

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022125\
 Data File : VU063272.D
 Acq On : 21 Feb 2025 13:15
 Operator : MD/SY
 Sample : VSTD001
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 24 11:16:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022125WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Feb 24 11:14:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	190605	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	181679	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	79468	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	16593	1.38	ug/L	0.00
7) Chloroethane-d5	1.904	69	13548	1.26	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.557	65	6878	1.32	ug/L	0.00
20) 2-Butanone-d5	4.621	46	32620	9.17	ug/L	0.02
24) Chloroform-d	5.052	84	29552	1.18	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	14872	1.16	ug/L	0.00
32) Benzene-d6	5.717	84	57921	1.17	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	19275	1.19	ug/L	0.00
41) Toluene-d8	7.888	98	51124	1.16	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	6338	1.06	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	20787	7.26	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.743	84	15373	1.10	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	16009	1.16	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	18505	1.11	ug/L	96
3) Chloromethane	1.518	50	20933	1.13	ug/L	95
5) Vinyl chloride	1.599	62	20645	1.11	ug/L	98
6) Bromomethane	1.846	94	12154	1.26	ug/L	98
8) Chloroethane	1.923	64	12688	1.13	ug/L	99
9) Trichlorofluoromethane	2.129	101	24743	1.19	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	15337	1.20	ug/L	97
12) 1,1-Dichloroethene	2.570	96	14510	1.15	ug/L	98
13) Acetone	2.615	43	22132	9.80	ug/L	97
14) Carbon disulfide	2.782	76	47537	1.09	ug/L	99
15) Methyl Acetate	2.946	43	6063	1.00	ug/L	96
16) Methylene chloride	3.033	84	17228	1.14	ug/L	93
17) Methyl tert-butyl Ether	3.348	73	34726	1.01	ug/L #	90
18) trans-1,2-Dichloroethene	3.345	96	14935	1.11	ug/L	92
19) 1,1-Dichloroethane	3.856	63	29550	1.09	ug/L	99
21) 2-Butanone	4.698	43	33151	8.96	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	16611	1.10	ug/L	97
23) Bromochloromethane	4.965	128	7310	1.08	ug/L	97
25) Chloroform	5.074	83	29953	1.12	ug/L	95
27) 1,2-Dichloroethane	5.785	62	19632	1.12	ug/L	99
29) 1,1,1-Trichloroethane	5.303	97	24265	1.12	ug/L	98
30) Cyclohexane	5.373	56	22848	1.02	ug/L	99
31) Carbon tetrachloride	5.512	117	20919	1.15	ug/L	100
33) Benzene	5.762	78	67192	1.11	ug/L	100
34) Trichloroethene	6.534	95	16875	1.11	ug/L	97
35) Methylcyclohexane	6.750	83	23011	1.03	ug/L	96
37) 1,2-Dichloropropane	6.778	63	18147	1.13	ug/L	100
38) Bromodichloromethane	7.094	83	21424	1.11	ug/L	96
39) cis-1,3-Dichloropropene	7.598	75	22520	0.98	ug/L	95
40) 4-Methyl-2-pentanone	7.778	43	83874	9.03	ug/L	99
42) Toluene	7.962	91	65728	1.05	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	18874	0.99	ug/L	98

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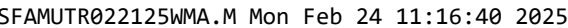
Quant Time: Feb 24 11:16:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022125WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Feb 24 11:14:50 2025
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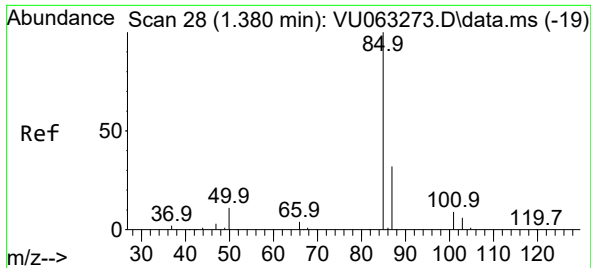
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.389	97	12679	1.08	ug/L	99
47) Tetrachloroethene	8.544	164	12614	1.18	ug/L	96
48) 2-Hexanone	8.676	43	54024	8.28	ug/L	99
49) Dibromochloromethane	8.798	129	13133	1.06	ug/L	98
50) 1,2-Dibromoethane	8.913	107	11011	1.02	ug/L #	100
51) Chlorobenzene	9.438	112	42260	1.11	ug/L	99
52) Ethylbenzene	9.563	91	66049	1.01	ug/L	99
53) m,p-Xylene	9.685	106	24635	1.04	ug/L	98
54) o-Xylene	10.090	106	22726	0.97	ug/L	96
55) Styrene	10.106	104	36016	0.94	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	15615	1.03	ug/L	91
59) Bromoform	10.280	173	7617	1.11	ug/L	96
60) Isopropylbenzene	10.473	105	61763	1.09	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	10667	1.11	ug/L	98
62) 1,3,5-Trimethylbenzene	11.077	105	44189	0.99	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	38632	0.91	ug/L	97
64) 1,3-Dichlorobenzene	11.736	146	28939	1.12	ug/L	97
65) 1,4-Dichlorobenzene	11.827	146	28852	1.11	ug/L	96
67) 1,2-Dichlorobenzene	12.203	146	27119	1.12	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	1819	0.95	ug/L #	79
69) 1,3,5-Trichlorobenzene	13.212	180	19612	1.12	ug/L	96
70) 1,2,4-trichlorobenzene	13.836	180	12566	0.93	ug/L	99
71) Naphthalene	14.090	128	14372	0.66	ug/L #	88
72) 1,2,3-Trichlorobenzene	14.325	180	10325	0.86	ug/L	95

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

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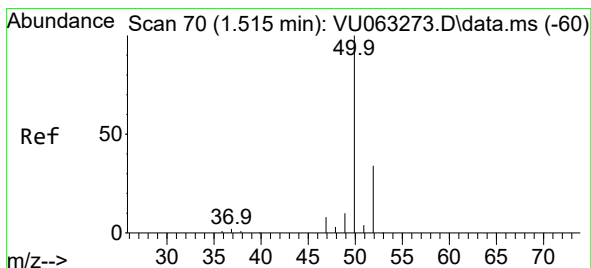
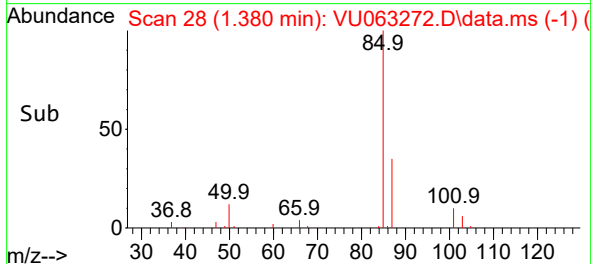
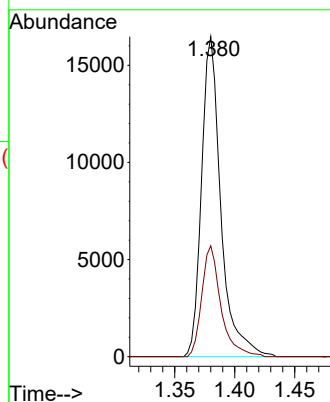
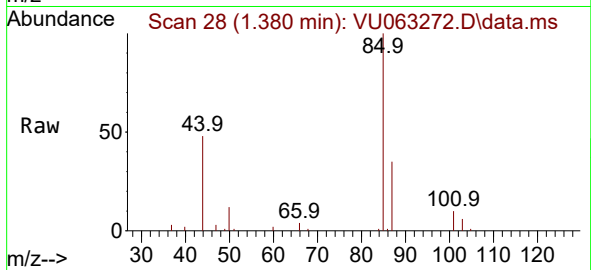




#2
Dichlorodifluoromethane
Concen: 1.11 ug/L
RT: 1.380 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063272.D
Acq: 21 Feb 2025 13:15

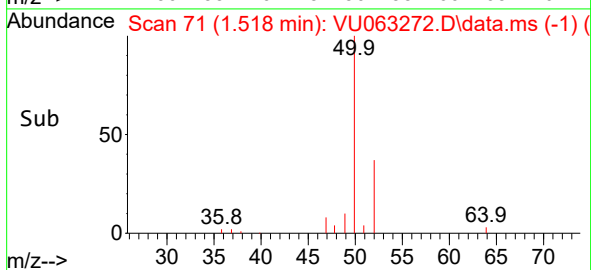
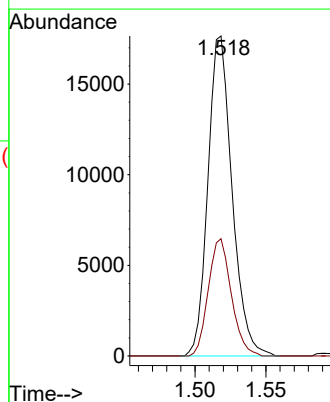
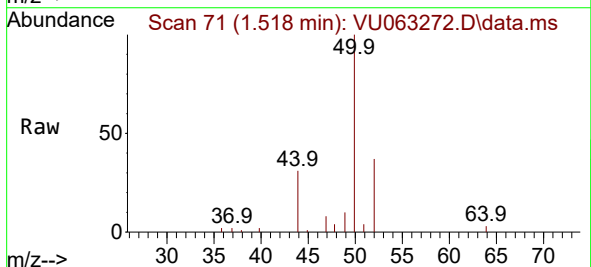
Instrument :
MSVOA_U
ClientSampleId :

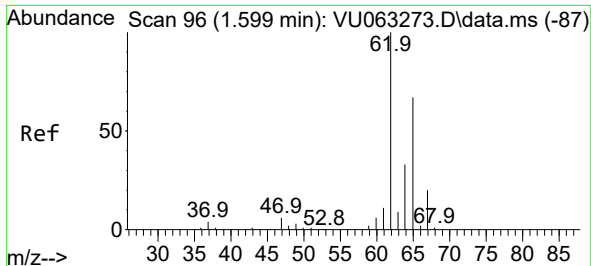
Tgt Ion: 85 Resp: 18505
Ion Ratio Lower Upper
85 100
87 34.3 25.5 38.3



#3
Chloromethane
Concen: 1.13 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU063272.D
Acq: 21 Feb 2025 13:15

Tgt Ion: 50 Resp: 20933
Ion Ratio Lower Upper
50 100
52 36.7 23.5 43.7

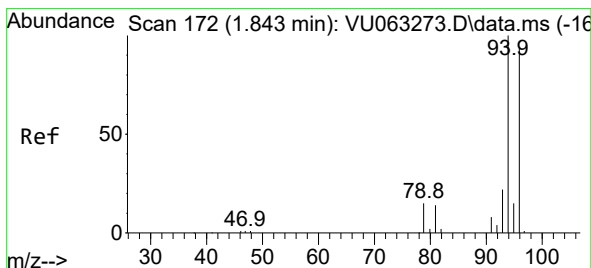
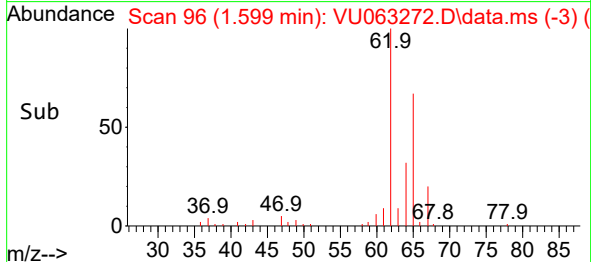
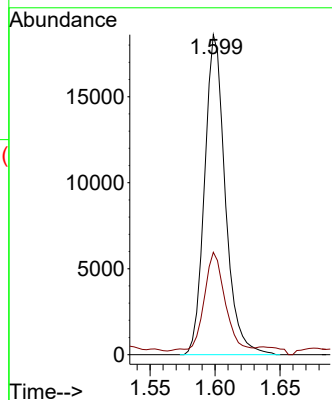
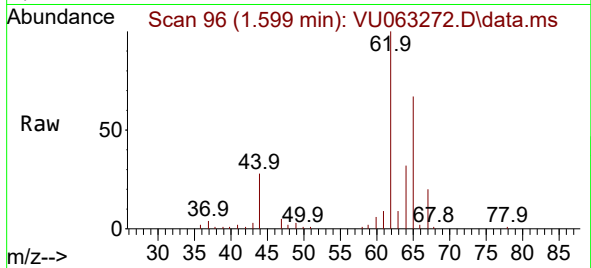




#5
Vinyl chloride
Concen: 1.11 ug/L
RT: 1.599 min Scan# 90
Delta R.T. 0.000 min
Lab File: VU063272.D
Acq: 21 Feb 2025 13:15

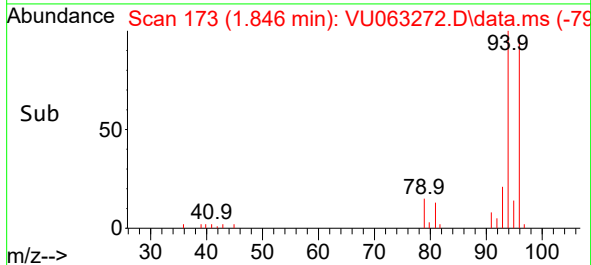
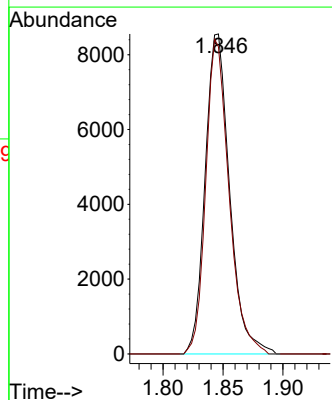
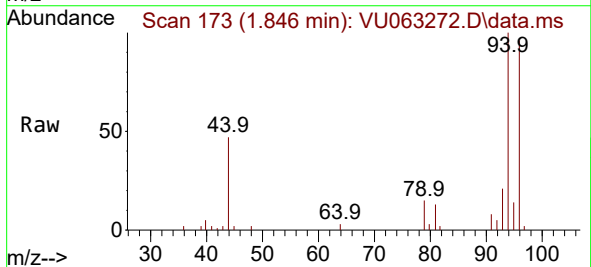
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MSVOA_U
ClientSampleId :

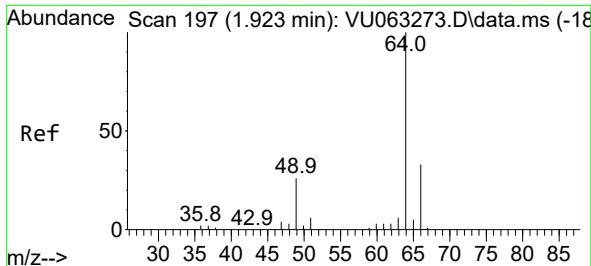
Tgt Ion: 62 Resp: 20645
Ion Ratio Lower Upper
62 100
64 32.0 23.3 43.3



#6
Bromomethane
Concen: 1.26 ug/L
RT: 1.846 min Scan# 173
Delta R.T. 0.003 min
Lab File: VU063272.D
Acq: 21 Feb 2025 13:15

Tgt Ion: 94 Resp: 12154
Ion Ratio Lower Upper
94 100
96 96.0 65.6 121.8

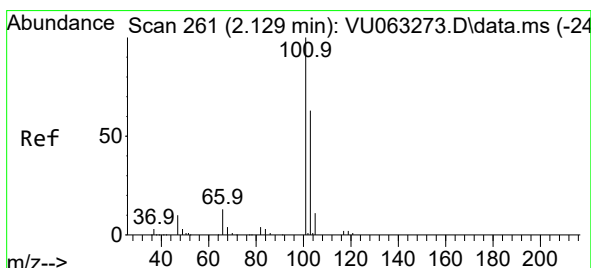
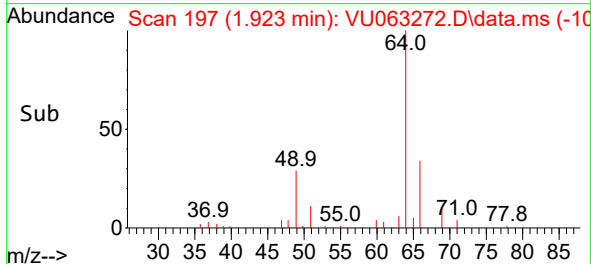
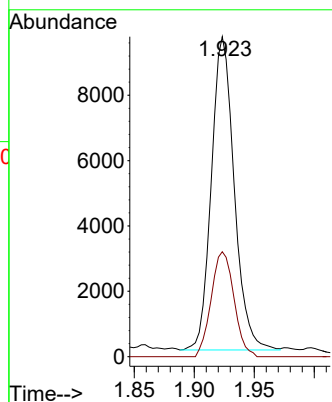
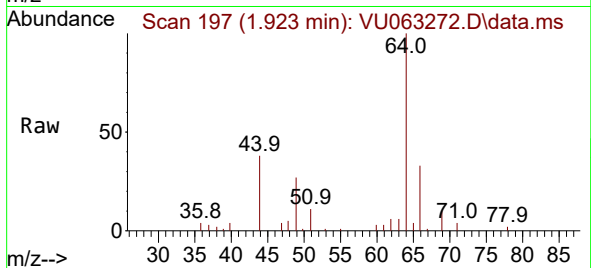




#8
Chloroethane
Concen: 1.13 ug/L
RT: 1.923 min Scan# 197
Delta R.T. 0.000 min
Lab File: VU063272.D
Acq: 21 Feb 2025 13:15

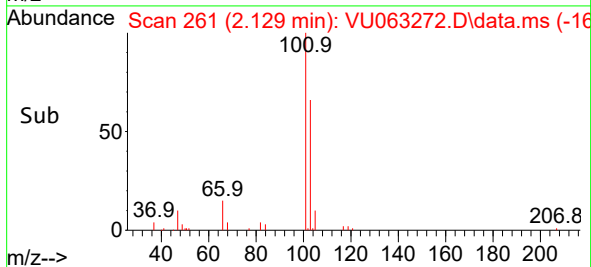
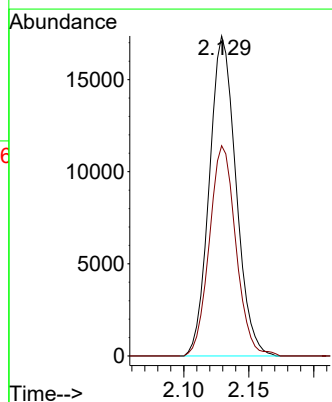
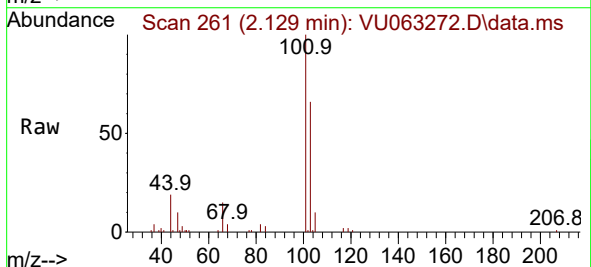
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ClientSampleId :

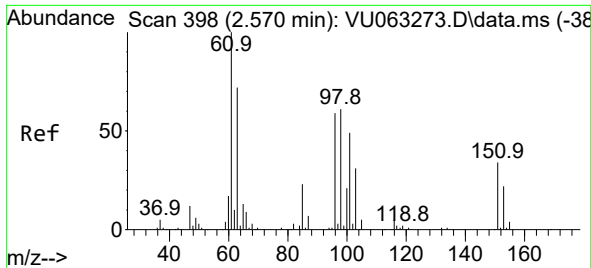
Tgt Ion: 64 Resp: 12688
Ion Ratio Lower Upper
64 100
66 32.8 22.7 42.3



#9
Trichlorofluoromethane
Concen: 1.19 ug/L
RT: 2.129 min Scan# 261
Delta R.T. 0.000 min
Lab File: VU063272.D
Acq: 21 Feb 2025 13:15

Tgt Ion:101 Resp: 24743
Ion Ratio Lower Upper
101 100
103 65.4 50.8 76.2

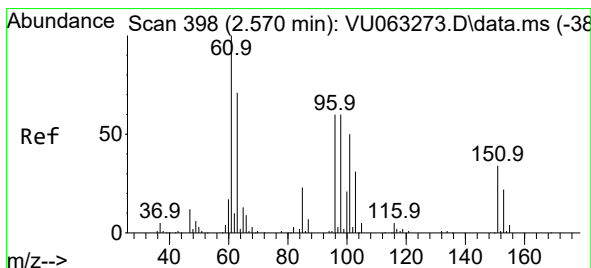
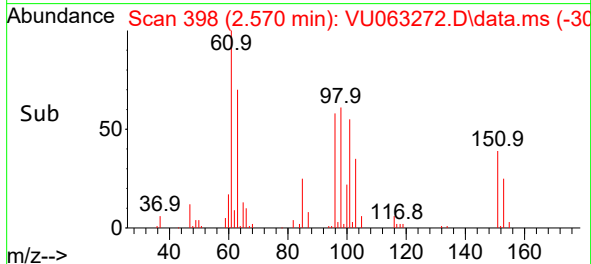
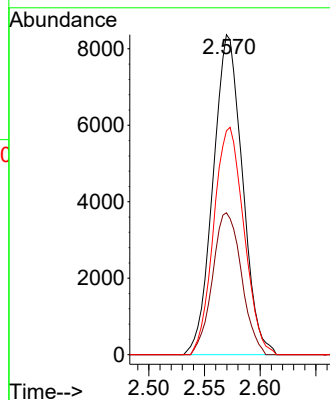
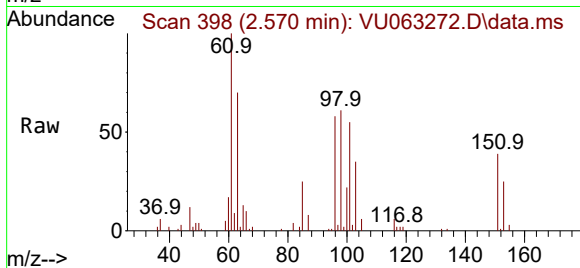




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.20 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. 0.000 min
 Lab File: VU063272.D
 Acq: 21 Feb 2025 13:15

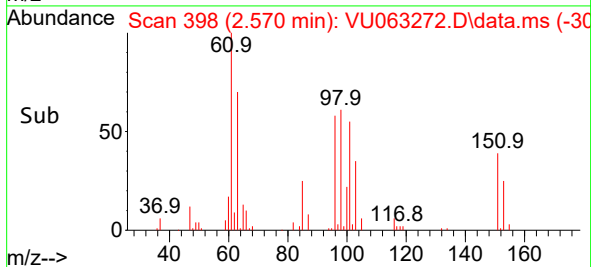
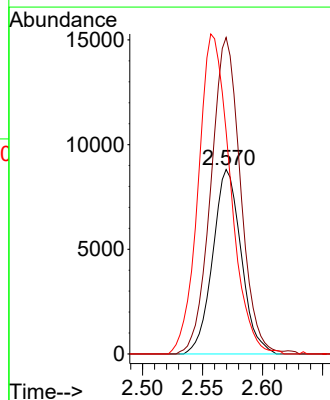
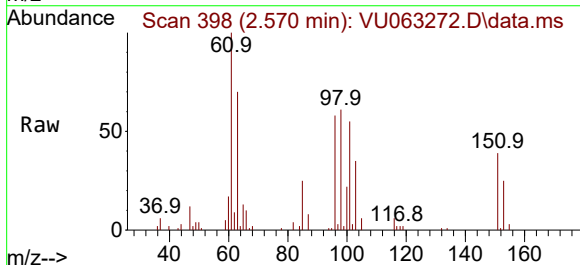
Instrument :
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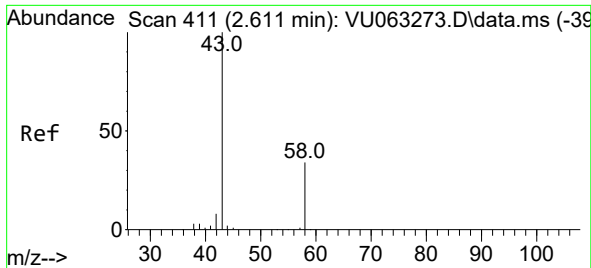
Tgt Ion:101 Resp: 15337
 Ion Ratio Lower Upper
 101 100
 85 43.8 35.8 53.6
 151 73.2 56.4 84.6



#12
 1,1-Dichloroethene
 Concen: 1.15 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. 0.000 min
 Lab File: VU063272.D
 Acq: 21 Feb 2025 13:15

Tgt Ion: 96 Resp: 14510
 Ion Ratio Lower Upper
 96 100
 61 171.6 117.8 218.8
 63 120.7 86.0 159.6





#13

Acetone

Concen: 9.80 ug/L

RT: 2.615 min Scan# 411

Delta R.T. 0.003 min

Lab File: VU063272.D

Acq: 21 Feb 2025 13:15

Instrument :

MSVOA_U

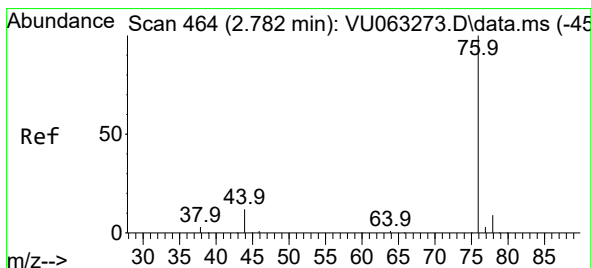
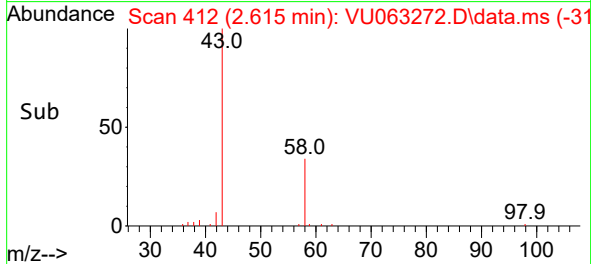
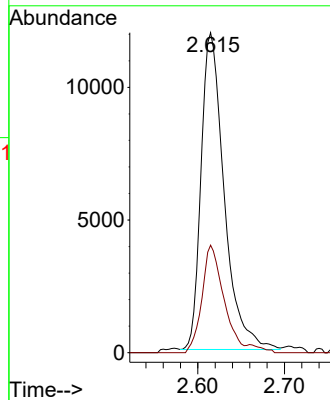
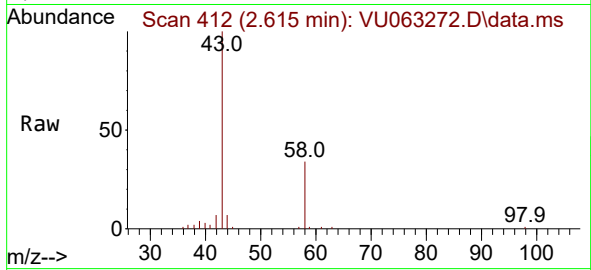
ClientSampleId :

Tgt Ion: 43 Resp: 22132

Ion Ratio Lower Upper

43 100

58 31.8 0.0 66.8



#14

Carbon disulfide

Concen: 1.09 ug/L

RT: 2.782 min Scan# 464

Delta R.T. 0.000 min

Lab File: VU063272.D

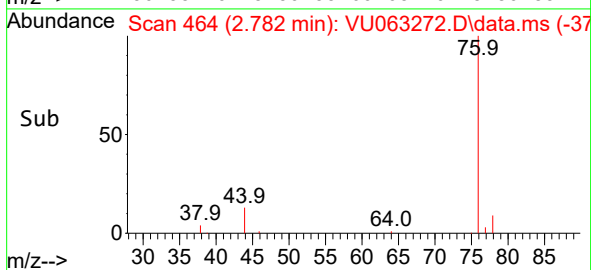
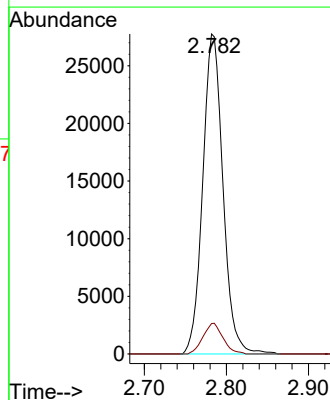
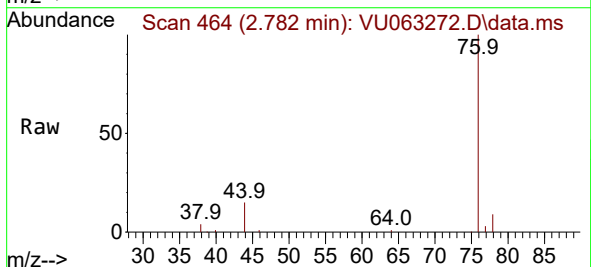
Acq: 21 Feb 2025 13:15

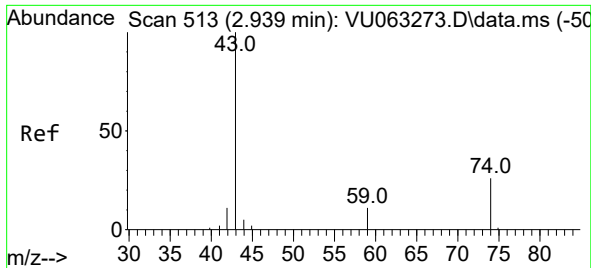
Tgt Ion: 76 Resp: 47537

Ion Ratio Lower Upper

76 100

78 9.5 7.2 10.8

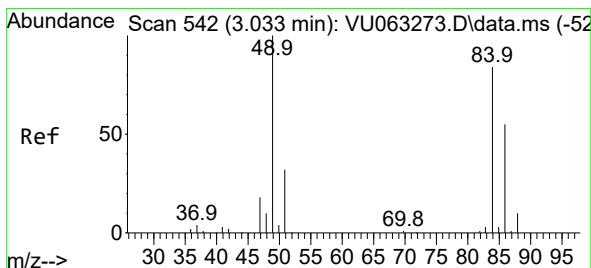
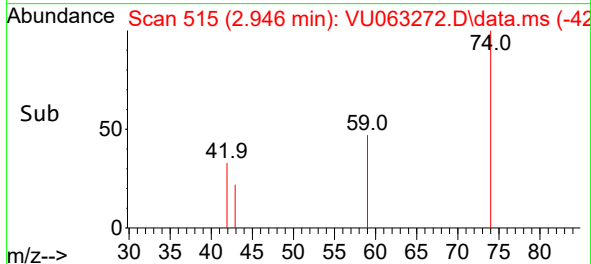
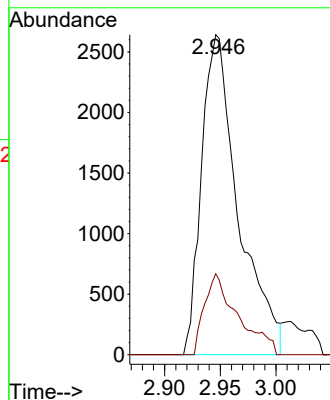
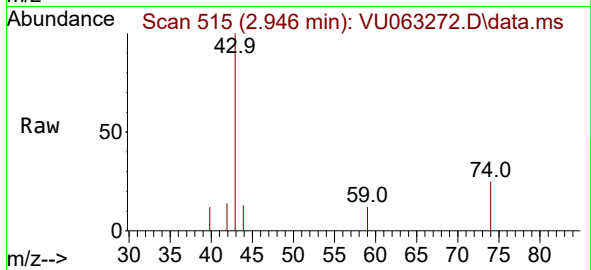




#15
Methyl Acetate
Concen: 1.00 ug/L
RT: 2.946 min Scan# 513
Delta R.T. 0.006 min
Lab File: VU063272.D
Acq: 21 Feb 2025 13:15

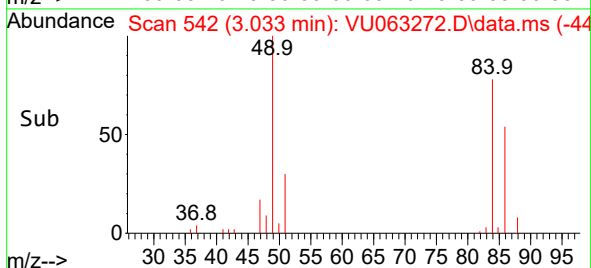
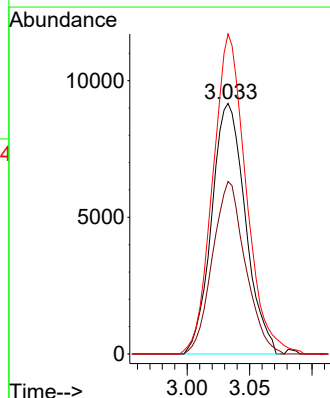
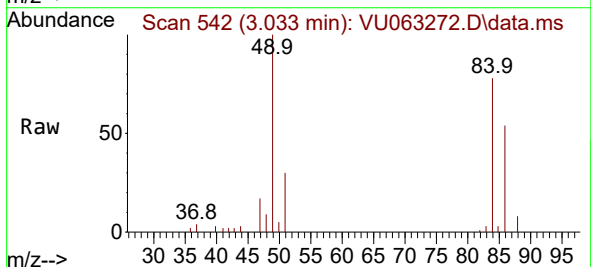
Instrument :
MSVOA_U
ClientSampleId :

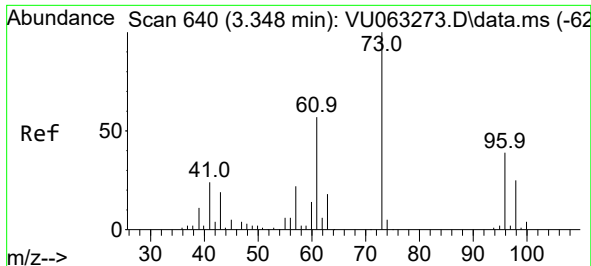
Tgt Ion: 43 Resp: 6063
Ion Ratio Lower Upper
43 100
74 23.0 20.2 30.2



#16
Methylene chloride
Concen: 1.14 ug/L
RT: 3.033 min Scan# 542
Delta R.T. 0.000 min
Lab File: VU063272.D
Acq: 21 Feb 2025 13:15

Tgt Ion: 84 Resp: 17228
Ion Ratio Lower Upper
84 100
86 68.8 45.3 84.1
49 127.7 83.4 154.8





#17

Methyl tert-butyl Ether

Concen: 1.01 ug/L

RT: 3.348 min Scan# 640

Delta R.T. 0.000 min

Lab File: VU063272.D

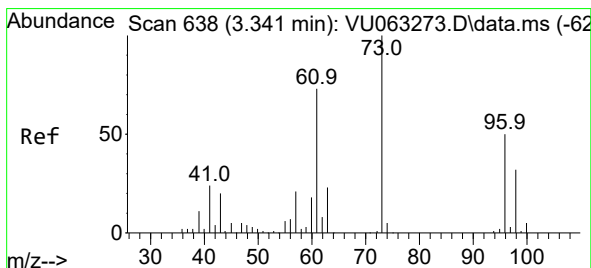
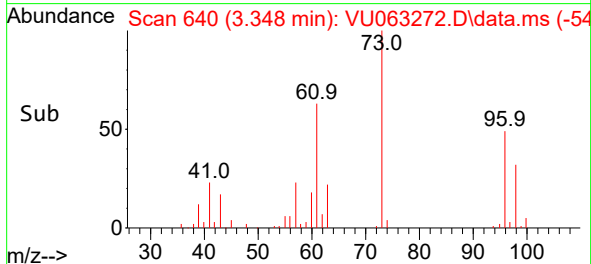
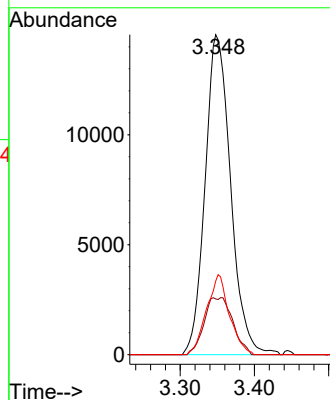
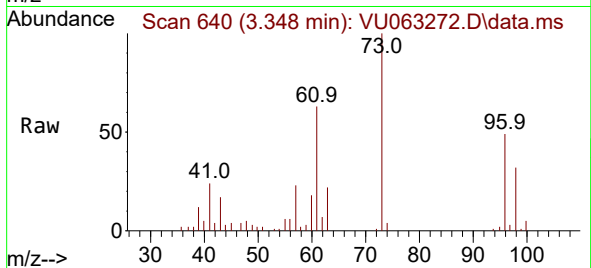
Acq: 21 Feb 2025 13:15

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 73	Resp: 34726
Ion Ratio	Lower Upper
73 100	
43 10.3	15.7 23.5#
57 22.3	17.6 26.4



#18

trans-1,2-Dichloroethene

Concen: 1.11 ug/L

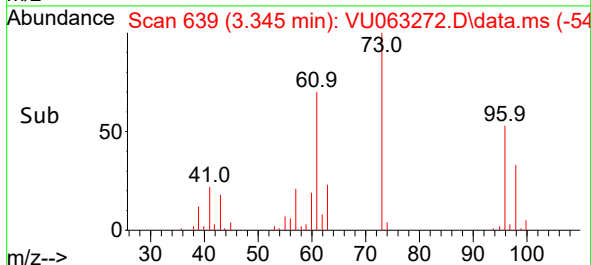
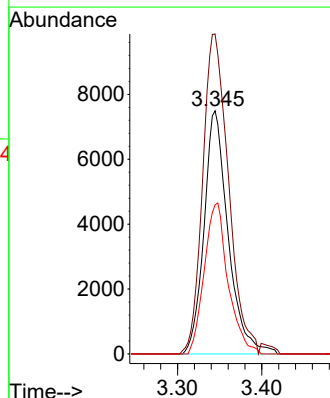
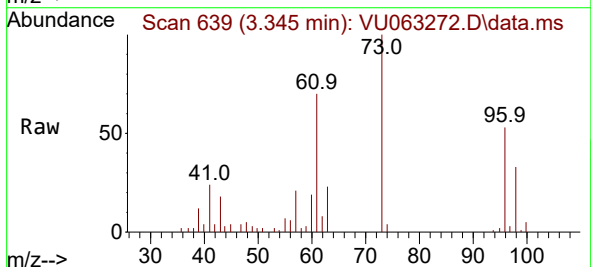
RT: 3.345 min Scan# 639

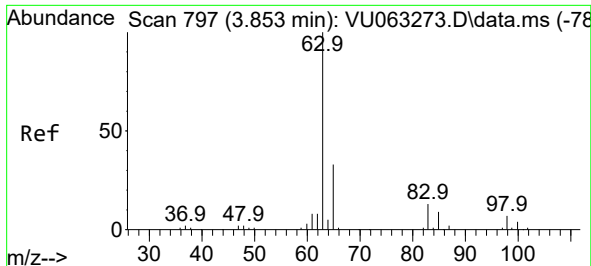
Delta R.T. 0.003 min

Lab File: VU063272.D

Acq: 21 Feb 2025 13:15

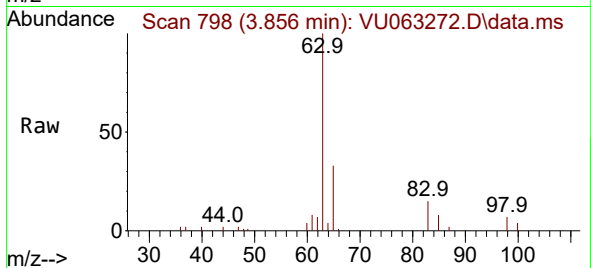
Tgt Ion: 96	Resp: 14935
Ion Ratio	Lower Upper
96 100	
61 131.6	100.7 186.9
98 61.3	44.4 82.5



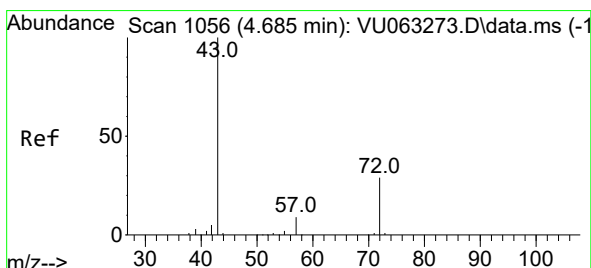
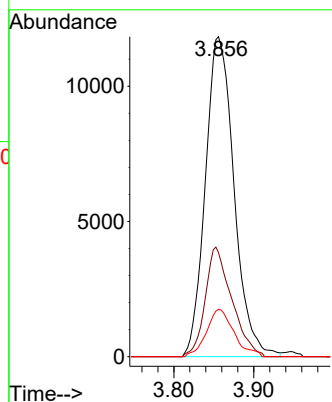
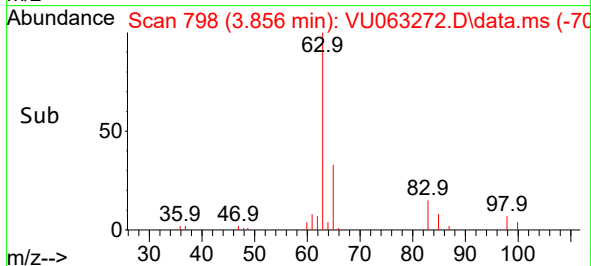


#19
1,1-Dichloroethane
Concen: 1.09 ug/L
RT: 3.856 min Scan# 797
Delta R.T. 0.003 min
Lab File: VU063272.D
Acq: 21 Feb 2025 13:15

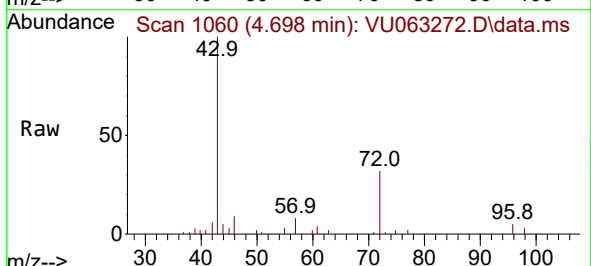
Instrument :
MSVOA_U
ClientSampleId :



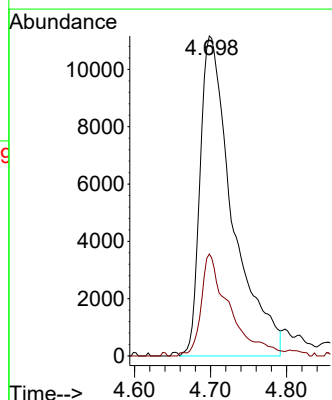
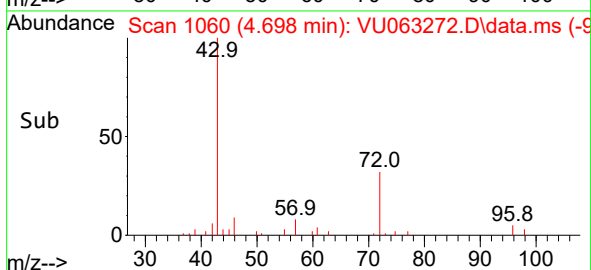
Tgt Ion: 63 Resp: 29550
Ion Ratio Lower Upper
63 100
65 32.5 22.8 42.4
83 14.8 9.3 17.3

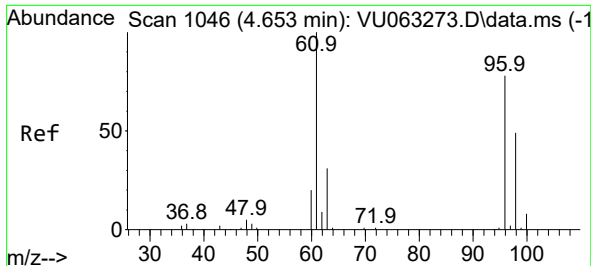


#21
2-Butanone
Concen: 8.96 ug/L
RT: 4.698 min Scan# 1060
Delta R.T. 0.013 min
Lab File: VU063272.D
Acq: 21 Feb 2025 13:15



Tgt Ion: 43 Resp: 33151
Ion Ratio Lower Upper
43 100
72 28.0 14.5 43.5





#22

cis-1,2-Dichloroethene

Concen: 1.10 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.006 min

Lab File: VU063272.D

Acq: 21 Feb 2025 13:15

Instrument :

MSVOA_U

ClientSampleId :

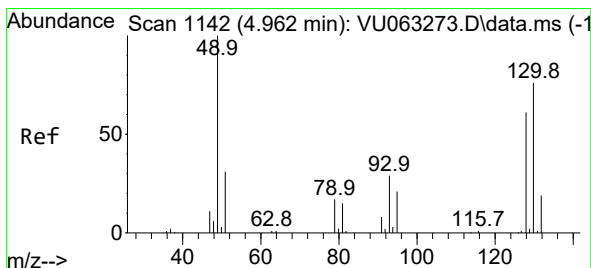
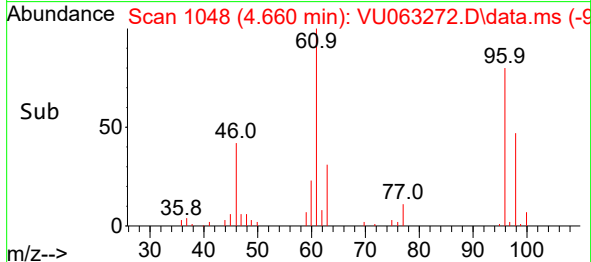
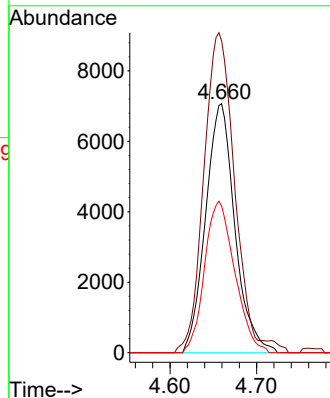
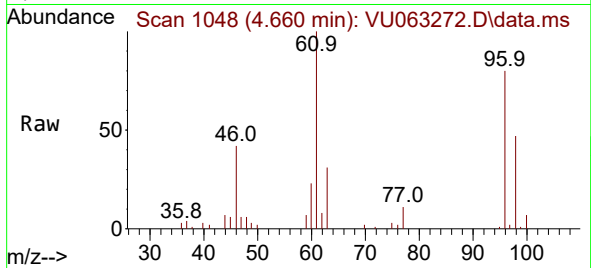
Tgt Ion: 96 Resp: 16611

Ion Ratio Lower Upper

96 100

61 125.2 89.9 167.0

98 59.0 43.8 81.4



#23

Bromochloromethane

Concen: 1.08 ug/L

RT: 4.965 min Scan# 1143

Delta R.T. 0.003 min

Lab File: VU063272.D

Acq: 21 Feb 2025 13:15

Tgt Ion:128 Resp: 7310

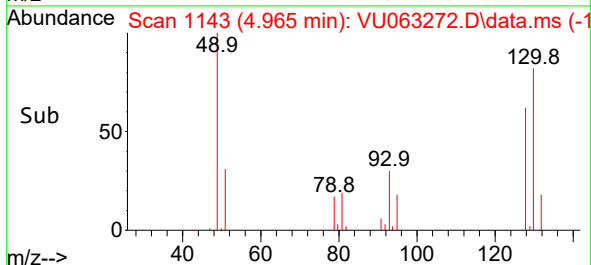
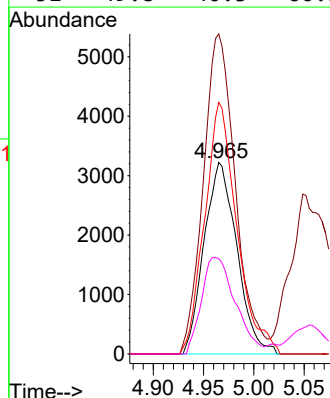
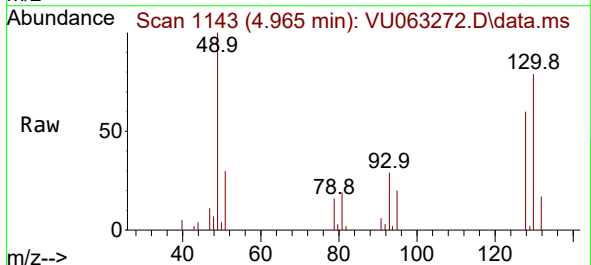
Ion Ratio Lower Upper

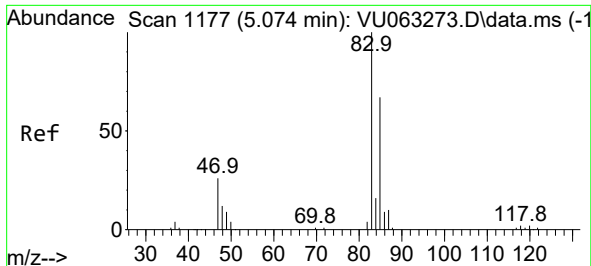
128 100

49 167.1 115.1 213.8

130 131.4 87.6 162.8

51 49.8 40.3 60.5





#25

Chloroform

Concen: 1.12 ug/L

RT: 5.074 min Scan# 1177

Delta R.T. 0.000 min

Lab File: VU063272.D

Acq: 21 Feb 2025 13:15

Instrument :

MSVOA_U

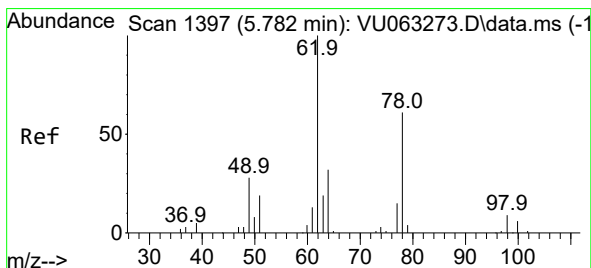
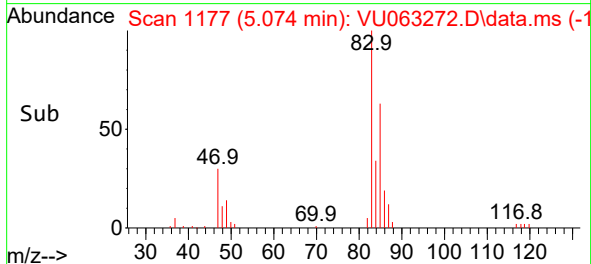
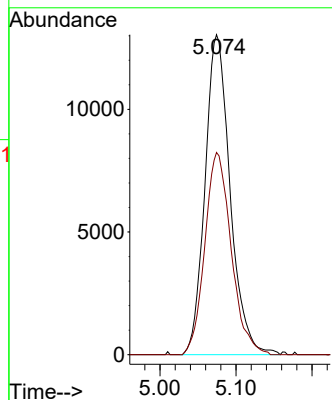
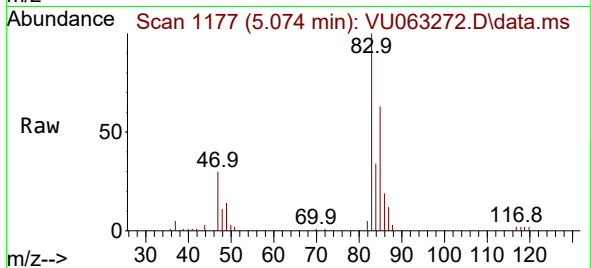
ClientSampleId :

Tgt Ion: 83 Resp: 29953

Ion Ratio Lower Upper

83 100

85 63.2 46.8 86.8



#27

1,2-Dichloroethane

Concen: 1.12 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.003 min

Lab File: VU063272.D

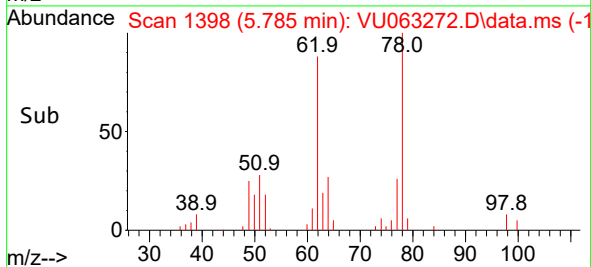
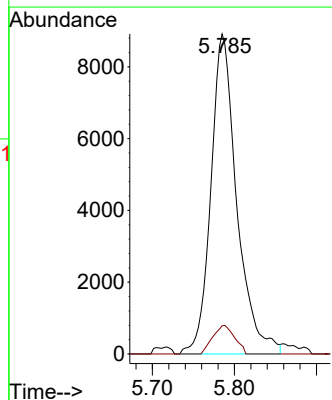
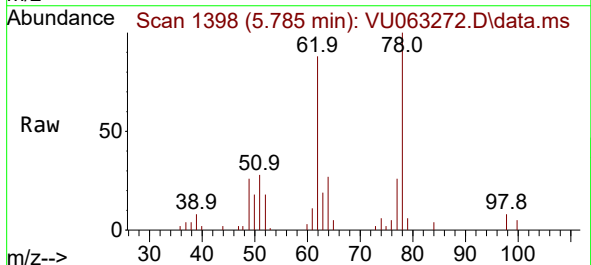
Acq: 21 Feb 2025 13:15

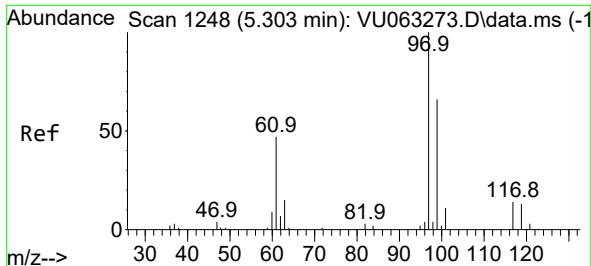
Tgt Ion: 62 Resp: 19632

Ion Ratio Lower Upper

62 100

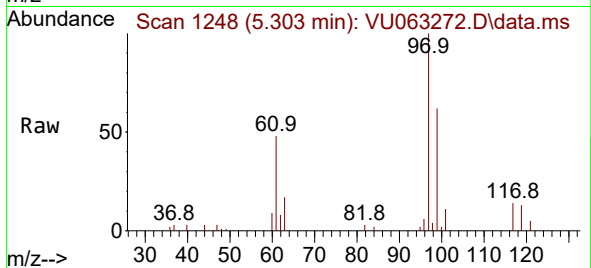
98 8.8 7.2 10.8



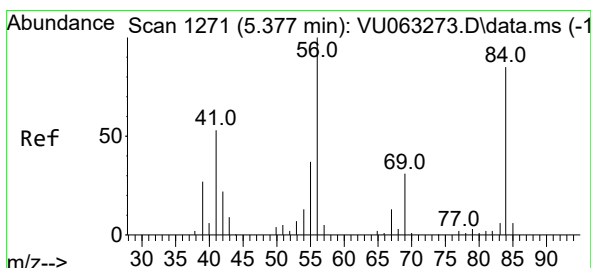
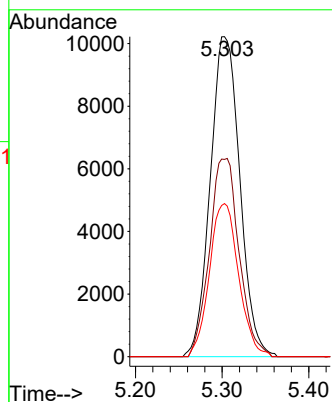
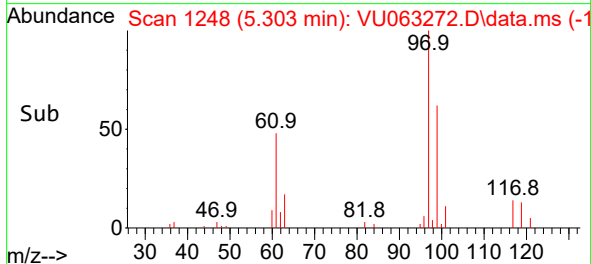


#29
1,1,1-Trichloroethane
Concen: 1.12 ug/L
RT: 5.303 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU063272.D
Acq: 21 Feb 2025 13:15

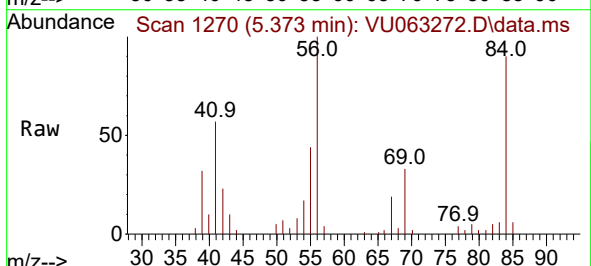
Instrument :
MSVOA_U
ClientSampleId :



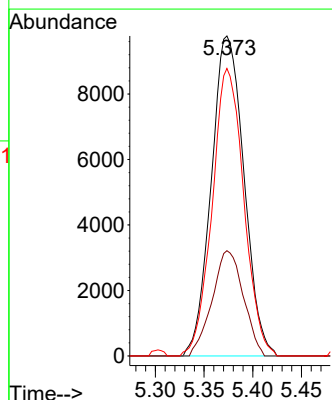
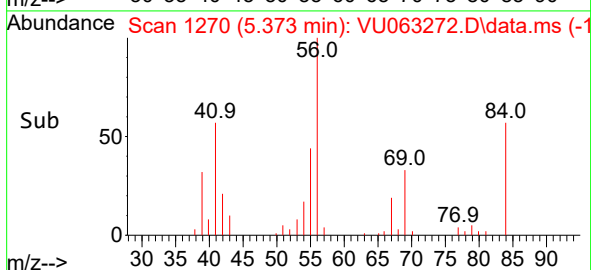
Tgt Ion: 97 Resp: 24265
Ion Ratio Lower Upper
97 100
99 62.1 52.0 78.0
61 47.3 38.0 57.0

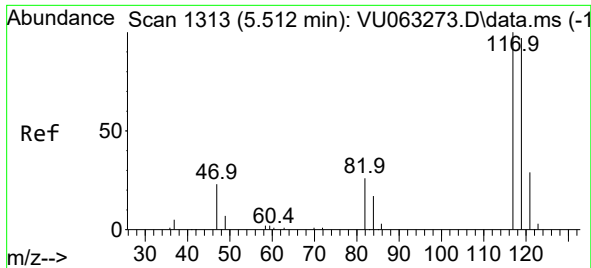


#30
Cyclohexane
Concen: 1.02 ug/L
RT: 5.373 min Scan# 1270
Delta R.T. -0.003 min
Lab File: VU063272.D
Acq: 21 Feb 2025 13:15



Tgt Ion: 56 Resp: 22848
Ion Ratio Lower Upper
56 100
69 31.3 25.1 37.7
84 86.6 68.1 102.1

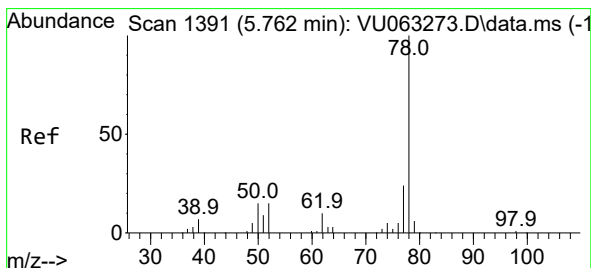
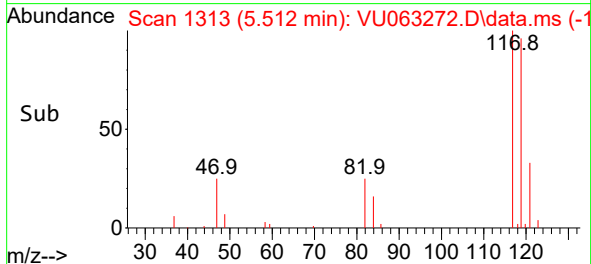
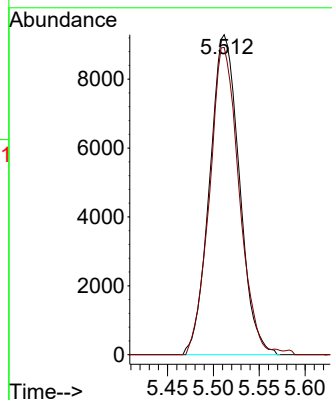
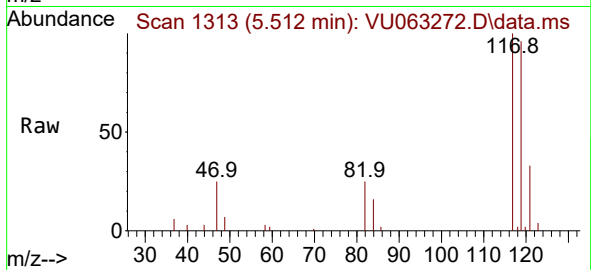




#31
Carbon tetrachloride
Concen: 1.15 ug/L
RT: 5.512 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU063272.D
Acq: 21 Feb 2025 13:15

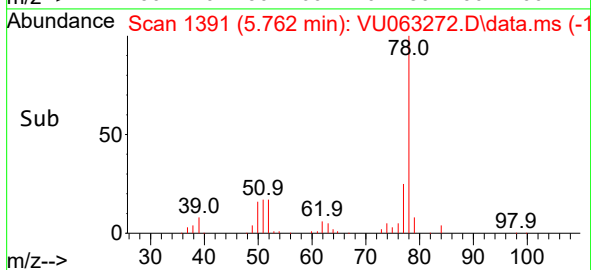
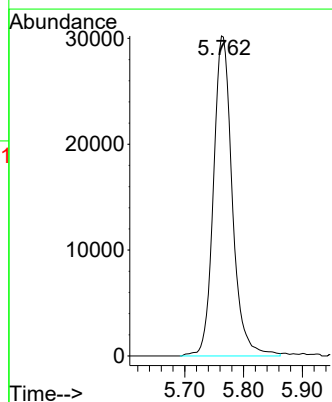
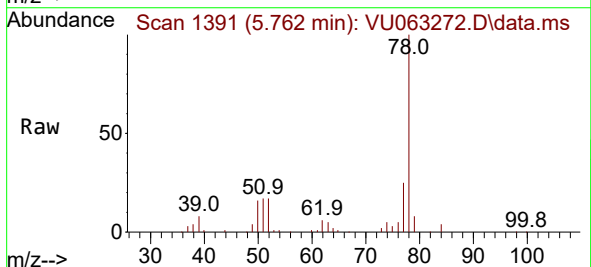
Instrument :
MSVOA_U
ClientSampleId :

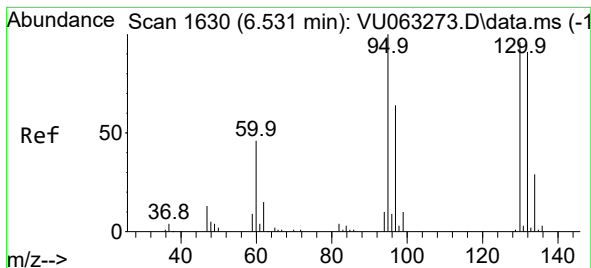
Tgt Ion:117 Resp: 20919
Ion Ratio Lower Upper
117 100
119 95.7 76.7 115.1



#33
Benzene
Concen: 1.11 ug/L
RT: 5.762 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VU063272.D
Acq: 21 Feb 2025 13:15

Tgt Ion: 78 Resp: 67192





#34

Trichloroethene

Concen: 1.11 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063272.D

Acq: 21 Feb 2025 13:15

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 16875

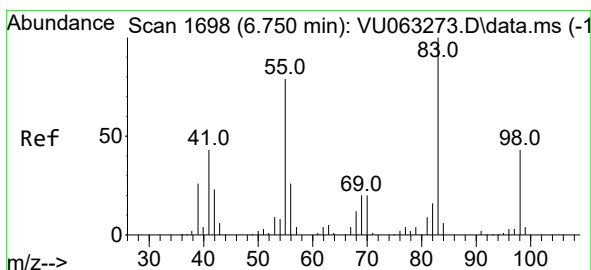
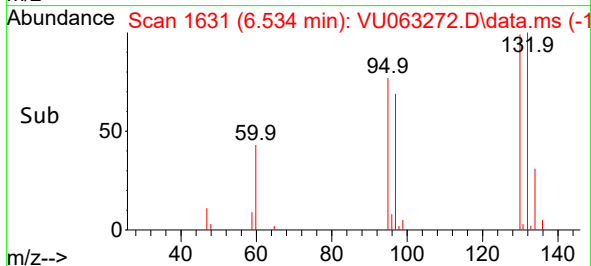
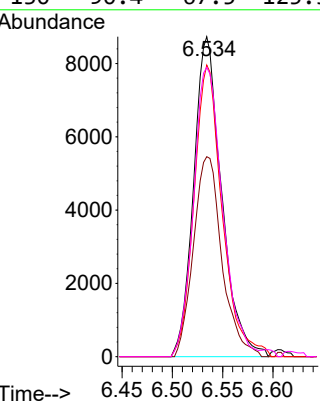
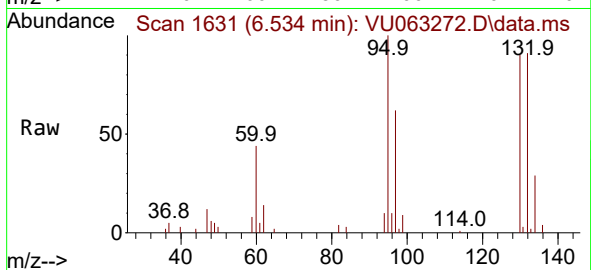
Ion Ratio Lower Upper

95 100

97 62.5 45.0 83.6

132 91.2 64.0 119.0

130 90.4 67.5 125.3



#35

Methylcyclohexane

Concen: 1.03 ug/L

RT: 6.750 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VU063272.D

Acq: 21 Feb 2025 13:15

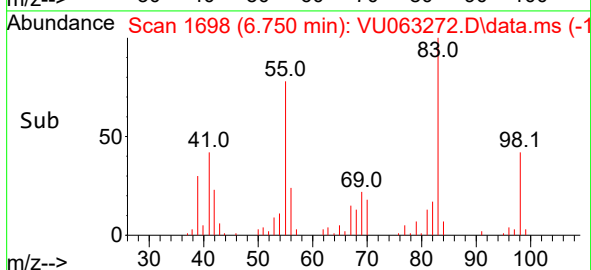
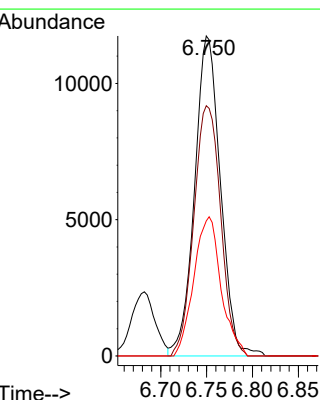
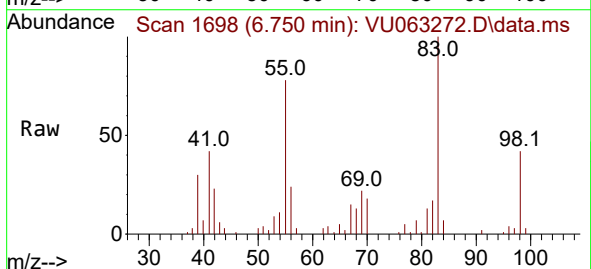
Tgt Ion: 83 Resp: 23011

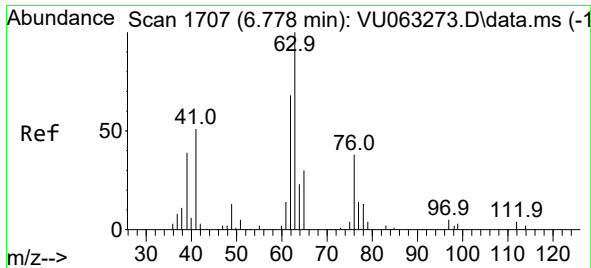
Ion Ratio Lower Upper

83 100

55 81.2 62.7 94.1

98 45.8 34.3 51.5

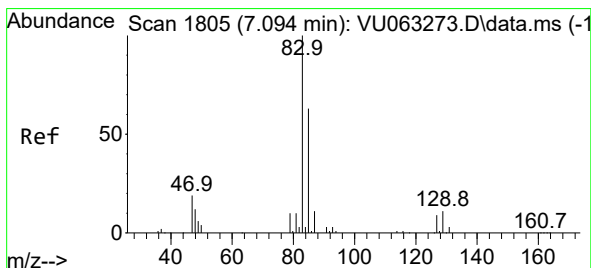
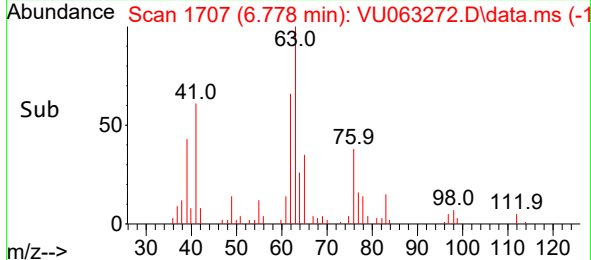
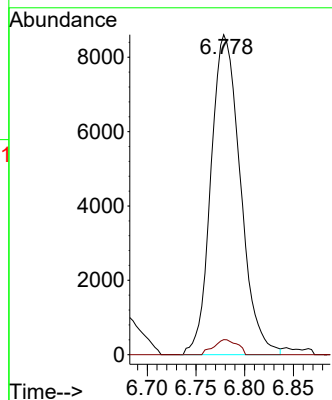
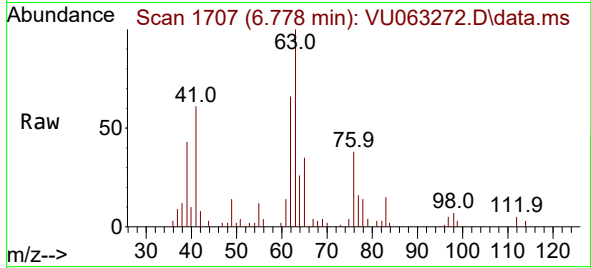




#37
1,2-Dichloropropane
Concen: 1.13 ug/L
RT: 6.778 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU063272.D
Acq: 21 Feb 2025 13:15

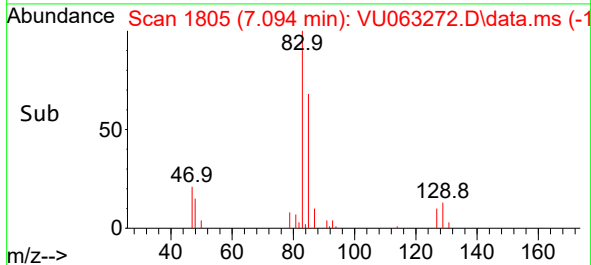
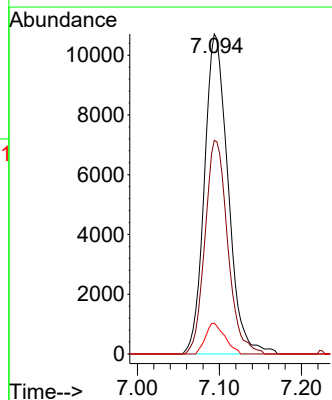
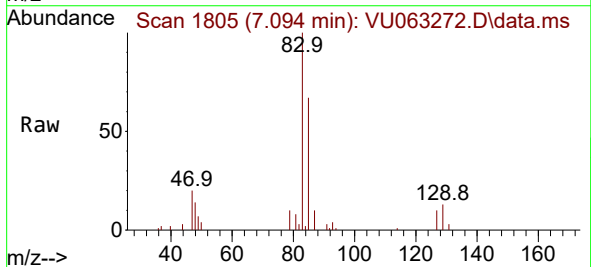
Instrument :
MSVOA_U
ClientSampleId :

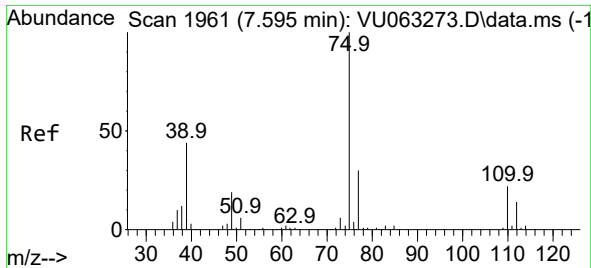
Tgt Ion: 63 Resp: 18147
Ion Ratio Lower Upper
63 100
112 3.7 3.0 4.4



#38
Bromodichloromethane
Concen: 1.11 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VU063272.D
Acq: 21 Feb 2025 13:15

Tgt Ion: 83 Resp: 21424
Ion Ratio Lower Upper
83 100
85 66.7 44.3 82.3
127 9.6 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 0.98 ug/L

RT: 7.598 min Scan# 1961

Delta R.T. 0.003 min

Lab File: VU063272.D

Acq: 21 Feb 2025 13:15

Instrument :

MSVOA_U

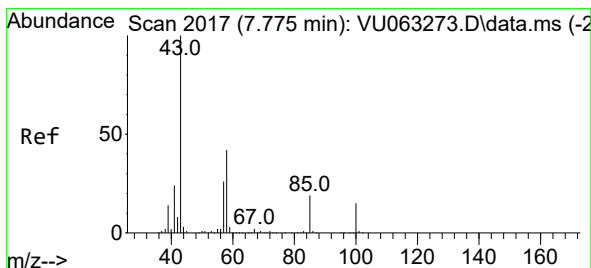
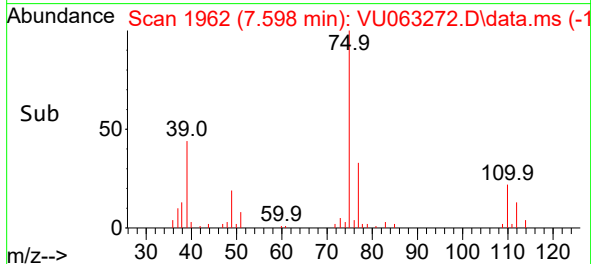
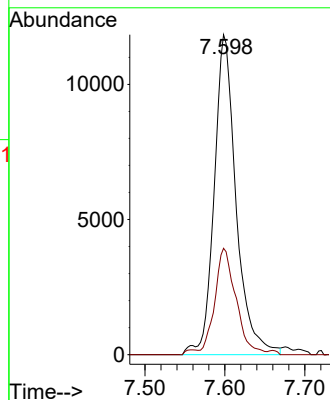
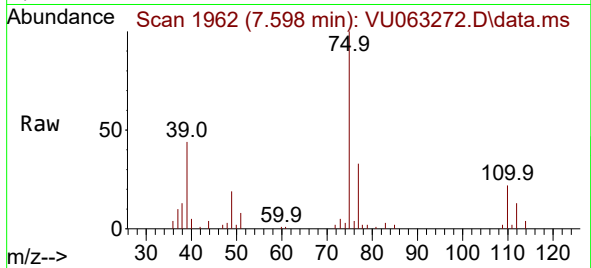
ClientSampleId :

Tgt Ion: 75 Resp: 22520

Ion Ratio Lower Upper

75 100

77 33.3 21.3 39.6



#40

4-Methyl-2-pentanone

Concen: 9.03 ug/L

RT: 7.778 min Scan# 2018

Delta R.T. 0.003 min

Lab File: VU063272.D

Acq: 21 Feb 2025 13:15

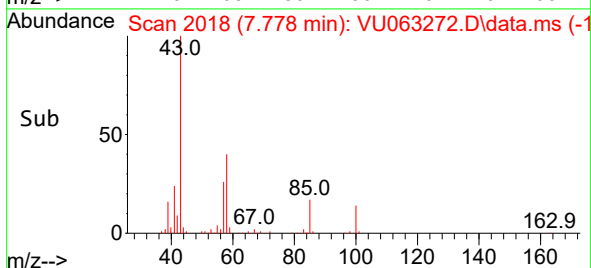
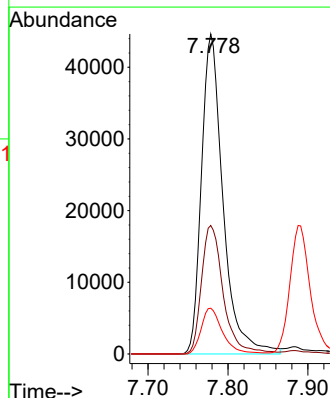
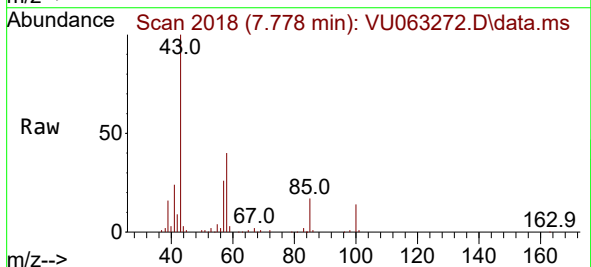
Tgt Ion: 43 Resp: 83874

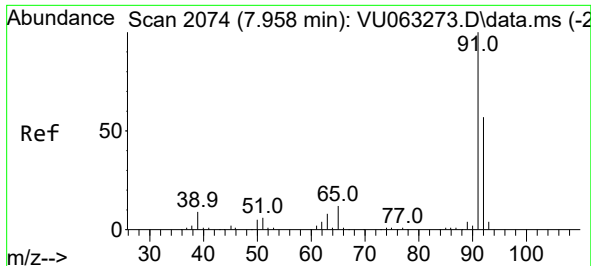
Ion Ratio Lower Upper

43 100

58 40.6 33.1 49.7

100 14.2 11.9 17.9





#42

Toluene

Concen: 1.05 ug/L

RT: 7.962 min Scan# 2074

Delta R.T. 0.003 min

Lab File: VU063272.D

Acq: 21 Feb 2025 13:15

Instrument :

MSVOA_U

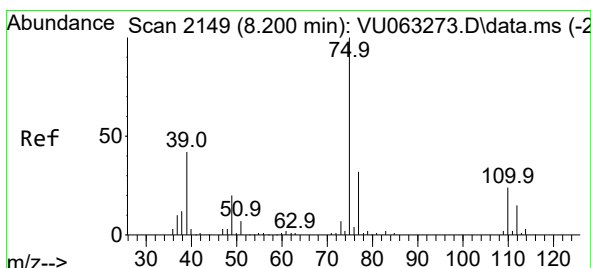
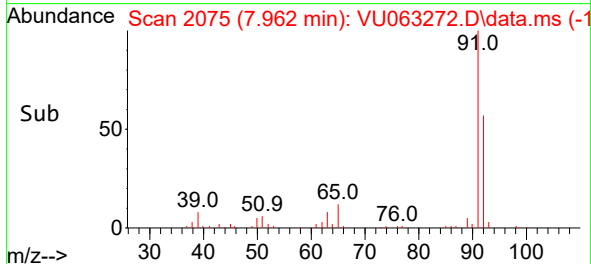
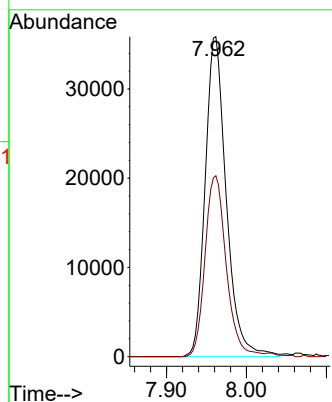
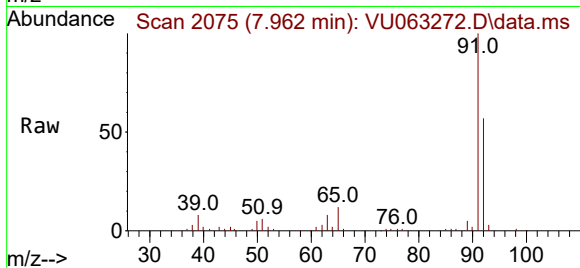
ClientSampleId :

Tgt Ion: 91 Resp: 65728

Ion Ratio Lower Upper

91 100

92 56.5 39.9 74.1



#44

trans-1,3-Dichloropropene

Concen: 0.99 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.003 min

Lab File: VU063272.D

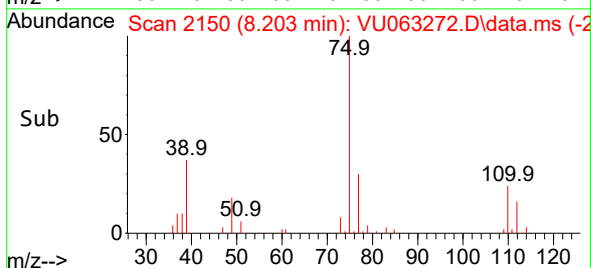
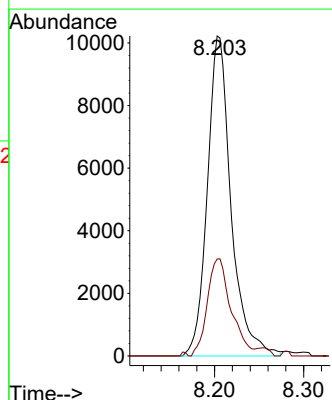
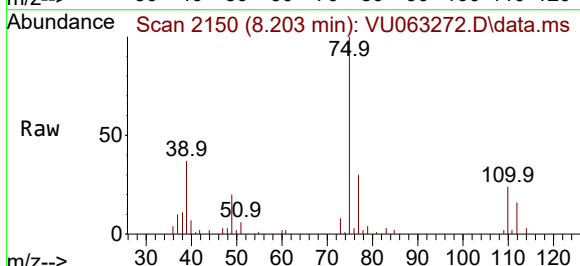
Acq: 21 Feb 2025 13:15

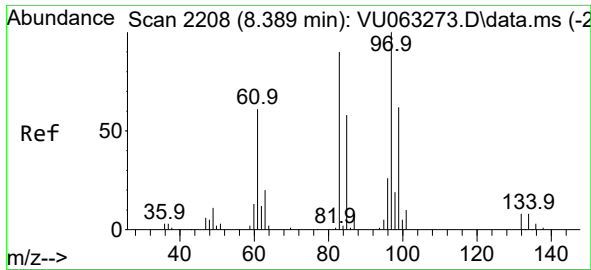
Tgt Ion: 75 Resp: 18874

Ion Ratio Lower Upper

75 100

77 30.3 22.1 41.1

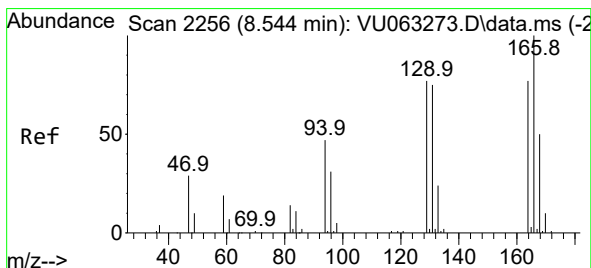
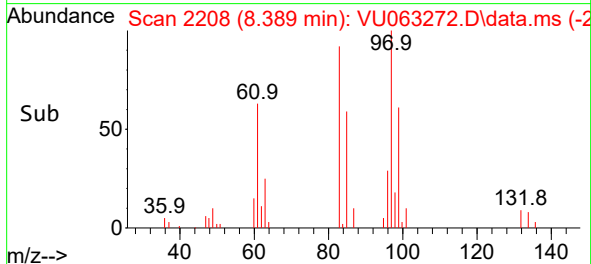
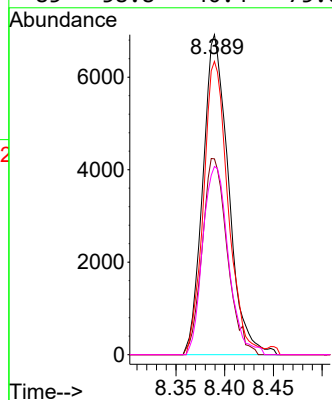
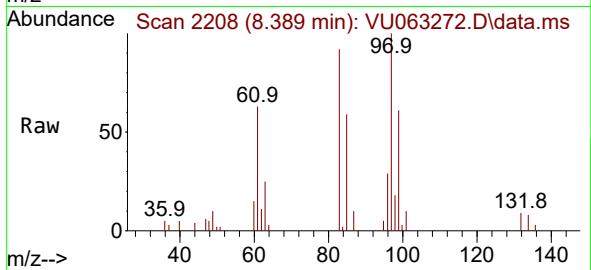




#45
1,1,2-Trichloroethane
Concen: 1.08 ug/L
RT: 8.389 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063272.D
Acq: 21 Feb 2025 13:15

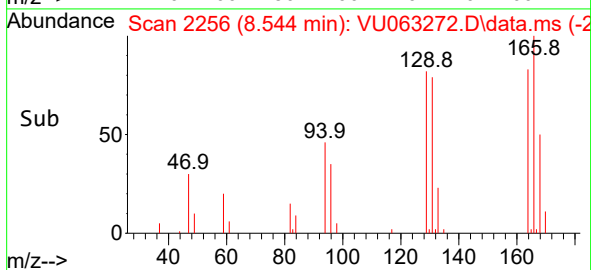
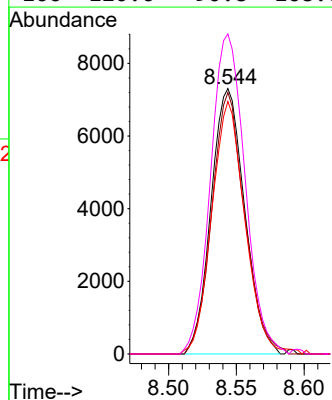
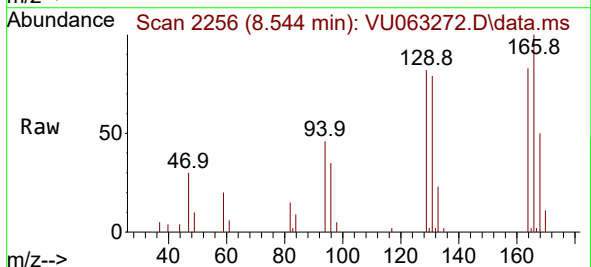
Instrument :
MSVOA_U
ClientSampleId :

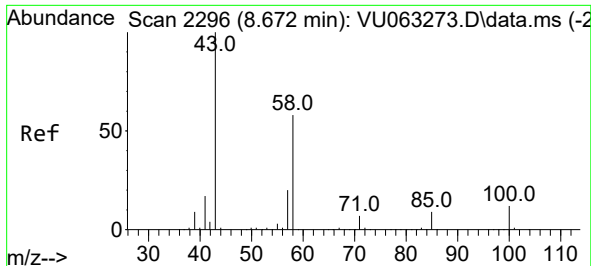
Tgt Ion: 97	Resp: 12679
Ion Ratio	Lower Upper
97 100	
99 61.2	43.2 80.2
83 91.7	63.0 117.0
85 58.8	40.4 75.0



#47
Tetrachloroethene
Concen: 1.18 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU063272.D
Acq: 21 Feb 2025 13:15

Tgt	Ion:164	Resp:	12614
Ion	Ratio	Lower	Upper
164	100		
129	98.5	69.6	129.2
131	95.1	67.9	126.1
166	120.6	90.8	168.6

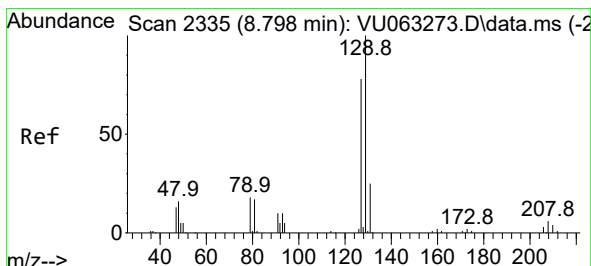
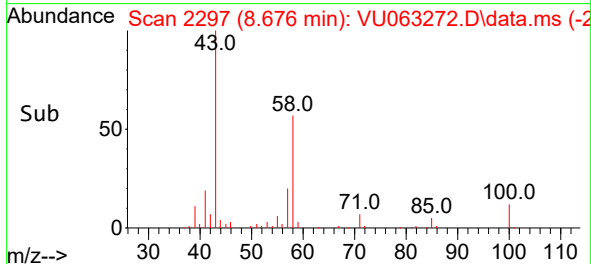
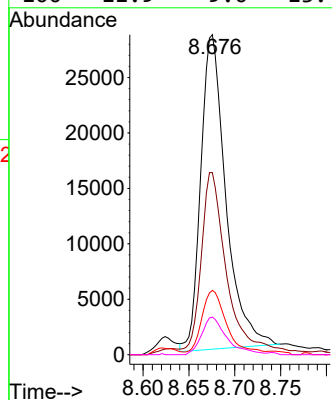
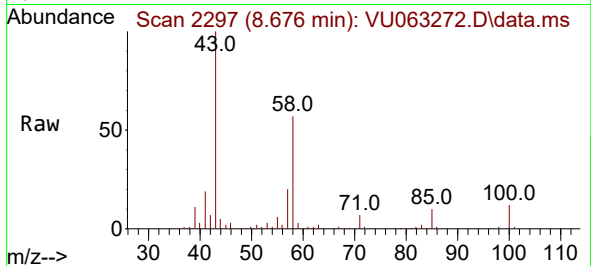




#48
2-Hexanone
Concen: 8.28 ug/L
RT: 8.676 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063272.D
Acq: 21 Feb 2025 13:15

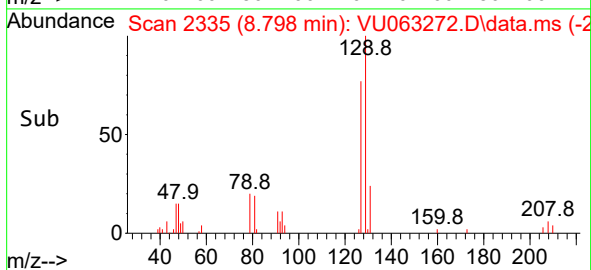
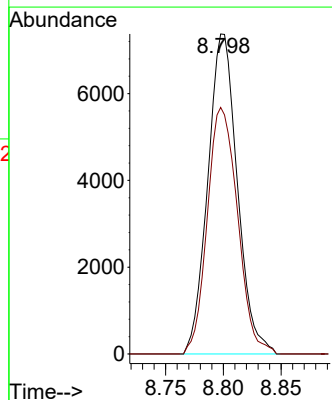
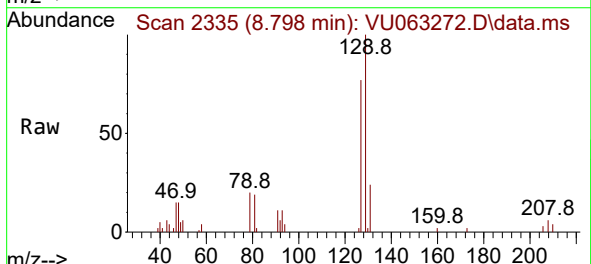
Instrument :
MSVOA_U
ClientSampleId :

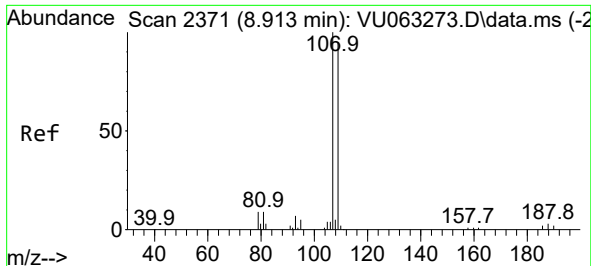
Tgt Ion: 43 Resp: 54024
Ion Ratio Lower Upper
43 100
58 57.8 45.8 68.8
57 18.9 15.5 23.3
100 11.9 9.0 13.4



#49
Dibromochloromethane
Concen: 1.06 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. 0.000 min
Lab File: VU063272.D
Acq: 21 Feb 2025 13:15

Tgt Ion: 129 Resp: 13133
Ion Ratio Lower Upper
129 100
127 77.0 54.9 102.1





#50

1,2-Dibromoethane

Concen: 1.02 ug/L

RT: 8.913 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU063272.D

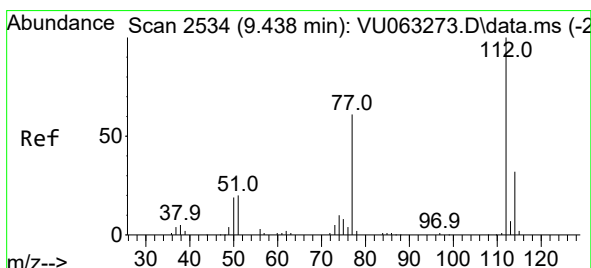
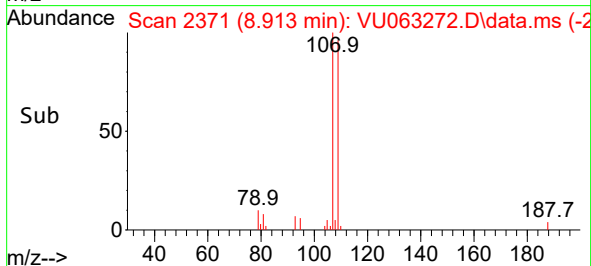
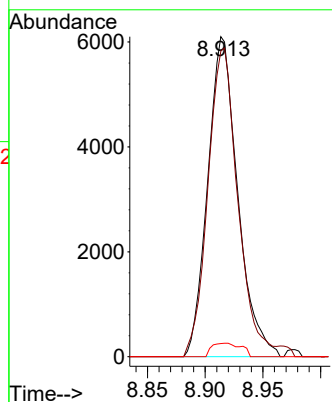
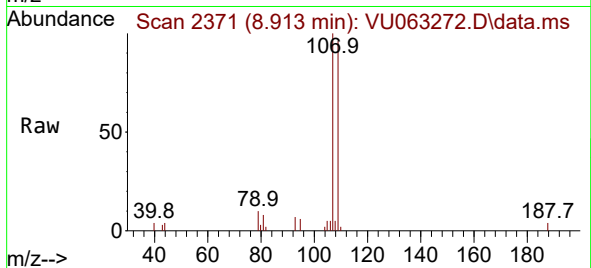
Acq: 21 Feb 2025 13:15

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:107	Resp:	11011
Ion Ratio	Lower	Upper
107	100	
109	95.5	66.6 123.6
188	4.1	2.6 4.0#



#51

Chlorobenzene

Concen: 1.11 ug/L

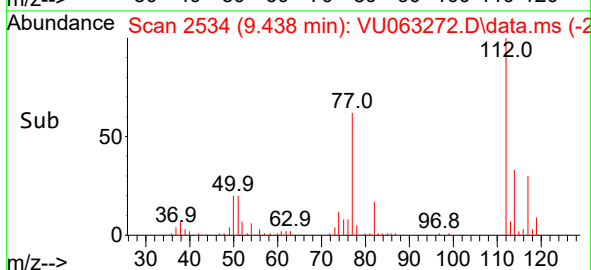
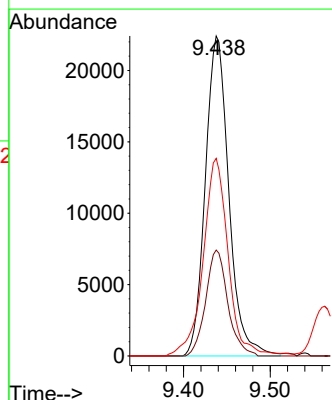
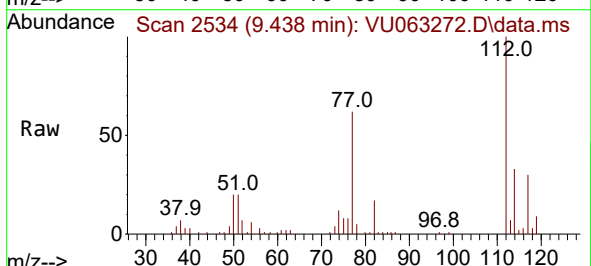
RT: 9.438 min Scan# 2534

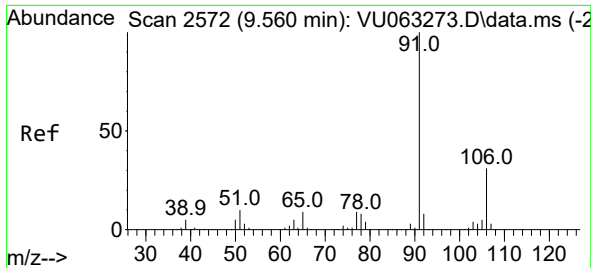
Delta R.T. 0.000 min

Lab File: VU063272.D

Acq: 21 Feb 2025 13:15

Tgt Ion:112	Resp:	42260
Ion Ratio	Lower	Upper
112	100	
114	33.1	22.2 41.2
77	61.7	49.2 73.8

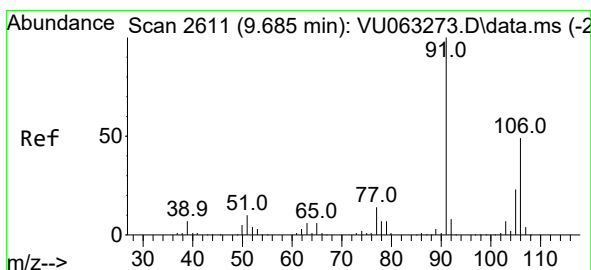
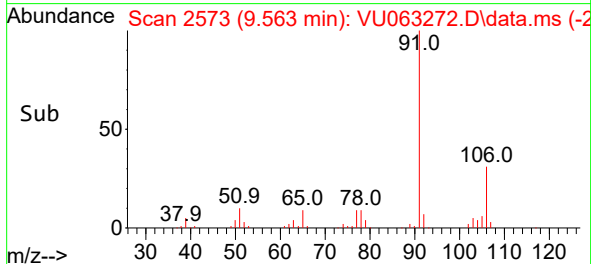
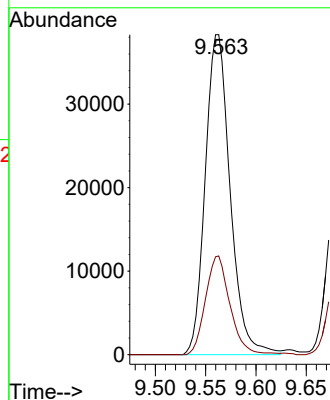
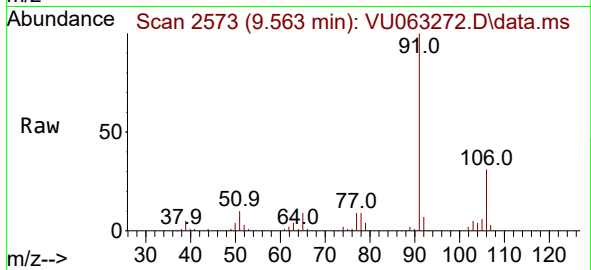




#52
Ethylbenzene
Concen: 1.01 ug/L
RT: 9.563 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063272.D
Acq: 21 Feb 2025 13:15

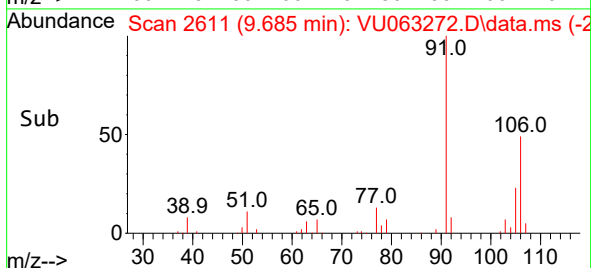
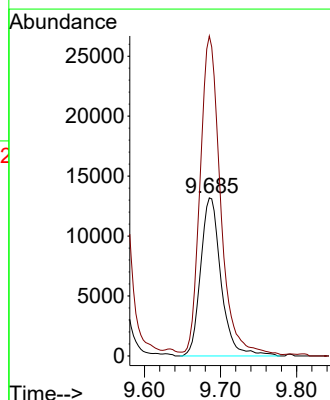
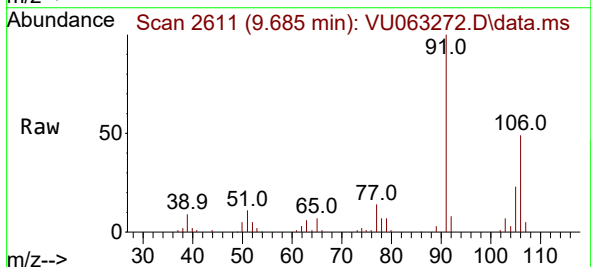
Instrument :
MSVOA_U
ClientSampleId :

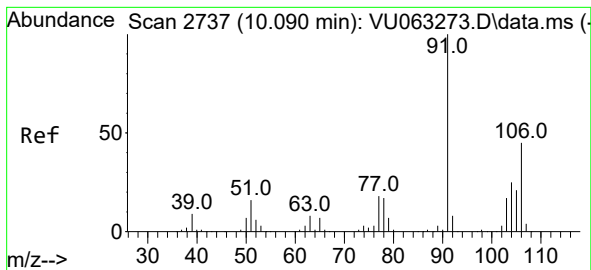
Tgt Ion: 91 Resp: 66049
Ion Ratio Lower Upper
91 100
106 30.8 21.9 40.7



#53
m,p-Xylene
Concen: 1.04 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU063272.D
Acq: 21 Feb 2025 13:15

Tgt Ion: 106 Resp: 24635
Ion Ratio Lower Upper
106 100
91 202.3 143.3 266.1





#54

o-Xylene

Concen: 0.97 ug/L

RT: 10.090 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU063272.D

Acq: 21 Feb 2025 13:15

Instrument :

MSVOA_U

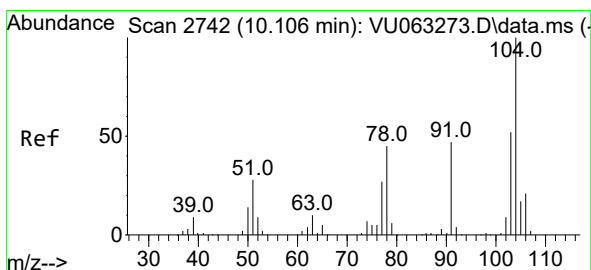
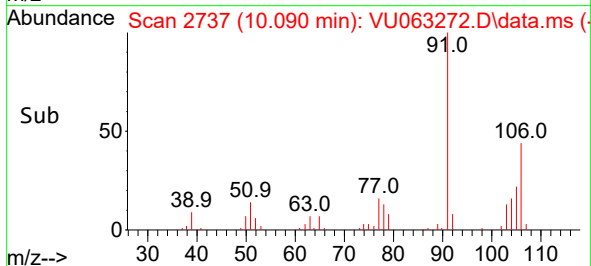
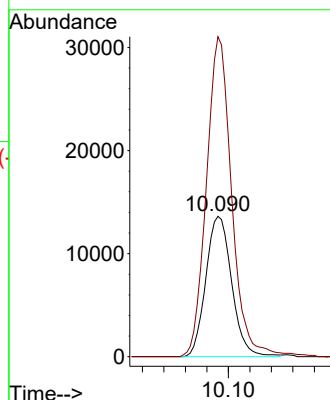
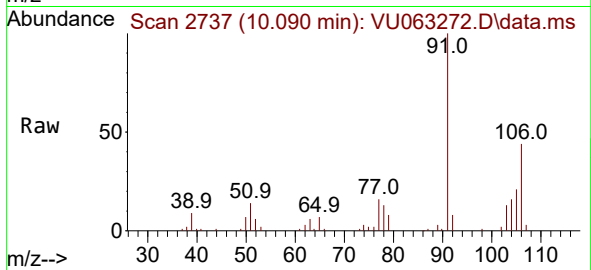
ClientSampleId :

Tgt Ion:106 Resp: 22726

Ion Ratio Lower Upper

106 100

91 227.9 155.5 288.9



#55

Styrene

Concen: 0.94 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. 0.000 min

Lab File: VU063272.D

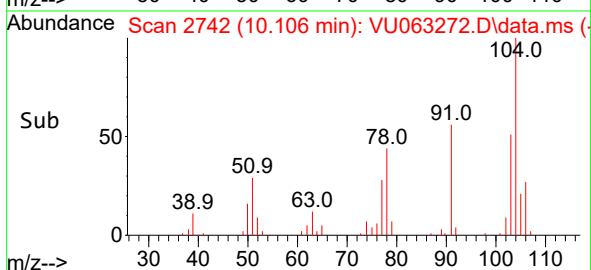
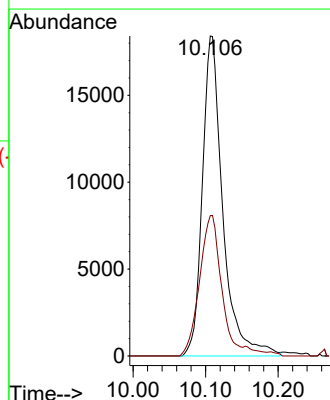
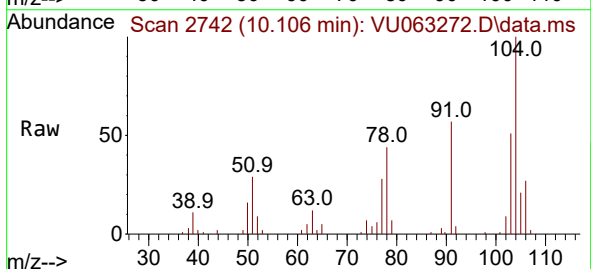
Acq: 21 Feb 2025 13:15

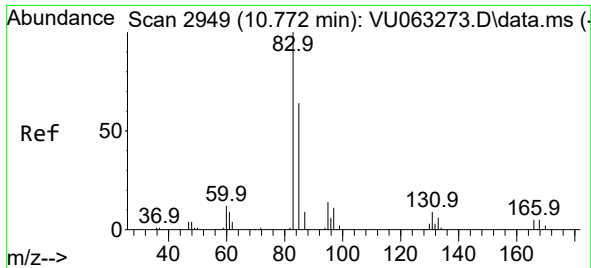
Tgt Ion:104 Resp: 36016

Ion Ratio Lower Upper

104 100

78 43.8 31.6 58.6

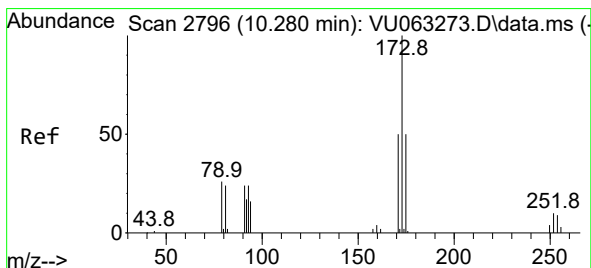
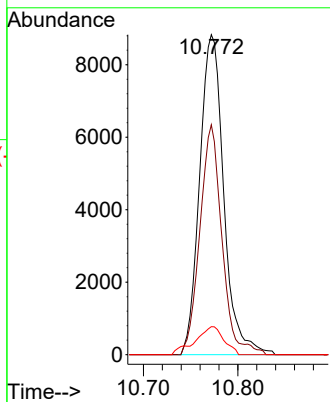
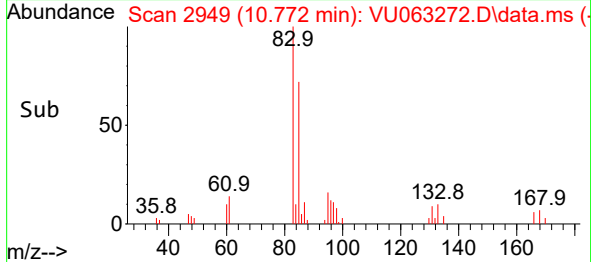
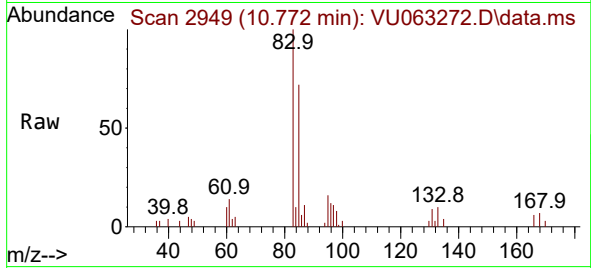




#57
1,1,2,2-Tetrachloroethane
Concen: 1.03 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU063272.D
Acq: 21 Feb 2025 13:15

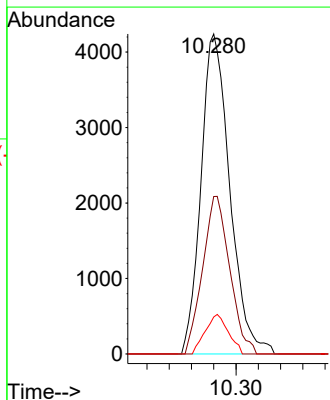
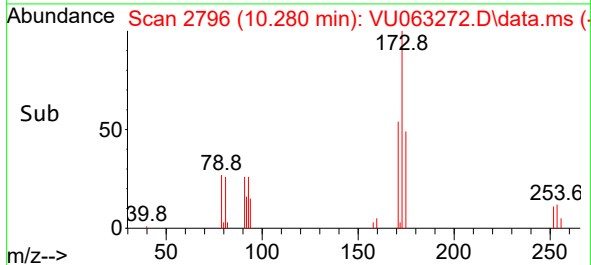
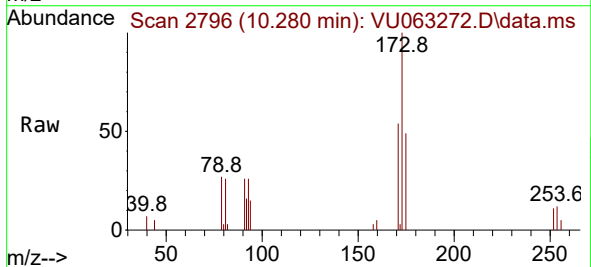
Instrument :
MSVOA_U
ClientSampleId :

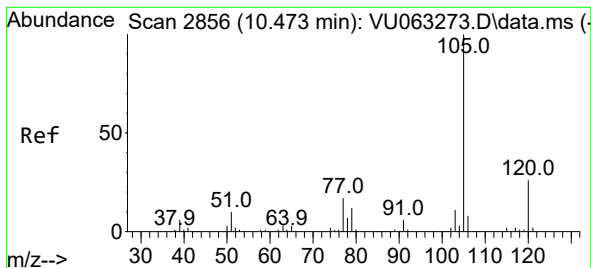
Tgt Ion: 83 Resp: 15615
Ion Ratio Lower Upper
83 100
85 71.9 44.9 83.5
131 8.7 7.2 10.8



#59
Bromoform
Concen: 1.11 ug/L
RT: 10.280 min Scan# 2796
Delta R.T. 0.000 min
Lab File: VU063272.D
Acq: 21 Feb 2025 13:15

Tgt Ion: 173 Resp: 7617
Ion Ratio Lower Upper
173 100
175 46.3 39.4 59.0
254 9.9 7.2 10.8





#60

Isopropylbenzene

Concen: 1.09 ug/L

RT: 10.473 min Scan# 2856

Delta R.T. 0.000 min

Lab File: VU063272.D

Acq: 21 Feb 2025 13:15

Instrument :

MSVOA_U

ClientSampleId :

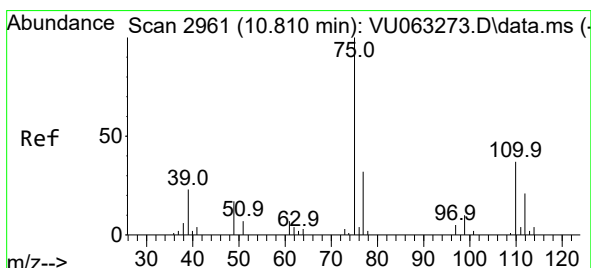
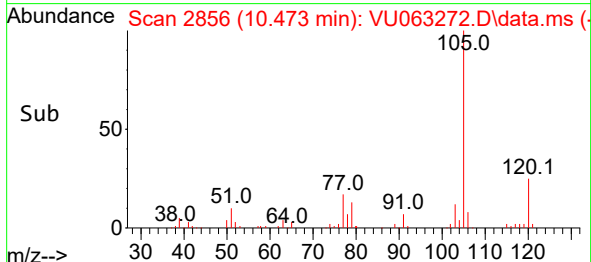
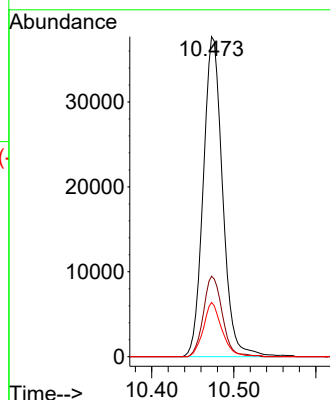
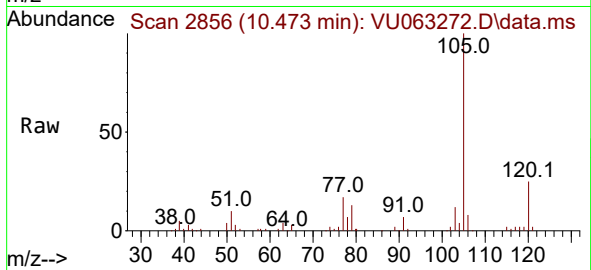
Tgt Ion:105 Resp: 61763

Ion Ratio Lower Upper

105 100

120 24.6 20.6 31.0

77 16.2 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 1.11 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.003 min

Lab File: VU063272.D

Acq: 21 Feb 2025 13:15

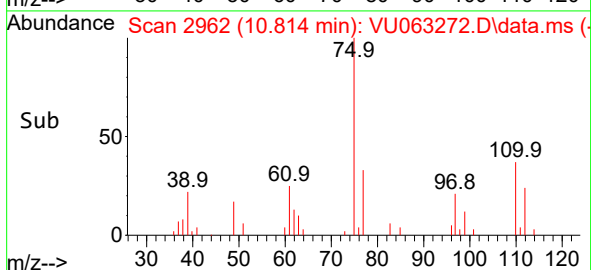
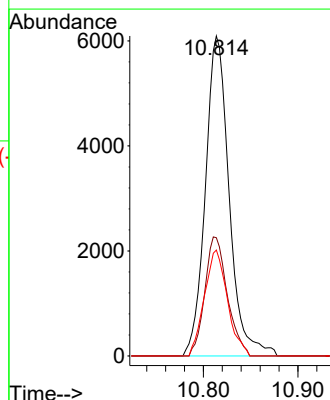
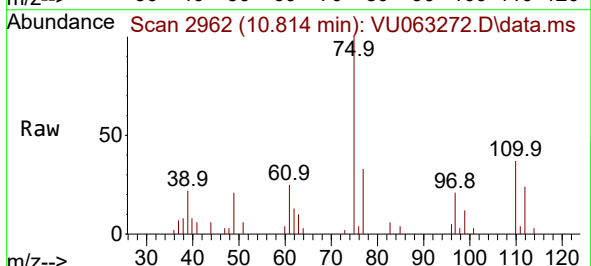
Tgt Ion: 75 Resp: 10667

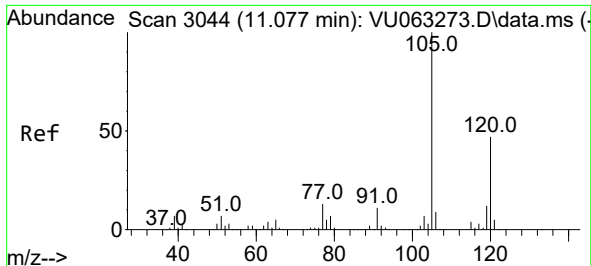
Ion Ratio Lower Upper

75 100

110 35.1 29.3 43.9

77 32.0 25.8 38.8





#62

1,3,5-Trimethylbenzene

Concen: 0.99 ug/L

RT: 11.077 min Scan# 3044

Delta R.T. 0.000 min

Lab File: VU063272.D

Acq: 21 Feb 2025 13:15

Instrument :

MSVOA_U

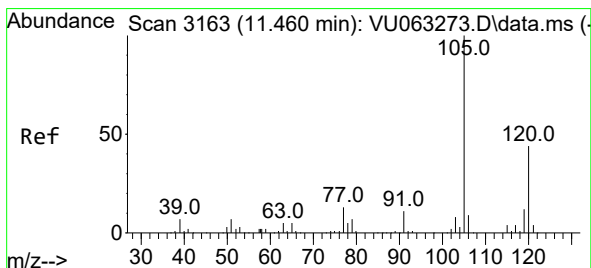
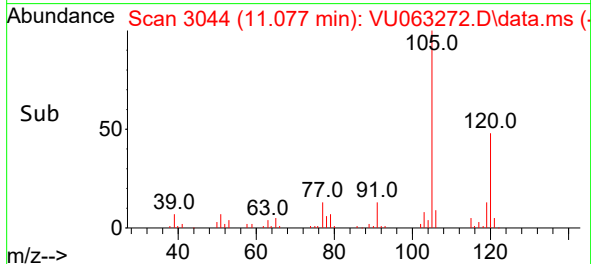
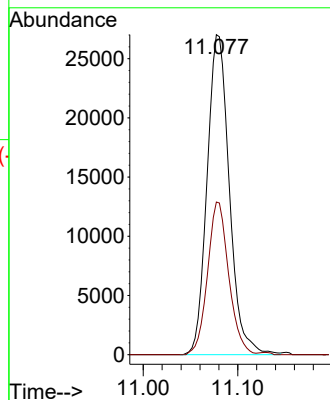
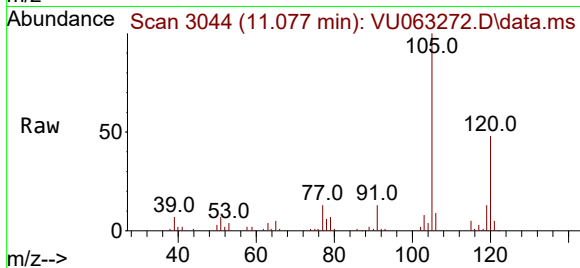
ClientSampleId :

Tgt Ion:105 Resp: 44189

Ion Ratio Lower Upper

105 100

120 45.5 37.5 56.3



#63

1,2,4-Trimethylbenzene

Concen: 0.91 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU063272.D

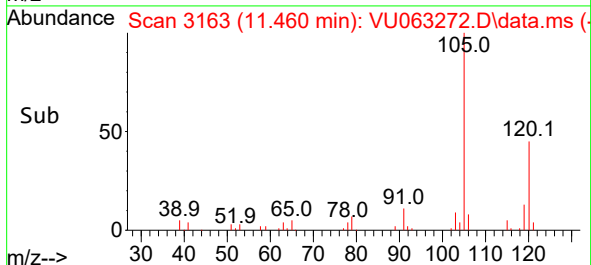
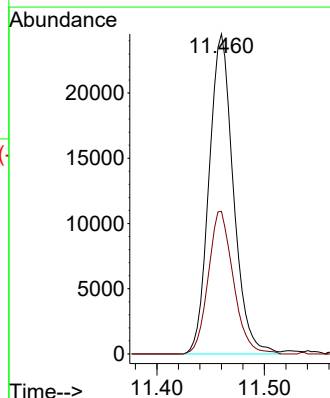
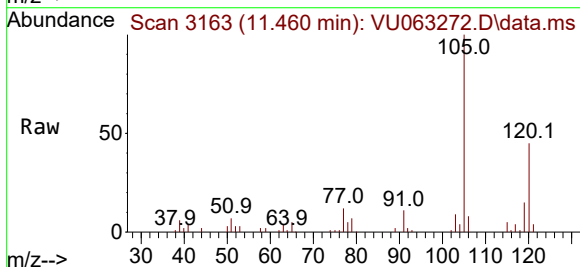
Acq: 21 Feb 2025 13:15

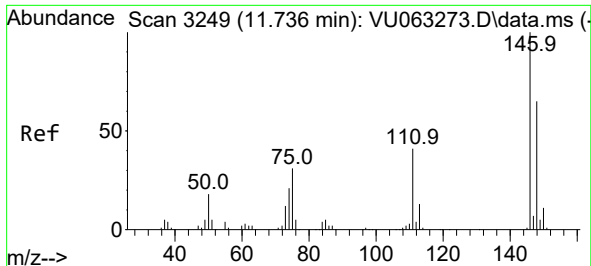
Tgt Ion:105 Resp: 38632

Ion Ratio Lower Upper

105 100

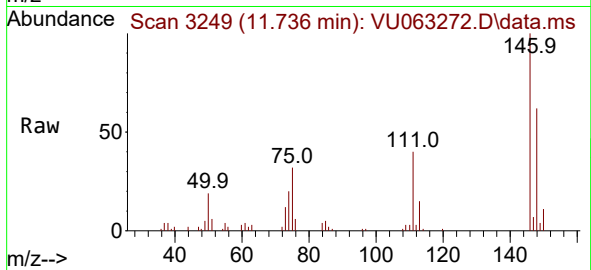
120 45.9 35.1 52.7



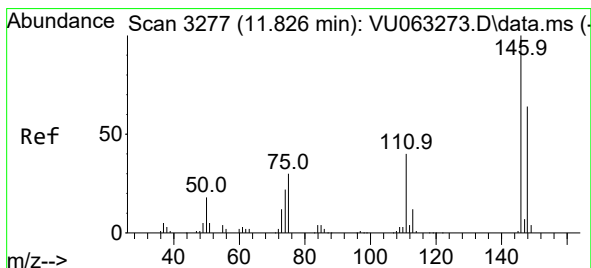
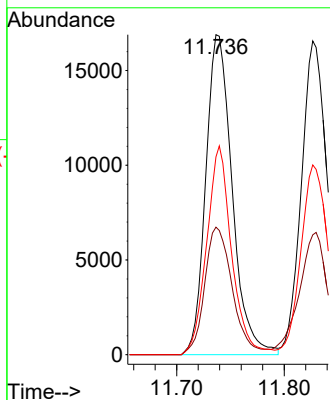
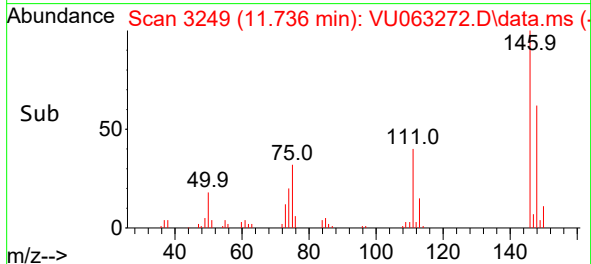


#64
1,3-Dichlorobenzene
Concen: 1.12 ug/L
RT: 11.736 min Scan# 3249
Delta R.T. 0.000 min
Lab File: VU063272.D
Acq: 21 Feb 2025 13:15

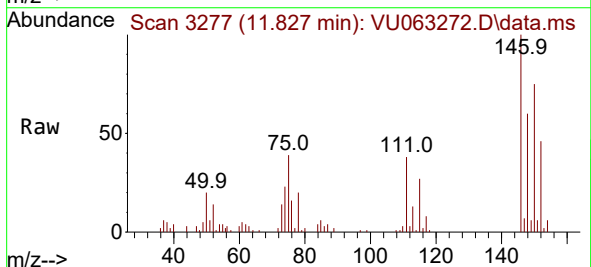
Instrument :
MSVOA_U
ClientSampleId :



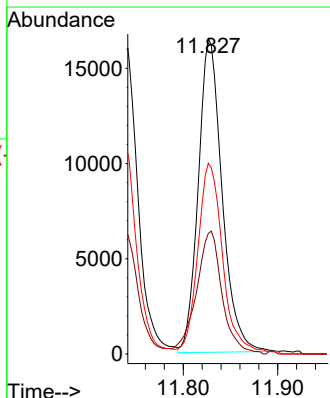
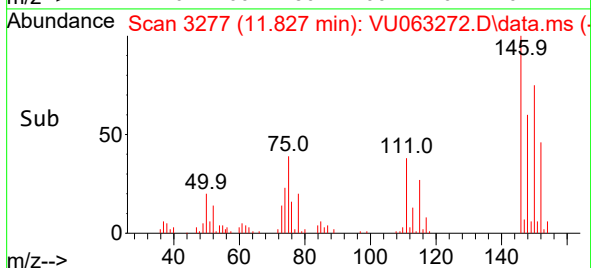
Tgt Ion:146 Resp: 28939
Ion Ratio Lower Upper
146 100
111 39.8 28.5 52.9
148 61.8 45.7 84.9

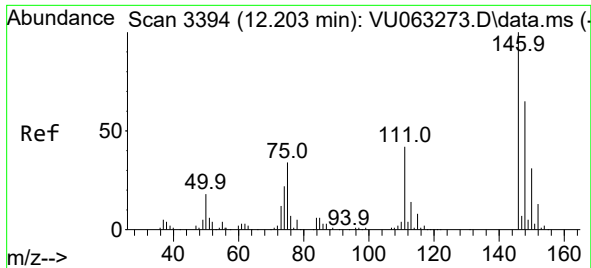


#65
1,4-Dichlorobenzene
Concen: 1.11 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VU063272.D
Acq: 21 Feb 2025 13:15



Tgt Ion:146 Resp: 28852
Ion Ratio Lower Upper
146 100
111 38.2 28.3 52.5
148 60.5 45.0 83.6

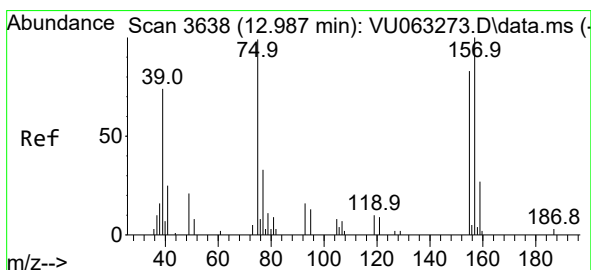
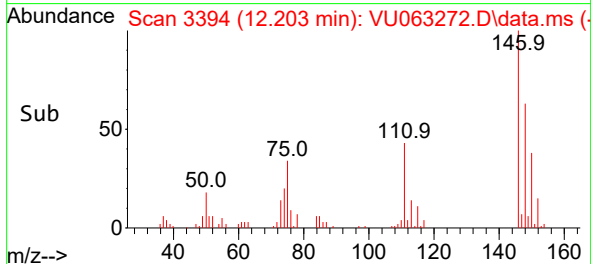
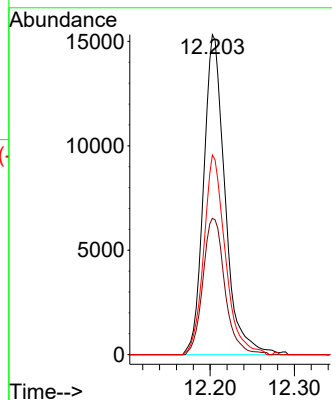
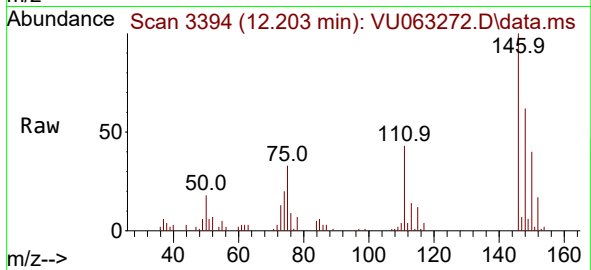




#67
1,2-Dichlorobenzene
Concen: 1.12 ug/L
RT: 12.203 min Scan# 3394
Delta R.T. 0.000 min
Lab File: VU063272.D
Acq: 21 Feb 2025 13:15

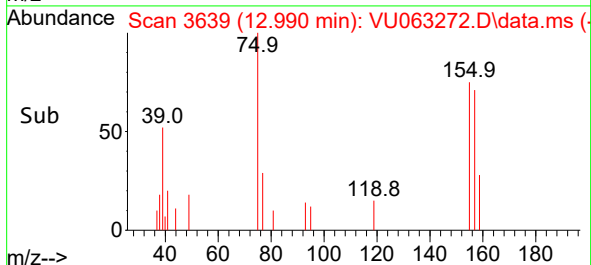
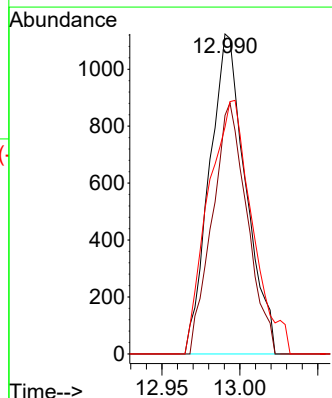
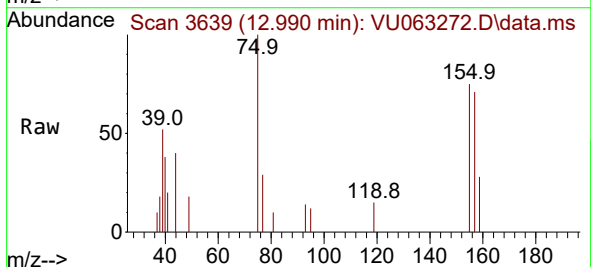
Instrument :
MSVOA_U
ClientSampleId :

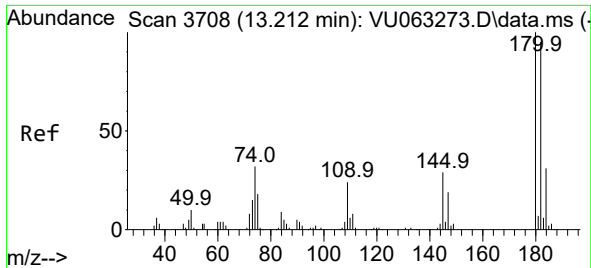
Tgt Ion:146 Resp: 27119
Ion Ratio Lower Upper
146 100
111 42.6 33.9 50.9
148 62.4 52.0 78.0



#68
1,2-Dibromo-3-chloropropane
Concen: 0.95 ug/L
RT: 12.990 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VU063272.D
Acq: 21 Feb 2025 13:15

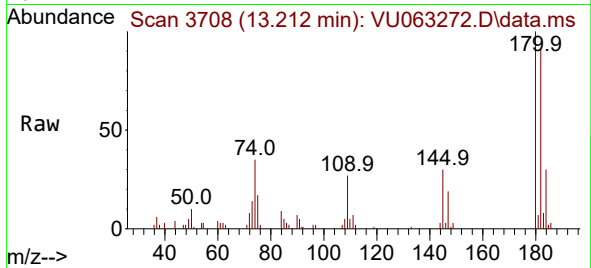
Tgt Ion: 75 Resp: 1819
Ion Ratio Lower Upper
75 100
155 74.6 67.0 100.6
157 70.9 80.9 121.3#



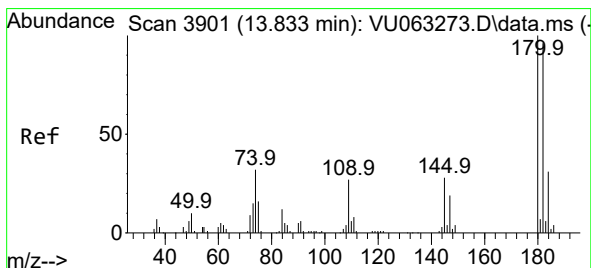
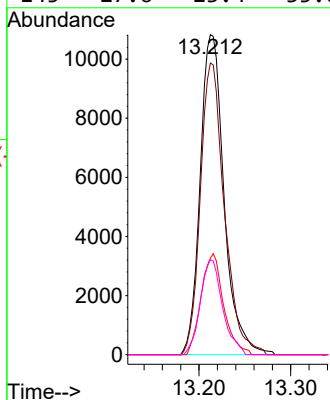
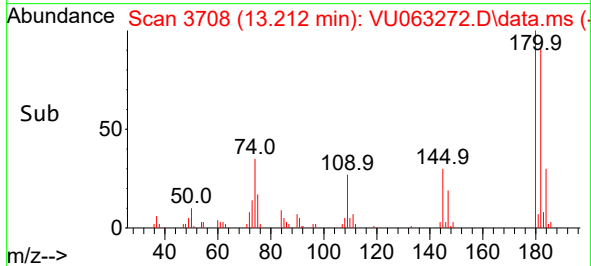


#69
 1,3,5-Trichlorobenzene
 Concen: 1.12 ug/L
 RT: 13.212 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU063272.D
 Acq: 21 Feb 2025 13:15

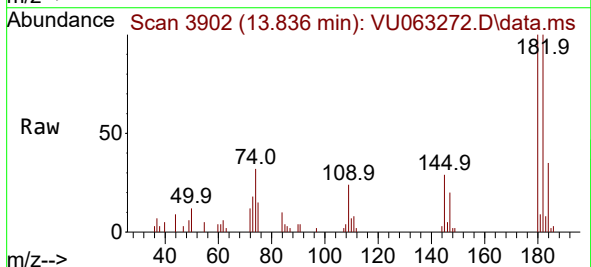
Instrument :
 MSVOA_U
 ClientSampleId :



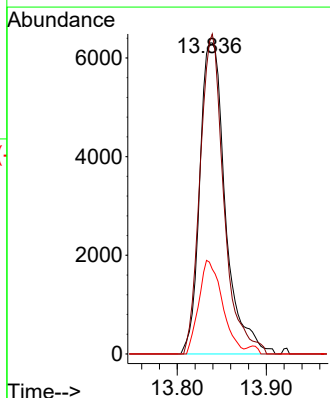
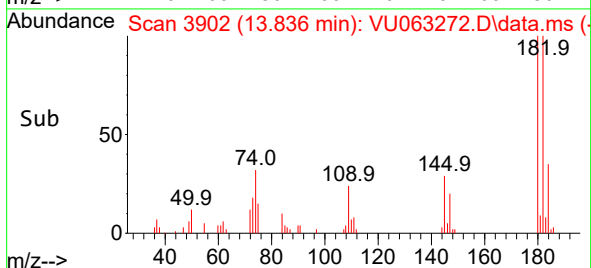
Tgt Ion:180 Resp: 19612
 Ion Ratio Lower Upper
 180 100
 182 91.5 77.6 116.4
 184 29.8 24.7 37.1
 145 27.6 23.4 35.0

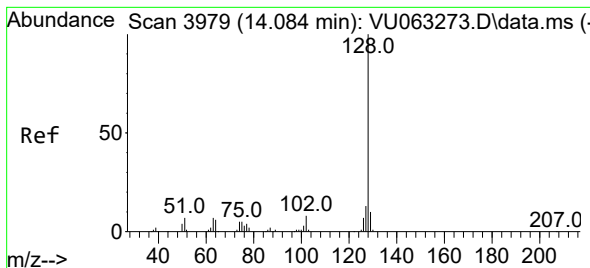


#70
 1,2,4-trichlorobenzene
 Concen: 0.93 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. 0.003 min
 Lab File: VU063272.D
 Acq: 21 Feb 2025 13:15



Tgt Ion:180 Resp: 12566
 Ion Ratio Lower Upper
 180 100
 182 95.5 75.8 113.8
 145 27.8 23.8 35.8





#71

Naphthalene

Concen: 0.66 ug/L

RT: 14.090 min Scan# 3981

Delta R.T. 0.006 min

Lab File: VU063272.D

Acq: 21 Feb 2025 13:15

Instrument :

MSVOA_U

ClientSampleId :

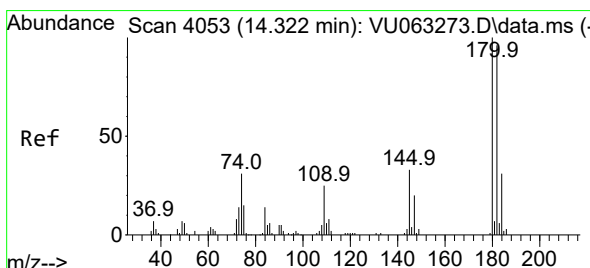
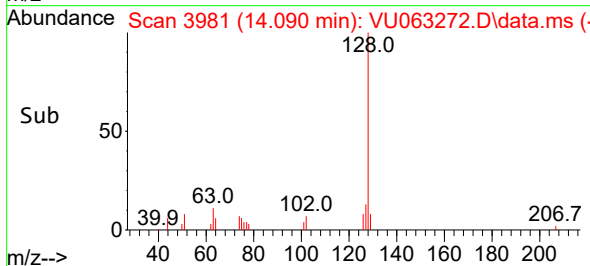
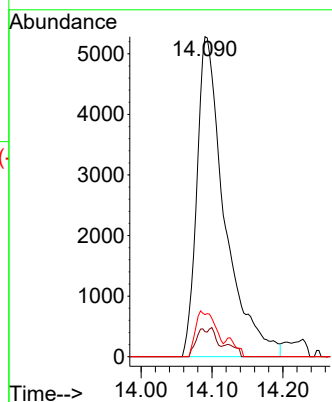
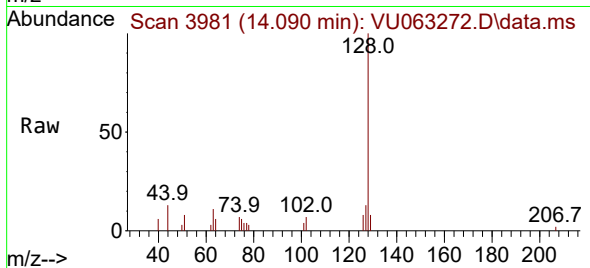
Tgt Ion:128 Resp: 14372

Ion Ratio Lower Upper

128 100

129 3.6 8.1 12.1#

127 10.4 10.8 16.2#



#72

1,2,3-Trichlorobenzene

Concen: 0.86 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. 0.003 min

Lab File: VU063272.D

Acq: 21 Feb 2025 13:15

Tgt Ion:180 Resp: 10325

Ion Ratio Lower Upper

180 100

182 89.8 76.7 115.1

145 31.1 25.5 38.3

