Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
Data File : VU063054.D
Acq On : 28 Jan 2025 07:46
Operator : MD/SY
Sample : Q1195-09MSD
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E2959MSD

Quant Time: Jan 29 08:22:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 29 08:16:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	138515	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.402	117	137722	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	71075	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.593	65	22022	4.423	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.400%			
7) Chloroethane-d5	1.904	69	16604	4.392	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.800%			
11) 1,1-Dichloroethene-d2	2.557	65	11760	3.949	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.000%			
20) 2-Butanone-d5	4.605	46	247874	171.519	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 343.040%#			
24) Chloroform-d	5.046	84	126932	6.417	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 128.400%#			
26) 1,2-Dichloroethane-d4	5.689	65	48174	4.267	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.400%			
32) Benzene-d6	5.715	84	130917	4.160	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.200%			
36) 1,2-Dichloropropane-d6	6.676	67	44276	5.525	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 110.600%			
41) Toluene-d8	7.885	98	267782	8.606	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 172.200%#			
43) trans-1,3-Dichloroprop...	8.171	79	42254	8.517	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 170.400%#			
46) 2-Hexanone-d5	8.621	63	186766	150.885	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 301.780%#			
56) 1,1,2,2-Tetrachloroeth...	10.743	84	34127	4.485	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.800%			
66) 1,2-Dichlorobenzene-d4	12.181	152	53610	4.214	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 84.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	100748	8.120	ug/L	100
3) Chloromethane	1.515	50	74371	12.461	ug/L	97
5) Vinyl chloride	1.599	62	32908	4.939	ug/L #	77
6) Bromomethane	1.847	94	9968	3.127	ug/L	99
8) Chloroethane	1.927	64	16957	5.040	ug/L	98
9) Trichlorofluoromethane	2.129	101	72883	4.326	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	36290	4.378	ug/L	93
12) 1,1-Dichloroethene	2.570	96	31576	4.388	ug/L	87
13) Acetone	2.612	43	44362	47.473	ug/L	96
14) Carbon disulfide	2.782	76	88543	4.803	ug/L	99
15) Methyl Acetate	2.940	43	8947	4.986	ug/L	99
16) Methylene chloride	3.033	84	36210	4.773	ug/L	95
17) Methyl tert-butyl Ether	3.348	73	178492	8.281	ug/L	96
18) trans-1,2-Dichloroethene	3.342	96	59324	7.704	ug/L	93
19) 1,1-Dichloroethane	3.853	63	180267	13.505	ug/L	96
21) 2-Butanone	4.686	43	241162	189.221	ug/L	90
22) cis-1,2-Dichloroethene	4.650	96	100432	10.913	ug/L	88
23) Bromochloromethane	4.956	128	28750	6.225	ug/L #	70
25) Chloroform	5.071	83	145631	7.552	ug/L	96

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
Data File : VU063054.D
Acq On : 28 Jan 2025 07:46
Operator : MD/SY
Sample : Q1195-09MSD
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E2959MSD

Quant Time: Jan 29 08:22:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 29 08:16:38 2025
Response via : Initial Calibration

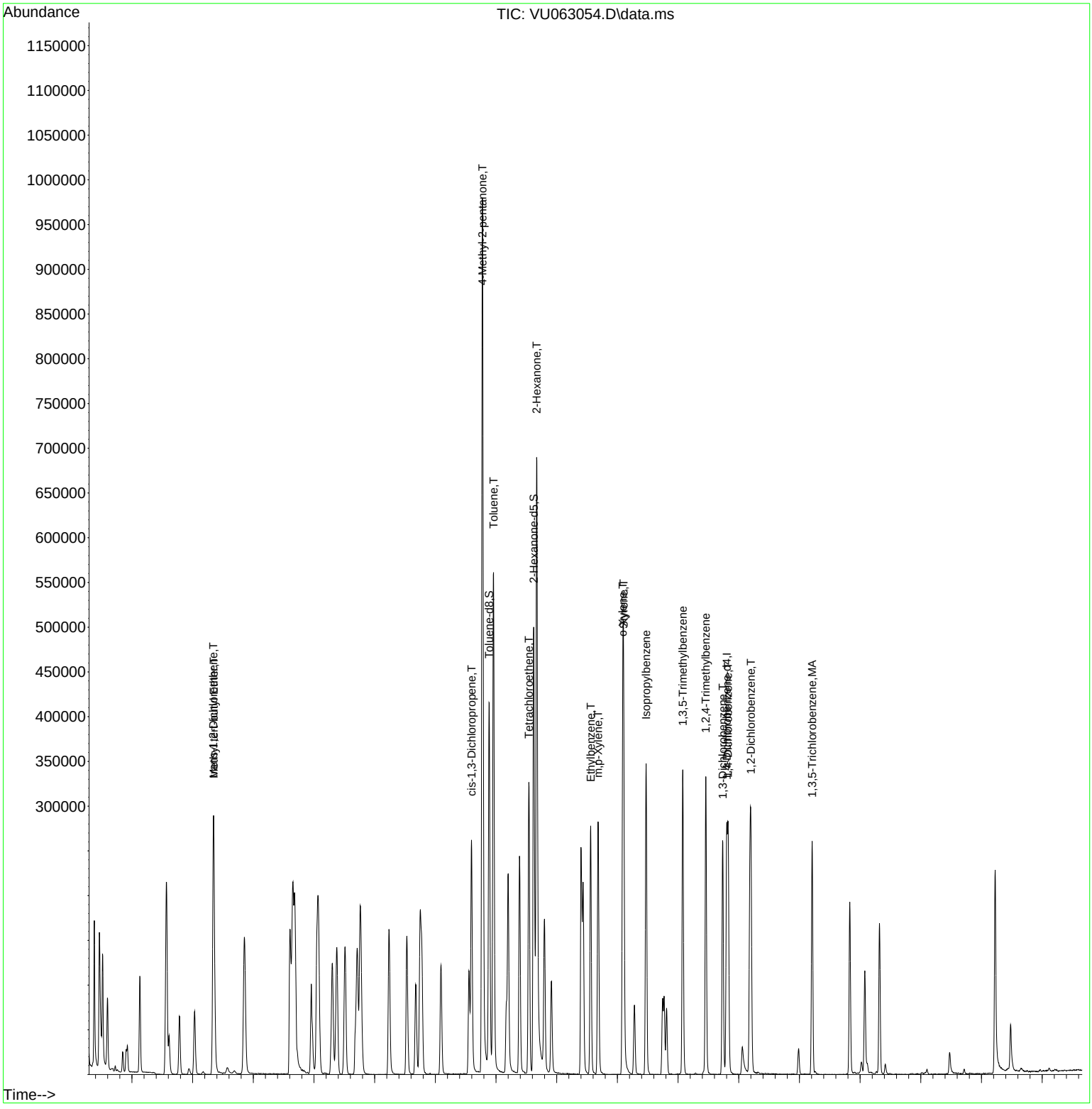
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.779	62	63119	4.669	ug/L		98
29) 1,1,1-Trichloroethane	5.303	97	96368	4.513	ug/L		99
30) Cyclohexane	5.377	56	71140	7.152	ug/L		99
31) Carbon tetrachloride	5.512	117	102622	4.991	ug/L		97
33) Benzene	5.760	78	162686	4.876	ug/L		100
34) Trichloroethene	6.531	95	54714	4.826	ug/L		98
35) Methylcyclohexane	6.750	83	74505	5.216	ug/L		99
37) 1,2-Dichloropropane	6.776	63	46686	6.221	ug/L		100
38) Bromodichloromethane	7.094	83	85906	5.713	ug/L		98
39) cis-1,3-Dichloropropene	7.595	75	158756	11.236	ug/L		100
40) 4-Methyl-2-pentanone	7.776	43	669712	184.994	ug/L	#	91
42) Toluene	7.959	91	407370	10.272	ug/L		98
44) trans-1,3-Dichloropropene	8.200	75	131762	10.124	ug/L		100
45) 1,1,2-Trichloroethane	8.386	97	75779	10.729	ug/L		96
47) Tetrachloroethene	8.541	164	67863	6.882	ug/L		97
48) 2-Hexanone	8.669	43	474562	188.992	ug/L	#	91
49) Dibromochloromethane	8.798	129	85650	7.771	ug/L		100
50) 1,2-Dibromoethane	8.914	107	70979	9.949	ug/L	#	100
51) Chlorobenzene	9.435	112	113286	4.119	ug/L		99
52) Ethylbenzene	9.560	91	197907	4.282	ug/L		100
53) m,p-Xylene	9.682	106	80022	4.483	ug/L		96
54) o-Xylene	10.087	106	93406	5.712	ug/L		97
55) Styrene	10.103	104	162174	5.866	ug/L		100
57) 1,1,2,2-Tetrachloroethane	10.772	83	36029	4.560	ug/L	#	90
59) Bromoform	10.280	173	36639	5.425	ug/L		97
60) Isopropylbenzene	10.473	105	226404	5.027	ug/L		99
61) 1,2,3-Trichloropropane	10.811	75	28610	5.002	ug/L		93
62) 1,3,5-Trimethylbenzene	11.078	105	192456	4.874	ug/L		98
63) 1,2,4-Trimethylbenzene	11.457	105	189175	5.066	ug/L		98
64) 1,3-Dichlorobenzene	11.737	146	107845	4.716	ug/L		99
65) 1,4-Dichlorobenzene	11.824	146	108056	4.711	ug/L		96
67) 1,2-Dichlorobenzene	12.200	146	97942	4.553	ug/L		99
68) 1,2-Dibromo-3-chloropr...	12.988	75	8033	5.311	ug/L		89
69) 1,3,5-Trichlorobenzene	13.209	180	81649	4.470	ug/L		99
70) 1,2,4-trichlorobenzene	13.830	180	61775	4.321	ug/L		99
71) Naphthalene	14.078	128	98908	5.392	ug/L		99
72) 1,2,3-Trichlorobenzene	14.319	180	54717	4.430	ug/L		94

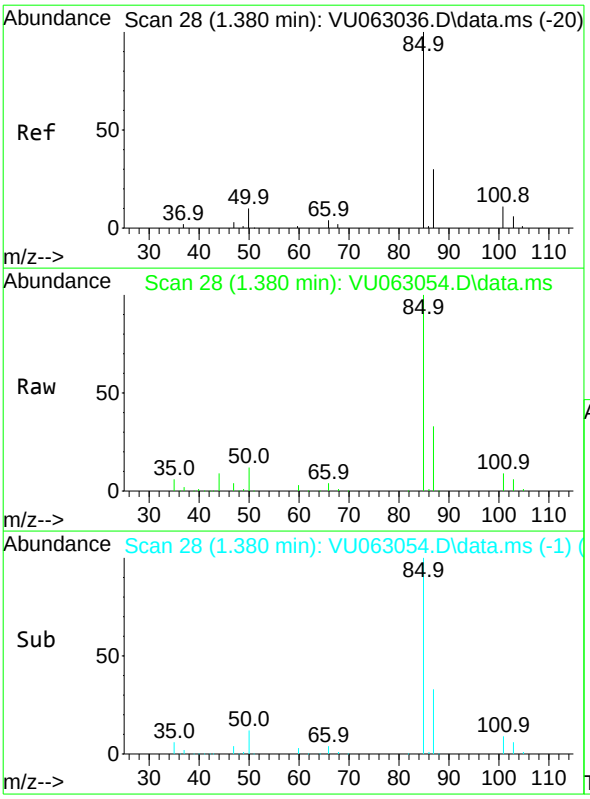
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
Data File : VU063054.D
Acq On : 28 Jan 2025 07:46
Operator : MD/SY
Sample : Q1195-09MSD
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E2959MSD

Quant Time: Jan 29 08:22:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 29 08:16:38 2025
Response via : Initial Calibration



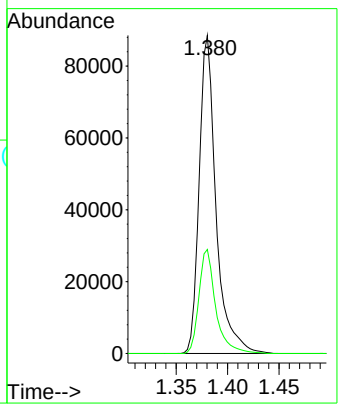


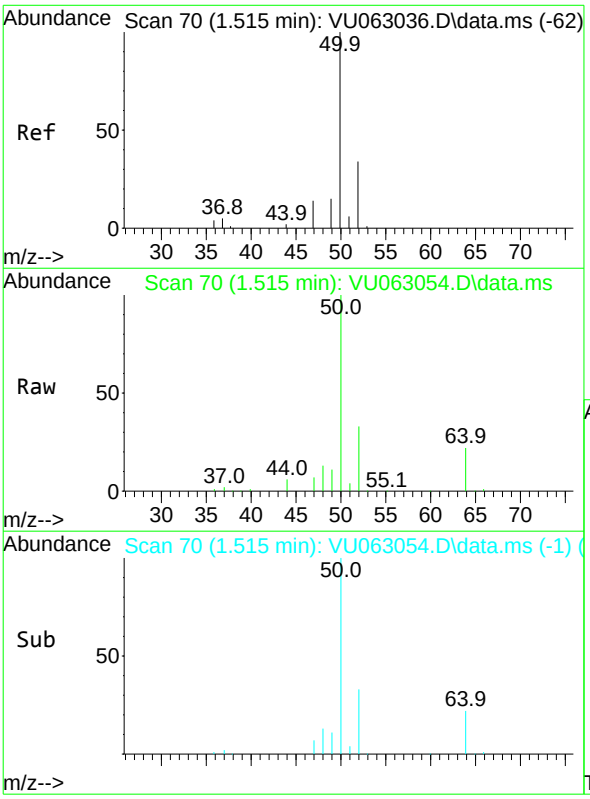
#2
Dichlorodifluoromethane
Concen: 8.120 ug/L
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Instrument :
MSVOA_U
ClientSampleId :
E2959MSD

Tgt Ion: 85 Resp: 100748

Ion	Ratio	Lower	Upper
85	100		
87	32.6	26.1	39.1

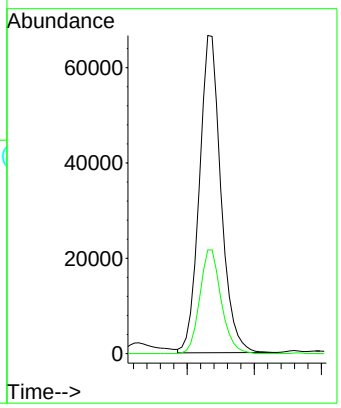


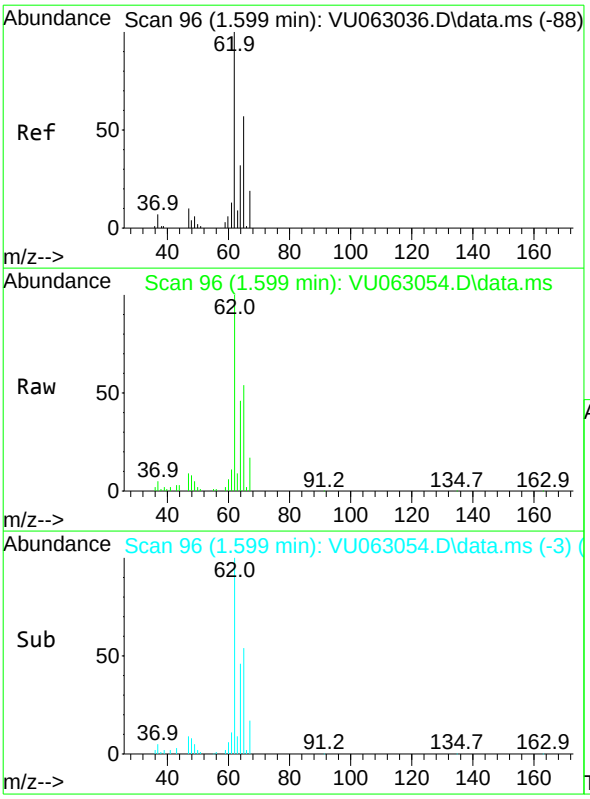


#3
Chloromethane
Concen: 12.461 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Tgt Ion: 50 Resp: 74371

Ion	Ratio	Lower	Upper
50	100		
52	32.6	24.1	44.7



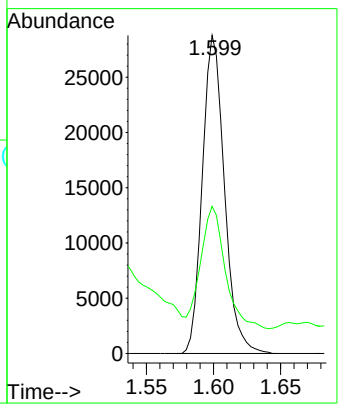


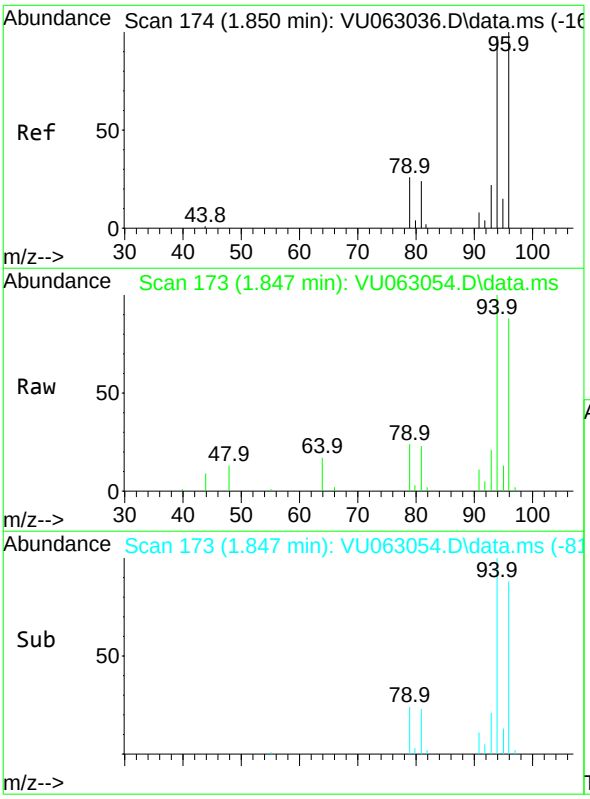
#5
Vinyl chloride
Concen: 4.939 ug/L
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Instrument :
MSVOA_U
ClientSampleId :
E2959MSD

Tgt Ion: 62 Resp: 32908

Ion	Ratio	Lower	Upper
62	100		
64	46.3	23.4	43.4#

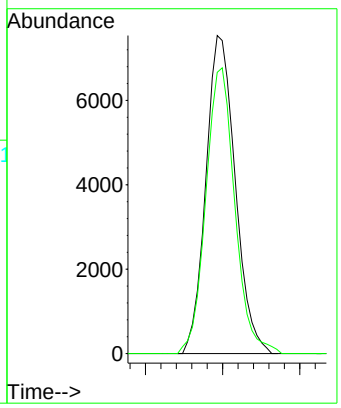


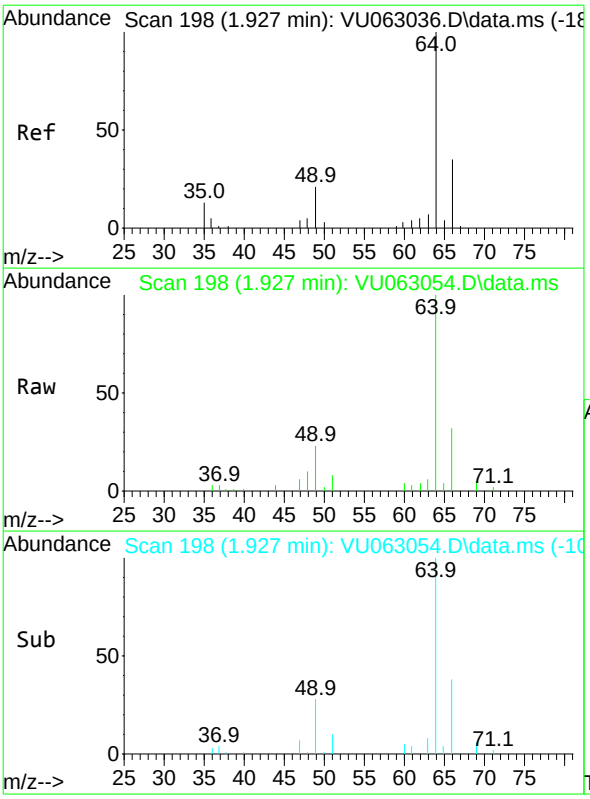


#6
Bromomethane
Concen: 3.127 ug/L
RT: 1.847 min Scan# 173
Delta R.T. -0.003 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Tgt Ion: 94 Resp: 9968

Ion	Ratio	Lower	Upper
94	100		
96	88.4	62.9	116.7



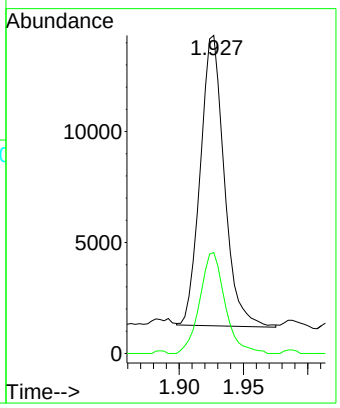


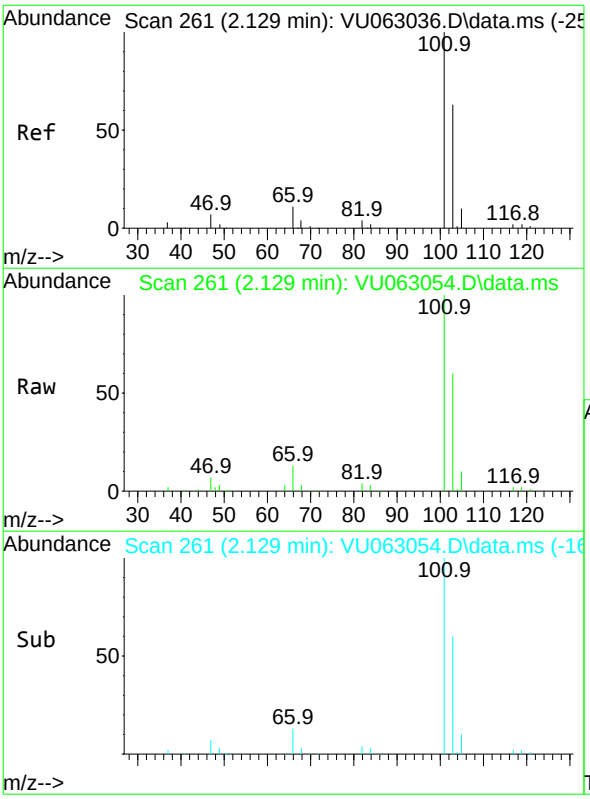
#8
Chloroethane
Concen: 5.040 ug/L
RT: 1.927 min Scan# 19
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Instrument :
MSVOA_U
ClientSampleId :
E2959MSD

Tgt Ion: 64 Resp: 16957

Ion	Ratio	Lower	Upper
64	100		
66	31.7	21.6	40.2

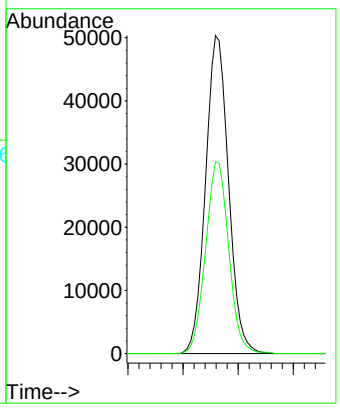


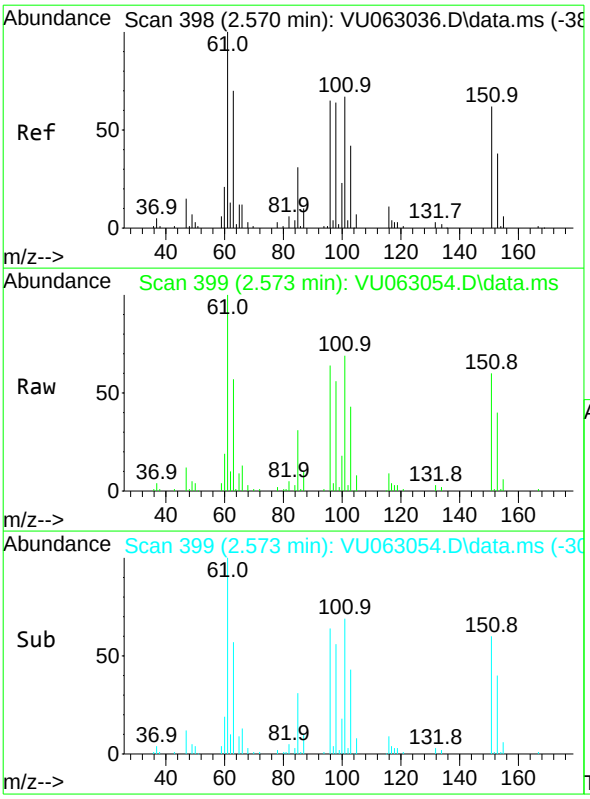


#9
Trichlorofluoromethane
Concen: 4.326 ug/L
RT: 2.129 min Scan# 261
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Tgt Ion:101 Resp: 72883

Ion	Ratio	Lower	Upper
101	100		
103	61.0	51.4	77.0



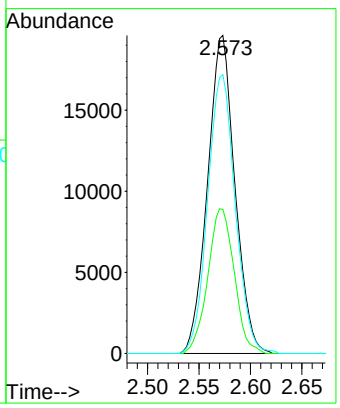


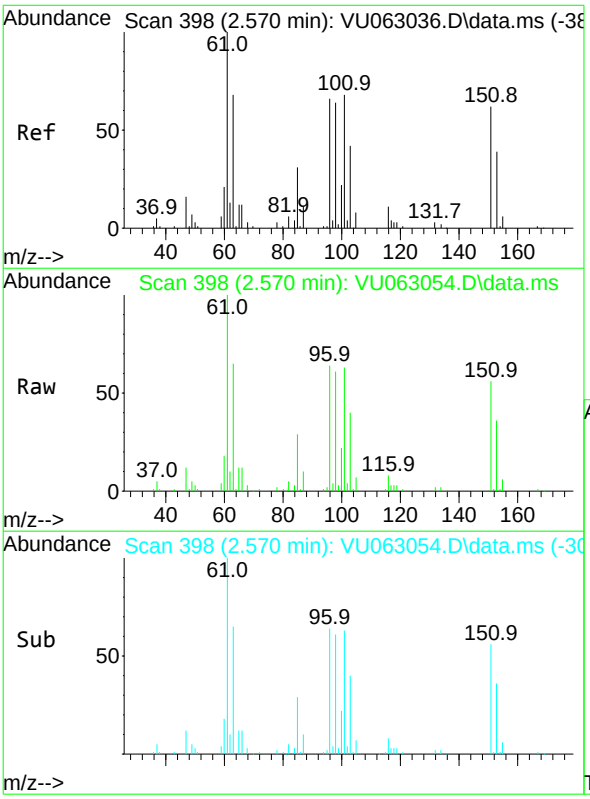
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.378 ug/L
RT: 2.573 min Scan# 39
Delta R.T. 0.003 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Instrument :
MSVOA_U
ClientSampleId :
E2959MSD

Tgt Ion:101 Resp: 36290

Ion	Ratio	Lower	Upper
101	100		
85	44.0	37.0	55.6
151	88.4	64.4	96.6

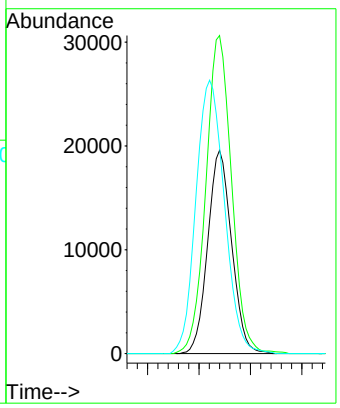


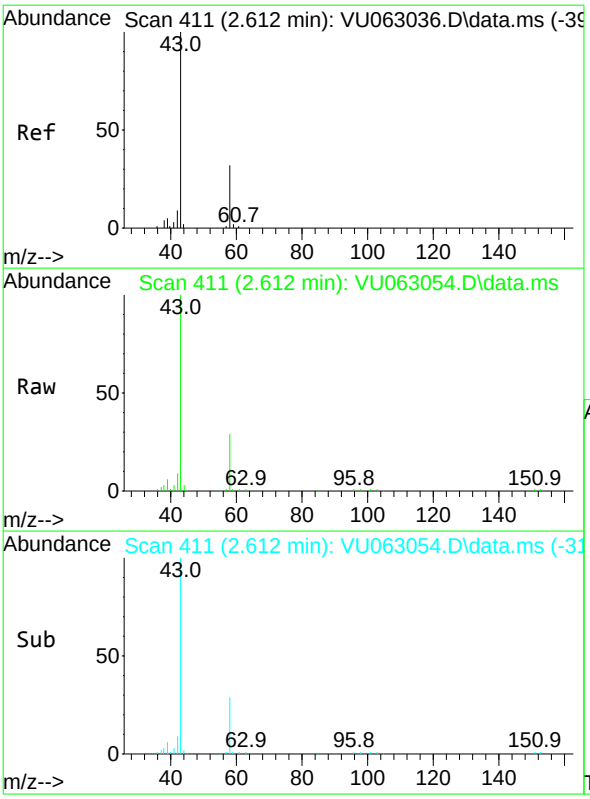


#12
1,1-Dichloroethene
Concen: 4.388 ug/L
RT: 2.570 min Scan# 398
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Tgt Ion: 96 Resp: 31576

Ion	Ratio	Lower	Upper
96	100		
61	156.5	120.4	223.6
63	101.8	82.3	152.9



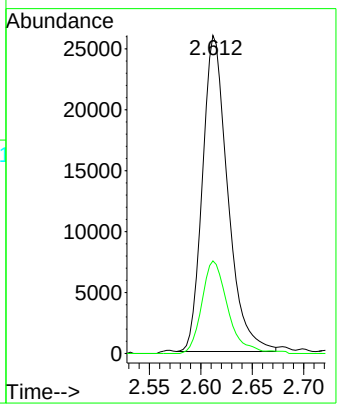


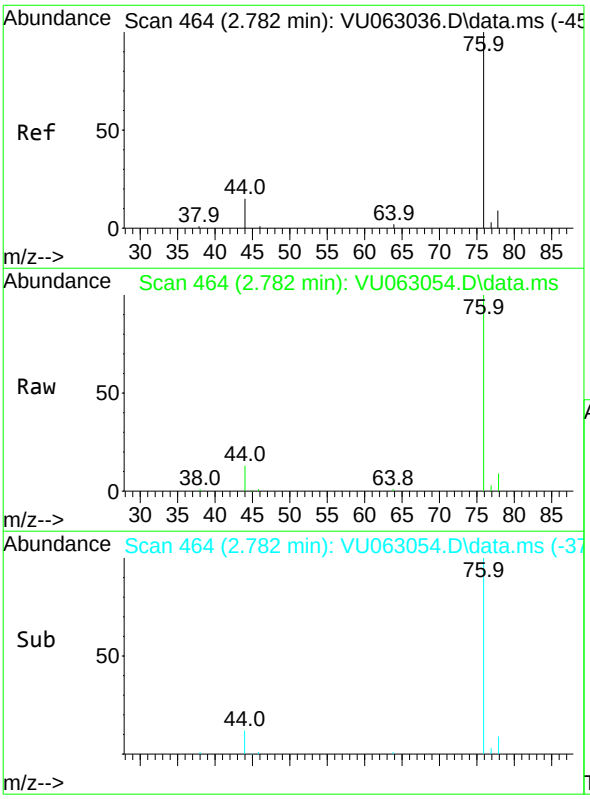
#13
Acetone
Concen: 47.473 ug/L
RT: 2.612 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Instrument :
MSVOA_U
ClientSampleId :
E2959MSD

Tgt Ion: 43 Resp: 44362

Ion	Ratio	Lower	Upper
43	100		
58	29.9	0.0	64.4

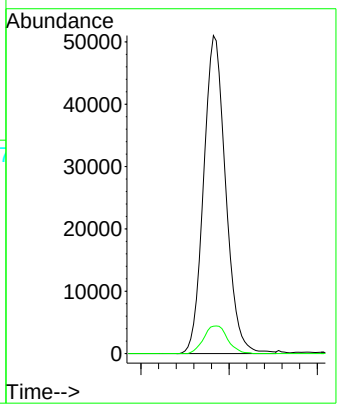


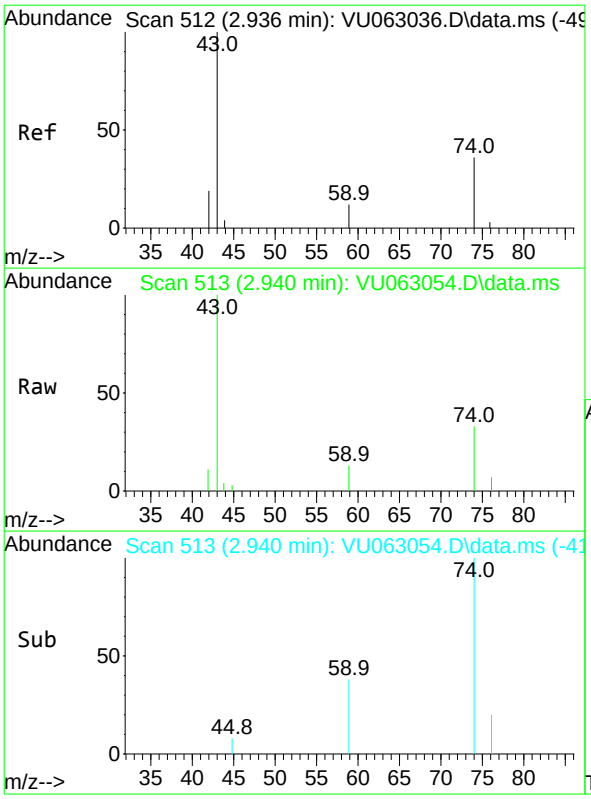


#14
Carbon disulfide
Concen: 4.803 ug/L
RT: 2.782 min Scan# 464
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Tgt Ion: 76 Resp: 88543

Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.0	10.6



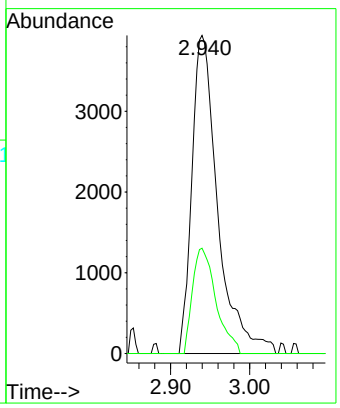


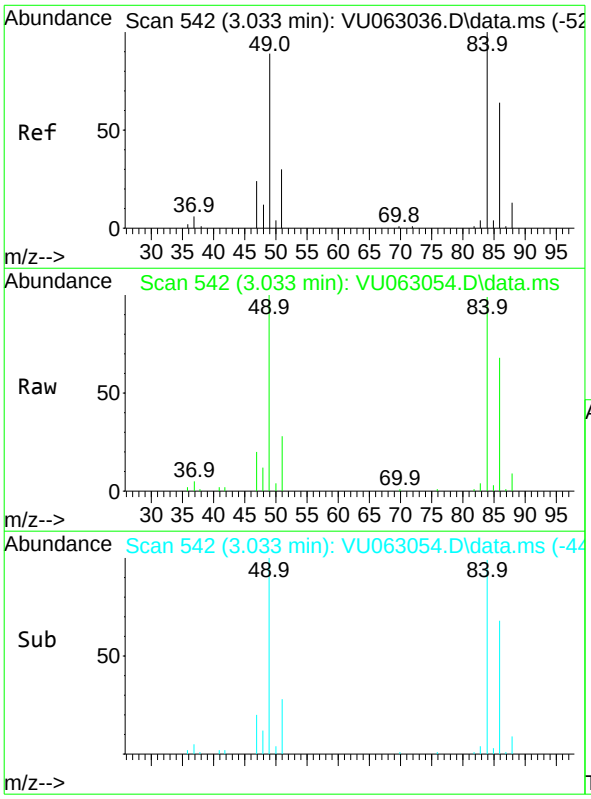
#15
Methyl Acetate
Concen: 4.986 ug/L
RT: 2.940 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Instrument :
MSVOA_U
ClientSampleId :
E2959MSD

Tgt Ion: 43 Resp: 8947

Ion	Ratio	Lower	Upper
43	100		
74	30.0	24.4	36.6

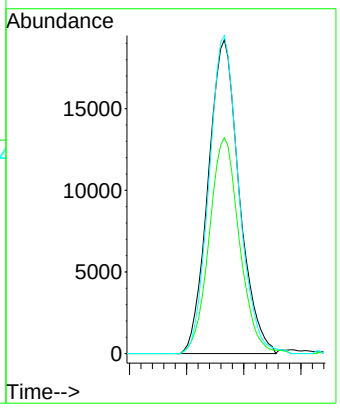


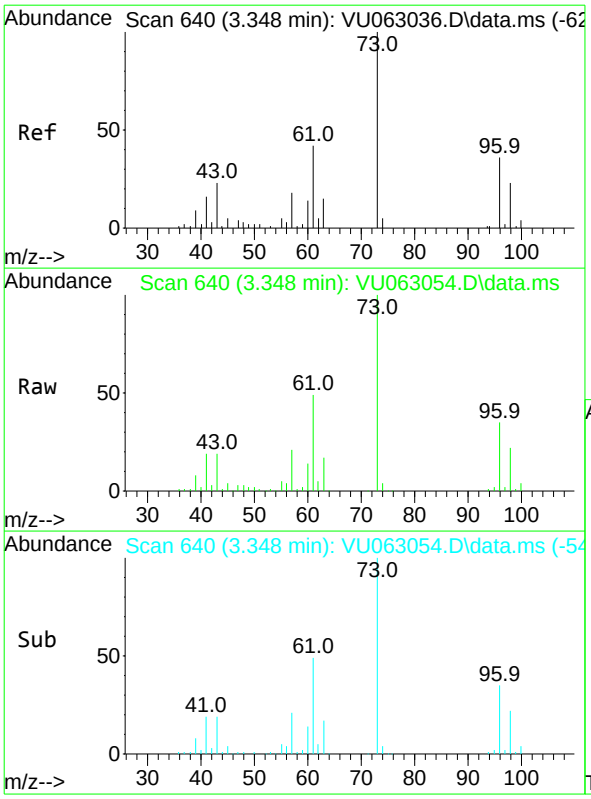


#16
Methylene chloride
Concen: 4.773 ug/L
RT: 3.033 min Scan# 542
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Tgt Ion: 84 Resp: 36210

Ion	Ratio	Lower	Upper
84	100		
86	68.8	44.7	83.1
49	101.4	68.3	126.9



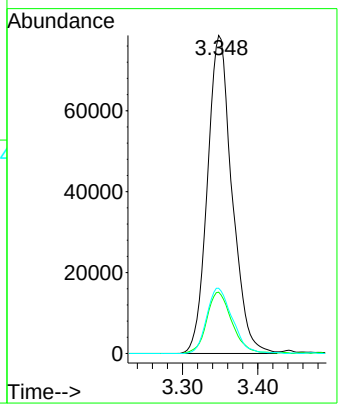


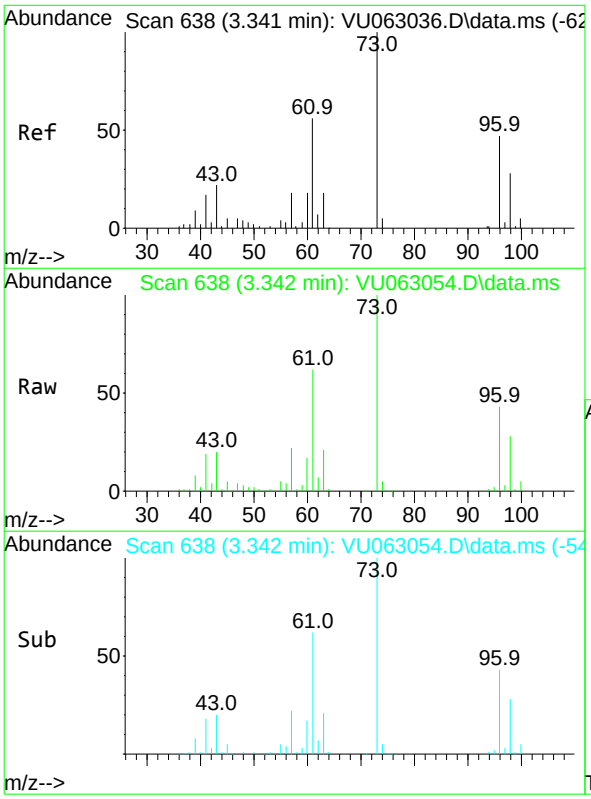
#17
Methyl tert-butyl Ether
Concen: 8.281 ug/L
RT: 3.348 min Scan# 64
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Instrument :
MSVOA_U
ClientSampleId :
E2959MSD

Tgt Ion: 73 Resp: 178492

Ion	Ratio	Lower	Upper
73	100		
43	19.8	16.2	24.4
57	21.3	14.6	22.0

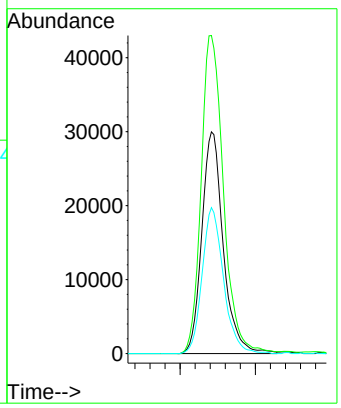


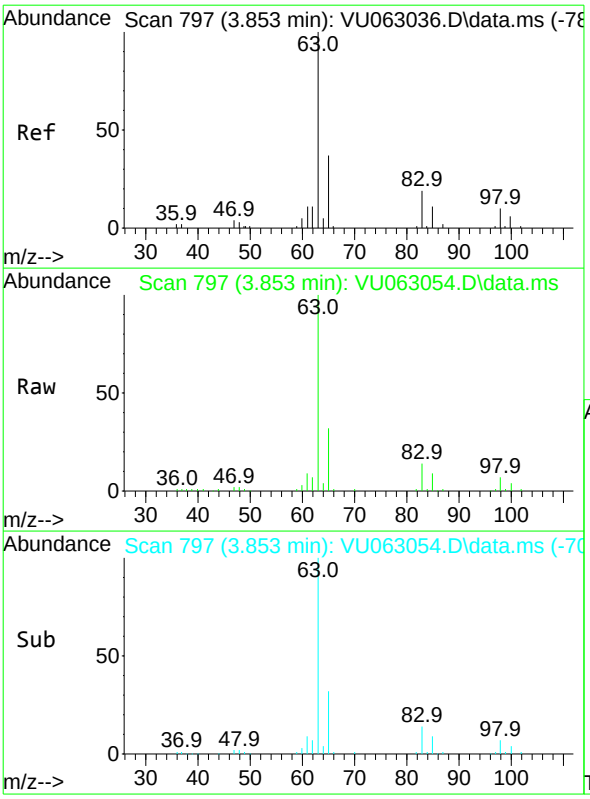


#18
trans-1,2-Dichloroethene
Concen: 7.704 ug/L
RT: 3.342 min Scan# 638
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Tgt Ion: 96 Resp: 59324

Ion	Ratio	Lower	Upper
96	100		
61	143.4	94.4	175.2
98	65.8	42.8	79.4



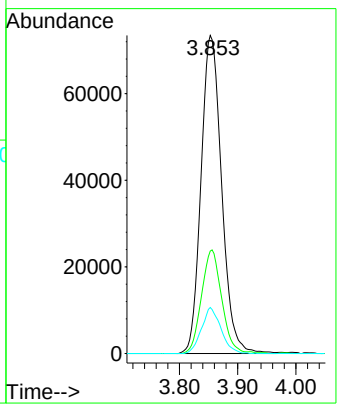


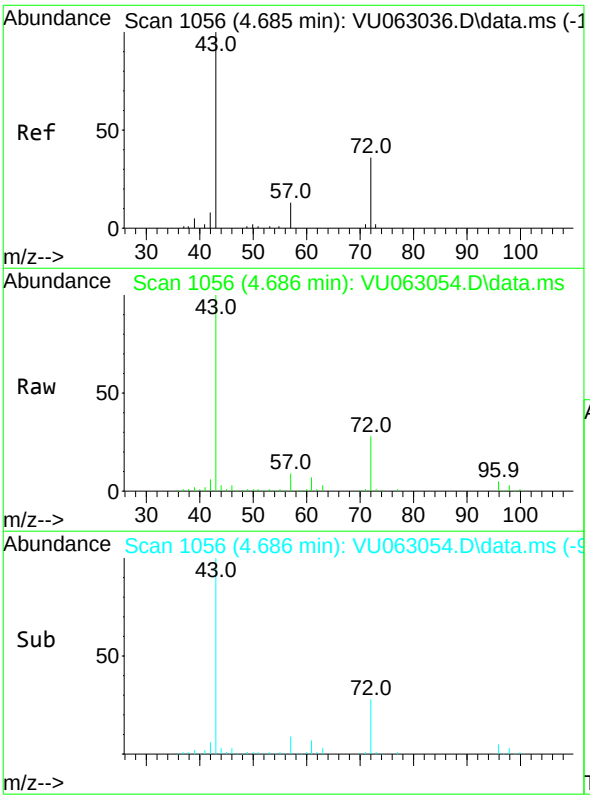
#19
1,1-Dichloroethane
Concen: 13.505 ug/L
RT: 3.853 min Scan# 79
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Instrument :
MSVOA_U
ClientSampleId :
E2959MSD

Tgt Ion: 63 Resp: 180267

Ion	Ratio	Lower	Upper
63	100		
65	32.2	20.7	38.5
83	14.5	10.5	19.5

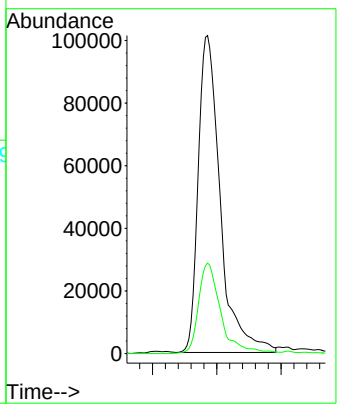


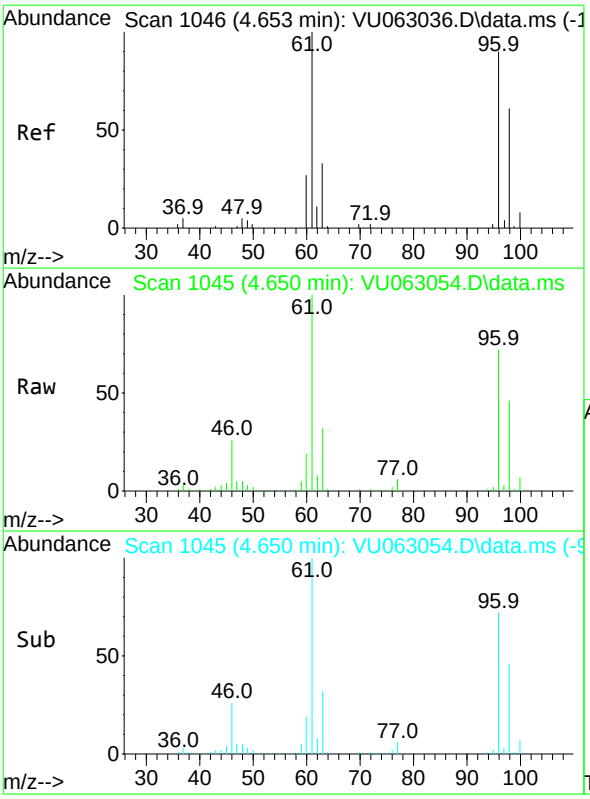


#21
2-Butanone
Concen: 189.221 ug/L
RT: 4.686 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Tgt Ion: 43 Resp: 241162

Ion	Ratio	Lower	Upper
43	100		
72	28.5	17.1	51.2



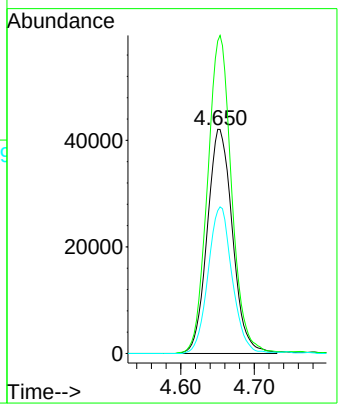


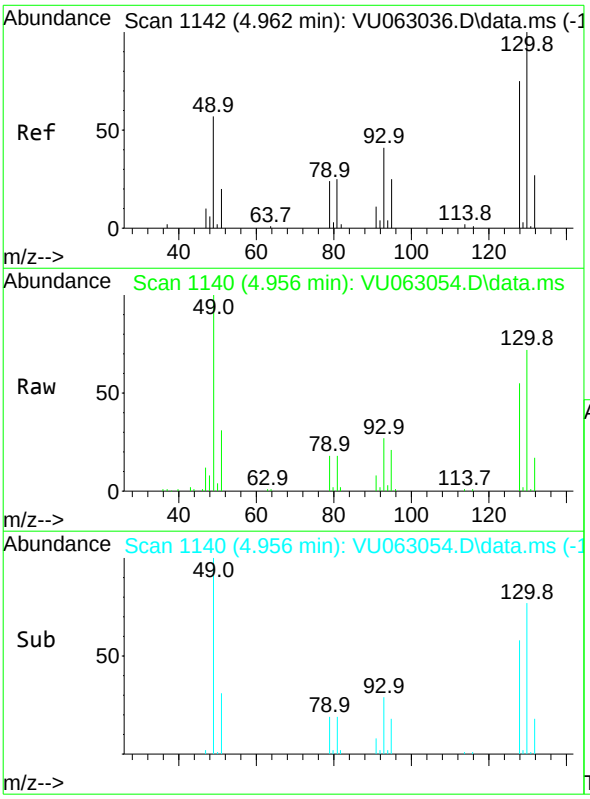
#22
cis-1,2-Dichloroethene
Concen: 10.913 ug/L
RT: 4.650 min Scan# 10
Delta R.T. -0.003 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Instrument :
MSVOA_U
ClientSampleId :
E2959MSD

Tgt Ion: 96 Resp: 100432

Ion	Ratio	Lower	Upper
96	100		
61	139.4	84.8	157.6
98	63.7	43.1	80.1

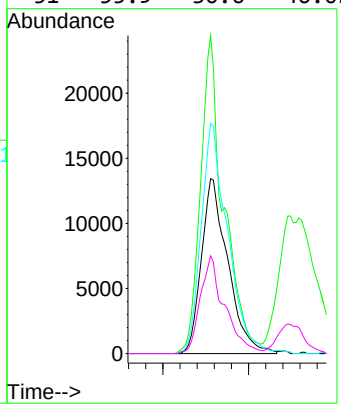


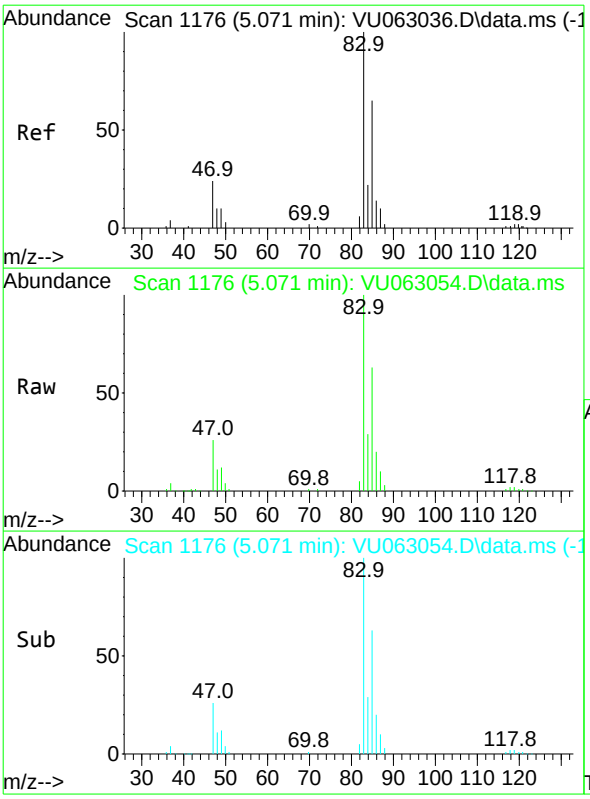


#23
Bromochloromethane
Concen: 6.225 ug/L
RT: 4.956 min Scan# 1140
Delta R.T. -0.006 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Tgt Ion:128 Resp: 28750

Ion	Ratio	Lower	Upper
128	100		
49	181.8	81.1	150.7#
130	131.6	94.9	176.3
51	55.9	30.6	46.0#



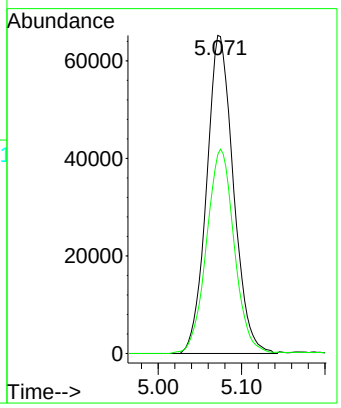


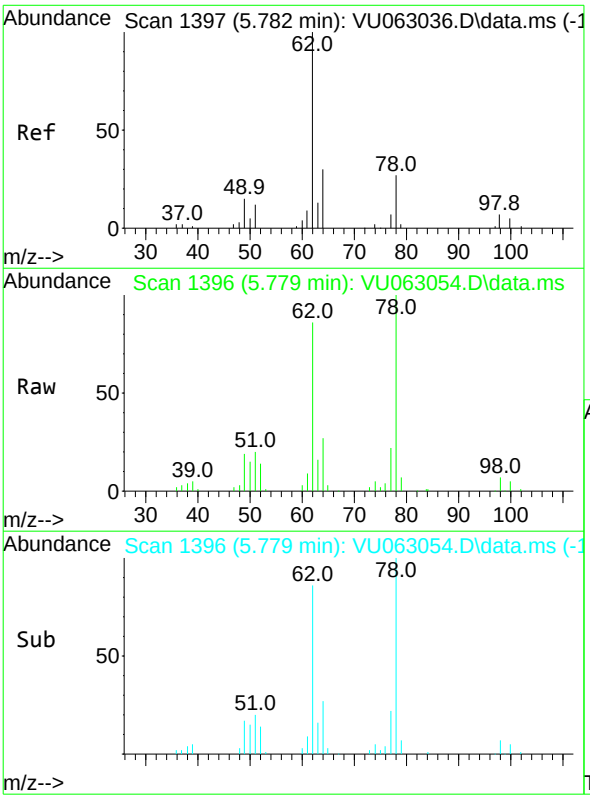
#25
Chloroform
Concen: 7.552 ug/L
RT: 5.071 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Instrument :
MSVOA_U
ClientSampleId :
E2959MSD

Tgt Ion: 83 Resp: 145631

Ion	Ratio	Lower	Upper
83	100		
85	62.5	45.8	85.2

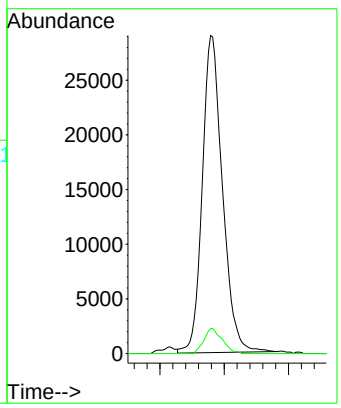


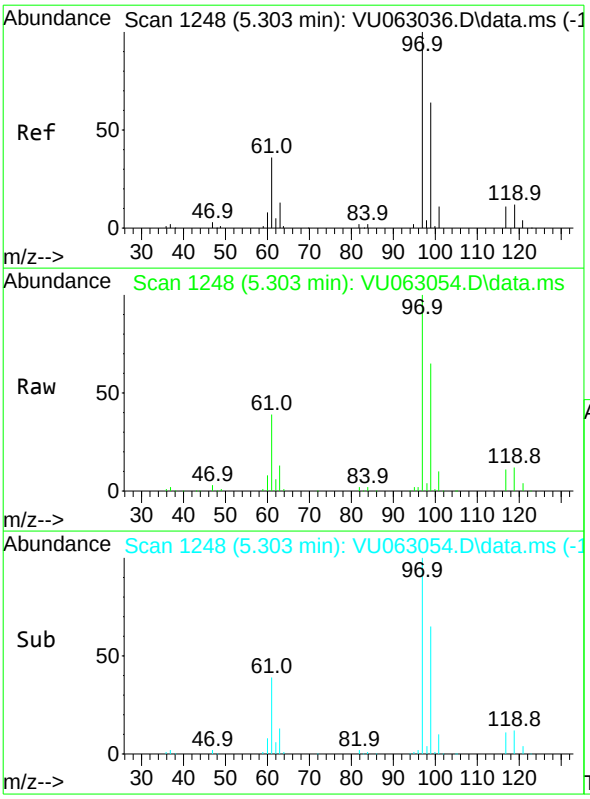


#27
1,2-Dichloroethane
Concen: 4.669 ug/L
RT: 5.779 min Scan# 1396
Delta R.T. -0.003 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Tgt Ion: 62 Resp: 63119

Ion	Ratio	Lower	Upper
62	100		
98	7.8	5.8	8.6



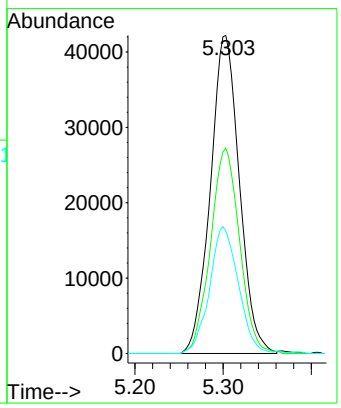


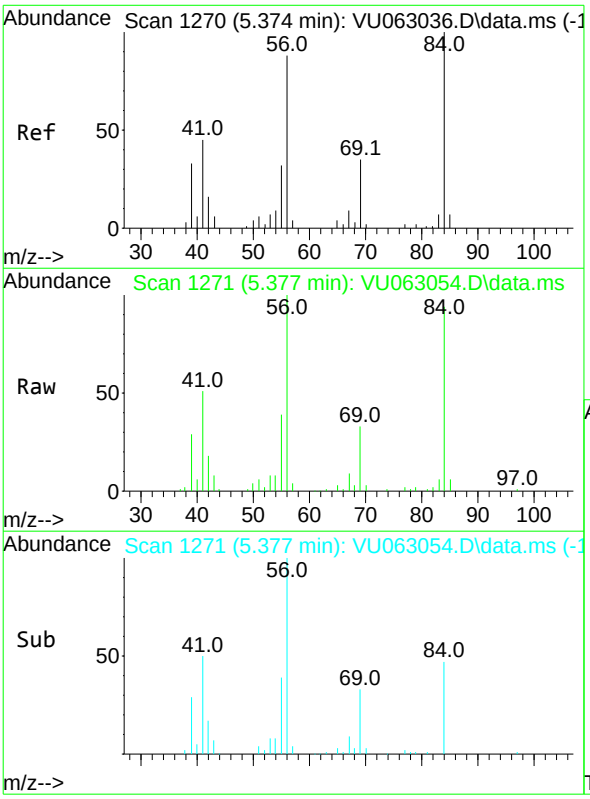
#29
1,1,1-Trichloroethane
Concen: 4.513 ug/L
RT: 5.303 min Scan# 12
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Instrument :
MSVOA_U
ClientSampleId :
E2959MSD

Tgt Ion: 97 Resp: 96368

Ion	Ratio	Lower	Upper
97	100		
99	64.6	52.4	78.6
61	39.6	32.2	48.4

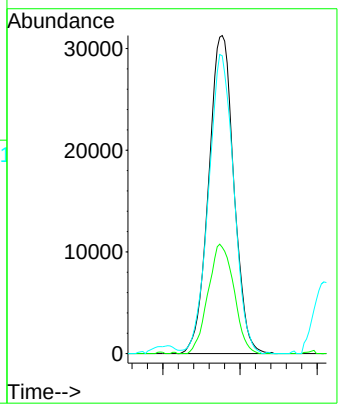


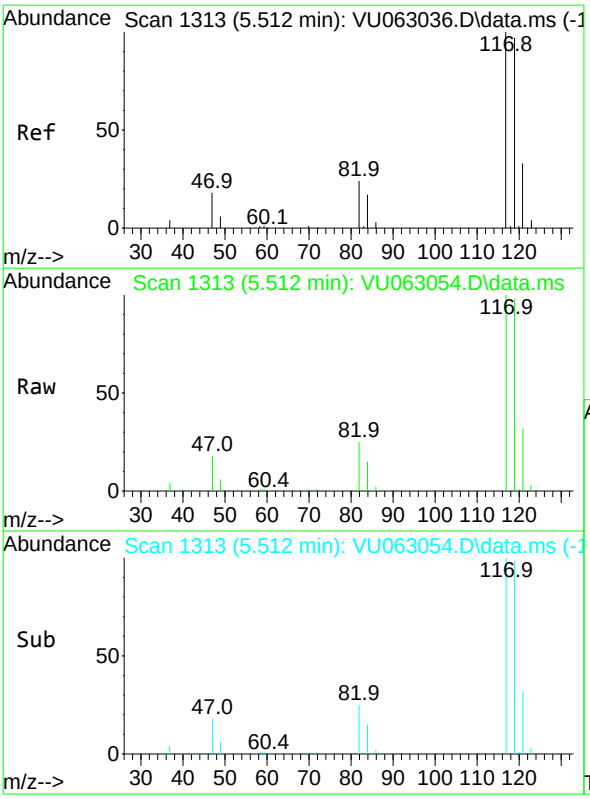


#30
Cyclohexane
Concen: 7.152 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. 0.003 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Tgt Ion: 56 Resp: 71140

Ion	Ratio	Lower	Upper
56	100		
69	35.1	28.3	42.5
84	93.9	76.5	114.7



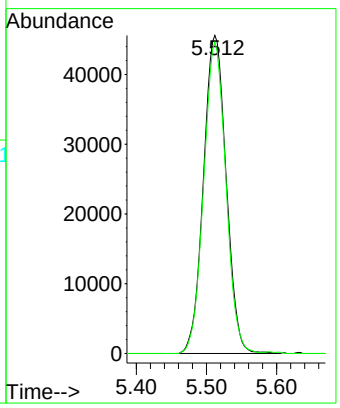


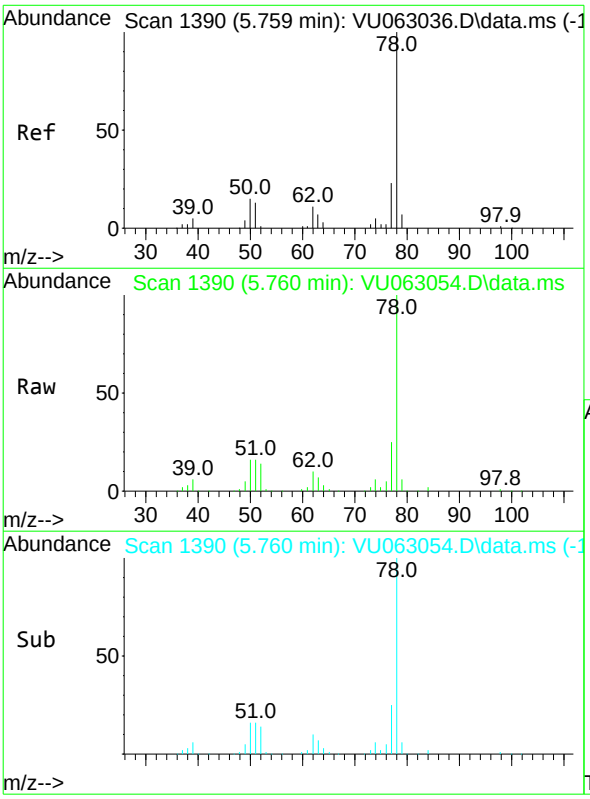
#31
Carbon tetrachloride
Concen: 4.991 ug/L
RT: 5.512 min Scan# 13
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Instrument :
MSVOA_U
ClientSampleId :
E2959MSD

Tgt Ion:117 Resp: 102622

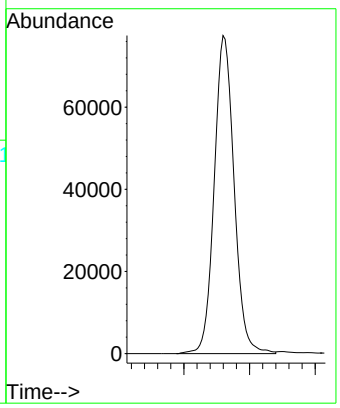
Ion	Ratio	Lower	Upper
117	100		
119	95.3	78.6	118.0

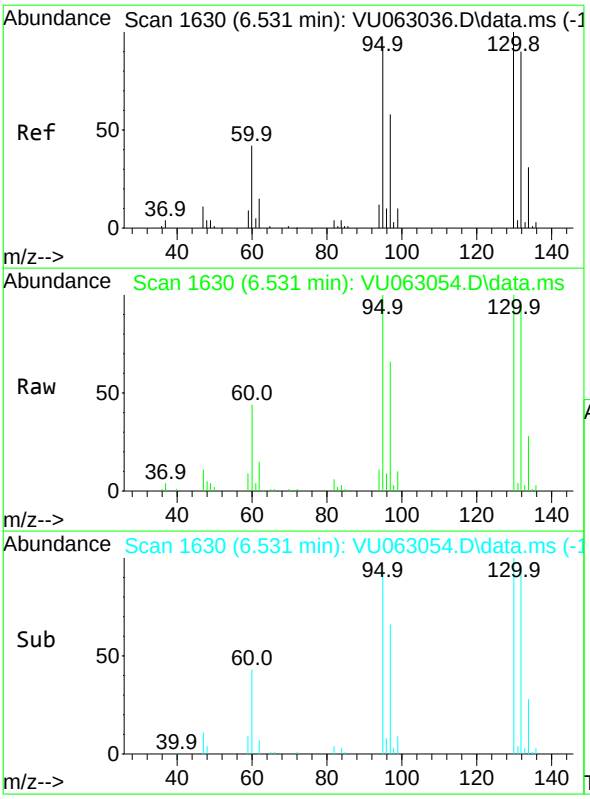




#33
Benzene
Concen: 4.876 ug/L
RT: 5.760 min Scan# 1390
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Tgt Ion: 78 Resp: 162686



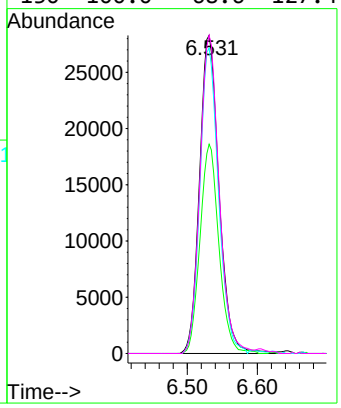


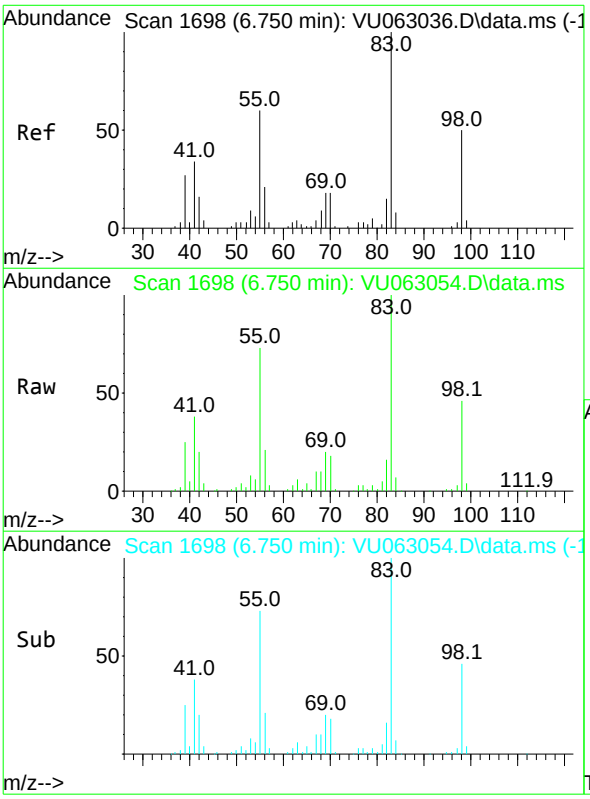
#34
Trichloroethene
Concen: 4.826 ug/L
RT: 6.531 min Scan# 16
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Instrument :
MSVOA_U
ClientSampleId :
E2959MSD

Tgt Ion: 95 Resp: 54714

Ion	Ratio	Lower	Upper
95	100		
97	65.8	47.5	88.3
132	96.0	66.9	124.3
130	100.0	68.6	127.4

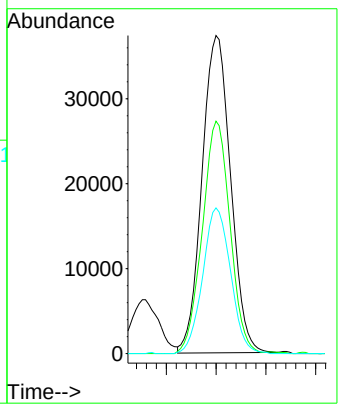


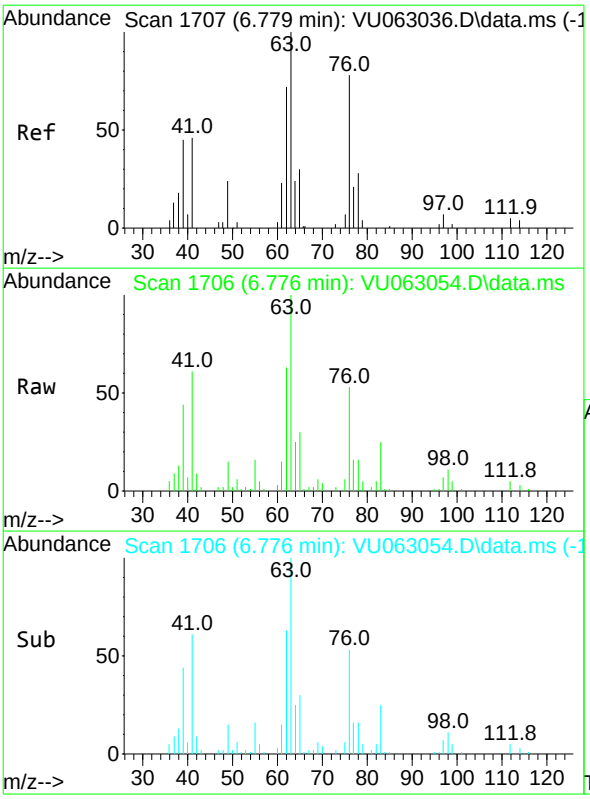


#35
Methylcyclohexane
Concen: 5.216 ug/L
RT: 6.750 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Tgt Ion: 83 Resp: 74505

Ion	Ratio	Lower	Upper
83	100		
55	70.9	57.2	85.8
98	44.7	36.6	55.0



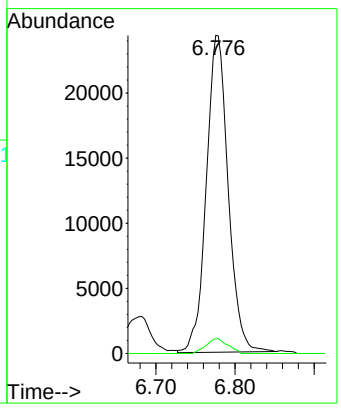


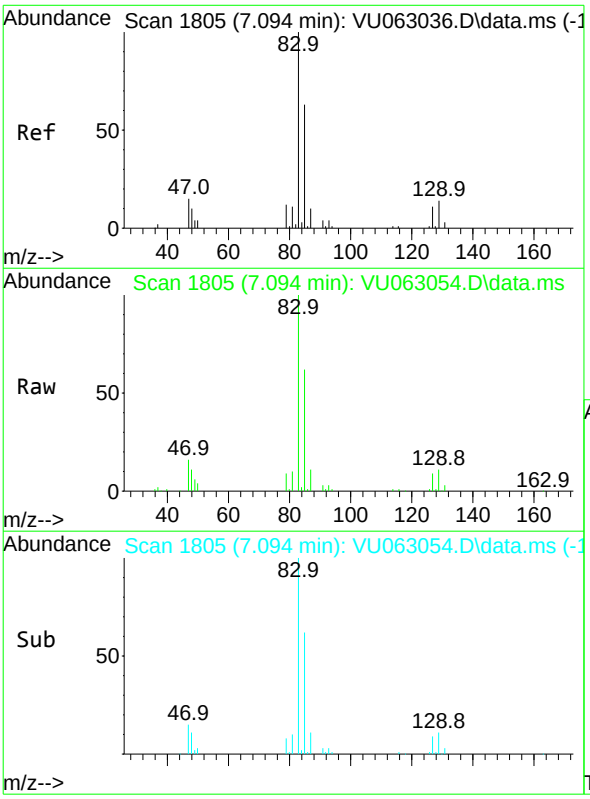
#37
1,2-Dichloropropane
Concen: 6.221 ug/L
RT: 6.776 min Scan# 17
Delta R.T. -0.003 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Instrument :
MSVOA_U
ClientSampleId :
E2959MSD

Tgt Ion: 63 Resp: 46686

Ion	Ratio	Lower	Upper
63	100		
112	4.7	3.8	5.8

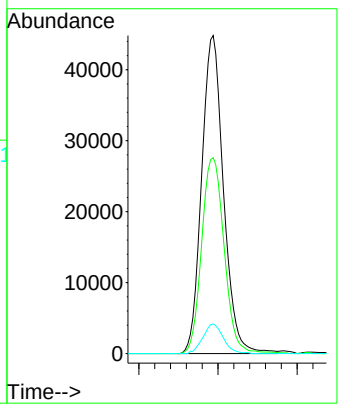


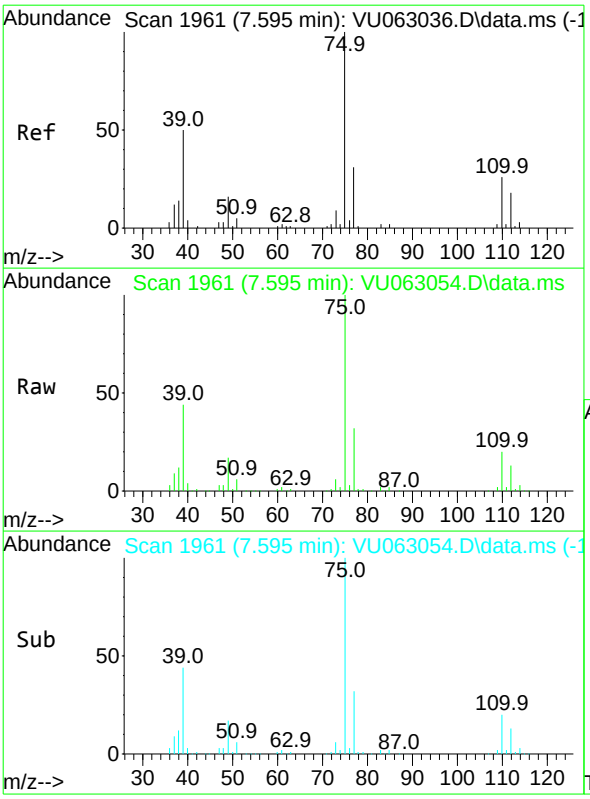


#38
Bromodichloromethane
Concen: 5.713 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Tgt Ion: 83 Resp: 85906

Ion	Ratio	Lower	Upper
83	100		
85	61.6	44.2	82.0
127	9.3	7.8	11.8



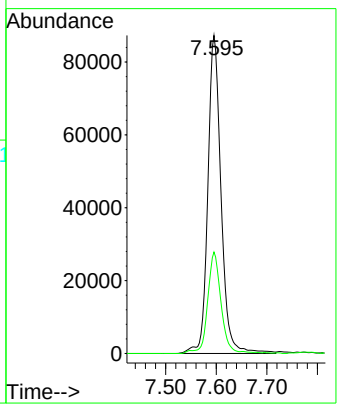


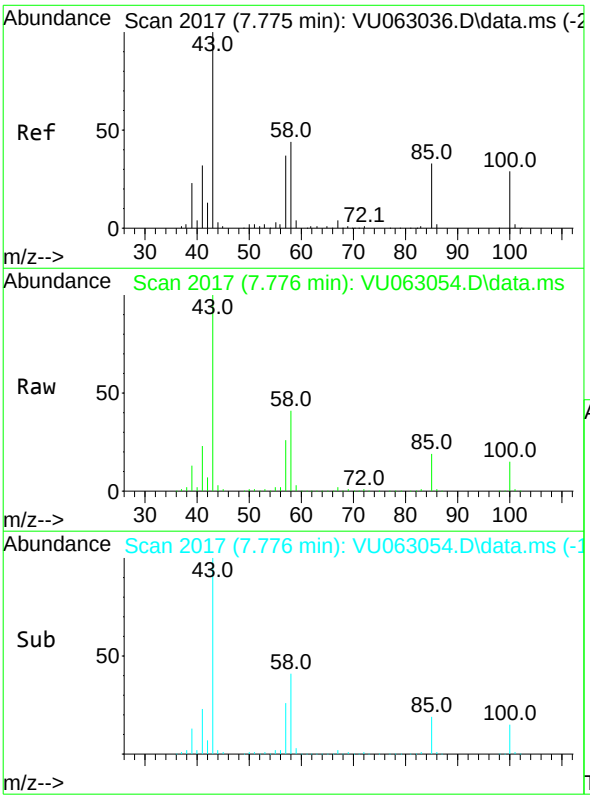
#39
cis-1,3-Dichloropropene
Concen: 11.236 ug/L
RT: 7.595 min Scan# 19
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Instrument :
MSVOA_U
ClientSampleId :
E2959MSD

Tgt Ion: 75 Resp: 158756

Ion	Ratio	Lower	Upper
75	100		
77	31.9	22.3	41.3

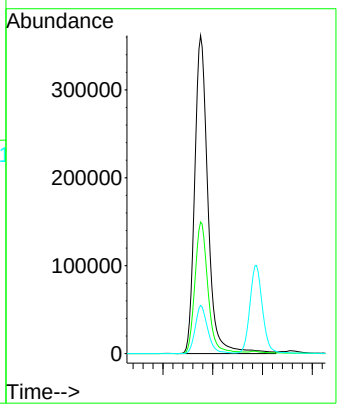


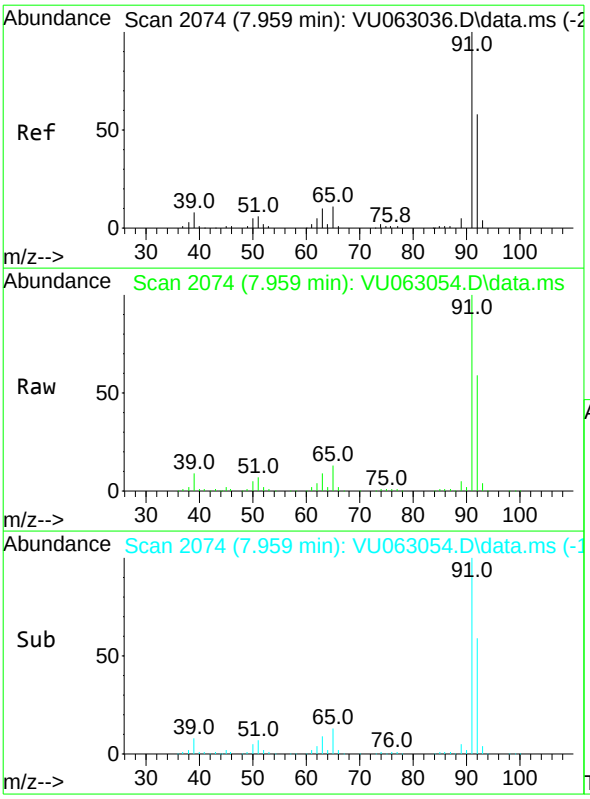


#40
4-Methyl-2-pentanone
Concen: 184.994 ug/L
RT: 7.776 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Tgt Ion: 43 Resp: 669712

Ion	Ratio	Lower	Upper
43	100		
58	40.8	35.8	53.8
100	14.3	16.8	25.2#



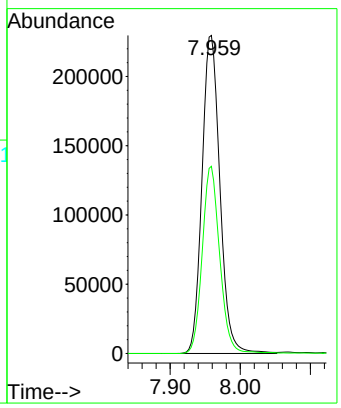


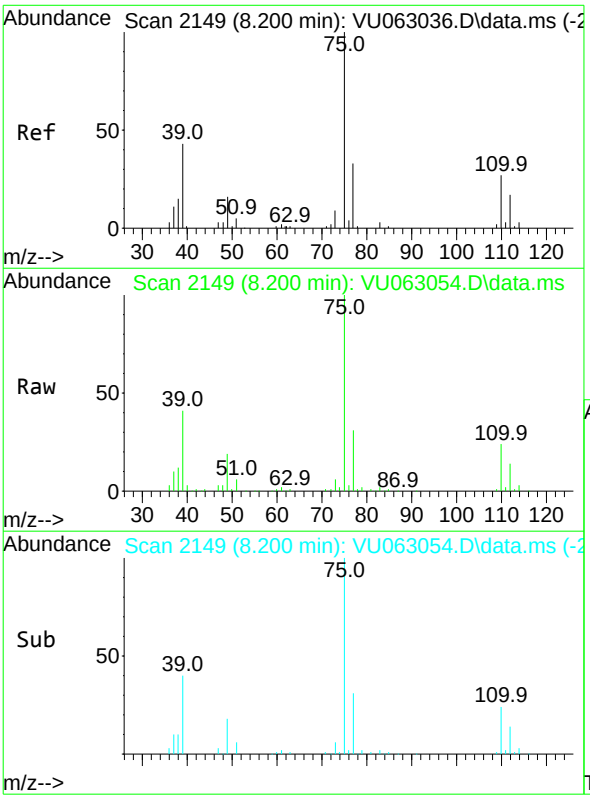
#42
Toluene
Concen: 10.272 ug/L
RT: 7.959 min Scan# 20
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Instrument :
MSVOA_U
ClientSampleId :
E2959MSD

Tgt Ion: 91 Resp: 407370

Ion	Ratio	Lower	Upper
91	100		
92	58.9	40.4	75.0

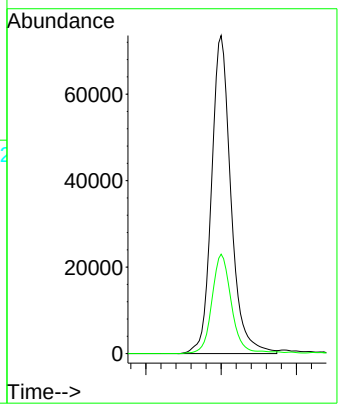


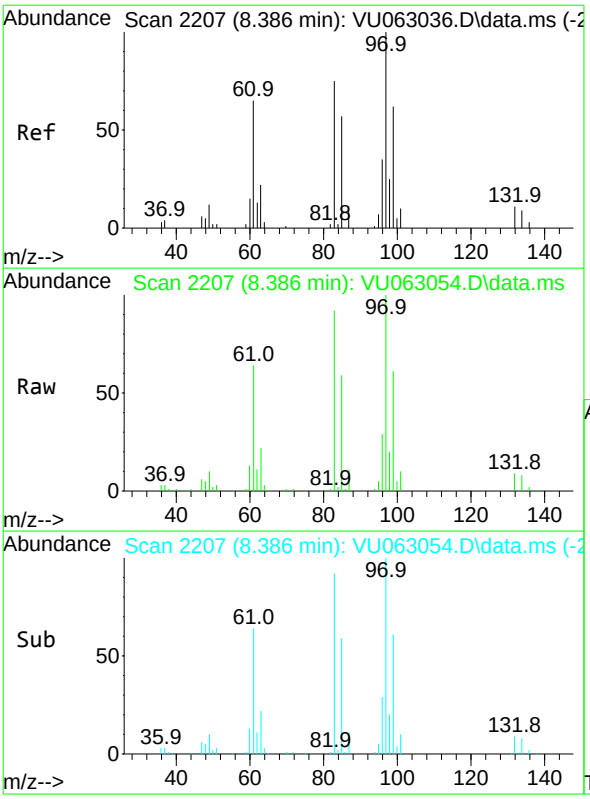


#44
trans-1,3-Dichloropropene
Concen: 10.124 ug/L
RT: 8.200 min Scan# 2149
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Tgt Ion: 75 Resp: 131762

Ion	Ratio	Lower	Upper
75	100		
77	31.3	21.8	40.6



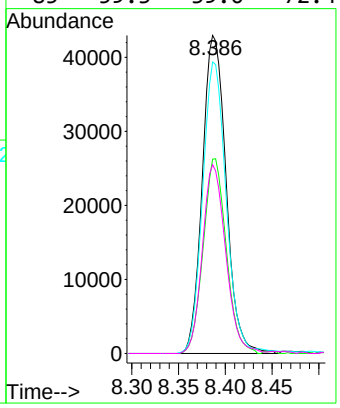


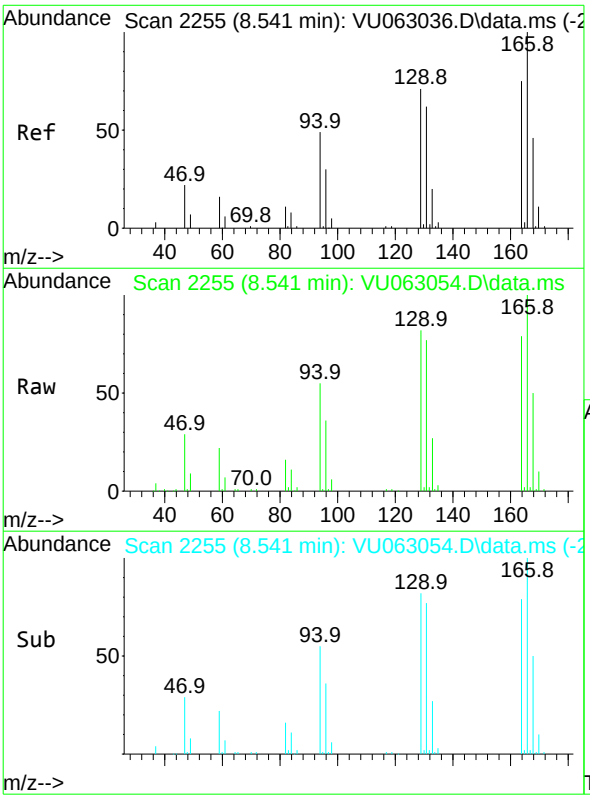
#45
1,1,2-Trichloroethane
Concen: 10.729 ug/L
RT: 8.386 min Scan# 22
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Instrument :
MSVOA_U
ClientSampleId :
E2959MSD

Tgt Ion: 97 Resp: 75779

Ion	Ratio	Lower	Upper
97	100		
99	61.1	45.6	84.6
83	91.6	63.0	117.0
85	59.3	39.0	72.4

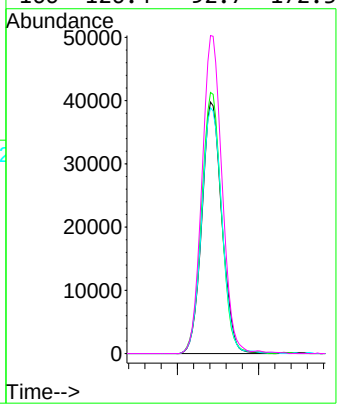


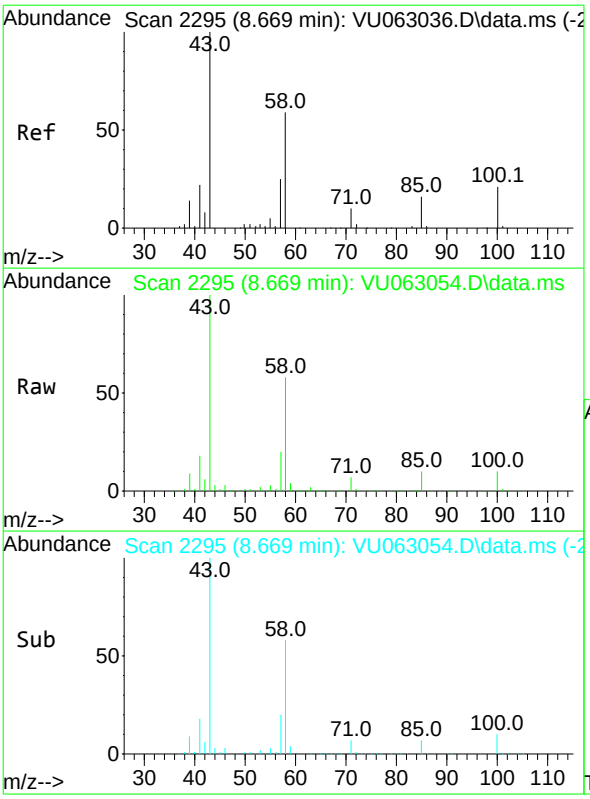


#47
Tetrachloroethene
Concen: 6.882 ug/L
RT: 8.541 min Scan# 2255
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Tgt Ion:164 Resp: 67863

Ion	Ratio	Lower	Upper
164	100		
129	103.8	71.0	131.9
131	97.7	69.4	129.0
166	126.4	92.7	172.3



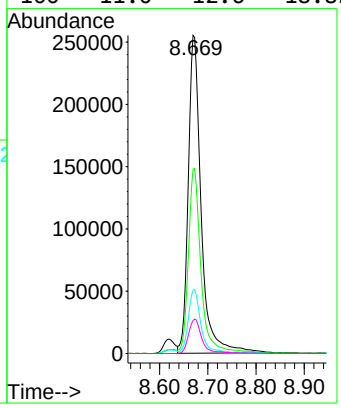


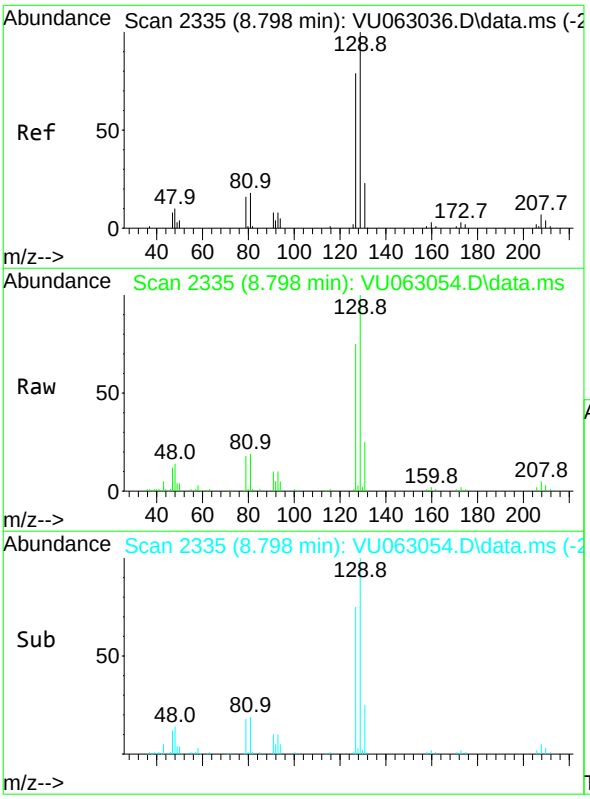
#48
2-Hexanone
Concen: 188.992 ug/L
RT: 8.669 min Scan# 22
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Instrument :
MSVOA_U
ClientSampleId :
E2959MSD

Tgt Ion: 43 Resp: 474562

Ion	Ratio	Lower	Upper
43	100		
58	56.9	50.2	75.4
57	19.0	19.9	29.9#
100	11.0	12.6	18.8#

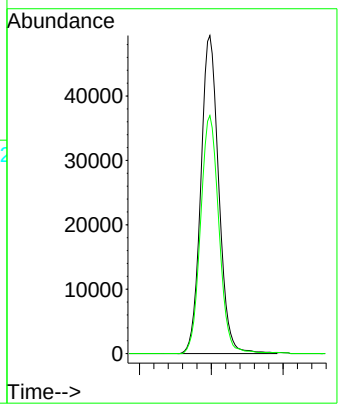


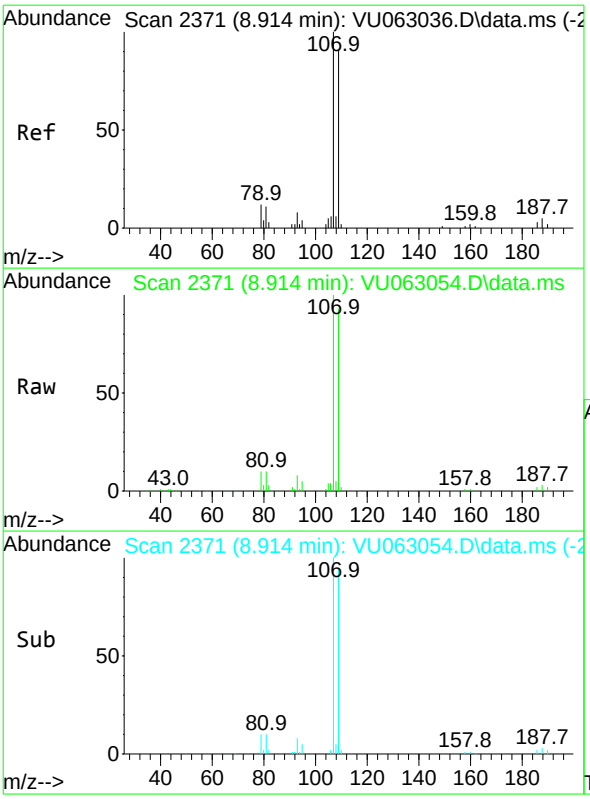


#49
Dibromochloromethane
Concen: 7.771 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Tgt Ion:129 Resp: 85650

Ion	Ratio	Lower	Upper
129	100		
127	74.9	52.1	96.9



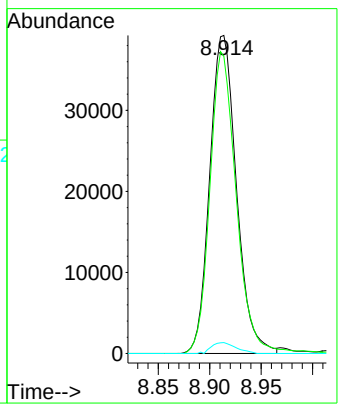


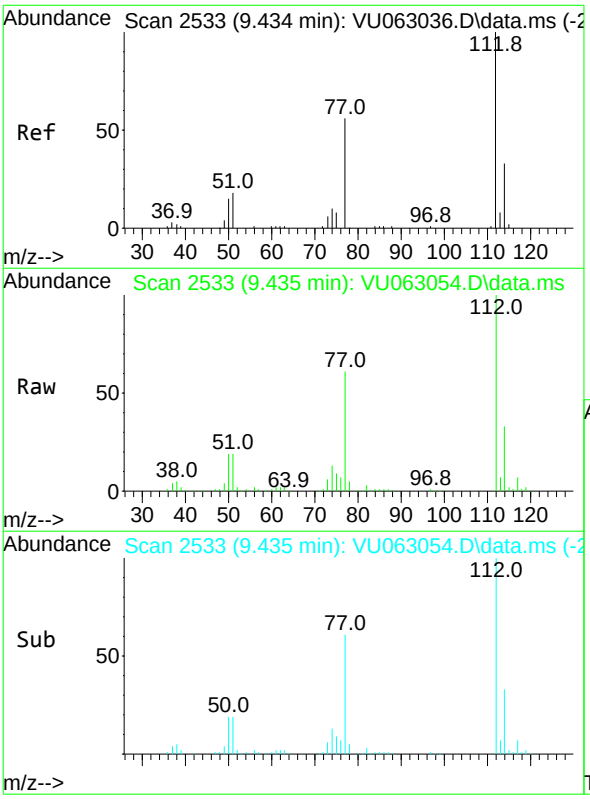
#50
1,2-Dibromoethane
Concen: 9.949 ug/L
RT: 8.914 min Scan# 23
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Instrument :
MSVOA_U
ClientSampleId :
E2959MSD

Tgt Ion:107 Resp: 70979

Ion	Ratio	Lower	Upper
107	100		
109	93.4	65.7	121.9
188	3.4	3.4	5.2#

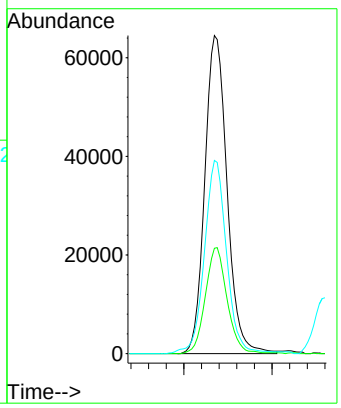


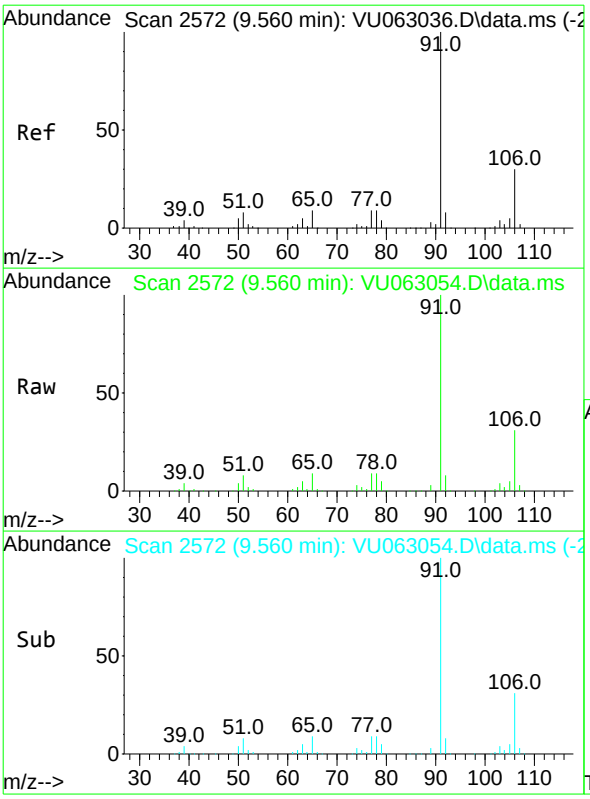


#51
Chlorobenzene
Concen: 4.119 ug/L
RT: 9.435 min Scan# 2533
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Tgt Ion:112 Resp: 113286

Ion	Ratio	Lower	Upper
112	100		
114	33.1	21.7	40.3
77	60.7	48.6	73.0



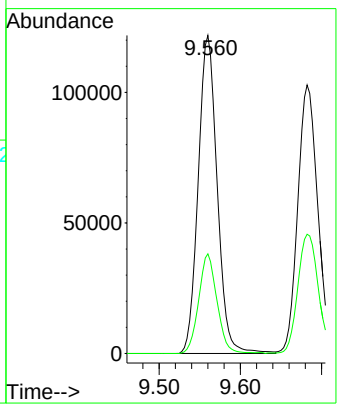


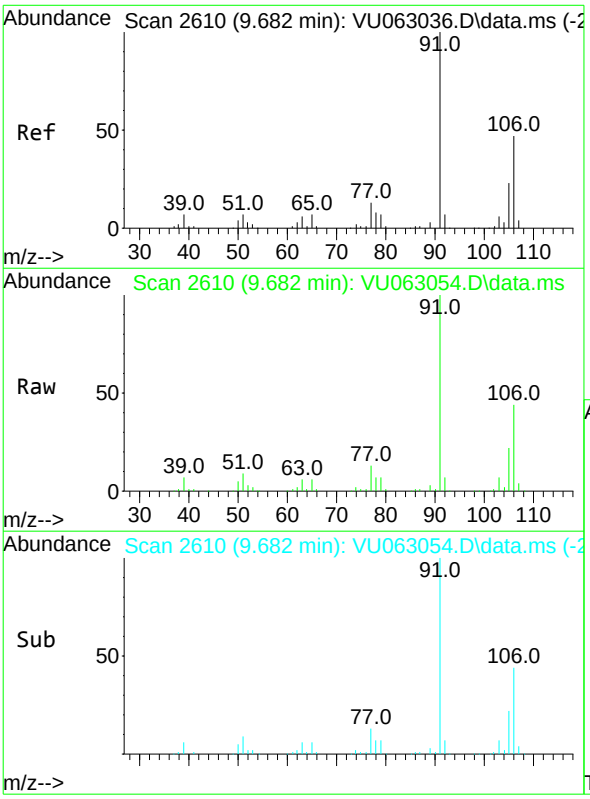
#52
Ethylbenzene
Concen: 4.282 ug/L
RT: 9.560 min Scan# 25
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Instrument :
MSVOA_U
ClientSampleId :
E2959MSD

Tgt Ion: 91 Resp: 197907

Ion	Ratio	Lower	Upper
91	100		
106	31.3	21.9	40.7

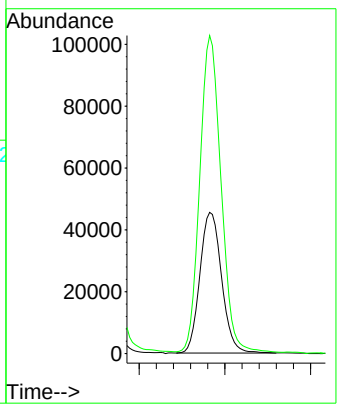


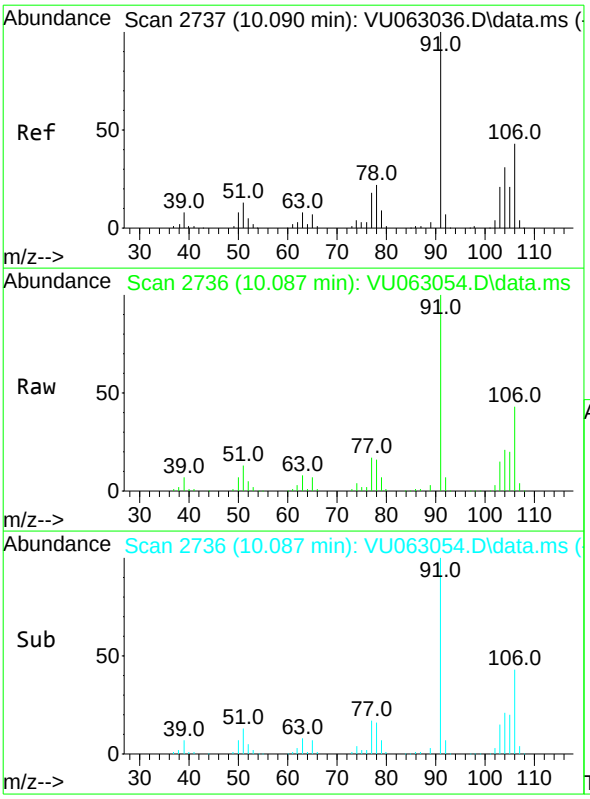


#53
m,p-Xylene
Concen: 4.483 ug/L
RT: 9.682 min Scan# 2610
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Tgt Ion:106 Resp: 80022

Ion	Ratio	Lower	Upper
106	100		
91	225.2	153.1	284.3



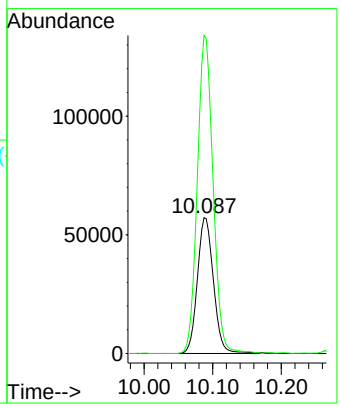


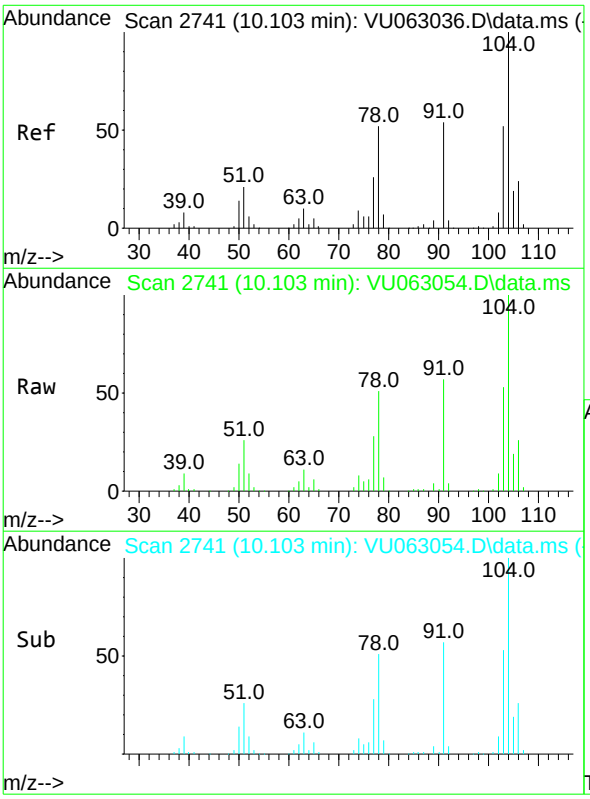
#54
o-Xylene
Concen: 5.712 ug/L
RT: 10.087 min Scan# 27
Delta R.T. -0.003 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Instrument :
MSVOA_U
ClientSampleId :
E2959MSD

Tgt Ion:106 Resp: 93406

Ion	Ratio	Lower	Upper
106	100		
91	234.2	160.4	297.8

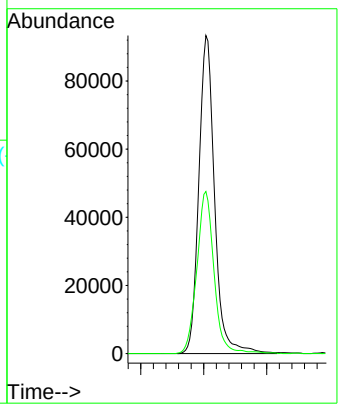


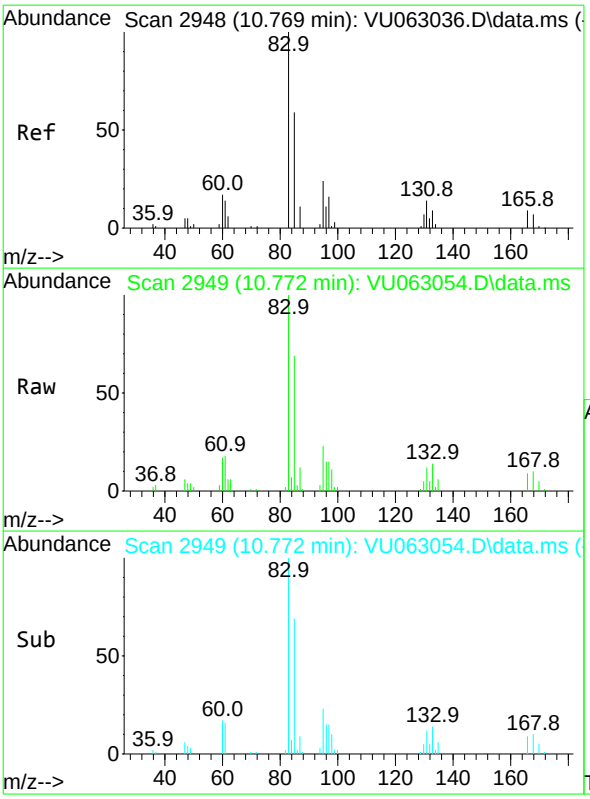


#55
Styrene
Concen: 5.866 ug/L
RT: 10.103 min Scan# 2741
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Tgt Ion:104 Resp: 162174

Ion	Ratio	Lower	Upper
104	100		
78	51.0	35.5	65.9



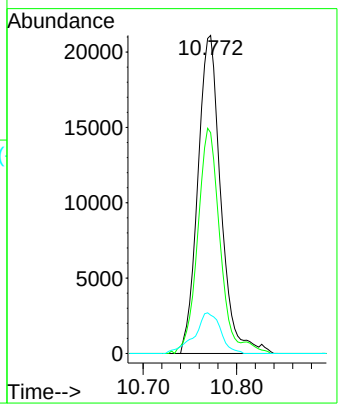


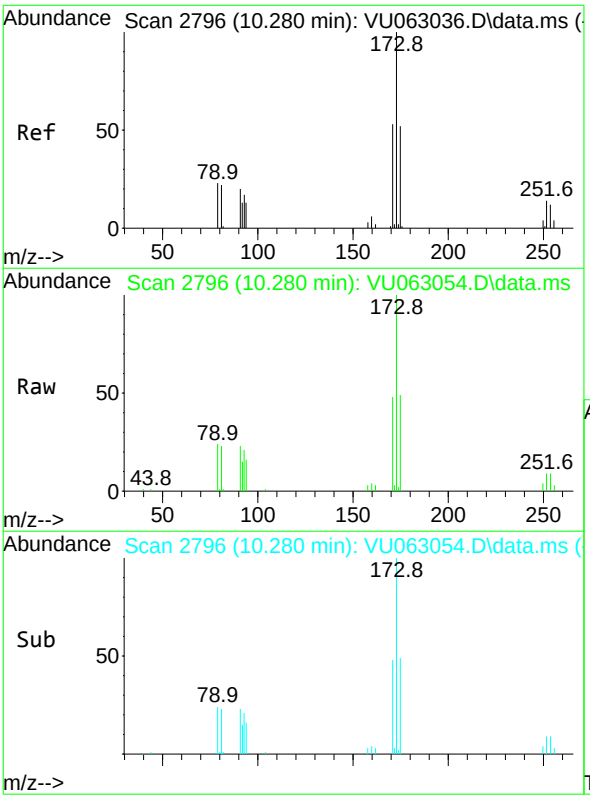
#57
1,1,2,2-Tetrachloroethane
Concen: 4.560 ug/L
RT: 10.772 min Scan# 29
Delta R.T. 0.003 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Instrument :
MSVOA_U
ClientSampleId :
E2959MSD

Tgt Ion: 83 Resp: 36029

Ion	Ratio	Lower	Upper
83	100		
85	69.4	43.0	79.8
131	12.1	7.4	11.0#

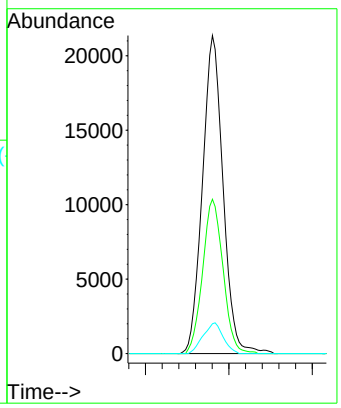


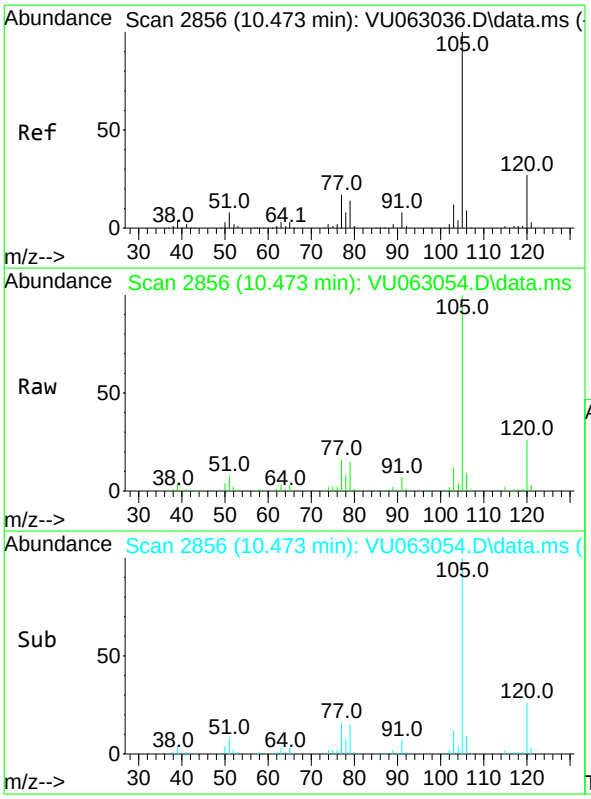


#59
Bromoform
Concen: 5.425 ug/L
RT: 10.280 min Scan# 2796
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Tgt Ion:173 Resp: 36639

Ion	Ratio	Lower	Upper
173	100		
175	48.0	39.8	59.8
254	9.4	8.6	12.8



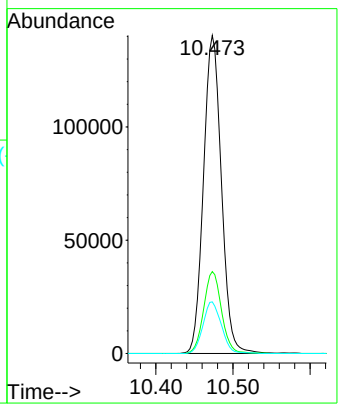


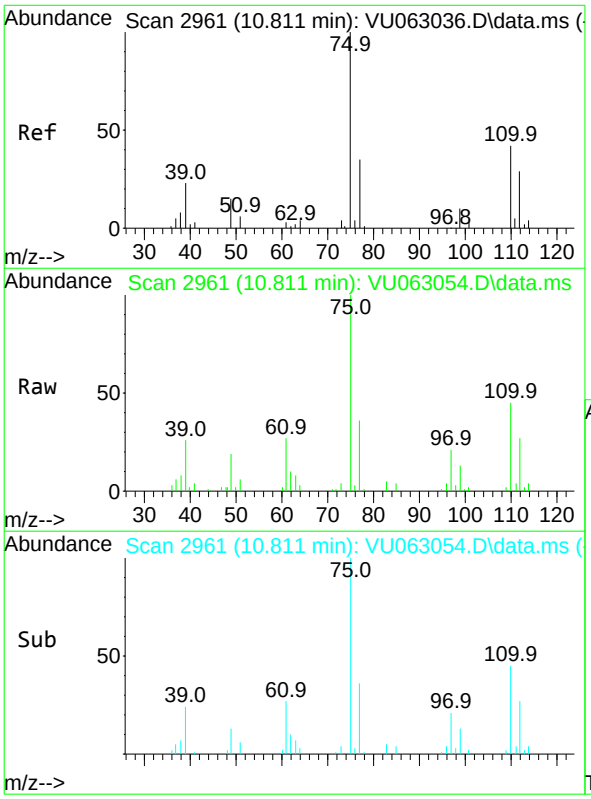
#60
Isopropylbenzene
Concen: 5.027 ug/L
RT: 10.473 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Instrument :
MSVOA_U
ClientSampleId :
E2959MSD

Tgt Ion:105 Resp: 226404

Ion	Ratio	Lower	Upper
105	100		
120	25.7	20.2	30.2
77	16.7	13.0	19.4

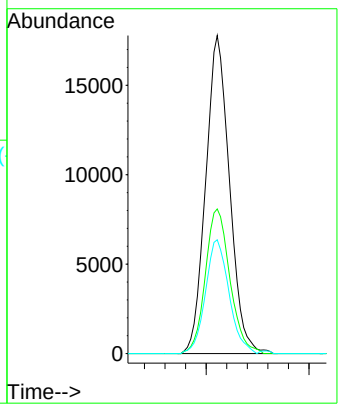


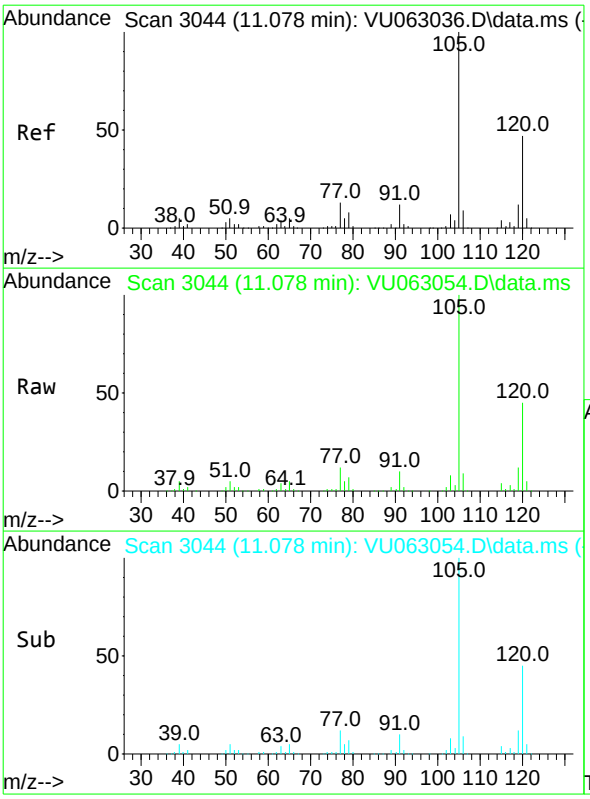


#61
1,2,3-Trichloropropane
Concen: 5.002 ug/L
RT: 10.811 min Scan# 2961
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Tgt Ion: 75 Resp: 28610

Ion	Ratio	Lower	Upper
75	100		
110	46.9	33.2	49.8
77	35.5	25.9	38.9



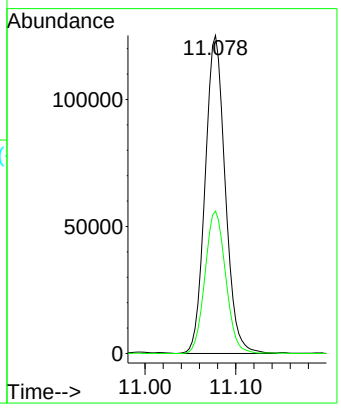


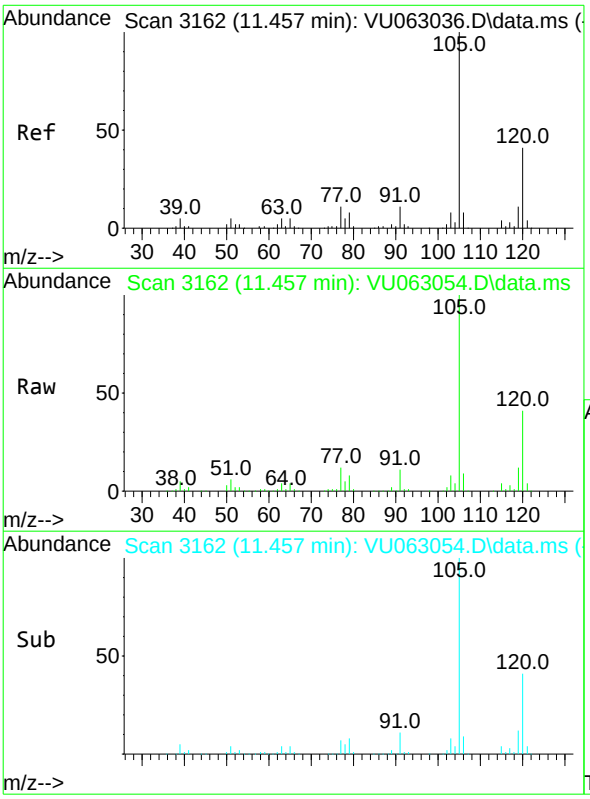
#62
1,3,5-Trimethylbenzene
Concen: 4.874 ug/L
RT: 11.078 min Scan# 30
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Instrument :
MSVOA_U
ClientSampleId :
E2959MSD

Tgt Ion:105 Resp: 192456

Ion	Ratio	Lower	Upper
105	100		
120	46.1	35.9	53.9

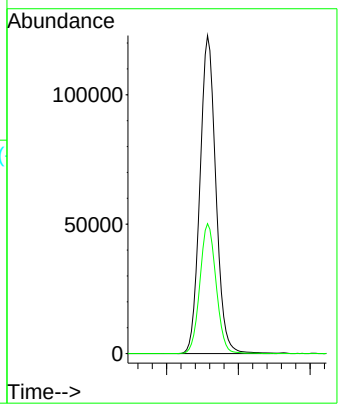


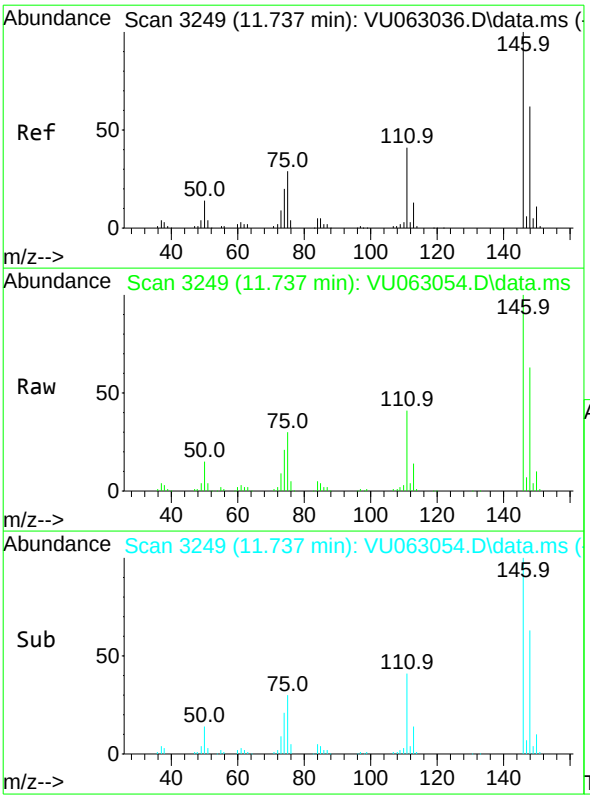


#63
1,2,4-Trimethylbenzene
Concen: 5.066 ug/L
RT: 11.457 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Tgt Ion:105 Resp: 189175

Ion	Ratio	Lower	Upper
105	100		
120	41.5	34.2	51.2



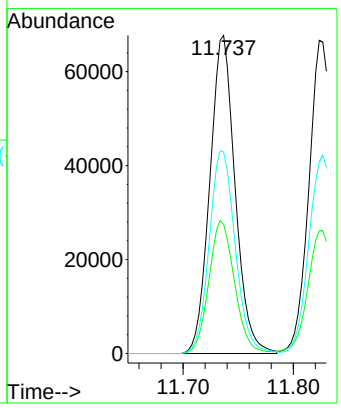


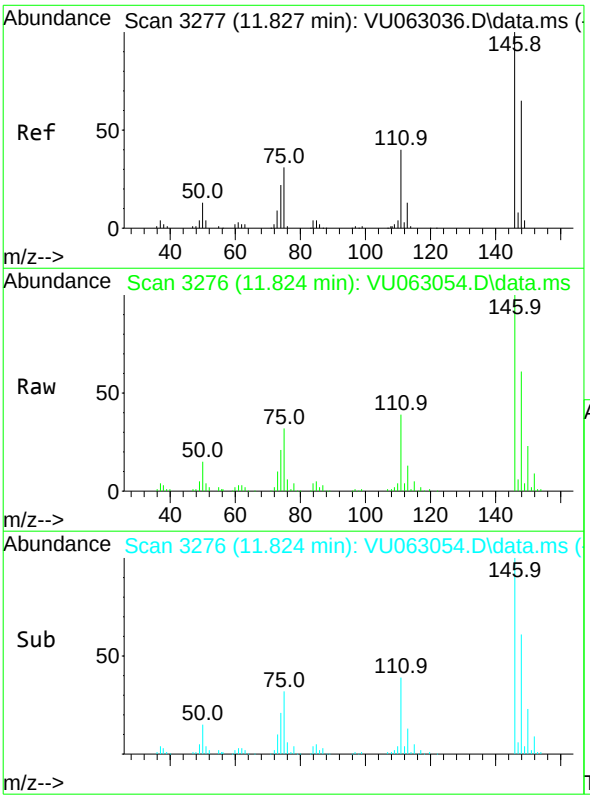
#64
1,3-Dichlorobenzene
Concen: 4.716 ug/L
RT: 11.737 min Scan# 32
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Instrument :
MSVOA_U
ClientSampleId :
E2959MSD

Tgt Ion:146 Resp: 107845

Ion	Ratio	Lower	Upper
146	100		
111	40.6	28.6	53.0
148	63.4	44.0	81.6

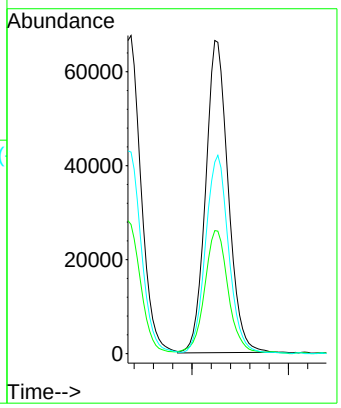


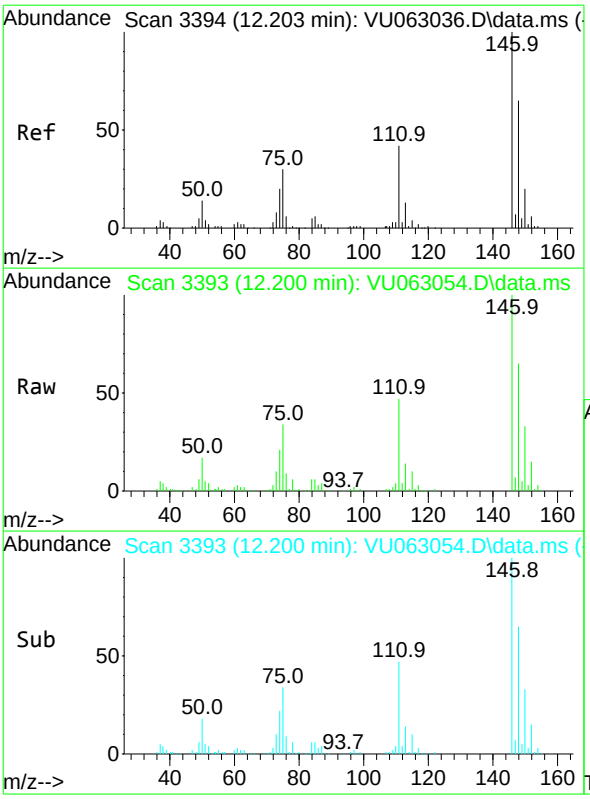


#65
1,4-Dichlorobenzene
Concen: 4.711 ug/L
RT: 11.824 min Scan# 3276
Delta R.T. -0.003 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Tgt Ion:146 Resp: 108056

Ion	Ratio	Lower	Upper
146	100		
111	39.3	29.5	54.9
148	61.1	45.1	83.9



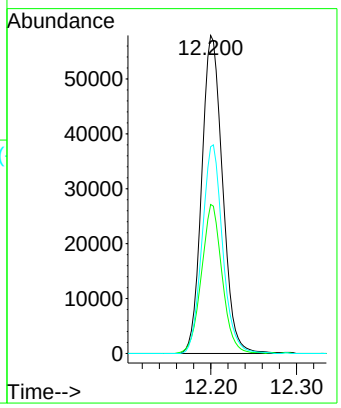


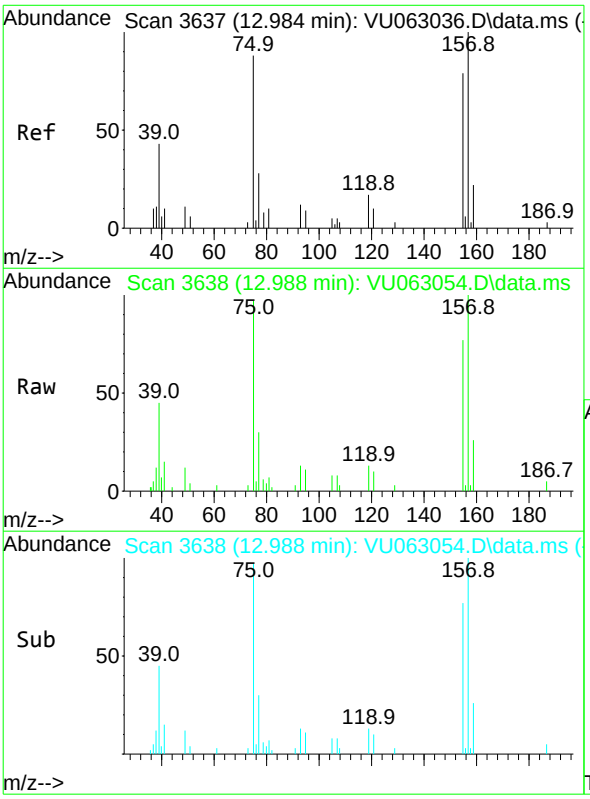
#67
1,2-Dichlorobenzene
Concen: 4.553 ug/L
RT: 12.200 min Scan# 33
Delta R.T. -0.003 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Instrument :
MSVOA_U
ClientSampleId :
E2959MSD

Tgt Ion:146 Resp: 97942

Ion	Ratio	Lower	Upper
146	100		
111	46.8	36.3	54.5
148	65.0	52.0	78.0

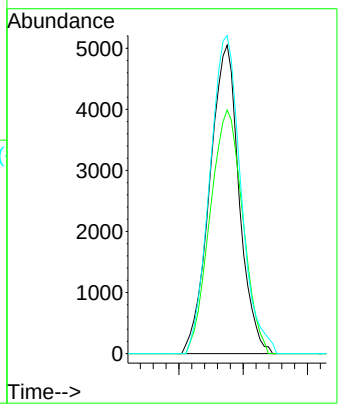


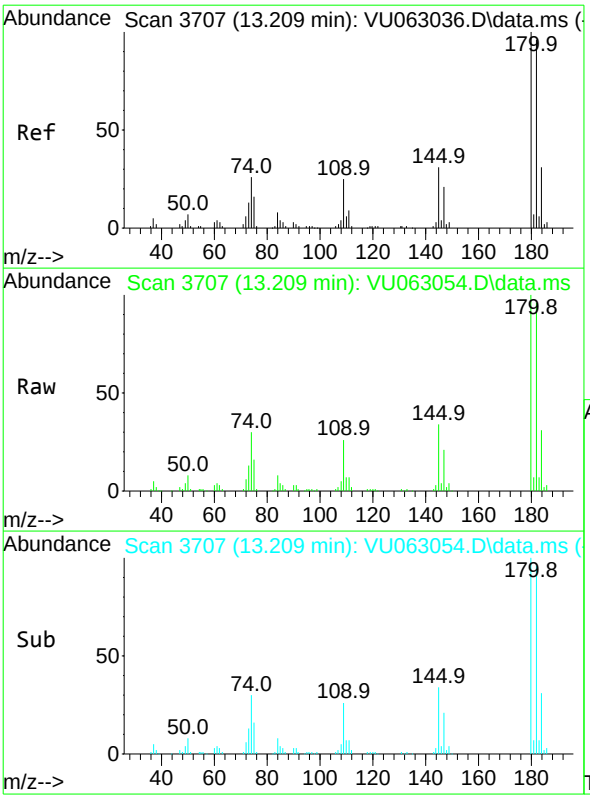


#68
1,2-Dibromo-3-chloropropane
Concen: 5.311 ug/L
RT: 12.988 min Scan# 3638
Delta R.T. 0.003 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Tgt Ion: 75 Resp: 8033

Ion	Ratio	Lower	Upper
75	100		
155	79.0	59.6	89.4
157	103.1	70.8	106.2



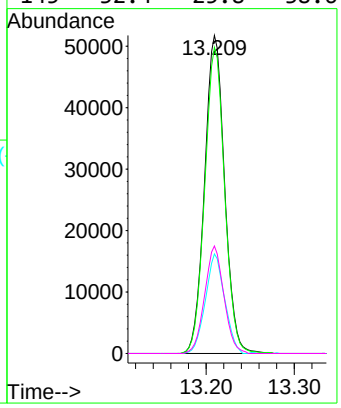


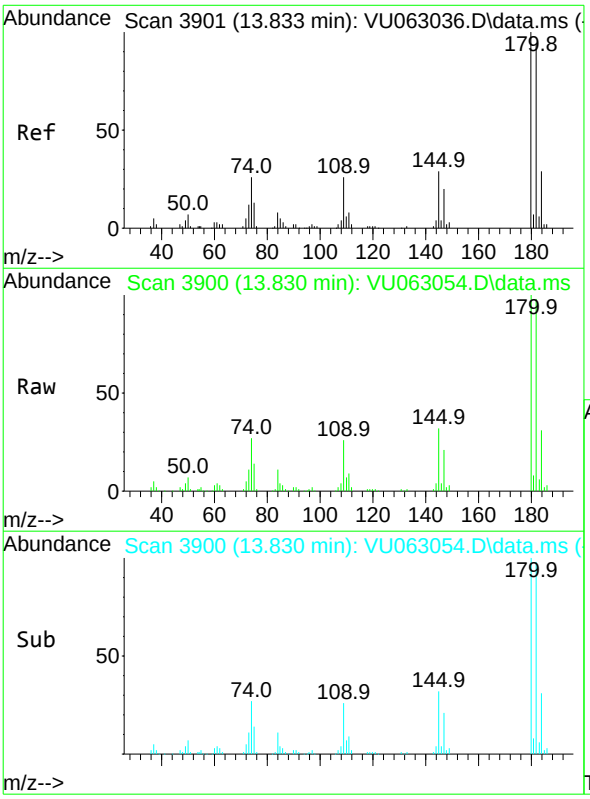
#69
1,3,5-Trichlorobenzene
Concen: 4.470 ug/L
RT: 13.209 min Scan# 37
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Instrument :
MSVOA_U
ClientSampleId :
E2959MSD

Tgt Ion:180 Resp: 81649

Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.8	113.8
184	30.1	24.7	37.1
145	32.4	25.8	38.6

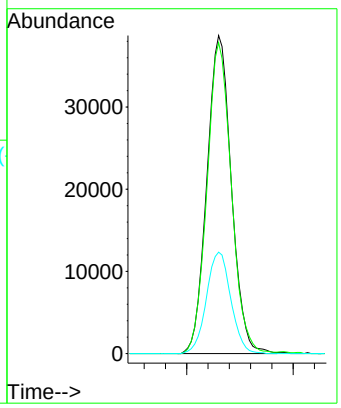


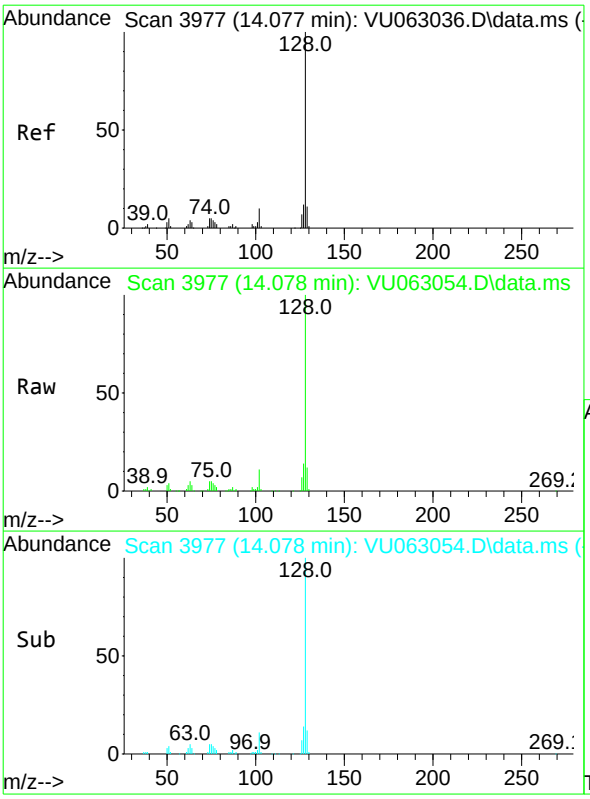


#70
1,2,4-trichlorobenzene
Concen: 4.321 ug/L
RT: 13.830 min Scan# 3900
Delta R.T. -0.003 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Tgt Ion:180 Resp: 61775

Ion	Ratio	Lower	Upper
180	100		
182	97.2	77.1	115.7
145	31.8	26.9	40.3



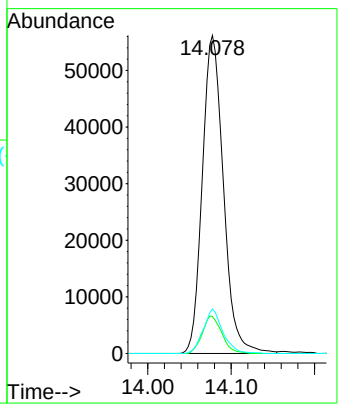


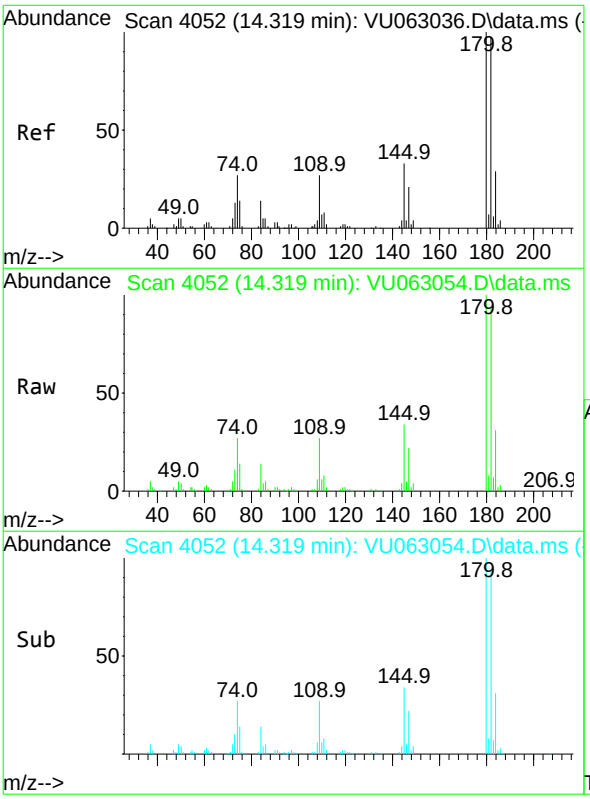
#71
Naphthalene
Concen: 5.392 ug/L
RT: 14.078 min Scan# 39
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Instrument :
MSVOA_U
ClientSampleId :
E2959MSD

Tgt Ion:128 Resp: 98908

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.5	12.7
127	13.0	10.2	15.2





#72
1,2,3-Trichlorobenzene
Concen: 4.430 ug/L
RT: 14.319 min Scan# 4052
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Tgt Ion:180 Resp: 54717

Ion	Ratio	Lower	Upper
180	100		
182	93.2	79.8	119.6
145	34.0	29.2	43.8