5 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 5.274 ug/L

RT: 7.599 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VU062673.D

Acq: 10 Jan 2025 09:37

Instrument :

MSVOA_U

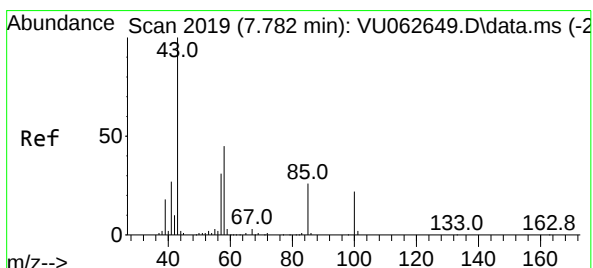
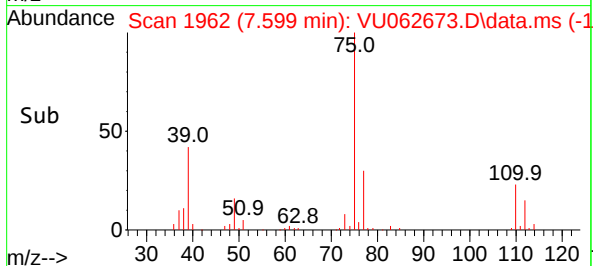
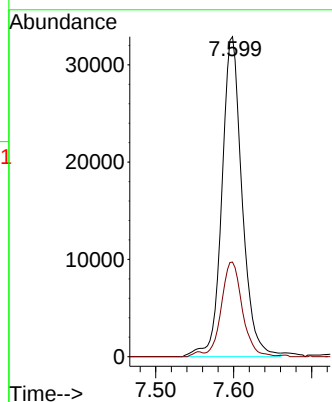
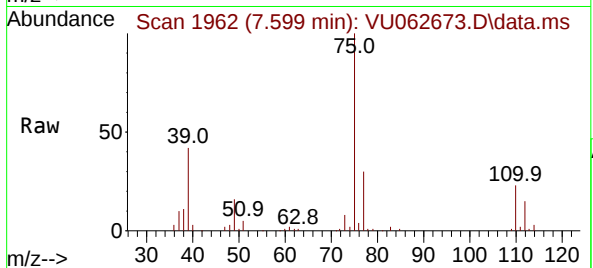
ClientSampleId :

Tgt Ion: 75 Resp: 59204

Ion Ratio Lower Upper

75 100

77 29.6 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 53.443 ug/L

RT: 7.775 min Scan# 2017

Delta R.T. -0.006 min

Lab File: VU062673.D

Acq: 10 Jan 2025 09:37

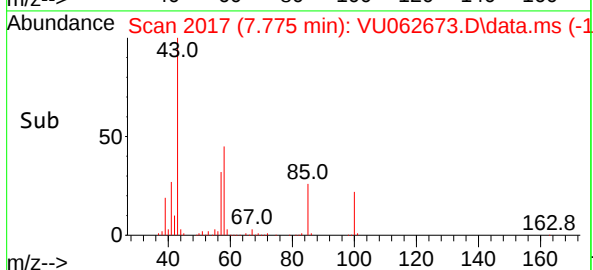
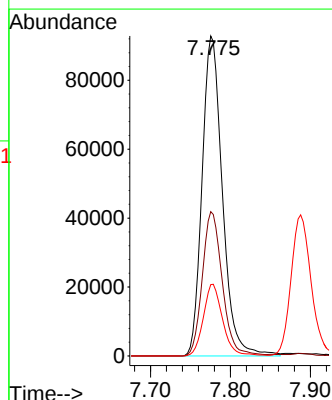
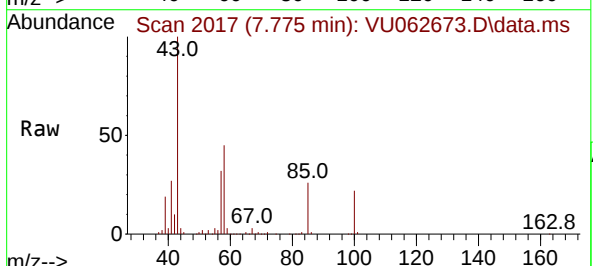
Tgt Ion: 43 Resp: 164610

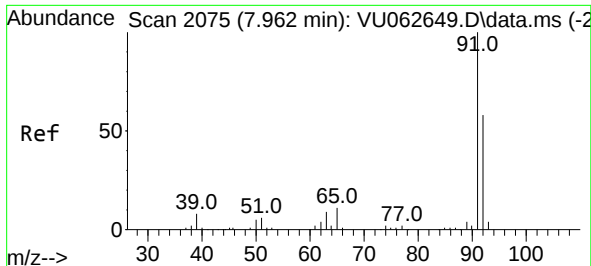
Ion Ratio Lower Upper

43 100

58 44.3 35.8 53.8

100 21.3 16.8 25.2





#42

Toluene

Concen: 5.203 ug/L

RT: 7.959 min Scan# 2074

Delta R.T. -0.003 min

Lab File: VU062673.D

Acq: 10 Jan 2025 09:37

Instrument :

MSVOA_U

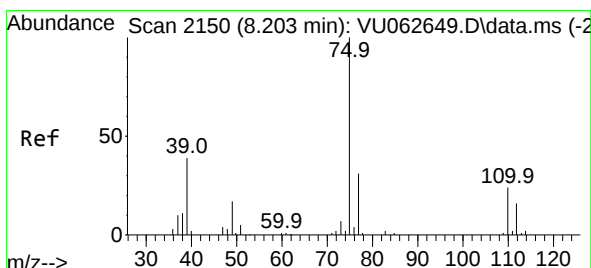
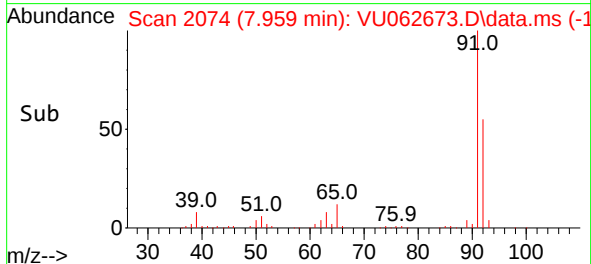
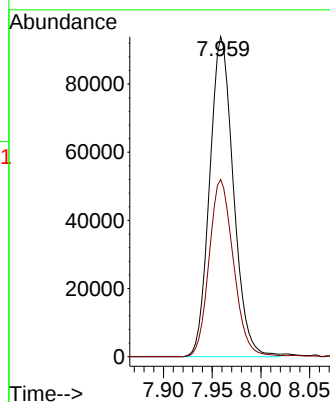
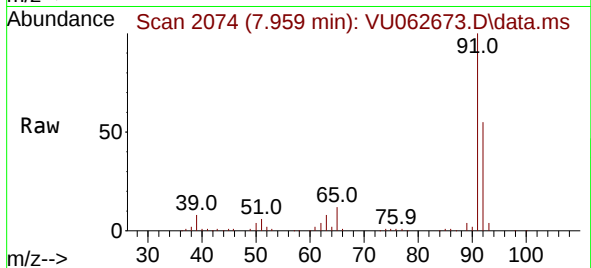
ClientSampleId :

Tgt Ion: 91 Resp: 159352

Ion Ratio Lower Upper

91 100

92 55.4 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 5.441 ug/L

RT: 8.200 min Scan# 2149

Delta R.T. -0.003 min

Lab File: VU062673.D

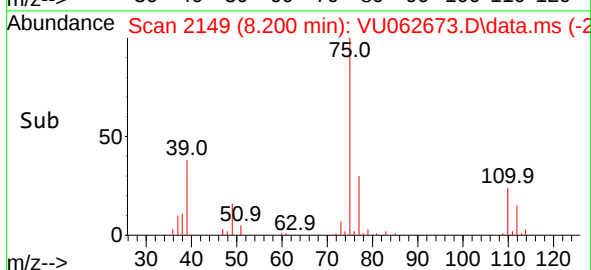
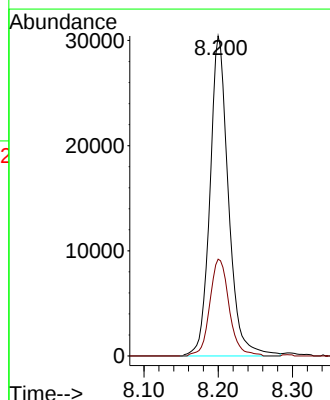
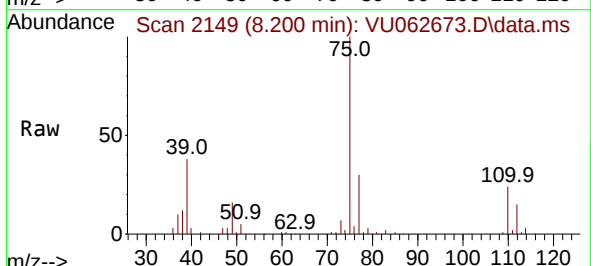
Acq: 10 Jan 2025 09:37

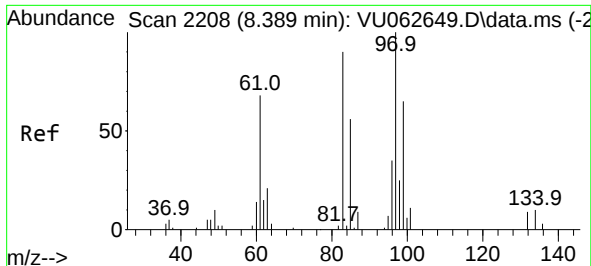
Tgt Ion: 75 Resp: 52661

Ion Ratio Lower Upper

75 100

77 30.2 21.8 40.6

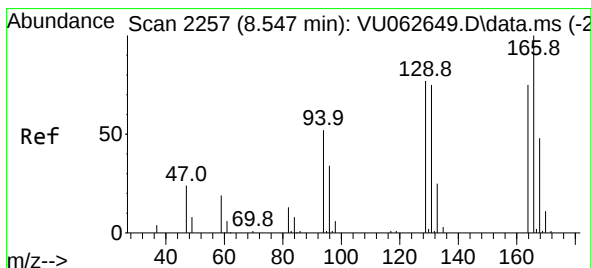
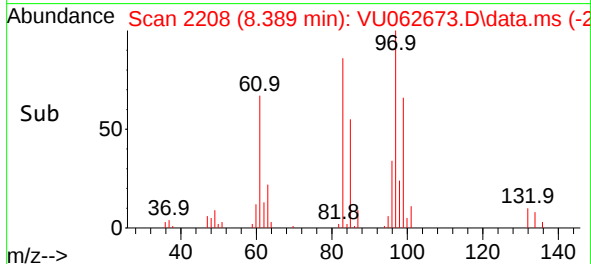
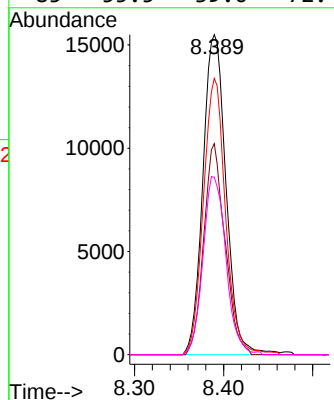
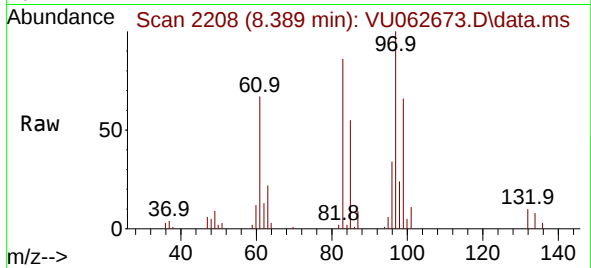




#45
1,1,2-Trichloroethane
Concen: 5.211 ug/L
RT: 8.389 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU062673.D
Acq: 10 Jan 2025 09:37

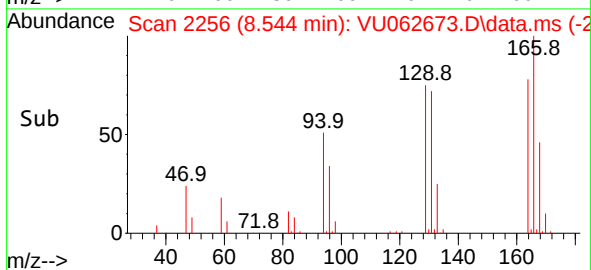
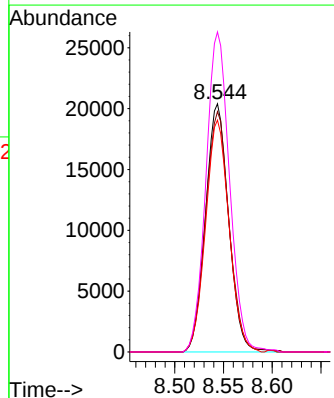
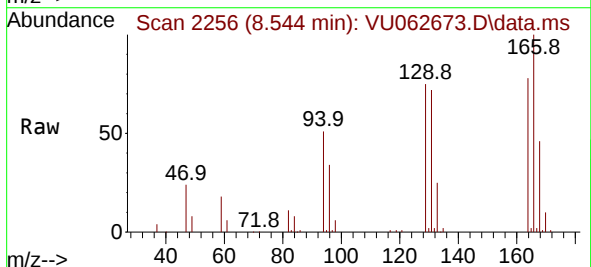
Instrument :
MSVOA_U
ClientSampleId :

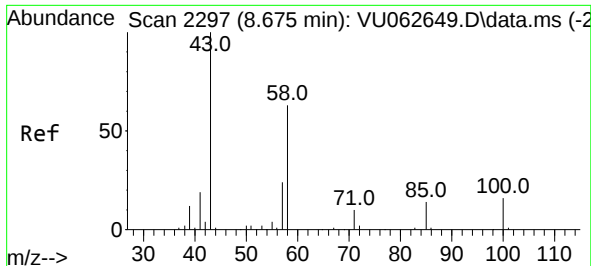
Tgt Ion:	97	Resp:	27905
Ion	Ratio	Lower	Upper
97	100		
99	66.0	45.6	84.6
83	86.4	63.0	117.0
85	55.5	39.0	72.4



#47
Tetrachloroethene
Concen: 5.105 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU062673.D
Acq: 10 Jan 2025 09:37

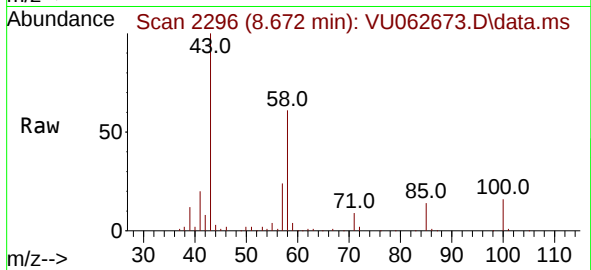
Tgt Ion:	164	Resp:	33575
Ion	Ratio	Lower	Upper
164	100		
129	96.8	71.0	131.9
131	93.5	69.4	129.0
166	128.9	92.7	172.3



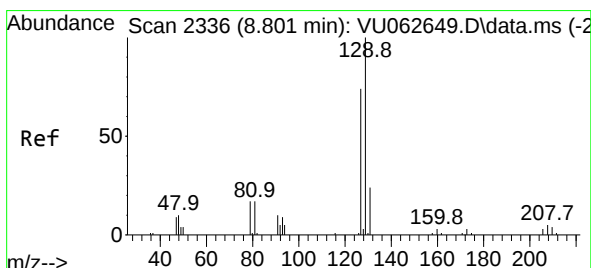
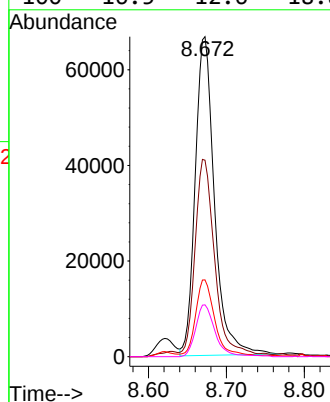
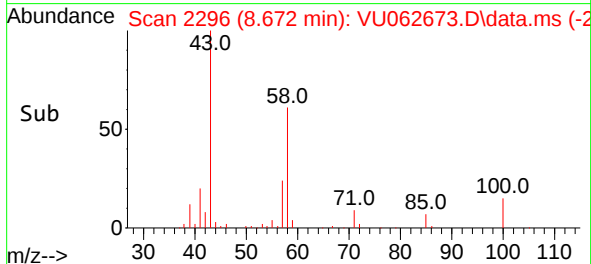


#48
2-Hexanone
Concen: 51.773 ug/L
RT: 8.672 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VU062673.D
Acq: 10 Jan 2025 09:37

Instrument :
MSVOA_U
ClientSampleId :

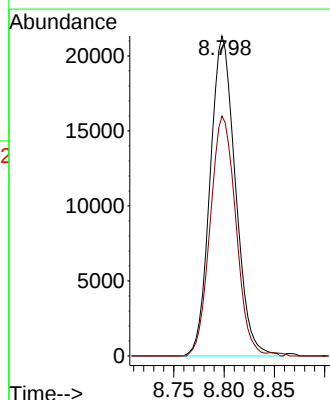
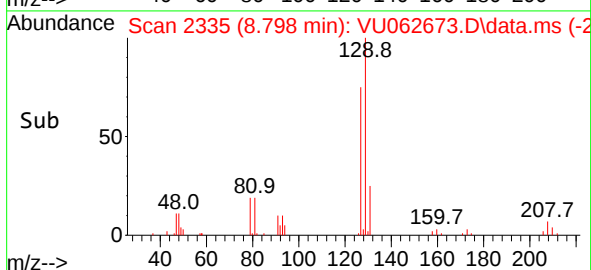
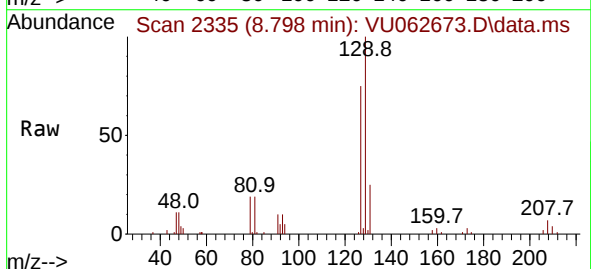


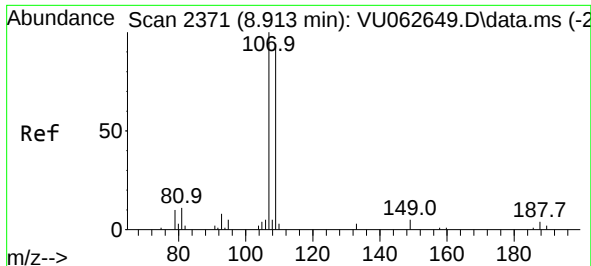
Tgt Ion:	43	Resp:	114645
Ion	Ratio	Lower	Upper
43	100		
58	61.2	50.2	75.4
57	23.4	19.9	29.9
100	16.5	12.6	18.8



#49
Dibromochloromethane
Concen: 5.184 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. -0.003 min
Lab File: VU062673.D
Acq: 10 Jan 2025 09:37

Tgt Ion:	129	Resp:	37272
Ion	Ratio	Lower	Upper
129	100		
127	75.0	52.1	96.9





#50

1,2-Dibromoethane

Concen: 5.425 ug/L

RT: 8.914 min Scan# 21

Delta R.T. 0.000 min

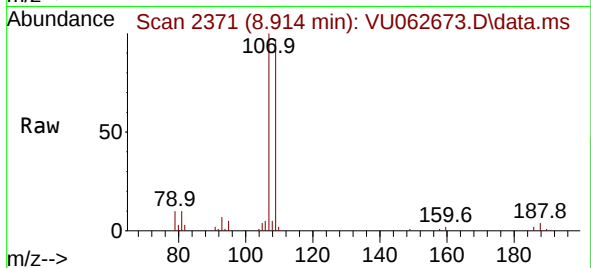
Lab File: VU062673.D

Acq: 10 Jan 2025 09:37

Instrument :

MSVOA_U

ClientSampleId :



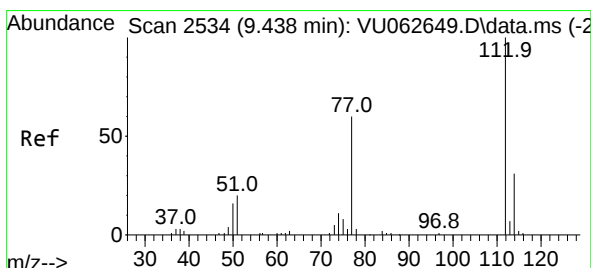
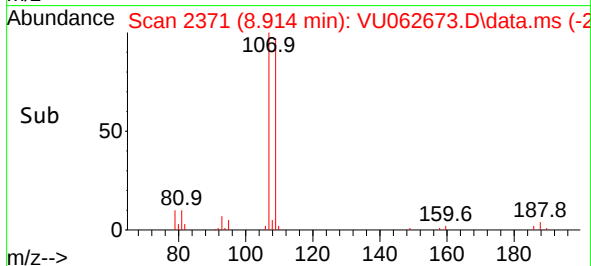
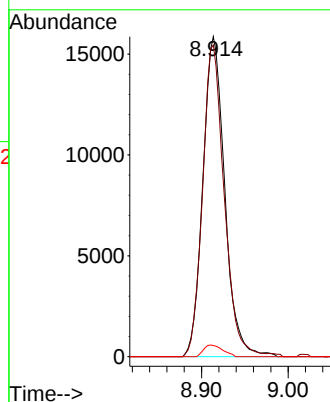
Tgt Ion:107 Resp: 27795

Ion Ratio Lower Upper

107 100

109 97.4 65.7 121.9

188 3.5 3.4 5.2



#51

Chlorobenzene

Concen: 5.174 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. 0.000 min

Lab File: VU062673.D

Acq: 10 Jan 2025 09:37

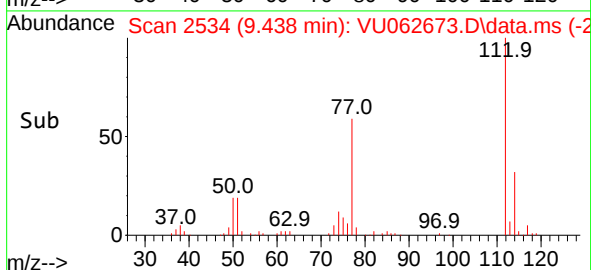
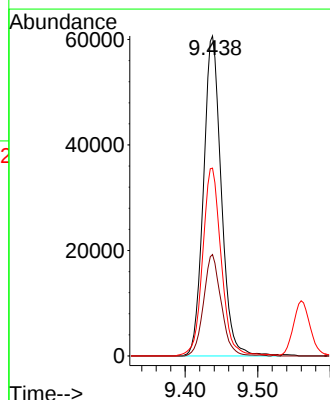
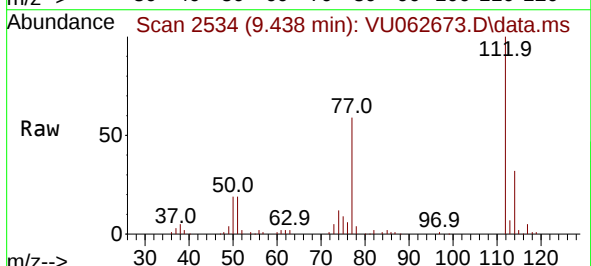
Tgt Ion:112 Resp: 103633

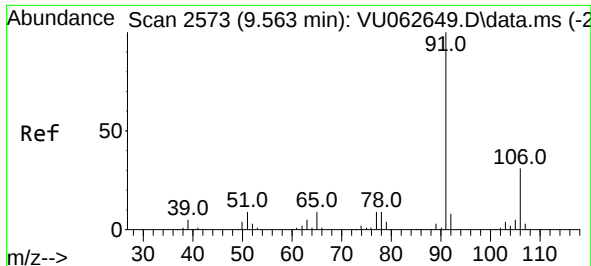
Ion Ratio Lower Upper

112 100

114 31.7 21.7 40.3

77 58.7 48.6 73.0





#52

Ethylbenzene

Concen: 5.263 ug/L

RT: 9.560 min Scan# 2

Delta R.T. -0.003 min

Lab File: VU062673.D

Acq: 10 Jan 2025 09:37

Instrument :

MSVOA_U

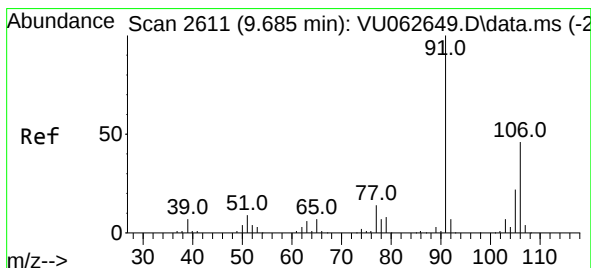
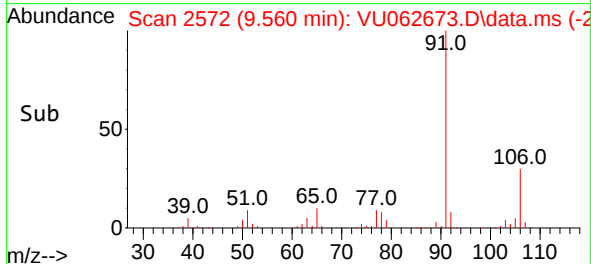
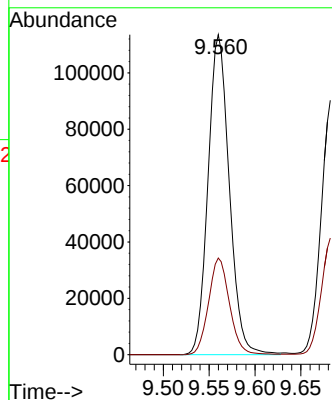
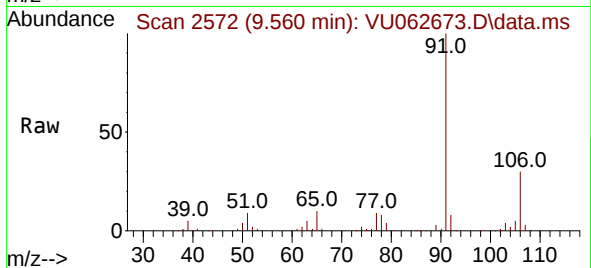
ClientSampleId :

Tgt Ion: 91 Resp: 182911

Ion Ratio Lower Upper

91 100

106 30.2 21.9 40.7



#53

m,p-Xylene

Concen: 5.147 ug/L

RT: 9.682 min Scan# 2610

Delta R.T. -0.003 min

Lab File: VU062673.D

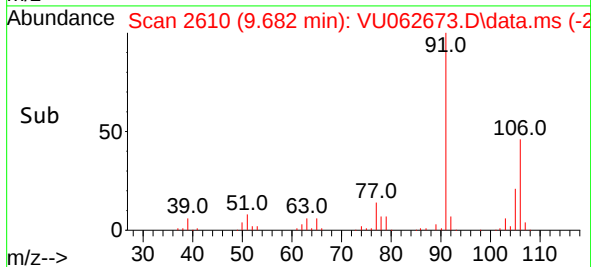
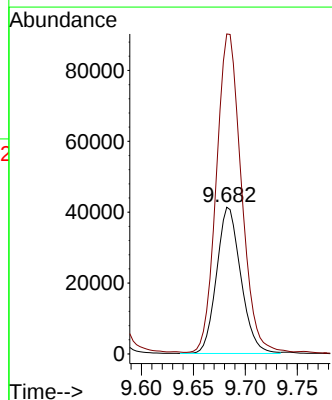
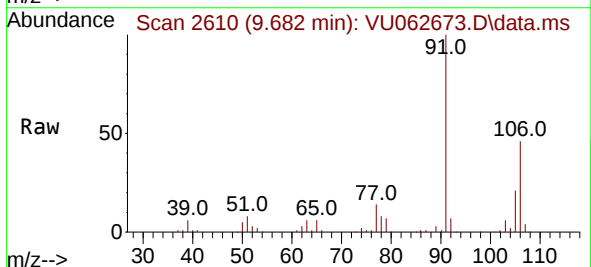
Acq: 10 Jan 2025 09:37

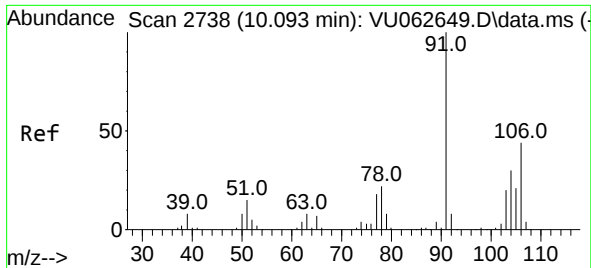
Tgt Ion:106 Resp: 66907

Ion Ratio Lower Upper

106 100

91 218.1 153.1 284.3

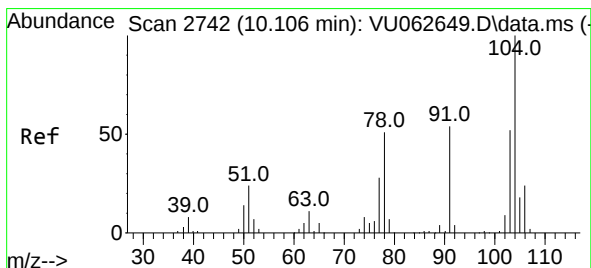
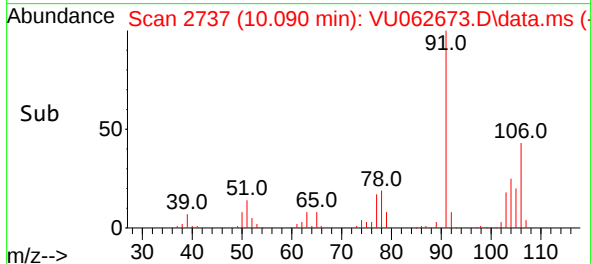
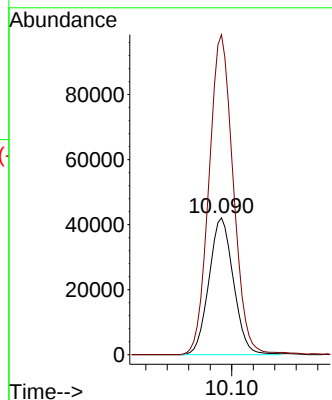
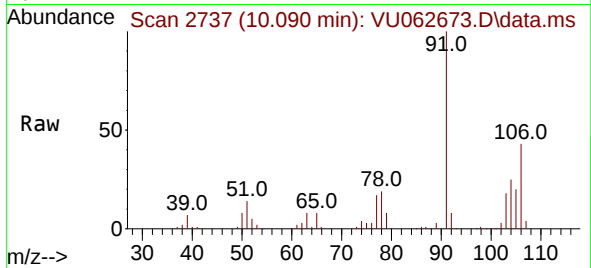




#54
o-Xylene
Concen: 5.341 ug/L
RT: 10.090 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU062673.D
Acq: 10 Jan 2025 09:37

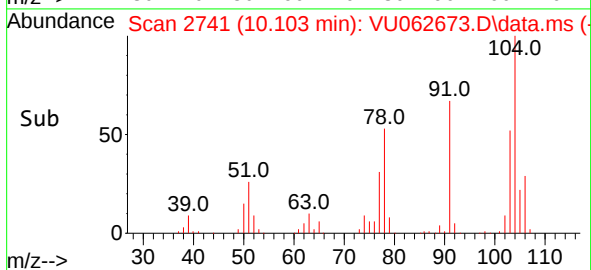
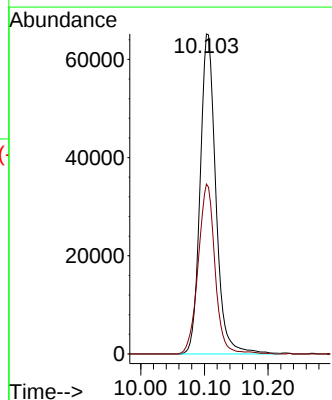
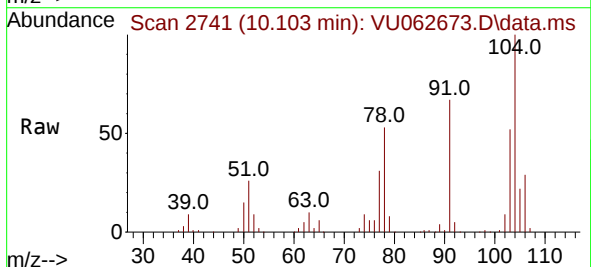
Instrument :
MSVOA_U
ClientSampleId :

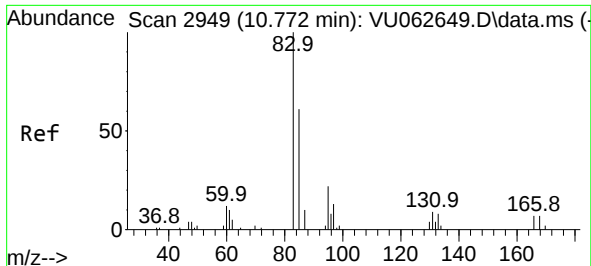
Tgt Ion:106 Resp: 66504
Ion Ratio Lower Upper
106 100
91 233.9 160.4 297.8



#55
Styrene
Concen: 5.381 ug/L
RT: 10.103 min Scan# 2741
Delta R.T. -0.003 min
Lab File: VU062673.D
Acq: 10 Jan 2025 09:37

Tgt Ion:104 Resp: 112062
Ion Ratio Lower Upper
104 100
78 53.1 35.5 65.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.244 ug/L

RT: 10.769 min Scan# 2948

Delta R.T. -0.003 min

Lab File: VU062673.D

Acq: 10 Jan 2025 09:37

Instrument :

MSVOA_U

ClientSampleId :

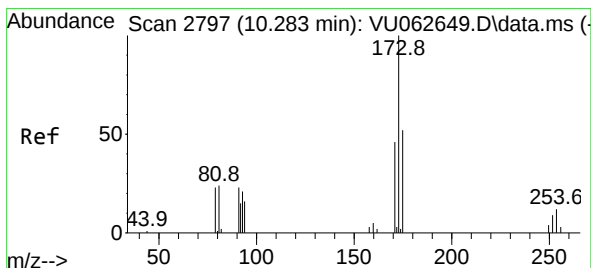
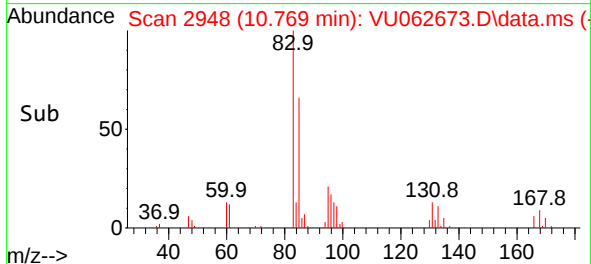
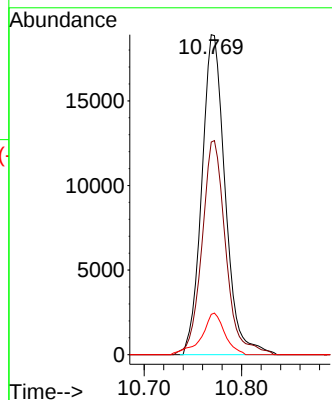
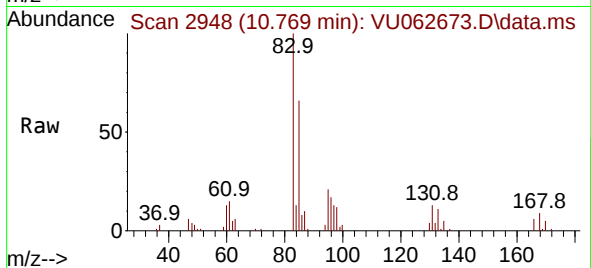
Tgt Ion: 83 Resp: 31501

Ion Ratio Lower Upper

83 100

85 66.4 43.0 79.8

131 12.6 7.4 11.0#



#59

Bromoform

Concen: 5.280 ug/L

RT: 10.280 min Scan# 2796

Delta R.T. -0.003 min

Lab File: VU062673.D

Acq: 10 Jan 2025 09:37

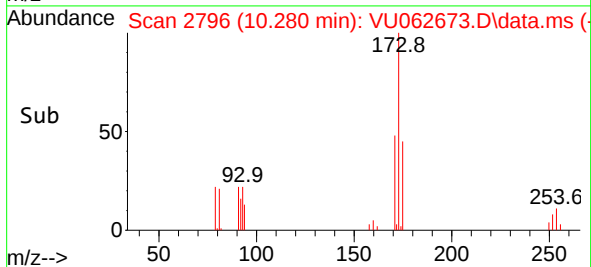
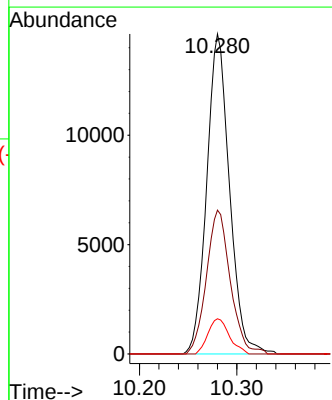
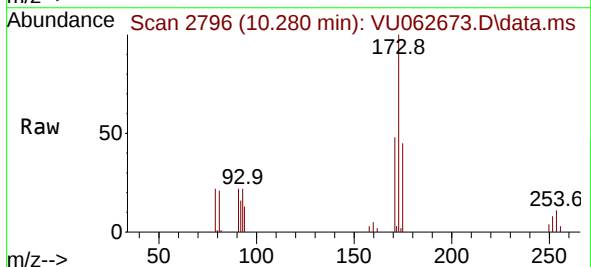
Tgt Ion:173 Resp: 23707

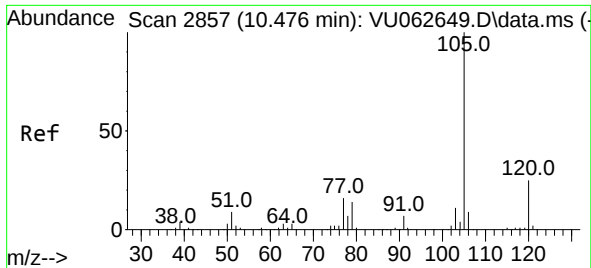
Ion Ratio Lower Upper

173 100

175 47.1 39.8 59.8

254 10.3 8.6 12.8

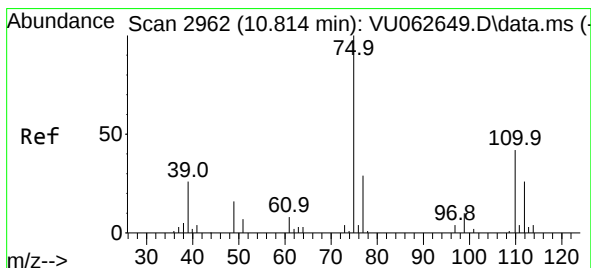
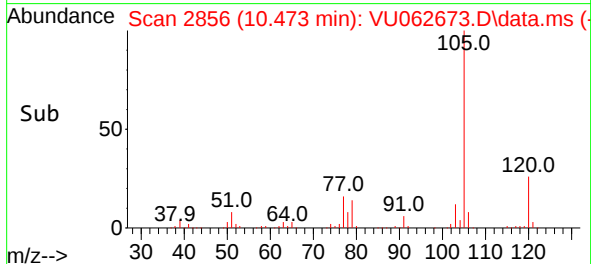
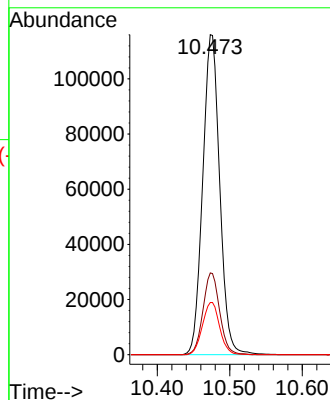
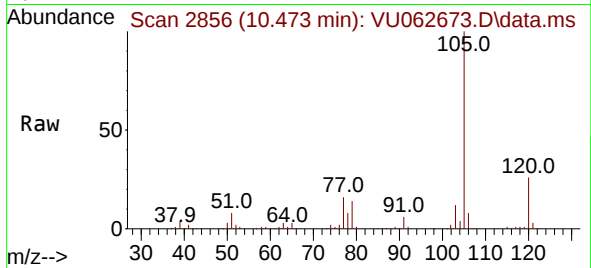




#60
Isopropylbenzene
Concen: 5.321 ug/L
RT: 10.473 min Scan# 2857
Delta R.T. -0.003 min
Lab File: VU062673.D
Acq: 10 Jan 2025 09:37

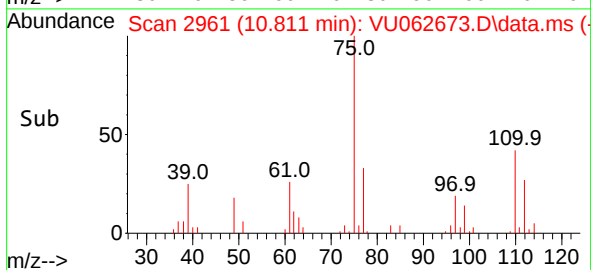
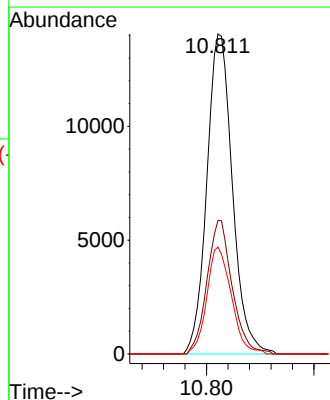
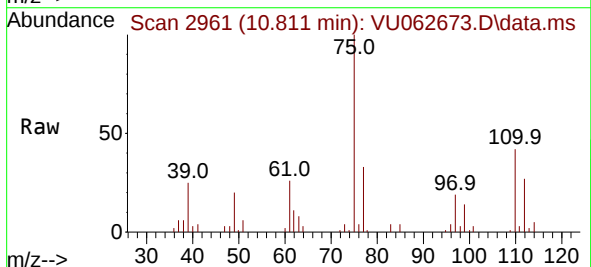
Instrument :
MSVOA_U
ClientSampleId :

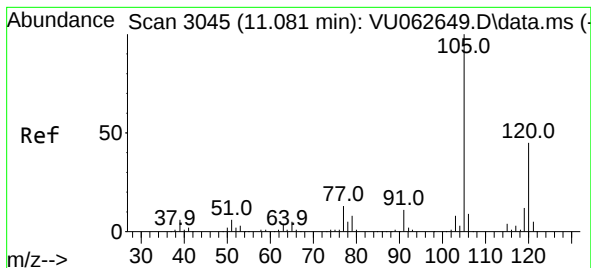
Tgt Ion:105 Resp: 188768
Ion Ratio Lower Upper
105 100
120 25.1 20.2 30.2
77 16.5 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 5.090 ug/L
RT: 10.811 min Scan# 2961
Delta R.T. -0.003 min
Lab File: VU062673.D
Acq: 10 Jan 2025 09:37

Tgt Ion: 75 Resp: 23243
Ion Ratio Lower Upper
75 100
110 41.1 33.2 49.8
77 32.0 25.9 38.9





#62

1,3,5-Trimethylbenzene

Concen: 5.386 ug/L

RT: 11.077 min Scan# 3044

Delta R.T. -0.003 min

Lab File: VU062673.D

Acq: 10 Jan 2025 09:37

Instrument :

MSVOA_U

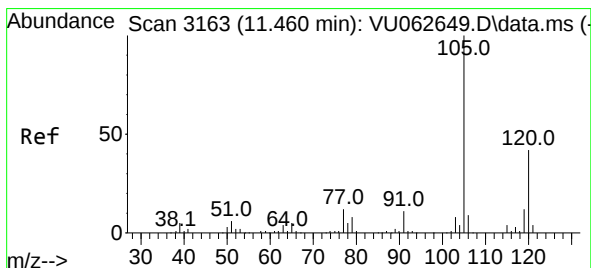
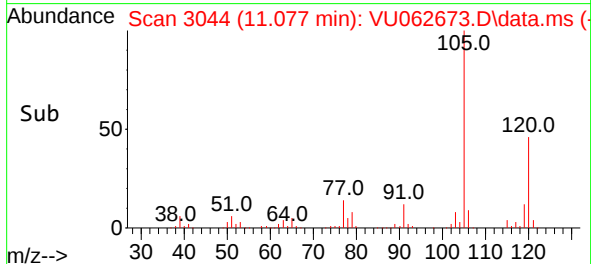
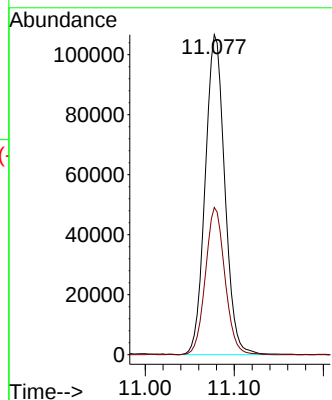
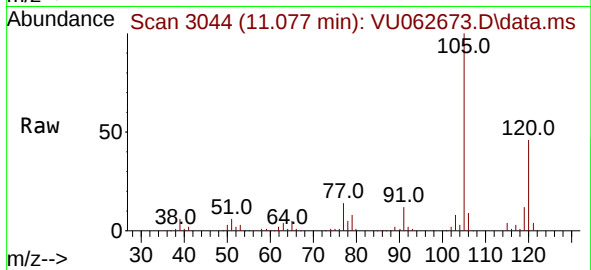
ClientSampleId :

Tgt Ion:105 Resp: 162402

Ion Ratio Lower Upper

105 100

120 45.9 35.9 53.9



#63

1,2,4-Trimethylbenzene

Concen: 5.515 ug/L

RT: 11.457 min Scan# 3162

Delta R.T. -0.003 min

Lab File: VU062673.D

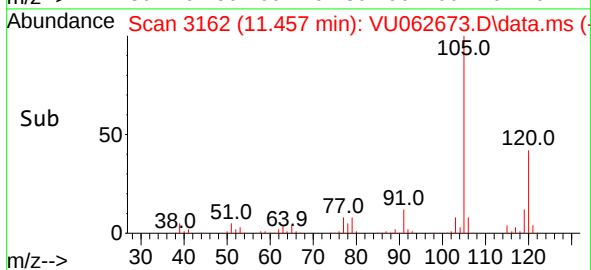
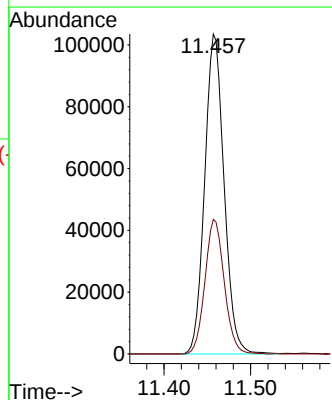
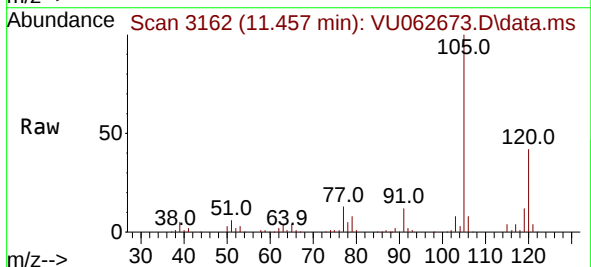
Acq: 10 Jan 2025 09:37

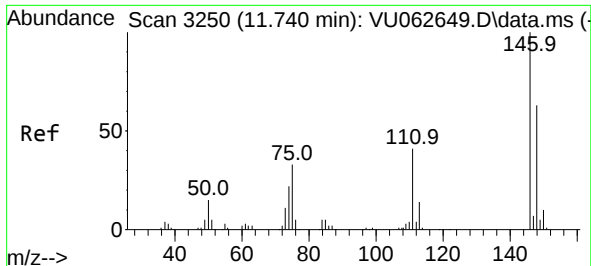
Tgt Ion:105 Resp: 160865

Ion Ratio Lower Upper

105 100

120 41.9 34.2 51.2

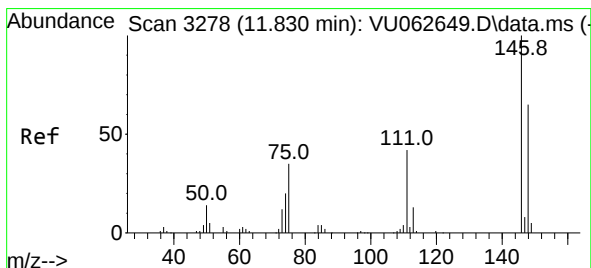
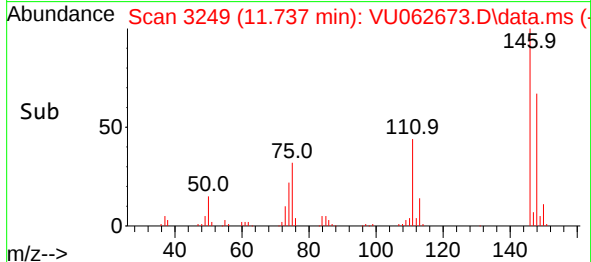
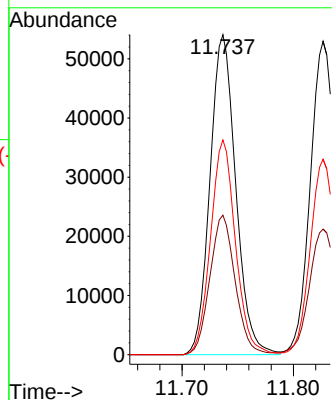
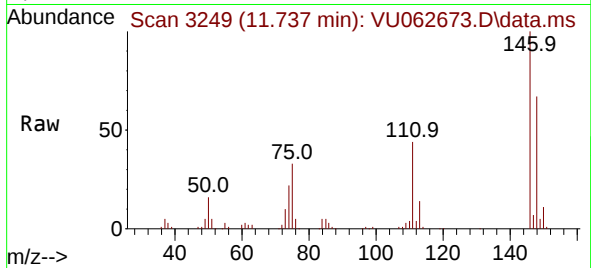




#64
1,3-Dichlorobenzene
Concen: 5.285 ug/L
RT: 11.737 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU062673.D
Acq: 10 Jan 2025 09:37

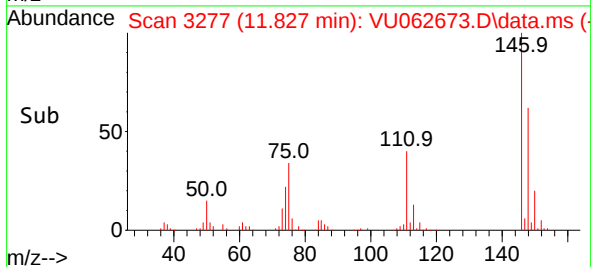
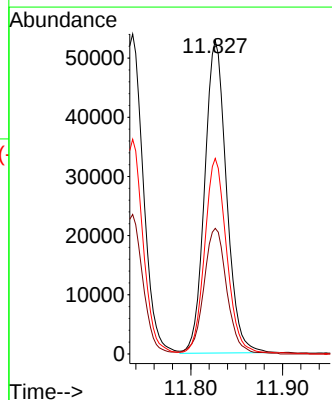
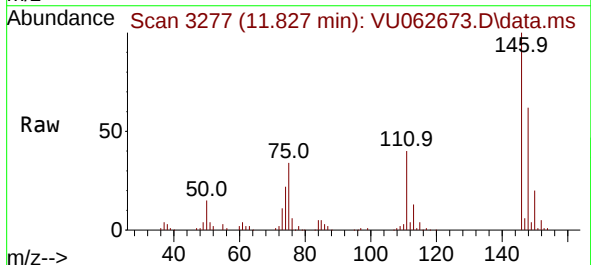
Instrument :
MSVOA_U
ClientSampleId :

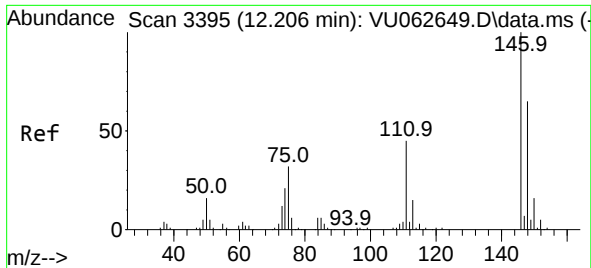
Tgt Ion:146 Resp: 86912
Ion Ratio Lower Upper
146 100
111 43.6 28.6 53.0
148 67.1 44.0 81.6



#65
1,4-Dichlorobenzene
Concen: 5.262 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. -0.003 min
Lab File: VU062673.D
Acq: 10 Jan 2025 09:37

Tgt Ion:146 Resp: 87262
Ion Ratio Lower Upper
146 100
111 40.1 29.5 54.9
148 62.4 45.1 83.9

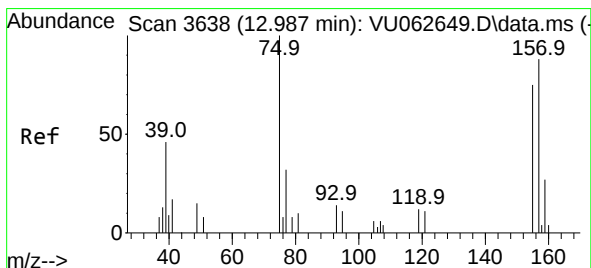
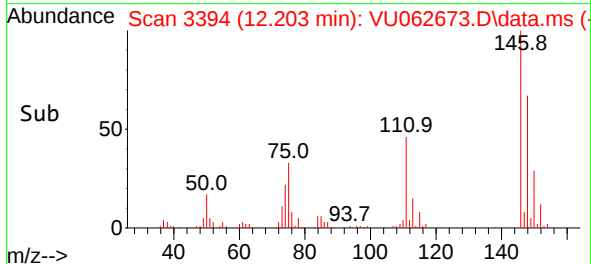
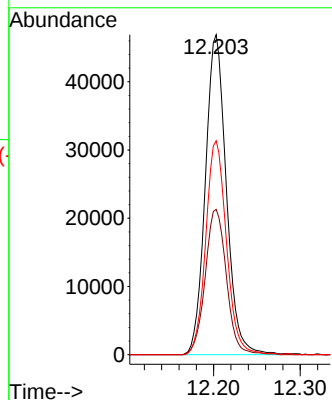
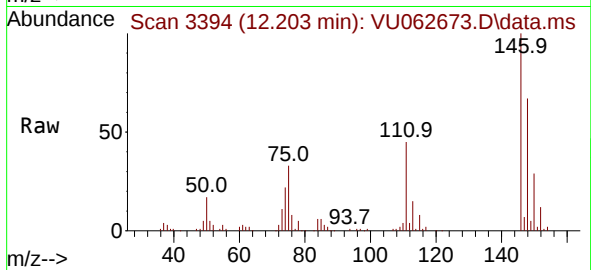




#67
 1,2-Dichlorobenzene
 Concen: 5.121 ug/L
 RT: 12.203 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU062673.D
 Acq: 10 Jan 2025 09:37

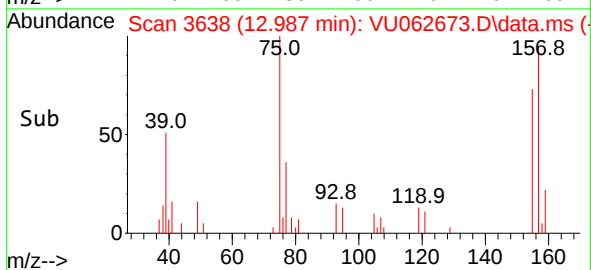
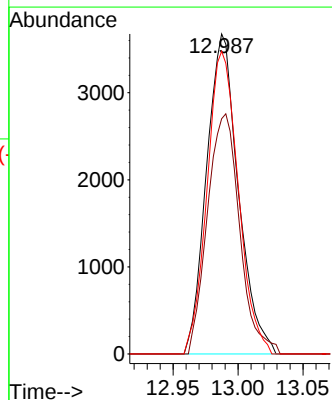
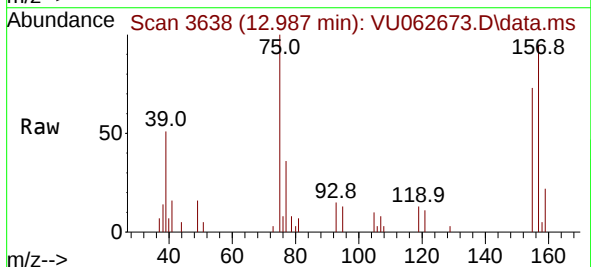
Instrument :
 MSVOA_U
 ClientSampleId :

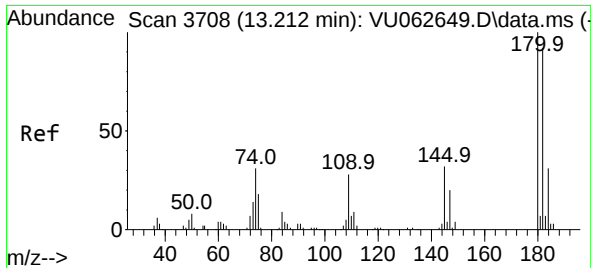
Tgt Ion:146 Resp: 78930
 Ion Ratio Lower Upper
 146 100
 111 45.4 36.3 54.5
 148 66.9 52.0 78.0



#68
 1,2-Dibromo-3-chloropropane
 Concen: 5.279 ug/L
 RT: 12.987 min Scan# 3638
 Delta R.T. 0.000 min
 Lab File: VU062673.D
 Acq: 10 Jan 2025 09:37

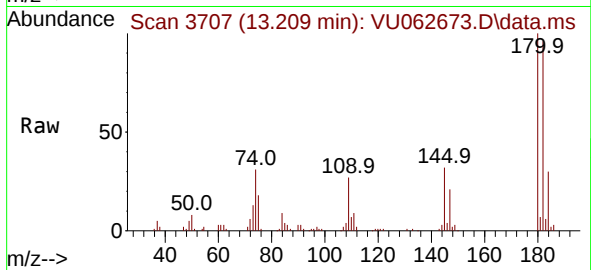
Tgt Ion: 75 Resp: 6244
 Ion Ratio Lower Upper
 75 100
 155 73.5 59.6 89.4
 157 94.6 70.8 106.2



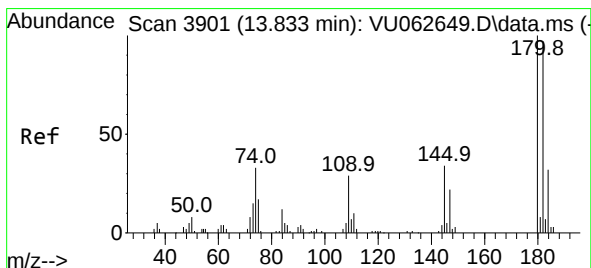
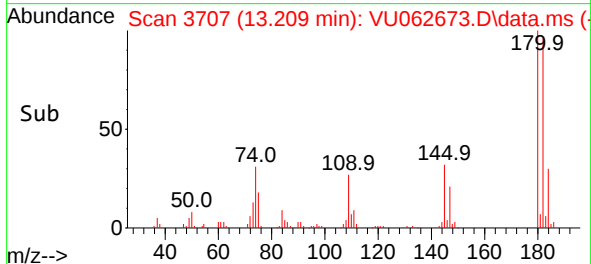
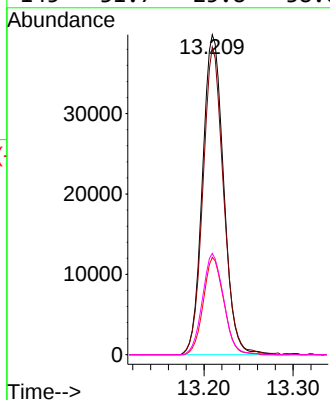


#69
 1,3,5-Trichlorobenzene
 Concen: 5.279 ug/L
 RT: 13.209 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU062673.D
 Acq: 10 Jan 2025 09:37

Instrument :
 MSVOA_U
 ClientSampleId :

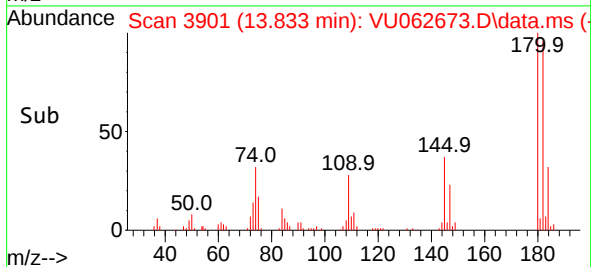
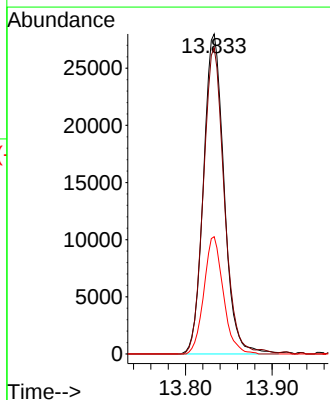
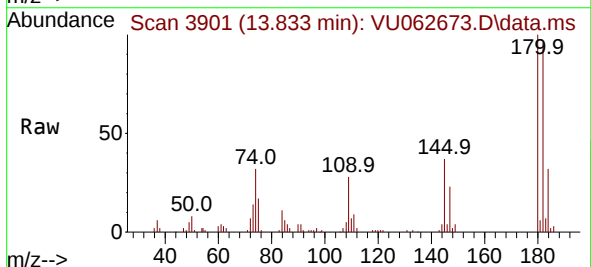


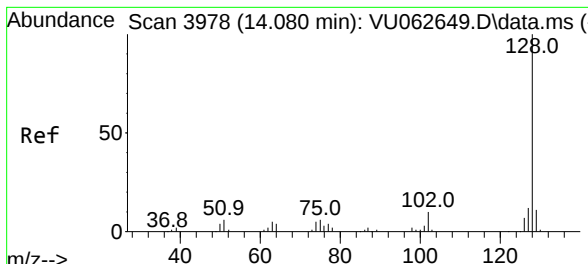
Tgt Ion:180 Resp: 65383
 Ion Ratio Lower Upper
 180 100
 182 94.0 75.8 113.8
 184 29.6 24.7 37.1
 145 31.7 25.8 38.6



#70
 1,2,4-trichlorobenzene
 Concen: 4.628 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. 0.000 min
 Lab File: VU062673.D
 Acq: 10 Jan 2025 09:37

Tgt Ion:180 Resp: 46173
 Ion Ratio Lower Upper
 180 100
 182 96.3 77.1 115.7
 145 34.6 26.9 40.3

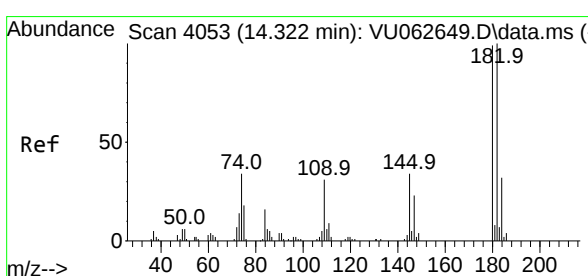
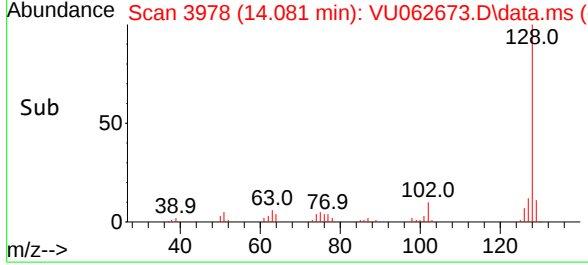
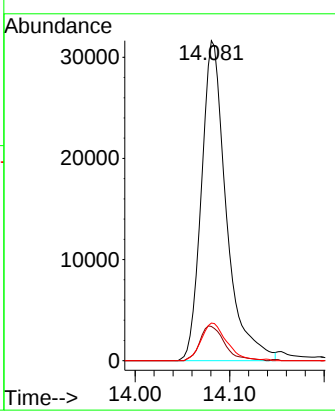
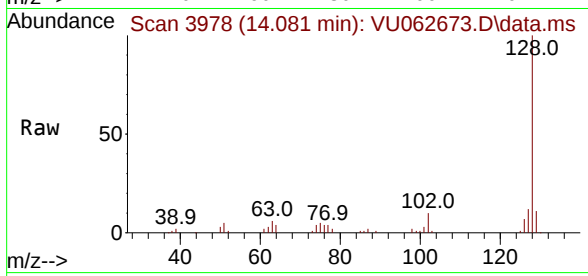




#71
 Naphthalene
 Concen: 3.960 ug/L
 RT: 14.081 min Scan# 3978
 Delta R.T. 0.000 min
 Lab File: VU062673.D
 Acq: 10 Jan 2025 09:37

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:	128	Resp:	57810
Ion Ratio	Lower	Upper	
128	100		
129	10.8	8.5	12.7
127	12.0	10.2	15.2



#72
 1,2,3-Trichlorobenzene
 Concen: 4.387 ug/L
 RT: 14.322 min Scan# 4053
 Delta R.T. 0.000 min
 Lab File: VU062673.D
 Acq: 10 Jan 2025 09:37

Tgt Ion:	180	Resp:	38153
Ion Ratio	Lower	Upper	
180	100		
182	94.3	79.8	119.6
145	34.5	29.2	43.8

