

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012925\
 Data File : VU063093.D
 Acq On : 29 Jan 2025 16:50
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 30 07:36:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 30 07:33:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	115990	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	110062	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	64841	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	9912	2.377	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	47.600%
7) Chloroethane-d5	1.904	69	9380	2.963	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	59.200%#
11) 1,1-Dichloroethene-d2	2.554	65	7058	2.831	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.600%#
20) 2-Butanone-d5	4.605	46	67342	55.647	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.300%
24) Chloroform-d	5.049	84	65293	3.942	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
26) 1,2-Dichloroethane-d4	5.688	65	40608	4.295	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
32) Benzene-d6	5.714	84	98916	3.933	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.600%
36) 1,2-Dichloropropane-d6	6.679	67	28364	4.429	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.600%
41) Toluene-d8	7.888	98	95068	3.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.400%
43) trans-1,3-Dichloroprop...	8.171	79	17126	4.320	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.621	63	66736	67.464	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	134.920%#
56) 1,1,2,2-Tetrachloroeth...	10.746	84	32379	5.325	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.400%
66) 1,2-Dichlorobenzene-d4	12.183	152	48673	4.193	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	46451	4.471	ug/L	98
3) Chloromethane	1.518	50	19035	3.809	ug/L	96
5) Vinyl chloride	1.599	62	21486	3.851	ug/L	98
6) Bromomethane	1.846	94	8871	3.323	ug/L	90
8) Chloroethane	1.923	64	11086	3.935	ug/L	98
9) Trichlorofluoromethane	2.129	101	56953	4.037	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	31192	4.494	ug/L	88
12) 1,1-Dichloroethene	2.566	96	26208	4.349	ug/L	86
13) Acetone	2.611	43	38147	48.750	ug/L	94
14) Carbon disulfide	2.779	76	67124	4.348	ug/L	100
15) Methyl Acetate	2.936	43	8168	5.435	ug/L	93
16) Methylene chloride	3.033	84	28707	4.519	ug/L	98
17) Methyl tert-butyl Ether	3.348	73	94738	5.249	ug/L	96
18) trans-1,2-Dichloroethene	3.341	96	30886	4.790	ug/L	95
19) 1,1-Dichloroethane	3.853	63	54219	4.851	ug/L	94
21) 2-Butanone	4.685	43	65298	61.184	ug/L	95
22) cis-1,2-Dichloroethene	4.653	96	38793	5.034	ug/L	96
23) Bromochloromethane	4.959	128	20150	5.210	ug/L #	78
25) Chloroform	5.074	83	78550	4.864	ug/L	94

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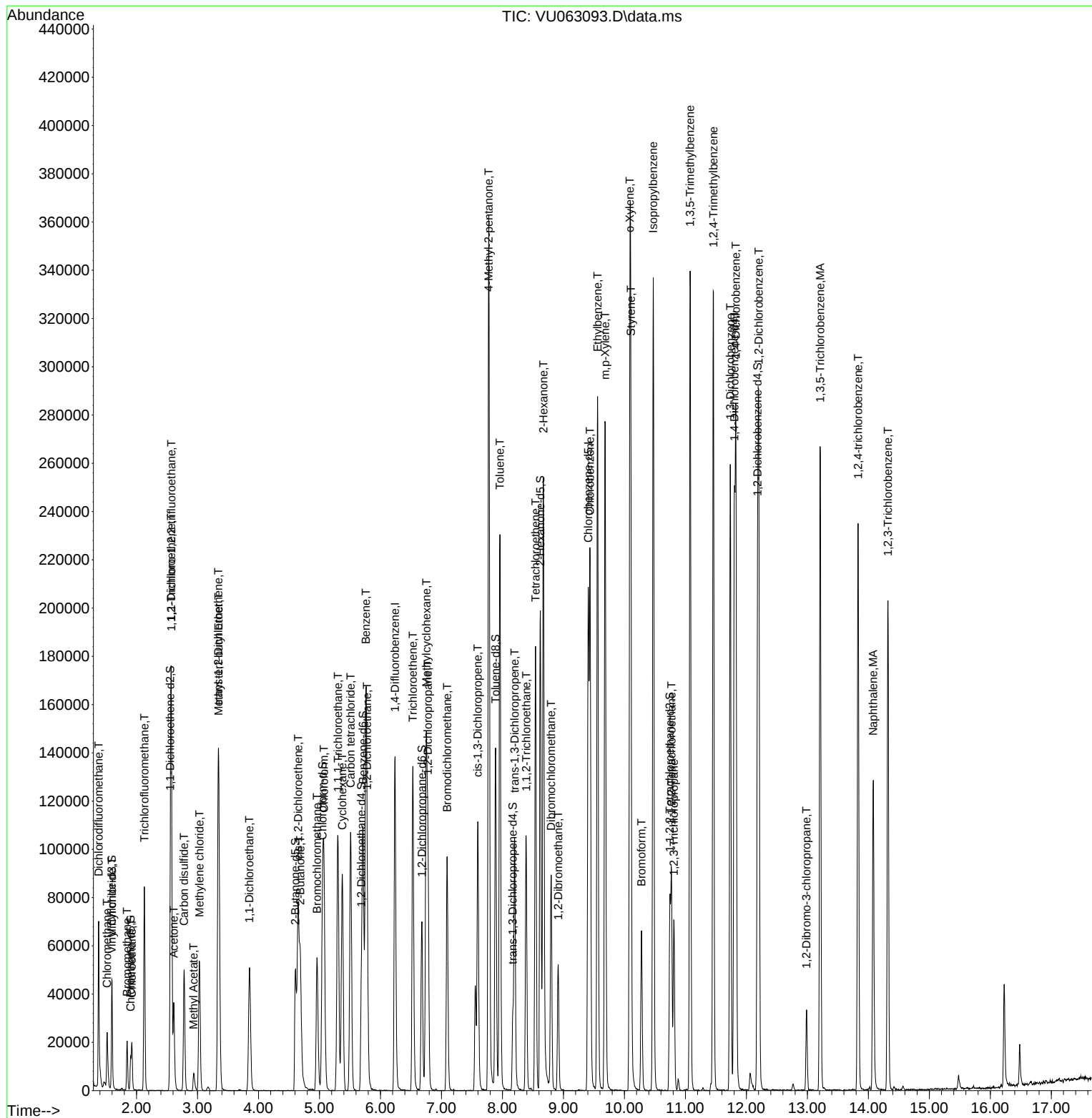
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	59501	5.257	ug/L	97
29) 1,1,1-Trichloroethane	5.303	97	81059	4.750	ug/L	99
30) Cyclohexane	5.373	56	40308	5.071	ug/L	86
31) Carbon tetrachloride	5.512	117	78963	4.806	ug/L	95
33) Benzene	5.762	78	143161	5.369	ug/L	100
34) Trichloroethene	6.531	95	45098	4.977	ug/L	97
35) Methylcyclohexane	6.753	83	57887	5.071	ug/L	96
37) 1,2-Dichloropropane	6.778	63	33409	5.571	ug/L #	97
38) Bromodichloromethane	7.094	83	61810	5.143	ug/L	97
39) cis-1,3-Dichloropropene	7.595	75	65952	5.841	ug/L	96
40) 4-Methyl-2-pentanone	7.775	43	190990	66.015	ug/L	96
42) Toluene	7.958	91	171904	5.424	ug/L	99
44) trans-1,3-Dichloropropene	8.200	75	60815	5.847	ug/L	99
45) 1,1,2-Trichloroethane	8.389	97	31976	5.665	ug/L	89
47) Tetrachloroethene	8.544	164	39579	5.022	ug/L	97
48) 2-Hexanone	8.672	43	138416	68.977	ug/L	98
49) Dibromochloromethane	8.798	129	47061	5.343	ug/L	100
50) 1,2-Dibromoethane	8.913	107	32531	5.706	ug/L	99
51) Chlorobenzene	9.438	112	116951	5.322	ug/L	97
52) Ethylbenzene	9.560	91	202701	5.488	ug/L	99
53) m,p-Xylene	9.685	106	76171	5.340	ug/L	96
54) o-Xylene	10.090	106	67255	5.146	ug/L	95
55) Styrene	10.106	104	114355	5.176	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	37269	5.902	ug/L #	95
59) Bromoform	10.280	173	31643	5.136	ug/L	99
60) Isopropylbenzene	10.473	105	217957	5.304	ug/L	100
61) 1,2,3-Trichloropropane	10.810	75	28488	5.460	ug/L	95
62) 1,3,5-Trimethylbenzene	11.077	105	190592	5.291	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	186671	5.479	ug/L	100
64) 1,3-Dichlorobenzene	11.736	146	105940	5.079	ug/L	99
65) 1,4-Dichlorobenzene	11.826	146	106168	5.074	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	100021	5.096	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.984	75	9027	6.542	ug/L	90
69) 1,3,5-Trichlorobenzene	13.209	180	84720	5.084	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	73154	5.609	ug/L	99
71) Naphthalene	14.080	128	107259	6.409	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	64145	5.692	ug/L	95

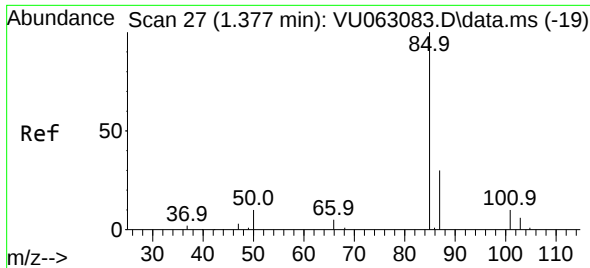
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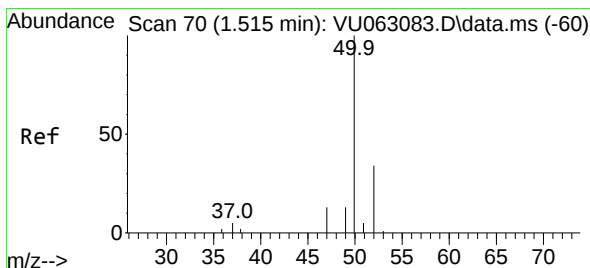
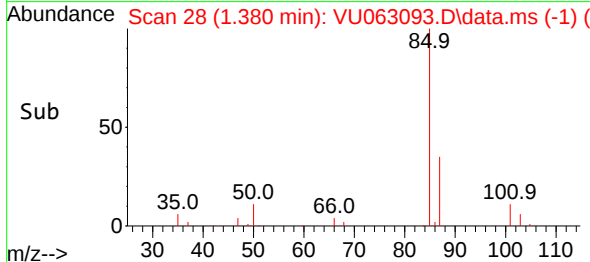
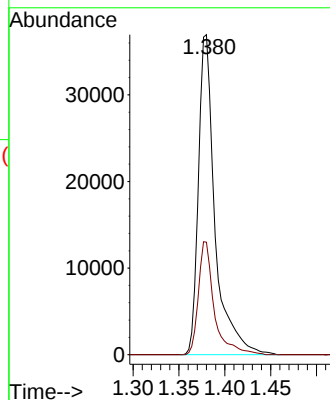
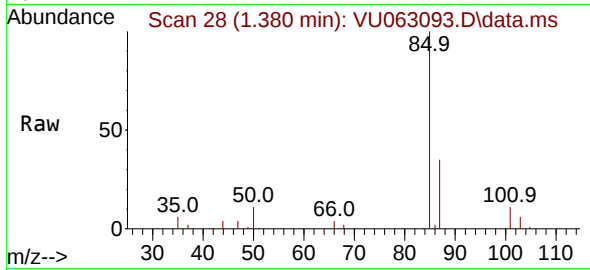




#2
 Dichlorodifluoromethane
 Concen: 4.471 ug/L
 RT: 1.380 min Scan# 27
 Delta R.T. 0.003 min
 Lab File: VU063093.D
 Acq: 29 Jan 2025 16:50

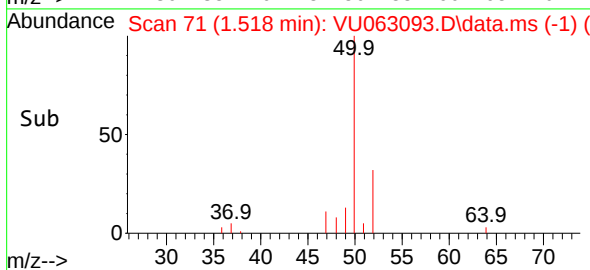
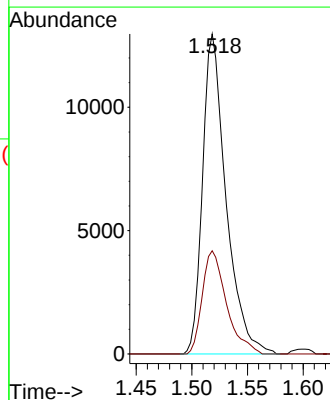
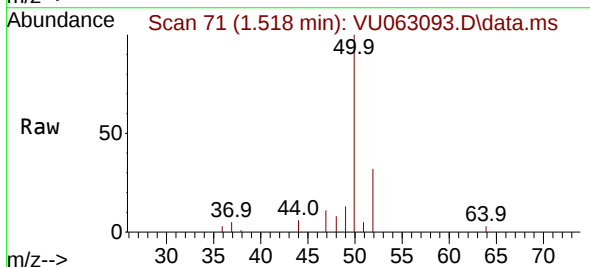
Instrument :
 MSVOA_U
 ClientSampleId :

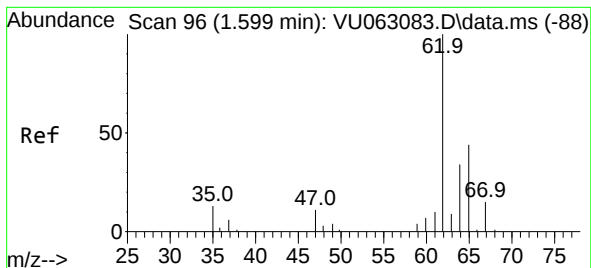
Tgt Ion: 85 Resp: 46451
 Ion Ratio Lower Upper
 85 100
 87 33.8 26.1 39.1



#3
 Chloromethane
 Concen: 3.809 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU063093.D
 Acq: 29 Jan 2025 16:50

Tgt Ion: 50 Resp: 19035
 Ion Ratio Lower Upper
 50 100
 52 32.3 24.1 44.7





#5

Vinyl chloride

Concen: 3.851 ug/L

RT: 1.599 min Scan# 96

Delta R.T. -0.000 min

Lab File: VU063093.D

Acq: 29 Jan 2025 16:50

Instrument :

MSVOA_U

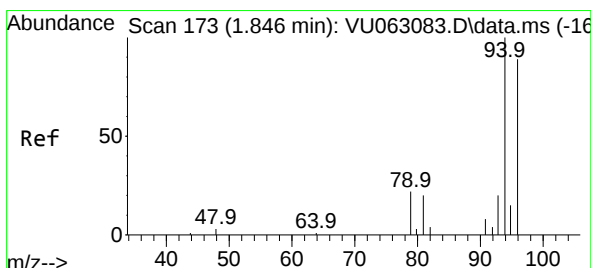
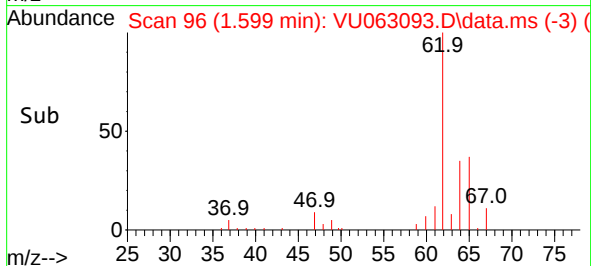
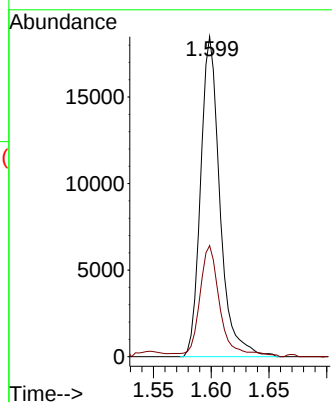
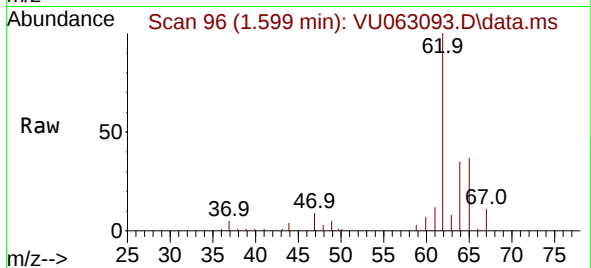
ClientSampleId :

Tgt Ion: 62 Resp: 21486

Ion Ratio Lower Upper

62 100

64 34.7 23.4 43.4



#6

Bromomethane

Concen: 3.323 ug/L

RT: 1.846 min Scan# 173

Delta R.T. -0.000 min

Lab File: VU063093.D

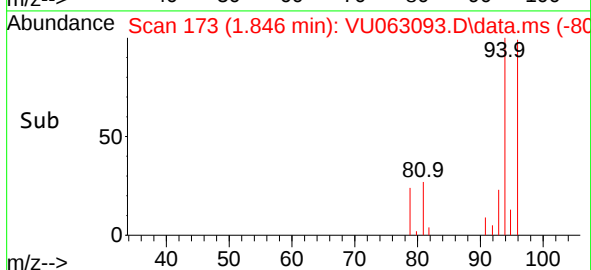
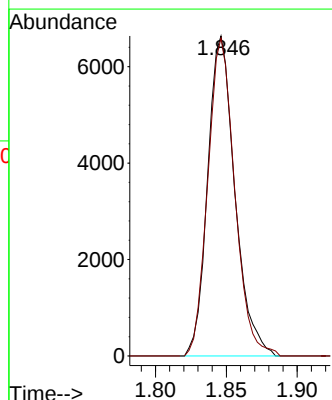
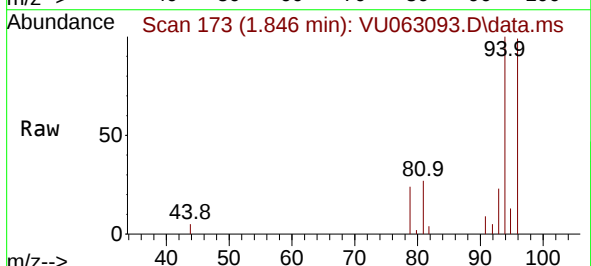
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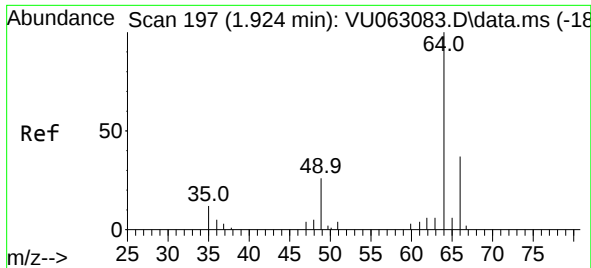
Tgt Ion: 94 Resp: 8871

Ion Ratio Lower Upper

94 100

96 99.3 62.9 116.7

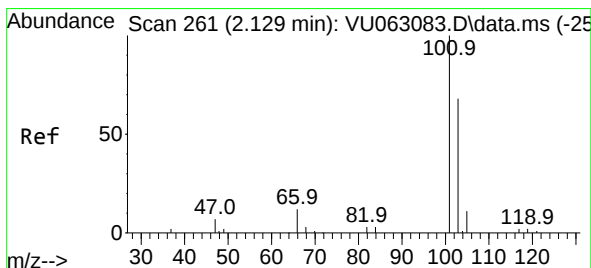
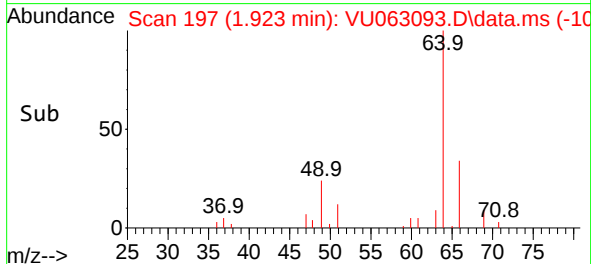
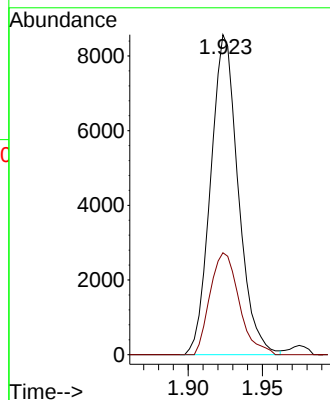
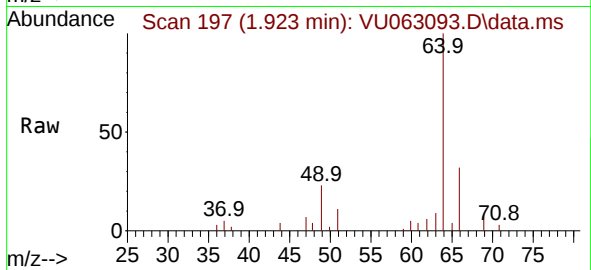




#8
Chloroethane
Concen: 3.935 ug/L
RT: 1.923 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU063093.D
Acq: 29 Jan 2025 16:50

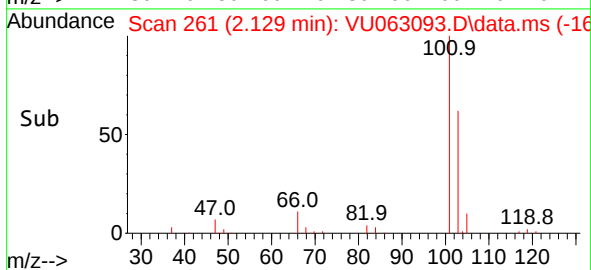
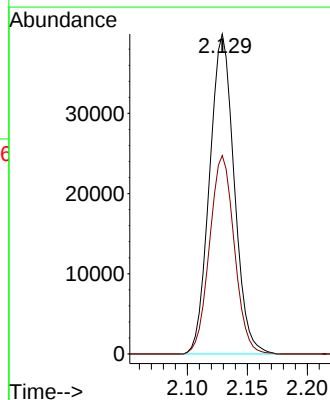
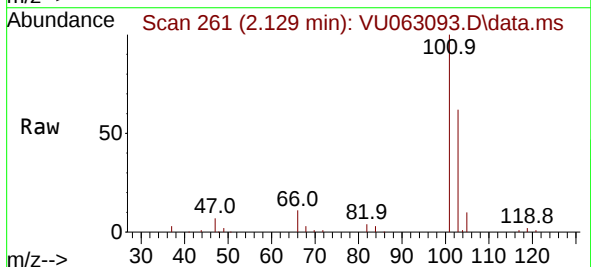
Instrument :
MSVOA_U
ClientSampleId :

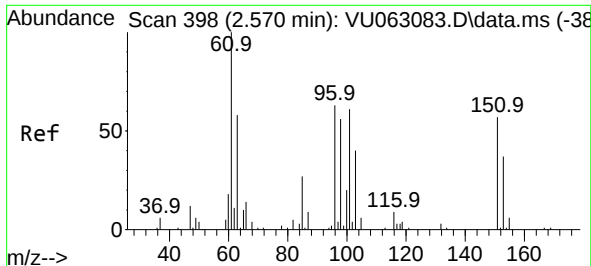
Tgt Ion: 64 Resp: 11086
Ion Ratio Lower Upper
64 100
66 31.9 21.6 40.2



#9
Trichlorofluoromethane
Concen: 4.037 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.000 min
Lab File: VU063093.D
Acq: 29 Jan 2025 16:50

Tgt Ion:101 Resp: 56953
Ion Ratio Lower Upper
101 100
103 62.3 51.4 77.0

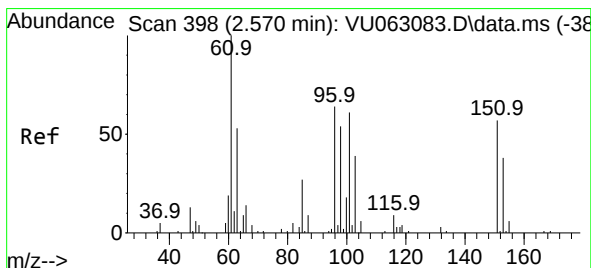
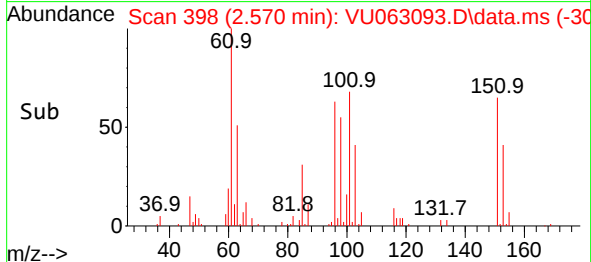
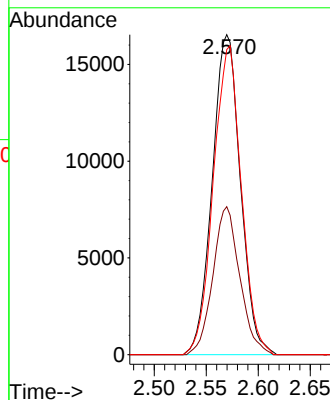
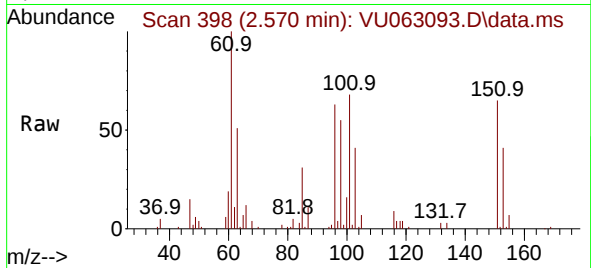




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.494 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. -0.000 min
 Lab File: VU063093.D
 Acq: 29 Jan 2025 16:50

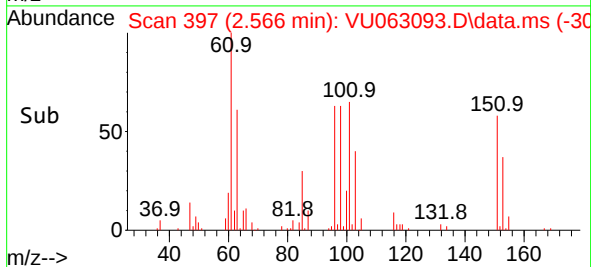
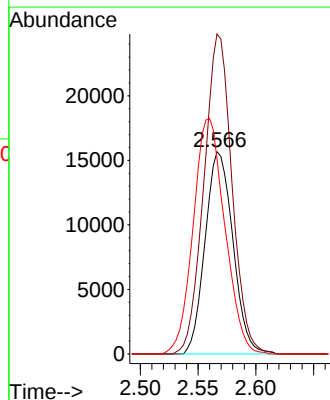
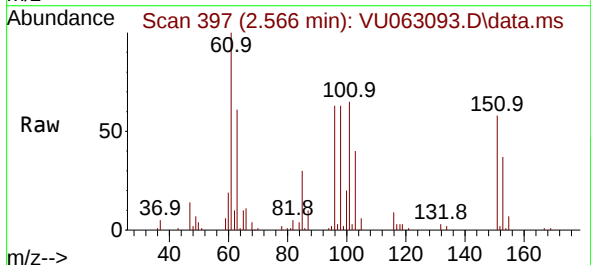
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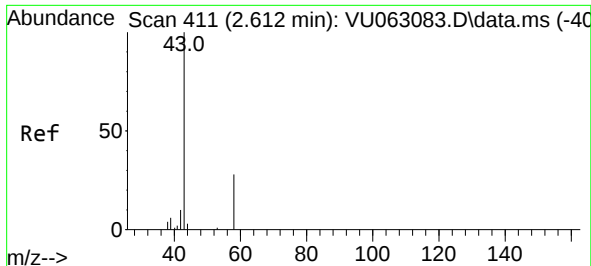
Tgt Ion:101 Resp: 31192
 Ion Ratio Lower Upper
 101 100
 85 44.2 37.0 55.6
 151 95.7 64.4 96.6



#12
 1,1-Dichloroethene
 Concen: 4.349 ug/L
 RT: 2.566 min Scan# 397
 Delta R.T. -0.003 min
 Lab File: VU063093.D
 Acq: 29 Jan 2025 16:50

Tgt Ion: 96 Resp: 26208
 Ion Ratio Lower Upper
 96 100
 61 158.2 120.4 223.6
 63 96.5 82.3 152.9





#13

Acetone

Concen: 48.750 ug/L

RT: 2.611 min Scan# 411

Delta R.T. -0.000 min

Lab File: VU063093.D

Acq: 29 Jan 2025 16:50

Instrument :

MSVOA_U

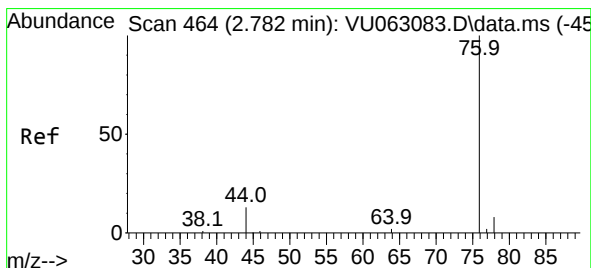
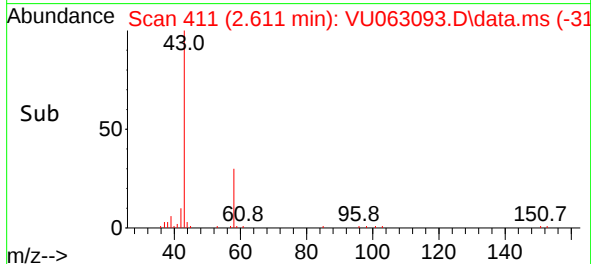
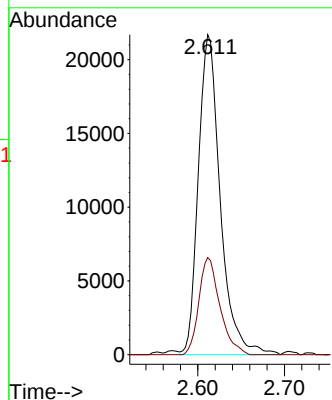
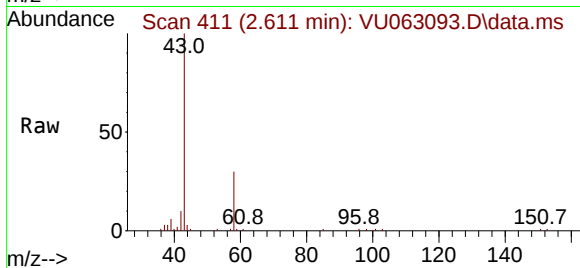
ClientSampleId :

Tgt Ion: 43 Resp: 38147

Ion Ratio Lower Upper

43 100

58 29.1 0.0 64.4



#14

Carbon disulfide

Concen: 4.348 ug/L

RT: 2.779 min Scan# 463

Delta R.T. -0.003 min

Lab File: VU063093.D

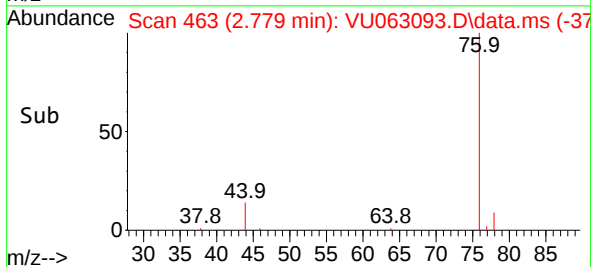
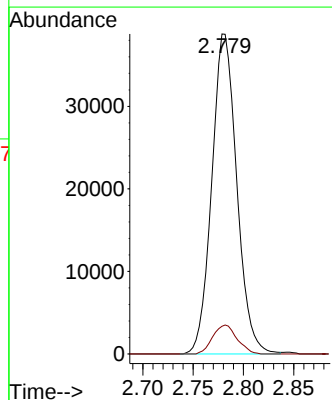
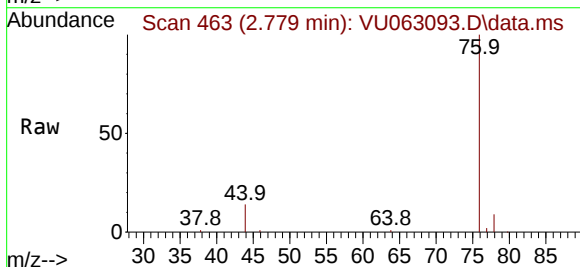
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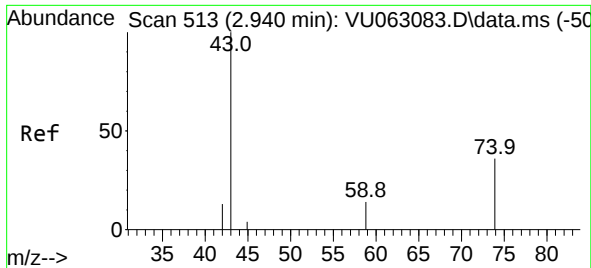
Tgt Ion: 76 Resp: 67124

Ion Ratio Lower Upper

76 100

78 8.6 7.0 10.6

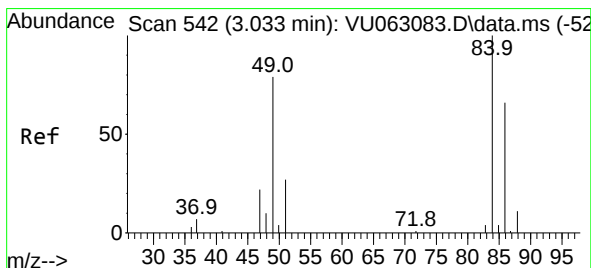
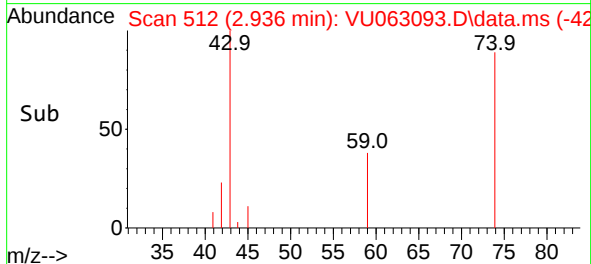
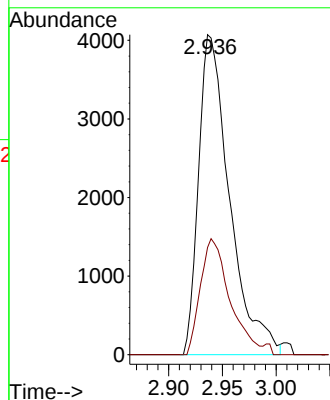
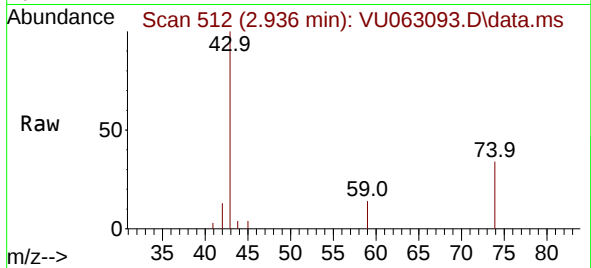




#15
Methyl Acetate
Concen: 5.435 ug/L
RT: 2.936 min Scan# 513
Delta R.T. -0.003 min
Lab File: VU063093.D
Acq: 29 Jan 2025 16:50

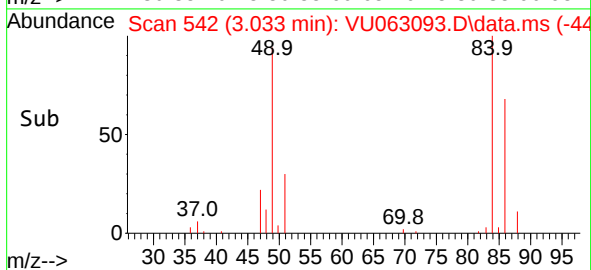
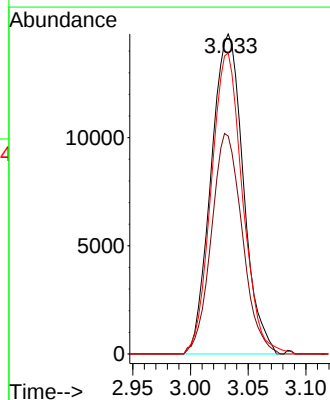
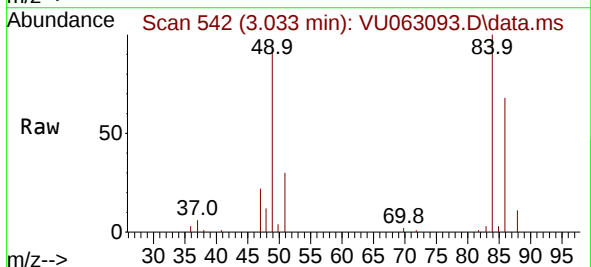
Instrument :
MSVOA_U
ClientSampleId :

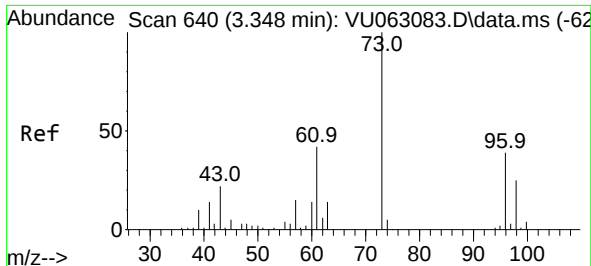
Tgt Ion: 43 Resp: 8168
Ion Ratio Lower Upper
43 100
74 34.5 24.4 36.6



#16
Methylene chloride
Concen: 4.519 ug/L
RT: 3.033 min Scan# 542
Delta R.T. -0.000 min
Lab File: VU063093.D
Acq: 29 Jan 2025 16:50

Tgt Ion: 84 Resp: 28707
Ion Ratio Lower Upper
84 100
86 68.1 44.7 83.1
49 98.1 68.3 126.9

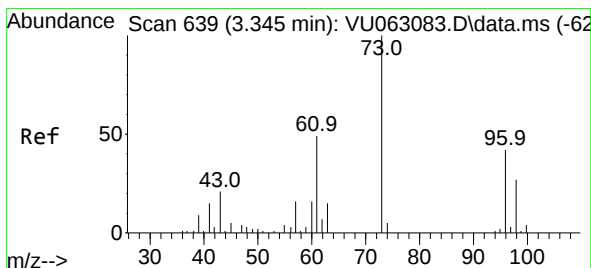
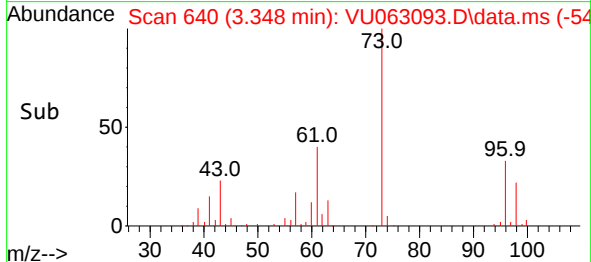
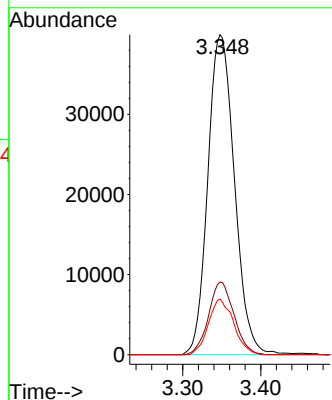
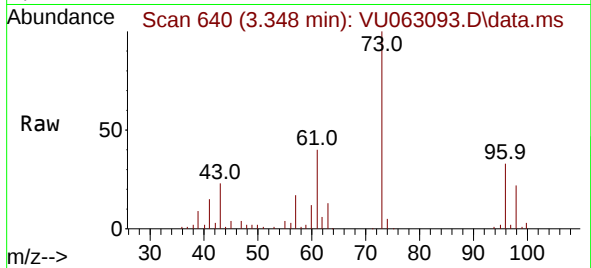




#17
Methyl tert-butyl Ether
Concen: 5.249 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU063093.D
Acq: 29 Jan 2025 16:50

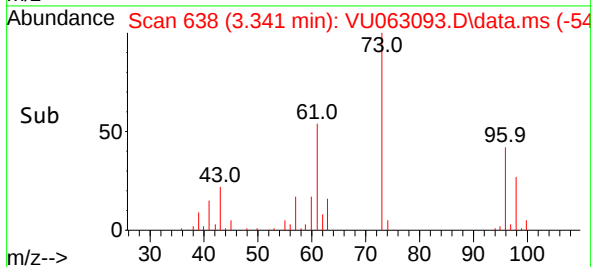
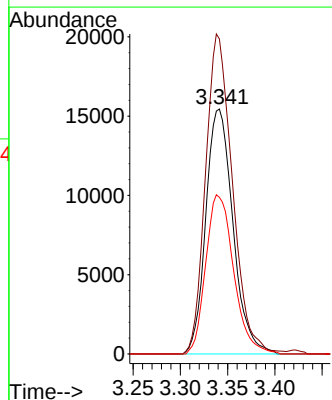
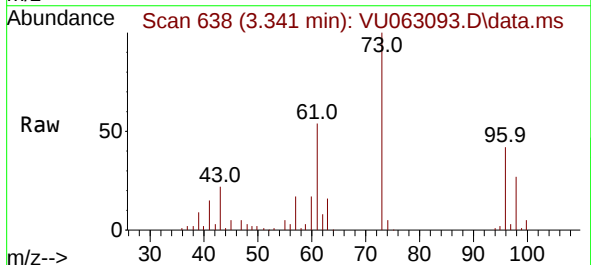
Instrument :
MSVOA_U
ClientSampleId :

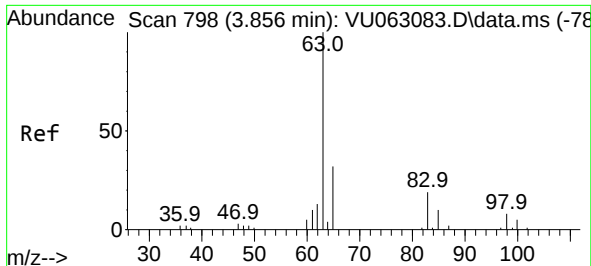
Tgt Ion: 73 Resp: 94738
Ion Ratio Lower Upper
73 100
43 21.7 16.2 24.4
57 16.4 14.6 22.0



#18
trans-1,2-Dichloroethene
Concen: 4.790 ug/L
RT: 3.341 min Scan# 638
Delta R.T. -0.003 min
Lab File: VU063093.D
Acq: 29 Jan 2025 16:50

Tgt Ion: 96 Resp: 30886
Ion Ratio Lower Upper
96 100
61 128.6 94.4 175.2
98 63.9 42.8 79.4





#19

1,1-Dichloroethane

Concen: 4.851 ug/L

RT: 3.853 min Scan# 798

Delta R.T. -0.003 min

Lab File: VU063093.D

Acq: 29 Jan 2025 16:50

Instrument :

MSVOA_U

ClientSampleId :

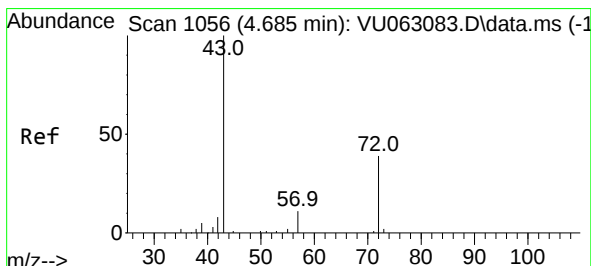
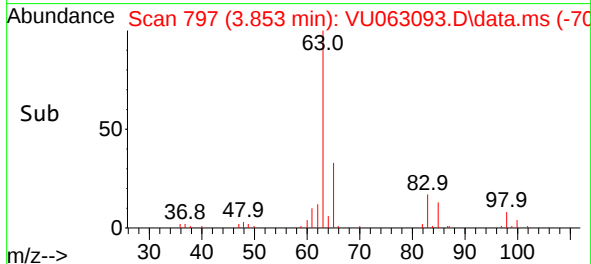
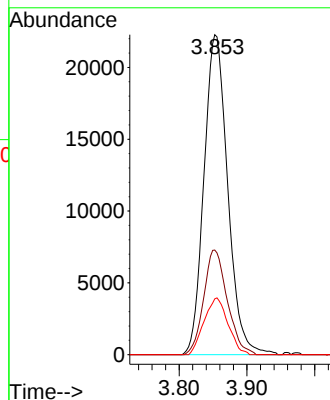
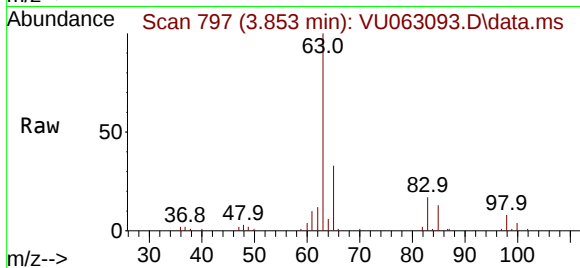
Tgt Ion: 63 Resp: 54219

Ion Ratio Lower Upper

63 100

65 32.7 20.7 38.5

83 17.5 10.5 19.5



#21

2-Butanone

Concen: 61.184 ug/L

RT: 4.685 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VU063093.D

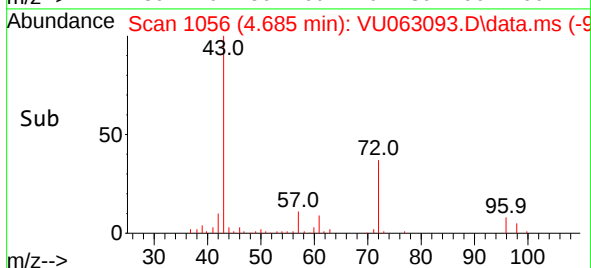
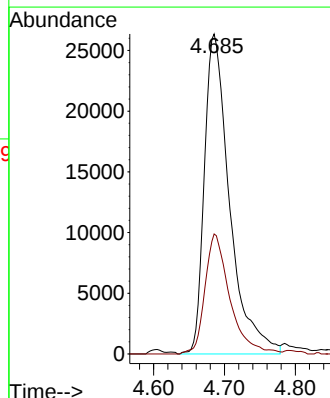
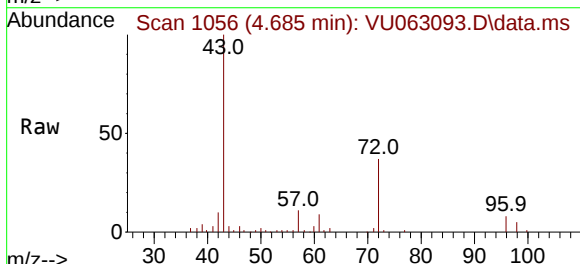
Acq: 29 Jan 2025 16:50

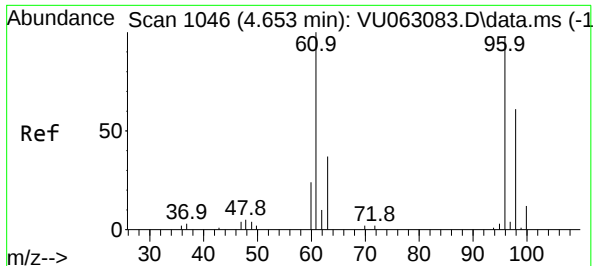
Tgt Ion: 43 Resp: 65298

Ion Ratio Lower Upper

43 100

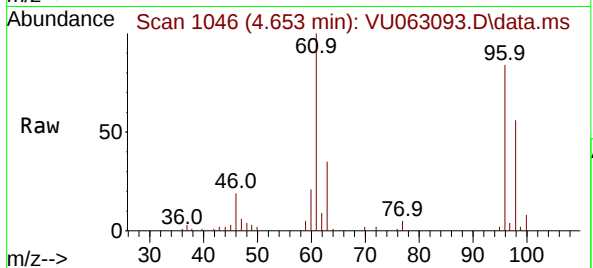
72 36.9 17.1 51.2



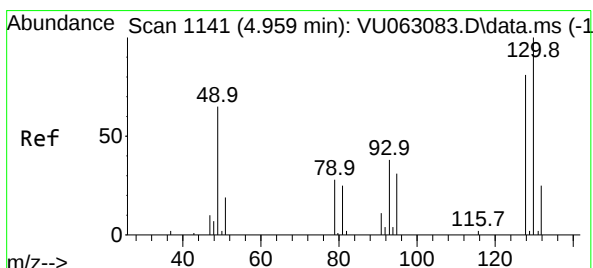
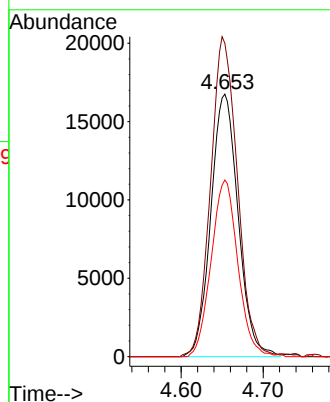
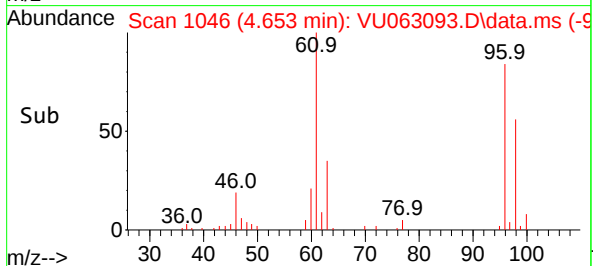


#22
 cis-1,2-Dichloroethene
 Concen: 5.034 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.000 min
 Lab File: VU063093.D
 Acq: 29 Jan 2025 16:50

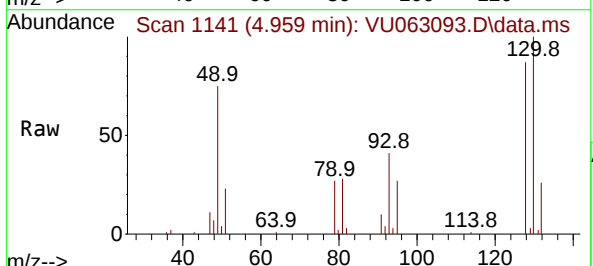
Instrument :
 MSVOA_U
 ClientSampleId :



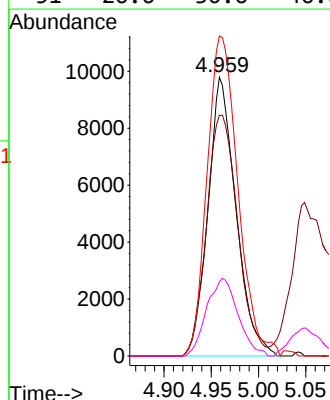
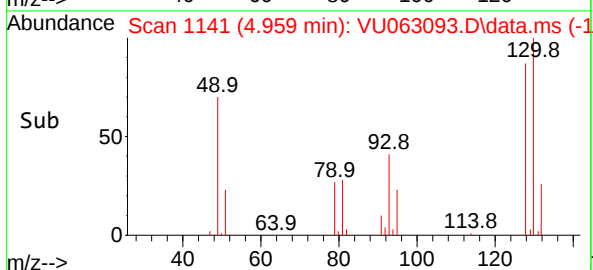
Tgt Ion: 96 Resp: 38793
 Ion Ratio Lower Upper
 96 100
 61 119.4 84.8 157.6
 98 67.3 43.1 80.1

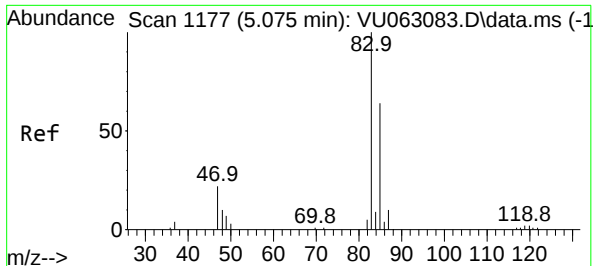


#23
 Bromochloromethane
 Concen: 5.210 ug/L
 RT: 4.959 min Scan# 1141
 Delta R.T. -0.000 min
 Lab File: VU063093.D
 Acq: 29 Jan 2025 16:50



Tgt Ion: 128 Resp: 20150
 Ion Ratio Lower Upper
 128 100
 49 86.3 81.1 150.7
 130 114.8 94.9 176.3
 51 26.6 30.6 46.0#





#25

Chloroform

Concen: 4.864 ug/L

RT: 5.074 min Scan# 1177

Delta R.T. -0.000 min

Lab File: VU063093.D

Acq: 29 Jan 2025 16:50

Instrument :

MSVOA_U

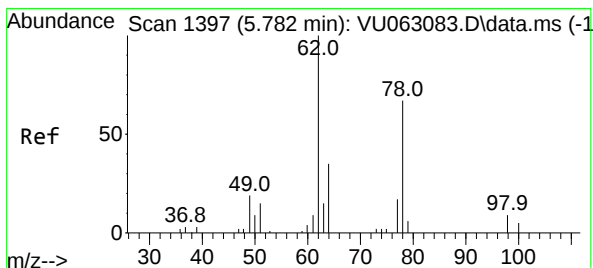
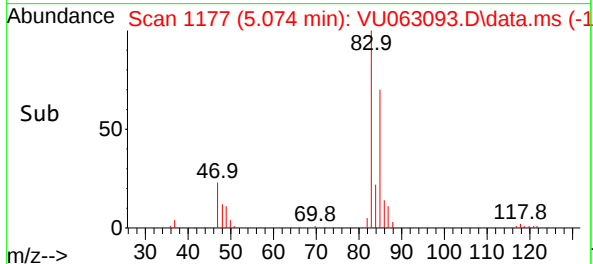
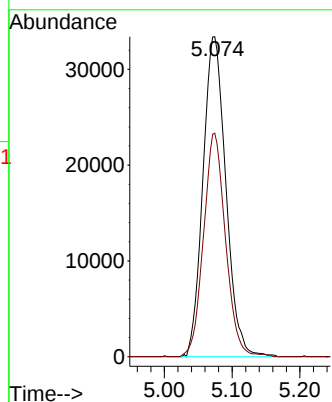
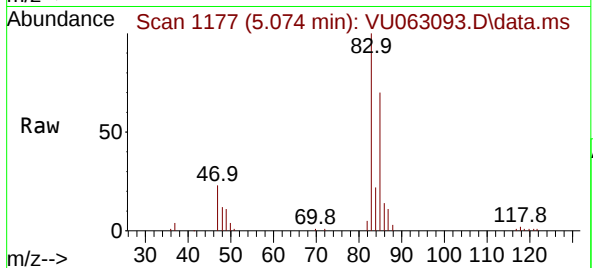
ClientSampleId :

Tgt Ion: 83 Resp: 78550

Ion Ratio Lower Upper

83 100

85 69.9 45.8 85.2



#27

1,2-Dichloroethane

Concen: 5.257 ug/L

RT: 5.782 min Scan# 1397

Delta R.T. -0.000 min

Lab File: VU063093.D

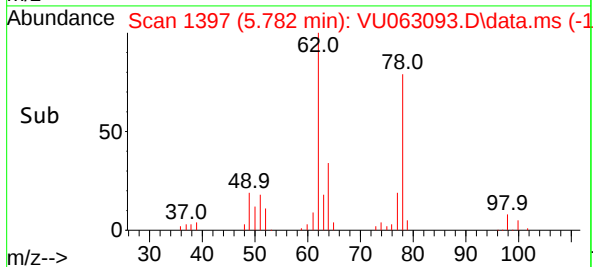
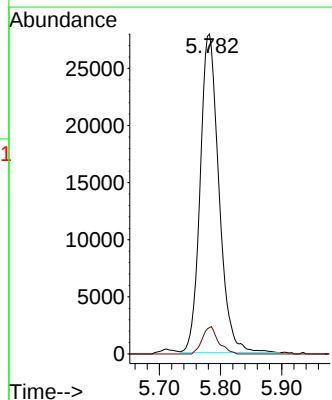
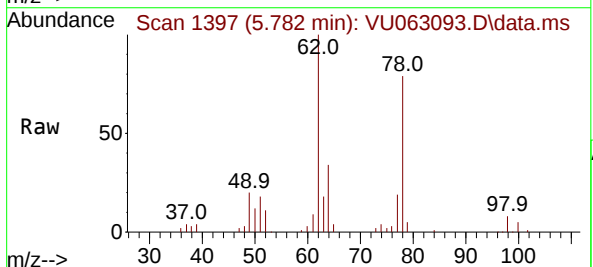
Acq: 29 Jan 2025 16:50

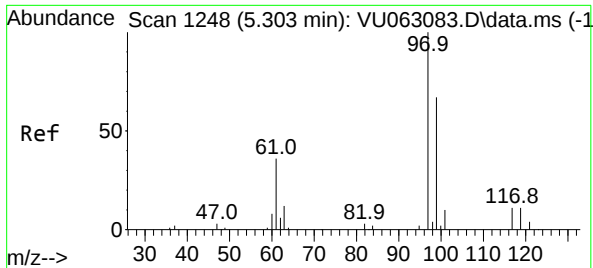
Tgt Ion: 62 Resp: 59501

Ion Ratio Lower Upper

62 100

98 8.2 5.8 8.6

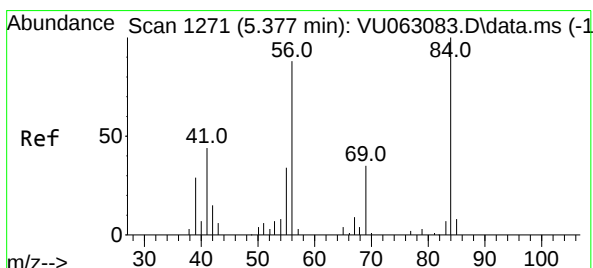
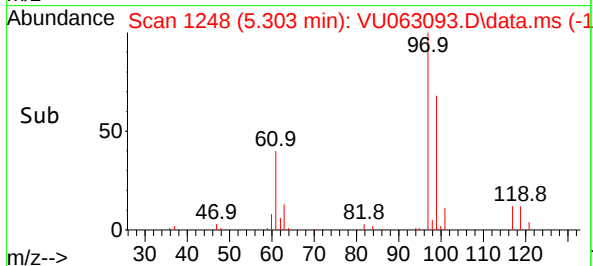
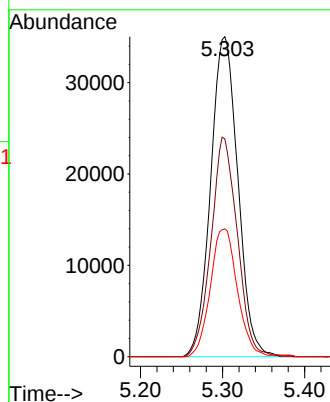
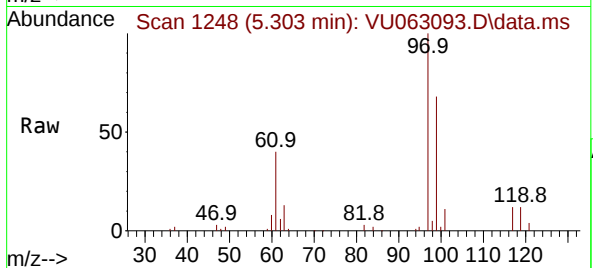




#29
1,1,1-Trichloroethane
Concen: 4.750 ug/L
RT: 5.303 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063093.D
Acq: 29 Jan 2025 16:50

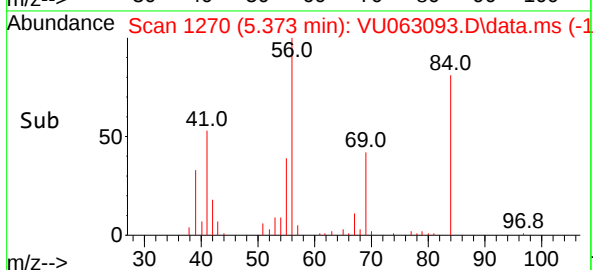
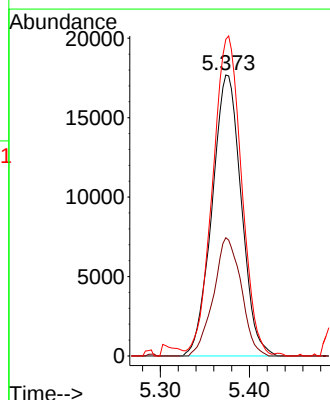
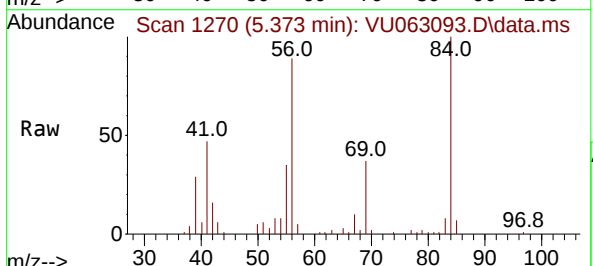
Instrument :
MSVOA_U
ClientSampleId :

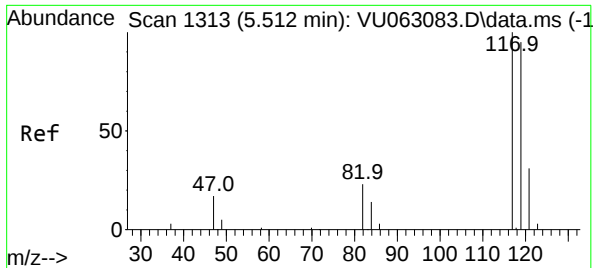
Tgt Ion: 97	Resp: 81059
Ion Ratio	Lower Upper
97 100	
99 66.1	52.4 78.6
61 39.5	32.2 48.4



#30
Cyclohexane
Concen: 5.071 ug/L
RT: 5.373 min Scan# 1270
Delta R.T. -0.003 min
Lab File: VU063093.D
Acq: 29 Jan 2025 16:50

Tgt Ion: 56	Resp: 40308
Ion Ratio	Lower Upper
56 100	
69 39.9	28.3 42.5
84 111.5	76.5 114.7

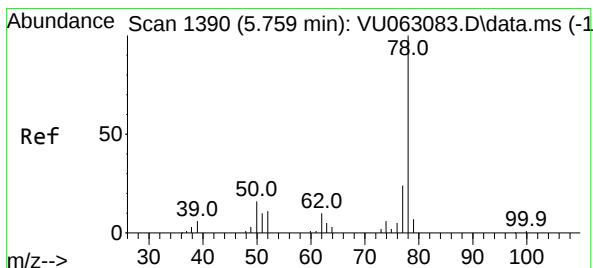
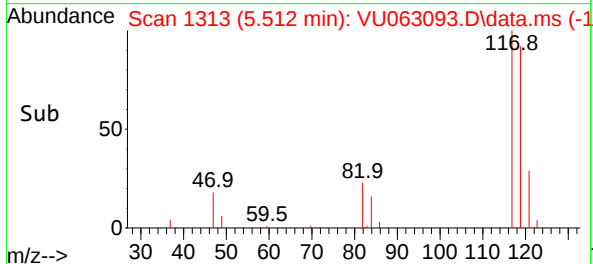
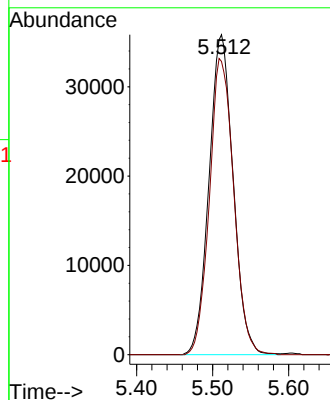
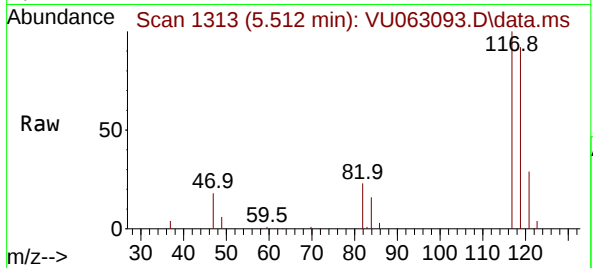




#31
Carbon tetrachloride
Concen: 4.806 ug/L
RT: 5.512 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU063093.D
Acq: 29 Jan 2025 16:50

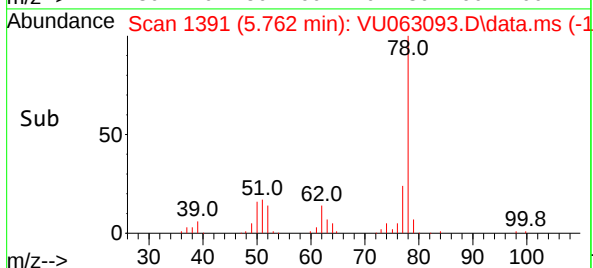
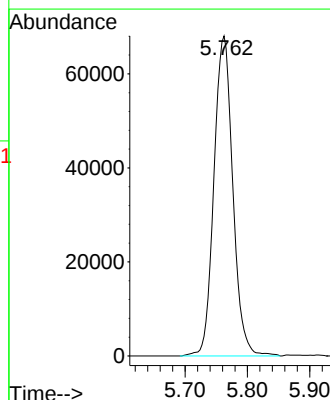
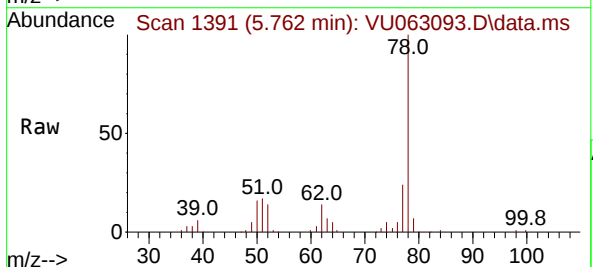
Instrument :
MSVOA_U
ClientSampleId :

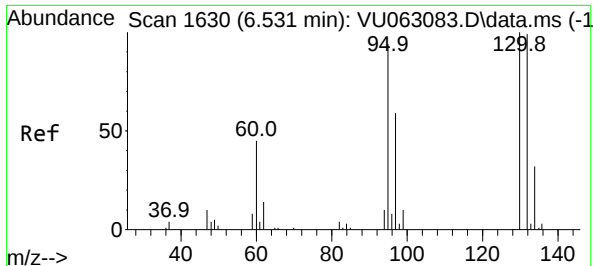
Tgt Ion:117 Resp: 78963
Ion Ratio Lower Upper
117 100
119 93.1 78.6 118.0



#33
Benzene
Concen: 5.369 ug/L
RT: 5.762 min Scan# 1391
Delta R.T. 0.003 min
Lab File: VU063093.D
Acq: 29 Jan 2025 16:50

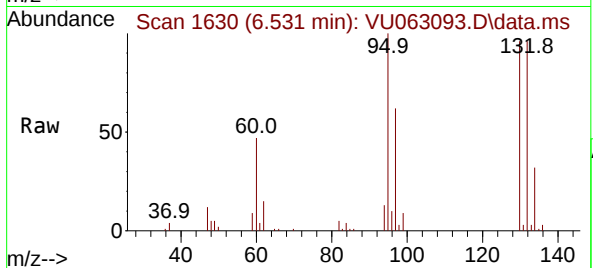
Tgt Ion: 78 Resp: 143161



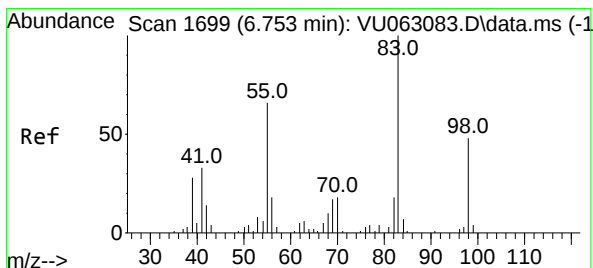
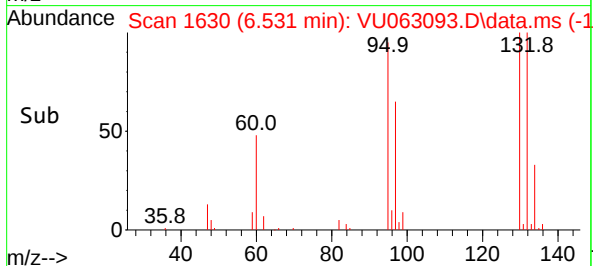
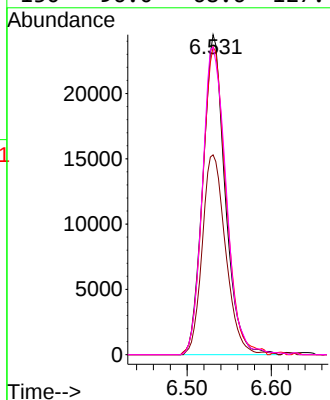


#34
Trichloroethene
Concen: 4.977 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VU063093.D
Acq: 29 Jan 2025 16:50

Instrument :
MSVOA_U
ClientSampleId :

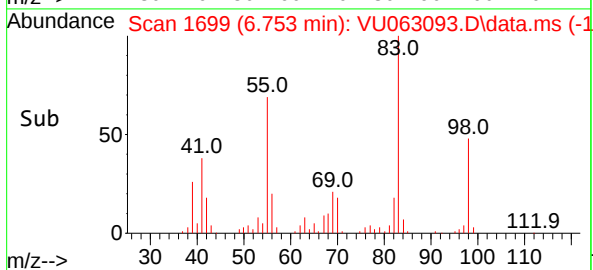
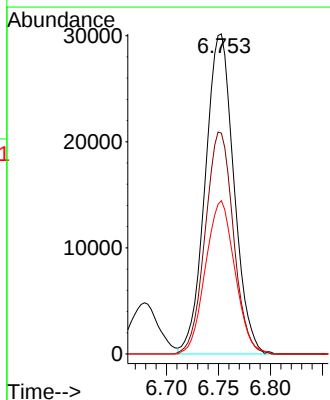
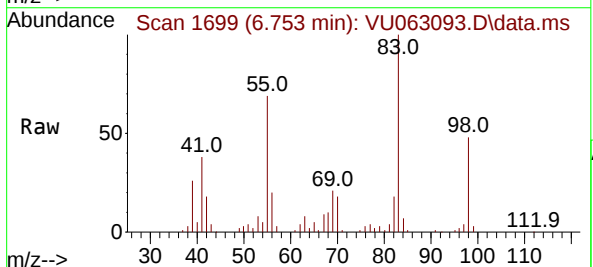


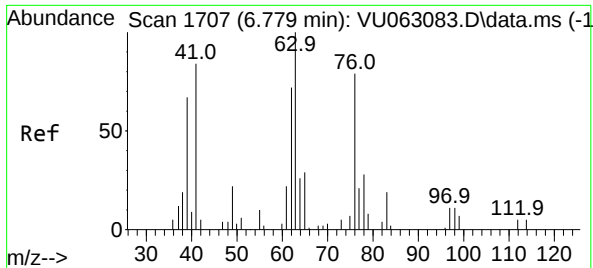
Tgt Ion:	95	Resp:	45098
Ion	Ratio	Lower	Upper
95	100		
97	62.5	47.5	88.3
132	96.2	66.9	124.3
130	96.0	68.6	127.4



#35
Methylcyclohexane
Concen: 5.071 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VU063093.D
Acq: 29 Jan 2025 16:50

Tgt Ion:	83	Resp:	57887
Ion	Ratio	Lower	Upper
83	100		
55	68.1	57.2	85.8
98	49.1	36.6	55.0

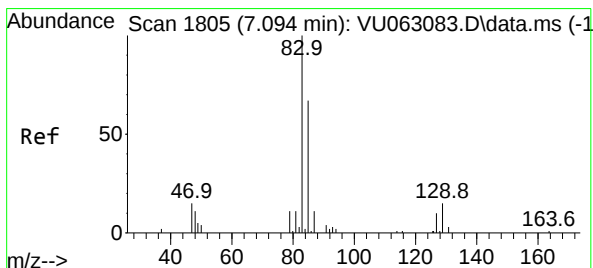
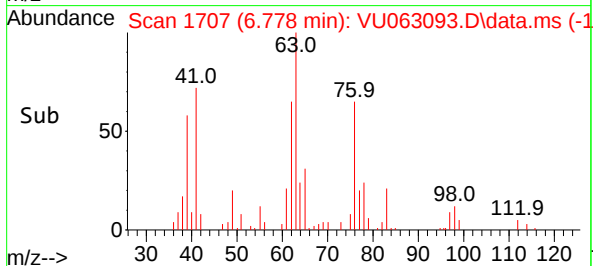
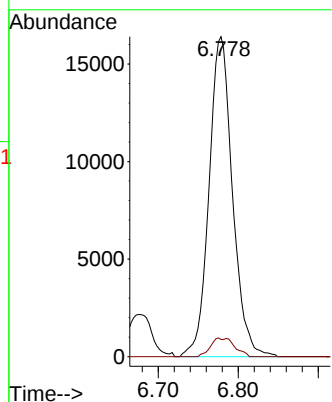
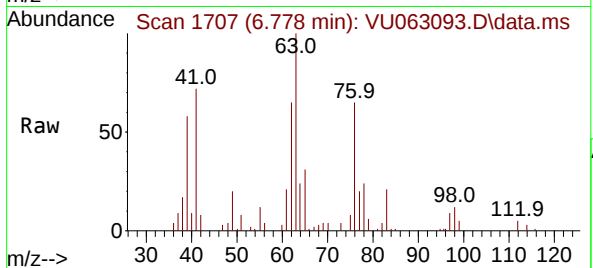




#37
1,2-Dichloropropane
Concen: 5.571 ug/L
RT: 6.778 min Scan# 1707
Delta R.T. -0.000 min
Lab File: VU063093.D
Acq: 29 Jan 2025 16:50

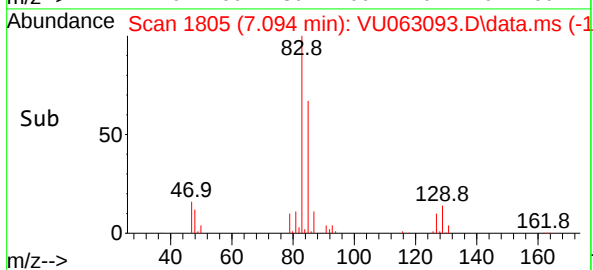
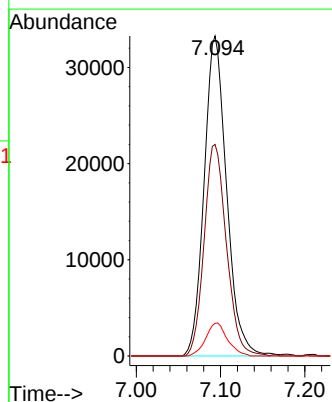
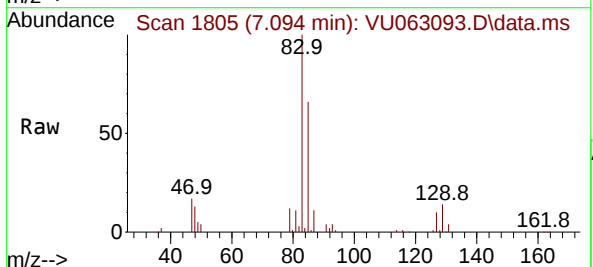
Instrument :
MSVOA_U
ClientSampleId :

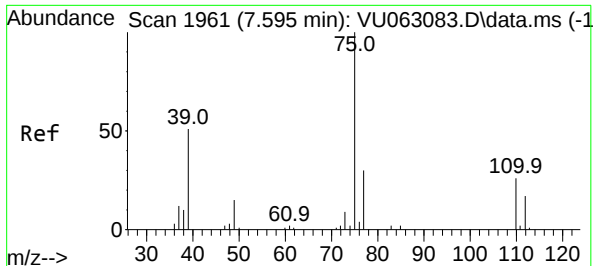
Tgt Ion: 63 Resp: 33409
Ion Ratio Lower Upper
63 100
112 5.9 3.8 5.8#



#38
Bromodichloromethane
Concen: 5.143 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VU063093.D
Acq: 29 Jan 2025 16:50

Tgt Ion: 83 Resp: 61810
Ion Ratio Lower Upper
83 100
85 66.1 44.2 82.0
127 10.2 7.8 11.8

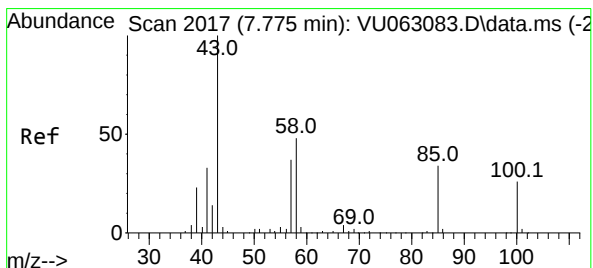
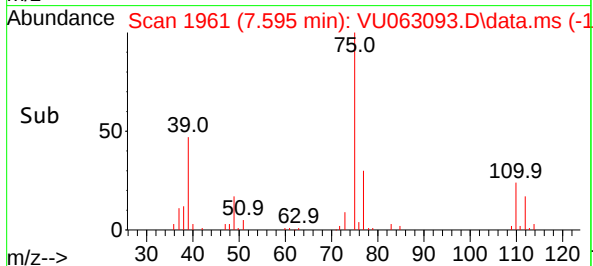
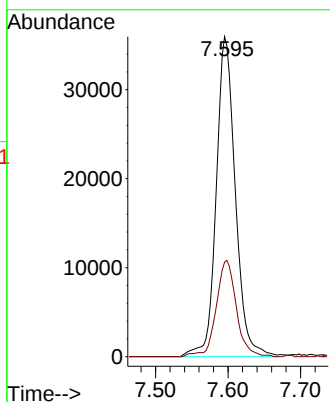
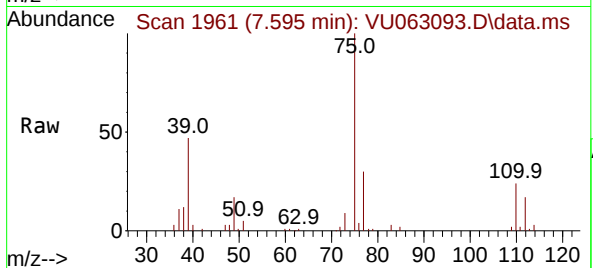




#39
 cis-1,3-Dichloropropene
 Concen: 5.841 ug/L
 RT: 7.595 min Scan# 1961
 Delta R.T. -0.000 min
 Lab File: VU063093.D
 Acq: 29 Jan 2025 16:50

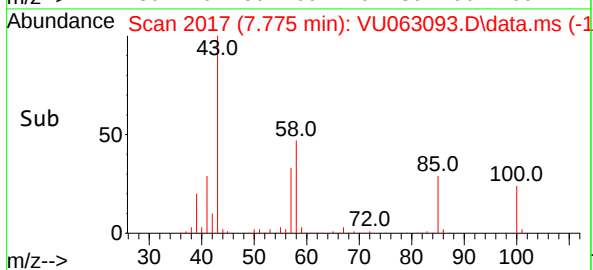
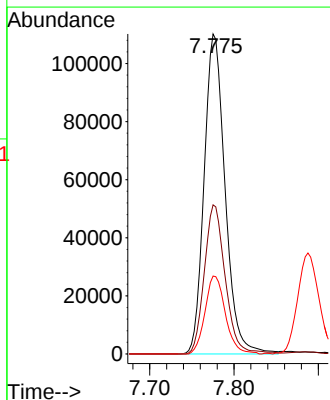
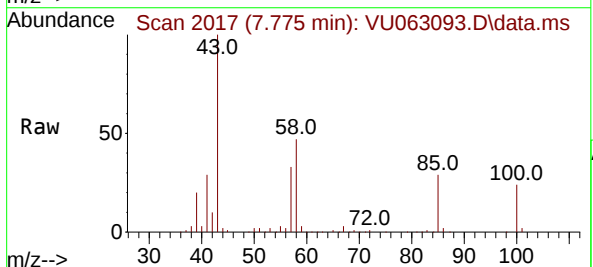
Instrument :
 MSVOA_U
 ClientSampleId :

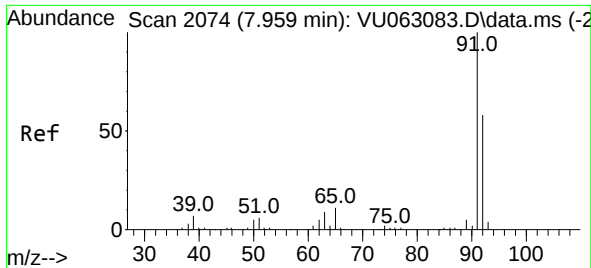
Tgt Ion: 75 Resp: 65952
 Ion Ratio Lower Upper
 75 100
 77 29.6 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 66.015 ug/L
 RT: 7.775 min Scan# 2017
 Delta R.T. -0.000 min
 Lab File: VU063093.D
 Acq: 29 Jan 2025 16:50

Tgt Ion: 43 Resp: 190990
 Ion Ratio Lower Upper
 43 100
 58 46.5 35.8 53.8
 100 23.6 16.8 25.2





#42

Toluene

Concen: 5.424 ug/L

RT: 7.958 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VU063093.D

Acq: 29 Jan 2025 16:50

Instrument :

MSVOA_U

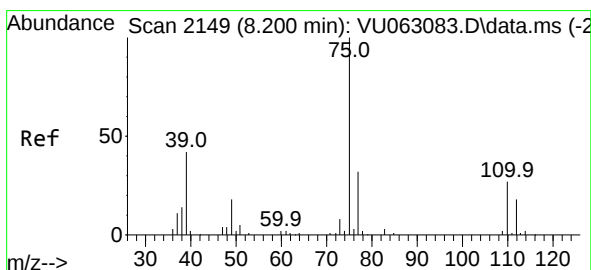
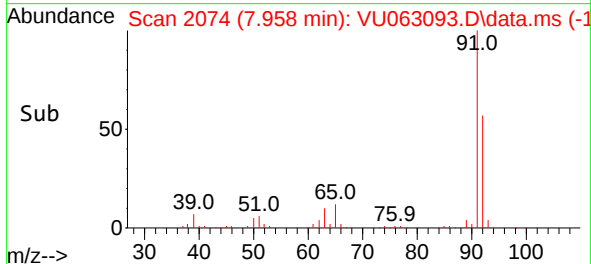
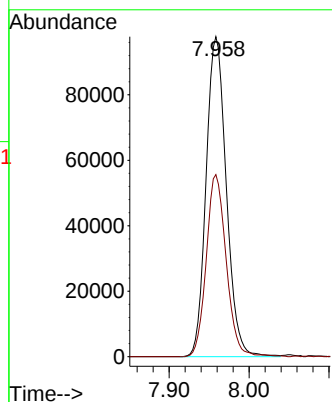
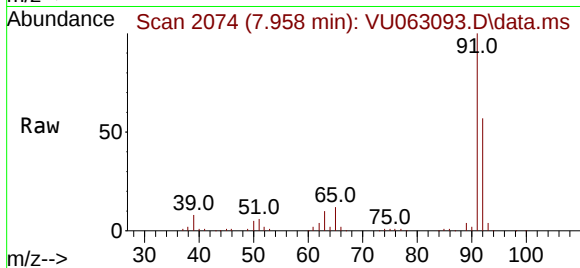
ClientSampleId :

Tgt Ion: 91 Resp: 171904

Ion Ratio Lower Upper

91 100

92 56.9 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 5.847 ug/L

RT: 8.200 min Scan# 2149

Delta R.T. -0.000 min

Lab File: VU063093.D

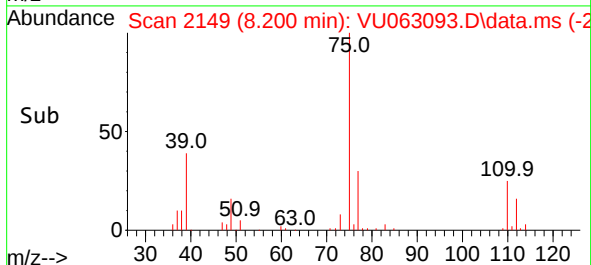
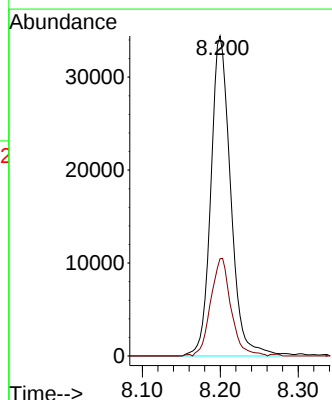
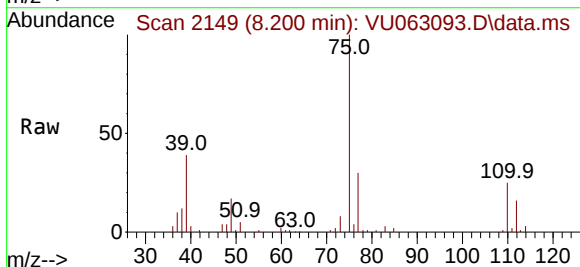
Acq: 29 Jan 2025 16:50

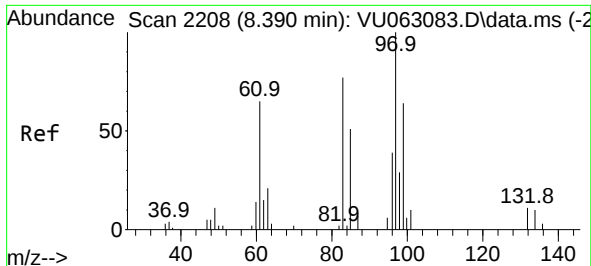
Tgt Ion: 75 Resp: 60815

Ion Ratio Lower Upper

75 100

77 30.4 21.8 40.6





#45

1,1,2-Trichloroethane

Concen: 5.665 ug/L

RT: 8.389 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063093.D

Acq: 29 Jan 2025 16:50

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 31976

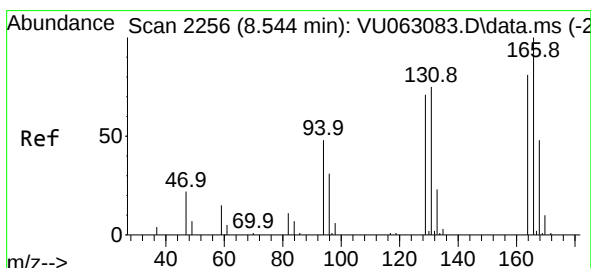
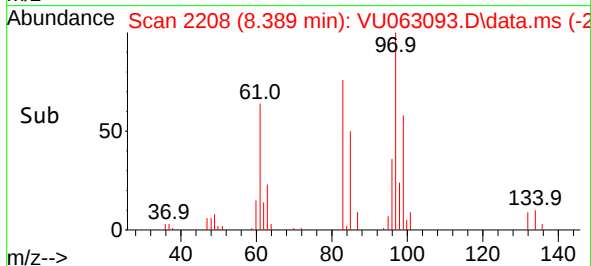
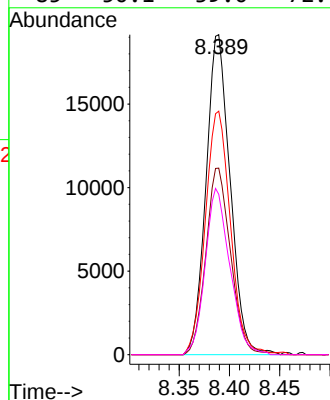
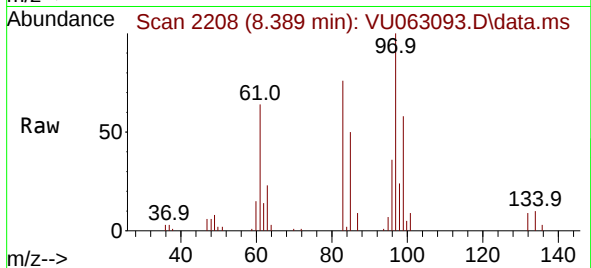
Ion Ratio Lower Upper

97 100

99 58.3 45.6 84.6

83 76.1 63.0 117.0

85 50.1 39.0 72.4



#47

Tetrachloroethene

Concen: 5.022 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.000 min

Lab File: VU063093.D

Acq: 29 Jan 2025 16:50

Tgt Ion:164 Resp: 39579

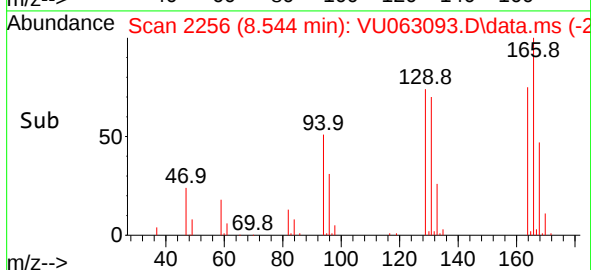
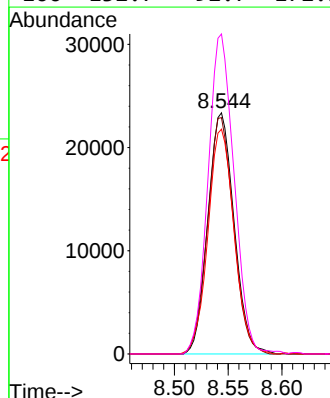
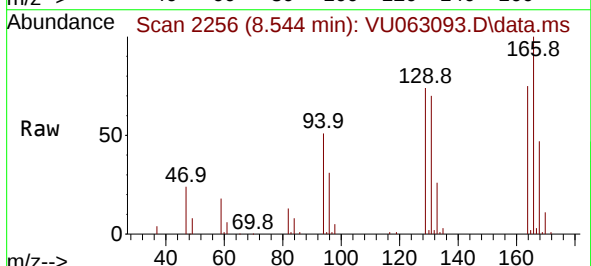
Ion Ratio Lower Upper

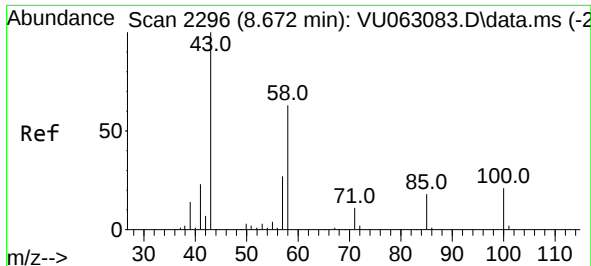
164 100

129 98.0 71.0 131.9

131 93.2 69.4 129.0

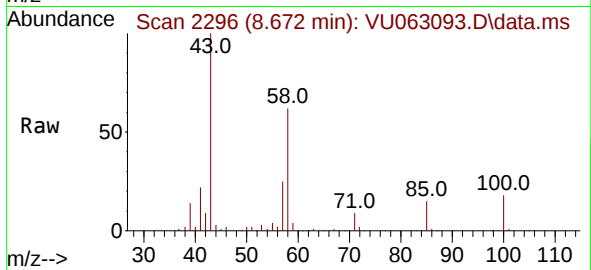
166 132.7 92.7 172.3



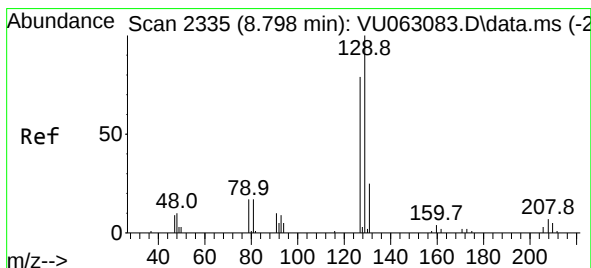
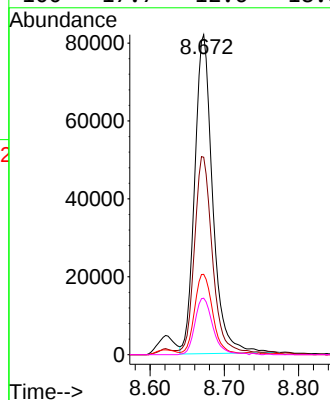
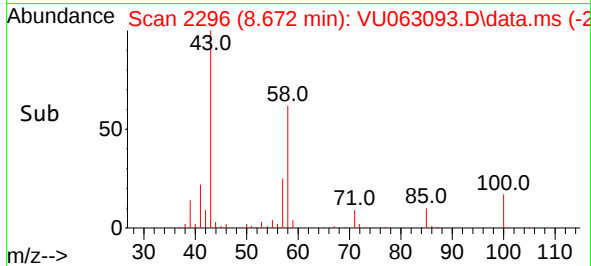


#48
2-Hexanone
Concen: 68.977 ug/L
RT: 8.672 min Scan# 2296
Delta R.T. -0.000 min
Lab File: VU063093.D
Acq: 29 Jan 2025 16:50

Instrument :
MSVOA_U
ClientSampleId :

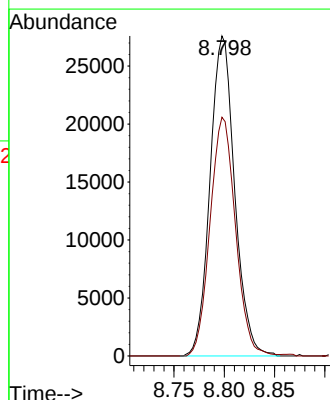
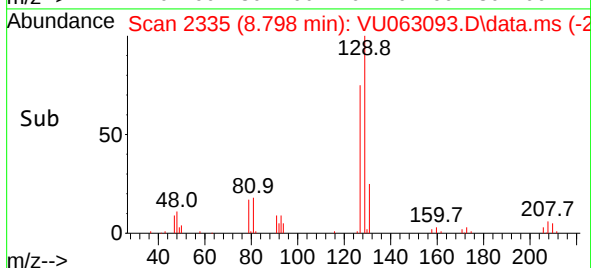
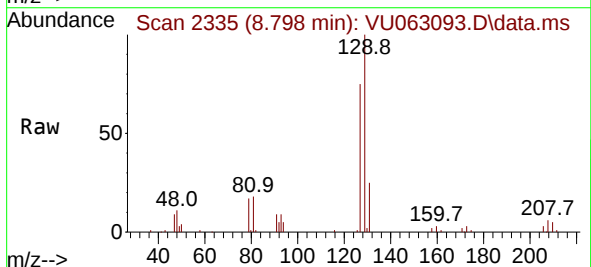


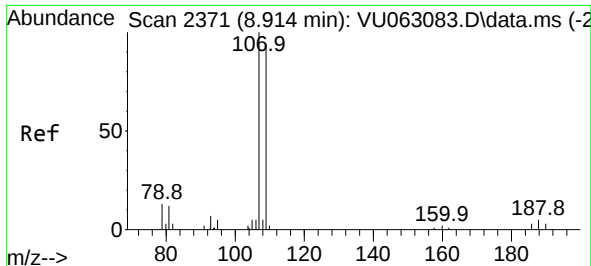
Tgt Ion:	43	Resp:	138416
Ion	Ratio	Lower	Upper
43	100		
58	61.1	50.2	75.4
57	24.7	19.9	29.9
100	17.7	12.6	18.8



#49
Dibromochloromethane
Concen: 5.343 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. -0.000 min
Lab File: VU063093.D
Acq: 29 Jan 2025 16:50

Tgt Ion:	129	Resp:	47061
Ion	Ratio	Lower	Upper
129	100		
127	74.6	52.1	96.9





#50

1,2-Dibromoethane

Concen: 5.706 ug/L

RT: 8.913 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063093.D

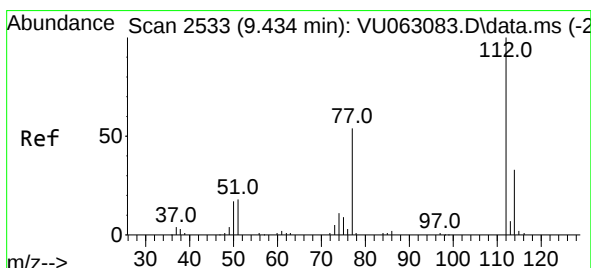
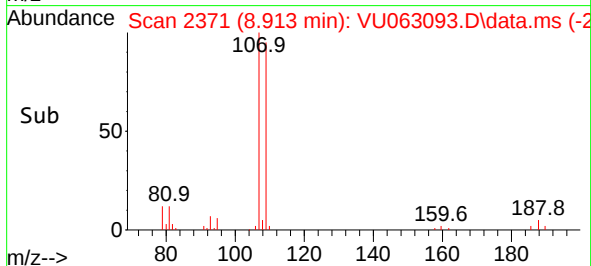
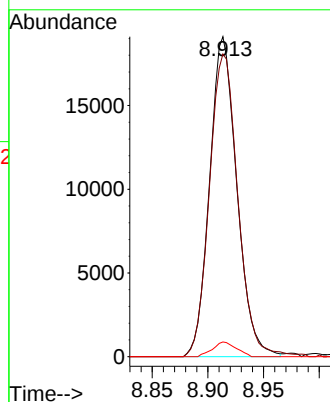
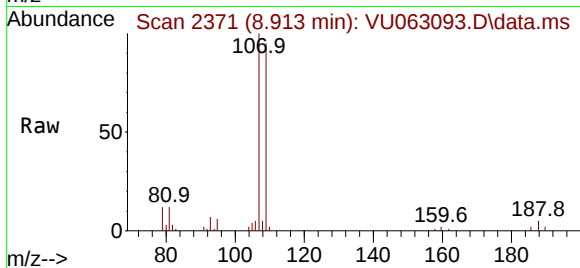
Acq: 29 Jan 2025 16:50

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	32531
Ion	Ratio	Lower	Upper
107	100		
109	94.6	65.7	121.9
188	4.6	3.4	5.2



#51

Chlorobenzene

Concen: 5.322 ug/L

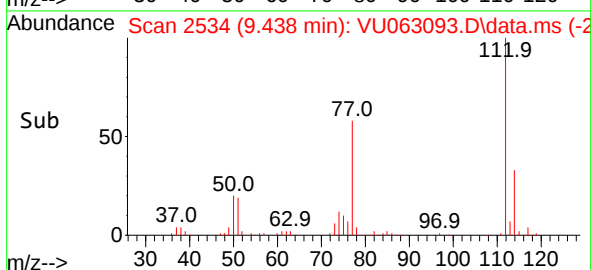
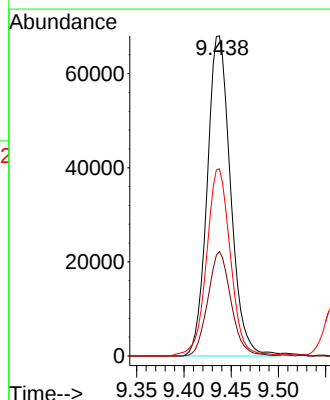
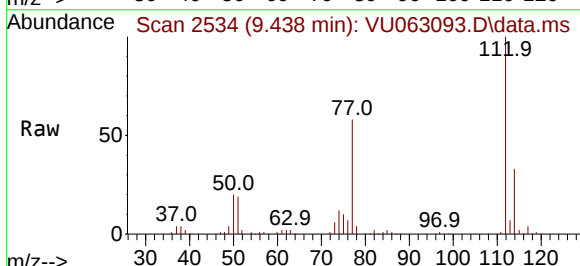
RT: 9.438 min Scan# 2534

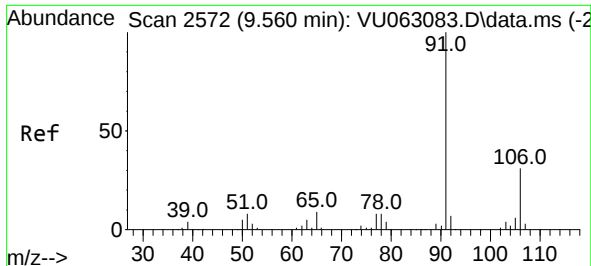
Delta R.T. 0.003 min

Lab File: VU063093.D

Acq: 29 Jan 2025 16:50

Tgt Ion:	112	Resp:	116951
Ion	Ratio	Lower	Upper
112	100		
114	32.6	21.7	40.3
77	58.5	48.6	73.0

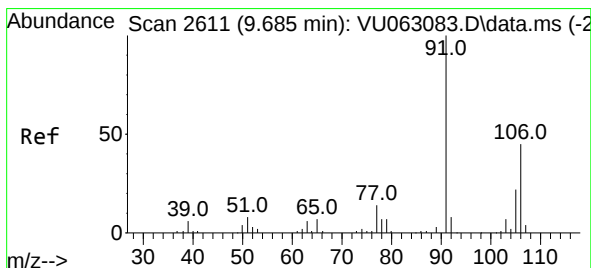
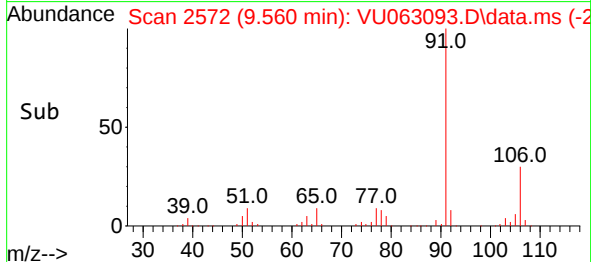
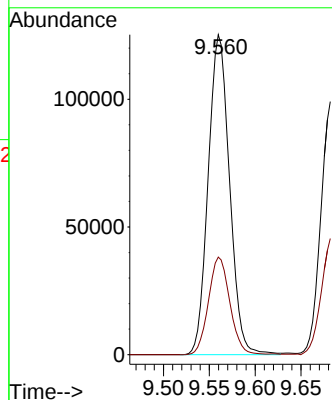
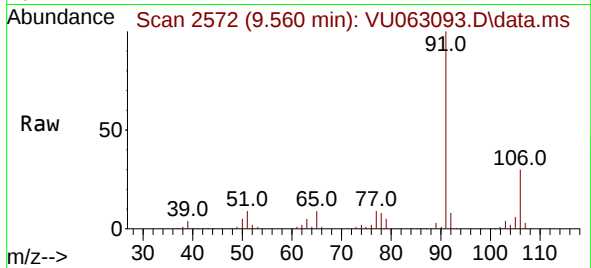




#52
Ethylbenzene
Concen: 5.488 ug/L
RT: 9.560 min Scan# 2572
Delta R.T. -0.000 min
Lab File: VU063093.D
Acq: 29 Jan 2025 16:50

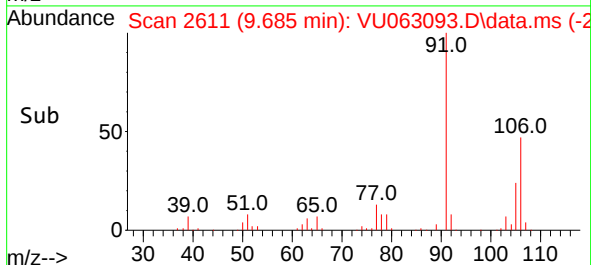
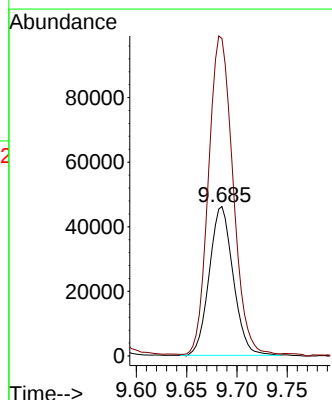
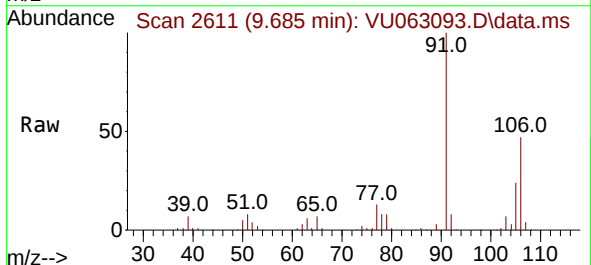
Instrument :
MSVOA_U
ClientSampleId :

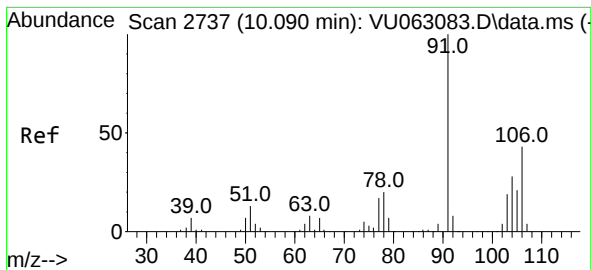
Tgt Ion: 91 Resp: 202701
Ion Ratio Lower Upper
91 100
106 30.5 21.9 40.7



#53
m,p-Xylene
Concen: 5.340 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU063093.D
Acq: 29 Jan 2025 16:50

Tgt Ion: 106 Resp: 76171
Ion Ratio Lower Upper
106 100
91 212.5 153.1 284.3





#54

o-Xylene

Concen: 5.146 ug/L

RT: 10.090 min Scan# 2737

Delta R.T. -0.000 min

Lab File: VU063093.D

Acq: 29 Jan 2025 16:50

Instrument :

MSVOA_U

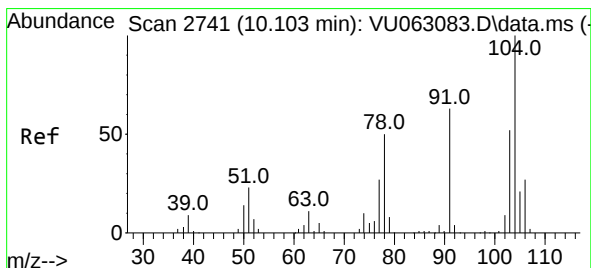
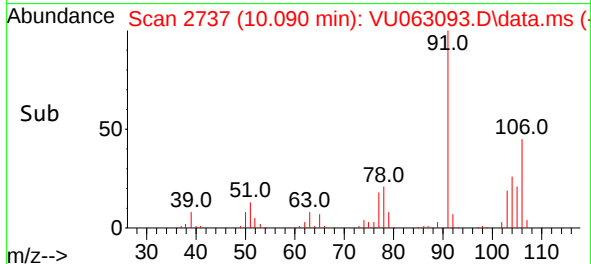
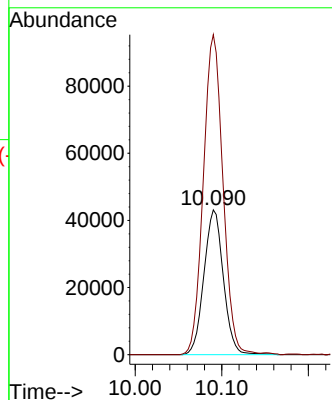
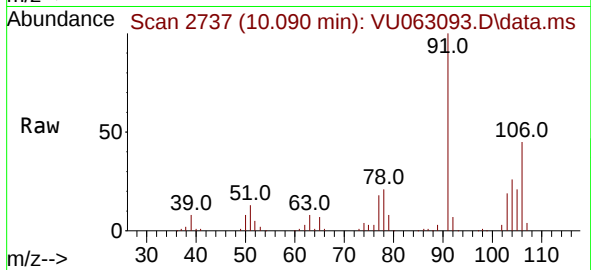
ClientSampleId :

Tgt Ion:106 Resp: 67255

Ion Ratio Lower Upper

106 100

91 220.9 160.4 297.8



#55

Styrene

Concen: 5.176 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. 0.003 min

Lab File: VU063093.D

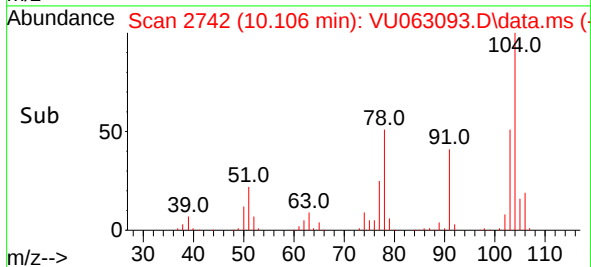
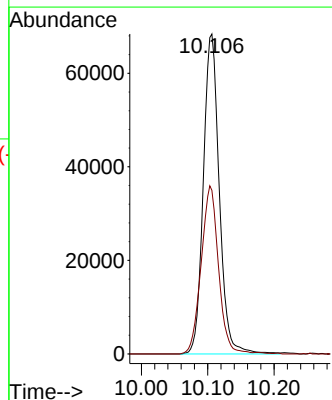
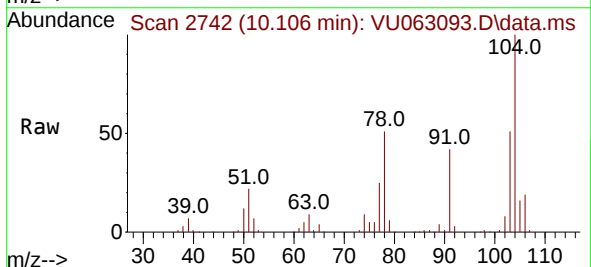
Acq: 29 Jan 2025 16:50

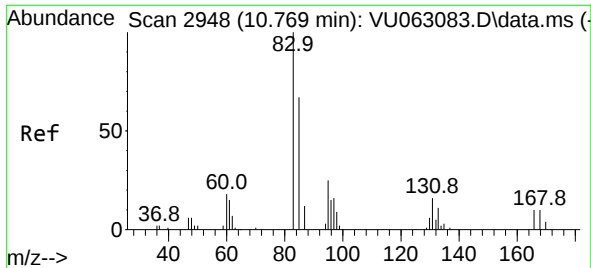
Tgt Ion:104 Resp: 114355

Ion Ratio Lower Upper

104 100

78 51.1 35.5 65.9

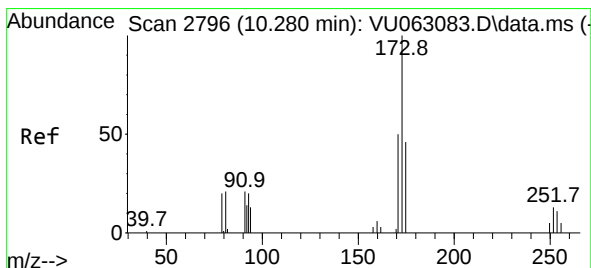
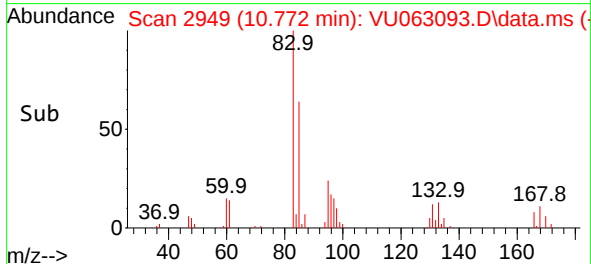
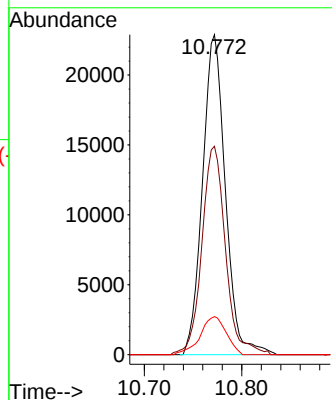
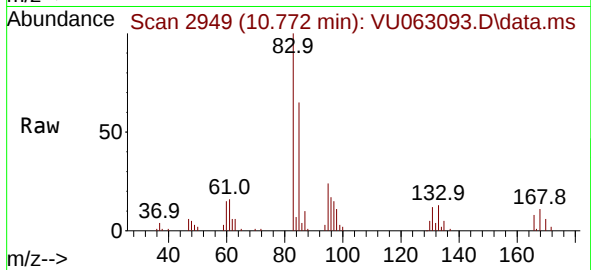




#57
1,1,2,2-Tetrachloroethane
Concen: 5.902 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU063093.D
Acq: 29 Jan 2025 16:50

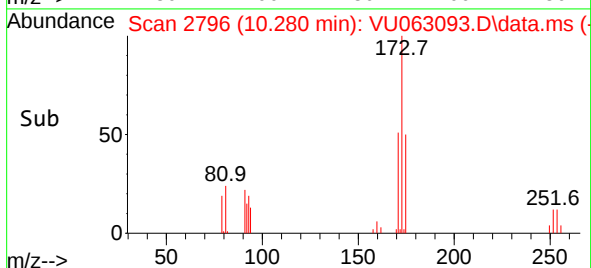
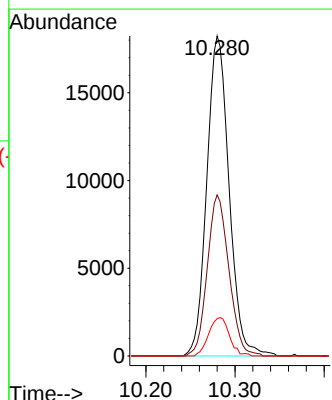
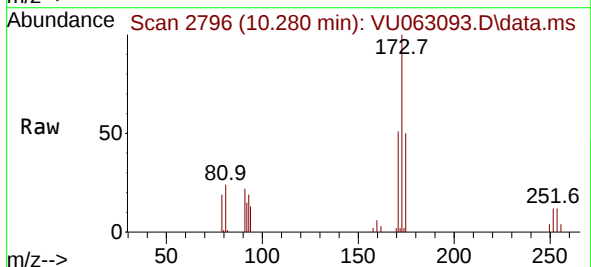
Instrument :
MSVOA_U
ClientSampleId :

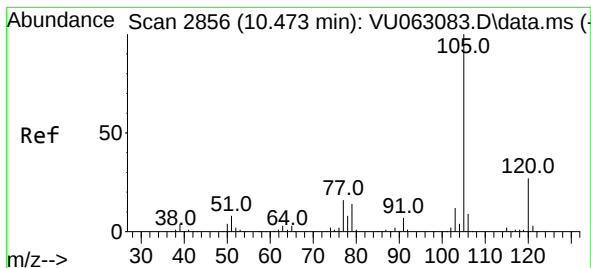
Tgt Ion: 83 Resp: 37269
Ion Ratio Lower Upper
83 100
85 65.1 43.0 79.8
131 11.9 7.4 11.0#



#59
Bromoform
Concen: 5.136 ug/L
RT: 10.280 min Scan# 2796
Delta R.T. -0.000 min
Lab File: VU063093.D
Acq: 29 Jan 2025 16:50

Tgt Ion:173 Resp: 31643
Ion Ratio Lower Upper
173 100
175 48.8 39.8 59.8
254 11.1 8.6 12.8





#60

Isopropylbenzene

Concen: 5.304 ug/L

RT: 10.473 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063093.D

Acq: 29 Jan 2025 16:50

Instrument :

MSVOA_U

ClientSampleId :

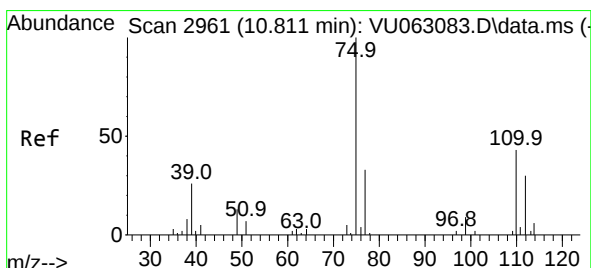
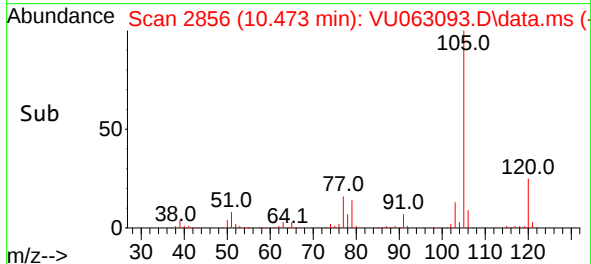
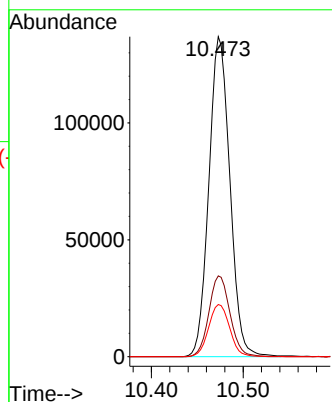
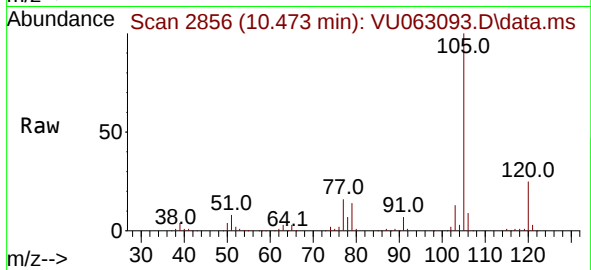
Tgt Ion:105 Resp: 217957

Ion Ratio Lower Upper

105 100

120 25.4 20.2 30.2

77 16.3 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 5.460 ug/L

RT: 10.810 min Scan# 2961

Delta R.T. -0.000 min

Lab File: VU063093.D

Acq: 29 Jan 2025 16:50

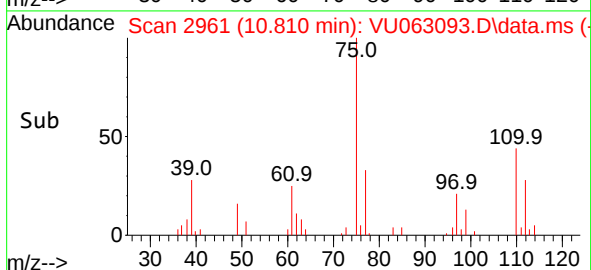
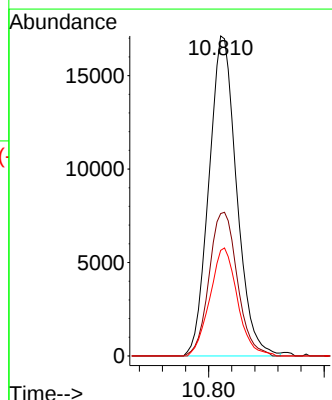
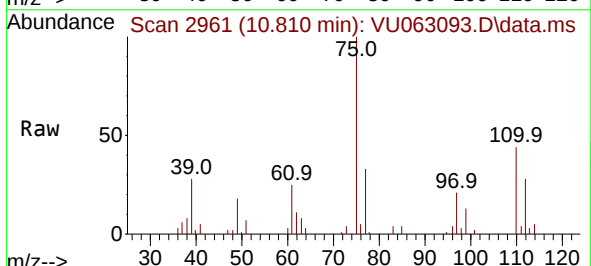
Tgt Ion: 75 Resp: 28488

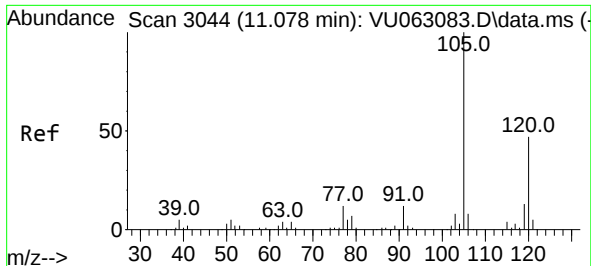
Ion Ratio Lower Upper

75 100

110 45.8 33.2 49.8

77 33.6 25.9 38.9





#62

1,3,5-Trimethylbenzene

Concen: 5.291 ug/L

RT: 11.077 min Scan# 3044

Delta R.T. -0.000 min

Lab File: VU063093.D

Acq: 29 Jan 2025 16:50

Instrument :

MSVOA_U

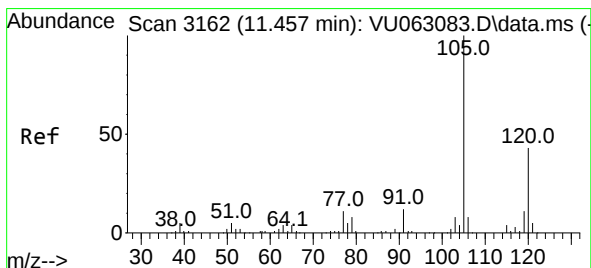
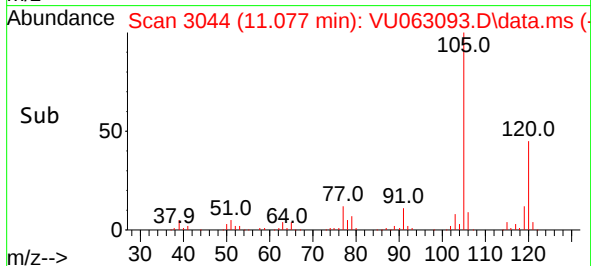
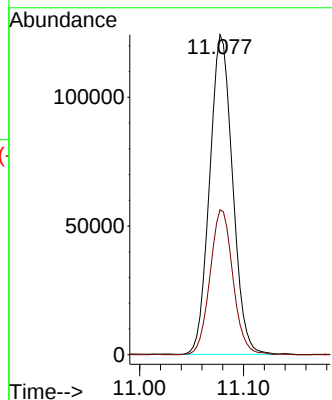
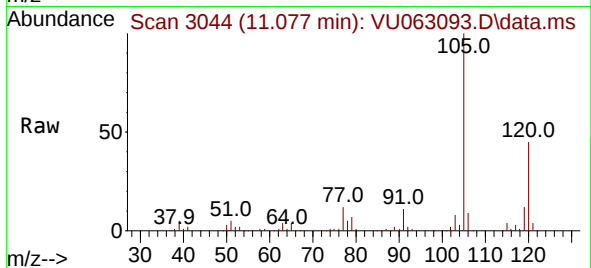
ClientSampleId :

Tgt Ion:105 Resp: 190592

Ion Ratio Lower Upper

105 100

120 45.3 35.9 53.9



#63

1,2,4-Trimethylbenzene

Concen: 5.479 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VU063093.D

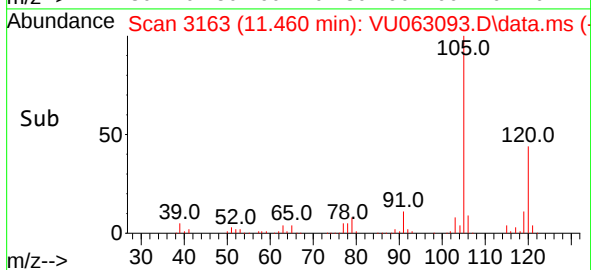
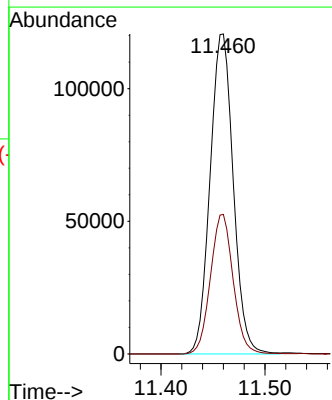
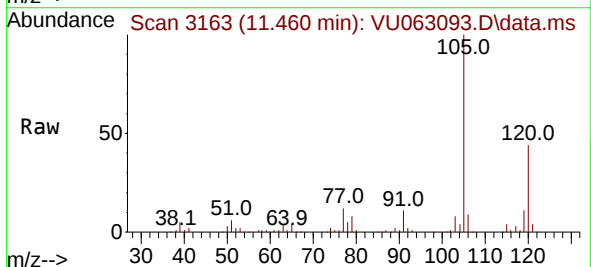
Acq: 29 Jan 2025 16:50

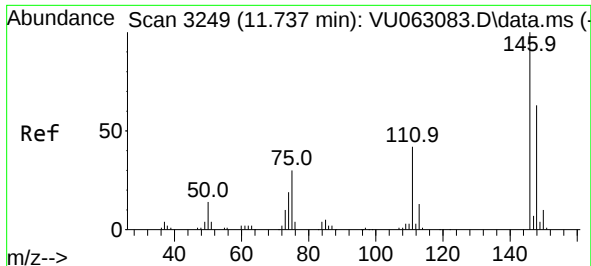
Tgt Ion:105 Resp: 186671

Ion Ratio Lower Upper

105 100

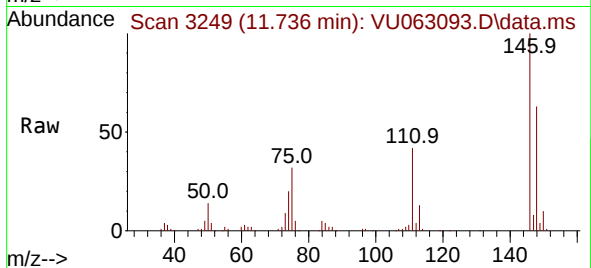
120 42.8 34.2 51.2



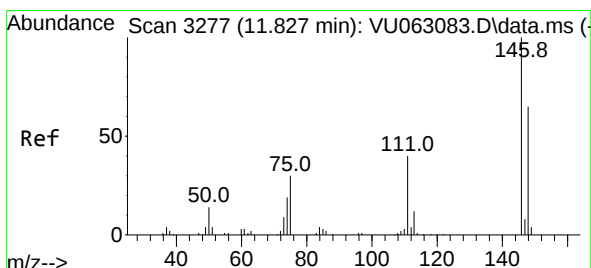
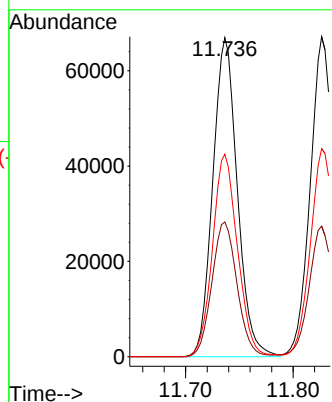
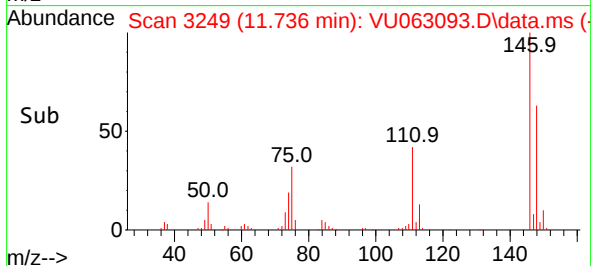


#64
1,3-Dichlorobenzene
Concen: 5.079 ug/L
RT: 11.736 min Scan# 3249
Delta R.T. -0.000 min
Lab File: VU063093.D
Acq: 29 Jan 2025 16:50

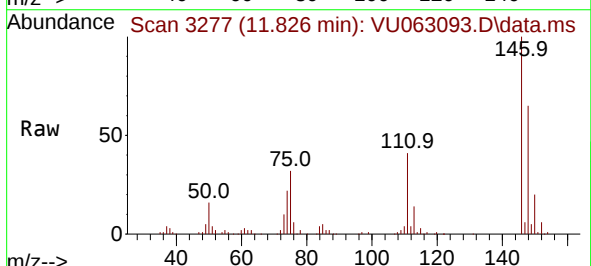
Instrument :
MSVOA_U
ClientSampleId :



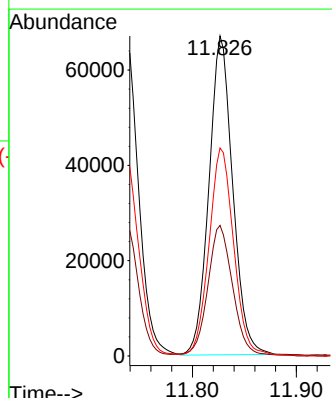
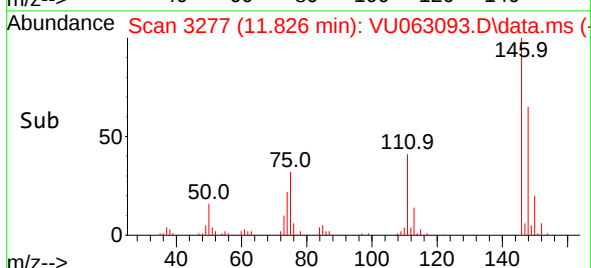
Tgt Ion:146 Resp: 105940
Ion Ratio Lower Upper
146 100
111 42.2 28.6 53.0
148 63.5 44.0 81.6

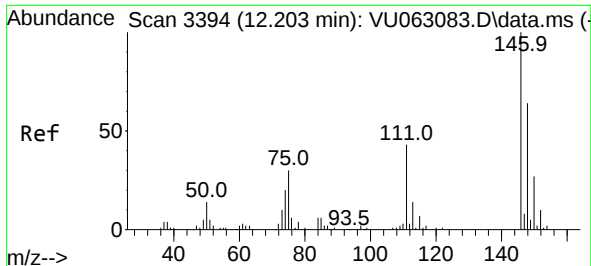


#65
1,4-Dichlorobenzene
Concen: 5.074 ug/L
RT: 11.826 min Scan# 3277
Delta R.T. -0.000 min
Lab File: VU063093.D
Acq: 29 Jan 2025 16:50



Tgt Ion:146 Resp: 106168
Ion Ratio Lower Upper
146 100
111 40.8 29.5 54.9
148 65.0 45.1 83.9





#67

1,2-Dichlorobenzene

Concen: 5.096 ug/L

RT: 12.203 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU063093.D

Acq: 29 Jan 2025 16:50

Instrument :

MSVOA_U

ClientSampleId :

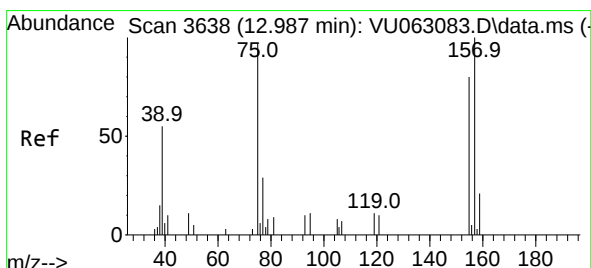
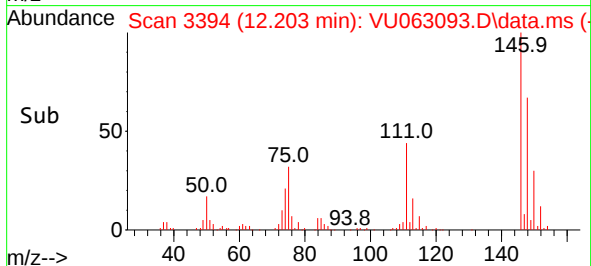
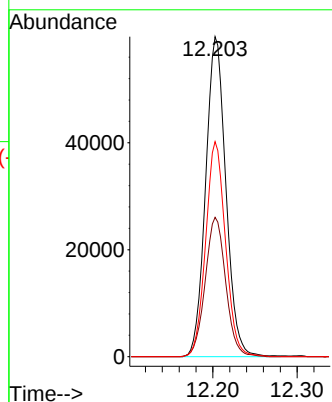
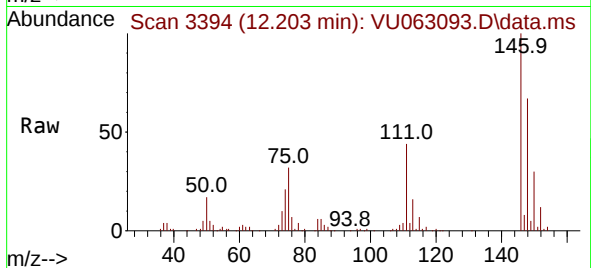
Tgt Ion:146 Resp: 100021

Ion Ratio Lower Upper

146 100

111 43.5 36.3 54.5

148 67.2 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 6.542 ug/L

RT: 12.984 min Scan# 3637

Delta R.T. -0.003 min

Lab File: VU063093.D

Acq: 29 Jan 2025 16:50

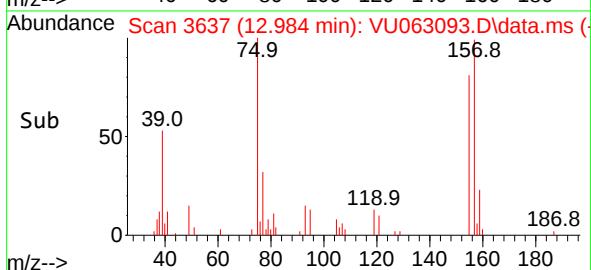
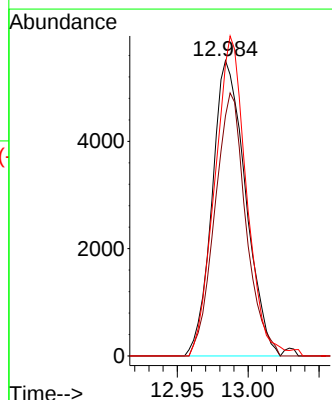
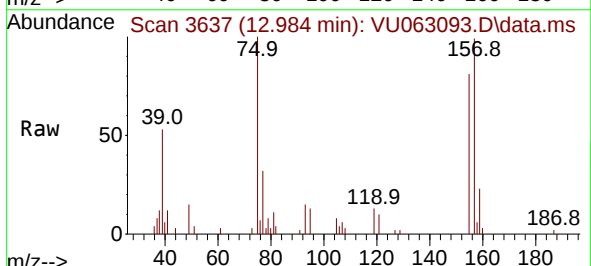
Tgt Ion: 75 Resp: 9027

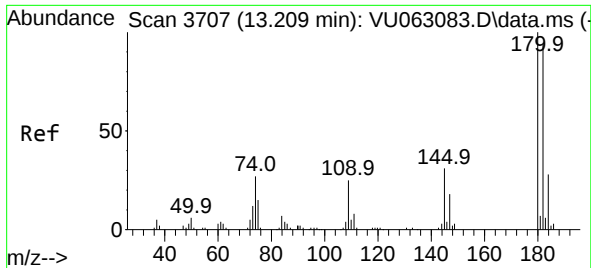
Ion Ratio Lower Upper

75 100

155 81.3 59.6 89.4

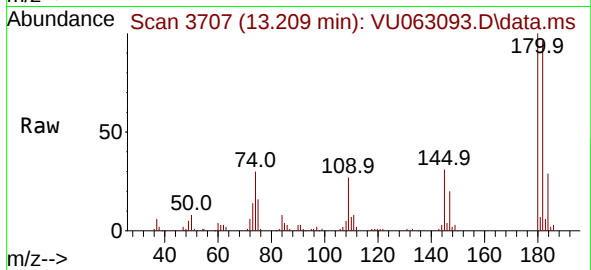
157 98.7 70.8 106.2



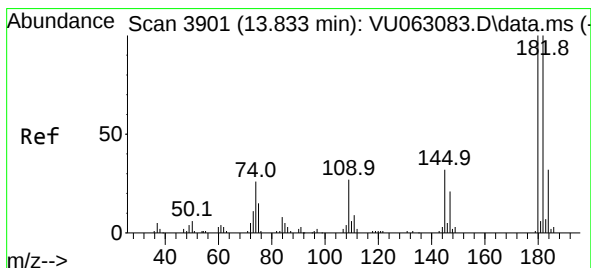
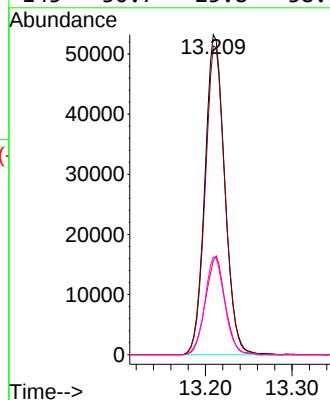
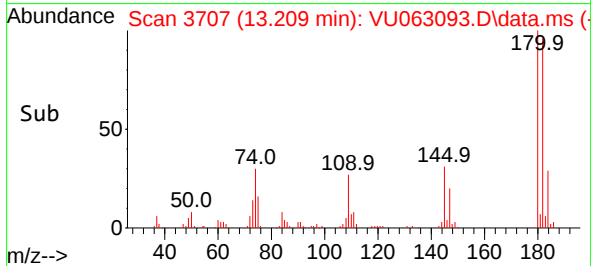


#69
 1,3,5-Trichlorobenzene
 Concen: 5.084 ug/L
 RT: 13.209 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU063093.D
 Acq: 29 Jan 2025 16:50

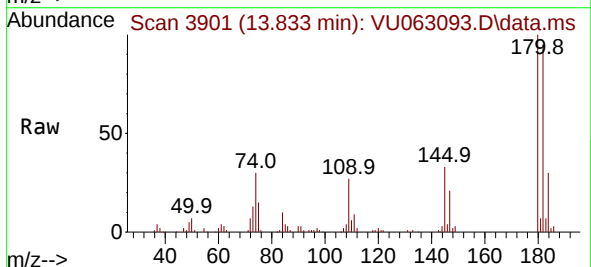
Instrument :
 MSVOA_U
 ClientSampleId :



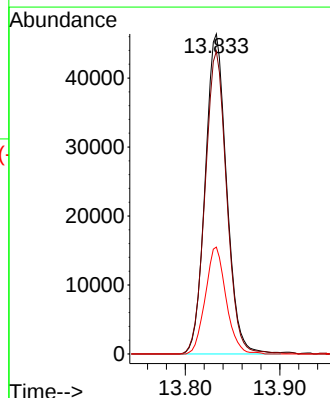
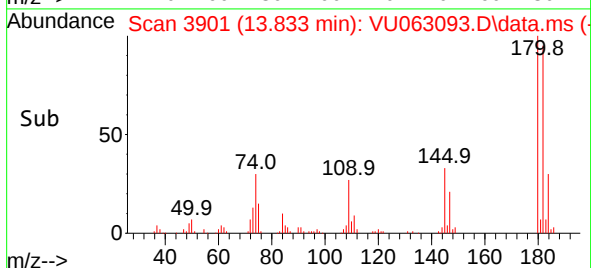
Tgt Ion:180 Resp: 84720
 Ion Ratio Lower Upper
 180 100
 182 96.2 75.8 113.8
 184 30.5 24.7 37.1
 145 30.7 25.8 38.6

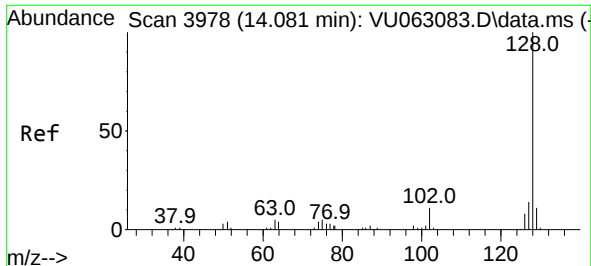


#70
 1,2,4-trichlorobenzene
 Concen: 5.609 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. -0.000 min
 Lab File: VU063093.D
 Acq: 29 Jan 2025 16:50



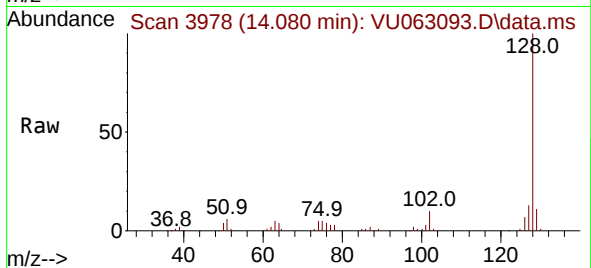
Tgt Ion:180 Resp: 73154
 Ion Ratio Lower Upper
 180 100
 182 95.2 77.1 115.7
 145 32.3 26.9 40.3



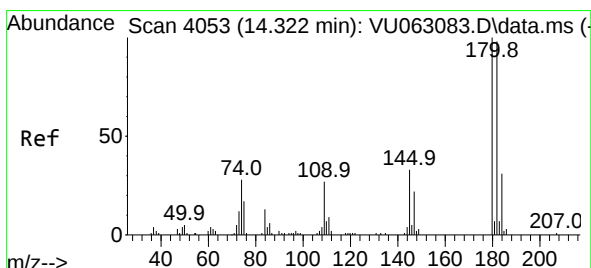
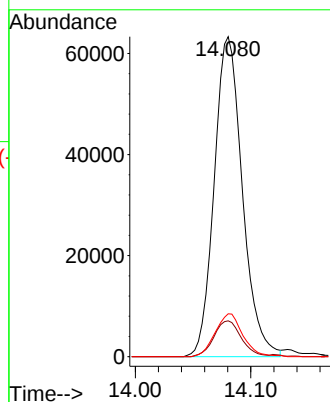
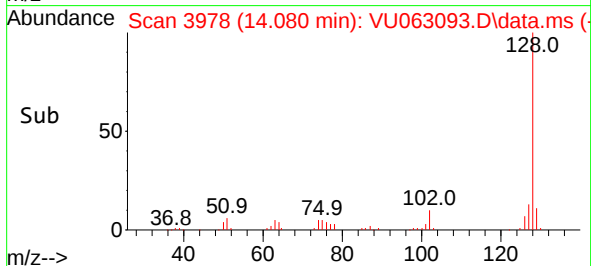


#71
Naphthalene
Concen: 6.409 ug/L
RT: 14.080 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU063093.D
Acq: 29 Jan 2025 16:50

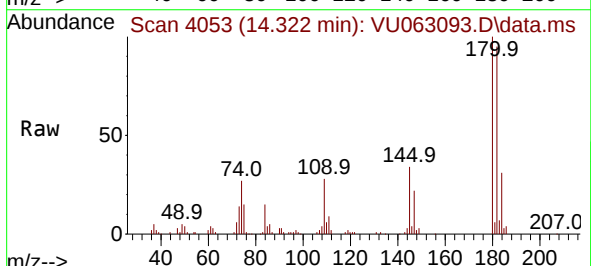
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 107259
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 13.2 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.692 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU063093.D
Acq: 29 Jan 2025 16:50



Tgt Ion:180 Resp: 64145
Ion Ratio Lower Upper
180 100
182 94.7 79.8 119.6
145 33.5 29.2 43.8

