Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061025\
Data File : VU063375.D
Acq On : 10 Jun 2025 11:16
Operator : MD/SY
Sample : Q2117-02
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2025-04

Manual Integrations APPROVED

Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/11/2025

Quant Time: Jun 10 11:40:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060625WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jun 09 11:34:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	92544	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	97411	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	44555	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	44579	4.910	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.200%			
7) Chloroethane-d5	1.904	69	37562	5.286	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 105.800%			
11) 1,1-Dichloroethene-d2	2.557	65	16290	5.150	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 103.000%			
20) 2-Butanone-d5	4.615	46	103067	53.306	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.620%			
24) Chloroform-d	5.052	84	77334	5.437	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.800%			
26) 1,2-Dichloroethane-d4	5.692	65	41818	5.784	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 115.600%			
32) Benzene-d6	5.717	84	151308	5.154	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.000%			
36) 1,2-Dichloropropane-d6	6.682	67	52335	5.355	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.000%			
41) Toluene-d8	7.891	98	117928	4.728	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.600%			
43) trans-1,3-Dichloroprop...	8.177	79	17061	5.010	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.200%			
46) 2-Hexanone-d5	8.627	63	68296	45.660	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.320%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	43985	5.185	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.600%			
66) 1,2-Dichlorobenzene-d4	12.187	152	41064	5.504	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 110.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	2258	0.261	ug/L #	87
3) Chloromethane	1.518	50	3009	0.277	ug/L	98
5) Vinyl chloride	1.599	62	3088	0.262	ug/L #	72
6) Bromomethane	1.849	94	1674	0.261	ug/L	87
8) Chloroethane	1.927	64	1881	0.262	ug/L	90
9) Trichlorofluoromethane	2.129	101	3674	0.275	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	2368	0.310	ug/L #	82
12) 1,1-Dichloroethene	2.566	96	2288	0.320	ug/L #	1
14) Carbon disulfide	2.782	76	6844	0.275	ug/L	99
15) Methyl Acetate	2.959	43	803m	0.220	ug/L	
16) Methylene chloride	3.036	84	2978	0.326	ug/L	92
17) Methyl tert-butyl Ether	3.357	73	4063	0.224	ug/L	96
18) trans-1,2-Dichloroethene	3.345	96	1893	0.237	ug/L	92
19) 1,1-Dichloroethane	3.862	63	4111	0.257	ug/L	93
21) 2-Butanone	4.727	43	6302	2.986	ug/L	82
22) cis-1,2-Dichloroethene	4.656	96	2180	0.244	ug/L	86
23) Bromochloromethane	4.975	128	848	0.205	ug/L #	87
25) Chloroform	5.081	83	4836m	0.302	ug/L	
27) 1,2-Dichloroethane	5.798	62	2926	0.284	ug/L #	90

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Operator : MD/SY
Sample : Q2117-02
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 10 11:40:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060625WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jun 09 11:34:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2025-04

Manual Integrations APPROVED

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
30) Cyclohexane	5.377	56	2732	0.197	ug/L		92
31) Carbon tetrachloride	5.515	117	2752	0.247	ug/L		98
33) Benzene	5.769	78	9367	0.253	ug/L		100
35) Methylcyclohexane	6.756	83	3073	0.224	ug/L	#	94
37) 1,2-Dichloropropane	6.785	63	2648	0.258	ug/L	#	90
38) Bromodichloromethane	7.100	83	2973	0.245	ug/L		98
39) cis-1,3-Dichloropropene	7.605	75	3113	0.223	ug/L		93
40) 4-Methyl-2-pentanone	7.788	43	11247	2.035	ug/L	#	82
42) Toluene	7.965	91	8513	0.222	ug/L		96
44) trans-1,3-Dichloropropene	8.209	75	3179	0.280	ug/L		93
45) 1,1,2-Trichloroethane	8.396	97	1644	0.224	ug/L		96
48) 2-Hexanone	8.682	43	19184	4.843	ug/L		94
49) Dibromochloromethane	8.801	129	1802	0.229	ug/L		89
50) 1,2-Dibromoethane	8.920	107	1572	0.233	ug/L	#	99
51) Chlorobenzene	9.444	112	6217	0.254	ug/L		97
52) Ethylbenzene	9.566	91	8385	0.214	ug/L		97
53) m,p-Xylene	9.688	106	3072	0.209	ug/L		91
54) o-Xylene	10.097	106	2628	0.188	ug/L		100
55) Styrene	10.119	104	4080	0.171	ug/L		94
57) 1,1,2,2-Tetrachloroethane	10.775	83	2566	0.273	ug/L	#	94
59) Bromoform	10.286	173	1022	0.258	ug/L	#	82
60) Isopropylbenzene	10.479	105	6861	0.217	ug/L		98
61) 1,2,3-Trichloropropane	10.820	75	1532	0.283	ug/L		94
62) 1,3,5-Trimethylbenzene	11.084	105	4837	0.198	ug/L		93
63) 1,2,4-Trimethylbenzene	11.466	105	4081	0.174	ug/L		99
64) 1,3-Dichlorobenzene	11.743	146	3956	0.252	ug/L		91
65) 1,4-Dichlorobenzene	11.833	146	4242	0.269	ug/L		91
67) 1,2-Dichlorobenzene	12.206	146	3924	0.266	ug/L		96
68) 1,2-Dibromo-3-chloropr...	13.003	75	135m	0.131	ug/L		
69) 1,3,5-Trichlorobenzene	13.225	180	2515	0.241	ug/L		92
70) 1,2,4-trichlorobenzene	13.849	180	2013	0.244	ug/L	#	86
71) Naphthalene	14.113	128	2228	0.189	ug/L	#	75
72) 1,2,3-Trichlorobenzene	14.335	180	1617	0.216	ug/L		94

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061025\
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Misc : 25mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 10 11:40:59 2025
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jun 09 11:34:08 2025
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Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2025-04

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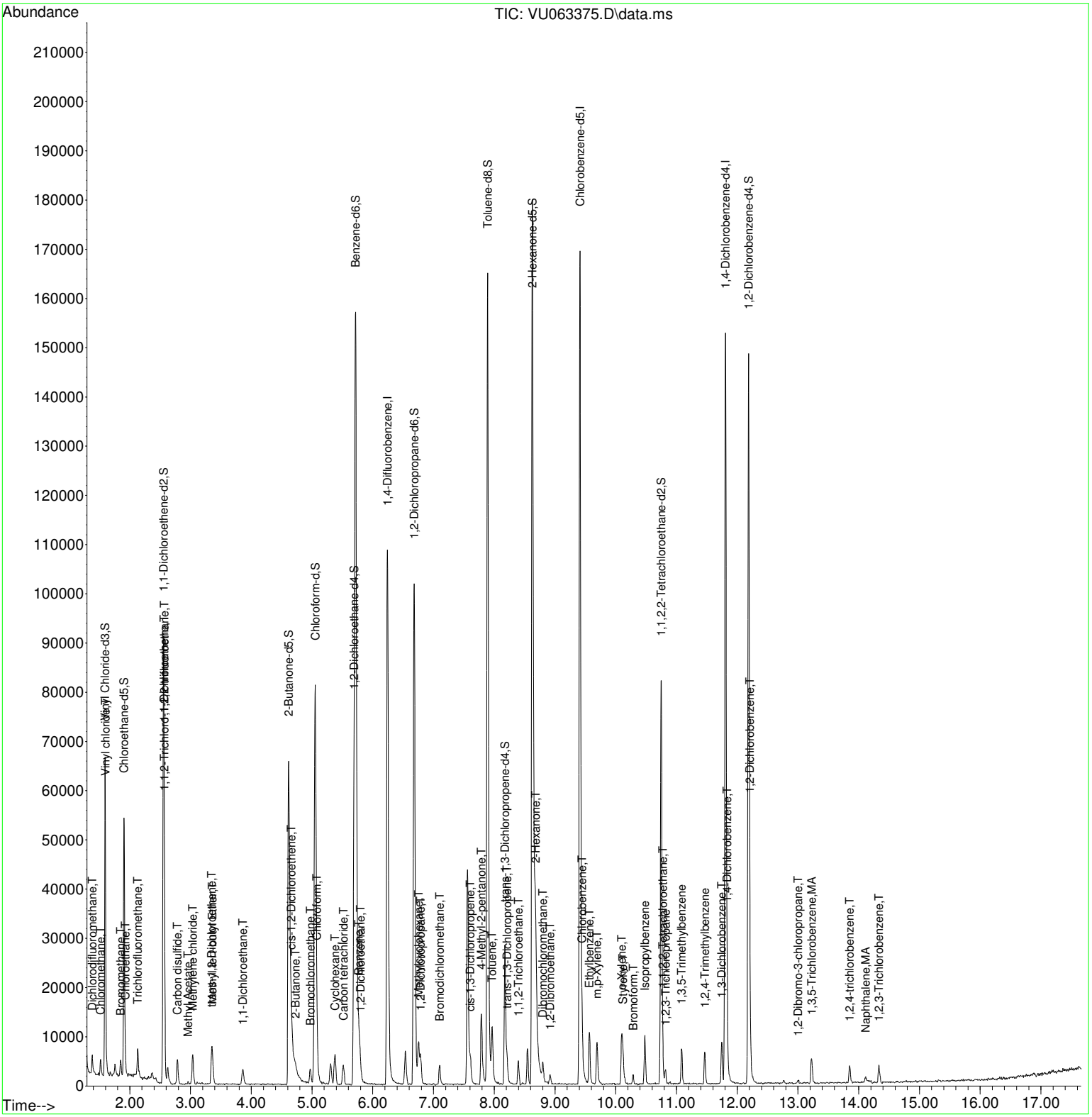

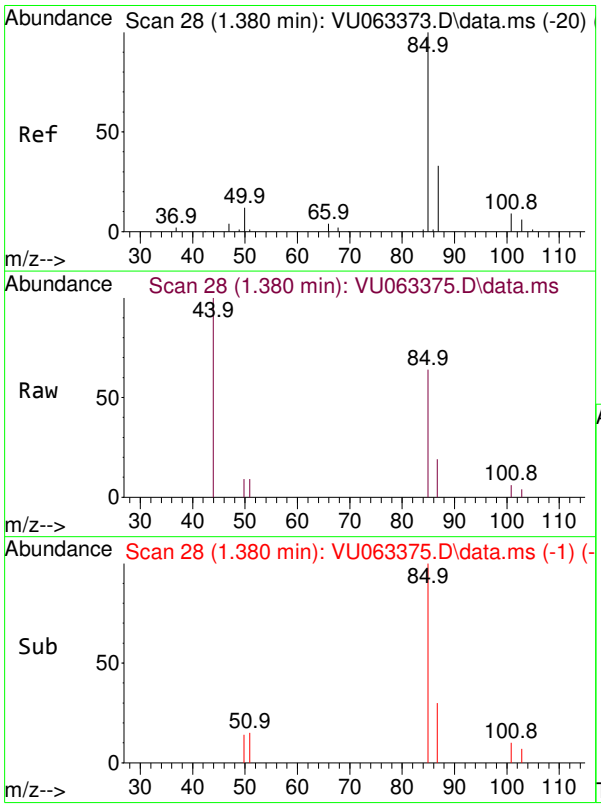

#2
Dichlorodifluoromethane
Concen: 0.261 ug/L
RT: 1.380 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion: 85 Resp: 225

Ion	Ratio	Lower	Upper
85	100		
87	24.8	25.9	38.9

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2025-04

Manual Integrations
APPROVED

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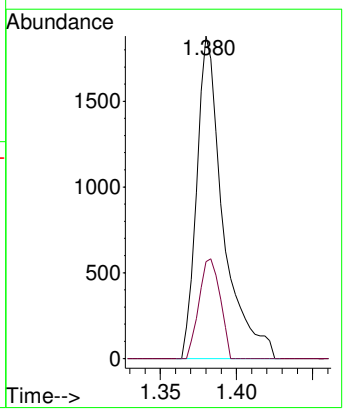
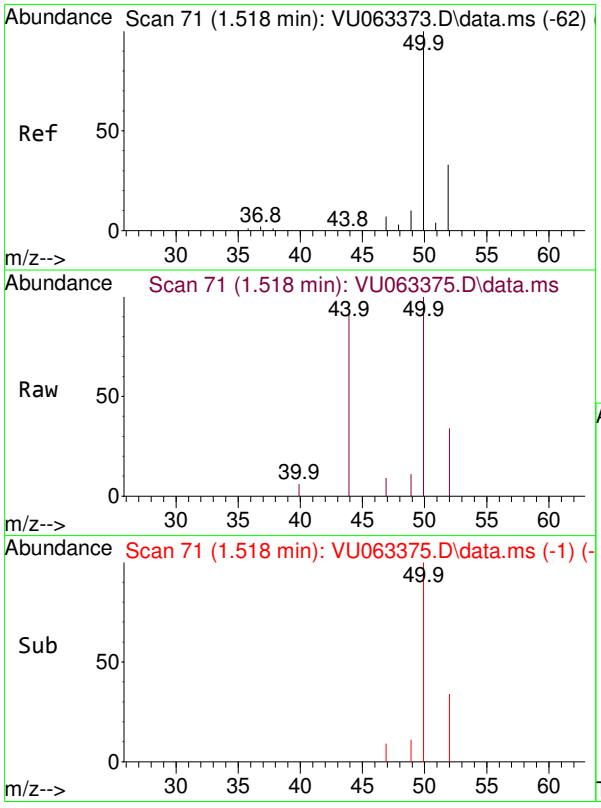
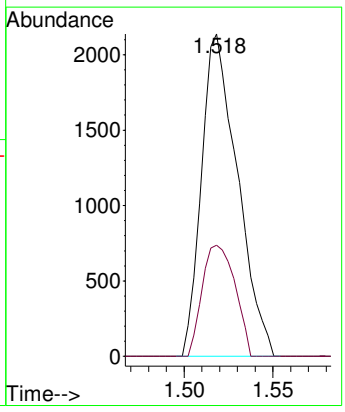


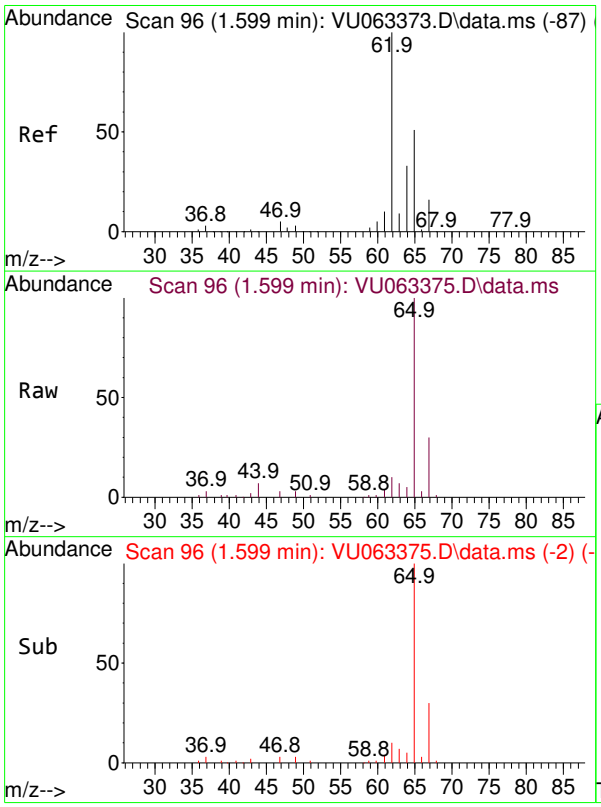


#3
Chloromethane
Concen: 0.277 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion: 50 Resp: 3009

Ion	Ratio	Lower	Upper
50	100		
52	34.5	23.4	43.6





#5
Vinyl chloride
Concen: 0.262 ug/L
RT: 1.599 min Scan# 9
Delta R.T. 0.003 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion: 62 Resp: 308

Ion	Ratio	Lower	Upper
62	100		
64	48.8	23.2	43.0

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2025-04

Manual Integrations
APPROVED

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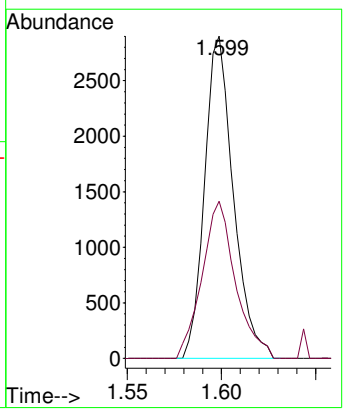
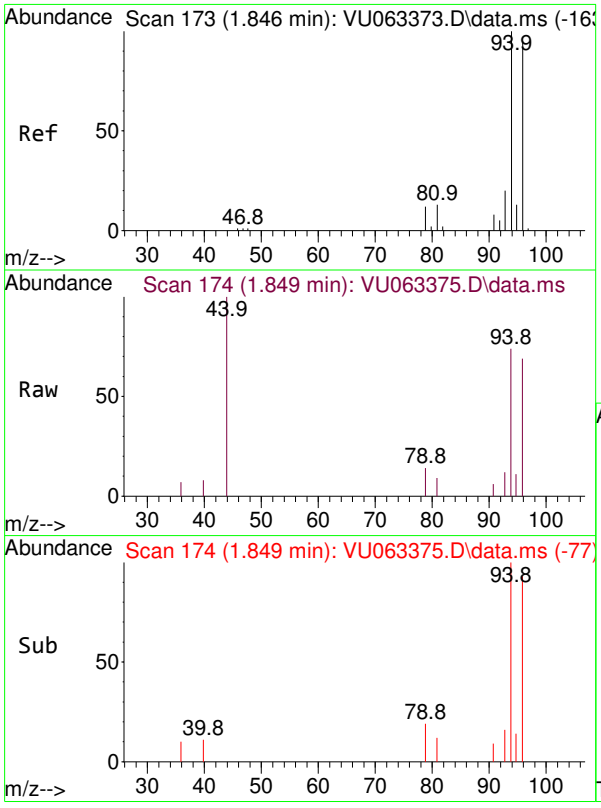
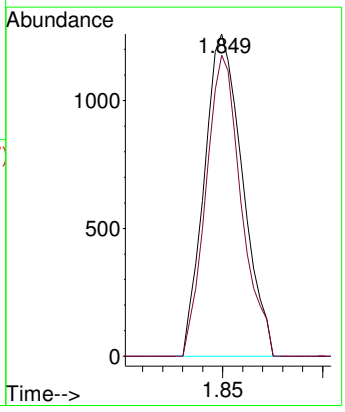


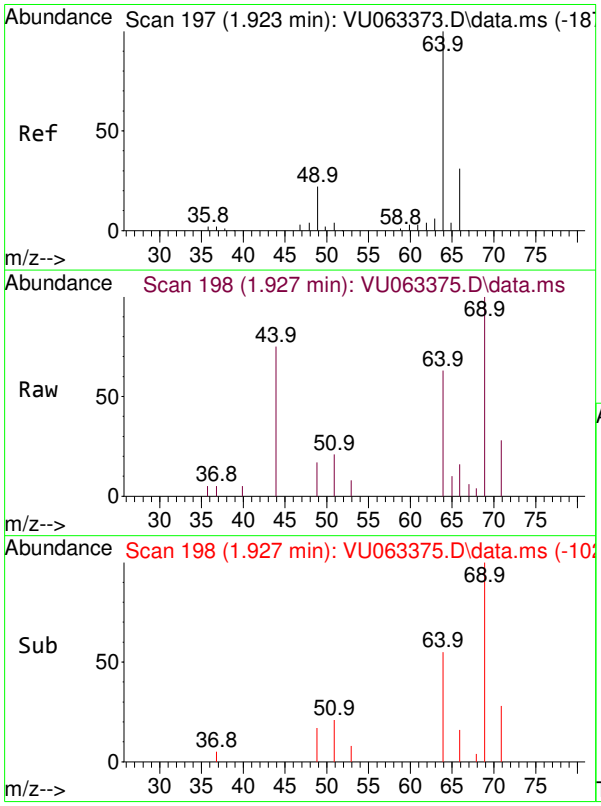


#6
Bromomethane
Concen: 0.261 ug/L
RT: 1.849 min Scan# 174
Delta R.T. 0.013 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion: 94 Resp: 1674

Ion	Ratio	Lower	Upper
94	100		
96	81.6	66.3	123.1





#8
Chloroethane
Concen: 0.262 ug/L
RT: 1.927 min Scan# 1
Delta R.T. 0.010 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion: 64 Resp: 188

Ion	Ratio	Lower	Upper
64	100		
66	25.6	21.7	40.3

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2025-04

Manual Integrations
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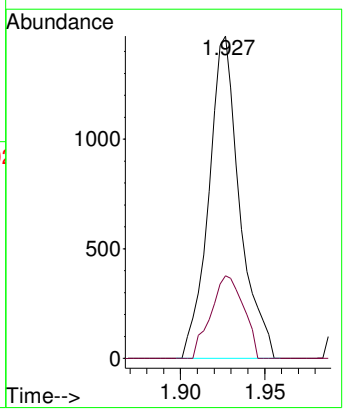
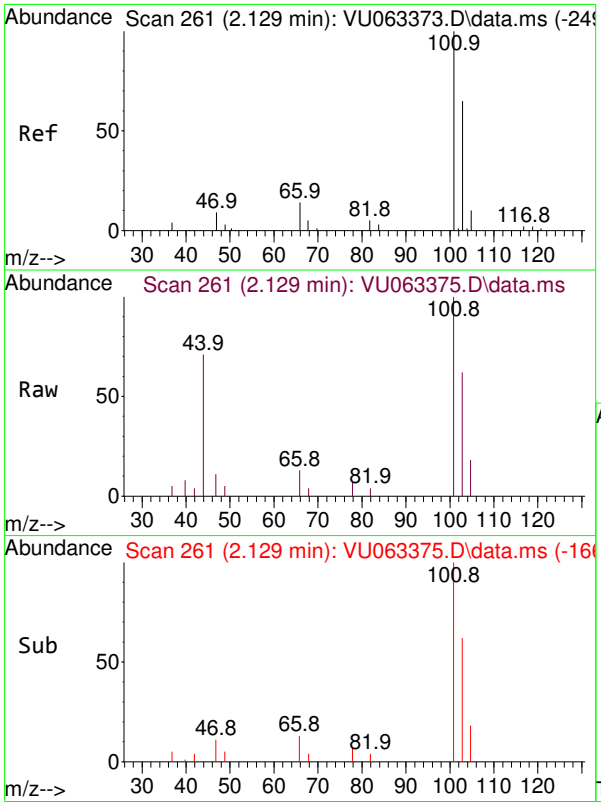
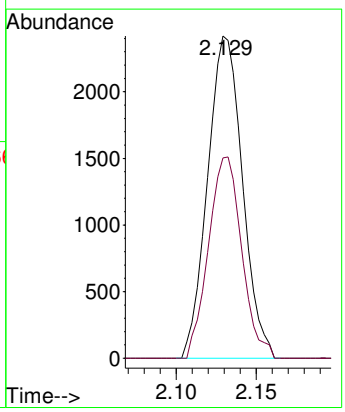


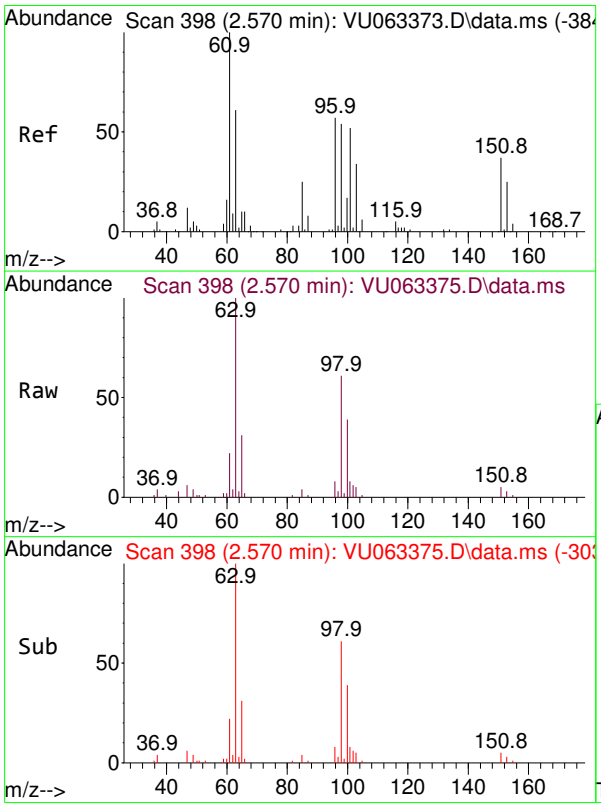


#9
Trichlorofluoromethane
Concen: 0.275 ug/L
RT: 2.129 min Scan# 261
Delta R.T. 0.007 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion:101 Resp: 3674

Ion	Ratio	Lower	Upper
101	100		
103	59.6	51.8	77.8





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.310 ug/L
RT: 2.570 min Scan# 3
Delta R.T. 0.007 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion:101 Resp: 236

Ion	Ratio	Lower	Upper
101	100		
85	35.1	35.0	52.4
151	53.3	56.3	84.5

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2025-04

Manual Integrations
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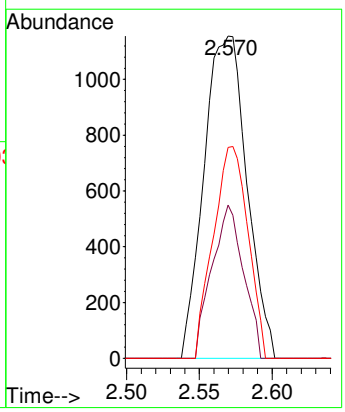
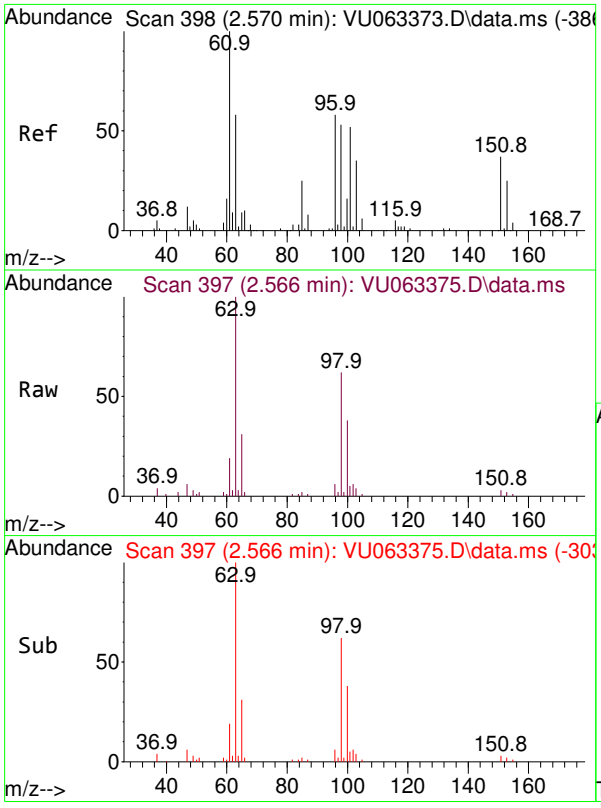
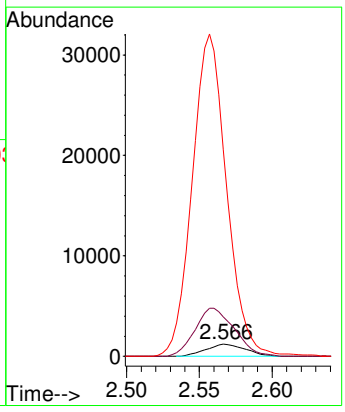


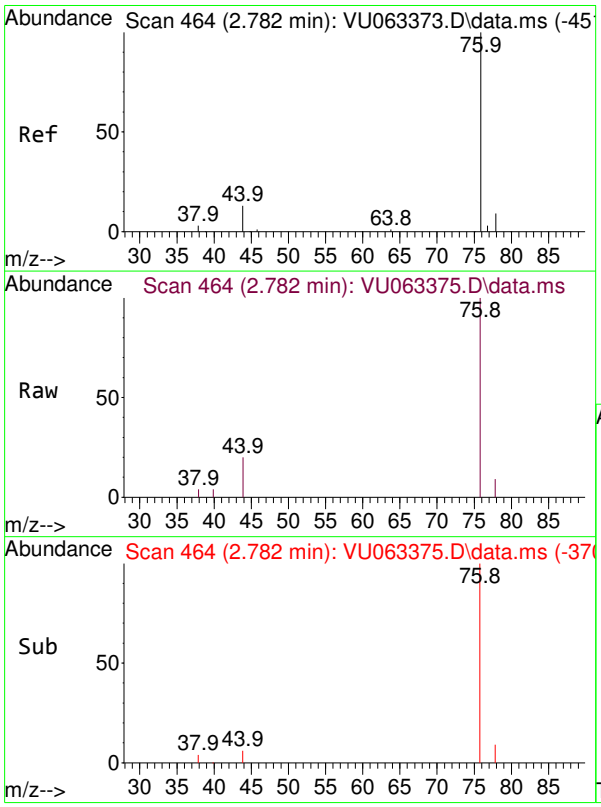


#12
1,1-Dichloroethene
Concen: 0.320 ug/L
RT: 2.566 min Scan# 397
Delta R.T. 0.003 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion: 96 Resp: 2288

Ion	Ratio	Lower	Upper
96	100		
61	326.3	121.9	226.3#
63	1706.9	80.3	149.1#





#14
Carbon disulfide
Concen: 0.275 ug/L
RT: 2.782 min Scan# 4
Delta R.T. 0.003 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion: 76 Resp: 684

Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.5	11.3

Instrument :
MSVOA_U
ClientSampleId :
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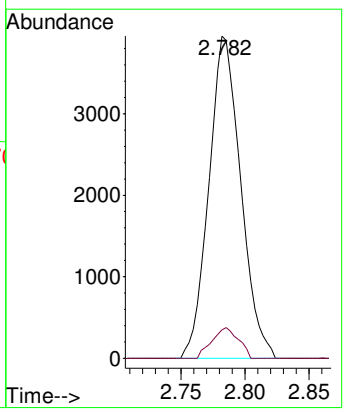
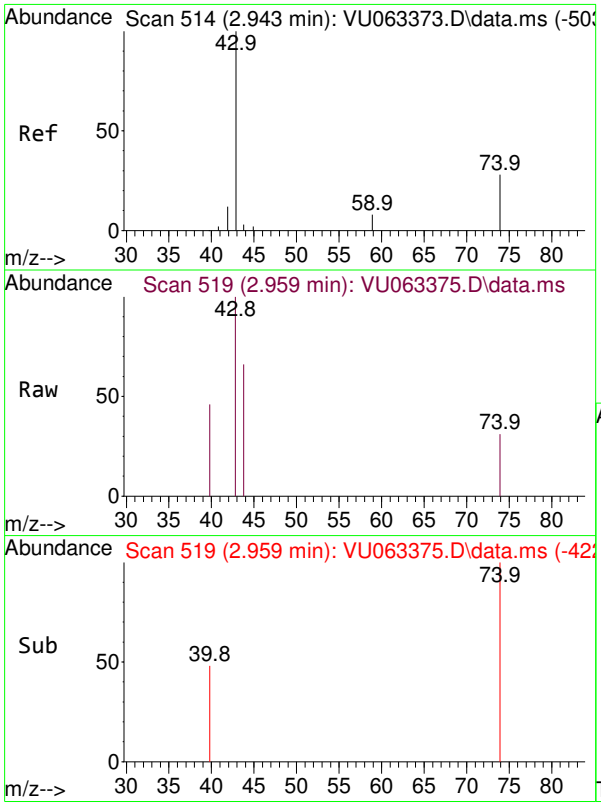
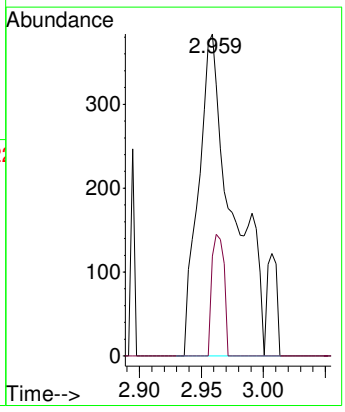


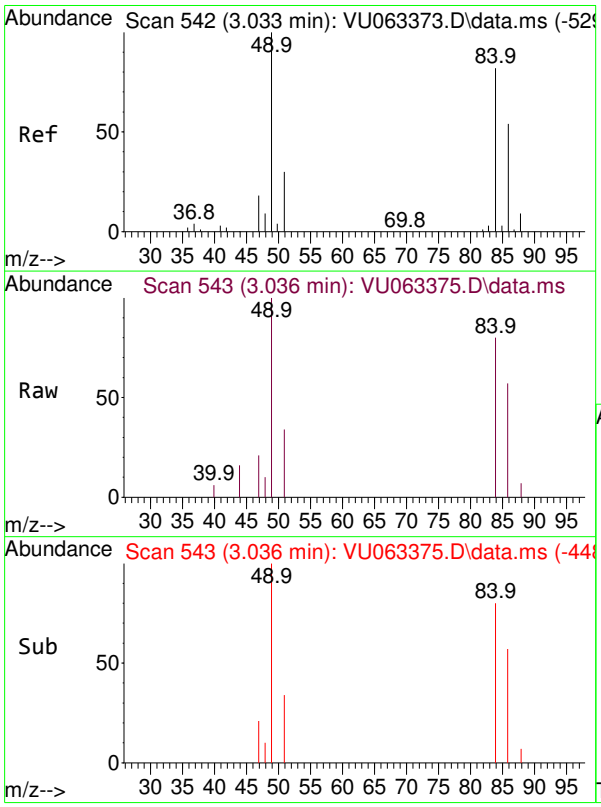


#15
Methyl Acetate
Concen: 0.220 ug/L m
RT: 2.959 min Scan# 519
Delta R.T. 0.013 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion: 43 Resp: 803

Ion	Ratio	Lower	Upper
43	100		
74	12.3	19.5	29.3#





#16
Methylene chloride
Concen: 0.326 ug/L
RT: 3.036 min Scan# 5
Delta R.T. 0.007 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion: 84 Resp: 297

Ion	Ratio	Lower	Upper
84	100		
86	72.0	45.0	83.6
49	125.4	82.4	153.0

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2025-04

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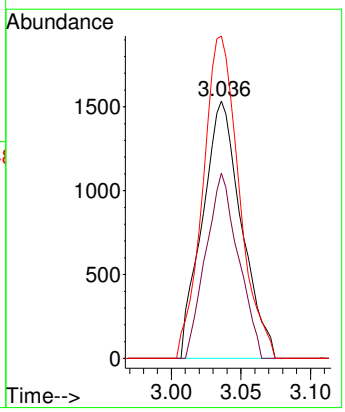
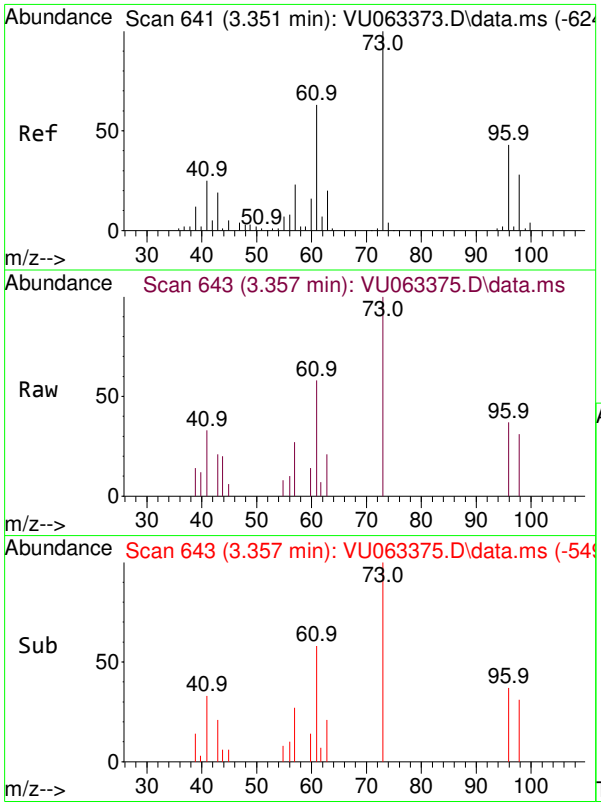
Supervised By :Mahesh Dadoda 06/11/2025

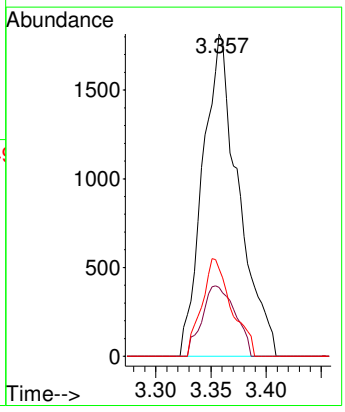


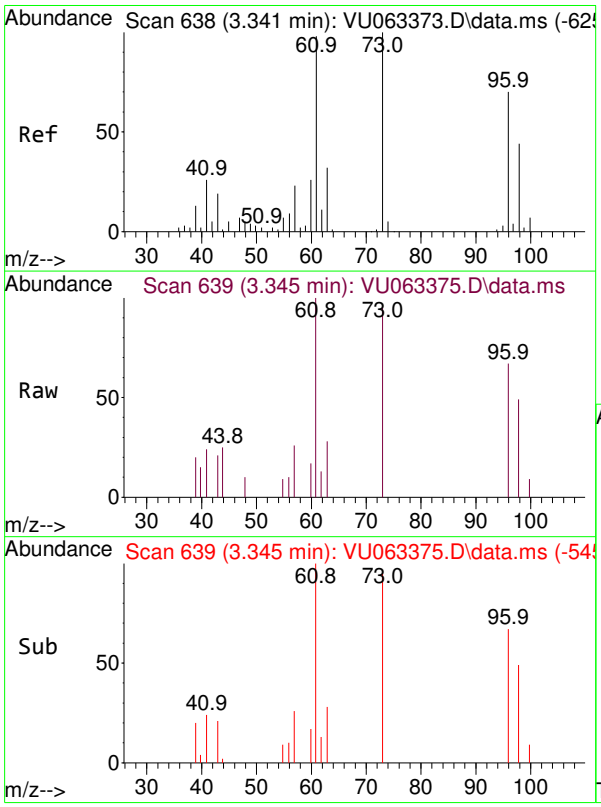


#17
Methyl tert-butyl Ether
Concen: 0.224 ug/L
RT: 3.357 min Scan# 643
Delta R.T. 0.003 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion: 73 Resp: 4063

Ion	Ratio	Lower	Upper
73	100		
43	20.4	15.1	22.7
57	25.3	18.7	28.1





#18
trans-1,2-Dichloroethene
Concen: 0.237 ug/L
RT: 3.345 min Scan# 6
Delta R.T. 0.003 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion: 96 Resp: 189

Ion	Ratio	Lower	Upper
96	100		
61	148.6	99.2	184.2
98	72.3	43.2	80.2

Instrument :
MSVOA_U
ClientSampleId :
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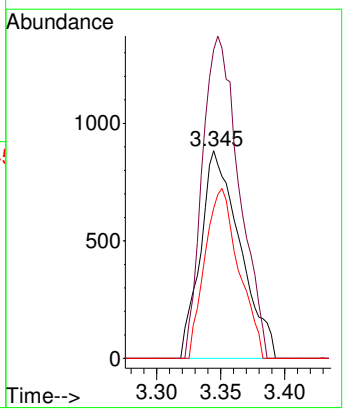
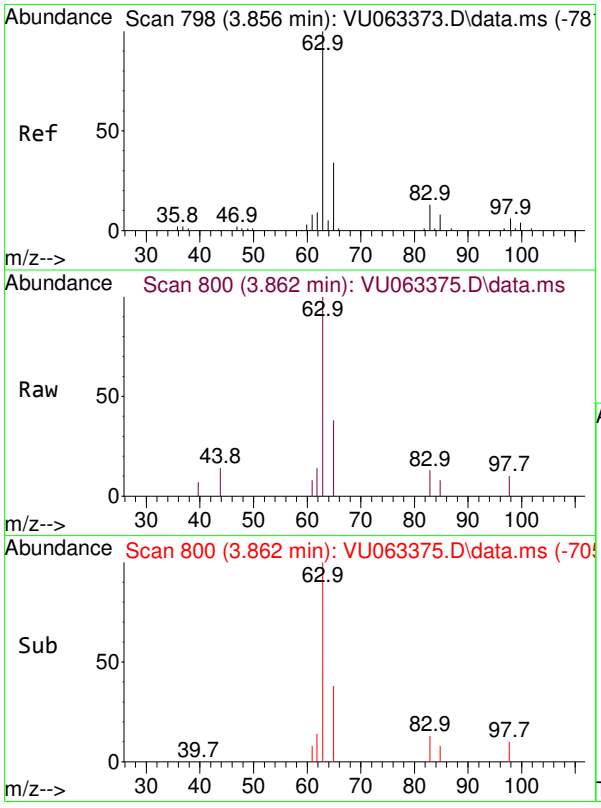
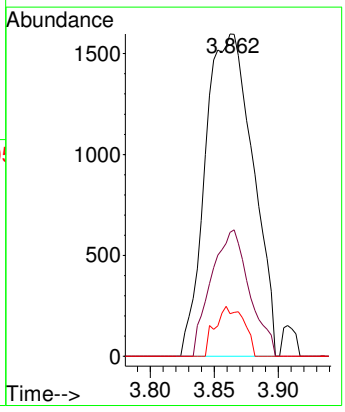


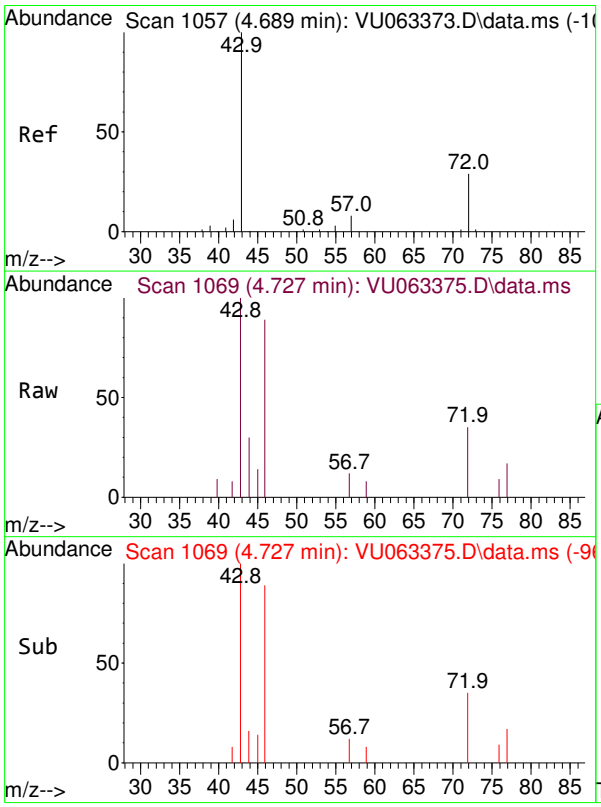


#19
1,1-Dichloroethane
Concen: 0.257 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.007 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion: 63 Resp: 4111

Ion	Ratio	Lower	Upper
63	100		
65	38.4	23.2	43.0
83	13.3	8.7	16.1





#21
2-Butanone
Concen: 2.986 ug/L
RT: 4.727 min Scan# 1
Delta R.T. 0.032 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion: 43 Resp: 630

Ion	Ratio	Lower	Upper
43	100		
72	18.2	13.9	41.7

Instrument :
MSVOA_U
ClientSampleId :
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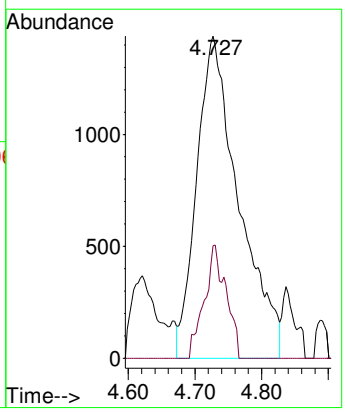
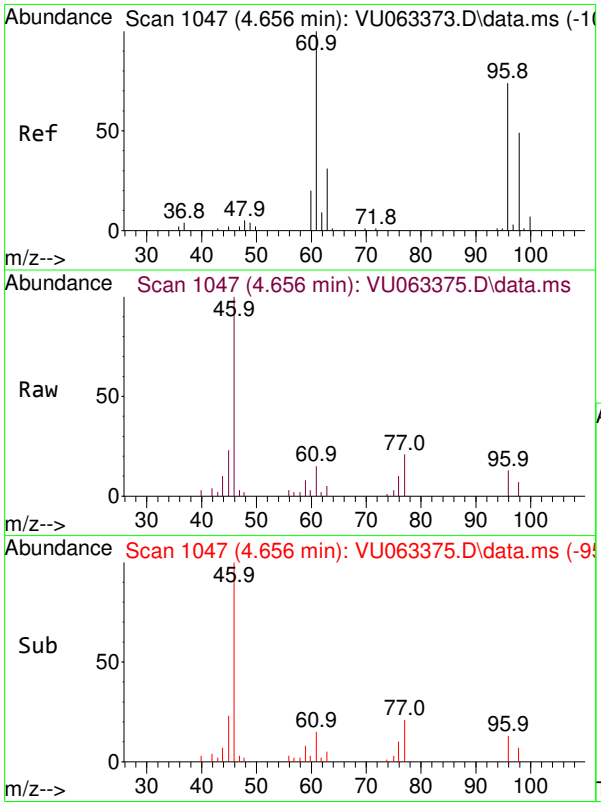
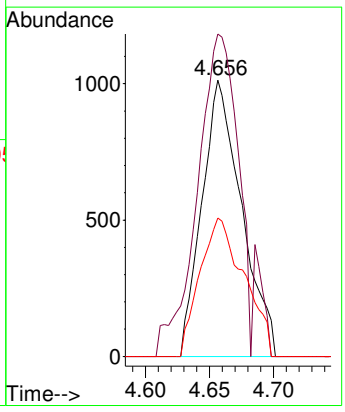


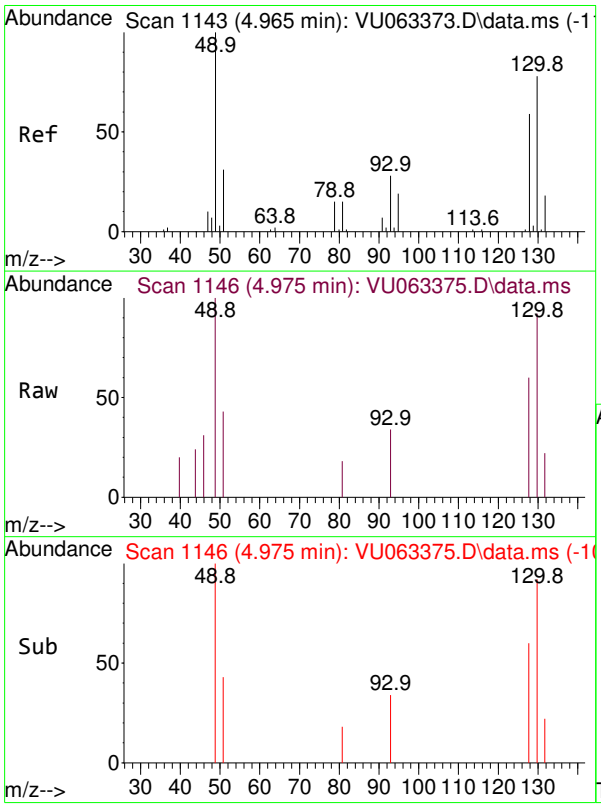


#22
cis-1,2-Dichloroethene
Concen: 0.244 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. 0.003 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion: 96 Resp: 2180

Ion	Ratio	Lower	Upper
96	100		
61	116.7	91.8	170.6
98	50.1	44.4	82.4

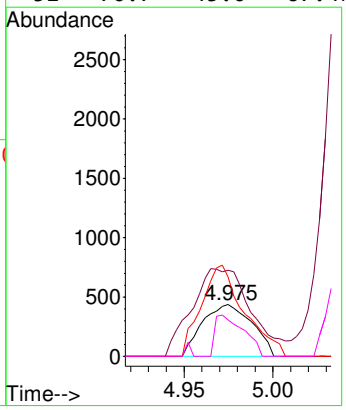




#23
Bromochloromethane
Concen: 0.205 ug/L
RT: 4.975 min Scan# 1
Delta R.T. 0.010 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion:128 Resp: 84

Ion	Ratio	Lower	Upper
128	100		
49	166.1	121.2	225.2
130	152.9	89.2	165.6
51	70.7	45.0	67.4#



Instrument :
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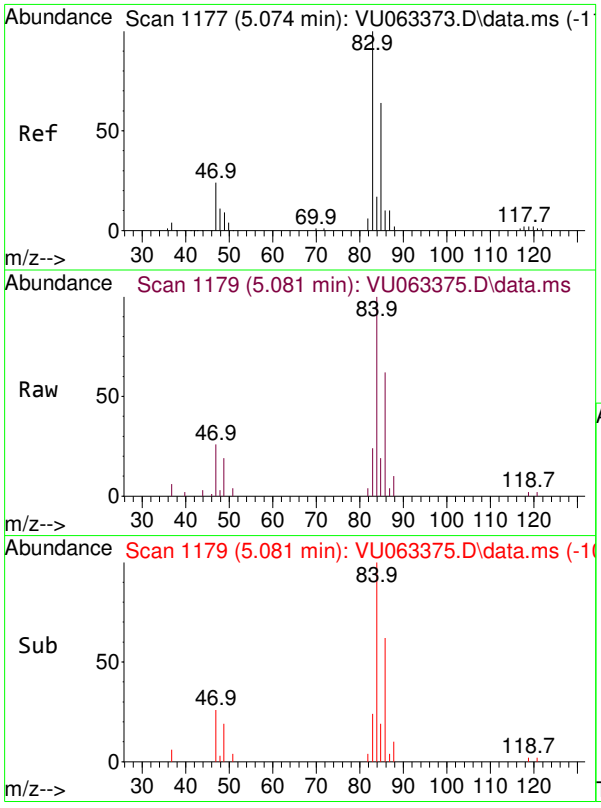
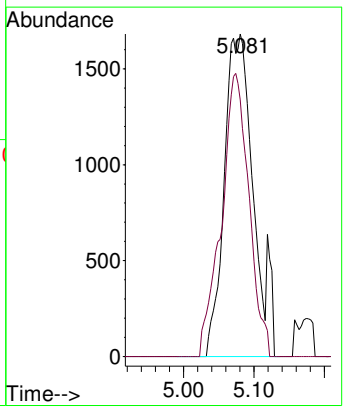
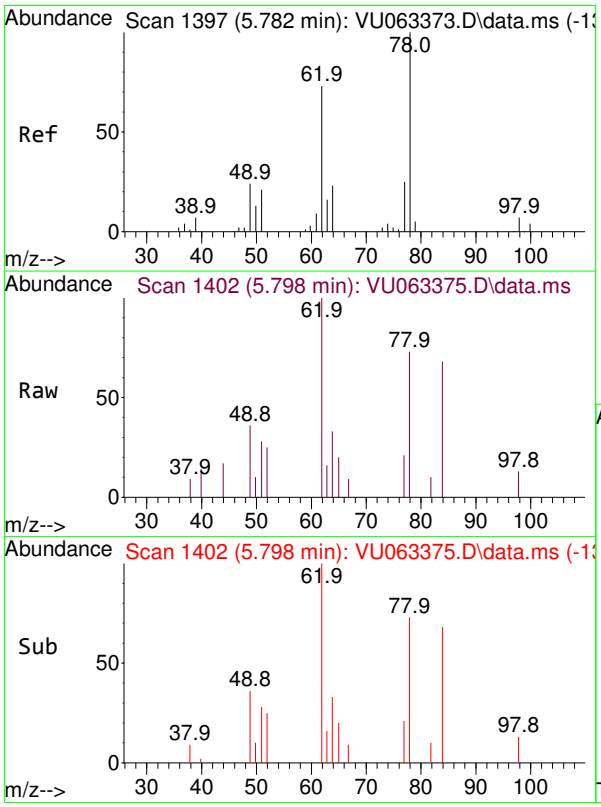


#25
Chloroform
Concen: 0.302 ug/L m
RT: 5.081 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion: 83 Resp: 4836

Ion	Ratio	Lower	Upper
83	100		
85	79.6	45.6	84.8

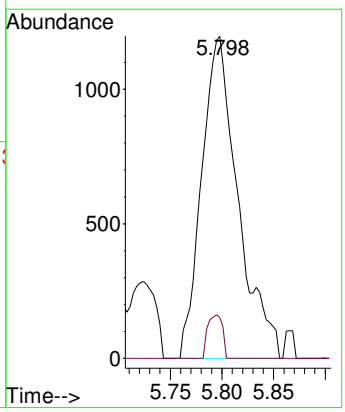




#27
1,2-Dichloroethane
Concen: 0.284 ug/L
RT: 5.798 min Scan# 1
Delta R.T. 0.013 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion: 62 Resp: 292

Ion	Ratio	Lower	Upper
62	100		
98	12.7	7.2	10.8



Instrument :
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ClientSampleId :
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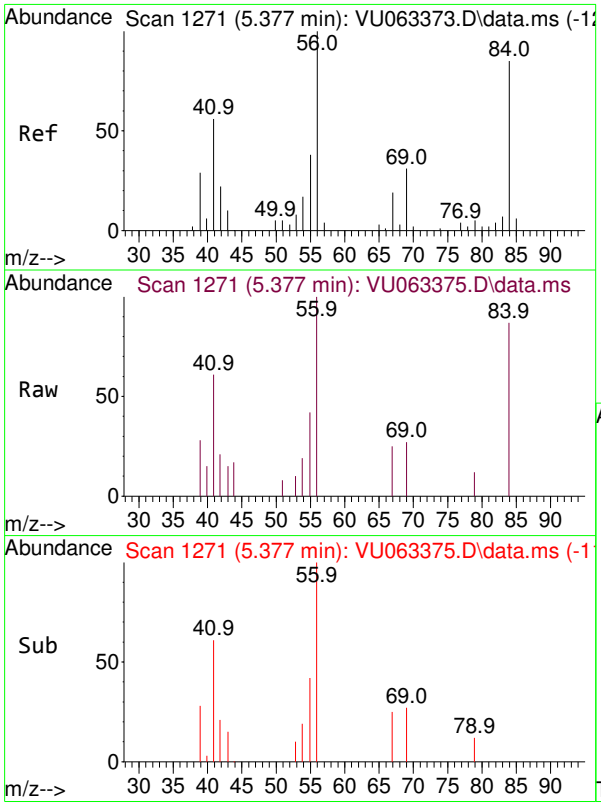
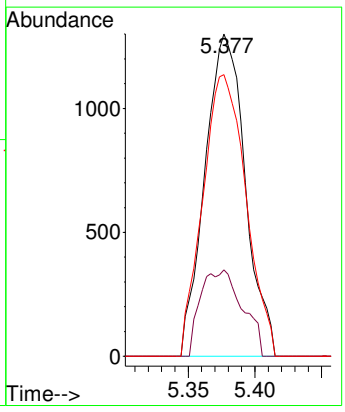
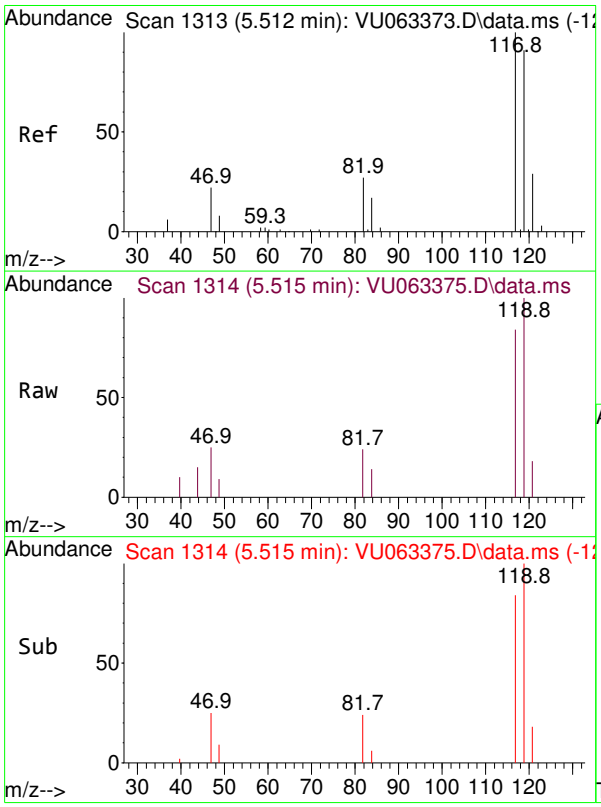


#30
Cyclohexane
Concen: 0.197 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. 0.003 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion: 56 Resp: 2732

Ion	Ratio	Lower	Upper
56	100		
69	27.9	24.6	37.0
84	93.4	67.9	101.9

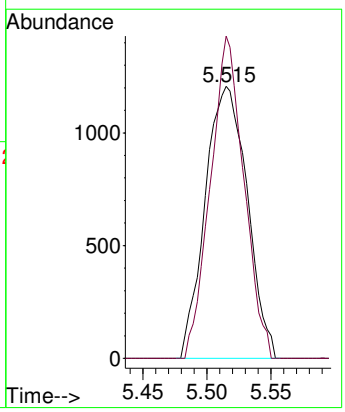




#31
Carbon tetrachloride
Concen: 0.247 ug/L
RT: 5.515 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion:117 Resp: 275

Ion	Ratio	Lower	Upper
117	100		
119	94.4	77.0	115.4



Instrument :
MSVOA_U
ClientSampleId :
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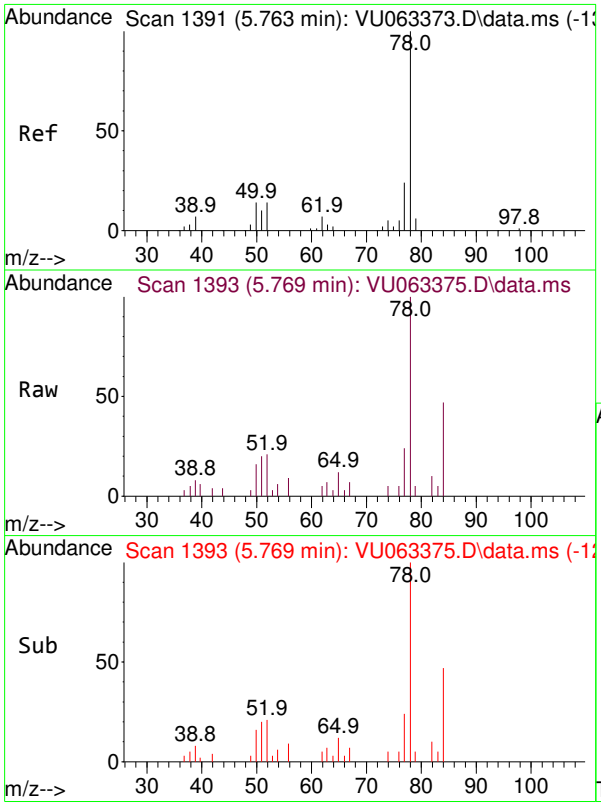
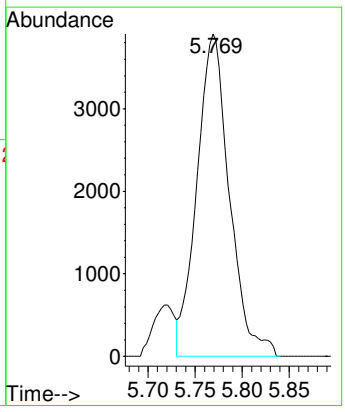
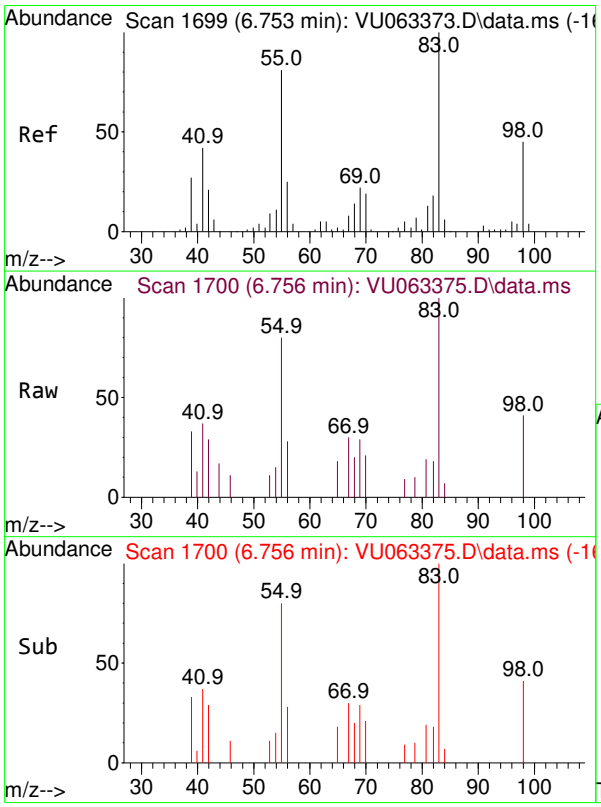


#33
Benzene
Concen: 0.253 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.006 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion: 78 Resp: 9367





#35
Methylcyclohexane
Concen: 0.224 ug/L
RT: 6.756 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion: 83 Resp: 307

Ion	Ratio	Lower	Upper
83	100		
55	79.8	62.8	94.2
98	35.6	36.0	54.0

Instrument :
MSVOA_U
ClientSampleId :
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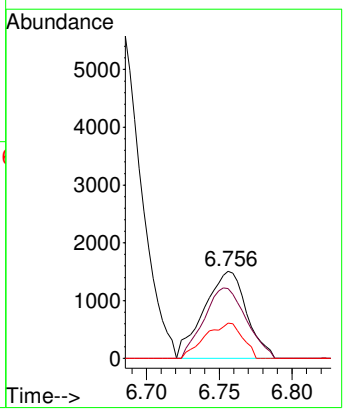
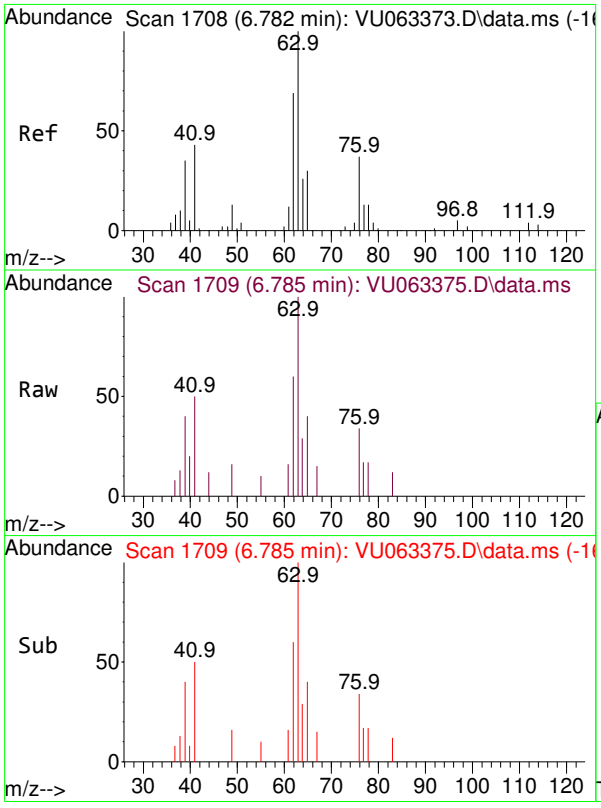
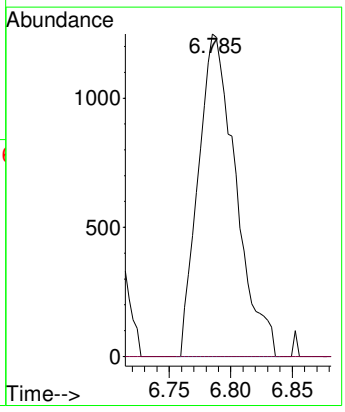


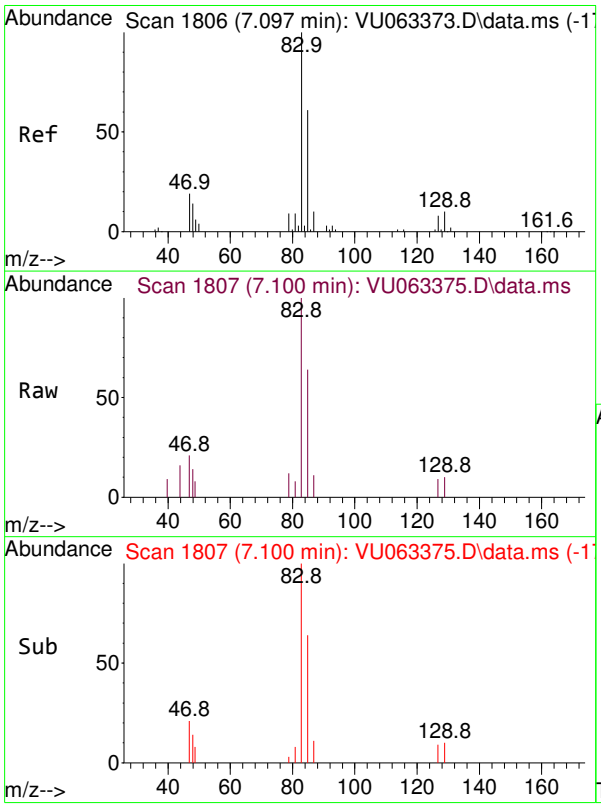


#37
1,2-Dichloropropane
Concen: 0.258 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. 0.003 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion: 63 Resp: 2648

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.6	4.0#





#38
Bromodichloromethane
Concen: 0.245 ug/L
RT: 7.100 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion: 83 Resp: 297

Ion	Ratio	Lower	Upper
83	100		
85	64.1	44.0	81.8
127	9.4	6.3	9.5

Instrument :
MSVOA_U
ClientSampleId :
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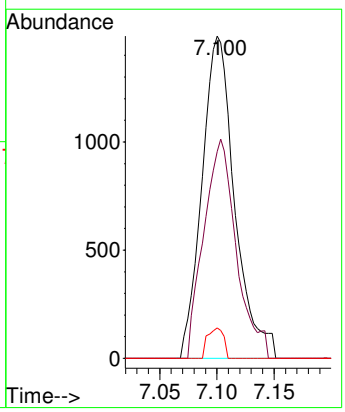
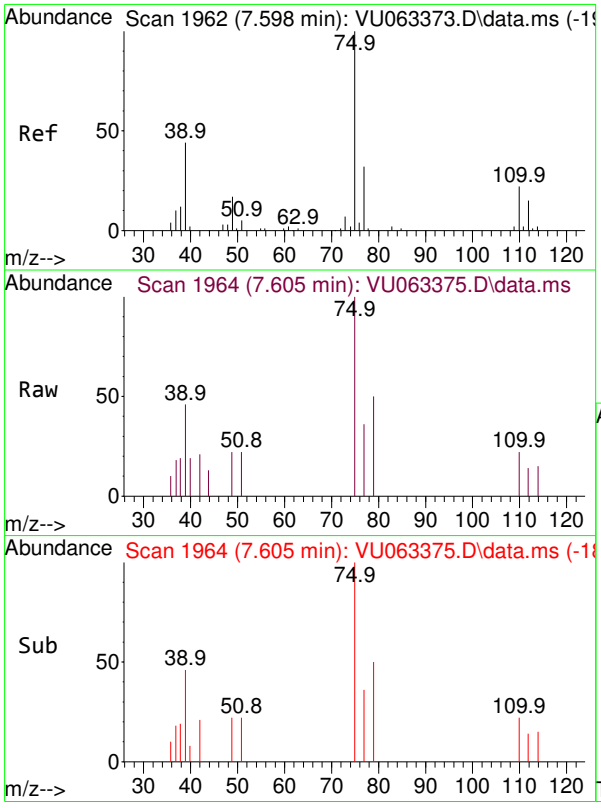
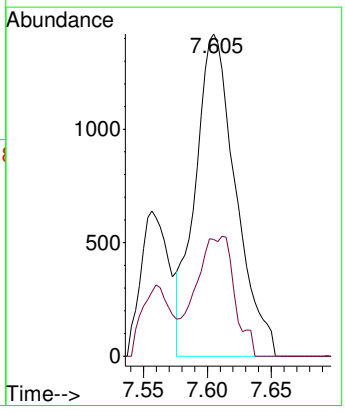


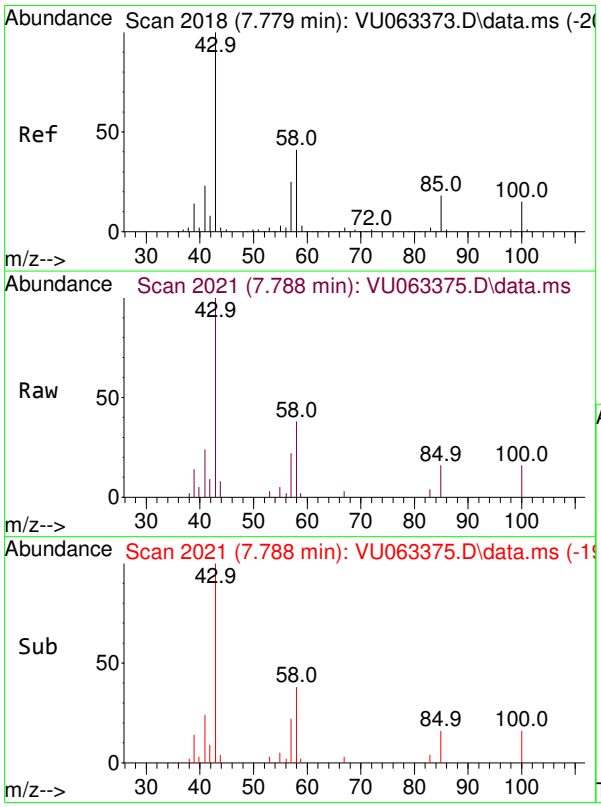


#39
cis-1,3-Dichloropropene
Concen: 0.223 ug/L
RT: 7.605 min Scan# 1964
Delta R.T. 0.003 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion: 75 Resp: 3113

Ion	Ratio	Lower	Upper
75	100		
77	36.3	22.6	42.0

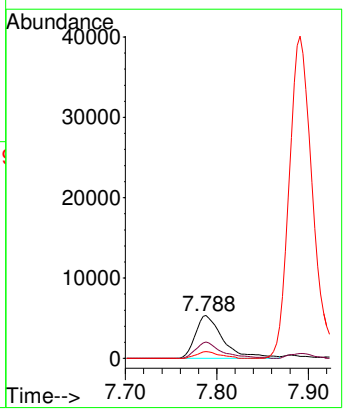




#40
4-Methyl-2-pentanone
Concen: 2.035 ug/L
RT: 7.788 min Scan# 2
Delta R.T. 0.007 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion: 43 Resp: 1124

Ion	Ratio	Lower	Upper
43	100		
58	35.0	33.7	50.5
100	0.0	12.1	18.1



Instrument :
MSVOA_U
ClientSampleId :
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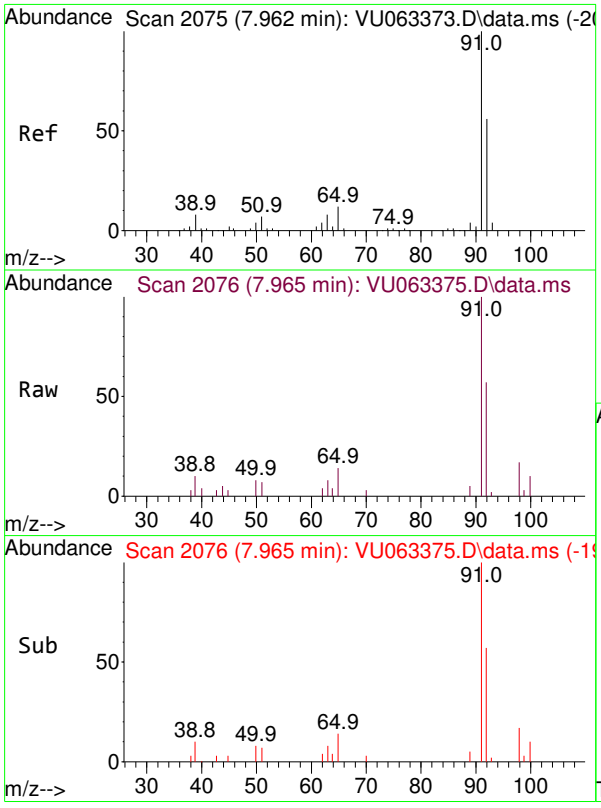
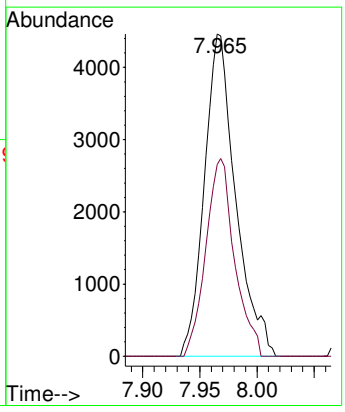
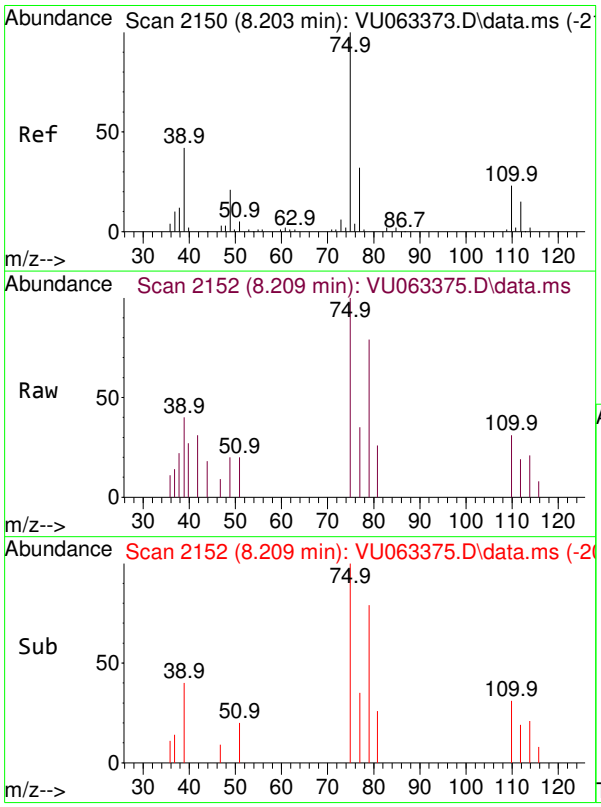


#42
Toluene
Concen: 0.222 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion: 91 Resp: 8513

Ion	Ratio	Lower	Upper
91	100		
92	59.5	39.5	73.4





#44
trans-1,3-Dichloropropene
Concen: 0.280 ug/L
RT: 8.209 min Scan# 2
Delta R.T. 0.007 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion: 75 Resp: 317

Ion	Ratio	Lower	Upper
75	100		
77	34.6	21.6	40.6

Instrument :
MSVOA_U
ClientSampleId :
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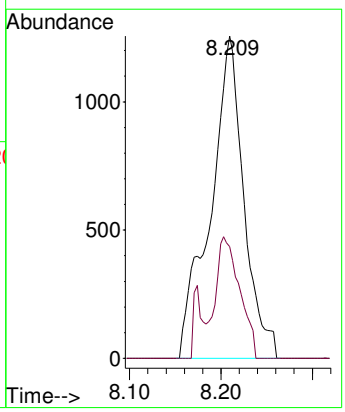
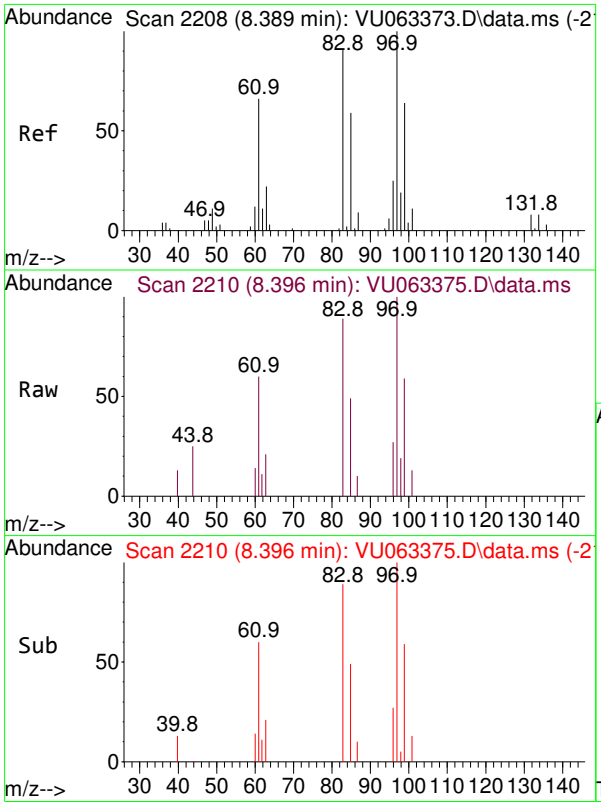
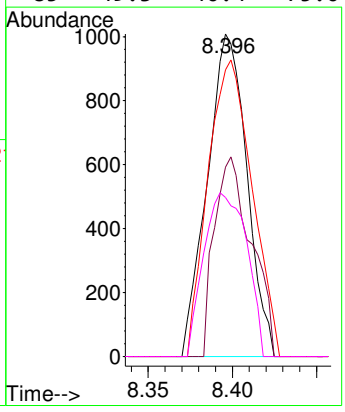


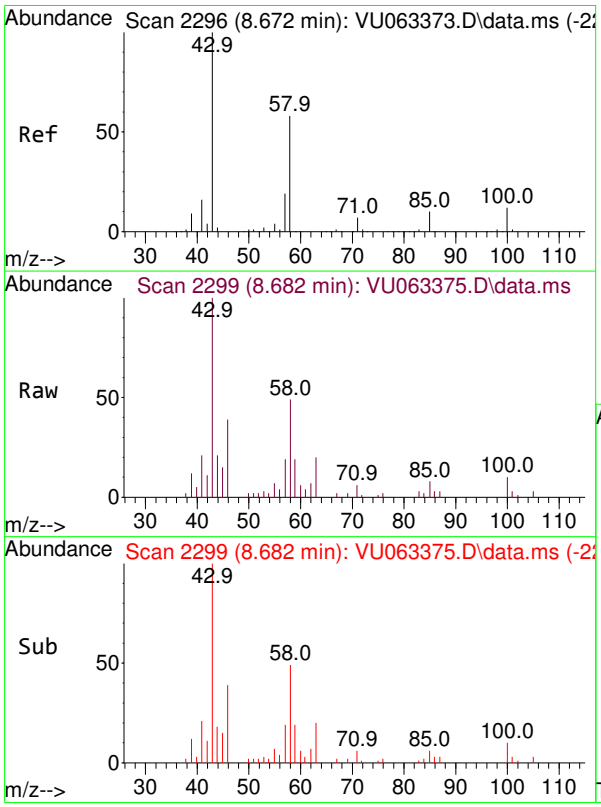


#45
1,1,2-Trichloroethane
Concen: 0.224 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.003 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion: 97 Resp: 1644

Ion	Ratio	Lower	Upper
97	100		
99	58.7	42.2	78.4
83	88.8	62.9	116.9
85	49.3	40.4	75.0

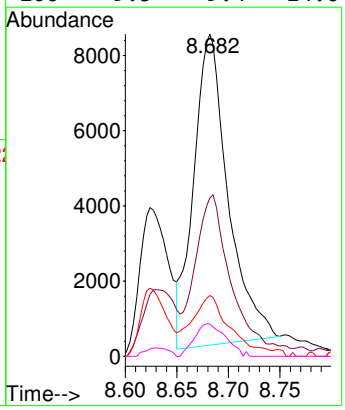




#48
2-Hexanone
Concen: 4.843 ug/L
RT: 8.682 min Scan# 2
Delta R.T. 0.006 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion: 43 Resp: 1918

Ion	Ratio	Lower	Upper
43	100		
58	51.1	45.8	68.8
57	19.1	15.7	23.5
100	9.5	9.4	14.0



Instrument :
MSVOA_U
ClientSampleId :
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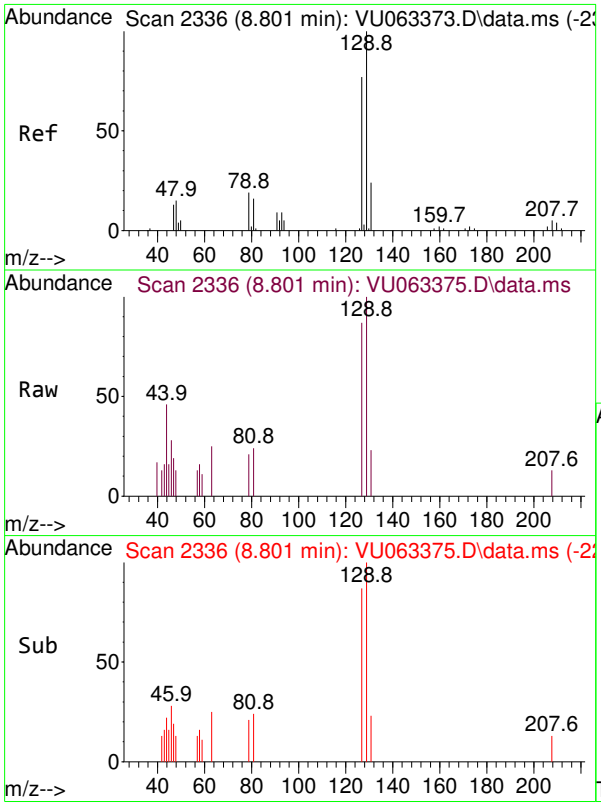
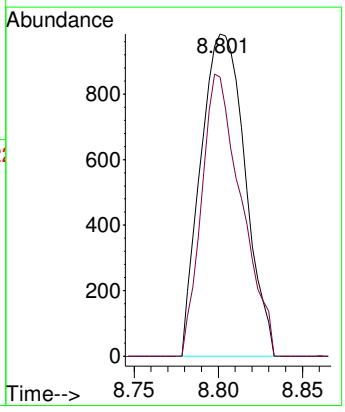
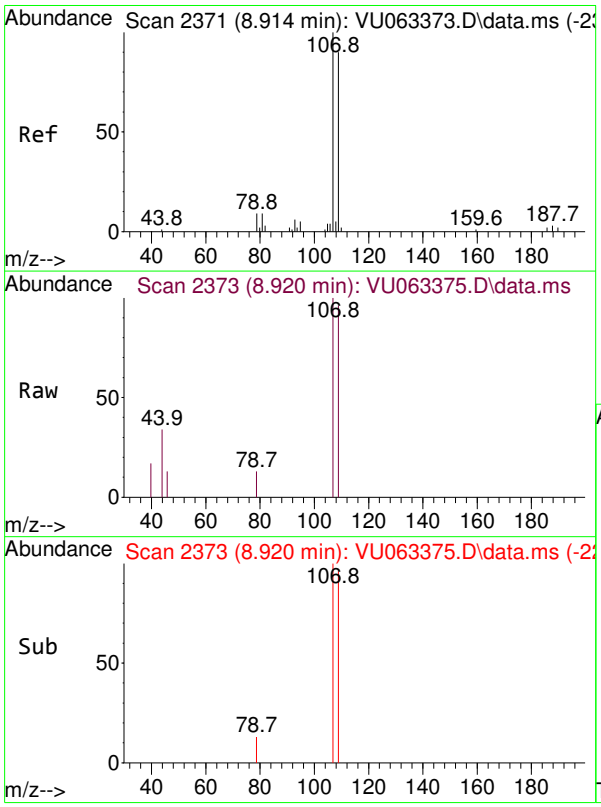


#49
Dibromochloromethane
Concen: 0.229 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion:129 Resp: 1802

Ion	Ratio	Lower	Upper
129	100		
127	86.6	53.8	99.8

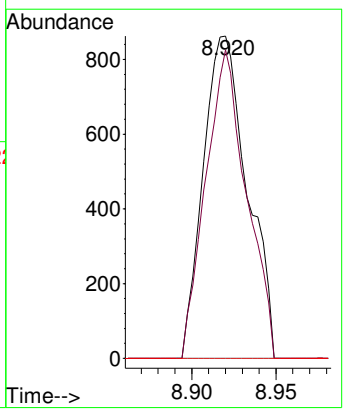




#50
1,2-Dibromoethane
Concen: 0.233 ug/L
RT: 8.920 min Scan# 2
Delta R.T. 0.007 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion:107 Resp: 157

Ion	Ratio	Lower	Upper
107	100		
109	95.7	67.6	125.6
188	0.0	2.6	3.8



Instrument :
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ClientSampleId :
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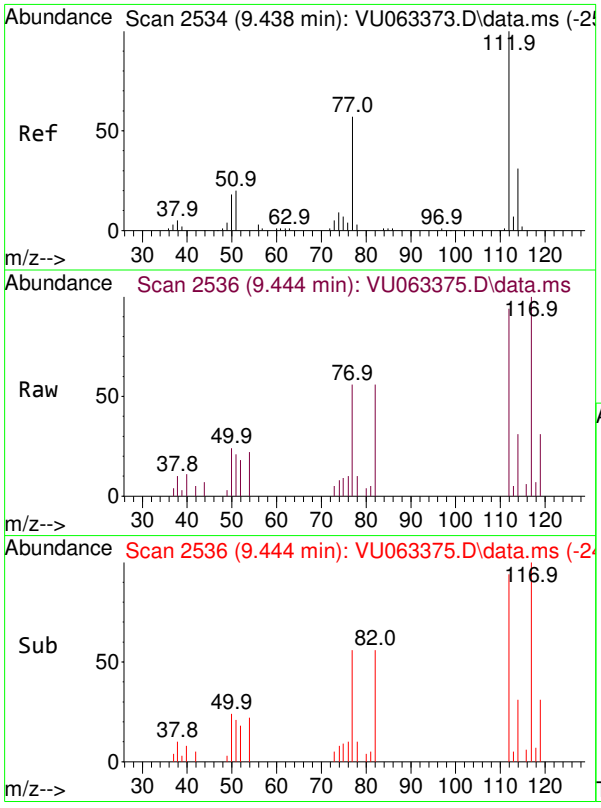
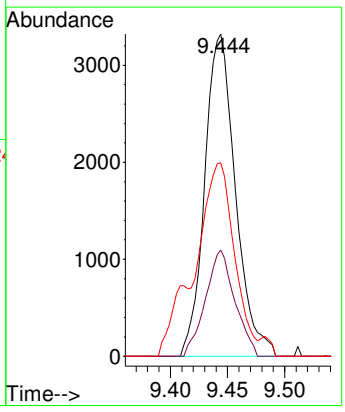
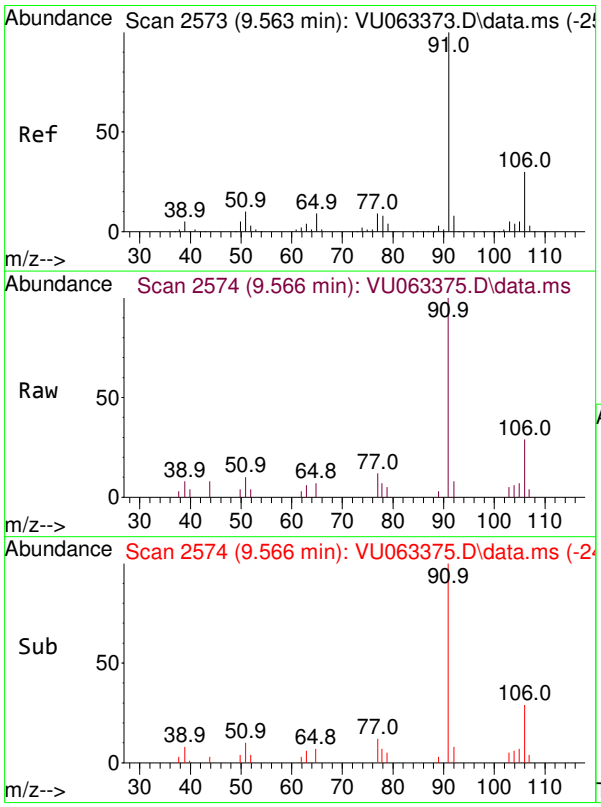


#51
Chlorobenzene
Concen: 0.254 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion:112 Resp: 6217

Ion	Ratio	Lower	Upper
112	100		
114	32.9	22.6	42.0
77	60.0	50.8	76.2





#52
Ethylbenzene
Concen: 0.214 ug/L
RT: 9.566 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion: 91 Resp: 838

Ion	Ratio	Lower	Upper
91	100		
106	28.8	21.3	39.6

Instrument :
MSVOA_U
ClientSampleId :
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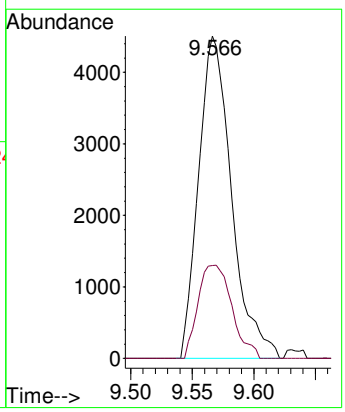
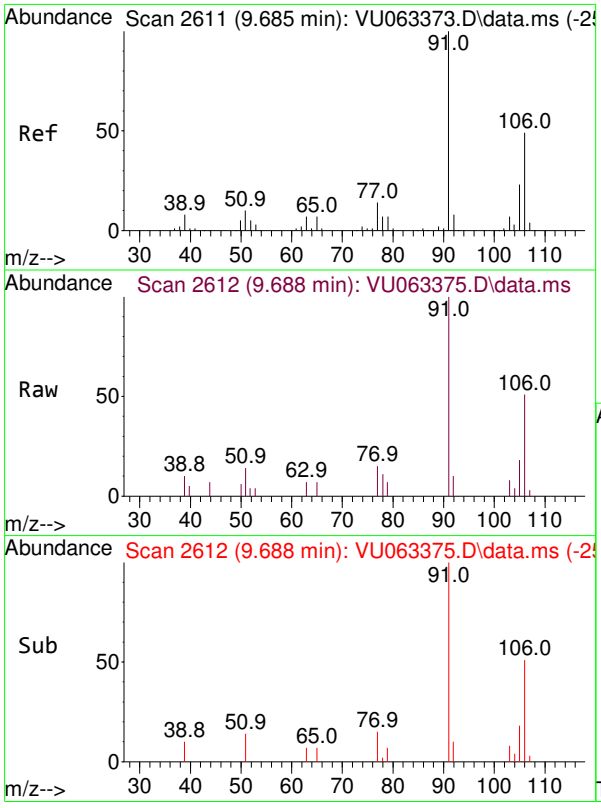
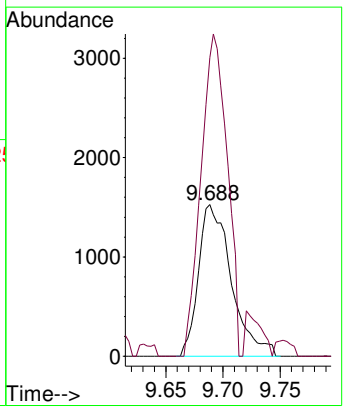


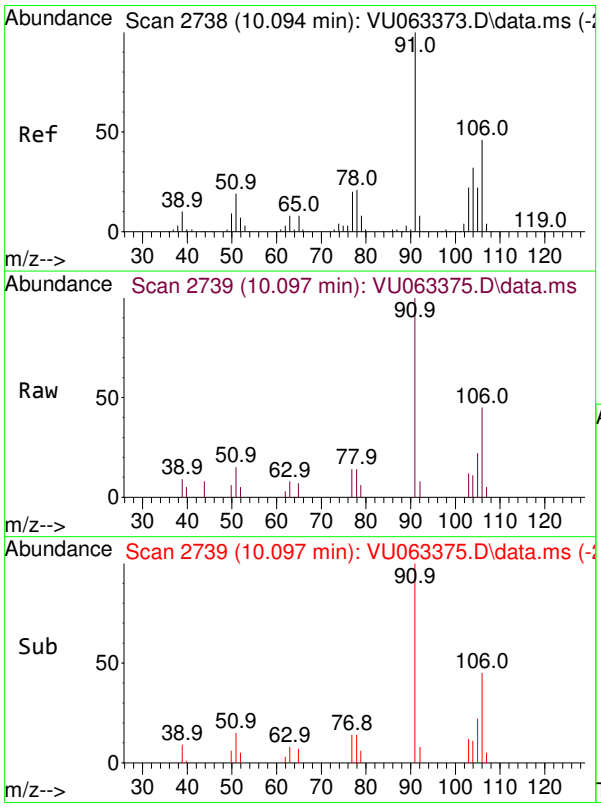


#53
m,p-Xylene
Concen: 0.209 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion:106 Resp: 3072

Ion	Ratio	Lower	Upper
106	100		
91	196.7	147.3	273.6





#54
o-Xylene
Concen: 0.188 ug/L
RT: 10.097 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion:106 Resp: 262

Ion	Ratio	Lower	Upper
106	100		
91	222.1	155.4	288.6

Instrument :
MSVOA_U
ClientSampleId :
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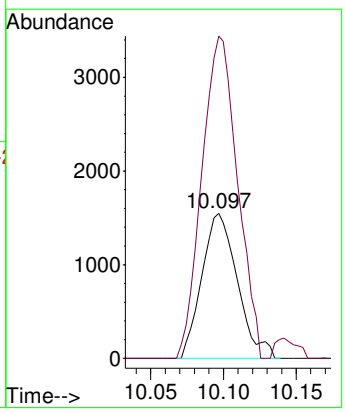
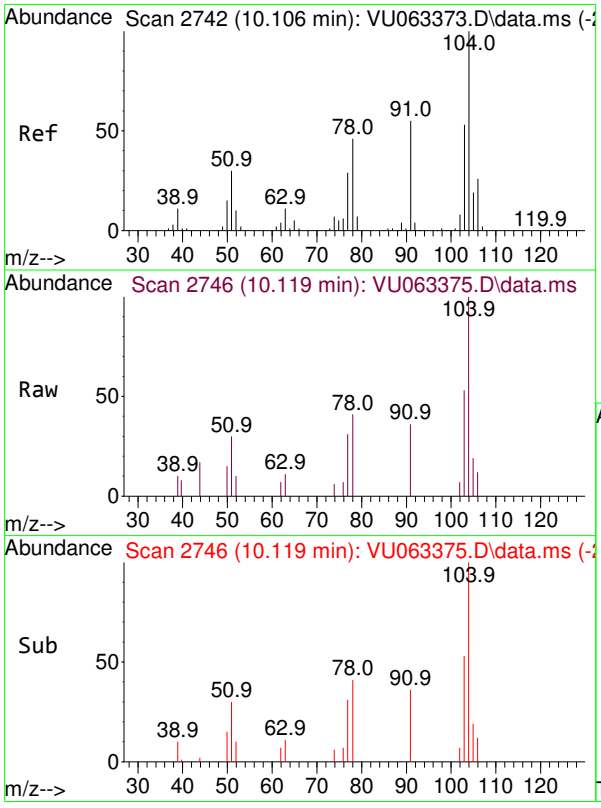
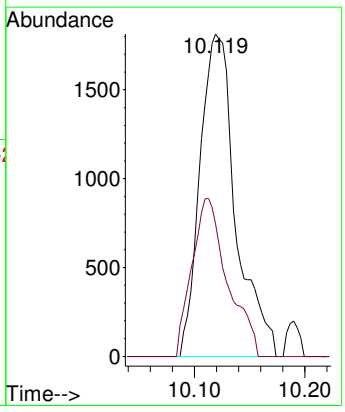


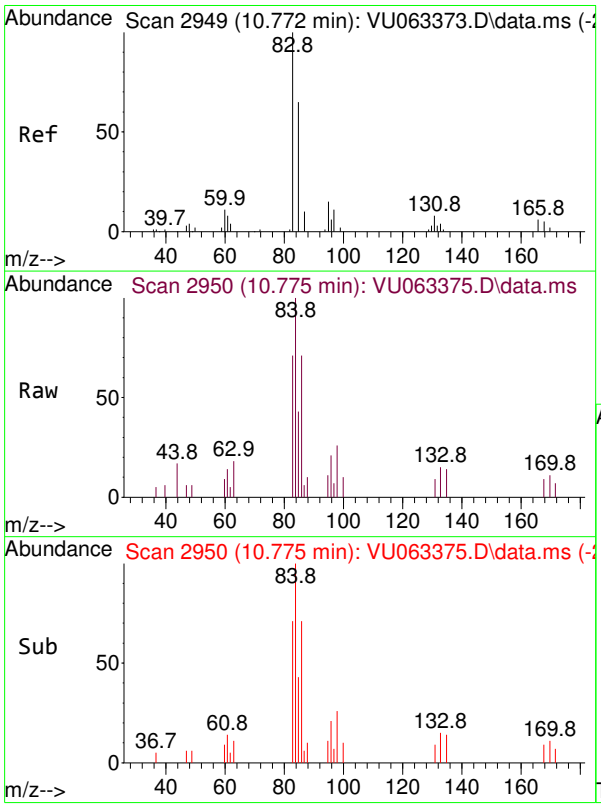


#55
Styrene
Concen: 0.171 ug/L
RT: 10.119 min Scan# 2746
Delta R.T. 0.010 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion:104 Resp: 4080

Ion	Ratio	Lower	Upper
104	100		
78	41.0	31.6	58.6

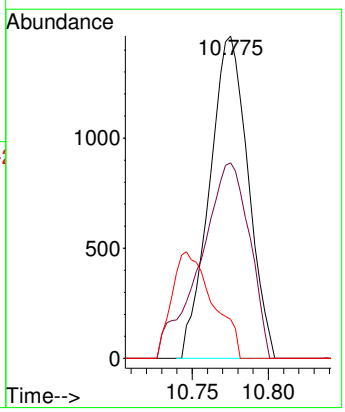




#57
1,1,2,2-Tetrachloroethane
Concen: 0.273 ug/L
RT: 10.775 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion: 83 Resp: 256

Ion	Ratio	Lower	Upper
83	100		
85	60.7	45.6	84.8
131	12.1	7.4	11.0



Instrument :
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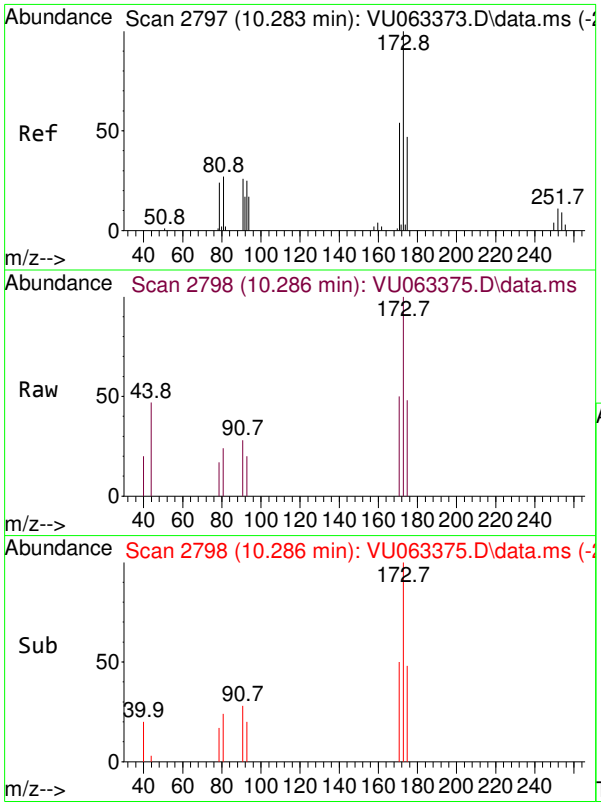
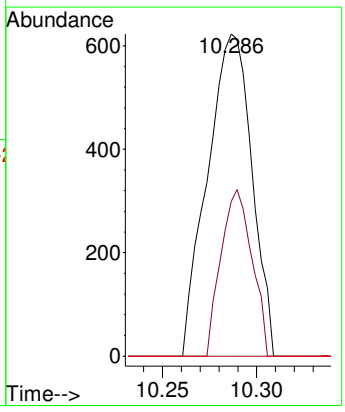
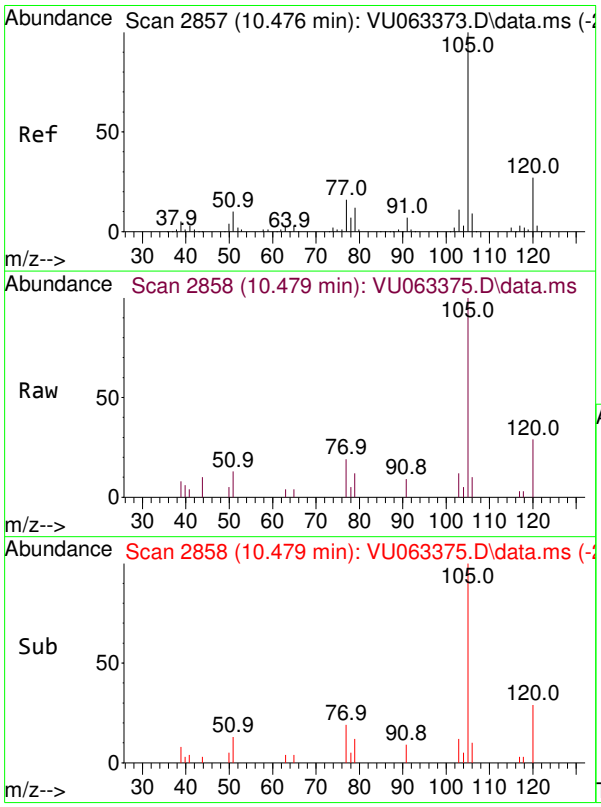


#59
Bromoform
Concen: 0.258 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. 0.003 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion:173 Resp: 1022

Ion	Ratio	Lower	Upper
173	100		
175	36.2	37.7	56.5#
254	0.0	7.9	11.9#





#60
Isopropylbenzene
Concen: 0.217 ug/L
RT: 10.479 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion:105 Resp: 686

Ion	Ratio	Lower	Upper
105	100		
120	26.2	20.8	31.2
77	18.1	13.3	19.9

Instrument :
MSVOA_U
ClientSampleId :
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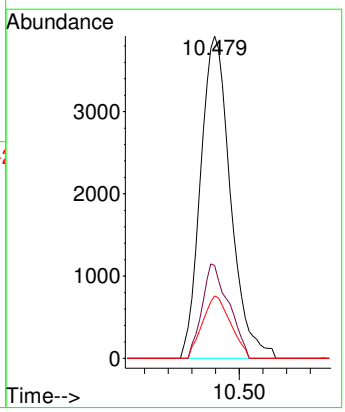
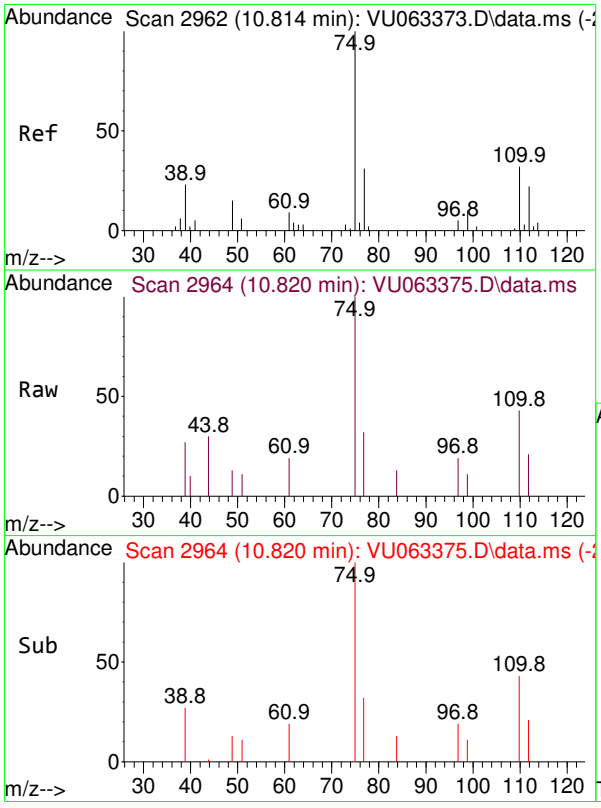
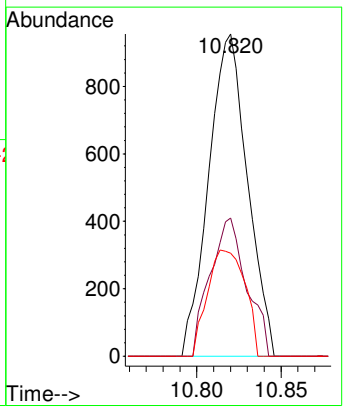


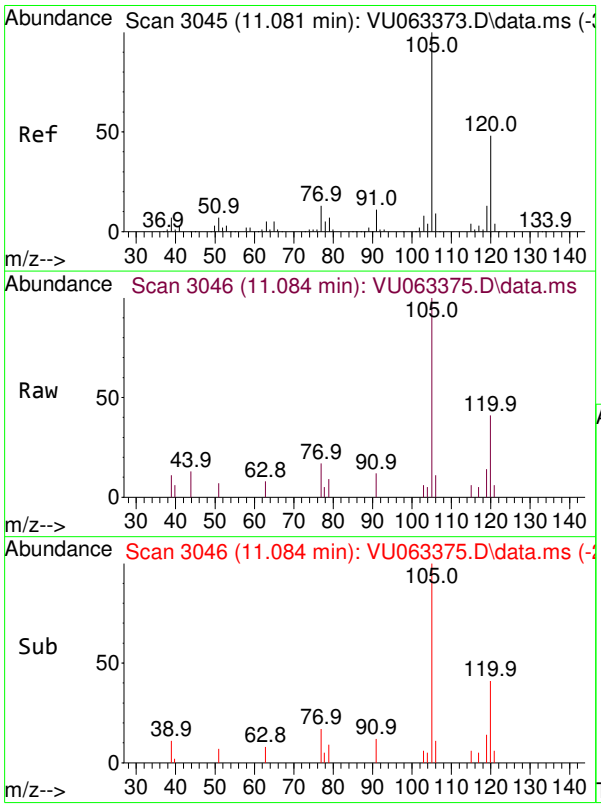


#61
1,2,3-Trichloropropane
Concen: 0.283 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. 0.007 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion: 75 Resp: 1532

Ion	Ratio	Lower	Upper
75	100		
110	40.4	27.4	41.0
77	31.9	26.3	39.5





#62
1,3,5-Trimethylbenzene
Concen: 0.198 ug/L
RT: 11.084 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion:105 Resp: 483

Ion	Ratio	Lower	Upper
105	100		
120	42.8	37.8	56.8

Instrument :
MSVOA_U
ClientSampleId :
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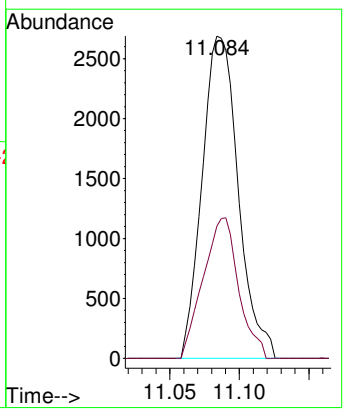
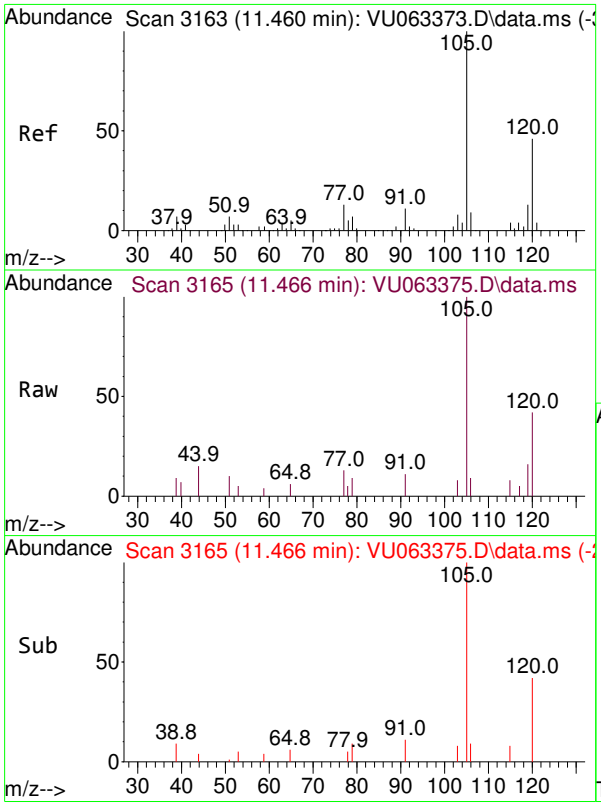
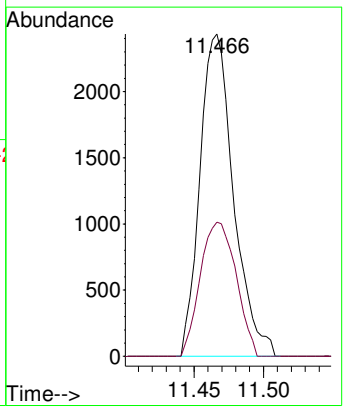


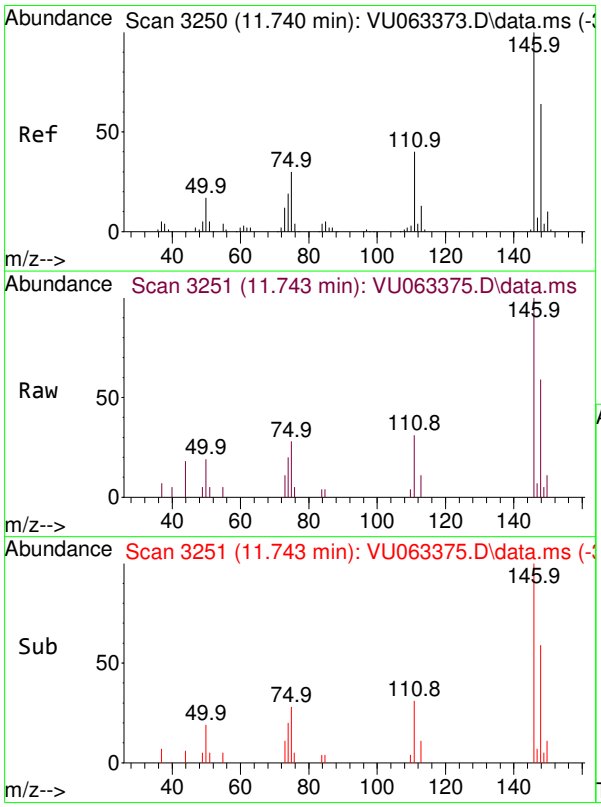


#63
1,2,4-Trimethylbenzene
Concen: 0.174 ug/L
RT: 11.466 min Scan# 3165
Delta R.T. 0.007 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion:105 Resp: 4081

Ion	Ratio	Lower	Upper
105	100		
120	44.4	34.7	52.1





#64
1,3-Dichlorobenzene
Concen: 0.252 ug/L
RT: 11.743 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion:146 Resp: 395

Ion	Ratio	Lower	Upper
146	100		
111	30.9	27.9	51.7
148	59.3	44.6	82.8

Instrument :
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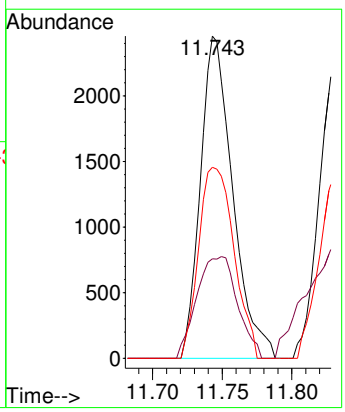
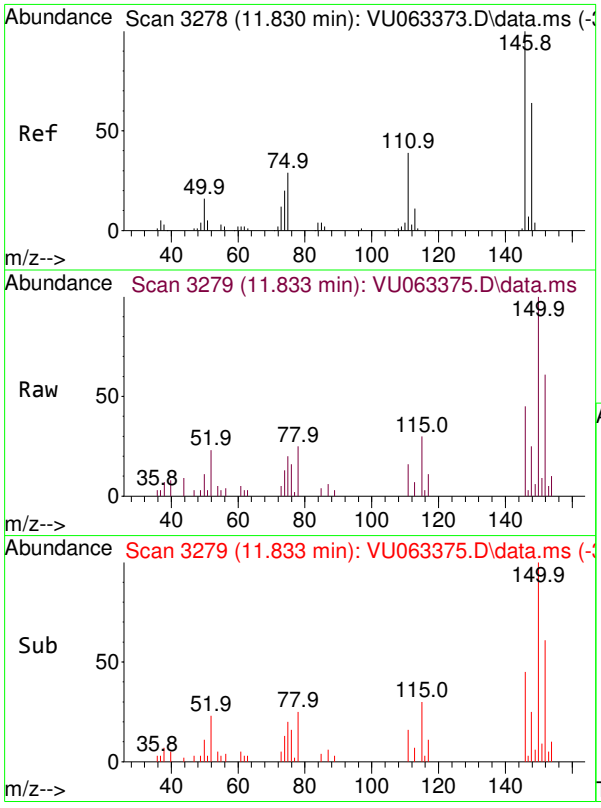
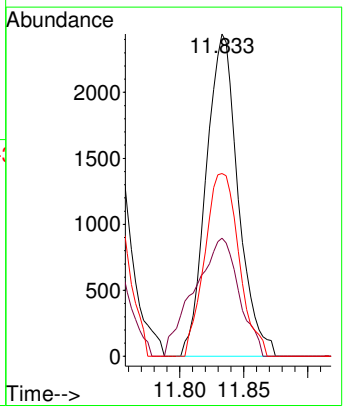


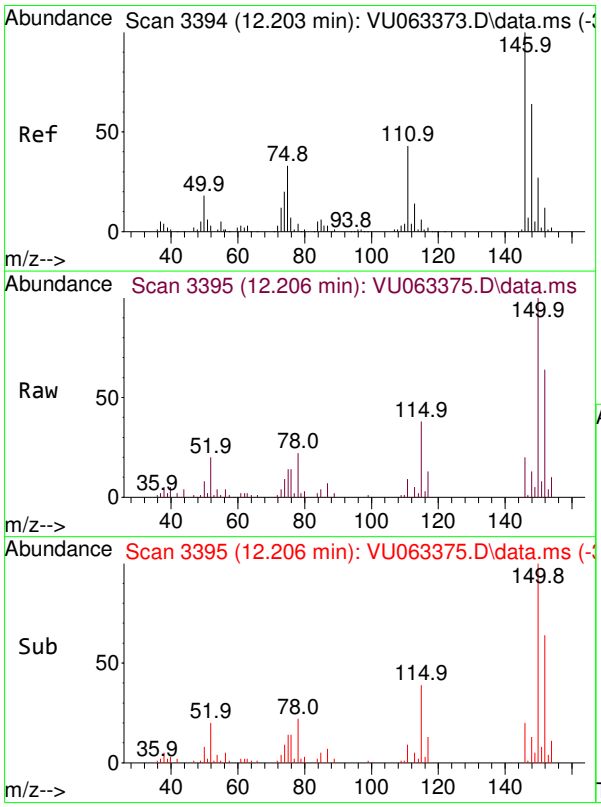


#65
1,4-Dichlorobenzene
Concen: 0.269 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion:146 Resp: 4242

Ion	Ratio	Lower	Upper
146	100		
111	36.7	28.5	52.9
148	56.7	45.4	84.2

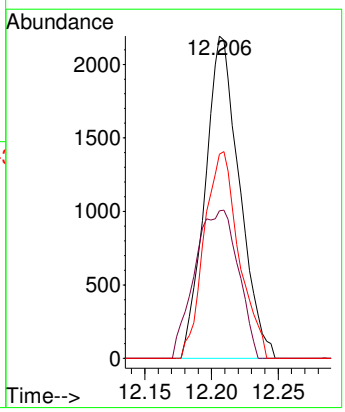




#67
1,2-Dichlorobenzene
Concen: 0.266 ug/L
RT: 12.206 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion:146 Resp: 392

Ion	Ratio	Lower	Upper
146	100		
111	45.8	34.1	51.1
148	63.3	52.5	78.7



Instrument :
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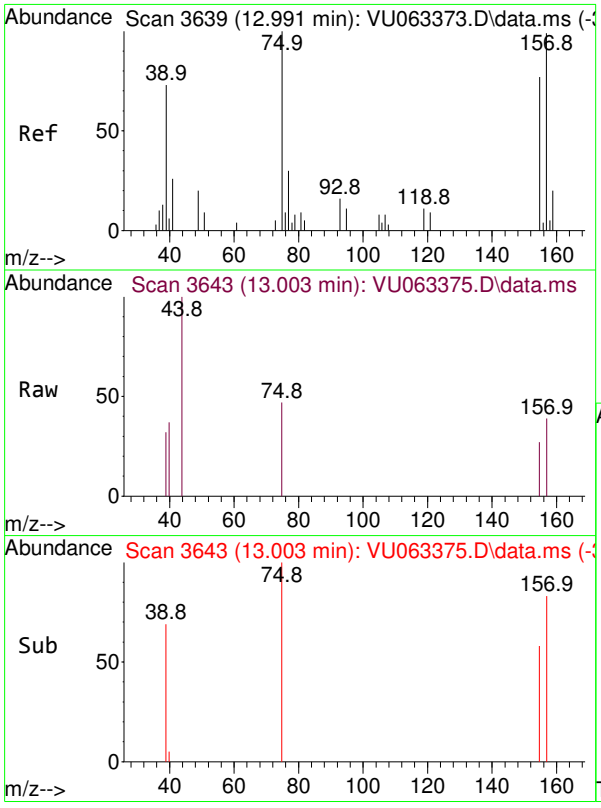
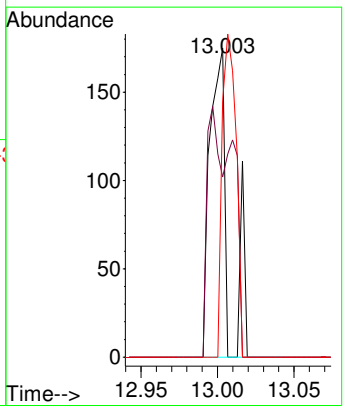
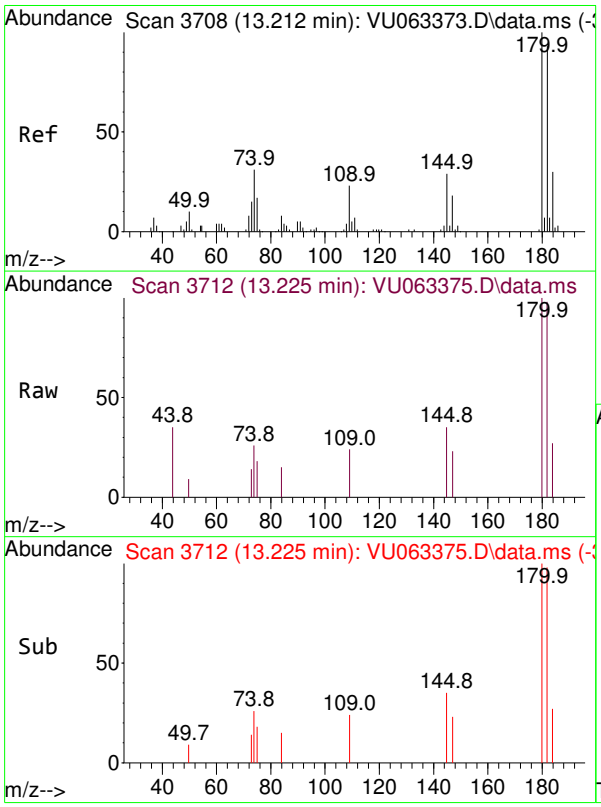


#68
1,2-Dibromo-3-chloropropane
Concen: 0.131 ug/L m
RT: 13.003 min Scan# 3643
Delta R.T. 0.013 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion: 75 Resp: 135

Ion	Ratio	Lower	Upper
75	100		
155	58.3	61.6	92.4#
157	82.9	77.4	116.0

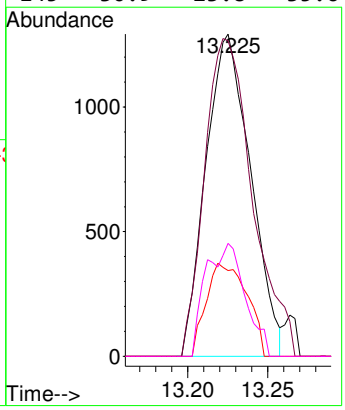




#69
1,3,5-Trichlorobenzene
Concen: 0.241 ug/L
RT: 13.225 min Scan# 3
Delta R.T. 0.013 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion:180 Resp: 251

Ion	Ratio	Lower	Upper
180	100		
182	105.4	76.7	115.1
184	26.3	23.8	35.8
145	30.9	23.8	35.6



Instrument :
MSVOA_U
ClientSampleId :
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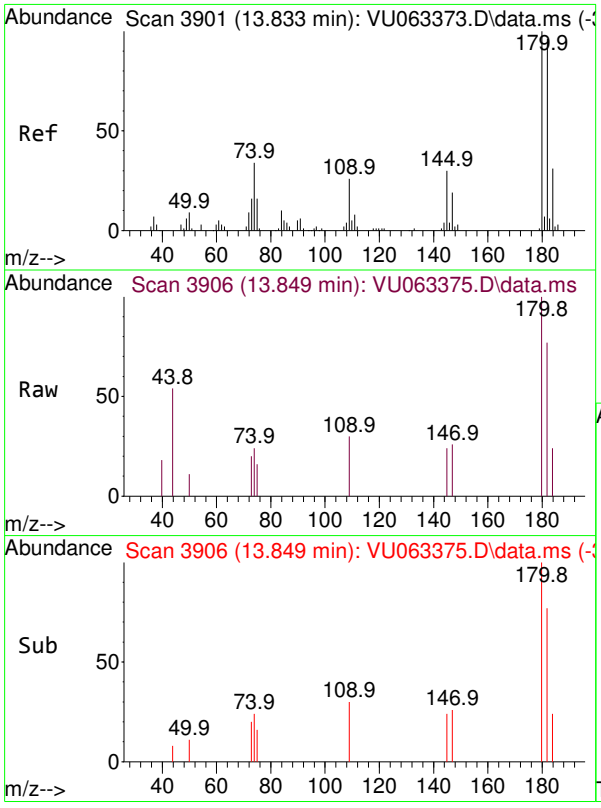
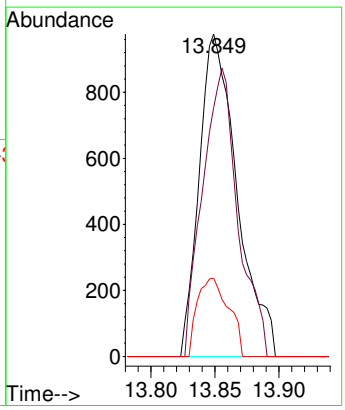
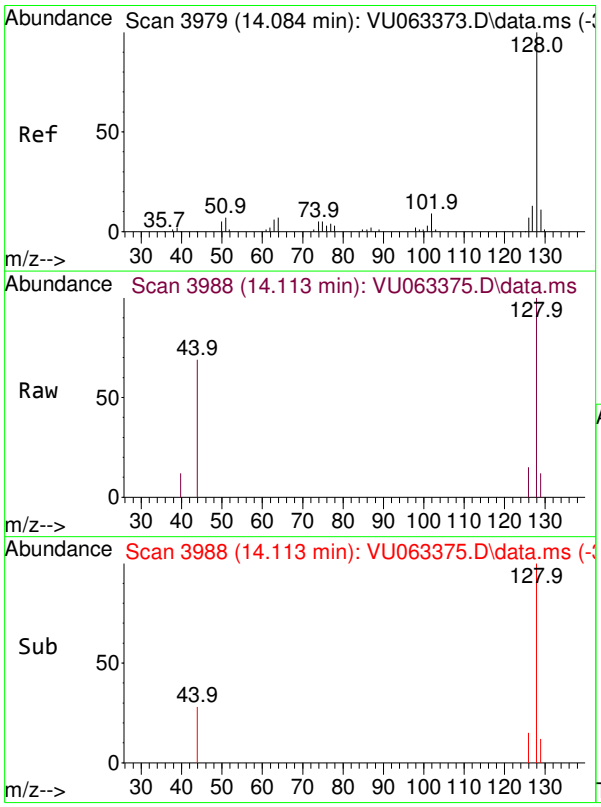


#70
1,2,4-trichlorobenzene
Concen: 0.244 ug/L
RT: 13.849 min Scan# 3906
Delta R.T. 0.013 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion:180 Resp: 2013

Ion	Ratio	Lower	Upper
180	100		
182	83.3	76.1	114.1
145	20.0	24.3	36.5#





#71
Naphthalene
Concen: 0.189 ug/L
RT: 14.113 min Scan# 3
Delta R.T. 0.029 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

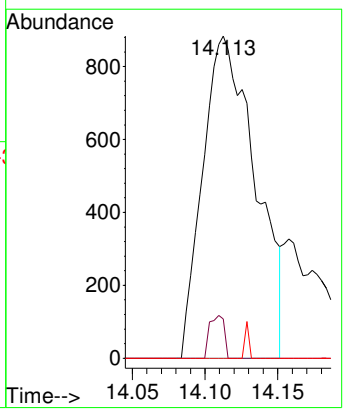
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2025-04

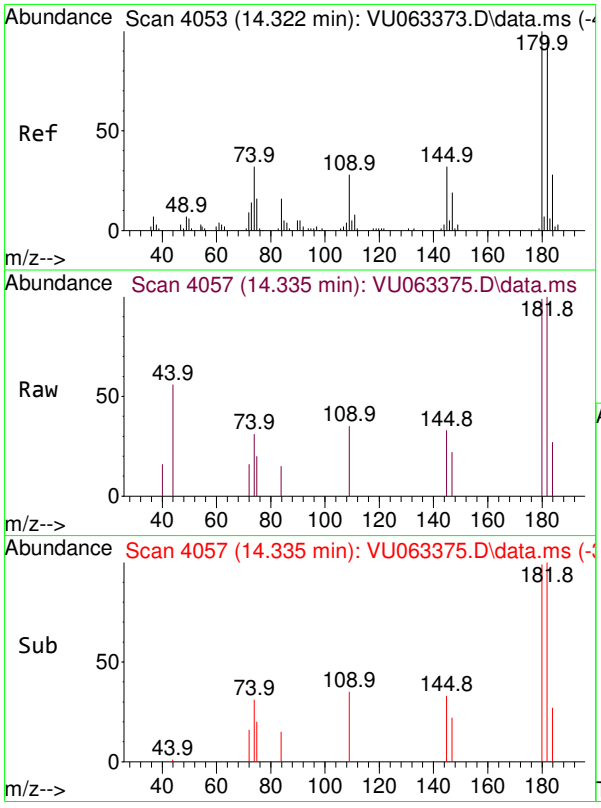
Tgt Ion:128 Resp: 222

Ion	Ratio	Lower	Upper
128	100		
129	3.7	8.0	12.0
127	0.9	10.6	15.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/11/2025





#72
1,2,3-Trichlorobenzene
Concen: 0.216 ug/L
RT: 14.335 min Scan# 4057
Delta R.T. 0.010 min
Lab File: VU063375.D
Acq: 10 Jun 2025 11:16

Tgt Ion:180 Resp: 1617

Ion	Ratio	Lower	Upper
180	100		
182	104.3	78.5	117.7
145	30.2	26.1	39.1