

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031325\
 Data File : VU063279.D
 Acq On : 13 Mar 2025 11:16
 Operator : MD/SY
 Sample : VU0313WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK162

Quant Time: Mar 14 10:26:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022125WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 14 10:17:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	193889	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	193392	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	76481	5.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	67839	4.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.60%
7) Chloroethane-d5	1.898	69	64974	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.554	65	31992	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.40%
20) 2-Butanone-d5	4.608	46	191281	54.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.70%
24) Chloroform-d	5.049	84	144719	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.689	65	76365	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.714	84	291021	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.679	67	95421	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.888	98	239098	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
43) trans-1,3-Dichloroprop...	8.171	79	27230	3.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.00%
46) 2-Hexanone-d5	8.621	63	140231	51.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.16%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	75562	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
66) 1,2-Dichlorobenzene-d4	12.187	152	74754	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds				Qvalue		
3) Chloromethane	1.515	50	972	0.05	ug/L	96
5) Vinyl chloride	1.599	62	421	0.02	ug/L #	1
6) Bromomethane	1.837	94	254	0.02	ug/L #	3
8) Chloroethane	1.917	64	130	0.01	ug/L #	60
10) 1,1,2-Trichloro-1,2,2-...	2.554	101	814	0.06	ug/L #	21
12) 1,1-Dichloroethene	2.550	96	833	0.06	ug/L #	1
13) Acetone	2.618	43	1030	0.46	ug/L	66
14) Carbon disulfide	2.782	76	1112	0.02	ug/L #	75
15) Methyl Acetate	3.177	43	1573	0.27	ug/L #	50
16) Methylene chloride	3.033	84	1257	0.07	ug/L	97
17) Methyl tert-butyl Ether	3.174	73	535	0.02	ug/L #	1
21) 2-Butanone	4.705	43	278	0.08	ug/L #	46
25) Chloroform	5.090	83	70	0.00	ug/L	89
27) 1,2-Dichloroethane	5.717	62	1664	0.09	ug/L #	75
33) Benzene	5.762	78	123	0.00	ug/L	100
34) Trichloroethene	6.544	95	181	0.01	ug/L	83
35) Methylcyclohexane	6.679	83	21376	0.87	ug/L #	18
37) 1,2-Dichloropropane	6.679	63	10148	0.56	ug/L #	89
38) Bromodichloromethane	7.100	83	41	0.00	ug/L #	25

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

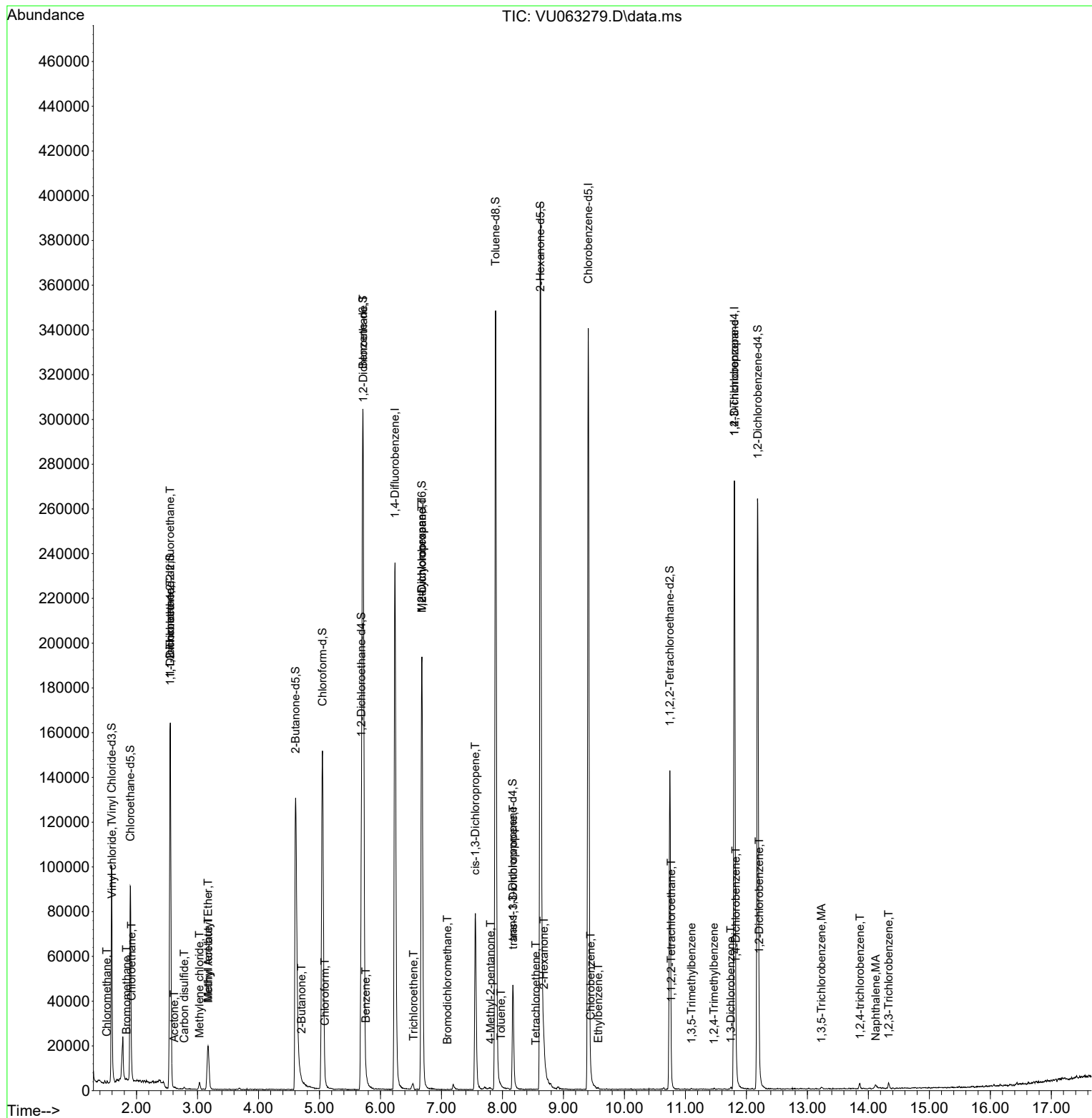
39) cis-1,3-Dichloropropene	7.553	75	1794	0.07	ug/L #	57
40) 4-Methyl-2-pentanone	7.804	43	606	0.06	ug/L #	80
42) Toluene	7.978	91	350	0.01	ug/L #	23
44) trans-1,3-Dichloropropene	8.177	75	1178	0.06	ug/L	98
47) Tetrachloroethene	8.547	164	66	0.01	ug/L #	1
48) 2-Hexanone	8.679	43	9376	1.43	ug/L #	72
51) Chlorobenzene	9.447	112	346	0.01	ug/L #	28
52) Ethylbenzene	9.573	91	413	0.01	ug/L #	43
57) 1,1,2,2-Tetrachloroethane	10.769	83	61	0.00	ug/L #	1
61) 1,2,3-Trichloropropane	11.804	75	10157	1.09	ug/L #	67
62) 1,3,5-Trimethylbenzene	11.100	105	262	0.01	ug/L #	30
63) 1,2,4-Trimethylbenzene	11.470	105	419	0.01	ug/L #	39
64) 1,3-Dichlorobenzene	11.746	146	486	0.02	ug/L #	75
65) 1,4-Dichlorobenzene	11.830	146	459	0.02	ug/L #	48
67) 1,2-Dichlorobenzene	12.209	146	593	0.02	ug/L	87
69) 1,3,5-Trichlorobenzene	13.228	180	634	0.03	ug/L #	76
70) 1,2,4-trichlorobenzene	13.862	180	1189	0.09	ug/L #	78
71) Naphthalene	14.122	128	2397	0.14	ug/L #	89
72) 1,2,3-Trichlorobenzene	14.334	180	1154	0.10	ug/L	96

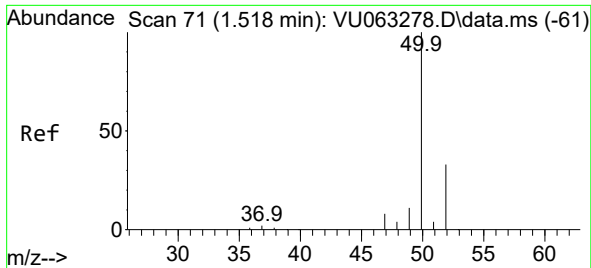
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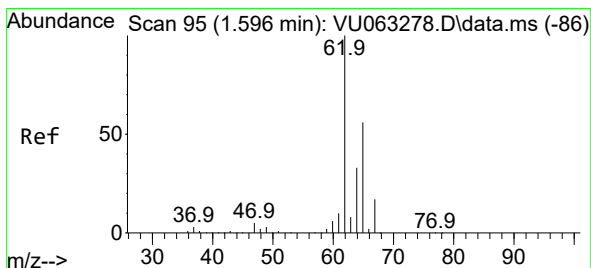
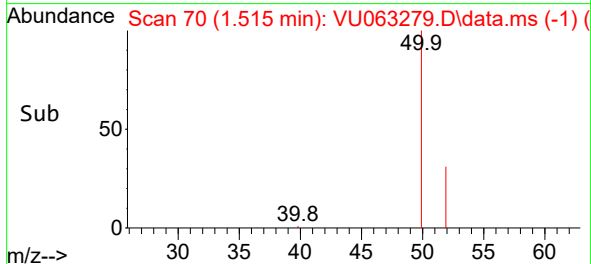
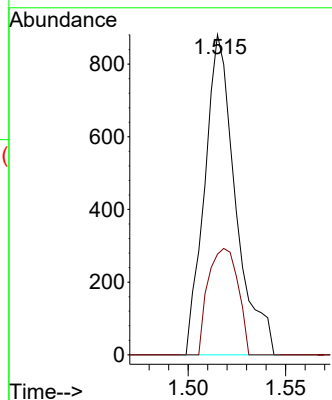
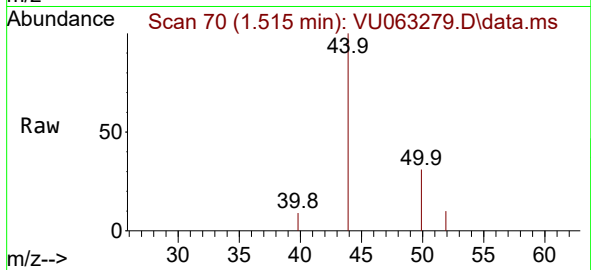




#3
Chloromethane
Concen: 0.05 ug/L
RT: 1.515 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU063279.D
Acq: 13 Mar 2025 11:16

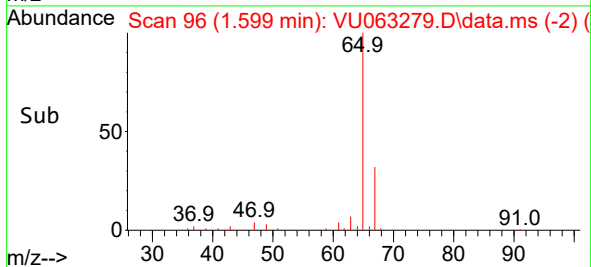
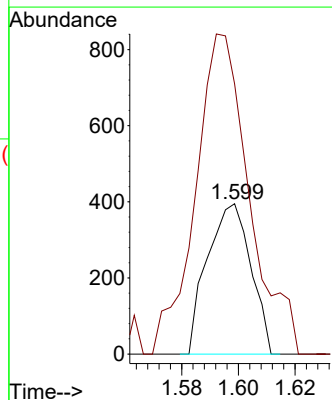
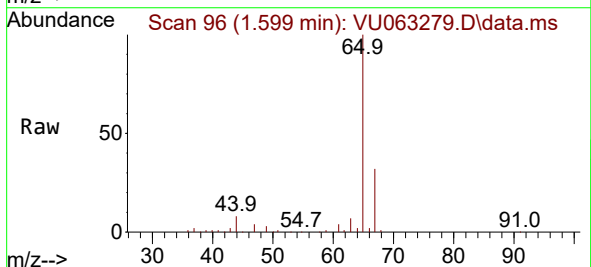
Instrument :
MSVOA_U
ClientSampleId :
VBLK162

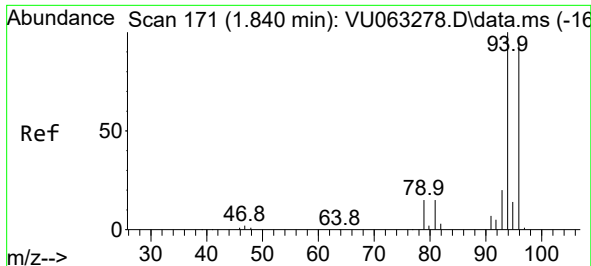
Tgt Ion: 50 Resp: 972
Ion Ratio Lower Upper
50 100
52 31.4 23.5 43.7



#5
Vinyl chloride
Concen: 0.02 ug/L
RT: 1.599 min Scan# 96
Delta R.T. 0.003 min
Lab File: VU063279.D
Acq: 13 Mar 2025 11:16

Tgt Ion: 62 Resp: 421
Ion Ratio Lower Upper
62 100
64 179.7 23.3 43.3#

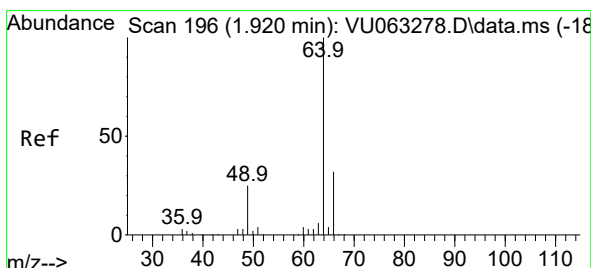
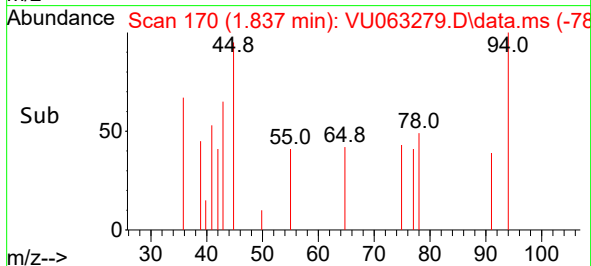
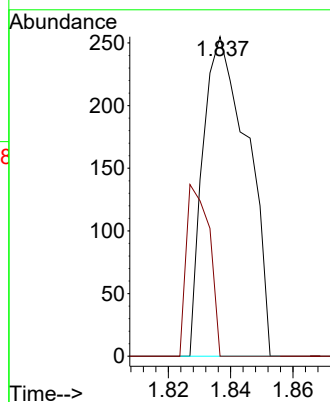
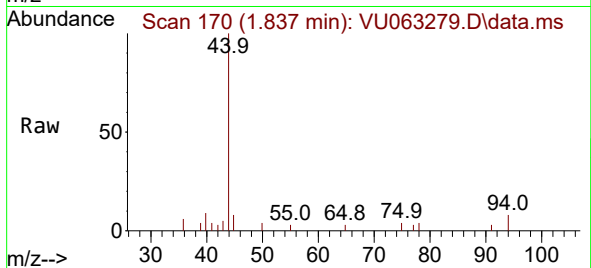




#6
Bromomethane
Concen: 0.02 ug/L
RT: 1.837 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU063279.D
Acq: 13 Mar 2025 11:16

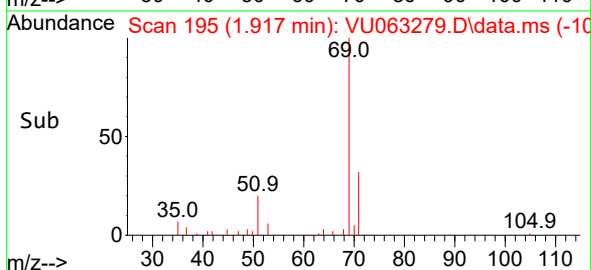
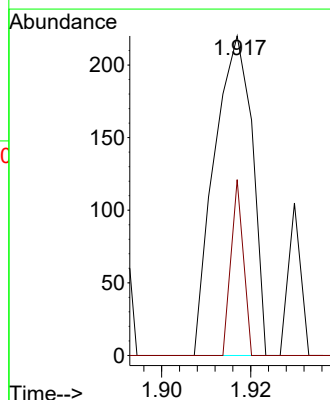
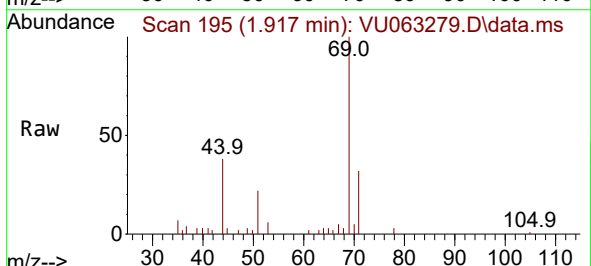
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ClientSampleId :
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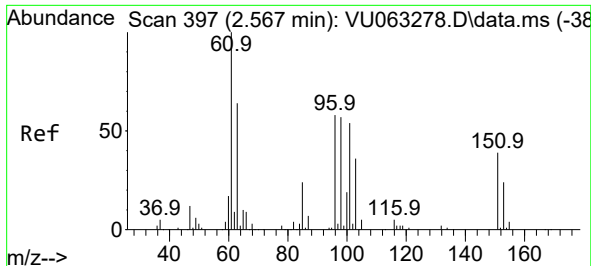
Tgt Ion: 94 Resp: 254
Ion Ratio Lower Upper
94 100
96 0.0 65.6 121.8#



#8
Chloroethane
Concen: 0.01 ug/L
RT: 1.917 min Scan# 195
Delta R.T. -0.003 min
Lab File: VU063279.D
Acq: 13 Mar 2025 11:16

Tgt Ion: 64 Resp: 130
Ion Ratio Lower Upper
64 100
66 55.0 22.7 42.3#

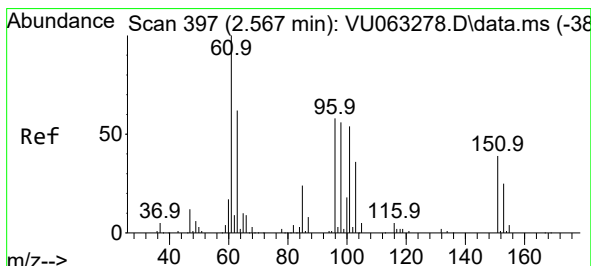
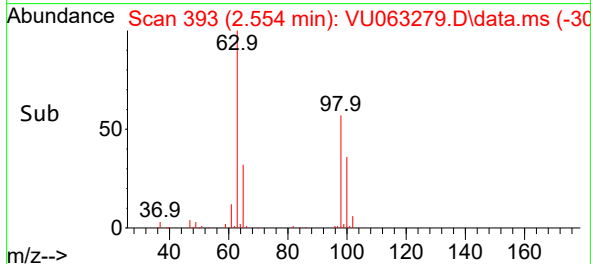
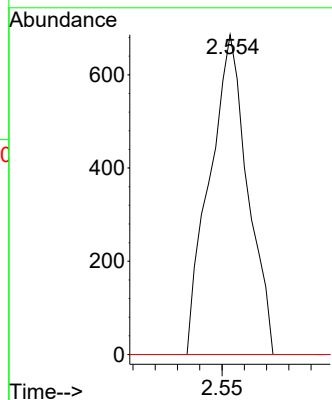
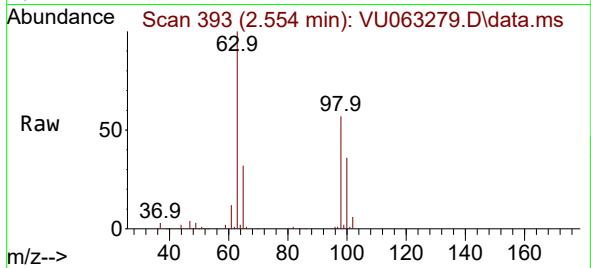




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.06 ug/L
RT: 2.554 min Scan# 391
Delta R.T. -0.013 min
Lab File: VU063279.D
Acq: 13 Mar 2025 11:16

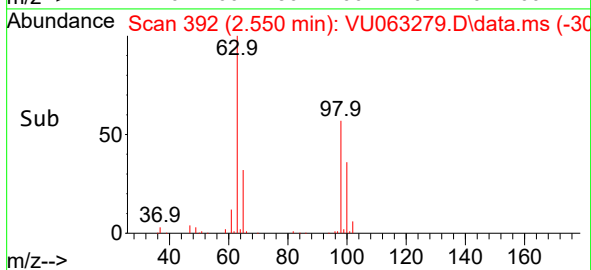
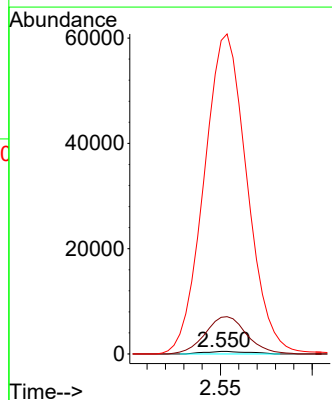
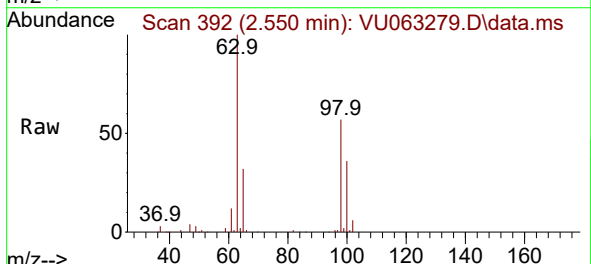
Instrument :
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VBLK162

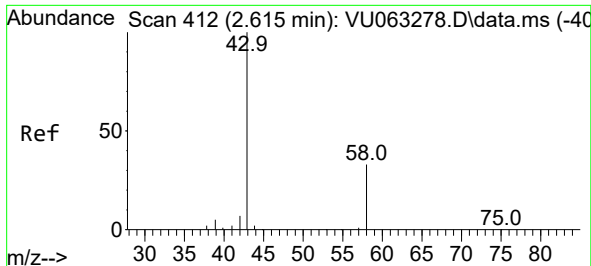
Tgt Ion:101 Resp: 814
Ion Ratio Lower Upper
101 100
85 0.0 35.8 53.6#
151 0.0 56.4 84.6#



#12
1,1-Dichloroethene
Concen: 0.06 ug/L
RT: 2.550 min Scan# 392
Delta R.T. -0.016 min
Lab File: VU063279.D
Acq: 13 Mar 2025 11:16

Tgt Ion: 96 Resp: 833
Ion Ratio Lower Upper
96 100
61 1456.4 117.8 218.8#
63 12479.7 86.0 159.6#





#13

Acetone

Concen: 0.46 ug/L

RT: 2.618 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU063279.D

Acq: 13 Mar 2025 11:16

Instrument :

MSVOA_U

ClientSampleId :

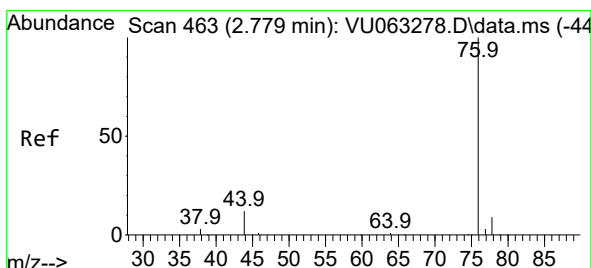
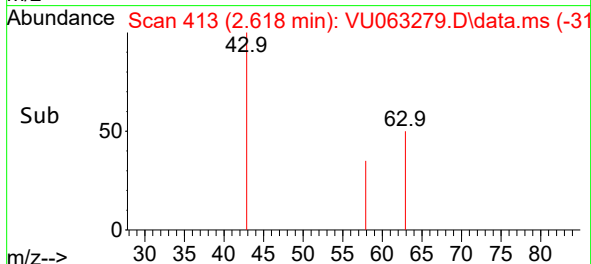
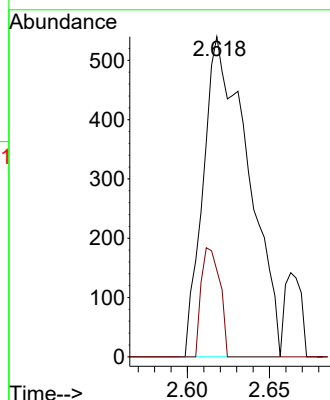
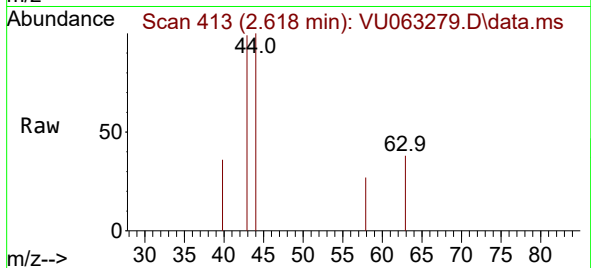
VBLK162

Tgt Ion: 43 Resp: 1030

Ion Ratio Lower Upper

43 100

58 14.0 0.0 66.8



#14

Carbon disulfide

Concen: 0.02 ug/L

RT: 2.782 min Scan# 464

Delta R.T. 0.003 min

Lab File: VU063279.D

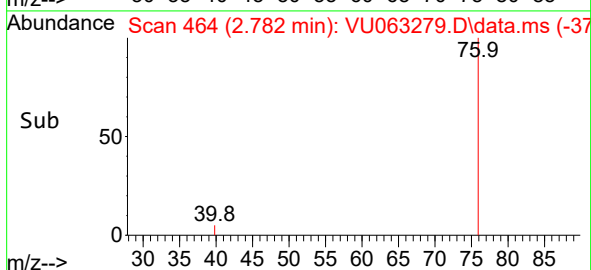
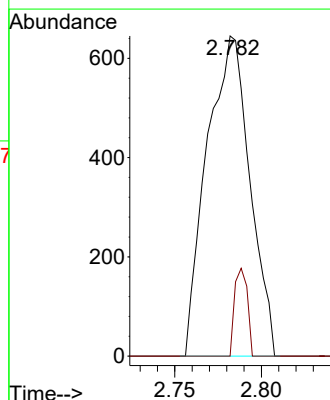
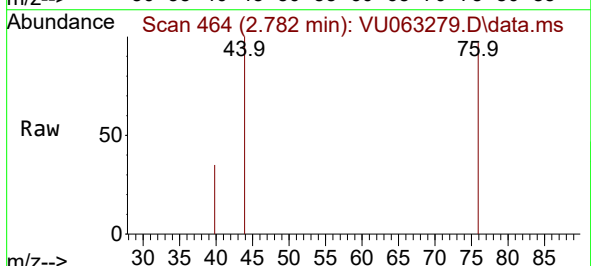
Acq: 13 Mar 2025 11:16

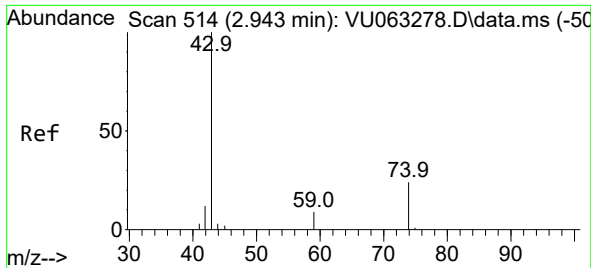
Tgt Ion: 76 Resp: 1112

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#

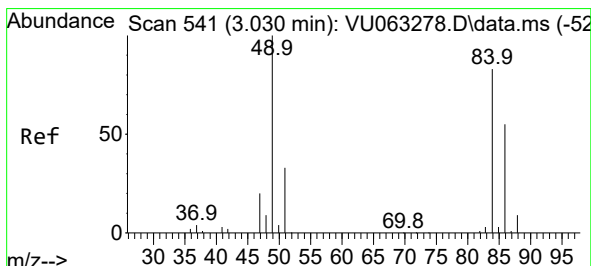
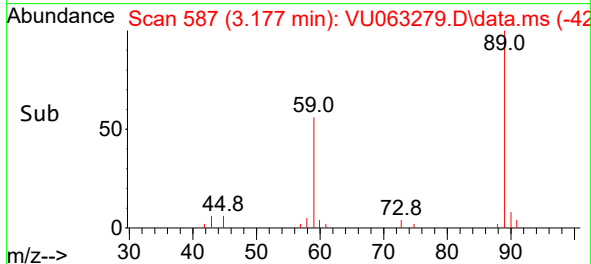
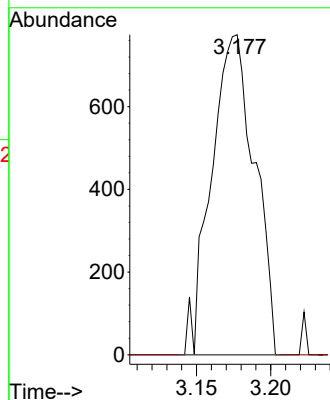
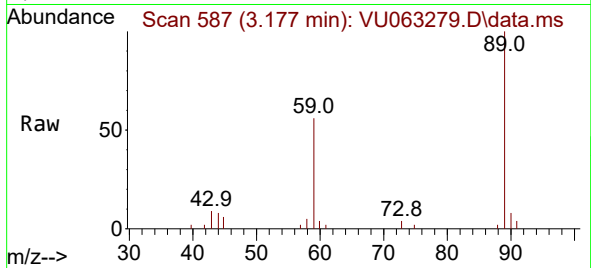




#15
Methyl Acetate
Concen: 0.27 ug/L
RT: 3.177 min Scan# 514
Delta R.T. 0.235 min
Lab File: VU063279.D
Acq: 13 Mar 2025 11:16

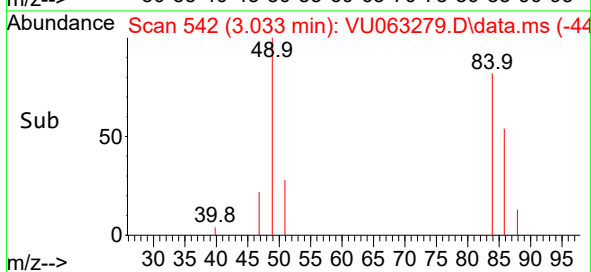
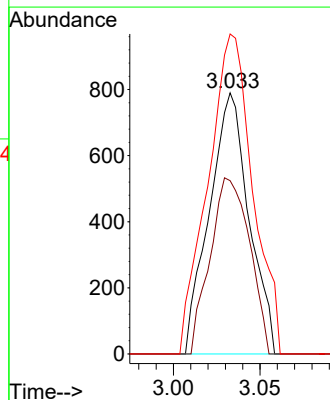
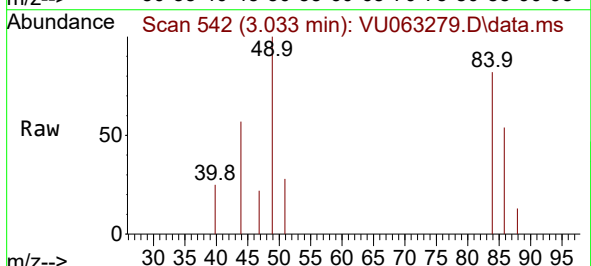
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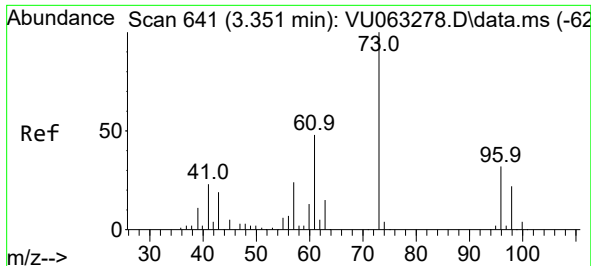
Tgt Ion: 43 Resp: 1573
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#16
Methylene chloride
Concen: 0.07 ug/L
RT: 3.033 min Scan# 542
Delta R.T. 0.003 min
Lab File: VU063279.D
Acq: 13 Mar 2025 11:16

Tgt Ion: 84 Resp: 1257
Ion Ratio Lower Upper
84 100
86 66.3 45.3 84.1
49 122.5 83.4 154.8





#17

Methyl tert-butyl Ether

Concen: 0.02 ug/L

RT: 3.174 min Scan# 51

Delta R.T. -0.177 min

Lab File: VU063279.D

Acq: 13 Mar 2025 11:16

Instrument :

MSVOA_U

ClientSampleId :

VBLK162

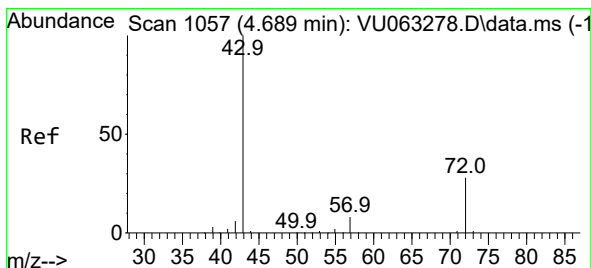
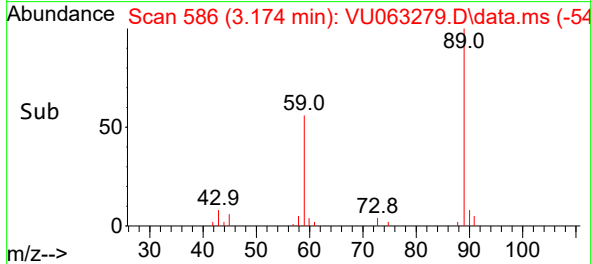
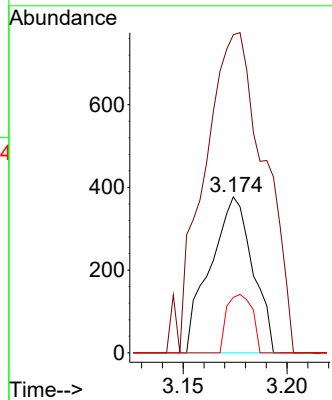
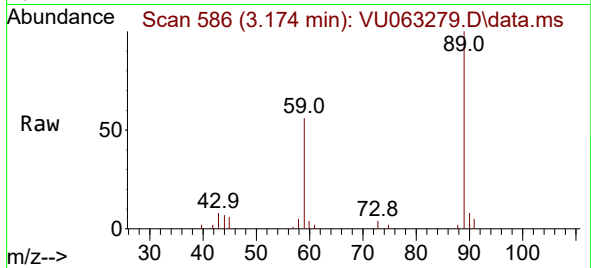
Tgt Ion: 73 Resp: 535

Ion Ratio Lower Upper

73 100

43 294.0 15.7 23.5#

57 22.2 17.6 26.4



#21

2-Butanone

Concen: 0.08 ug/L

RT: 4.705 min Scan# 1062

Delta R.T. 0.016 min

Lab File: VU063279.D

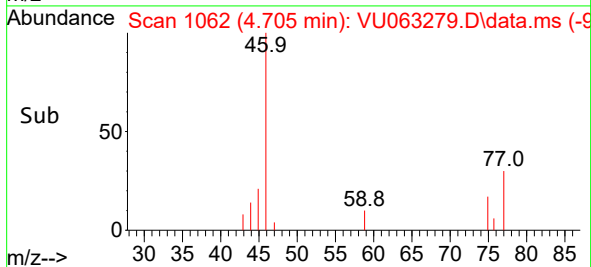
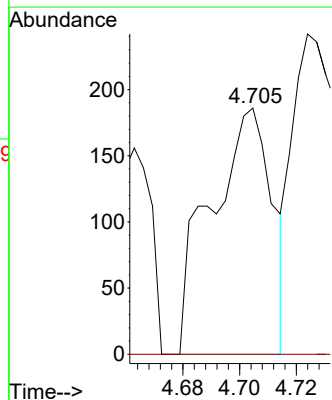
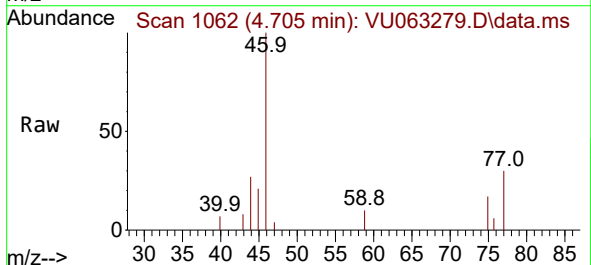
Acq: 13 Mar 2025 11:16

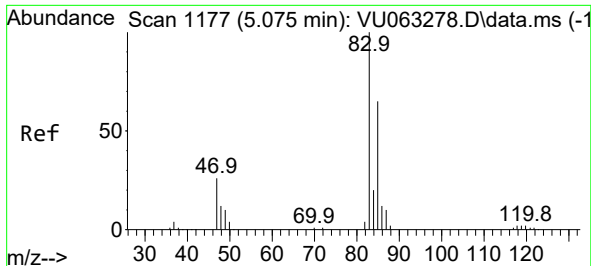
Tgt Ion: 43 Resp: 278

Ion Ratio Lower Upper

43 100

72 0.0 14.5 43.5#





#25

Chloroform

Concen: 0.00 ug/L

RT: 5.090 min Scan# 1177

Delta R.T. 0.016 min

Lab File: VU063279.D

Acq: 13 Mar 2025 11:16

Instrument :

MSVOA_U

ClientSampleId :

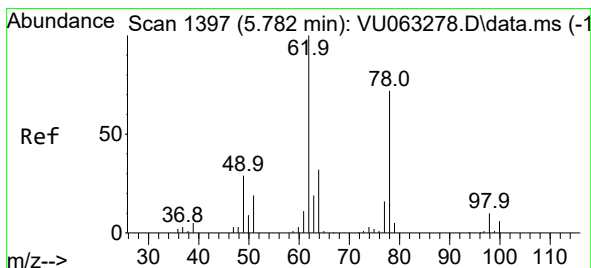
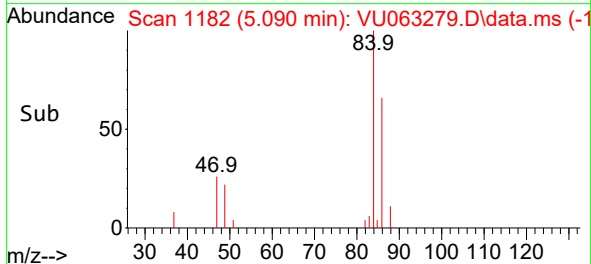
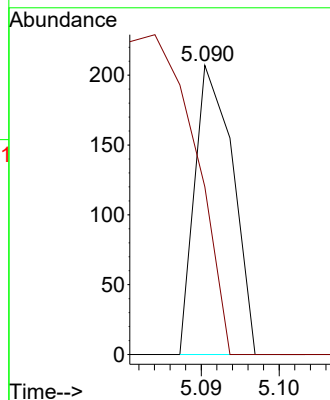
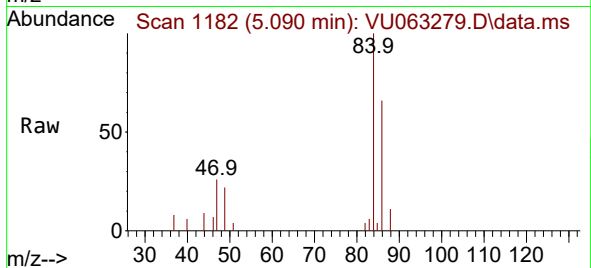
VBLK162

Tgt Ion: 83 Resp: 70

Ion Ratio Lower Upper

83 100

85 58.0 46.8 86.8



#27

1,2-Dichloroethane

Concen: 0.09 ug/L

RT: 5.717 min Scan# 1377

Delta R.T. -0.065 min

Lab File: VU063279.D

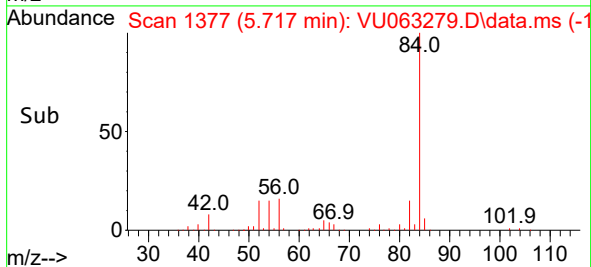
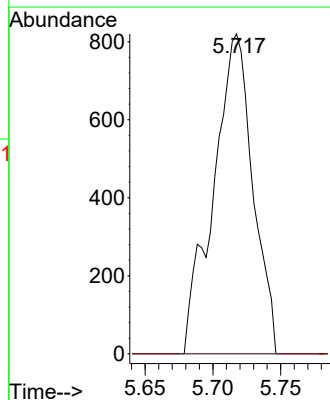
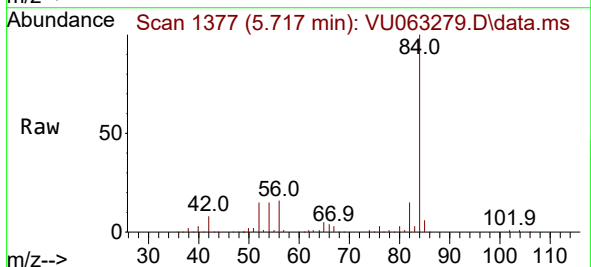
Acq: 13 Mar 2025 11:16

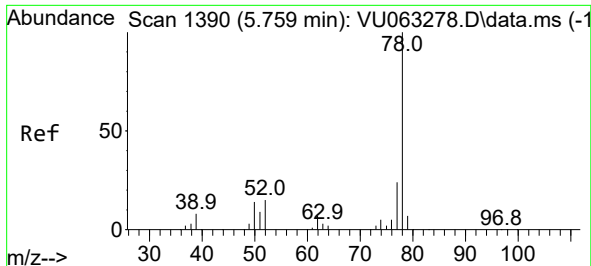
Tgt Ion: 62 Resp: 1664

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#

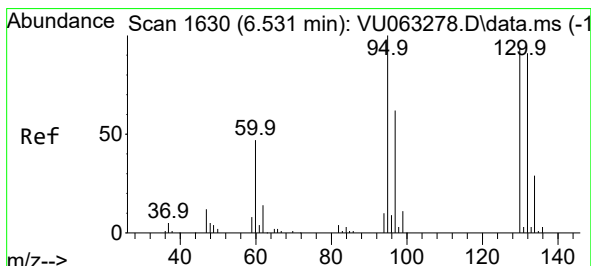
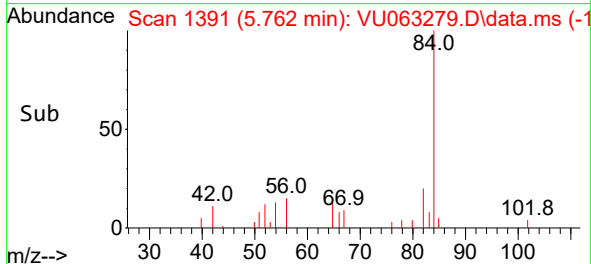
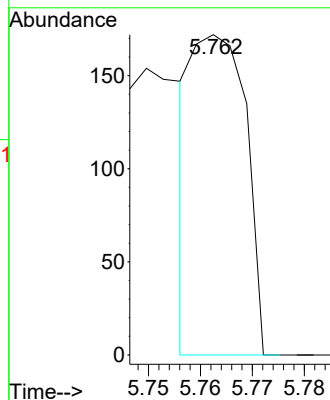
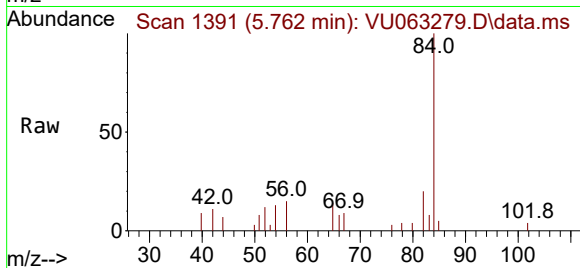




#33
Benzene
Concen: 0.00 ug/L
RT: 5.762 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU063279.D
Acq: 13 Mar 2025 11:16

Instrument :
MSVOA_U
ClientSampleId :
VBLK162

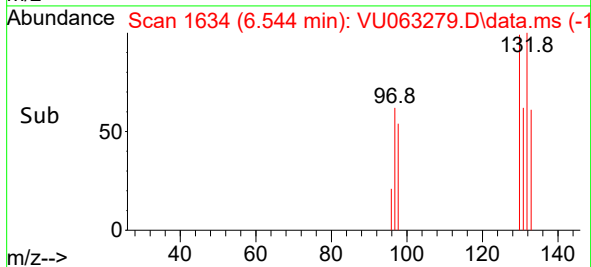
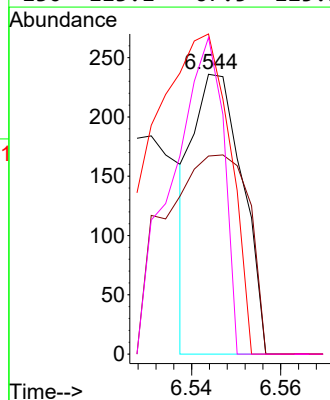
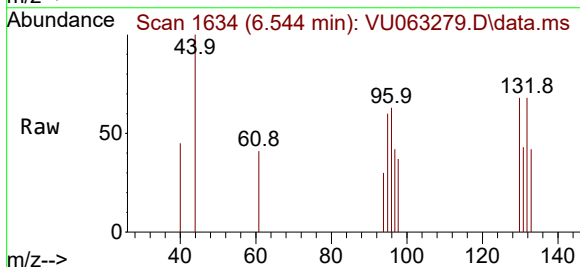
Tgt Ion: 78 Resp: 123

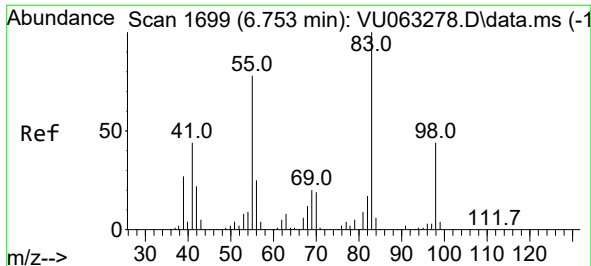


#34
Trichloroethene
Concen: 0.01 ug/L
RT: 6.544 min Scan# 1634
Delta R.T. 0.013 min
Lab File: VU063279.D
Acq: 13 Mar 2025 11:16

Tgt Ion: 95 Resp: 181

Ion	Ratio	Lower	Upper
95	100		
97	70.8	45.0	83.6
132	114.4	64.0	119.0
130	113.1	67.5	125.3

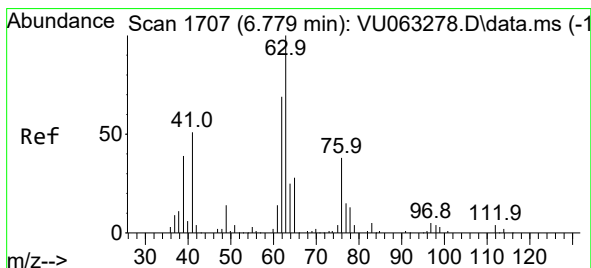
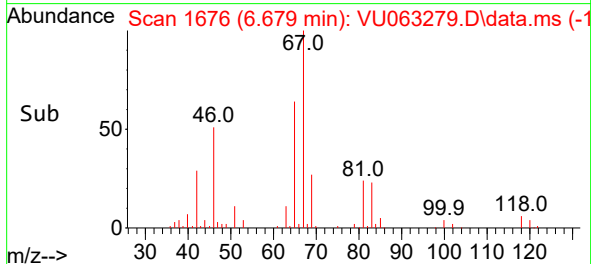
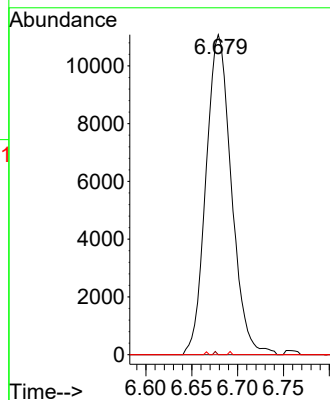
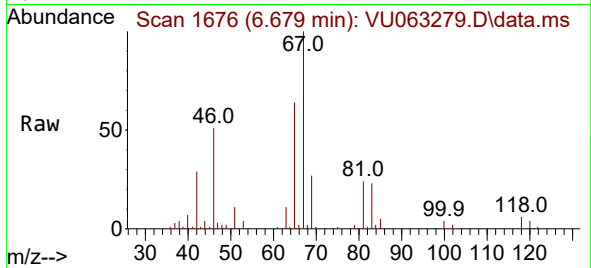




#35
Methylcyclohexane
Concen: 0.87 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.074 min
Lab File: VU063279.D
Acq: 13 Mar 2025 11:16

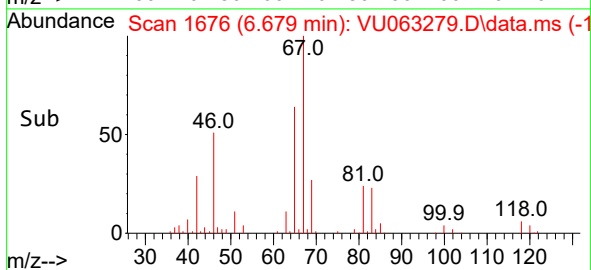
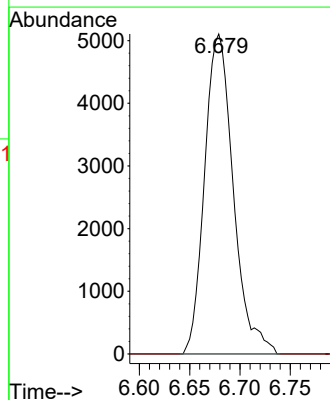
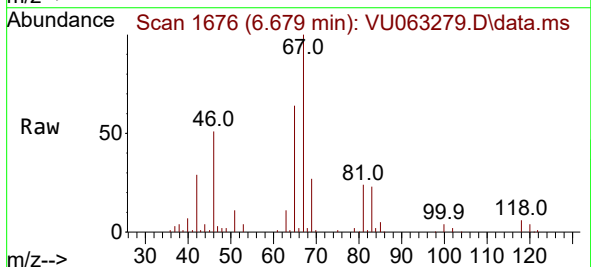
Instrument :
MSVOA_U
ClientSampleId :
VBLK162

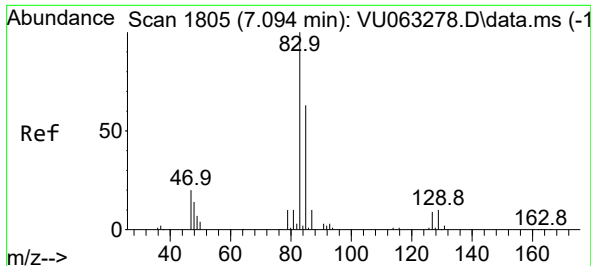
Tgt Ion: 83 Resp: 21376
Ion Ratio Lower Upper
83 100
55 0.1 62.7 94.1#
98 0.1 34.3 51.5#



#37
1,2-Dichloropropane
Concen: 0.56 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.100 min
Lab File: VU063279.D
Acq: 13 Mar 2025 11:16

Tgt Ion: 63 Resp: 10148
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#





#38

Bromodichloromethane

Concen: 0.00 ug/L

RT: 7.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VU063279.D

Acq: 13 Mar 2025 11:16

Instrument :

MSVOA_U

ClientSampleId :

VBLK162

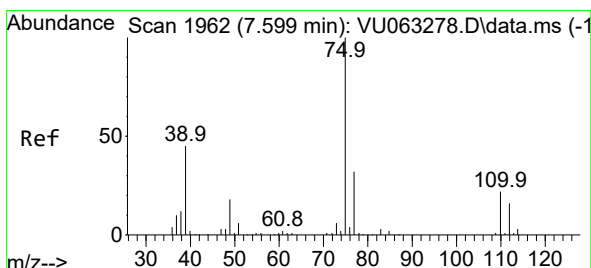
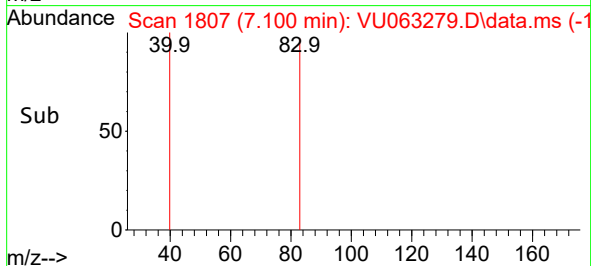
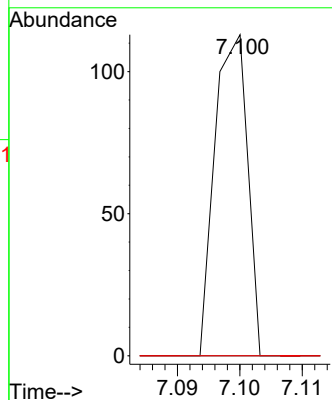
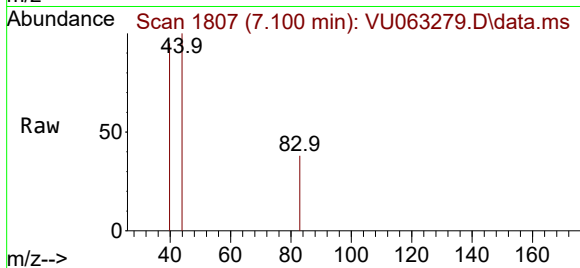
Tgt Ion: 83 Resp: 41

Ion Ratio Lower Upper

83 100

85 0.0 44.3 82.3#

127 0.0 6.9 10.3#



#39

cis-1,3-Dichloropropene

Concen: 0.07 ug/L

RT: 7.553 min Scan# 1948

Delta R.T. -0.045 min

Lab File: VU063279.D

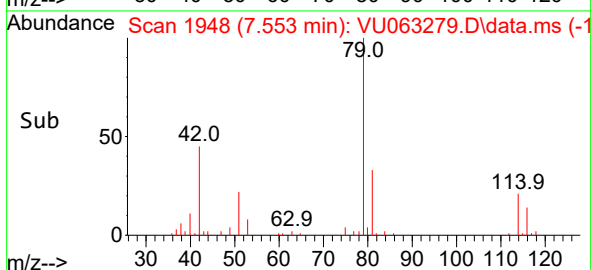
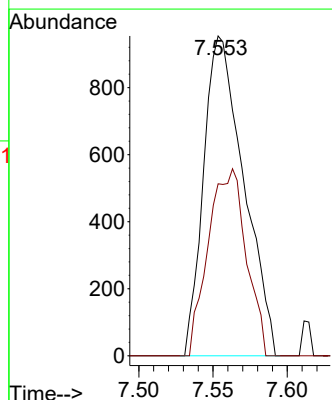
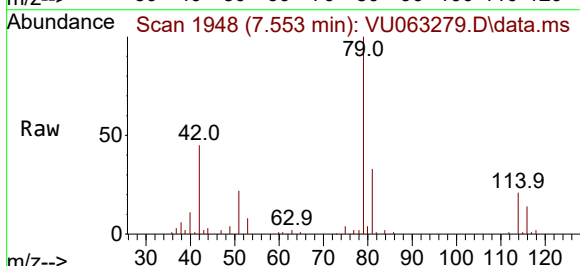
Acq: 13 Mar 2025 11:16

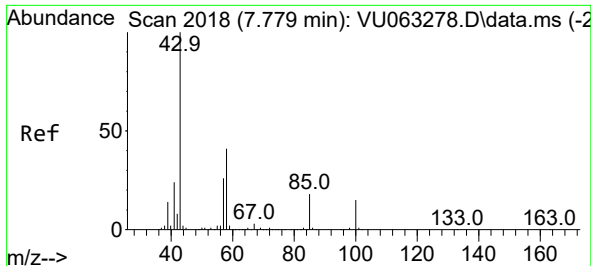
Tgt Ion: 75 Resp: 1794

Ion Ratio Lower Upper

75 100

77 53.8 21.3 39.6#

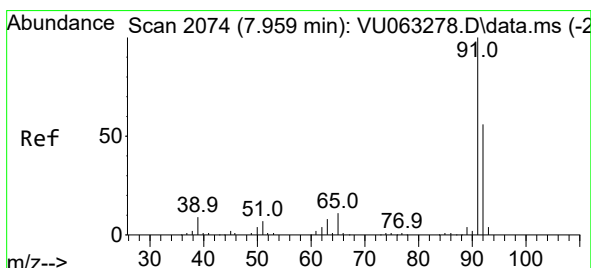
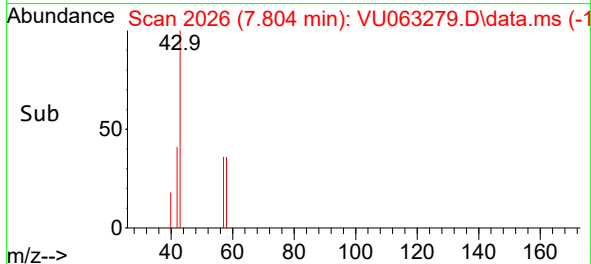
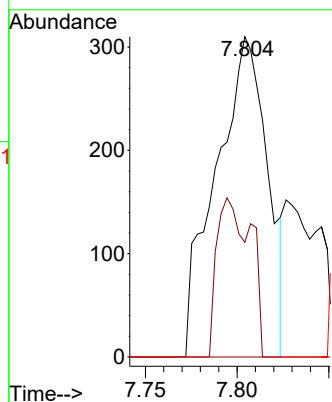
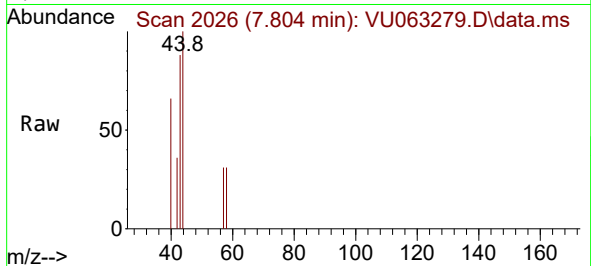




#40
4-Methyl-2-pentanone
Concen: 0.06 ug/L
RT: 7.804 min Scan# 2080
Delta R.T. 0.026 min
Lab File: VU063279.D
Acq: 13 Mar 2025 11:16

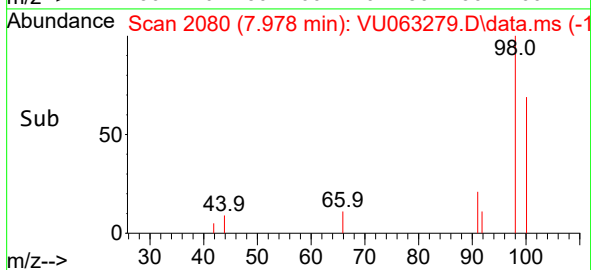
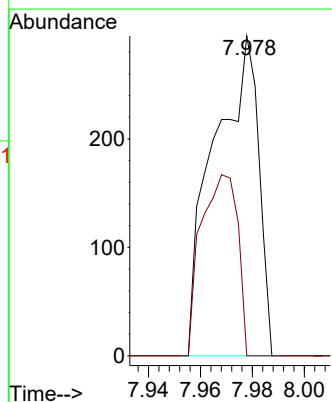
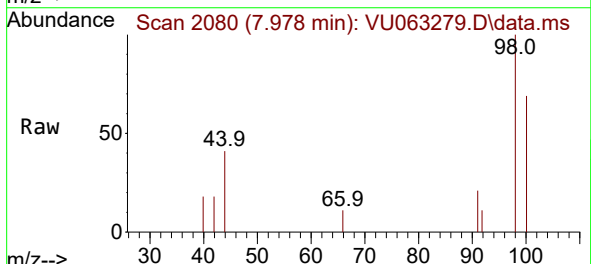
Instrument :
MSVOA_U
ClientSampleId :
VBLK162

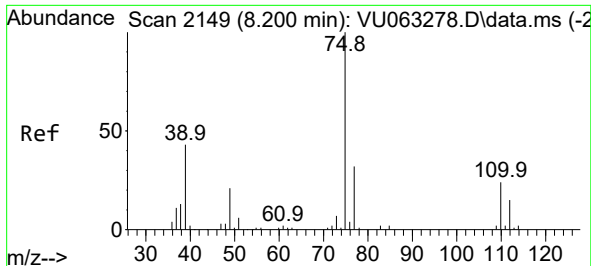
Tgt Ion: 43 Resp: 606
Ion Ratio Lower Upper
43 100
58 32.5 33.1 49.7#
100 0.0 11.9 17.9#



#42
Toluene
Concen: 0.01 ug/L
RT: 7.978 min Scan# 2080
Delta R.T. 0.019 min
Lab File: VU063279.D
Acq: 13 Mar 2025 11:16

Tgt Ion: 91 Resp: 350
Ion Ratio Lower Upper
91 100
92 0.0 39.9 74.1#

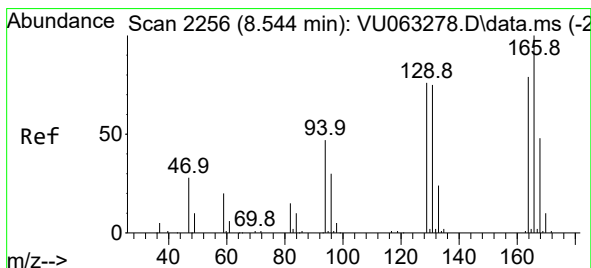
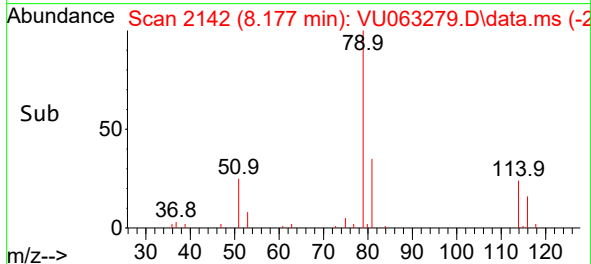
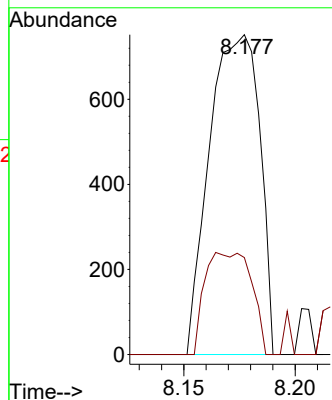
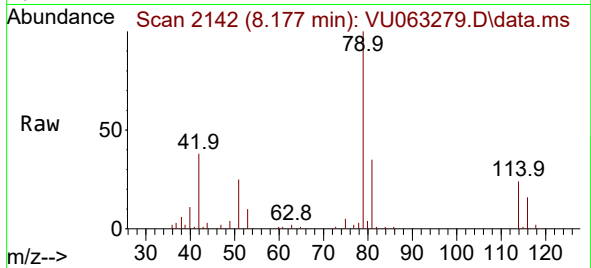




#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.177 min Scan# 2149
Delta R.T. -0.023 min
Lab File: VU063279.D
Acq: 13 Mar 2025 11:16

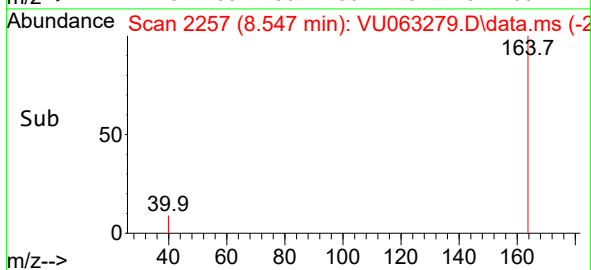
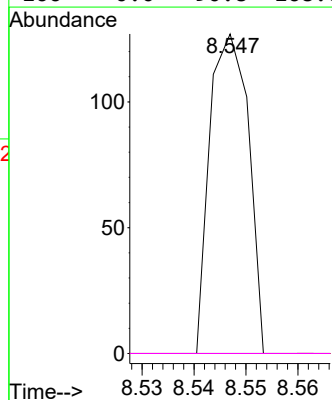
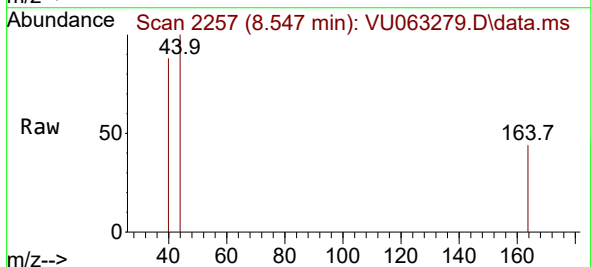
Instrument :
MSVOA_U
ClientSampleId :
VBLK162

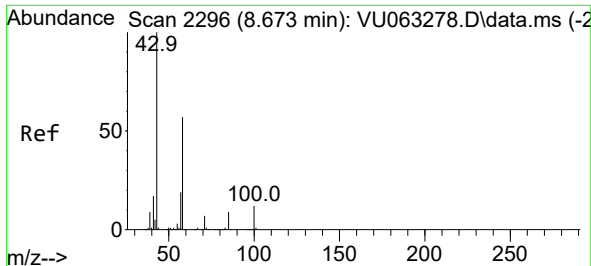
Tgt Ion: 75 Resp: 1178
Ion Ratio Lower Upper
75 100
77 30.3 22.1 41.1



#47
Tetrachloroethene
Concen: 0.01 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.003 min
Lab File: VU063279.D
Acq: 13 Mar 2025 11:16

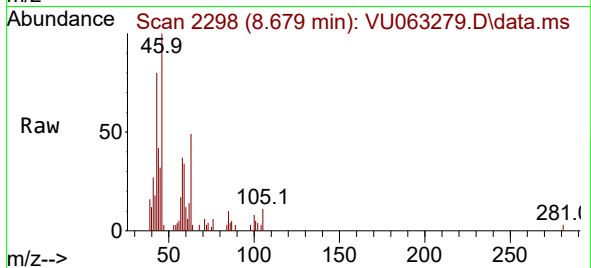
Tgt Ion: 164 Resp: 66
Ion Ratio Lower Upper
164 100
129 0.0 69.6 129.2#
131 0.0 67.9 126.1#
166 0.0 90.8 168.6#



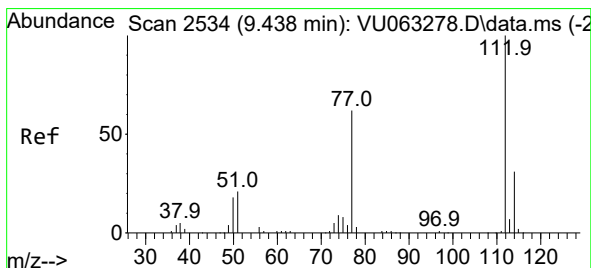
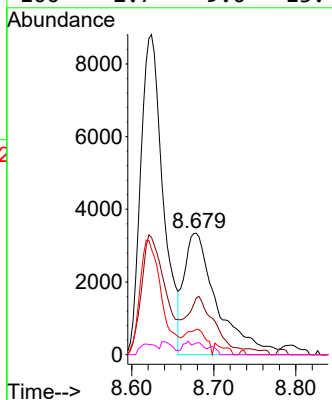
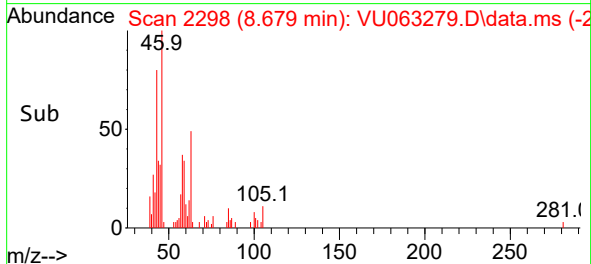


#48
2-Hexanone
Concen: 1.43 ug/L
RT: 8.679 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU063279.D
Acq: 13 Mar 2025 11:16

Instrument :
MSVOA_U
ClientSampleId :
VBLK162

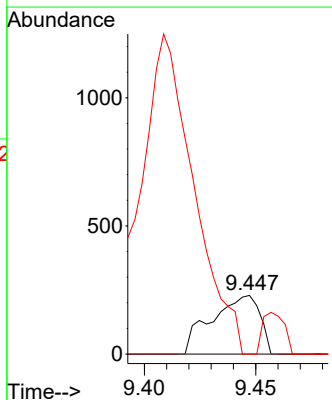
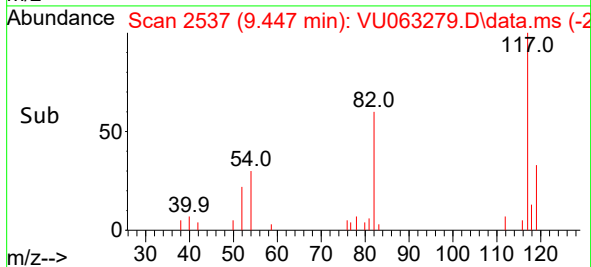
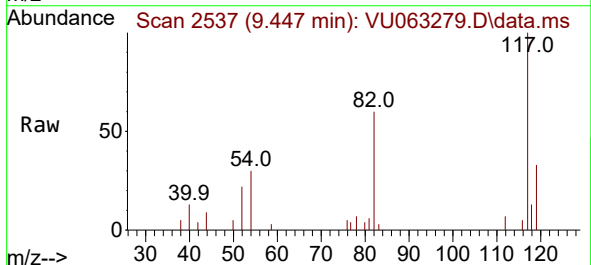


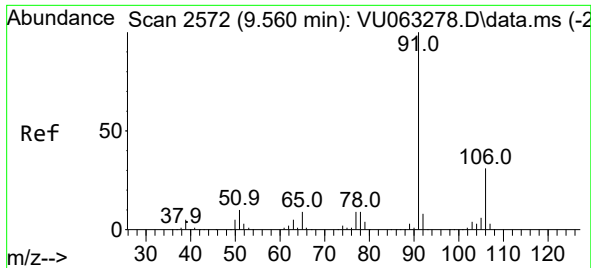
Tgt Ion:	43	Resp:	9376
Ion	Ratio	Lower	Upper
43	100		
58	32.6	45.8	68.8#
57	12.9	15.5	23.3#
100	2.7	9.0	13.4#



#51
Chlorobenzene
Concen: 0.01 ug/L
RT: 9.447 min Scan# 2537
Delta R.T. 0.009 min
Lab File: VU063279.D
Acq: 13 Mar 2025 11:16

Tgt Ion:	112	Resp:	346
Ion	Ratio	Lower	Upper
112	100		
114	0.0	22.2	41.2#
77	0.0	49.2	73.8#

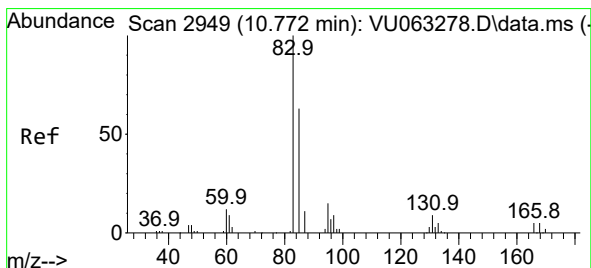
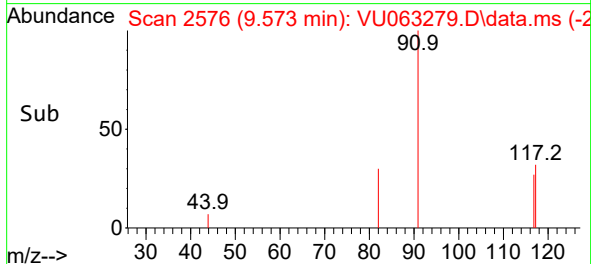
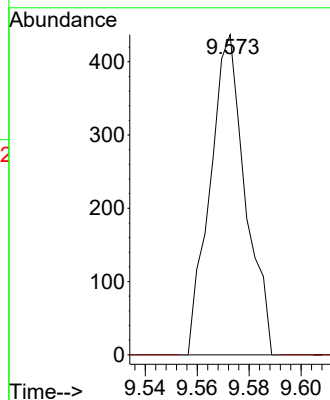
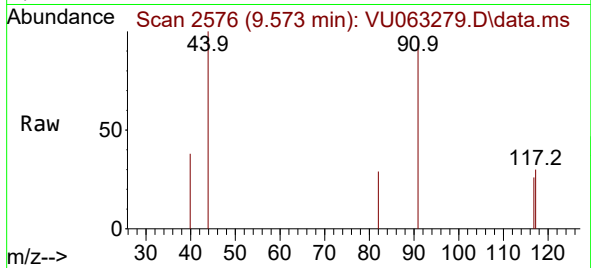




#52
Ethylbenzene
Concen: 0.01 ug/L
RT: 9.573 min Scan# 21
Delta R.T. 0.013 min
Lab File: VU063279.D
Acq: 13 Mar 2025 11:16

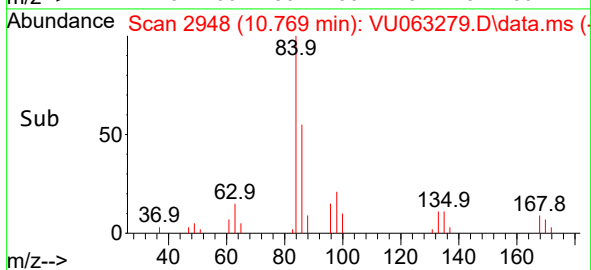
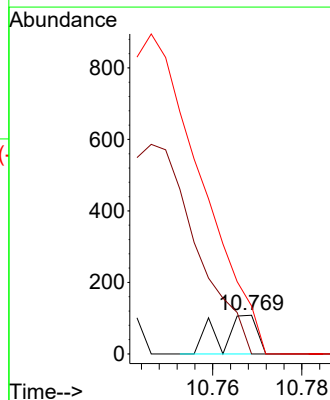
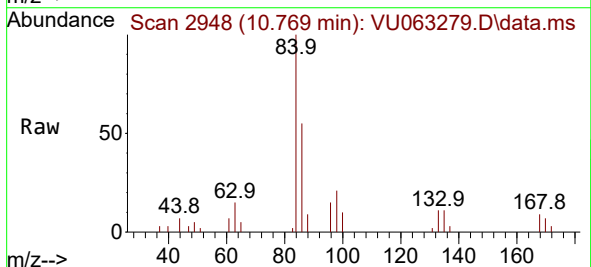
Instrument :
MSVOA_U
ClientSampleId :
VBLK162

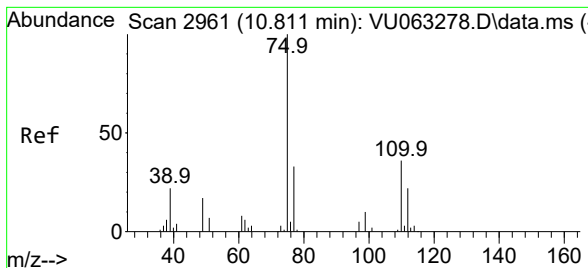
Tgt Ion: 91 Resp: 413
Ion Ratio Lower Upper
91 100
106 0.0 21.9 40.7#



#57
1,1,2,2-Tetrachloroethane
Concen: 0.00 ug/L
RT: 10.769 min Scan# 2948
Delta R.T. -0.003 min
Lab File: VU063279.D
Acq: 13 Mar 2025 11:16

Tgt Ion: 83 Resp: 61
Ion Ratio Lower Upper
83 100
85 0.0 44.9 83.5#
131 124.1 7.2 10.8#





#61

1,2,3-Trichloropropane

Concen: 1.09 ug/L

RT: 11.804 min Scan# 3051

Delta R.T. 0.993 min

Lab File: VU063279.D

Acq: 13 Mar 2025 11:16

Instrument :

MSVOA_U

ClientSampleId :

VBLK162

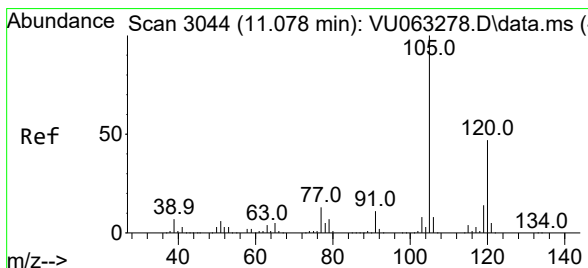
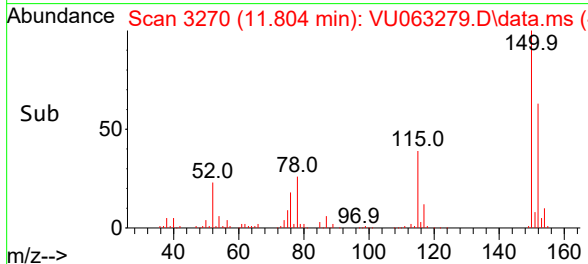
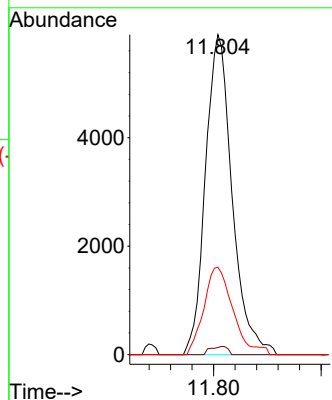
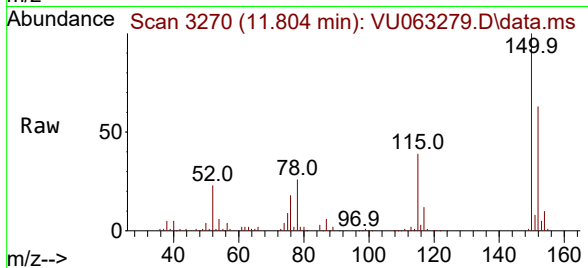
Tgt Ion: 75 Resp: 10157

Ion Ratio Lower Upper

75 100

110 1.7 29.3 43.9#

77 29.8 25.8 38.8



#62

1,3,5-Trimethylbenzene

Concen: 0.01 ug/L

RT: 11.100 min Scan# 3051

Delta R.T. 0.022 min

Lab File: VU063279.D

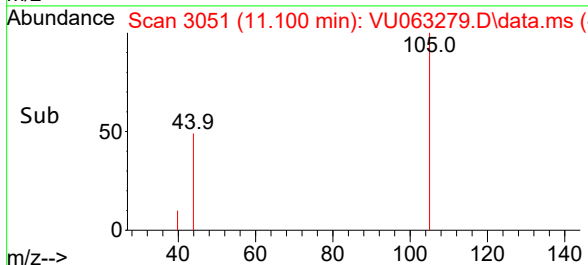
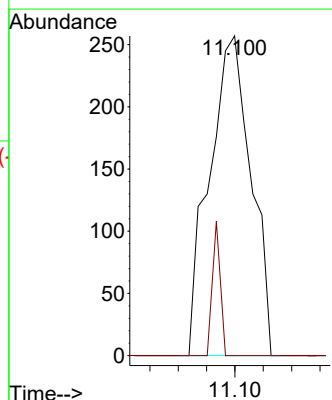
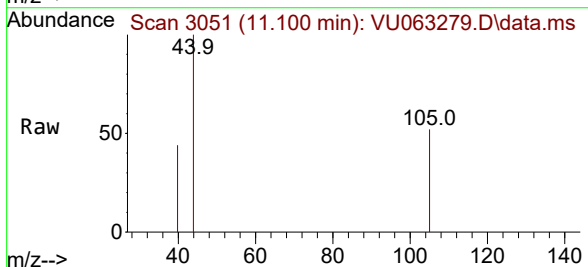
Acq: 13 Mar 2025 11:16

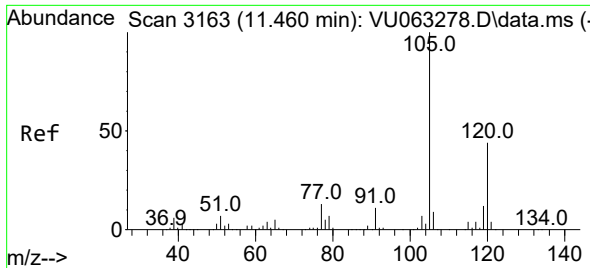
Tgt Ion: 105 Resp: 262

Ion Ratio Lower Upper

105 100

120 0.0 37.5 56.3#

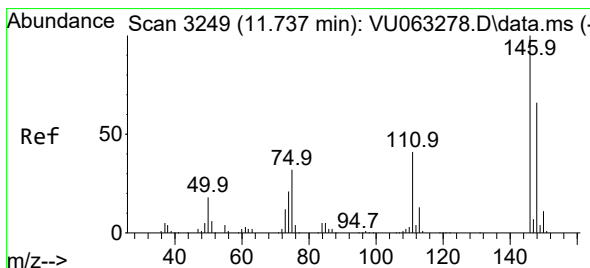
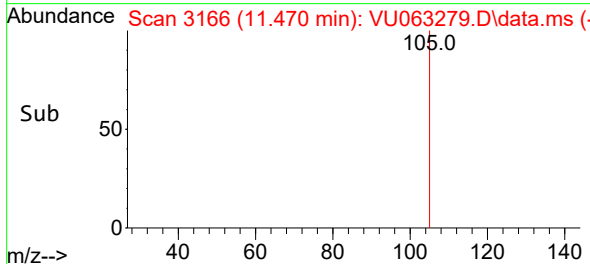
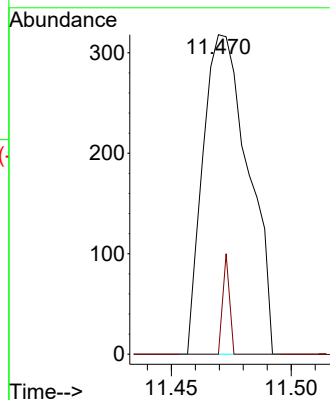
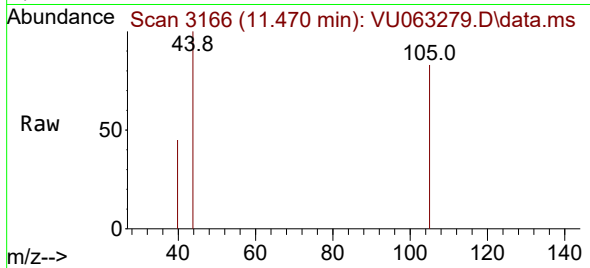




#63
1,2,4-Trimethylbenzene
Concen: 0.01 ug/L
RT: 11.470 min Scan# 3166
Delta R.T. 0.009 min
Lab File: VU063279.D
Acq: 13 Mar 2025 11:16

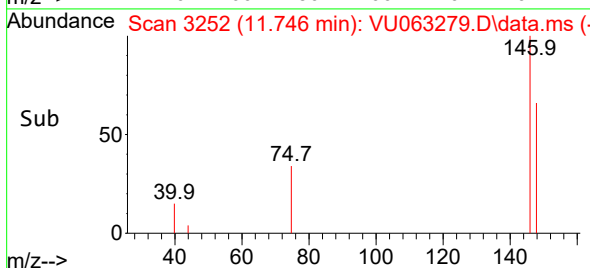
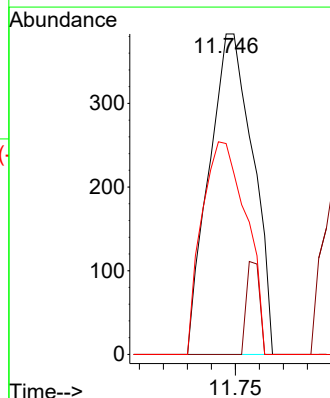
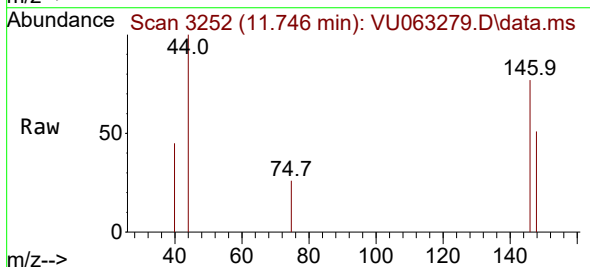
Instrument :
MSVOA_U
ClientSampleId :
VBLK162

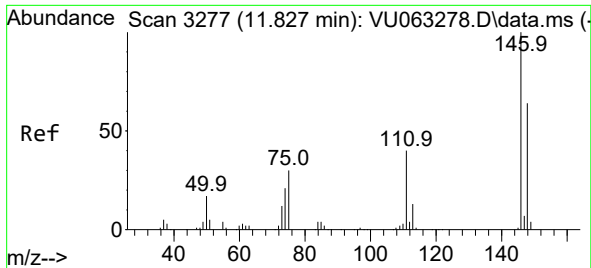
Tgt Ion:105 Resp: 419
Ion Ratio Lower Upper
105 100
120 4.5 35.1 52.7#



#64
1,3-Dichlorobenzene
Concen: 0.02 ug/L
RT: 11.746 min Scan# 3252
Delta R.T. 0.009 min
Lab File: VU063279.D
Acq: 13 Mar 2025 11:16

Tgt Ion:146 Resp: 486
Ion Ratio Lower Upper
146 100
111 0.0 28.5 52.9#
148 65.8 45.7 84.9

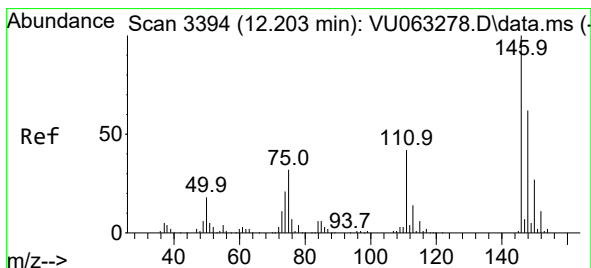
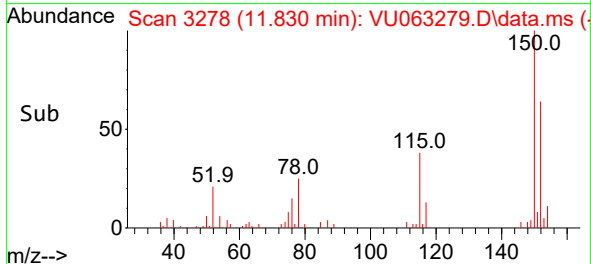
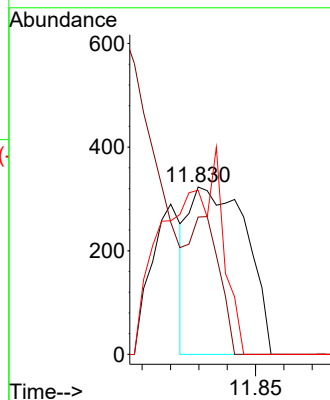
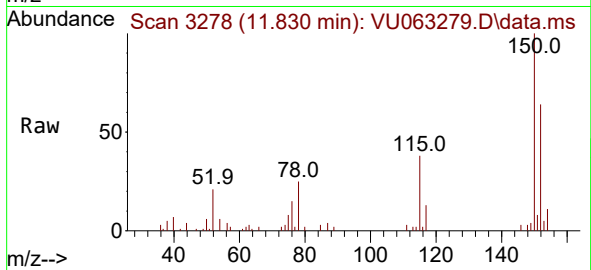




#65
1,4-Dichlorobenzene
Concen: 0.02 ug/L
RT: 11.830 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063279.D
Acq: 13 Mar 2025 11:16

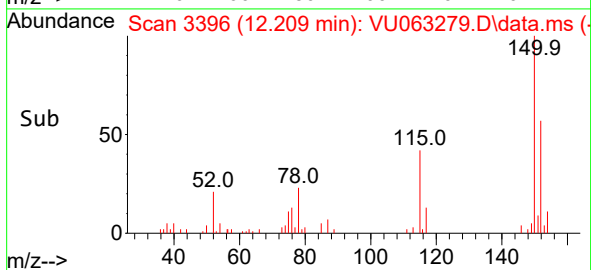
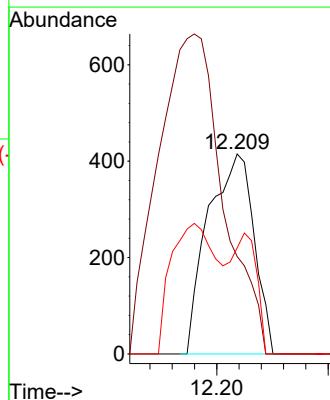
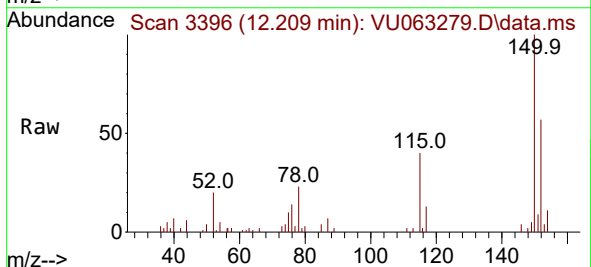
Instrument :
MSVOA_U
ClientSampleId :
VBLK162

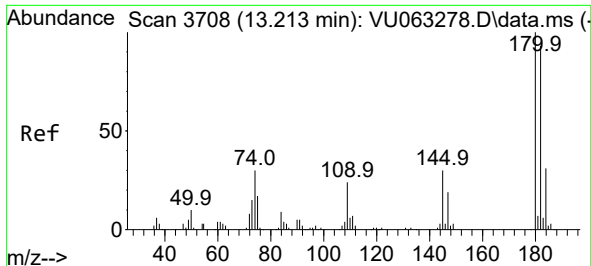
Tgt Ion:146 Resp: 459
Ion Ratio Lower Upper
146 100
111 82.0 28.3 52.5#
148 98.1 45.0 83.6#



#67
1,2-Dichlorobenzene
Concen: 0.02 ug/L
RT: 12.209 min Scan# 3396
Delta R.T. 0.006 min
Lab File: VU063279.D
Acq: 13 Mar 2025 11:16

Tgt Ion:146 Resp: 593
Ion Ratio Lower Upper
146 100
111 48.7 33.9 50.9
148 53.0 52.0 78.0





#69

1,3,5-Trichlorobenzene

Concen: 0.03 ug/L

RT: 13.228 min Scan# 3713

Delta R.T. 0.016 min

Lab File: VU063279.D

Acq: 13 Mar 2025 11:16

Instrument :

MSVOA_U

ClientSampleId :

VBLK162

Tgt Ion:180 Resp: 634

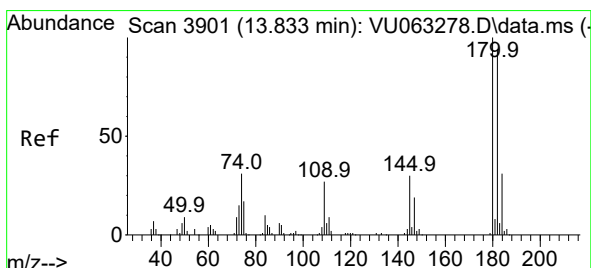
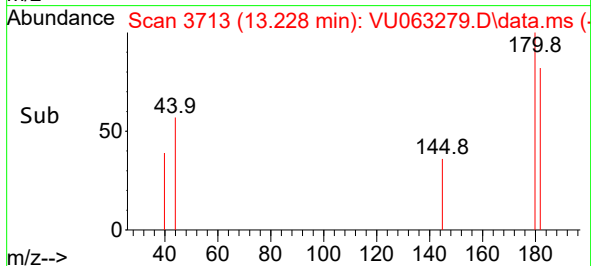
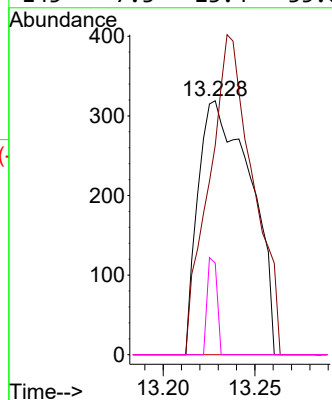
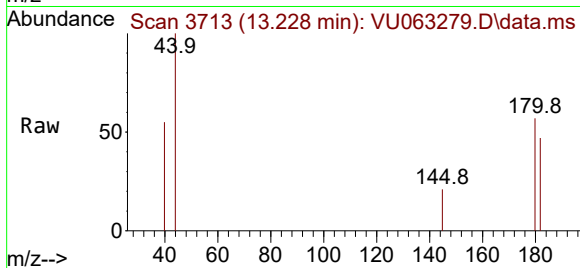
Ion Ratio Lower Upper

180 100

182 105.4 77.6 116.4

184 0.0 24.7 37.1#

145 7.3 23.4 35.0#



#70

1,2,4-trichlorobenzene

Concen: 0.09 ug/L

RT: 13.862 min Scan# 3910

Delta R.T. 0.029 min

Lab File: VU063279.D

Acq: 13 Mar 2025 11:16

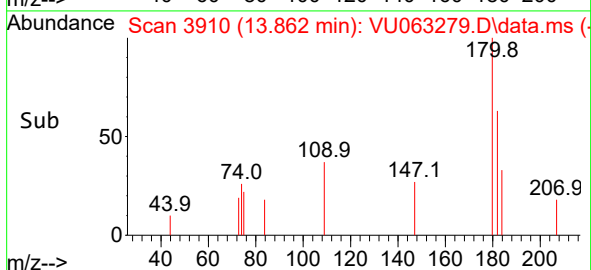
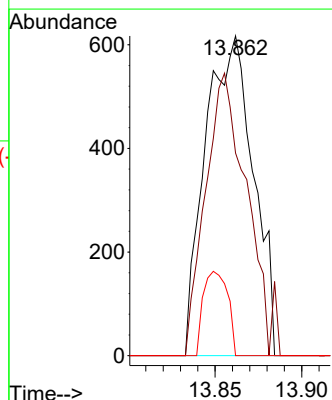
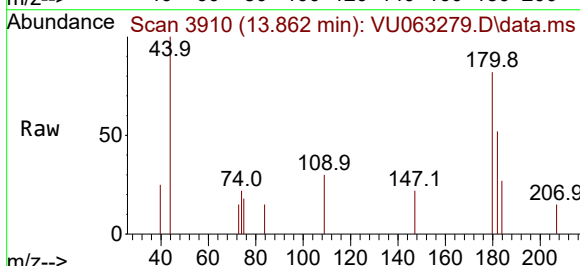
Tgt Ion:180 Resp: 1189

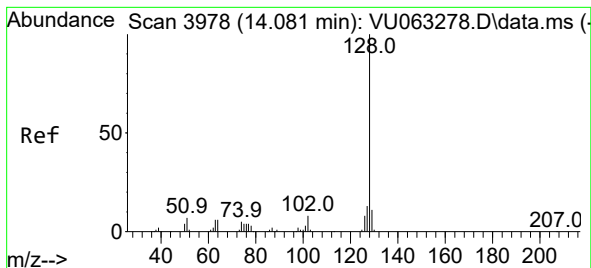
Ion Ratio Lower Upper

180 100

182 76.6 75.8 113.8

145 13.4 23.8 35.8#





#71

Naphthalene

Concen: 0.14 ug/L

RT: 14.122 min Scan# 3991

Delta R.T. 0.042 min

Lab File: VU063279.D

Acq: 13 Mar 2025 11:16

Instrument :

MSVOA_U

ClientSampleId :

VBLK162

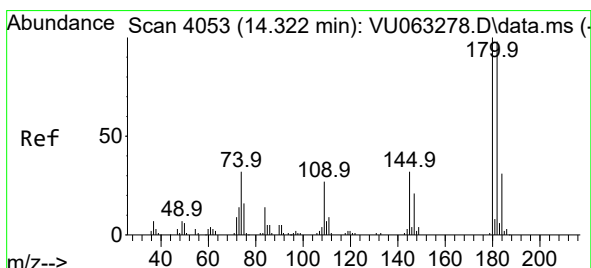
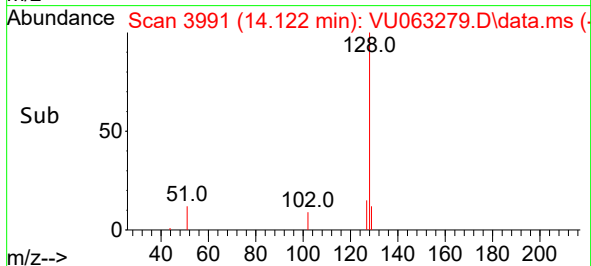
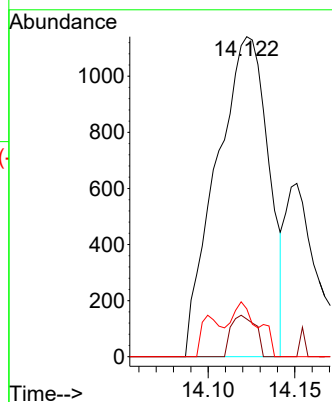
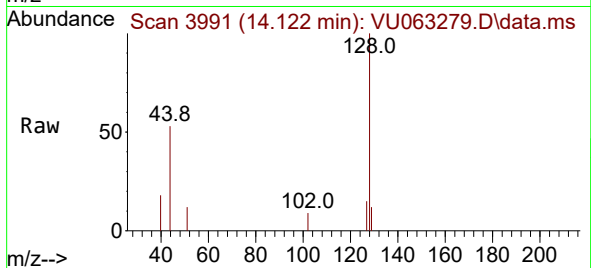
Tgt Ion:128 Resp: 2397

Ion Ratio Lower Upper

128 100

129 6.0 8.1 12.1#

127 8.8 10.8 16.2#



#72

1,2,3-Trichlorobenzene

Concen: 0.10 ug/L

RT: 14.334 min Scan# 4057

Delta R.T. 0.013 min

Lab File: VU063279.D

Acq: 13 Mar 2025 11:16

Tgt Ion:180 Resp: 1154

Ion Ratio Lower Upper

180 100

182 93.8 76.7 115.1

145 26.0 25.5 38.3

